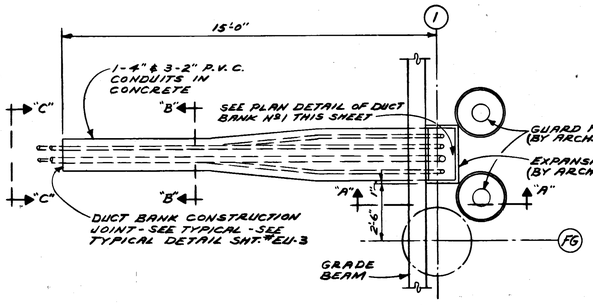
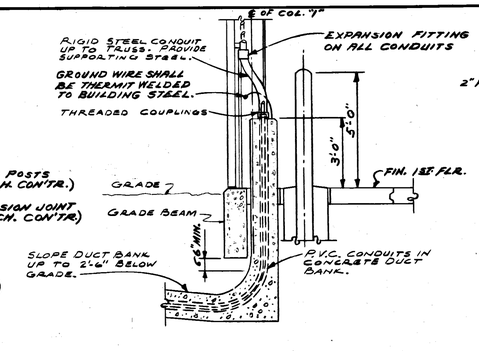
PROJECT NO. 4500 SHEET NO. EU-1



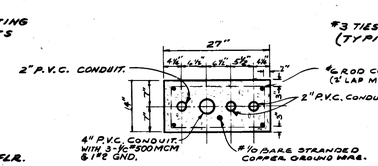

## DUCT BANK Nº1 STUB OUT PLAN

SCALE: 3/8" = 1'-0"



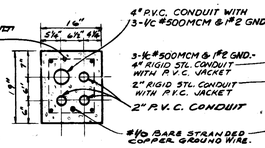

## SECTION "A-A"

SCALE 3/8" = 1'-0"



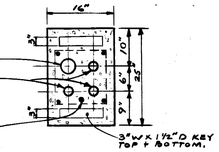

## PLAN DETAIL OF DUCT BANK Nº1

N.T.S.



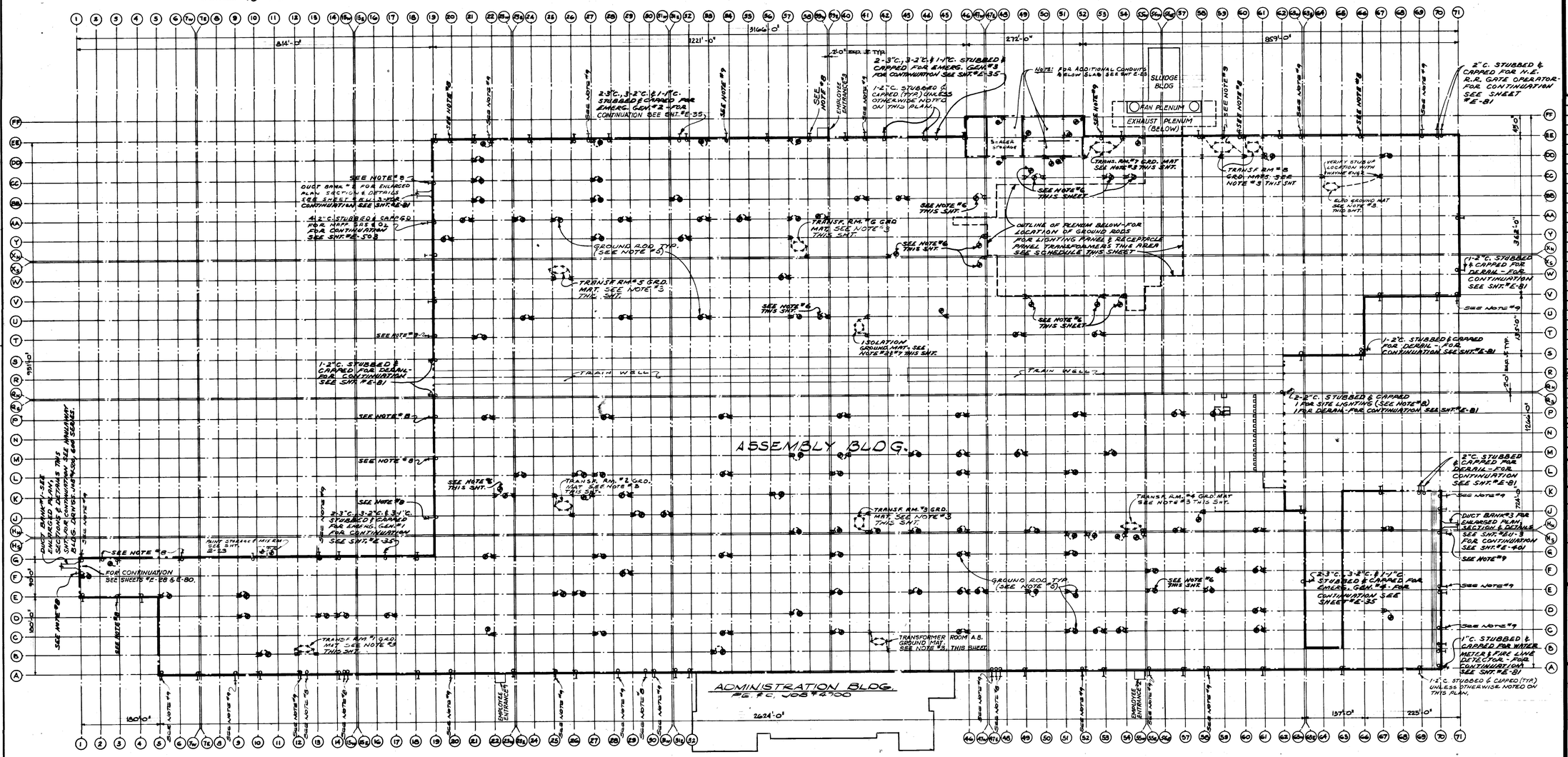

## SECTION "B-B"

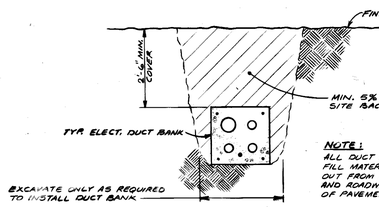
N.T.S.




## SECTION "C-C"

N.T.S.




NOTE:
ALL DUCT BANKS SHALL HAVE LIME STABILIZED FILL MATERIAL AS SHOWN IN DETAIL, A MIN. OF 45 FT. OUT FROM ALL BUILDINGS, AND BELOW ALL PAVEMENT AND ROADWAYS EXTENDING A MIN. OF 10 FT. EACH SIDE OF PAVEMENT AND ROADWAYS.

## TYPICAL DUCT BANK INSTALLATION DETAIL

N.T.S.

| GROUND ROD SCHEDULE FOR PLENUM AREA TRANSFORMERS | |
|---|---|
| RECEPTACLE PANEL TRANS. Nº OR LIGHTING PANEL TRANS. Nº | GROUND ROD COLUMN LOCATION |
| LP-"54-X$_H$" & LP-"54-W" | "54-V" |
| RP-"53-X$_H$" & LP-"53-X$_S$" | "53-V" |
| LP-"49-X$_H$" & LP-"49-W" | "49-V" |
| RP-"48-X$_H$" & LP-"48-X$_S$" | "47$_W$-X$_S$" |
| LP-"48Y | "47$_W$-Y" |
| RP-"48-BB" | "47$_W$-BB" |
| LP-"49-BB" & LP-"49-AA" | "49-CC" |
| LP-"50-AA" | "50-CC" |
| LP-"53-BB" & LP-"53-CC" | "53-CC" |
| LP-"54-AA", LP-"54-Y" & RP-"54-CC" | "54-CC" |

NOTE:
ALL EXTERIOR CONDUITS SHOWN ON THIS SHEET, NOT ASSIGNED OR TO BE EXTENDED IN THE FUTURE, SHALL BE STUBBED OUT 20'-0" FROM THE PIER & CAPPED. ALL EXTERIOR CONDUITS ASSIGNED FOR SPECIFIC USE SHALL BE STUBBED OUT 5'-0" & BE REDUCED TO SIZE IF NEED BE AS SPELLED OUT ON DRAWINGS REFERRED TO ON THIS SHEET.

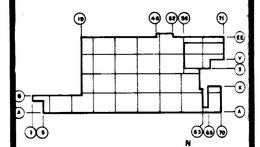
## NOTES:

1. FOR PLOT PLAN SEE SHEET #E-1.
2. ELECT. CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
3. FOR ENLARGED PLAN & DETAIL OF GROUND MATS SEE SHEET #EU-2.
4. FOR DETAIL OF EXTERIOR WALL CONDUIT STUBS SEE SHEET #EU-2.
5. FOR DETAIL OF GROUND ROD INSTALLATION SEE SHEET #EU-2.
6. GROUND CABLE AT THIS LOCATION IS TO BE 4/0.
7. ISOLATION GROUND MAT IS TO BE ISOLATED FROM BUILDING STEEL, RUN GROUNDING CONDUCTOR IN PLASTIC CONDUIT UP TO MEZZANINE ABOVE.
8. 2"C. STUBBED OUT FOR OUTDOOR LIGHTING - FOR CONTINUATION SEE SHEET #E-50.
9. 2"C. STUBBED OUT FOR FACILITIES MONITORING - FOR CONTINUATION SEE SHEETS #E-110 THRU #E-117.

NORTH

SCALE: 1" = 100'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRELIM. & ELT. BID | | |
| 3-23-77 | PRELIM. MECH. REF. | | |
| 4-23-77 | FL. CONC. REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL#94 | 10-5-77 | J.K. | | |
| BULL#83 | 9-19-77 | T.J. | | |
| EFG#58 | 9-31-77 | T.J. | | |
| EFG#61 | 9-19-77 | J.K. | | |
| EFG#53 | 8-5-77 | J.K. | | |
| BULL#1 | 7-7-77 | J.K. | | |
| BULL#90 | 6-10-77 | J.K. | | |
| PL#23 | 5-18-77 | REF. | | |
| BULL#20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ASSEMBLY BUILDING GROUNDING & EXTERIOR WALL CONDUITS FOR FUTURE UNDERGROUND

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

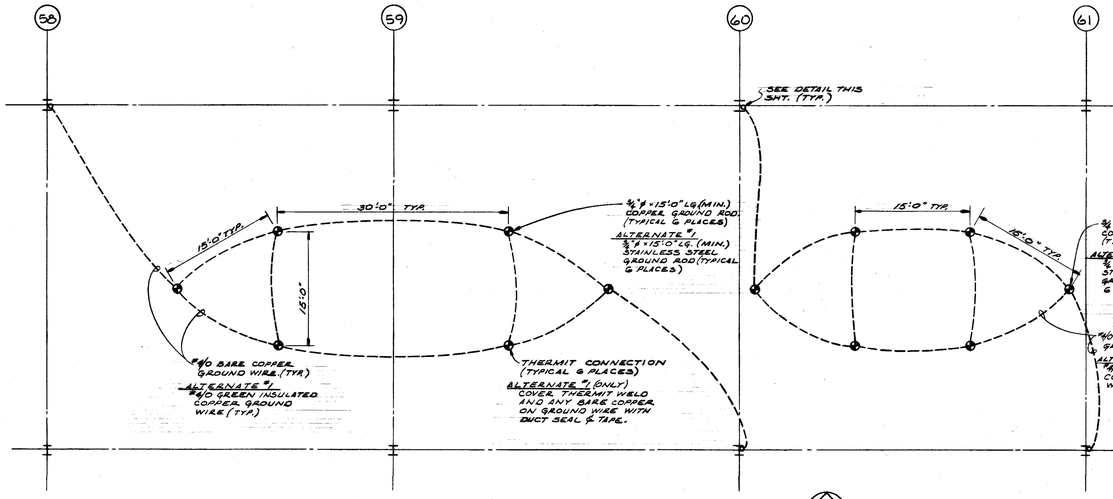
DATE 3-23-77

DRAWN BY O.J.T.

JOB CAPT. T.D. & J.L.K.

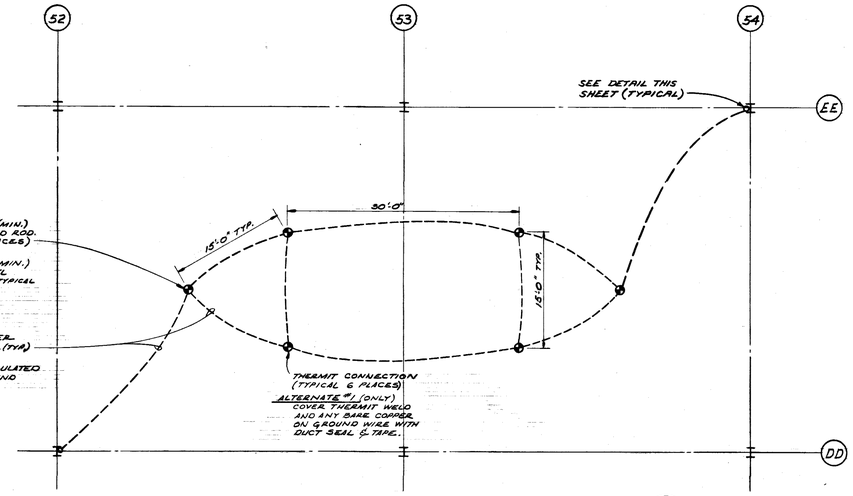
SHEET NUMBER: EU-1

PROJECT NO. 4500 SHEET NO. EU-2



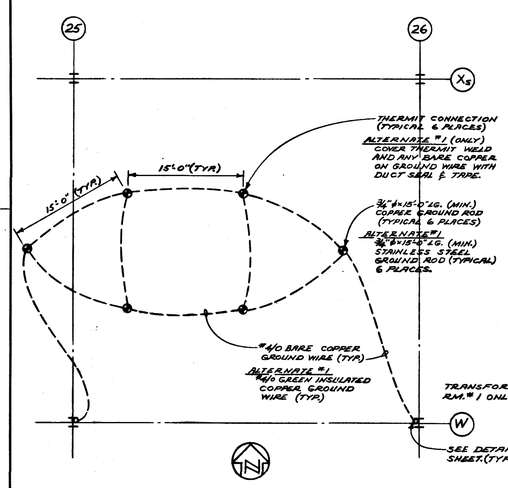

PLAN OF TRANSFORMER ROOM #8 GROUND MAT

SCALE: 1/8" = 1'-0"



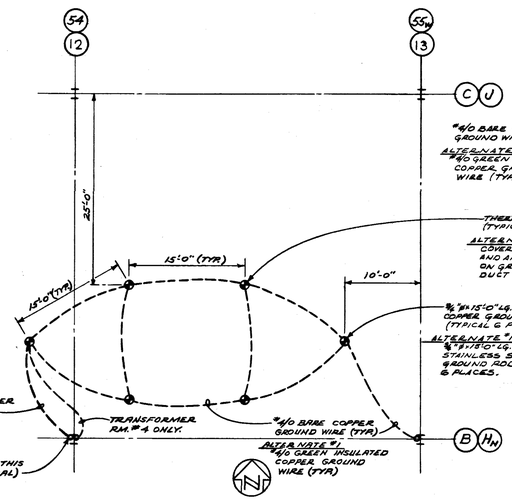

PLAN OF TRANSFORMER ROOM # 7 GROUND MAT

SCALE: 1/8" = 1'-0"



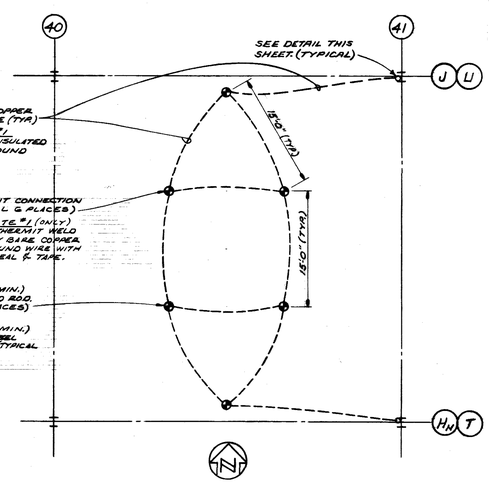

PLAN OF TRANSFORMER ROOM #5 GROUND MAT

SCALE: 1/8" = 1'-0"



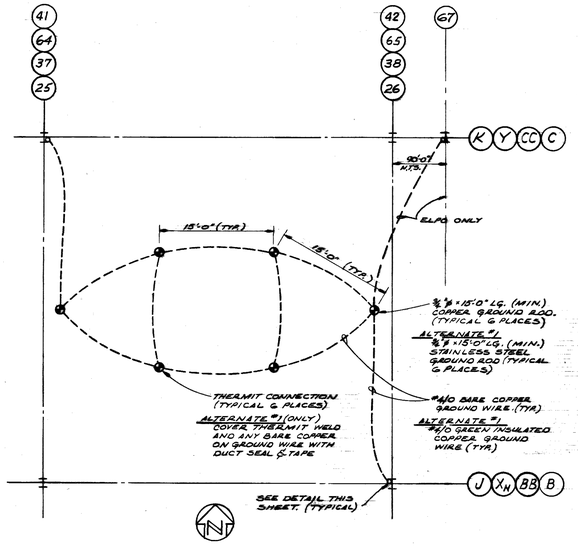

TYP. PLAN OF TRANSFORMER ROOM #1 & #4 GROUND MAT

SCALE: 1/8" = 1'-0"



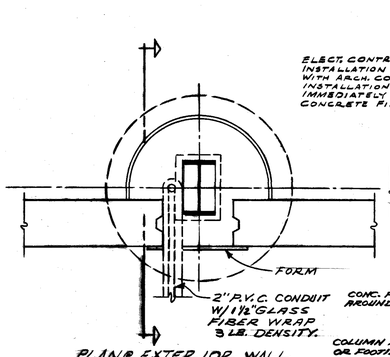

PLAN OF TRANSFORMER ROOM # 3 & ISOLATION GROUND MAT

SCALE: 1/8" = 1'-0"

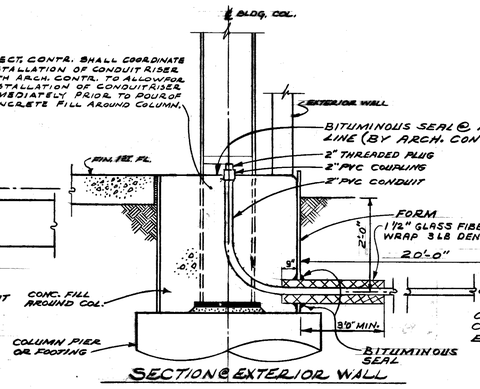



TYP. PLAN OF TRANSFORMER ROOM # 2, #6, & A.B. ELPO GROUND MAT

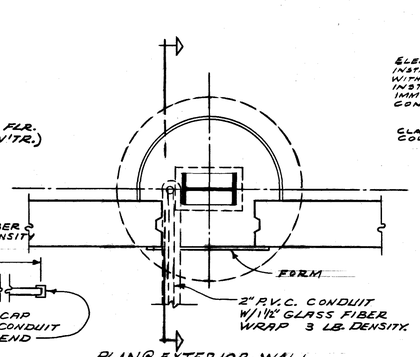
SCALE: 1/8" = 1'-0"




PLAN @ EXTERIOR WALL RUNNING EAST & WEST



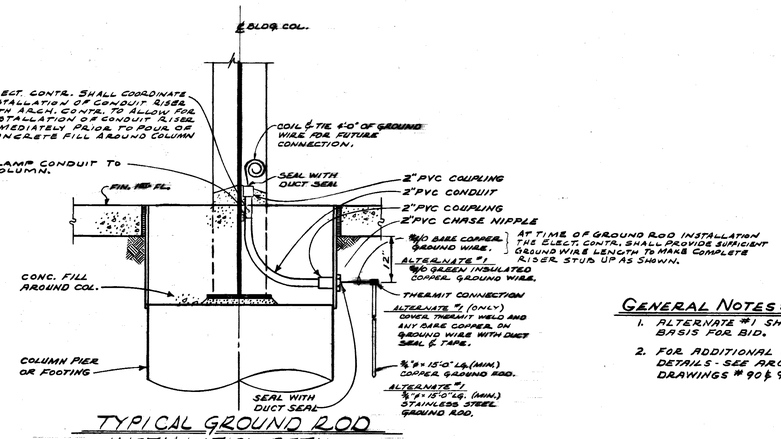

SECTION @ EXTERIOR WALL




PLAN @ EXTERIOR WALL RUNNING NORTH & SOUTH

DETAILS OF EXTERIOR WALL CONDUITS FOR FUTURE UNDERGROUND

N.T.S.




TYPICAL GROUND ROD INSTALLATION DETAIL

N.T.S.

NOTE: SUBSTATION GROUNDING SHALL BE TYPICAL EXCEPT FOR GROUND WIRE SIZE & GROUND ROD LOCATION, WHICH SHALL BE AS INDICATED ON PLANS SHOWN ON THIS SHEET.

## GENERAL NOTES:

1. ALTERNATE #1 SHALL BE USED AS BASIS FOR BID.
2. FOR ADDITIONAL COLUMN POCKET DETAILS - SEE ARCHITECTURAL DRAWINGS # 90 & 90A.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | J. C. Davis | [illegible] |
| 3-23-77 | PRIME MECH. REF. | | |
| 4-23-77 | 1st FL. CONC. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ERC#53 | 8-5-77 | J.K. | [illegible] | |
| E.F.O.#24 | 7-13-77 | J.K. | [illegible] | |
| BULL-61 | 7-7-77 | JK | [illegible] | [illegible] |
| P.C.#23 | 5-16-77 | R.G.F. | [illegible] | |
| BULL-20 | 5-18-77 | J.K. | [illegible] | [illegible] |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT GENERAL MOTORS CORPORATION
DIVISION OF GENERAL MOTORS & 486 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN
ARCHITECTURE & ENGINEERING & REAL ESTATE & CONSTRUCTION MANAGEMENT

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ENLARGED GROUND MAT PLANS
GROUNDING & CONDUIT DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 3-23-77

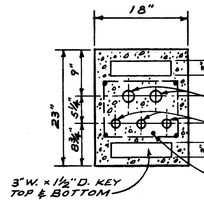
DRAWN BY D.J.T.

JOB CAPT. T.D.U. & J.L.K.

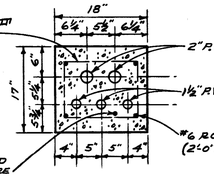
4500
P. E. & C. PROJECT NUMBER

EU-2
SHEET NUMBER

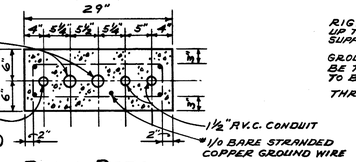
ARGO 118 REV. 12-69 K&E 17 0123 8-74 1720+



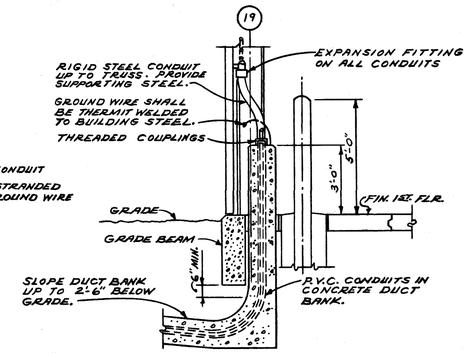

SECTION "C-C"
N.T.S.



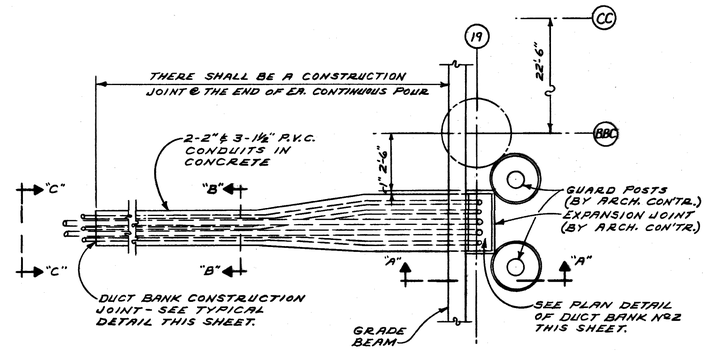

SECTION "B-B"
N.T.S.



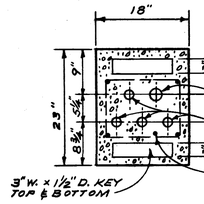

PLAN DETAIL OF DUCT BANK Nº 2
N.T.S.



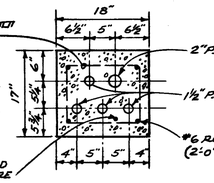

SECTION "A-A"
SCALE: 3/8" = 1'-0"



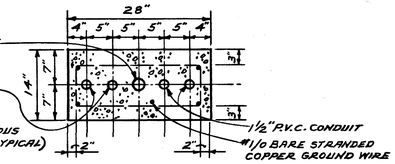

DUCT BANK Nº 2
STUB OUT PLAN
SCALE: 3/8" = 1'-0"



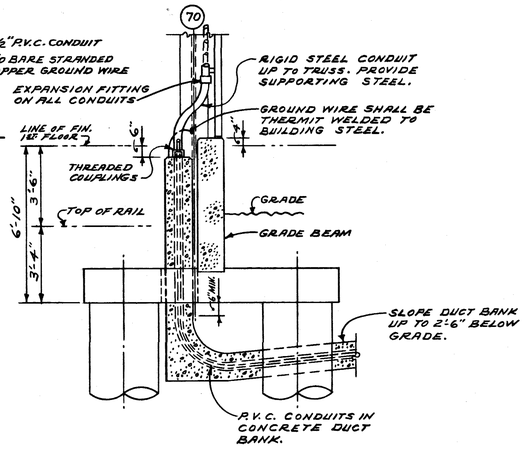

SECTION "F-F"
N.T.S.



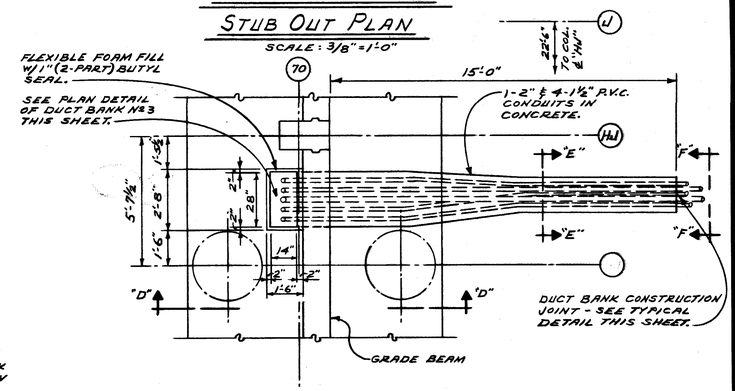

SECTION "E-E"
N.T.S.



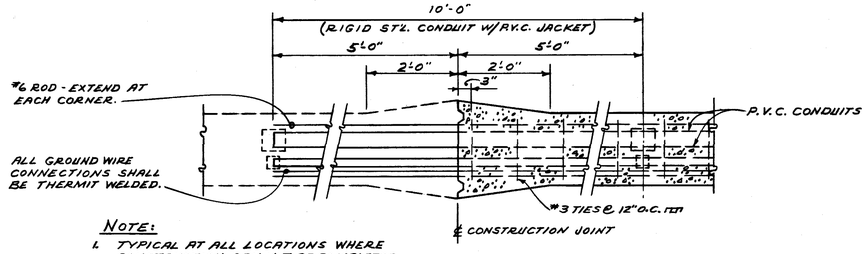

PLAN DETAIL OF DUCT BANK Nº 3
N.T.S.




SECTION "D-D"
SCALE: 3/8" = 1'-0"

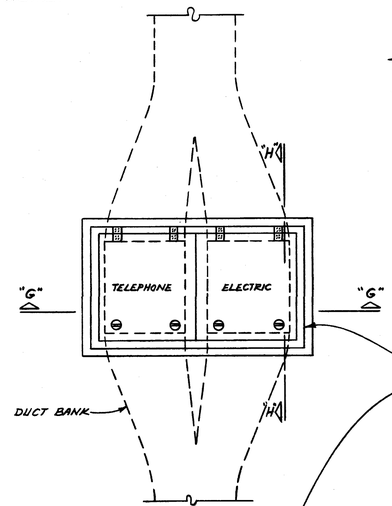



DUCT BANK Nº 3
STUB OUT PLAN
SCALE: 3/8" = 1'-0"

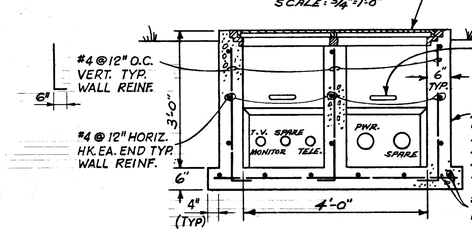



NOTE:
1. TYPICAL AT ALL LOCATIONS WHERE CONSTRUCTION CAN NOT BE COMPLETED WITH ONE CONTINUOUS POUR.
2. CONDUITS SHALL BE CAPPED WHILE EXPOSED TO WEATHER.

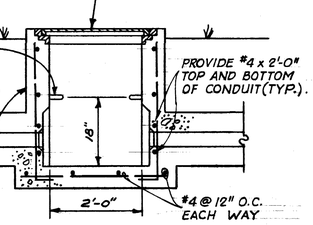
TYPICAL DUCT BANK CONSTRUCTION JOINT
N.T.S.




PLAN VIEW
SCALE: 3/4" = 1'-0"




SECTION "G-G"
SCALE: 3/4" = 1'-0"




SECTION "H-H"
SCALE: 3/4" = 1'-0"

NOTE:
1. TYPICAL DUCT BANK SECTIONS ARE SHOWN. ACTUAL CONDUIT CONFIGURATIONS & QUANTITY MAY VARY FROM HANDHOLE TO HANDHOLE. SEE SHEET E-81

TYPICAL HANDHOLE DETAIL

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 41 | 7-26-77 | JK | | |
| BULL 61 | 7-7-77 | JK | | |
| PC-23 | 5-16-77 | REF. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT DIVISION OF GENERAL MOTORS
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

DUCT BANK & HANDHOLE DETAILS

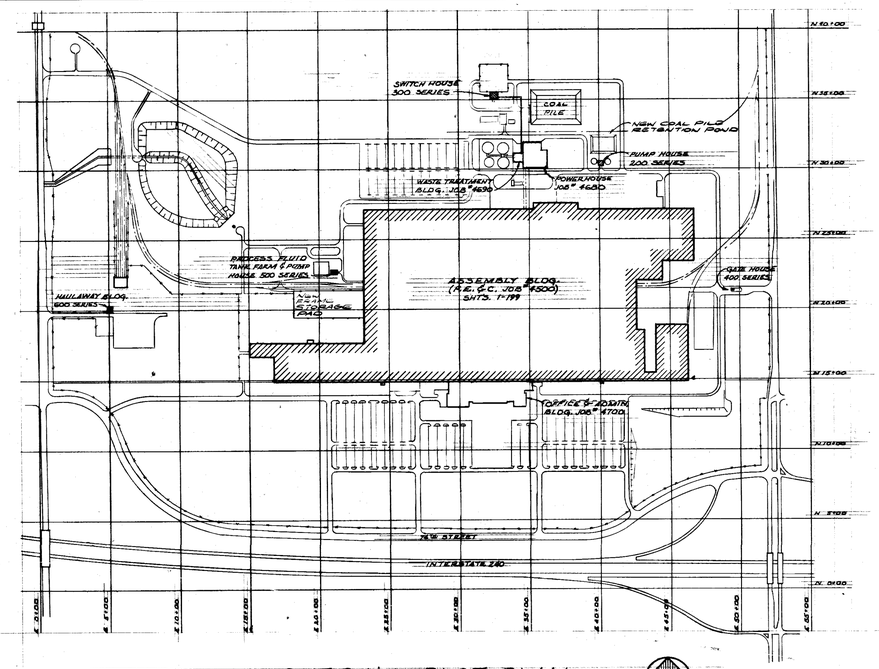
SHEET TITLE

OWNER'S IDENTIFICATION
DATE 5-18-77
DRAWN BY D.J.T.
JOB CAPT. T. JOHNSON / J. KONKLE

4500
B.E. & C. PROJECT NUMBER

EU-3
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-1




# OVERALL PLOT PLAN

NO SCALE

NORTH

# FIXTURE SCHEDULE

| TYPE | DESCRIPTION |
|---|---|
| SA | NOT ASSIGNED |
| SB | NOT ASSIGNED |
| SC | NOT ASSIGNED |
| SD | NOT ASSIGNED |
| SE | 2'x2' SQUARE RECESSED LIGHTING FIXTURE W/70 W. H.P.S. LAMP, VIRGIN ACRYLIC REFRACTIVE GRID LENS & INTEGRAL 120V. BALLAST |
| SF | 2'x2' SQUARE RECESSED LIGHTING FIXTURE W/70W. H.P.S. LAMP, 150W TUNGSTEN HALOGEN LAMP, VIRGIN ACRYLIC REFRACTIVE GRID LENS & INTEGRAL 120V. BALLAST |
| SG | 1'X1' SQUARE RECESSED LIGHTING FIXTURE W/150W. H.P.S. LAMP, CONCAVE CONTOUR, LOW BRIGHTNESS LENS & INTEGRAL 120V. BALLAST |
| SH | TOTALLY ENCLOSED LIGHTING FIXTURE W/400W H.P.S. LAMP, HEAT RESISTANT ACRYLIC REFRACTOR & INTEGRAL 480V. BALLAST |
| SJ | TOTALLY ENCLOSED LIGHTING FIXTURE W/400W H.P.S. LAMP, 250W TUNGSTEN HALOGEN LAMP, HEAT RESISTANT ACRYLIC REFRACTOR & INTEGRAL 480V. BALLAST |
| SK | TOTALLY ENCLOSED LIGHTING FIXTURE W/250W. H.P.S. LAMP, HEAT RESISTANT ACRYLIC REFRACTOR & INTEGRAL 480V. BALLAST |
| SL | TOTALLY ENCLOSED LIGHTING FIXTURE W/250W. H.P.S. LAMP, 250W TUNGSTEN HALOGEN LAMP, HEAT RESISTANT ACRYLIC REFRACTOR & INTEGRAL 480V. BALLAST |
| SM | NOT ASSIGNED |
| SN | WALL MOUNTED TOTALLY ENCLOSED LIGHTING FIXTURE W/150W H.P.S. LAMP HEAT RESISTANT PRISMATIC REFRACTOR, LIGHT CUT OFF SHIELD & INTEGRAL PHOTOCELL & 120V. BALLAST |
| SP | WALL MOUNTED TOTALLY ENCLOSED LIGHTING FIXTURE W/150W. H.P.S. LAMPS HEAT RESISTANT PRISMATIC REFRACTOR, LIGHT CUT OFF SHIELD & INTEGRAL 480V BALLAST |
| SQ | NOT ASSIGNED |
| SR | OUTDOOR ROADWAY LIGHTING FIXTURE, LIGHT CUTOFF TYPE W/100W. H.P.S. LAMP & INTEGRAL 480V. BALLAST, FOR POLE OR PARAPET MOUNTING |
| SS | OUTDOOR ROADWAY TYPE LIGHTING FIXTURE LIGHT CUTOFF TYPE W/250 W. H.P.S. LAMP & INTEGRAL 480V. BALLAST FOR POLE OR PARAPET MOUNTING |
| ST | OUTDOOR ROADWAY LIGHTING FIXTURE, LIGHT CUTOFF TYPE; I.E.S. TYPE III, DARK BRONZE FINISH, ON 30' BRONZE FINISH SQUARE SECTION ALUM. POLE, W/250W H.P.S. LAMP & INTEGRAL 480V. BALLAST |
| SU | OUTDOOR AREA LIGHTING FIXTURE LIGHT CUTOFF TYPE I.E.S. TYPE II, DARK BRONZE FINISH, TWIN-MOUNTED ON 30' BRONZE FINISH SQUARE SECTION ALUM. POLE W/250W H.P.S. LAMPS & INTEGRAL 480V BALLASTS. |
| SV | OUTDOOR AREA LIGHTING FIXTURE LIGHT CUTOFF TYPE W/400W H.P.S. LAMP & INTEGRAL 480V. BALLAST I.E.S. TYPE V FOR POLE MOUNTING. |
| SW | OUTDOOR FLOOD LIGHTING FIXTURE, LIGHT CUTOFF TYPE W/400W H.P.S. LAMP & INTEGRAL 480V. BALLAST FOR POLE OR PARAPET MOUNTING. |
| SX | OUTDOOR FLOODLIGHTING FIXTURE, LIGHT CUTOFF TYPE W/1000 W. H.P.S. LAMP & INTEGRAL 480V. BALLAST FOR POLE OR PARAPET MOUNTING. |
| SY | TOTALLY ENCLOSED LIGHTING FIXTURE, SUITABLE FOR CLASS I, GROUP D, W/100 W. H.P.S. LAMP, WIRE GUARD & INTEGRAL 120V. BALLAST, FOR STANCHION, PENDANT OR SURFACE MTD. |
| SZ | OUTDOOR LIGHTING FIXTURE W/100W H.P.S. LAMP, WIRE GUARD & INTEGRAL 120V. BALLAST, FOR STANCHION, PENDANT OR SURFACE MOUNTING. |
| SAA | OUTDOOR PARKING TYPE LIGHTING FIXTURE W/UPPER LIGHT CUTOFF SHIELD, 150W. H.P.S. LAMP & INTEGRAL 480V. BALLAST, I.E.S. TYPE V ON 16' POLE |
| SBB | TOTALLY ENCLOSED LIGHTING FIXTURE SUITABLE FOR CLASS I, GROUP D, W/250W. H.P.S. LAMP, WIRE GUARD, SHALLOW REFLECTOR & INTEGRAL 120V BALLAST |
| SCC | TOTALLY ENCLOSED LIGHTING FIXTURE SUITABLE FOR CORROSIVE ENVIRONMENT W/250 W. H.P.S. LAMP & INTEGRAL 120V. BALLAST |
| SDD | NOT ASSIGNED |
| SEE | NOT ASSIGNED |
| SFF | NOT ASSIGNED |
| SGG | TOTALLY ENCLOSED LIGHTING FIXTURE SUITABLE FOR CLASS I, GROUP D, W/400W. H.P.S. LAMP, WIRE GUARD, HIGH BAY CONTOUR & INTEGRAL 480V. BALLAST |
| SHH | OUTDOOR AREA LIGHTING FIXTURE, LIGHT CUTOFF TYPE W/1000 W. H.P.S. LAMPS & INTEGRAL 480V. BALLASTS I.E.S. TYPE V FOR POLE MOUNTING |

| TYPE | DESCRIPTION |
|---|---|
| FA | 8'-0" INDUSTRIAL FLUORESCENT LIGHTING FIXTURE W/2-8'-0" 800 MA. HO LAMPS 5-25% UP LIGHT & INTEGRAL 120V. BALLAST. |
| FB | 4'-0" TOTALLY ENCLOSED FLUORESCENT LIGHTING FIXTURE W/2 460 MA LAMPS, PRISMATIC ACRYLIC LENS, W/45° LIGHT CUTOFF & INTEGRAL 120V. BALLAST. |
| FC | 2'x4' RECESSED FLUORESCENT LIGHTING FIXTURE W/2, 430 MA. LAMPS ACRYLIC REFRACTIVE GRID LENS & INTEGRAL 120V. BALLAST. |
| FD | 2'x4' RECESSED FLUORESCENT LIGHTING FIXTURE W/4-430 MA. LAMPS ACRYLIC REFRACTIVE GRID LENS & INTEGRAL 120V. BALLAST. |
| FE | 4'-0" TOTALLY ENCLOSED FLUORESCENT LIGHTING FIXTURE W/ 2-430 MA LAMPS, ACRYLIC WRAP AROUND LENS & INTEGRAL 120V BALLAST |
| FF | 4'-0" TOTALLY ENCLOSED FLUORESCENT LIGHTING FIXTURE W/4-430 MA LAMPS PRISMATIC ACRYLIC LENS, W/45° LIGHT CUTOFF & INTEGRAL 120V. BALLAST. |
| FG | NOT ASSIGNED |
| FH | 2'x4' RECESSED FLUORESCENT LIGHTING FIXTURE W/2-430 MA LAMPS ACRYLIC REFRACTIVE GRID LENS & INTEGRAL 120V BALLAST. |
| FJ | 4'-0" TOTALLY ENCLOSED FLUORESCENT LIGHTING FIXTURE W/ 2-430 MA LAMPS, ACRYLIC WRAP AROUND LENS & INTEGRAL 120V. LOW TEMP. BALLAST. |
| FK | STRIP LIGHT W/430 MA CARE LAMP & 120V. BALLAST |
| A | NOT ASSIGNED |
| B | NOT ASSIGNED |
| C | OUTLET TYPE FIXTURE W/100W INCANDESCENT LAMP & PORCELAIN KEYLESS BASE. |
| D | NOT ASSIGNED |
| E | NOT ASSIGNED |
| F | SINGLE OR DOUBLE FACE EXIT LIGHT W/120V LAMP. |
| G | SINGLE OR DOUBLE FACE EXIT LIGHT W/DIRECTIONAL ARROWS AS REQUIRED & INTERNAL 480/120V BALLAST. |
| H | NOT ASSIGNED |
| J | REMOTE MTD. EMERGENCY BATTERY UNIT W/BATTERY & NUMBER OF HEADS AS REQUIRED. |
| K | REMOTE MTD. EMERGENCY LIGHTING UNIT |
| L | REMOTE MOUNTED EMERGENCY LIGHTING UNIT SUITABLE FOR CLASS I, GROUP C & D. |
| M | NOT ASSIGNED |

# DRAWING INDEX

| SHEET NO. | SHEET TITLE | PRINT SIZE 30-17 N2 |
|---|---|---|
| EU-1 | ASSEMBLY BLDG. GROUND ROD PLAN | EU-1 |
| EU-2 | ASSEMBLY BLDG. GROUND ROD DETAILS | EU-2 |
| EU-3 | DUCT BANK AND HANDHOLE DETAILS | |
| E-1 | PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE | E-1 |
| E-2 | SYMBOL LIST & RECEPTACLE PANEL SCHEDULE | E-2 |
| E-3 | LIGHTING PANEL SCHEDULE | E-2A |
| E-4 | PRIMARY SWITCH HOUSE & O.S.&E. ONE LINE | E-3 |
| E-5 | ASSEMBLY BLDG. SUBSTATIONS #1 & #8 ONE LINE | |
| E-6 | ASSEMBLY BLDG. SUBSTATIONS #2 THRU #6 ONE LINE | E-5 |
| E-7 | ASSEMBLY BLDG. - CABLE TRAY ROUTING | E-6 |
| E-8 | CABLE TRAY DETAILS | E-8 |
| E-9 | CABLE TRAY PARTIAL PLAN #1 | E-12 |
| E-10 | CABLE TRAY PARTIAL PLAN #2 & 5 | E-9 |
| E-11 | CABLE TRAY PARTIAL PLAN #3 & 6 | E-10 |
| E-12 | CABLE TRAY PARTIAL PLAN #4 | E-11 |
| E-13 | PLAN-TRANSFORMER ROOM N°1, POWER & ELEVATIONS | E-13 |
| E-14 | PLAN-TRANSFORMER ROOM N°2, POWER & ELEVATIONS | E-14 |
| E-15 | PLAN-TRANSFORMER ROOM N°3 POWER & ELEVATIONS | E-15 |
| E-16 | PLAN-TRANSFORMER ROOM N°4 POWER & ELEVATIONS | E-16 |
| E-17 | PLAN-TRANSFORMER ROOM N°5 POWER & ELEVATIONS | E-17 |
| E-18 | PLAN-TRANSFORMER ROOM N°6 POWER & ELEVATIONS | E-18 |
| E-19 | PLAN-TRANSFORMER ROOM N°7 POWER & ELEVATIONS | E-19 |
| E-20 | ELEVATIONS TRANSFORMER ROOM N°7 | E-20 |
| E-21 | PLAN-TRANSFORMER ROOM N°8 POWER & ELEVATIONS | E-21 |
| E-22 | ELEVATIONS TRANSFORMER ROOM N°8 | E-22 |
| E-23 | GROUNDING PLANS & DETAILS | E-23 |
| E-24 | PLAN - TRANSFORMER ROOM A-8, POWER AND ELEVATIONS | |
| E-25 | PLAN AREA N°1 480V. POWER | E-25 |
| E-26 | PLAN AREA N°2 480V. POWER | E-26 |
| E-27 | PLAN AREA N°3 480V. POWER | E-27 |
| E-28 | PLAN AREA N°4 480V. POWER | E-28 |
| E-29 | PLAN AREA N°5 480V. POWER | E-29 |
| E-30 | PLAN AREA N°6 480V. POWER | E-30 |
| E-31 | PLAN AREA N°7 480V. POWER | E-31 |
| E-32 | PLAN AREA N°8 480V. POWER | E-32 |
| E-33 | PLAN 120 V. POWER | E-24 |
| E-34 | PLAN - EMERGENCY POWER | E-34 |
| E-35 | PLANS - EMERGENCY GENERATOR BLDGS POWER | |
| E-36 | PLAN - WELDER BUS DUCT | |
| E-36A | WELDER BUS DUCT DETAILS | |
| E-37 | PLAN - ROOF CONVEYOR HOUSING - 480V. POWER | E-48 |
| E-38 | PLAN - MEZZANINE N°1 POWER | E-36 |
| E-39 | PLAN - MEZZANINE N°2 OFFICE & FLOORS 1ST. POWER | E-37 |
| E-40 | PLAN - MEZZANINE N°2 CAFETERIA POWER | E-37 |
| E-41 | PLAN - MEZZANINE N°3 POWER | E-38 |
| E-42 | PLAN - TRUCK DOCK POWER - 480V | E-39 |
| E-43 | PLAN - TOILET RMS 480V. POWER | E-49 |
| E-44 | PAINT SHOP, CATWALK & PLENUM AREAS - 480V. POWER | |
| E-45 | SECONDARY POWER DETAILS | |
| E-46 | PLAN - WELDER WATER SYSTEM - 480V. POWER | |
| E-47 | WELDER WATER CONTROL AND ALARM PANEL INSTALLATION DIAGRAM | |
| E-48 | WELDER WATER CONTROL AND ALARM PANEL SCHEMATIC DIAGRAM | |
| E-49 | WELDER WATER HEAT TRACE | |
| E-50 | PLAN - PARKING LOT, ROADWAY & AREA LIGHTING | E-50 |
| E-51 | PLAN - PERIMETER & DOOR LIGHTING | E-51 |
| E-52 | PLAN - ASSEMBLY BLDG. MASTER LTG. ZONES | E-52 |
| E-53 | PLAN - AREA N°1 LIGHTING | E-53 |
| E-54 | PLAN - AREA N°2 LIGHTING | E-54 |
| E-55 | PLAN - AREA N°3 LIGHTING | E-55 |
| E-56 | PLAN - AREA N°4 LIGHTING | E-56 |
| E-57 | PLAN - AREA N°5 LIGHTING | E-57 |
| E-58 | PLAN - AREA N°6 LIGHTING | E-58 |
| E-59 | PLAN - AREA N°7 LIGHTING | E-59 |
| E-60 | PLAN - AREA N°8 LIGHTING | E-60 |
| E-61 | PLAN - CONVEYOR ENCLOSURE LTG. | E-67 |
| E-62 | PLAN - PLENUM LIGHTING | E-69 |
| E-63 | ENLARGED PLAN MEZZ. N°1 TOILETS LOCKER ROOMS & CAFETERIA | E-63 |
| E-64 | ENLARGED PLAN MEZZ. N°2 TOILETS LOCKER RMS. OFFICES & CAFETERIA | E-64 |
| E-65 | ENLARGED PLAN MEZZ. N°3 TOILETS LOCKER ROOMS & CAFETERIA | E-65 |
| E-66 | ENLARGED PLANS MEZZ. N°4 TOILETS & LOCKERS & CONVEYOR CONTROL ROOMS | E-66 |
| E-67 | ENLARGED PLAN MEZZ. N°5 TOILET & LOCKER ROOM N°8 & MISC. PLANT OFFICES LTG. | E-78 |
| E-68 | PLAN - ENLARGED PLANS - PUMP HOUSE COOLING TOWER UTILITY TRESTLE LTG. | E-79 |
| E-69 | ENLARGED PLANS TRANSFORMER ROOMS LIGHTING. | E-68 |
| E-70 | PLAN EMERGENCY GENERATOR BUILDINGS & EMPLOYEE ENTRANCES LIGHTING | E-181 |
| E-71 | ENLARGED PLAN & SECTION TYPICAL LIGHTING PATTERN TRUM & PLANT FLOOR LEVEL | E-182 |
| E-72 | ENLARGED PLAN & SECTION TYPICAL LIGHTING PATTERN (BODY SHOP) | E-79 |
| E-73 | ENLARGED PLAN & SECTION TYPICAL LIGHTING PATTERN (BELOW MEZZANINE) | E-184 |
| E-74 | OUTDOOR LIGHTING DETAILS | E-81 |
| E-75 | OUTDOOR LIGHTING DETAILS & WIRING DIAGRAMS | |
| E-76 | LIGHTING DETAILS | |
| E-77 | CLAMPING DETAILS | |
| E-78 | ENLARGED PLANS: MISCELLANEOUS AREAS LIGHTING & 120V POWER | |
| E-79 | MAINTENANCE AND GENERAL STORES OFFICES, POWER AND TELEPHONE & LIGHTING PLANS | |
| E-80 | PLAN TELEPHONE RACEWAY SYSTEM | E-82 |
| E-81 | SITE PLAN - POWER & CONTROL TO OUTBUILDINGS & LIGHTING | E-35 |
| E-82 | OGRAIL SYSTEM DETAILS | |
| E-83 | OGRAIL SYSTEM DETAILS | |
| E-84 | DOOR SCHEMATICS & RISER DIAGRAMS | |
| E-85 | ELECTRICALLY OPERATED GATES SCHEMATIC RISER DIAGRAMS | |
| E-86 | RETENTION BASIN POWER & LIGHTING PLANS | |
| E-87 | RETENTION BASIN CONTROL DIAGRAMS | |
| E-88 | PLAN - OVEN PASSAGEWAYS LIGHTING | |
| E-89 | | |
| E-90 | MOTOR STARTER SCHEDULE | |
| E-91 | MISCELLANEOUS SCHEMATIC DIAGRAMS | |
| E-92 | MISCELLANEOUS SCHEMATIC DIAGRAMS | |
| E-93 | | |
| E-94 | | |
| E-95 | | |
| E-96 | | |
| E-97 | | |
| E-98 | | |
| E-99 | | |
| E-100 | | |
| E-101 | | |
| E-102 | | |
| E-103 | | |
| E-104 | | |
| E-105 | | |
| E-106 | | |

| SHEET NO. | SHEET TITLE | PRINT SIZE 30-17 N2 |
|---|---|---|
| E-107 | | |
| E-108 | ASS'Y BLDG. COAX CABLE ROUTING AND DGC LAYOUT | |
| E-109 | PLAN - ASS'Y BLDG. EMERG. POWER FOR FACILITIES MONITORING AND CONTROL | |
| E-110 | PLAN - AREA N° 1 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-111 | PLAN - AREA N° 2 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-112 | PLAN - AREA N° 3 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-113 | PLAN - AREA N° 4 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-114 | PLAN AREA N° 5 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-115 | PLAN - AREA N° 6 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-116 | PLAN AREA N° 7 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-117 | PLAN - AREA N° 8 FIRE AND WATCH, FACILITIES MONITORING AND CONTROL | |
| E-118 | PLAN - TRANSFORMER ROOMS - FACILITIES MONITORING | |
| E-119 | PLAN - MEZZ - N° 1, 2 AND 3 - FIRE AND WATCH - FACILITIES MONITORING | |
| E-120 | PLAN - TOILET RMS, CONVEYOR CONTROL RMS, FIRE & WATCH, FAC. MONITORING | |
| E-121 | PLAN - ROOF CONVEYOR ENCL. & PLENUM, EMERG. GEN. BLDG. F & W, FAC. MONIT. | |
| E-122 | POWERHOUSE - BASE FLOOR PLAN FAC. MONIT. AND CONTROL - FIRE AND WATCH | |
| E-123 | POWERHOUSE - OPERATING FLR. PLAN FAC. MONIT. AND CONTROL - FIRE AND WATCH | |
| E-124 | POWERHOUSE - SECOND FLOOR PLAN FAC. MONIT. AND CONTROL - FIRE AND WATCH | |
| E-125 | COOLING TWR. PUMP HSE., SOLID SEP. BLDG. AND WASTE TREAT. BLDG. FAC. MONIT. | |
| E-126 | PROCESS FLUIDS PUMP HOUSE AND SLUDGE BLDG. FACILITIES MONITORING | |
| E-127 | PRI. SW. HOUSE, RET. BASIN RM., FIRE PROT. PUMP HSE. FAC. MONIT. AND CONTROL | |
| E-128 | PLAN - ADMINISTRATION BLDG. FACILITY MONITORING AND CONTROL | |
| E-129 | DETAILS - FACILITIES MONITORING AND CONTROL | |
| E-130 | PLAN - ASSEMBLY BUILDING PLANT WIDE HORN SYSTEM | |
| E-131 | PLAN - ADMINISTRATION BUILDING PLANT WIDE HORN SYSTEM. | |
| E-132 | PLAN - POWER HOUSE PLANT WIDE HORN SYSTEM. | |
| E-133 | MEZZANINES 1, 2 & 3 PLANT WIDE HORN SYSTEM. | |
| E-134 | | |
| E-135 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-101 | |
| E-136 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-102 | |
| E-137 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-103 | |
| E-138 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-104 | |
| E-139 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-105 | |
| E-140 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-106 | |
| E-141 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-107 | |
| E-142 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-108 | |
| E-143 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-109 | |
| E-144 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-110 | |
| E-145 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-111 | |
| E-146 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-112 | |
| E-147 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-201 | |
| E-148 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-202 | |
| E-149 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-203 | |
| E-150 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-204 | |
| E-151 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-205 | |
| E-152 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-206 | |
| E-153 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-207 | |
| E-154 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-209 | |
| E-155 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-210 | |
| E-156 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-211 | |
| E-157 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-212 | |
| E-158 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-213 | |
| E-159 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-214 | |
| E-160 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-215 | |
| E-161 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-216 | |
| E-162 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-217 | |
| E-163 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-218 | |
| E-164 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-219 | |
| E-165 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-220 | |
| E-166 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-221 | |
| E-167 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-222 | |
| E-168 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-223 | |
| E-169 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-302 | |
| E-170 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-303 | |
| E-171 | REMOTE DATA GATHERIIG CENTER SCHEDULE RDGC N° U-304 | |
| E-172 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-305 | |
| E-173 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-306 | |
| E-174 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-308 | |
| E-175 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-309 | |
| E-176 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-310 | |
| E-177 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-311 | |
| E-178 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-312 | |
| E-179 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-313 | |
| E-180 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-315 | |
| E-181 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-401 | |
| E-182 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-402 | |
| E-183 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-403 | |
| E-184 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-404 | |
| E-185 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-405 | |
| E-186 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-406 | |
| E-187 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-407 | |
| E-188 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-408 | |
| E-189 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-409 | |
| E-190 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-410 | |
| E-191 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-411 | |
| E-192 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-412 | |
| E-193 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-413 | |
| E-194 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-414 | |
| E-195 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-501 | |
| E-196 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-502 | |
| E-197 | REMOTE DATA GATHERING CENTER SCHEDULE RDGC N° U-601 | |
| E 198 | | |
| E-199 | | |
| E 201 | FIRE PROTECTION PUMP HOUSE PARTIAL PLOT PLAN AND DETAILS | |
| E-202 | FIRE PROTECTION PUMP HOUSE POWER AND LIGHTING PLANS | |
| E-301 | PLAN - PRIMARY SWITCH HOUSE CABLE TRAY AND DETAILS | E-301 |
| E-302 | PLANS PRIMARY SWITCH HOUSE, POWER, LIGHTING, GROUNDING AND UNDERGROUND | E-302 |
| E-303 | PRIMARY SWITCH HOUSE SECTIONS AND DETAILS | |
| E-304 | PRIMARY SWITCH HOUSE MISCELLANEOUS DETAILS | |
| E-401 | GATE HOUSE POWER AND LIGHTING PLANS | |
| E-402 | GATE HOUSE DETAILS AND DIAGRAMS | |
| E-501 | PROCESS FLUID PUMPHOUSE SCHEDULES, GROUNDING AND EXTERIOR LIGHTING | |
| E-502 | PROCESS FLUID PUMPHOUSE LIGHTING, POWER AND MISC. SYSTEMS PLANS | |
| E-503 | PROCESS FLUID PUMPHOUSE DETAILS | |
| E-601 | HAULAWAY BUILDING UNDERGROUND PLAN, SECTION AND MISC. DETAILS | |
| E-602 | HAULAWAY BUILDING POWER AND LIGHTING PLANS | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULLITIN | 1-10-79 | W.S. | | |
| EFO362 | 8-15-78 | TJ | | |
| BULLITIN 4 | 6-13-78 | TJ | | |
| BULL 161 | 6-1-78 | TJ | | |
| BULLETIN 8 | 4-11-78 | TJ | | |
| BULL 153 | 3-14-78 | TJ | | |
| BULL 147 | 3/13/78 | TJ | | |
| BULLETIN 10 | 11-15-77 | J.K. | | |
| BULLETIN 1 | 10-5-77 | J.K. | | |
| BULL #79 | 9-29-77 | J.K. | | |
| BULL #73 | 8-8-77 | J.K. | | |
| BULL 6 | 7-7-77 | J.K. | | |
| BULLETIN 14 | 6-30-77 | J.K. | | |
| BULLETIN 3 | 6-21-77 | J.K. | | |
| BULLETIN 10 | 6-10-77 | J.K. | | |
| BULLETIN 2 | 6-2-77 | J.K. | | |
| | 1-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFICATE

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
GM TECH. CENTER, WARREN & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M.N.

E-1

SHEET NUMBER

DES. ENGR. J. KONKLE

ARDO 116 REV. 12-67 KORE 17 0153 2-74 1750M

PROJECT NO. 4500 SHEET NO. E-2

## SYMBOL LIST

| SYMBOL | DESCRIPTION |
|---|---|
| | EXPOSED CONDUIT |
| | CONCEALED CONDUIT - IN WALL OR FLOOR BELOW GRADE |
| | CONDUIT TURNED DOWN |
| | CONDUIT TURNED UP |
| | 480V. HOME RUN TO MCC POWER PANEL OR BUS DUCT. |
| | 120V. HOME RUN TO LTG. PANEL OR RECEPT. PANEL. NO. OF ARROWS INDICATES NO. OF CIRCUITS. |
| (a) | 120V. HOME RUN (a) INDICATES PARTIAL CIRCUIT TO BE COMBINED AT PANEL. |
| | 208V. HOME RUN TO LIGHTING OR RECEPT. PANEL. |
| | CONDUIT EXPANSION JOINT. |
| | CONTROL CIRCUIT HOME RUN TO STARTER. |
| | 1600A. FEEDER BUS DUCT 480V. 3 PHASE 3 WIRE WITH GROUND (UNLESS OTHERWISE NOTED) |
| | 1600A. PLUG-IN BUS DUCT 480V. 3 PHASE 3 WIRE WITH GROUND. |
| | BUS DUCT ISOLATION JOINT |
| | BUS PLUG ON BUS DUCT, 30A. EXCEPT AS NOTED |
| | BUS DUCT EXPANSION JOINT |
| | 1600A. WELDER BUS DUCT, PLUG-IN 480V. 3 PHASE, 3 WIRE WITH GROUND. |
| | 30A. LIGHTING CONTACTOR ON BUS DUCT (UNLESS OTHERWISE NOTED) |
| N.F. | SAFETY SWITCH (N.F. = NON-FUSED) |
| | 480V. COMBINATION STARTER |
| | 480V. DUPLEX PUMP COMBINATION STARTER |
| (5) | 480V. 3 PHASE MOTOR WITH H.P. INDICATED |
| (1/6) 1φ | 120V. 1 PHASE MOTOR WITH H.P. INDICATED |
| (C1) | CLOCK - 18" DOUBLE DIAL |
| (C2) | CLOCK - 18" SURFACE MOUNTED SINGLE FACE |
| (C3) | CLOCK - DIGITAL |
| | CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS |
| | CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS |
| | |
| DV | DELUGE VALVE |
| ITV | INSPECTION TEST VALVE |
| DC-1-1 | DRY CHEMICAL PANEL ONE IN MEZZANINE NO. 1 |

| SYMBOL | DESCRIPTION |
|---|---|
| | H.I.D. LIGHTING FIXTURE MTD. FROM POWER HOOK. |
| N.L. | H.I.D. LIGHTING FIXTURE WITHOUT POWER HOOK CIRCUITED NIGHT LIGHT CIRCUIT. |
| | OUTDOOR H.I.D. FLOODLIGHT TYPE AS INDICATED ON PLANS. |
| | OUTDOOR H.I.D. ROADWAY LIGHTING FIXTURE (TYPE AND NO. OF ARMS AS INDICATED ON PLANS) |
| | DECORATIVE H.I.D. ROADWAY LIGHTING FIXTURE (TYPE AND NO. OF ARMS AS INDICATED ON PLANS) |
| | 480V. FUSED POWER HOOK. |
| | OUTDOOR H.I.D. WALL MTD. LIGHTING FIXTURE (TYPE AS INDICATED ON PLANS) |
| | WALL MTD. INCANDESCENT LIGHTING FIXTURE (TYPE AS INDICATED ON PLANS) |
| | FLUORESCENT LIGHTING FIXTURE (TYPE AS INDICATED ON PLANS) |
| | FLUORESCENT LIGHTING FIXTURE MTD. FROM WIREWAY (TYPE AS INDICATED ON PLANS) |
| N.L. | FLUORESCENT NIGHT LIGHTING FIXTURE CIRCUITED FROM NIGHT LIGHTING CIRCUIT. (TYPE AS INDICATED ON PLANS) |
| | DRY TYPE LIGHTING OR RECEPTACLE TRANSFORMER WITH A FUSIBLE SECONDARY DISCONNECT SWITCH (UNLESS OTHERWISE NOTED) |
| | |
| | LIGHTING PANEL |
| | RECEPTACLE PANEL |
| | 480 V. POWER PANEL |
| | MINI-LOAD CENTER |
| | TELEPHONE TERMINAL CABINET |
| | 480 V. WELDER RECEPTACLE WITH DISCONNECT SWITCH. |
| | 120 V. DUPLEX RECEPTACLE |
| | SINGLE 120V. OUTLET |
| | 208 V., 30A., OUTLET 3 PHASE |
| | GROUND ROD. |
| | AMPLIFIER/HORN ON PLANT WIDE HORN SYSTEM |
| S M | FLUSH MOUNTED CEILING SPEAKER ON PLANT WIDE HORN SYSTEM |
| SA | SLAVE AMPLIFIER AND 120/24 VOLT TRANSFORMER |
| T S/S | THERMOSTAT WITH SELECTOR SWITCH & MOTOR SWITCH |
| | THERMOSTAT |
| | PUSH BUTTON STATION |
| | SELECTOR SWITCH |
| TB | TERMINAL BOX, SIZE AND NUMBER OF TERMINALS AS REQUIRED |
| J.B. | JUNCTION BOX |
| P.B. | PULL BOX |
| PS | PRESSURE SWITCH |
| S | SECTIONALIZED CONTROL VALVE SUPERVISORY SWITCH |
| P | POST INDICATING VALVE SUPERVISORY SWITCH |
| DS-1 | SUPERVISORY DOOR SWITCH, NUMBER CORRESPONDS TO ARCH. DOOR NUMBER |
| HS | SUPERVISORY HATCH SWITCH |
| F | FIRE AND WATCH BOX WITH TELEPHONE |
| FS-3 | FLOW SWITCH IN SPRINKLER RISER, NUMBER CORRESPONDS TO SPRINKLER RISER NUMBER |
| ASH-5 | AIR SUPPLY HOUSE |
| 375 / 12-3 | CABLE NUMBER<br>NUMBER OF SPARE PAIRS IN CABLE<br>TOTAL NUMBER OF SHIELDED PAIRS IN CABLE |
| U-101 | REMOTE DATA GATHERING CENTER (1/32" = 1'-0" PLANS) & HORN CONTROL ENCLOSURE |
| D U-101 | REMOTE DATA GATHERING CENTER (1" = 100' PLANS) & HORN CONTROL ENCLOSURE |
| RE-5 | REMOTE ENCLOSURE, NUMBER INDICATES THE NUMBER OF REMOTE START/STOP CARDS INSIDE THE ENCLOSURE. SIZE AS REQUIRED FOR REMOTE CARDS, CABLES AND 25% FOR FUTURE. |
| | SMOKE DETECTOR |
| | HEAT DETECTOR |

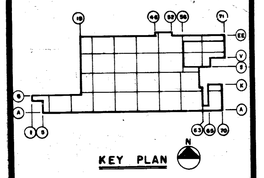
## 120/208 VOLT 3 PHASE 4 WIRE RECEPTACLE PANEL SCHEDULE

| PANEL NUMBER | ACTIVE 20A. 1-POLE | ACTIVE 30A 1-POLE | OTHER SIZES | | SPARE 20A. 1-POLE | MAIN BKR. SIZE | | TRANSF. KVA SIZE | LOCATION | TYPE OF MTG. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RP-5E | 7 | | | | 5 | 60A. | | 15 | COL. 5E | COLUMN | |
| RP-9O | 13 | | | | 7 | 100A. | | 30 | COL. 9O | | |
| RP-15D | 6 | | | | 14 | 100A. | | 30 | COL. 15D | | |
| RP-17D | 7 | | | | 5 | 60A. | | 15 | COL. 17D | | |
| RP-21T | 3 | | | | 9 | | | | COL. 21T | | |
| RP-21AA | 3 | | | | 9 | | | | COL. 21AA | | |
| RP-21C | 6 | | | | 6 | | | | COL. 21C | | |
| RP-22G | 3 | | | | 9 | | | | COL. 22G | | |
| RP-22P | 3 | | | | 9 | | | | COL. 22P | | |
| RP-23EL | 5 | | | | 15 | 100A. | | 30 | COL. 23EL | | |
| RP-24U | 3 | | | | 9 | 60A. | | 15 | COL. 24U | | |
| RP-25AA | 4 | | | | 8 | 60A. | | 15 | COL. 25AA | | |
| RP-27C | 3 | | | | 9 | 60A. | | 15 | COL. 27C | | |
| RP-27G | 8 | | | | 4 | 60A. | | 15 | COL. 27G | | |
| RP-27L | 2 | | | | 10 | 60A. | | 15 | COL. 27L | | |
| RP-28P | 6 | | | | 14 | 100A. | | 30 | COL. 28P | | |
| RP-29U | 4 | | | | 8 | 60A. | | 15 | COL. 29U | | |
| RP-29AA | 2 | | | | 10 | 60A. | | 15 | COL. 29AA | | |
| RP-33U | 3 | | | | 9 | 60A. | | 15 | COL. 33U | | |
| RP-33AA | 3 | | | | 9 | 60A. | | 15 | COL. 33AA | | |
| RP-33C | 6 | | | | 14 | 100A. | | 30 | COL. 33C | | |
| RP-34G | 6 | | | | 14 | 100A. | | 30 | COL. 34G | | |
| RP-34L | 3 | | | | 9 | 60A. | | 15 | COL. 34L | | |
| RP-34P | 3 | | | | 9 | 60A. | | 15 | COL. 34P | | |
| RP-37U | 2 | | | | 10 | 60A. | | 15 | COL. 37U | | |
| RP-37AA | 6 | | | | 14 | 100A. | | 30 | COL. 37AA | | |
| RP-39½C | 2 | | | | 10 | 60A. | | 15 | COL. 39½C | | |
| RP-39½G | 6 | | | | 14 | 100A. | | 30 | COL. 39½G | | |
| RP-39½L | 3 | | | | 9 | 60A. | | 15 | COL. 39½L | | |
| RP-39½U | 5 | | 20A-2P | | 5 | 60A. | | 15 | COL. 39½U | | |
| RP-40P | 3 | | | | 9 | | | | COL. 40P | | |
| RP-41U | 2 | | | | 10 | | | | COL. 41U | | |
| RP-41BB | 6 | | 40A-1P | | 5 | | | | COL. 41BB | | |
| RP-43U | 2 | | | | 10 | | | | COL. 43U | | |
| RP-43BB | 6 | | | | 6 | | | | COL. 43BB | | |
| RP-45U | 3 | | | | 9 | | | 30 | COL. 45U | | TRANSF. ALSO FEEDS RP-46U |
| RP-46C | 3 | 1 | | | 8 | | | 15 | COL. 46C | | |
| RP-46G | 3 | | | | 9 | | | | COL. 46G | | |
| RP-46L | 3 | | | | 9 | | | | COL. 46L | | |
| RP-46P | 3 | | | | 9 | | | | COL. 46P | | |
| RP-48¾N | 6 | | | | 14 | 100A. | | 30 | COL. 48¾N | | |
| RP-48BB | 4 | | | | 6 | 60A. | | 15 | COL. 48BB | | |
| RP-49T | 3 | | | | 9 | | | | COL. 49T | | |
| RP-50DD | 7 | | | | 5 | | | | COL. 50DD | | |
| RP-51C | 6 | | | | 6 | | | | COL. 51C | | |
| RP-51G | 3 | | | | 9 | | | | COL. 51G | | |
| RP-51L | 2 | | | | 10 | | | | COL. 51L | | |
| RP-52P | 6 | | | | 6 | | | | COL. 52P | | |
| RP-53T | 3 | | | | 9 | 60A. | | 15 | COL. 53T | | |
| RP-53¾N | 9 | | | | 11 | 100A. | | 30 | COL. 53¾N | | |
| RP-54CC | 2 | | | | 10 | 60A. | | 15 | COL. 54CC | | |
| RP-57D | 2 | | | | 10 | 60A. | | 15 | COL. 57D | | |
| RP-57¼N | 6 | | | | 14 | 100A. | | 30 | COL. 57¼N | | |
| RP-57P | 3 | | | | 9 | 60A. | | 15 | COL. 57P | | |
| RP-59P | 14 | | | | 6 | 100A | | 30 | COL. 59P | | |
| RP-61D | 3 | | | | 9 | 60A. | | 15 | COL. 61D | | |
| RP-61¼N | 3 | | | | 9 | 60A. | | 15 | COL. 61¼N | | |
| RP-61DD | 2 | | | | 10 | 60A. | | 30 | COL. 61DD | | TRANS. ALSO FEEDS LP-78B |
| RP-67D | 6 | | | | 6 | 60A. | | 15 | COL. 67D | | |
| RP-67¼N | 3 | | | | 9 | 60A. | | 15 | COL. 67¼N | | |
| RP-67DD | 3 | | | | 9 | 60A. | | 15 | COL. 67DD | | |
| RP-1-M2 | 25 | | 2-30A-2P<br>1-30A-3P | | 11 | 200A | | 45 | MEZZ. #2 | SURFACE | |
| RE-RP-16U | 17 | | | | 7 | 60A. | | SEE REMARKS | ROOF CONVEYOR ENCLOSURE | COLUMN | FED FROM TRANS. FOR RP-45U |
| RP-1-M1 | 15 | | 1-20A/2<br>6-20A/1<br>2-30A/1 | 5-20A/2<br>2-20A/1 | 1 | 400A. | | 112½ | KITCHEN MEZZ. #1 | FLUSH | |
| RP-2-M1 | 16 | | 2-30A/1<br>1-30A/2 | 3-20A/2<br>1-125A/3 | 2 | 400A. | | 112½ | | | |
| RP-3-M1 | 10 | | 2-20A/2 | 1-30A/3<br>1-20A/3 | 4 | 100A. | | 30 | | | |
| RP-1-M2 | 14 | | 1-20A/1<br>1-30A/1 | 5-20A/2<br>5-20A/3 | 2 | 400A. | | 112½ | KITCHEN MEZZ. #2 | | |
| RP-2-M2 | 16 | | 1-20A/1<br>1-30A/1 | 5-20A/2<br>1-125A/3 | 2 | 400A. | | 112½ | | | |
| RP-3-M2 | 10 | | 2-20A/2 | 1-30A/3<br>1-20A/3 | 4 | 100A. | | 30 | | | |
| RP-1-M3 | 15 | | 1-20A/1<br>6-20A/2<br>2-30A/1 | 5-20A/3<br>2-20A/3 | 1 | 400A. | | 112½ | KITCHEN MEZZ. #3 | | |
| RP-2-M3 | 16 | | 1-20A/1<br>2-30A/1 | 3-20A/3<br>7-125A/3 | 2 | 400A. | | 112½ | | | |
| RP-3-M3 | 10 | | 2-20A/2 | 1-30A/3<br>1-20A/3 | 4 | 100A. | | 30 | | | |

## 480 VOLT 3 PHASE 3 WIRE POWER PANEL SCHEDULE

| PANEL NUMBER | MAIN SWITCH SIZE | MAIN BUS SIZE | BRANCH CIRCUITS 30A.-3P. ACTIVE | 30A.-3P. SPARE | 100A.-3P. ACTIVE | 100A.-3P. SPARE | 200A.-3P ACTIVE | 200A.-3P SPARE | OTHERS | | PANEL FEEDER SIZE | TYPE OF MTG. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ERP-17G | 400A. | — | 2 | 2 | — | — | 2 | — | | | | SURFACE | |
| ERP-51½EE | 400A. | — | — | 4 | — | — | 2 | — | | | | | |
| ERP-53EE | 400A. | — | — | 4 | — | — | 2 | — | | | | | |
| ERP-63½F | 400A. | — | — | 4 | — | — | 2 | — | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 466 | 1-22-79 | WS | | |
| BULL 176 | 1-10-79 | WS | | |
| EFO 443 | 12-18-78 | WS | | |
| EFO 439 | 12-18-78 | WS | | |
| EFO 385 | 12-15-78 | T.J. | | |
| EFO 363 | 7-18-78 | J.K. | | |
| EFO 363 | 6-21-78 | J.K. | | |
| BULL 164 | 6-13-78 | T.J. | | |
| BULL 161 | 6-1-78 | TJ | | |
| EFO 295 | 6-2-78 | J.K. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| BULL 147 | 3/13/78 | TJ | | |
| BULL 120 | 11/15/77 | J.K. | | |
| EFO 396 | 10-31-77 | J.K. | | |
| BULL 133 | 9-19-77 | TJ | | |
| BULL 72 | 8 8 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 90 | 6-10-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

SYMBOL LIST & RECEPTACLE PANEL SCEDULE

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY H. G. P.

JOB CAPT. J. WALDROP
J. KONKLE

E-2
SHEET NUMBER

ARGO 118 REV. 12-69 K&E 17 0133 2-74 1750+

PROJECT NO. 4500 SHEET NO. E-3

## 120/208 VOLT 3 PHASE 4 WIRE LIGHTING PANEL SCHEDULE

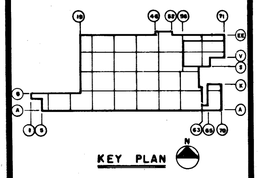
| PANEL NUMBER | ACTIVE 20A. 1-POLE | ACTIVE 30A. 1-POLE | OTHER SIZES | OTHER | SPARE 20-A. 1-POLE | MAIN BRKR. SIZE | CONTACTOR SIZE | TRANSF. KVA SIZE | LOCATION | TYPE OF MTG. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LP-1F | | | | | 10 | 60A. | NEMA 3 | 15 | | COLUMN | |
| LP-3G | 5 | 3 | | | 2 | | | | | | |
| LP-9E | | | | | 10 | ↓ | ↓ | ↓ | | | |
| LP-10B | | | | | 24 | 100A. | NEMA 4 | 30 | | | |
| LP-14D | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-20Y | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-21BB | | | | | | | | | | | |
| LP-21CC | | | | | | | | | | | |
| LP-21DD | | | | | | | | | | | |
| LP-22EE | | | | | | | | | | | |
| LP-23½AA | | | | | | | | | | | |
| LP-25E | | | | | | | | | | | |
| LP-26E | | | | | | | | | | | |
| LP-26L | | | | | | | | | | | |
| LP-27K | | | | | | | | | | | |
| LP-27Y | | | | | | | | | | | |
| LP-27BB | | | | | | | | | | | |
| LP-27CC | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-27EE | | | | | 36 | 200A. | NEMA 4 | 45 | | | |
| LP-29F | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-29J | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-29K | | | | | | | | | | | |
| LP-29AA | | | | | | | | | | | |
| LP-31½J | | | | | | | | | | | |
| LP-31½BB | | | | | | | | | | | |
| LP-32Y | | | | | | | | | | | |
| LP-33B | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-33EE | | | | | 38 | 200A. | NEMA 4 | 45 | | | |
| | | | | | | | | | | | |
| LP-35AA | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-36K | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-37D | | | | | | | | | | | |
| LP-37H₁ | | | | | | | | | | | |
| LP-37M | | | | | | | | | | | |
| LP-37W | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-37EE | | | | | 36 | 200A | NEMA 4 | 45 | | | |
| LP-39½AA | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-39½E | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-39½H₁ | | | | | | | | | | | |
| LP-40M | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| | | | | | | | | | | | |
| LP-41H₁ | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-42X₂ | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-43E-1 | | | | | | | | | | | |
| LP-43E-2 | | | | | | | | | | | |
| LP-43H₁-1 | | | | | | | | | | | |
| LP-43H₁-2 | | | | | | | | | | | |
| LP-43M | | | | | | | | | | | |
| LP-46E | | | | | | | | | | | |
| LP-46H₁-1 | | | | | | | | | | | |
| LP-46H₁-2 | | | | | | | | | | | |
| LP-46M | | | | | | | | | | | |
| LP-47½E | | | | | | | | | | | |
| LP-48Y | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| ✱ LP-48X₂ | | | | | 36 | 200A. | NEMA 4 | 45 | | | |
| LP-49E-1 | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-49E-2 | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-49H₁-1 | | | | | | | | | | | |
| LP-49H₁-2 | | | | | | | | | | | |
| LP-49M | | | | | | | | | | | |
| LP-49W | | | | | | | | | | | |
| LP-49X₁ | | | | | | | | | | | |
| LP-49AA | | | | | ↓ | | | | | | |
| LP-49BB | 1 | | | | 9 | | | | | | |
| LP-50AA | | | | | 10 | | | | | | |
| LP-51E | | | | | ↓ | | | | | | |
| LP-51H₂ | | | | | | | | | | | |
| LP-52H₂ | | | | | | | | | | | |
| LP-53C | | | | | | | | | | | |
| LP-53M-1 | | | | | | | | | | | |
| LP-53M-2 | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| ✱ LP-53X₂ | | | | | 36 | 200A. | NEMA 4 | 45 | | | |
| LP-53BB | | | | | 10 | 60A. | NEMA 3 | 15 | | | |
| LP-53CC | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-54C | | | | | | | | | | | |
| LP-54H₂ | | | | | | | | | | | |
| LP-54W | | | | | | | | | | | |
| LP-54X₁ | | | | | | | | | | | |
| LP-54Y | | | | | | | | | | | |
| LP-54AA | | | | | | | | | | | |
| LP-55WH₂ | | | | | | | | | | | |
| LP-55WEE | | | | | | | | | | | |
| LP-58E | | | | | | | | | | | |
| LP-58J | | | | | | | | | | | |
| LP-59F | | | | | | | | | | | |
| LP-61C | | | | | | | | | | | |
| LP-61F | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | ↓ | ↓ | ↓ | ↓ | | | |
| LP-TR8 | 4 | 2 | 1-30A/2P | | 2 | 60A. | | SEE REMARKS | TRANSF. RM #8 | SURFACE | FED FROM TRANSF. FOR RM #1 & 2 |
| LP-WW | 7 | | | | 14 | 100A. | | 30 | WELDER WTR. SUPPLY HOUSE | ↓ | |
| LP-1-M1 | 32 | | | | 10 | 200A. | | 45 | MEZZ. #1 | FLUSH | |
| LP-1-M2 | 42 | | | | 0 | 200A. | | | MEZZ. #2 | | |
| LP-2-M2 | 25 | | | | 9 | 200A. | | | | | |
| LP-3-M2 | 20 | | | | 13 | 200A. | | | ↓ | ↓ | |
| LP-1-M3 | 34 | | | | 8 | 200A. | | ↓ | MEZZ. #3 | ↓ | |
| P-LP-51-W | 9 | | | | 3 | 60A. | NEMA 3 | 15 | PAINT SHOP BOILT. ALUMINUM | SURFACE | MINI-LOAD CTR. |
| P-LP-48-BB | 13 | | | | 11 | 100A. | NEMA 4 | 30 | | | |
| ✱ P-LP-53-AA | | | | | 24 | | | 30 | | | |
| ✱ P-LP-55AA | | | | | 24 | | | 30 | ↓ | | |
| C-LP-50-AN | 12 | | | | 12 | ↓ | | 30 | PAINT SHOP CATWALK | ↓ | ↓ |

✱ LIGHTING PANELS FOR WAYNE ENGINEERING USE ONLY.

## 120/240 VOLT 1 PHASE 3 WIRE PANEL SCHEDULE

| PANEL NUMBER | ACTIVE 20A. 1-POLE | ACTIVE 30A. 1-POLE | OTHER SIZES | OTHER | SPARE 20A. 1-POLE | MAIN BRKR. SIZE | CONTACTOR SIZE | TRANSF. KVA SIZE | LOCATION | TYPE OF MTG | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LP-TR1 | 4 | | | | 2 | | | 5 (1φ) | TRANSF. RM #1 | SURFACE | MINI-LOAD CTR. |
| LP-TR2 | 4 | | | | 2 | | | ↓ | #2 | ↓ | ↓ |
| LP-TR3 | 4 | | | | 2 | | | | #3 | | |
| LP-TR4 | 4 | | | | 2 | | | | #4 | | |
| LP-TR5 | 4 | | | | 2 | | | | #5 | | |
| LP-TR6 | 4 | | | | 2 | | | ↓ | #6 | | |
| LP-TR7 | 6 | | | | 2 | | | 10(1φ) | #7 | ↓ | ↓ |
| | | | | | | | | | | | |
| LP-MT-7 | 7 | | | | 1 | | | 10(1φ) | MEZZ. TOILET #7 | SURFACE | MINI-LOAD CTR. |
| LP-MT-8 | 7 | | | | 1 | | | 10(1φ) | MEZZ. TOILET #8 | ↓ | ↓ |
| LP-MT-9 | 7 | | | | 1 | | | 10(1φ) | MEZZ. TOILET #9 | ↓ | ↓ |
| | | | | | | | | | | | |
| RPHT-WW | 8 | | | | 2 | 125 | | 25(1φ) | WELDER WTR. SUPPLY HOUSE | SURFACE | MINI-LOAD CTR. |
| | | | | | | | | | | | |
| EMERGENCY LIGHTING PANELS | | | | | | | | | | | |
| EM-LP-EG1 | 2 | | | | | | | 5(1φ) | EMERG. GEN. BLDG. #1 | SURFACE | MINI-LOAD CTR. |
| EM-LP-EG2 | 2 | | | | | | | 5(1φ) | EMERG. GEN. BLDG. #2 | ↓ | |
| EM-LP-EG3 | 2 | | | | | | | 5(1φ) | EMERG. GEN. BLDG. #3 | | ↓ |
| EM-LP-EG4 | 2 | | | | | | | 5(1φ) | EMERG. GEN. BLDG. #4 | | |
| EM-LP-M1 | 2 | | | | 4 | | | 5(1φ) | MEZZ. #1 | | MINI-LOAD CTR. |
| EM-LP-M2 | 4 | | | | 4 | | | 10(1φ) | MEZZ. #2 | | ↓ |
| EM-LP-M3 | 2 | | | | 4 | | | 5(1φ) | MEZZ #3 | | |
| EM-LP-WW | 1 | | | | | | | 5(1φ) | WELDER WATER SUPPLY HOUSE | | |
| EM-LP-P | 5 | | | | 3 | | | 10(1φ) | PAINT & PAINT BOILT. ALUMINUM | | MINI-LOAD CTR. |
| EM-CLP-50X₁ | 4 | | | | 4 | | | 10 (1φ) | PAINT, SHOP CATWALKS | | MINI-LOAD CTR. |
| EM-LP-T-G | 2 | | | | 2 | | | 5 (1φ) | TRANSF. RM #2 | ↓ | MINI-LOAD CTR. |
| EM-LP-T-RB | 1 | | | | 3 | | | 5(1φ) | TRANSF. RM #8 | ↓ | MINI-LOAD CTR. |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 4076 | 2-7-79 | W.S. | | |
| EFO 366 | 9-19-78 | T.J. | | |
| EFO 360 | 7-5-78 | T.J. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL #96 | 9-19-77 | T.J. | | |
| BULL #89 | 9-19-77 | T.W. | | |
| BULL #71 | 8-10-77 | J.K. | | |
| BULL-61 | 7-7-77 | J.K. | | |
| BULL-20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

LIGHTING PANEL SCHEDULE

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

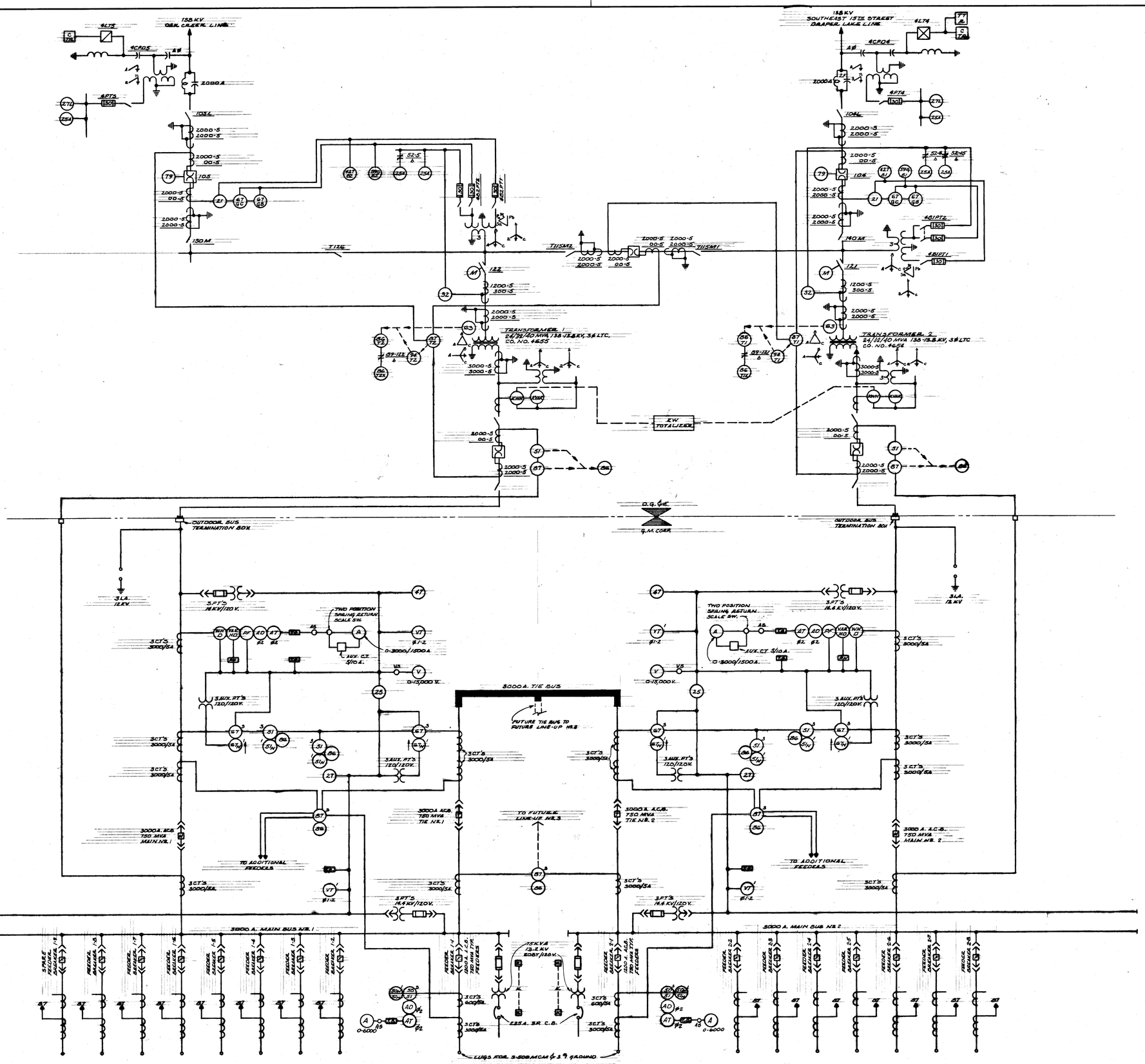
DATE 3-23-77

DRAWN BY J.W. & J.G.P.

JOB CAPT. J. WALDROP
J. KONVALE

E-3
SHEET NUMBER

ARGO 118 REV. 12-69 KBE 17 0133 2-74 1790+




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# PRIMARY SWITCH HOUSE & O.G.&E. ONE LINE

SHEET TITLE

OWNER'S IDENTIFICATION

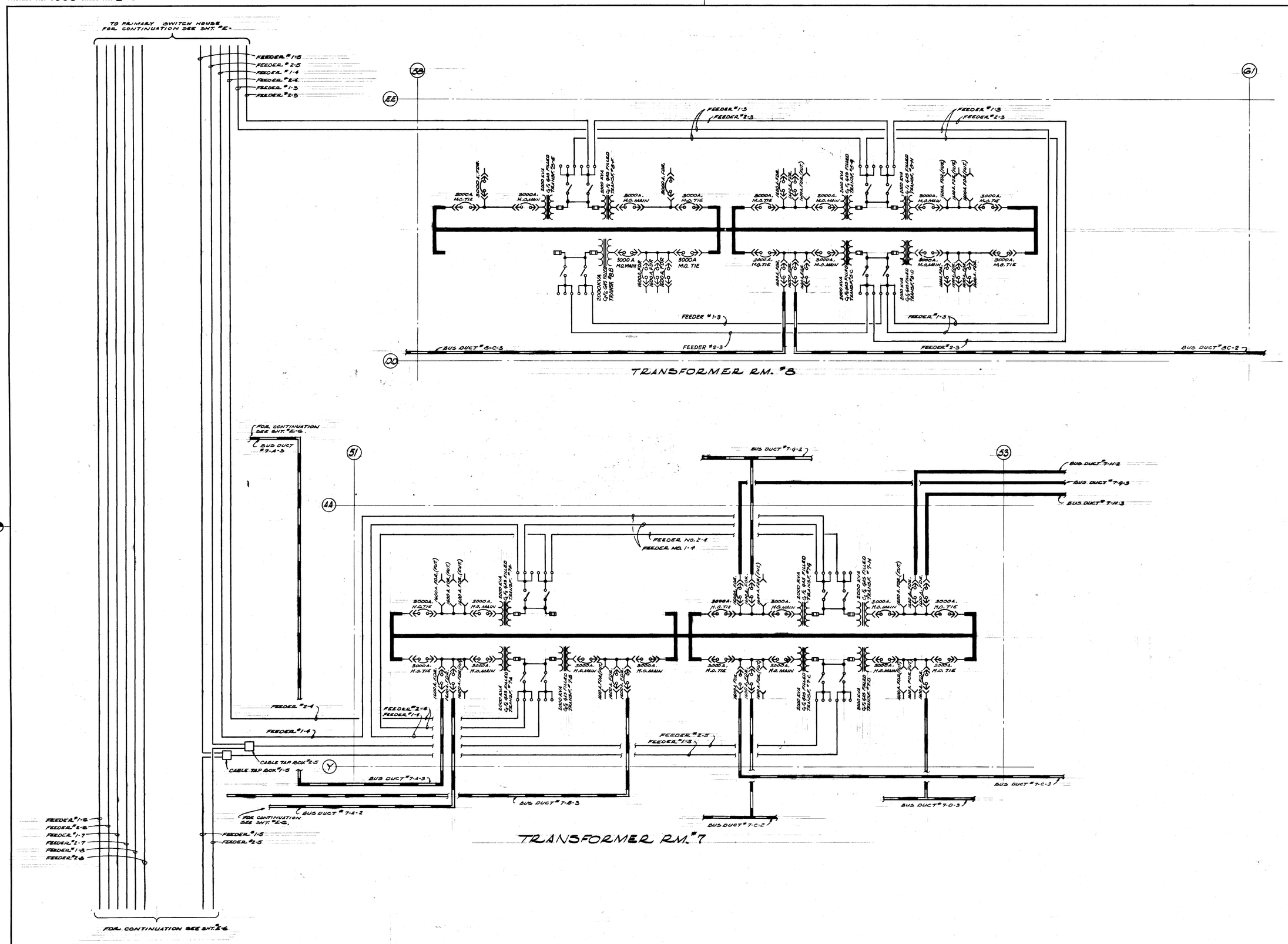
4500
P.E.&C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS, J. KONIKLE

E-4
SHEET NUMBER




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL. 20 | J.C. Kowal | R. J. Swan |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #46 | 2-22-78 | JK | J. Konkle | R. J. Swan |
| BULL #30 | 11-15-77 | J.K. | J. Konkle | R. J. Swan |
| BULL #1 | 9-1-77 | TJ | | R. J. Swan |
| BULL #1 | 7-7-77 | J K | J. Konkle | R. J. Swan |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ASSEMBLY BUILDING
SUBSTATIONS #7 & #8
ONE LINE

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

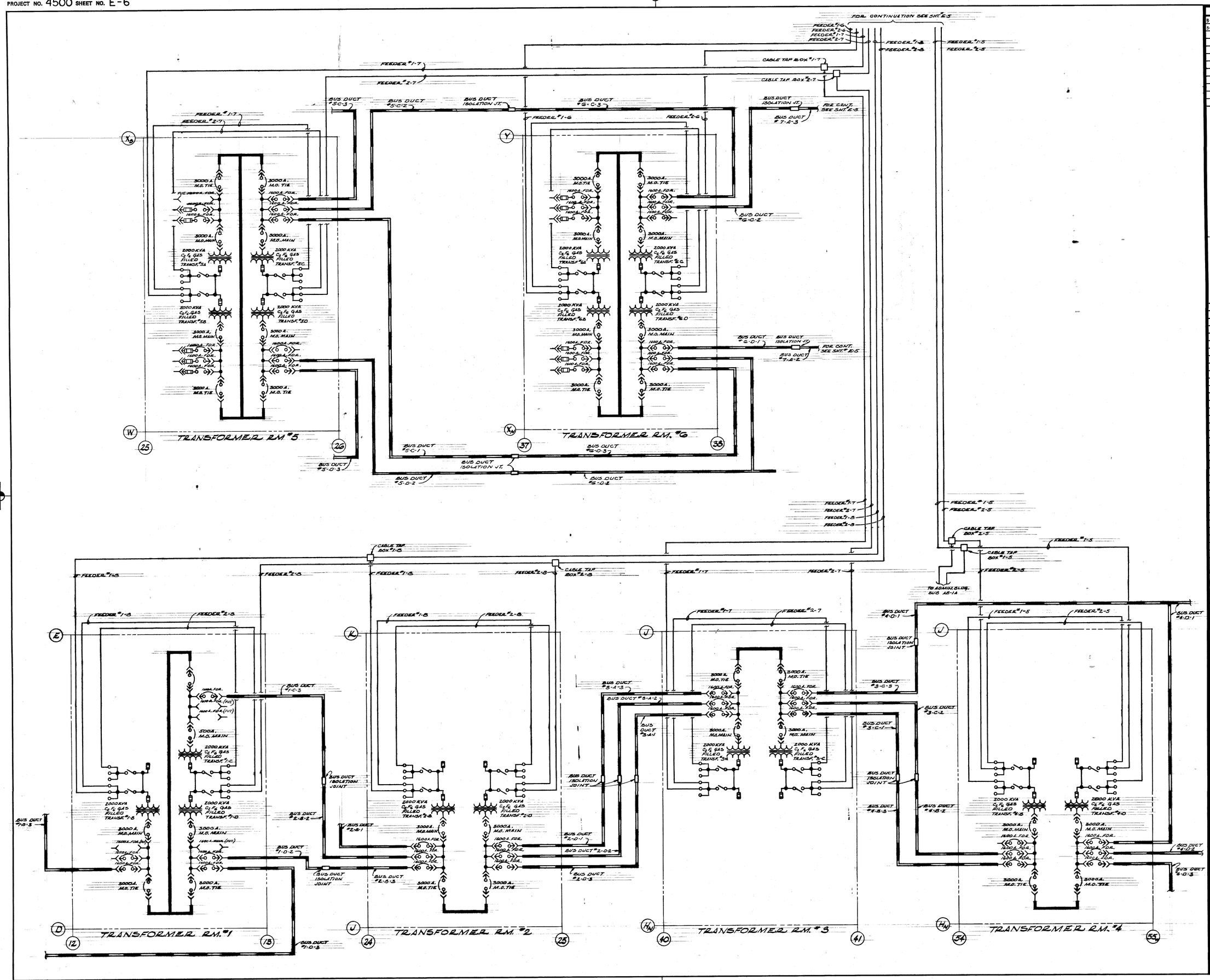
DATE 5-18-77

DRAWN BY T.T.T.

JOB CAPT. R. EDWARDS
J. KONKLE

E-5
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-6




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL-61 | 7-7-77 | JK | | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

GENERAL MOTORS CORPORATION 485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ASSEMBLY BUILDING SUBSTATIONS #1 THRU #6 ONE LINE

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

DATE 3-23-77

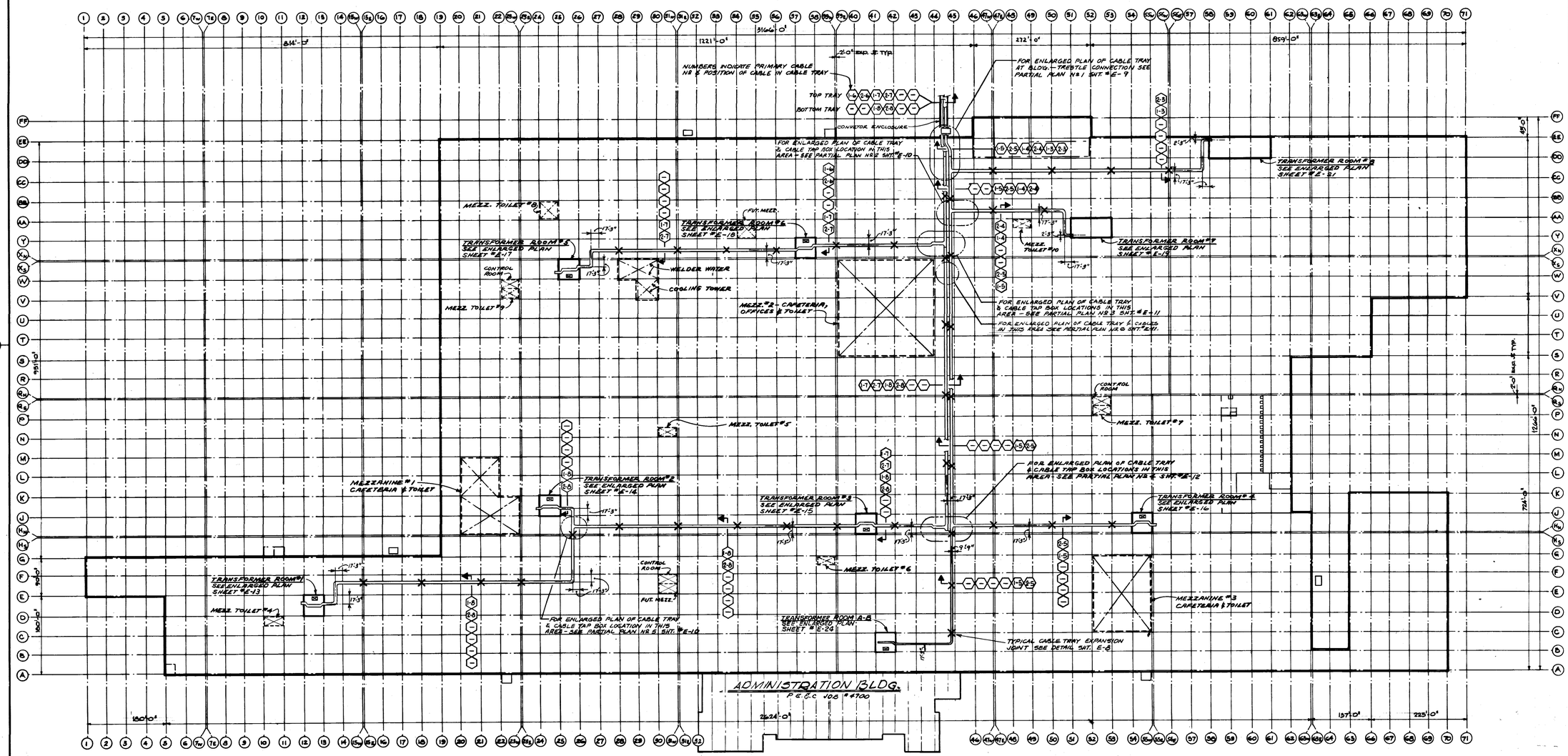
DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS J. KONKLE

SHEET NUMBER: E-6

ARGO 118 REV. 12-69 K&E 17 0183 3-74 1790+

PROJECT NO. 4500 SHEET NO. E-7




NOTE:

1. THE BAY BETWEEN COL. LINES 44 & 45, FOR THE ENTIRE BLDG. COL. LINE 'A' TO 'E', IS THE MAIN UTILITY BAY FOR PRIMARY CABLE TRAY AND MECH. PIPING. ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF CABLE TRAY IN THIS AREA WITH OTHER ELECTRICAL & MECH. EQUIPMENT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #79 | 9-29-77 | JK | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 53 | 6-21-77 | JK | REF | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ASSEMBLY BUILDING
PRIMARY CABLE TRAY
ROUTING PLAN

SHEET TITLE

OWNER'S IDENTIFICATION

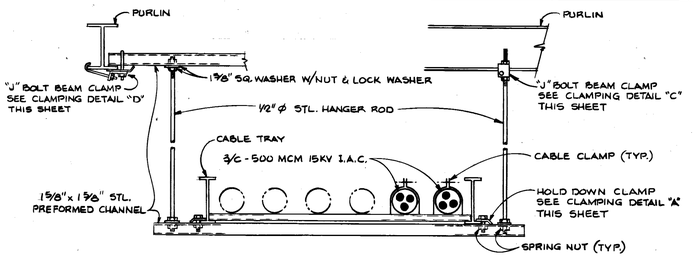
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

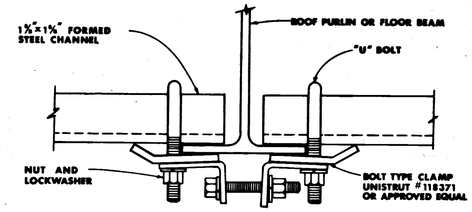
DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS
J. KONKLE

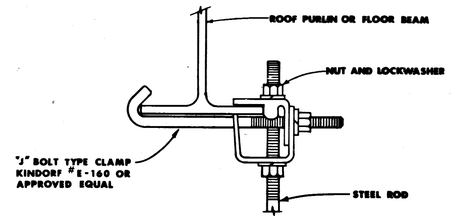
E-7
SHEET NUMBER



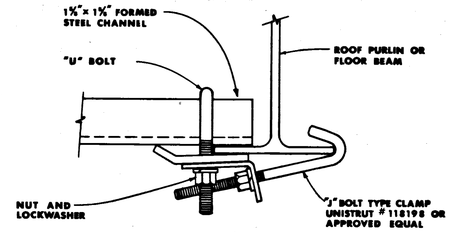

TYPICAL INDOOR CABLE TRAY MOUNTING DETAIL
N.T.S.



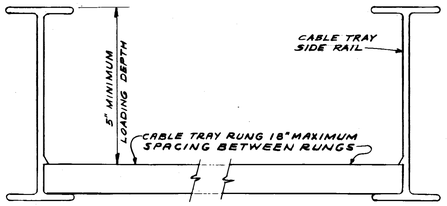

CLAMPING DETAIL "B"
N.T.S.



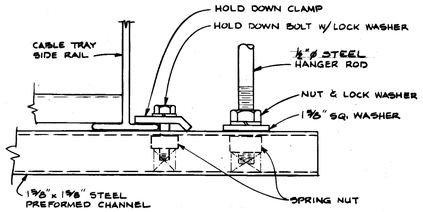

CLAMPING DETAIL "C"
N.T.S.



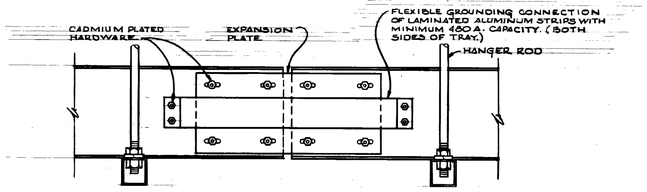

CLAMPING DETAIL "D"
N.T.S.



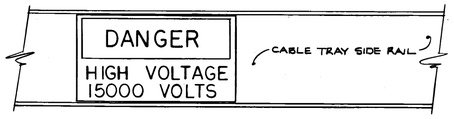

CABLE TRAY SECTION
N.T.S




CLAMPING DETAIL "A"
N.T.S.

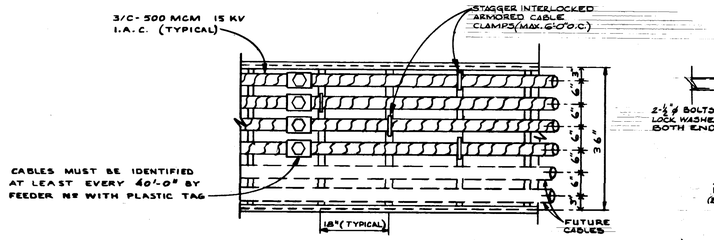



EXPANSION FITTING & CABLE TRAY GROUND CONNECTION DETAIL
N.T.S.

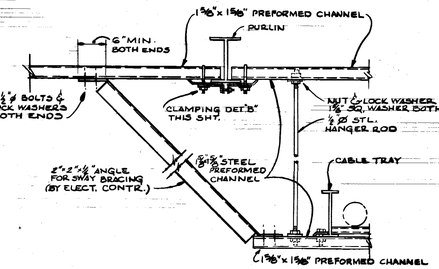



WARNING SIGN
N.T.S.

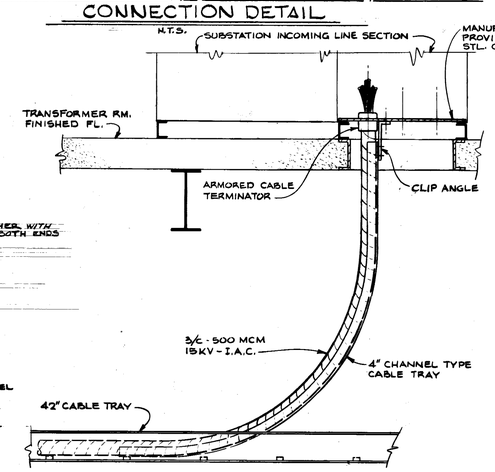
NOTE: MOUNT SIGN ON BOTH SIDES OF CABLE TRAY AT INTERVALS NOT TO EXCEED 50'-0" ON EACH SIDE.



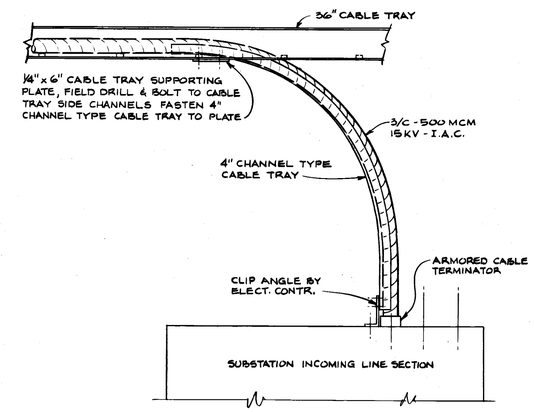

DETAIL - HORIZONTAL CABLE FASTENING
NTS



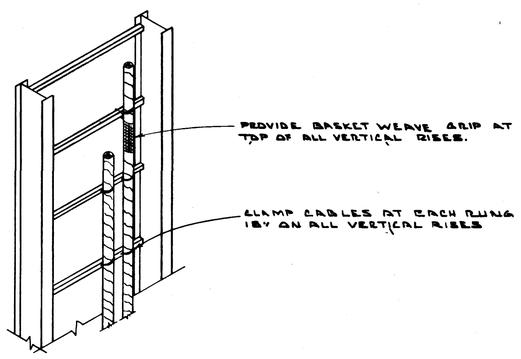

TYPICAL INDOOR CABLE TRAY SWAY BRACING DETAIL
N.T.S.



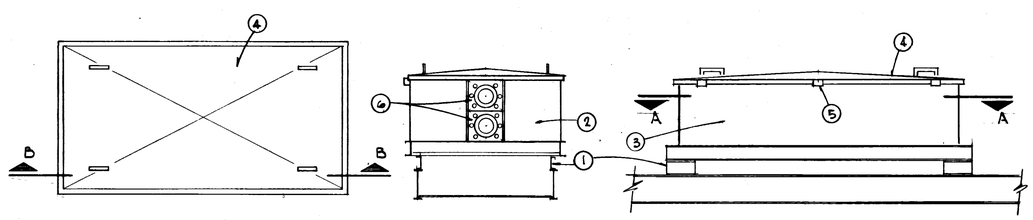

CABLE TERMINATION DETAIL AT SUBSTATION - BOTTOM ENTRY
N.T.S.




CABLE TERMINATION DETAIL AT SUBSTATION - TOP ENTRY
N.T.S.

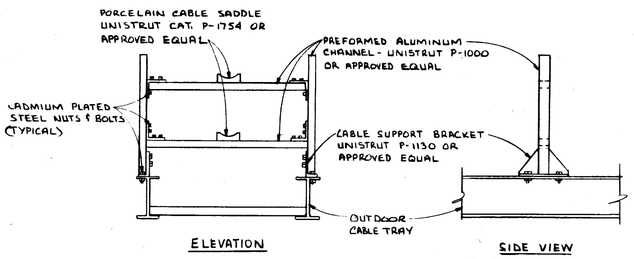



DETAIL - VERTICAL CABLE FASTENING
N.T.S.

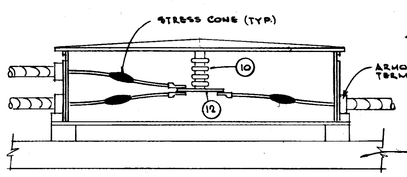



PLAN VIEW — END VIEW — SIDE VIEW

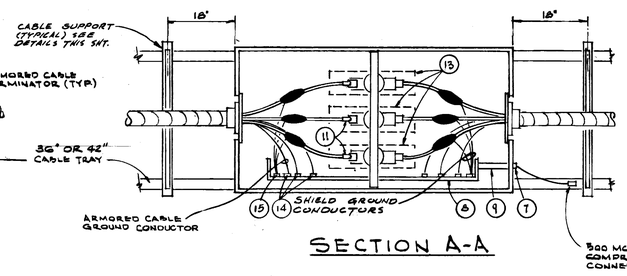
| TAP BOX MATERIAL LIST | |
|---|---|
| ITEM | DESCRIPTION |
| 1 | ADJUSTABLE 4" CHANNEL FOR MOUNTING ON 36" OR 42" CABLE TRAY. |
| 2 | DETACHABLE END SECTION |
| 3 | DETACHABLE SIDE SECTION |
| 4 | COVER EQUIPPED WITH PULL PIN TYPE HINGES ON EACH SIDE |
| 5 | DRAW PULL CATCHES WITH PROVISIONS FOR PADLOCKING EACH SIDE |
| 6 | WEATHERPROOF ARMORED CABLE TERMINATOR LOCATION PROVIDED WITH REMOVABLE GASKETED PLATES 0.38" THICK |
| 7 | COPPER GROUND PAD - NEMA DRILLING |
| 8 | COPPER GROUND BAR |
| 9 | COPPER STRAP CONNECTING GROUND BAR TO EXTERNAL GROUND PAD |
| 10 | PORCELAIN INSULATOR (3 REQUIRED) |
| 11 | 2 HOLE DOUBLE INDENT CABLE LUG (3 REQ'D PER PRIMARY CABLE) FOR 500 MCM CABLE |
| 12 | DRILLED COPPER BUS FOR TERMINATION OF LINE AND TAP LEADS |
| 13 | PVC INSULATING SPLIT BOOT ALLIS-CHALMERS CAT. NO. 18-388-734001 (2 REQ'D) AND CAT. NO. 18-388-734002 (1 REQ'D) OR APPROVED EQUAL |
| 14 | DOUBLE INDENT CABLE LUG FOR #1 GROUND CABLE (3 REQ'D. PER PRIMARY CABLE) |
| 15 | GROUND CONNECTOR FOR 3#6 SHIELD GROUND CONDUCTORS |




CABLE SUPPORT DETAILS
N.T.S.




SECTION B-B




SECTION A-A

TYPICAL 15 KV PRIMARY CABLE TAP BOX DETAILS No SCALE

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 3-25-77 | MISC. STL. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFD-241 | 2-6-78 | JK | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT DIVISION OF GENERAL MOTORS — ARCHITECTURE & ENGINEERING

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

CABLE TRAY DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

4500 — P. E. & C. PROJECT NUMBER

DATE 3-23-77

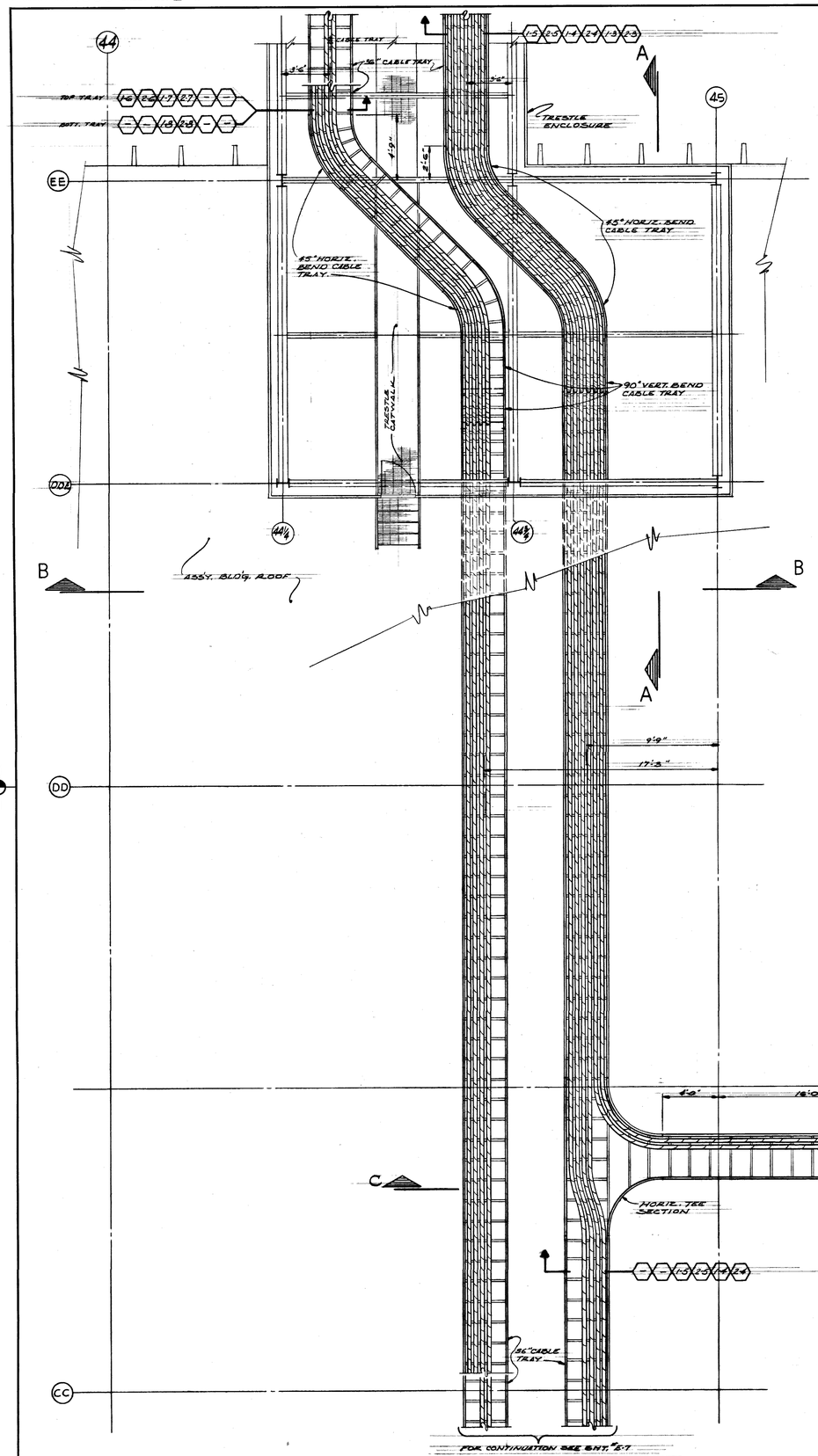
DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS, J. KONKLE

E-8 — SHEET NUMBER

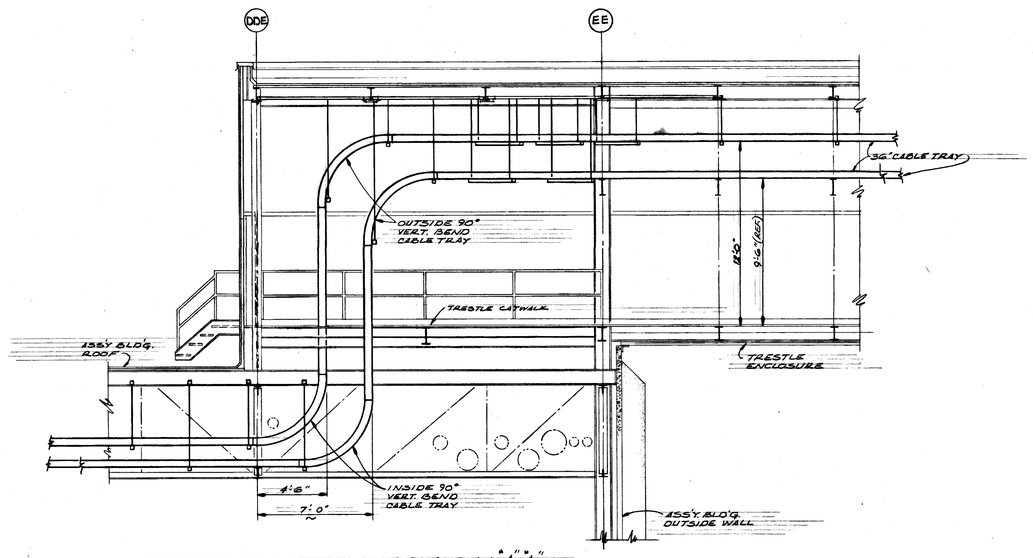
KJSC 17 0150 6-73 1126M

PROJECT NO. 4500 SHEET NO. E-9



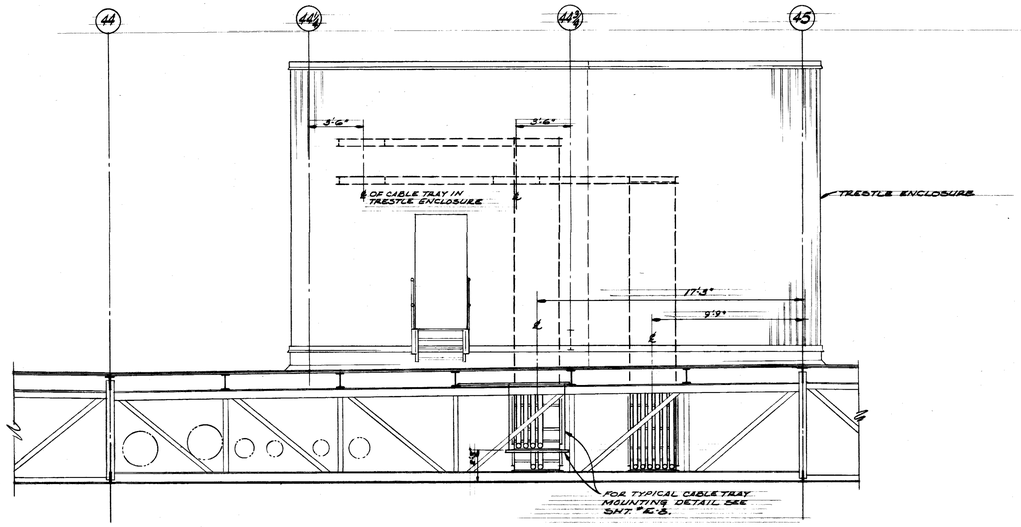

CABLE TRAY PARTIAL PLAN No. 1

SCALE: 1/8" = 1'-0"



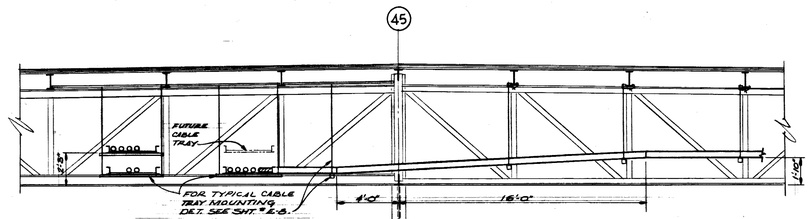

SECTION "A-A"

SCALE: 1/8" = 1'-0"




SECTION "B-B"

SCALE: 1/8" = 1'-0"



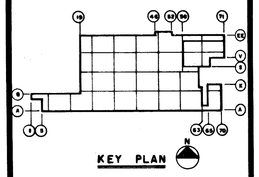

SECTION "C-C"

SCALE: 1/8" = 1'-0"

## GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHT. "E-1".
2. CABLE TRAY MUST BE SUPPORTED EVERY 7'-6" & AT EACH VERTICAL OR HORIZONTAL BEND, FOR DETAILS SEE SHT. "E-3".

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. & I&D | | |
| 3-23-77 | PRIME MECH. REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | | |
| BULL 22 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR

OKLAHOMA INDUSTRIES AUTHORITY

TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

CABLE TRAY PARTIAL PLAN #1

SHEET TITLE

OWNER'S IDENTIFICATION

4500

P. E. & C. PROJECT NUMBER

DATE 3-23-77

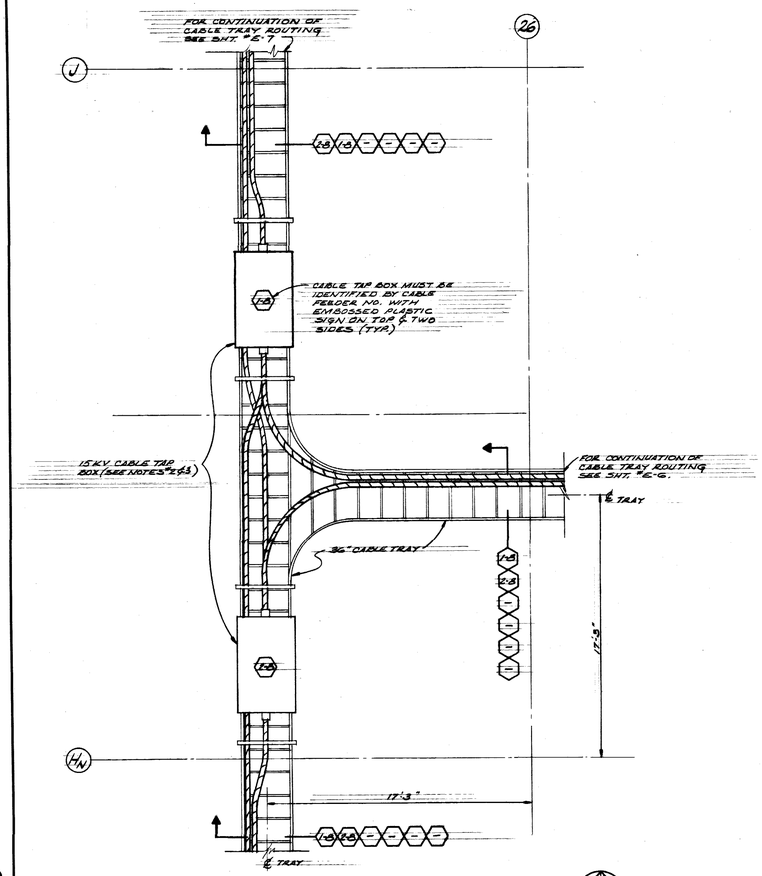
DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS J. KONKLE

E-9

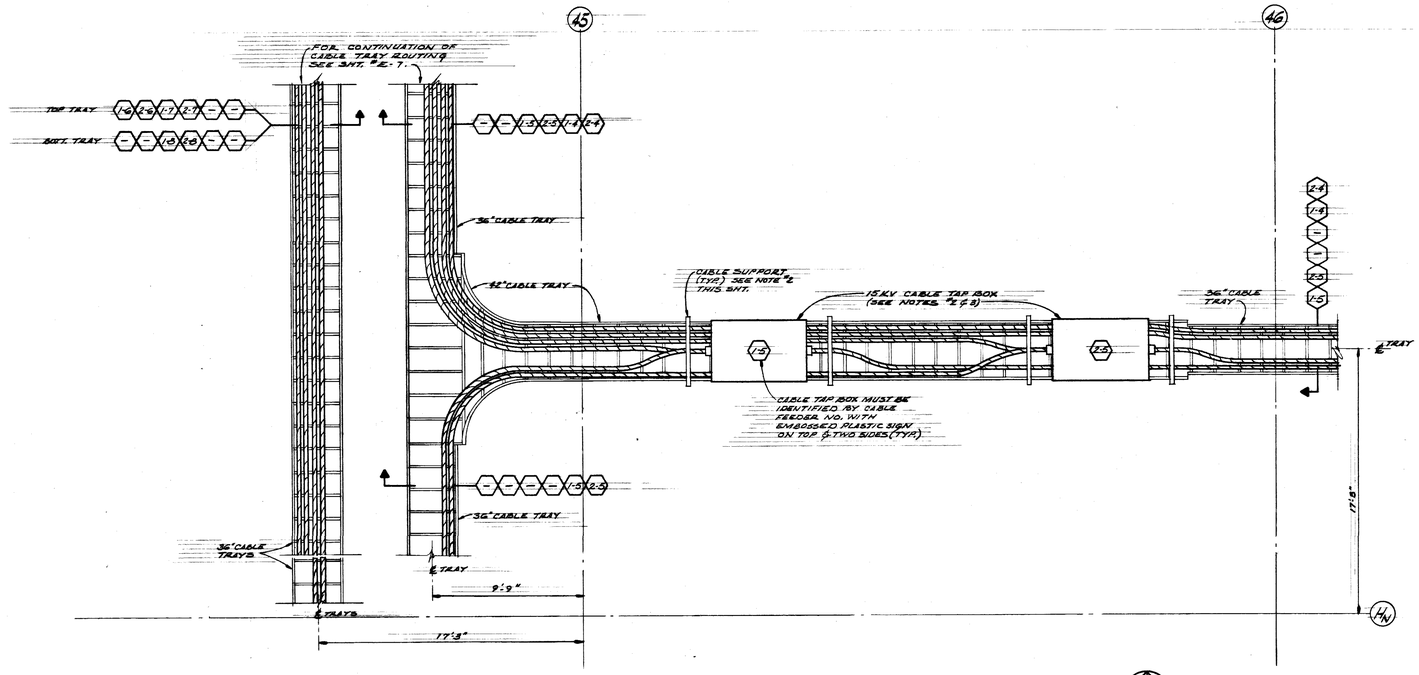
SHEET NUMBER

ARGO 116 REV. 12-69 K&E 17 0133 2-24 1790



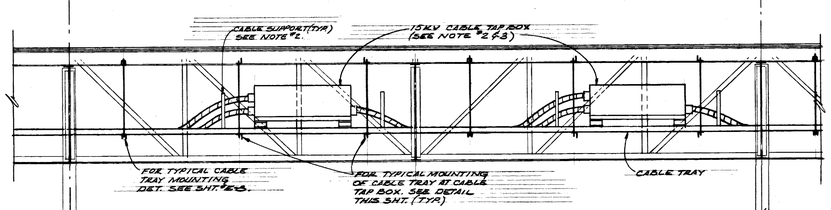

CABLE TRAY PARTIAL PLAN Nº 5

SCALE: 1/4"=1'-0"



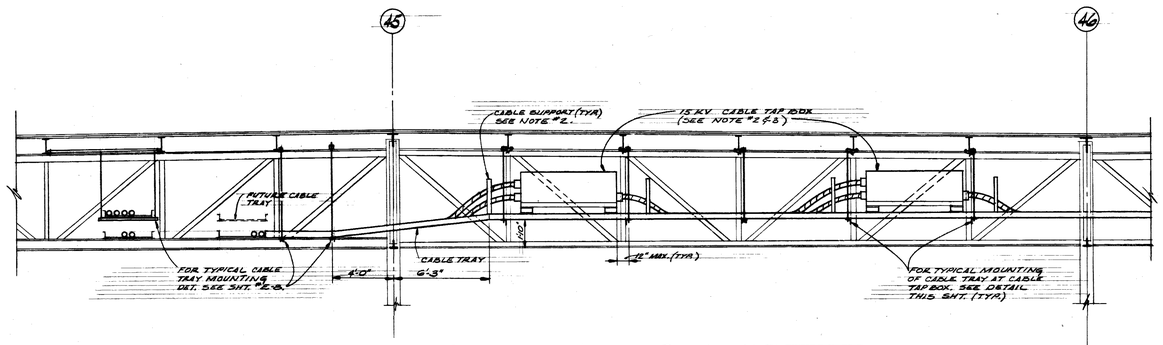

CABLE TRAY PARTIAL PLAN Nº 2

SCALE: 1/4"=1'-0"



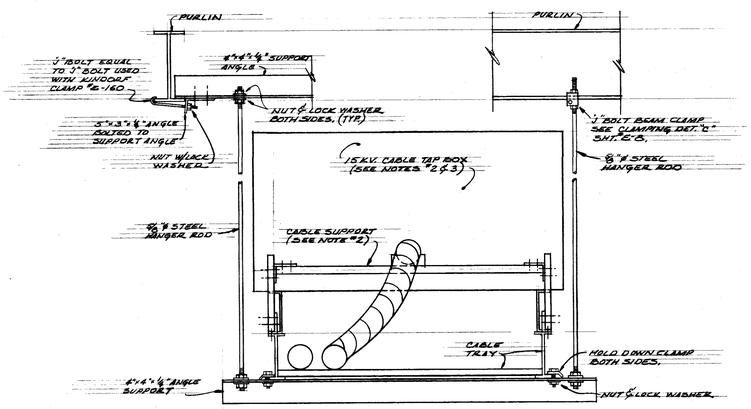

ELEVATION OF PARTIAL PLAN Nº 5

SCALE: 1/4"=1'-0"




ELEVATION OF PARTIAL PLAN Nº 2

SCALE: 1/4"=1'-0"




TYPICAL MOUNTING DETAIL OF CABLE TRAY AT CABLE TAP BOX

N.T.S.

PLAN - TYPICAL 15 KV CABLE SPLICE KIT IN CABLE TRAY

N.T.S.

## GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHT. #E-1.
2. FOR DETAILS OF CABLE TRAY, 15 KV CABLE TAP BOX AND CABLE SUPPORTING SYSTEM AT THE 13 KV CABLE TAP BOX SEE SHT. #E-8.
3. INSTALL 15 KV CABLE TAP BOXES BETWEEN ROOF PURLINS TO ALLOW SUFFICIENT CLEARANCE FOR COVER REMOVAL AND MAINTENANCE.
4. CABLE TRAY MUST BE SUPPORTED EVERY 7'-6" ± AT EACH VERTICAL OR HORIZONTAL BEND.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | J K | | |
| BULL 20 | 5-18-77 | J K | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT — DIVISION OF GENERAL MOTORS & 485 WEST WILLIAMSTON AVENUE & DETROIT, MICHIGAN — DESIGN & ENGINEERING

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

CABLE TRAY PARTIAL PLANS #2 & 5

SHEET TITLE

OWNER'S IDENTIFICATION

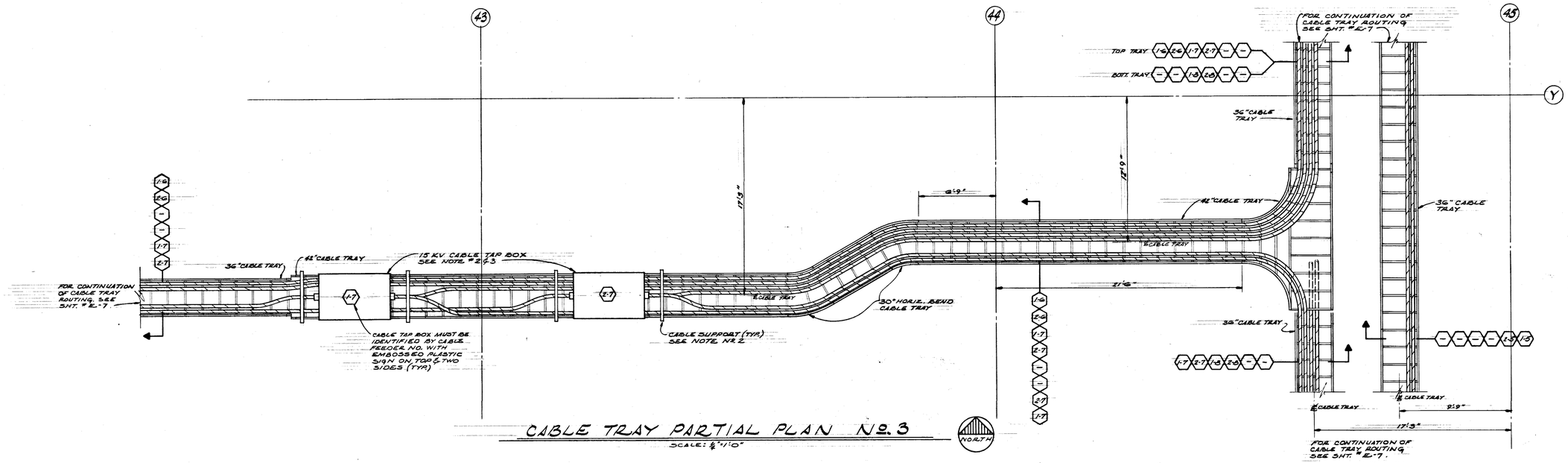
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

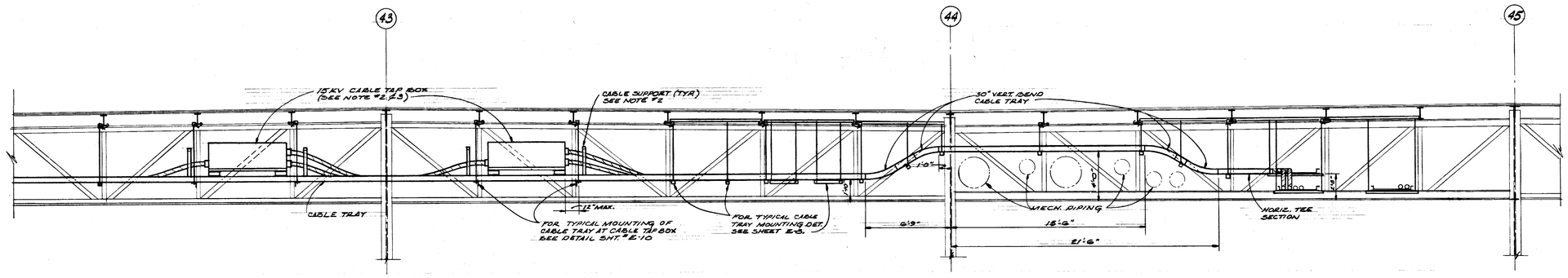
JOB CAPT. R. EDWARDS J. KONKLE

E-10
SHEET NUMBER




CABLE TRAY PARTIAL PLAN No. 3

SCALE: 1/4"=1'-0"

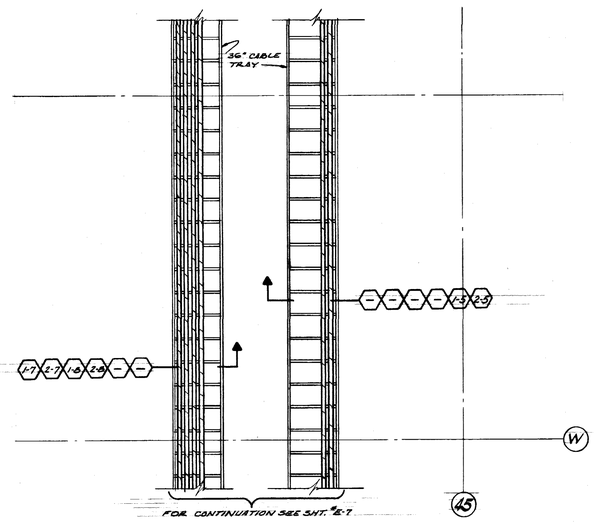



ELEVATION OF PARTIAL PLAN No. 3

SCALE: 1/4"=1'-0"

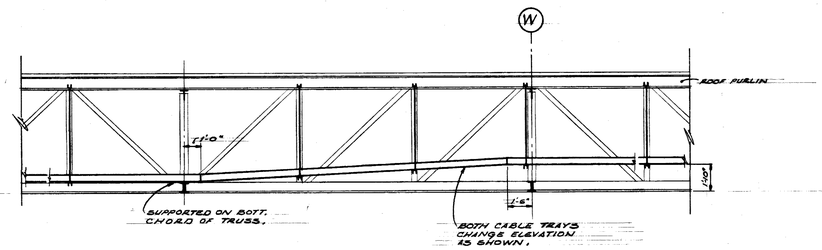
## GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET NO. E-1.
2. FOR DETAILS OF CABLE TRAY, 15 KV CABLE TAP BOX AND CABLE SUPPORTING SYSTEM AT THE 15 KV CABLE TAP BOX SEE SHEET NO. E-8.
3. INSTALL 15 KV CABLE TAP BOXES BETWEEN ROOF PURLINS TO ALLOW SUFFICIENT CLEARANCE FOR COVER REMOVAL & MAINTENANCE.
4. CABLE TRAY MUST BE SUPPORTED EVERY 7'-6" & AT EACH VERTICAL OR HORIZONTAL BEND.




CABLE TRAY PARTIAL PLAN No. 6

SCALE: 1/4"=1'-0"




ELEVATION OF PARTIAL PLAN No. 6

SCALE: 1/4"=1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

DIVISION OF GENERAL MOTORS

485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

CABLE TRAY PARTIAL PLANS #3 & #6

SHEET TITLE

OWNER'S IDENTIFICATION

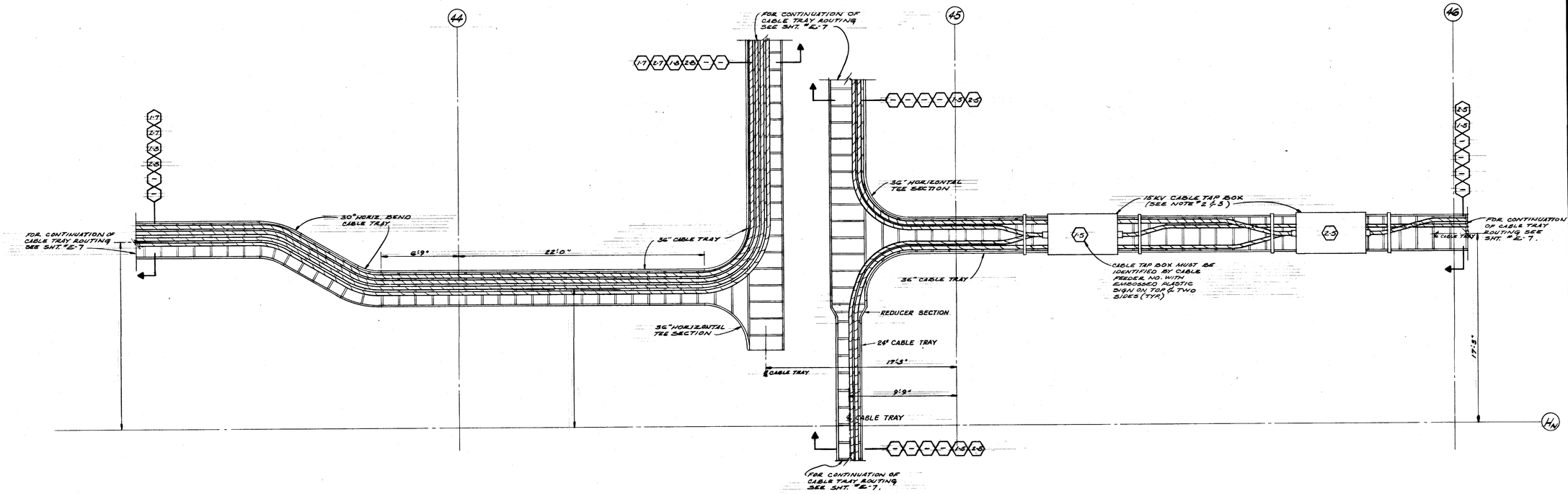
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

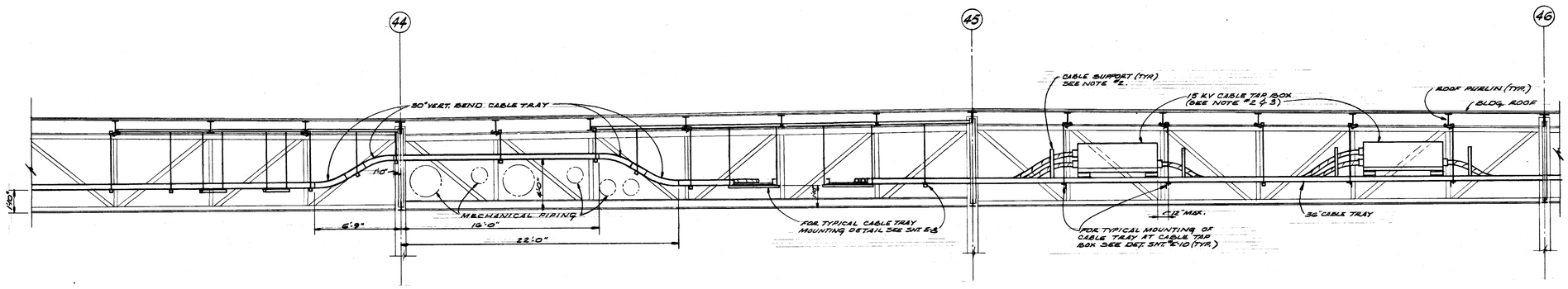
JOB CAPT. R. EDWARDS J. KONKLE

E-11
SHEET NUMBER




## CABLE TRAY PARTIAL PLAN NO. 4

SCALE: 1/4" = 1'-0"



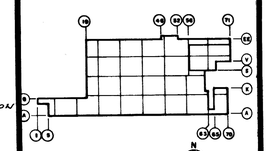

## ELEVATION OF PARTIAL PLAN NO. 4

SCALE: 1/4" = 1'-0"

## GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET NO. E-1.
2. FOR DETAILS OF CABLE TRAY, 15 KV CABLE TAP BOX AND CABLE SUPPORTING SYSTEM AT THE 15 KV CABLE TAP BOX SEE SHEET NO. E-8.
3. INSTALL 15 KV CABLE TAP BOXES BETWEEN ROOF PURLINS TO ALLOW SUFFICIENT CLEARANCE FOR COVER REMOVAL & MAINTENANCE.
4. CABLE TRAY MUST BE SUPPORTED EVERY 7'-6" & AT EACH VERTICAL OR HORIZONTAL BEND.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REP. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. #19 | 9-29-77 | J.K. | | |
| BULL. 61 | 7-7-77 | J.K. | | |
| BULL. 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR

OKLAHOMA INDUSTRIES AUTHORITY

TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

CABLE TRAY PARTIAL PLAN #4

SHEET TITLE

OWNER'S IDENTIFICATION

4500

P. E. & C. PROJECT NUMBER

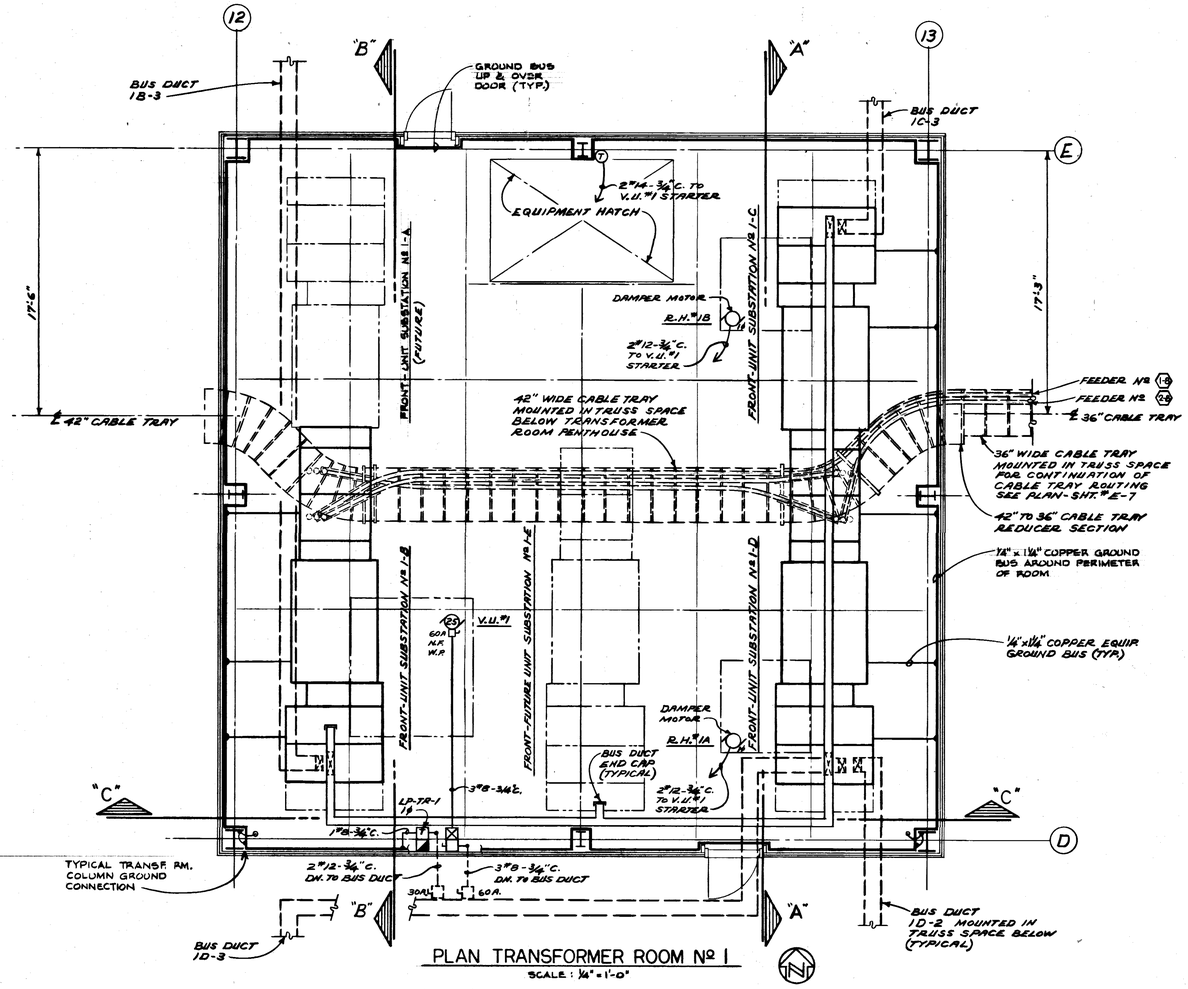
DATE 3-23-77

DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS J. KONKLE

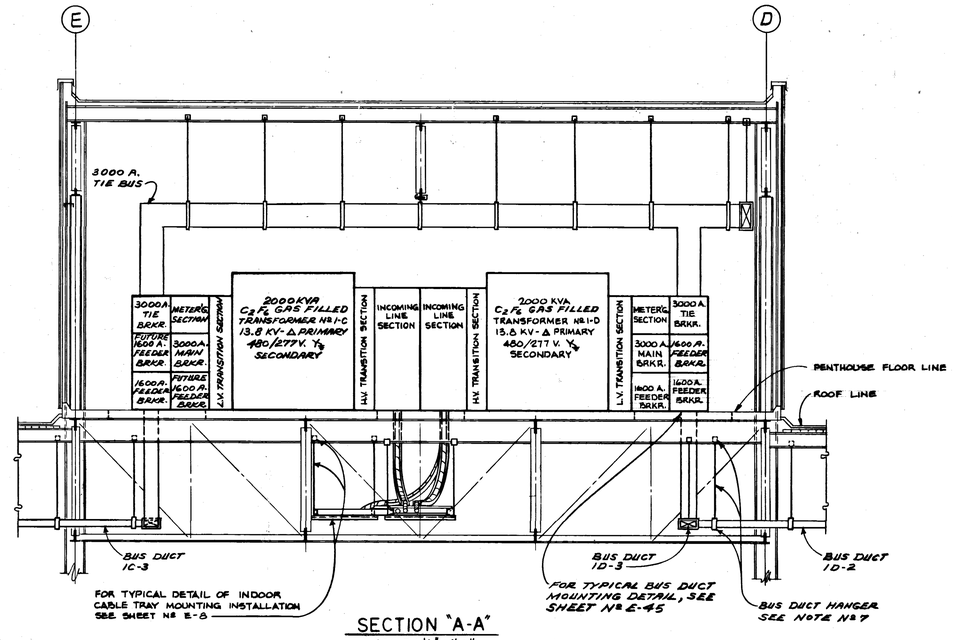
E-12

SHEET NUMBER



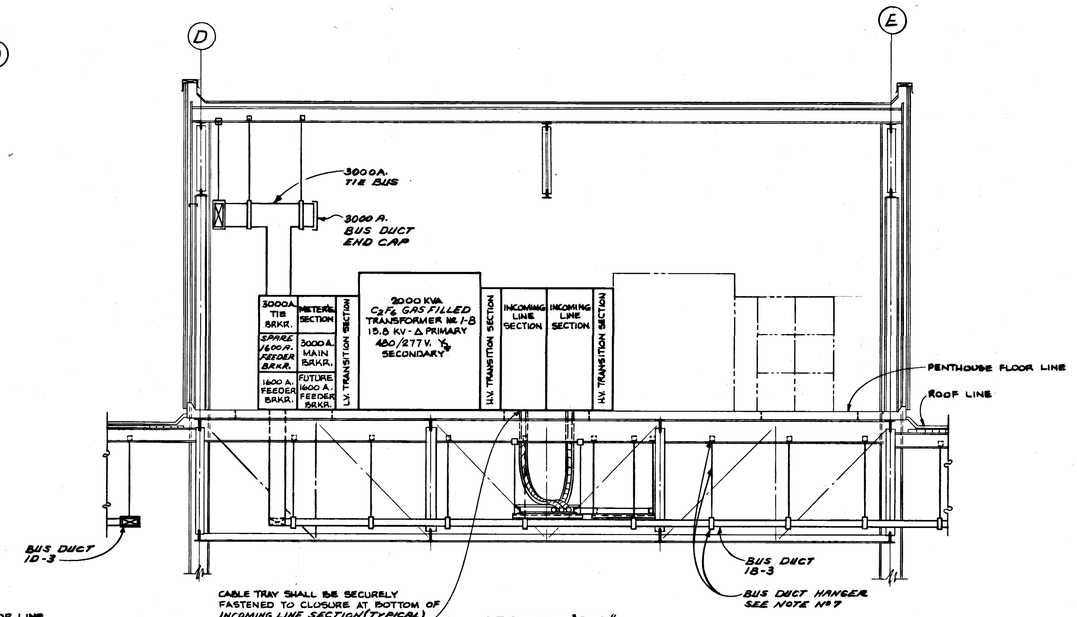

PLAN TRANSFORMER ROOM Nº 1

SCALE: 1/4" = 1'-0"



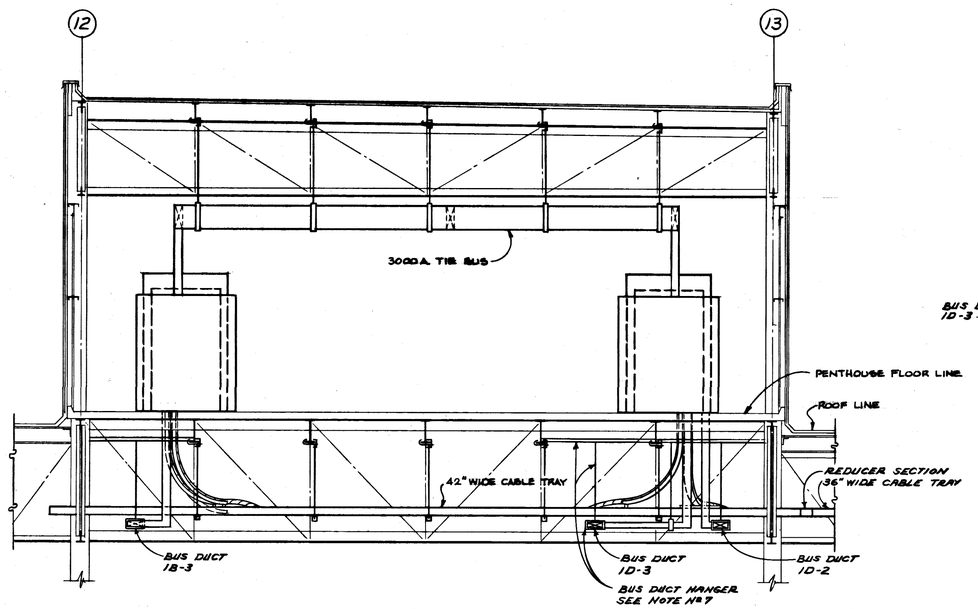

SECTION "A-A"

SCALE: 1/4" = 1'-0"




SECTION "B-B"

SCALE: 1/4" = 1'-0"



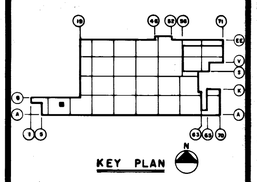

SECTION "C-C"

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | J C Dam | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-10-77 | SUPPORTS SLAB REF. | | |
| 5-25-77 | MISC. STL. REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | | |
| BULL 53 | 6-21-77 | JK | REF | |
| BULL 20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - TRANSFORMER ROOM Nº 1 POWER AND ELEVATIONS

SHEET TITLE

OWNER'S IDENTIFICATION

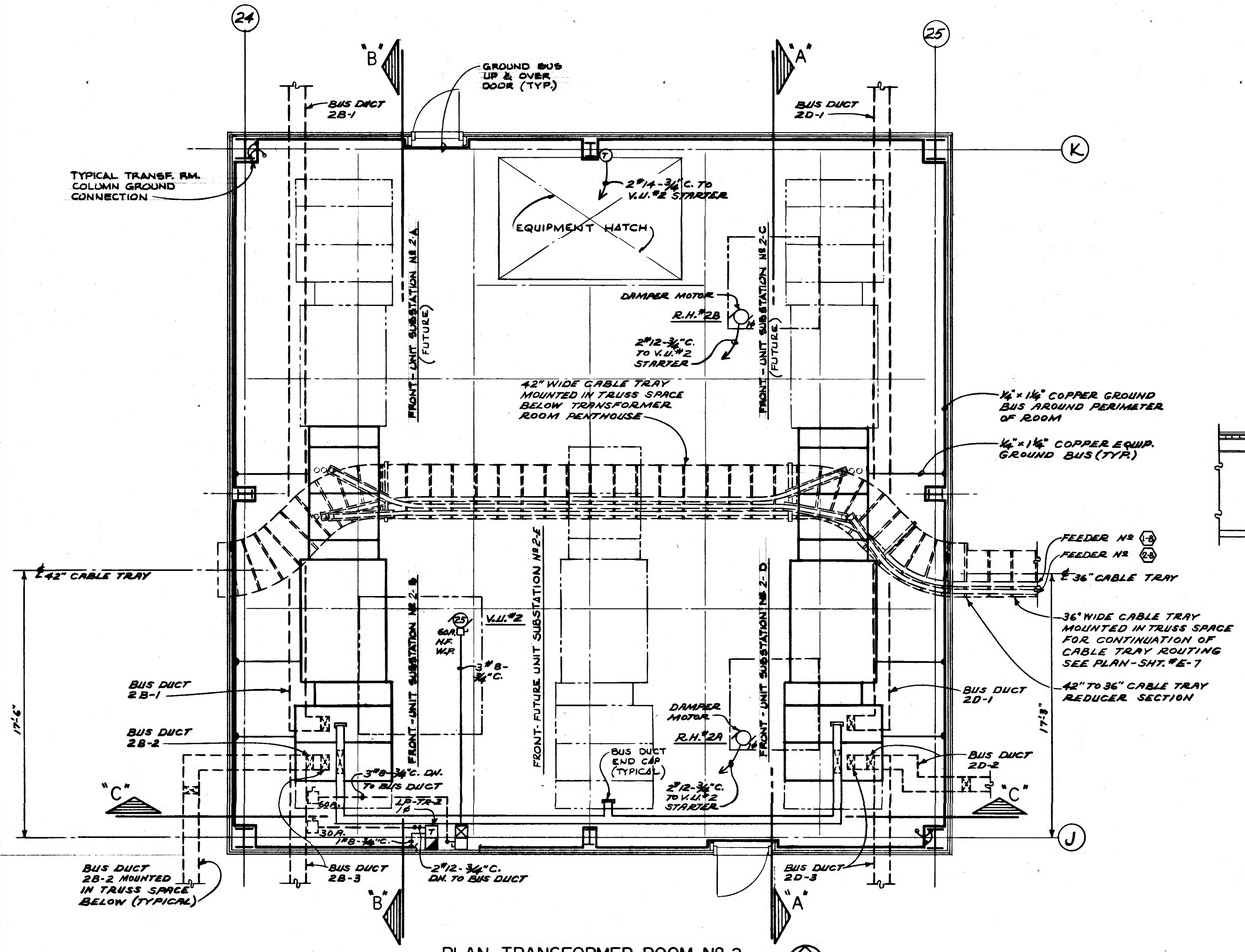
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

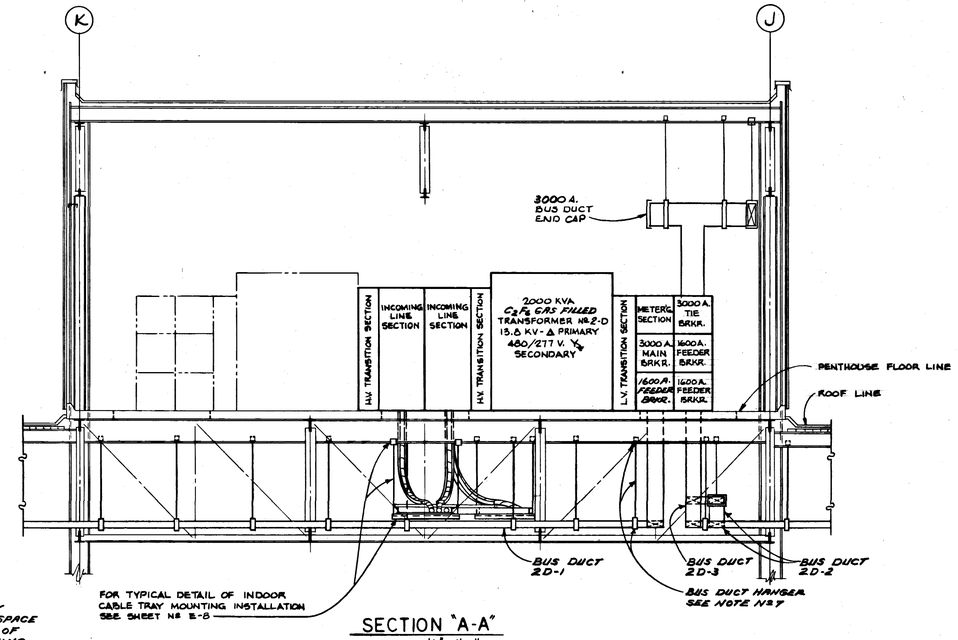
JOB CAPT. R. EDWARDS J. KONKLE

E-13
SHEET NUMBER



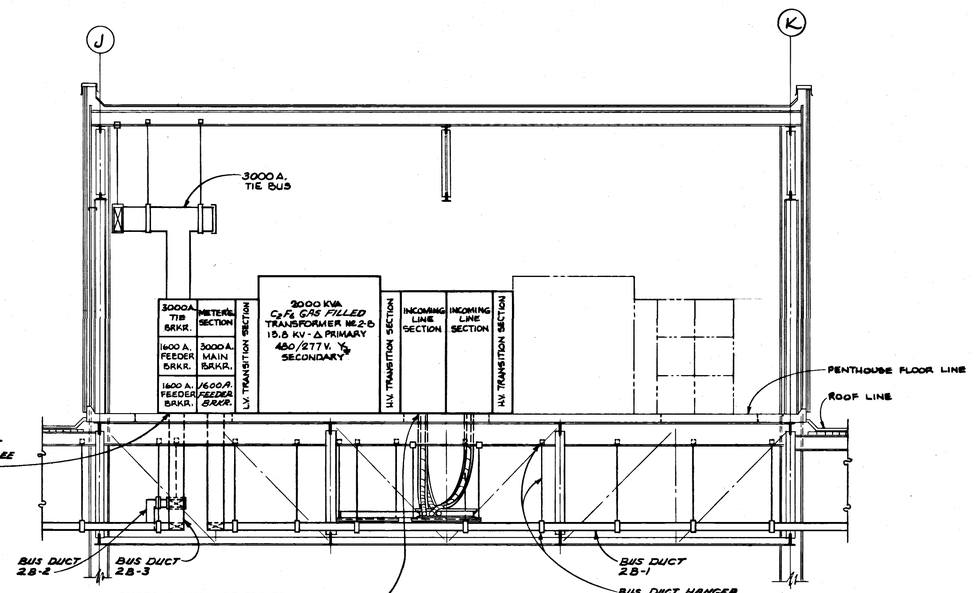

PLAN TRANSFORMER ROOM Nº 2

SCALE: 1/4" = 1'-0"



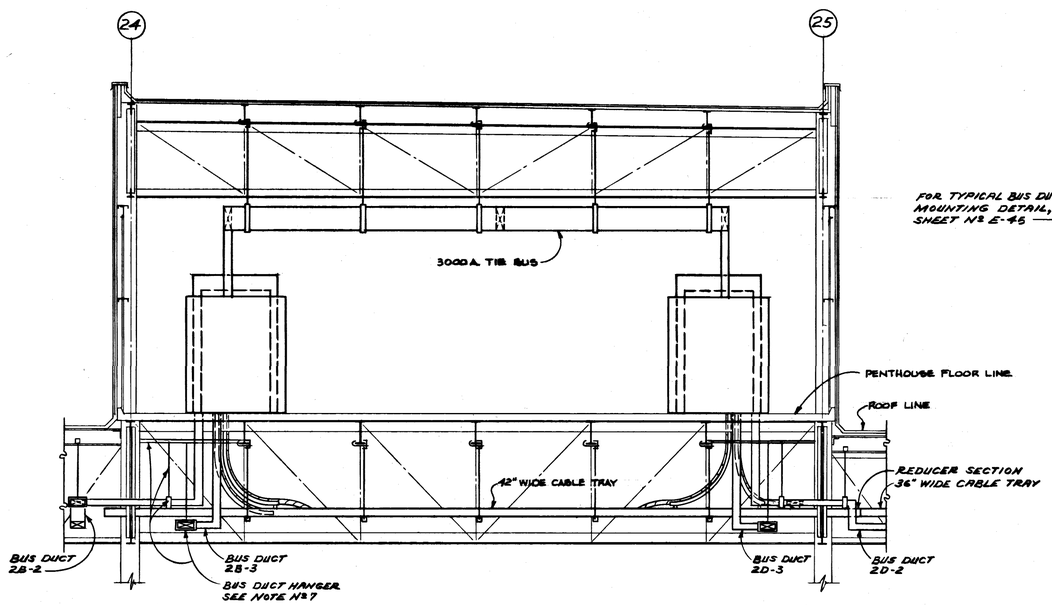

SECTION "A-A"

SCALE: 1/4" = 1'-0"




SECTION "B-B"

SCALE: 1/4" = 1'-0"



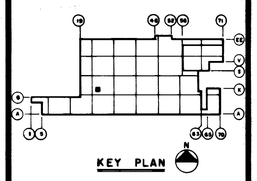

SECTION "C-C"

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPORTD. SLAB REF. | | |
| 5-25-77 | MISC STL. REF | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL-61 | 7-7-77 | JK | | |
| BULL-53 | 6-21-77 | JK | REF | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

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STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - TRANSFORMER ROOM Nº 2 POWER AND ELEVATIONS

SHEET TITLE

OWNER'S IDENTIFICATION

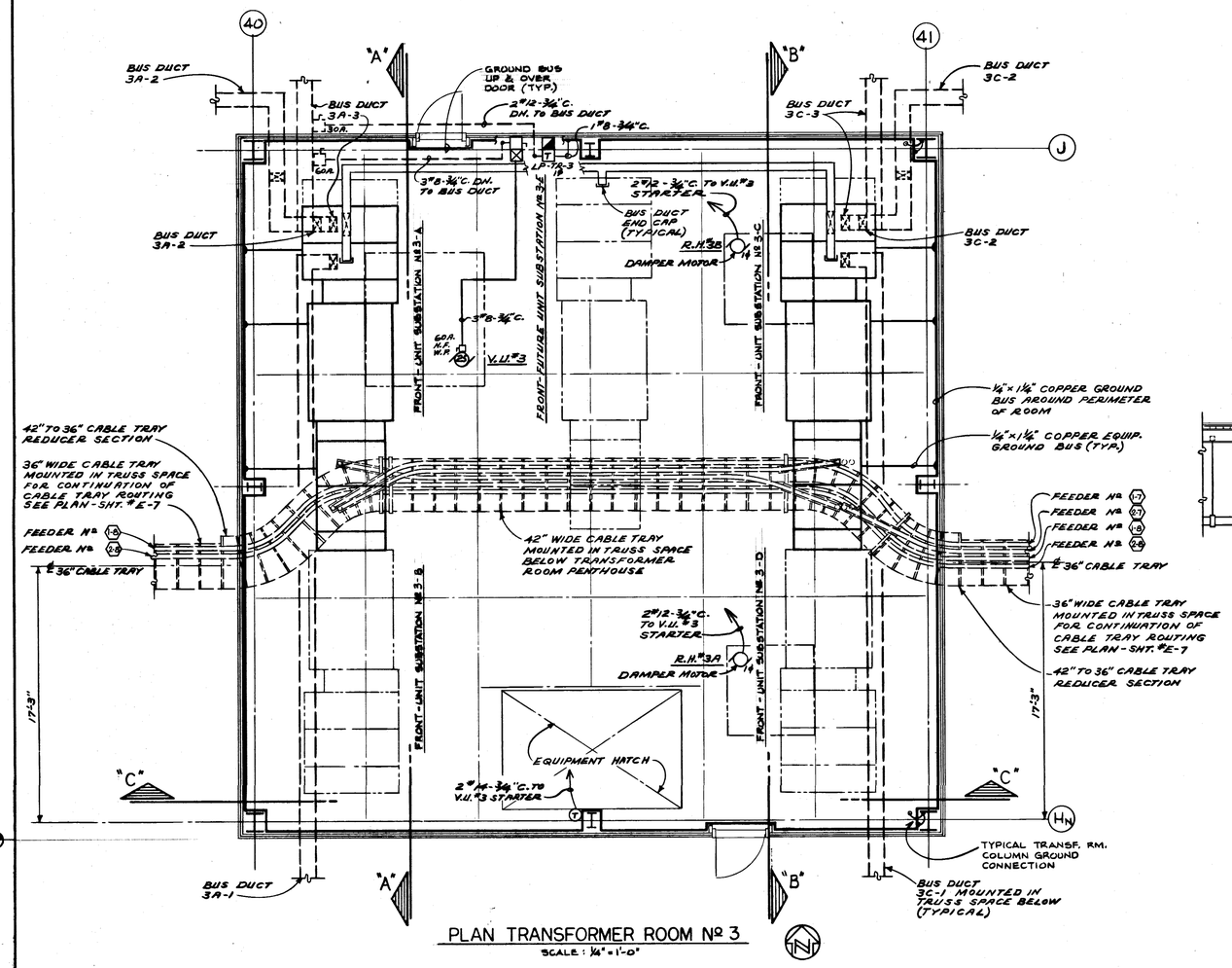
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

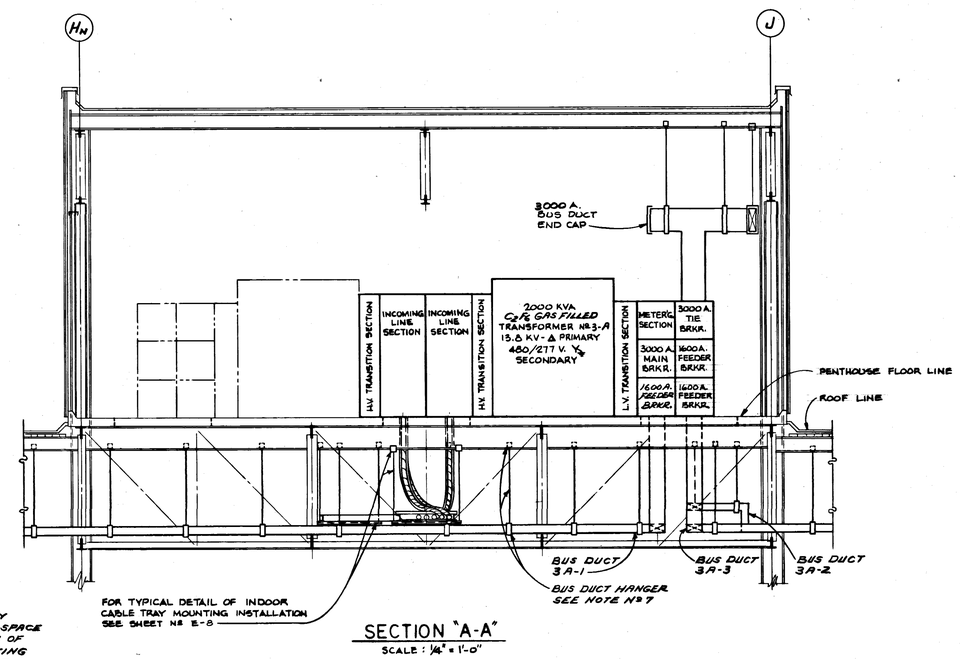
JOB CAPT. R. EDWARDS J. KONKLE

E-14
SHEET NUMBER



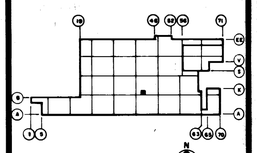

PLAN TRANSFORMER ROOM Nº 3

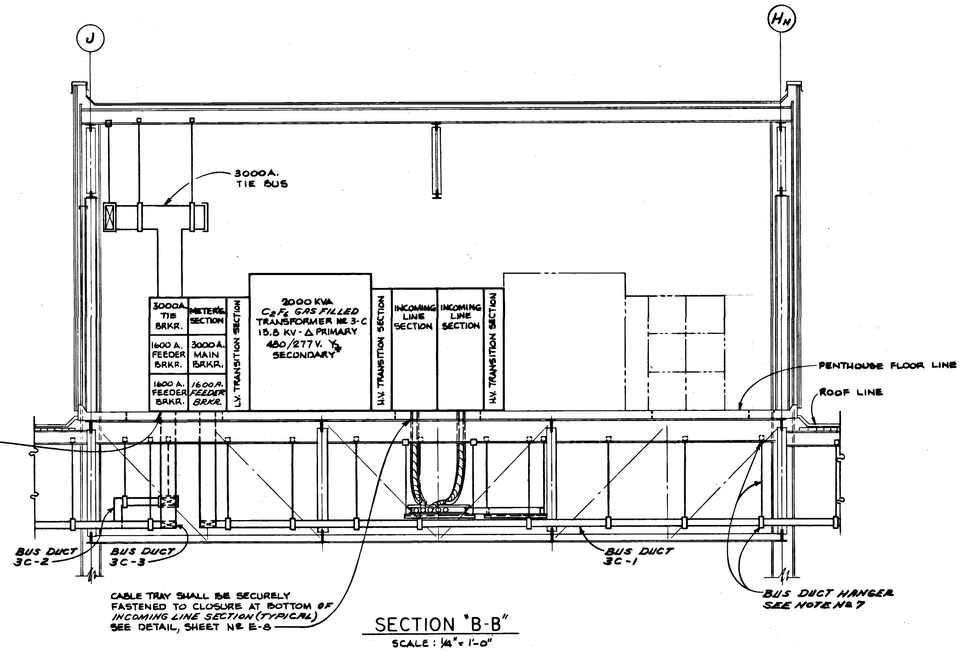
SCALE: 1/4" = 1'-0"




SECTION "A-A"

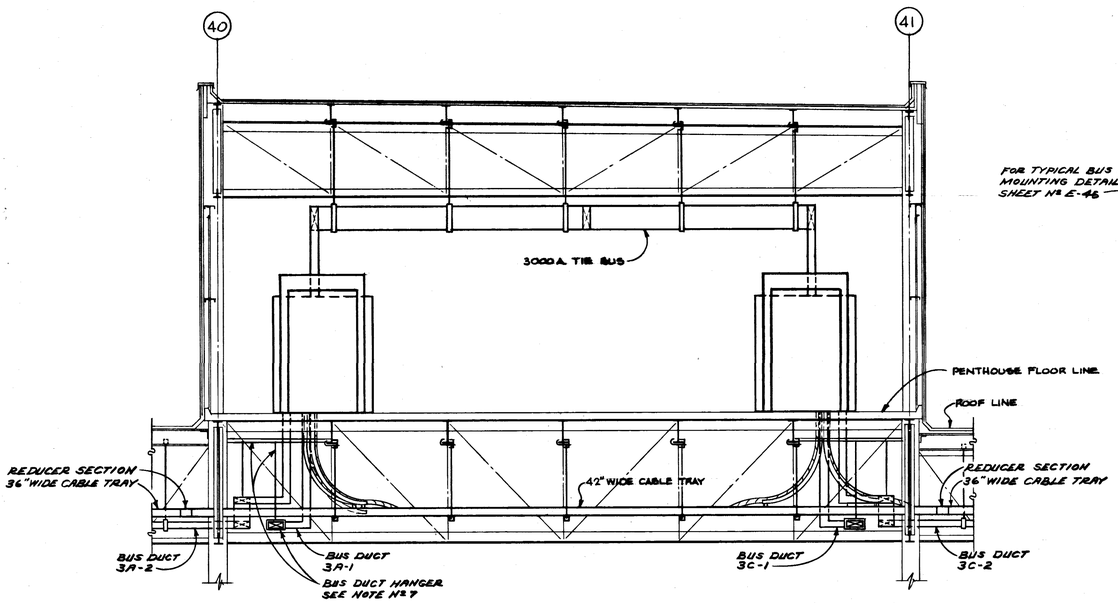
SCALE: 1/4" = 1'-0"




SECTION "B-B"

SCALE: 1/4" = 1'-0"




SECTION "C-C"

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPORTS. SLAB REF. | | |
| 5-25-77 | MISC. STL. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | | |
| BULL 33 | 6-21-77 | JK | REF. | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - TRANSFORMER ROOM Nº 3 POWER AND ELEVATIONS

SHEET TITLE

OWNER'S IDENTIFICATION

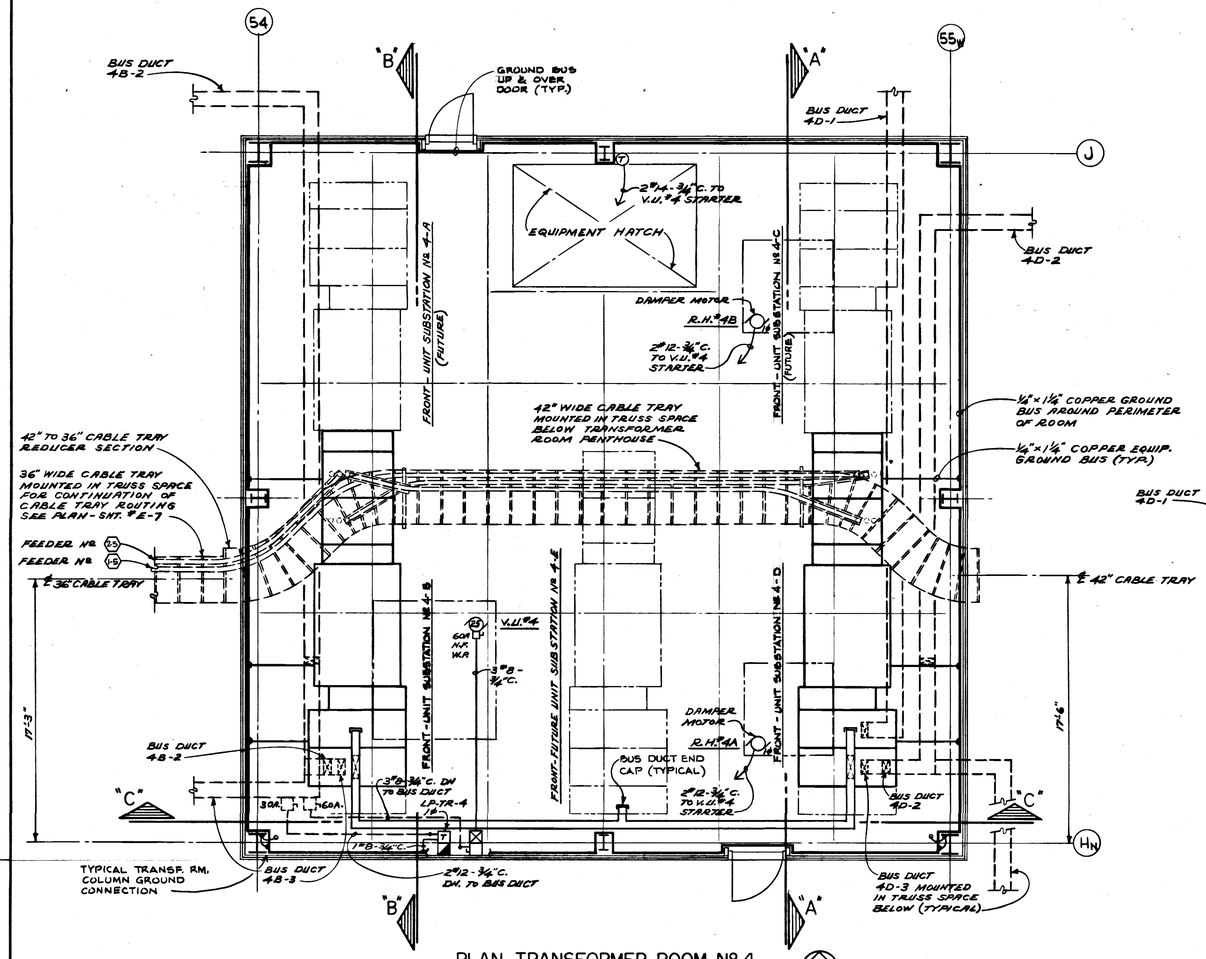
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

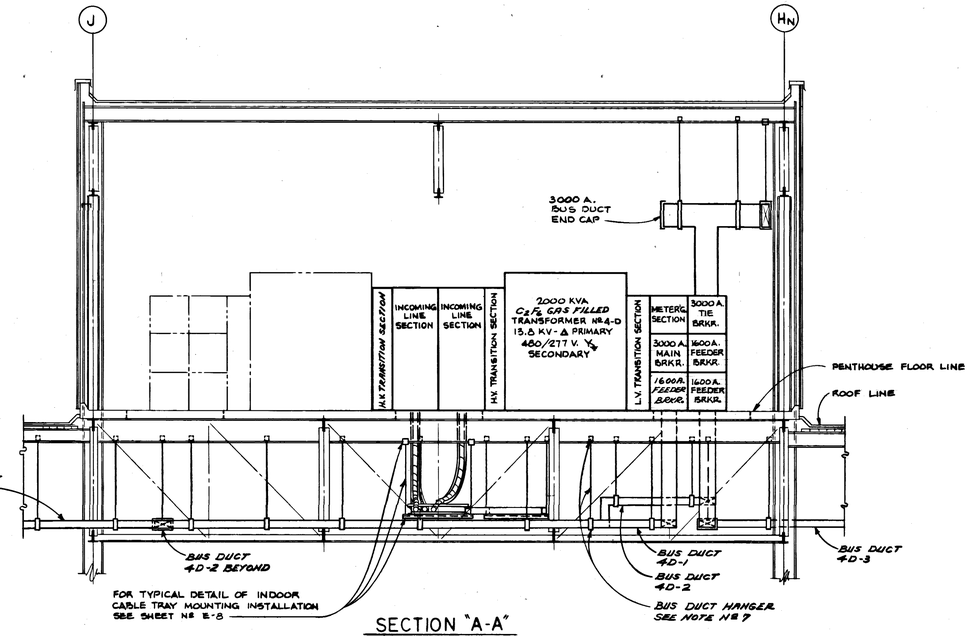
JOB CAPT. R. EDWARDS J. KONKLE

E-15
SHEET NUMBER



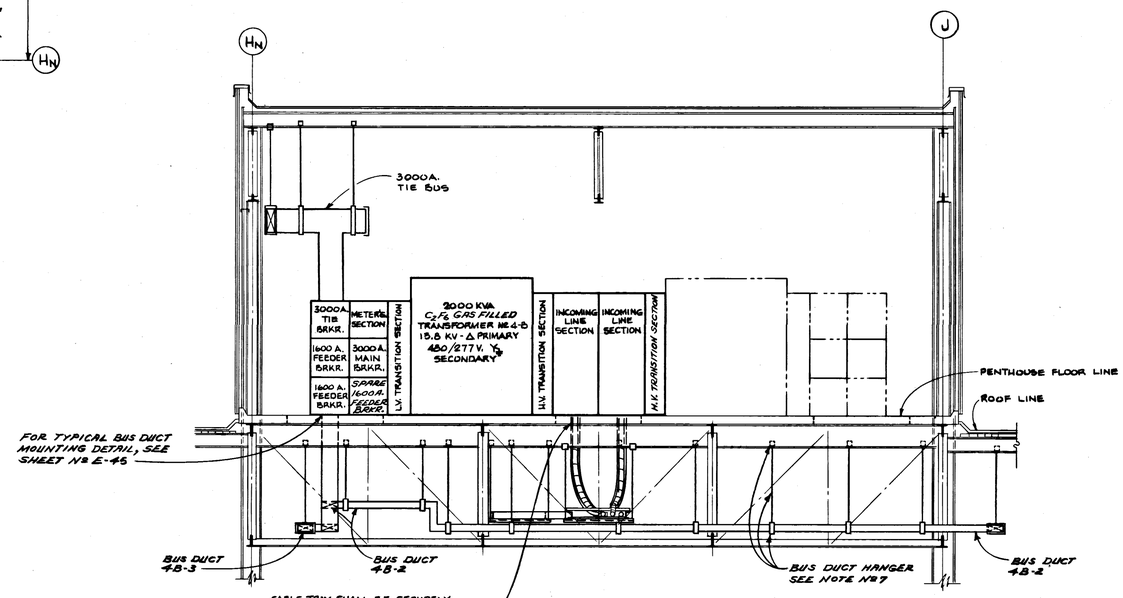

PLAN TRANSFORMER ROOM Nº 4

SCALE: 1/4" = 1'-0"



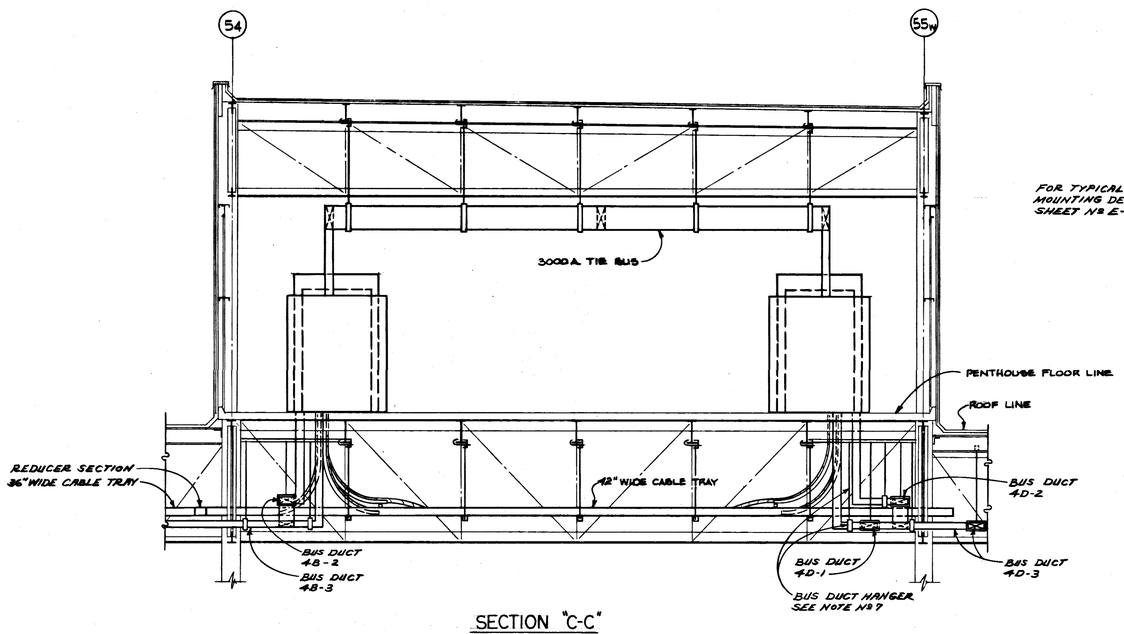

SECTION "A-A"

SCALE: 1/4" = 1'-0"




SECTION "B-B"

SCALE: 1/4" = 1'-0"



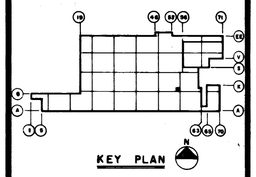

SECTION "C-C"

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPORTD. SLAB REF. | | |
| 5-25-77 | MISC. STL. REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL-61 | 7-7-77 | J.K. | | |
| BULL-59 | 6-2-77 | J.K. | REF | |
| BULL-20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - TRANSFORMER ROOM Nº 4 POWER AND ELEVATIONS

SHEET TITLE

OWNER'S IDENTIFICATION

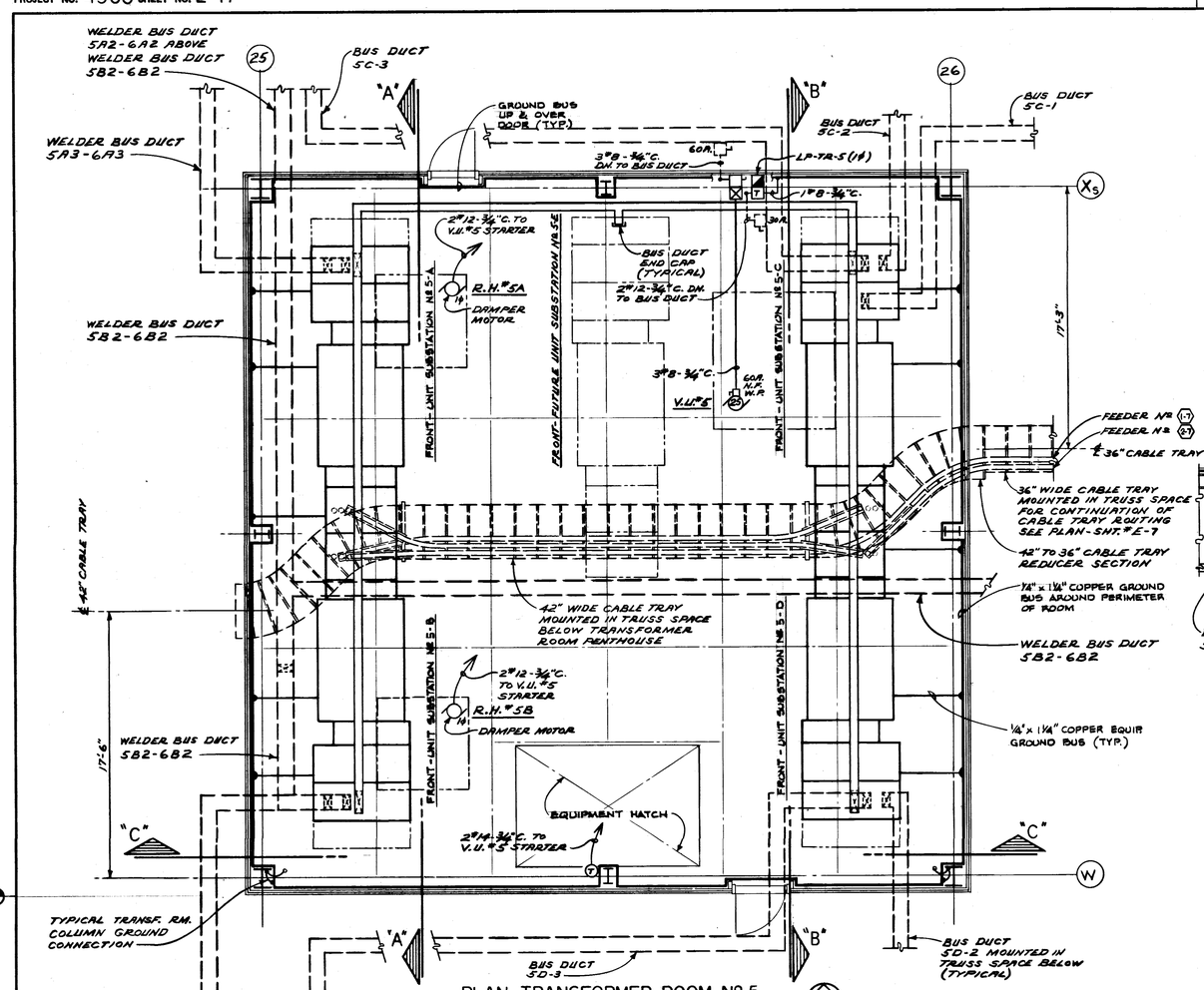
P. E. & C. PROJECT NUMBER: 4500

DATE 3-23-77

DRAWN BY D. TYRRELL

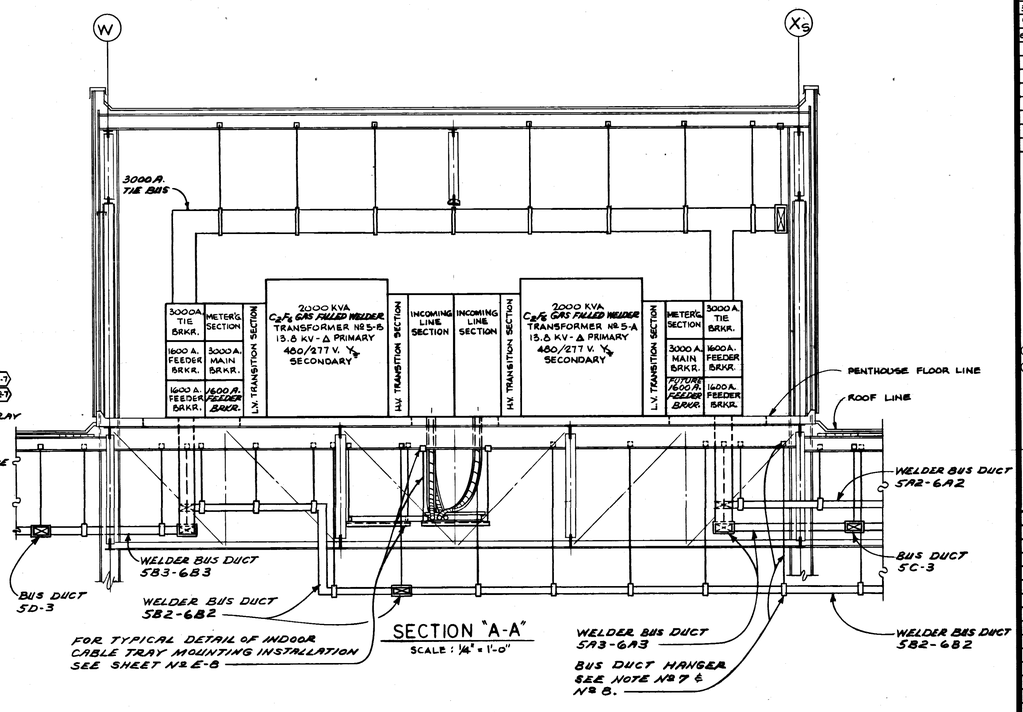
JOB CAPT. R. EDWARDS J. KONKLE

SHEET NUMBER: E-16



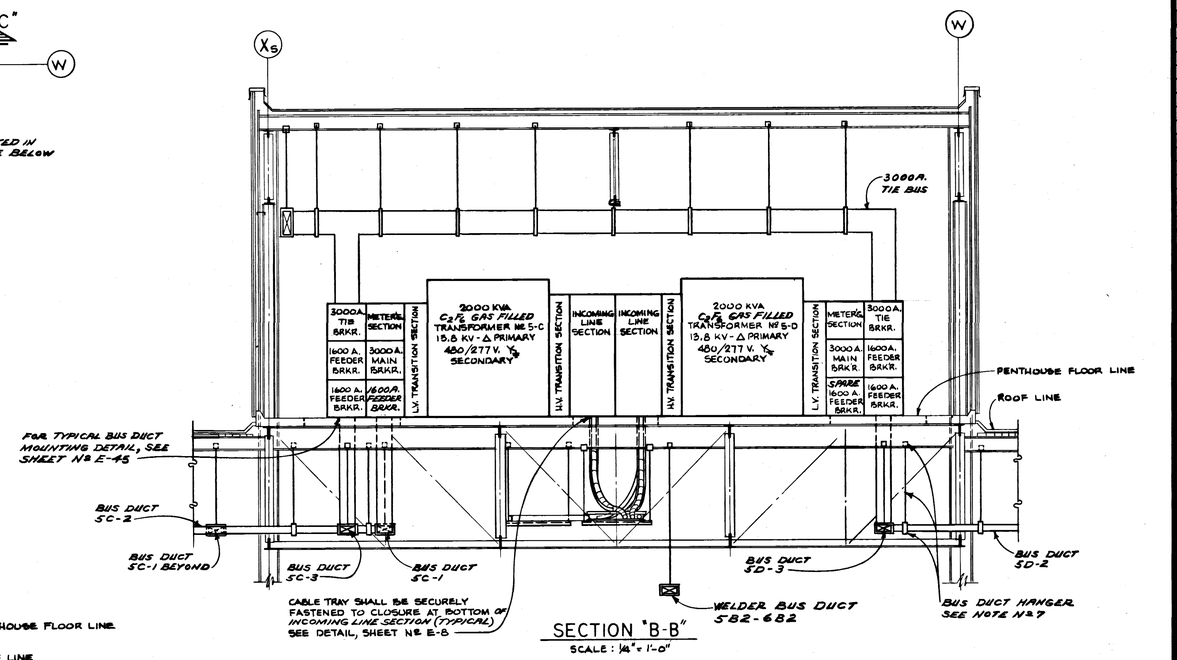

PLAN TRANSFORMER ROOM Nº 5

SCALE: 1/4" = 1'-0"



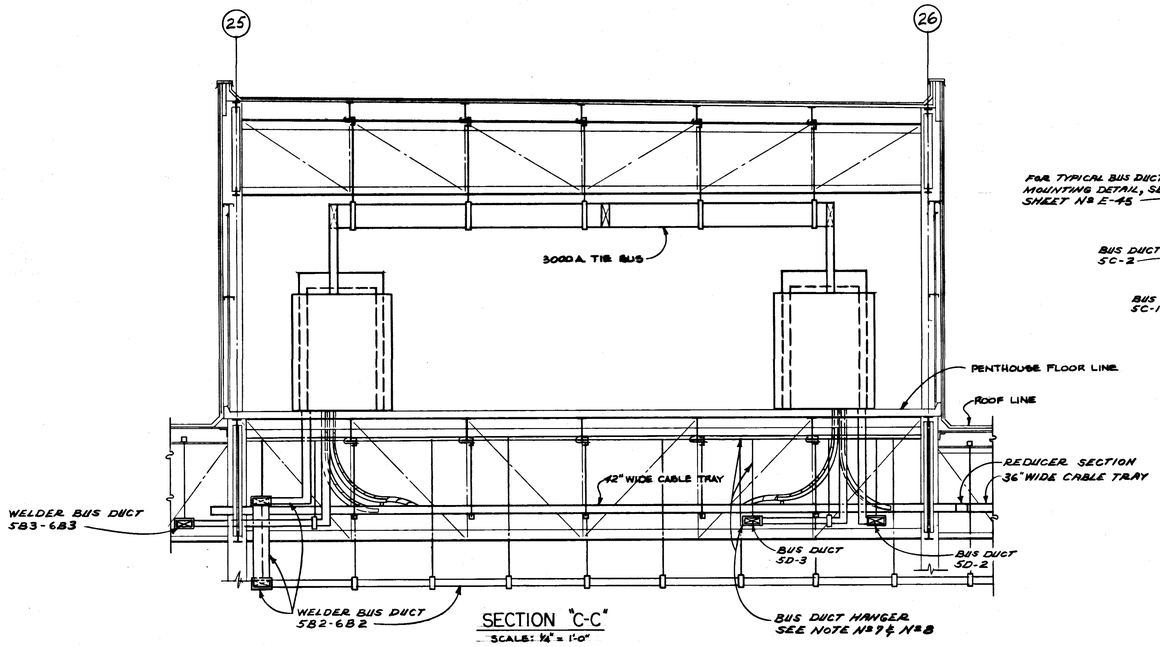

SECTION "A-A"

SCALE: 1/4" = 1'-0"




SECTION "B-B"

SCALE: 1/4" = 1'-0"




SECTION "C-C"

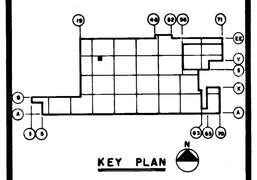
SCALE: 1/4" = 1'-0"

WELDER BUS DUCT SHOWN PER BULL. NO. 58

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-4B FOR BUS DUCT MOUNTING DETAILS.
8. SEE SHEET E-36A FOR WELDER BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 6-20-77 | SUPPORTS, SLAB REF. | | |
| 6-23-77 | MISC. ST. REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 68 | 7-7-77 | JK | | |
| BULL 58 | 6-30-77 | JK | | |
| BULL 53 | 6-21-77 | JK | REF. | |
| BULL 20 | 6-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - TRANSFORMER ROOM Nº 5 POWER AND ELEVATIONS

SHEET TITLE

OWNER'S IDENTIFICATION

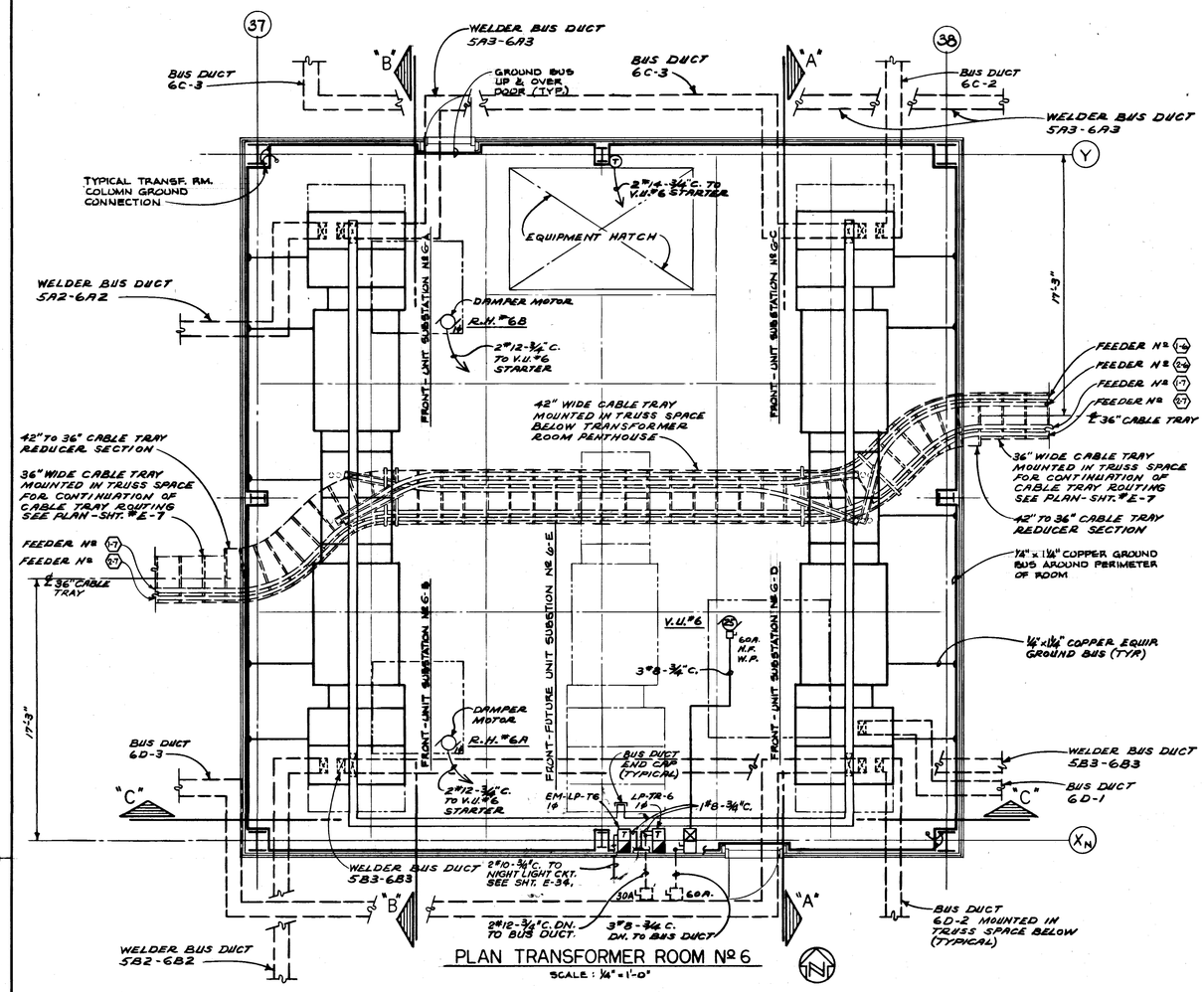
P. E. & C. PROJECT NUMBER: 4500

DATE 3-23-77

DRAWN BY D. TYRRELL

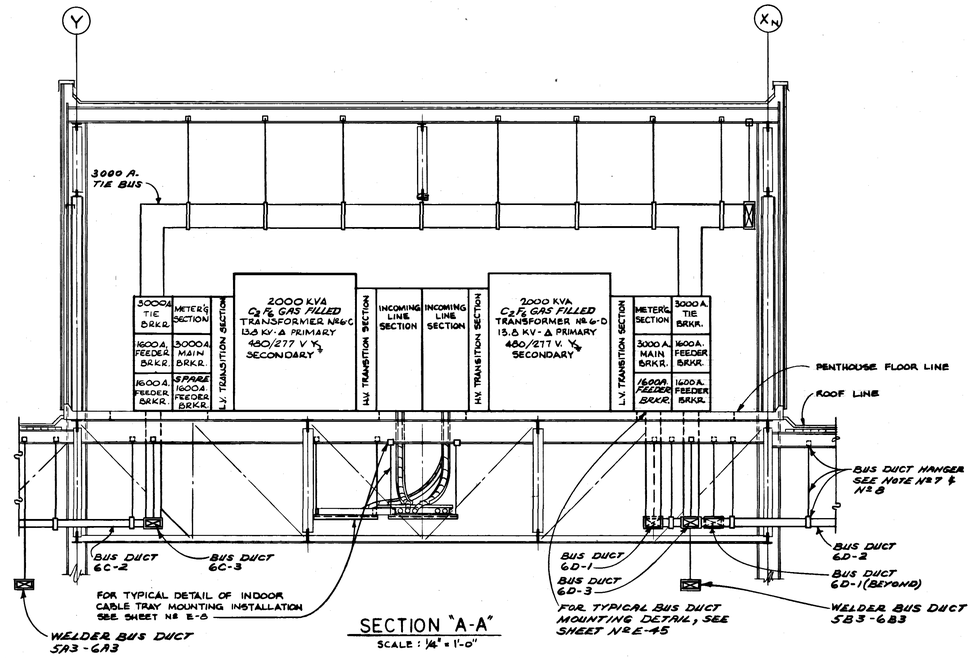
JOB CAPT.: R. EDWARDS, J. KONKLE

SHEET NUMBER: E-17



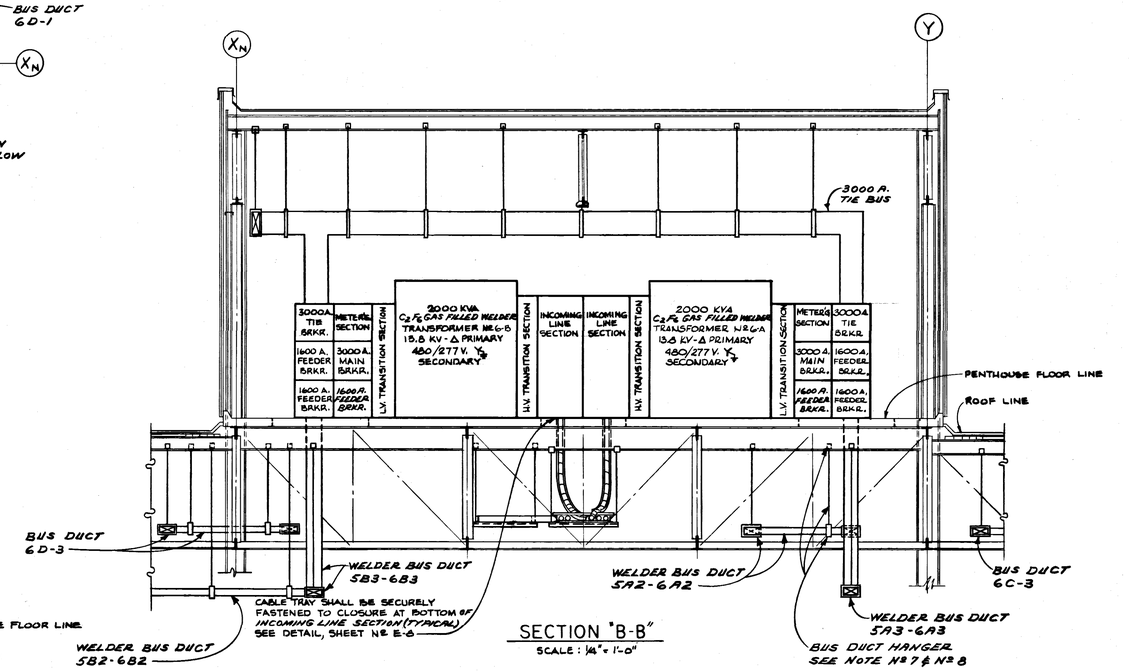

PLAN TRANSFORMER ROOM No 6

SCALE: 1/4" = 1'-0"



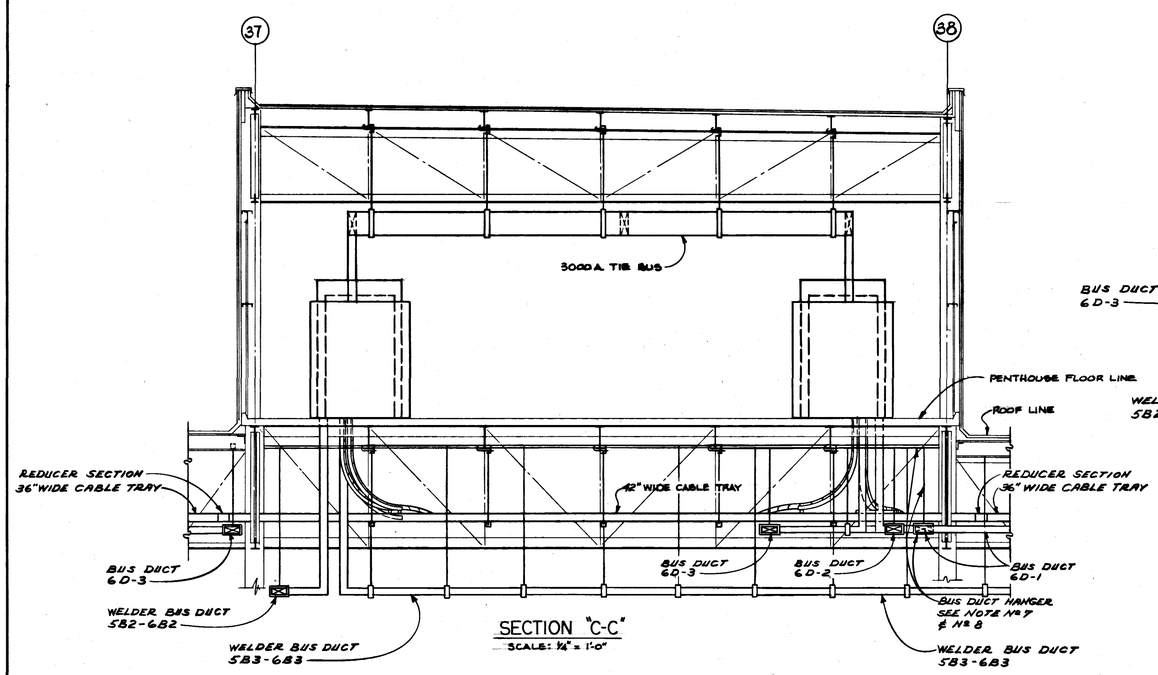

SECTION "A-A"

SCALE: 1/4" = 1'-0"




SECTION "B-B"

SCALE: 1/4" = 1'-0"




SECTION "C-C"

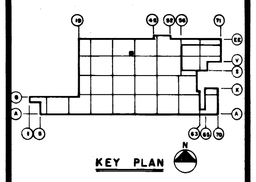
SCALE: 1/4" = 1'-0"

WELDER BUS DUCT SHOWN PER BULL. NO. 58

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET No E-1.
2. FOR SYMBOL LIST, SEE SHEET No E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET No E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS No E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.
8. SEE SHEET E-36A FOR WELDER BUS DUCT MOUNTING DETAIL.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-28-77 | PRIME ELECT. BID | | |
| 3-28-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPORTS, SLAB REF. | | |
| 5-25-77 | MISC. ST. REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 360 | 7-5-78 | TJ | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 58 | 6-30-77 | JK | | |
| BULL 58 | 6-28-77 | JK | REF | |
| BULL 20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

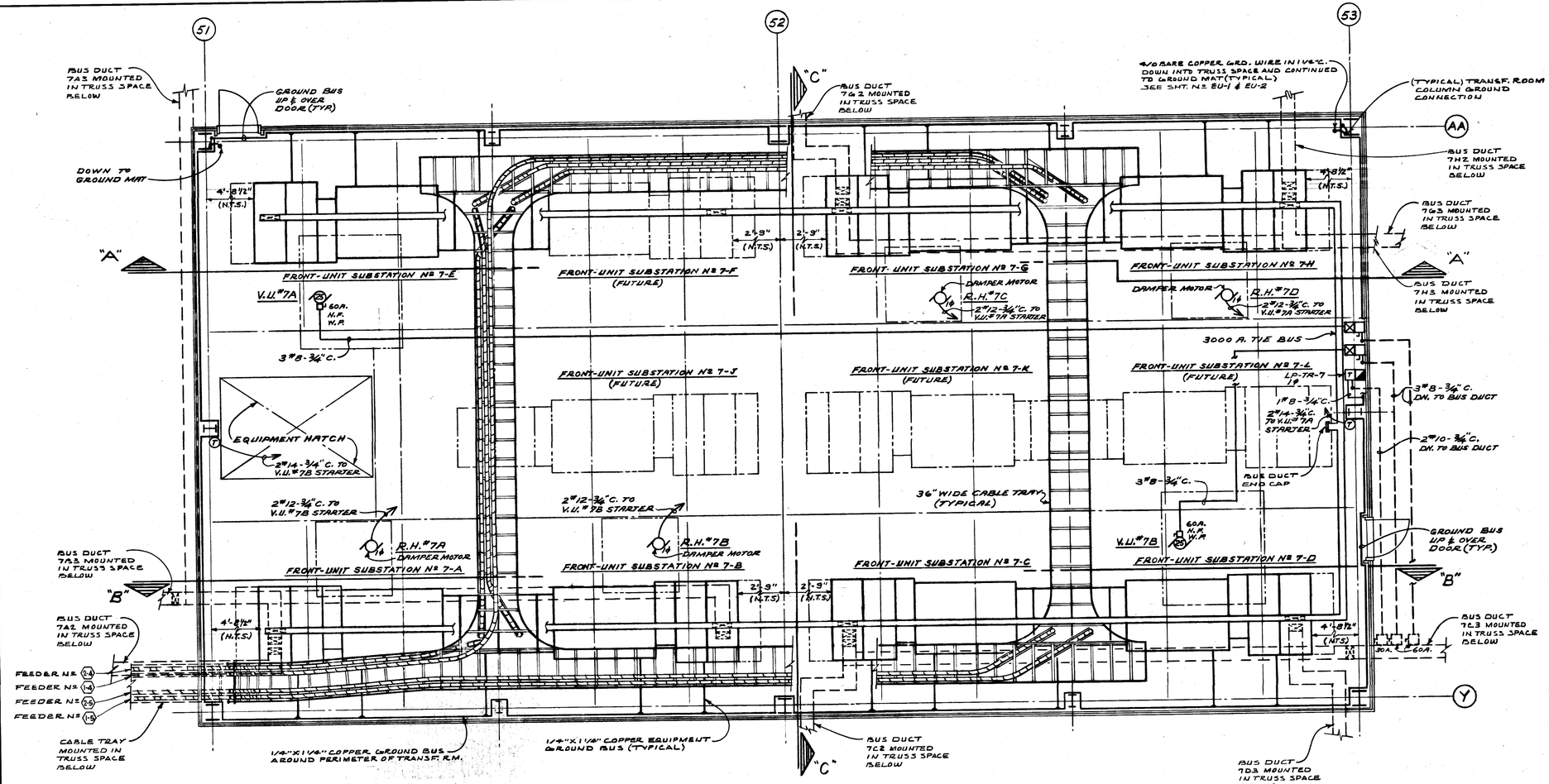
PROJECT TITLE

PLAN - TRANSFORMER ROOM No 6 POWER AND ELEVATIONS

SHEET TITLE

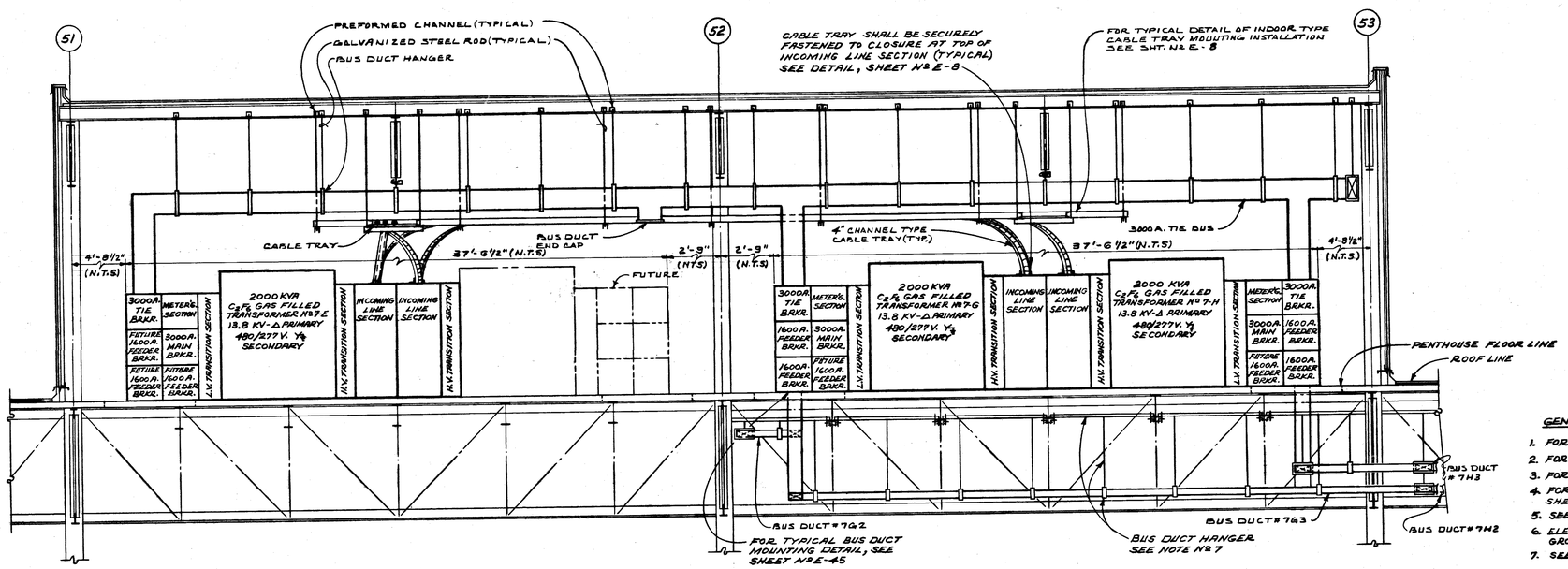
| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P. E. & C. PROJECT NUMBER |
| DATE 3-23-77 | E-18 |
| DRAWN BY D. TYRRELL | |
| JOB CAPT. R. EDWARDS J. KONKLE | SHEET NUMBER |

PROJECT NO. 4500 SHEET NO. E-19




## PLAN TRANSFORMER ROOM Nº 7

SCALE: 1/4" = 1'-0"




## SECTION "A-A"

SCALE: 1/4" = 1'-0"

### GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 3-30-77 | SUPPORT'D. SLAB REF. | | |
| 5-25-77 | MISC. STL. REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO#60 | 8-17-77 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 53 | 6-21-77 | JK | REF | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION 485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

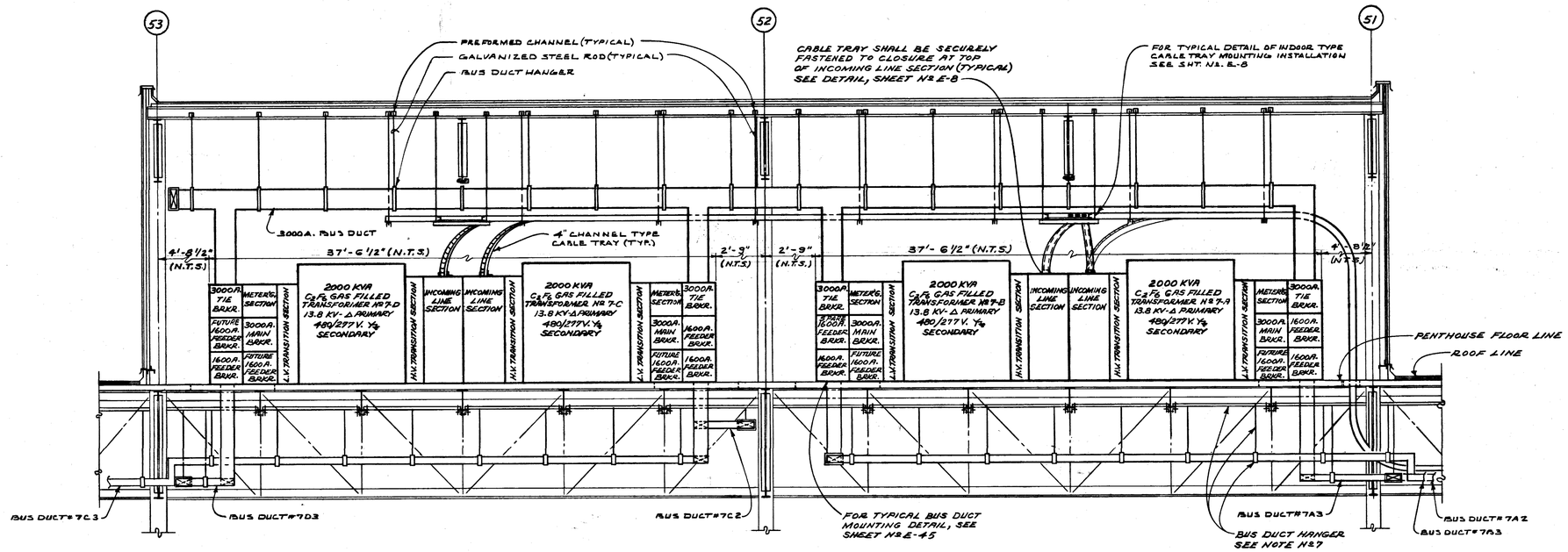
PROJECT TITLE

PLAN-TRANSFORMER ROOM Nº. 7 POWER AND ELEVATION

SHEET TITLE

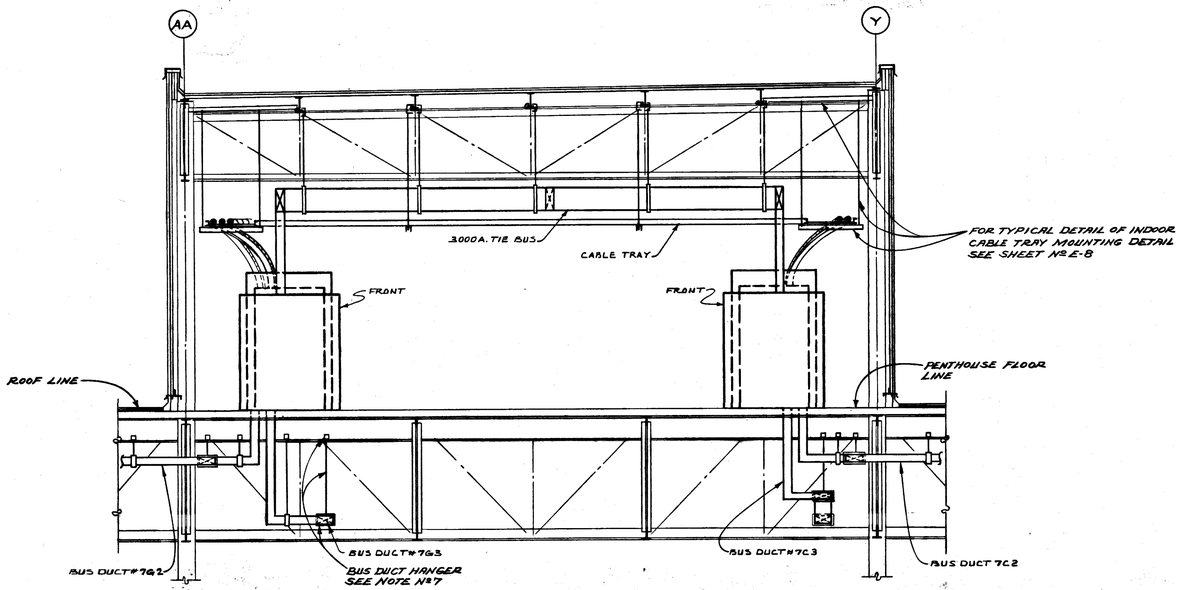
| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P. E. & C. PROJECT NUMBER |
| DATE 3-23-77 | E-19 |
| DRAWN BY D. TYRRELL | |
| JOB CAPT. R. EDWARDS J. KONKLE | SHEET NUMBER |

ARGO 118 REV. 12-69 KANE 17 0193 2-74 1790




## SECTION "B-B"

SCALE: 1/4" = 1'-0"




## SECTION "C-C"

SCALE: 1/4" = 1'-0"

### GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 5-23-77 | PRIME MECH. REF. | | |
| 5-25-77 | MISC. STL. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO #60 | 8-17-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL-20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ELEVATIONS
TRANSFORMER
ROOM Nº.7

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

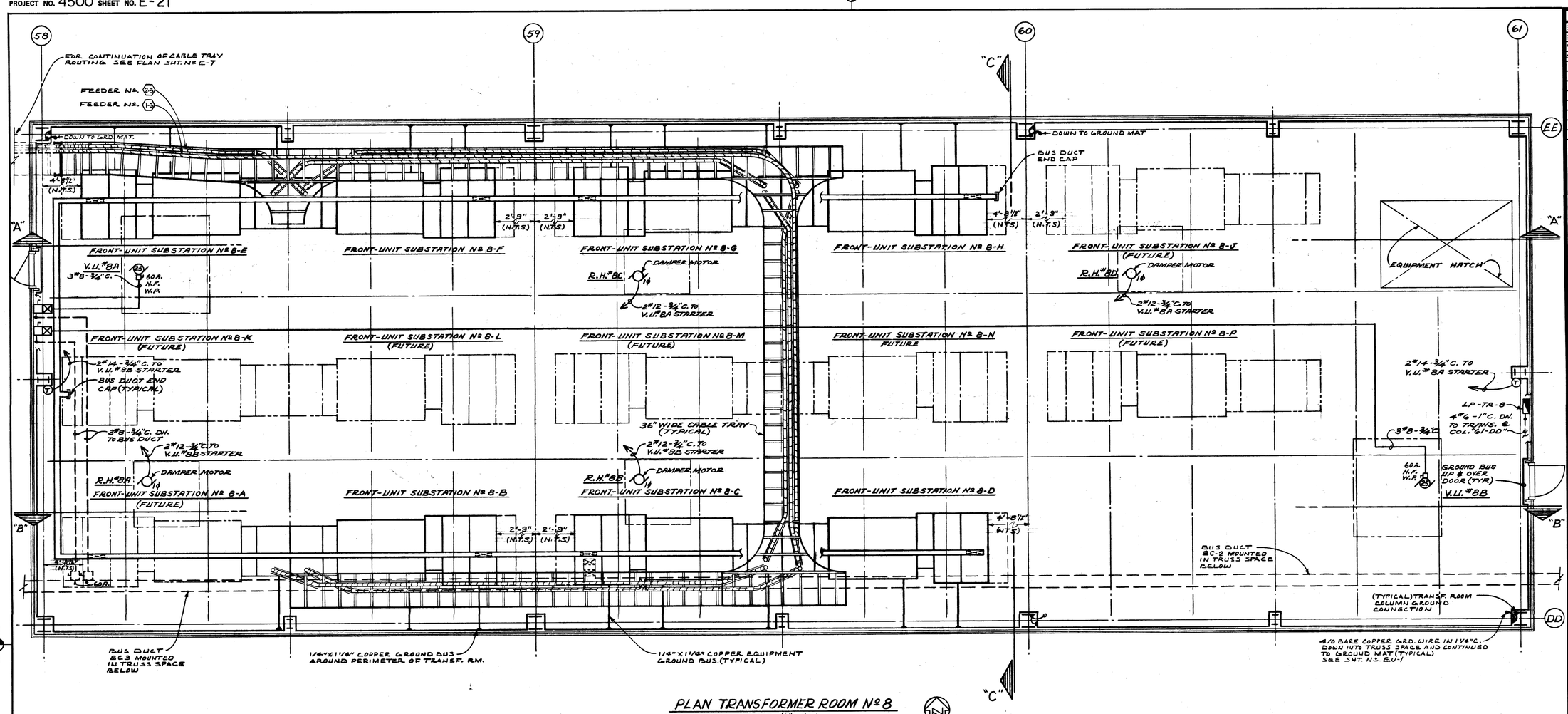
DATE 3-23-77

DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS J. KONKLE

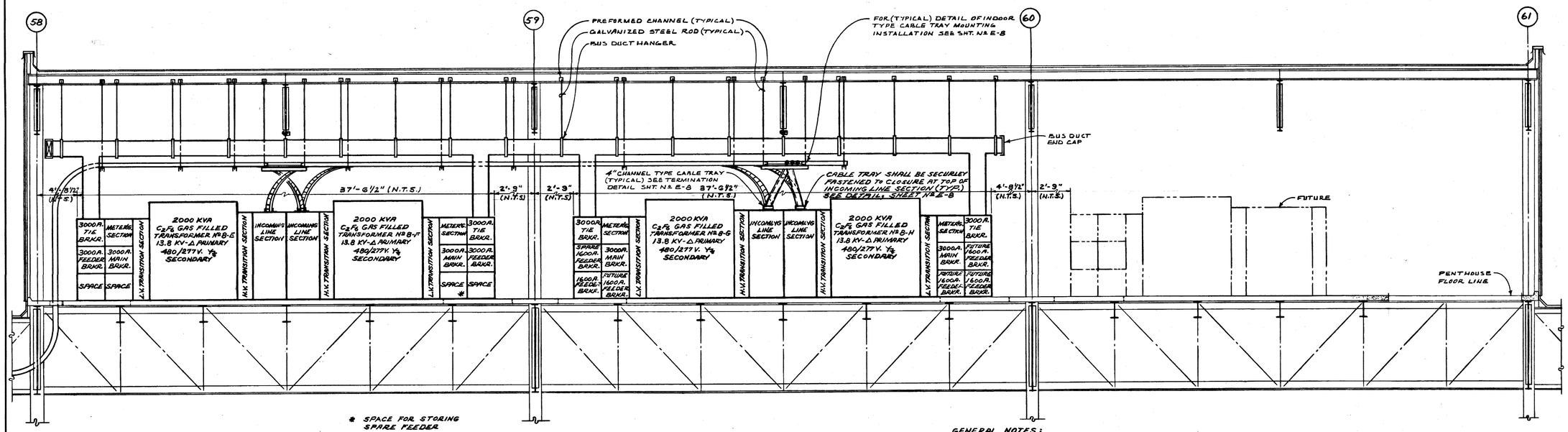
E-20
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-21




## PLAN TRANSFORMER ROOM Nº 8

SCALE: ¼"=1'-0"




* SPACE FOR STORING SPARE FEEDER

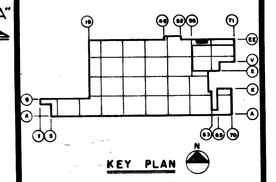
## SECTION "A-A"

SCALE: ¼"=1'-0"

### GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPORT'D. SLAB REF. | | |
| 5-25-77 | MISC. SH. REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 46 | 2-22-78 | JK | | |
| BULL 40 | 9-1-77 | T.J. | | |
| BULL 60 | 8-17-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | REF. | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

AIR SHEET METAL WORKERS AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-TRANSFORMER ROOM Nº 8 POWER AND ELEVATIONS

SHEET TITLE

OWNER'S IDENTIFICATION: 4500 P.E.&C.

DATE: 3-23-77

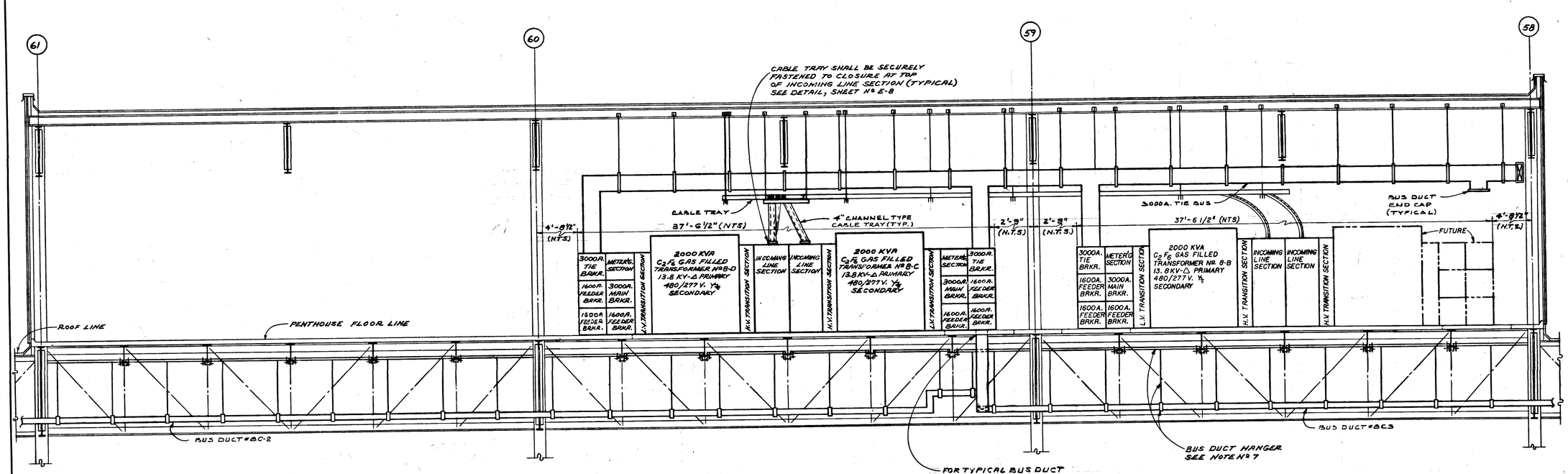
DRAWN BY: D. TYRRELL

JOB CAPT.: R. EDWARDS, J. KONKLE

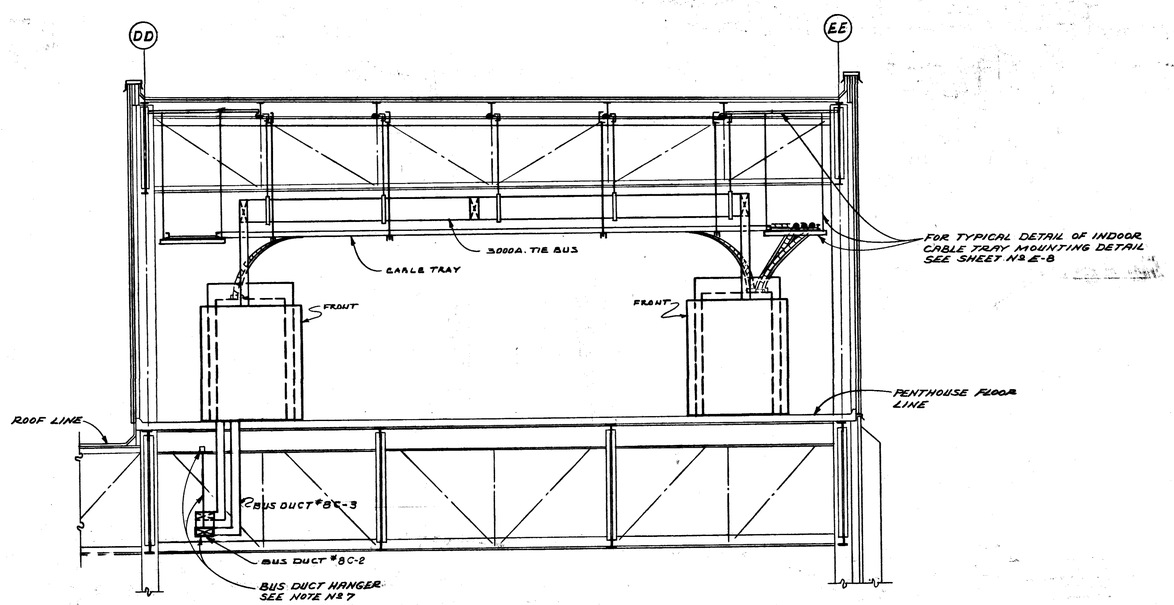
E-21

SHEET NUMBER

ARGO 118 REV. 12-69 KBE 17 0193 5-74 1750M




SECTION "B-B"
SCALE: 1/4" = 1'-0"




SECTION "C-C"
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE SHEETS Nº E-4, E-5 & E-6.
5. SEE SHEET E-23 FOR GROUNDING DETAILS.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. SEE SHEET E-45 FOR BUS DUCT MOUNTING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-25-77 | MISC. STL. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #46 | 2-22-78 | J.K. | | |
| BULL #38 | 9-1-77 | T.J. | | |
| ECO #60 | 8-17-77 | J.K. | | |
| BULL-61 | 7-7-77 | J.K. | | |
| BULL-20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ELEVATIONS
TRANSFORMER
ROOM Nº 8

SHEET TITLE

OWNER'S IDENTIFICATION

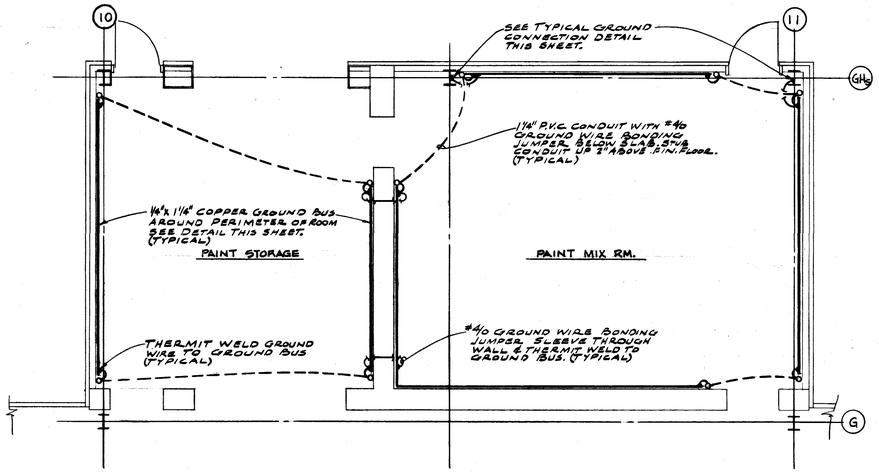
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY D. TYRRELL

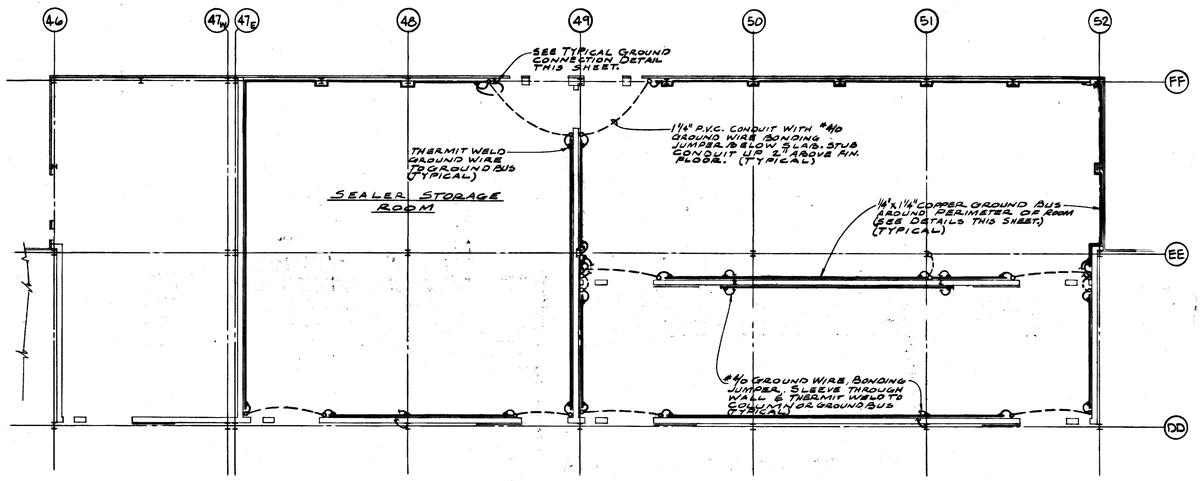
JOB CAPT. R. EDWARDS J. KONKLE

E-22
SHEET NUMBER



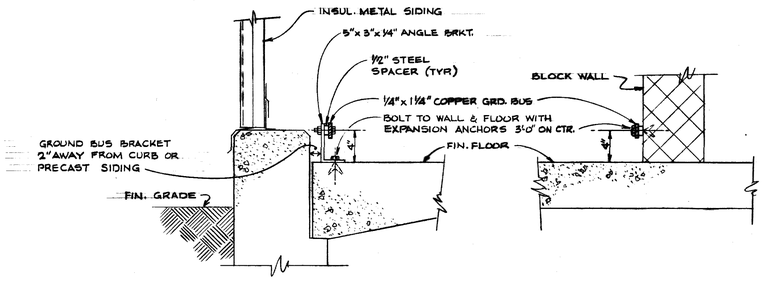

PAINT STORAGE & PAINT MIX RM. GROUNDING PLAN

SCALE: 1/4" = 1'-0"

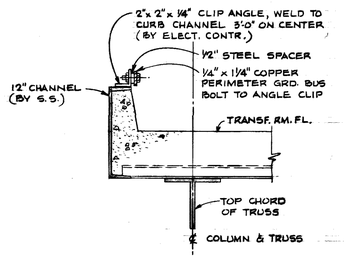



SEALER STORAGE RM. &
PAINT MIX & STORAGE RM. GROUNDING PLAN

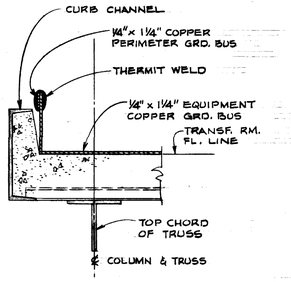
SCALE: 1/16" = 1'-0"



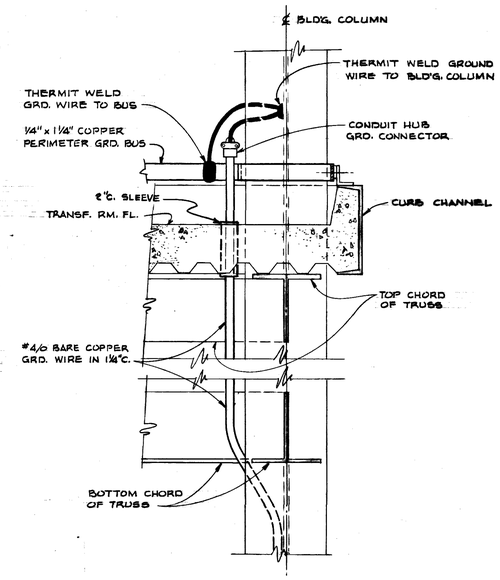

PERIMETER GROUND BUS MOUNTING DETAIL
PAINT MIX, SEALER STORAGE, & PAINT STORAGE ROOMS
N.T.S.



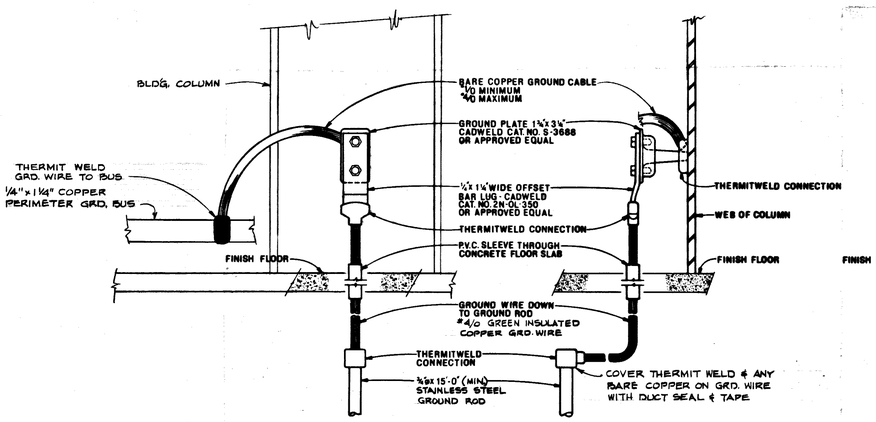

TRANSF. RM. PERIMETER
GROUND BUS MOUNTING DETAIL
N.T.S.



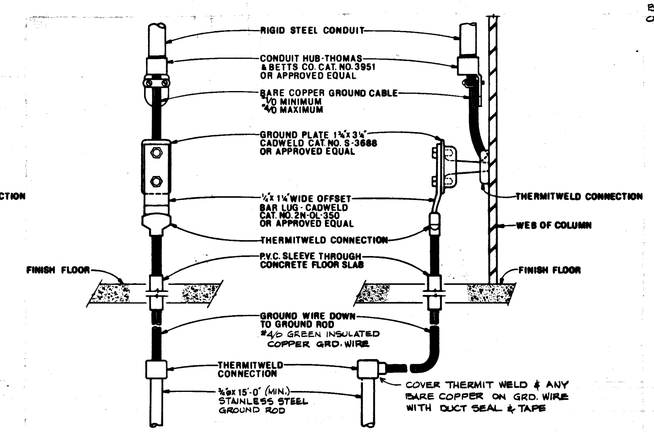

TRANSF. RM. EQUIPMENT
GROUND BUS MOUNTING DETAIL
N.T.S.




TYPICAL TRANSFORMER RM. COLUMN
GROUND CONNECTION DETAIL
N.T.S.




TYPICAL GROUNDING CONNECTION DETAIL
FOR PAINT MIX, SEALER STOR. & PAINT STOR. RM'S.
N.T.S.




TYPICAL GROUND CONNECTION DETAIL
FOR TRANSF. RM'S. & RECEPT. PNL. TRANSF.
N.T.S.

NOTE:

1. FOR GROUND ROD LOCATIONS AND DETAILS SEE SHEETS EU-1 & EU-2.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| Bull 61 | 7-7-77 | JK | | |
| Bull-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
465 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

GROUNDING PLAN & DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

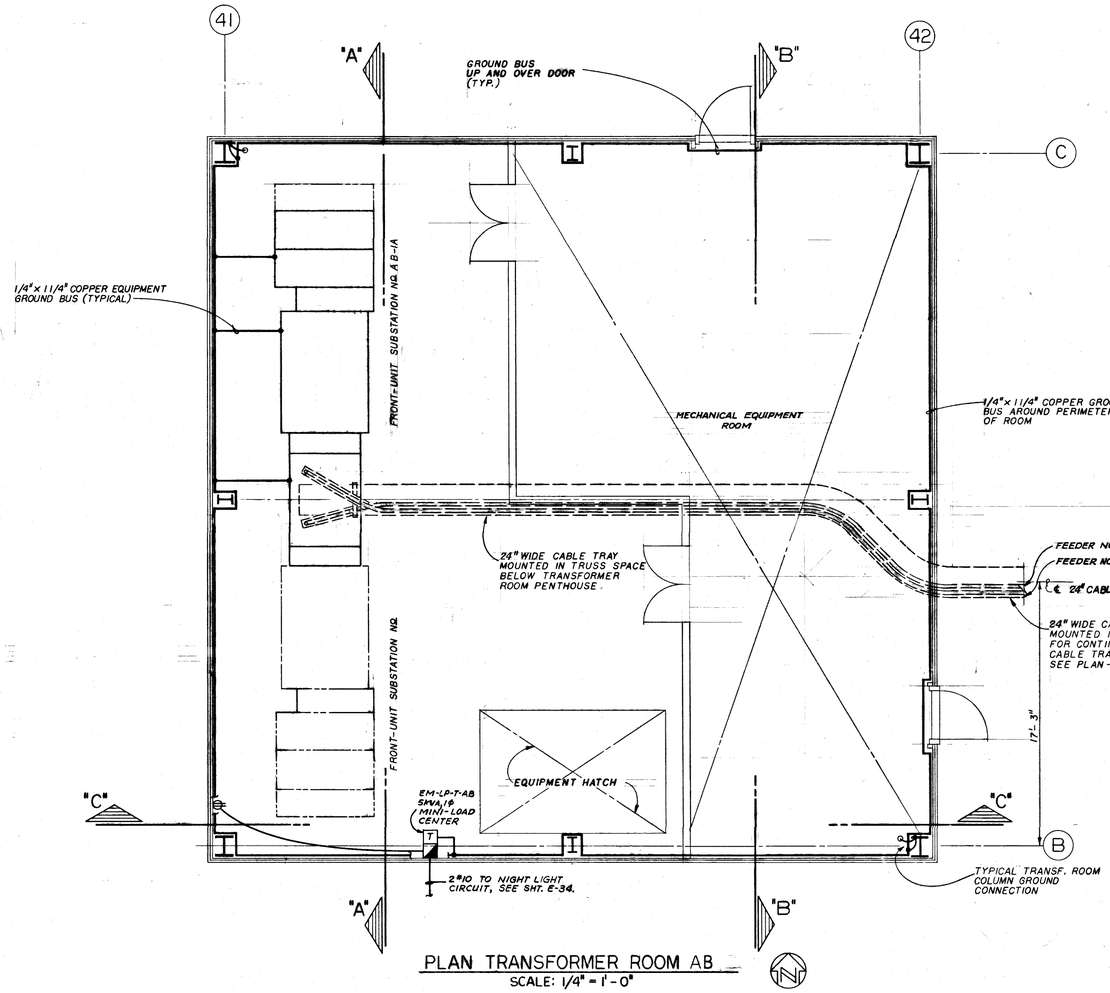
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

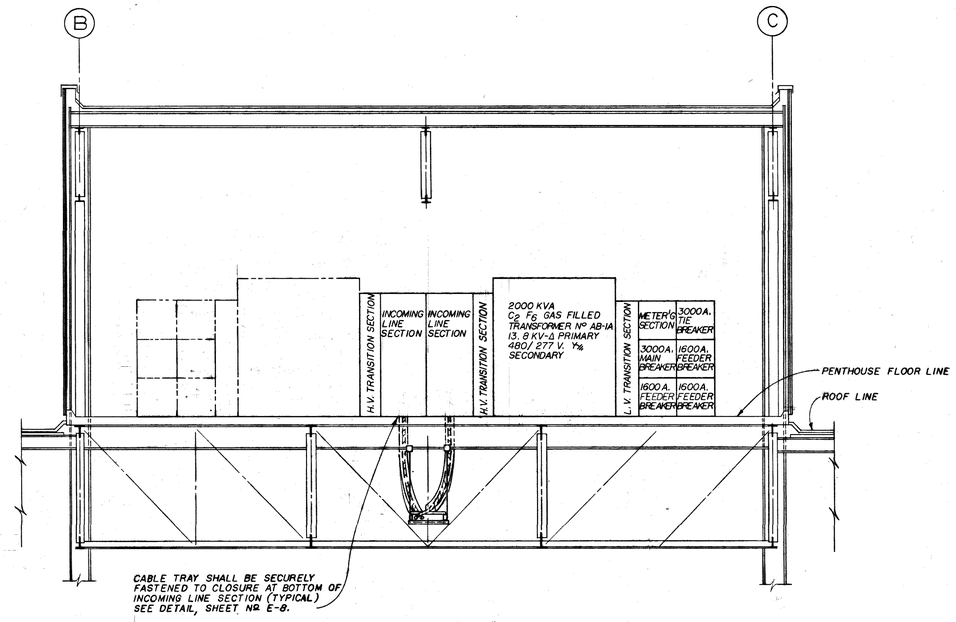
DRAWN BY D. TYRRELL

JOB CAPT. R. EDWARDS J. KONKLE

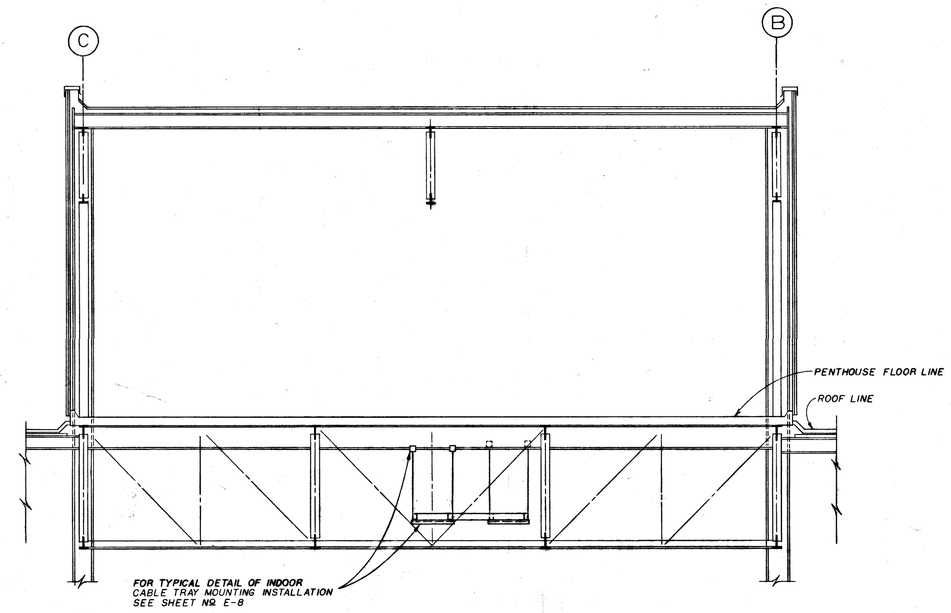
E-23
SHEET NUMBER



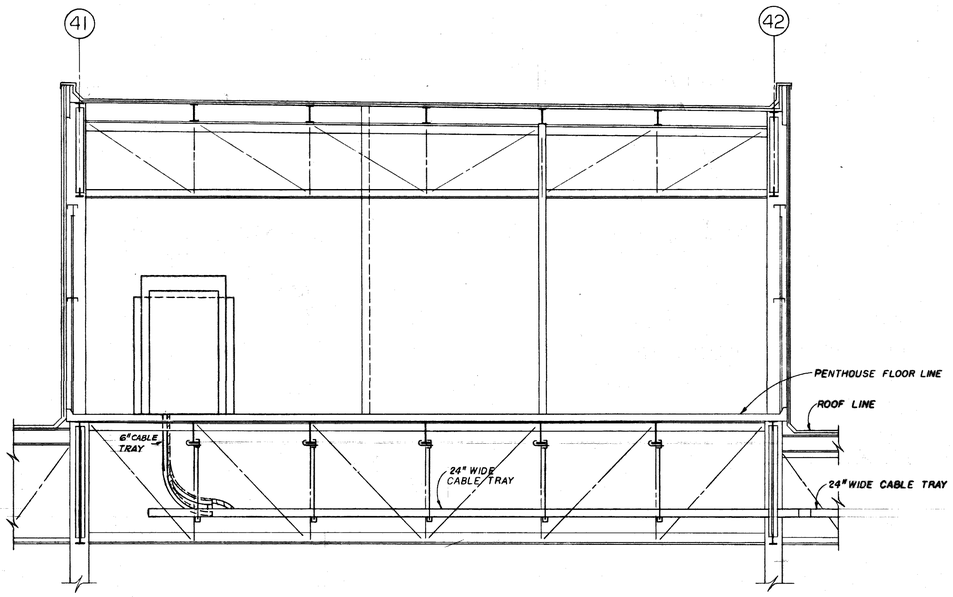

PLAN TRANSFORMER ROOM AB
SCALE: 1/4" = 1'-0"




SECTION "A-A"
SCALE: 1/4" = 1'-0"




SECTION "B-B"
SCALE: 1/4" = 1'-0"




SECTION "C-C"
SCALE: 1/4" = 1'-0"

1. FOR DRAWING INDEX, SEE SHEET Nº E-1.
2. FOR SYMBOL LIST, SEE SHEET Nº E-2.
3. FOR CABLE TRAY DETAILS, SEE SHEET Nº E-8.
4. FOR SYSTEM ONE LINE DIAGRAMS, SEE ADMINISTRATION BUILDING JOB 4700.
5. FOR GROUNDING DETAILS, SEE SHEET Nº E-23.
6. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT GROUND LOCATIONS PRIOR TO INSTALLATION.
7. FOR BUS DUCT MOUNTING DETAILS, SEE SHEET Nº E-45.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 9-29-77 | BULL #79 | | |
| EFO 360 | 7-5-78 | TJ | |
| EFO 2865 | 9-31-78 | T.J. | |
| NO. | DATE | BY | APPROVAL | APPROVAL |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
DATE

ARGONAUT
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
DIVISION OF GENERAL MOTORS 465 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN
MANUFACTURING & ENGINEERING & REAL ESTATE & CONSTRUCTION MANAGEMENT

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

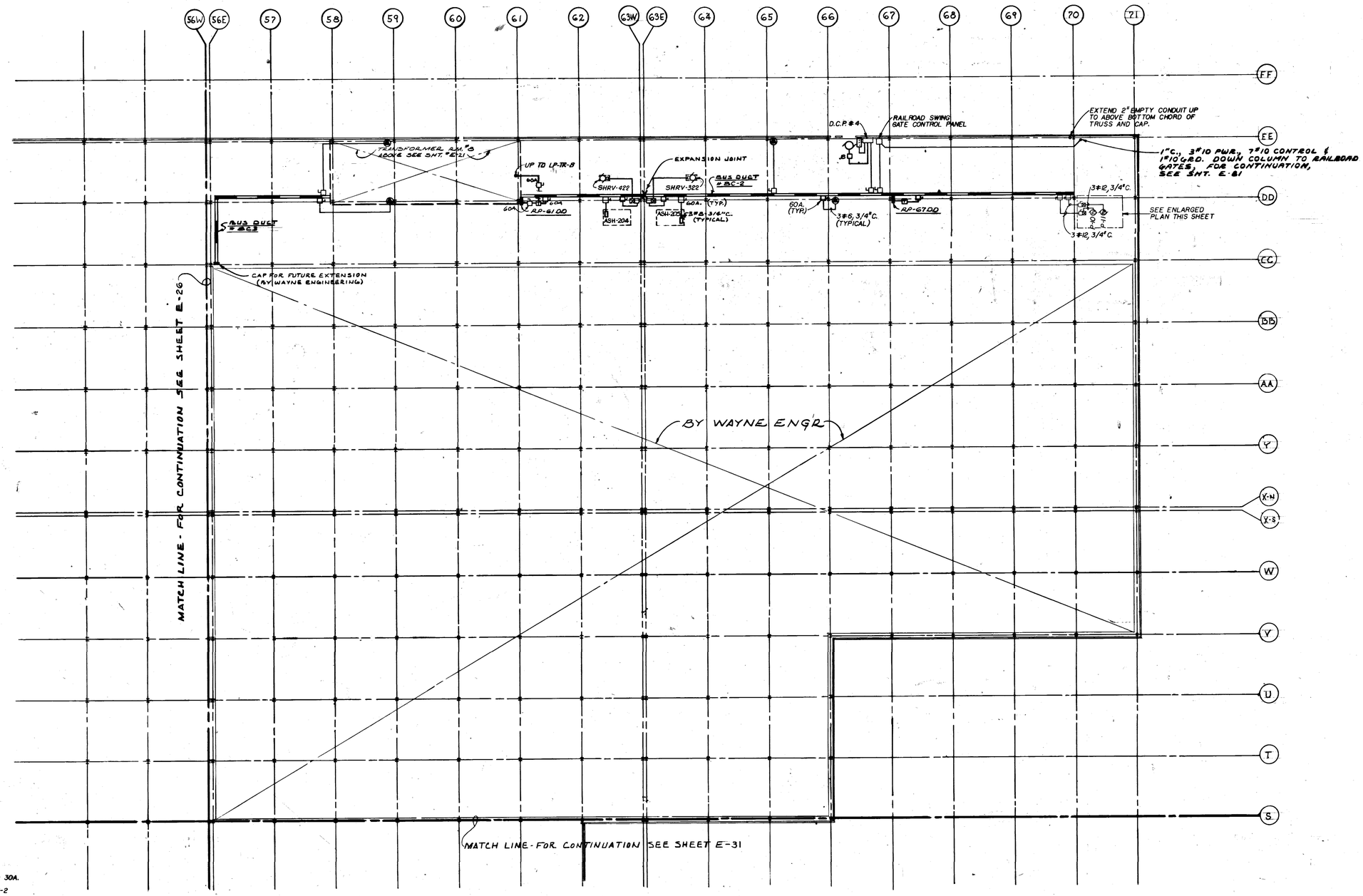
PLAN - TRANSFORMER ROOM AB, POWER AND ELEVATIONS

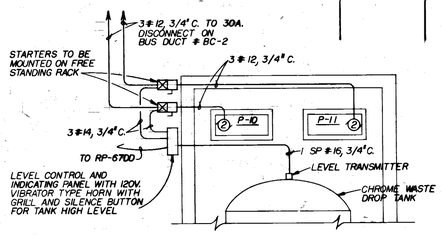
SHEET TITLE

OWNER'S IDENTIFICATION
P.E.&C. PROJECT NUMBER 4500

DATE 9-29-77
DRAWN BY L. BALLIETT
JOB CAPT. T. JOHNSON J. KONKLE

E-24
SHEET NUMBER




ENLARGED PLAN CHROMIC ACID TANK STARTER DETAILS

SCALE: 1/4" = 1'-0"

NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN SEE SHT. E-1
2. FOR SYMBOL LIST RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES SEE SHT E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHT E-84.
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHTS E-53 THRU E-61.
6. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
7. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-25-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-6-77 | CONV. BID REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EPO 284 | 4-25-79 | J.K. | | |
| EPO #271 | 3-20-78 | T.J. | | |
| BULL. 135 | 12-16-77 | J.K. | | |
| BULL. #83 | 9-19-77 | T.J. | | |
| BULL. #80 | 9-1-77 | T.J. | | |
| BULL. #71 | 8-10-77 | J.K. | | |
| BULL. 61 | 7-7-77 | J.K. | | |
| BULL. 53 | 6-21-77 | J.K. | REF | |
| BULL. 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO. 1
480 VOLT POWER

SHEET TITLE

OWNER'S IDENTIFICATION

P.E. & C. PROJECT NUMBER: 4500

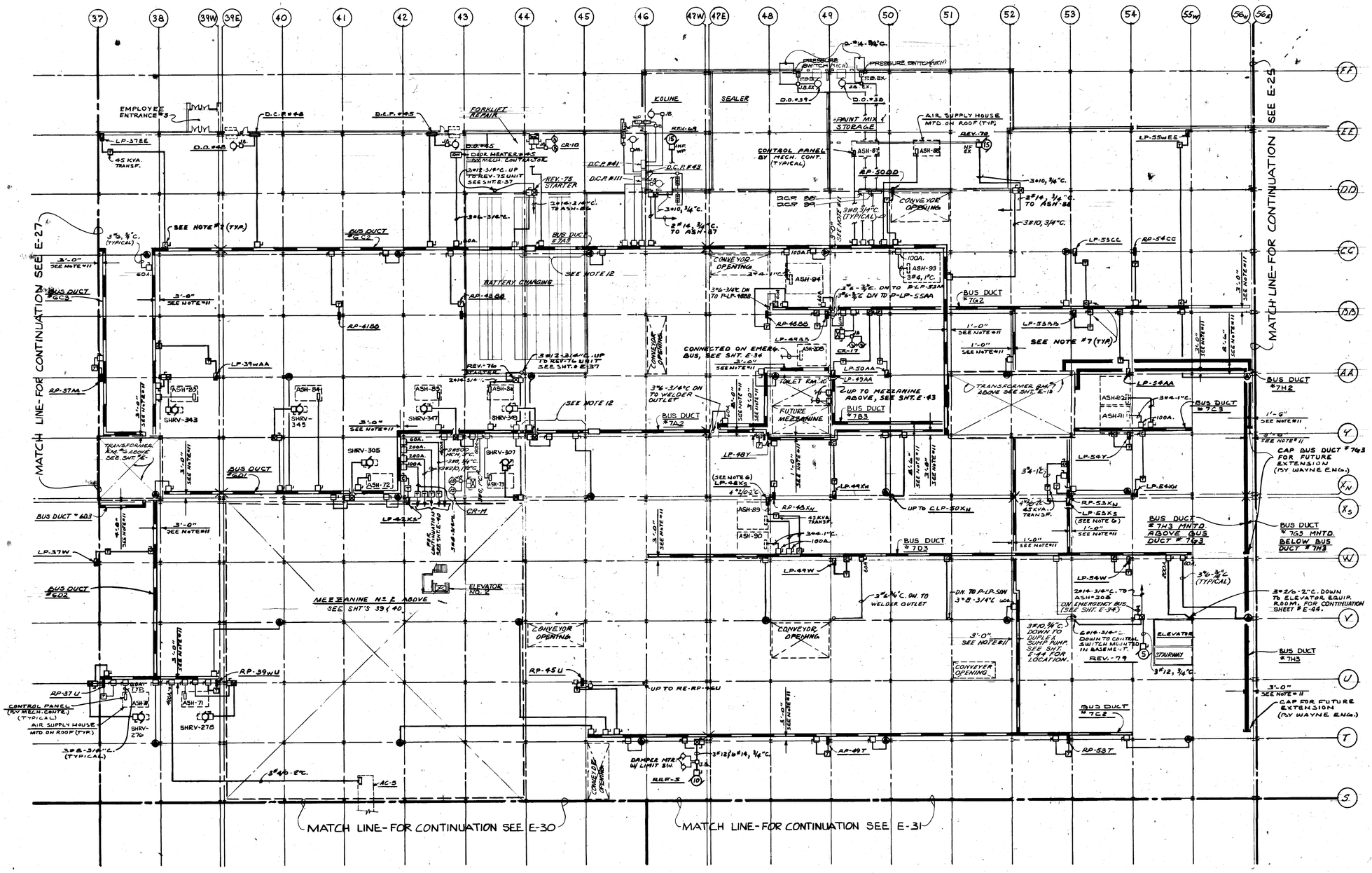
DATE: 3-23-77

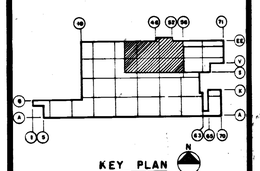
DRAWN BY: M.N. & U.G.R.

JOB CAPT.: J. WALDROP, J. KONKLE

SHEET NUMBER: E-25

PROJECT NO. 4500 SHEET NO. E-26




## NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHT. E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES, SEE SHT. E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHT E-84
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHTS E-53 THRU E-61.
6. LIGHTING PANEL FOR WAYNE ENGINEERING USE.
7. FOR BUS DUCT CONTACTOR SIZE WHEN SWITCHING TRANSFORMER, SEE SHT. E-3.
8. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
9. SHRV DISCONNECT SWITCH SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
10. FOR TYPICAL WIRING DIAGRAM OF R.R.F.'S, SEE SHT. E-91.
11. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.
12. ELECT. CONTRACTOR SHALL PROVIDE ALL FITTINGS REQUIRED TO ALLOW BUS DUCT TO RISE ABOVE PIPING INTERFERENCES AND BACK TO NORMAL ELEVATION. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE EXACT LOCATIONS OF PIPING INTERFERENCES WITH MECH. CONTRACTOR.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |
| 5-23-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 505 | 3-30-79 | N.S. | | |
| EFO 288 | 6-15-78 | TJ | | |
| BULL 135 | 12-6-77 | JK | | |
| BULL 120 | 11-15-77 | J.K. | | |
| EFO 148 | 11-1-77 | TJ | | |
| BULL 108 | 9-19-77 | TJ | | |
| BULL 90 | 8-24-77 | TJ | | |
| BULL 81 | 8-25-77 | J.K. | | |
| BULL 71 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-27-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

| CONTRACT SIGNATURES | DRAWING CERTIFIED BY |
|---|---|
| FOR THE OWNER | REGISTERED<br>STATE<br>NUMBER<br>DATE |
| FOR THE CONTRACTOR | |

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

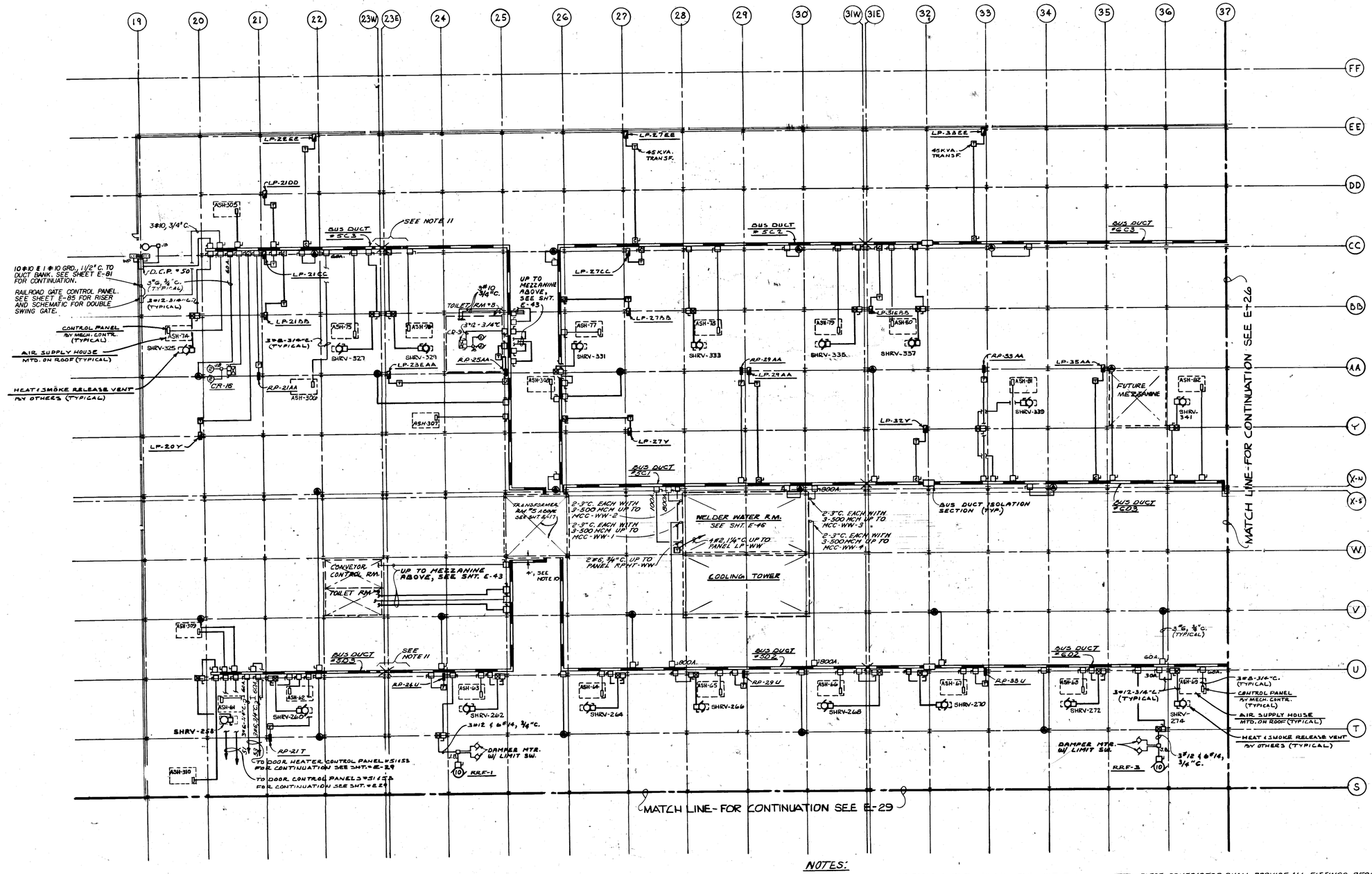
PROJECT TITLE

PLAN- AREA NO. 2
480 VOLT POWER

SHEET TITLE

| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500<br>P. E. & C. PROJECT NUMBER |
| DATE 3-23-77 | E-26 |
| DRAWN BY M.N. & G.R. | |
| JOB CAPT. J. WALDROP<br>J. KONKLE | SHEET NUMBER |

PROJECT NO. 4500 SHEET NO. E-27




## NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN SEE SHT E-1.
2. FOR SYMBOL LIST RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES SEE SHT E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHT E-84.
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHTS E-52 THRU E-64.
6. FOR BUS DUCT CONTACTOR SIZE WHEN SWITCHING TRANSFORMER, SEE SHT. E-3.
7. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
8. SHRV DISCONNECT SWITCH SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
9. FOR TYPICAL WIRING DIAGRAM OF R.A.F'S, SEE SHT. E-91.
10. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.
11. ELECT. CONTRACTOR SHALL PROVIDE ALL FITTINGS REQUIRED TO ALLOW BUS DUCT TO RISE ABOVE PIPING INTERFERENCES AND BACK TO NORMAL ELEVATION. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE EXACT LOCATIONS OF PIPING INTERFERENCES WITH MECHANICAL CONTRACTOR.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 441 | 3-7-79 | T.J. | | |
| EFO 437 | 11-14-78 | W.S. | | |
| EFO 397 | 9-18-78 | J.K. | | |
| BULL 135 | 12-16-77 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| EFO 142 | 11-1-77 | T.J. | | |
| BULL 103 | 9-19-77 | T.J. | | |
| BULL 87 | 8-25-77 | J.K. | | |
| BULL 71 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
443 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

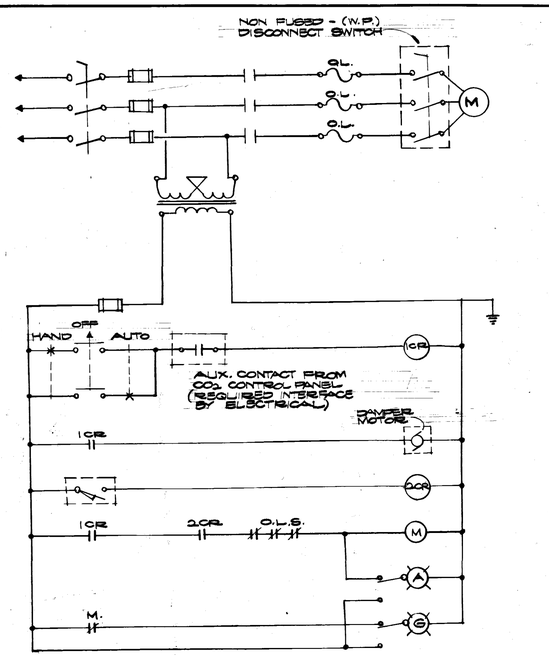
NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.3
480 VOLT POWER

SHEET TITLE

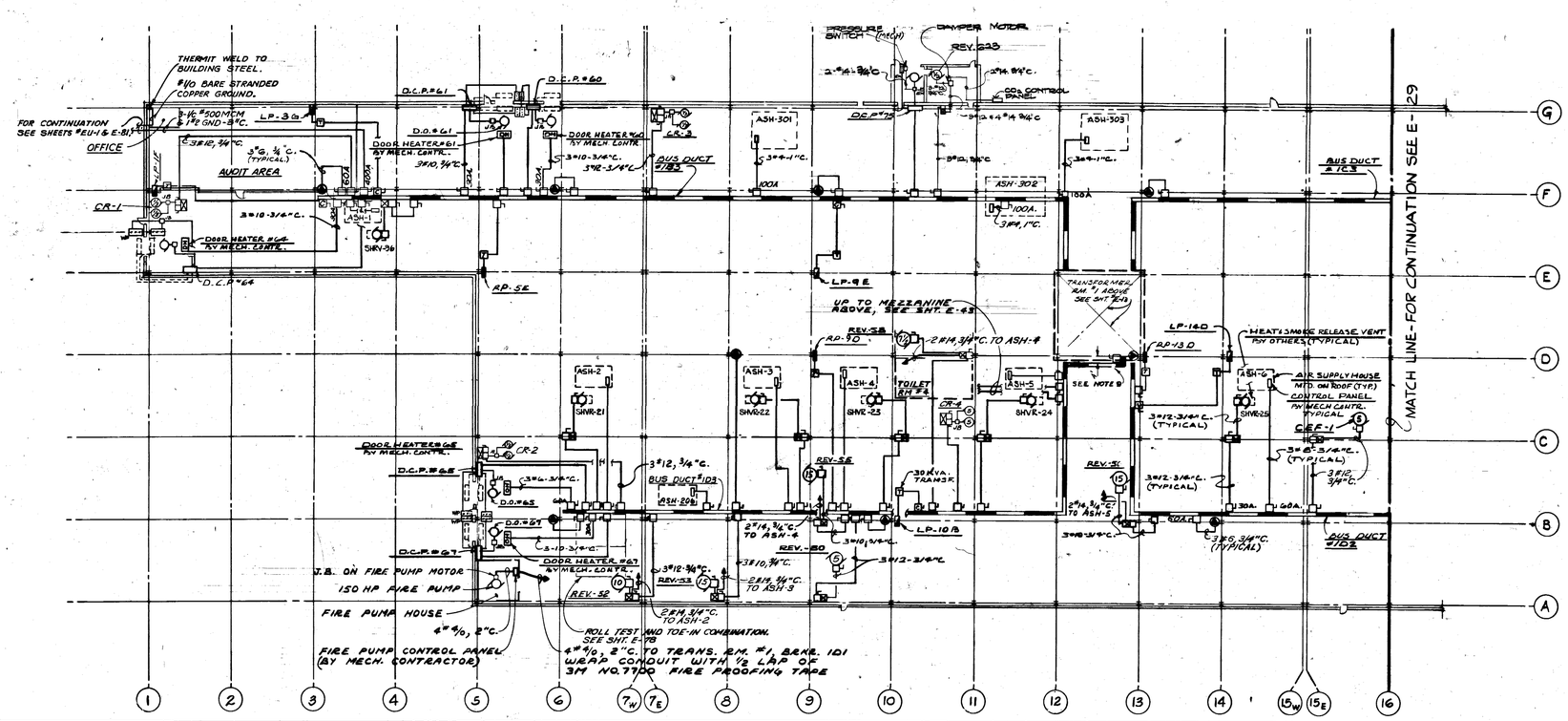
| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P.E. & C. PROJECT NUMBER |
| DATE 3-23-77 | E-27 SHEET NUMBER |
| DRAWN BY M.H. & U.G.R. | |
| JOB CAPT. J. WALDROP J. KONKLE | |



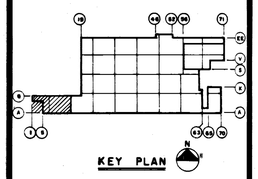

SCHEMATIC DIAGRAM REV 623

NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN SEE SHT E-1.
2. FOR SYMBOL LIST RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES, SEE SHT E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHEET E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHT E-84.
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHTS E-53 THRU E-61.
6. FOR BUS DUCT CONTACTOR SIZE WHEN SWITCHING TRANSFORMER, SEE SHT. E-3.
7. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3
8. SHRV DISCONNECT SWITCH SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
9. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO 503 | 3-30-79 | WS | | |
| ECO 403 | 3-22-79 | WB | | |
| FOR REFERENCE ONLY ECO 366 | 10-23-78 | T.J. | | |
| ECO 425 | 10-23-78 | TJ | | |
| BULL. 185 | 12-16-77 | JK | | |
| ECO #42 | 11-1-77 | TJ | | |
| BULL #161 | 10-5-77 | J.K. | | |
| BULL #146 | 9-19-77 | TJ | | |
| BULL #83 | 9-19-77 | TJ | | |
| BULL 71 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 53 | 6-2-77 | JK | | |
| BULL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

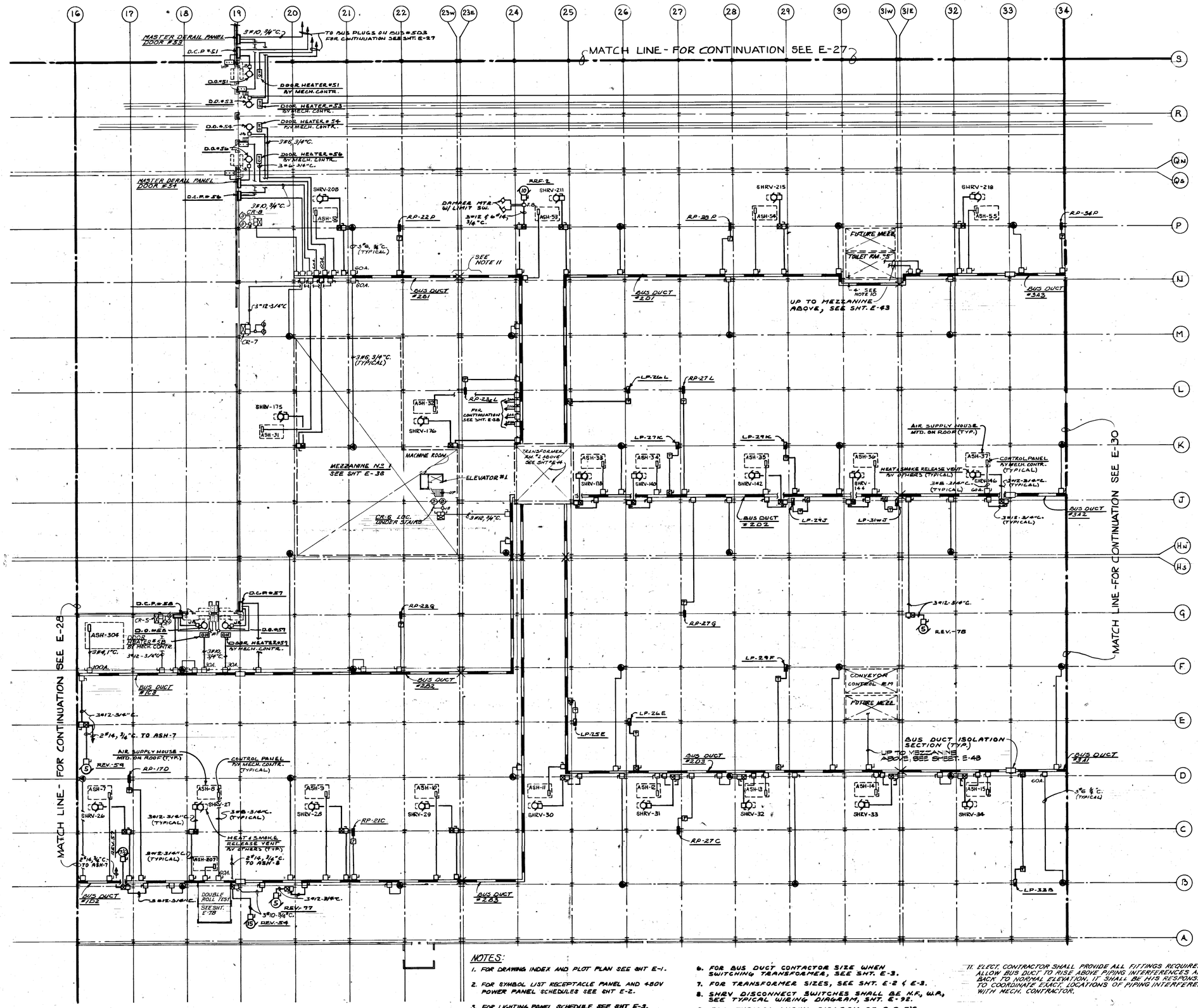
PROJECT TITLE

PLAN-AREA NO.4
480 VOLT POWER

SHEET TITLE

| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P.E. & C. PROJECT NUMBER |
| DATE 3-23-77 | E-28 |
| DRAWN BY M.N. & U.G.R. | |
| JOB CAPT. J. WALDROP J. KONKLE | SHEET NUMBER |

PROJECT NO. 4500 SHEET NO. E-29




NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN SEE SHT E-1.
2. FOR SYMBOL LIST RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES SEE SHT E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHT E-84
5. FOR BUS PLUG AND CONTACTOR & FEEDING LIGHTING SEE SHEETS E-53 THRU E-61.
6. FOR BUS DUCT CONTACTOR SIZE WHEN SWITCHING TRANSFORMER, SEE SHT. E-3.
7. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
8. SHRV DISCONNECT SWITCHES SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
9. FOR TYPICAL WIRING DIAGRAM OF R.R.F.'S, SEE SHT. E-91.
10. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.
11. ELECT. CONTRACTOR SHALL PROVIDE ALL FITTINGS REQUIRED TO ALLOW BUS DUCT TO RISE ABOVE PIPING INTERFERENCES AND BACK TO NORMAL ELEVATION. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE EXACT LOCATIONS OF PIPING INTERFERENCES WITH MECH. CONTRACTOR.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO #91 | 3-7-78 | T.J. | | |
| ECO #126 | 3-6-78 | T.J. | | |
| BULL. 135 | 12-16-77 | J.K. | | |
| BULL. 120 | 11-15-77 | J.K. | | |
| ECO #142 | 11-1-77 | T.J. | | |
| BULL. #89 | 9-19-77 | T.J. | | |
| BULL. #87 | 8-25-77 | J.K. | | |
| BULL. #71 | 8-10-77 | J.K. | | |
| BULL. 61 | 7-7-77 | J.K. | | |
| BULL. 53 | 6-21-77 | J.K. | REF. | |
| BULL. 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA NO. 5
480 VOLT POWER

SHEET TITLE

OWNER'S IDENTIFICATION

P.E. & C. PROJECT NUMBER: 4500

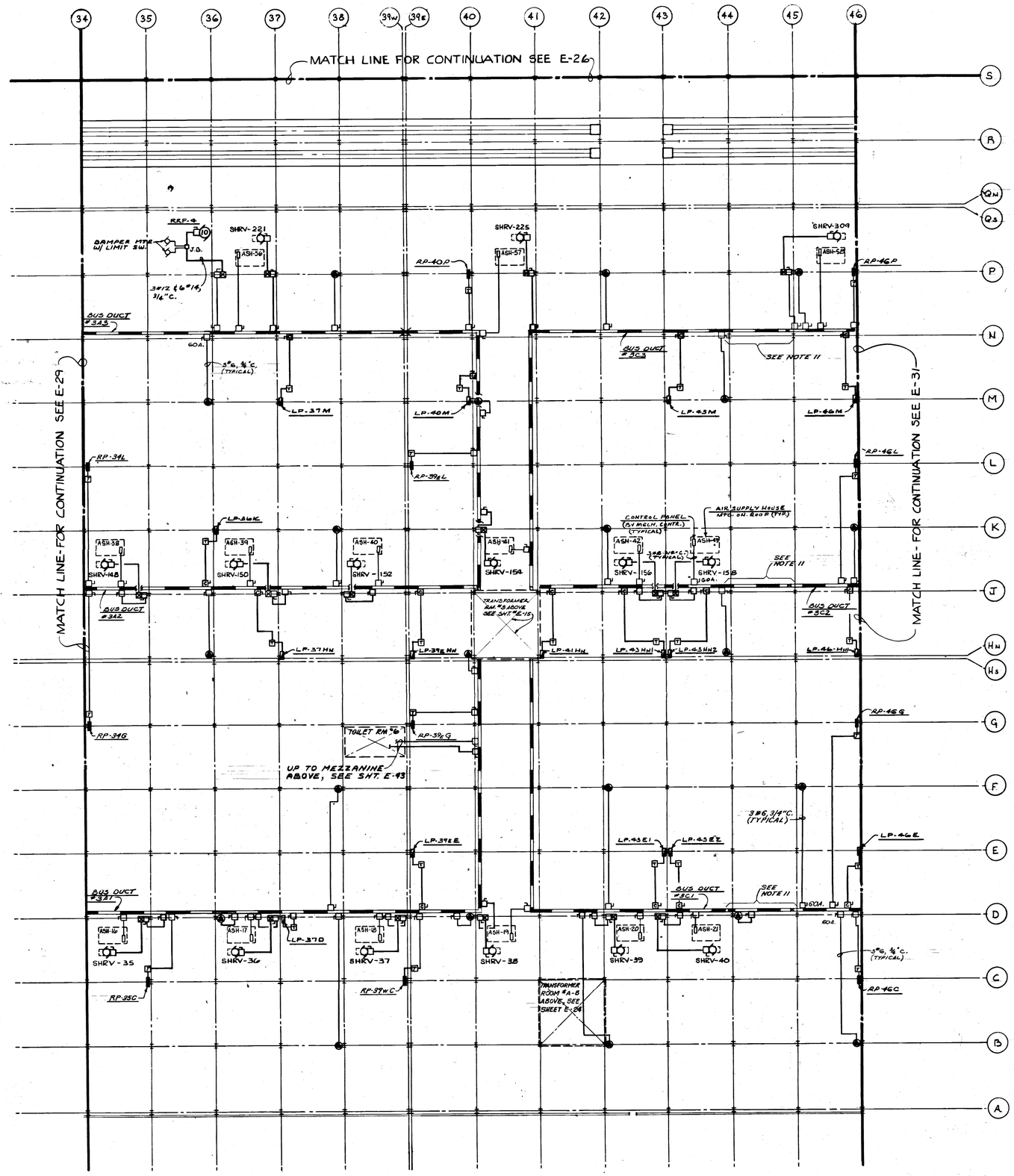
DATE: 3-23-77

DRAWN BY: M.N. & U.G.P.

JOB CAPT.: J. WALDROP, J. KONKLE

SHEET NUMBER: E-29

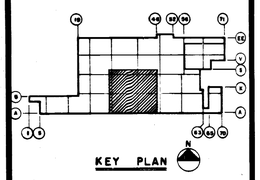
PROJECT NO. 4500 SHEET NO. E-30




NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHT. E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES, SEE SHT E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHEET E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHEET E-84.
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHEETS E-53 THRU E-61.
6. FOR BUS DUCT CONTACTOR SIZE WHEN SWITCHING TRANSFORMER, SEE SHT. E-3.
7. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
8. SHRV. DISCONNECT SWITCH SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
9. FOR TYPICAL WIRING DIAGRAM OF R.E.F.'S, SEE SHT. E-91.
10. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.
11. ELECT. CONTRACTOR SHALL PROVIDE ALL FITTINGS REQUIRED TO ALLOW BUS DUCT TO RISE ABOVE PIPING INTERFERENCES AND BACK TO NORMAL ELEVATION. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE EXACT LOCATIONS OF PIPING INTERFERENCES WITH MECH. CONTRACTOR.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELEC. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-27-77 | PRELIMINARY & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO #43 | 11-1-77 | TJ | | |
| BULL #39 | 9-28-77 | J.K. | | |
| BULL #35 | 9-19-77 | TJ | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | REF | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
445 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.6
480 VOLT POWER

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 3-23-77

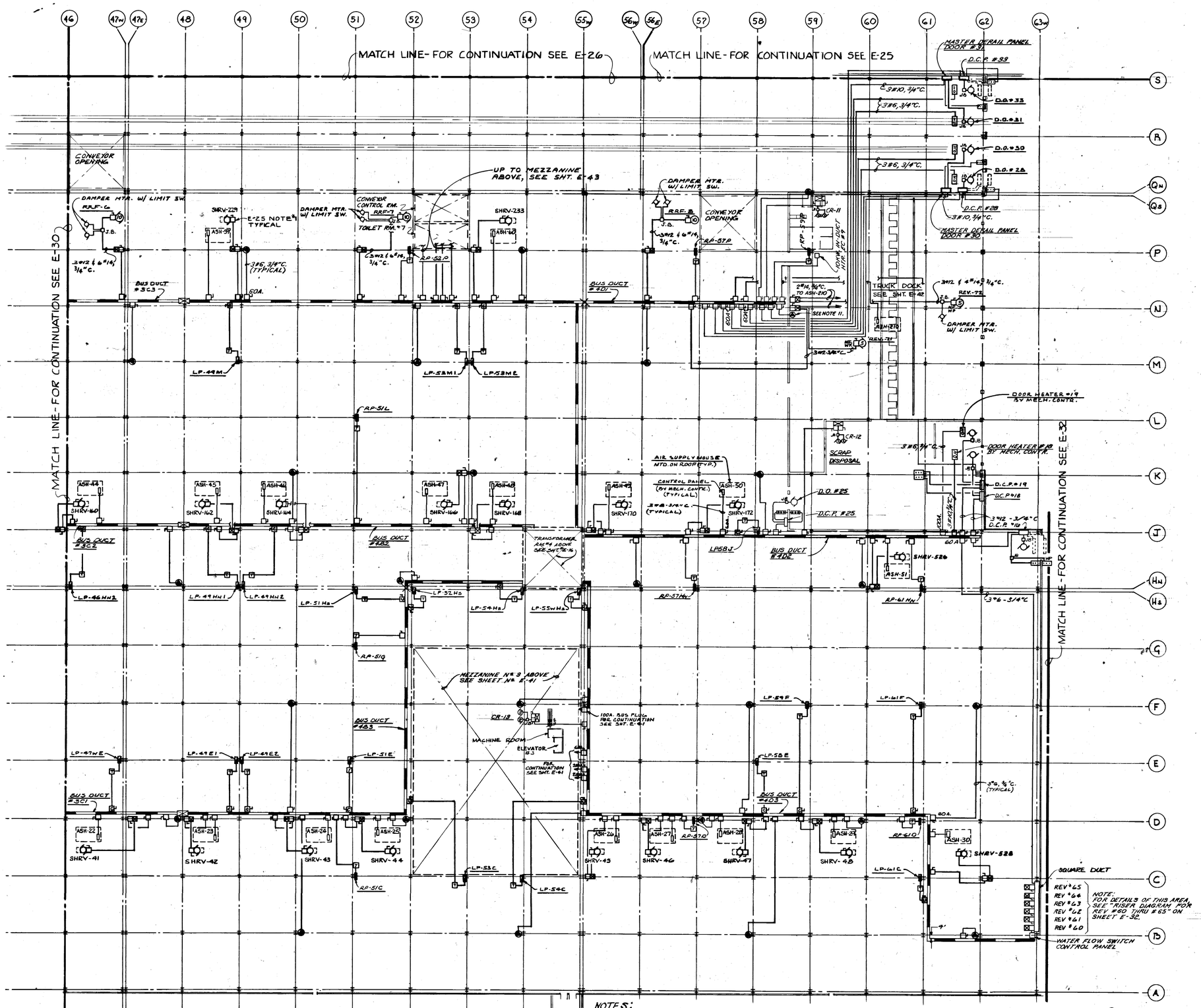
DRAWN BY M.N. & L.G.P.

JOB CAPT. J. WALDROP J. KONKLE

4500
P.E.& C. PROJECT NUMBER

E-30
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-31




## NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHT E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES, SEE SHT. E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHT. E-84
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHEET'S E-53 THRU E-61.
6. FOR BUS DUCT CONTACTOR SIZE WHEN SWITCHING TRANSFORMER, SEE SHT. E-3.
7. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
8. SHRV DISCONNECT SWITCH SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
9. FOR TYPICAL WIRING DIAGRAM OF R.A.F.'S, SEE SHT. E-91.
10. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.
11. ADJUST MOUNTING HEIGHT ON WELDER RECEPTACLE TO PROVIDE CLEAR ACCESS FOR USE ABOVE GUARD RAIL.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BPO 69 | 8-7-79 | T.J. | | |
| EIO 288 | 6-15-78 | T.J. | | |
| BULL 135 | 1-20-78 | J.K. | | |
| BULL 135 | 12-16-77 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL 103 | 9-19-77 | T.J. | | |
| BULL 80 | 8-25-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.7
480 VOLT POWER

SHEET TITLE

OWNER'S IDENTIFICATION

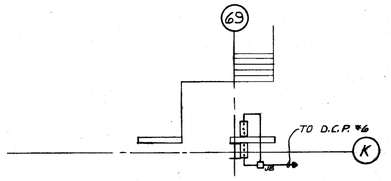
P.E. & C. PROJECT NUMBER 4500

DATE 3-23-77

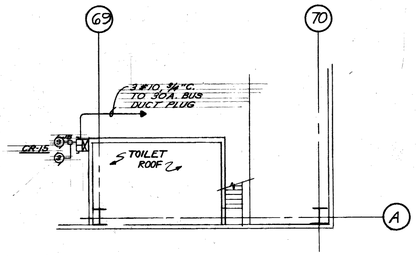
DRAWN BY M.K. & J.C.F.

JOB CAPT. J. WALCROP J. KONKLE

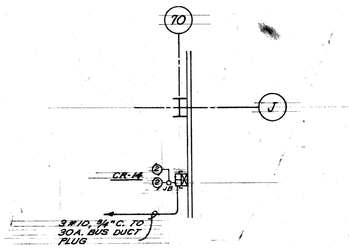
SHEET NUMBER E-31



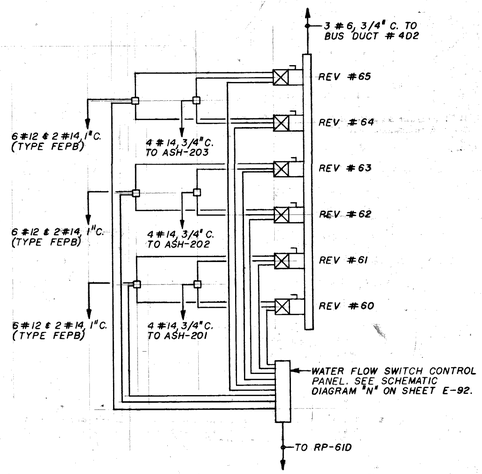

DETAIL "A"



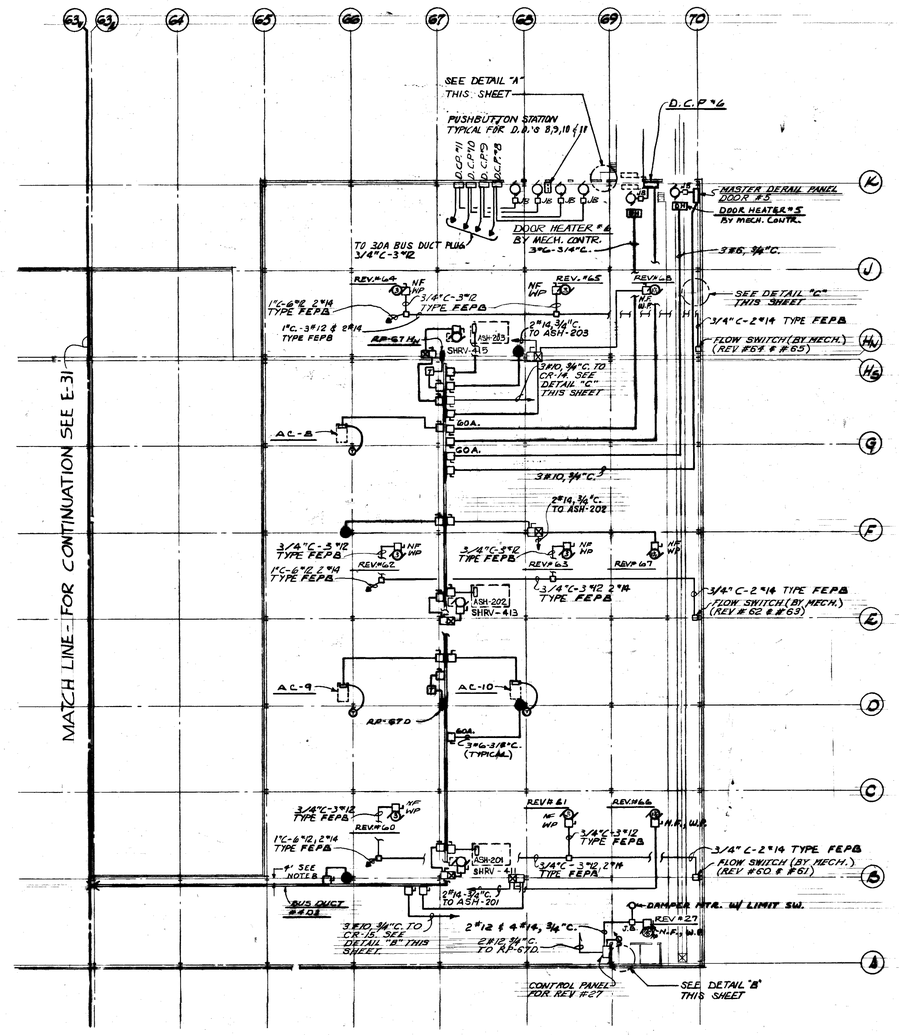

DETAIL "B"




DETAIL "C"



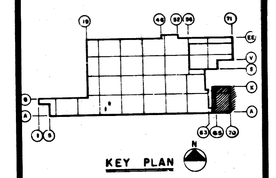

RISER DIAGRAM FOR
REV # 60 THRU # 65




## NOTES

1. FOR DRAWING INDEX AND PLOT PLAN SEE SHEET E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V POWER PANEL SCHEDULES SEE SHEET E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHEET E-3.
4. FOR DOOR SCHEMATICS AND RISER DIAGRAMS SEE SHEET E-84.
5. FOR BUS PLUG AND CONTACTORS FEEDING LIGHTING SEE SHEETS E-53 THRU E-61.
6. FOR TRANSFORMER SIZES, SEE SHT. E-2 & E-3.
7. SHRV DISCONNECT SWITCH SHALL BE N.F., W.P., SEE TYPICAL WIRING DIAGRAM, SHT. E-92.
8. FOR BUS DUCT MOUNTING DETAIL, SEE SHT. E-45.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | PRIME ELECT. & FINISH MECH. REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| CFO 288 | 4-15-78 | T.J. | | |
| BULL. 139 | 1-20-78 | J.K. | | |
| BULL. 135 | 12-16-77 | J.K. | | |
| BULL. 120 | 11-15-77 | J.K. | | |
| BULL. 97 | 8-26-77 | J.K. | | |
| (BULL. 4) | 7-7-77 | J.K. | | |
| BULL. 53 | 6-21-77 | J.K. | REF. | |
| BULL. 28 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.8
480 VOLT POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M.N. & U.G.P.

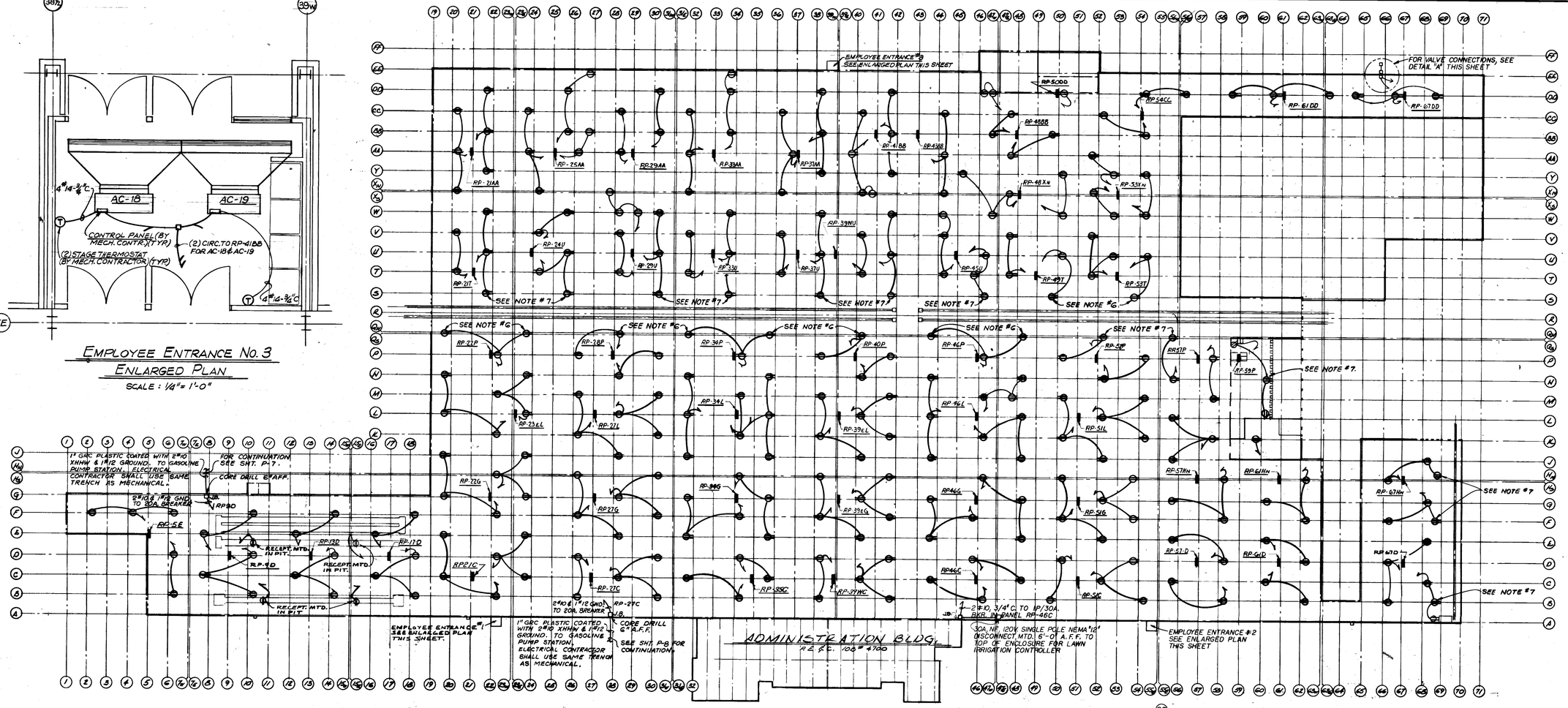
JOB CAPT. J. WALDROP J. KONKLE

E-32
SHEET NUMBER

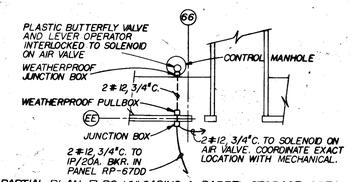
PROJECT NO. 4500 SHEET NO. E-33



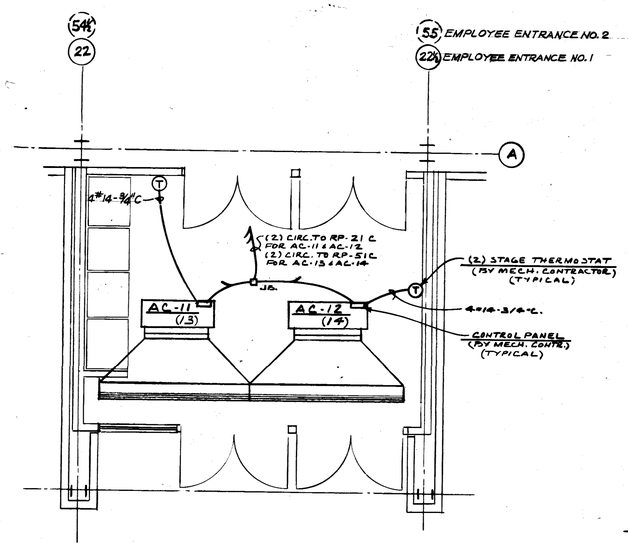

EMPLOYEE ENTRANCE NO. 3
ENLARGED PLAN
SCALE: 1/4" = 1'-0"



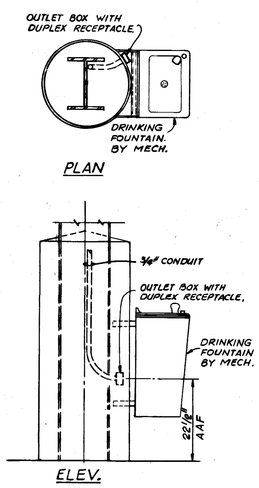

ASSEMBLY BLDG.
SCALE: 1" = 100'



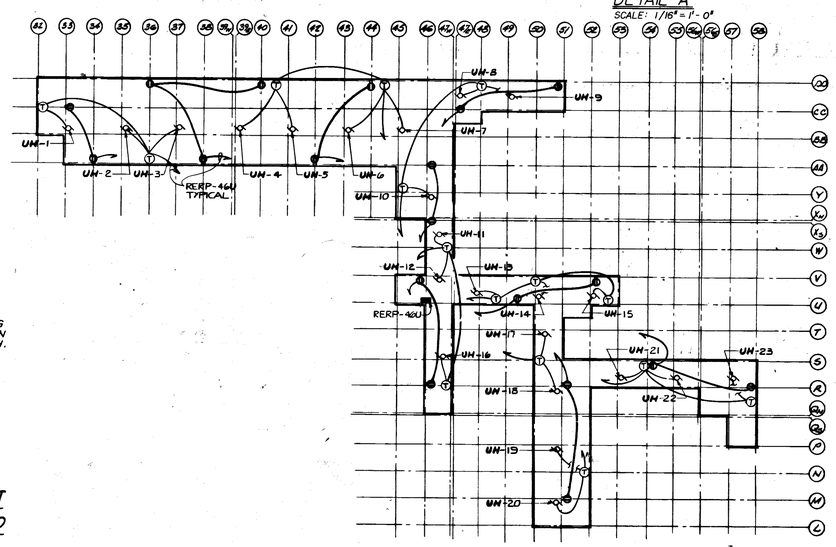

PARTIAL PLAN ELPO UNLOADING & BARREL STORAGE AREA
DETAIL "A"
SCALE: 1/16" = 1'-0"




EMPLOYEE ENTRANCES NO. 1 & NO. 2
ENLARGED PLAN
SCALE 1/4" = 1'-0"




DETAIL FOR RECEPTACLES AT DRINKING FOUNTAIN MOUNTED AT COLUMNS WITH PLATE AND CONCRETE GUARDS
SCALE: 3/4" = 1'-0"



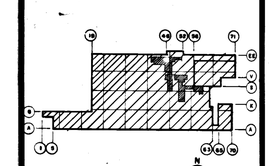

ROOF CONVEYOR ENCLOSURE
SCALE: 1" = 100'

NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHT. E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V. POWER PANEL SCHEDULES, SEE SHT. E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT. E-3.
4. FOR RECEPTACLE PANEL FEEDS SEE SHT. E-25 THRU E-32.
5. ALL 120 VOLT RECEPTACLES SHALL BE MOUNTED 3'-6" TO CENTER OF UNIT UNLESS OTHERWISE NOTED. REFER TO NOTES 6 & 7.
6. RECEPTACLES SHALL BE MOUNTED AS PER DETAIL THIS SHEET.
7. RECEPTACLES SHALL BE MOUNTED 5'-6" TO CENTER OF UNIT.

NORTH

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-25-77 | PRIME ELECT. BID | | |
| 3-25-77 | PRIME MECH. BID | | |
| 5-6-77 | CONV. BID REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 504 | 4-10-79 | W.S. | | |
| EFO 295 | 4-27-78 | J.K. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| EFO 288 | 4-15-78 | T.J. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL 103 | 9-19-77 | T.J. | | |
| BULL 71 | 8-8-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-2-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
120V. POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M.N. D.J.T. J.W. & LOM

JOB CAPT. J. WALDROP J. KONKLE

E-33
SHEET NUMBER

ARGO 110 REV. 12-69 KOKE 17 0133 2-74 1750

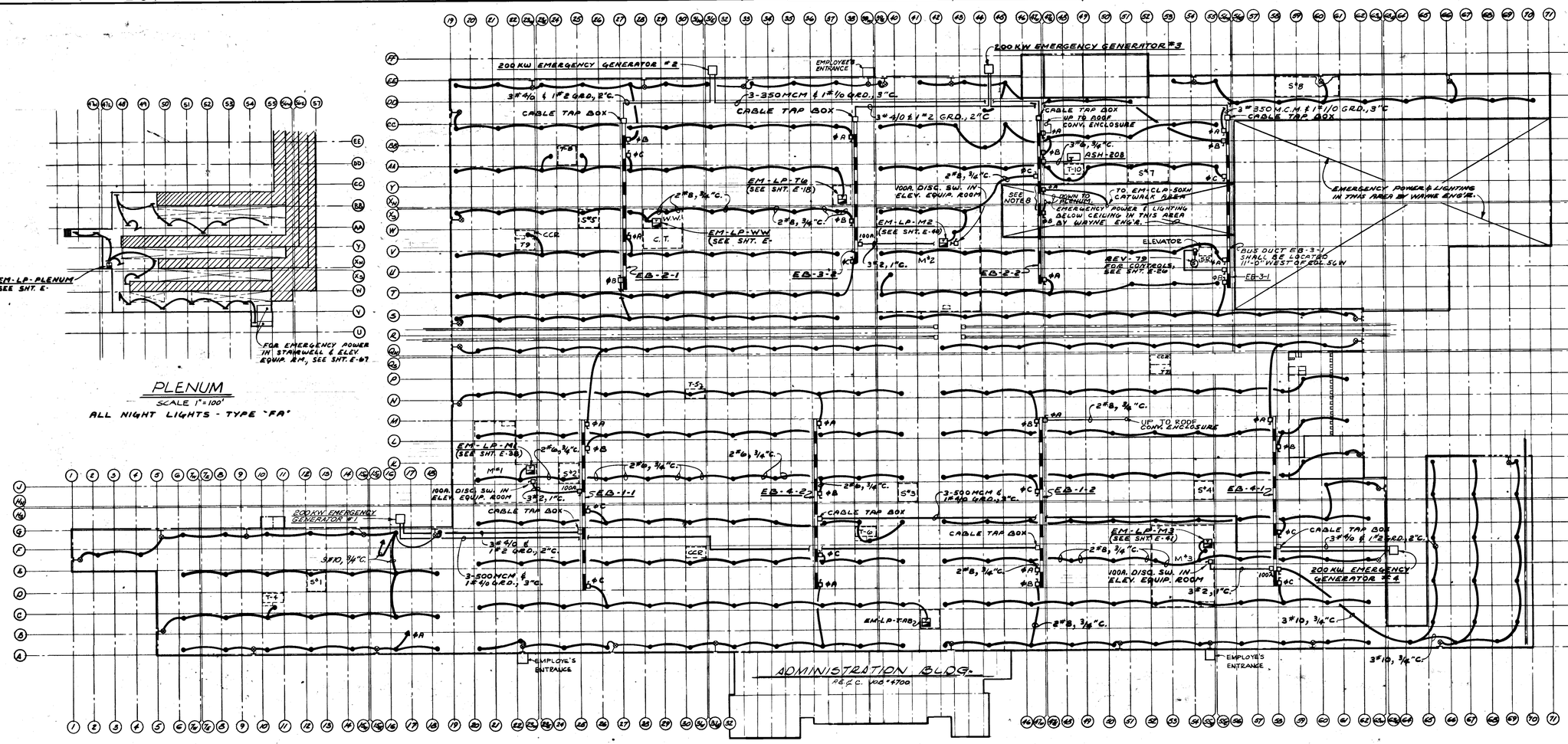
PROJECT NO. 4500 SHEET NO. E-34




PLENUM

SCALE 1" = 100'

ALL NIGHT LIGHTS - TYPE "FA"




ADMINISTRATION BLDG.

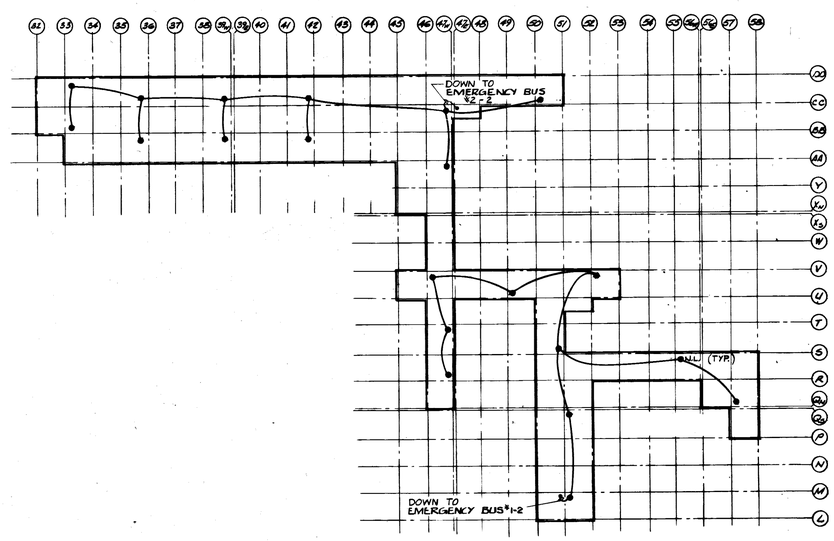
P.E.&C. JOB #4700

ASSEMBLY BLDG.

SCALE: 1" = 100'

ALL NIGHT LIGHTS - TYPE "S3"

ALL EXIT LIGHTS - TYPE "G"




ROOF CONVEYOR ENCLOSURE

SCALE: 1" = 100'

ALL NIGHT LIGHTS - TYPE "SL"

NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHT. E-1.
2. FOR SYMBOL LIST AND 480V. POWER PANEL SCHEDULE, SEE SHT. E-2.
3. FOR TRANSFORMER SIZES, SEE SHT. E-3.
4. ALL CONDUIT AND WIRE, THIS SHEET, 2#10, 3/4"C., EXCEPT AS NOTED.
5. ALL BUS PLUGS, THIS SHEET, 30A., EXCEPT AS NOTED.
6. SEE SHEET E-35 FOR PLAN OF EMERGENCY GENERATOR BUILDINGS & EMERGENCY POWER RISER DIAGRAM.
7. ALL BUS DUCT, THIS SHEET SHALL BE 225A., 3Ø, 3W.
8. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL FITTINGS REQUIRED TO ALLOW BUS DUCT TO RISE ABOVE PIPING INTERFERENCES AND BACK TO NORMAL ELEVATION. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE EXACT LOCATIONS OF PIPING INTERFERENCES WITH OWNERS CONTRACTOR.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-27-77 | FAST TRACK & FINISHING BLD | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| E10389 | 8-2-78 | T.J. | | |
| E10390 | 7-5-78 | T.J. | | |
| E10233 | 2-2-78 | T.J. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| EC #141 | 11-1-77 | TJ | | |
| BULL #79 | 9-29-77 | J.K. | | |
| BULL 71 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | | |
| BULL-20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT

FOR

OKLAHOMA INDUSTRIES AUTHORITY

TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLANS — EMERGENCY POWER

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 3-23-77

DRAWN BY M.K.-J.W.

JOB CAPT. J. WALDROP J. KONKLE

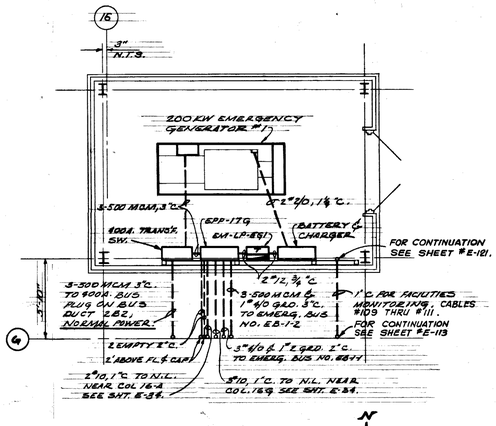
4500

P. E. & C. PROJECT NUMBER

E-34

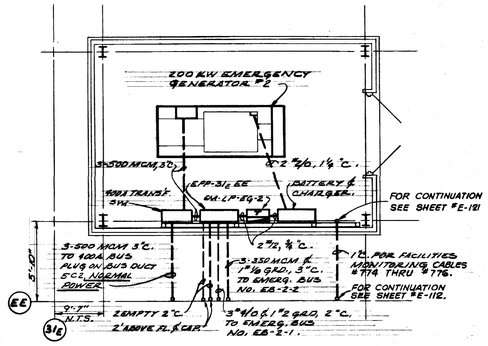
SHEET NUMBER

ARGO 118 REV. 12-69 KOKE 17 0150 2-74 7790



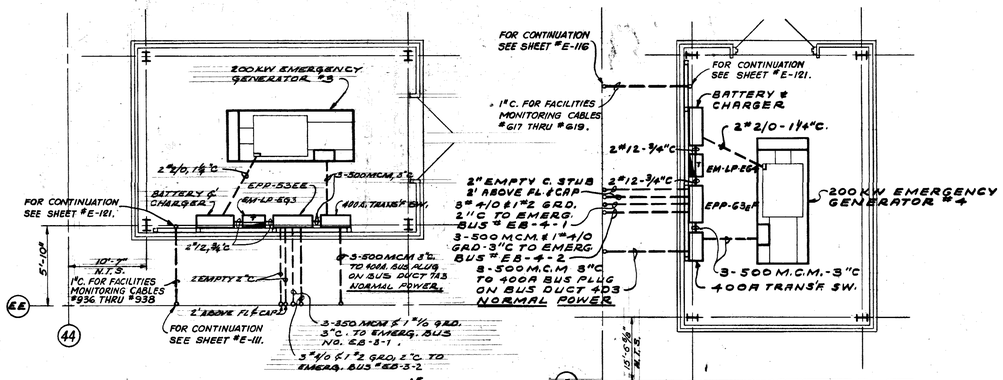

EMERGENCY GEN. BLDG. #1

SCALE : 1/4" = 1'-0"




EMERGENCY GEN. BLDG. #2

SCALE : 1/4" = 1'-0"

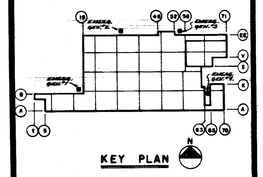


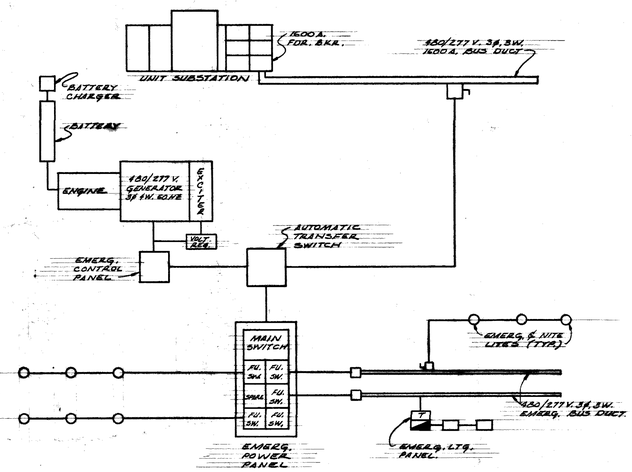

EMERGENCY GEN. BLDG. #3

SCALE : 1/4" = 1'-0"

EMERGENCY GEN. BLDG. #4

SCALE : 1/4" = 1'-0"




TYPICAL EMERGENCY GENERATOR RISER DIAGRAM

NO SCALE

NOTES:

1. FOR DRAWING INDEX AND PLOT PLAN SEE SHT. E-1.
2. FOR SYMBOL LIST AND 480V. POWER PANEL SCHEDULES, SEE SHT. E-2.
3. FOR LIGHTING PANEL SCHEDULE SEE SHT. E-3.
4. FOR TRANSFORMER SIZES SEE SHT. E-3.
5. SEE SHT. E-34 FOR EMERGENCY POWER PLAN.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-16-77 | BULL. #20 | | |
| 5-27-77 | PAINTING & FINISHING REF | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 291 | 4-25-78 | JK | | |
| BULL 147 | 3/13/78 | T.J. | | |
| EFO #197 | 12-20-77 | J.K. | | |
| BULL #71 | 9-16-77 | J.K. | | |
| BUL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
EMERGENCY GENERATOR
BUILDINGS - POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E. & C. PROJECT NUMBER

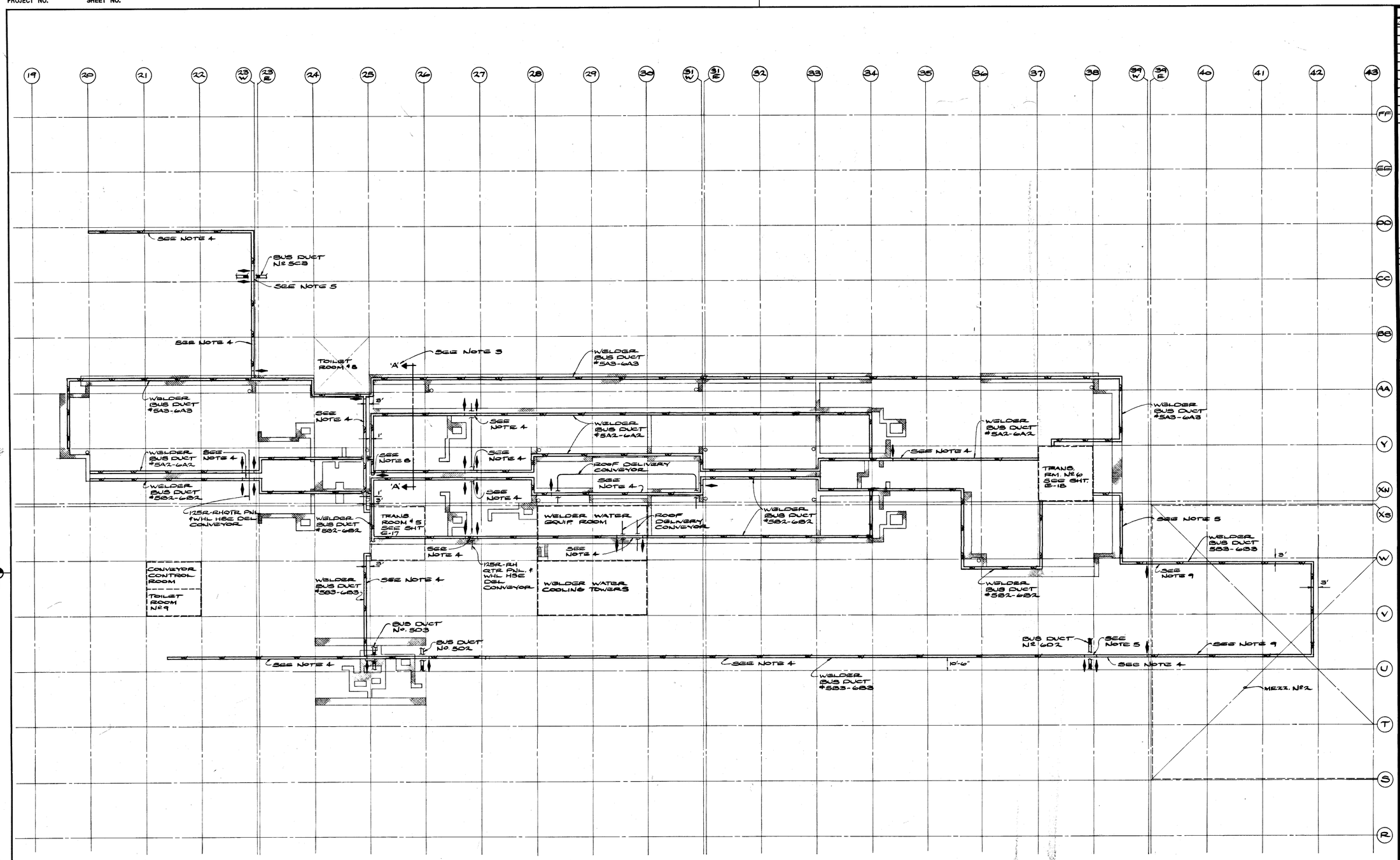
DATE 5-16-77

DRAWN BY F.H. M.N.

JOB CAPT. T. JOHNSON J. KONKLE

E-35
SHEET NUMBER

PROJECT NO. SHEET NO.




## NOTES

1. FOR DRAWING INDEX & PLOT PLAN SEE SHT E-1
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V. POWER PANEL SCHEDULES, SEE SHT E-2
3. WELDER BUS DUCT SHALL BE MOUNTED ABOVE CATWALKS & BELOW THE BOTTOM CHORD OF TRUSS, EXCEPT AS NOTED. SEE TYPICAL MOUNTING DETAILS & SECTION 'A-A' SHEET E-36A
4. FOR TYPICAL BUS DUCT MOUNTING DETAILS WHEN BUS DUCT IS INSTALLED ABOVE THE BOTTOM CHORD OF TRUSS SEE SHT. E-45
5. FOR TYPICAL BUS DUCT CROSSING SEE SHT E-45.
6. FOR WELDER BUS DUCT INSTALLATION BELOW TRANSFORMER ROOMS Nº 5 & Nº 6 SEE SHEETS E-17 & E-18
7. ⟵ THIS SYMBOL INDICATES A CHANGE IN ELEVATION OF THE WELDER BUS DUCT
8. HOME RUN FOR WELDER BUS DUCT Nº 5A2-6A2 SHALL BE INSTALLED ABOVE WELDER BUS DUCT Nº 5B2-6B2 AT 2'-6" ABOVE THE BOTTOM CORD OF TRUSS SEE SHT. E-17
9. WELDER BUS DUCT SHALL BE INSTALLED AT APPROXIMATELY 14'-6" AFF AND AS HIGH AS POSSIBLE BELOW LOWER STRUCTURAL FRAMING FOR MEZZ. Nº 2

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-30-77 | BULL. Nº 58 | J.J. Konkle | [illegible] |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | J.J. Konkle | [illegible] |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — UNION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
WELDER BUS DUCT

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

DATE 6-30-77

DRAWN BY T.G.B.

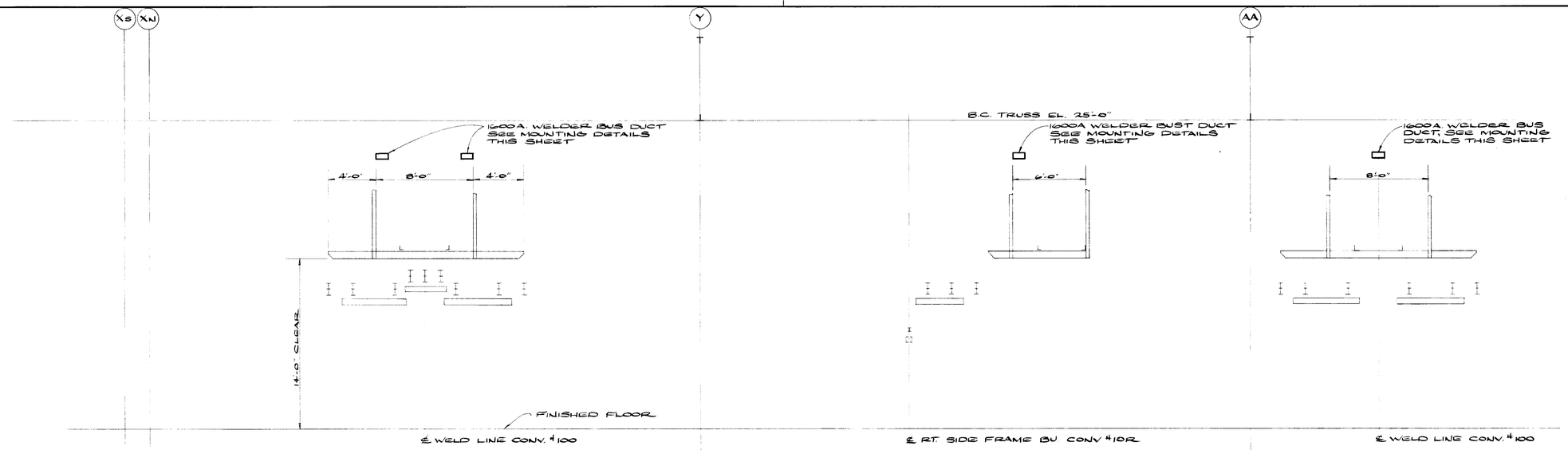
JOB CAPT. J. WALDROP

J. KONKLE

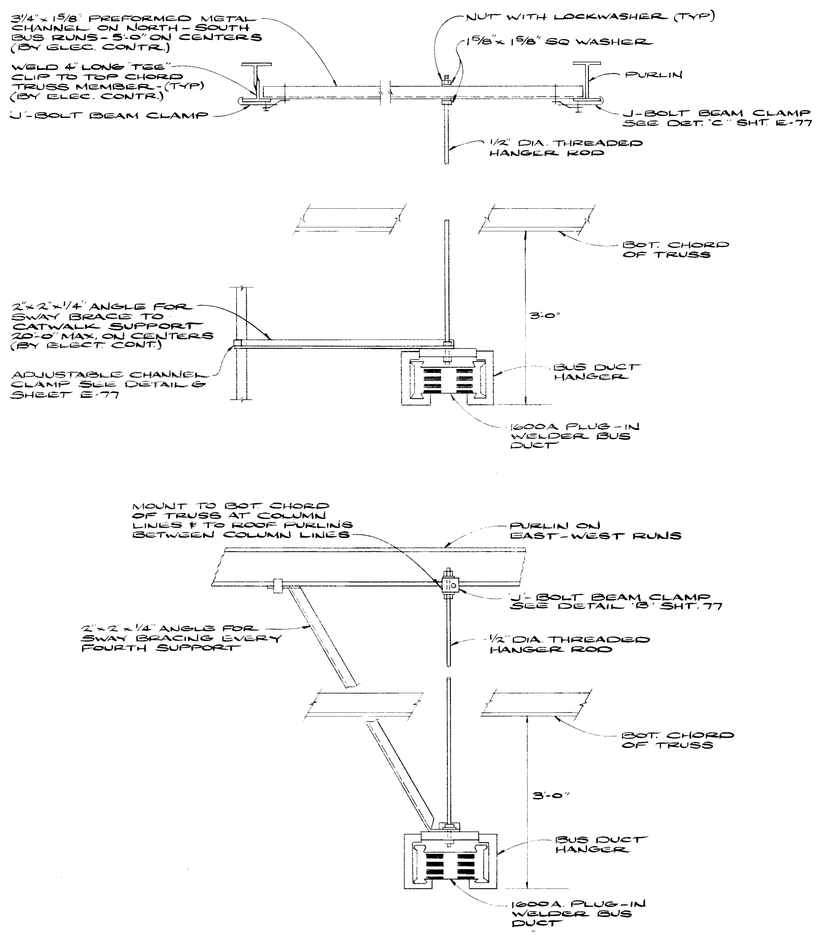
SHEET NUMBER: E-36

ARGO 118 REV. 12-69 K&E 17 0183 5-74 1790-

PROJECT NO. SHEET NO.




CATWALK SECTION 'A-A'
LOOKING WEST SEE SH. E-36




TYPICAL WELDER BUS DUCT MOUNTING & SWAY BRACE MOUNTING DETAILS
N.T.S.

NOTES:
1. FOR DRAWING INDEX, SEE SHEET Nº E-1
2. SEE SHEET E-36 FOR PLAN OF WELDER BUS DUCT

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-30-77 | BULL. Nº 58 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS CORPORATION
ARCHITECTURE & ENGINEERING & REAL ESTATE & CONSTRUCTION

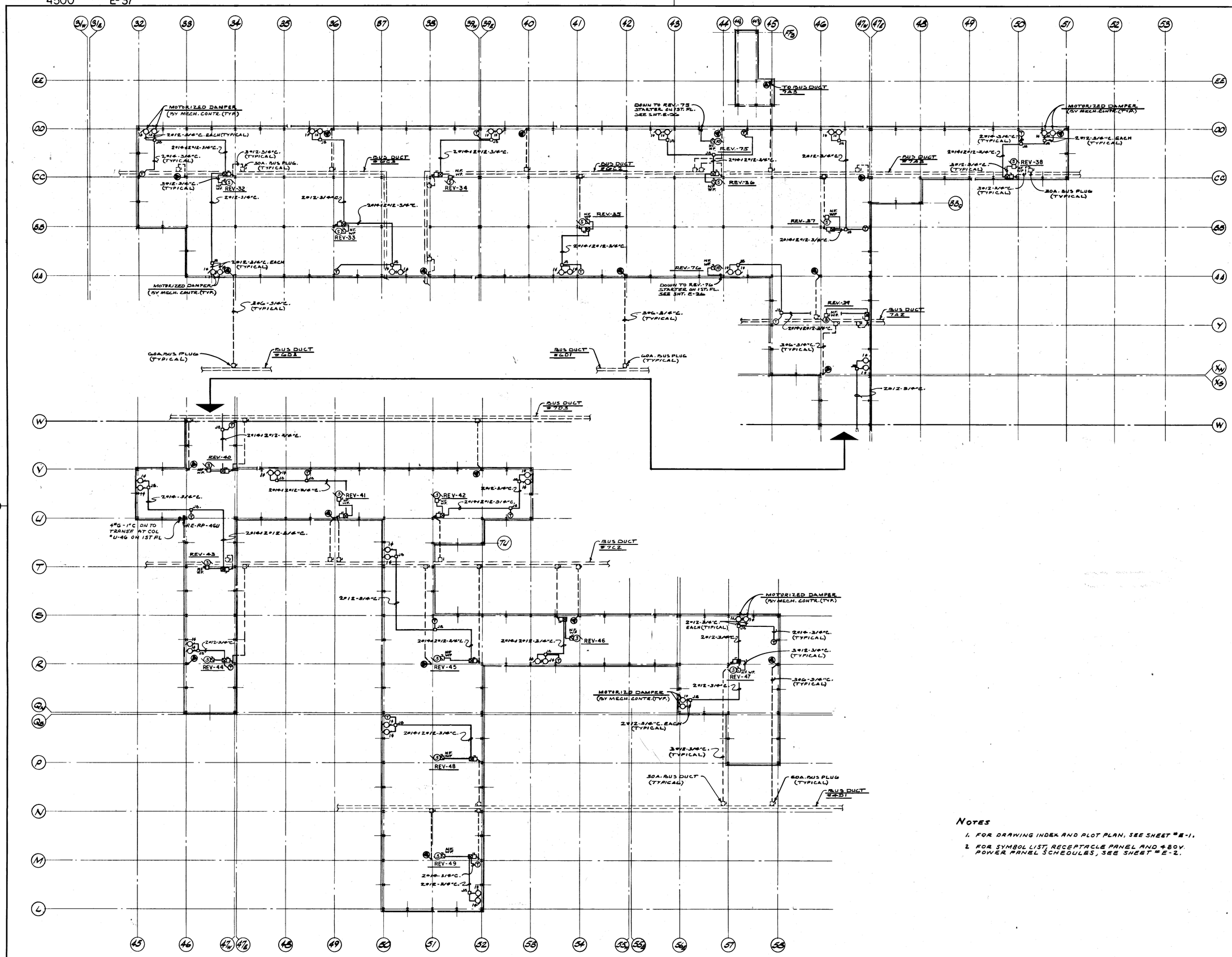
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKIE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA
PROJECT TITLE

WELDER BUS DUCT MOUNTING DETAILS
SHEET TITLE

OWNER'S IDENTIFICATION
P.E.&C. PROJECT NUMBER: 4500
DATE 6-30-77
DRAWN BY T.G.B
JOB CAPT. J. WALDROP J. KONKLE
SHEET NUMBER: E-36A

ARGO 118 REV. 12-69 K&E 17 0133 2-74 1750+




## NOTES

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHEET #E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480V. POWER PANEL SCHEDULES, SEE SHEET #E-2.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELEC. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-6-77 | GENL. BID REF. | | |
| 5-27-77 | PAINTING & PLUMBING BID | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #138 | 1-20-78 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | REF | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-ROOF
CONVEYOR HOUSING
480V. POWER

SHEET TITLE

| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P.E.&C. PROJECT NUMBER |
| DATE 3-23-77 | E-37 SHEET NUMBER |
| DRAWN BY J.G.P. J.W. | |
| JOB CAPT. J. WALDROP J. KOWALE | |

## KITCHEN POWER PANEL № KRP-1-M1 120/208V. 3ø, 4W, 400A. MAIN BREAKER

| ITEM NO. | KITCHEN EQUIPMENT | LOAD | 120V. 1ø | 120/208V. 1ø-3W | 120/208V. 3ø-4W | 208V. 1ø | 208V. 3ø | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 109 | SLICER | 1/3 H.P. | ● | | | | | 20A.-1P. | 2#12 & 1#12 GRD. 3/4"C. | |
| 111 | CARBONATED BEV. SYSTEM | 1/2 H.P. | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 112 | ICE MAKER | 1 1/2 H.P. | | | ● | | | 20A.-3P | 4#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 113 | POT & PAN SINK RECEPT. | 1/2 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 115 | FREEZER | 1/2 H.P. | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 117 | REFRIGERATOR | 1/6 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 118 | WARMER-PASS THRU | 3 KW. | | | | ● | | 20A.-2P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 120 | CONVECTION STEAMER | 24 KW. | | | | | ● | 90A.-3P | 3#4 & 1#8 GRD. 1"C. | SEE NOTE 2 |
| 121 | FRYER | 18 KW. | | | | | ● | 70A.-3P | 3#6 & 1#8 GRD. 1"C. | SEE NOTE 2 |
| 121 | FRYER | 18 KW. | | | | | ● | 70A.-3P | 3#6 & 1#8 GRD. 1"C. | SEE NOTE 2 |
| 122 | SPREADER PLATE RECEPT. | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 123 | CONVECTION OVEN | 22 KW. | | | | | ● | 90A.-3P | 3#4 & 1#8 GRD. 1"C. | |
| 124 | WORKTABLE W/SINK RECEPT. | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 125 | WORKTABLE RECEPT. | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 126 | REFRIGERATOR | 1/2 HP | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 128 | FRYER | 12 KW. | | | | | ● | 50A-3P | 3#8 & 1#10 GRD. 3/4"C. | SEE NOTE 2 |
| 128 | FRYER | 12 KW. | | | | | ● | 50A-3P | 3#8 & 1#10 GRD. 3/4"C. | SEE NOTE 2 |
| — | CART PARKING AREA RECEPT'S. | | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| — | CAFETERIA AREA RECEPT'S. | | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| — | CAFETERIA AREA RECEPT'S. | | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 113 | POT & PAN SINK DISPOSER | 1 H.P. | | | | | ● | 20A.-3P | 3#12 & 1#12 GRD. 3/4"C. | |
| 169 | DISHWASHER RM. RECEPT'S | 1.8 KW | ● | | | | | 20A.-1P | 2#12 + 1#12 GRD. 3/4"C. | |
| | DISHWASHER DETERGENT SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | 2#12 + 1#12 GRD. 3/4"C. | |
| 168 | KITCHEN RECEPT. | 1.8 KW | ● | | | | | 20A-1P | 2#12 + 1#12 GRD. 3/4"C. | |

## KITCHEN POWER PANEL № KRP-2-M1 120/208V. 3ø, 4W, 400A. MAIN BREAKER

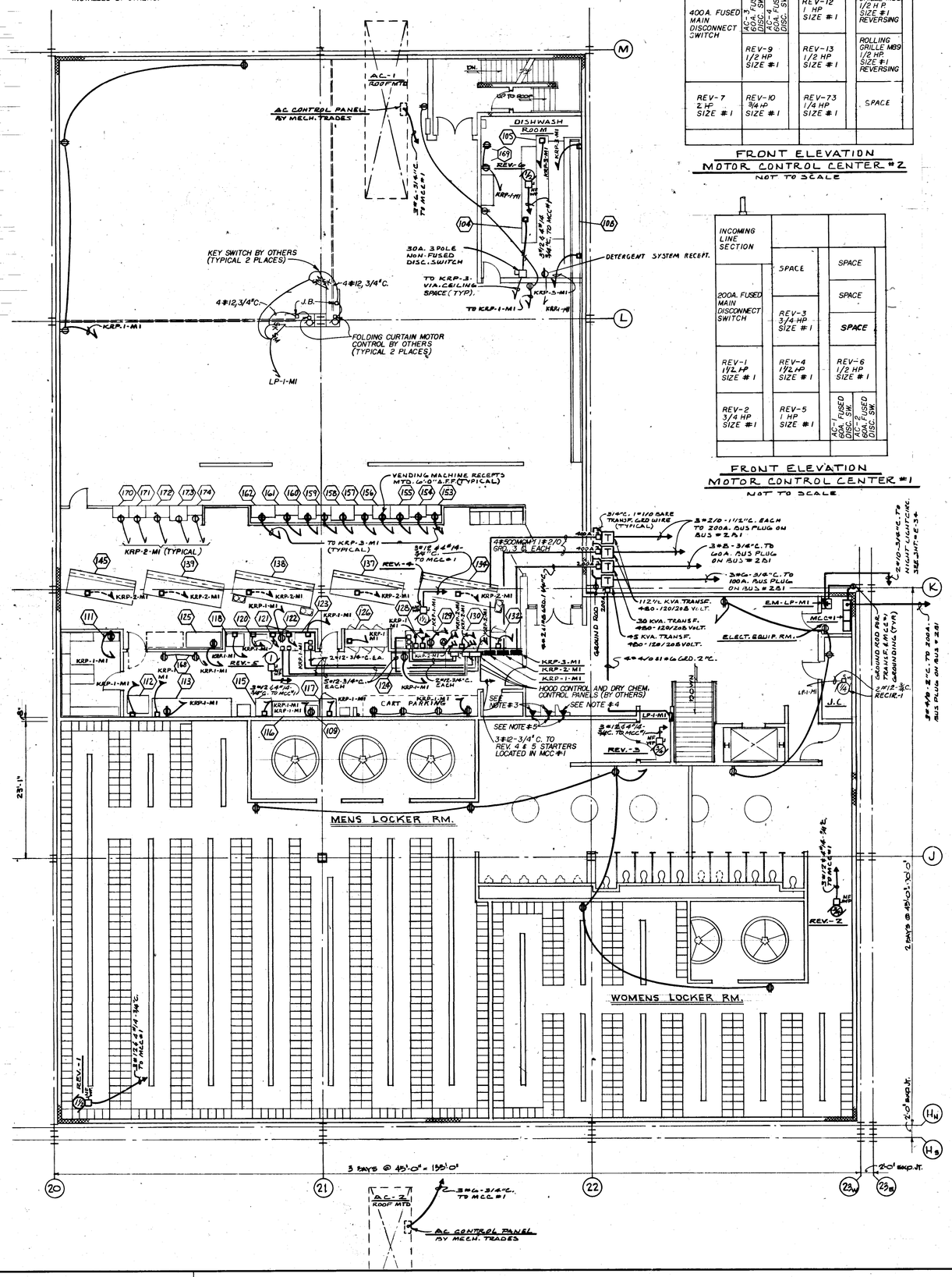
| ITEM NO. | KITCHEN EQUIPMENT | LOAD | 120V. 1ø | 120/208V. 1ø-3W | 120/208V. 3ø-4W | 208V. 1ø | 208V. 3ø | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 129 | HEAT LAMP RECEPT. | 1.5 KW | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 129 | TOASTER RECEPT. | 4.2 KW | | | | ● | | 30A.-2P | 2#10 & 1#12 GRD. 3/4"C. | |
| 130 | GRIDDLE | 32 KW | | | | | ● | 125A-3P | 3#2 & 1#8 GRD. 1 1/2"C. | SEE NOTE 2 |
| 132 | REFRIG. DUAL TEMP. | 1 1/4 HP, 1/5 HP | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 134 | SHORT ORDER SAND. COUNTER | 16.5 KW | | | ● | | | 70A-3P | 4#6 & 1#8 GRD. 1"C. | SEE NOTE 2 |
| 137 | SALAD & DESSERT COUNTER | 1.5 KW | | ● | | | | 20A-2P | 3#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 138 | HOT FOOD COUNTER | 17.5 KW | | | ● | | | 70A-3P | 4#6 & 1#8 GRD. 1"C. | SEE NOTE 2 |
| 139 | COLD BEVERAGE COUNTER | 2.5 KW | | ● | | | | 20A-2P | 3#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 145 | HOT BEVERAGE COUNTER | 19 KW | | | ● | | | 70A-3P | 4#6 & 1#8 GRD. 1 1/4"C. | SEE NOTE 2 |
| 170 | CANDY MACHINE | | ● | | | | | 20A-1P | 2#12 & 1#12 GRD. 3/4" C. | |
| 171 | COFFEE MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4 C. | |
| 172 | CONDIMENT AND MICRWAVE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4" C. | |
| 173 | COLD FOOD MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4" C. | |
| 174 | CURRENCY CHANGER | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4" C | |
| | SPARE | | ● | | | | | 20A.-1P | | |
| | SPARE | | ● | | | | | 20A.-1P | | |
| | SPARE | | ● | | | | | 20A.-1P | | |
| 119 | HOOD LIGHTS & CONTROL CAB. | 1.8 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 119 | HOOD LIGHTS & CONTROL CAB. | 1.8 KW | ● | | | | | 20A.-1P | | SEE NOTE 2 |
| 127 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 127 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | | SEE NOTE 2 |
| 127 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 127 | DRY CHEM SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | | SEE NOTE 2 |

## KITCHEN POWER PANEL № KRP-3-M1 120/208V. 3ø, 4W, 100A. MAIN BREAKER

| ITEM NO. | KITCHEN EQUIPMENT | LOAD | 120V. 1ø | 120/208V. 1ø | 120/208V. 3ø-4W | 208V. 1ø | 208V. 3ø | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 104 | DISHWASHER | 2 HP, 2 HP, 1 HP, 1/2 HP | | | | | ● | 30A.-3P | 3#10 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 105 | CONVEYOR | 3/4 HP. | | | | ● | | 20A.-2P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 106 | DISHTABLE CONVEYOR | 2 HP. | | | | ● | | 20A.-2P | 2#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 108 | DISPOSER & FLUSH PUMP | 7 1/2 & 2 H.P. | | | | | ● | 40A.-3P | 3#8 & 1#10 GRD. 1"C. | SEE NOTE 2 |
| 153 | CURRENCY & COIN CHANGER | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 154 | CIGARETTE MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 155 | COLD DRINK | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 156 | MILK MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 157 | ICE CREAM MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 158 | BAG/SNACK | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 159 | COFFEE MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 160 | COLD DRINK | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 161 | HOT CAN MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 162 | MICROWAVE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |

NOTES:

1. ALL REV'S. ON THIS SHEET HAVE A MOTORIZED DAMPER AND LIMIT SWITCH.
2. WIRE WILL NOT BE INSTALLED UNLESS IT TERMINATES IN A RECEPTACLE FOR INDICATED ITEMS. ALL OTHER INDICATED WORK WILL BE ACCOMPLISHED.
3. FLUSH MOUNTED 4" SQ. JUNCTION BOX WITH SINGLE DEVICE COVER MOUNTED 4'-6" A.F.F. FOR TELEPHONE BOOTHS INSTALLED BY OTHERS.
4. FLUSH MOUNTED 4" SQ. JUNCTION BOX WITH SINGLE DEVICE COVER MOUNTED 3'-0" A.F.F. FOR TELEPHONE BOOTH INSTALLED BY OTHERS.
5. 1" C. WITH PULL WIRE FROM EACH TELEPHONE JUNCTION BOX RUN IN WALL UP INTO CEILING SPACE AND TURNED OUT.



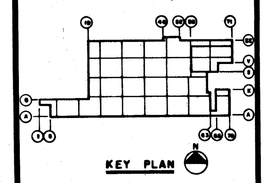




FRONT ELEVATION
MOTOR CONTROL CENTER #2
NOT TO SCALE




FRONT ELEVATION
MOTOR CONTROL CENTER #1
NOT TO SCALE



KEY PLAN

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-21-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECHANICAL | | |
| 5-20-77 | SUPPORT D. SUB REF. | | |
| 5-26-77 | ARCH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 4041 | 2-7-79 | WS | | |
| EFO 4021 | 1-9-79 | WS | | |
| EFO 291 | 1-25-78 | J.K. | | |
| BULL 139 | 2-6-78 | J.K. | | |
| BULL 135 | 1-20-78 | J.K. | | |
| BULL 135 | 12-16-77 | J.K. | | |
| EFO 140 | 10-31-77 | J.K. | | |
| BULL 80 | 9-19-77 | T.J. | | |
| BULL 71 | 8-19-77 | J.K. | | |
| BULL 67 | 7-7-77 | J.K. | | |
| BULL 20 | 5-18-76 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

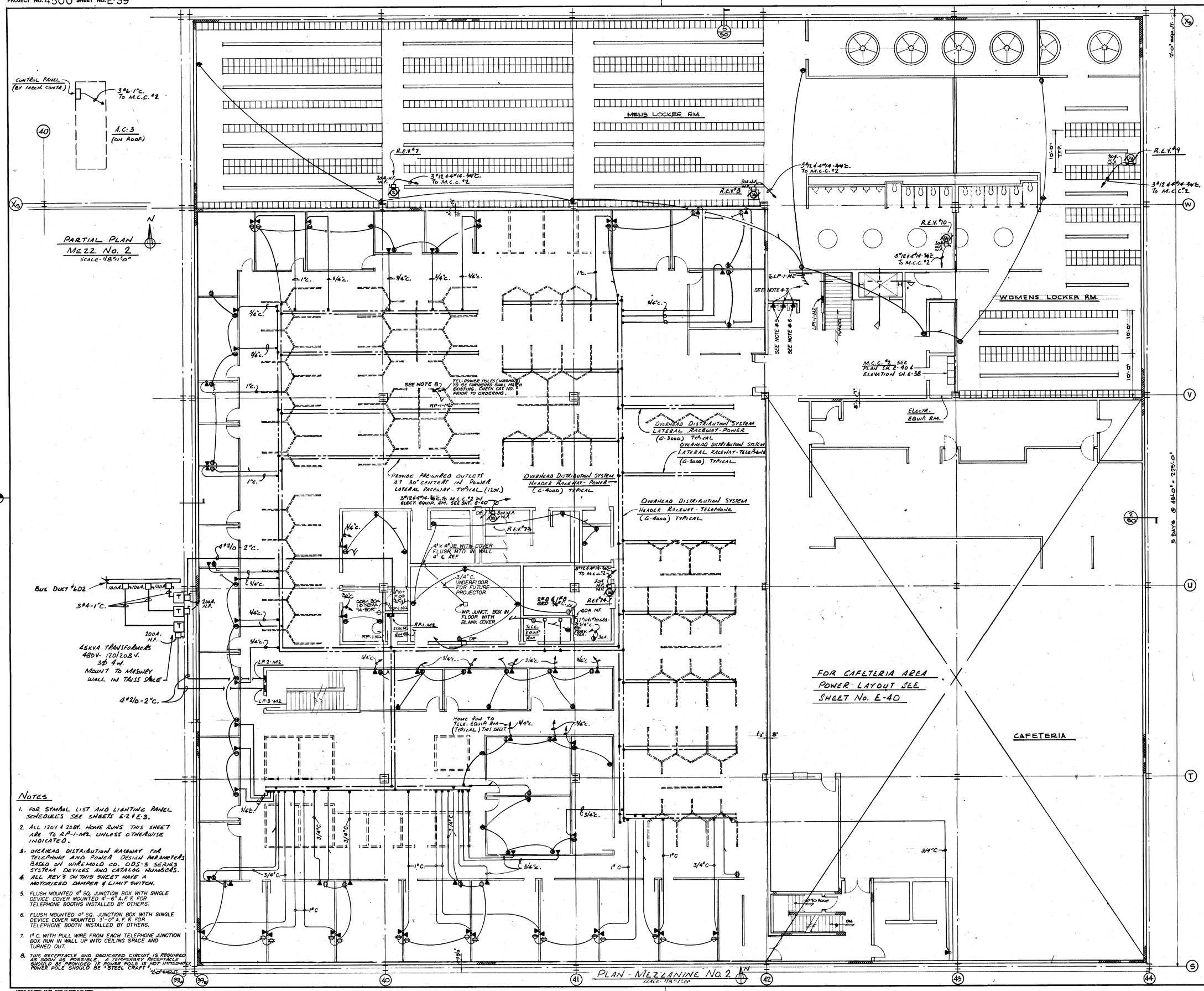
PROJECT TITLE

PLAN
MEZZANINE № 1
POWER

SHEET TITLE

OWNER'S IDENTIFICATION
P. E. & C. PROJECT NUMBER: 4500
DATE 3-23-77
DRAWN BY J.W. & J.L.P.
JOB CAPT. J. WALDROP, J. KONKLE
SHEET NUMBER: E-38

PROJECT NO. 4500 SHEET NO. E-39




## NOTES

1. FOR SYMBOL LIST AND LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3.
2. ALL 120V & 208V. HOME RUNS THIS SHEET ARE TO RP-1-M2 UNLESS OTHERWISE INDICATED.
3. OVERHEAD DISTRIBUTION RACEWAY FOR TELEPHONE AND POWER DESIGN PARAMETERS BASED ON WIREMOLD CO. ODS-3 SERIES SYSTEM DEVICES AND CATALOG NUMBERS.
4. ALL REV'S ON THIS SHEET HAVE A MOTORIZED DAMPER & LIMIT SWITCH.
5. FLUSH MOUNTED 4" SQ. JUNCTION BOX WITH SINGLE DEVICE COVER MOUNTED 4'-6" A.F.F. FOR TELEPHONE BOOTHS INSTALLED BY OTHERS.
6. FLUSH MOUNTED 4" SQ. JUNCTION BOX WITH SINGLE DEVICE COVER MOUNTED 3'-0" A.F.F. FOR TELEPHONE BOOTH INSTALLED BY OTHERS.
7. 1" C. WITH PULL WIRE FROM EACH TELEPHONE JUNCTION BOX RUN IN WALL UP INTO CEILING SPACE AND TURNED OUT.
8. THIS RECEPTACLE AND DEDICATED CIRCUIT IS REQUIRED AS SOON AS POSSIBLE. A TEMPORARY RECEPTACLE SHOULD BE PROVIDED IF POWER POLE IS NOT IMMEDIATELY. POWER POLE SHOULD BE "STEEL CRAFT".

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. REF. | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | ARCH REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO466 | 1-22-79 | WS | | |
| EFO413 | 12-19-78 | WS | | |
| EFO303 | 7-18-78 | J.K. | | |
| EFO309 | 4-25-78 | J.K. | | |
| EFO291 | 4-25-78 | J.K. | | |
| EFO247 | 2-15-78 | J.K. | | |
| BULL 139 | 2-6-78 | J.K. | | |
| BULL #138 | 1-20-78 | J.K. | | |
| BULL 135 | 12-16-77 | J.K. | | |
| BULL #96 | 9-19-77 | T.J. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN MEZZANINE NO. 2 OFFICE AND LOCKER ROOM-POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY J.W. & J.G.P.

JOB CAPT. J. WALDER J. KONKLE

E-39
SHEET NUMBER

ARDCO 115 REV. 12-69 KIME 17 0155 3-74 1750M

## KITCHEN POWER PANEL № KRP-1-M2 120/208V. 3φ, 4W, 400A. MAIN BREAKER

| ITEM NO. | KITCHEN EQUIPMENT | LOAD | 120V. 1φ | 120/208V. 1φ-3W. | 120/208V. 3φ 4W. | 208V. 1φ | 208V. 3φ | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 209 | SLICER | 1/3 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 211 | CARBONATED BEV. SYSTEM | 1/2 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 212 | ICE MAKER | 1 1/2 H.P. | | | ● | | | 20A.-3P | 4#12 & 1#12 GRD. 3/4"C. | |
| 213 | POT & PAN SINK DISPOSER | 1 H.P. | | | | | ● | 20A.-3P | 3#12 & 1#12 GRD. 3/4"C. | |
| 213 | POT & PAN SINK RECEPT. | 1/4 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 215 | FREEZER | 1/2 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 217 | REFRIGERATOR | 1/4 H.P. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 218 | WARMER - PASS THRU | 3 KW. | | | | ● | | 20A.-2P | 2#12 & 1#12 GRD. 3/4"C. | |
| 220 | CONVECTION STEAMER | 24 KW. | | | | | ● | 90A.-3P | 3#4 & 1#8 GRD. 1"C. | |
| 221 | FRYER | 18 KW. | | | | | ● | 70A.-3P | 3#6 & 1#8 GRD. 1"C. | |
| 221 | FRYER | 18 KW. | | | | | ● | 70A.-3P | 3#6 & 1#8 GRD. 1"C. | |
| 222 | SPREADER PLATE RECEPT. | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 223 | CONVECTION OVEN | 22 KW. | | | | | ● | 90A.-3P | 3#4 & 1#8 GRD. 1"C. | |
| 224 | WORKTABLE W/SINK RECEPT. | 1.8 KW | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 225 | WORKTABLE RECEPT. | 1/2 HP | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 226 | REFRIGERATOR | 1.2 KW | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 228 | FRYER | 12 KW | | | | | ● | 50A.-3P | 3#8 & 1#10 GRD. 3/4"C. | |
| 228 | FRYER | 12 KW | | | | | ● | 50A.-3P | 3#8 & 1#10 GRD. 3/4"C. | |
| — | CART PARKING AREA RECEPTS. | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 267 | DISHWASHING RM. RECEPT. | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| — | DISHWASHING DETERGENT SYSTEM | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 268 | KITCHEN RECEPT. | 1.8 KW. | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |

## KITCHEN POWER PANEL № KRP-2-M2 120/208V. 3φ, 4W, 400A. MAIN BREAKER

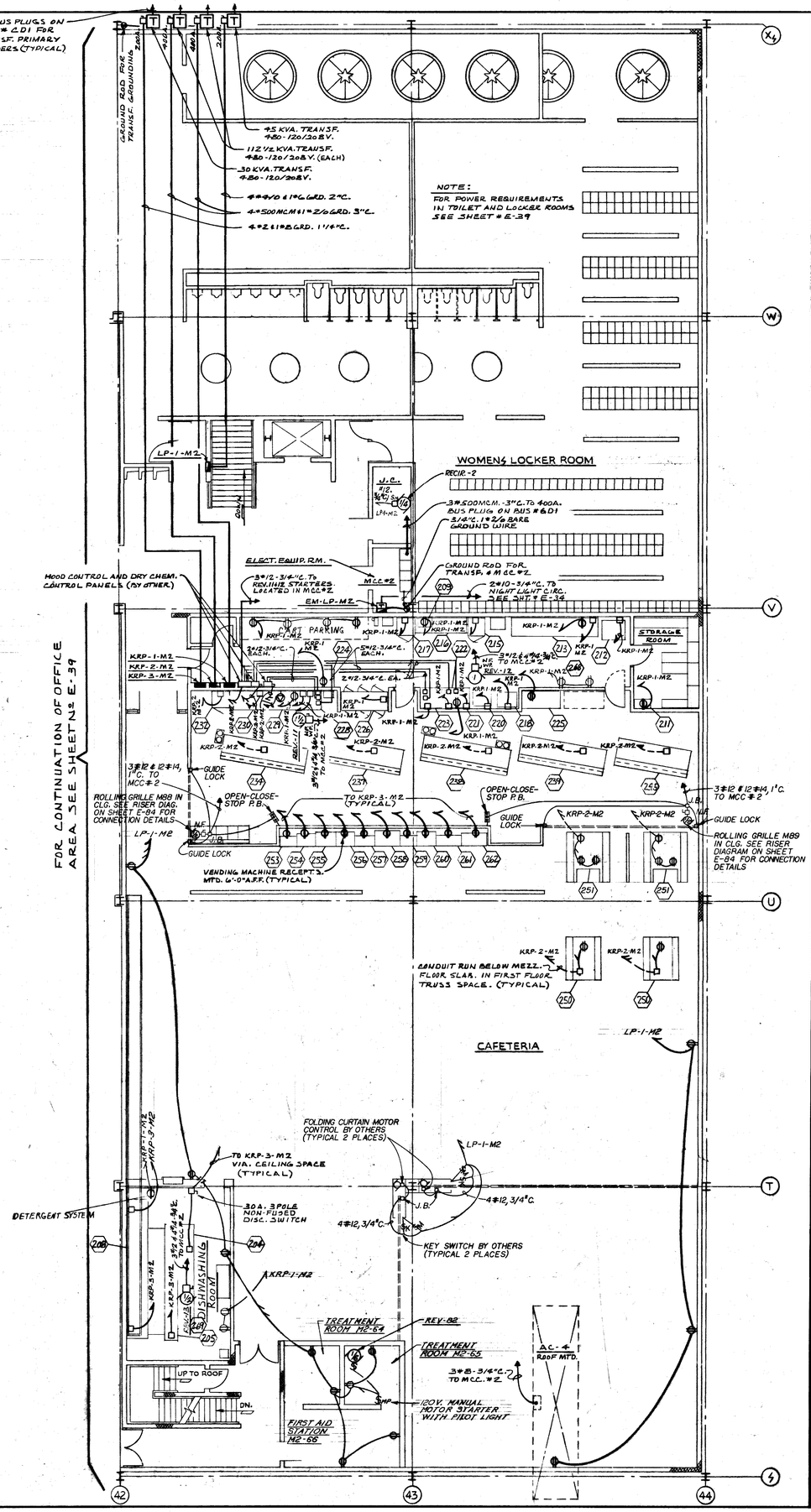
| ITEM NO. | KITCHEN EQUIPMENT | LOAD | 120V. 1φ | 120/208V. 1φ-3W. | 120/208V. 3φ-4W. | 208V. 1φ | 208V. 3φ | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 229 | HEAT LAMP RECEPT. | 1.5 KW | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 229 | TOASTER RECEPT. | 4.2 KW | | | | ● | | 30A.-2P | 2#10 & 1#12 GRD. 3/4"C. | |
| 230 | GRIDDLE | 32.4 KW | | | | | ● | 125A.-3P | 3#2 & 1#8 GRD. 1 1/4"C. | |
| 232 | REFRIG. DUAL TEMP. | 1/4 HP, 1/15 HP | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 234 | SHORT ORDER SAND. COUNTER | 16.5 KW | | | ● | | | 70A.-3P | 4#6 & 1#8 GRD. 1"C. | |
| 237 | SALAD & DESSERT COUNTER | 1.5 KW | | ● | | | | 20A.-2P | 3#12 & 1#12 GRD. 3/4"C. | |
| 238 | HOT FOOD COUNTER | 17.5 KW | | | ● | | | 70A.-3P | 4#6 & 1#8 GRD. 1"C. | |
| 239 | COLD BEVERAGE COUNTER | 2.5 KW | | ● | | | | 20A.-2P | 3#12 & 1#12 GRD. 3/4"C. | |
| 245 | HOT BEVERAGE COUNTER | 19 KW | | | ● | | | 70A.-3P | 4#4 & 1#8 GRD. 1 1/4"C. | |
| 250 | CONDIMENT WATER CHILLER | 1/2 HP | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 250 | CONDIMENT COUNT. RECEPT. | 1.8 KW | ● | | | | | 20A.-1P | | |
| 250 | CONDIMENT WATER CHILLER | 1/2 HP | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 250 | CONDIMENT COUNT. RECEPT. | 1.8 KW | ● | | | | | 20A.-1P | | |
| 251 | CASHIER RECEPT. & ICE CREAM CAB. | 1.9 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 251 | CASHIER RECEPT. & ICE CREAM CAB. | 1.9 KW | ● | | | | | 20A.-1P | | |
| 251 | CASHIER RECEPT. & ICE CREAM CAB. | 1.9 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 251 | CASHIER RECEPT. & ICE CREAM CAB. | 1.9 KW | ● | | | | | 20A.-1P | | |
| 219 | HOOD LIGHTS & CONTROL CAB. | 1.8 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 219 | HOOD LIGHTS & CONTROL CAB. | 1.8 KW | ● | | | | | 20A.-1P | | |
| 227 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 227 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | | |
| 227 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | 4#12 & 1#12 GRD. 3/4"C. | |
| 227 | DRY CHEM. SYSTEM | 1.8 KW | ● | | | | | 20A.-1P | | |
| — | | | | | | | | | | |
| — | | | | | | | | | | |

## KITCHEN POWER PANEL № KRP-3-M2 120/208V. 3φ, 4W, 100A. MAIN BREAKER

| ITEM NO. | KITCHEN EQUIPMENT | LOAD | 120V. 1φ | 120/208V 1φ-3W | 120/208V. 3φ-4W | 208V 1φ | 208V 3φ | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 204 | DISHWASHER | 2 HP, 2 HP, 1 HP, 1/2 HP | | | | | ● | 30A.-3P | 3#10 & 1#12 GRD. 3/4"C. | |
| 205 | CONVEYOR | 3/4 HP | | | | ● | | 20A.-2P | 2#12 & 1#12 GRD. 3/4"C. | |
| 208 | DISHTABLE CONVEYOR | 2 HP | | | | ● | | 20A.-2P | 2#12 & 1#12 GRD. 3/4"C. | |
| 208 | DISPOSER & FLUSH PUMP | 7 1/2 & 2 HP | | | | | ● | 40A.-3P | 3#8 & 1#10 GRD. 1"C. | |
| 253 | CURRENCY & COIN CHANGER | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 254 | CIGARETTE MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 255 | COLD DRINK | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 256 | MILK MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 257 | ICE CREAM MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 258 | BAG/SNACK | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 259 | COFFEE MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 260 | COLD DRINK | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 261 | HOT CAN MACHINE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| 262 | MICROWAVE | | ● | | | | | 20A.-1P | 2#12 & 1#12 GRD. 3/4"C. | |
| | | | | | | | | | | |
| | | | | | | | | | | |

NOTE:

1. ALL REV'S ON THIS SHEET HAVE A MOTORIZED DAMPER & LIMIT SWITCH.




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 3-16-77 | SUPPORTS, SLAB REF | | |
| 3-16-77 | ARCH. REF. | | |
| 3-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 4781 | 2-7-79 | W.S. | | |
| EFO 4671 | 1-9-79 | W.S. | | |
| EFO 891 | 4-25-78 | J.K. | | |
| BULL 138 | 1-20-78 | J.K. | | |
| BULL 138 | 12-16-77 | JK | | |
| BULL 120 | 11-15-77 | J.K. | | |
| EFO 740 | 10-31-77 | J.K | | |
| BULL 76 | 9-19-77 | T.J. | | |
| BULL 71 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K | | |
| BULL 22 | 5-18-77 | J.K | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT — DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
440 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
MEZZANINE № 2
CAFETERIA POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500
ARGONAUT PROJECT NUMBER

DATE 3-23-77

DRAWN BY J.W. & L.G.P.

JOB CAPT. J. WALDROP
J. KONKLE

E-40
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-41

## KITCHEN POWER PANEL № KRP-1-M3 120/208V. 3φ, 4W. 400A. MAIN BREAKER

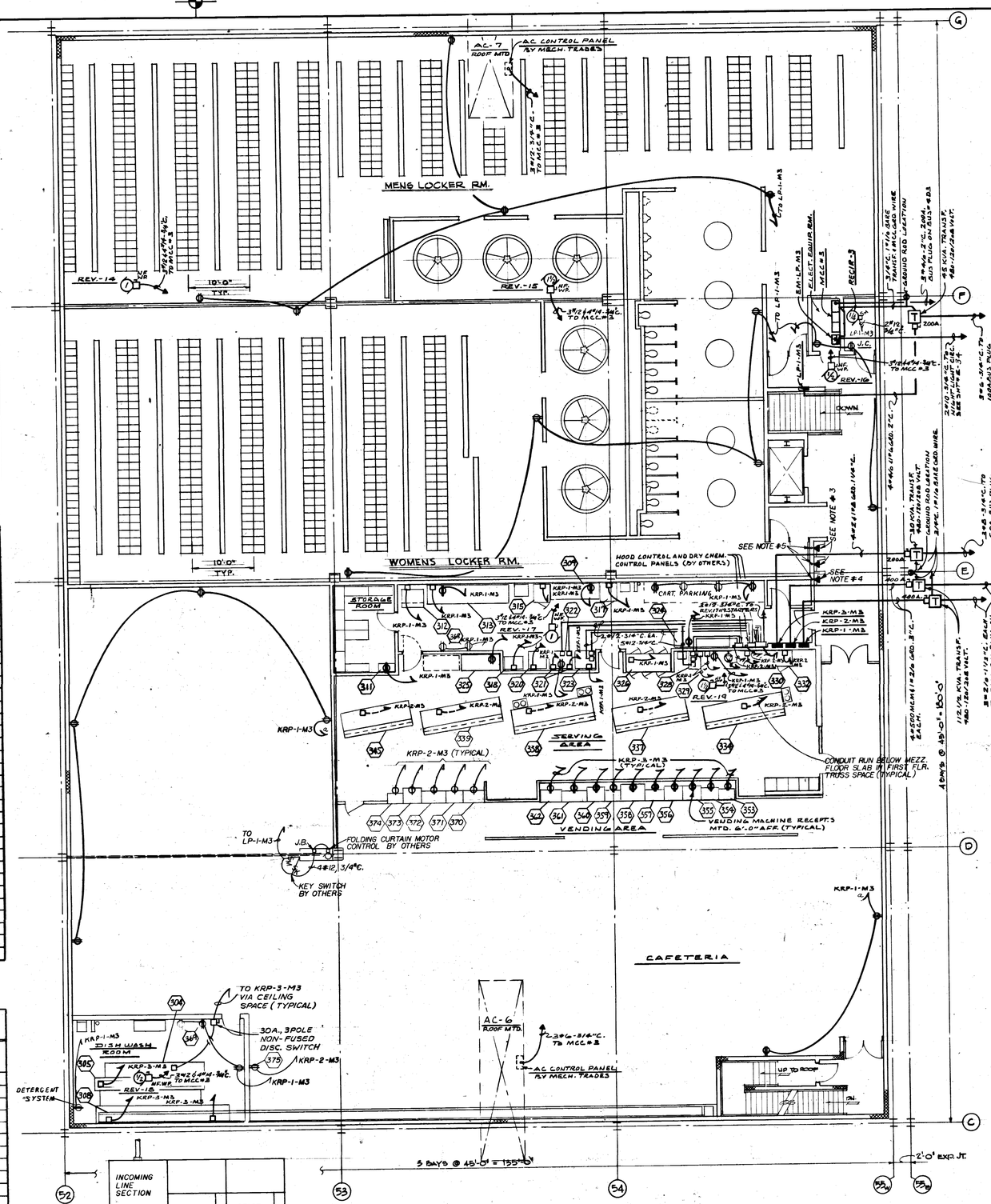
| ITEM № | KITCHEN EQUIPMENT | LOAD | 120V. 1φ. | 120/208V. 1φ-3W. | 120/208V 3φ-4W. | 208V. 1φ. | 208V. 3φ. | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 309 | SLICER | 1/3 H.P. | ● | | | | | 20A. 1-P | 2#12 & 1#12 GRD. 3/4"C. | |
| 311 | CARBONATED BEV. SYSTEM | 1/2 H.P. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 312 | ICE MAKER | 1 1/2 H.P. | | | ● | | | 20A. 3-P. | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 313 | POTAPAN SINK DISPOSER | 1 H.P. | | | | | ● | 20A. 3-P. | 3#12 & 1#12 GRD. 3/4"C. | SEE NOTE 2 |
| 313 | POTAPAN SINK. RECEPT. | 1/4 H.P. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 315 | FREEZER | 1/2 H.P. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 317 | REFRIGERATOR | 1/4 H.P. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 318 | WARMER-PASS-THRU. | 3 KW. | | | | ● | | 20A. 2-P. | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 320 | CONVECTION STEAMER | 24 KW. | | | | | ● | 90A. 3-P. | 3#4 & 1#8 GRD. 1" C. | SEE NOTE 2 |
| 321 | FRYER | 18 KW. | | | | | ● | 70A. 3-P. | 3#6 & 1#8 GRD. 1" C. | SEE NOTE 2 |
| 321 | FRYER | 18 KW. | | | | | ● | 70A. 3-P. | 3#6 & 1#8 GRD. 1" C. | SEE NOTE 2 |
| 322 | SPREADER PLATE RECEPT. | 1.8 KW. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 323 | CONVECTION OVEN | 2.2 KW. | | | | | ● | 90A. 3-P | 3#4 & 1#8 GRD. 1" C. | SEE NOTE 2 |
| 324 | WORKTABLE W/SINK, RECEPT. | 1.8 KW. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 325 | WORKTABLE RECEPT. | 1.8 KW. | ● | | | | | 20A. 1-P | 2#12 & 1#12 GRD. 3/4" C. | |
| 326 | REFRIGERATOR | 1/2 H.P. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 328 | FRYER | 12 KW. | | | | | ● | 50A. 3-P. | 3#8 & 1#10 GRD. 3/4" C. | SEE NOTE 2 |
| 328 | FRYER | 12 KW. | | | | | ● | 50A. 3-P. | 3#8 & 1#10 GRD. 3/4" C. | SEE NOTE 2 |
| — | CART PARKING AREA RECEPTS | | ● | | | | | 20 A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| — | CAFETERIA AREA RECEPT. | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 368 | KITCHEN RECEPTS | 1.8 KW. | ● | | | | | 20A 1-P | 2#12 + 1#12 GRD. 3/4" C. | |
| 369 | DISHWASHING RM. RECEPTS | 1.8 KW. | ● | | | | | 20A. 1-P | 2#12 + 1#12 GRD. 3/4" C. | |
| — | DISHWASHING DETERGENT SYS. | 1.8 KW | ● | | | | | 20A. 1-P | 2#12 + 1#12 GRD. 3/4" C. | |

## KITCHEN POWER PANEL № KRP-2-M3 120/208V. 3φ, 4W. 400A. MAIN BREAKER

| ITEM № | KITCHEN EQUIPMENT | LOAD | 120V. 1φ. | 120/208V 1φ-3W. | 120/208V 3φ-4W. | 208V 1φ. | 208V 3φ. | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 329 | HEAT LAMP RECEPT. | 1.5 KW. | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 329 | TOASTER RECEPT. | 4.2 KW. | | | | ● | | 30A. 2-P. | 2#10 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 330 | GRIDDLE | 32.5 KW. | | | | | ● | 125A. 3-P. | 3#2 & 1#8 GRD. 1 1/4" C. | SEE NOTE 2 |
| 332 | REFRIG. DUAL TEMP. | 1/4 HP, 1/5 HP | ● | | | | | 20A. 1-P | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 334 | SHORT ORDER SANDWICH COUNTER | 16.5 KW | | | ● | | | 70A. 3-P. | 4#6 & 1#8 GRD. 1" C. | SEE NOTE 2 |
| 337 | SALAD & DESSERT COUNTER | 1.5 KW | | ● | | | | 20A. 2-P. | 3#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 338 | HOT FOOD COUNTER | 17.5 KW. | | | ● | | | 70A. 3-P. | 4#6 & 1#8 GRD. 1" C. | SEE NOTE 2 |
| 339 | COLD BEVERAGE COUNTER | 2.5 KW. | | ● | | | | 20A. 2-P. | 3#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 345 | HOT BEVERAGE COUNTER | 19 KW. | | | ● | | | 70A. 3-P. | 4#4 & 1#8 GRD. 1 1/4" C. | SEE NOTE 2 |
| 370 | CANDY MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD, 3/4" C. | |
| 371 | COFFEE MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD, 3/4" C. | |
| 372 | CONDIMENT AND MICROWAVE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD, 3/4" C. | |
| 373 | COLD FOOD MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD, 3/4" C. | |
| 374 | CURRENCY CHANGER | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD, 3/4" C. | |
| 375 | DRINKING FOUNTAIN | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD, 3/4" C. | |
| | SPARE | | ● | | | | | 20A. 1-P. | | |
| | SPARE | | ● | | | | | 20A. 1-P. | | |
| 319 | HOOD LIGHTS & CONTROL CAB. | 1.5 KW. | ● | | | | | 20A. 1-P. | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 319 | HOOD LIGHTS & CONTROL CAB. | 1.5 KW. | ● | | | | | 20A. 1-P. | | SEE NOTE 2 |
| 327 | DRY CHEM. SYSTEM | 1.5 KW. | ● | | | | | 20A. 1-P. | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 327 | DRY CHEM. SYSTEM | 1.5 KW. | ● | | | | | 20A. 1-P. | | SEE NOTE 2 |
| 327 | DRY CHEM. SYSTEM | 1.5 KW. | ● | | | | | 20A. 1-P. | 4#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 327 | DRY CHEM. SYSTEM | 1.5 KW. | ● | | | | | 20A. 1-P. | | SEE NOTE 2 |

## KITCHEN POWER PANEL № KRP-3-M3 120 208V. 3φ, 4W. 100A. MAIN BREAKER

| ITEM № | KITCHEN EQUIPMENT | LOAD | 120V. 1φ | 120/208V. 1φ-3W. | 120/208V 3φ-4W. | 208V. 1φ | 208V. 3φ | CIRCUIT BREAKER | FEEDER SIZE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 304 | DISHWASHER | 2HP, 2HP 1HP, 1/2HP | | | | | ● | 30A. 3-P. | 3#10 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 305 | CONVEYOR | 3/4 H.P. | | | | ● | | 20A. 2-P. | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 308 | DISHTABLE CONVEYOR | 2 H.P. | | | | ● | | 20A. 2-P. | 2#12 & 1#12 GRD. 3/4" C. | SEE NOTE 2 |
| 308 | DISPOSER & FLUSH PUMP | 7 1/2 & 1/2 HP | | | | | ● | 40A. 3-P. | 3#8 & 1#10 GRD. 1" C. | SEE NOTE 2 |
| 353 | CURRENCY & BILL CHANGER | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 354 | CIGARETTE MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 355 | COLD DRINK | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 356 | MILK MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 357 | ICE CREAM MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 358 | BAG/SNACK | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 359 | COFFEE MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 360 | COLD DRINK | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 361 | HOT CAN MACHINE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |
| 362 | MICROWAVE | | ● | | | | | 20A. 1-P. | 2#12 & 1#12 GRD. 3/4" C. | |




| INCOMING LINE SECTION | SPACE | SPACE |
|---|---|---|
| 200A. FUSED MAIN DISCONNECT SWITCH | REV-16 1/2 HP SIZE #1 | SPACE |
| | | SPACE |
| REV-14 1 HP SIZE #1 | REV-17 1 HP SIZE #1 | REV-19 1 1/2 HP SIZE #1 |
| REV-15 1 1/2 HP SIZE #1 | REV-18 1/2 HP SIZE #1 | AC-6 60A. FUSED DISC. SW. / AC-7 60A. FUSED DISC. SW. |

FRONT ELEVATION MOTOR CONTROL CENTER #3

NOT TO SCALE

NOTE:

1. ALL REV'S. ON THIS SHEET HAVE A MOTORIZED DAMPER & LIMIT SWITCH.
2. WIRE WILL NOT BE INSTALLED UNLESS IT TERMINATES IN A RECEPTACLE FOR INDICATED ITEMS. ALL OTHER WORK WILL BE ACCOMPLISHED.
3. FLUSH MOUNTED 4" SQ. JUNCTION BOX WITH SINGLE DEVICE COVER MOUNTED 4'-6" A.F.F. FOR TELEPHONE BOOTHS INSTALLED BY OTHERS.
4. FLUSH MOUNTED 4" SQ. JUNCTION BOX WITH SINGLE DEVICE COVER MOUNTED 3'-0" A.F.F. FOR TELEPHONE BOOTH INSTALLED BY OTHERS.
5. 1" C. WITH PULL WIRE FROM EACH TELEPHONE JUNCTION BOX RUN IN WALL UP INTO CEILING SPACE AND TURNED OUT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPORTD. SLAB REF. | | |
| 5-26-77 | ARCH. REF | | |
| 5-27-77 | PAINTING & FINISHING REF | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 470 | 2-7-79 | W.S. | | |
| EFO 467 | 1-9-79 | W.S. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| BULL. 137 | 2-6-78 | JK | | |
| BULL. 138 | 1-20-78 | J.K. | | |
| BULL. 135 | 12-6-77 | J.K. | | |
| BULL. 130 | 11-15-77 | J.K. | | |
| EFO 190 | 10-27-77 | JK | | |
| BULL. 96 | 9-19-77 | TJ | | |
| BULL. 71 | 8-10-77 | JK | | |
| BULL. 61 | 7-7-77 | JK | | |
| BULL. 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR

OKLAHOMA INDUSTRIES AUTHORITY

TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN

MEZZANINE № 3

POWER

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 3-23-77

DRAWN BY J.W. & J.G.P.

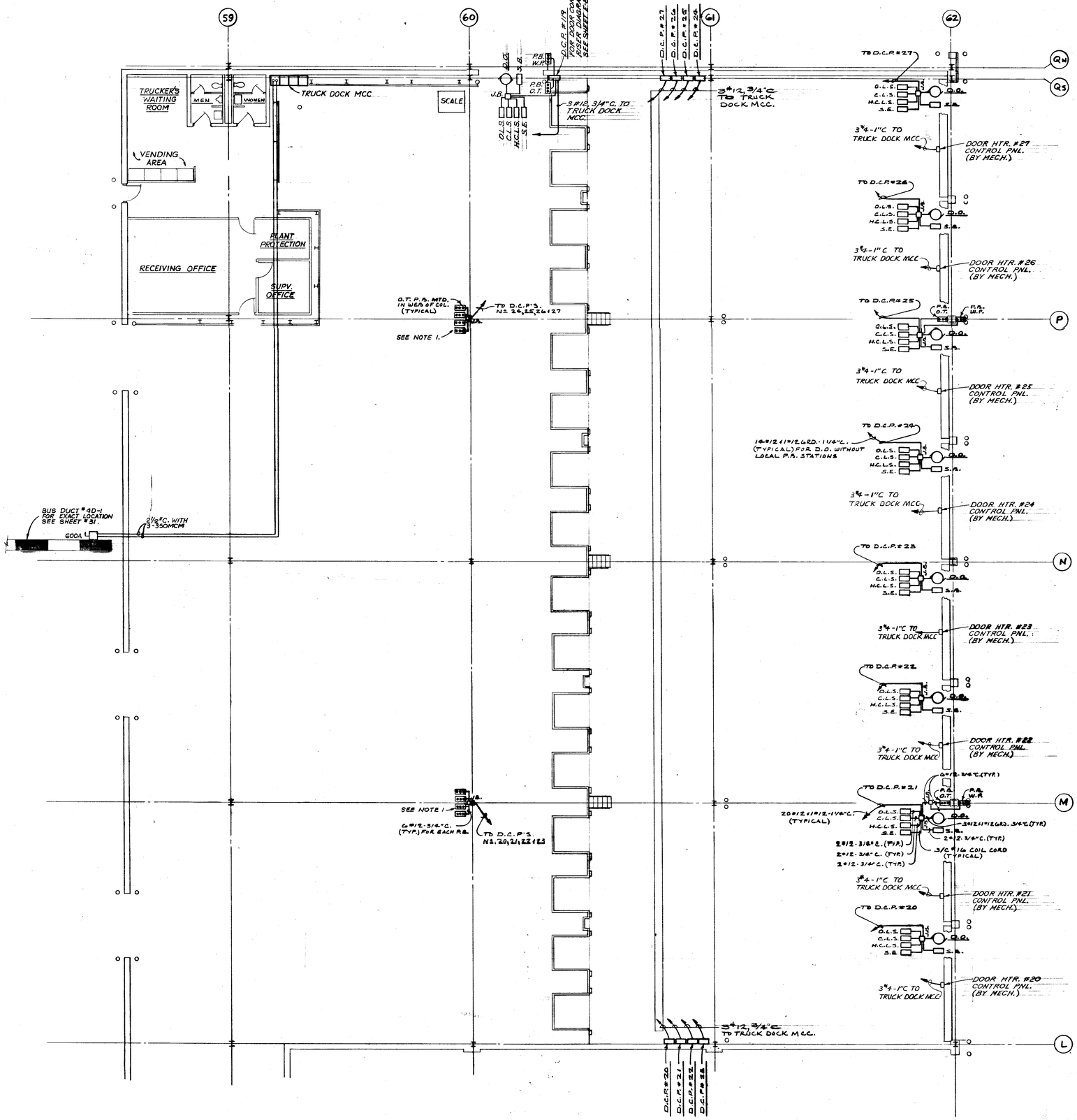
JOB CAPT. J. WALDROP J. KONKLE

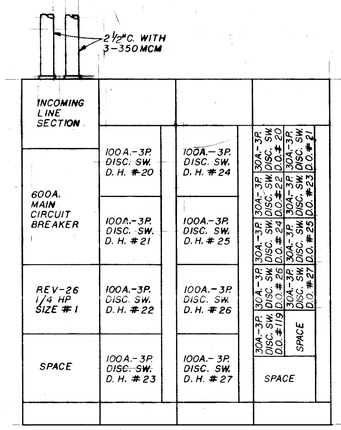
4500

P. E. & C. PROJECT NUMBER

E-41

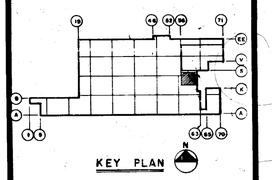
SHEET NUMBER




TRUCK DOCK MCC

NOTES
1. ON CONCRETE ENCASED COLUMNS, THE BOTTOM OF PUSHBUTTON SWITCHES ARE TO BE 6'-0" AFF.




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 288 | 4-15-78 | T.J. | | |
| BULL. 135 | 12-16-77 | JK | | |
| BULL. 120 | 11-15-77 | J.K. | | |
| BULL. 87 | 8-25-77 | JK | | |
| BULL. 78 | 8-8-77 | JK | | |
| EFO 41 | 7-26-77 | JK | | |
| BULL. 61 | 7-7-77 | JK | | |
| BULL. 27 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
486 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-TRUCK DOCK
POWER-480V

SHEET TITLE

OWNER'S IDENTIFICATION

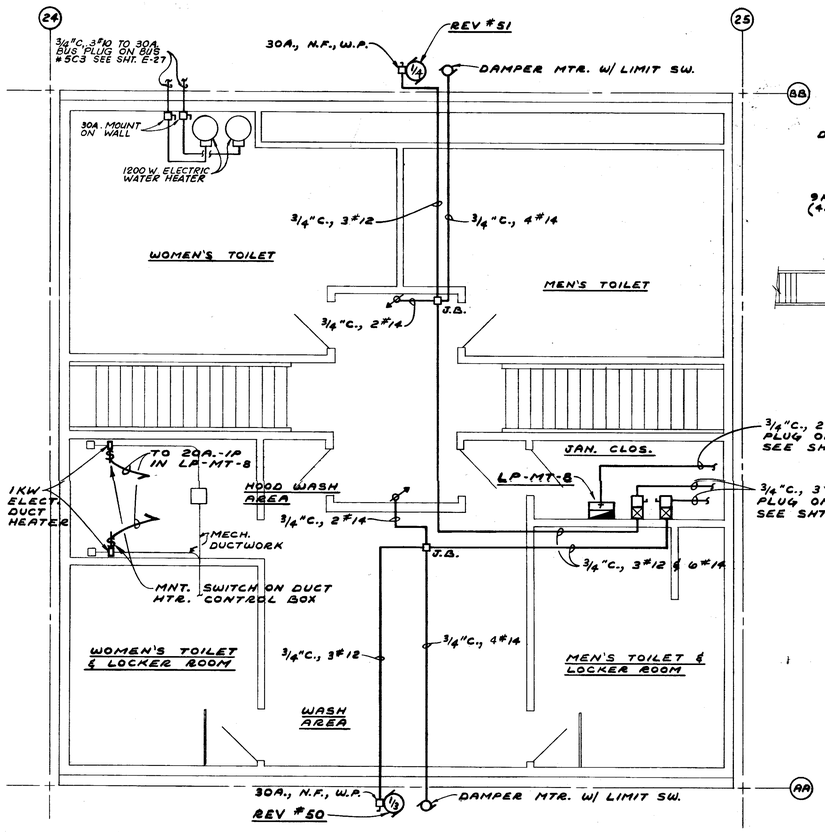
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY J.W. & J.G.P.

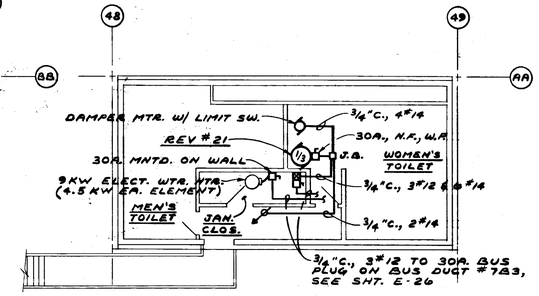
JOB CAPT. J. WALDROP
J. KONKLE

E-42
SHEET NUMBER



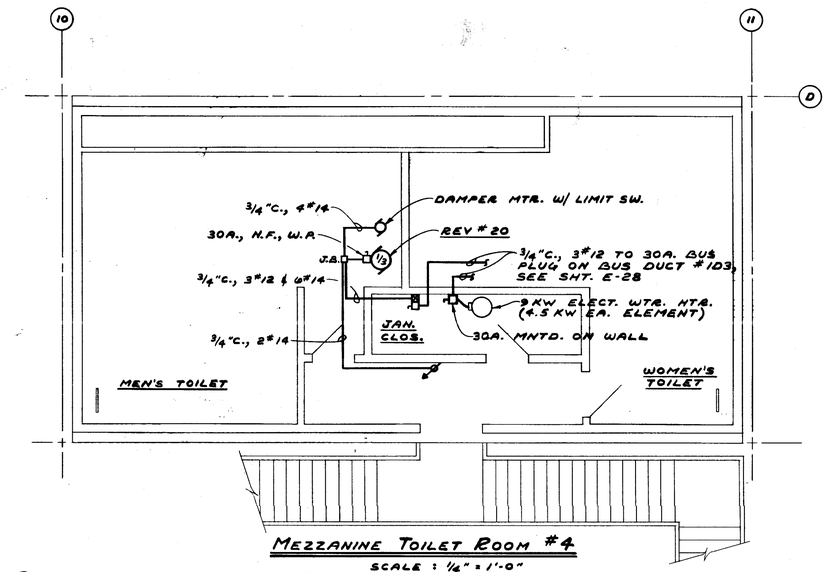

MEZZANINE TOILET ROOM #8

SCALE : 1/4" = 1'-0"



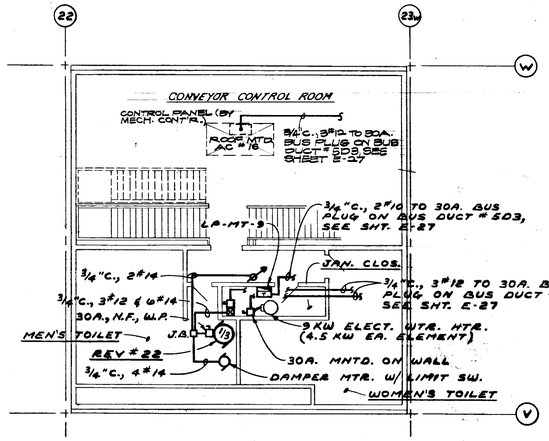

MEZZANINE TOILET ROOM #10

SCALE : 1/8" = 1'-0"



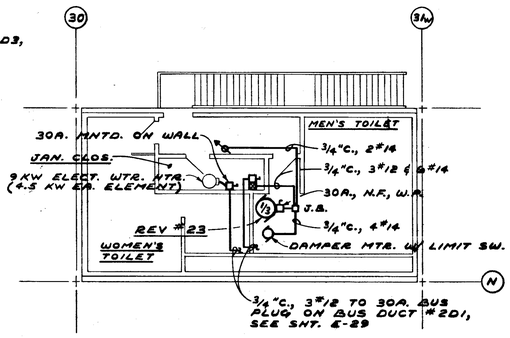

MEZZANINE TOILET ROOM #4

SCALE : 1/4" = 1'-0"



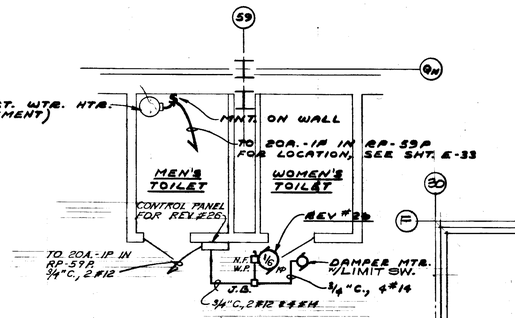

CONVEYOR CONTROL ROOM & MEZZANINE TOILET ROOM #9

SCALE : 1/8" = 1'-0"



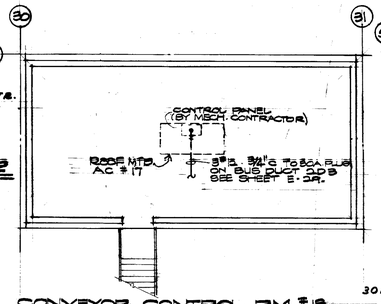

MEZZANINE TOILET ROOM #5

SCALE : 1/8" = 1'-0"



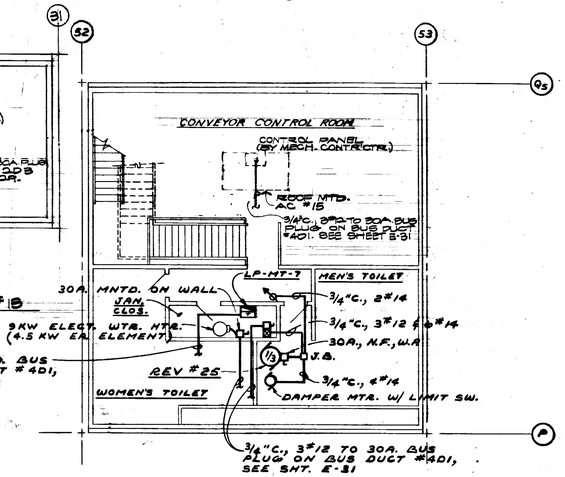

RECEIVING DOCK TOILET ROOM #12

SCALE : 1/4" = 1'-0"



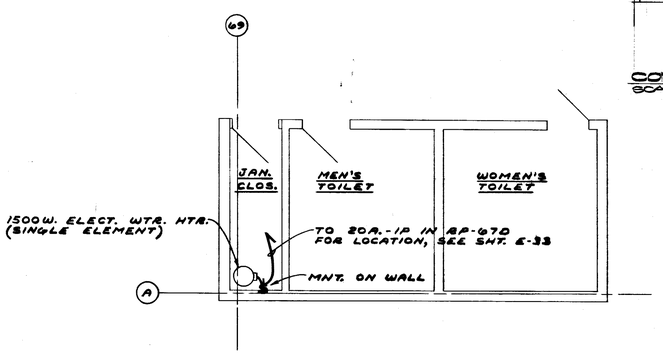

CONVEYOR CONTROL RM. #13

SCALE: 1/8" = 1'-0"



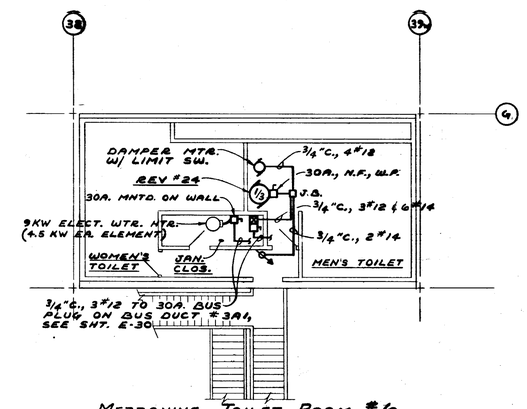

CONVEYOR CONTROL ROOM & MEZZANINE TOILET ROOM #7

SCALE : 1/8" = 1'-0"




STORAGE BUILDING TOILET ROOM #11

SCALE : 1/4" = 1'-0"

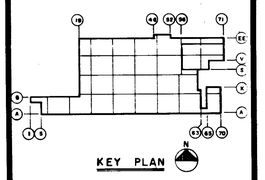



MEZZANINE TOILET ROOM #6

SCALE : 1/8" = 1'-0"

## NOTES :

1. FOR DRAWING INDEX AND PLOT PLAN, SEE SHT. E-1.
2. FOR SYMBOL LIST, RECEPTACLE PANEL AND 480 V. POWER PANEL SCHEDULES, SEE SHT. E-2.
3. FOR LIGHTING PANEL SCHEDULE, SEE SHT. E-3.



KEY PLAN

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL #20 | | |
| 5-20-77 | SUPPORTD. SLAB REF. | | |
| 5-24-77 | ARCH. REF. | | |
| 5-27-77 | PARTITIONS & FURNISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 441 | 3-7-79 | T.J. | | |
| EFO 437 | 11-14-78 | WS | | |
| BULL #138 | 1-20-78 | J.K. | | |
| BULL #20 | 11-15-77 | J.K. | | |
| BUL 71 | 8-10-77 | JK | | |
| BULL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

ARGONE

GENERAL MOTORS CORPORATION
400 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLANS
TOILET ROOMS
480V. POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500
PROJECT NUMBER

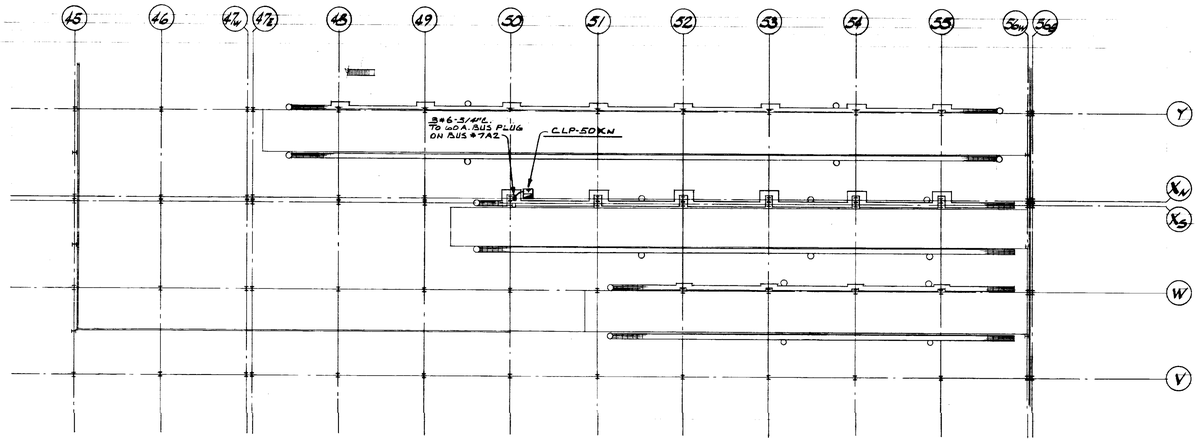
DATE 5-18-77

DRAWN BY F. HOGAN

JOB CAPT. J. WINTHROP
J. KOTKIE

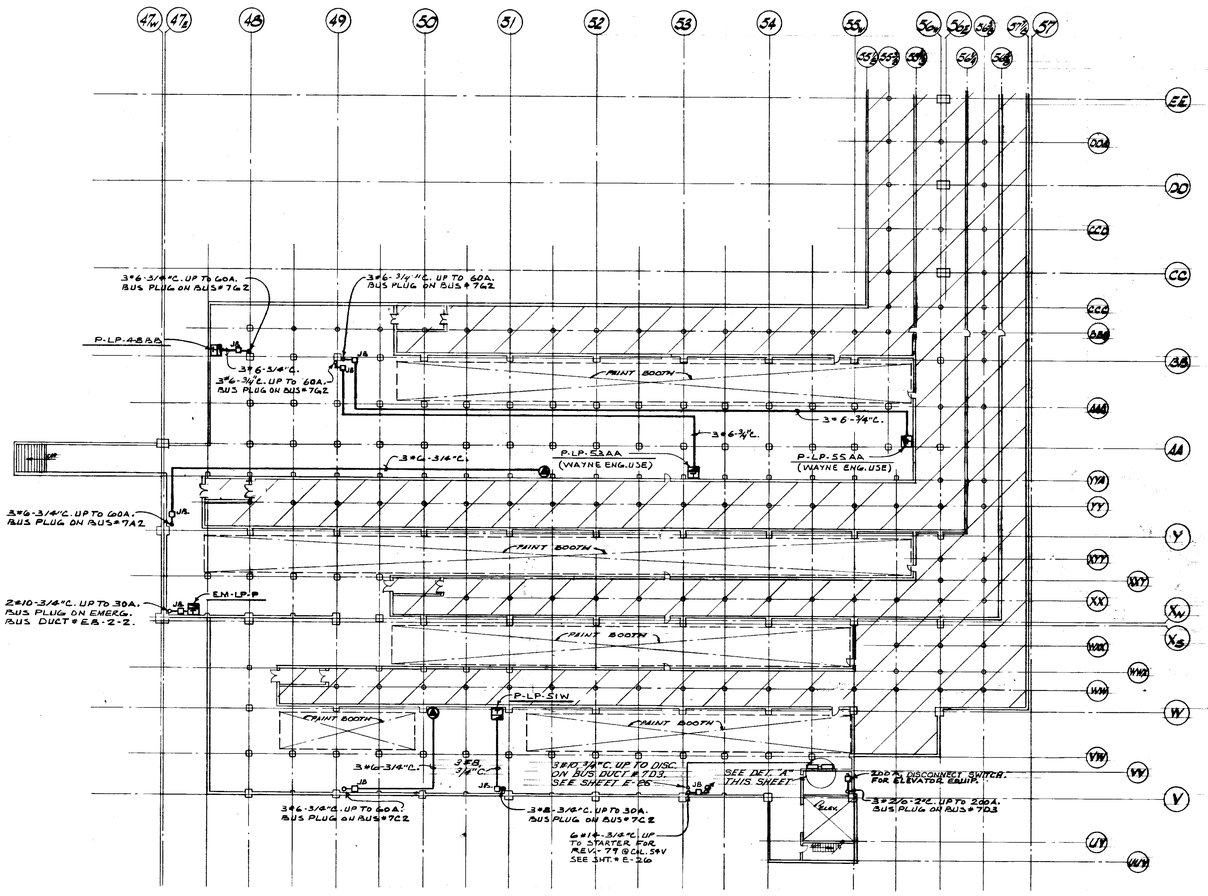
E-43
SHEET NUMBER

ARGO 118 REV. 12-69 KOKE 17 0183 8-74 1799



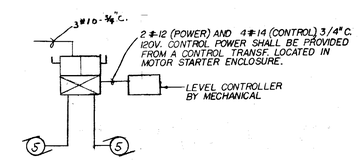

PAINT SHOP CATWALK

SCALE: 1/32"=1'-0"




PAINT SHOP PLENUM AREA

SCALE: 1/32"=1'-0"




SUMP PUMP PAINT SHOP (SP-PS)

DETAIL "A"

NOT TO SCALE

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | J.C. Nowak | R. J. Mueller |
| 5-27-77 | PAINTING & FINISHING SEC. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 100 | 11-15-77 | J.K. | R.A. Kunkle | J.W. Waldrop |
| BULL 61 | 7-7-77 | J.K. | R.A. Kunkle | J.W. Waldrop |
| BULL 53 | 6-21-77 | J.K. | R.A. Kunkle | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONA

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

438 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PAINT SHOP – CATWALK & PLENUM AREAS POWER

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P.E. & C. PROJECT NUMBER

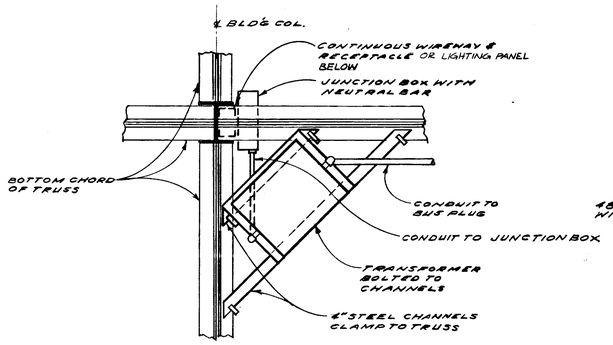
DATE 5-18-77

DRAWN BY M.J.J. & J.G.P.

JOB CAPT. J. WALDROP J. KONKLE

E-44

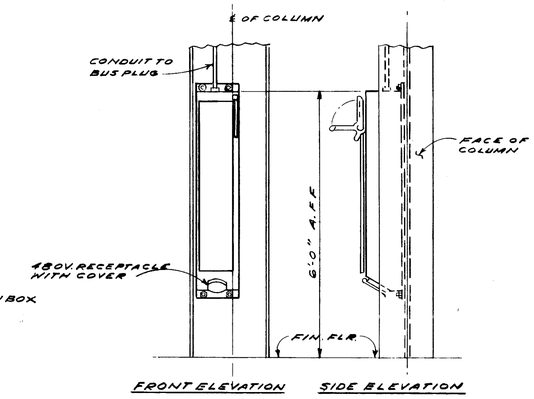
SHEET NUMBER




PLAN

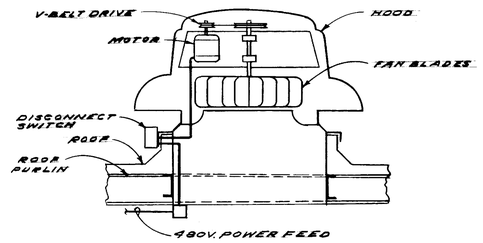
TYPICAL TRANSFORMER MOUNTING DETAIL

NOT TO SCALE



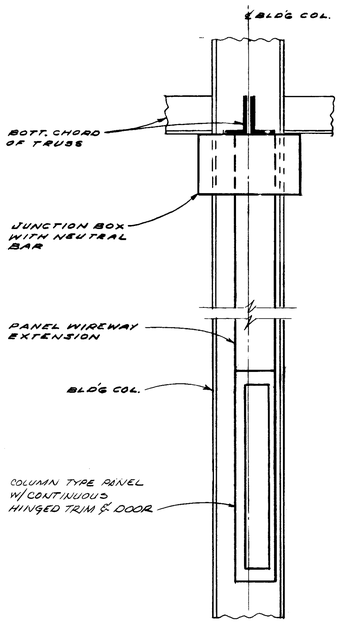

TYPICAL 480V COMBINATION RECEPTACLE MOUNTING DETAIL

NOT TO SCALE




CENTRIFUGAL EXHAUST FAN CONNECTION DETAIL

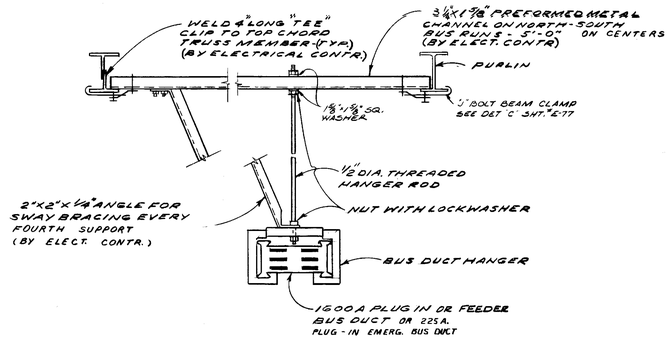
NOT TO SCALE

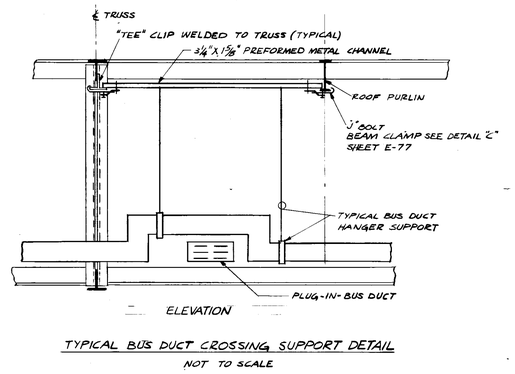



ELEVATION

TYPICAL RECEPTACLE OR LIGHTING PANEL MOUNTING DETAIL

NOT TO SCALE

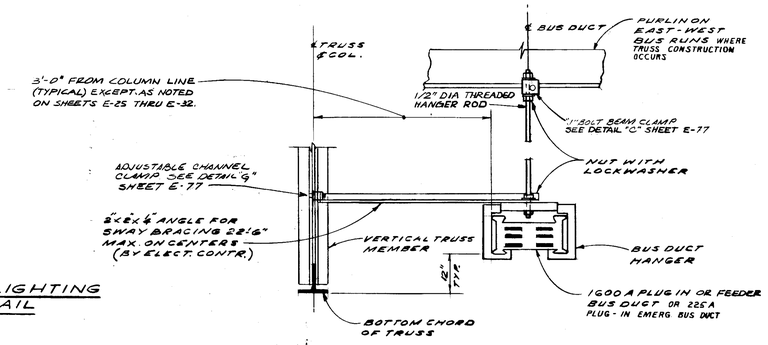



ELEVATION

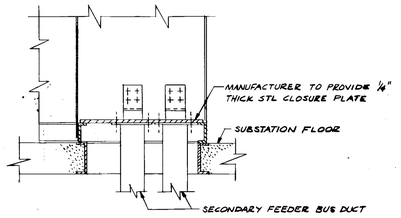
TYPICAL BUS DUCT CROSSING SUPPORT DETAIL

NOT TO SCALE



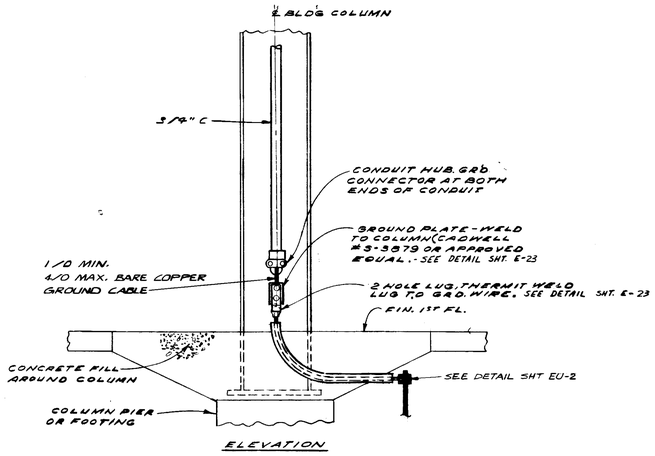

TYPICAL BUS DUCT MOUNTING & SWAY BRACING DETAILS

NOT TO SCALE




TYPICAL SUBSTATION BUS DUCT ENTRANCE

NOT TO SCALE




ELEVATION

TYPICAL GROUND RISER TO RECEPTACLE & LIGHTING PANEL AND TRANSFORMER ROOMS

NOT TO SCALE

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELCT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BUL 61 | 7-7-77 | J.K. | | |
| BUL-20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONA

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

SECONDARY POWER DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P. E. & C. PROJECT NUMBER

DATE 3-23-77

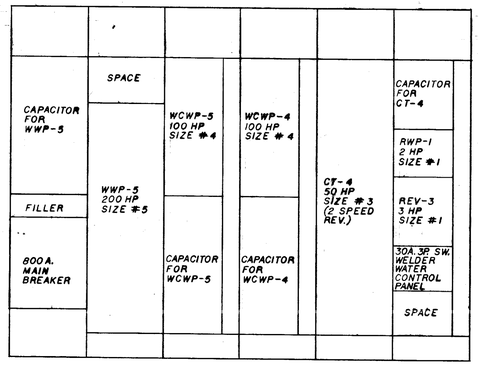
DRAWN BY J.R.

JOB CAPT. J. HALDROP J. KONKLE

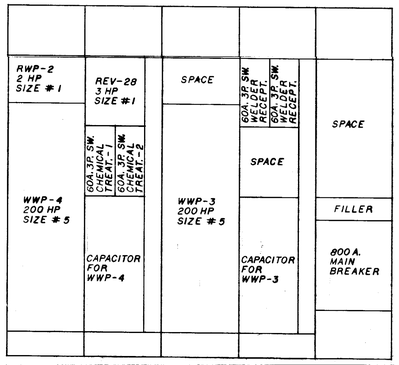
E-45

SHEET NUMBER

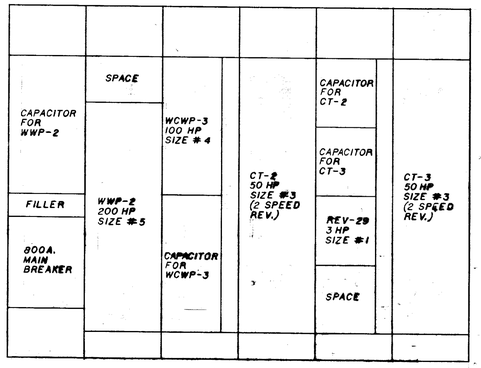
K&E 17 0158 9-73 56079+



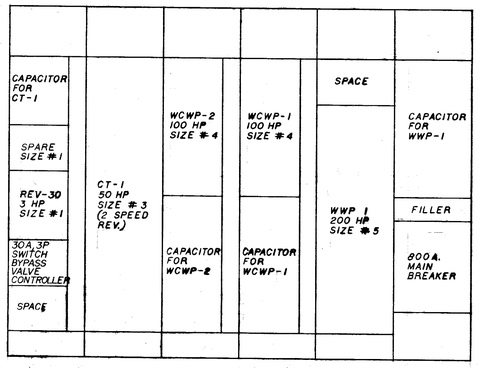

MCC-WW-1
N.T.S.




MCC-WW-2
N.T.S.



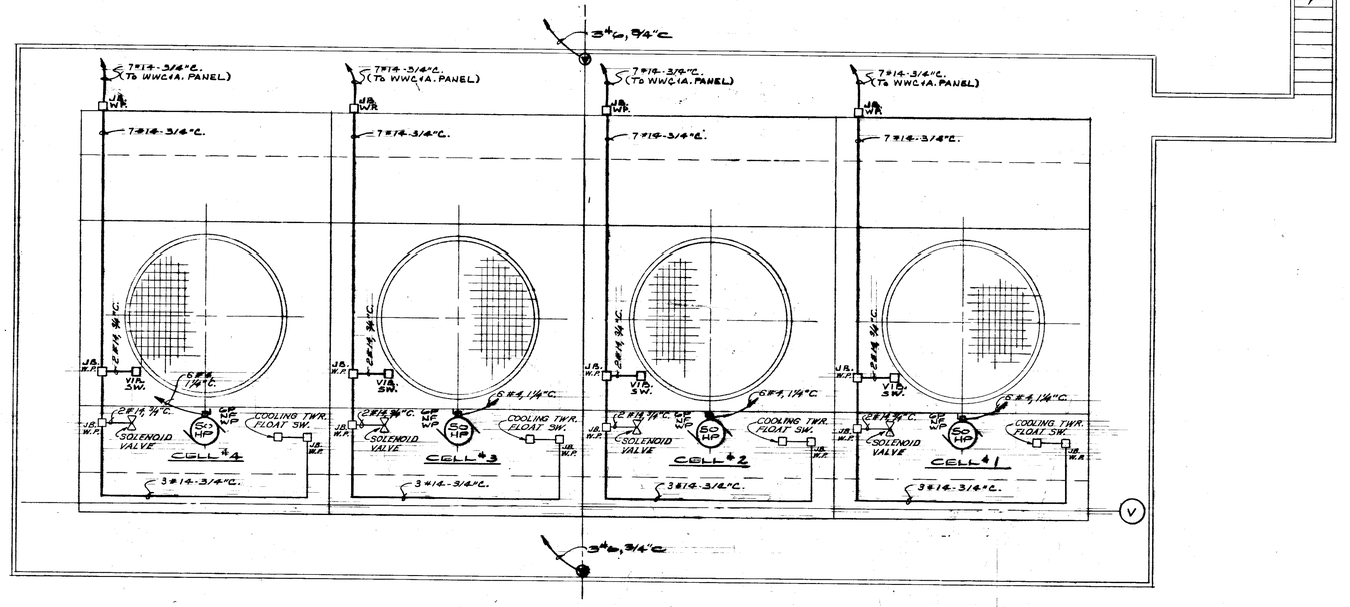

MCC-WW-3
N.T.S.




MCC-WW-4
N.T.S.



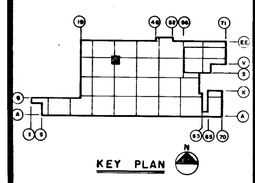

WELDER WATER EQUIPMENT ROOM
SCALE: 1/4"=1'-0"




WELDER WATER COOLING TOWER
SCALE: 1/4"=1'-0"

NOTES:
1. VERIFY EXACT LOCATION OF ALL FIELD MOUNTED EQUIPMENT WITH MECHANICAL CONTRACTOR.
2. FOR SCHEMATIC DIAGRAM OF WELDER WATER CONTROL AND ALARM PANEL, SEE SHEETS E-47 AND E-48.
3. FOR WELDER WATER HEAT TRACE, SEE SHEET E-49.
4. FOR MOTOR STARTER SCHEDULE, SEE SHEET E-90.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-20-77 | SUPPOR'D SL AB REF. | | |
| 5-23-77 | PAINTING & FINISHING REF. | | |


KEY PLAN

| | | | |
|---|---|---|---|
| EFO 402 | 8-30-78 | J.K. | |
| BULL.139 | 1-20-78 | J.K. | |
| BULL.135 | 12-16-77 | J.K. | |
| BULL 100 | 11-15-77 | J.K. | |
| BULL 87 | 8-25-77 | J.K. | |
| BULL 61 | 7-7-77 | J.K. | |
| BULL 53 | 6-21-77 | J.K. | REF |
| BULL-20 | 5-13-77 | J.K. | |
| NO. | DATE | BY | APPROVAL / APPROVAL |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

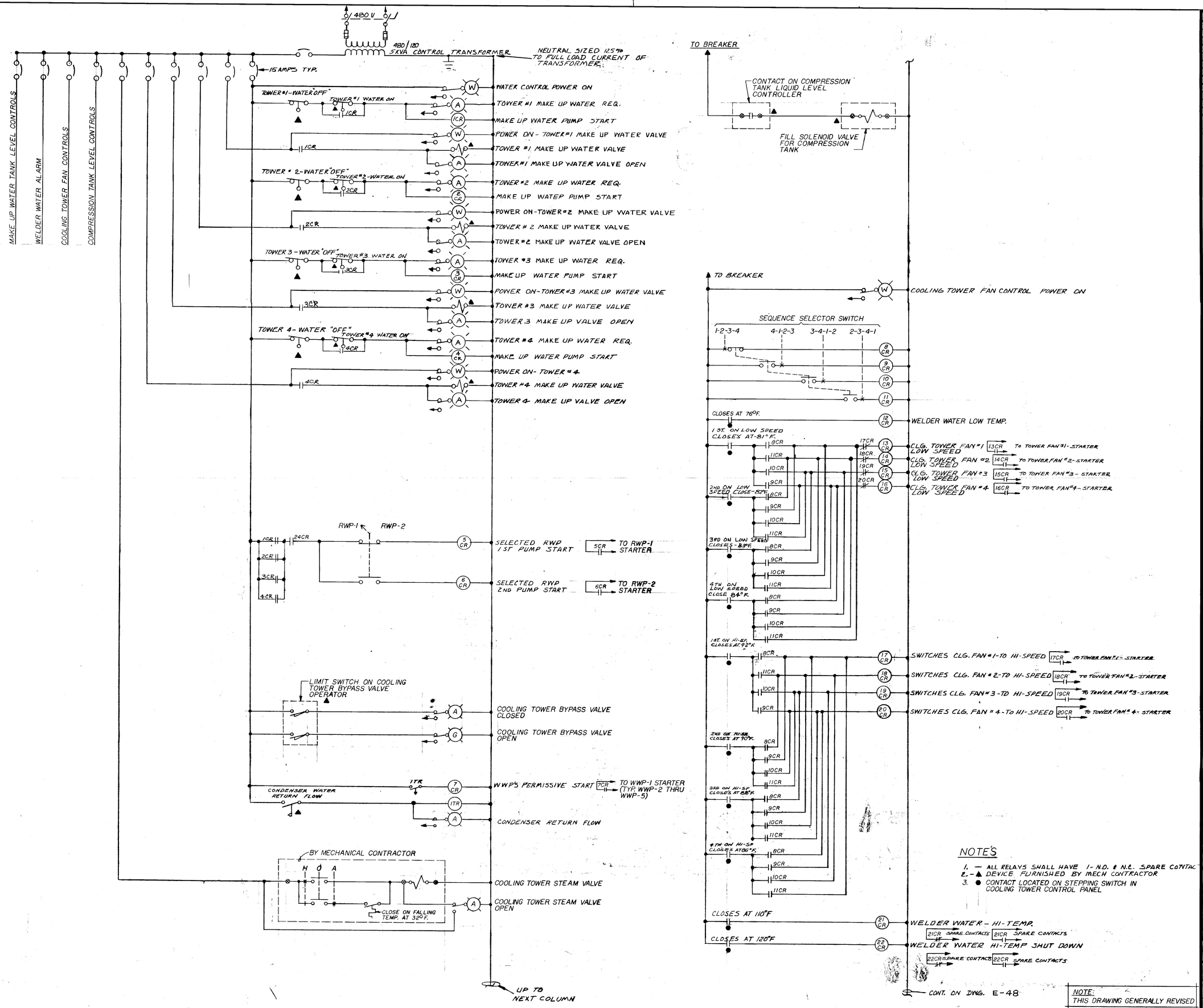
NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-WELDER WATER SYSTEM POWER

SHEET TITLE

OWNER'S IDENTIFICATION
P. E. & C. PROJECT NUMBER: 4500
DATE 3-23-77
DRAWN BY J.W. TB.
JOB CAPT. J. WALDROP J. KONKLE
SHEET NUMBER: E-46




## NOTES

1. — ALL RELAYS SHALL HAVE 1-N.O. & N.C. SPARE CONTAC
2. - ▲ DEVICE FURNISHED BY MECH CONTRACTOR
3. ● CONTACT LOCATED ON STEPPING SWITCH IN COOLING TOWER CONTROL PANEL

NOTE: THIS DRAWING GENERALLY REVISED

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL'N 20 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. 130 | 1-20-78 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

WELDER WATER CONTROL AND ALARM PANEL SCHEMATIC DIAGRAM

SHEET TITLE

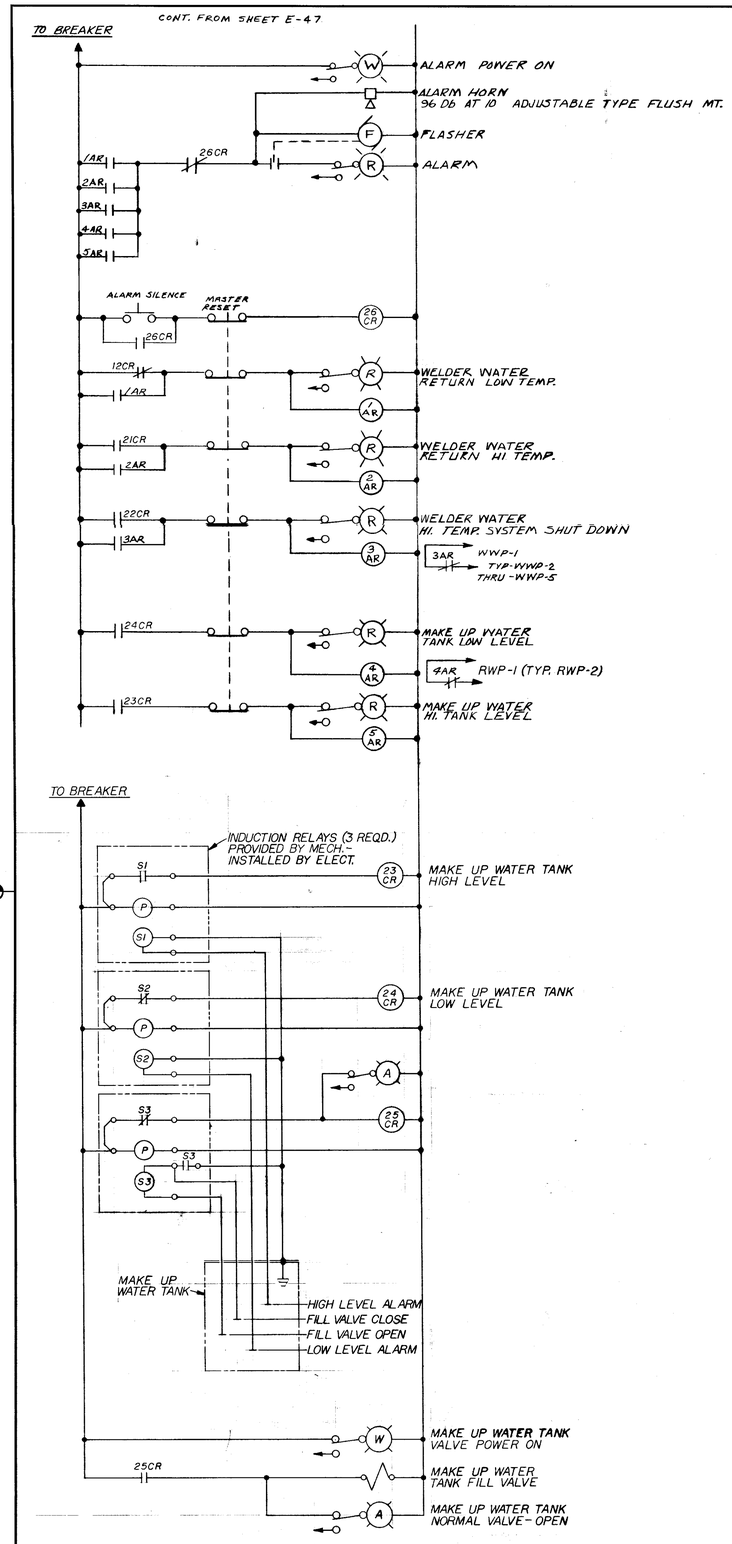
OWNER'S IDENTIFICATION — P.E.&C. PROJECT NUMBER: 4500

DATE 5-18-77

DRAWN BY D. WADE

JOB CAPT. G. YOUNG, J. KONKLE

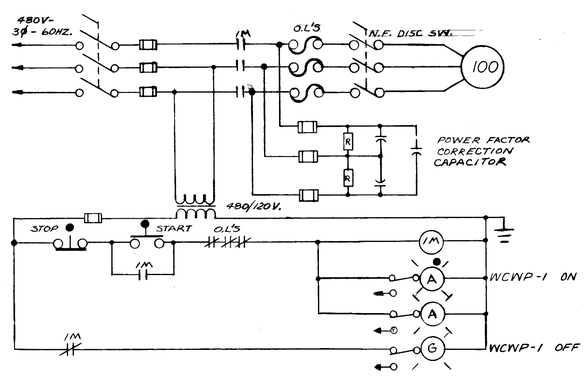
SHEET NUMBER: E-47




WELDER WATER CONTROL AND ALARM PANEL

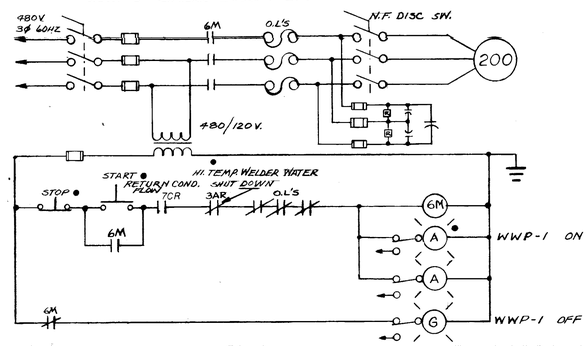
▲ DEVICE FURNISHED BY MECH. CONTRACTOR REMOTE FROM PANEL

NOTE: ALL RELAYS SHALL HAVE 1-N.C. AND 1-N.O. SPARE CONTACT



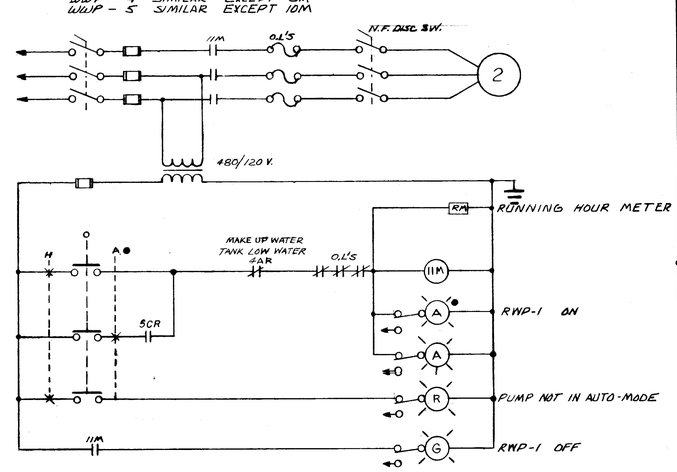

WELDER CONDENSER WATER PUMP WCWP-1

WCWP-2 SIMILAR EXCEPT 2M
WCWP-3 SIMILAR EXCEPT 3M
WCWP-4 SIMILAR EXCEPT 4M
WCWP-5 SIMILAR EXCEPT 5M



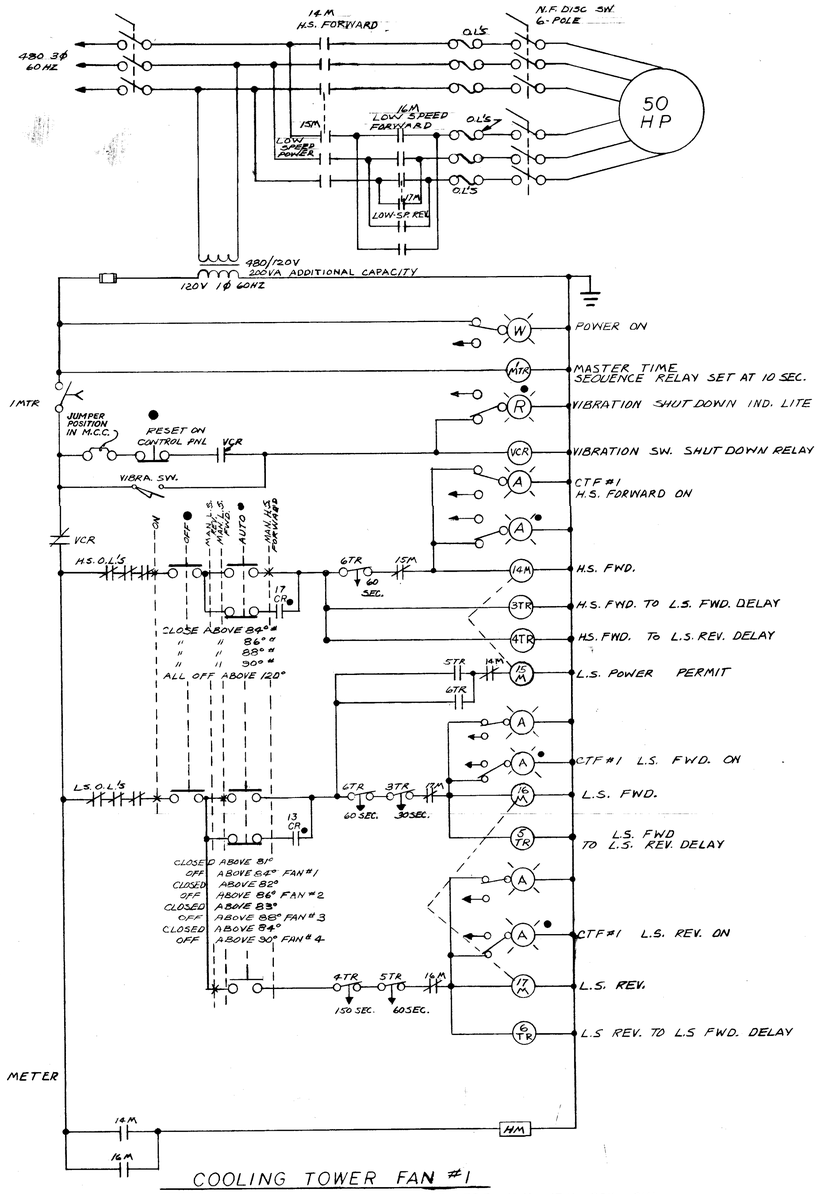

WELDER WATER PUMP WWP-1

WWP-2 SIMILAR EXCEPT 7M
WWP-3 SIMILAR EXCEPT 8M
WWP-4 SIMILAR EXCEPT 9M
WWP-5 SIMILAR EXCEPT 10M




COOLING TOWER MAKEUP WATER PUMP RWP-1

RWP-2 SIMILAR EXCEPT 12M AND 6CR.




COOLING TOWER FAN #1

SIMILAR COOLING TOWER FAN #2 EXCEPT - 18M, 19M, 20M, 21M 7TR, 8TR, 9TR, 10TR, 2MTR (SET AT 20 SEC.), 14CR, 18CR.

SIMILAR COOLING TOWER FAN #3 EXCEPT 22M, 23M, 24M, 25M 11TR, 12TR, 13TR, 14TR, 3MTR (SET AT 30 SEC.), 15CR, 19CR.

SIMILAR COOLING TOWER FAN #4 EXCEPT 26M, 27M, 28M, 29M 15TR, 16TR, 17TR, 18TR, 4MTR (SET AT 40 SEC.), 16CR, 20CR.

NOTES FOR MOTOR CONTROL DIAGRAMS

▲ FURNISHED BY MECH CONTRACTOR

● DEVICE LOCATED IN WELDER WATER CONTROL AND ALARM PANEL

■ DEVICE LOCATED NEAR MOTOR

ALL RELAYS SHALL HAVE 1-N.O. AND 1-N.C. SPARE CONTACTS

ALL DEVICES LOCATED IN MOTOR STARTER UNLESS OTHERWISE NOTED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL'N 20 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 402 | 8-30-78 | J.K. | | |
| BULL 180 | 1-20-78 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

ARGONAUT DIVISION OF GENERAL MOTORS

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT

FOR

OKLAHOMA INDUSTRIES AUTHORITY

TENANCY BY

G.M ASSEMBLY DIVISION

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

WELDER WATER CONTROL AND ALARM PANEL SCHEMATIC DIAGRAM

SHEET TITLE

OWNER'S IDENTIFICATION

4500

P.E. & C. PROJECT NUMBER

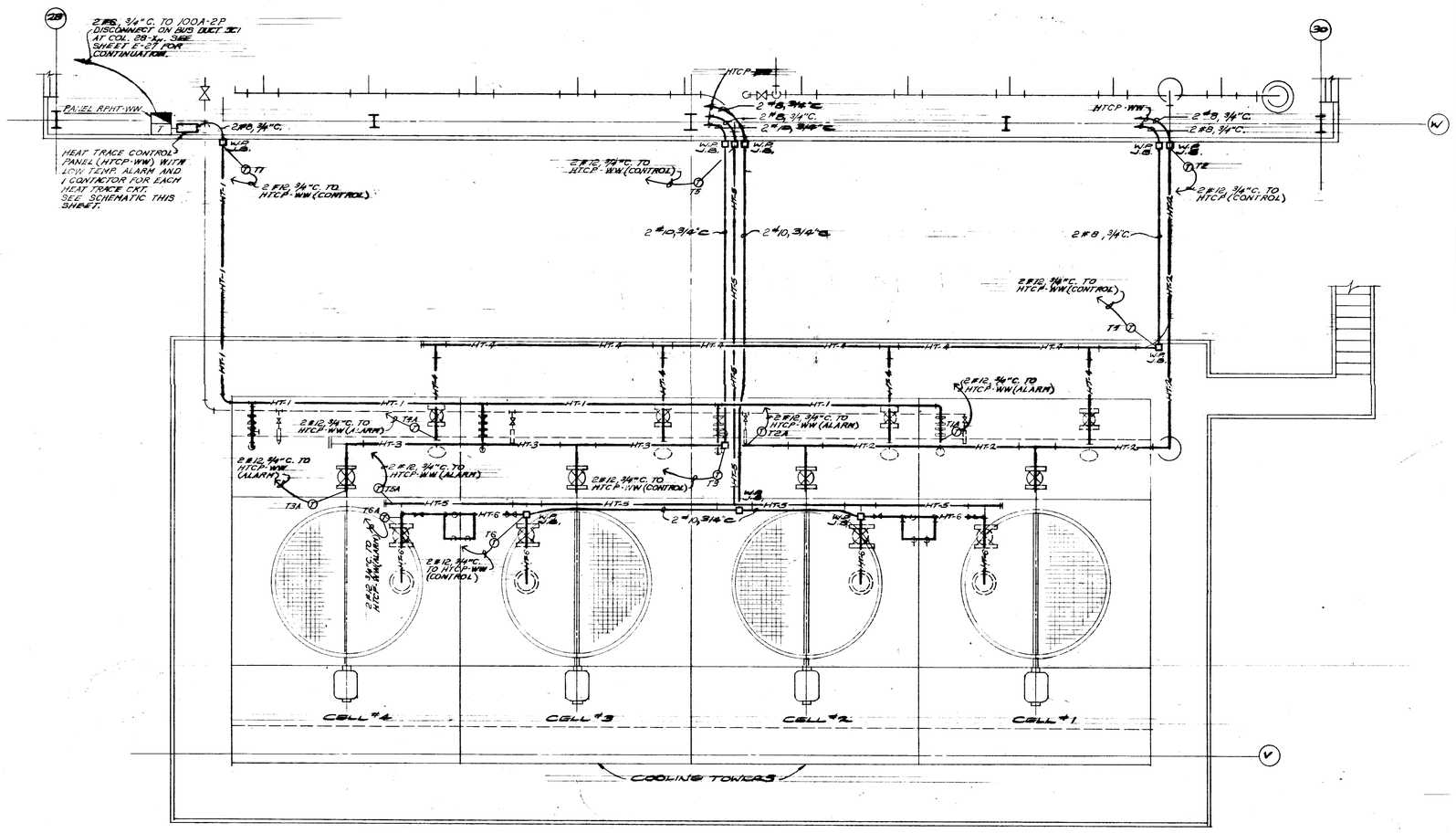
DATE 5-18-77

DRAWN BY D. WADE

JOB CAPT. G. YOUNG J. KONKLE

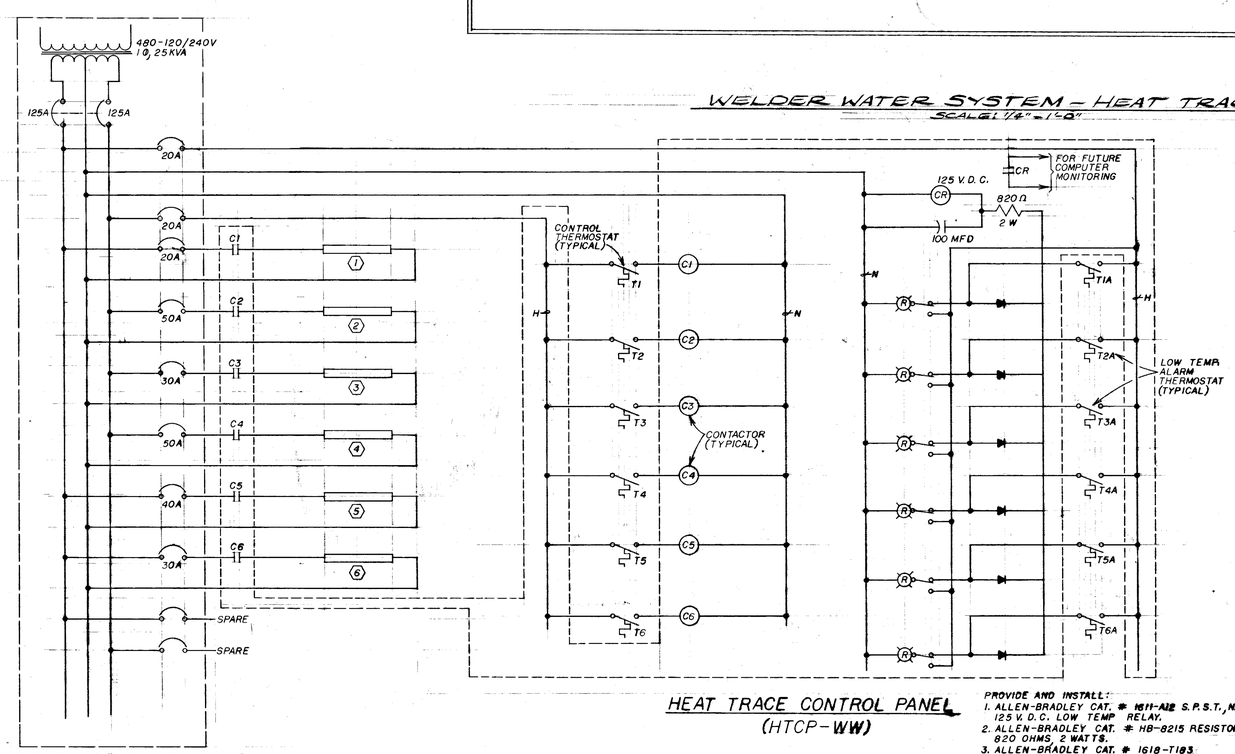
E-48

SHEET NUMBER




## WELDER WATER SYSTEM – HEAT TRACE

SCALE: 1/4" = 1'-0"




HEAT TRACE POWER PANEL
(RPHT-WW)

HEAT TRACE CONTROL PANEL
(HTCP-WW)

PROVIDE AND INSTALL:
1. ALLEN-BRADLEY CAT. # 1611-A12 S.P.S.T., N.O. 125 V.D.C. LOW TEMP RELAY.
2. ALLEN-BRADLEY CAT. # HB-8215 RESISTOR, 820 OHMS, 2 WATTS.
3. ALLEN-BRADLEY CAT. # 1618-T193 DIODE UNIT.
4. SPRAGUE CAT. # TVA-1522 CAPACITOR.

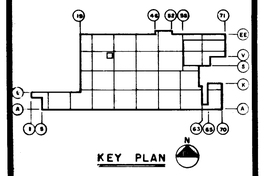
OR APPROVED EQUALS

### HEATING CABLE SCHEDULE

| CIRCUIT NO. | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| PIPE SIZE (DIA.) | 3" | 20" | 20" | 20" | 24" | 16" |
| APPROX. LENGTH OF HT. CABLE | 98'-0" | 96'-0" | 44'-0" | 93'-0" | 84'-0" | 71'-0" |
| HEATING CABLE WATTS/FT. RATING | 10 | 30 | 30 | 30 | 30 | 30 |
| CIRCUIT VOLTAGE | 120 | 120 | 120 | 120 | 120 | 120 |
| SOLUTION | WATER | WATER | WATER | WATER | WATER | WATER |
| TEMP DIFF | 100° | 100° | 100° | 100° | 100° | 100° |
| NO. OF VALVES | 8 | 2 | 2 | 4 | NONE | 8 |
| FT. OF HT CABLE PER VALVE | 2'-0" | 2'-0" | 2'-0" | 2'-0" | NONE | 2'-4" |

NOTES:
1. LENGTH OF PIPES IS APPROX. VARIFY IN FIELD AND ADJUST TRACING STRIP AS REQUIRED.
2. HEATING CABLE TO BE INSTALLED ON THE BOTTOM OF PIPES.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | | |
| 5-27-77 | PAINTING & FINISHING DEF | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 138 | 1-20-78 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL #87 | 8-25-77 | J.K. | | |
| BULL #71 | 8-10-77 | J.K. | | |
| BULL #1 | 7-7-77 | J.K. | | |
| BULL #3 | 6-21-77 | J.K. | REF | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION — 440 WEST BRUNSWICK AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

WELDER WATER HEAT TRACE

SHEET TITLE

OWNER'S IDENTIFICATION

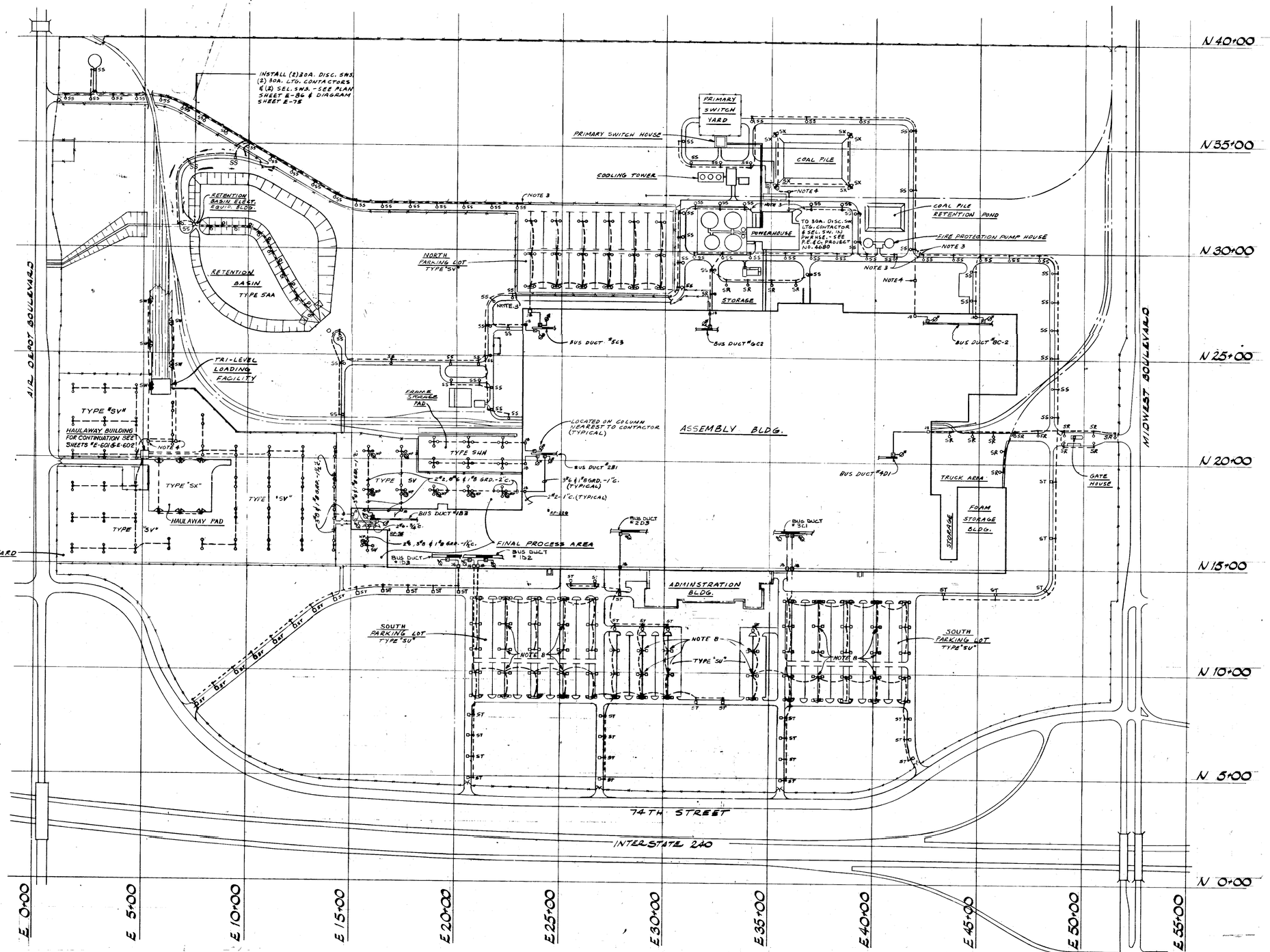
ARGONAUT PROJECT NUMBER: 4500

DATE 5-18-77

DRAWN BY T.B.

JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER: E-49




## OVERALL PLOT PLAN

SCALE 1" = 200'-0"

NOTES (CONT.):

8. ALL POLES INSTALLED IN HAULAWAY YARD, HAULAWAY PAD, FINAL PROCESS AREAS, FRAME STORAGE PAD, NORTH PARKING LOT, AND TRILEVEL LOADING FACILITY, AND WHERE NOTED IN SOUTH PARKING LOTS, SHALL BE INSTALLED ON CONCRETE FOUNDATIONS EXTENDING 2'-0" ABOVE GRADE. SEE DETAILS & NOTE 9, SHEET E-74.

NOTES:

1. ALL TYPE "SR" LIGHTING FIXTURES THIS SHEET SHALL HAVE I.E.S. TYPE III LIGHTING DISTRIBUTION.
   ALL TYPE "S" LIGHTING FIXTURES THIS SHEET SHALL HAVE I.E.S. TYPE II LIGHTING DISTRIBUTION.
2. SEE SHEET E-1 FOR LIGHTING FIXTURE SCHEDULE AND SHEET E-2 FOR SYMBOL LIST, & SHEETS EU-1 & EU-2 FOR CONDUIT BUILDING ENTRANCE LOCATIONS & DETAILS.
3. 1½" HEAVY WALL PLASTIC CONDUIT STUBBED OUT AND CAPPED 5'-0" FROM CONCRETE FDN. 2'-6" BELOW GRADE FOR FUTURE EXTENSION.
4. HEAVY DUTY WEATHERPROOF UNDERGROUND PULL BOX MOUNTED FLUSH WITH GRADE-SEE DETAIL ON SHEET E-75.
5. ALL CONDUIT BENEATH ROADWAYS OR RAILROAD TRACKS AND EXTENDING 2'-0" EITHER SIDE OF ROADWAYS OR RAILROAD TRACKS SHALL BE PLASTIC COATED STEEL. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL SUITABLE FITTINGS FOR CONNECTION TO PLASTIC CONDUIT.
6. FOR OUTDOOR LIGHTING FIXTURE DETAILS & WIRING DIAGRAM SEE SHEETS E-74 & E-75.
7. ALL UNDERGROUND FEEDERS THIS SHEET SHALL BE 3#6 & 1#8 GRD.-1½"C. RIGID PLASTIC UNLESS OTHERWISE NOTED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 7-15-77 | STRUCT. CONTR. BID | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| E.O. 513 | 5-2-78 | W.S. | | |
| E.O. 1343 | 3-6-78 | T.J. | | |
| E.O. 1113 | 10-7-77 | T.J. | | |
| BULL. 110 | 10-5-77 | J.K. | | |
| BULL. 80 | 9-1-77 | T.J. | | |
| BULL. 66 | 7-25-77 | J.K. | | |
| P.C. 67 | 7-26-77 | J.K. | | |
| BULL. 61 | 7-7-77 | J.K. | | |
| B... 4 | 6-15-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
448 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-PARKING LOT ROADWAY & AREA LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

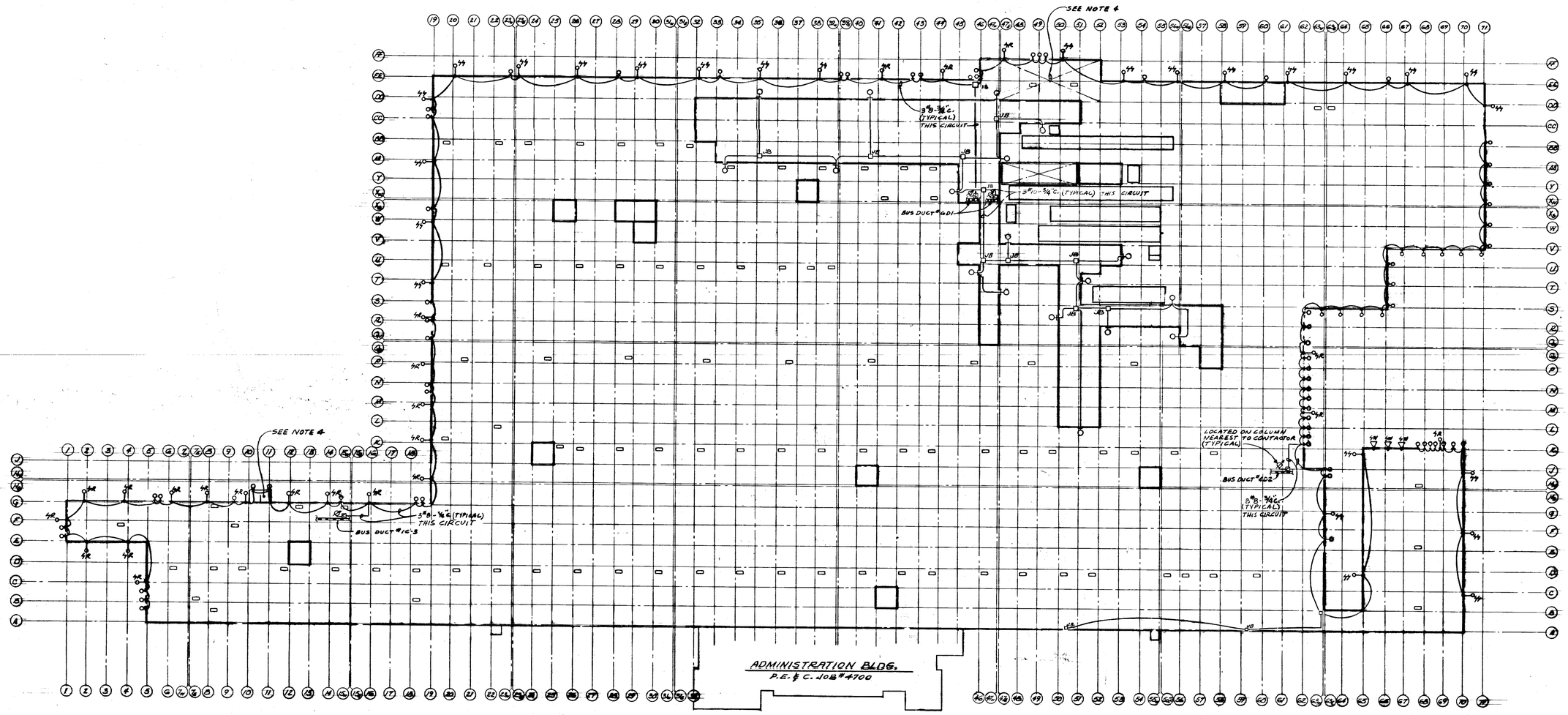
DATE 3-23-77

DRAWN BY M.N.

JOB CAPT. T. JOHNSON
J. KONKLE

E-50
SHEET NUMBER

APPROVED 115 REV. 12-69 KODE 17 (9153) 8-24 17820




## ROOF PLAN

NOTES

1. SEE SHEET E-1 FOR LIGHTING FIXTURE SCHEDULE AND SHEET E-2 FOR SYMBOL LIST.
2. ALL LIGHTING FIXTURES THIS SHEET ARE TYPE "SP" UNLESS OTHERWISE NOTED.
3. ALL TYPE "SR" & "SS" LIGHTING FIXTURES THIS SHEET SHALL HAVE I.E.S. TYPE III LIGHTING DISTRIBUTION.
4. INSTALLATION OF CONDUIT AND WIRING IN THIS AREA SHALL BE SUITABLE FOR CLASS I, DIVISION I, GROUP D HAZARDOUS (CLASSIFIED) AREAS.
5. ALL CONDUIT & WIRE SHOWN ON THIS SHEET SHALL BE ROUTED INSIDE BUILDING.
6. FOR LIGHTING FIXTURE MOUNTING DETAILS SEE SHEET E-73.

NORTH

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | J.C. Wehring | Roy J. Meant |
| 3-23-77 | PRIME MECH. REF. | [illegible] | |
| 5-27-77 | PAINTING & FINISHING REF. | | |
| 6-1-77 | FC 51 ROOF & COMTR. | | Roy J. Meant |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 509 | 4-11-79 | W.S. | W.S. Sampson | [illegible] |
| EFO #410 | 9-11-78 | T.J. | [illegible] | [illegible] |
| BULL #120 | 11-15-77 | J.K. | [illegible] | [illegible] |
| BULL #79 | 9-29-77 | J.K. | [illegible] | [illegible] |
| BULL #71 | 8-10-77 | J.K. | [illegible] | [illegible] |
| 61 | 7-7-77 | J.K. | [illegible] | [illegible] |
| 53 | 6-2-77 | J.K. | RGF | |
| 20 | 5-18-77 | J.K. | [illegible] | [illegible] |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
1205 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - PERIMETER
ROOF & DOOR
LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

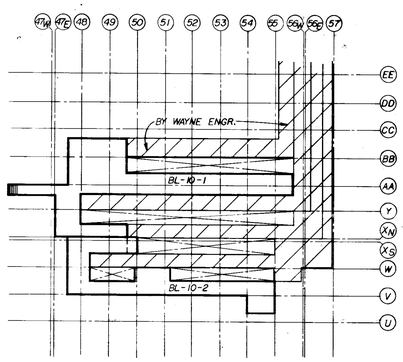
DATE 3-23-77

DRAWN BY M.N.

JOB CAPT. T. JOHNSON
J. KONKLE

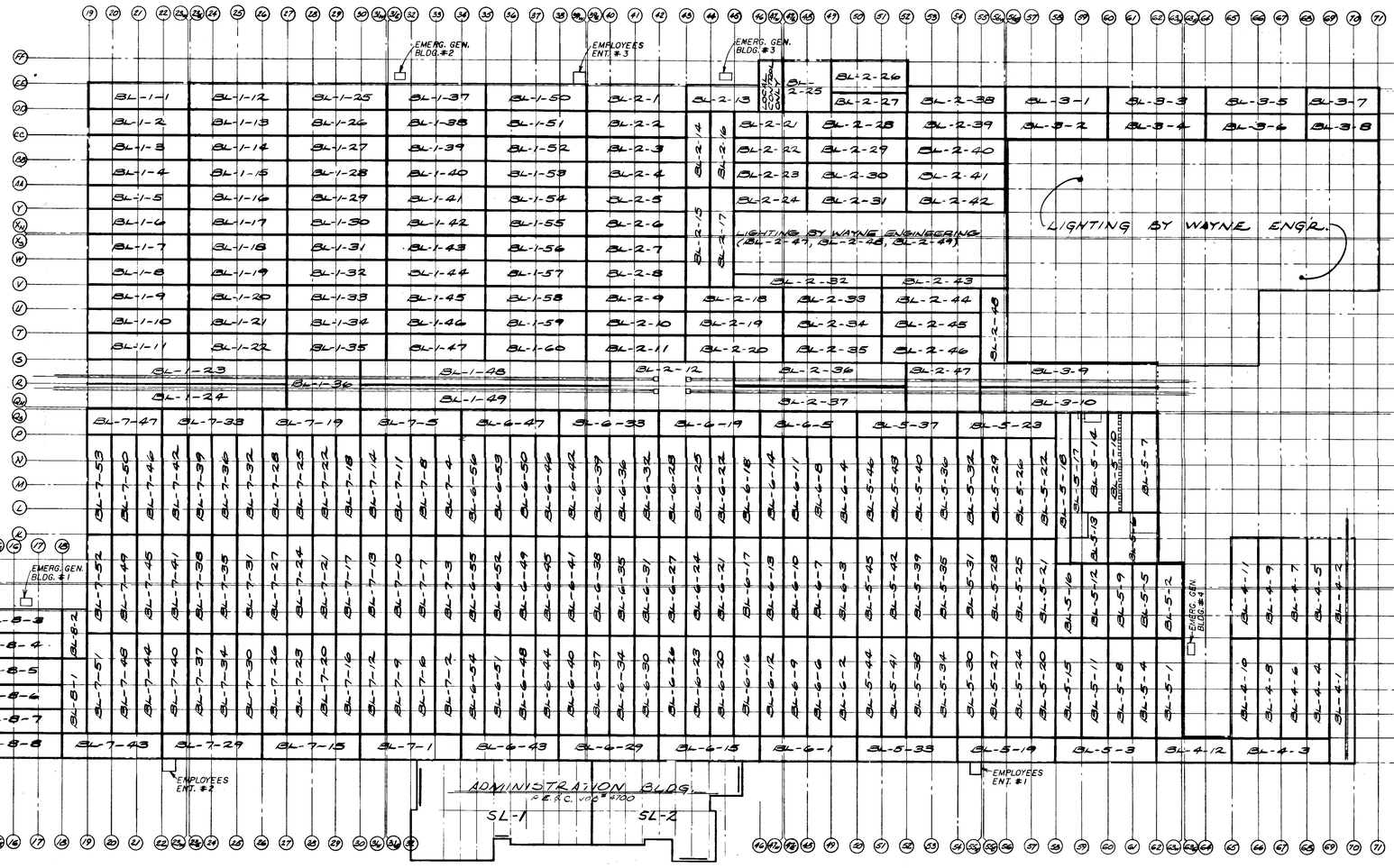
E-51
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-52




PLENUM

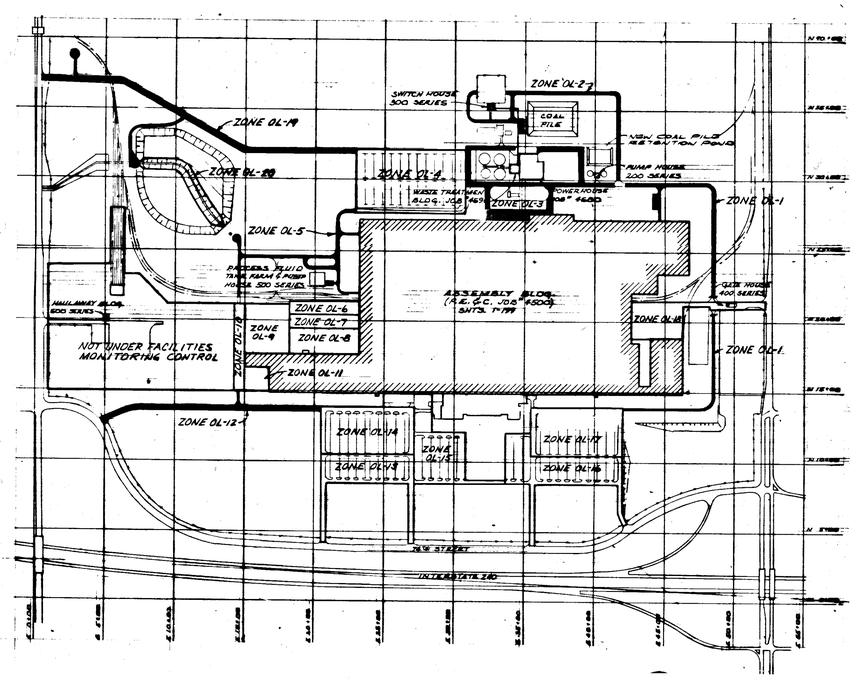
SCALE: 1"=100'




ASSEMBLY BLDG.

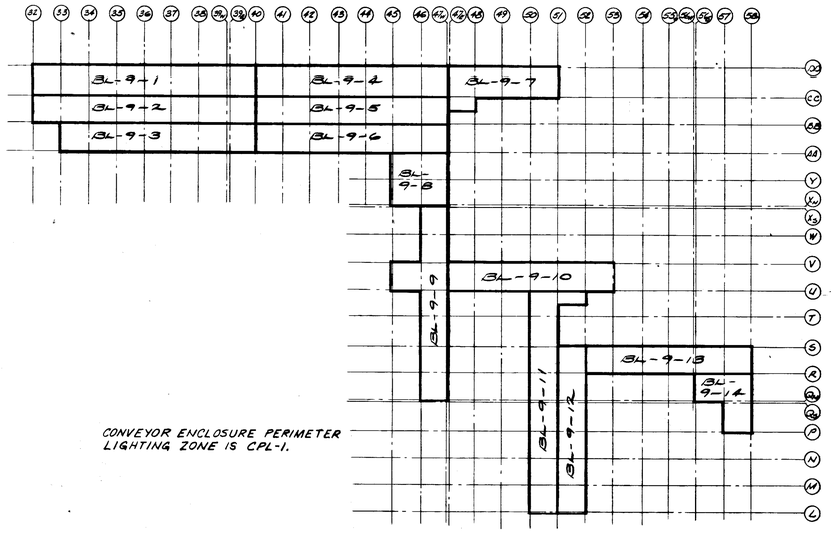
SCALE: 1"=100'

PERIMETER LIGHTING ZONES ARE AS FOLLOWS
PL-1 COL 32A CLOCKWISE TO COL 19S.
PL-2 COL 19S CLOCKWISE TO COL 71DD.
PL-3 COL 71DD CLOCKWISE TO COL 30A




OVERALL PLOT PLAN

NO SCALE




CONVEYOR ENCLOSURE PERIMETER LIGHTING ZONE IS CPL-1.

ROOF CONVEYOR ENCLOSURE

SCALE: 1"=100'

## NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS #E-2 & E-3

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELEC. BID | J.C. Davis | |
| 3-23-77 | PRIME MECH. BID | | C. Sandelin |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 429 | 10-23-78 | TJ | | |
| BUL#65 | 6-16-78 | TJ | | |
| BUL#62 | 2-13-78 | J.W. | | C. Sandelin |
| BUL#50 | 7-7-77 | J.K. | | |
| BUL#20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
515 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN ASSEMBLY BLDG.
MASTER LTG. ZONES

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

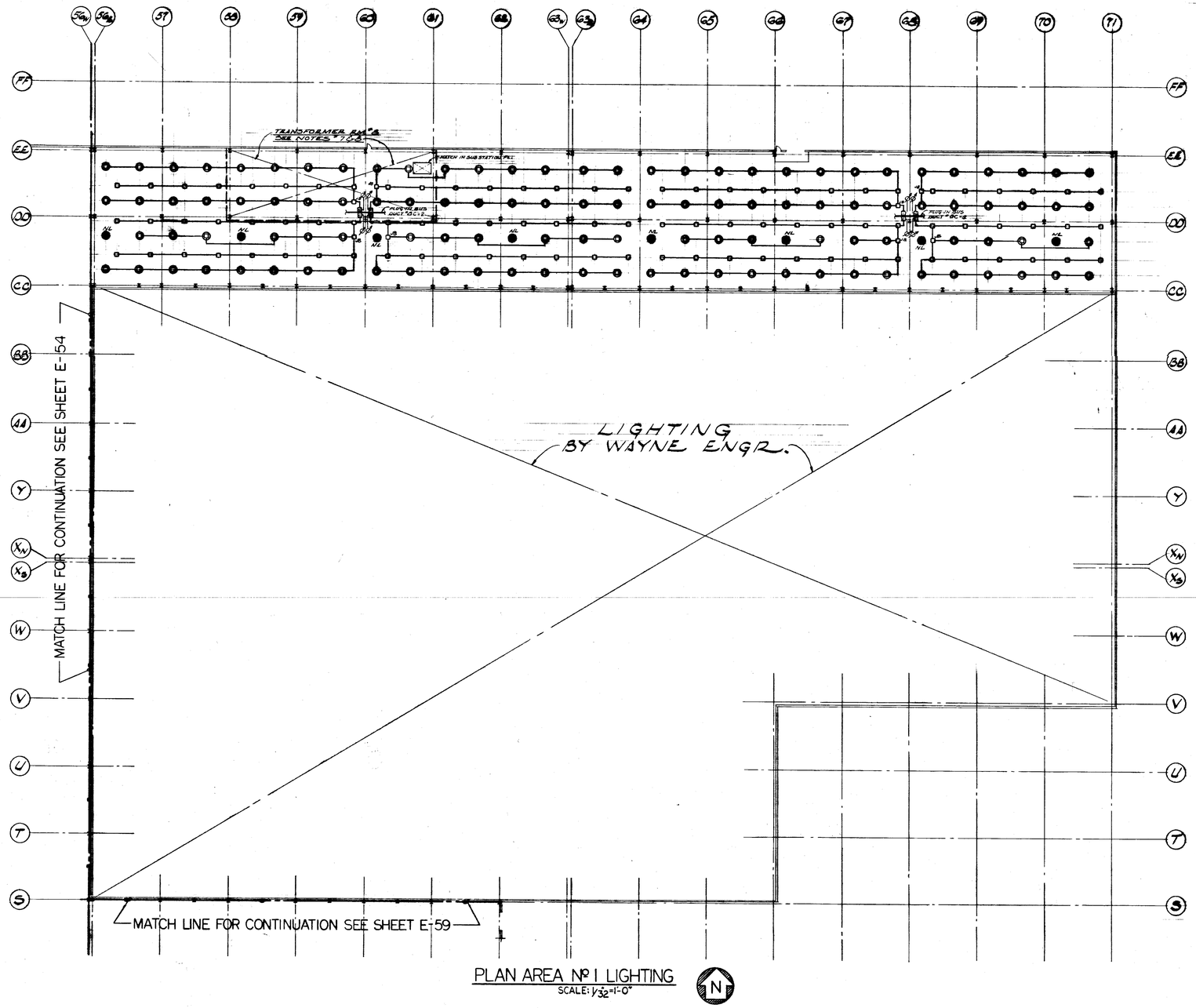
DATE 3-23-77

DRAWN BY M.N.

JOB CAPT. T. JOHNSON
J. KONKLE

E-52
SHEET NUMBER

ARGO 118 REV. 12-69 KOKE 17 6138 3-74 1700

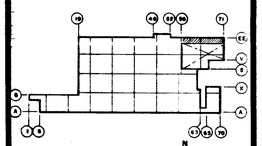



PLAN AREA Nº I LIGHTING
SCALE: 1/32"=1'-0"

## NOTES:

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET "E-1".
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS "E-2" & "E-3".
3. ALL 480V-3Ø LIGHTING BRANCH CIRCUITS SHALL BE 3"/10, ¾"C. FED FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "SH" UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "SJ" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET "E-3".
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET "E-3".
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOM SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS.
9. WHEN MORE THAN ONE SELECTOR SW. OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 1 ENCLOSURE AND LABELED WITH THE ZONE NUMBER IT SERVES.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET "E-7".
11. FOR LIGHTING BELOW NECK SEE ENLARGED PLANS & DETAILS SHT. E-73

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-16-77 | CONV. BID REF. | | |
| 5-20-77 | PAINTING & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 50 | 9-1-77 | TJ | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 73 | 6-21-77 | JK | REF | |
| BULL #20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
1436 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA Nº I
LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

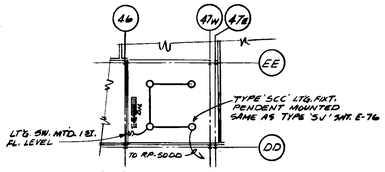
DATE 3-23-77

DRAWN BY M.N.

JOB CAPT. T. JOHNSON
J. KONKLE

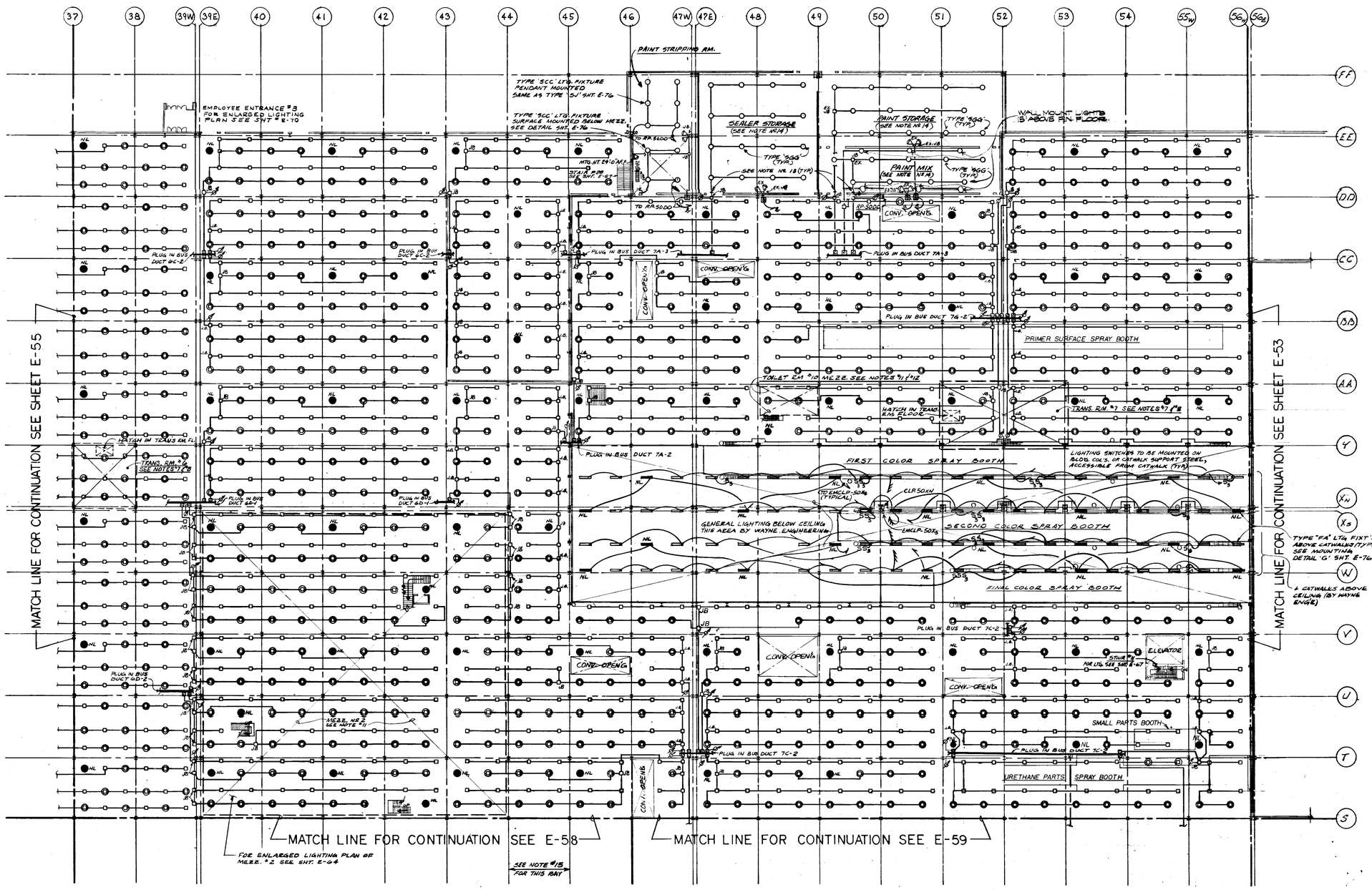
E-53
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-54



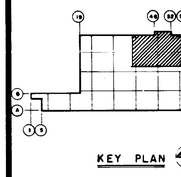

CARRIER REPAIR MEZZANINE LIGHTING PLAN

SCALE: 1/32"=1'-0"




PLAN AREA Nº2 LIGHTING

SCALE: 1/32"=1'-0"



KEY PLAN

## NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL NEW-38 LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 3/4"C FED FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "SH" UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "SJ" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET #E-34
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET #E-69
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOM SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS
9. WHEN MORE THAN ONE SELECTOR SW. OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET #E-71
11. FOR LIGHTING BELOW MEZZ. SEE ENLARGED PLANS & DETAILS SHT. E-73
12. FOR ENLARGED PLANS OF MEZZ. LIGHTING SEE SHTS. E-66 & 67
13. ALL CONDUITS ENTERING HAZARDOUS AREAS SHALL HAVE A SEALING TYPE UNILET IN THE CONDUIT RUN.
14. SEALER STORAGE, PAINT STORAGE & PAINT MIX RMS. ARE CLASS I, DIVISION I, GROUP D HAZARDOUS LOCATIONS.
15. THE BAY BETWEEN COL. LINES 44 & 45, FOR THE ENTIRE BLDG. COL. LINE 'Y' TO 'EE', IS THE MAIN UTILITY BAY FOR PRIMARY CABLE TRAY AND MECH. PIPING. ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF LIGHTING FIXTURES IN THIS AREA WITH OTHER ELECTRICAL & MECH. EQUIPMENT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELEC. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-6-77 | CONV. BID REF | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO 499 | 8-22-77 | WB | | |
| ECO 780 | 3-6-78 | T.J. | | |
| ECO 235 | 2-2-78 | T.J. | | |
| BULL #12 | 11-15-77 | J.K. | | |
| BULL #12 | 8-8-77 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 58 | 6-27-77 | JK | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA Nº2 LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 3-23-77

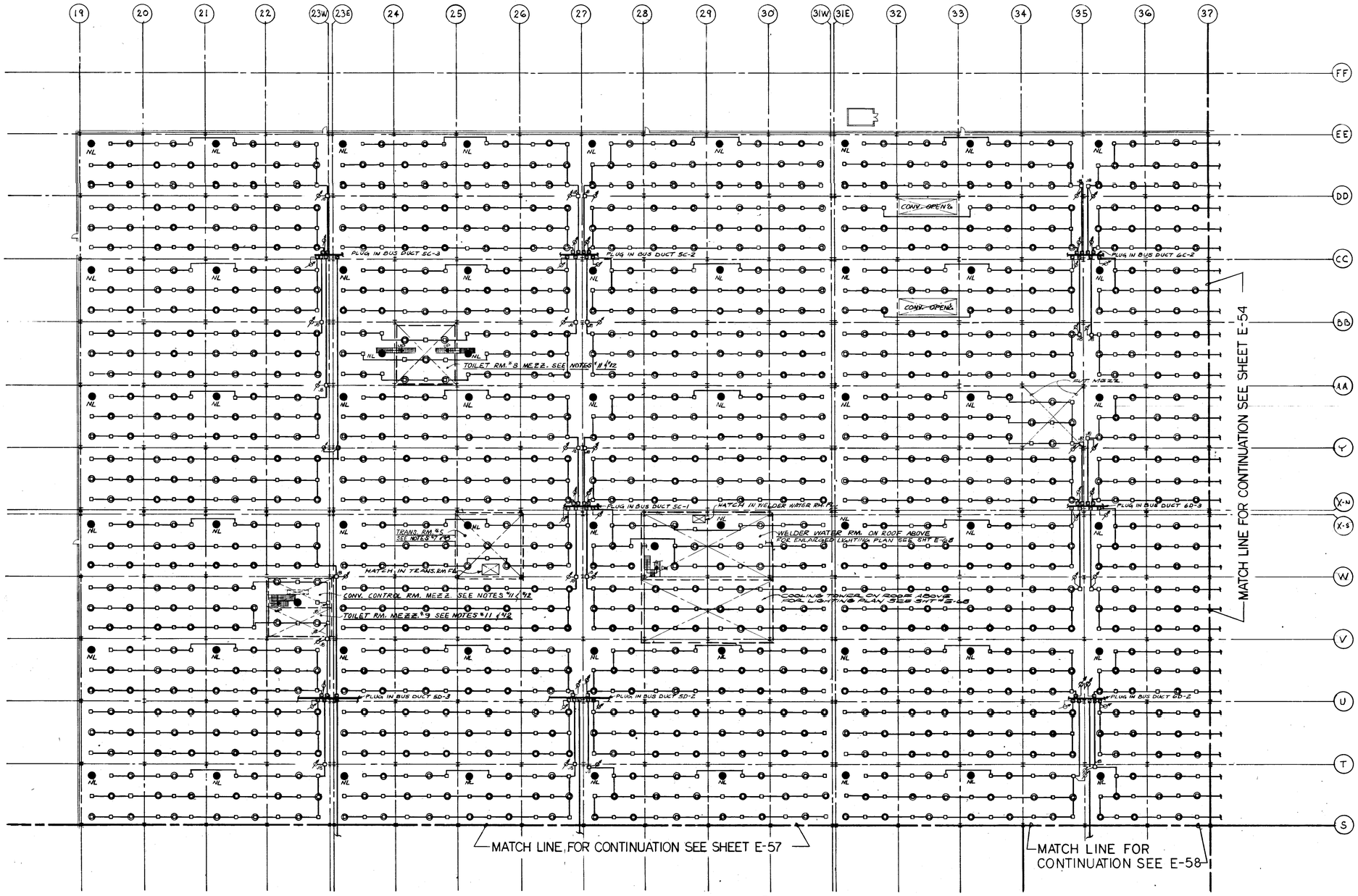
DRAWN BY M.N.

JOB CAPT. T. JOHNSON J. KONKLE

P. E. & C. PROJECT NUMBER 4500

E-54

SHEET NUMBER




## PLAN AREA №3 LIGHTING

SCALE: 1/32"=1'-0"

## NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL 480V.-3Ø LIGHTING BRANCH CIRCUITS SHALL BE 3#10 3/4"C FED FROM 30A.-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "A" UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "S1" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET #E-34
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET #E-69
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOM SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS.
9. WHEN MORE THAN ONE SELECTOR SW OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET #E-72
11. FOR LIGHTING BELOW MEZZ. SEE ENLARGED PLANS & DETAILS SHT. E-72 & 73
12. FOR ENLARGED PLANS OF MEZZ. LIGHTING SEE SHTS E-66 & 67.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| 1 | 10-19-77 | 12-20-77 | J.K. | |
| BULL 61 | 7-7-77 | | JK | |
| BULL 53 | 8-2-77 | | JK | |
| BULL 20 | 5-18-77 | | J.K. | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA №3 LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

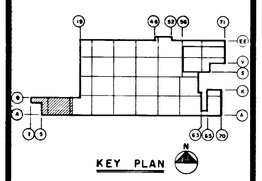
DRAWN BY M.N.

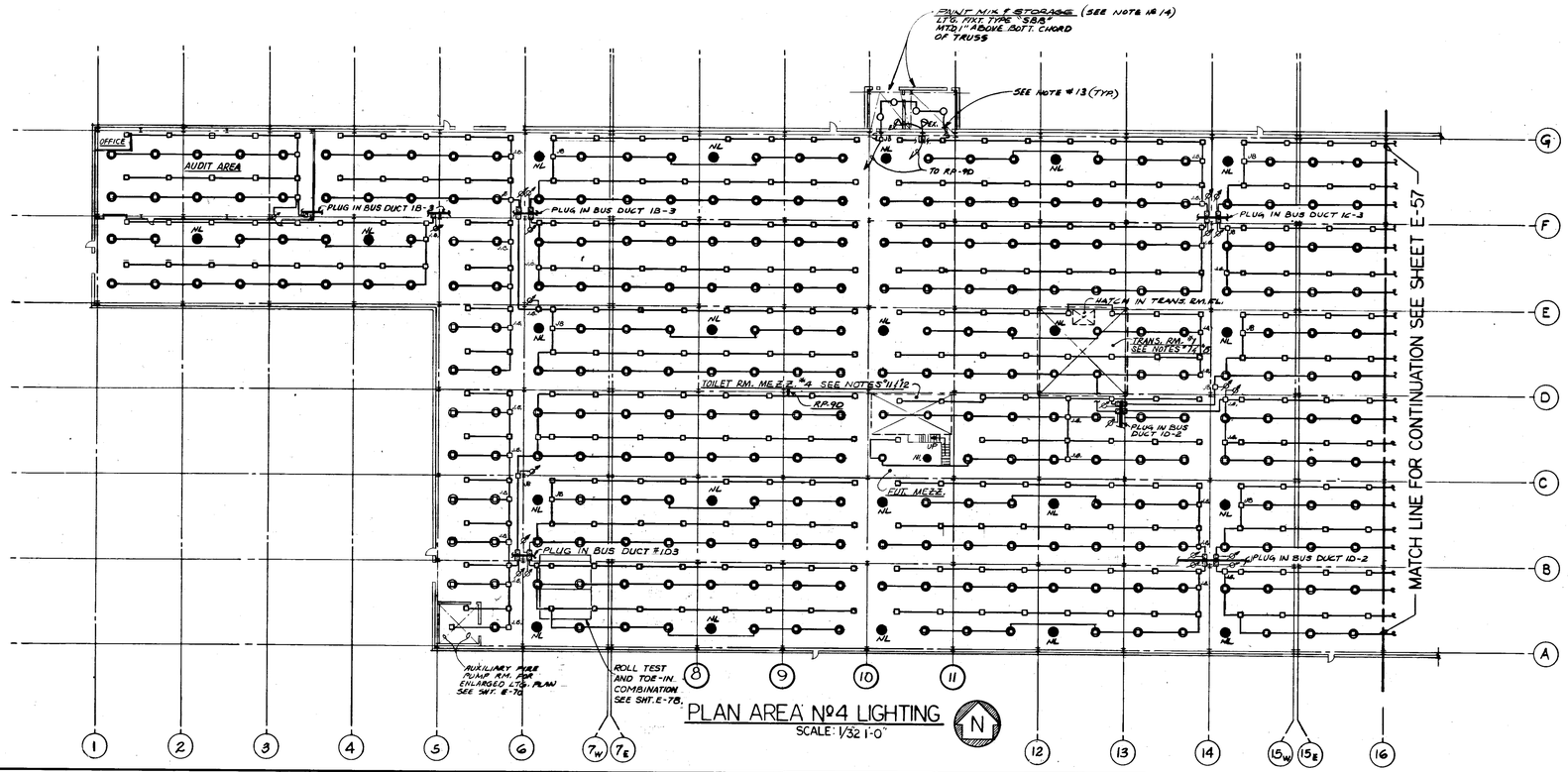
JOB CAPT. T. JOHNSON
J. KONKLE

E-55
SHEET NUMBER

# NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL 480V-3ϕ LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 3/4"C. FED FROM 30A-3P CONTACTOR W/ PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "H" UNLESS NOTED OTHERWISE.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "J" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET #E-34.
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET #E-69.
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOM SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS.
9. WHEN MORE THAN ONE SELECTOR SW. OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET #E-71.
11. FOR LIGHTING BELOW MEZZ. SEE ENLARGED PLANS & DETAILS SHT. E-73.
12. FOR ENLARGED PLANS OF MEZZ. LIGHTING SEE SHTS E-66 & 67.
13. ALL CONDUITS ENTERING HAZARDOUS AREA SHALL HAVE A SEALING TYPE UNILET IN THE CONDUIT RUN.
14. PAINT MIX & PAINT STORAGE RMS ARE A CLASS I, DIVISION I, GROUP D HAZARDOUS LOCATION.




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | G. C. Jones | W. R. Brisson |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 429 | 10-23-78 | TJ | | |
| BULL #46 | 9-19-77 | TJ | | |
| BULL #32 | 8-8-77 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL #3 | 6-21-77 | JK | REF | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA Nº4
LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

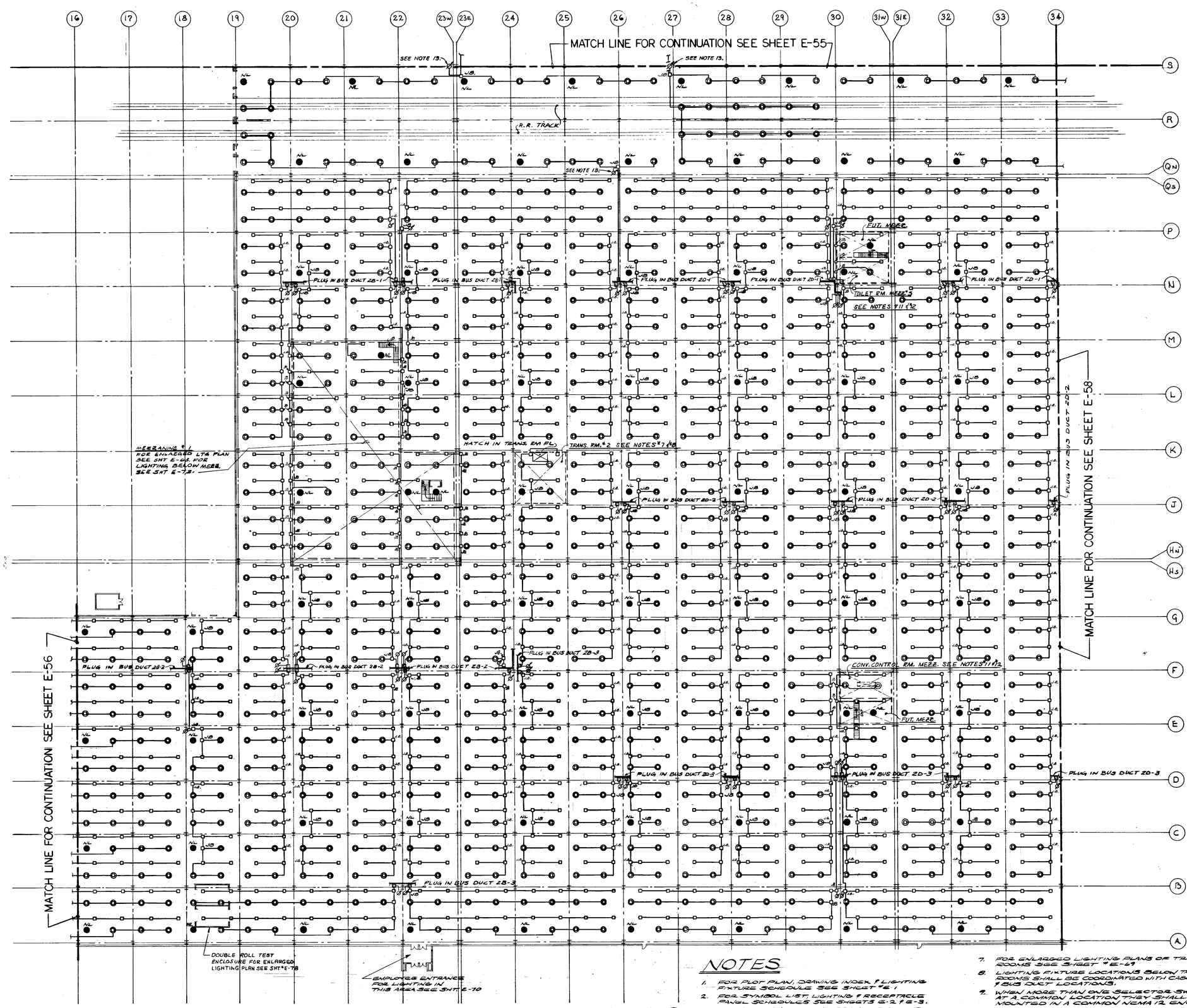
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M. N.

JOB CAPT. T. JOHNSON
J. KONKLE

E-56
SHEET NUMBER



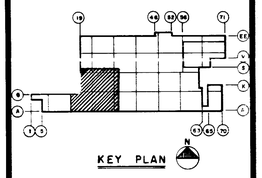

## PLAN AREA Nº5 LIGHTING

SCALE: 1/32"=1'-0"

## NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL 480V-3Ø LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 1/2"C FED FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "N" UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "SJ" UNLESS OTHERWISE
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET E-34
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET #E-69
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOMS SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS.
9. WHEN MORE THAN ONE SELECTOR SW OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET E-71
11. FOR LIGHTING BELOW MEZZ. SEE ENLARGED PLANS & DETAILS SHT. E-73
12. FOR ENLARGED PLANS OF MEZZ. LIGHTING SEE SHTS E-66 & 67
13. ON CONCRETE ENCASED COLUMNS, THE BOTTOM OF HOA SWITCHES ARE TO BE 6'-0" AFF.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-27-77 | PLUMBING & PLUMBING BID | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 288 | 4-15-78 | TJ | | |
| EFO 171 | 12-20-77 | J.K. | | |
| BULL 72 | 9-8-77 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 53 | 6-21-77 | JK | REF | |
| BULL #20 | 5-18-77 | JLK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTOR CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA Nº5
LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

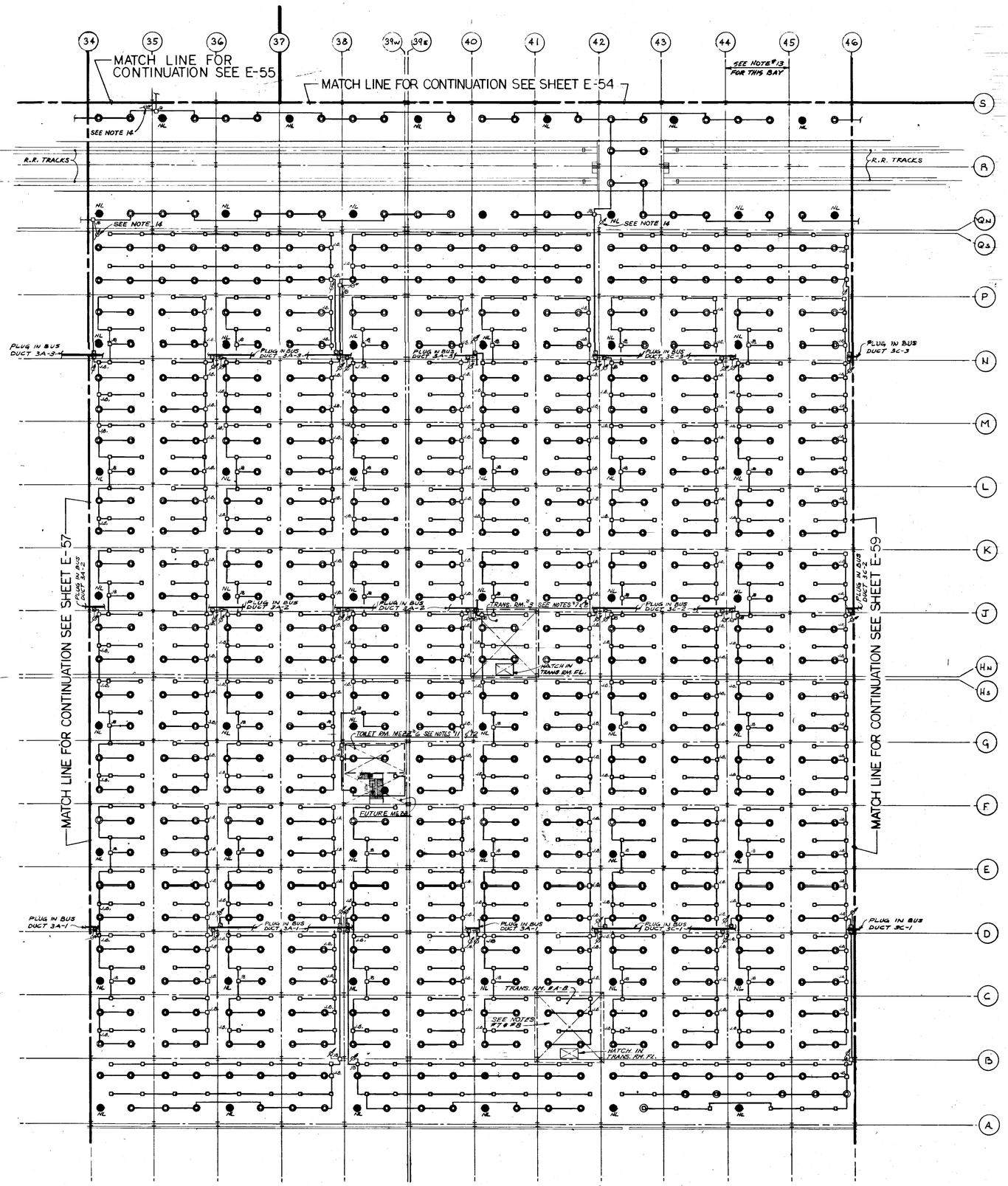
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M.N.

JOB CAPT. T. JOHNSON
J. KOHKLE

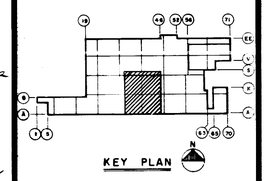
E-57
SHEET NUMBER




PLAN AREA №6 LIGHTING
SCALE: 1/32:1-0"

## NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHT #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL 480V-3ϕ LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 3/4"C FED FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "SH" UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "J" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET #E-34
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET #E-69
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOM SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS.
9. WHEN MORE THAN ONE SELECTOR SW. OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET #E-71
11. FOR LIGHTING BELOW NEZZ SEE ENLARGED PLANS & DETAILS SHT. E-73
12. FOR ENLARGED PLANS OF NEZZ LIGHTING SEE SHTS E-66 & 67
13. THE BAY BETWEEN COL. LINES 44 & 45, FOR THE ENTIRE BLDG. COL. LINE "A" TO "E", IS THE MAIN UTILITY BAY FOR PRIMARY CABLE TRAY AND MECH. PIPING. ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF LIGHTING FIXTURES IN THIS AREA WITH OTHER ELECTRICAL & MECH. EQUIPMENT.
14. ON CONCRETE ENCASED COLUMNS THE BOTTOM OF HOA SWITCHES ARE TO BE 8'-0" AFF.




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 3-23-77 | PRIME & FINISHING BOP. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| REV 358 | 6-28-78 | J.K. | | |
| REV 288 | 4-15-78 | T.J. | | |
| BULL #79 | 9-29-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | REF | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA №6
LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
PROJECT NUMBER

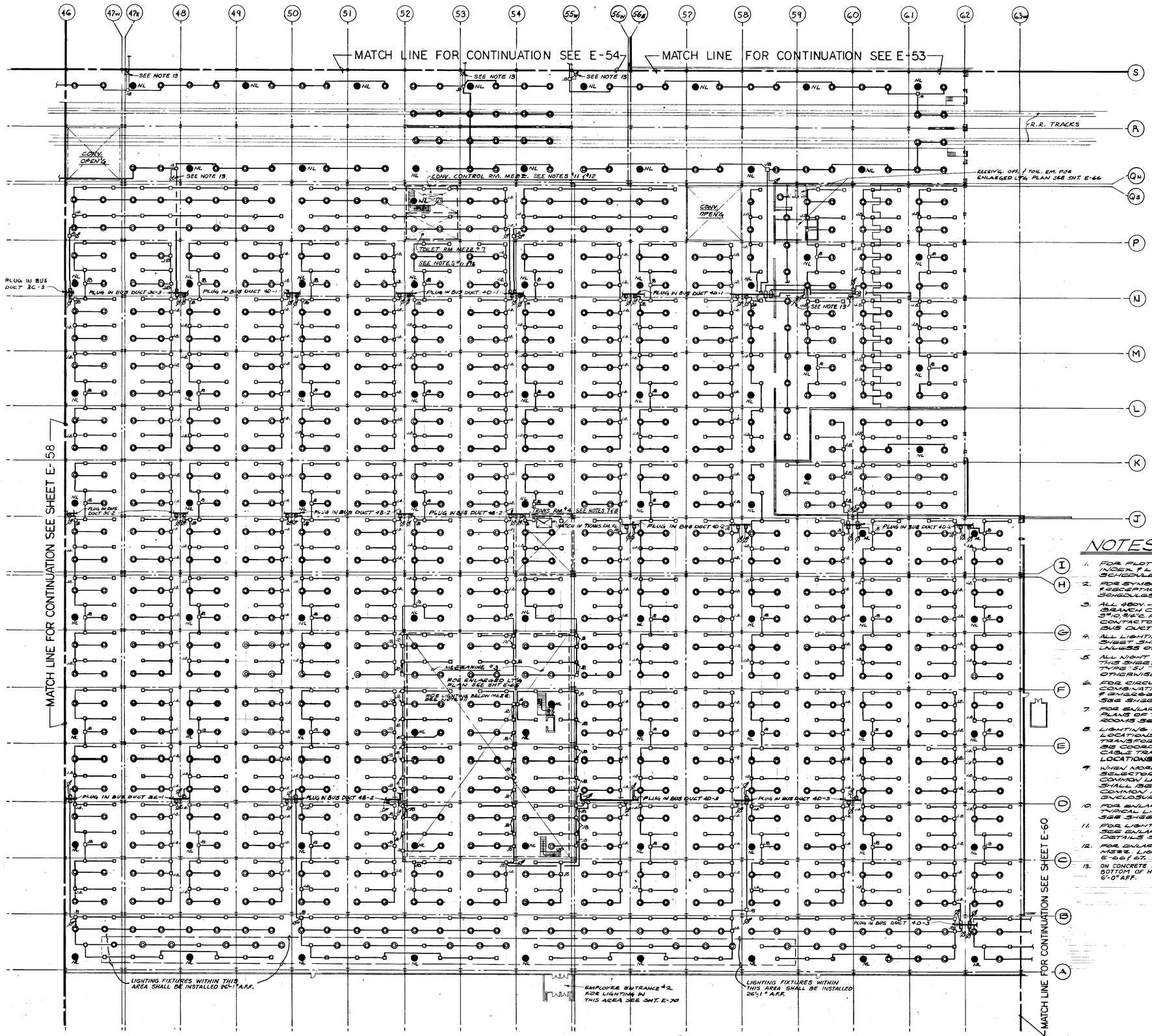
DATE 3-23-77

DRAWN BY M.N.

JOB CAPT. T. JOHNSON
J. KONKLE

E-58
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-59

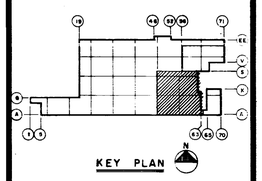



PLAN AREA Nº7 LIGHTING
SCALE: 1/32"=1'-0"

## NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET "E-1"
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHTS E2 & E3.
3. ALL 480V.-3Ø LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 1#10 GND FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "OH" UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "SJ" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET "E-34"
7. FOR ENLARGED LIGHTING PLANS OF TRANSFORMER ROOMS SEE SHEET "E-60"
8. LIGHTING FIXTURE LOCATIONS BELOW TRANSFORMER ROOM SHALL BE COORDINATED WITH CABLE TRAY & BUS DUCT LOCATIONS.
9. WHEN MORE THAN ONE SELECTOR SW. OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
10. FOR ENLARGED PLAN TYPICAL LIGHTING PATTERN SEE SHEET "E-71"
11. FOR LIGHTING BELOW MEZZ. SEE ENLARGED PLANS & DETAILS SHT. E-73
12. FOR ENLARGED PLANS OF MEZZ. LIGHTING SEE SHTS E-66 & 67.
13. ON CONCRETE ENCASED COLUMNS THE BOTTOM OF NOA SWITCHES TO BE 6'-0" AFF.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |
| 5-23-77 | PAINTING & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 1-23-78 | TJ | | |
| EFO 358 | 6-28-78 | JK | | |
| EFO 288 | 4-15-78 | TJ | | |
| EFO 179 | 12-20-77 | JK | | |
| BULL #32 | 8-8-77 | JK | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL 53 | 6-21-77 | JK | REF | |
| BULL #20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA Nº7 LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 3-23-77

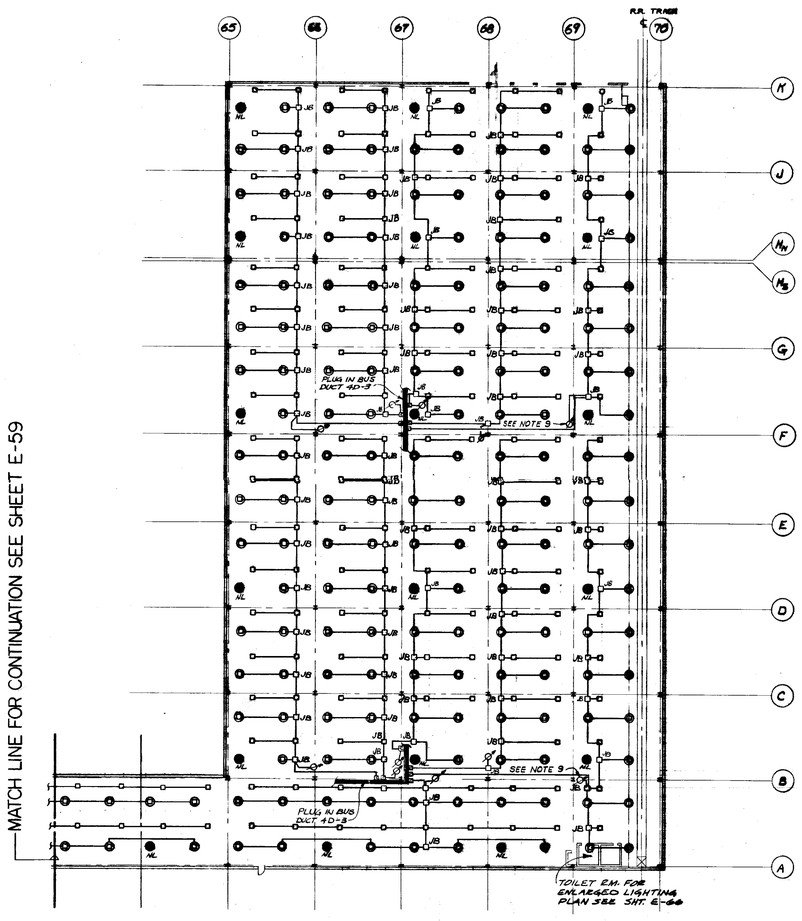
DRAWN BY M.N.

JOB CAPT. T. JOHNSON J. RONALE

4500 PROJECT NUMBER

E-59 SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-60



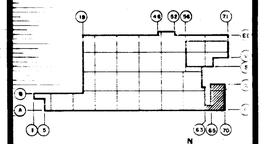

## PLAN AREA Nº8 LIGHTING

SCALE 1/32"=1'-0"

# NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1
2. FOR SYMBOL LIST LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3
3. ALL 480V-3Ø LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 3/4" C. FED FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "SH" UNLESS OTHERWISE NOTED
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE "SI" UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET #E-3A
7. WHEN MORE THAN SELECTOR SWITCH OCCURS AT A COMMON LOCATION, THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
8. FOR ENLARGED PLAN, TYPICAL LIGHTING PATTERN SEE SHEET #E-71.
9. ON CONCRETE ENCASED COLUMNS THE BOTTOM OF HOA SWITCHES TO BE 6'-0" AFF.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 288 | 4-15-78 | T.J. | | |
| BULL 21 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

A PRIME CONTRACTOR

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN AREA Nº8 LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M. N.

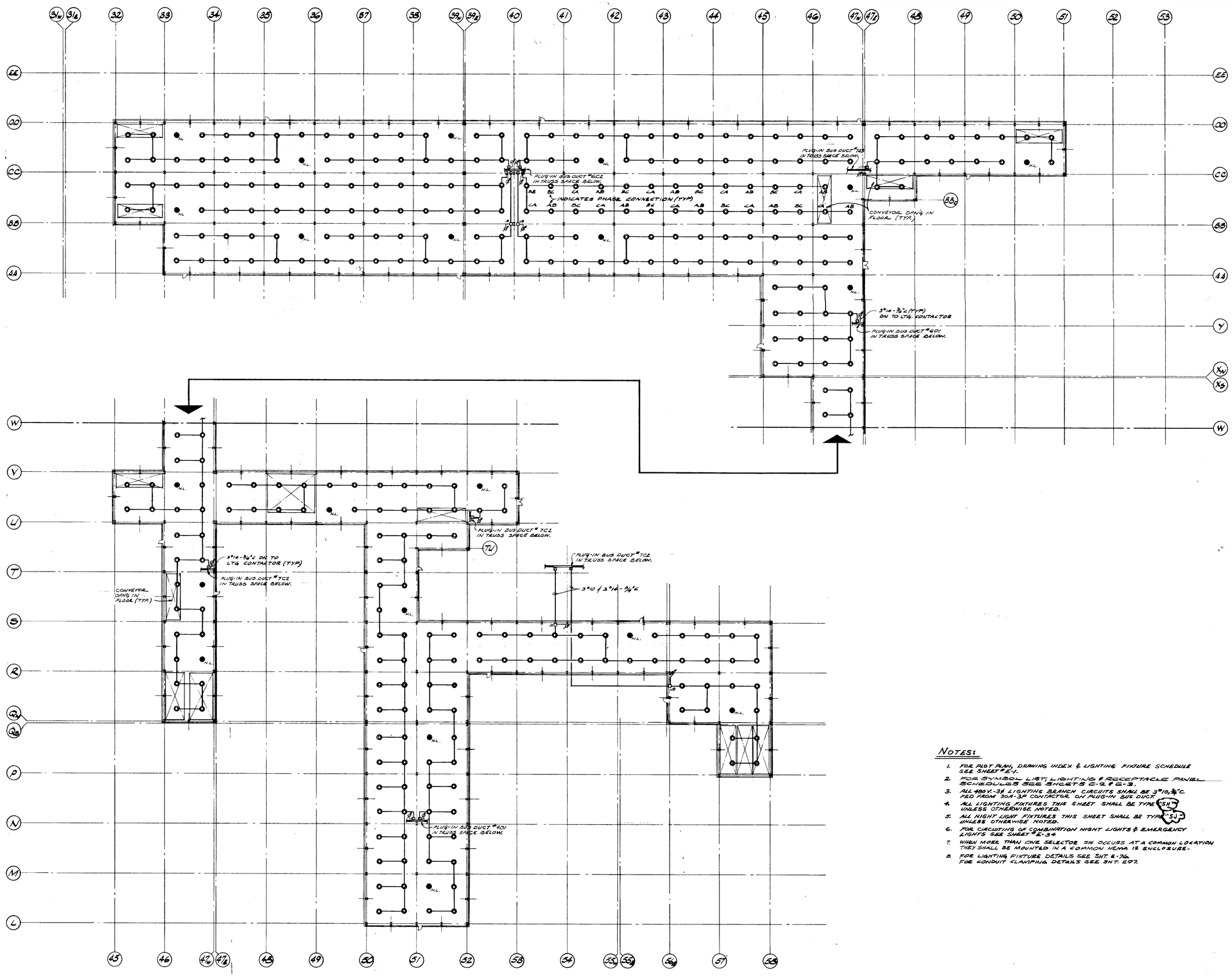
JOB CAPT. T. JOHNSON J. KONKLE

E-60

SHEET NUMBER

ARGO 118 REV. 12-69 KOKE 17 0193 8-74 1798

PROJECT NO. 4500 SHEET NO. E-61




PLAN CONVEYOR ENCLOSURE LIGHTING

SCALE: 1/32 = 1'-0"

## NOTES:

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL 480 V.-3φ LIGHTING BRANCH CIRCUITS SHALL BE 3#10, 3/4"C. FED FROM 30A-3P CONTACTOR ON PLUG-IN BUS DUCT.
4. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE SH UNLESS OTHERWISE NOTED.
5. ALL NIGHT LIGHT FIXTURES THIS SHEET SHALL BE TYPE SJ UNLESS OTHERWISE NOTED.
6. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET #E-4.
7. WHEN MORE THAN ONE SELECTOR SW. OCCURS AT A COMMON LOCATION THEY SHALL BE MOUNTED IN A COMMON NEMA 12 ENCLOSURE.
8. FOR LIGHTING FIXTURE DETAILS SEE SHT. E-7a. FOR CONDUIT CLAMPING DETAILS SEE SHT. E07.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-6-77 | CONV. BID REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EF#259A | 7-17-78 | J.K. | | |
| EF#259 | 2-28-78 | T.D.J. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #20 | 5-16-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN CONVEYOR ENCLOSURE LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P. E. & C. PROJECT NUMBER

DATE 3-23-77

DRAWN BY M.N.

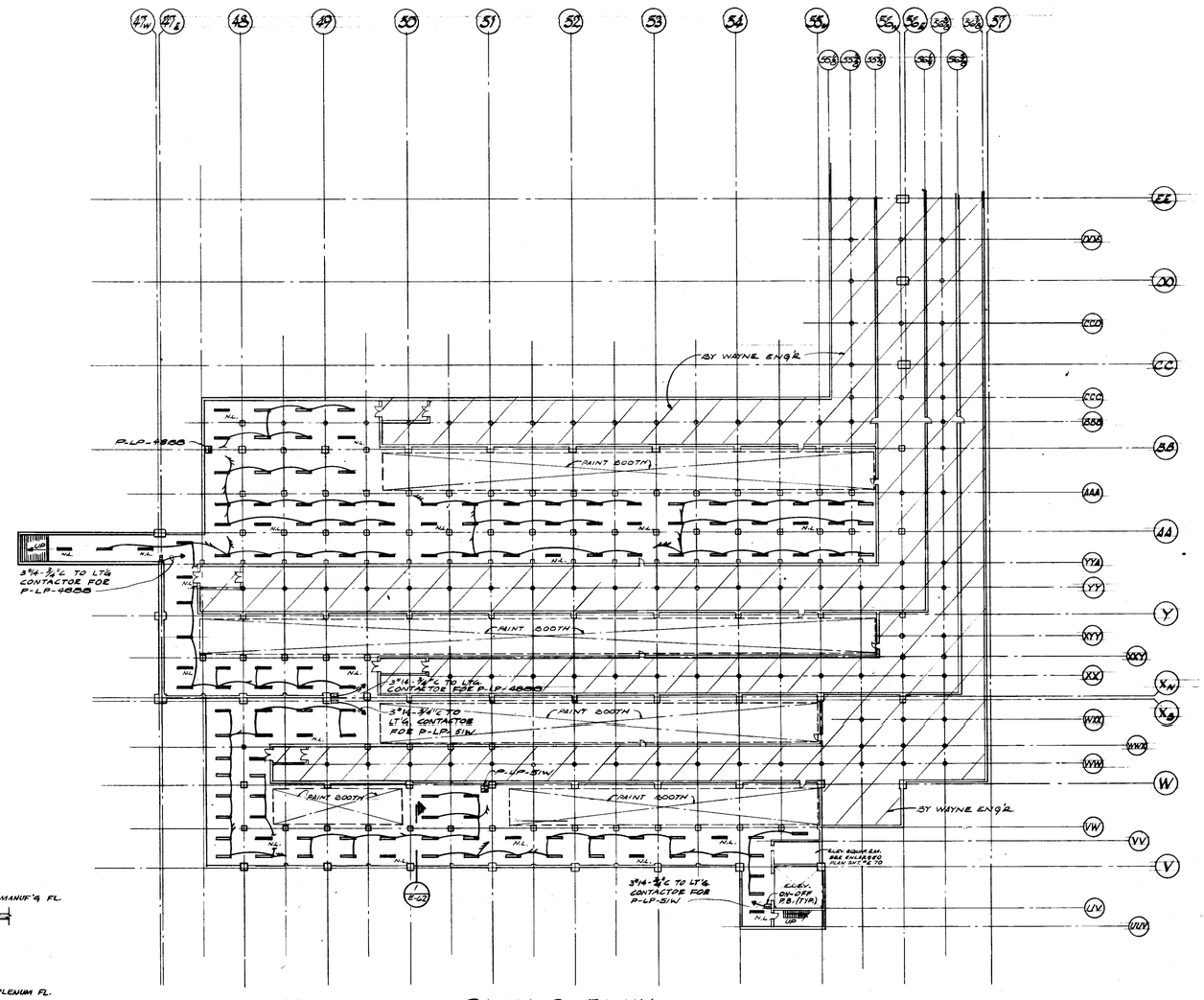
JOB CAPT. T. JOHNSON J. KONKLE

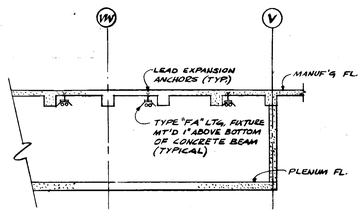
E-61

SHEET NUMBER

ARGO 116 REV. 12-69 K-&E 17 6188 3-74 1700

PROJECT NO. 4500 SHEET NO. E-62




1 E-62

SCALE: 1/8"=1'-0"

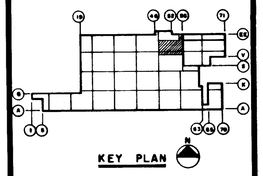
## PLAN PLENUM

SCALE: 1/32"=1'-0"

## NOTES:

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET "E1".
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "FA" UNLESS OTHERWISE NOTED.
4. FOR CIRCUITING OF COMBINATION NIGHT LIGHTS & EMERGENCY LIGHTS SEE SHEET E-14.
5. FOR LIGHTING FIXTURE DETAILS SEE SHT. E-76
6. FOR CLAMPING DETAILS SEE SHT E-77.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 4-23-77 | CONC. PLENUM REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

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FOR THE CONTRACTOR

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REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

3044 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN PLENUM LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

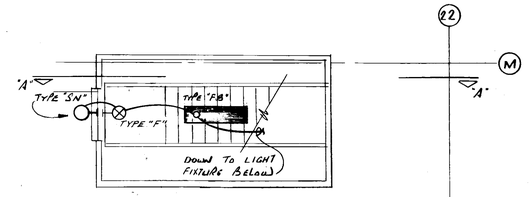
DRAWN BY M.N.

JOB CAPT. T. JOHNSON J. KONKLE

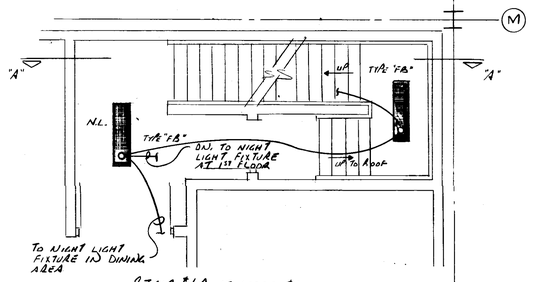
E-62
SHEET NUMBER

ARGO 118 REV. 12-69 KORE 17 0193 2-74 1799

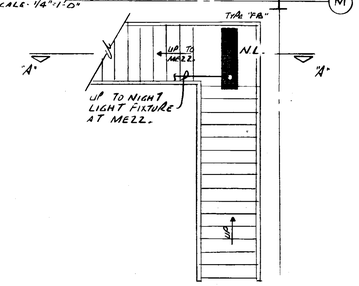
PROJECT NO. 4500 SHEET NO. E-63



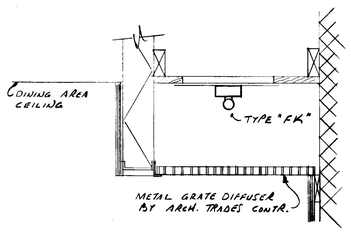

STAIR #1A AT MEZZ. #1
PLAN AT ROOF
SCALE: 1/4"=1'-0"



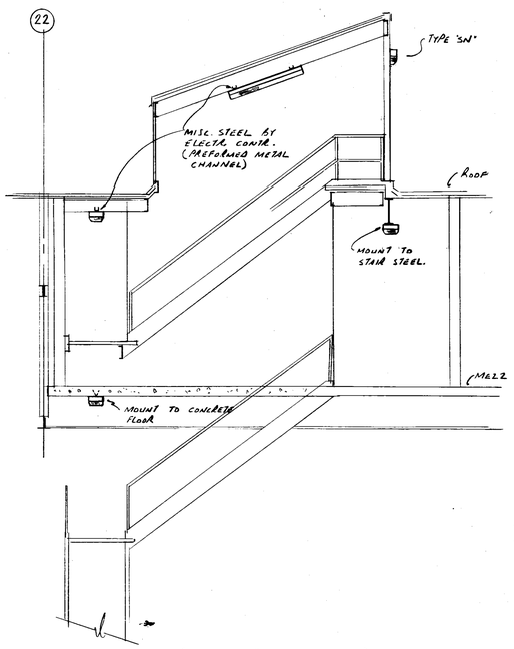

STAIR #1A AT MEZZ. #1
PLAN AT MEZZ. FLOOR
SCALE: 1/4"=1'-0"



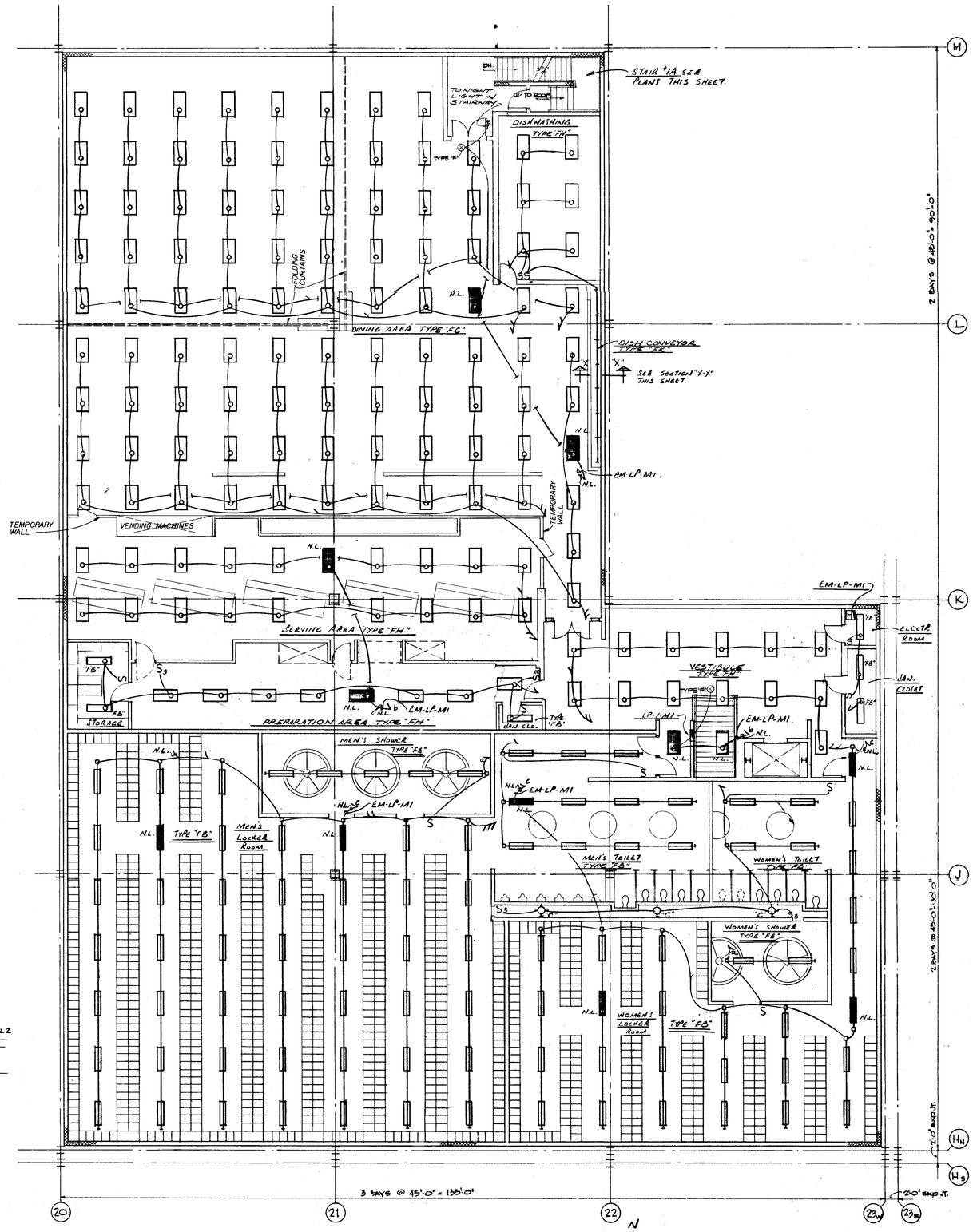

STAIR #1A AT MEZZ. #1
PLAN AT FIRST FLOOR
SCALE: 1/4"=1'-0"




SECTION "X-X"
(THRU DISH CONVEYOR)
N.T.S.
(SIMILAR FOR MEN'S AND WOMEN'S TOILETS ON MEZZANINE No. 2)




SECTION "A-A" (STAIR #1A)
SCALE: 1/4"=1'-0"

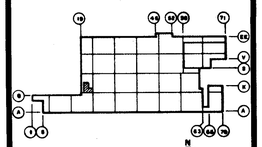



PLAN- MEZZANINE No. 1
SCALE: 1/8"=1'-0"

NOTES.

1. FOR PLOT PLAN DRAWING INDEX & LIGHTING FIXTURE SCHEDULES SEE SHEET E-1
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3
3. ALL LIGHTING FIXTURES THIS SHEET ARE TYPE "FC" UNLESS OTHERWISE NOTED.
4. COMBINATION NIGHT LIGHTS AND EMERGENCY LIGHT FIXTURES THIS SHEET ARE CIRCUITED TO EM-LP-M1.
5. SEE LIGHTING DETAIL SHEET E-76 FOR FIXTURE MOUNTING DETAILS.
6. ALL HOME RUNS THIS SHEET ARE TO LP-1-M1 UNLESS OTHERWISE NOTED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-20-77 | ARCH. REF. | | |
| 5-27-77 | PARTITIONS & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| SPO 460 | 1-25-79 | W.S. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| BULL 159 | 2-6-78 | J.K. | | |
| BULL 100 | 11-15-77 | J.K. | | |
| BULL 46 | 9-14-77 | T.J. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 1 | 3-14-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

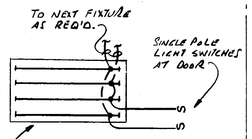
ENLARGED PLAN MEZZ. No. 1 TOILETS, LOCKER ROOMS & CAFETERIA

SHEET TITLE

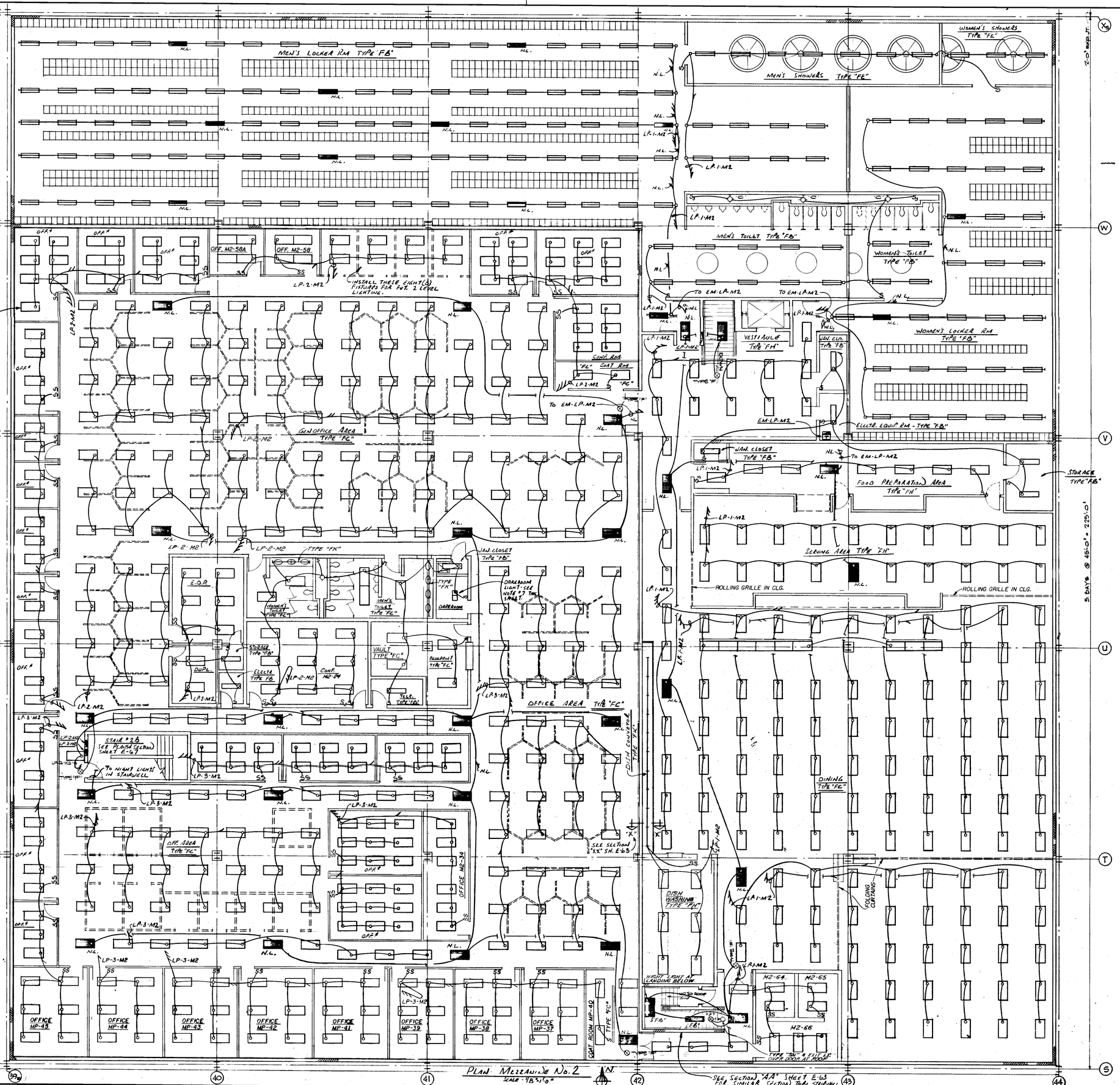
| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P. E. & C. PROJECT NUMBER |
| DATE 3-23-77 | E-63 |
| DRAWN BY M.N. | |
| JOB CAPT. T. JOHNSON J. KONKLE | SHEET NUMBER |

ARGO 118 REV. 12-69 K&E 17 0133 5-74 1790M

PROJECT NO. 4500 SHEET NO. E-64




DETAIL "A"
NO SCALE

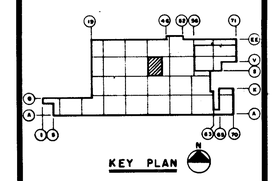



PLAN MEZZANINE No. 2
SCALE - 1/8" = 1'-0"

## NOTES

1. FOR PLOT PLAN DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET E-1.
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL LIGHTING FIXTURES THIS SHEET ARE TYPE "FD" UNLESS OTHERWISE NOTED.
4. SEE LIGHTING DETAIL SHEET E-7.6 FOR MOUNTING DETAILS.
5. COMBINATION NIGHT LIGHTS AND EMERGENCY LIGHTS THIS SHEET ARE CIRCUITED TO EM-LP-M2.
6. SEE DETAIL-SHEET E-6.3 FOR DISH CONVEYOR FIXTURE TYPE "FK" MOUNTING.
7. DARK ROOM LIGHT FIXTURE SHALL BE ALKO MFG. CO. CAT # SM-3P-205B-24 OR AS APPROVED WITH 200WATT & 15 WATT LAMPS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECHANICAL | | |
| 5-26-77 | ARCH REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EPO 400 | 1-25-79 | W.S. | | |
| EPO 309 | 1-25-78 | J.K. | | |
| EPO 301 | 1-25-78 | J.K. | | |
| EPO 247 | 2-15-78 | J.K. | | |
| BULL 139 | 2-6-78 | J.K. | | |
| BULL 135 | 12-4-77 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL #90 | 9-19-77 | T.J. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
440 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
GM ASSEMBLY DIVISION
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ENLARGED PLAN MEZZ. Nº 2 TOILETS, LOCKER RM'S, OFFICES & CAFETERIA

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

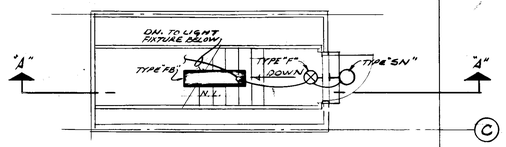
DATE 3-23-77

DRAWN BY M.N.

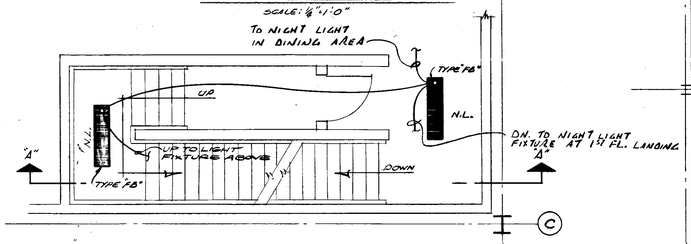
JOB CAPT. T. JOHNSON
J. KONKLE

E-64
SHEET NUMBER

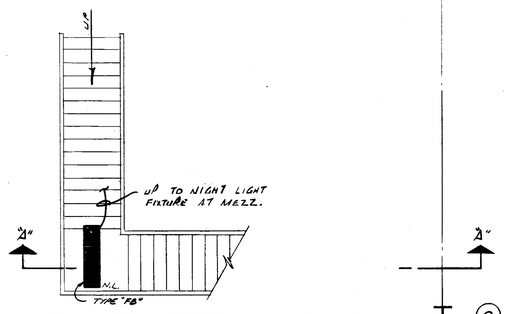
ARGO 118 REV. 12-69 K&E 17 0193 8-74 1790-



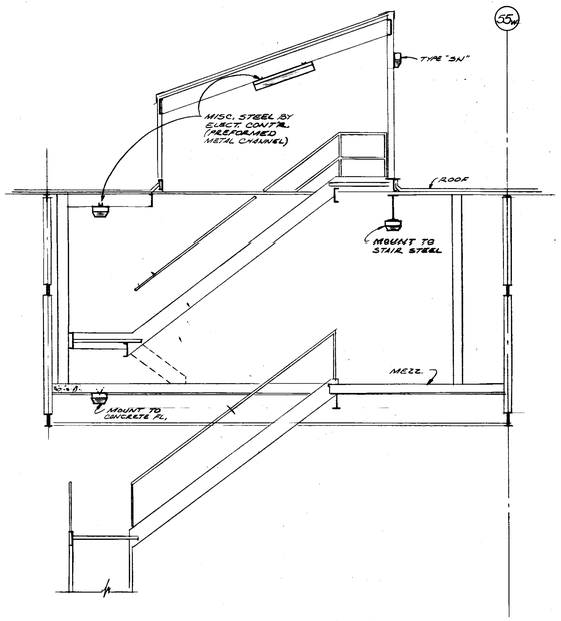

STAIR #3A AT MEZZ. #3
PLAN AT ROOF
SCALE: 1/4" = 1'-0"



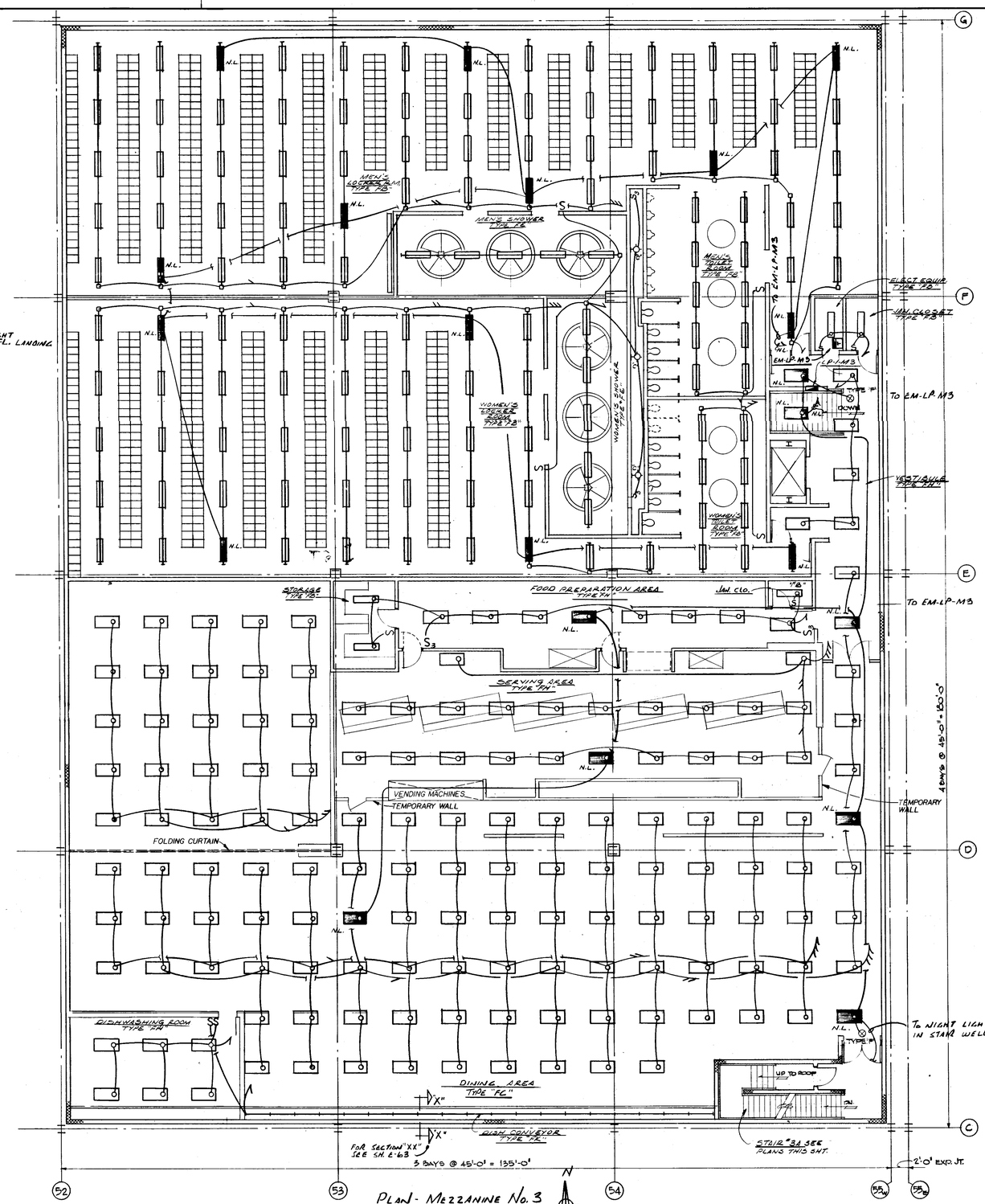

STAIR #3A AT MEZZ. #3
PLAN AT MEZZ. FLOOR
SCALE: 1/4" = 1'-0"




STAIR #3A AT MEZZ. #3
PLAN AT FIRST FLOOR
SCALE: 1/4" = 1'-0"




SECTION "A"-"A"
SCALE: 1/4" = 1'-0"

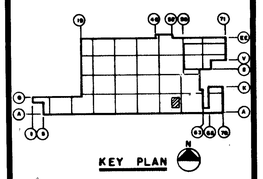



PLAN - MEZZANINE No. 3
SCALE: 1/8" = 1'-0"

NOTES

1. FOR PLOT PLAN DRAWING INDEX & LIGHTING FIXTURE SCHEDULES SEE SHEET E-1.
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL LIGHTING FIXTURES THIS SHEET ARE TYPE "FC" UNLESS OTHERWISE NOTED.
4. SEE LIGHTING DETAIL SHEET E-76 FOR LIGHTING FIXTURE MOUNTING DETAILS.
5. COMBINATION NIGHT LIGHTS AND EMERGENCY LIGHTS THIS SHEET CIRCUITED TO EM-LP-M3.
6. SEE DETAIL-SHEET E-63 FOR DISH CONVEYOR FIXTURE TYPE "FK" MOUNTING.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-26-77 | ARCH. REF. | | |
| 5-23-77 | PAINTING & FINISHING BID | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BPO 480 | 1-25-79 | WS | | |
| EFO 291 | 1-25-79 | JK | | |
| BULL 139 | 2-6-78 | JK | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL #96 | 9-19-77 | T.J. | | |
| BULL #71 | 8-10-77 | J.K. | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
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DRAWING CERTIFIED BY
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STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

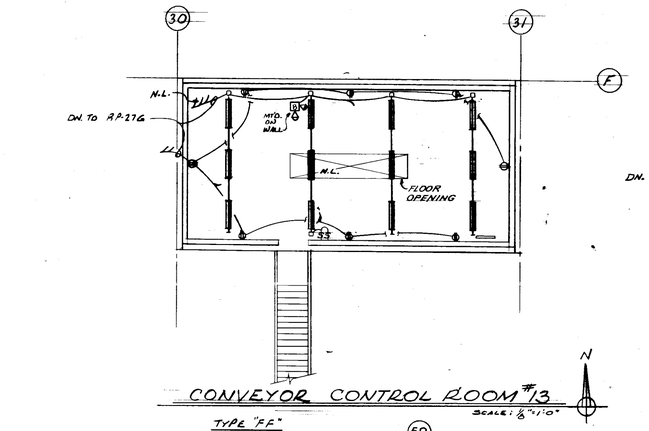
PROJECT TITLE

ENLARGED PLAN MEZZ.
Nº 3 TOILETS, LOCKER
ROOMS & CAFETERIA

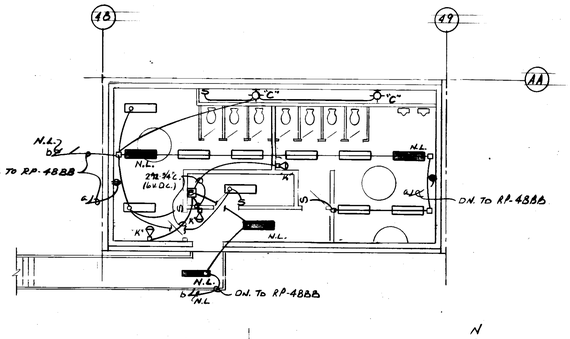
SHEET TITLE

OWNER'S IDENTIFICATION
P. E. & C. PROJECT NUMBER: 4500
DATE 3-23-77
DRAWN BY M.N.
JOB CAPT. T. JOHNSON J. KONKLE
SHEET NUMBER: E-65

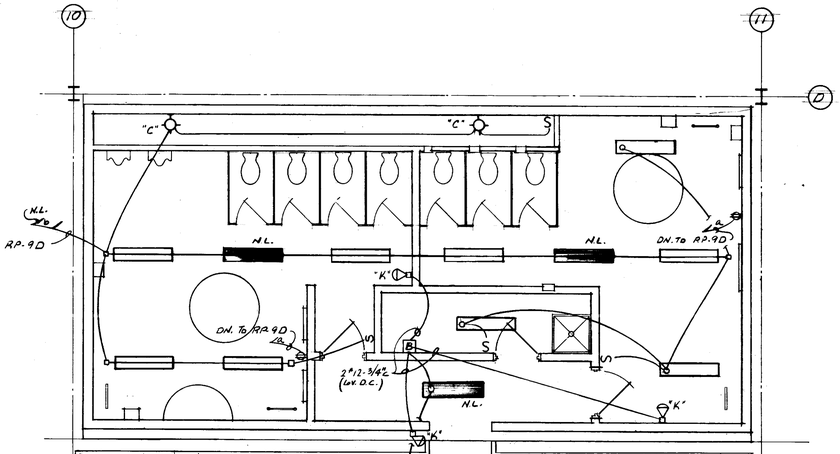
PROJECT NO. 4500 SHEET NO. E-66

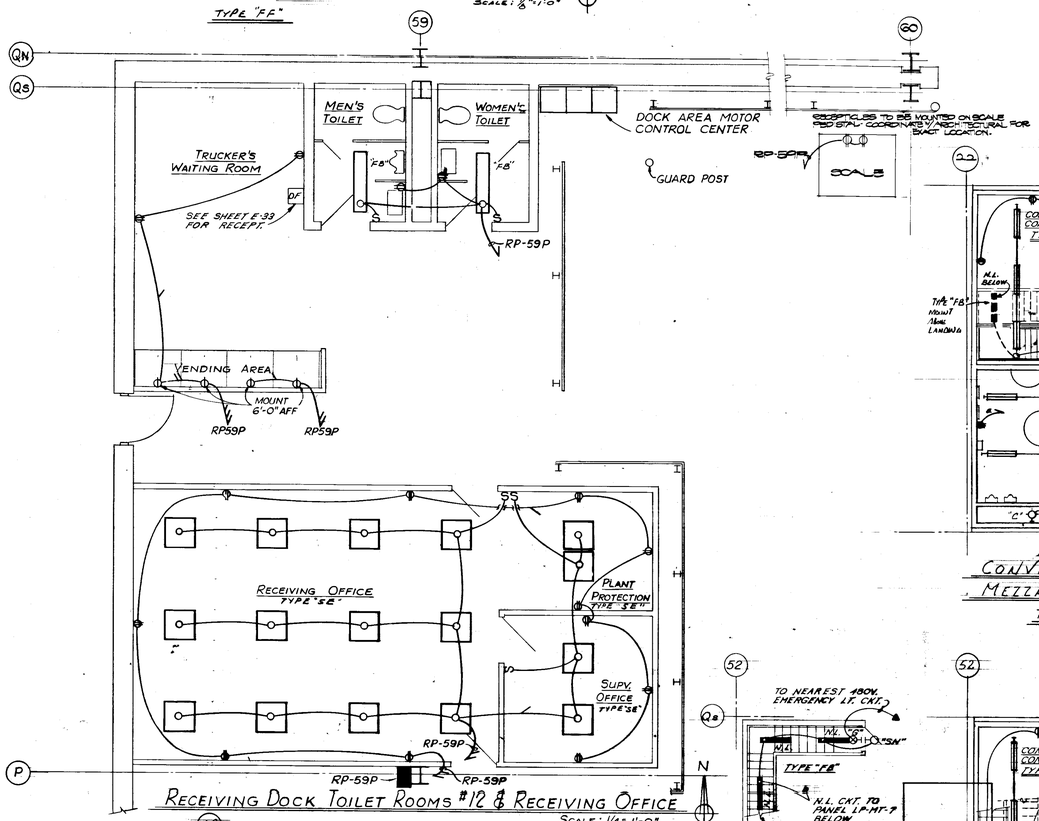



CONVEYOR CONTROL ROOM #13
TYPE "FF"
SCALE: 1/8" = 1'-0"

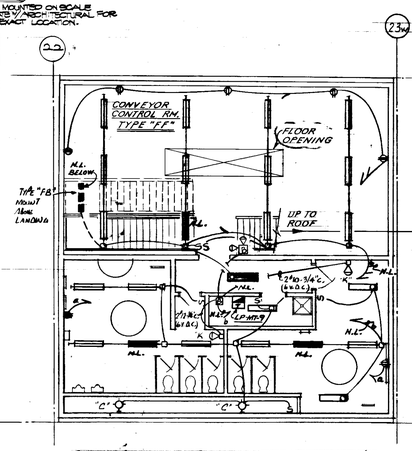



MEZZANINE TOILET ROOM #10
TYPE "FB"
SCALE: 1/8" = 1'-0"

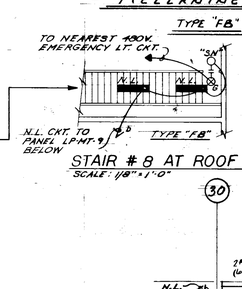



RECEIVING DOCK TOILET ROOMS #12 & RECEIVING OFFICE
SCALE: 1/4" = 1'-0"

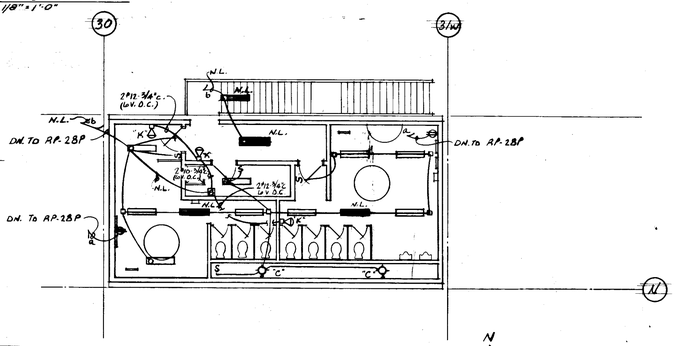



CONVEYOR CONTROL ROOM & MEZZANINE TOILET ROOM #9
TYPE "FB"
SCALE: 1/8" = 1'-0"

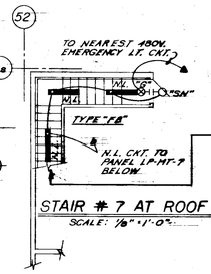



STAIR #8 AT ROOF
SCALE: 1/8" = 1'-0"

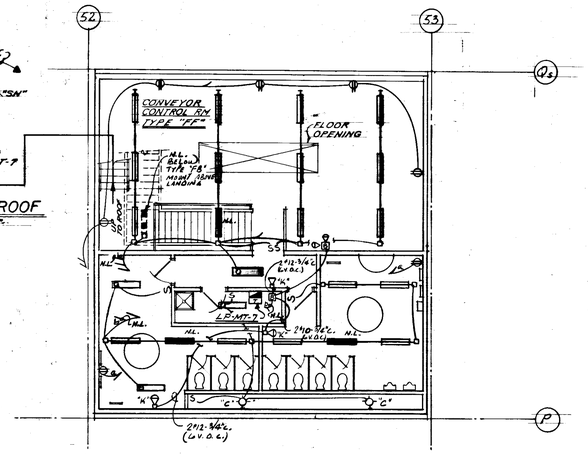
MEZZANINE TOILET ROOM #4
TYPE "FB"
SCALE: 1/4" = 1'-0"



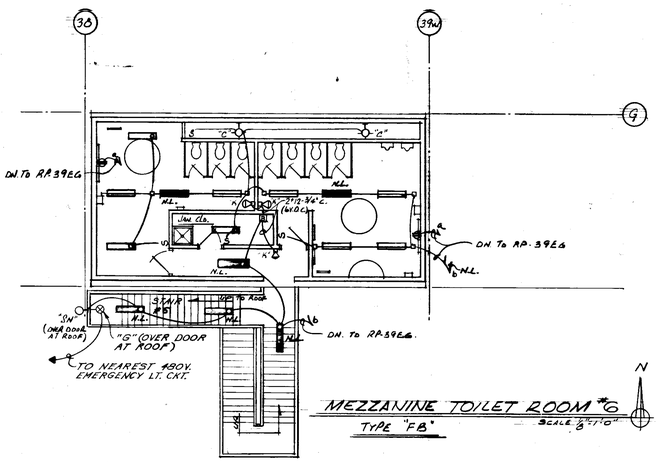

MEZZANINE TOILET ROOM #5
TYPE "FB"
SCALE: 1/8" = 1'-0"



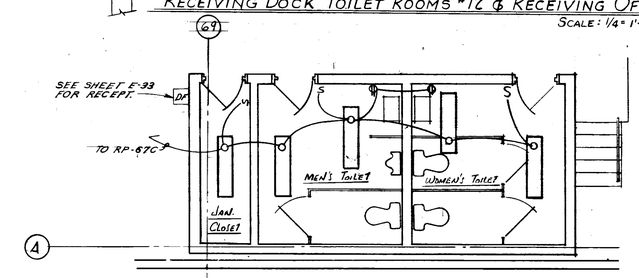

STAIR #7 AT ROOF
SCALE: 1/8" = 1'-0"




CONVEYOR CONTROL ROOM & MEZZANINE TOILET ROOM #7
TYPE "FB"
SCALE: 1/8" = 1'-0"




MEZZANINE TOILET ROOM #6
TYPE "FB"
SCALE: 1/8" = 1'-0"




STORAGE BLDG. TOILET ROOM #11
TYPE "FB"
SCALE: 1/8" = 1'-0"

NOTES

1. FOR PLOT PLAN, DRAWING INDEX, & LIGHTING FIXTURE SCHEDULE SEE SHEET E-1.
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3
3. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "FB" UNLESS OTHERWISE NOTED.
4. EMERGENCY BATTERY LIGHTING UNITS ON SAME CIRCUIT WITH NIGHT LIGHTS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-26-77 | ARCH. REF. | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO469 | 12-19-76 | J.K. | | |
| EFO197 | 12-20-77 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL 92 | 8-8-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ENLARGED PLANS
MEZZANINE TOILETS
& LOCKERS & CONVEYOR
CONTROL ROOMS

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

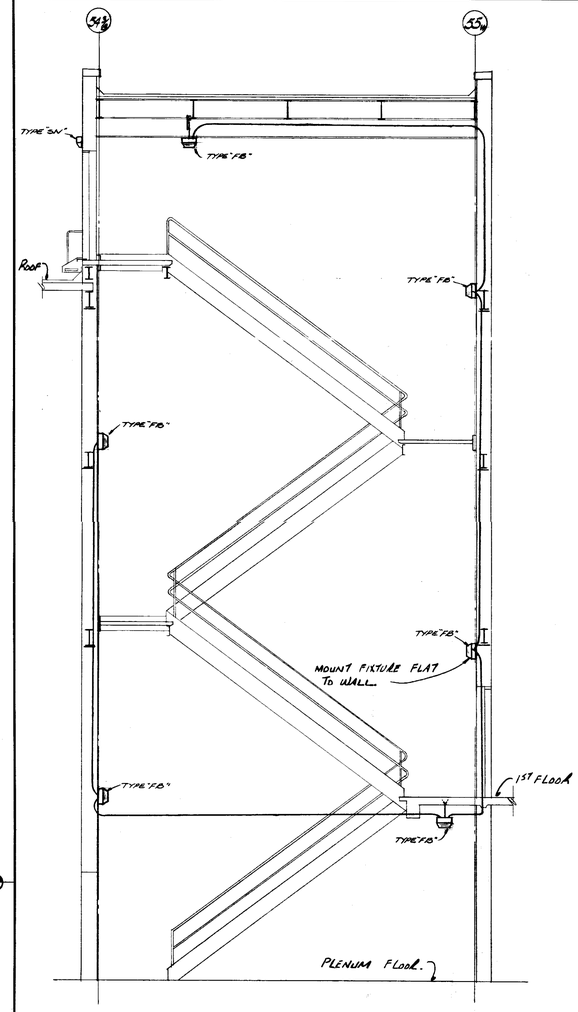
DATE 3-23-77

DRAWN BY M.M.

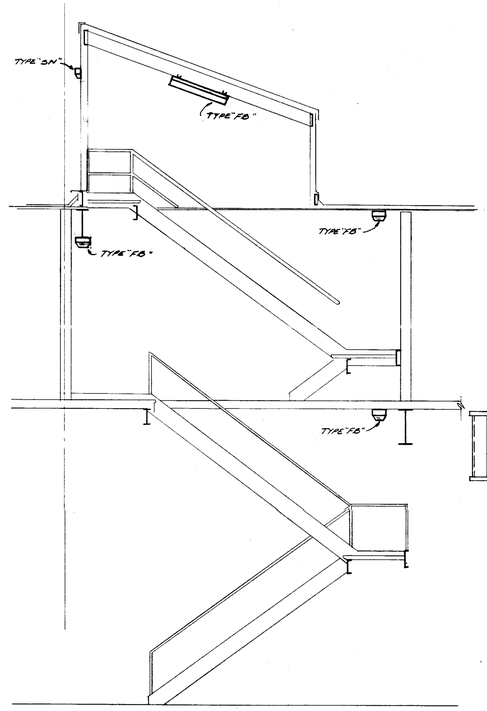
JOB CAPT. T. JOHNSON, J. KONKLE

SHEET NUMBER: E-66

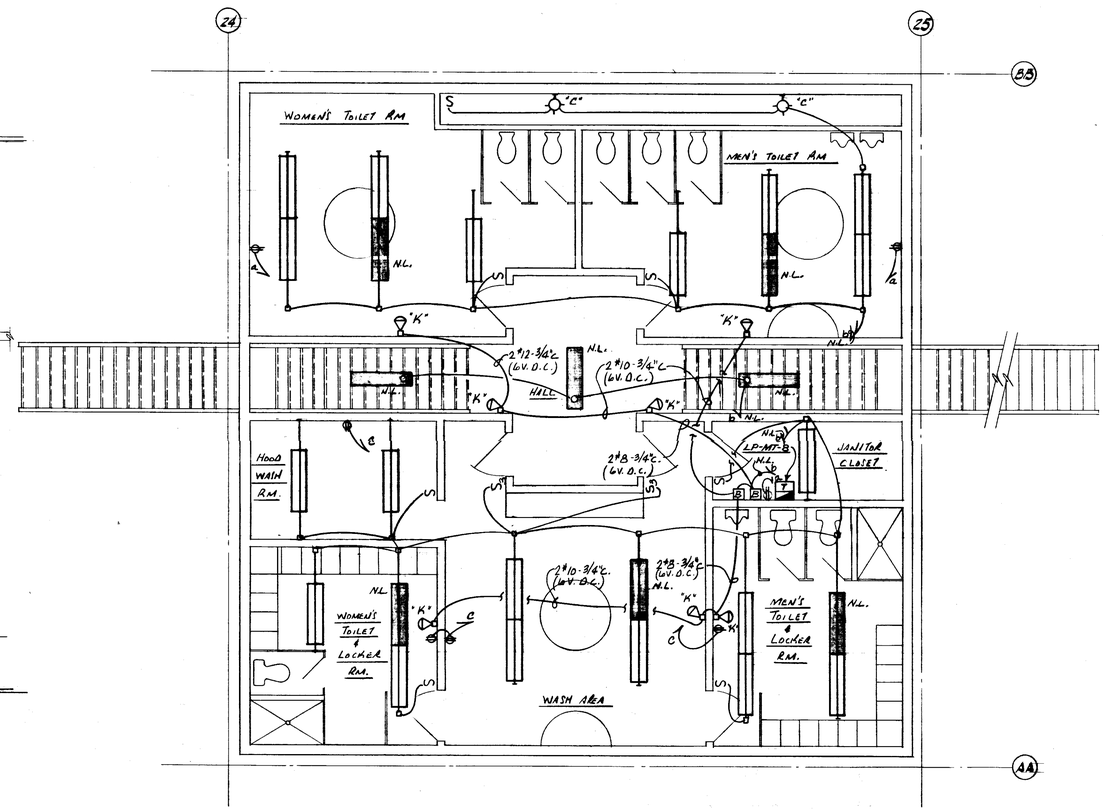
ARGO 118 REV. 12-69 K&E 17 0193 2-74 1799-



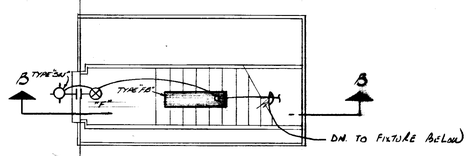

SECTION "A"-"A" (STAIR #1)
SCALE: ¼"=1'-0"



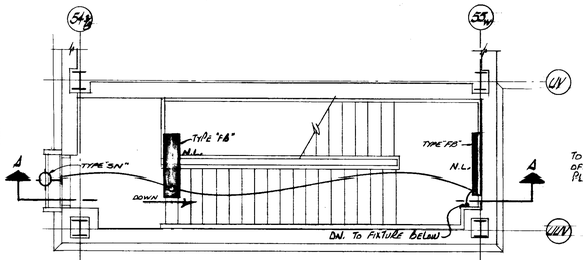

SECTION "B"-"B" (STAIR #2B)
SCALE: ¼"=1'-0"



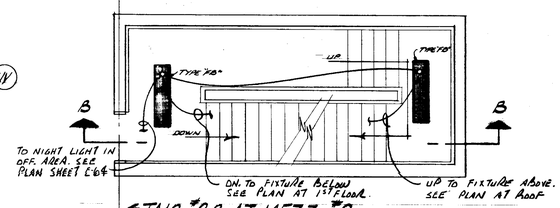

MEZZANINE TOILET ROOM #3
SCALE: ¼"=1'-0"



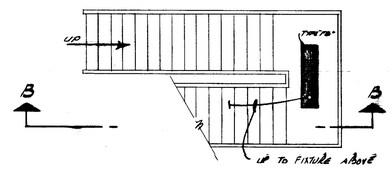

STAIR #2B AT MEZZ. #2
PLAN AT ROOF
SCALE: ¼"=1'-0"



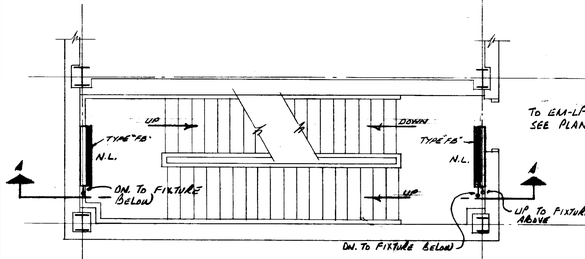

STAIR #11 AT ROOF
SCALE: ¼"=1'-0"



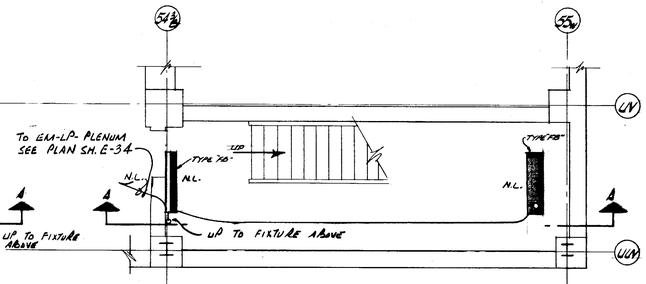

STAIR #2B AT MEZZ. #2
PLAN AT MEZZ. FL.
SCALE: ¼"=1'-0"



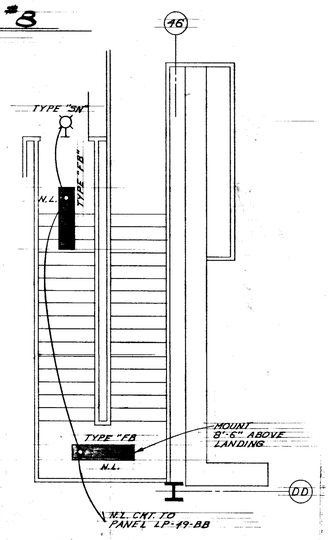

STAIR #2B AT MEZZ. #2
PLAN AT FIRST FL.
SCALE: ¼"=1'-0"




STAIR #11 AT FIRST FL.
SCALE: ¼"=1'-0"




STAIR #11 AT PLENUM
SCALE: ¼"=1'-0"

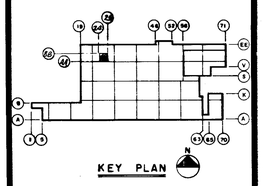



STAIR # 28 AT
CARRIER REPAIR MEZZANINE
SCALE: 1/4"=1'-0"

## Notes

1. FOR PLOT PLAN, DRAWING INDEX, & LIGHTING FIXTURE SCHEDULE SEE SHEET E-1
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "FB" UNLESS OTHERWISE INDICATED.
4. SEE LIGHTING DETAIL SHEET E-7a FOR FIXTURE MOUNTING DETAILS.
5. SEE SHEET E-77 FOR CLAMPING DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-18-77 | BULL. # 20 | | |
| 5-26-77 | ARCH. REF. | | |
| 5-27-77 | PAINTING & PLUMBING REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 20 | 11-15-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
440 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ENLARGED PLAN MEZZ. TOILET & LOCKER ROOM Nº 8 & MISC. PLANT OFFICES LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

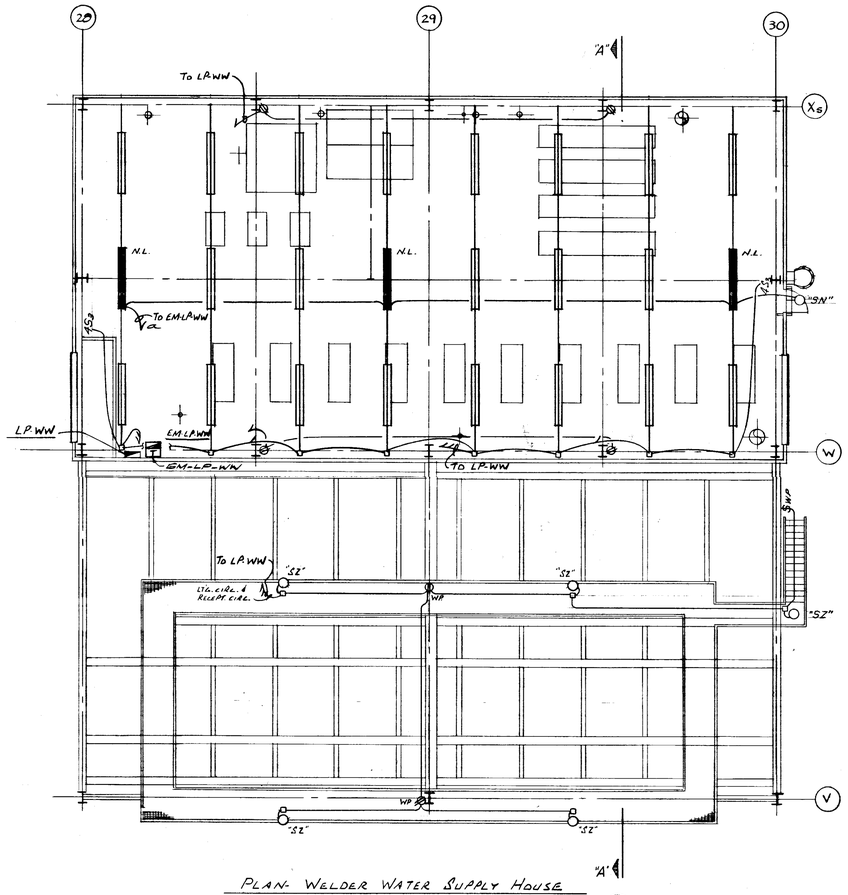
4500
P. E. & C. PROJECT NUMBER

DATE 5-18-77

DRAWN BY B.S.

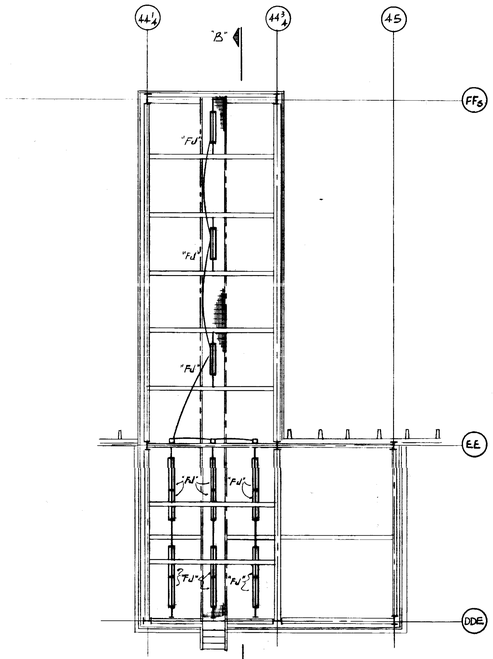
T. JOHNSON
JOB CAPT. J KONKLE

E-67
SHEET NUMBER




PLAN- WELDER WATER SUPPLY HOUSE AND COOLING TOWER PLATFORM

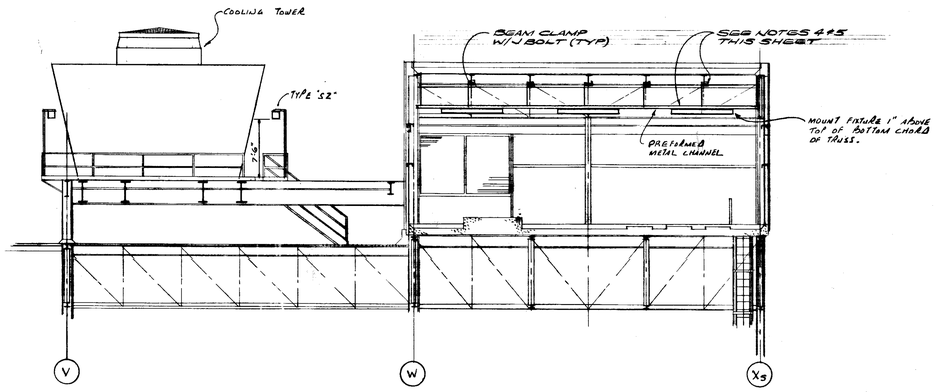
SCALE- 1/8"=1'-0"




NOTE
FOR 120V. FEED TO UTILITY TRESTLE LIGHT FIXTURES REFER TO JOB #4680.

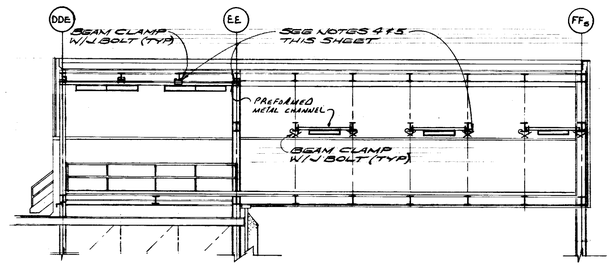
UTILITY TRESTLE

SCALE- 1/8"=1'-0"




SECTION "A-A"

SCALE- 1/8"=1'-0"



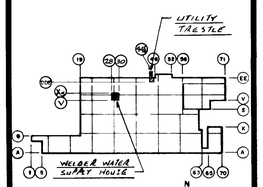

SECTION "B-B"

SCALE- 1/8"=1'-0"

NOTES

1. FOR PLOT PLAN DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHEET E-1
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE "FA" UNLESS OTHERWISE NOTED.
4. SEE SHEET E-77 FOR CLAMPING DETAILS.
5. FOR LIGHTING FIXTURE MOUNTING DETAILS SEE SHEET E-76.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | G.C. Nowak | |
| 3-23-77 | PRIME MECH. REF. | | |
| 5-21-77 | PAINTING & FINISHING PART | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #87 | 8-25-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #53 | 6-21-77 | J.K. | REF | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN
REAL ESTATE & CONSTRUCTION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN WELDER WATER SUPPLY HOUSE COOLING TOWER & UTILITY TRESTLE LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

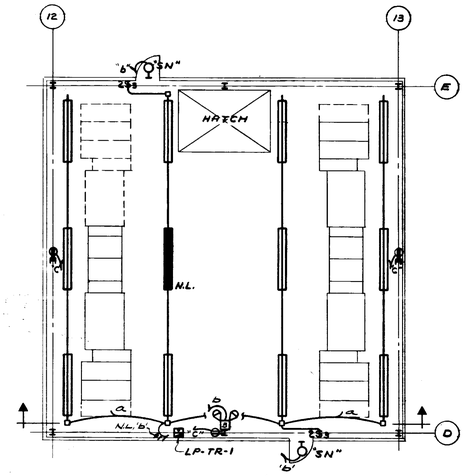
4500
P. E. & C. PROJECT NUMBER

DATE 3-23-77

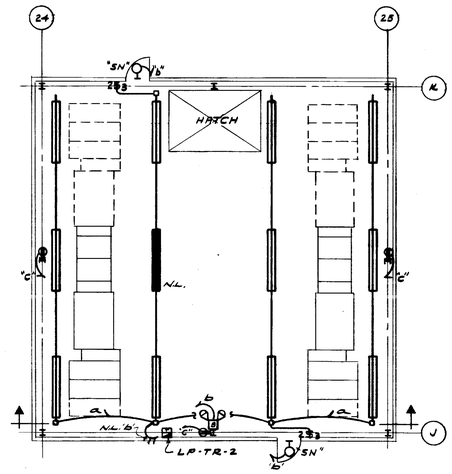
DRAWN BY M.K.

JOB CAPT. T. JOHNSON J. KONKLE

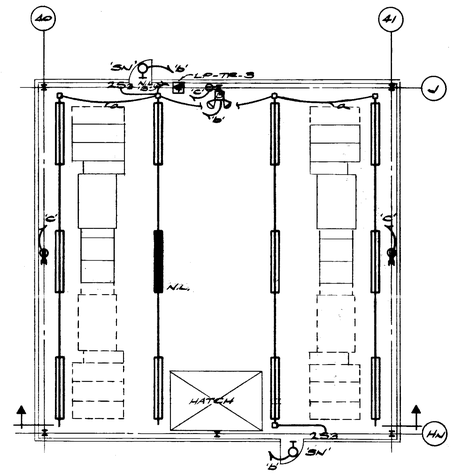
E-68
SHEET NUMBER



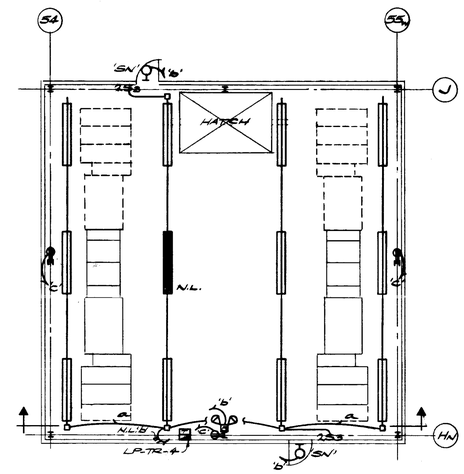

TRANSFORMER ROOM #1 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"



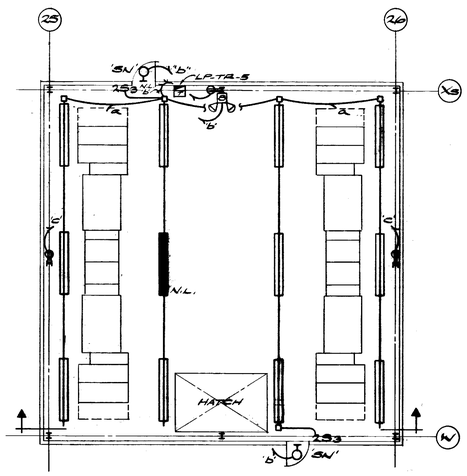

TRANSFORMER ROOM #2 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"



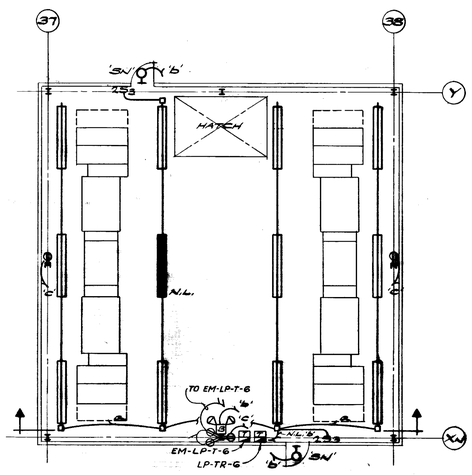

TRANSFORMER ROOM #3 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"



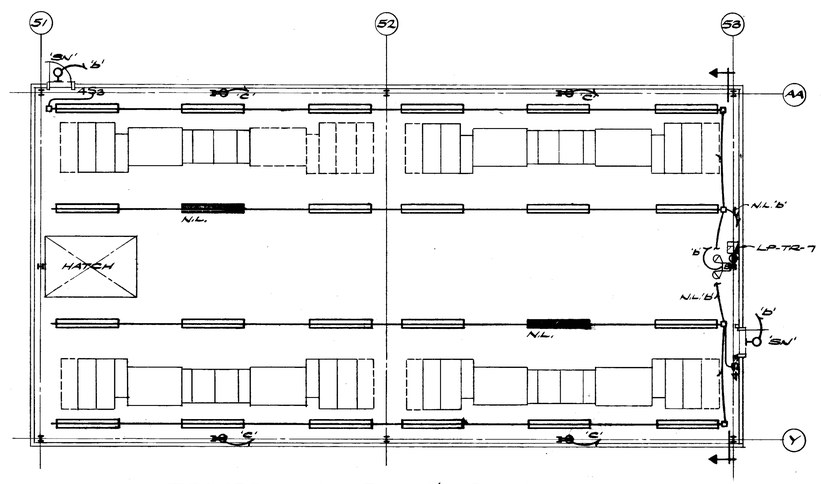

TRANSFORMER ROOM #4 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"



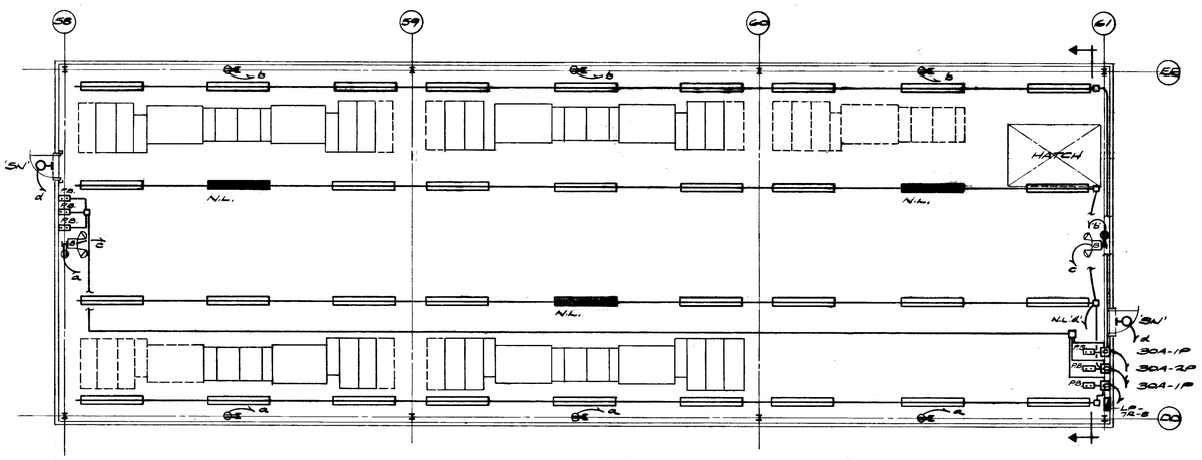

TRANSFORMER ROOM #5 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"



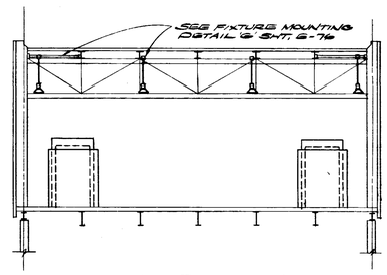

TRANSFORMER ROOM #6 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"




TRANSFORMER ROOM #7 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"

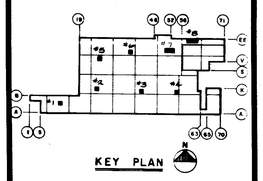



TRANSFORMER ROOM #8 PLAN-120V. LIGHTING & POWER
SCALE: 1/8"=1'-0"




TYPICAL SECTION THRU TRANSFORMER ROOM
SCALE: 1/8"=1'-0"

NOTES:
1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULE SEE SHT. E-1
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHT. E-2.
3. ALL LIGHTING FIXTURES THIS SHEET SHALL BE TYPE 'FA' UNLESS OTHERWISE NOTED
4. FOR 480V. POWER PLANS OF TRANSFORMER ROOM 1 THRU 8 SEE DWGS # E-13 THRU E-22



KEY PLAN

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT & HV | | |
| 8-23-77 | PRIME MECH. & EP | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 360 | 7-5-78 | TJ | | |
| BULL #46 | 2-22-78 | JK | | |
| BULL 61 | 7-7-77 | JK | | |
| BULL #20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARCON
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
440 WEST WISCONSIN AVENUE & DETROIT, MICHIGAN

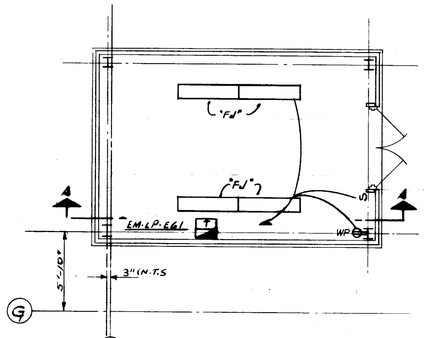
NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

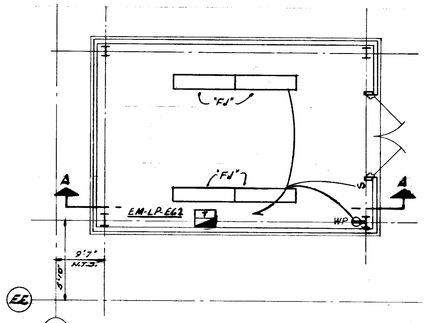
ENLARGED PLANS
TRANSFORMER ROOMS
LIGHTING

SHEET TITLE

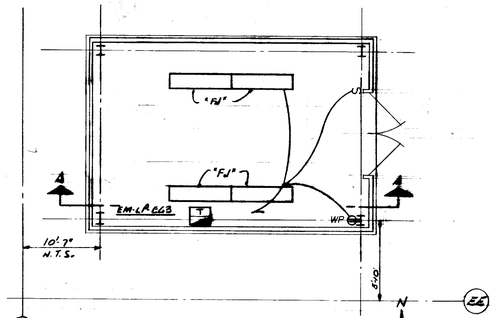
OWNER'S IDENTIFICATION
4500
P.E. & C. PROJECT NUMBER
DATE 3-23-77
DRAWN BY T.B.
JOB CAPT. T. JOHNSON J. KOWKLE
E-69
SHEET NUMBER



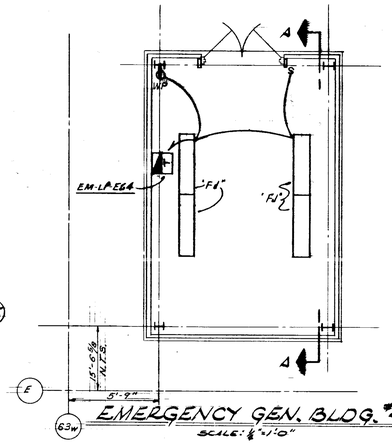

EMERGENCY GEN. BLDG. #1
SCALE: 1/8"=1'-0"



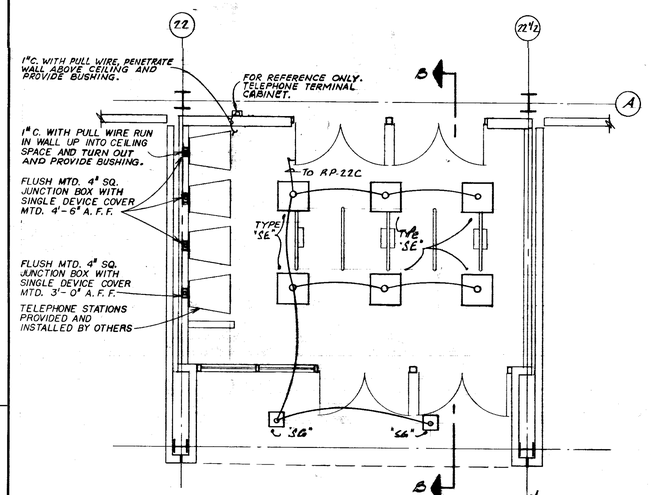

EMERGENCY GEN. BLDG. #2
SCALE: 1/8"=1'-0"



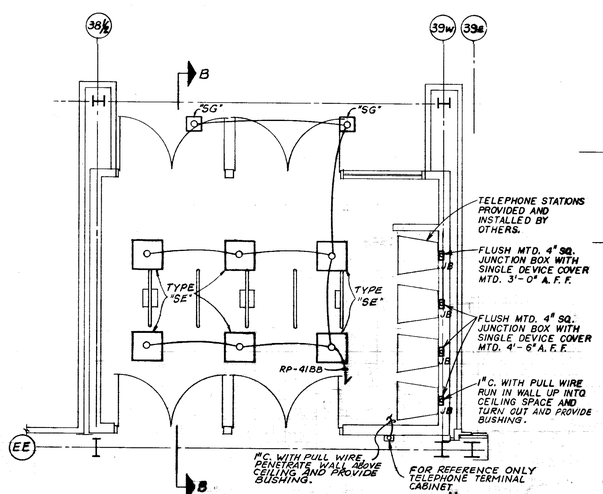

EMERGENCY GEN. BLDG. #3
SCALE: 1/8"=1'-0"



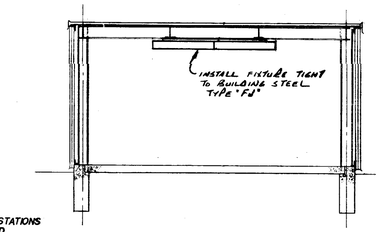

EMERGENCY GEN. BLDG. #4
SCALE: 1/8"=1'-0"



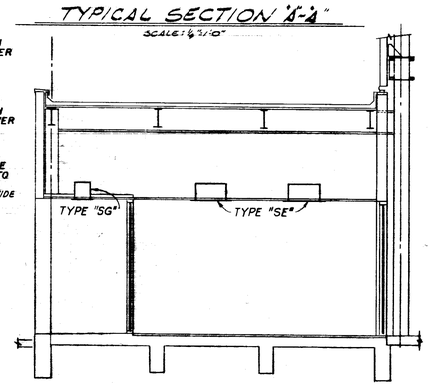

EMPLOYEE ENTRANCE #1
SCALE: 1/8"=1'-0"



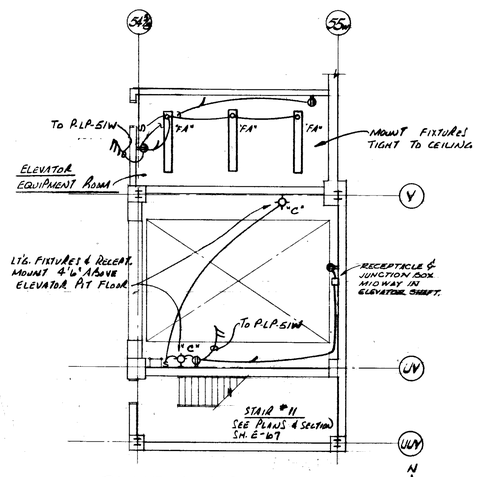

EMPLOYEE ENTRANCE #3
SCALE: 1/4"=1'-0"



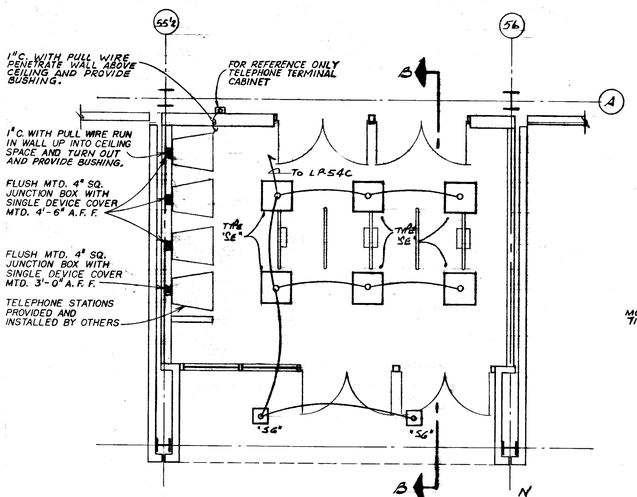

TYPICAL SECTION "A-A"
SCALE: 1/8"=1'-0"



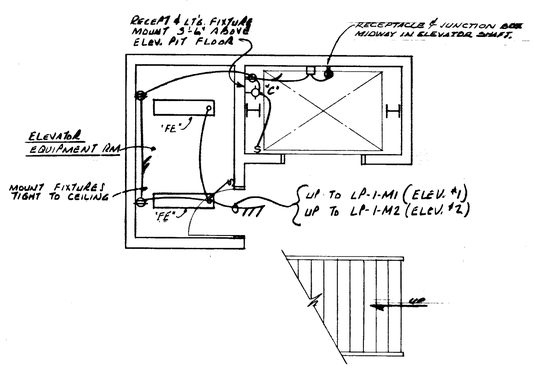

TYPICAL SECTION "B-B"
SCALE: 1/4"=1'-0"



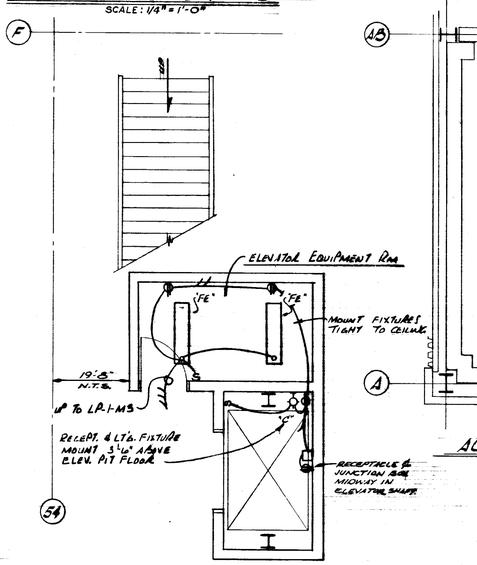

PAINT SHOP ELEVATOR
SCALE: 1/8"=1'-0"



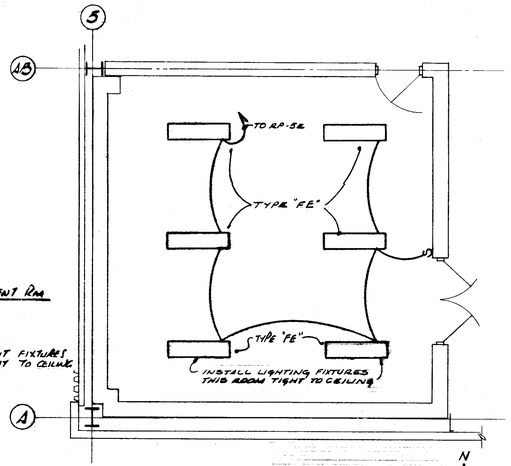

EMPLOYEE ENTRANCE #2
SCALE: 1/8"=1'-0"




FIRST FLOOR PLAN ~ ELEVATOR #1 & #2
SCALE: 1/8"=1'-0"
NOTE: ELEVATOR #2 OPPOSITE HAND.




FIRST FLOOR PLAN ~ ELEVATOR #3
SCALE: 1/8"=1'-0"




AUXILIARY FIRE PUMP ROOM
SCALE: 1/8"=1'-0"

NOTES

1. FOR PLOT PLAN, DRAWING INDEX & LIGHTING FIXTURE SCHEDULES SEE SHEET E-1.
2. FOR SYMBOL LIST & LIGHTING PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. ALL LIGHTING FIXTURES THIS SHEET ARE TYPE "FJ" UNLESS OTHERWISE NOTED.
4. SEE LIGHTING DETAIL SHEET E-76 FOR FIXTURE MOUNTING DETAILS.
5. SEE CLAMPING DETAIL SHEET E-77 FOR SECURING FIXTURES. TO BUILDING STEEL.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | J.C. Stark | |
| 5-27-77 | PAINTING & FINISHING REF | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 432R1 | 12-14-78 | W.S. | | |
| EFO 432 | 10-9-78 | T.J. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| EFO 280 | 3-6-78 | T.D.J. | | |
| EFO 197 | 12-20-77 | J.K. | | |
| BULL #12 | 8-2-77 | J.K. | | |
| BULL #1 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN EMERGENCY GEN. BUILDINGS & EMPLOYEE ENTRANCES LIGHTING

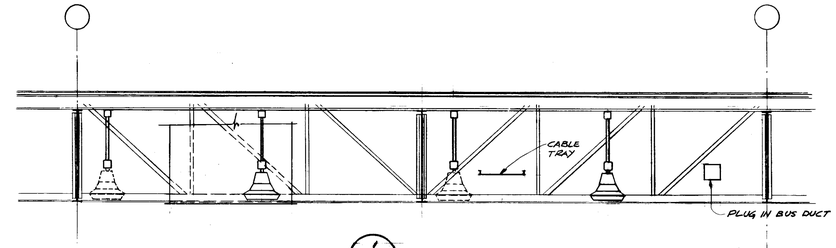
SHEET TITLE

OWNER'S IDENTIFICATION
DATE 5-18-77
DRAWN BY T.T.
JOB CAPT. T. JOHNSON J. HONKLE

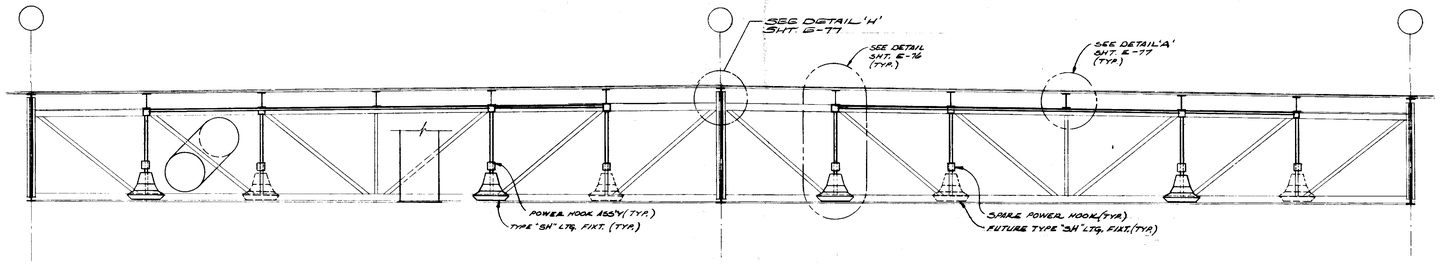
4500
P.E.&C. PROJECT NUMBER

E-70
SHEET NUMBER

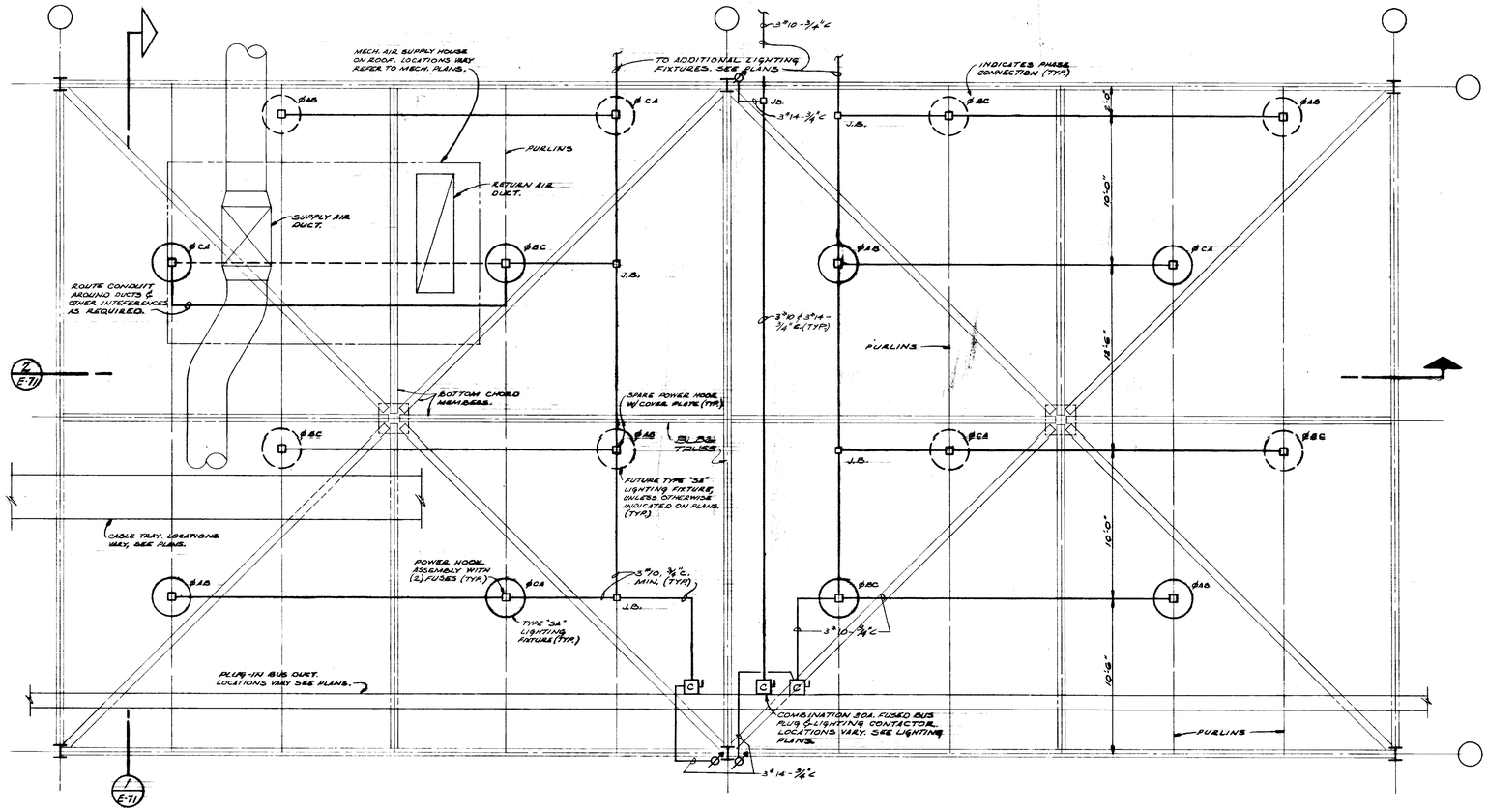
PROJECT NO. 4500 SHEET NO. E-71




1/E-71
SCALE: 1/4"=1'-0"

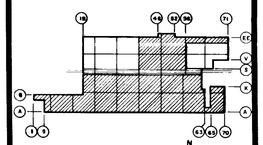



2/E-71
SCALE: 1/4"=1'-0"




TYPICAL LIGHTING PLAN
SCALE: 1/4"=1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 4-18-77 | FIRE PROT. REF. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONE DIVISION OF KAISER

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

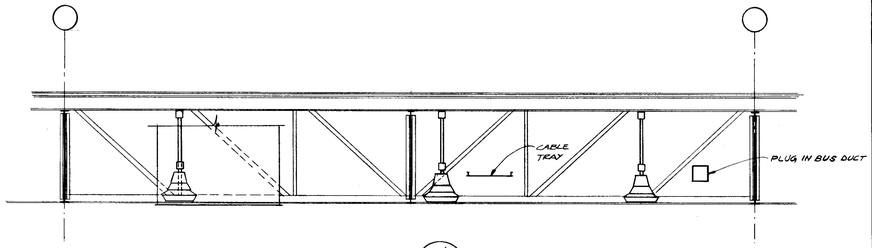
PROJECT TITLE

ENLARGED PLAN & SECTION
TYPICAL LIGHTING PATTERN
CHASSIS, TRIM & FINAL PROCESS

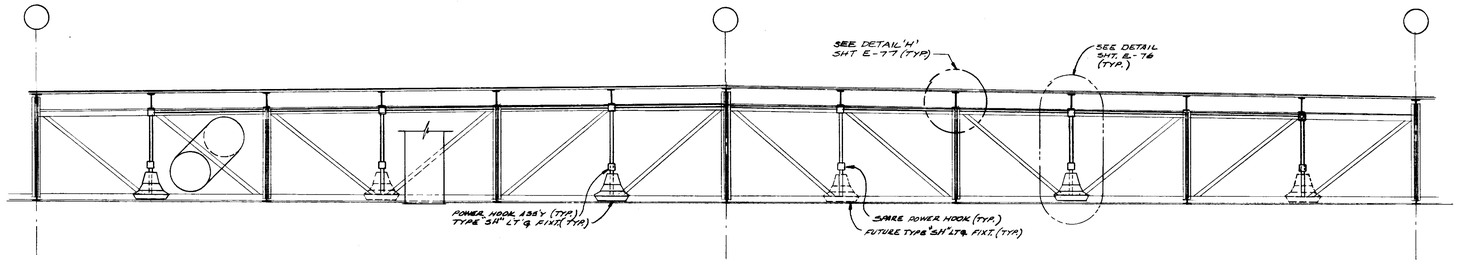
SHEET TITLE

OWNER'S IDENTIFICATION
P. E. & C. PROJECT NUMBER: 4500
DATE 3-23-77
DRAWN BY M.W.
JOB CAPT. T. JOHNSON, J. KONKLE
SHEET NUMBER: E-71

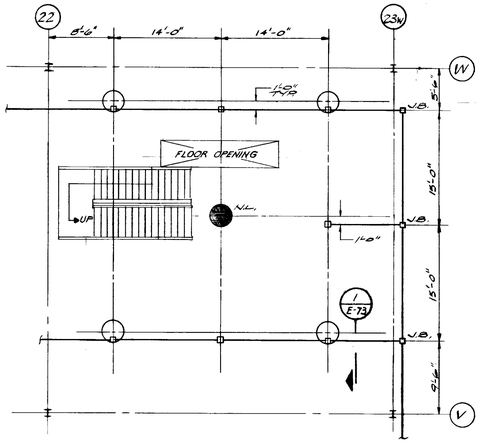
ARGO 118 REV. 12-69 KAE 17 0133 5-74 1790M



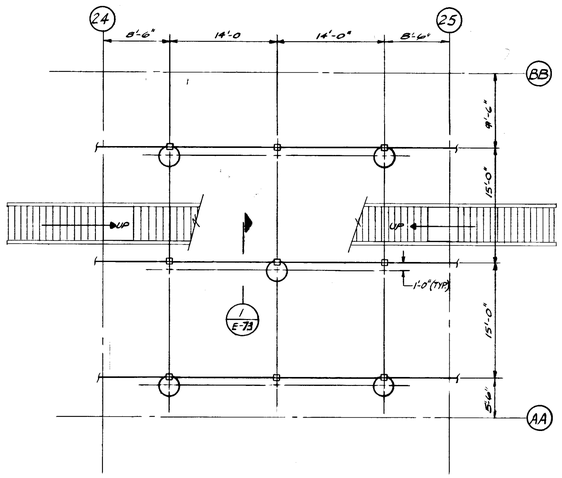

1/E-72
SCALE: 1/8"=1'-0"



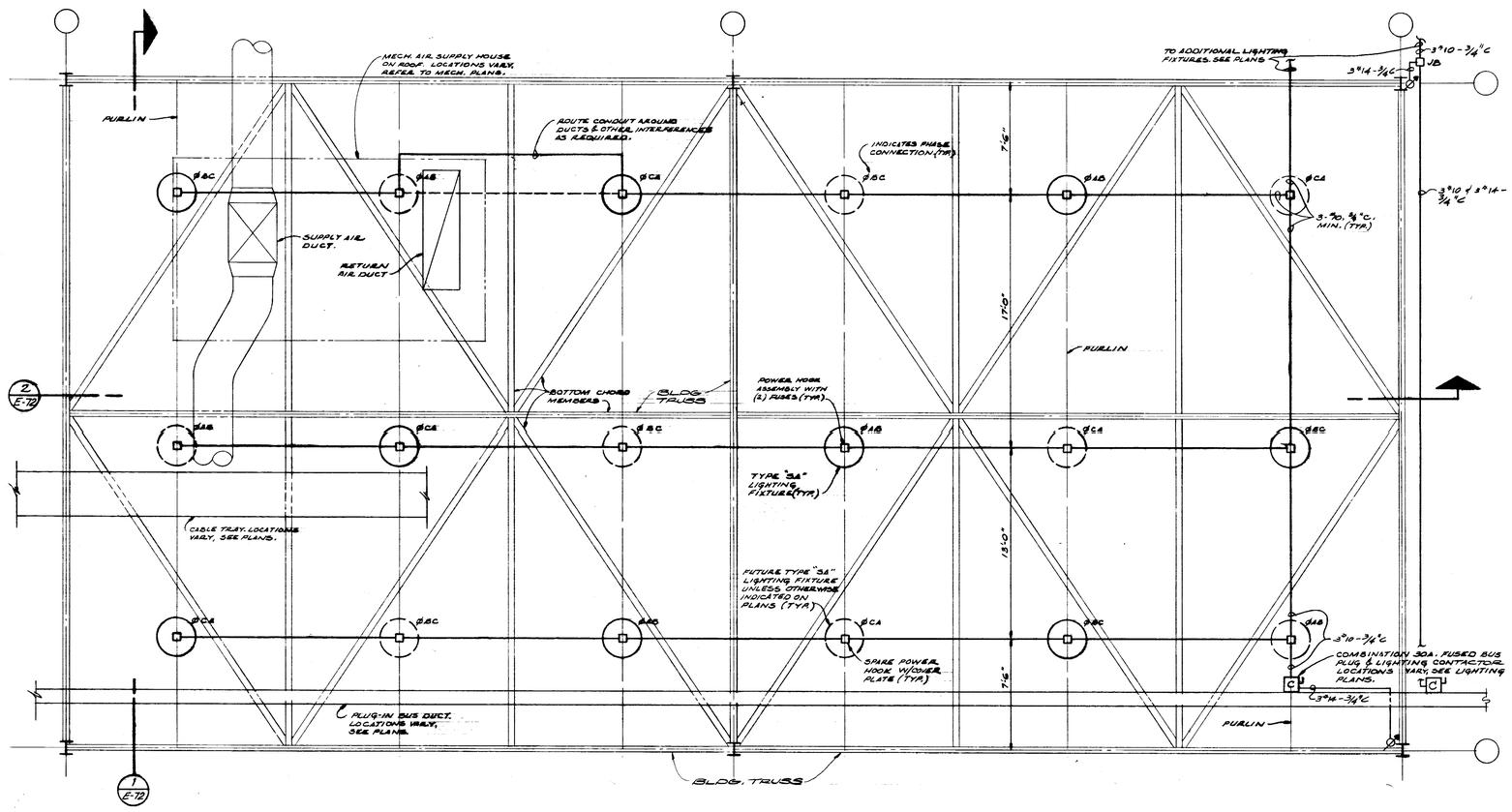

2/E-72
SCALE: 1/8"=1'-0"




DETAIL "A" TOILET RM #9
DWG. E-55 - 1/8" = 1'-0"

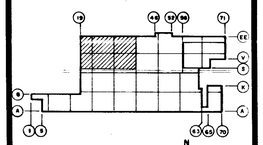



DETAIL "B" TOILET RM #8
DWG. E-55 - 1/8" = 1'-0"




TYPICAL LIGHTING PLAN
SCALE: 1/4"=1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. IN-D | | |
| 3-23-77 | PRIME MECH. REF. | | |
| 4-18-77 | FIRE PROT. REF. | | |
| 5-21-77 | PAINTING & FINISHING REF | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
[redacted]

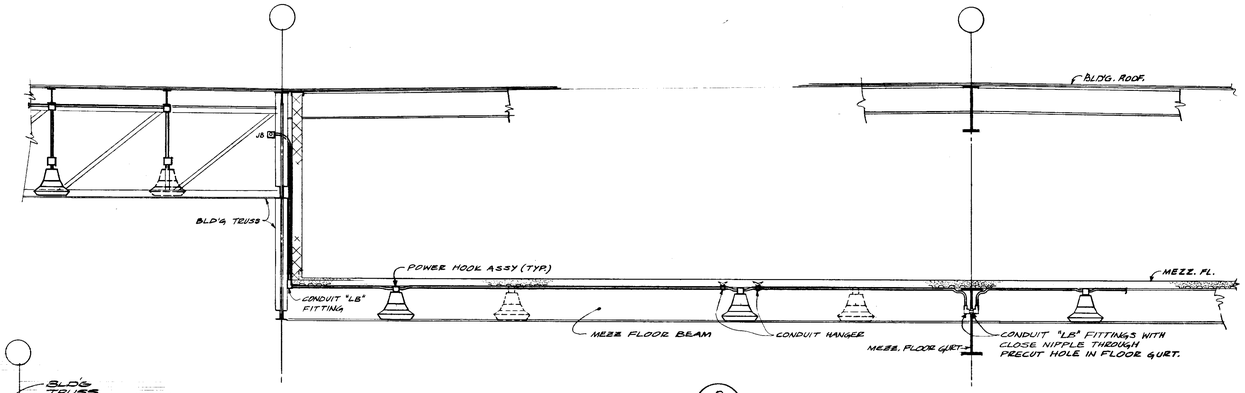
NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

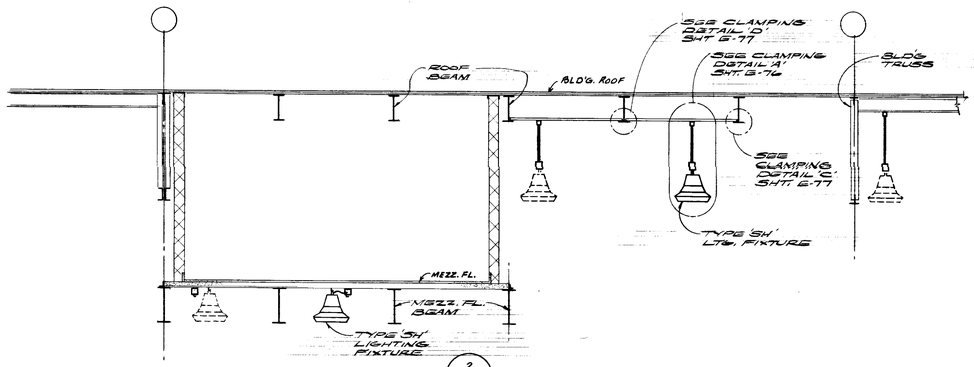
ENLARGED PLAN & SECTION
TYPICAL LIGHTING PATTERN
BODY SHOP

SHEET TITLE

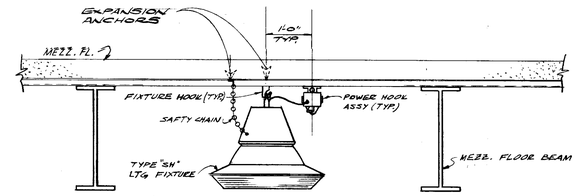
OWNER'S IDENTIFICATION
P. E. & C. PROJECT NUMBER: 4500
DATE 3-23-77
DRAWN BY M.N.
JOB CAPT. T. JOHNSON, U. KONKLE
SHEET NUMBER: E-72



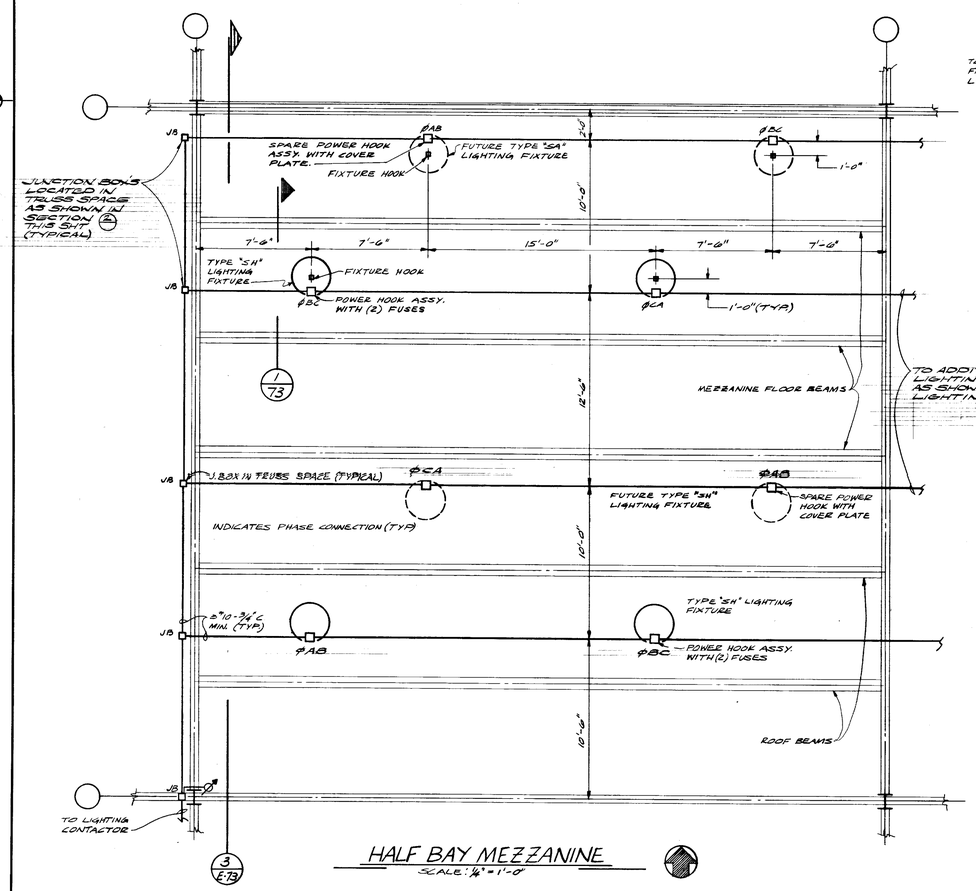

2 / E-73
SCALE: 1/4"=1'-0"




3 / E-73
SCALE: 1/4"=1'-0"

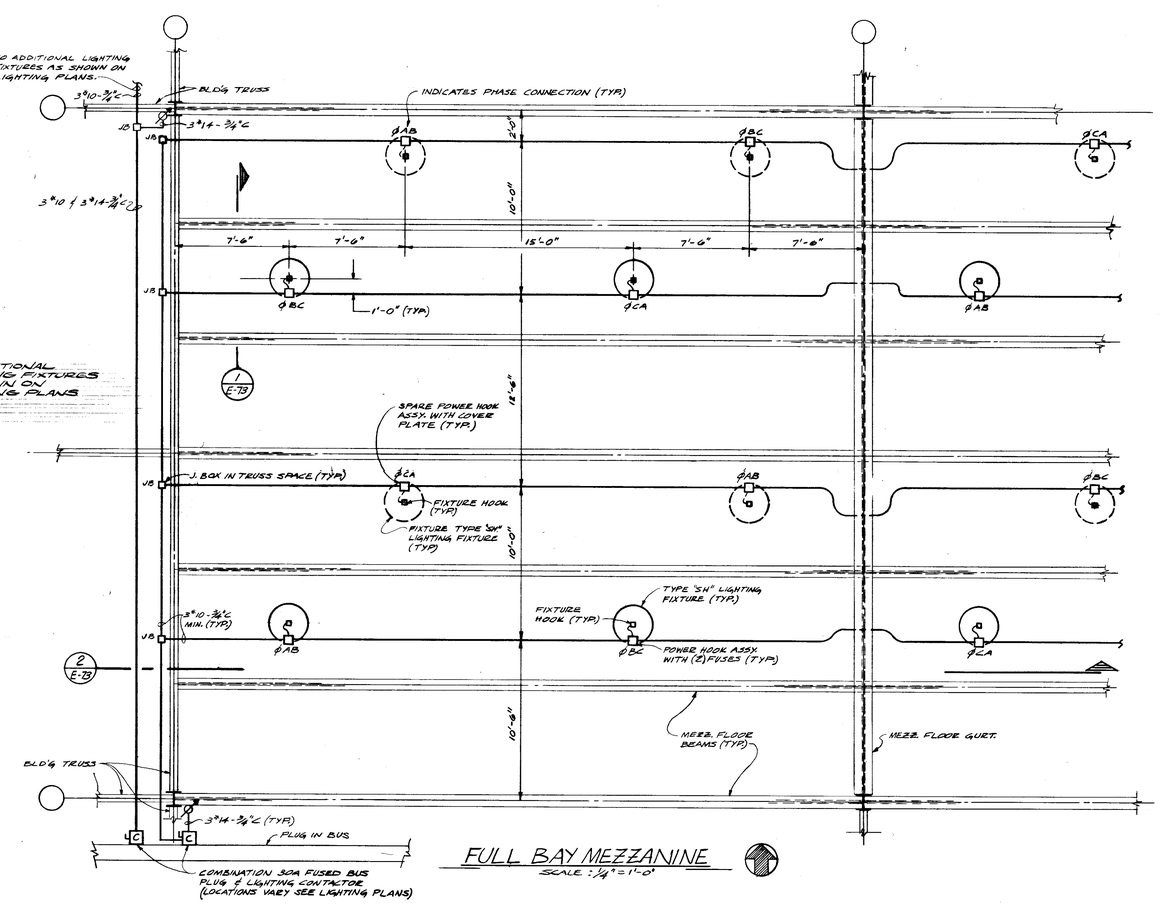



1 / E-73
SCALE: 3/4"=1'-0"



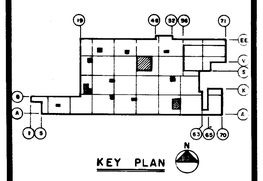

3 / E-73

## HALF BAY MEZZANINE
SCALE: 1/4"=1'-0"




## FULL BAY MEZZANINE
SCALE: 1/4"=1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-18-77 | FIRE PROT. REF. | | |
| 5-18-77 | BULL #20 | | |
| 5-27-77 | PAINTING & FINISHING REF. | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
1400 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

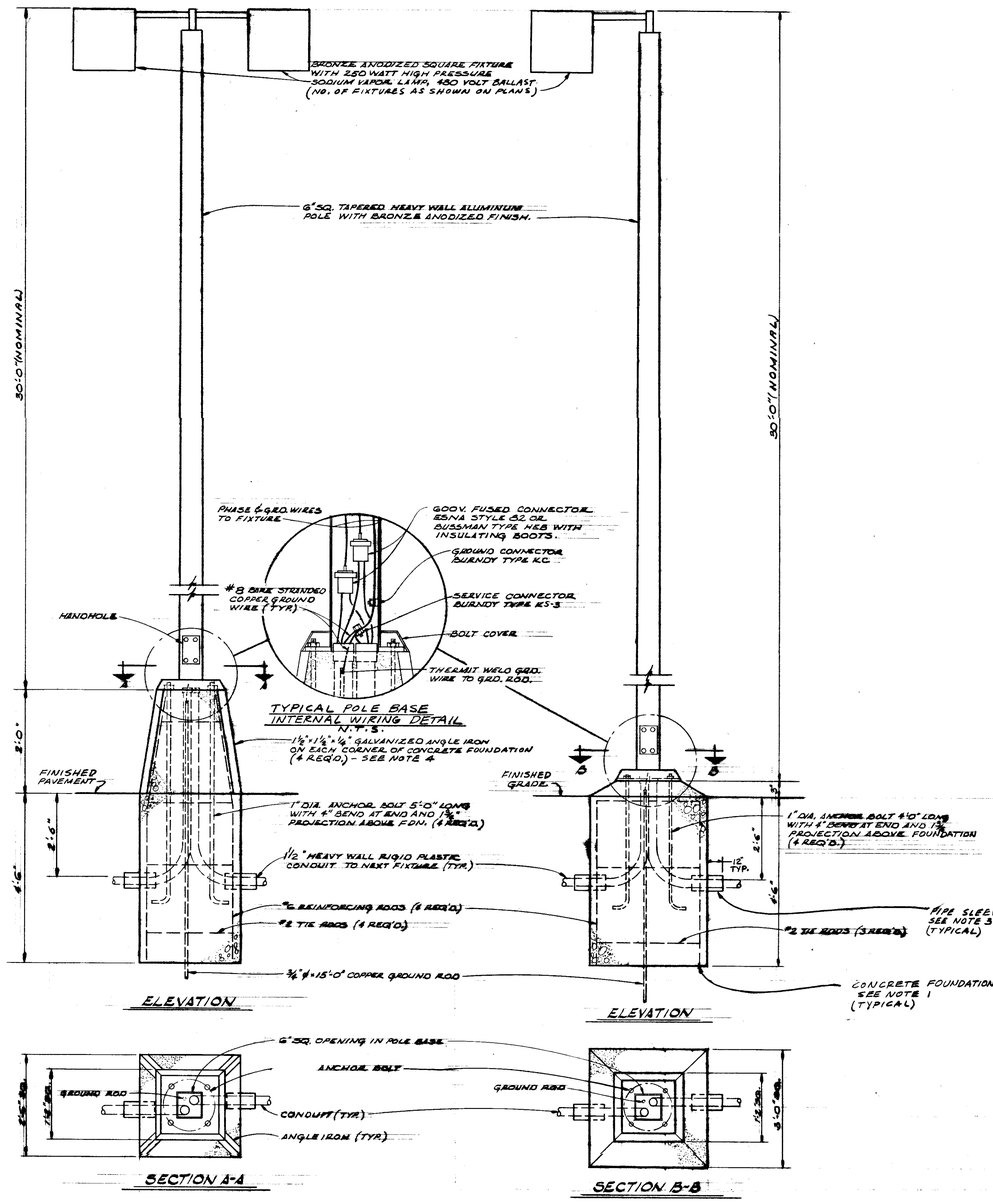
NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

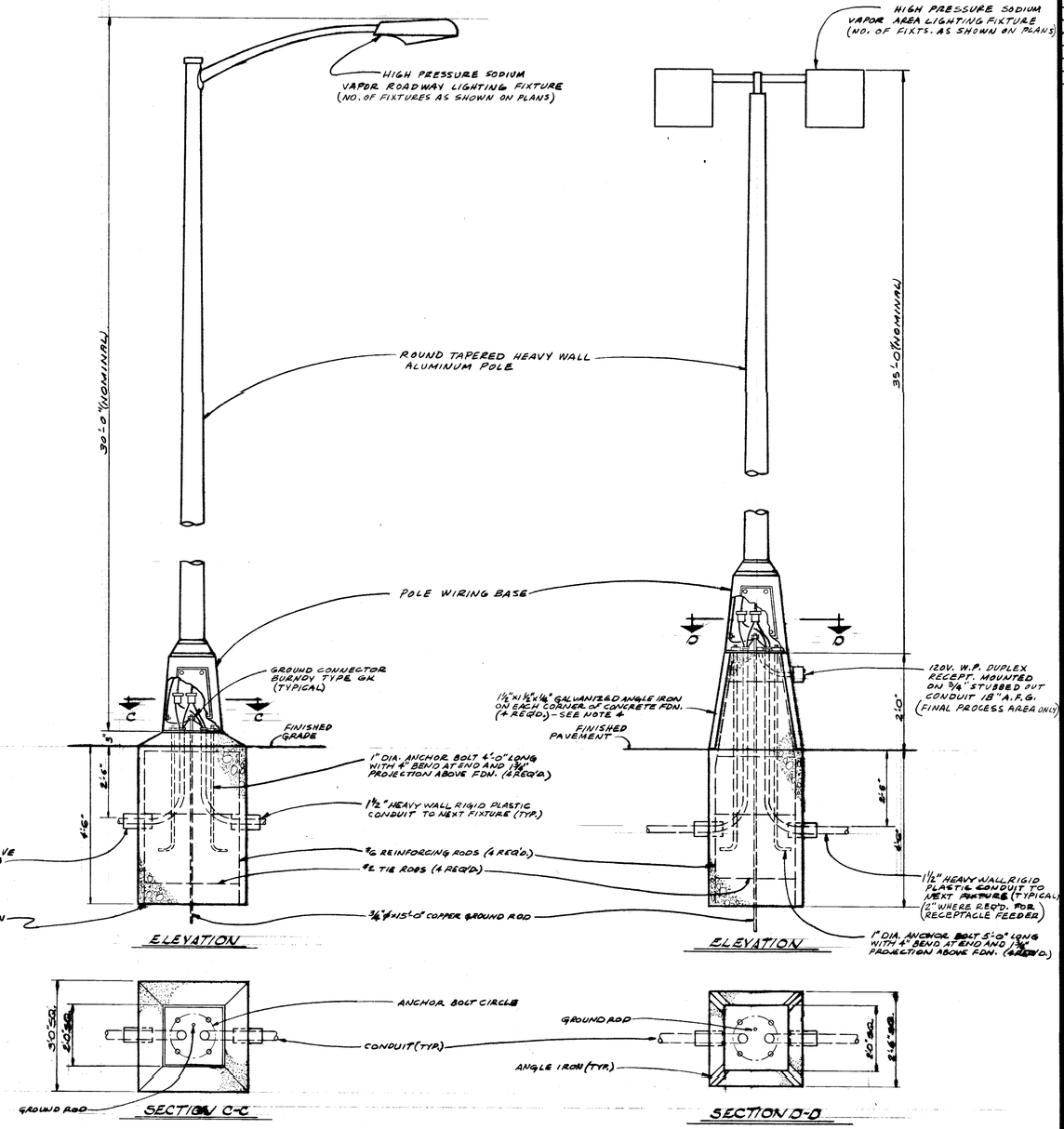
ENLARGED PLAN & SECTION
TYPICAL LIGHTING PATTERN
BELOW MEZZAINE

SHEET TITLE

OWNER'S IDENTIFICATION
P.E. & C. PROJECT NUMBER: 4500
DATE 5-18-77
DRAWN BY M.N.
JOB CAPT. T. JOHNSON, J. KONKLE
SHEET NUMBER: E-73




TYPICAL MOUNTING DETAILS FOR TYPES "ST" & "SU" LIGHTING FIXTURES
N.T.S.




TYPICAL MOUNTING DETAIL FOR TYPE "SS" & "SR" LIGHTING FIXTURE
N.T.S.

TYPICAL MOUNTING DETAIL FOR TYPE "SV" & "SHH" LIGHTING FIXTURE
N.T.S.

## NOTES

1. CONCRETE POLE FOUNDATIONS SHALL BE PROVIDED AND INSTALLED BY THE STRUCT. CONCRETE CONTR. ELECT. CONTR. SHALL PROVIDE AND INSTALL CONDUIT, GROUND ROD, GROUND WIRE, & ANCHOR BOLTS, AND CO-ORDINATE INSTALLATION WITH THE STRUCT CONCRETE CONTRACTOR.
2. VERIFY POLE BASE BOLT CIRCLE DIAMETERS WITH MANUFACTURER BEFORE ANCHOR BOLT INSTALLATION.
3. HEAVY WALL P.V.C. PIPE SLEEVE 6" DIAMETER AND 18" LONG, SET IN CONCRETE FOUNDATION, AROUND CONDUIT AT ENTRANCE TO PREVENT SHEARING DUE TO MOVEMENT OF SOIL.
4. THIS CONCRETE FOUNDATION SHALL BE USED ONLY WHERE NO PROTECTION, SUCH AS CURBS, IS PROVIDED FOR LIGHTING STANDARDS. (REFER TO P-SHEETS)

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 7-15-77 | 2nd ELEC. CONC. BID | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EF-042 | 7-27-77 | J.K. | | |
| BULL-64 | 7-25-77 | J.K. | | |
| PC-67 | 7-20-77 | J.K. | | |
| BULL-61 | 7-7-77 | J.K. | | |
| BULL-40 | 6-10-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
486 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

OUTDOOR LIGHTING DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

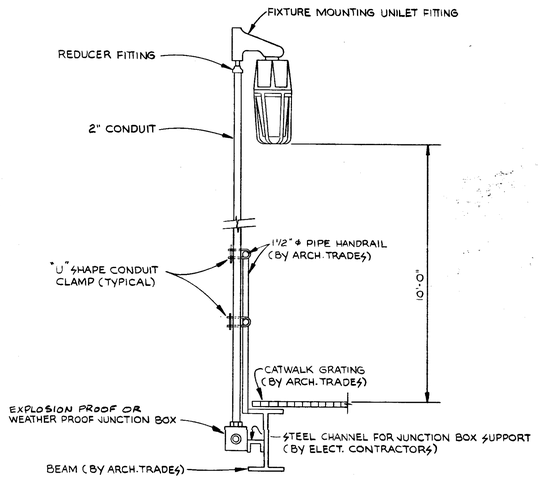
P. E. & C. PROJECT NUMBER: 4500

DATE 3-23-77

DRAWN BY M.N.

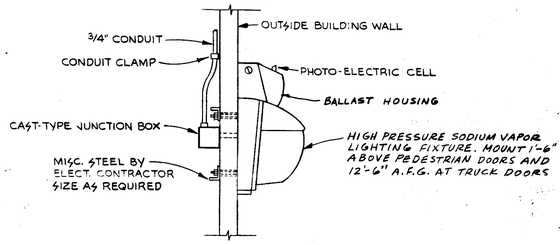
JOB CAPT. T. JOHNSON, J. KONKLE

SHEET NUMBER: E-74



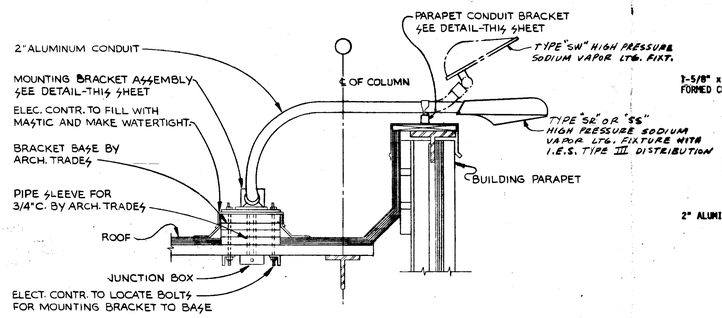

TYPICAL DETAIL TYPE "SY" & "SZ" LIGHTING FIXTURES MOUNTED ON CATWALK

N.T.S.



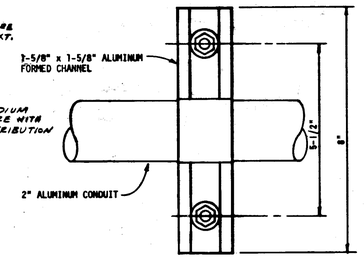

TYPICAL MOUNTING DETAIL FOR TYPE "SN" LIGHTING FIXTURE

N.T.S.

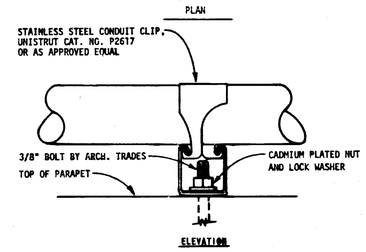



TYPES "SW", "SR" & "SS" ROOF MOUNTED FLOODLIGHTING FIXTURES

N.T.S.



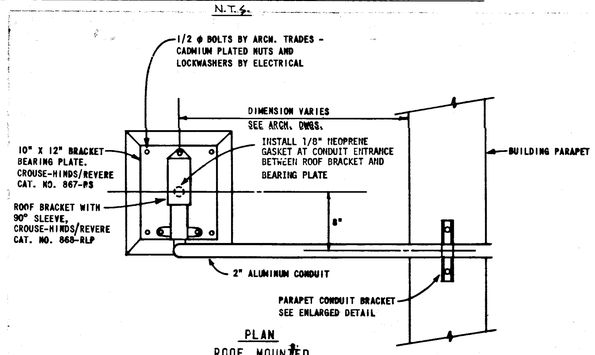

PLAN




ELEVATION

TYPICAL MOUNTING DETAIL PARAPET CONDUIT BRACKET

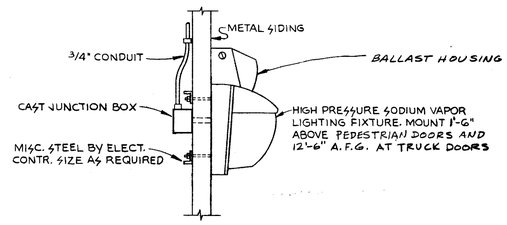
SCALE: HALF




PLAN

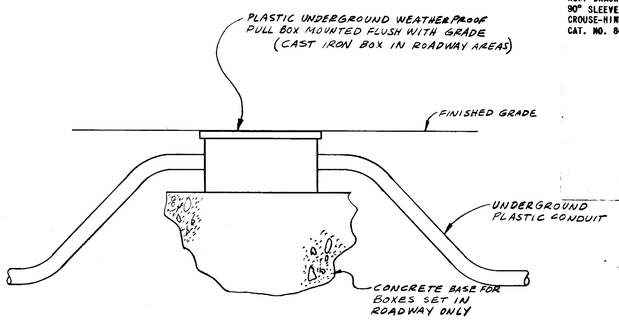
ROOF MOUNTED BUILDING FLOODLIGHTING BRACKET

SCALE: 1 1/2" = 1'-0"



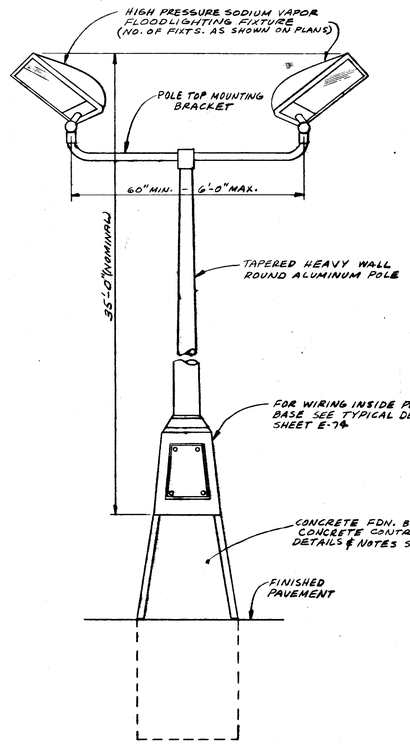

TYPE "SP" WALL MOUNTED LIGHTING FIXTURE

N.T.S.




TYPICAL UNDERGROUND PULLBOX INSTALLATION DETAIL

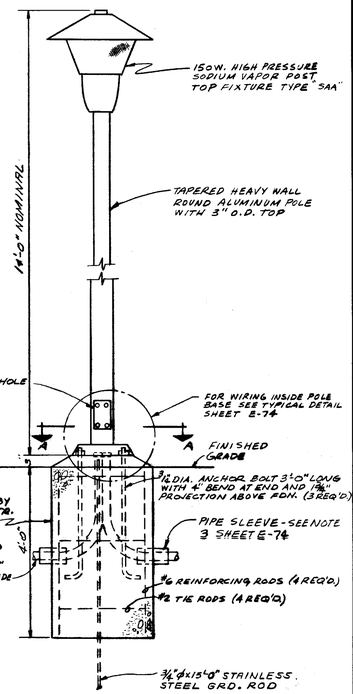
N.T.S.



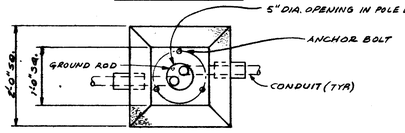

ELEVATION

TYPE "SW" & "SX" POLE MOUNTED FLOODLIGHTING FIXTURE DETAIL

N.T.S.



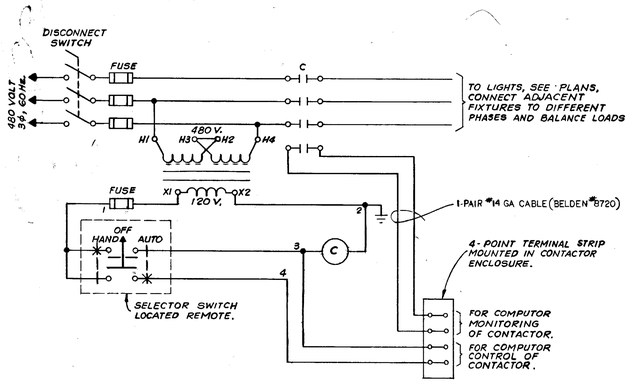

ELEVATION




SECTION A-A

TYPICAL DETAIL FOR TYPE "SAA" POST TOP MOUNTED FIXTURE

N.T.S.




TYPICAL ELEMENTARY CONTROL DIAGRAM FOR OUTDOOR LIGHTING CIRCUITS

NOTE

ALL COMPONENTS, EXCEPT SELECTOR SWITCH, SHALL BE LOCATED WITHIN ENCLOSURE. MOUNT SELECTOR SWITCH ON COLUMN BELOW BUS PLUG/CONTACTOR OR AS SHOWN ON PLANS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL N 20 | | |
| 5-27-77 | PAINTING & FINISHING REQ'S | | |
| 6-1-6 | PC 21 ROOF CONTR. REQ | | |
| 7-15-77 | PARQUET CONC BID | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 147 | 3/13/78 | T.J. | | |
| FIO #42 | 7-27-77 | J.K. | | |
| BULL #24 | 7-25-77 | J.K. | | |
| PC 67 | 7-25-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL #4 | 6-16-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGON

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

OUTDOOR LIGHTING DETAILS AND WIRING DIAGRAMS

SHEET TITLE

OWNER'S IDENTIFICATION

P.E.&C. PROJECT NUMBER 4500

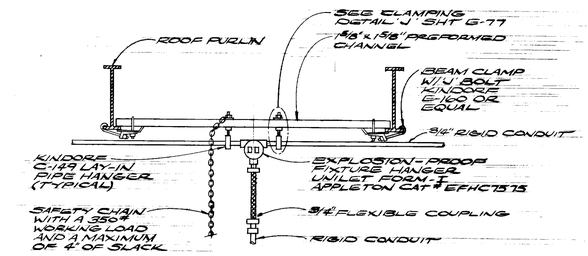
DATE 5-18-77

DRAWN BY R. WEICHEL

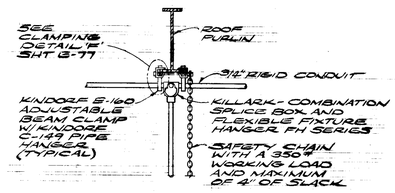
JOB CAPT. G. YOUNG J. KONKLE

E-75

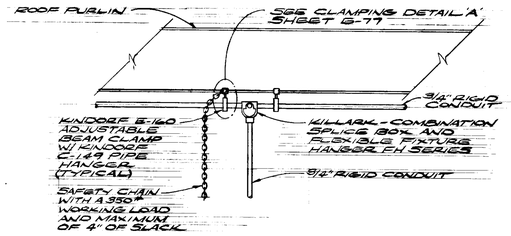
SHEET NUMBER



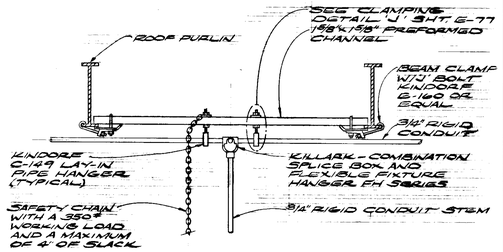

EXPLOSION PROOF FIXTURE MOUNTING DETAIL 'D'
N.T.S.



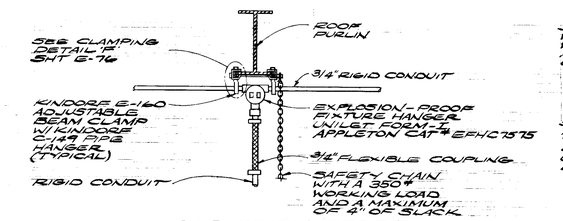

FIXTURE MOUNTING DETAIL 'C'
N.T.S.




FIXTURE MOUNTING DETAIL 'B'
N.T.S.




FIXTURE MOUNTING DETAIL 'A'
N.T.S.




EXPLOSION PROOF FIXTURE MOUNTING DETAIL 'E'
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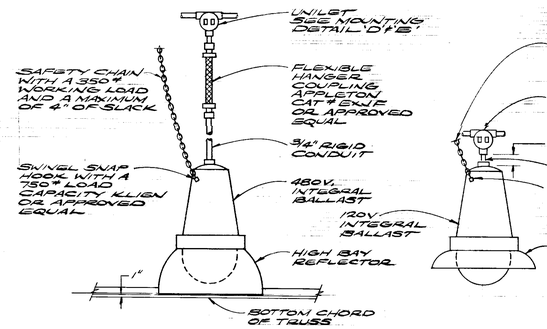
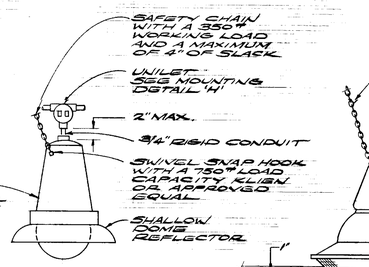
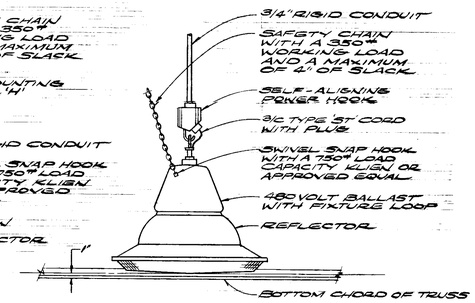
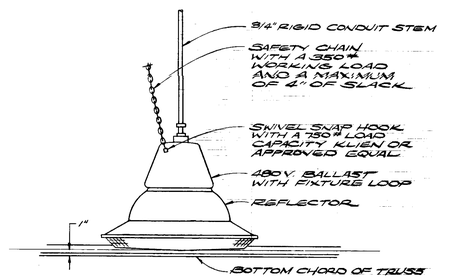



TYPE "S6G" TYPE "S8B"
EXPLOSION PROOF LIGHTING DETAILS
N.T.S.

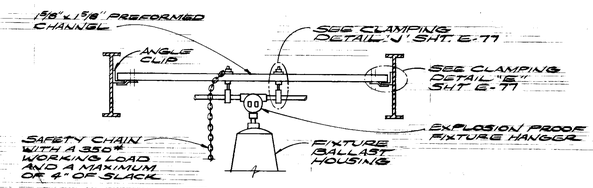



TYPE "SH" & "SK" LIGHTING DETAIL
N.T.S.




TYPE "SJ" & "SL" LIGHTING DETAIL
N.T.S.




EXPLOSION PROOF FIXTURE MOUNTING DETAIL 'H'
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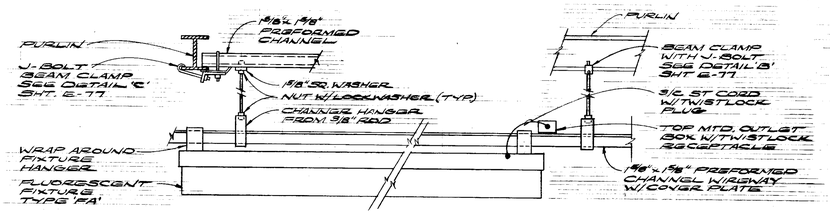
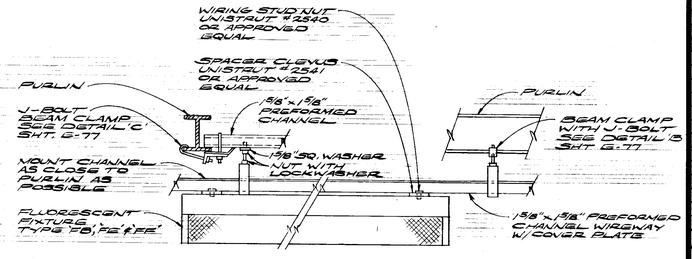
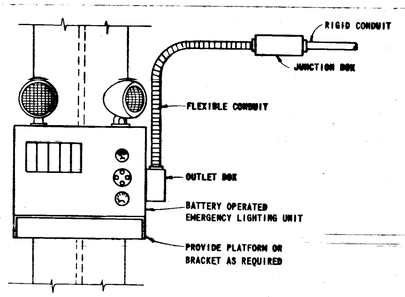


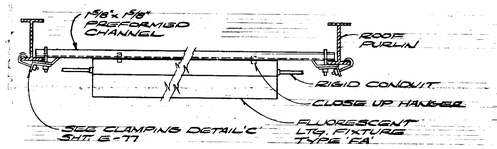

LIGHTING FIXTURE MOUNTING DETAIL 'G' ON CHANNEL WIREWAY
N.T.S.



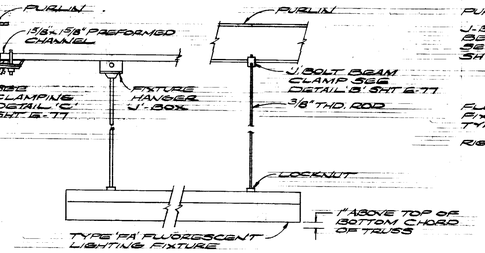

LIGHTING FIXTURE MOUNTING DETAIL 'F'
N.T.S.



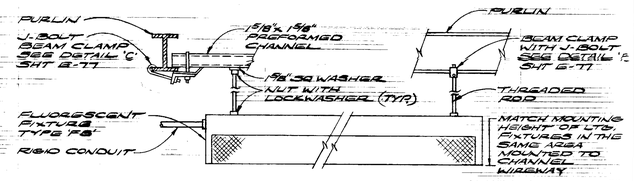

TYPE 'J' EMERGENCY LIGHTING UNIT INSTALLATION
N.T.S.




LIGHTING FIXTURE MOUNTING DETAIL 'L'
N.T.S.




LIGHTING FIXTURE MOUNTING DETAIL 'K'
N.T.S.




LIGHTING FIXTURE MOUNTING DETAIL "J"
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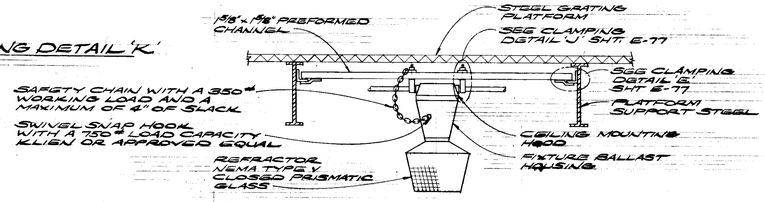



TYPE 'SCC' LIGHTING FIXTURE MOUNTED BELOW CARRIER REPAIR MEZZ.
N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | G.C. Sonke | Ray Hensel |
| 5-27-77 | PAINTING & FINISHING REF | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 61 | 7-7-77 | JK | R.K. Hensel | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

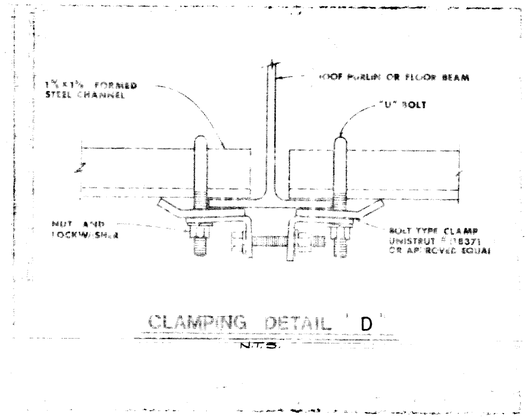
DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
465 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

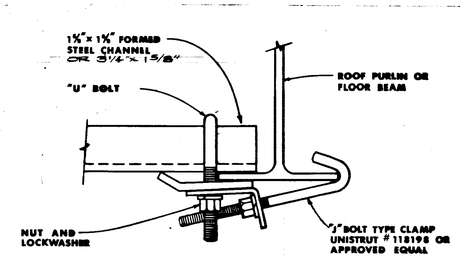
NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA
PROJECT TITLE

LIGHTING DETAILS
SHEET TITLE

OWNER'S IDENTIFICATION
4500
P. E. & C. PROJECT NUMBER
DATE 5-18-77
DRAWN BY T.B.
JOB CAPT. T. JOHNSON J. KONKLE
E-76
SHEET NUMBER




CLAMPING DETAIL "D"
N.T.S.




CLAMPING DETAIL "C"
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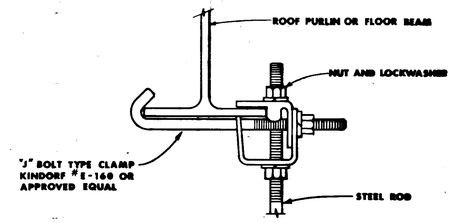


CLAMPING DETAIL "B"
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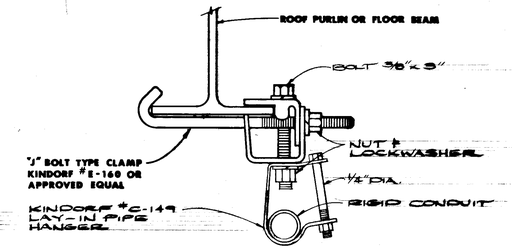


CLAMPING DETAIL "A"
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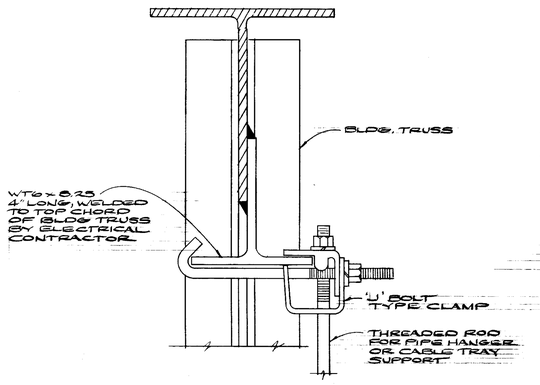


CLAMPING DETAIL "H"
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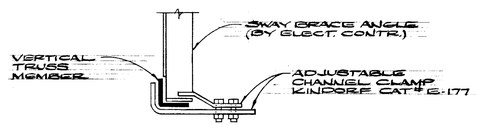


ADJUSTABLE CHANNEL CLAMPING DETAIL "G"
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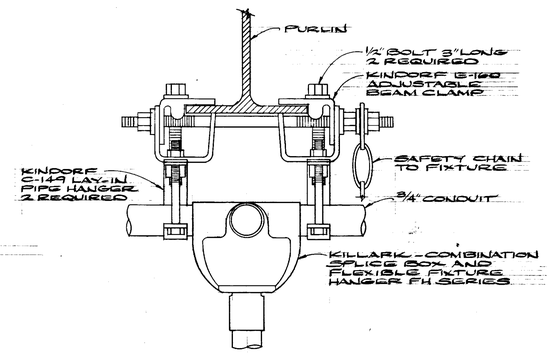


CLAMPING DETAIL "F"
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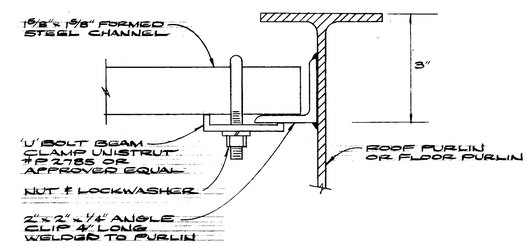


CLAMPING DETAIL "E"
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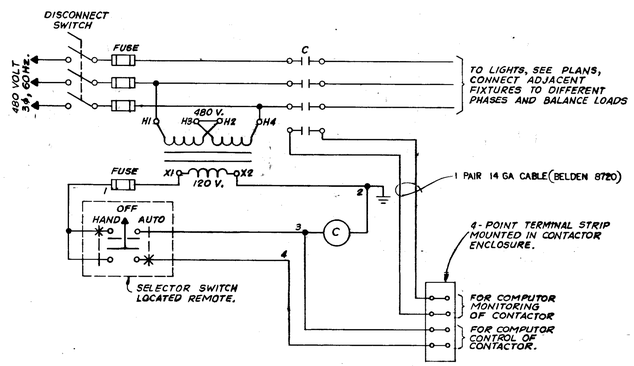
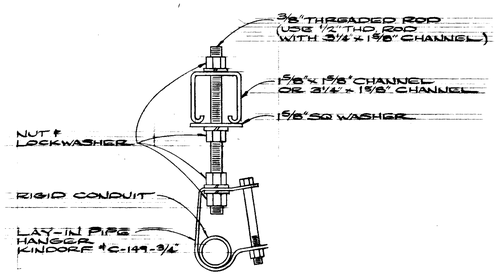



TYPICAL ELEMENTARY CONTROL DIAGRAM FOR 480V. INDOOR LIGHTING CIRCUITS

NOTE:
ALL COMPONENTS, EXCEPT SELECTOR SW. SHALL BE LOCATED WITHIN ENCLOSURE OF COMBINATION BUS PLUG/LIGHTING CONTACTOR. MOUNT SELECTOR SWITCH ON COLUMN BELOW BUS PLUG/CONTACTOR, OR AS SHOWN ON PLANS.




CLAMPING DETAIL "J"
N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | | |
| 5-27-77 | PAINTING & FINISHING REQ. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 147 | 3/13/78 | T.J. | | |
| BULL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

CLAMPING DETAILS

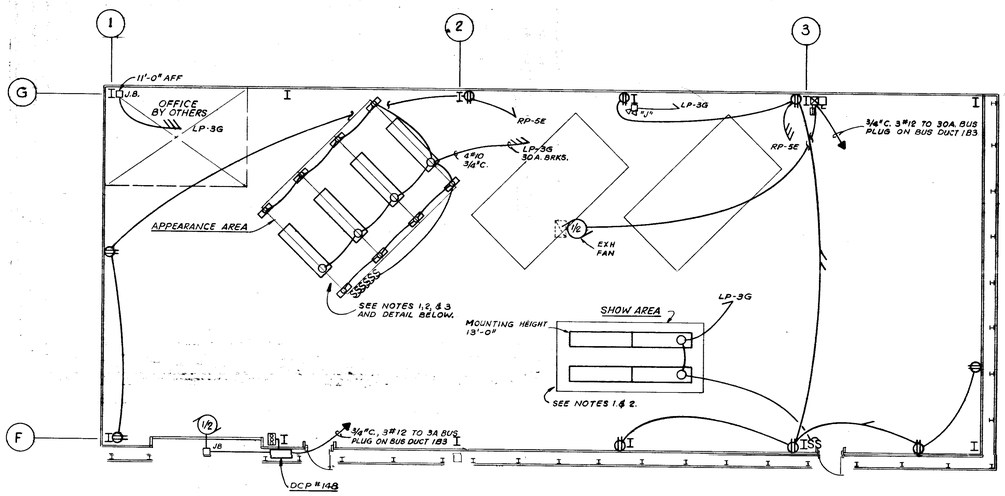
SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 5-18-77
DRAWN BY T.B.
JOB CAPT. T. JOHNSON
J. KONKLE

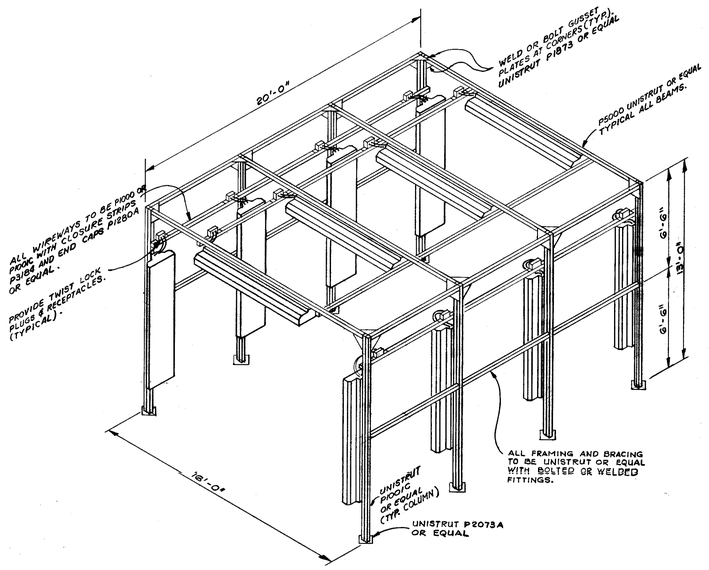
E-77
SHEET NUMBER




## AUDIT AREA - 120 VOLT POWER AND LIGHTING PLAN

SCALE: 1/8" = 1'-0"

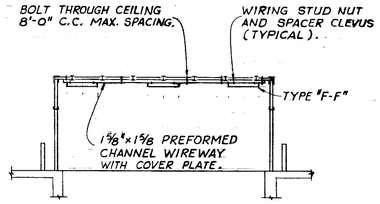
NOTES
1. WIRE TWO (2) INSIDE LIGHTS AND TWO (2) OUTSIDE LIGHTS SEPARATE FOR EACH FIXTURE
2. TYPE "FL" FIXTURES TO BE PARAMOUNT INDUSTRIES MODEL 7486-3 OR APPROVED EQUIVALENT.
3. FABRICATE FROM STANDARD UNISTRUT FITTINGS OR FROM SUITABLE APPROVED SUBSTITUTE. USE REINFORCE CORNER COLUMNS. JOINTS AND CORNERS ARE TO BE REINFORCED WITH GUSSET PLATES.




## FRAME FOR LIGHTS IN APPEARANCE AREA

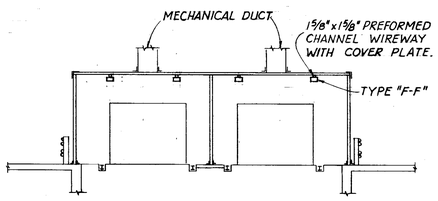
NOT TO SCALE

NOTE:
PROVIDE ALTERNATE PRICE FOR APPEARANCE LIGHTING SYSTEM WITH TYPE "FA" LIGHTING FIXTURES IN LEIU OF FIXTURES INDICATED IN NOTE 2 ABOVE. SINGLE SWITCHING IN LEIU OF DUAL AND 20A FEEDS IN LEIU OF 30A. FIXTURES IN SHOW AREA ARE TO BE SAME TYPE AS APPEARANCE AREA.



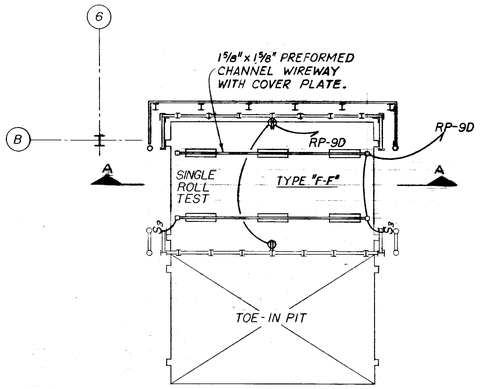

## SECTION "A-A"

SCALE: 1/8" = 1'-0"



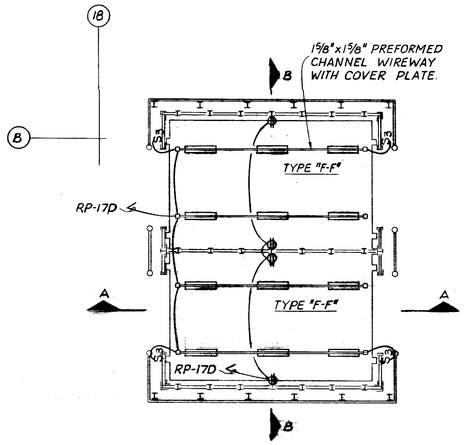

## SECTION "B-B"

SCALE: 1/8" = 1'-0"




## PLAN-ROLL TEST AND TOE-IN COMBINATION

SCALE: 1/8" = 1'-0"




## PLAN-DOUBLE ROLL TEST

SCALE: 1/8" = 1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 8-8-77 | BULL # 72 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 366 | 10-23-78 | T.J. | | |
| BULL #78 | 9-19-77 | TJ | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

ARGONA — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ENLARGED PLAN
MISC. AREAS LIGHTING
AND 120 V. POWER

SHEET TITLE

OWNER'S IDENTIFICATION: 4500 P.E. & C.

DATE 8-3-77

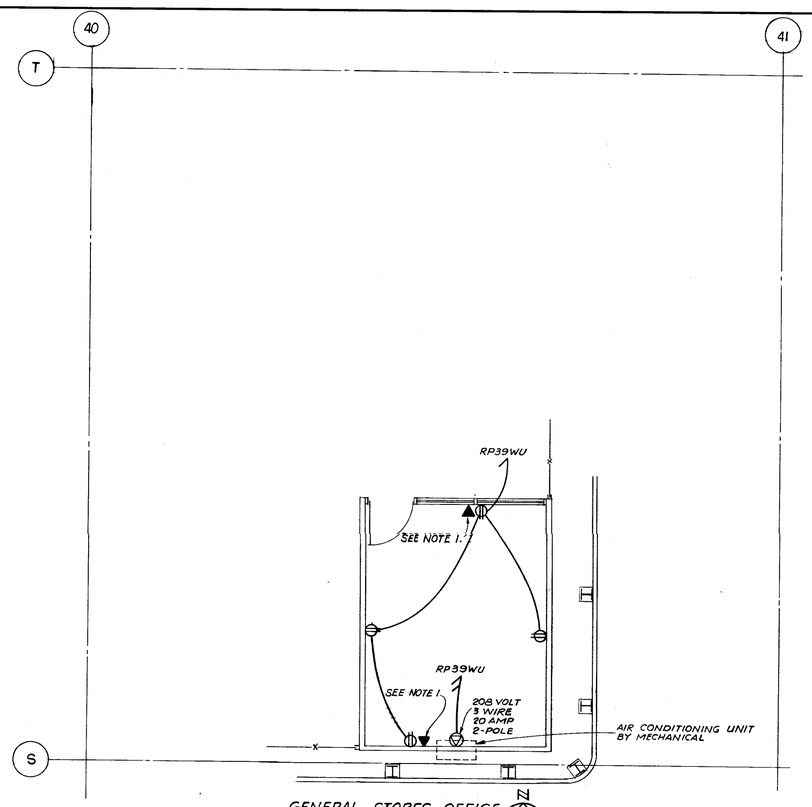
DRAWN BY B & B

JOB CAPT. J. RONKLE

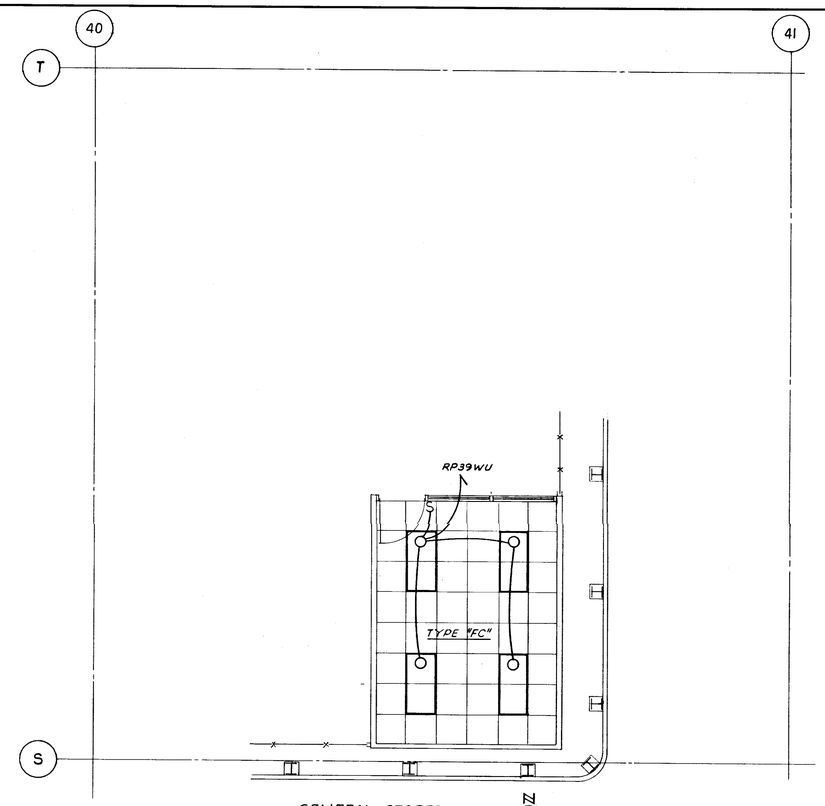
E-78

SHEET NUMBER

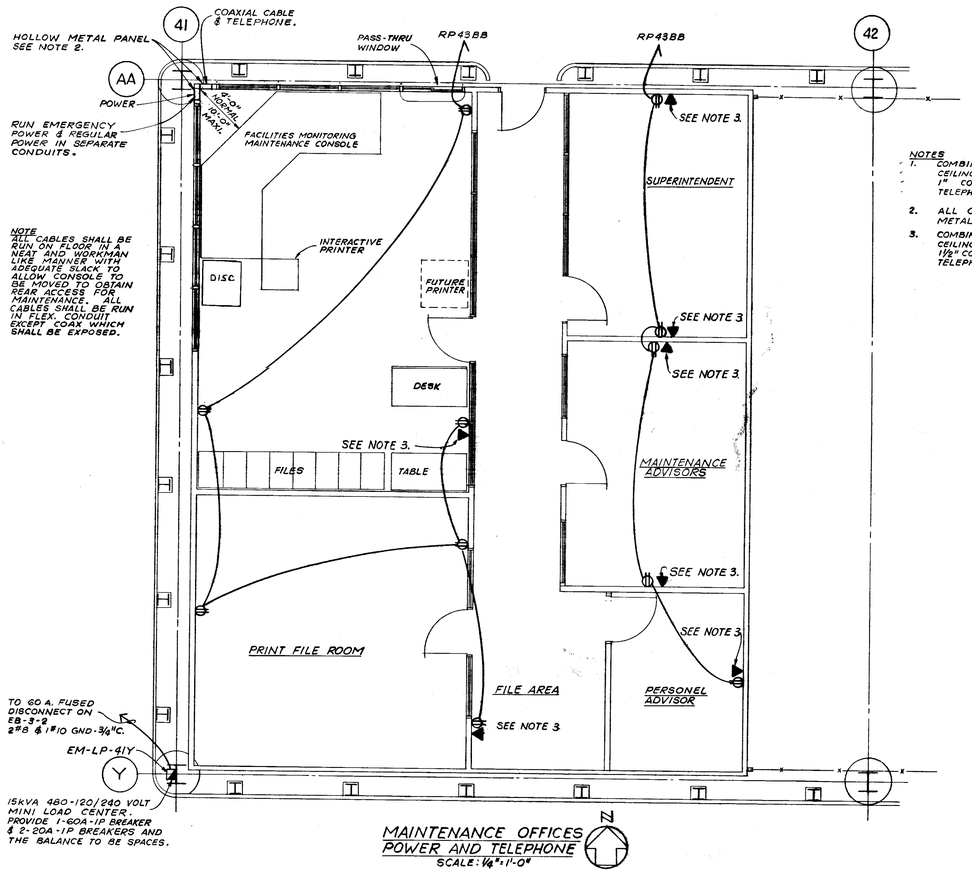
PROJECT NO. 4500 SHEET NO. E-79




GENERAL STORES OFFICE
POWER AND TELEPHONE
SCALE: 1/4" = 1'-0"



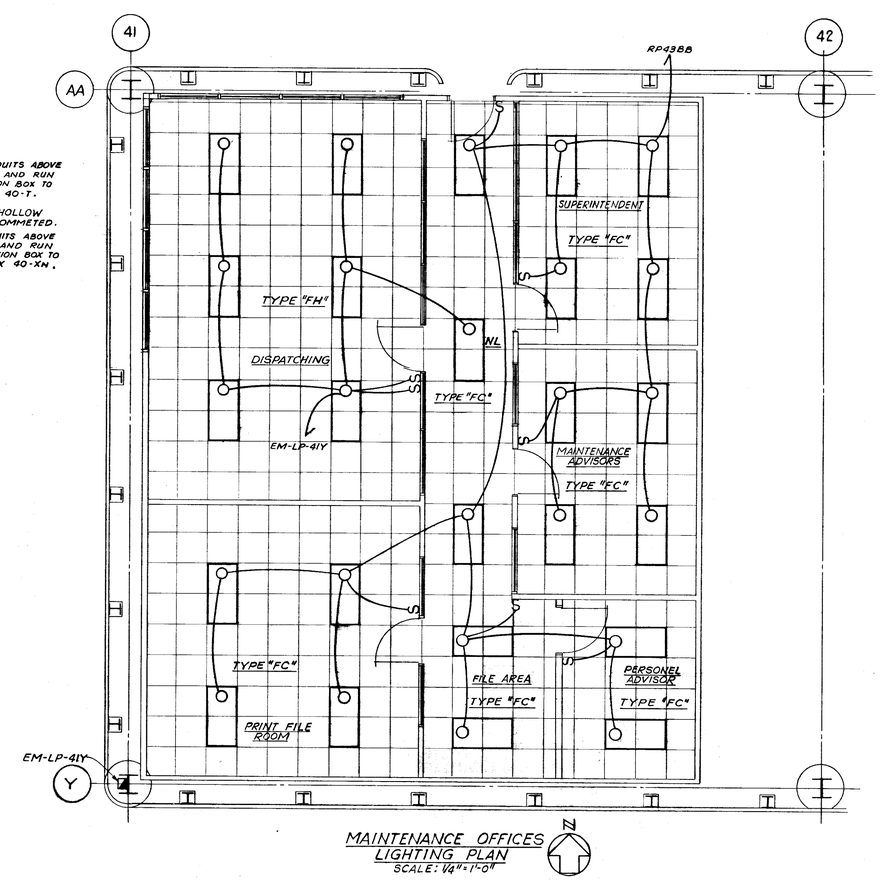

GENERAL STORES OFFICE
LIGHTING PLAN
SCALE: 1/4" = 1'-0"




NOTE
ALL CABLES SHALL BE RUN ON FLOOR IN A NEAT AND WORKMAN LIKE MANNER WITH ADEQUATE SLACK TO ALLOW CONSOLE TO BE MOVED TO OBTAIN REAR ACCESS FOR MAINTENANCE. ALL CABLES SHALL BE RUN IN FLEX. CONDUIT EXCEPT COAX WHICH SHALL BE EXPOSED.

NOTES
1. COMBINE TELEPHONE CONDUITS ABOVE CEILING IN JUNCTION BOX AND RUN 1" CONDUIT FROM JUNCTION BOX TO TELEPHONE TERMINAL BOX 40-T.
2. ALL CUT OPENINGS IN HOLLOW METAL PANEL TO BE GROMMETED.
3. COMBINE TELEPHONE CONDUITS ABOVE CEILING IN JUNCTION BOX AND RUN 1½" CONDUIT FROM JUNCTION BOX TO TELEPHONE TERMINAL BOX 40-XH.

MAINTENANCE OFFICES
POWER AND TELEPHONE
SCALE: 1/4" = 1'-0"




MAINTENANCE OFFICES
LIGHTING PLAN
SCALE: 1/4" = 1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-1-78 | BULL. 161 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 399 | 5-23-78 | T.J. | | |
| EFO 373 | 8-1-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

MAINTENANCE AND
GENERAL STORES
OFFICES
POWER AND TELEPHONE
& LIGHTING PLANS

SHEET TITLE

OWNER'S IDENTIFICATION
P. E. & C. PROJECT NUMBER: 4500
DATE
DRAWN BY L. BALLIETT
JOB CAPT. T. JOHNSON
SHEET NUMBER: E-79

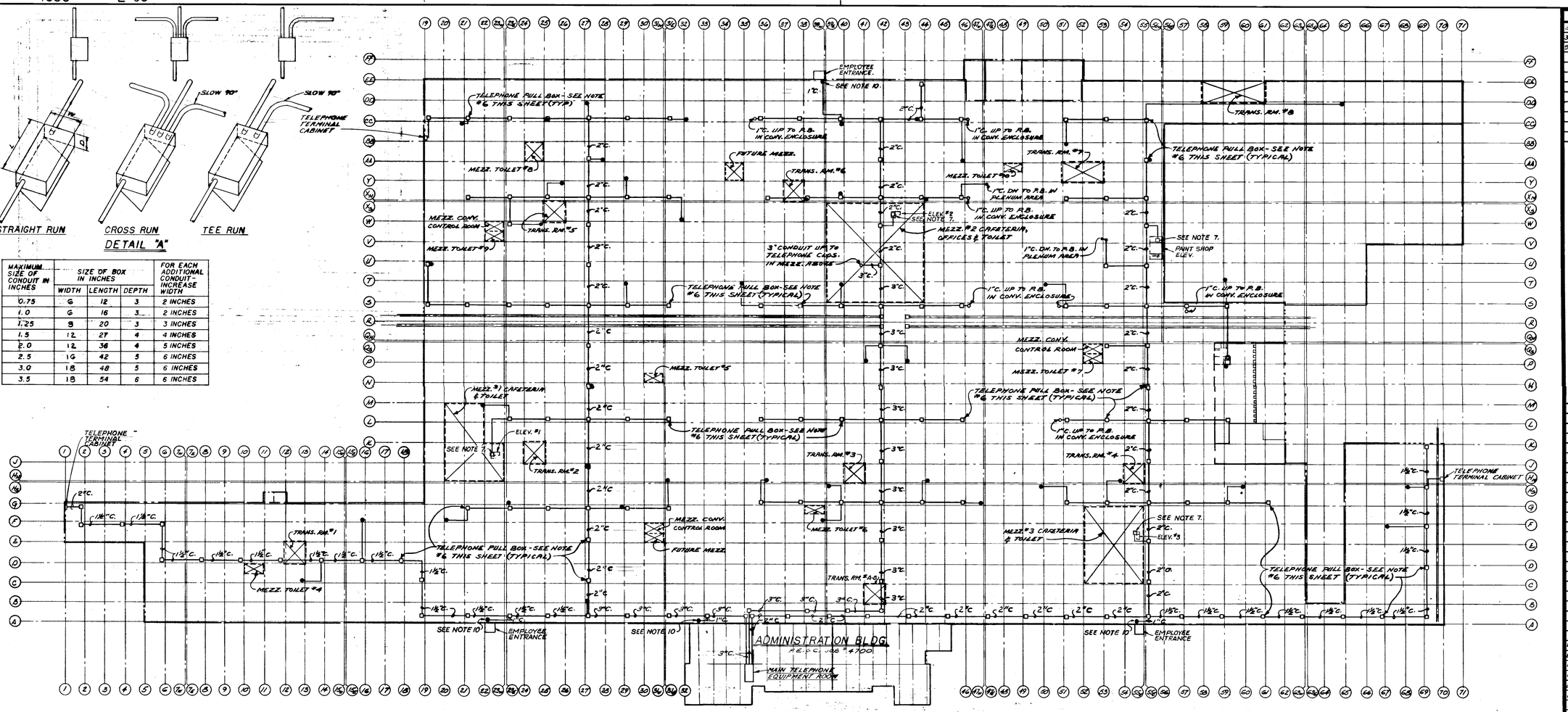
ARGO 149 K&E 17 0193 8-74 2027+

PROJECT NO. 4500 SHEET NO. E-80



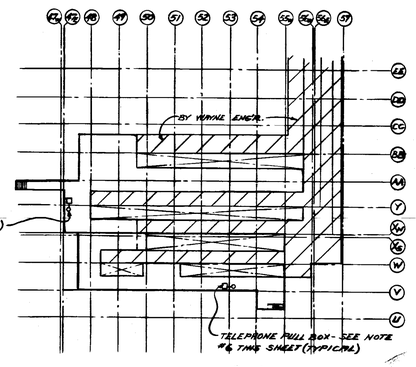

DETAIL "A"

| MAXIMUM SIZE OF CONDUIT IN INCHES | SIZE OF BOX IN INCHES | | | FOR EACH ADDITIONAL CONDUIT - INCREASE WIDTH |
|---|---|---|---|---|
| | WIDTH | LENGTH | DEPTH | |
| 0.75 | 6 | 12 | 3 | 2 INCHES |
| 1.0 | 6 | 16 | 3 | 2 INCHES |
| 1.25 | 9 | 20 | 3 | 3 INCHES |
| 1.5 | 12 | 27 | 4 | 4 INCHES |
| 2.0 | 12 | 36 | 4 | 5 INCHES |
| 2.5 | 16 | 42 | 5 | 6 INCHES |
| 3.0 | 18 | 48 | 5 | 6 INCHES |
| 3.5 | 18 | 54 | 6 | 6 INCHES |



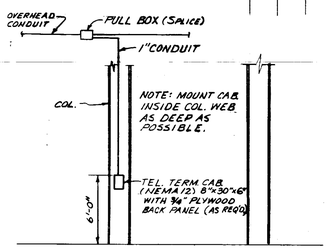

ASSEMBLY BLDG.

SCALE: 1" = 100'



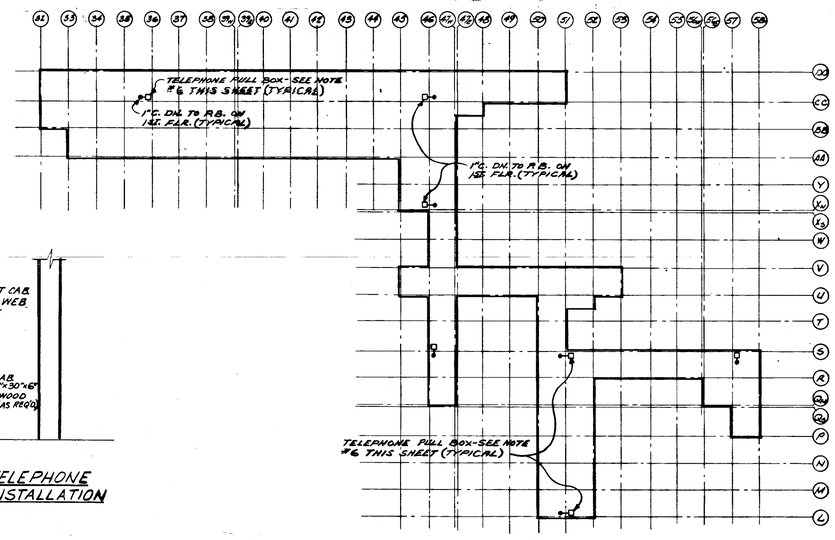

PLENUM

SCALE: 1" = 100'-0"




TYPICAL DETAIL FOR TELEPHONE TERMINAL CABINET INSTALLATION

N.T.S.




ROOF CONVEYOR ENCLOSURE

SCALE: 1" = 100'

## NOTES:

1. FOR PLOT PLAN & DRAWING INDEX - SEE SHEET #E-1.
2. FOR SYMBOL LIST - SEE SHEET #E-2.
3. ALL CONDUITS THIS SHEET SHALL BE 1" UNLESS OTHERWISE NOTED.
4. ALL CONDUITS THIS SHEET SHALL HAVE A PULL WIRE.
5. ALL CONDUIT RUNS THIS SHEET SHALL BE COORDINATED WITH FINAL AISLE LAYOUTS TO INSURE MAX. ACCESSIBILITY TO PULL BOXES.
6. ALL PULL BOXES THIS SHEET SHALL BE SIZED PER S.W.B.T. REQUIREMENTS. SEE TABLE AND DETAIL "A", THIS SHEET.
7. TELEPHONE JUNCTION BOX IN ELEVATOR EQUIPMENT ROOM. SEE ELEVATOR CONTRACTOR FOR EXACT LOCATION.
8. TELEPHONE TERMINAL CABINETS SHALL BE MOUNTED 6'-0" A.F.F. TO TOP OF BOX.
9. PULL BOX SIZE NEED NOT BE INCREASED TO ACCEPT ADDITIONAL CONDUIT FOR TERMINAL BOXES.
10. USE STANDARD NEMA 12 HOFFMAN A 16160R WITH PLYWOOD PANEL OR APPROVED SUITABLE SUBSTITUTE.

NORTH

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. BID | | |
| 3-23-77 | PRIME MECH. BID | | |
| 5-21-77 | PAINTING & FINISHING BID | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 4228 | 12-14-78 | W.S. | | |
| EFO 422 | 10-7-78 | T.J. | | |
| EFO 359A | 8-7-78 | J.K. | | |
| EFO 353 | 6-21-78 | J.K. | | |
| EFO 286 | 3-31-78 | T.J. | | |
| BULL 137 | 1-10-78 | J.K. | | |
| BULL #116 | 10-5-77 | J.K. | | |
| BULL #79 | 9-29-77 | J.K. | | |
| BULL 71 | 8-[illegible]-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |
| BULL 53 | 6-21-77 | J.K. | REF | |
| BULL #20 | 5-18-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

TELEPHONE RACEWAY SYSTEM

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

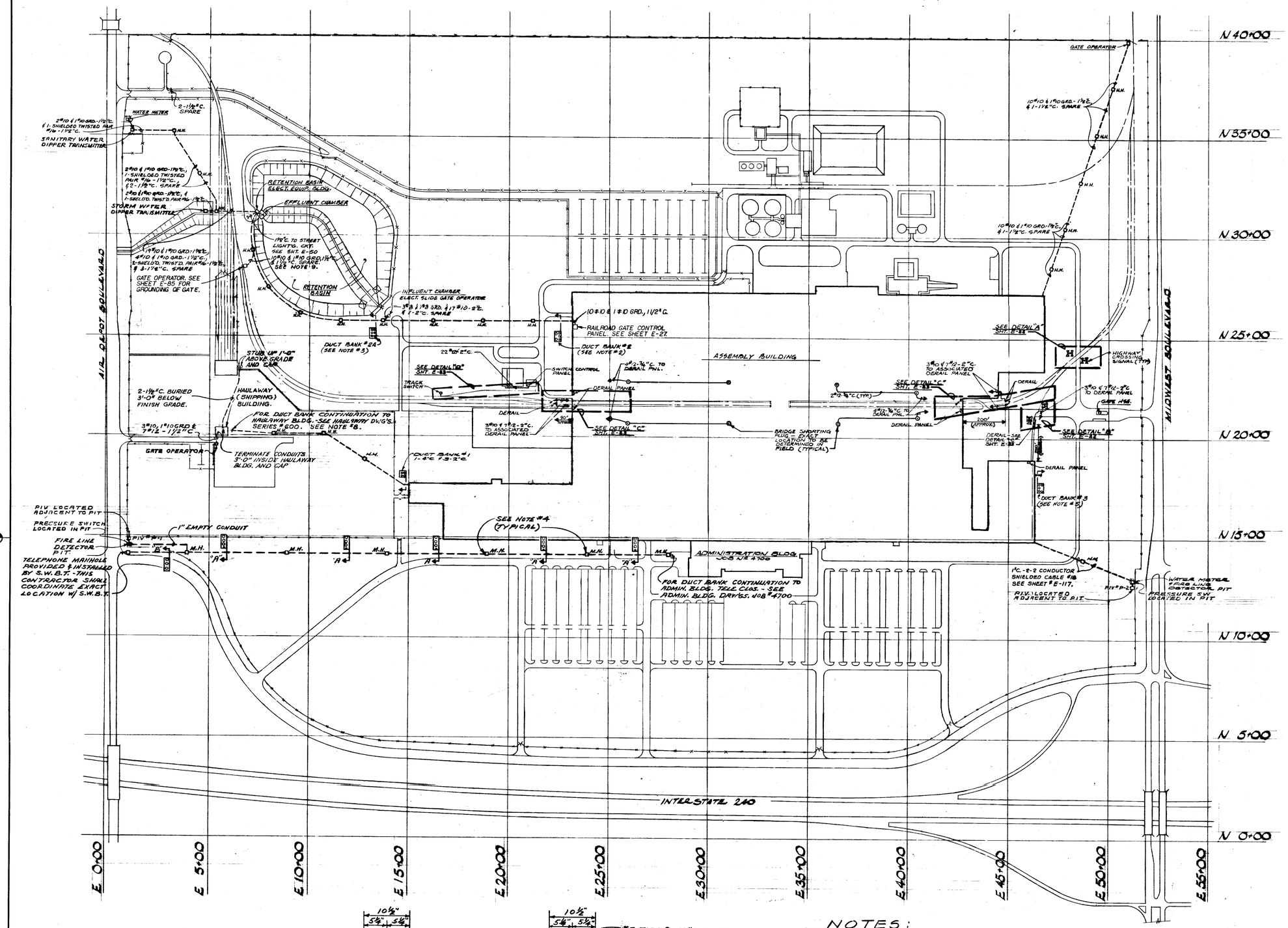
DATE 3-23-77

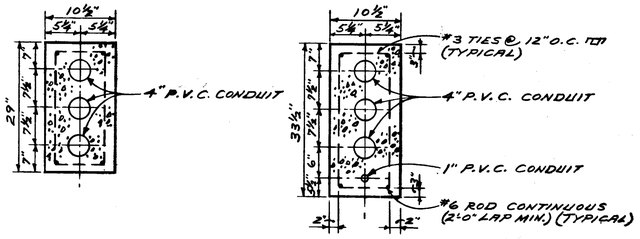
DRAWN BY R.E.

JOB CAPT. T. JOHNSON
J. KOWKLE

E-80
SHEET NUMBER

ARGO 118 REV. 12-69 K&E 17 0139 2-74 1790




DETAIL "B"
N.T.S.

DETAIL "A"
N.T.S.

NOTE:
SEE TYPICAL INSTALLATION DETAIL SHT. #EU-1

## NOTES:

1. DUCT BANK №'s 1, 2, 2A & 3 TO BE CONCRETE ENCASED. ALL OTHER DUCT BANKS THIS SHEET TO BE DIRECT BURIED RIGID PVC EXCEPT THEY SHALL BE PLASTIC COATED STEEL UNDER AND 2'-0" EITHER SIDE OF ROADWAYS & R.R. TRACKS.
2. DUCT BANK №. 2 SHALL CONTAIN 3#1 & 1#8 GRD.-2"C., 1-2"C. (MONITORING), 11/2"C. (MONITORING), 10#10 & 1#10 GRD.-11/2"C. (RAILROAD GATE), 1-11/2"C (SPARE) AND SHALL RUN FROM ASSY. BUILDING TO HAND HOLE NEAR INFLUENT CHAMBER. FOR MONITORING SEE SHEETS #E-112 AND #E-127. FOR DETAIL OF DUCT BANK №. 2 SEE SHEET EU-3.
3. DUCT BANK №. 2A SHALL CONTAIN 2"C.-3#1 & 1#8 GRD., 2"C.-3#8 & 1#8 GRD. & 17#10, 1-2"C. (MONITORING), 11/2"C. (MONITORING), 10#10 & 1#10 GRD. 11/2"C. (RAILROAD GATE), 1-11/2"C. (SPARE) AND SHALL RUN FROM HAND HOLE NEAR INFLUENT CHAMBER TO RETENSION BASIN ELECT. EQUIP. BUILDING. FOR MONITORING SEE SHEETS #E-112 AND #E-127. FOR DETAIL OF DUCT BANK №. 2A SEE SHEET E-86.
4. TELEPHONE MANHOLE PROVIDED & INSTALLED BY ARCH. TRADES. SEE DETAIL SHEET # P-93.
5. DUCT BANK №. 3 SHALL EXTEND OUT 15'-0" FROM FOAM STORAGE BLDG. SEE DETAIL ON SHEET EU-3. FOR CONTINUATION OF DUCT BANK №. 3 SEE GATE HOUSE DRWG. JOB #4500, 400 SERIES.
6. ALL GROUND WIRE SPLICES SHALL BE THERMIT WELDS.
7. FOR EXACT LOCATION OF DERAILS, RAIL ROAD HIGHWAY CROSSING SIGNALS AND TRACK SWITCH SEE CIVIL DRAWINGS.
8. DUCT BANK #1 SHALL BE TERMINATED AT EAST 6'-11" AND NORTH 20+20'. THIS TERMINATION SHALL BE A KEYED CONSTRUCTION JOINT. SEE SHEET EU-3 "TYPICAL DUCT BANK CONSTRUCTION JOINT" AND SHEET EU-1 SECTION "C-C" FOR DETAIL OF JOINT.
9. POWER CONDUIT SHALL COME FROM POWER HALF OF HANDHOLE AND SPARE CONDUIT SHALL COME FROM TELEPHONE HALF OF HANDHOLE.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-23-77 | PRIME ELECT. B10 | | |
| 3-23-77 | PRIME MECH. B10 | | |
| 5-12-77 | RAILROAD B10 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 347 | 9-18-78 | J.K. | | |
| EFO #322 | 5-10-78 | T.J. | | |
| BULL 747 | 3/15/78 | T.J. | | |
| EFC 197 | 10-31-77 | TJ | | |
| BULL #101 | 10-5-77 | J.K. | | |
| EFO #90 | 9-23-77 | T.J. | | |
| EFO #80 | 9-7-77 | T.J. | | |
| BULL #64 | 7-25-77 | J.K. | | |
| BUL 61 | 7-7-77 | JK | | |
| BULL #40 | 6-10-77 | J.K. | | |
| BUL-20 | 5-18-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
486 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# SITE PLAN POWER & CONTROL TO OUTBUILDINGS & DERAIL

SHEET TITLE

OWNER'S IDENTIFICATION

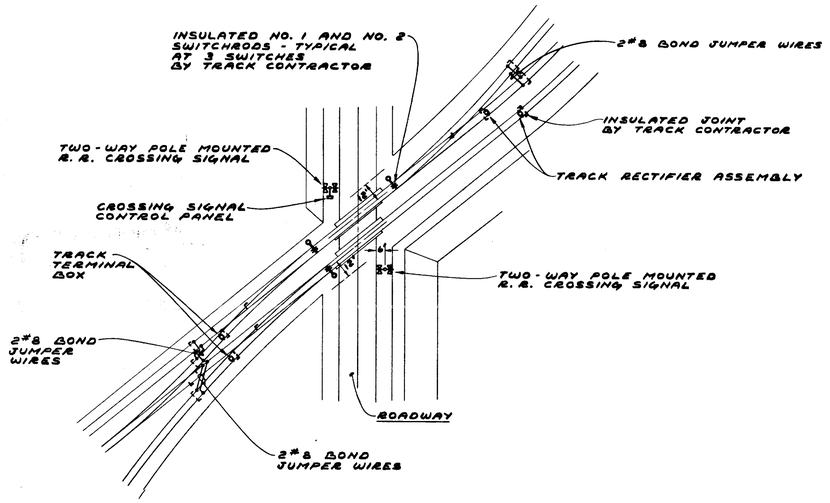
P. E. B. C. PROJECT NUMBER: 4500

DATE 3-23-77

DRAWN BY M. N.

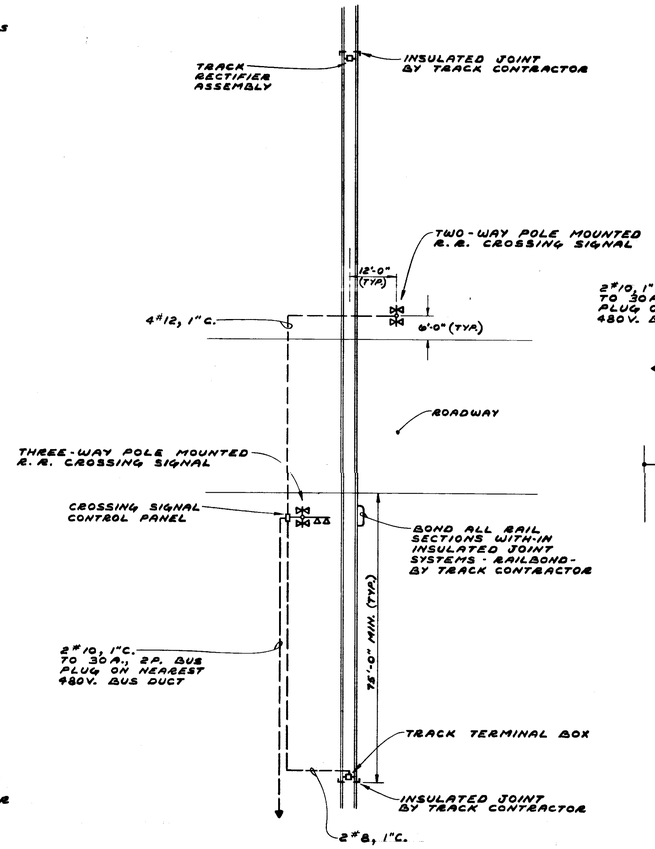
JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER: E-81



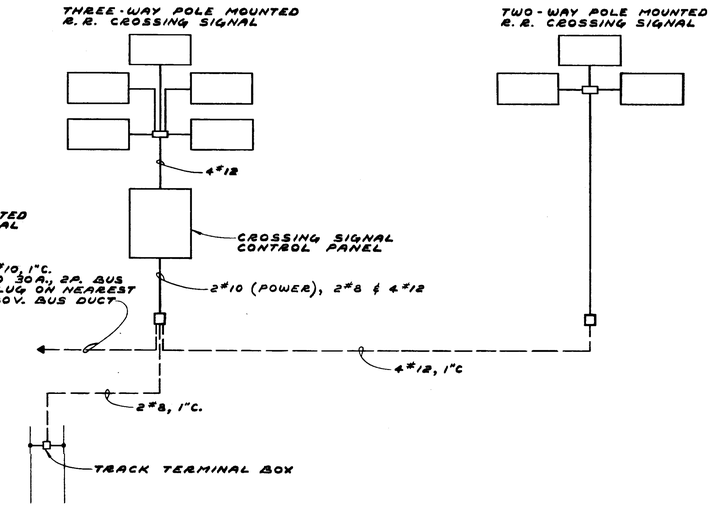

DETAIL "A"

NOT TO SCALE



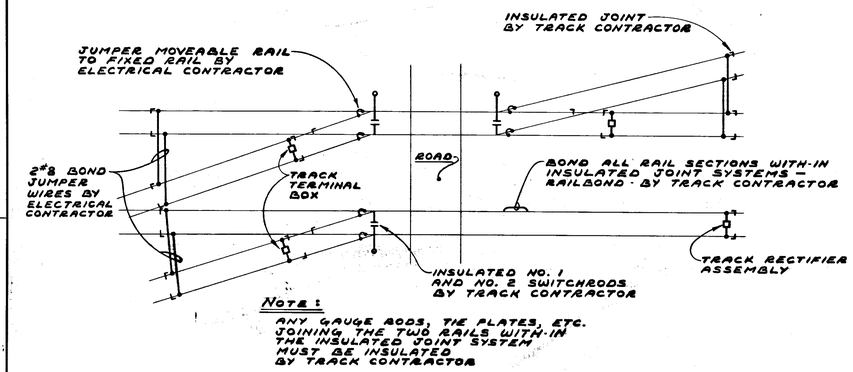

DETAIL "B"

NOT TO SCALE




RISER DIAGRAM - DETAIL "B"

NOT TO SCALE

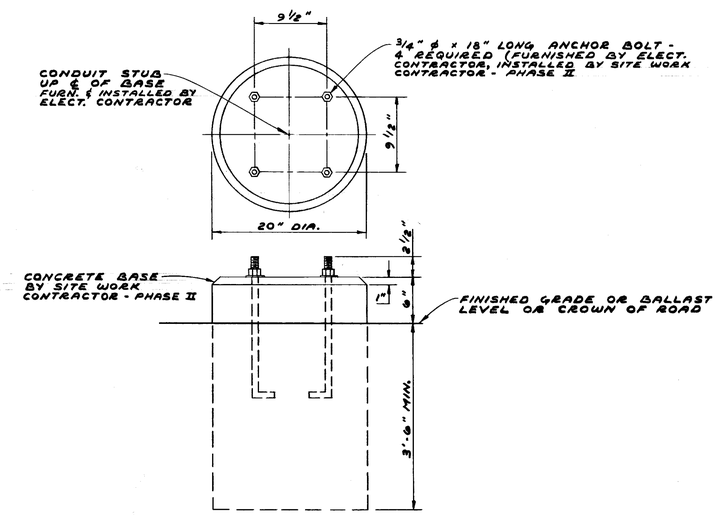



NOTE:

ANY GAUGE RODS, TIE PLATES, ETC. JOINING THE TWO RAILS WITH-IN THE INSULATED JOINT SYSTEM MUST BE INSULATED BY TRACK CONTRACTOR

ENLARGED PLAN OF DETAIL "A"

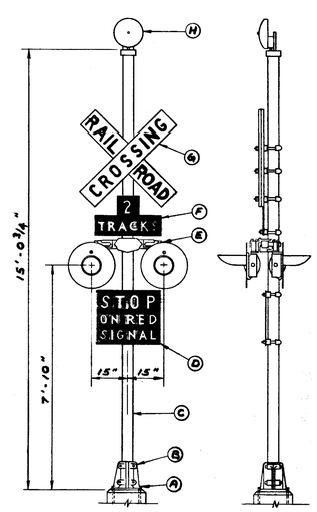
NOT TO SCALE




DETAIL

HIGHWAY CROSSING SIGNAL BASE

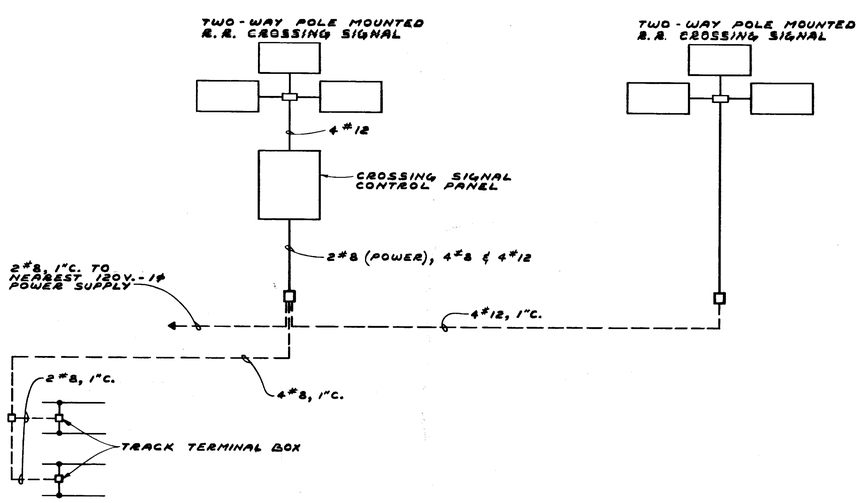
NOT TO SCALE




ELEVATION

HIGHWAY CROSSING SIGNAL

NOT TO SCALE




RISER DIAGRAM - DETAIL "A"

COMPONENT LIST

(A) ANCHOR BOLT - 3/4" ϕ x 18" LONG WITH WASHER AND HEX NUT - GALVANIZED
(B) SPLIT BASE ASSEMBLY - FOR 4" I.D. PIPE - 9 1/2" x 9 1/2" ANCHOR BOLT SPACING - ALUM.
(C) POLE - 4" I.D. x 15'-0" LONG
(D) "STOP ON RED SIGNAL" SIGN - REFLEX REFLECTING - ALUMINUM - WITH STAINLESS STEEL STRAP KIT - WHITE LETTERS ON BLACK BACKGROUND
(E) JUNCTION BOX CROSSARM AND LIGHT UNITS
(F) NUMBER OF TRACKS SIGN - REFLEX REFLECTING - ALUMINUM - WITH STAINLESS STEEL STRAP KIT - WHITE LETTERS ON BLACK BACKGROUND
(G) "RAILROAD CROSSING" SIGN - REFLEX REFLECTING - ALUMINUM - WITH STAINLESS STEEL STRAP KIT - BLACK LETTERS ON WHITE BACKGROUND
(H) BELL AND BELL CAP ASSEMBLY - 10" SINGLE STROKE BELL

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 2.0 | | |
| 5-12-77 | RAILROAD BID | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| Bull 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

GENERAL MOTORS CORPORATION 486 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

DERAIL SYSTEM DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

4500

P.E. & C PROJECT NUMBER

DATE 5-18-77

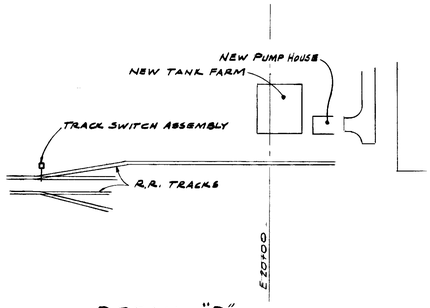
DRAWN BY F. J. H.

JOB CAPT. J. WALDROP J. KONALE

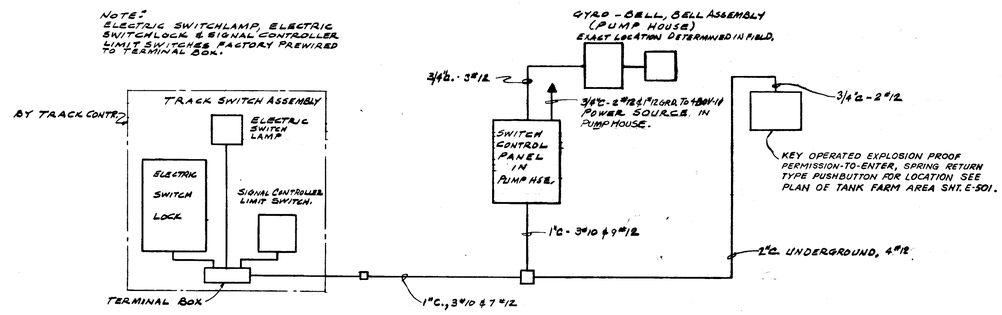
E-82

SHEET NUMBER

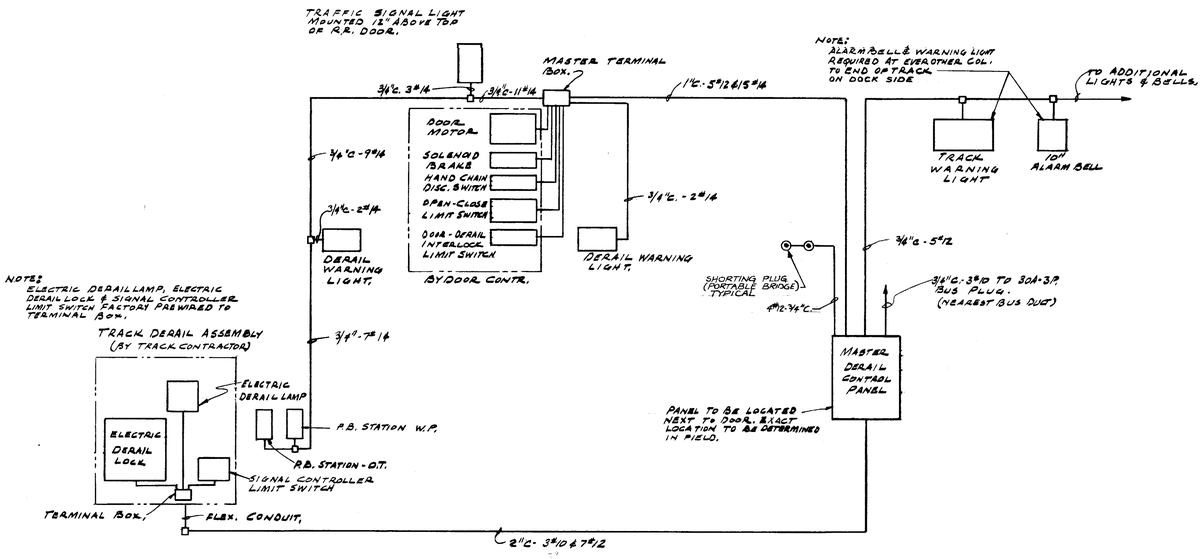
ARGO 118 REV. 12-69 KOHE 17 0133 2-74 1798



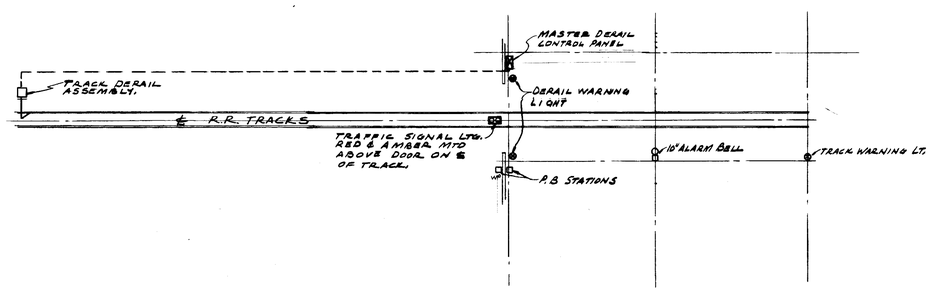

DETAIL "D"
NOT TO SCALE




DETAIL "D" - RISER DIAGRAM




DETAIL "C" RISER DIAGRAM




DETAIL "C"
NOT TO SCALE

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL #20 | | |
| 5-12-77 | RAILROAD BID | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EF0439 | 11-8-78 | WS | | |
| BUL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

DERAIL SYSTEM DETAILS

SHEET TITLE

OWNER'S IDENTIFICATION

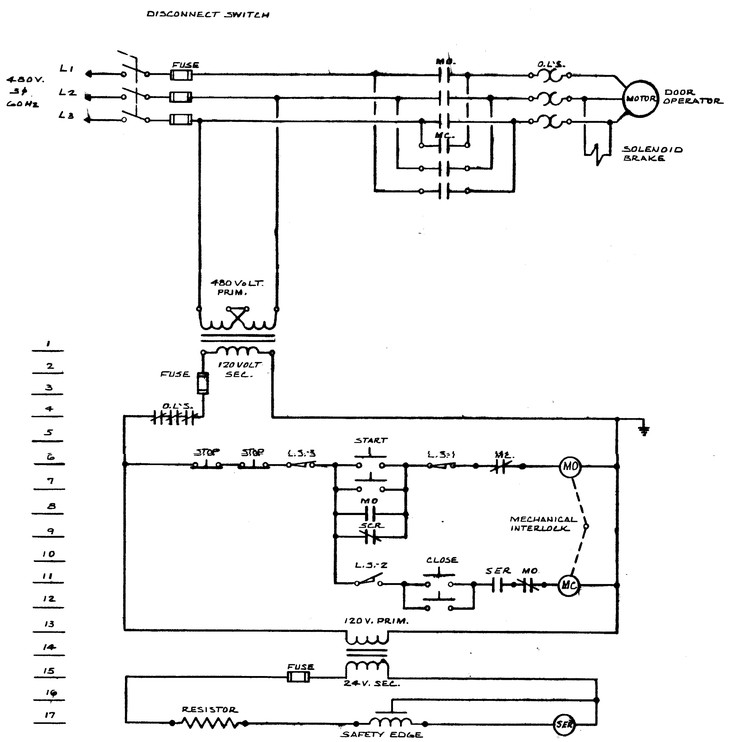
4500
P.E. & C. PROJECT NUMBER

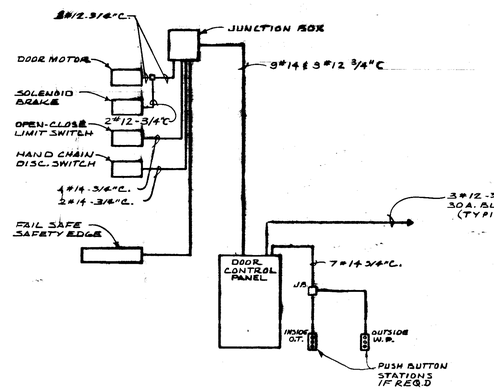
DATE 5-18-77

DRAWN BY F.J.H.

JOB CAPT. J WALDMAN
J HONKEL

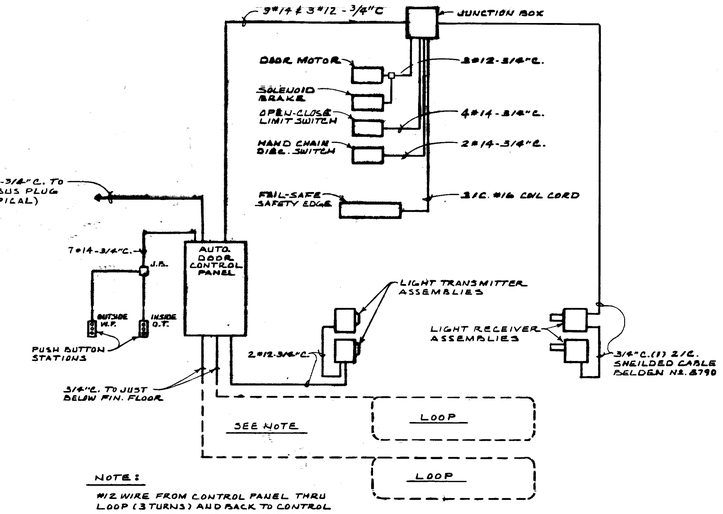
E-83
SHEET NUMBER




PUSH BUTTON DOOR CONTROL RISER

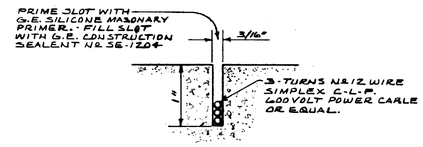
NOT TO SCALE




NOTE:
#12 WIRE FROM CONTROL PANEL THRU LOOP (3 TURNS) AND BACK TO CONTROL PANEL. WIRES MUST BE TWISTED TOGETHER FROM POINT WHERE THEY LEAVE SAW CUT IN FLOOR TO CONNECTION IN PANEL. SEE SAWCUT DETAIL, THIS SHEET.

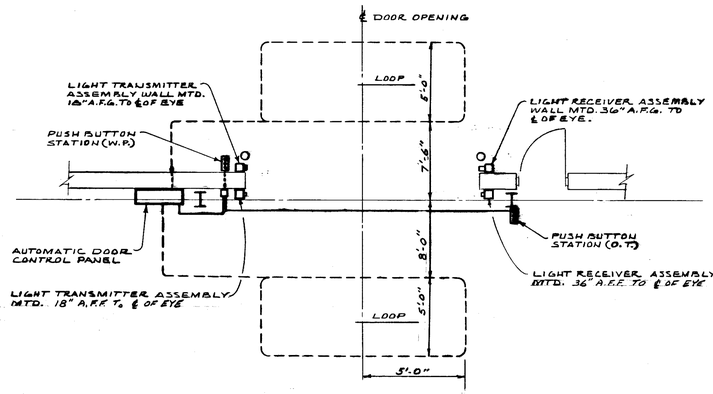
AUTOMATIC DOOR CONTROL RISER

NOT TO SCALE



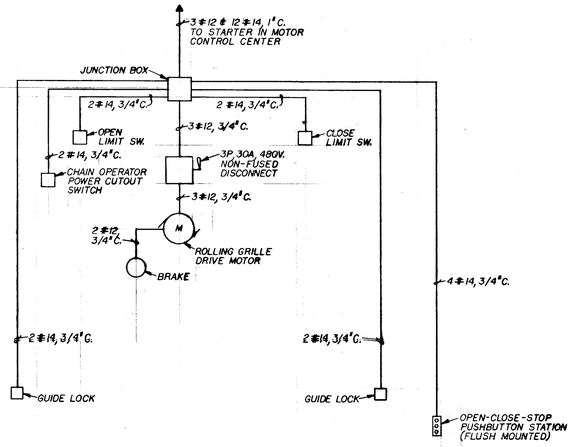

SAWCUT DETAIL
SHOWN AT LOOP

NOT TO SCALE



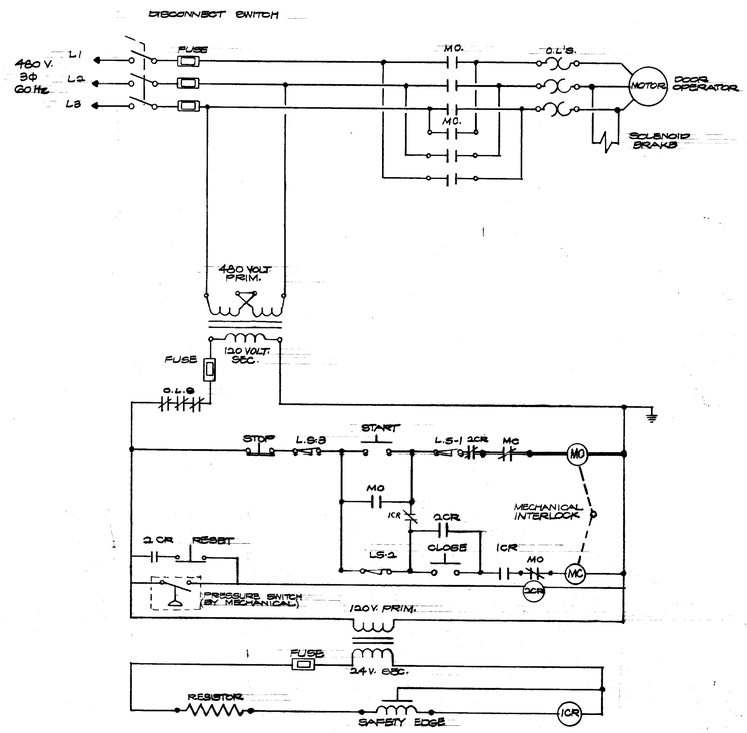

TYPICAL AUTOMATIC DOOR CONTROL-PLAN

NOT TO SCALE




ROLLING GRILLE RISER DIAGRAM

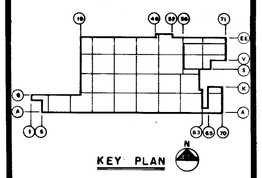
TYPICAL FOR ROLLING GRILLES M88, M89




SCHEMATIC @ DOORS #38, 39 & 75

NO SCALE

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL-20 | | |



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EID 503 | 3-30-79 | W.S. | | |
| FOR REFERENCE ONLY EID 366 | 10-23-78 | TJ | | |
| EID 29 | 4-25-78 | JK | | |
| BULL 71 | 8-10-77 | JK | | |
| BULL 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
ARGON
DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
GM ASSEMBLY DIVISION
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

DOOR SCHEMATICS & RISER DIAGRAMS

SHEET TITLE

OWNER'S IDENTIFICATION

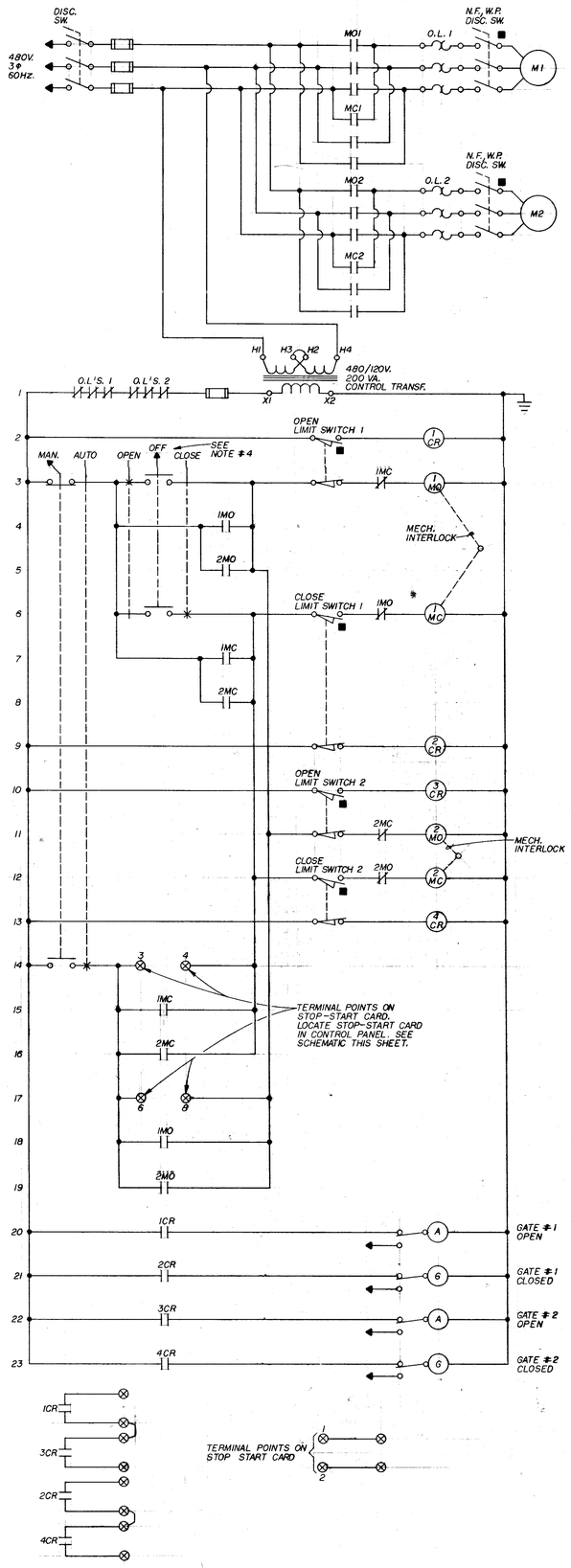
4500
P. E. & C. PROJECT NUMBER

DATE 5-18-77

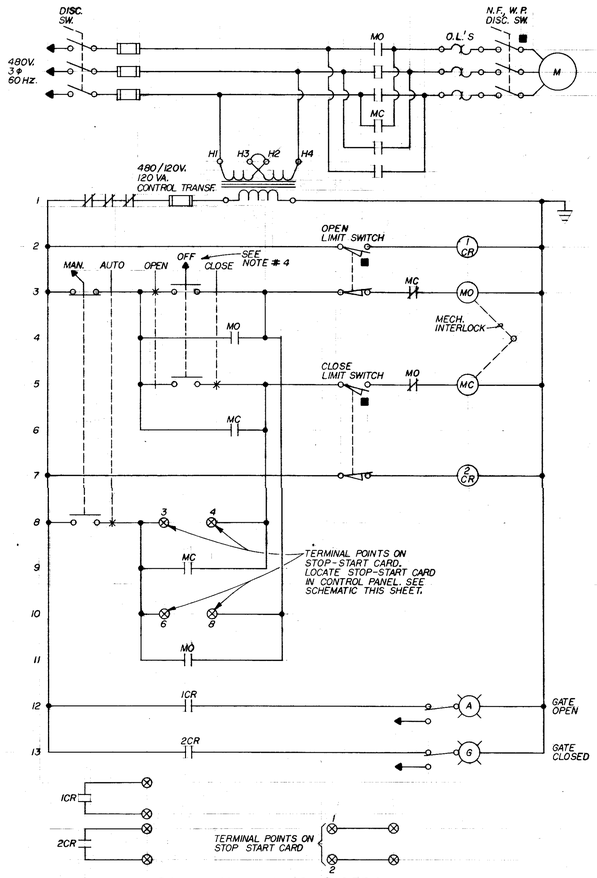
DRAWN BY R.H.W.

JOB CAPT. J. WALDROP J. KONKEL

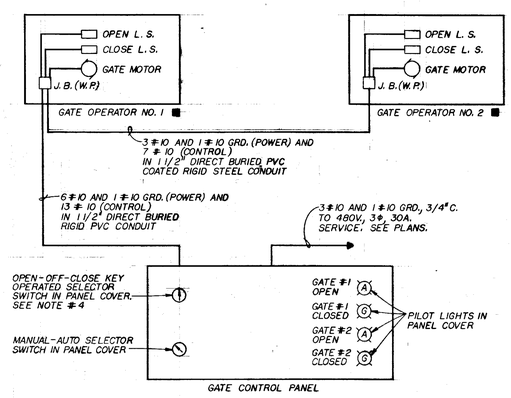
E-84
SHEET NUMBER



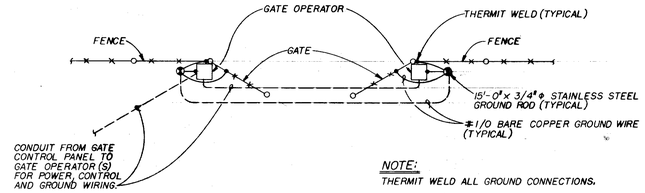

## CONTROL WIRING DIAGRAM
## TYPICAL FOR DOUBLE SWING GATES
NOT TO SCALE




## CONTROL WIRING DIAGRAM
## TYPICAL FOR SINGLE SWING GATES
NOT TO SCALE

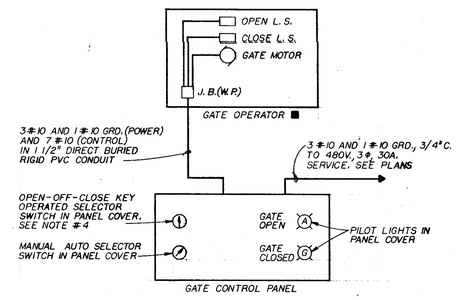



## RISER DIAGRAM
## TYPICAL FOR DOUBLE SWING GATES
NOT TO SCALE

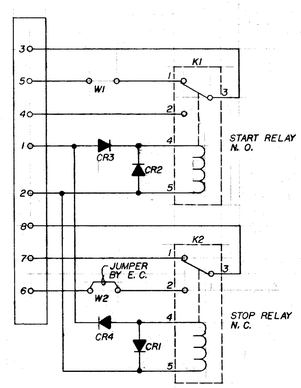



NOTE:
THERMIT WELD ALL GROUND CONNECTIONS.

## TYPICAL GATE GROUNDING PLAN
NOT TO SCALE




## RISER DIAGRAM
## TYPICAL FOR SINGLE SWING GATES
NOT TO SCALE




## TYPICAL STOP-START CARD
## FOR SWING GATES
NOT TO SCALE

NOTES FOR GATE CONTROL WIRING DIAGRAMS:

1. ⊗ INDICATES FACILITIES MONITORING SYSTEM TERMINAL.
2. ■ INDICATES DEVICE LOCATED AT MOTOR. ALL OTHER DEVICES TO BE LOCATED AT STARTER.
3. SEE SHEETS E-81 AND E-401 FOR GATE OPERATOR AND GATE CONTROL PANEL LOCATIONS.
4. SELECTOR SWITCH SHALL BE KEY OPERATED, SPRING RETURN TO OFF POSITION. SQUARE "D" CAT. NO. KY-194 WITHOUT CAST ALUMINUM ENCLOSURE OR EQUAL. THE SAME KEY SHALL OPERATE BOTH RAILROAD SWING GATE PANELS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL'N. 20 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO 923 | 5-10-78 | T.J. | | |
| BULL. 6 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ELECTRICALLY OPERATED GATES
SCHEMATIC AND RISER DIAGRAMS

SHEET TITLE

OWNER'S IDENTIFICATION

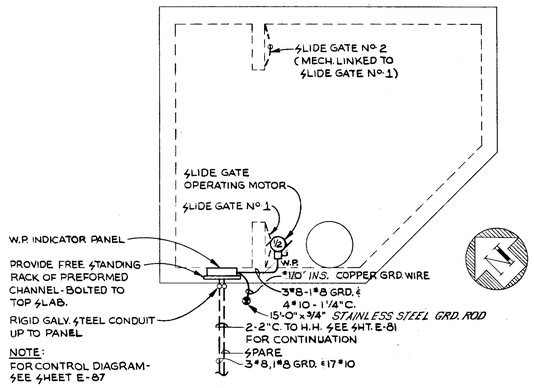
4500
P. E. & C. PROJECT NUMBER

DATE 5-18-77

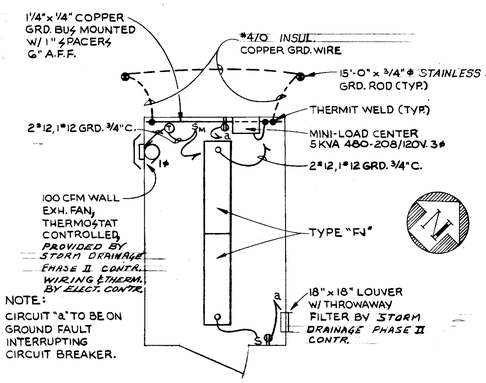
DRAWN BY S. GORDCAK

JOB CAPT. G. YOUNG, J. KONKLE

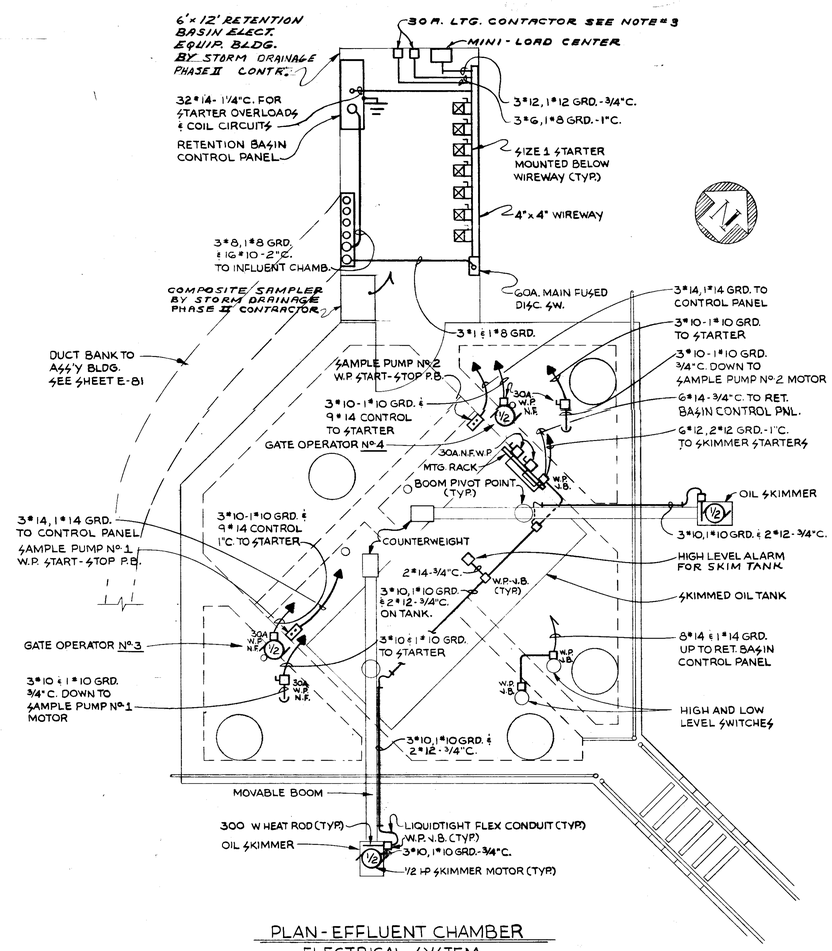
E-85
SHEET NUMBER




PLAN - INFLUENT CHAMBER
ELECTRICAL SYSTEM
SCALE: 3/8" = 1'-0"




PLAN - RETENTION BASIN
ELECT. EQUIP. BLDG.
POWER, LIGHTING, & GROUNDING
SCALE: 3/8" = 1'-0"




PLAN - EFFLUENT CHAMBER
ELECTRICAL SYSTEM
SCALE: 3/8" = 1'-0"

NOTES:

1. SEE SHEET E-81 FOR SIZES, LOCATIONS, AND WIRE FILL OF UNDERGROUND DUCT BANKS.
2. SEE SHEET Nº E-87 FOR CONTROL WIRING DIAGRAM OF RETENTION BASIN ELECT. SYSTEM.
3. SEE SHEET Nº E-50 FOR STREET LIGHTING CIRCUITS FED FROM RETENTION BASIN ELECT. EQUIP. BLDG.
4. CONDUIT TO BE RUN IN INFLUENT & EFFLUENT CHAMBER SLABS. COORDINATE WITH STORM DRAINAGE PHASE II CONTRACTOR

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-16-77 | BULL'N 20 | | |
| 7-15-77 | 75% IN BY RING PHASE II B.O. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 347 | 9-18-78 | J.K. | | |
| BULL #54 | 7-25-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGO

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
465 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

RETENTION BASIN
POWER AND
LIGHTING PLANS

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

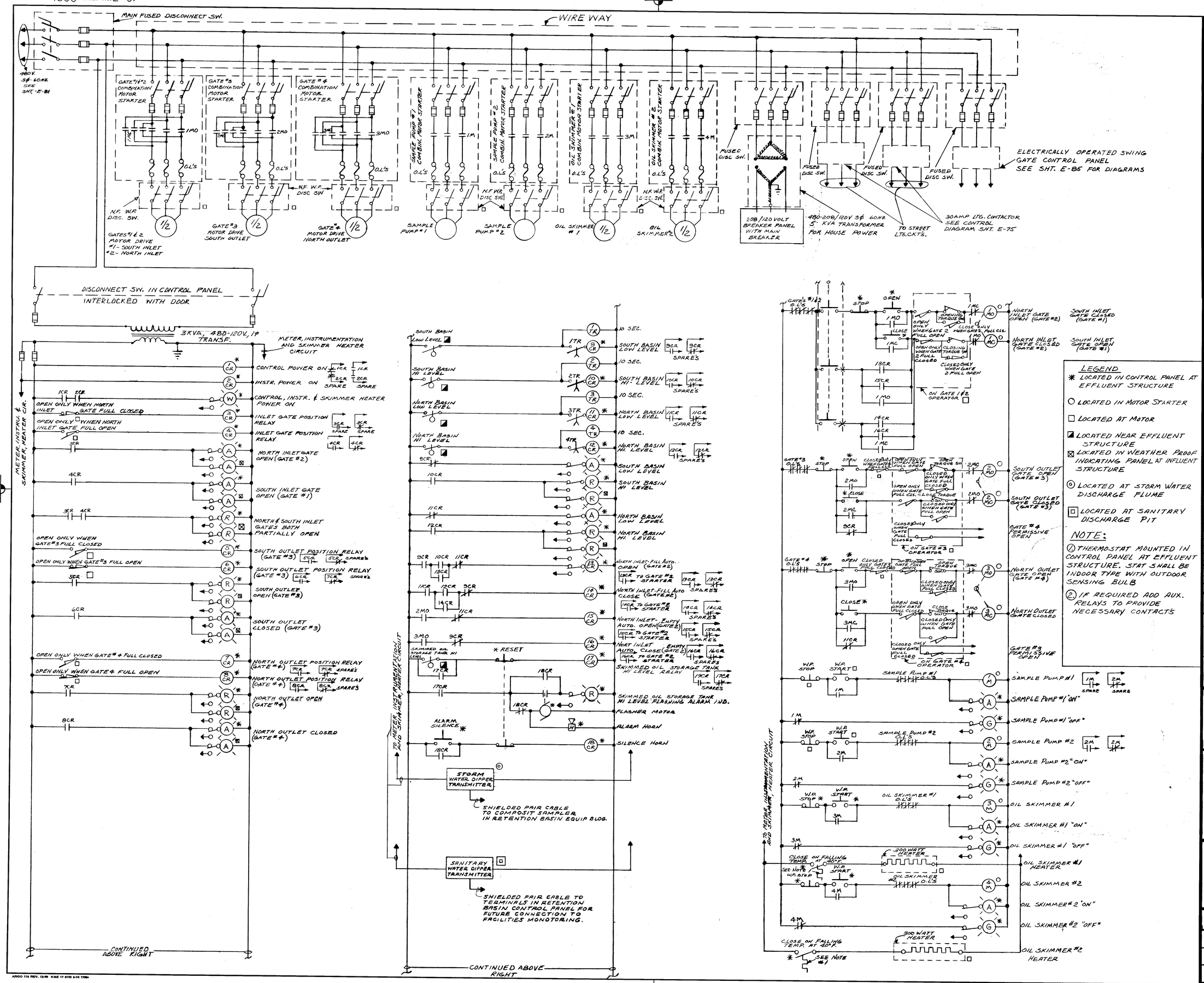
DATE 5-18-77

DRAWN BY B. COBURN

JOB CAPT. G. YOUNG
J. KONKLE

E-86
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-87




## LEGEND

- ✱ LOCATED IN CONTROL PANEL AT EFFLUENT STRUCTURE
- ○ LOCATED IN MOTOR STARTER
- □ LOCATED AT MOTOR
- ◪ LOCATED NEAR EFFLUENT STRUCTURE
- ⊠ LOCATED IN WEATHER PROOF INDICATING PANEL AT INFLUENT STRUCTURE
- ⊙ LOCATED AT STORM WATER DISCHARGE FLUME
- □ LOCATED AT SANITARY DISCHARGE PIT

## NOTE:

1. THERMOSTAT MOUNTED IN CONTROL PANEL AT EFFLUENT STRUCTURE. STAT SHALL BE INDOOR TYPE WITH OUTDOOR SENSING BULB
2. IF REQUIRED ADD AUX. RELAYS TO PROVIDE NECESSARY CONTACTS

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5/18/77 | BULL'N 20 | | |
| BULL 20 | 11-15-77 | J.K. | |
| BULL 64 | 7-25-77 | J.K. | |
| BULL 61 | 7-7-77 | J.K. | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
468 WEST WILMINGER AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

RETENTION BASIN CONTROL DIAGRAM

SHEET TITLE

OWNER'S IDENTIFICATION

DATE 5-18-77

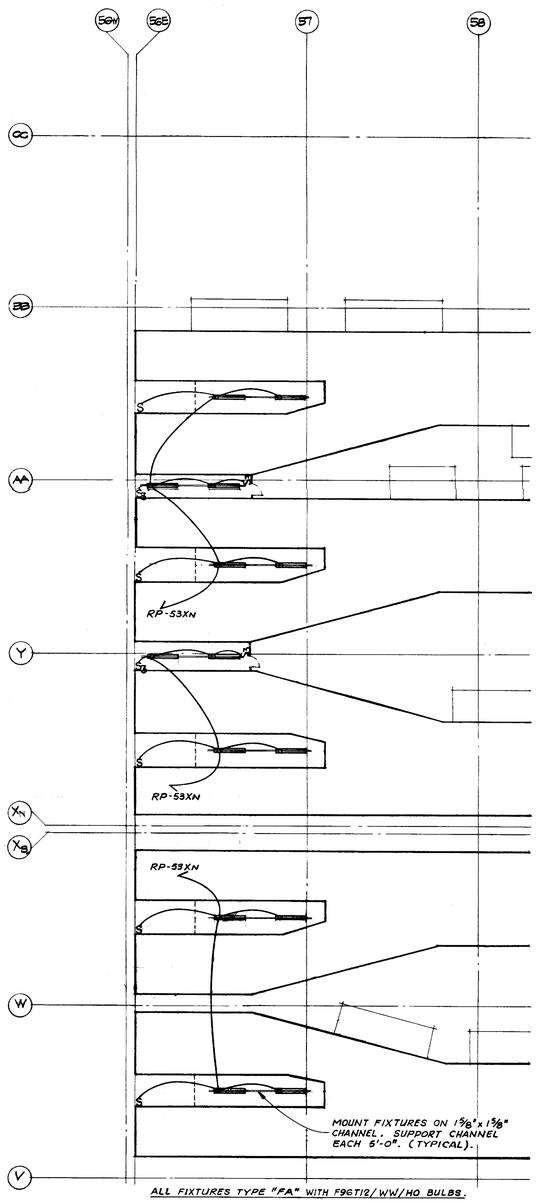
DRAWN BY D. WADE

JOB CAPT. G. YOUNG J. KONKLE

4500 P.E. & C. PROJECT NUMBER

E-87 SHEET NUMBER

ARGO 118 REV. 12-69 KAE 17 0133 2-74 1798




PLAN - OVEN PASSAGEWAYS LIGHTING

SCALE: 1/16" = 1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 1-10-79 | BULL 176 | [illegible] | [illegible] |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
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OKLAHOMA INDUSTRIES AUTHORITY
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**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
OVEN PASSAGEWAYS
LIGHTING

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E. & C. PROJECT NUMBER

DATE 1-10-79

DRAWN BY L. BALLIETT

JOB CAPT. W. SHEPPARD

E-88
SHEET NUMBER

ARGO 149 K&E 17 0153 8-74 3027+

PROJECT NO. 4500 SHEET NO. E-90

# 480 V.-3ø MOTOR STARTER SCHEDULE

| EQUIPMENT DESIGNATION | EQUIPMENT NOMENCLATURE | NO. REQUIRED | HORSEPOWER | NEMA SIZE | CAPACITOR KVAR | STARTER LOCATION | TYPE OF CONTROL: START-STOP PUSHBUTTON | ON-OFF SELECTOR SW. | HAND-OFF-AUTO SELECTOR SW. | SUMMER-WINTER SELECTOR SW. | ELECTRIC THERMOSTAT | AMBER ON GREEN OFF RUNNING LIGHTS | SEE SCHEMATIC DIAGRAM TYPE | INTERLOCKED WITH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| REV-1 | ROOF EXHAUST VENT. | 1 | 1½ | 1 | – | MCC-1 | | | ▲ | | | ▲ | C | AC-2 | DAMPER MTR. & LIMIT SW. |
| REV-2 | | 1 | ¾ | 1 | – | | | | ▲ | | | ▲ | C | AC-2 | |
| REV-3 | | 1 | ¾ | 1 | – | | | | ▲ | | | ▲ | D | AC-2 | |
| REV-4 | | 1 | 1½ | 1 | – | | | | ▲ | | | ▲ | C | AC-1 | |
| REV-5 | | 1 | 1 | 1 | – | | | | ▲ | | | ▲ | C | AC-1 | |
| REV-6 | | 1 | ⅙ | 1 | – | | | | ▲ | | | ▲ | C | AC-1 | |
| REV-7 | | 1 | 2 | 1 | – | MCC-2 | | | ▲ | | | ▲ | C | AC-3 | |
| REV-8 | | 1 | 3/4 | 1 | – | | | | ▲ | | | ▲ | C | AC-3 | |
| REV-9 | | 1 | ½ | 1 | – | | | | ▲ | | | ▲ | C | AC-3 | |
| REV-10 | | 1 | 3/4 | 1 | – | | | | ▲ | | | ▲ | D | AC-3 | |
| REV-11 | | 1 | 1½ | 1 | – | | | | ▲ | | | ▲ | C | AC-4 | |
| REV-12 | | 1 | 1 | 1 | – | | | | ▲ | | | ▲ | C | AC-4 | |
| REV-13 | | 1 | ⅙ | 1 | – | | | | ▲ | | | ▲ | C | AC-4 | |
| REV-14 | | 1 | 1 | 1 | – | MCC-3 | | | ▲ | | | ▲ | C | AC-7 | |
| REV-15 | | 1 | 1½ | 1 | – | | | | ▲ | | | ▲ | C | AC-7 | |
| REV-16 | | 1 | ⅙ | 1 | – | | | | ▲ | | | ▲ | D | AC-7 | |
| REV-17 | | 1 | 1 | 1 | – | | | | ▲ | | | ▲ | C | AC-6 | |
| REV-18 | | 1 | ½ | 1 | – | | | | ▲ | | | ▲ | C | AC-6 | |
| REV-19 | | 1 | 1½ | 1 | – | | | | ▲ | | | ▲ | C | AC-6 | |
| REV-20 | | 1 | ⅛ | 1 | – | COL. CD-10½ | | ■ | | | | ▲ | B | – | |
| REV-21 | | 1 | ⅛ | 1 | – | COL. AA-45½ | | ■ | | | | ▲ | B | – | |
| REV-22 | | 1 | ⅛ | 1 | – | COL. V-22½ | | ■ | | | | ▲ | B | – | |
| REV-23 | | 1 | ⅛ | 1 | – | COL. N-30½ | | ■ | | | | ▲ | B | – | |
| REV-24 | | 1 | ⅛ | 1 | – | COL. G-35½ | | ■ | | | | ▲ | B | – | |
| REV-25 | | 1 | ⅛ | 1 | – | COL. P-52½ | | ■ | | | | ▲ | B | – | |
| REV-26 | | 1 | ⅙ | 1 | – | COL. Q-59 | | ■ | | | | ▲ | M | – | |
| REV-27 | | 1 | ⅛ | 1 | – | COL. A-69 | | ■ | | | | ▲ | M | – | |
| REV-28 | | 1 | 3 | 1 | – | MCC-WW2 | | | ▲ | | ■ | ▲ | E | – | DAMPER MTR'S & LIMIT SW'S. |
| REV-29 | | 1 | 3 | 1 | – | MCC-WW3 | | | ▲ | | ■ | ▲ | E | – | |
| REV-30 | | 1 | 3 | 1 | – | MCC-WW4 | | | ▲ | | ■ | ▲ | E | – | |
| REV-31 | | 1 | 3 | 1 | – | MCC-WW1 | | | ▲ | | ■ | ▲ | E | – | |
| REV-32 | | 1 | 5 | 1 | – | COL. CC-34 | | | ▲ | | ■ | ▲ | F | – | DAMPER MTR'S. |
| REV-33 | | 1 | 5 | 1 | – | COL. BB-36 | | | ▲ | | ■ | ▲ | F | – | |
| REV-34 | | 1 | 5 | 1 | – | COL. CC-38 | | | ▲ | | ■ | ▲ | F | – | |
| REV-35 | | 1 | 5 | 1 | – | COL. BB-41 | | | ▲ | | ■ | ▲ | F | – | |
| REV-36 | | 1 | 5 | 1 | – | COL. CC-44 | | | ▲ | | ■ | ▲ | F | – | |
| REV-37 | | 1 | 5 | 1 | – | COL. BB-46 | | | ▲ | | ■ | ▲ | F | – | |
| REV-38 | | 1 | 5 | 1 | – | COL. CC-50 | | | ▲ | | ■ | ▲ | F | – | |
| REV-39 | | 1 | 3 | 1 | – | COL. Y-47 | | | ▲ | | ■ | ▲ | F | – | |
| REV-40 | | 1 | 3 | 1 | – | COL. V-47 | | | ▲ | | ■ | ▲ | F | – | |
| REV-41 | | 1 | 3 | 1 | – | COL. U-49 | | | ▲ | | ■ | ▲ | F | – | |
| REV-42 | | 1 | 3 | 1 | – | COL. U-51 | | | ▲ | | ■ | ▲ | F | – | |
| REV-43 | | 1 | 3 | 1 | – | COL. T-47 | | | ▲ | | ■ | ▲ | F | – | |
| REV-44 | | 1 | 3 | 1 | – | COL. R-47 | | | ▲ | | ■ | ▲ | F | – | |
| REV-45 | | 1 | 3 | 1 | – | COL. R-52 | | | ▲ | | ■ | ▲ | F | – | |
| REV-46 | | 1 | 3 | 1 | – | COL. S-53½ | | | ▲ | | ■ | ▲ | F | – | |
| REV-47 | | 1 | 3 | 1 | – | COL. R-57 | | | ▲ | | ■ | ▲ | F | – | |
| REV-48 | | 1 | 3 | 1 | – | COL. P-52 | | | ▲ | | ■ | ▲ | F | – | |
| REV-49 | | 1 | 3 | 1 | – | COL. M-52 | | | ▲ | | ■ | ▲ | F | – | |
| REV-50 | | 1 | ⅛ | 1 | – | COL. AA-BB-25 | | ■ | | | | ▲ | B | – | DAMPER MTR. & LIMIT SW. |
| REV-51 | | 1 | ¼ | 1 | – | COL. AA-BB-25 | | ■ | | | | ▲ | B | – | |
| REV-52 | | 1 | 10 | 1 | 3 | COL. A-7 | | | ▲ | | | ▲ | G | ASH-2 | |
| REV-53 | | 1 | 15 | 2 | – | COL. A-8 | | | ▲ | | | ▲ | G | ASH-3 | |
| REV-54 | | 1 | 15 | 2 | 4 | COL. B-19 | | | ▲ | | | ▲ | G | ASH-8 | |
| REV-55 | | 1 | 15 | 2 | 4 | COL. B-9 | | | ▲ | | | ▲ | G | ASH-4 | |
| REV-56 | | 1 | 15 | 2 | 4 | COL. B-13 | | | ▲ | | | ▲ | G | ASH-5 | |
| REV-57 | | 1 | 7½ | 1 | – | COL. B-17 | | | ▲ | | | ▲ | G | ASH-7 | |
| REV-58 | | 1 | 7½ | 1 | – | COL. D-11 | | | ▲ | | | ▲ | G | ASH-4 | |
| REV-59 | | 1 | 5 | 1 | – | COL. E-16 | | | ▲ | | | ▲ | G | ASH-7 | |
| REV-60 | | 1 | 3 | 1 | – | COL. BC-G3W | | | ▲ | | | ▲ | H | ASH-201 | WATER FLOW SW. |
| REV-61 | | 1 | 3 | 1 | – | | | | ▲ | | | ▲ | H | ASH-201 | |
| REV-62 | | 1 | 3 | 1 | – | | | | ▲ | | | ▲ | H | ASH-202 | |
| REV-63 | | 1 | 3 | 1 | – | | | | ▲ | | | ▲ | H | ASH-202 | |
| REV-64 | | 1 | 3 | 1 | – | | | | ▲ | | | ▲ | H | ASH-203 | |
| REV-65 | | 1 | 3 | 1 | – | | | | ▲ | | | ▲ | H | ASH-203 | |
| REV-66 | | 1 | 1½ | 1 | – | COL. B-G9 | | | ▲ | | | ▲ | G | ASH-201 | |
| REV-67 | | 1 | 1½ | 1 | – | COL. F-G9 | | | ▲ | | | ▲ | G | ASH-202 | |
| REV-68 | | 1 | 1½ | 1 | – | COL. J-G9 | | | ▲ | | | ▲ | G | ASH-203 | |
| REV-69 | | 1 | 15 | 2 | 4 | COL. DD-46 | | | ▲ | | | ▲ | G | ASH-87 | |
| REV-70 | | 1 | 15 | 2 | 4 | COL. DD-52 | | | ▲ | | | ▲ | G | ASH-88 | |
| REV-71 | | 1 | 5 | 1 | – | COL. M-60 | | | ▲ | | | ▲ | G | ASH-210 | |
| REV-72 | | 1 | 5 | 1 | – | COL. N-61 | | | ▲ | | | ▲ | C | ASH-210 | DAMPER MTR. & LIMIT SW. |
| REV-73 | | 1 | ⅙ | 1 | – | MCC-2 | | | ▲ | | | ▲ | D | AC-5 | |
| REV-74 | | 1 | ¼ | 1 | – | MCC-2 | | | ▲ | | | ▲ | D | AC-5 | |
| REV-75 | | 1 | 10 | 1 | 3 | COL. DD-45½ | | | ▲ | | | ▲ | G | ASH-86 | |
| REV-76 | | 1 | 10 | 1 | 3 | COL. AA-44 | | | ▲ | | | ▲ | G | ASH-86 | |
| REV-77 | | 1 | 5 | 1 | – | COL. B-20 | ▲ | | | | | ▲ | J | – | |
| REV-78 | | 1 | 5 | 1 | – | COL. G-31½ | ▲ | | | | | ▲ | J | – | |
| REV-79 | | 1 | 5 | 1 | – | COL. V-53 | | | ▲ | | | ■ | G | ASH-208 | |
| REV-80 | | 1 | 5 | 1 | – | COL. A-9 | ▲ | | | | | ▲ | J | – | |
| REV-82 | | 1 | ¼ | * | * | ROOM M2-65 | – | – | * | * | – | * | * | – | 120V. MANUAL MOTOR STARTER WITH PILOT L.T. |
| RRF-1 | RAIL ROAD FAN | 1 | 10 | 1 | 3 | COL. T-24 | | | ▲ | ▲ | | ▲ | A | – | DAMPER MTR'S. & LIMIT SW'S. |
| RRF-2 | | 1 | 10 | 1 | 3 | COL. P-24 | | | ▲ | ▲ | | ▲ | A | – | |
| RRF-3 | | 1 | 10 | 1 | 3 | COL. T-36 | | | ▲ | ▲ | | ▲ | A | – | |
| RRF-4 | | 1 | 10 | 1 | 3 | COL. P-36 | | | ▲ | ▲ | | ▲ | A | – | |
| RRF-5 | | 1 | 10 | 1 | 3 | COL. T-47 | | | ▲ | ▲ | | ▲ | A | – | |
| RRF-6 | | 1 | 10 | 1 | 3 | COL. P-47 | | | ▲ | ▲ | | ▲ | A | – | |
| RRF-7 | | 1 | 10 | 1 | – | COL. P-51 | | | ▲ | ▲ | | ▲ | A | – | |
| RRF-8 | | 1 | 10 | 1 | – | COL. P-56 | | | ▲ | ▲ | | ▲ | A | – | |
| CEF-1 | CAR EXHAUST FAN | 1 | 5 | 1 | – | COL. C-15E | ▲ | | | | | ▲ | J | – | |

| EQUIPMENT DESIGNATION | EQUIPMENT NOMENCLATURE | NO. REQUIRED | HORSEPOWER | NEMA SIZE | CAPACITOR KVAR | STARTER LOCATIONS | TYPE OF CONTROL: START-STOP PUSH-BUTTON | ON-OFF SELECTOR SW. | HAND-OFF-AUTO SELECTOR SW. | SUMMER-WINTER SELECTOR SW. | ELECTRIC THERMOSTAT | AMBER ON GREEN OFF RUNNING LIGHTS | SEE SCHEMATIC DIAGRAM TYPE | INTERLOCKED WITH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WWP-1 | WELDER WATER PUMP | 1 | 200 | 5 | 37.5 | MCC-WW-4 | | | | | | | | | FOR CONTROLS SEE SHEETS E-47 & E-48 |
| WWP-2 | | 1 | 200 | 5 | 37.5 | MCC-WW-3 | | | | | | | | | |
| WWP-3 | | 1 | 200 | 5 | 37.5 | MCC-WW-2 | | | | | | | | | |
| WWP-4 | | 1 | 200 | 5 | 37.5 | MCC-WW-2 | | | | | | | | | |
| WWP-5 | | 1 | 200 | 5 | 37.5 | MCC-WW-1 | | | | | | | | | |
| WCWP-1 | WELDER CONDENSER WTR. PUMP | 1 | 100 | 4 | 21 | MCC-WW-4 | | | | | | | | | |
| WCWP-2 | | 1 | 100 | 4 | 21 | MCC-WW-4 | | | | | | | | | |
| WCWP-3 | | 1 | 100 | 4 | 21 | MCC-WW-3 | | | | | | | | | |
| WCWP-4 | | 1 | 100 | 4 | 21 | MCC-WW-1 | | | | | | | | | |
| WCWP-5 | | 1 | 100 | 4 | 21 | MCC-WW-1 | | | | | | | | | |
| RWP-1 | RECLAIMED WATER PUMP | 1 | 2 | 1 | – | MCC-WW-1 | | | | | | | | | |
| RWP-2 | | 1 | 2 | 1 | – | MCC-WW-2 | | | | | | | | | |
| WTP-1 | WATER TREATMENT PUMP | 1 | ⅓ | 1 | – | WATER TREATMENT PANEL #1 | | | | | | | | | PAINTER W/IRING ONLY BY ELECT. |
| WTP-2 | | 1 | ⅓ | 1 | – | WATER TREATMENT PANEL #1 | | | | | | | | | |
| WTP-3 | | 1 | ⅓ | 1 | – | WATER TREATMENT PANEL #2 | | | | | | | | | |
| WTP-4 | | 1 | ⅓ | 1 | – | WATER TREATMENT PANEL #2 | | | | | | | | | |
| CR-1 | CONDENSATE RECEIVER | 2 | ⅓ | 1 | – | COL. F-1 | | | ▲ | | | ▲ | K | | DUPLEX PUMP W/MECH. ALT. |
| CR-2 | | 2 | ⅓ | 1 | – | COL. C-5 | | | ▲ | | | ▲ | K | | |
| CR-3 | | 2 | ⅓ | 1 | – | COL. G-7 | | | ▲ | | | ▲ | K | | |
| CR-4 | | 2 | 5 | 1 | – | COL. C-11 | | | ▲ | | | ▲ | K | | |
| CR-5 | | 2 | 2 | 1 | – | COL. Q-16 | | | ▲ | | | ▲ | K | | |
| CR-6 | | 2 | 2 | 1 | – | COL. J-23W | | | ▲ | | | ▲ | K | | |
| CR-7 | | 2 | 2 | 1 | – | COL. M-19 | | | ▲ | | | ▲ | K | | |
| CR-8 | | 2 | 3 | 1 | – | COL. P-16 | | | ▲ | | | ▲ | K | | |
| CR-9 | | 2 | 2 | 1 | – | COL. AA-24 | | | ▲ | | | ▲ | K | | |
| CR-10 | | 2 | ½ | 1 | – | COL. EE-44 | | | ▲ | | | ▲ | K | | |
| CR-11 | | 2 | 5 | 1 | – | COL. QE-59 | | | ▲ | | | ▲ | K | | |
| CR-12 | | 2 | 5 | 1 | – | COL. L-59 | | | ▲ | | | ▲ | K | | |
| CR-13 | | 2 | 2 | 1 | – | COL. F-54 | | | ▲ | | | ▲ | K | | |
| CR-14 | | 2 | 2 | 1 | – | COL. J-70 | | | ▲ | | | ▲ | K | | |
| CR-15 | | 2 | 3 | 1 | – | COL. A-69 | | | ▲ | | | ▲ | K | | |
| CR-16 | | 2 | ⅛ | 1 | – | COL. AA-80 | | | ▲ | | | ▲ | K | | |
| CR-17 | | 2 | ⅛ | 1 | – | COL. DD-62 | | | ▲ | | | ▲ | K | | |
| CR-18 | | 2 | 15 | 2 | 4 | COL. XN-43 | | | ▲ | | | ▲ | K | | |
| SP-P5 | SUMP PUMP-PAINT SHOP PRENWY | 2 | 5 | 1 | – | COL. VV-59½ | | | ▲ | | | ▲ | – | | DUPLEX SUMP PUMP WITH PROBE ALTERNATOR |
| VU-1 | VENTILATING UNIT | 1 | 25 | 2 | G | TRANSF. RM. #1 | | | ▲ | | ■ | ▲ | F | | DAMPER MTR'S. |
| VU-2 | | 1 | 25 | 2 | G | TRANSF. RM. #2 | | | ▲ | | ■ | ▲ | F | | |
| VU-3 | | 1 | 25 | 2 | G | TRANSF. RM. #3 | | | ▲ | | ■ | ▲ | F | | |
| VU-4 | | 1 | 25 | 2 | G | TRANSF. RM. #4 | | | ▲ | | ■ | ▲ | F | | |
| VU-5 | | 1 | 25 | 2 | G | TRANSF. RM. #5 | | | ▲ | | ■ | ▲ | F | | |
| VU-6 | | 1 | 25 | 2 | G | TRANSF. RM. #6 | | | ▲ | | ■ | ▲ | F | | |
| VU-7A | | 1 | 25 | 2 | G | TRANSF. RM. #7 | | | ▲ | | ■ | ▲ | F | | |
| VU-7B | | 1 | 25 | 2 | G | TRANSF. RM. #7 | | | ▲ | | ■ | ▲ | F | | |
| VU-8A | | 1 | 25 | 2 | G | TRANSF. RM. #8 | | | ▲ | | ■ | ▲ | F | | |
| VU-8B | | 1 | 25 | 2 | G | TRANSF. RM. #8 | | | ▲ | | ■ | ▲ | F | | |
| SHEV-21 | SMOKE & HEAT RELEASE VENT | 1 | 1 | 1 | – | COL. C-6 | | | | | | ▲ | L | ASH-2 | |
| SHEV-22 | | 1 | 1 | 1 | – | COL. C-9 | | | | | | ▲ | L | ASH-3 | |
| SHEV-23 | | 1 | 1 | 1 | – | COL. C-10 | | | | | | ▲ | L | ASH-4 | |
| SHEV-24 | | 1 | 1 | 1 | – | COL. C-11 | | | | | | ▲ | L | ASH-5 | |
| SHEV-25 | | 1 | 1 | 1 | – | COL. C-14 | | | | | | ▲ | L | ASH-6 | |
| SHEV-26 | | 1 | 1 | 1 | – | COL. C-17 | | | | | | ▲ | L | ASH-7 | |
| SHEV-27 | | 1 | 1 | 1 | – | COL. C-18 | | | | | | ▲ | L | ASH-8 | |
| SHEV-28 | | 1 | 1 | 1 | – | COL. D-21 | | | | | | ▲ | L | ASH-9 | |
| SHEV-29 | | 1 | 1 | 1 | – | COL. D-23W | | | | | | ▲ | L | ASH-10 | |
| SHEV-30 | | 1 | 1 | 1 | – | COL. D-25 | | | | | | ▲ | L | ASH-11 | |
| SHEV-31 | | 1 | 1 | 1 | – | COL. D-27 | | | | | | ▲ | L | ASH-12 | |
| SHEV-32 | | 1 | 1 | 1 | – | COL. D-28 | | | | | | ▲ | L | ASH-13 | |
| SHEV-33 | | 1 | 1 | 1 | – | COL. D-31 | | | | | | ▲ | L | ASH-14 | |
| SHEV-34 | | 1 | 1 | 1 | – | COL. D-32 | | | | | | ▲ | L | ASH-15 | |
| SHEV-35 | | 1 | 1 | 1 | – | COL. D-35 | | | | | | ▲ | L | ASH-16 | |
| SHEV-36 | | 1 | 1 | 1 | – | COL. D-37 | | | | | | ▲ | L | ASH-17 | |
| SHEV-37 | | 1 | 1 | 1 | – | COL. D-39 | | | | | | ▲ | L | ASH-18 | |
| SHEV-38 | | 1 | 1 | 1 | – | COL. D-40 | | | | | | ▲ | L | ASH-19 | |
| SHEV-39 | | 1 | 1 | 1 | – | COL. D-42 | | | | | | ▲ | L | ASH-20 | |
| SHEV-40 | | 1 | 1 | 1 | – | COL. D-45 | | | | | | ▲ | L | ASH-21 | |

| EQUIPMENT DESIGNATION | EQUIPMENT NOMENCLATURE | NO. REQUIRED | HORSEPOWER | NEMA SIZE | CAPACITOR KVAR | STARTER LOCATIONS | TYPE OF CONTROL: START-STOP PUSH-BUTTON | ON-OFF SELECTOR SW. | HAND-OFF-AUTO SELECTOR SW. | SUMMER-WINTER SELECTOR SW. | ELECTRIC THERMOSTAT | AMBER ON GREEN OFF RUNNING LIGHTS | SEE SCHEMATIC DIAGRAM TYPE | INTERLOCKED WITH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHEV-41 | SMOKE & HEAT RELEASE VENT | 1 | 1 | 1 | – | COL. D-47 | | | | | | ▲ | L | ASH-22 | P.E. & LIMIT SWITCHES |
| SHEV-42 | | 1 | 1 | 1 | – | COL. D-46 | | | | | | ▲ | L | ASH-23 | |
| SHEV-43 | | 1 | 1 | 1 | – | COL. D-50 | | | | | | ▲ | L | ASH-24 | |
| SHEV-44 | | 1 | 1 | 1 | – | COL. D-51 | | | | | | ▲ | L | ASH-25 | |
| SHEV-45 | | 1 | 1 | 1 | – | COL. D-55 | | | | | | ▲ | L | ASH-26 | |
| SHEV-46 | | 1 | 1 | 1 | – | COL. D-56 | | | | | | ▲ | L | ASH-27 | |
| SHEV-47 | | 1 | 1 | 1 | – | COL. D-58 | | | | | | ▲ | L | ASH-28 | |
| SHEV-48 | | 1 | 1 | 1 | – | COL. D-59 | | | | | | ▲ | L | ASH-29 | |
| SHEV-96 | | 1 | 1 | 1 | – | COL. F-4 | | | | | | ▲ | L | ASH-1 | |
| SHEV-138 | | 1 | 1 | 1 | – | COL. J-25 | | | | | | ▲ | L | ASH-33 | |
| SHEV-140 | | 1 | 1 | 1 | – | COL. J-26 | | | | | | ▲ | L | ASH-34 | |
| SHEV-142 | | 1 | 1 | 1 | – | COL. J-29 | | | | | | ▲ | L | ASH-35 | |
| SHEV-144 | | 1 | 1 | 1 | – | COL. J-30 | | | | | | ▲ | L | ASH-36 | |
| SHEV-146 | | 1 | 1 | 1 | – | COL. J-33 | | | | | | ▲ | L | ASH-37 | |
| SHEV-148 | | 1 | 1 | 1 | – | COL. J-35 | | | | | | ▲ | L | ASH-38 | |
| SHEV-150 | | 1 | 1 | 1 | – | COL. J-37 | | | | | | ▲ | L | ASH-39 | |
| SHEV-152 | | 1 | 1 | 1 | – | COL. J-38 | | | | | | ▲ | L | ASH-40 | |
| SHEV-154 | | 1 | 1 | 1 | – | COL. J-40 | | | | | | ▲ | L | ASH-41 | |
| SHEV-156 | | 1 | 1 | 1 | – | COL. J-43 | | | | | | ▲ | L | ASH-42 | |
| SHEV-158 | | 1 | 1 | 1 | – | COL. J-43 | | | | | | ▲ | L | ASH-43 | |
| SHEV-160 | | 1 | 1 | 1 | – | COL. J-46 | | | | | | ▲ | L | ASH-44 | |
| SHEV-162 | | 1 | 1 | 1 | – | COL. J-49 | | | | | | ▲ | L | ASH-45 | |
| SHEV-164 | | 1 | 1 | 1 | – | COL. J-50 | | | | | | ▲ | L | ASH-46 | |
| SHEV-166 | | 1 | 1 | 1 | – | COL. K-53 | | | | | | ▲ | L | ASH-47 | |
| SHEV-168 | | 1 | 1 | 1 | – | COL. J-53 | | | | | | ▲ | L | ASH-48 | |
| SHEV-170 | | 1 | 1 | 1 | – | COL. J-55 | | | | | | ▲ | L | ASH-49 | |
| SHEV-172 | | 1 | 1 | 1 | – | COL. J-57 | | | | | | ▲ | L | ASH-50 | |
| SHEV-175 | | 1 | 1 | 1 | – | COL. K-20 | | | | | | ▲ | L | ASH-51 | |
| SHEV-176 | | 1 | 1 | 1 | – | COL. K-23W | | | | | | ▲ | L | ASH-52 | |
| SHEV-208 | | 1 | 1 | 1 | – | COL. P-21 | | | | | | ▲ | L | ASH-52 | |
| SHEV-211 | | 1 | 1 | 1 | – | COL. P-25 | | | | | | ▲ | L | ASH-53 | |
| SHEV-213 | | 1 | 1 | 1 | – | COL. P-29 | | | | | | ▲ | L | ASH-54 | |
| SHEV-218 | | 1 | 1 | 1 | – | COL. P-32 | | | | | | ▲ | L | ASH-55 | |
| SHEV-221 | | 1 | 1 | 1 | – | COL. P-37 | | | | | | ▲ | L | ASH-56 | |
| SHEV-225 | | 1 | 1 | 1 | – | COL. P-41 | | | | | | ▲ | L | ASH-57 | |
| SHEV-229 | | 1 | 1 | 1 | – | COL. P-49 | | | | | | ▲ | L | ASH-58 | |
| SHEV-233 | | 1 | 1 | 1 | – | COL. P-53 | | | | | | ▲ | L | ASH-59 | |
| SHEV-258 | | 1 | 1 | 1 | – | COL. U-20 | | | | | | ▲ | L | ASH-60 | |
| SHEV-260 | | 1 | 1 | 1 | – | COL. U-21 | | | | | | ▲ | L | ASH-61 | |
| SHEV-262 | | 1 | 1 | 1 | – | COL. U-25 | | | | | | ▲ | L | ASH-62 | |
| SHEV-264 | | 1 | 1 | 1 | – | COL. U-27 | | | | | | ▲ | L | ASH-63 | |
| SHEV-266 | | 1 | 1 | 1 | – | COL. U-28 | | | | | | ▲ | L | ASH-64 | |
| SHEV-268 | | 1 | 1 | 1 | – | COL. U-31E | | | | | | ▲ | L | ASH-65 | |
| SHEV-270 | | 1 | 1 | 1 | – | COL. U-32 | | | | | | ▲ | L | ASH-66 | |
| SHEV-272 | | 1 | 1 | 1 | – | COL. U-35 | | | | | | ▲ | L | ASH-67 | |
| SHEV-274 | | 1 | 1 | 1 | – | COL. U-36 | | | | | | ▲ | L | ASH-68 | |
| SHEV-276 | | 1 | 1 | 1 | – | COL. U-37 | | | | | | ▲ | L | ASH-69 | |
| SHEV-278 | | 1 | 1 | 1 | – | COL. U-39 | | | | | | ▲ | L | ASH-70 | |
| SHEV-305 | | 1 | 1 | 1 | – | COL. X-41 | | | | | | ▲ | L | ASH-71 | |
| SHEV-307 | | 1 | 1 | 1 | – | COL. X-44 | | | | | | ▲ | L | ASH-72 | |
| SHEV-309 | | 1 | 1 | 1 | – | COL. P-45 | | | | | | ▲ | L | ASH-73 | |
| SHEV-312 | | 1 | 1 | 1 | – | COL. DD-23W | | | | | | ▲ | L | ASH-200 | |
| SHEV-325 | | 1 | 1 | 1 | – | COL. BB-20 | | | | | | ▲ | L | ASH-74 | |
| SHEV-327 | | 1 | 1 | 1 | – | COL. BB-23 | | | | | | ▲ | L | ASH-75 | |
| SHEV-329 | | 1 | 1 | 1 | – | COL. BB-23 | | | | | | ▲ | L | ASH-76 | |
| SHEV-331 | | 1 | 1 | 1 | – | COL. AA-26 | | | | | | ▲ | L | ASH-77 | |
| SHEV-333 | | 1 | 1 | 1 | – | COL. BB-28 | | | | | | ▲ | L | ASH-78 | |
| SHEV-335 | | 1 | 1 | 1 | – | COL. BB-31 | | | | | | ▲ | L | ASH-79 | |
| SHEV-337 | | 1 | 1 | 1 | – | COL. BB-32 | | | | | | ▲ | L | ASH-80 | |
| SHEV-339 | | 1 | 1 | 1 | – | COL. Y-33 | | | | | | ▲ | L | ASH-81 | |
| SHEV-341 | | 1 | 1 | 1 | – | COL. Y-36 | | | | | | ▲ | L | ASH-82 | |
| SHEV-343 | | 1 | 1 | 1 | – | COL. AA-38 | | | | | | ▲ | L | ASH-83 | |
| SHEV-345 | | 1 | 1 | 1 | – | COL. Y-40 | | | | | | ▲ | L | ASH-84 | |
| SHEV-347 | | 1 | 1 | 1 | – | COL. Y-43 | | | | | | ▲ | L | ASH-85 | |
| SHEV-349 | | 1 | 1 | 1 | – | COL. Y-44 | | | | | | ▲ | L | ASH-86 | |
| SHEV-411 | | 1 | 1 | 1 | – | COL. B-67 | | | | | | ▲ | L | ASH-201 | |
| SHEV-413 | | 1 | 1 | 1 | – | COL. E-67 | | | | | | ▲ | L | ASH-202 | |
| SHEV-415 | | 1 | 1 | 1 | – | COL. HW-67 | | | | | | ▲ | L | ASH-203 | |
| SHEV-422 | | 1 | 1 | 1 | – | COL. DD-63W | | | | | | ▲ | L | ASH-204 | |
| SHEV-526 | | 1 | 1 | 1 | – | COL. HW-60 | | | | | | ▲ | L | ASH-51 | |
| SHEV-538 | | 1 | 1 | 1 | – | COL. C-62 | | | | | | ▲ | L | ASH-30 | |
| P-10 | CHROME WASTE PUMP P-10 | 1 | 2 | 1 | — | COL. DD-70 | | | ▲ | | | ▲ | P | | AMBER ON RUNNING LT. ONLY |
| P-11 | CHROME WASTE PUMP P-11 | 1 | 2 | 1 | — | COL. DD-70 | | | ▲ | | | ▲ | P | | AMBER ON RUNNING LT. ONLY |
| M88 | ROLLING GRILLE M88 | 1 | 1/2 | 1 | — | MCC-2 | | ■ | | | | | | | SEE NOTE 3 |
| M89 | ROLLING GRILLE M89 | 1 | 1/2 | 1 | — | MCC-2 | | ■ | | | | | | | SEE NOTE 3 |

## SYMBOL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| ▲ | CONTROL DEVICE LOCATED IN STARTER COVER |
| ■ | CONTROL DEVICE LOCATED REMOTE FROM STARTER |

## NOTES:

1. ALL CAPACITORS ARE SIZED AS PER TABLE IN GENERAL MOTORS SPEC. 7 & IF MOTOR HORSEPOWER CHANGES CAPACITORS SHALL BE SIZED ACCORDINGLY.
2. FOR SCHEMATIC DIAGRAM SEE SHT'S E-91 & E-92.
3. ROLLING GRILLES SHALL HAVE AN OPEN-CLOSE-STOP PUSHBUTTON STATION LOCATED REMOTE FROM STARTER. SEE "ROLLING GRILLE RISER DIAGRAM" ON SHEET E-84.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL-20 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 493 | 3-22-79 | W.S. | | |
| EFO 467 | 2-7-79 | W.S. | | |
| EFO 467 | 1-9-79 | W.S. | | |
| EFO 291 | 4-25-78 | J.K. | | |
| EFO 294 | 4-25-78 | J.K. | | |
| EFO 240 | 3-6-78 | T.J. | | |
| BULL 138 | 1-20-78 | J.K. | | |
| BULL 135 | 12-16-77 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL 89 | T.J. | 9-19-77 | | |
| BULL 61 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION
450 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

MOTOR STARTER SCHEDULE

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER 4500

DATE 5-18-77

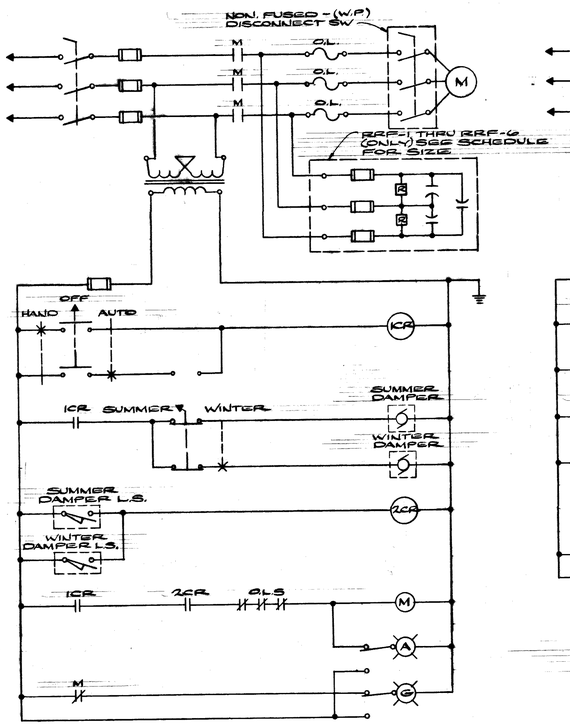
DRAWN BY T.T.

JOB CAPT. J. WALDROP & KONKLE

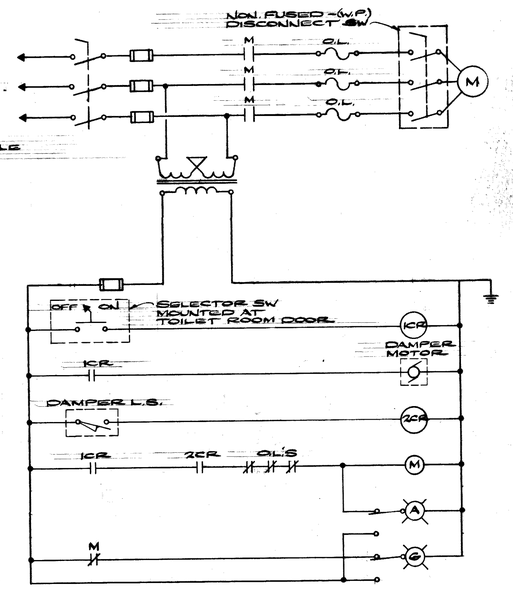
SHEET NUMBER E-90

ARGO 118 REV. 12-69 KMC 17 0183 5-76 1790+

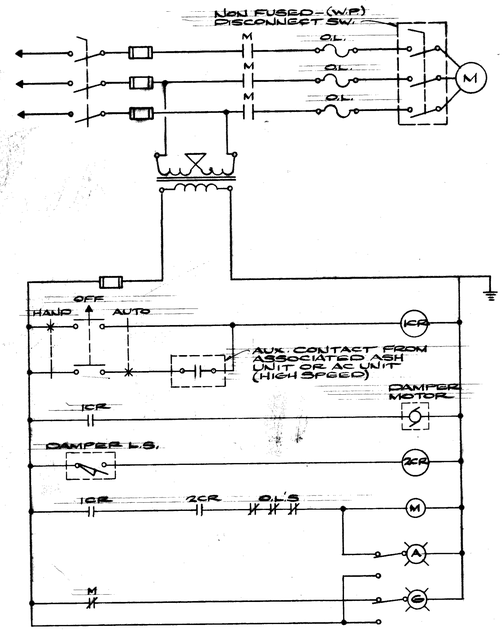
PROJECT NO. 4500 SHEET NO. E-91



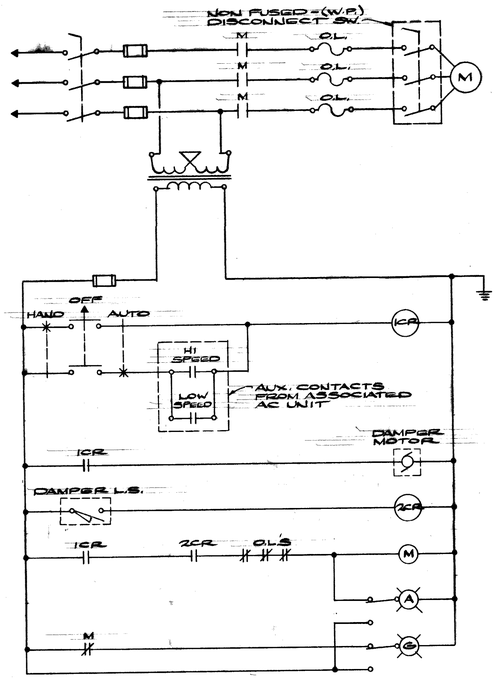

SCHEMATIC DIAGRAM 'A'
TYPICAL FOR UNITS RRF-1 THRU RRF-8



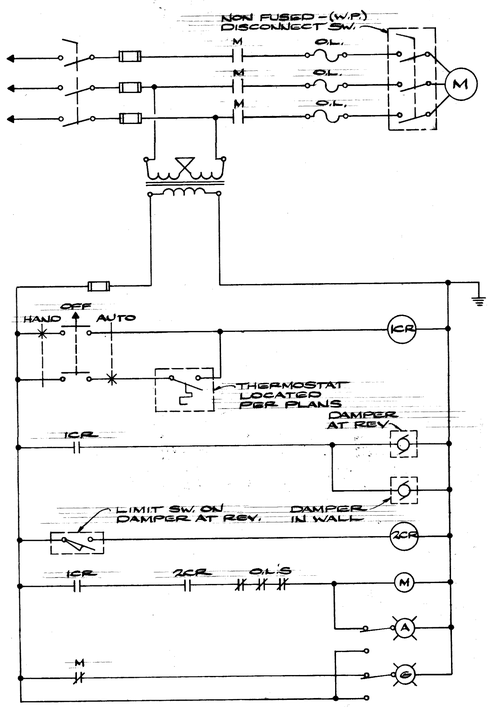

SCHEMATIC DIAGRAM 'B'
TYPICAL FOR UNITS REV-20 THRU REV-25, REV-50, REV.-51



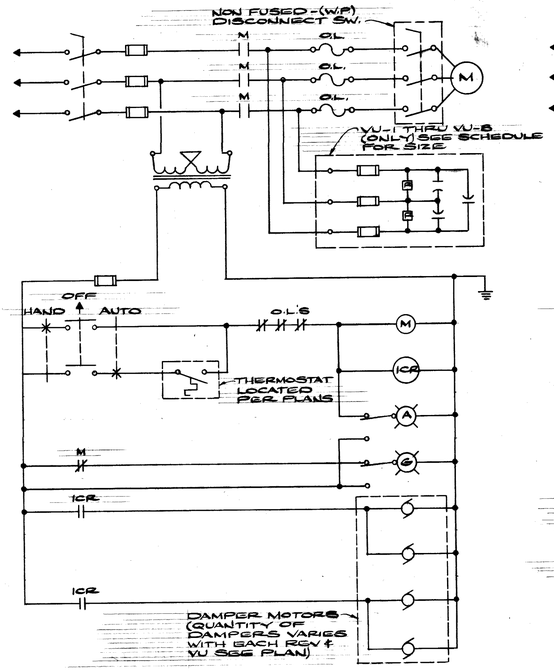

SCHEMATIC DIAGRAM 'C'
TYPICAL FOR UNITS REV-1, REV-2
REV-4 THRU REV-9, REV-11 THRU
REV-15, REV-17, REV-18, REV-19, REV-72



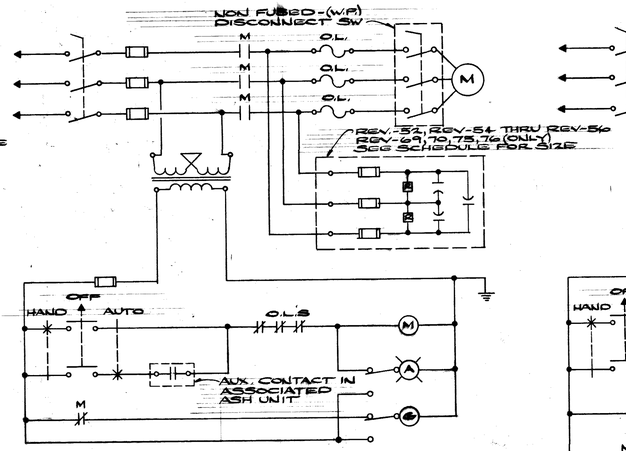

SCHEMATIC DIAGRAM 'D'
TYPICAL FOR UNITS REV-3, REV-10
REV-16, REV-73, REV-74




SCHEMATIC DIAGRAM 'E'
REV-28 THRU REV-31

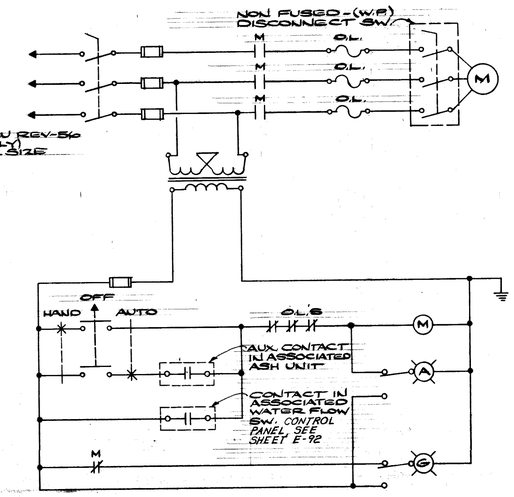



SCHEMATIC DIAGRAM 'F'
REV.-32 THRU REV.-49
& VU-1 THRU VU-8




SCHEMATIC DIAGRAM 'G'
REV.-52 THRU REV.-59, REV.-66 THRU
REV.-71, REV-75, REV-76, REV.-79

NOTE: REV-79 HAS THE SELECTOR SWITCH REMOTE FROM THE STARTER LOCATED IN BASEMENT




SCHEMATIC DIAGRAM 'H'
REV.-60 THRU 65

NOTE:
1. THERMOSTATS, DAMPER MOTORS & LIMIT SWITCHES FURNISHED & INSTALLED BY OTHERS WIRED BY ELECT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO#110 | 3-6-78 | T.J. | | |
| BULL 189 | 1-20-78 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| Bull 61 | 7-7-77 | JK | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
454 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
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**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

MISCELLANEOUS SCHEMATIC DIAGRAMS

SHEET TITLE

OWNER'S IDENTIFICATION

ARGONAUT PROJECT NUMBER: 4500

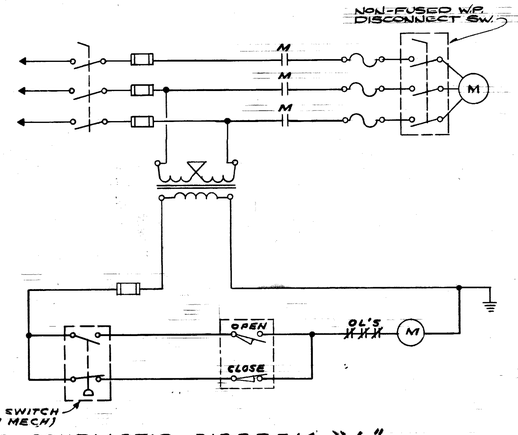
DATE 5-18-77

DRAWN BY T.B.

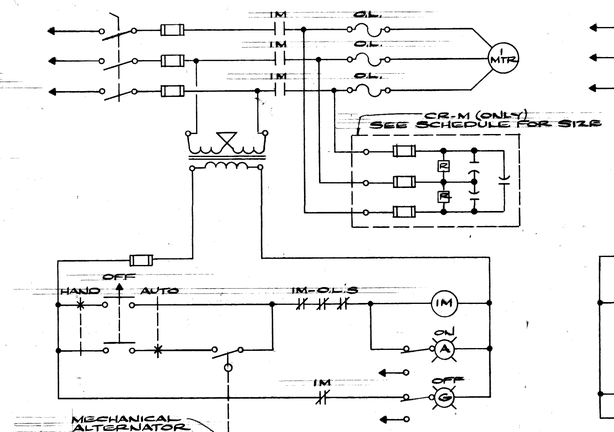
JOB CAPT. J. WYLDROP, J. KONKLE

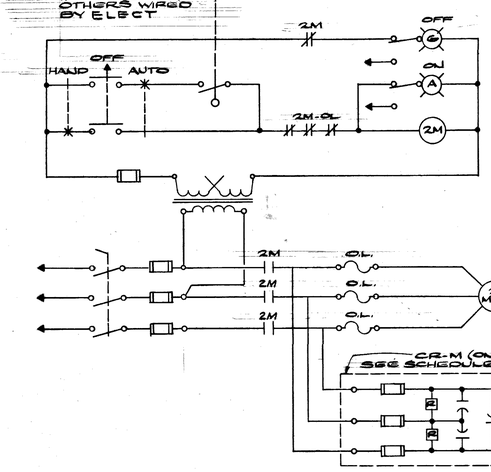
SHEET NUMBER: E-91

ARGO 118 REV. 12-69 K&E 17 0193 3-74 1790-

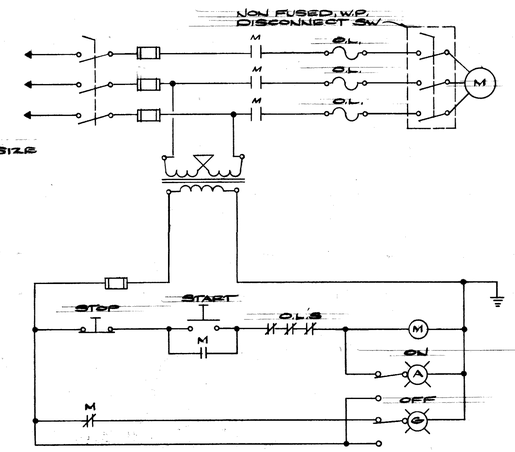



SCHEMATIC DIAGRAM "L"
SMOKE & HEAT RELEASE VENTILATOR

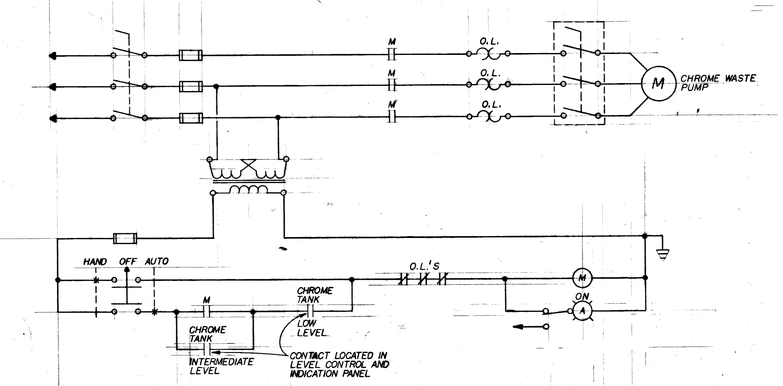


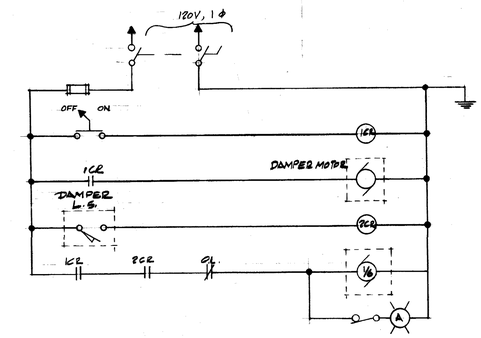

SCHEMATIC DIAGRAM 'K'
CONDENSATE RECIEVER PUMPS
CR-1 THRU CR-17 & CR-M



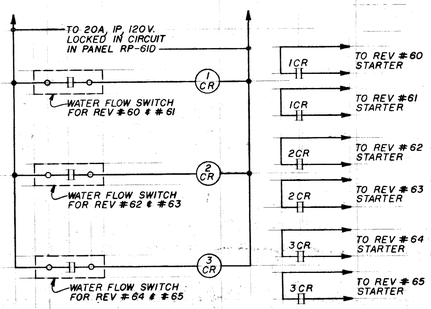

SCHEMATIC DIAGRAM 'J'
REV-77, REV-78, REV-80, CEF1




SCHEMATIC DIAGRAM "P"
CHROME WASTE PUMPS P-10 AND P-11




SCHEMATIC DIAGRAM 'M'
REV 26 & 27




SCHEMATIC DIAGRAM "N"
WATER FLOW SWITCH CONTROL PANEL FOR REV #60 THRU #65.
SEE SCHEMATIC DIAGRAM "H"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 5-18-77 | BULL # 20 | | |
| 5-19-77 | MISC. SHT METAL REF. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO 294 | 4-25-78 | J.K. | | |
| BULL 136 | 1-20-78 | J.K. | | |
| ECO #196 | 12-19-77 | J.K. | | |
| BULL 120 | 11-15-77 | J.K. | | |
| BULL 61 | 7-7-77 | J.K. | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
400 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

MISCELLANEOUS SCHEMATIC DIAGRAMS

SHEET TITLE

OWNER'S IDENTIFICATION

Subsidiary PROJECT NUMBER: 4500

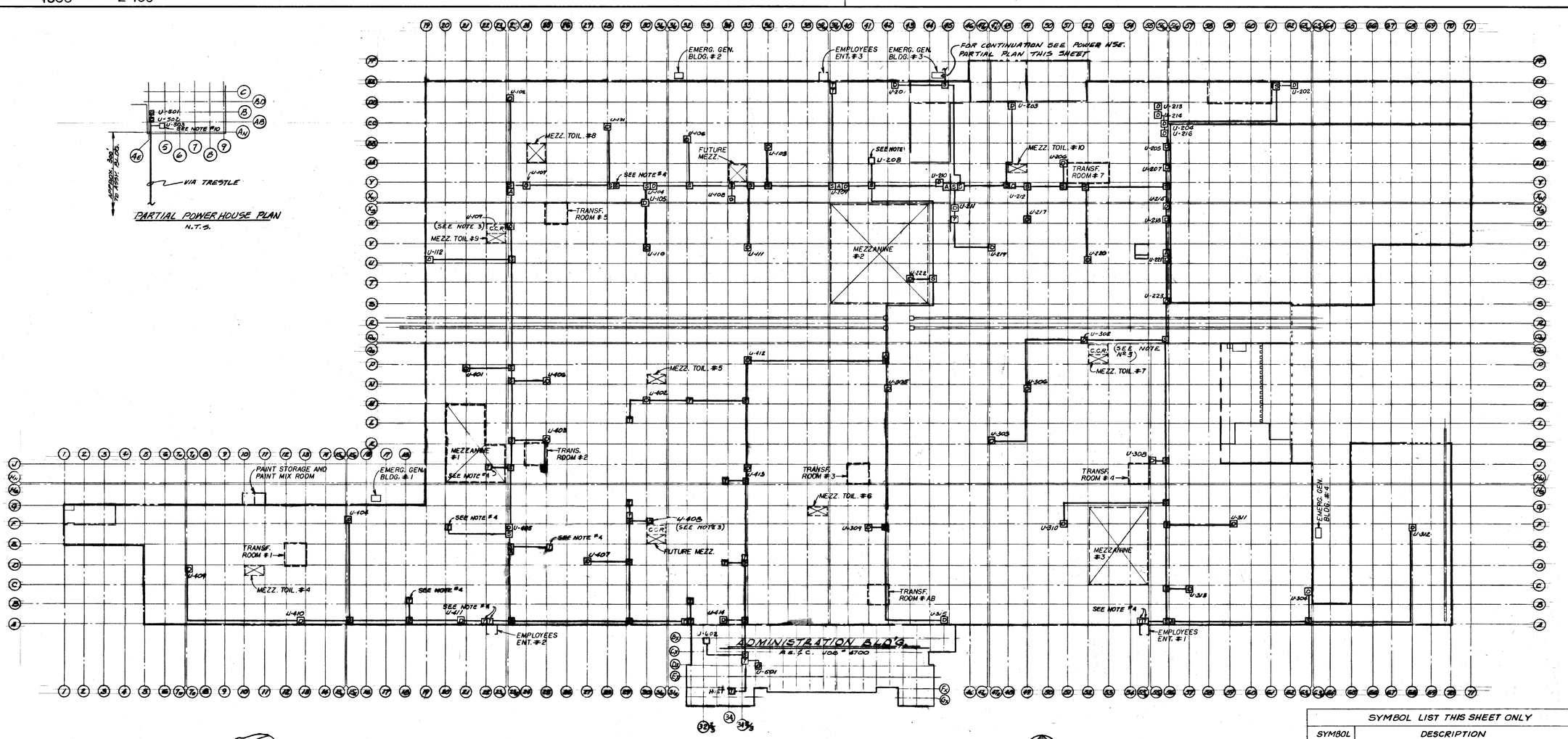
DATE 5-18-77

DRAWN BY T.B.

JOB CAPT. J. WALDROP J. KONKLE

SHEET NUMBER: E-92

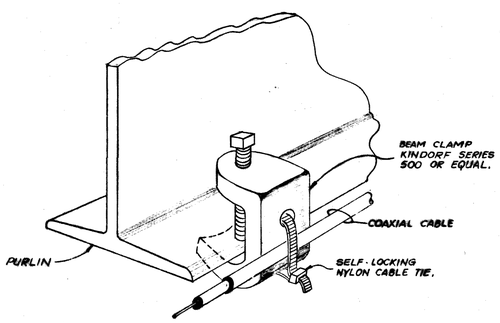
PROJECT NO. 4500 SHEET NO. E-108







PARTIAL POWER HOUSE PLAN
N.T.S.




SUPPORT FOR COAXIAL CABLE
NOT TO SCALE

| SYMBOL LIST THIS SHEET ONLY | |
|---|---|
| SYMBOL | DESCRIPTION |
| D | DATA GATHERING CENTER (INCLUDES TAP & DROP CABLE). |
| S | COAX CABLE SPLITTER. |
| A | COAX CABLE AMPLIFIER. |
| T | COAX CABLE TAP. |

NOTE:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHTS #E-2 & E-3
3. DATA GATHERING CENTERS U-109, U-302 & U-408 SHALL BE INSTALLED IN THE CONVEYER CONTROL ROOM. SEE SHEET #E-120.
4. CABLE TAP OR SPLITTER PROVIDED FOR FUTURE CONNECTION TO OWNERS EQUIPMENT.
5. A 24" DIAMETER EXPANSION LOOP SHALL BE PROVIDED IN COAX TRUNK CABLE EVERY 200'-0" MAXIMUM AND AT ALL BUILDING EXPANSIONS.
6. THE COAX TRUNK CABLE SHALL BE RUN FROM BUILDING PURLINS AS CLOSE AS POSSIBLE.
7. THE COAX DROP CABLE RUNNING BELOW THE BOTTOM CHORD OF THE TRUSS SHALL BE RUN IN CONDUIT OR WIREWAY AS INDICATED ON PLANS OR DETAILS.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. #13 | [illegible] | C. Sanderson |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO414 | 9-18-78 | TJ | | |
| EFO376 | 7-21-78 | TJ | | |
| EFO359 | 6-29-78 | TJ | | |
| EFO329 | 5-30-78 | TJ | | |
| EFO324 | 5-24-78 | TJ | | |
| 160 | 5-15-78 | VTN | | |
| BULL 157 | 4-13-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 SHORT BROADWAY, DETROIT & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

ASSEMBLY BLDG.
COAX CABLE ROUTING & DGC LAYOUT

SHEET TITLE

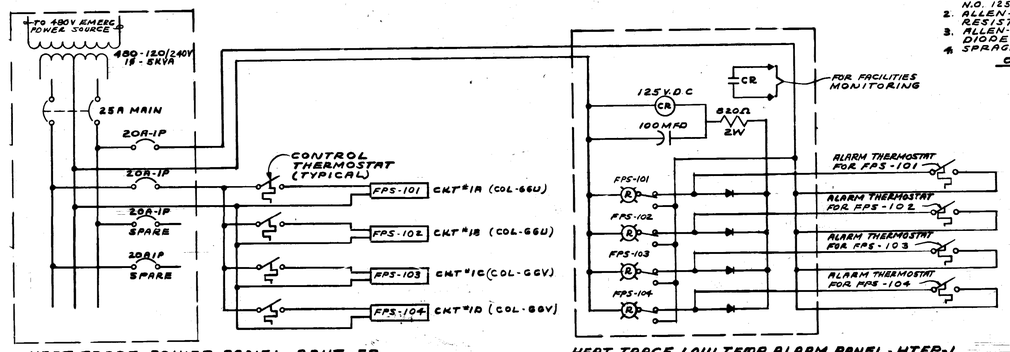
OWNER'S IDENTIFICATION
4500
P. E. & C. PROJECT NUMBER

DATE 2-13-78
DRAWN BY D.T.
JOB CAPT. J. KONKLE, J. WALDROP

E-108
SHEET NUMBER

ARGO 116 REV. 12-69 KOHE 17 0133 2-74 1750M

PROJECT NO. 4500 SHEET NO. E-109




HEAT TRACE POWER PANEL RPHT-FP
N.T.S.




HEAT TRACE LOW TEMP ALARM PANEL-HTFP-1
N.T.S.

PROVIDE & INSTALL IN HTFP-1

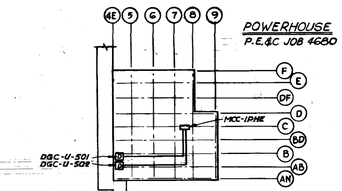
1. ALLEN-BRADLEY CAT.#1611-A12 3 P.S.T. N.O. 125V.D.C LOW TEMP RELAY.
2. ALLEN-BRADLEY CAT.#HB-8215 RESISTOR 820 OHMS, 2 WATTS
3. ALLEN-BRADLEY CAT. SERIES #1618 DIODE UNIT
4. SPRAGUE CAT. #TVA-1522 CAPACITOR

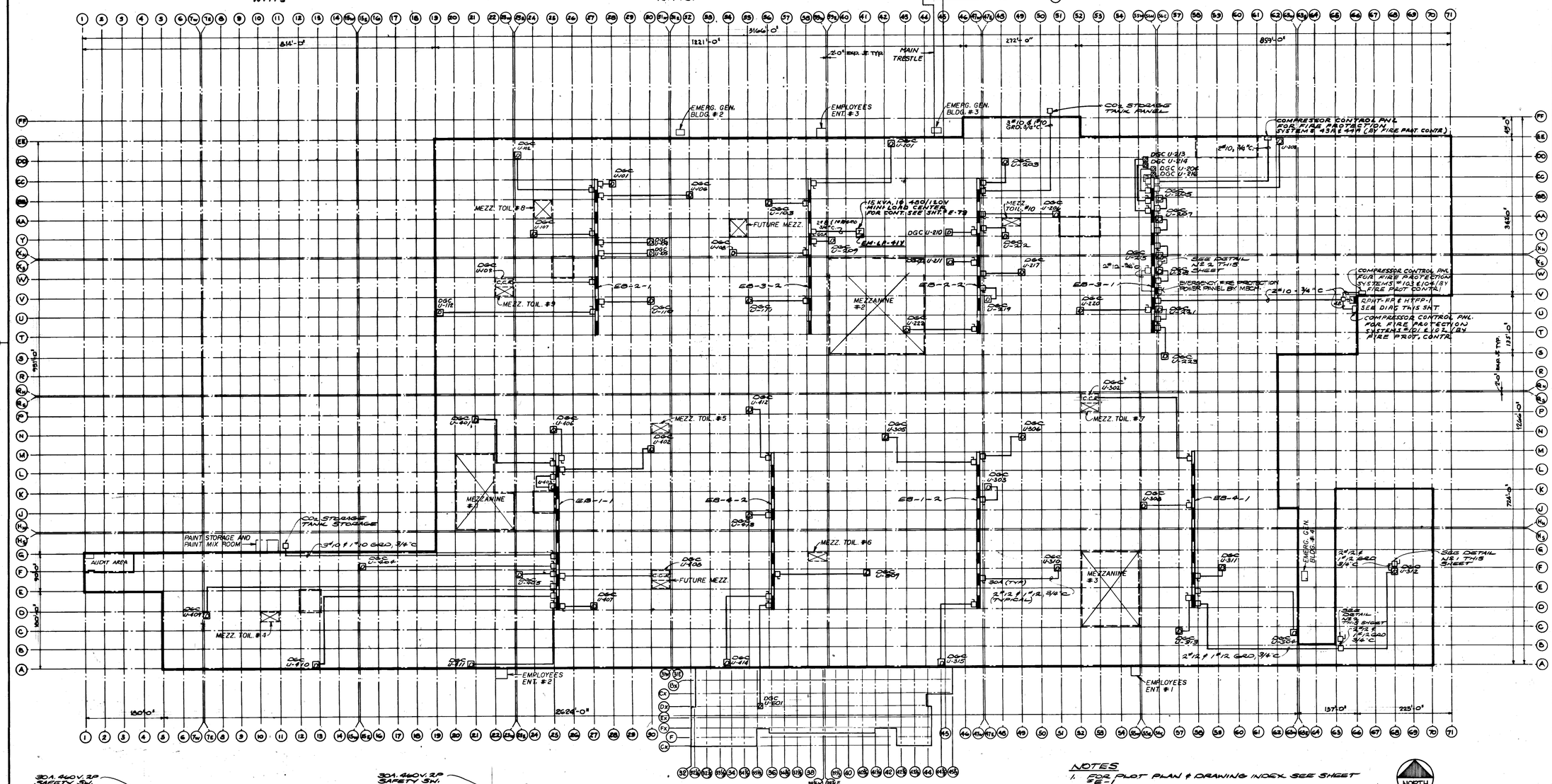
OR APPROVED EQUALS

| HEATING CABLE SCHEDULE | | | | |
|---|---|---|---|---|
| CIRCUIT Nº | 1A | 1B | 1C | 1D |
| PIPE SIZE DIA | 3" | 3" | 3" | 3" |
| APPROXIMATE LENGTH OF CABLE | 61'-0" | 61'-0" | 61'-0" | 61'-0" |
| HEATING CABLE WATTS | 8 | 8 | 8 | 8 |
| CIRCUIT VOLTAGE | 120V | 120V | 120V | 120V |
| TEMPERATURE DIFF. | 50° | 50° | 50° | 50° |
| SOLUTION | WATER | WATER | WATER | WATER |
| Nº OF VALVES | 1 | 1 | 1 | 1 |
| FT OF CABLE PER VALVE | 2'-0" | 2'-0" | 2'-0" | 2'-0" |

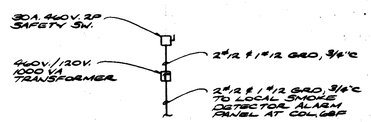
NOTES

1. LENGTH OF PIPES ARE APPROX. VERIFY IN FIELD AND ADJUST HEAT TRACE CABLE LENGTH TO SUIT.
2. HEATIN CABLE IS REQUIRED ON FIRE PROTECTION SYSTEMS 101 THRU 104 ONLY IT SHALL BE INSTALLED ON SECTION OF RISER FROM FIN FL UP TO AND INCLUDING BUTTERFLY VALVE
3. EACH RISER SHALL HAVE (1) ONE ALARM & (1) ONE CONTROL THERMOSTAT MTD ON PIPE.

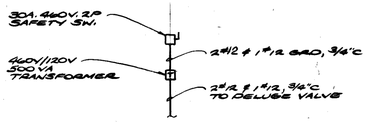



ADMINISTRATION BUILDING
P.E.&C. JOB #4700




DETAIL Nº 1
N.T.S.




DETAIL Nº 2
N.T.S.

NOTES

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEET #E-2 & E-3
3. ☐ INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL 143 | M. L. | C. Sanderson |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 487 | 2-21-79 | WS | | |
| EFO 414 | 9-19-78 | T.J. | | |
| EFO 376 | 7-21-78 | T.J. | | |
| BULL 146 | 7-24-78 | T.J. | | |
| EFO 359 | 6-29-78 | T.J. | | |
| BULL 167 | 6-26-78 | T.J. | | |
| EFO 334 | 6-5-78 | T.J. | | |
| EFO 329 | 5-30-78 | T.J. | | |
| BULL 164 | 6-1-78 | T.J. | | |
| EFO 324 | 5-24-78 | T.J. | | |
| 160 | 5-15-78 | VTN | | |
| BULL 147 | 3/13/78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR

GM ASSEMBLY DIVISION

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-ASSEMBLY BLDG. EMERGENCY POWER, FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

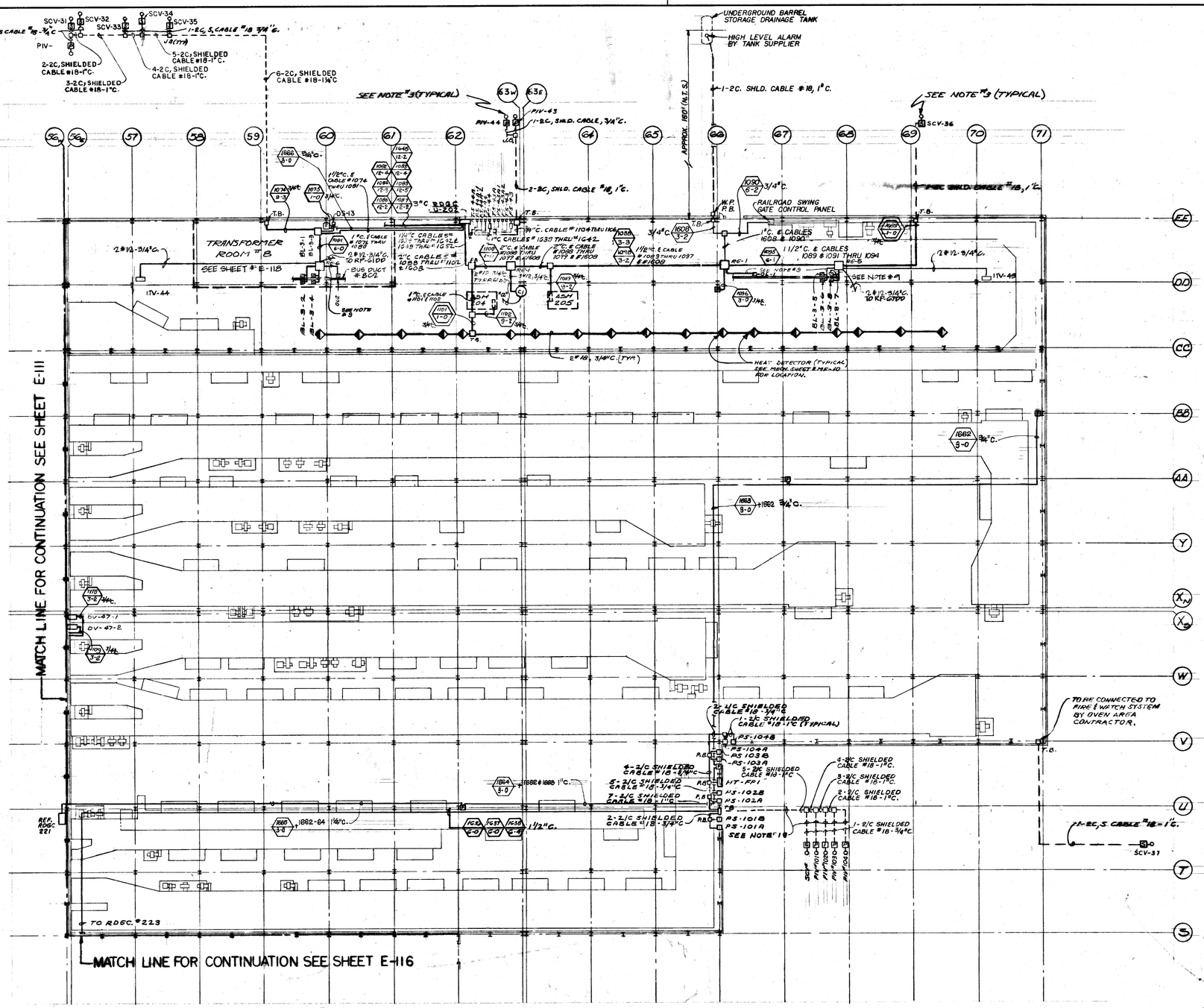
4500 PROJECT NUMBER

DATE 2-13-78

DRAWN BY MN & TB

JOB CAPT. J. WALDROP, J. KONKLE

E-109 SHEET NUMBER




## PLAN-AREA No 1

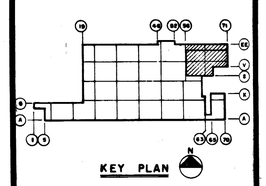
SCALE: 1/32" = 1'-0"

### NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES, SEE SHEETS #E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES, REFER TO CIVIL DRAWINGS. FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES, SEE SHEET #MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
6. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
8. SEE SHEET #E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET #E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. 110 / 3-3: CABLE NUMBER. NUMBER OF SPARE PAIRS IN CABLE. TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
15. SEE SHEET #E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
18. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.
19. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND CONDUITS SO AS TO UTILIZE TRENCHING, BACKFILL, BLDG PENETRATIONS, ETC PROVIDED BY FIRE PROTECTION CONTRACTOR.

LAST CABLE NUMBER USED 1652

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL. #40 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 477 | 1-25-79 | WS | | |
| BULL #170 | 7-24-78 | T.J. | | |
| BULL #165 | 7-18-78 | T.J. | | |
| BULL #167 | 6-26-78 | T.J. | | |
| EFO #334 | 6-5-78 | T.J. | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO #271 | 3/10/78 | T.J. | | |
| BULL 147 | 3/13/78 | T.J. | | |
| BULL #143 | 2-13-78 | J.W. | | |
| EFO #141 | 10-31-77 | T.J. | | |
| EFO #69 | 8-31-77 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.1 FIRE AND WATCH, FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

4500 — P.E. & C. PROJECT NUMBER

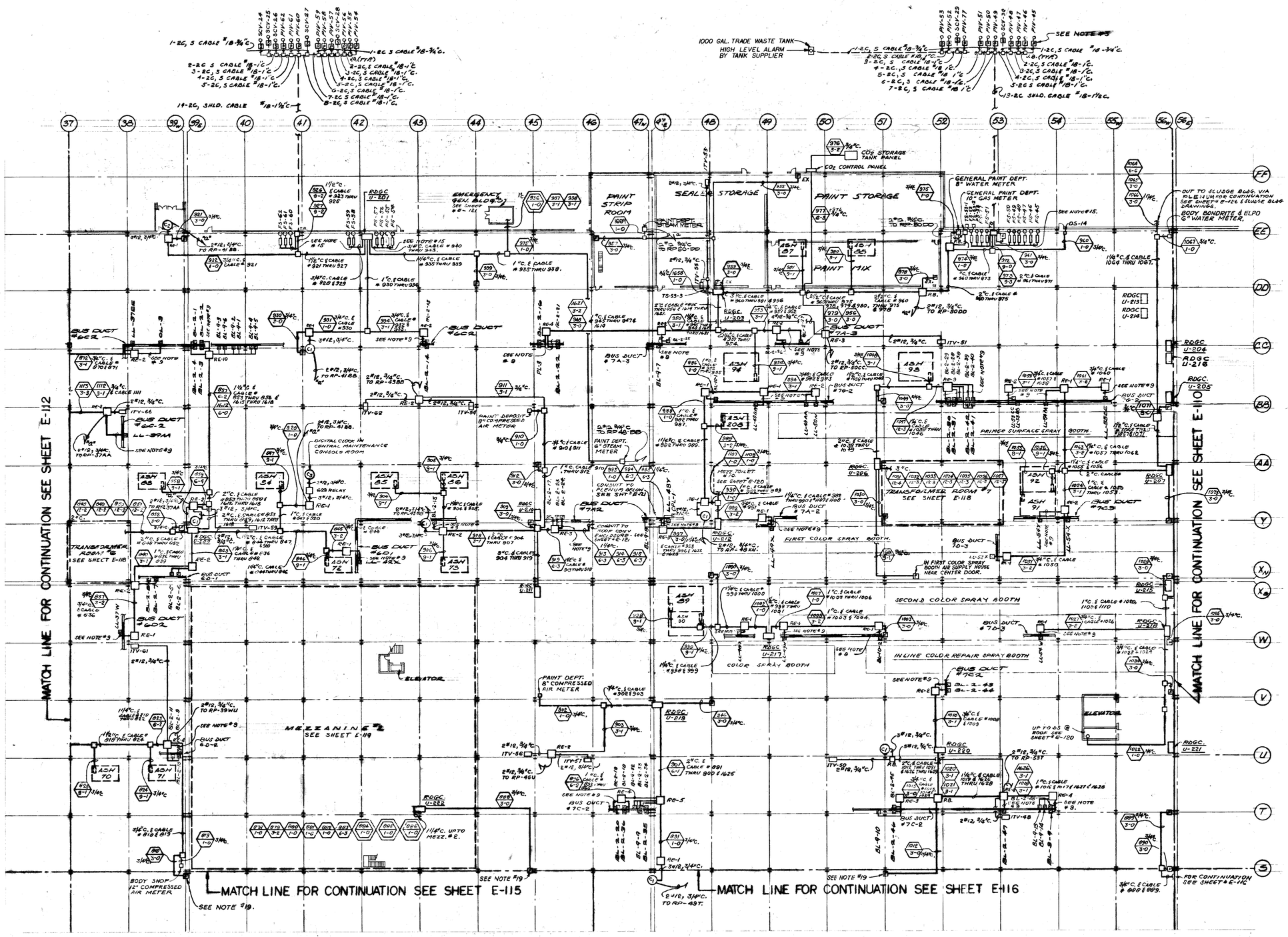
DATE 6-10-77

DRAWN BY T.G.B. G.T.

JOB CAPT. JOHNSON WALDROP J. KONKLE

E-110 — SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-111




## PLAN-AREA No 2

SCALE: 1/32" = 1'-0"

## NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES, SEE SHEETS E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES, REFER TO CIVIL DRAWINGS. FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES SEE SHEET #MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
6. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
8. SEE SHEET #E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET #E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. 112 — CABLE NUMBER. 3-3 — NUMBER OF SPARE PAIRS IN CABLE. — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
15. SEE SHEET #E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
18. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.
19. FIRE & WATCH STATIONS ARE RECESSED IN CONCRETE ENCASED COLUMN. SEE DETAIL SHEET #129.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL. #49 | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 487 | 2-21-79 | W S | | |
| EFO 477 | 1-25-79 | WS | | |
| EFO 428 | 10-24-78 | T.J. | | |
| EFO 396 | 7-21-78 | T.J. | | |
| BULL 168 | 7-18-78 | T.J. | | |
| BULL 165 | 6-16-78 | T.J. | | |
| EFO #334 | 6-6-78 | T.J. | | |
| EFO # 329 | 5-30-78 | T.J. | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO 280 | 4-19-78 | T.J. | | |
| EFO-271 | 3/20/78 | T.J. | | |
| BULL 147 | 3/13/78 | T.J. | | |
| REV. #145 | 2-13-78 | J.W. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.2
FIRE AND WATCH
FACILITIES MONITORING
& CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

P.E. & C. PROJECT NUMBER: 4500

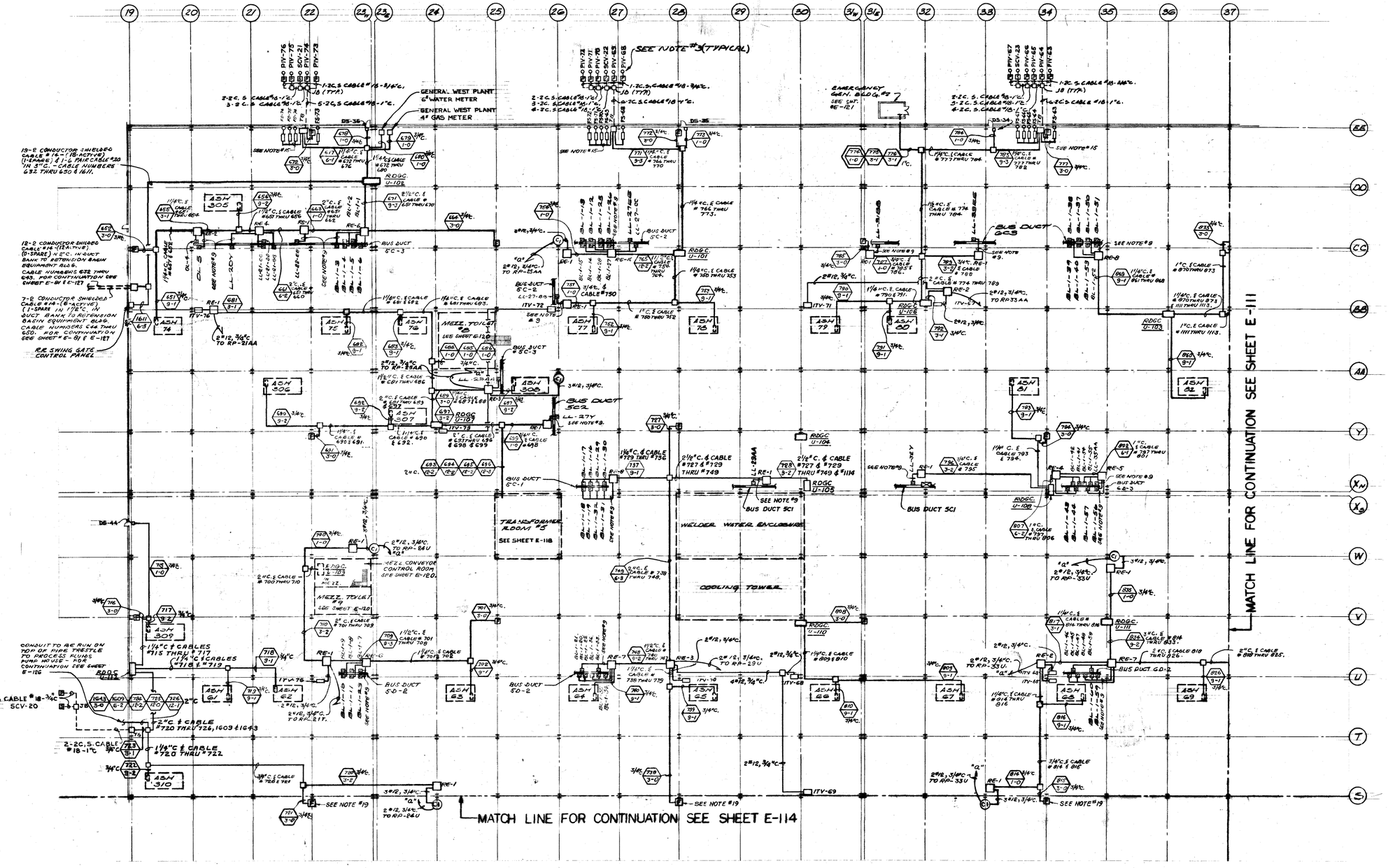
DATE 6-10-77

DRAWN BY T.G.B. G.T.

JOB CAPT. JOHNSON WALDROP J. ROHKLE

SHEET NUMBER: E-111

ARGO 110 REV. 12-69 KORE 17 0182 2-74 7700




## PLAN ~ AREA Nº 3

SCALE: 1/32" = 1'-0"

**NOTES:**

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET # E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS #E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES, REFER TO CIVIL DRAWINGS. FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES, SEE SHEET # MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, CO2 PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
6. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET # E-1
8. SEE SHEET # E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET #E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. 110 — CABLE NUMBER. 3-2 — NUMBER OF SPARE PAIRS IN CABLE. — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING # E-110
15. SEE SHEET #E-129 FOR TYPICAL WATER FLOW SWITCH PLAN
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
18. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.
19. ON CONCRETE ENCASED COLUMNS, THE BOTTOM OF HOA SWITCHES ARE TO BE 5'-5" AFF.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL. #40 | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| EFO #414 | 9-19-78 | TJ | | |
| EFO 347 | 9-18-78 | J.K. | | |
| BULL #68 | 7-18-78 | TJ | | |
| EFO #339 | 6-28-78 | TJ | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO 322 | 5-10-78 | T.J. | | |
| EFO 288 | 4-15-78 | T.J. | | |
| EFO 298 | 4/13/78 | T.J. | | |
| BULL #47 | 3/15/78 | TJ | | |
| BULL #43 | 2-13-78 | J.W. | | C. Sandman |
| EFO #63 | 8-31-77 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
451 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO. 3 FIRE AND WATCH, FACILITIES MONITORING & CONTROL.

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P.E. & C. PROJECT NUMBER

DATE 6-10-77

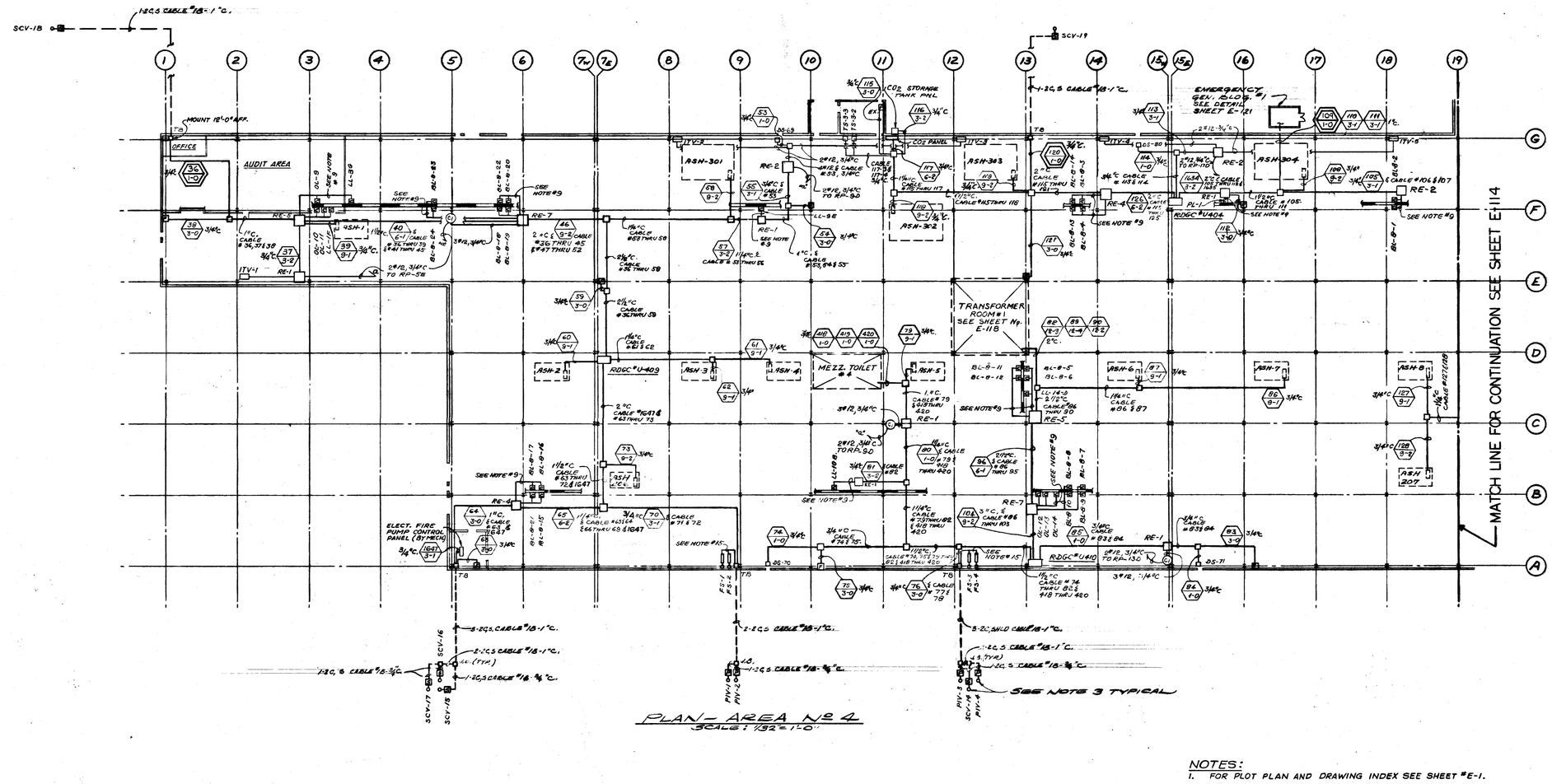
DRAWN BY T.G.B. G.T.

JOHNSON, WALDROP

JOB CAPT. J. KONKLE

E-112 SHEET NUMBER

ARGO 116 REV. 12-69 KOKE 17 0193 X-74 1799




PLAN - AREA № 4
SCALE: 1/32" = 1'-0"

## NOTES:

1. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES REFER TO CIVIL DRAWINGS. FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES SEE SHEET #MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
6. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
8. SEE SHEET #E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET #E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. (110 / 9-3) CABLE NUMBER. NUMBER OF SPARE PAIRS IN CABLE. TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
15. SEE SHEET #E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG. CONDUCTORS.
18. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL #40 | | |
| EFO 428 | 10-24-78 | T.J. | |
| EFO 429 | 10-23-78 | T.J. | |
| BULL 165 | 7-18-78 | TJ | |
| BULL 163 | 6-16-78 | TJ | |
| EFO 324 | 5-24-78 | T.J. | |
| BULL 147 | 3/13/78 | T.J. | |
| BULL 143 | 2-13-78 | J.W. | C. Sandlin |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - AREA № 4
FIRE AND WATCH
FACILITIES MONITORING
AND CONTROLS

SHEET TITLE

OWNER'S IDENTIFICATION

P.E. & C. PROJECT NUMBER: 4500

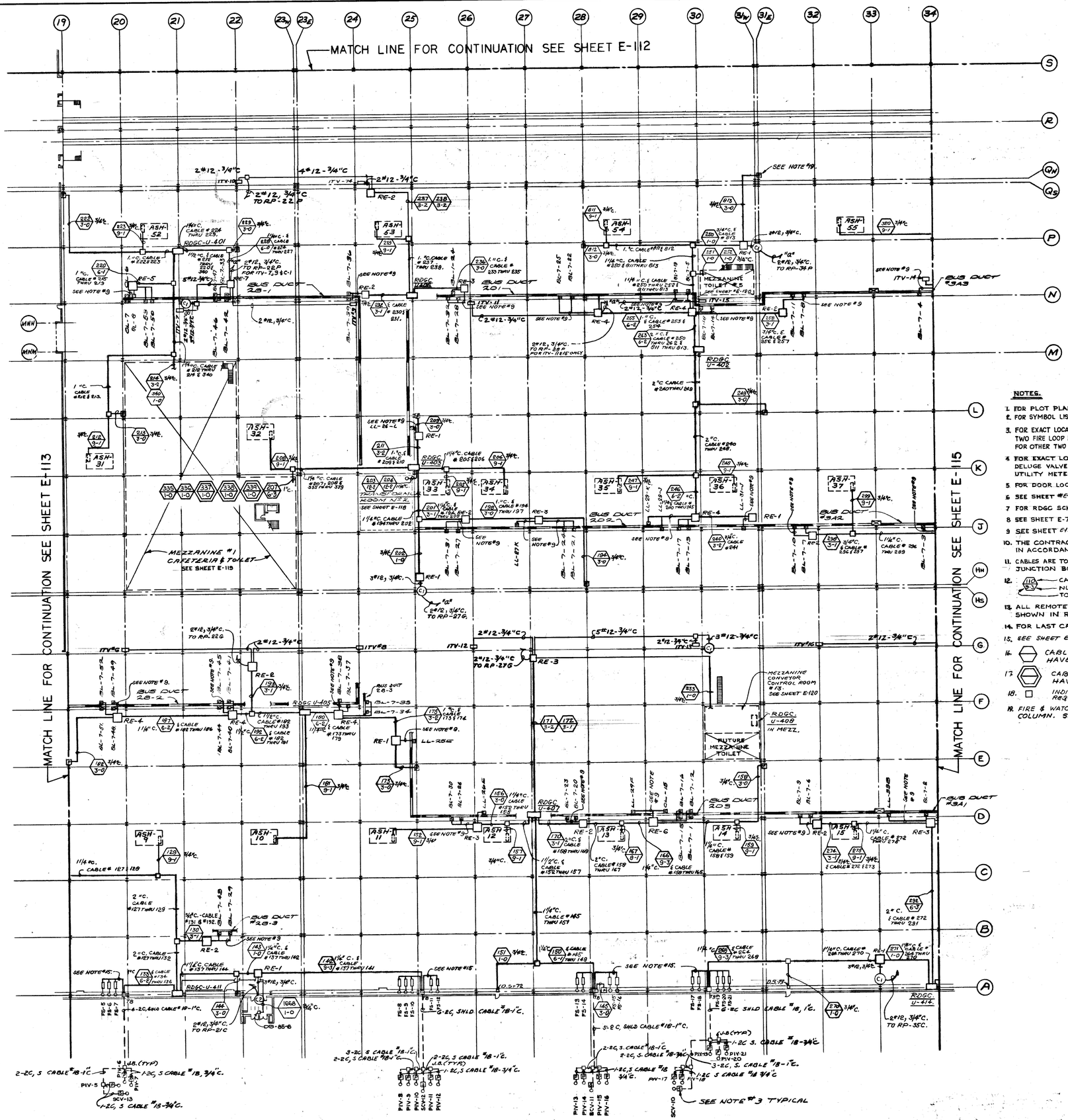
DATE 6-10-77

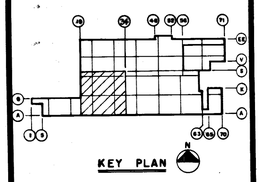
DRAWN BY T.S.B. G.T.

JOB CAPT. T. JOHNSON J. KONKLE

SHEET NUMBER: E-113

PROJECT NO. 4500 SHEET NO. E-114




## NOTES.

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES, REFER TO CIVIL DRAWINGS. FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES, SEE SHEET MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
6. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET # E-1.
8. SEE SHEET E-77 FOR LIGHTING CONTACTOR SCHEMATIC
9. SEE SHEET E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. 110 — CABLE NUMBER. 3-2 — NUMBER OF SPARE PAIRS IN CABLE. — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING # E-110
15. SEE SHEET E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
18. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.
19. FIRE & WATCH STATIONS ARE RECESSED IN CONCRETE ENCASED COLUMN. SEE DETAIL SHT. #129.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL # 40 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO 477 | 1-25-79 | WS | | |
| BULL #168 | 7-16-78 | T.J. | | |
| ECO 288 | 4-15-78 | TJ | | |
| BULL 187 | 3/13/78 | TJ | | |
| BULL #43 | 2-13-78 | J.W. | | C. Schulung |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — DIVISION OF GENERAL MOTORS — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION — 485 WEST MILWAUKIE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.5 FIRE AND WATCH, FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION — P.E. & C. PROJECT NUMBER: 4500

DATE 6-10-77

DRAWN BY TGB G.T.

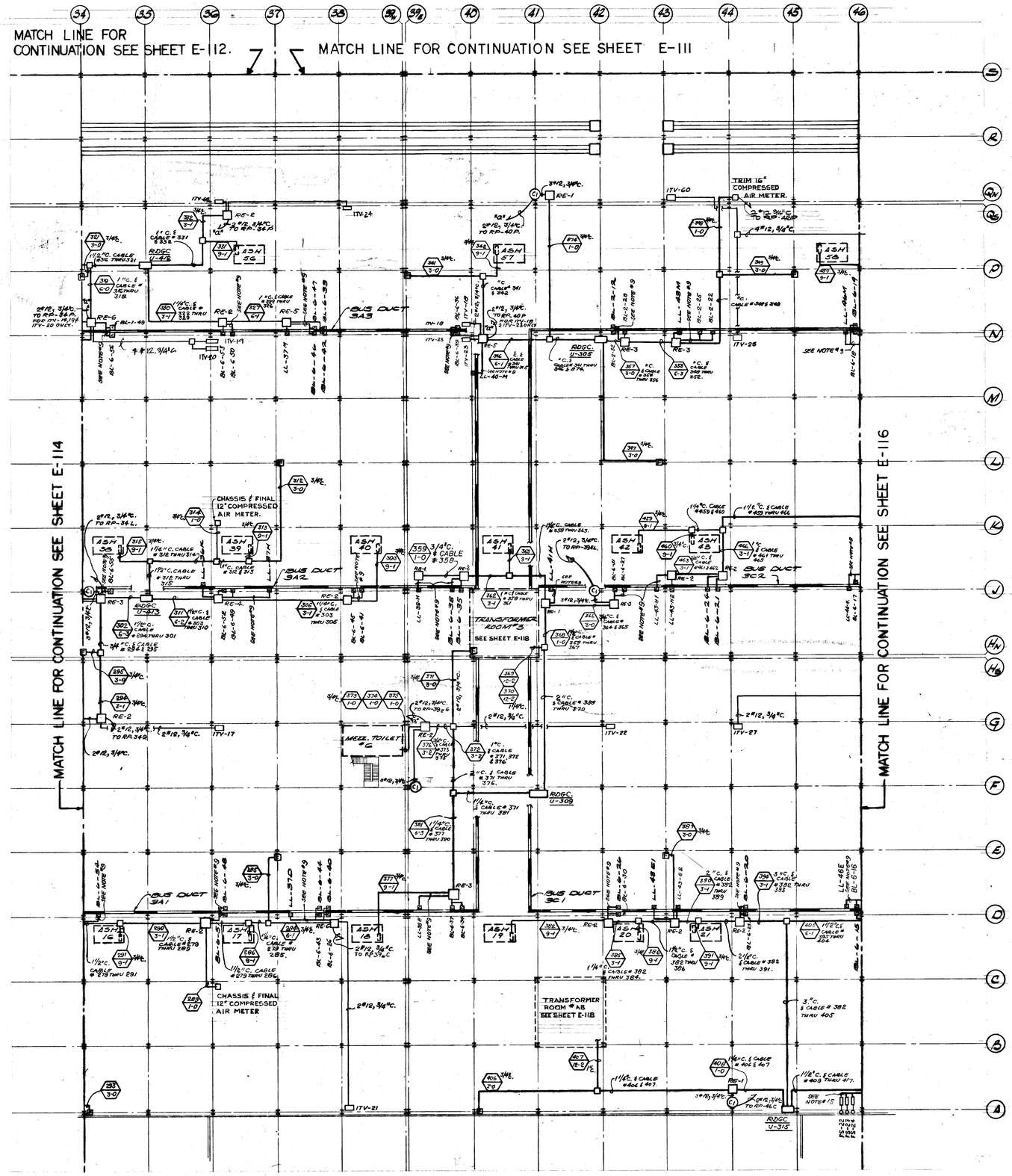
JOHNSON, WALDROP

JOB CAPT. J. KONKLE.

E-114

SHEET NUMBER

ARGO 116 REV. 12-69 KSE 17 0178 2-74 1799




PLAN-AREA Nº 6

SCALE: 1/8" = 1'-0"

NOTES.

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET # E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES SEE SHEETS # E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES REFER TO CIVIL DRAWINGS
   FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES SEE SHEET MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWING.
6. SEE SHEET E-129 FOR RDGC MOUNTING DETAILS
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET E-1
8. SEE SHEET E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE AND SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. (15/2-3) — CABLE NUMBER; NUMBER OF SPARE WIRES IN CABLE; TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING # E-110.
15. SEE SHEET E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
18. INDICATES JONCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL # 40 | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ECO 967 | 2-21-79 | WS | | |
| BULL 168 | 7-18-78 | T.J. | | |
| BULL 147 | 3/13/78 | T.J. | | |
| BULL 143 | 2-13-78 | J.W. | | C. Sanderson |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
300 WEST WILMINGTON AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO 6. FIRE AND WATCH, FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

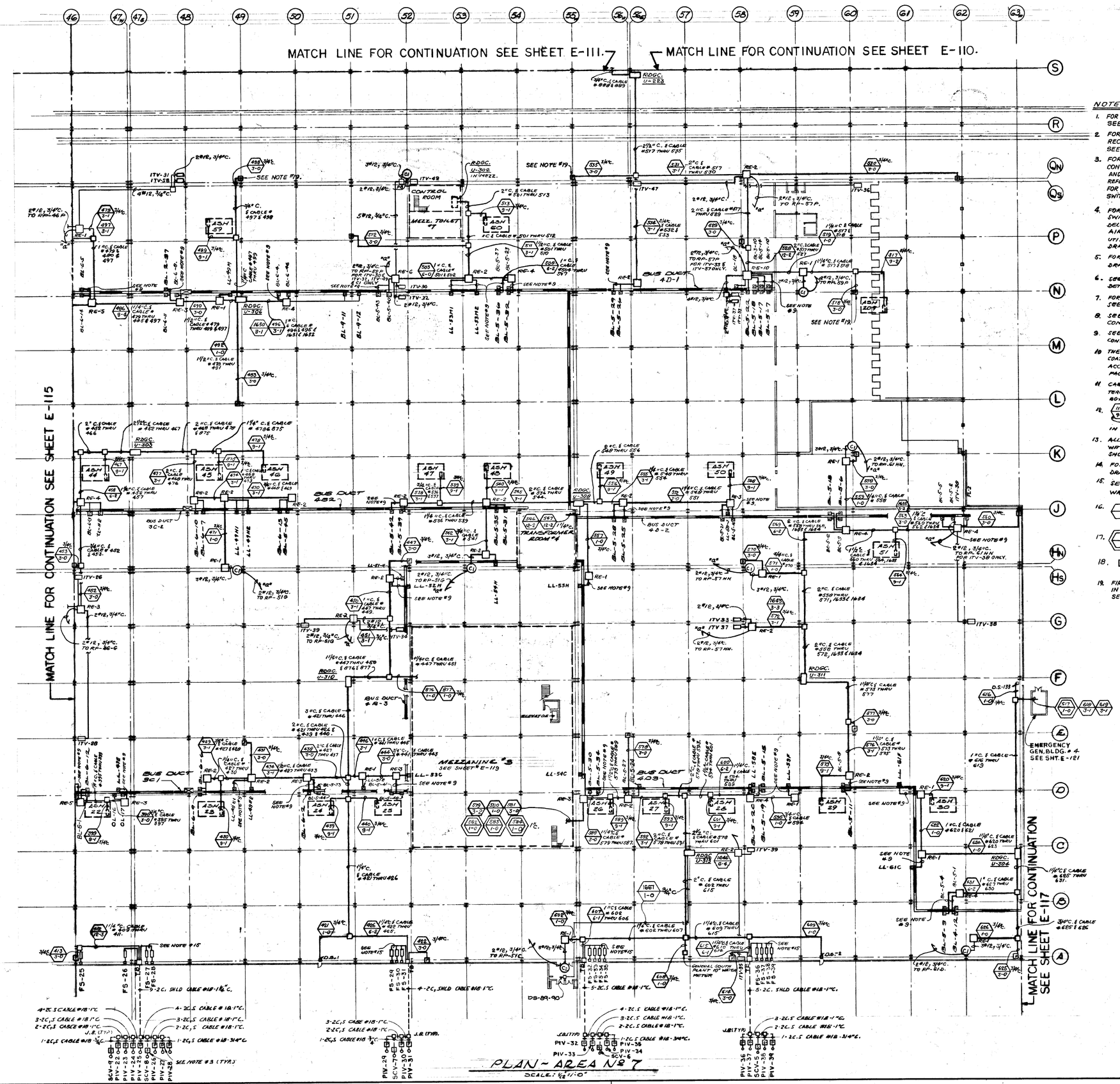
4500 P.E. & C. PROJECT NUMBER

DATE 6-10-77

DRAWN BY T.G.B. G.T.

JOHNSON WALDROP
JOB CAPT. J. KONKLE.

E-115 SHEET NUMBER




NOTES:

1. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES SEE SHEETS #E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES REFER TO CIVIL DRAWINGS FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES SEE SHEET #MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATION - SEE ARCHITECT. DRAWINGS.
6. SEE SHEET E-129 FOR RDGC MOUNTING DETAIL.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET # E-1
8. SEE SHEET E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. 111 — CABLE NUMBER. 9-2 — NUMBER OF SPARE PAIRS IN CABLE. — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING # E-110.
15. SEE SHEET E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.
16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
18. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.
19. FIRE & WATCH STATIONS ARE RECESSED IN CONCRETE ENCASED COLUMN. SEE DETAIL SHT. # E-129.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL #40 | | |

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ERO 4577 | 1-25-78 | W.S. | | |
| BULL 168 | 7-18-78 | T.J. | | |
| BULL 165 | 6-16-78 | T.J. | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO 288 | 4-15-78 | T.J. | | |
| BULL 147 | 3/13/78 | T.J. | | |
| BULL 145 | 2-13-78 | J.W. | | C. Sandeen |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT — DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-AREA NO.7 FIRE AND WATCH, FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

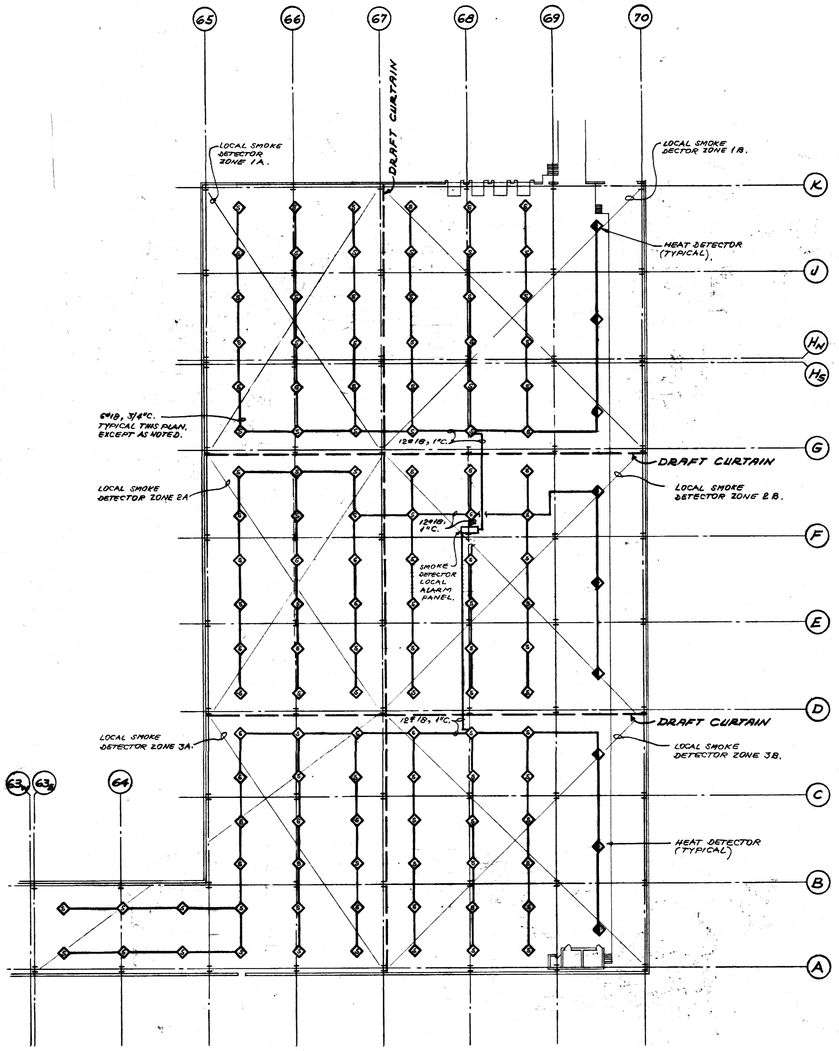
P.E. & C. PROJECT NUMBER: 4500

DATE 6-10-77

DRAWN BY T.G.B. G.T.

JOB CAPT. JOHNSON WALDROP J. KONKLE

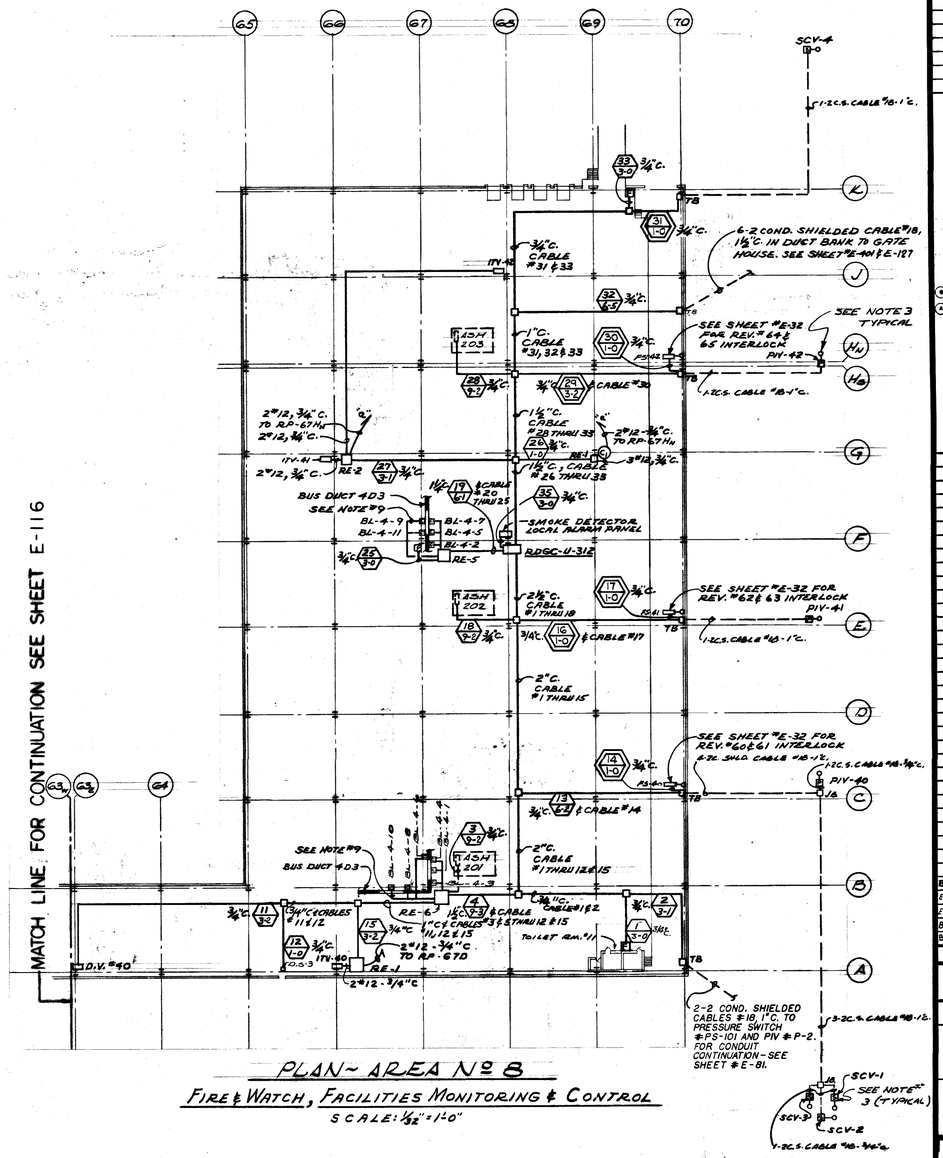
SHEET NUMBER: E-116




PLAN ~ AREA Nº 8

HEAT & SMOKE DETECTOR LAYOUT

SCALE: 1/32" = 1'-0"




PLAN ~ AREA Nº 8

FIRE & WATCH, FACILITIES MONITORING & CONTROL

SCALE: 1/32" = 1'-0"




16. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.

17. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.

18. □ - INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

## NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES SEE SHEETS E-2 & E-3.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND TWO FIRE LOOP PRESSURE SWITCHES REFER TO CIVIL DRAWINGS. FOR OTHER TWO FIRE LOOP PRESSURE SWITCHES, SEE SHEET #MF-13.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
6. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
7. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
8. SEE SHEET #E-77 FOR LIGHTING CONTACTOR SCHEMATIC.
9. SEE SHEET #E-129 FOR TYPICAL LIGHTING CONTACTOR PLAN.
10. THE CONTRACTOR SHALL INSTALL THE COAX CABLE & SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURES RECOMMENDATIONS.
11. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
12. 110 / 0-2 — CABLE NUMBER. NUMBER OF SPARE PAIRS IN CABLE. TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
13. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
14. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
15. SEE SHEET #E-129 FOR TYPICAL WATER FLOW SWITCH PLAN.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-10-77 | BULL. #40 | | |
| 7-18-78 | T.J. | | |
| 5-24-78 | T.J. | | |
| 5-10-78 | T.J. | | |
| 3/13/78 | T.J. | | |
| 2-13-78 | J.W. | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. #40 | 7-18-78 | T.J. | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO 322 | 5-10-78 | T.J. | | |
| BULL. #37 | 3/13/78 | T.J. | | |
| BULL. #43 | 2-13-78 | J.W. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN - AREA NO. 8 FIRE AND WATCH, FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P.E. & C. PROJECT NUMBER

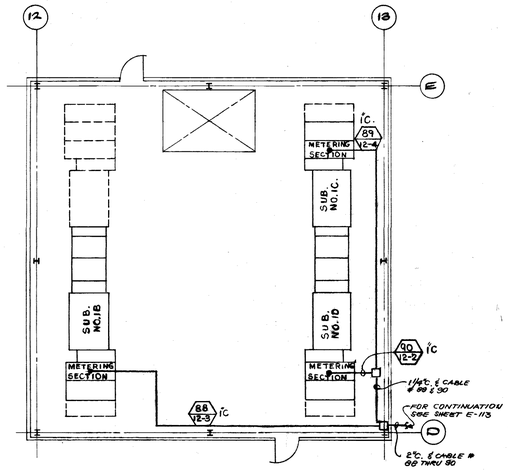
DATE 6-10-77

DRAWN BY D.J.T.

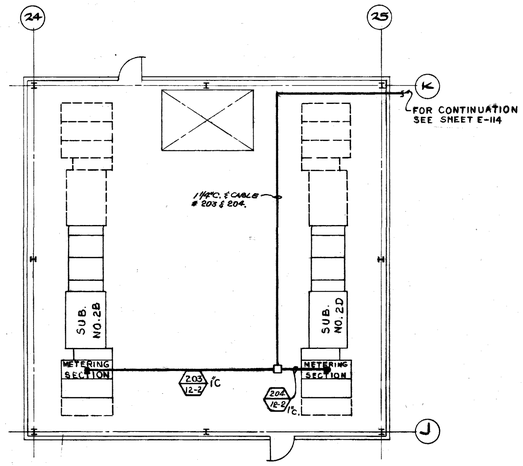
JOB CAPT. J. WALDROP J. KONKLE

E-117 SHEET NUMBER

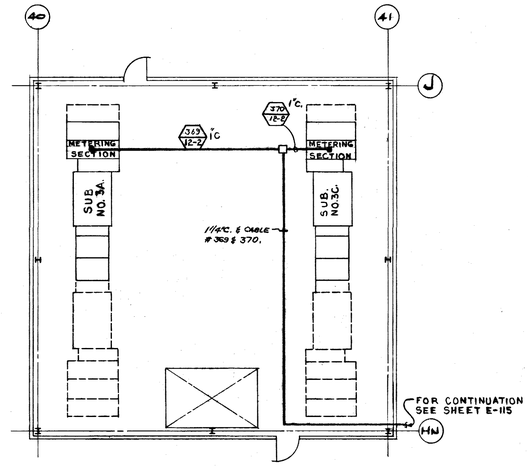
PROJECT NO. 4500 SHEET NO. E-118



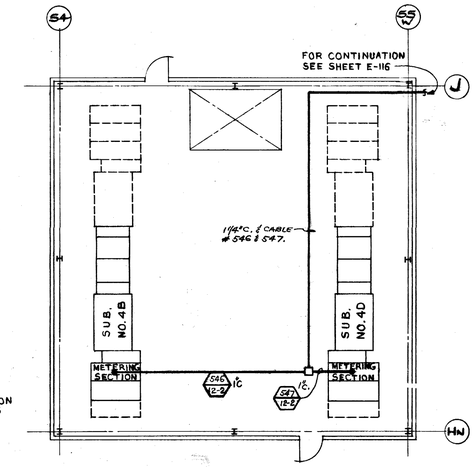

TRANSFORMER ROOM #1 PLAN



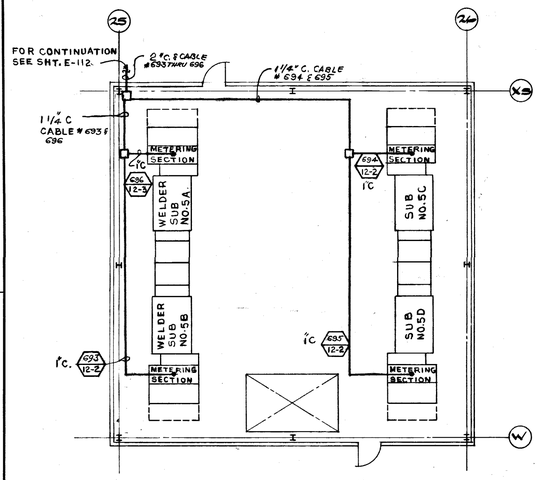

TRANSFORMER ROOM #2 PLAN



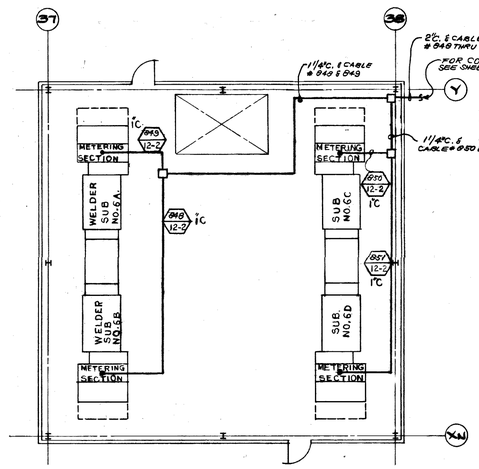

TRANSFORMER ROOM #3 PLAN



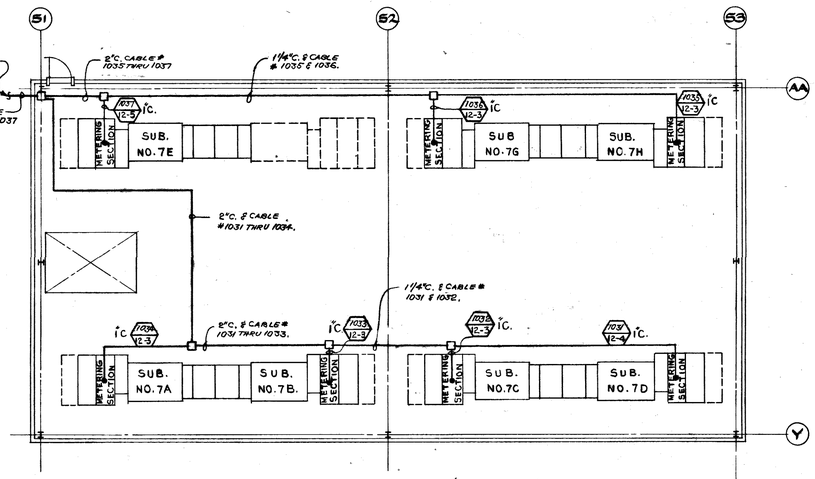

TRANSFORMER ROOM #4 PLAN



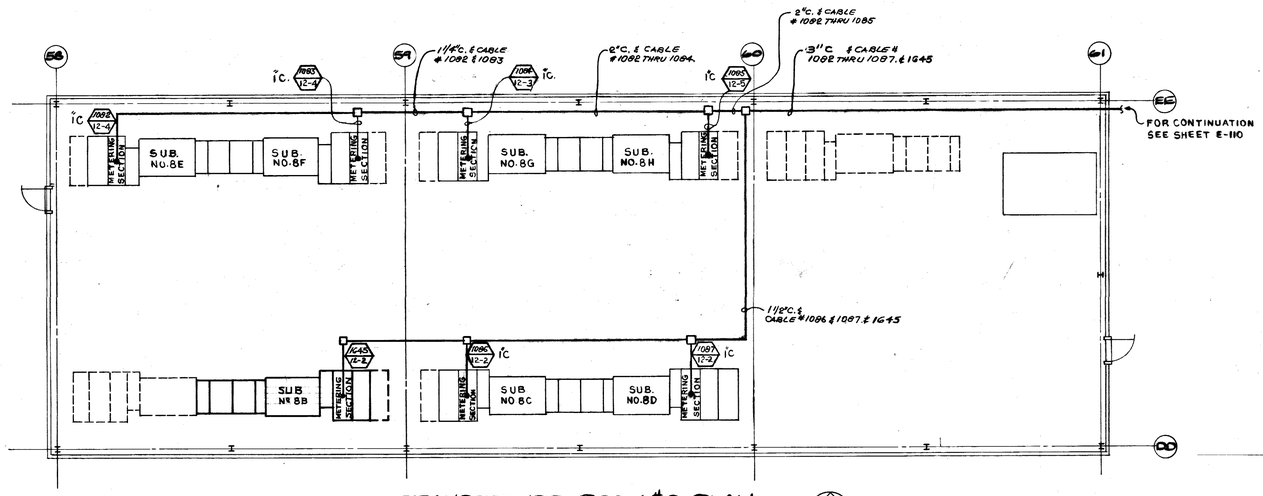

TRANSFORMER ROOM #5 PLAN



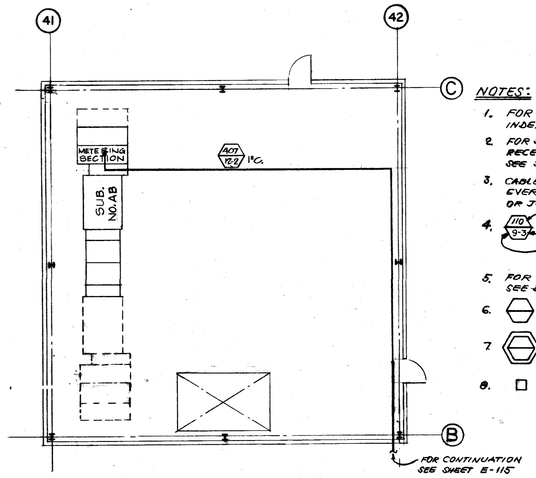

TRANSFORMER ROOM #6 PLAN




TRANSFORMER ROOM #7 PLAN




TRANSFORMER ROOM #8 PLAN

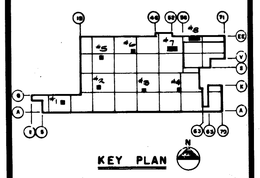



TRANSFORMER ROOM "AB" PLAN

NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET # E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS # E-2 & E-3.
3. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
4. 110 — CABLE NUMBER; 3-3 — NUMBER OF SPARE PAIRS IN CABLE, TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
5. FOR LAST CABLE NUMBER USED SEE DRAWING # E-110
6. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG. CONDUCTORS.
7. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG. CONDUCTORS.
8. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. # 143. | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL'168 | 7-18-78 | | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY **G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION — OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN TRANSFORMER ROOMS, FACILITIES MONITORING

SHEET TITLE

OWNER'S IDENTIFICATION

P.E. & C. PROJECT NUMBER: 4500

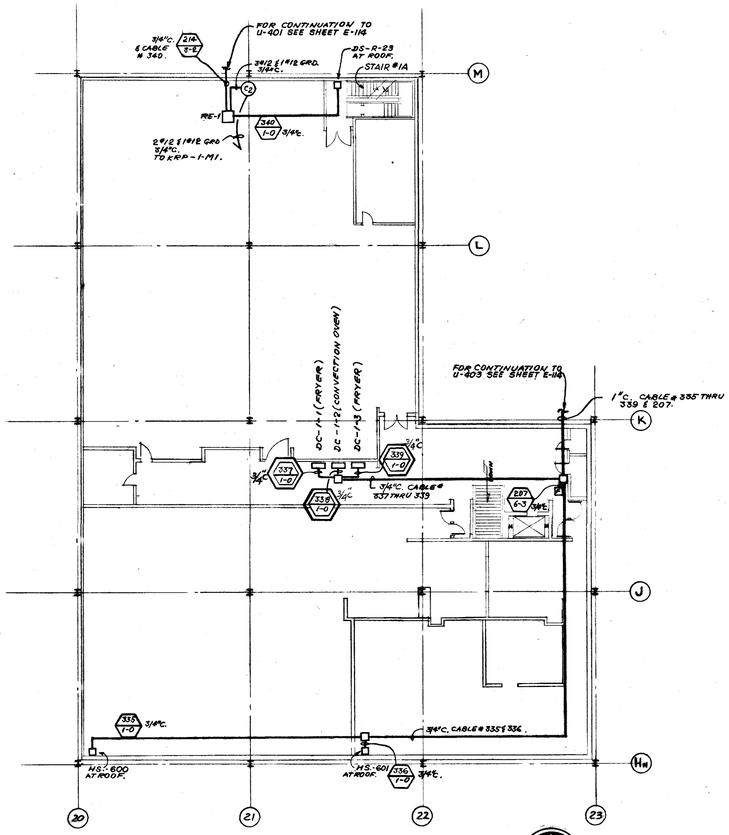
DATE 2-13-78

DRAWN BY D.W.

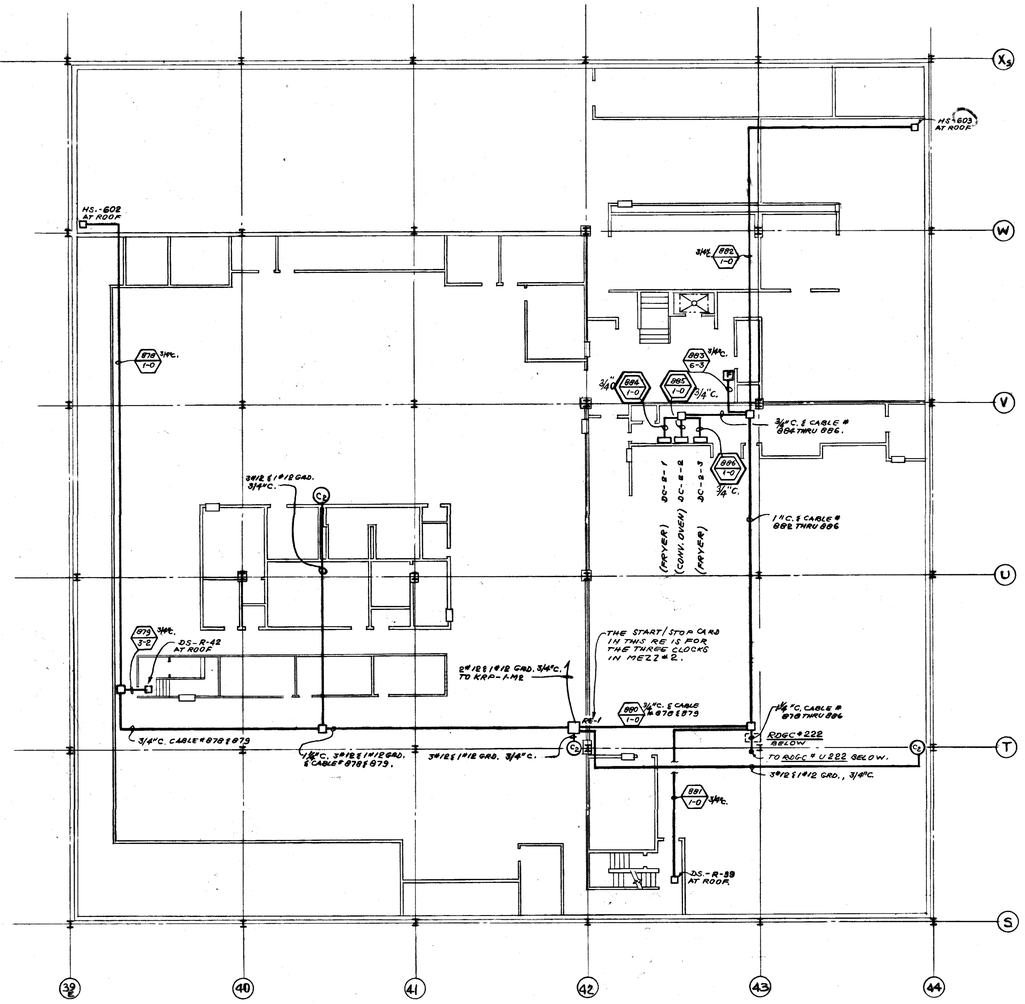
JOB CAPT. J.WALDROP J.KONKLE

SHEET NUMBER: E-118

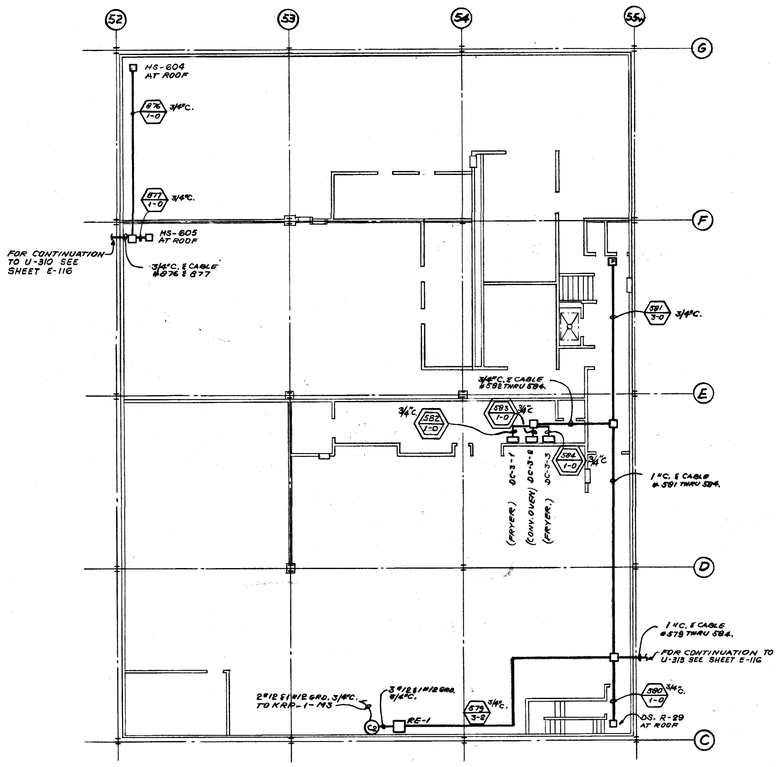
ARGO 118 REV. 12-69 KOKE 17 0183 2-74 1750




MEZZANINE No. 1 FLOOR PLAN
SCALE: 1/16" = 1'-0"




MEZZANINE No. 2 FLOOR PLAN
SCALE: 1/16" = 1'-0"




MEZZANINE No. 3 FLOOR PLAN
SCALE: 1/16" = 1'-0"

NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET # E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS # E-2 & E-3.
3. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
4. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
5. 110 — CABLE NUMBER. 2-3 — NUMBER OF SPARE PAIRS IN CABLE. — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
6. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
7. FOR LAST CABLE NUMBER USED - SEE DRAWING E-110.
8. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG. CONDUCTORS.
9. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS.
10. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL # 143 | M. Fair | C. Sandusky |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 324 | 5-24-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

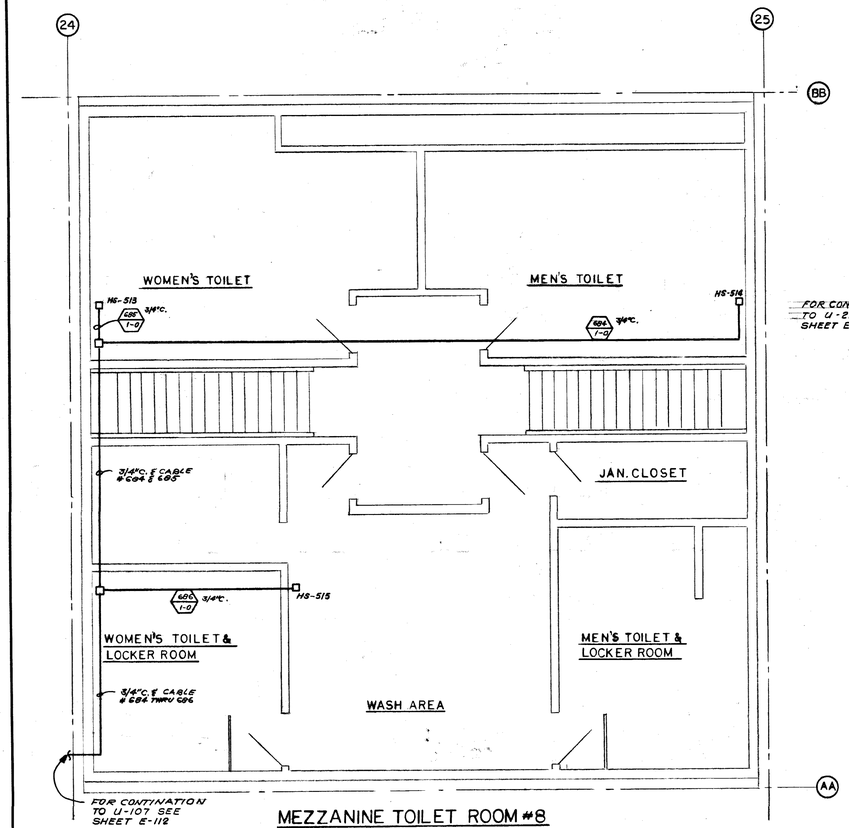
PROJECT TITLE

PLAN - MEZZ. NO. 1, 2 & 3
FIRE AND WATCH
FACILITIES MONITORING
AND CONTROL

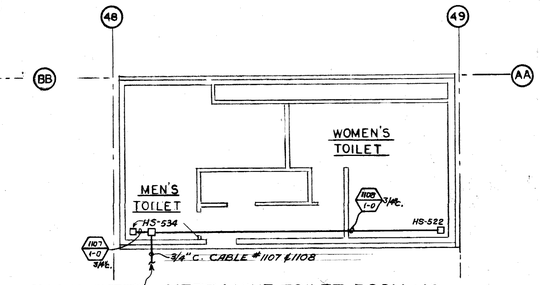
SHEET TITLE

OWNER'S IDENTIFICATION
4500 P.E.&C. PROJECT NUMBER
DATE 2-13-78
DRAWN BY G.T.
JOB CAPT. J. WALDROP, J. KONKLE.
E-119 SHEET NUMBER

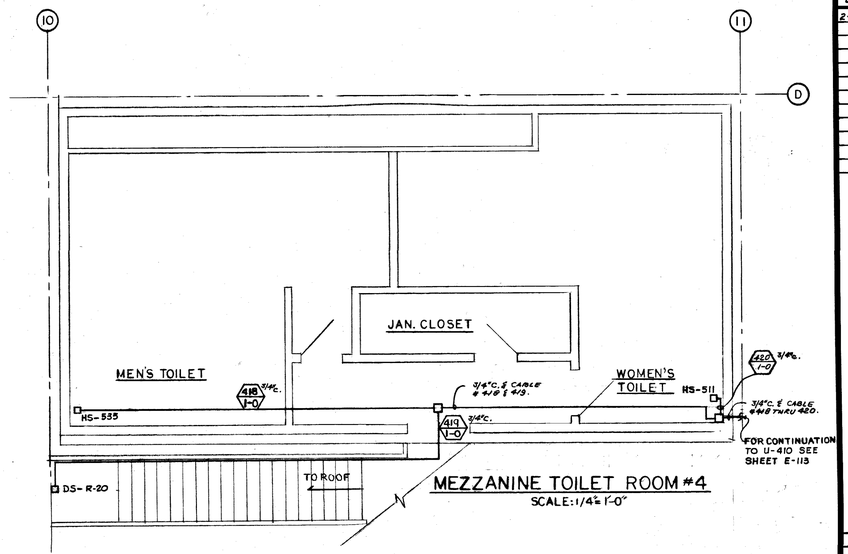
PROJECT NO. 4500 SHEET NO. E-120



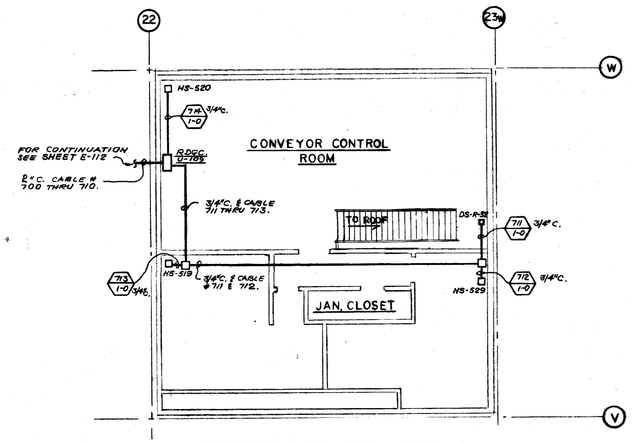

MEZZANINE TOILET ROOM #8
SCALE: 1/4"=1'-0"



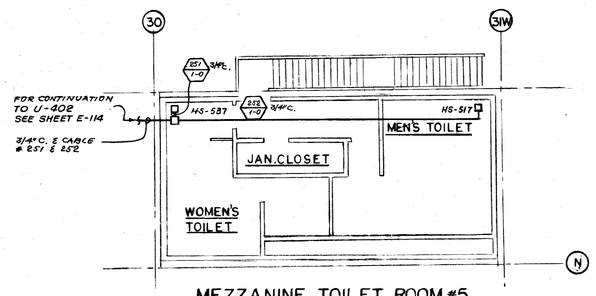

MEZZANINE TOILET ROOM #10
SCALE: 1/8"=1'-0"



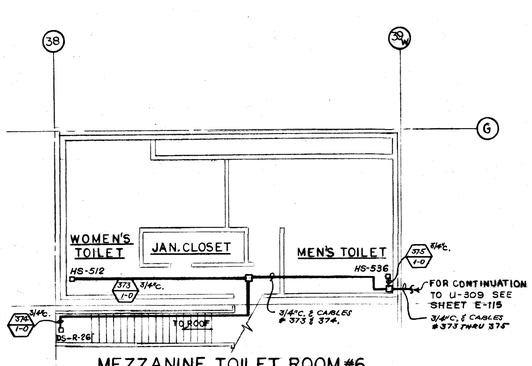

MEZZANINE TOILET ROOM #4
SCALE: 1/4"=1'-0"



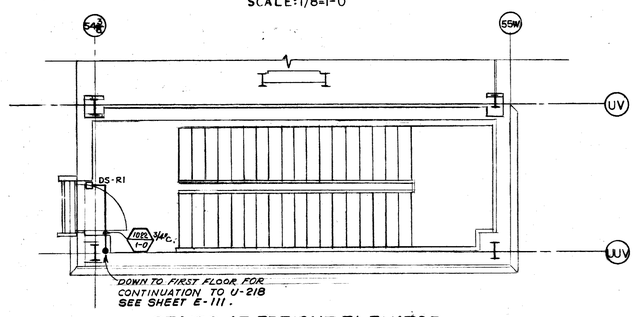

CONVEYOR CONTROL ROOM & MEZZANINE TOILET ROOM #9
SCALE: 1/8"=1'-0"



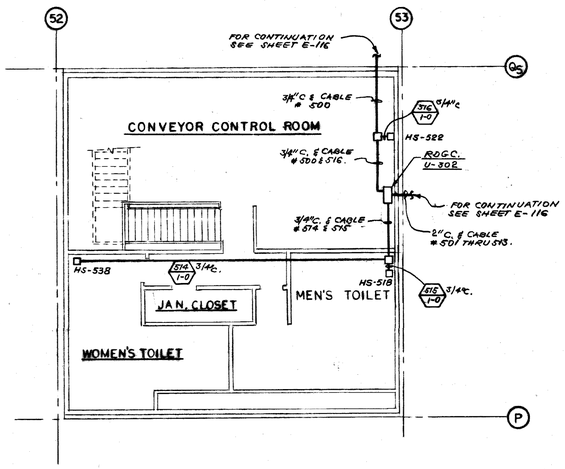

MEZZANINE TOILET ROOM #5
SCALE: 1/8"=1'-0"



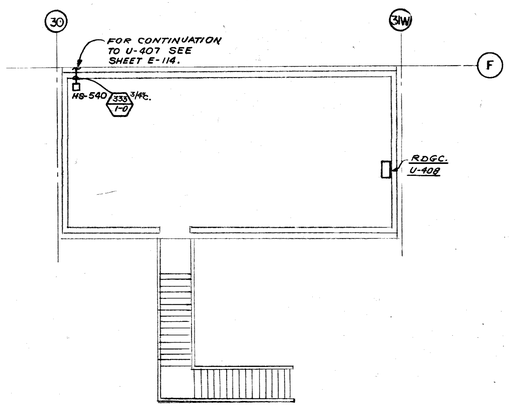

MEZZANINE TOILET ROOM #6
SCALE: 1/8"=1'-0"




STAIRS AT FREIGHT ELEVATOR
SCALE: 1/4"=1'-0"




CONVEYOR CONTROL ROOM & MEZZANINE TOILET ROOM #7
SCALE: 1/8"=1'-0"




CONVEYOR CONTROL ROOM #13.
SCALE: 1/8"=1'-0"

NOTES:

1. ALL HS-(HATCH SWITCHES) AND DS-(DOOR SWITCHES) ON THIS SHEET ARE AT THE ROOF.
2. FOR PLOT PLAN & DRAWING INDEX SEE SHEET # E-1
3. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEET # E-2 & E-3.
4. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
5. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
6. 110 - CABLE NUMBER. 9-3 - NUMBER OF SPARE PAIRS IN CABLE. TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
7. FOR LAST CABLE NUMBER USED - SEE DRAWING # E-110.
8. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
9. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG. CONDUCTORS.
10. INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. # 143 | M. Yost | C. Sandlesser |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 324 | 5-24-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
ARGONAUT
GENERAL MOTORS CORPORATION
DIVISION OF GENERAL MOTORS
430 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN
CONSTRUCTION & ENGINEERING

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

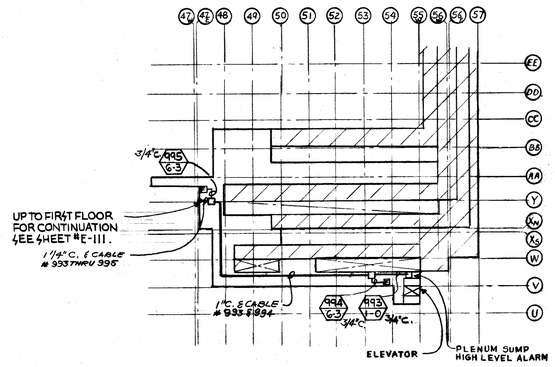
PROJECT TITLE

PLANS
TOILET ROOMS
CONVEYOR CONTROL RMS.
FIRE & WATCH
FACILITIES MONITORING

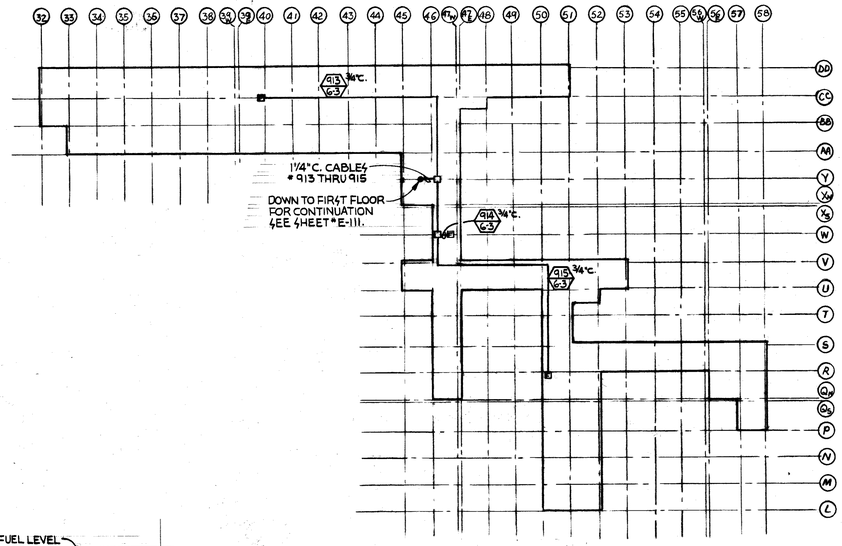
SHEET TITLE

OWNER'S IDENTIFICATION
P.E. & C. PROJECT NUMBER: 4500
DATE 2-13-78
DRAWN BY K. SHARIFF G.T.
JOB CAPT. J. WALDROP J. KONKLE
SHEET NUMBER: E-120

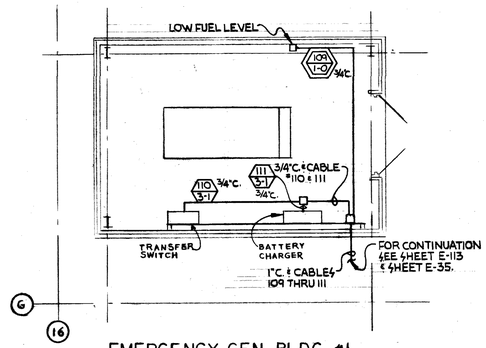
ARGO 118 REV. 12-69 KME 17 0193 2-74 1750M



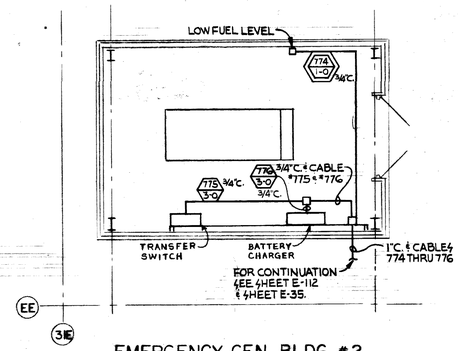

PLENUM
SCALE: 1"=100'



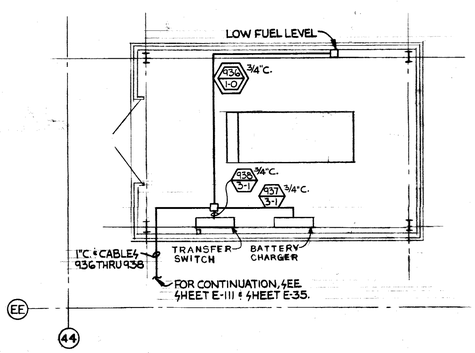

ROOF CONVEYOR ENCLOSURE
SCALE: 1"=100'



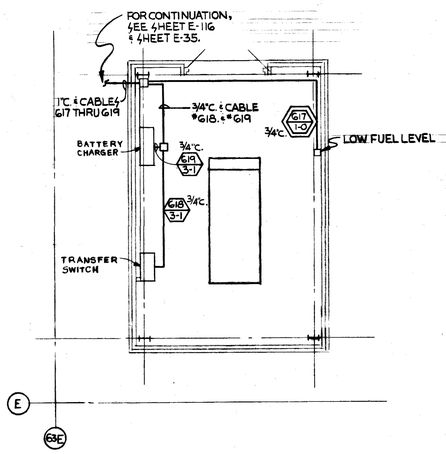

EMERGENCY GEN. BLDG. #1
SCALE: 1/4"=1'-0"




EMERGENCY GEN. BLDG. #2
SCALE: 1/4"=1'-0"




EMERGENCY GEN. BLDG. #3
SCALE: 1/4"=1'-0"




EMERGENCY GEN. BLDG. #4
SCALE: 1/4"=1'-0"

TYPICAL-THIS SHEET

## NOTES:

1. FOR PLOT PLAN & DRAWING INDEX, SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES, SEE SHEETS #E-2 & E-3.
3. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX, OR JUNCTION BOX THEY PASS THRU.
4. 110 — CABLE NUMBER. 4-3 — NUMBER OF SPARE PAIRS IN CABLE. — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
5. FOR LAST CABLE NUMBER USED, SEE DRAWING #E-110.
6. ⬡ CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
7. ⬢ CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 16 AWG CONDUCTORS.
8. □ - INDICATES JUNCTION BOX OR PULL BOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL #143 | R. [illegible] | C. Sandison |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
3044 WEST GRAND BLVD. DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN-ROOF CONVEYOR ENCLOSURE, PLENUM, EMERG. GEN. BLDGS-FIRE AND WATCH FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E. & C. PROJECT NUMBER

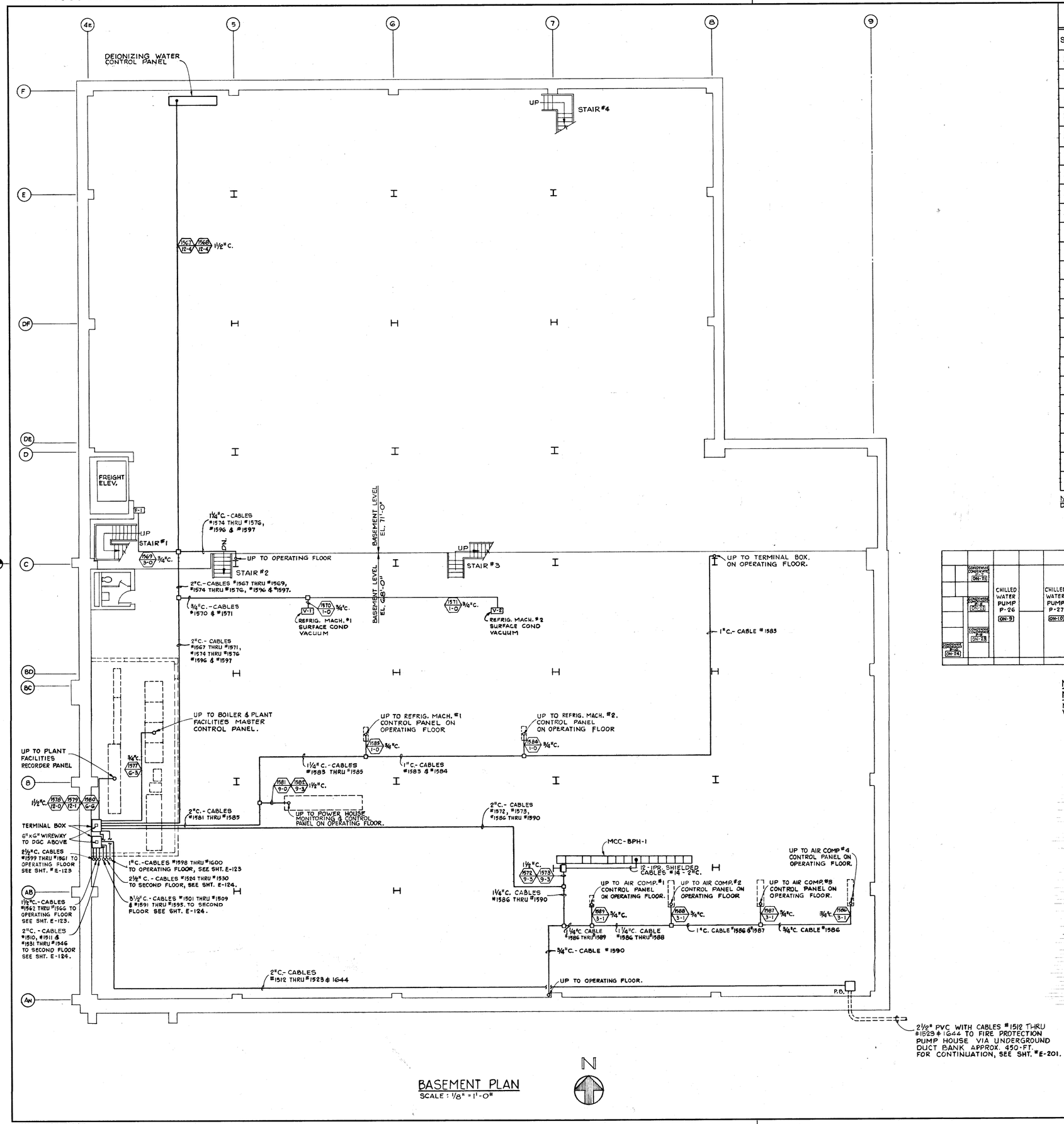
DATE 2-13-78

DRAWN BY K.S. & B.R.C.

JOB CAPT. J. WALDROP, J. KONKLE

E-121
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-122

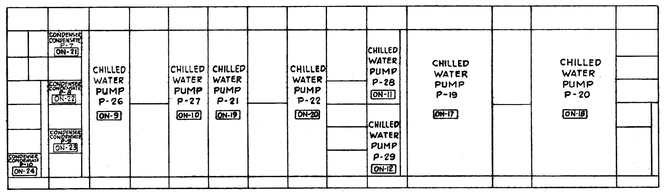



BASEMENT PLAN
SCALE: 1/8" = 1'-0"

## MONITORING SYMBOL LIST

| SYMBOL | DESCRIPTION |
|---|---|
| ON-1 | ON-OFF STATUS |
| KWH-1 | KILO-WATT HOUR |
| KVARH-1 | KILO-VAR HOUR |
| T-1 | TEMPERATURE |
| LL-1 | LOW LEVEL |
| HL-1 | HIGH LEVEL |
| SF-1 | STEAM FLOW |
| WF-6 | WATER FLOW |
| GF-10 | GAS FLOW |
| W-1 | WEIGHT |
| SO-1 | SULPHUR DIOXIDE |
| NO-1 | NITROUS OXIDE |
| OP-1 | OPACITY |
| V-1 | VACUUM |
| M-1 | METER |
| OPN-1 | OPEN |
| CL-1 | CLOSE |
| P-1 | PRESSURE |
| FDR-1 | FEEDER BREAKER |
| F-1 | FIRE & WATCH BOX WITH TELEPHONE |
| UV-1 | UNDER VOLTAGE (TRANSFORMER) |
| OL-1 | OVERLOAD |
| PH-1 | ACIDITY MEASUREMENT |

NOTE:
DIGIT ADJACENT TO SYMBOL INDICATES THE NUMBERING.




MOTOR CONTROL CENTER
MCC-BPH-1 (SOUTH BSM'T.)
MAIN HORIZONTAL BUS 1600 AMP.
VERTICAL BUS 400 AMP.

NOTES

1. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES - SEE SHEETS #E-2, #E-3 & #E-122.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND PRESSURE SWITCHES - REFER TO CIVIL DRAWINGS.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS AND UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
6. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
7. THE CONTRACTOR SHALL INSTALL THE COAX CABLE AND SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
8. CABLES ARE TO BE LABLED IN EVERY TERMINAL BOX, PULL BOX, JUNCTION BOX THEY PASS THRU.
9. 1507 ← CABLE NUMBER; 9-3 ← NUMBER OF SPARE PAIRS IN CABLE, TOTAL NUMBER OF SHIELDED PAIRS IN CABLE — SAME IDENTIFICATION EXCEPT W/#18 AWG.
10. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN. IN RDGC SCHEDULE.
11. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
12. TERMINAL BOX SHALL BE SIZED FOR MINIMUM 50% ADDITIONAL TERMINAL CAPACITY. WIRING FROM TERMINAL BOX INTO EACH MCC SHALL BE RATED 600 VOLT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. #143 | [illegible] | C Sandoe |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL#148 | 7-18-78 | TJ | [illegible] | [illegible] |
| BULL 157 | 4-13-79 | T.J. | [illegible] | [illegible] |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS
PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

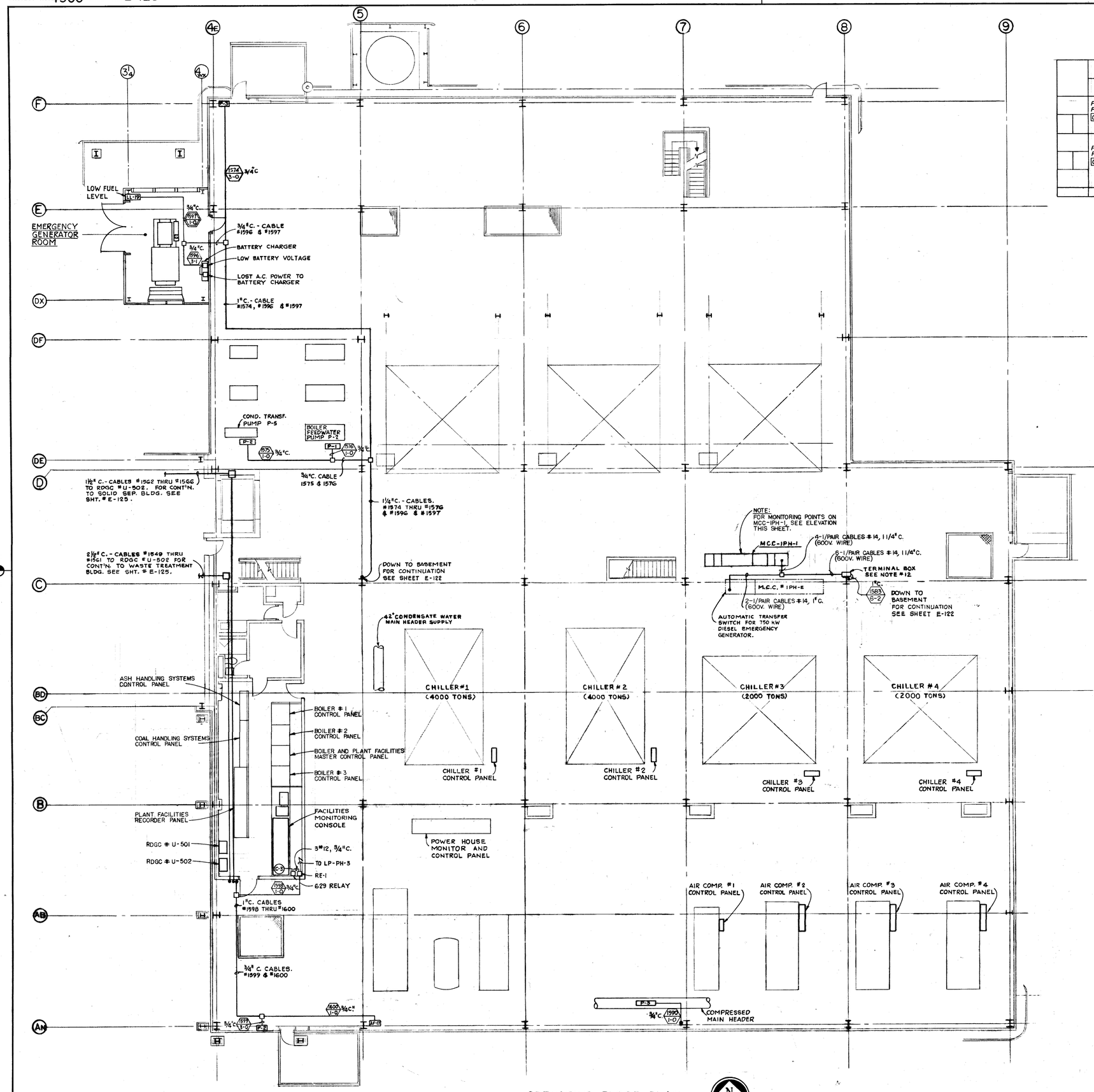
PROJECT TITLE

POWER HOUSE
BASEMENT PLAN
FACILITIES MONITORING
CONTROL AND
FIRE AND WATCH

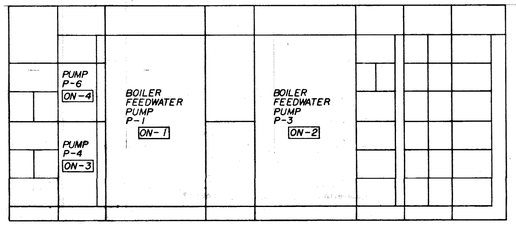
SHEET TITLE

OWNER'S IDENTIFICATION
P.E. & C. PROJECT NUMBER: 4500
DATE
DRAWN BY L. BALLIETT
JOB CAPT. T. JOHNSON
SHEET NUMBER: E-122

ARGO 145 K&E 17 0153 8-74 3027




OPERATING FLOOR PLAN
SCALE: 1/8"=1'-0"




MOTOR CONTROL CENTER MCC-1PH-1

## NOTES

1. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES SEE SHTS. #E-2, #E-3 & #E-122.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND PRESSURE SWITCHES - REFER TO CIVIL DRAWINGS.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS AND UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
6. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
7. THE CONTRACTOR SHALL INSTALL THE COAX CABLE AND SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
8. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
9. 1502 / 12-3 — CABLE NUMBER. NUMBER OF SPARE PAIRS IN CABLE. TOTAL NUMBER OF SHIELDED PAIRS IN CABLE. 1503 / 12-0 — SAME IDENTIFICATION EXCEPT #18 AWG CONDUCTORS.
10. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
11. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
12. TERMINAL BOX SHALL BE SIZED FOR MINIMUM 50% ADDITIONAL TERMINAL CAPACITY. WIRING FROM TERMINAL BOX INTO EACH MCC SHALL BE RATED 600 VOLT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. #143 | M. Lee | C. Stinchcomb |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. 157 | 4-13-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY **G M ASSEMBLY DIVISION** GENERAL MOTORS CORPORATION OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

POWER HOUSE OPERATING FLOOR PLAN FACILITIES MONITORING, CONTROL AND FIRE AND WATCH

SHEET TITLE

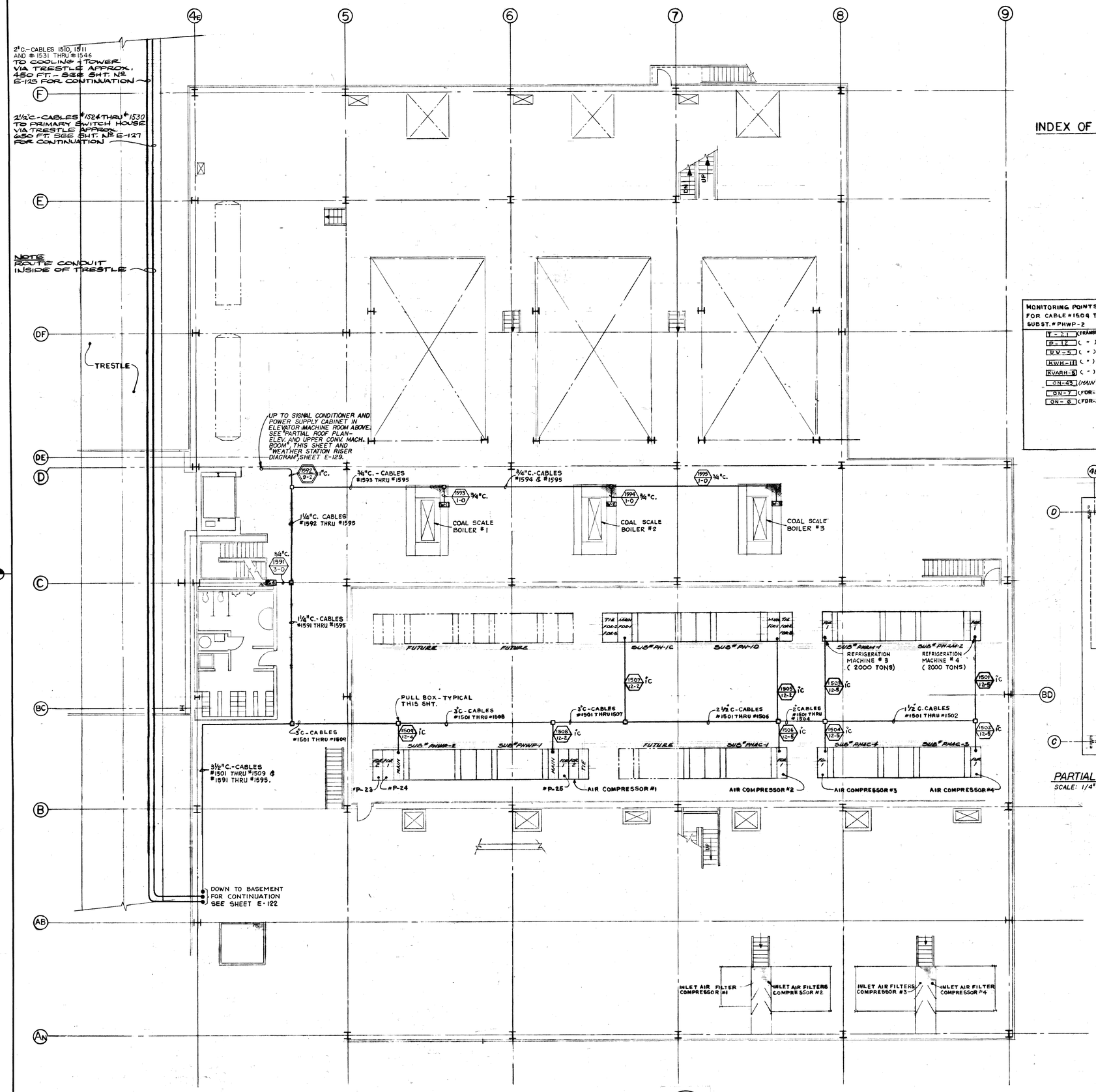
OWNER'S IDENTIFICATION — F.E.&G. — PROJECT NUMBER 4500

DATE 2-13-78

DRAWN BY K. SHARIFF

JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER E-123



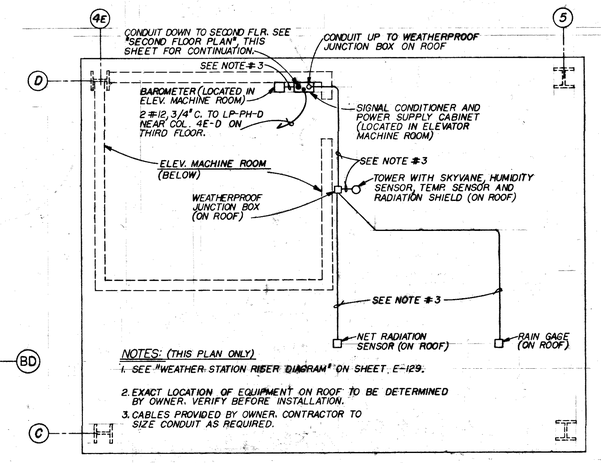

## SECOND FLOOR PLAN

SCALE: 1/8"=1'-0"

## INDEX OF SUBSTATION MONITORING POINTS AND CABLES

| MONITORING POINTS FOR CABLE #1507 TO SUBST. # PH-1C | MONITORING POINTS FOR CABLE #1505 TO SUBST. # PH-1D | MONITORING POINTS FOR CABLE #1503 TO SUBST. # PHRM-1 | MONITORING POINTS FOR CABLE #1501 TO SUBST. # PHRM-2 |
|---|---|---|---|
| T-17 (TRANSF.) | T-18 (TRASF.) | T-19 (TRANSF.) | T-20 (TRANSF.) |
| P-8 (") | P-9 (") | P-10 (") | P-11 (") |
| UV-1 (") | UV-2 (") | UV-3 (") | UV-4 (") |
| KWH-7 (") | KWH-8 (") | KWH-9 (") | KWH-10 (") |
| KVARH-1 (") | KVARH-2 (") | KVARH-3 (") | KVARH-4 (") |
| ON-46 (MAIN) | ON-51 (MAIN) | | |
| ON-47 (FDR-1) | ON-52 (FDR-1) | ON-15 (FDR-1) | ON-16 (FDR-1) |
| ON-48 (TIE) | ON-53 (TIE) | | |
| ON-49 FDR-2 | ON-54 (FDR-2) | | |
| ON-50 FDR-3 | ON-55 (FDR-3) | | |

| MONITORING POINTS FOR CABLE #1509 TO SUBST. # PHWP-2 | MONITORING POINTS FOR CABLE # 1508 TO SUBST. # PHWP-1 | MONITORING POINTS FOR CABLE #1506 TO SUBST. PHAC-1 | MONITORING POINTS FOR CABLE #1504 TO SUBST. PHAC-4 | MONITORING POINTS FOR CABLE #1502 TO SUBST. PHAC-3 |
|---|---|---|---|---|
| T-21 (TRANSF.) | T-22 (TRANSF.) | T-23 (TRANSF.) | T-24 (TRANSF.) | T-25 (TRANSF.) |
| P-12 (") | P-13 (") | P-14 (") | P-15 (") | P-16 (") |
| UV-5 (") | UV-6 (") | UV-7 (") | UV-8 (") | UV-9 (") |
| KWH-11 (") | KWH-12 (") | KWH-13 (") | KWH-14 (") | KWH-15 (") |
| KVARH-6 (") | KVARH-8 (") | KVARH-7 (") | KVARH-8 (") | KVARH-9 (") |
| ON-43 (MAIN) | ON-33 (FDR-2) | ON-34 (FDR-1) | ON-35 (FDR-1) | ON-36 (FDR-1) |
| ON-7 (FDR-1) | ON-44 (MAIN) | | | |
| ON-6 (FDR-2) | ON-45 (TIE) | | | |
| | ON-8 (FDR-1) | | | |




NOTES: (THIS PLAN ONLY)

1. SEE "WEATHER STATION RISER DIAGRAM" ON SHEET E-129.
2. EXACT LOCATION OF EQUIPMENT ON ROOF TO BE DETERMINED BY OWNER. VERIFY BEFORE INSTALLATION.
3. CABLES PROVIDED BY OWNER. CONTRACTOR TO SIZE CONDUIT AS REQUIRED.

## PARTIAL ROOF PLAN - ELEVATOR AND UPPER CONVEYOR MACHINE ROOM

SCALE: 1/4"=1'-0"

## NOTES

1. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES - SEE SHEETS #E-2, #E-3 & #E-122.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND PRESSURE SWITCHES - REFER TO CIVIL DRAWINGS.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS AND UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
6. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
7. THE CONTRACTOR SHALL INSTALL THE COAX CABLE AND SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
8. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
9. 1501 12-5 — CABLE NUMBER. NUMBER OF SPARE PAIRS IN CABLE. TOTAL NUMBER OF SHIELDED PAIRS IN CABLE. 1602 9-2 — SAME IDENTIFICATION EXCEPT 16 AWG CONDUCTORS
10. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
11. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. #143 | M. [illegible] | C. Sandison |
| BULL 157 | 4-13-78 | T.J. | [illegible] |
| BULL 147 | 3/13/78 | T.J. | [illegible] |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — DIVISION OF GENERAL MOTORS — ARCHITECTURE & ENGINEERING

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

POWER HOUSE
SECOND FLOOR PLAN
FACILITIES MONITORING, CONTROL AND FIRE AND WATCH

SHEET TITLE

OWNER'S IDENTIFICATION

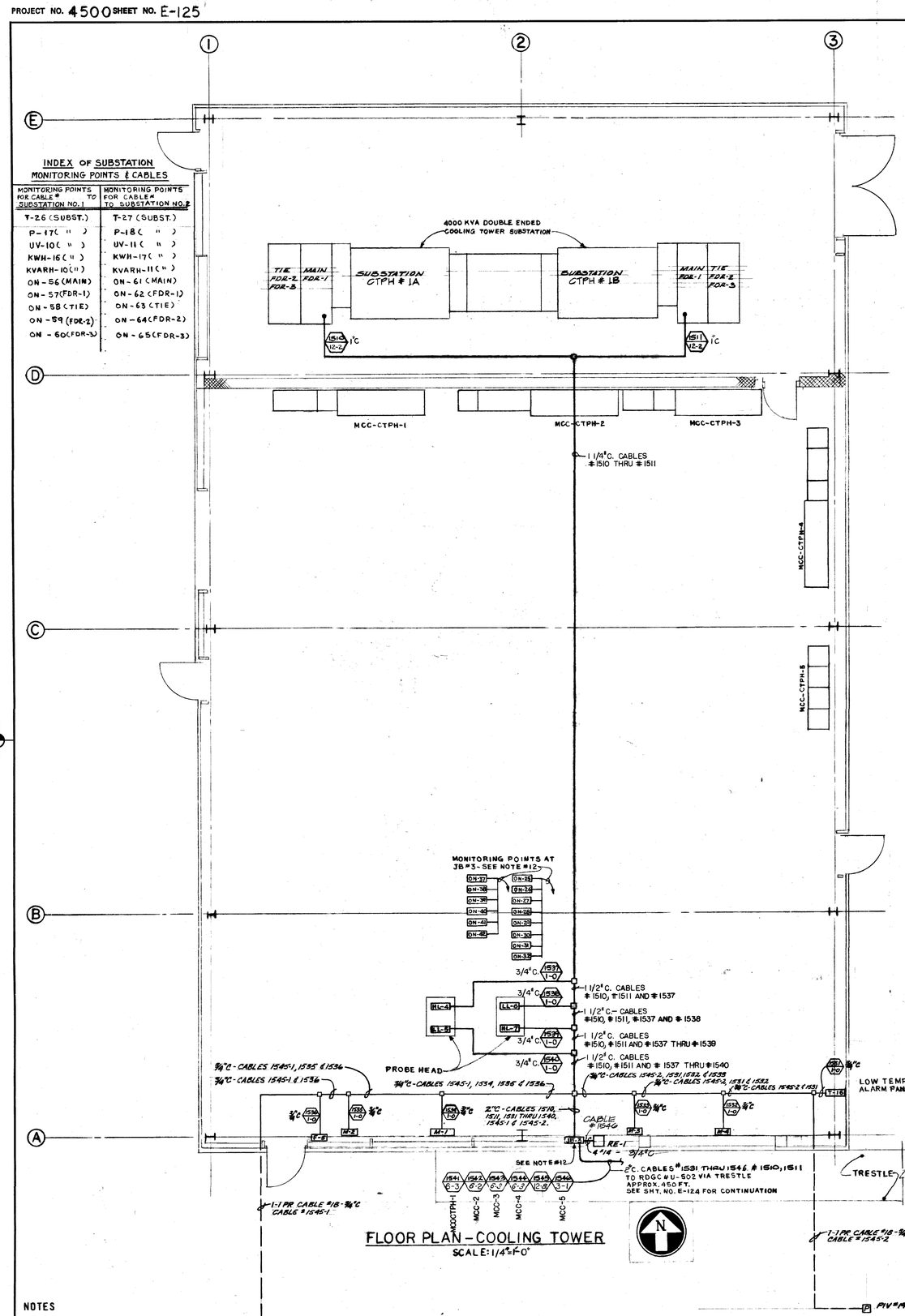
4500
P.E.&C. PROJECT NUMBER

DATE 2-13-78

DRAWN BY K. SHARIFF

JOB CAPT. J. WALDROP, J. KONKLE

E-124
SHEET NUMBER

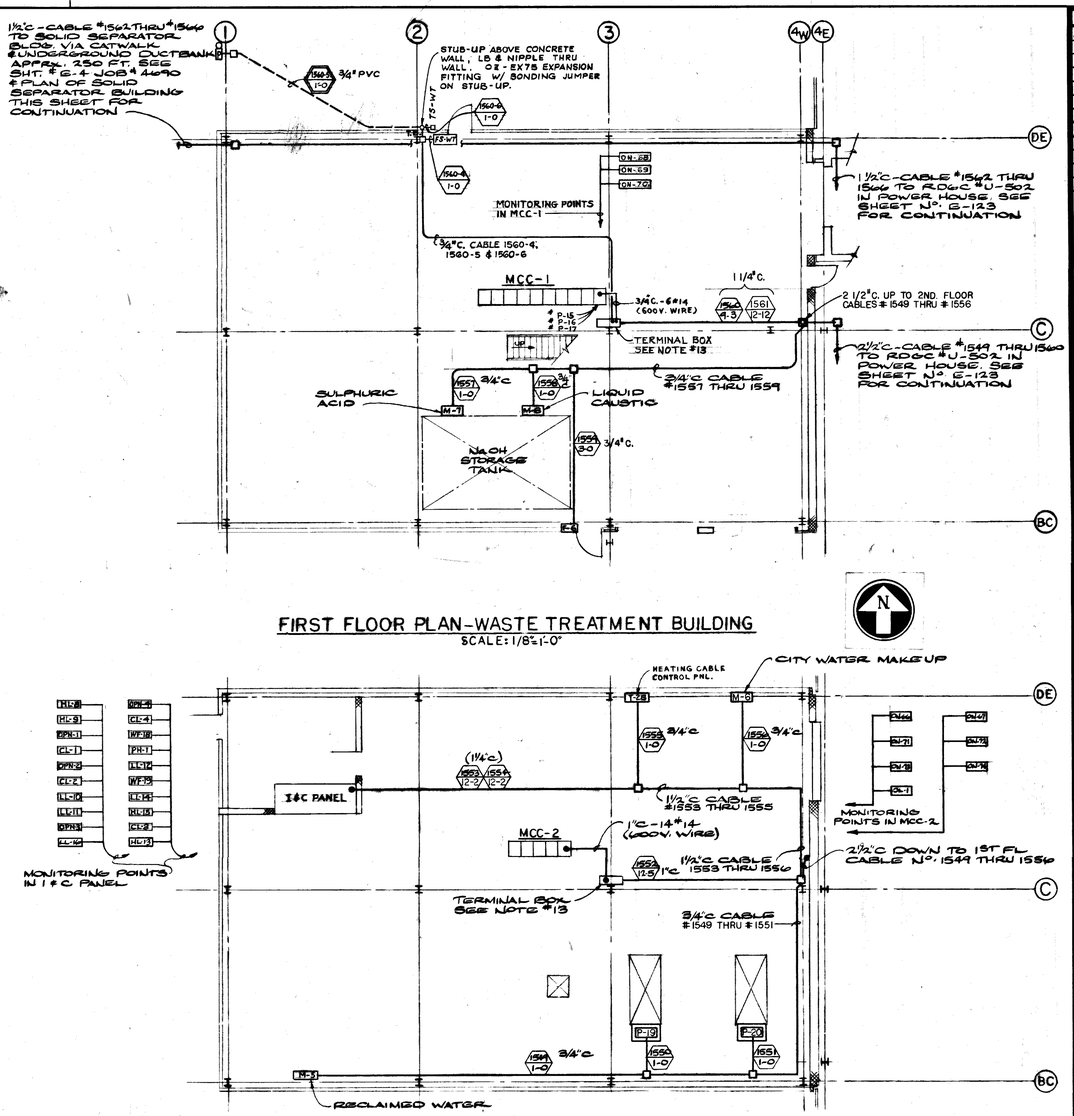



INDEX OF SUBSTATION MONITORING POINTS & CABLES

| MONITORING POINTS FOR CABLE # TO SUBSTATION NO. 1 | MONITORING POINTS FOR CABLE # TO SUBSTATION NO. 2 |
|---|---|
| T-26 (SUBST.) | T-27 (SUBST.) |
| P-17 ( " ) | P-18 ( " ) |
| UV-10 ( " ) | UV-11 ( " ) |
| KWH-16 ( " ) | KWH-17 ( " ) |
| KVARH-10 ( " ) | KVARH-11 ( " ) |
| ON-56 (MAIN) | ON-61 (MAIN) |
| ON-57 (FDR-1) | ON-62 (FDR-1) |
| ON-58 (TIE) | ON-63 (TIE) |
| ON-59 (FDR-2) | ON-64 (FDR-2) |
| ON-60 (FDR-3) | ON-65 (FDR-3) |

FLOOR PLAN-COOLING TOWER

SCALE: 1/4"=1'-0"



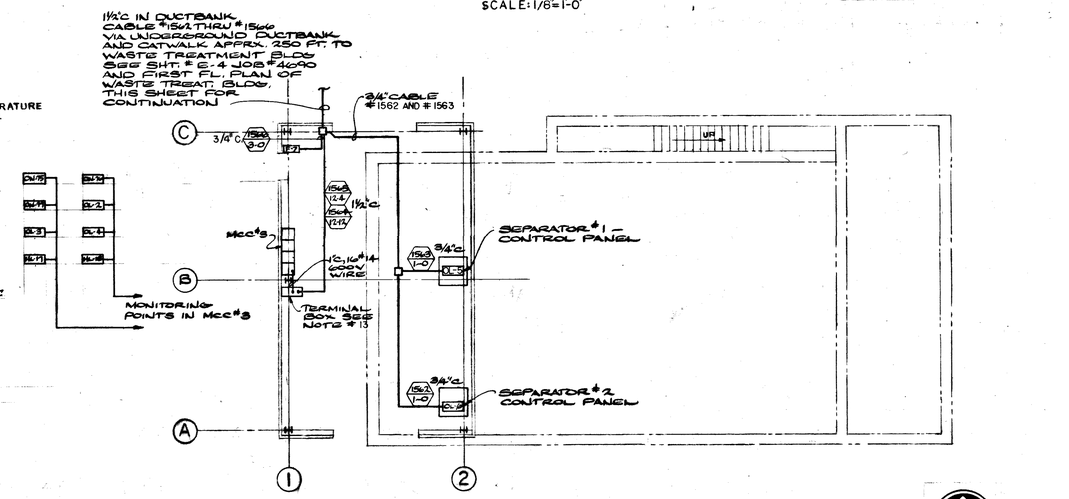

FIRST FLOOR PLAN-WASTE TREATMENT BUILDING

SCALE: 1/8"=1'-0"




SECOND FLOOR PLAN-WASTE TREATMENT BUILDING

SCALE: 1/8"=1'-0"




FLOOR & PIT PLAN-SOLID SEPARATOR BUILDING

SCALE: 1/8"=1'-0"

NOTES

1. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES - SEE SHEETS #E-2, #E-3 & #E-122.
3. FOR EXACT LOCATION OF SECTIONAL CONTROL VALVES, POST INDICATING VALVES AND PRESSURE SWITCHES REFER TO CIVIL DRAWINGS.
4. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS AND UTILITY METERS - SEE MECHANICAL DRAWINGS.
5. SEE SHEET #E-129 FOR RDGC MOUNTING DETAILS.
6. FOR RDGC SCHEDULE SHEET NUMBERS - SEE INDEX SHEET #E-1.
7. THE CONTRACTOR SHALL INSTALL THE COAX CABLE AND SHIELDED CABLE IN ACCORDANCE WITH THE CABLE MANUFACTURERS RECOMMENDATIONS.
8. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
9. 1540-4 — CABLE NUMBER. 4 — NUMBER OF SPARE PAIRS IN CABLE. 34 — TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
10. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN RDGC SCHEDULE.
11. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
12. EXISTING JUNCTION BOX #3 WITH EXISTING 84# 14 WIRES. SEE SHEET #E-302 JOB NO. 4680 FOR CONTINUATION OF THE FACILITIES MONITORING WIRING IN COOLING TOWER.
13. TERMINAL BOX SHALL BE SIZED FOR MINIMUM 50% ADDITIONAL TERMINAL CAPACITY. WIRING FROM TERMINAL BOX INTO EACH MCC SHALL BE RATED 600 VOLT.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULLETIN 143 | | C. Sandison |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| EFO 404 | 8-28-78 | T.J. | | |
| BULL 166 | 7-18-78 | T.J. | | |
| EFO 313 | 6-14-78 | T.J. | | |
| BULL 147 | 3/13/78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — PLANT ENGINEERING AND CONSTRUCTION — MANUFACTURING STAFF — GENERAL MOTORS CORPORATION — DIVISION OF GENERAL MOTORS, 465 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

COOL. TOWER, SOLID. SEP. AND WASTE TREATMENT BLDG. FACILITIES MONITORING, CONTROL AND FIRE AND WATCH

SHEET TITLE

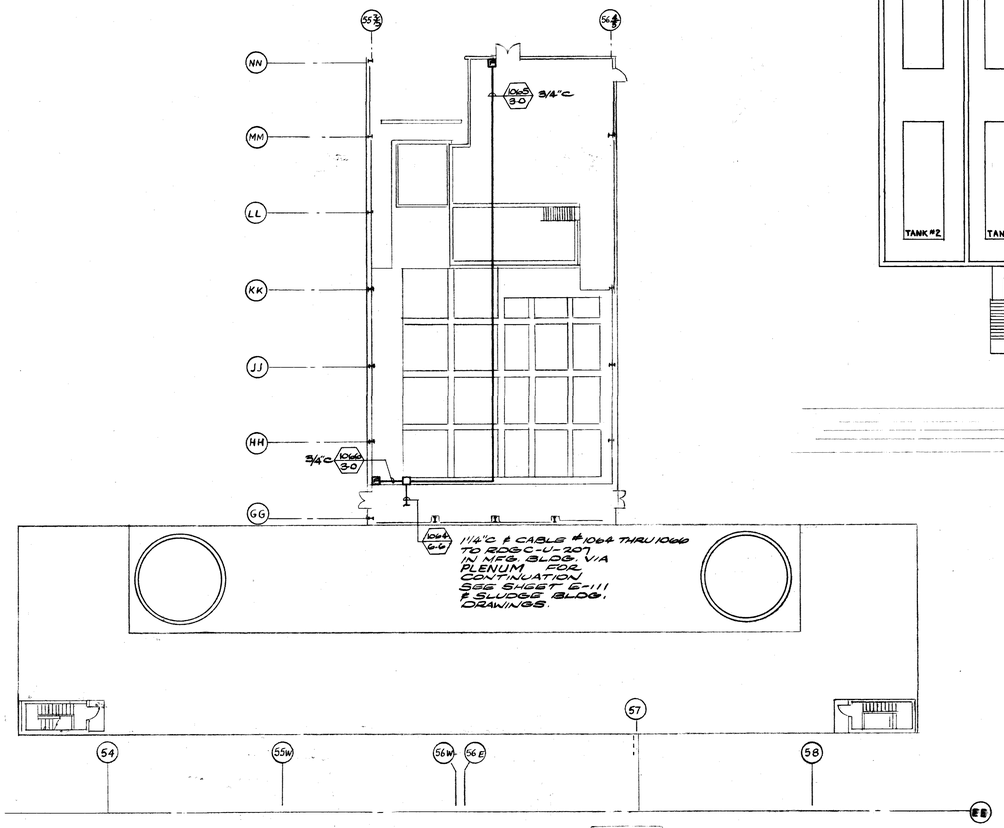
OWNER'S IDENTIFICATION — A.E.&C. PROJECT NUMBER: 4500

DATE 2-13-78

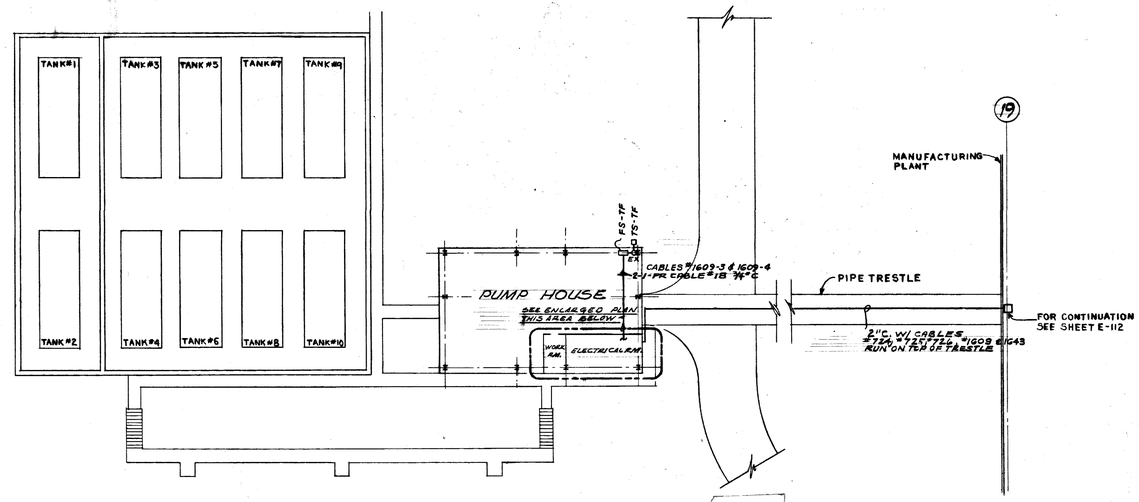
DRAWN BY K. SHARIFF

JOB CAPT. J. WALDROP, J. KONKLE

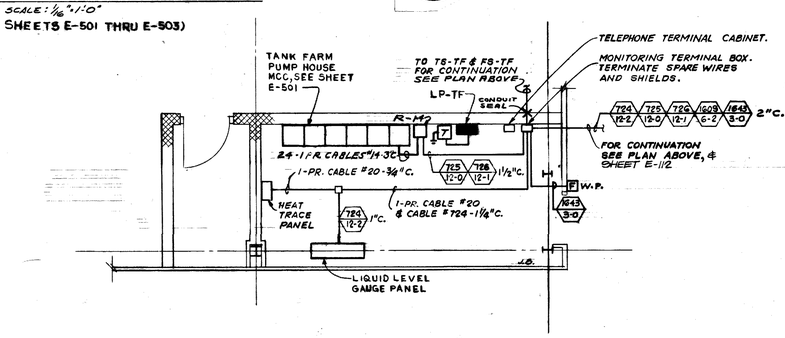
SHEET NUMBER: E-125




SLUDGE BUILDING
SCALE: 1/16"=1'-0"




PROCESS FLUID PUMP HOUSE
& TANK FARM
SCALE: 1/16"=1'-0"
(SEE SHEETS E-501 THRU E-503)




ENLARGED PLAN - ELECTRICAL RM.
SCALE: 1/4"=1'-0"

## NOTES

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS #E-2 & E-3.
3. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX PULL BOX OR JUNCTION BOX THEY PASS THRU.
4. 110 / 9.3 — CABLE NUMBER; NUMBER OF SPARE PAIRS IN CABLE; TOTAL NUMBER OF SHIELDED PAIRS IN CABLE
5. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110
6. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
7. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS
8. INDICATES JUNCTION BOX OR PULLBOX ON THIS SHEET AS REQUIRED

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL 143 | [illegible] | C. Sanders |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| BULC168 | 7-15-78 | T.J. | | |
| EFO #322 | 5-10-78 | T.J. | | |
| EFO 295 | 4-13-78 | T.J. | | |
| EFO #298 | 4-13-78 | TJ | | |
| EFO #271 | 3/20/78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

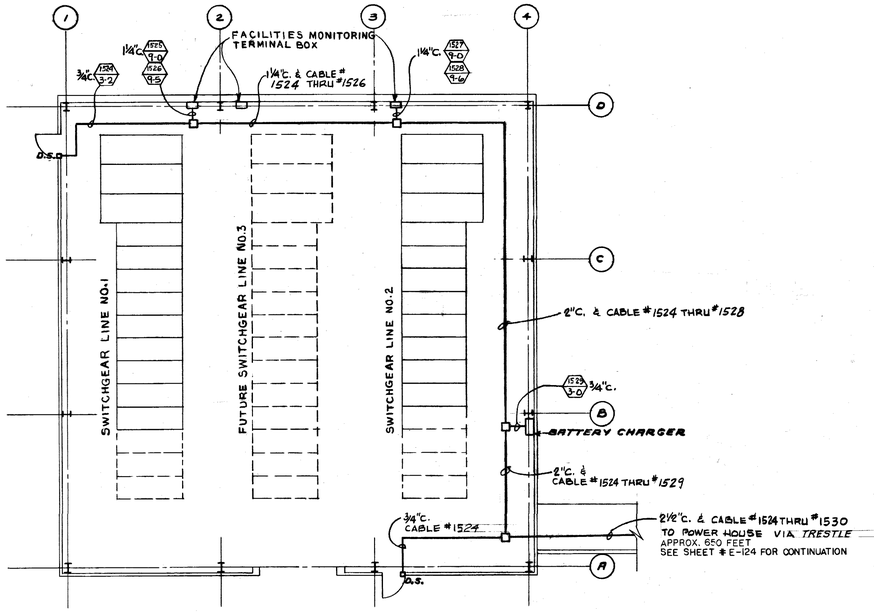
ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
3044 WEST GRAND BLVD. DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA
PROJECT TITLE

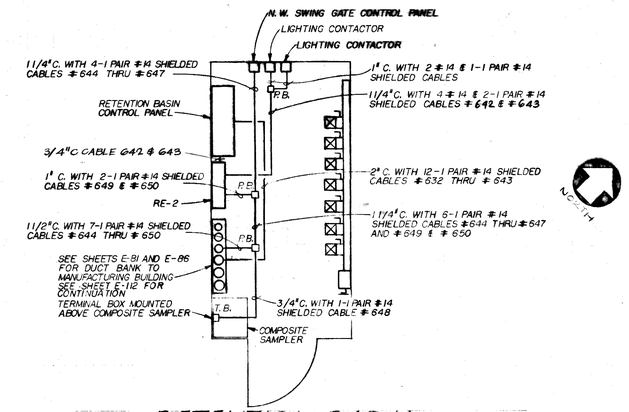
PLAN - PROCESS FLUID PUMP HOUSE - SLUDGE BUILDING FACILITIES MONITORING & CONTROL
SHEET TITLE

OWNER'S IDENTIFICATION
4500
P.E. & C. PROJECT NUMBER
DATE 2-13-78
DRAWN BY SHARIFF & T.G.
JOB CAPT. WALDROP & NONKLE
E-126
SHEET NUMBER



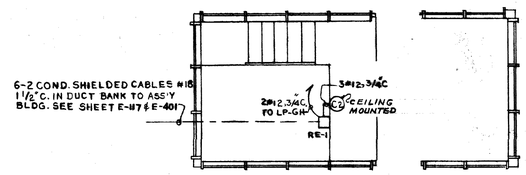

PRIMARY SWITCH HOUSE

SCALE: ⅛"=1'-0"




RETENTION BASIN
ELECT. EQUIP. BLDG.

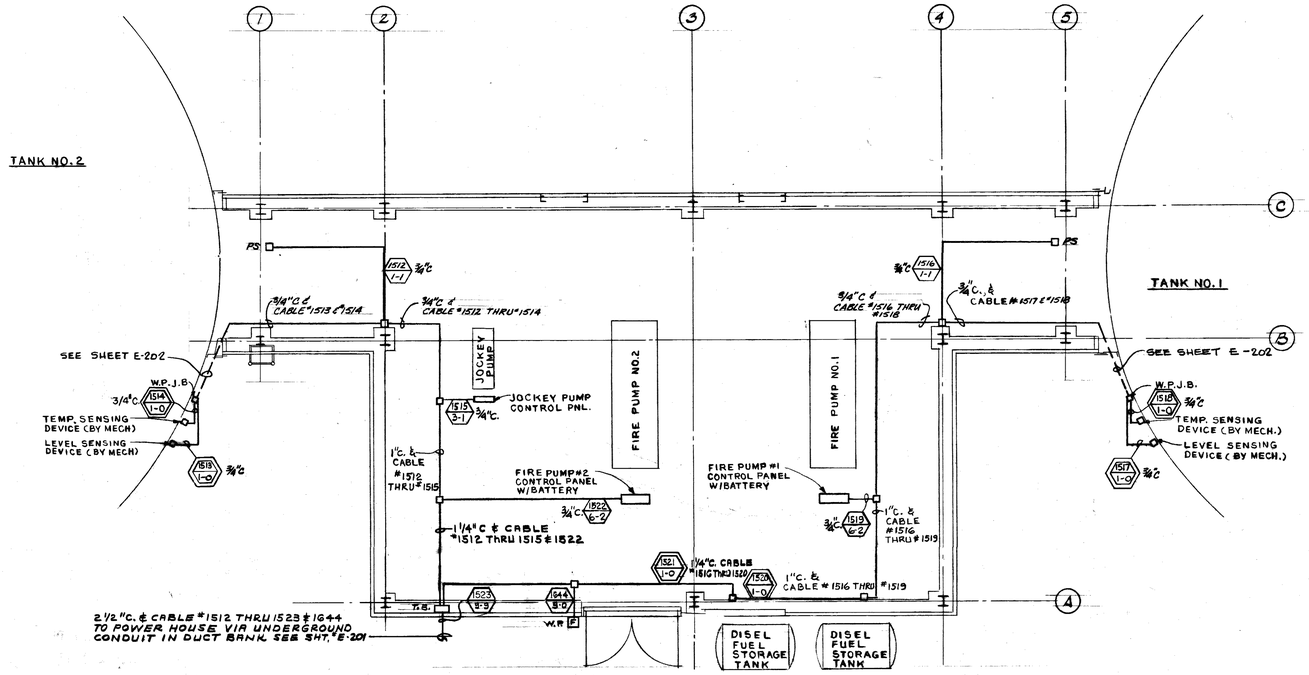
SCALE: ⅜"=1'-0"




GATEHOUSE

SCALE: ¼"=1'-0"

NORTH




FIRE PROTECTION PUMP HOUSE

SCALE: ¼"=1'-0"

## NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET # E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS # E-2 & E-3.
3. FOR DOOR LOCATIONS - SEE ARCHITECTURAL DRAWINGS.
4. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
5. 110 — CABLE NUMBER; 3/3 — NUMBER OF SPARE PAIRS IN CABLE / TOTAL NUMBER OF SHIELDED PAIRS IN CABLE
6. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN D&C SCHEDULE.
7. FOR LAST CABLE NUMBER USED - SEE DRAWING SHEET # E-110.
8. ⬡ CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG CONDUCTORS.
9. ⬢ CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG CONDUCTORS
10. □ INDICATES JUNCTION BOX OR PULLBOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL #143 | [illegible] | C. Sandeen |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #168 | 7-18-78 | T.J. | [illegible] | [illegible] |
| EFO 313 | 6-14-78 | TJ | [illegible] | [illegible] |
| EFO # 322 | 5-10-78 | TJ | [illegible] | [illegible] |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — DIVISION OF GENERAL MOTORS — ENGINEERING & CONSTRUCTION

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
455 NORTH MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN- PRIMARY SW. HSE., RET. BASIN RM., FIRE PROTECTION PUMP HSE. FACILITIES MONITORING & CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION — 4500 P. E. & C. PROJECT NUMBER

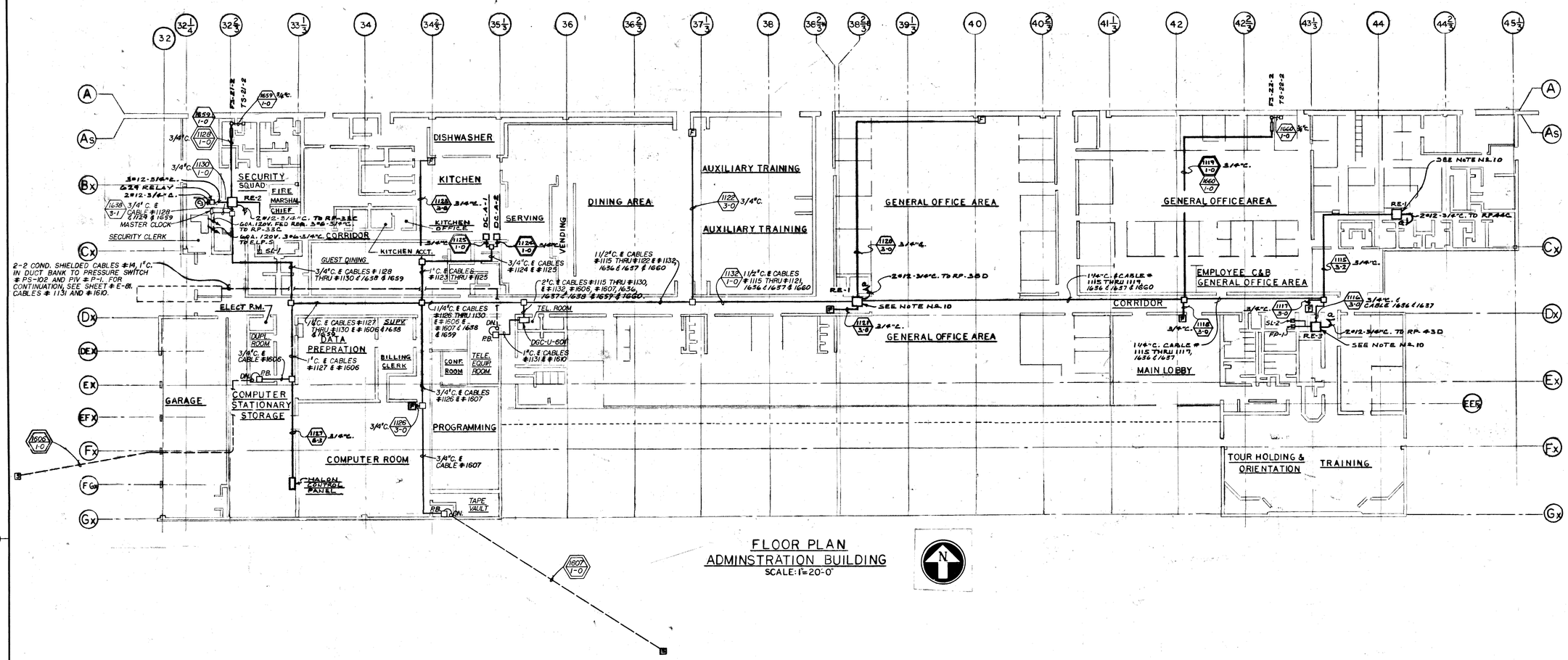
DATE 2-13-78

DRAWN BY D.T.

JOB CAPT. J. KONKLE, J. WALDROP

E-127

SHEET NUMBER




## FLOOR PLAN
## ADMINSTRATION BUILDING
SCALE: 1"=20'-0"

## NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES SEE SHEETS #E-2 & E-3.
3. FOR EXACT LOCATION OF FLOW SWITCHES, INSPECTION TEST VALVES, DELUGE VALVE CONTROL PANELS, AIR SUPPLY HOUSES, $CO_2$ PANELS & UTILITY METERS - SEE MECHANICAL DRAWINGS.
4. CABLES ARE TO BE LABELED IN EVERY TERMINAL BOX, PULL BOX OR JUNCTION BOX THEY PASS THRU.
5. 110 / 12-3 — CABLE NUMBER, NUMBER OF SPARE PAIRS IN CABLE, TOTAL NUMBER OF SHIELDED PAIRS IN CABLE.
6. ALL REMOTE CARDS TO BE LABELED WITH EQUIPMENT DESIGNATION SHOWN IN R.D.G.C. SCHEDULE.
7. FOR LAST CABLE NUMBER USED - SEE DRAWING #E-110.
8. CABLES SHOWN IN SINGLE HEXAGON TO HAVE 20 AWG. CONDUCTORS.
9. CABLES SHOWN IN DOUBLE HEXAGON TO HAVE 18 AWG. CONDUCTORS.
10. SEE JOB NUMBER 4700 SHEET E-13 THRU E-15 FOR CLOCKS TO BE CORRECTED BY MASTER CLOCK. ADD ONE (1) #12 AWG. WIRE IN CONDUIT FROM START/STOP CARD IN REMOTE ENCLOSURE TO CLOCK FOR CLOCK CORRECTION. THE START/STOP CARD AND THE CLOCK IT CORRECTS SHALL BE FED FROM THE SAME CIRCUIT.
11. □ - INDICATES JUNCTION BOX OR PULLBOX ON THIS SHEET AS REQUIRED.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL #143 | M. [illegible] | C. Sandu[illegible] |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| BULL 165 | 6-16-78 | TJ | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO 322 | 5-10-78 | T.J. | | |
| BULL 147 | 3/13/78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

ARGONAUT — DIVISION OF GENERAL MOTORS — GENERAL MOTORS CORPORATION

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN –
ADMINISTRATION BLDG
FACILITIES MONITORING
AND CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

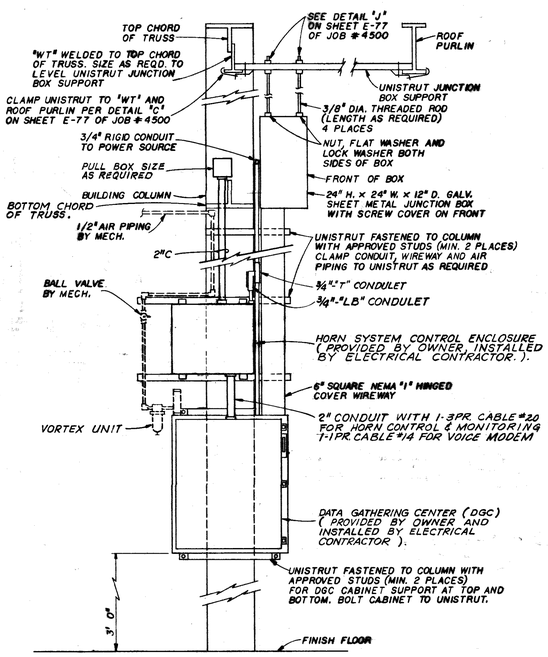
P.E.&C. PROJECT NUMBER: 4500

DATE 2-13-78

DRAWN BY K. SHARIFF

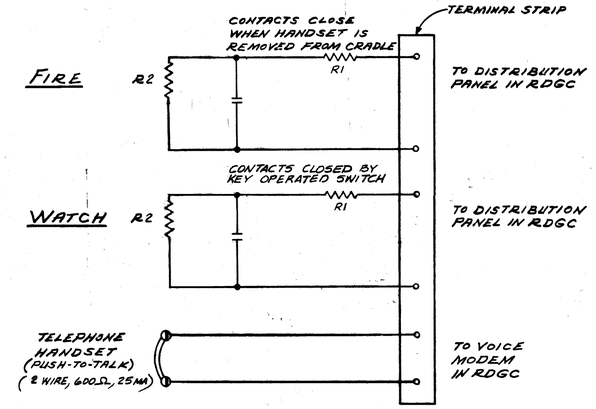
JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER: E-128



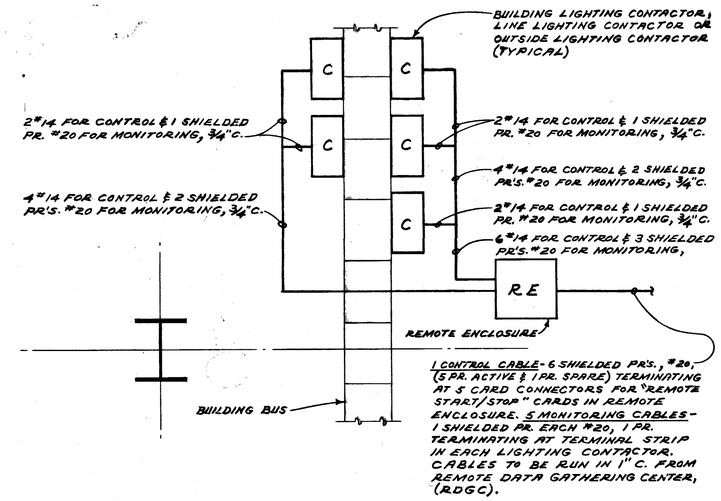

DATA GATHERING CENTER MOUNTING DETAIL

NOT TO SCALE




FIRE & WATCH STATION DETAIL

N.T.S.

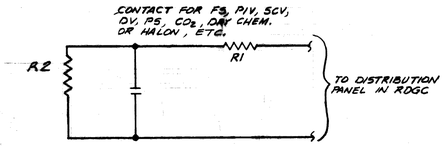



TYPICAL LIGHTING CONTACTOR PLAN

N.T.S.

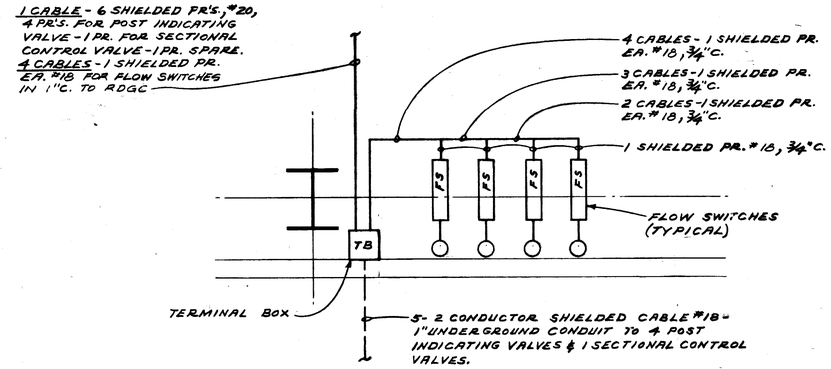
NOTE:

QUANTITY AND TYPE OF LIGHTING CONTACTOR WILL VARY. SEE PLAN SHEETS Nº E-110 THRU E-117 FOR LOCATION.




TYPICAL SECURITY POINT DETAIL

N.T.S.

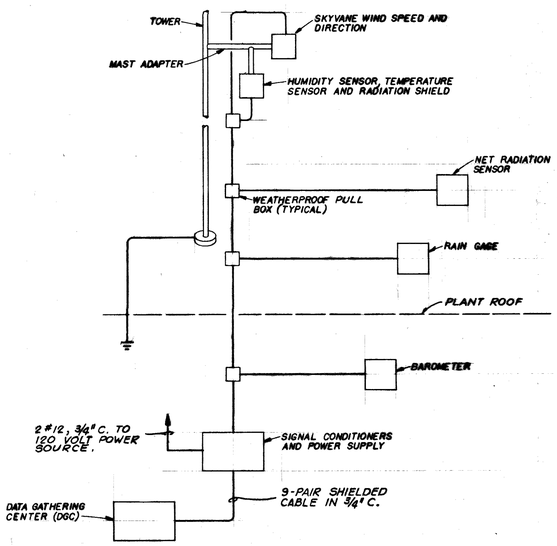



TYPICAL WATER FLOW SWITCH PLAN

N.T.S.

NOTE:

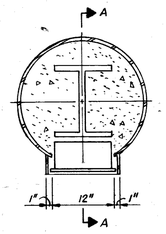
QUANTITY OF POST INDICATING VALVES, SECTIONAL CONTROL VALVES & WATER FLOW SWITCHES WILL VARY. SEE PLAN SHEETS Nº E-110 THRU E-117 FOR LOCATION.



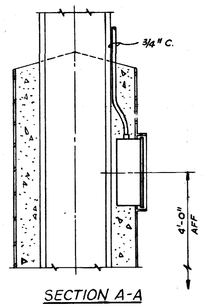

WEATHER STATION RISER DIAGRAM

NOT TO SCALE

CONTRACTOR SHALL VERIFY




PLAN




SECTION A-A

DETAILS FOR FIRE-WATCH STATION MOUNTED AT COLUMNS WITH PLATE AND CONCRETE GUARDS

SCALE: 1" = 1'-0"

| COLOR CODING FOR PAIRED CABLES | |
|---|---|
| PAIR NUMBER | COLOR COMBINATION |
| 1 | BLACK PAIRED WITH RED |
| 2 | BLACK PAIRED WITH WHITE |
| 3 | BLACK PAIRED WITH GREEN |
| 4 | BLACK PAIRED WITH BLUE |
| 5 | BLACK PAIRED WITH YELLOW |
| 6 | BLACK PAIRED WITH BROWN |
| 7 | BLACK PAIRED WITH ORANGE |
| 8 | RED PAIRED WITH WHITE |
| 9 | RED PAIRED WITH GREEN |
| 10 | RED PAIRED WITH BLUE |
| 11 | RED PAIRED WITH YELLOW |
| 12 | RED PAIRED WITH BROWN |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 2-13-78 | BULL. #143 | | C. Sanders |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. 168 | 7-18-78 | T.J. | | |
| BULL. 164 | 6-13-78 | T.J. | | |
| EFO. 288 | 4-15-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — REGISTERED — STATE — NUMBER — DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
ARGONAUT
DIVISION OF GENERAL MOTORS
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

DETAILS
FACILITIES MONITORING
& CONTROL

SHEET TITLE

OWNER'S IDENTIFICATION

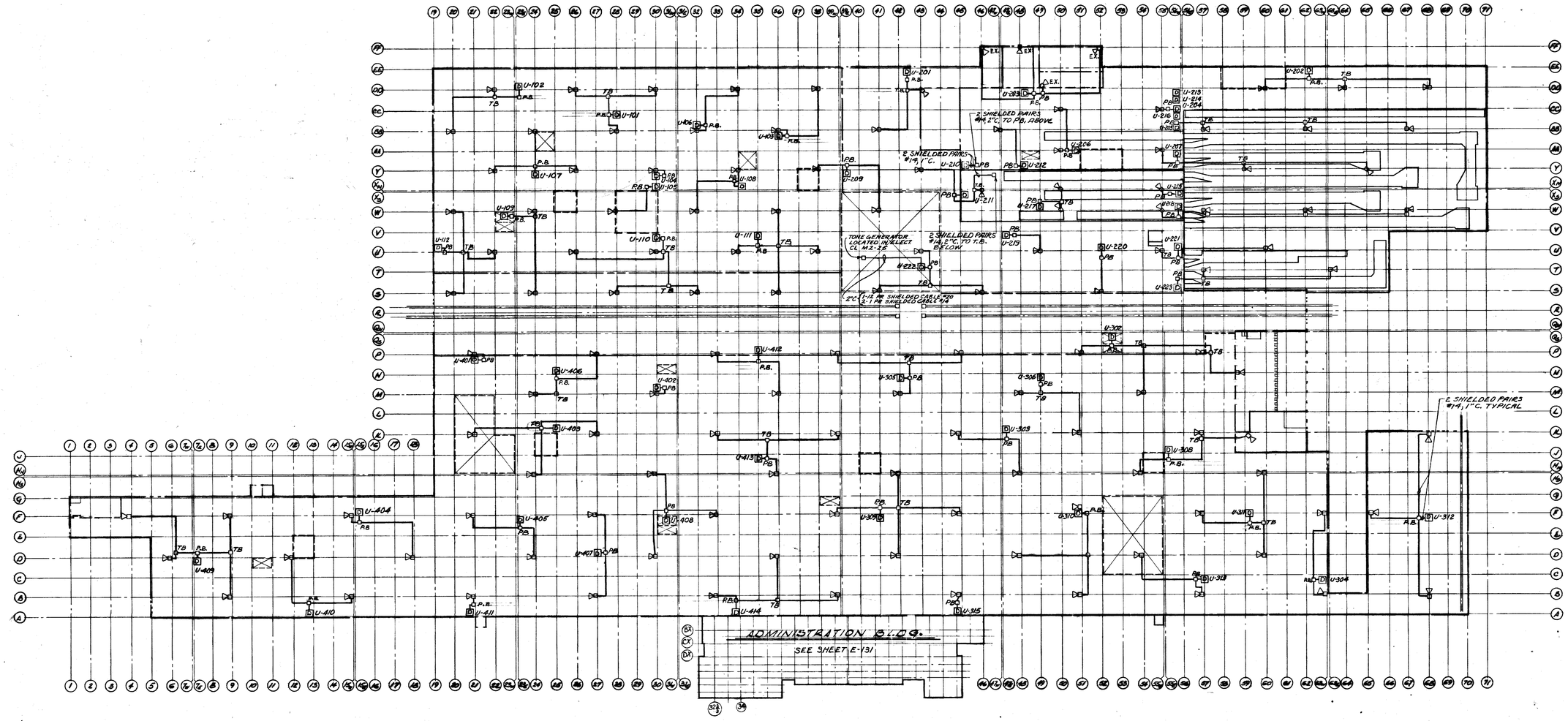
4500
P.E. & C. PROJECT NUMBER

DATE 2-13-78

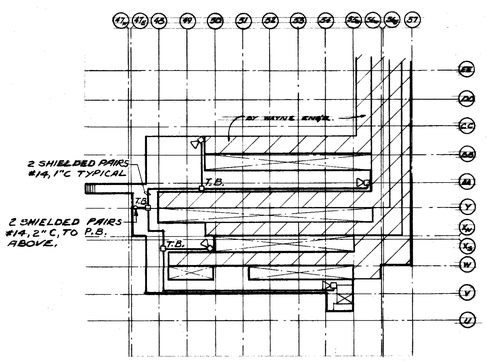
DRAWN BY D. TYRRELL

JOB CAPT. J. WALDROP, J. KONKLE

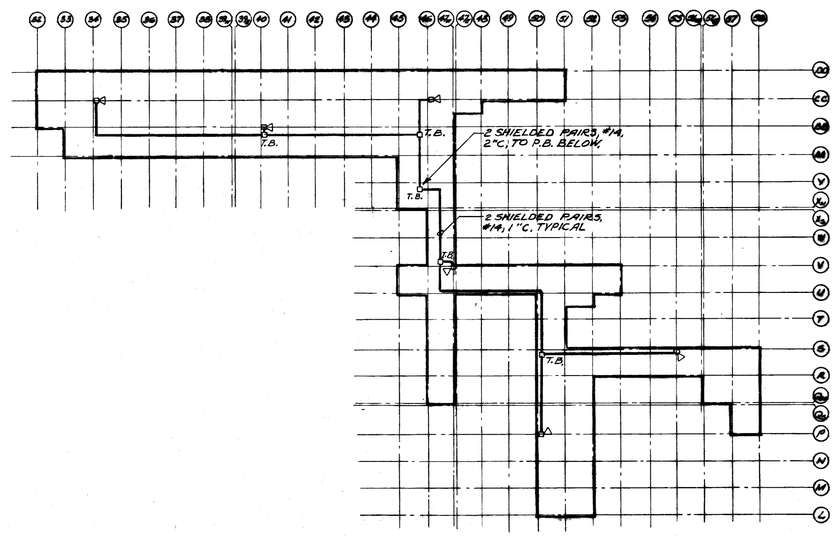
E-129
SHEET NUMBER




ASSEMBLY BLDG.
SCALE: 1" = 100'




PLENUM
SCALE: 1" = 100'




ROOF CONVEYOR ENCLOSURE
SCALE: 1" = 100'

NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES, SEE SHEETS #E-2 & #E-3.
3. THE TYPICAL MOUNTING HEIGHT FOR HORNS IS TO BE 15' AFF. WHERE CEILING HEIGHTS ARE LESS THAN 15', MOUNT AS HIGH AS POSSIBLE.
4. FIFTY (50) OF THE HORNS SHOWN THIS SHEET ARE PROVIDED BY THE OWNER. RECEIVED, HANDLED, AND INSTALLED BY ELECTRICAL CONTRACTOR.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL. 164 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 429 | 10-23-78 | T.J. | | |
| EFO #44 | 8-18-78 | T.J. | | |
| EFO 376 | 7-27-78 | T.J. | | |
| BULL 168 | 7-18-78 | T.J. | | |
| EFO 359 | 6-29-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN

NEW MANUFACTURING PLANT

FOR

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
ASSEMBLY BUILDING
PLANT WIDE HORN
SYSTEM

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

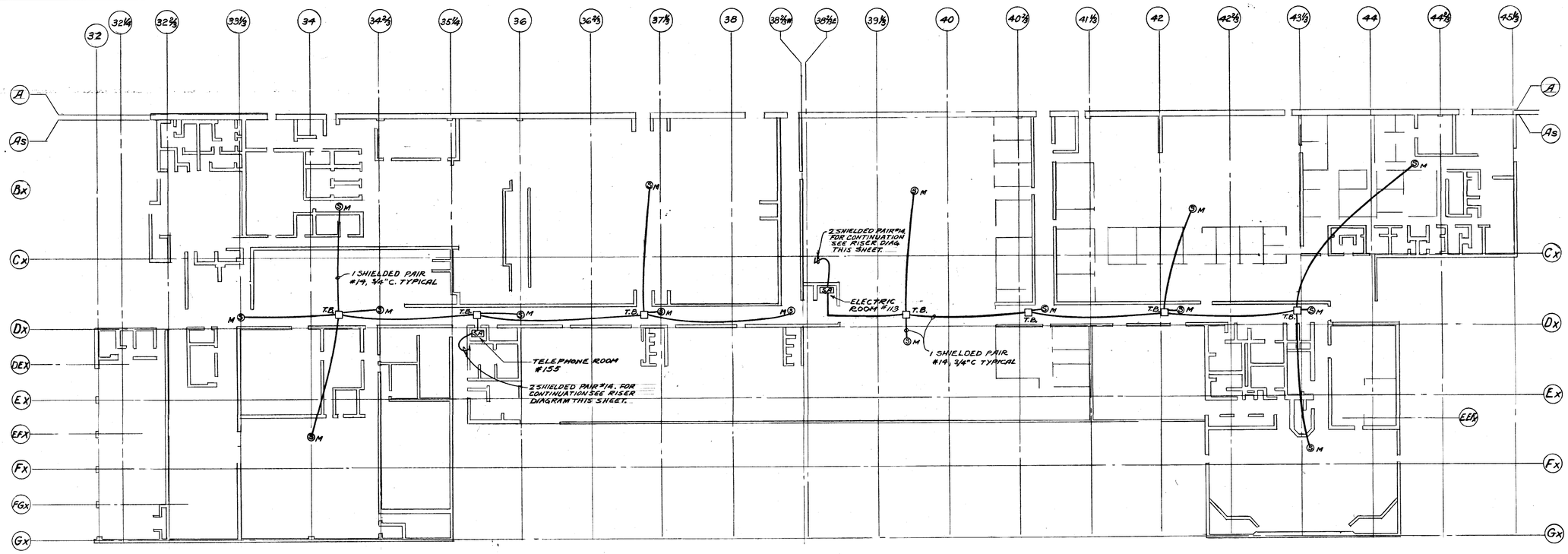
DATE 6-13-78

DRAWN BY R.W.

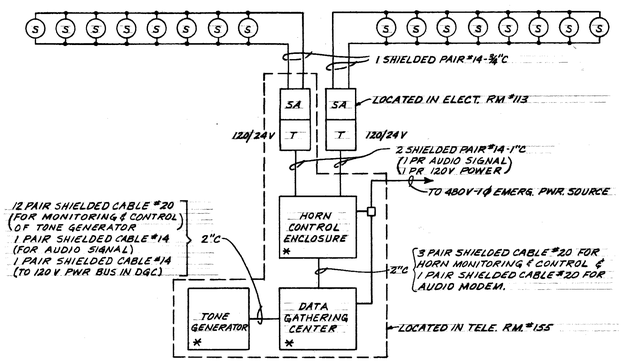
JOB CAPT. J. WALDROP
J. KONKLE

E-130
SHEET NUMBER

PROJECT NO. SHEET NO.




FLOOR PLAN
ADMINISTRATION BUILDING
SCALE: 1" = 20'-0"




ADMINISTRATION BUILDING HORN SYSTEM
RISER DIAGRAM

*- ELECTRICAL EQUIPMENT PROVIDED BY OWNER INSTALLED & WIRED BY ELECT. CONTRACTOR

NOTES:

1. FOR PLOT PLAN & DRAWING INDEX SEE SHEET #E-1.
2. FOR SYMBOL LIST, LIGHTING & RECEPTACLE PANEL SCHEDULES, SEE SHEETS #E-2 & #E-3.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL. 164 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES
FOR THE OWNER
FOR THE CONTRACTOR

DRAWING CERTIFIED BY
REGISTERED
STATE
NUMBER
DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE & DETROIT, MICHIGAN

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN
ADMINISTRATION BUILDING
PLANT WIDE HORN SYSTEM

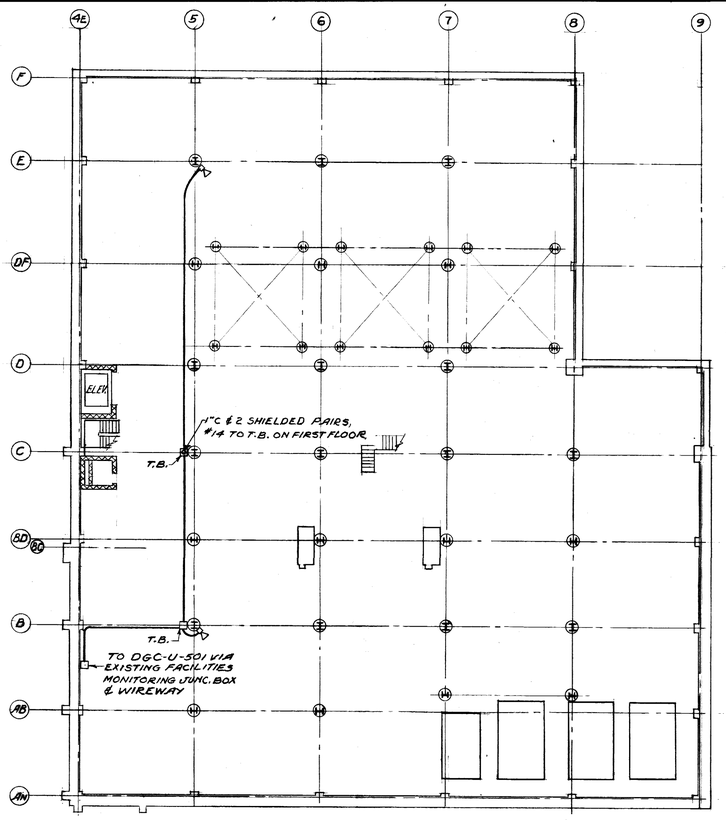
SHEET TITLE

OWNER'S IDENTIFICATION
4500
P.E.&C.T. PROJECT NUMBER

DATE 6-13-78
DRAWN BY R.W.
JOB CAPT. J. WALDROP, J. KONKLE

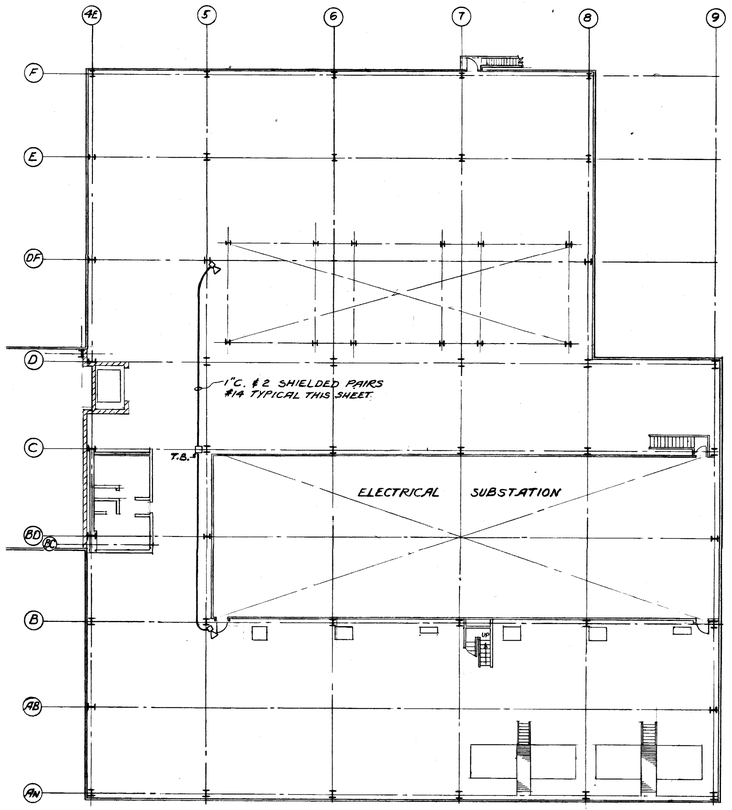
E-131
SHEET NUMBER

ARGO 116 REV. 12-69 K&E 17 0193 3-74 1799-



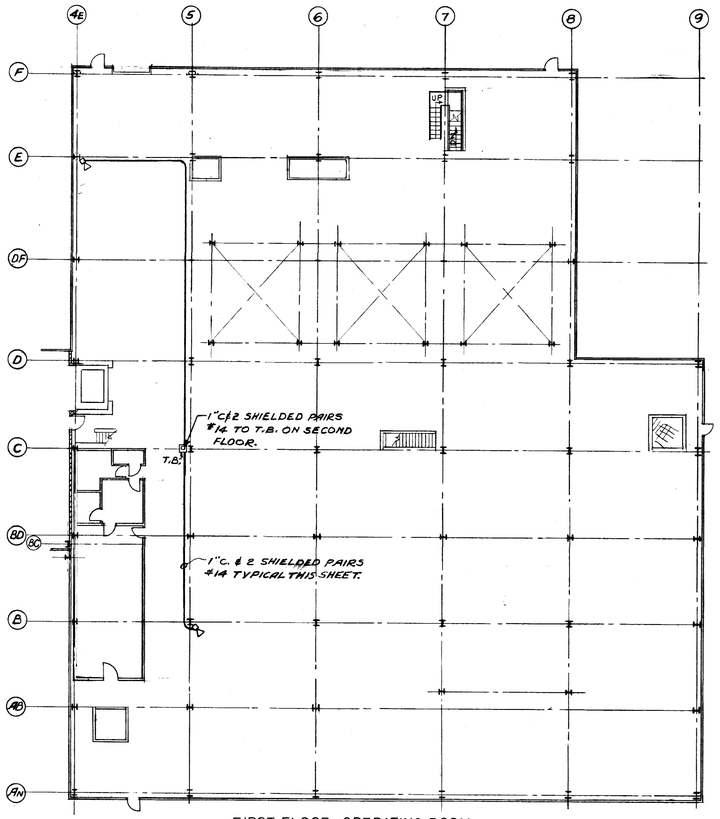

BASEMENT PLAN

SCALE 1/16"=1'-0"




SECOND FLOOR COAL SCALE PLATFORM

SCALE 1/16"= 1'-0"




FIRST FLOOR - OPERATING ROOM

SCALE 1/16"=1'-0"

NOTES:

1- FOR PLOT PLAN AND DRAWING INDEX SEE SHEET #E-1.

2- FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULE, SEE SHEETS #E-2 AND #E-3

3- THE TYPICAL MOUNTING HEIGHT FOR HORNS IS TO BE 15'-0" AFF - WHERE CEILING HEIGHTS ARE LESS THAN 15'-0", MOUNT AS HIGH AS POSSIBLE.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL. 164 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

REGISTERED

STATE

NUMBER

DATE

ARGONAUT

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

DIVISION OF GENERAL MOTORS 485 WEST MILWAUKEE AVENUE DETROIT, MICHIGAN

ARCHITECTURE & ENGINEERING

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

PLAN

POWER HOUSE

PLANT WIDE HORN SYSTEM

SHEET TITLE

OWNER'S IDENTIFICATION

4500

P.E. & C. PROJECT NUMBER

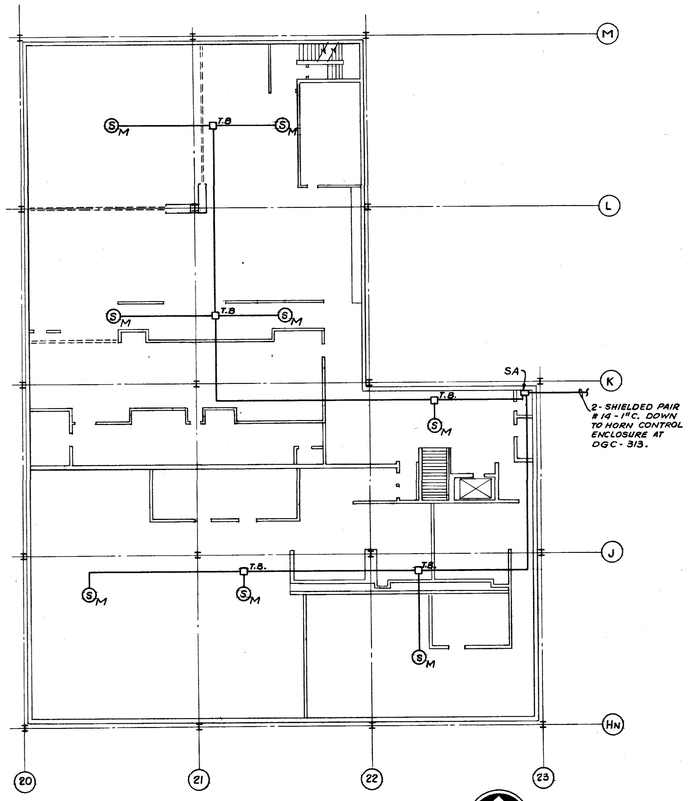
DATE 6-13-78

DRAWN BY R. W.

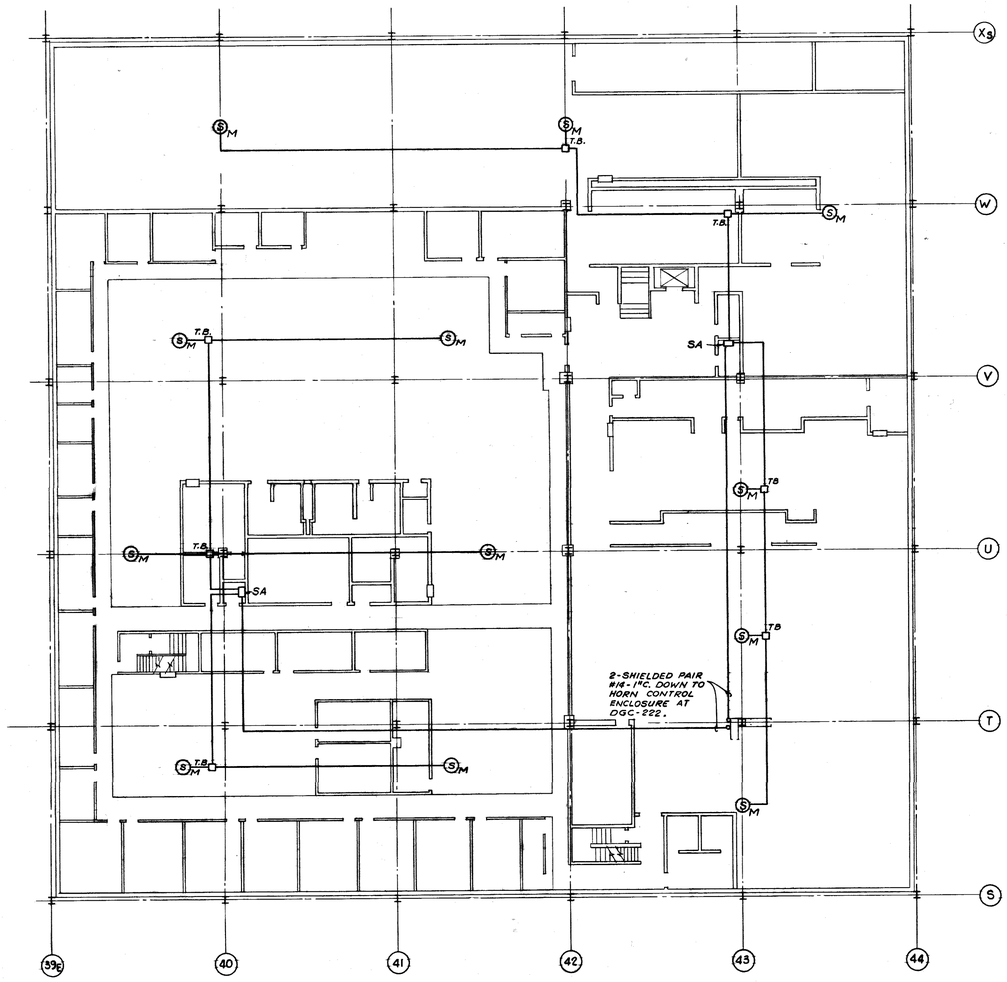
JOB CAPT. J. WALDROP J. KONKLE

E-132

SHEET NUMBER

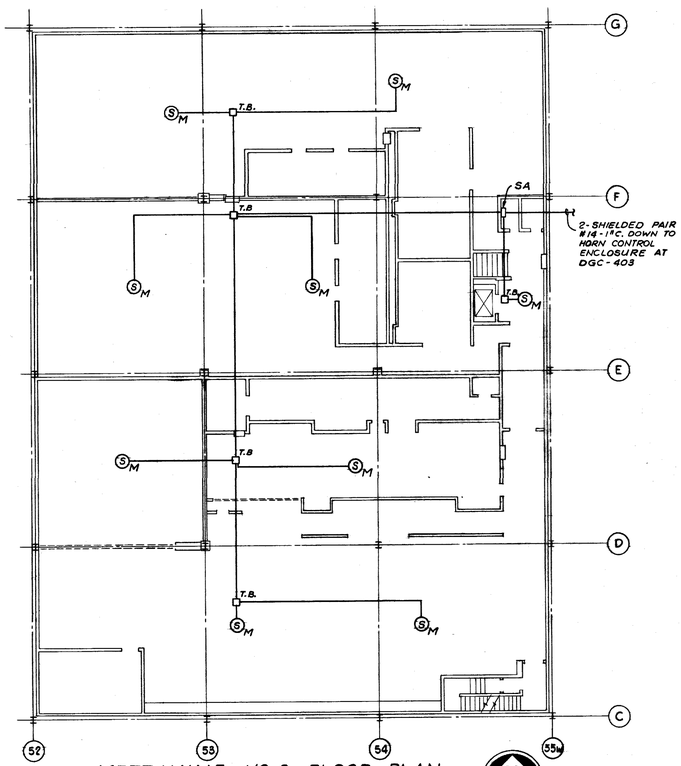



MEZZANINE NO. 1 FLOOR PLAN
SCALE: 1/16" = 1'-0"




MEZZANINE NO. 2 FLOOR PLAN
SCALE: 1/16" = 1'-0"

NOTES
1. SURFACE MOUNT SPEAKERS IN AREAS OF EXPOSED STRUCTURE.
2. FOR PLOT PLAN AND DRAWING INDEX SEE SHEET # E-1.
3. FOR SYMBOL LIST, LIGHTING AND RECEPTACLE PANEL SCHEDULES, SEE SHEETS # E-2 AND # E-3.
4. SPEAKERS SHALL BE FLUSH IN AREAS WITH DROP CEILINGS.




MEZZANINE NO. 3 FLOOR PLAN
SCALE: 1/16" = 1'-0"

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 8-15-78 | EFO 362 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

ARGONAUT
DIVISION OF GENERAL MOTORS

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION
485 WEST MILWAUKEE AVENUE • DETROIT, MICHIGAN
ARCHITECTURE & ENGINEERING • REAL ESTATE & CONSTRUCTION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

MEZZANINES 1, 2 & 3
PLANT WIDE
HORN SYSTEM

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 8-17-78

DRAWN BY L. BALLIETT

JOB CAPT. J. KONKLE

E-133
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-135

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-27BB | LIGHTS | B0106 | B0107 | 750 | 1 | | | ● | | | | | |
| LL-27-BB | OFF/ON | B0601 | B0602 | 751 | 1 | | | | | ● | | RE COL. 26BB | |
| ASH-77 | SUPPLY FAN START/STOP | B0603 | B0604 | 752 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0108 | B0109 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0111 | B0112 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0113 | B0114 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0211 | A0212 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0116 | B0117 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0213 | A0214 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0118 | B0119 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-78 | SUPPLY FAN START/STOP | B0606 | B0607 | 753 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0201 | B0202 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0203 | B0204 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0206 | B0207 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0208 | B0209 | | 6 | | | ● | | | | | |
| | WATER TEMP COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0211 | B0212 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| C1 | CLOCK CORRECTION | B0608 | B0609 | 754 | 1 | | | | | ● | | RE COL. 26CC | |
| BL-1-12 | LIGHTS | B0213 | B0214 | 755 | 1 | | | ● | | | | | |
| BL-1-13 | | B0216 | B0217 | 756 | 1 | | | ● | | | | | |
| BL-1-14 | | B0218 | B0219 | 757 | 1 | | | ● | | | | | |
| BL-1-15 | | B0801 | B0802 | 758 | 1 | | | ● | | | | | |
| BL-1-25 | | B0303 | B0304 | 759 | 1 | | | ● | | | | | |
| BL-1-26 | | B0306 | B0307 | 760 | 1 | | | ● | | | | | |
| BL-1-27 | | B0308 | B0309 | 761 | 1 | | | ● | | | | | |
| BL-1-28 | | B0311 | B0312 | 762 | 1 | | | ● | | | | | |
| LL-27CC | | B0313 | B0314 | 763 | 1 | | | ● | | | | | |
| LL-27EE | | B0316 | B0317 | 764 | 1 | | | ● | | | | | |
| BL-1-12 | OFF/ON | B0611 | B0612 | 765 | 1 | | | | | ● | | RE COL. 27CC | |
| BL-1-13 | | B0613 | B0614 | | 2 | | | | | ● | | | |
| BL-1-14 | | B0616 | B0617 | | 3 | | | | | ● | | | |
| BL-1-15 | | B0618 | B0619 | | 4 | | | | | ● | | | |
| BL-1-25 | | B0701 | B0702 | | 5 | | | | | ● | | | |
| BL-1-26 | | B0703 | B0704 | | 6 | | | | | ● | | | |
| BL-1-27 | | B0706 | B0707 | | 7 | | | | | ● | | | |
| BL-1-28 | | B0708 | B0709 | | 8 | | | | | ● | | | |
| LL-27CC | | B0711 | B0712 | | 9 | | | | | ● | | | |
| LL-27EE | | B0713 | B0714 | | 10 | | | | | ● | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| FS-68 | FLOW SWITCH | B0401 | B0402 | 766 | 1 | | | | ● | | | | |
| FS-69 | | B0403 | B0404 | 767 | 1 | | | | ● | | | | |
| FS-70 | | B0606 | B0607 | 768 | 1 | | | | ● | | | | |
| FS-71 | | B0408 | B0409 | 769 | 1 | | | | ● | | | | |
| FS-72 | | B0411 | B0412 | 770 | 1 | | | | ● | | | | |
| PIV-68 | VALVE CLOSED | B0413 | B0414 | 771 | 1 | | | | ● | | | | |
| PIV-69 | | B0416 | B0417 | | 2 | | | | ● | | | | |
| PIV-70 | | B0418 | B0419 | | 3 | | | | ● | | | | |
| PIV-71 | | B0501 | B0502 | | 4 | | | | ● | | | | |
| PIV-72 | | B0503 | B0504 | | 5 | | | | ● | | | | |
| SCV-22 | | B0506 | B0507 | | 6 | | | | ● | | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| F-28EE | FIRE | B0508 | B0509 | 772 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0511 | B0512 | | 3 | | | | ● | | | | |
| DS-35 | DOOR NO. 35 OPEN | B0513 | B0514 | 773 | 1 | | | | ● | | | | |
| | HORNS START/STOP | B1011 | B1012 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0518 | B0519 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

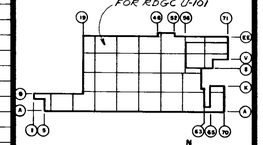
P.E. & C. 145 REV. 1-77 K&E 19 1155 3-77 3142H

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |

SEE SHEET E-112 FOR RDGC U-101



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 168 | 4-11-78 | T.J. | | |

REVISIONS

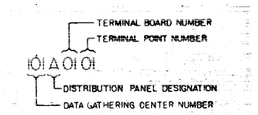
CONTRACT SIGNATURES

FOR THE OWNER

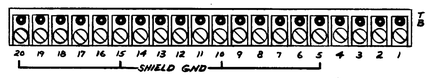
FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

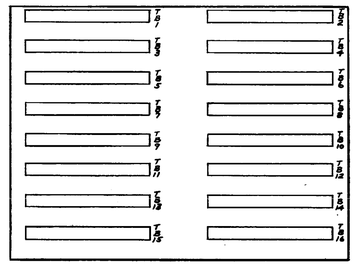



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

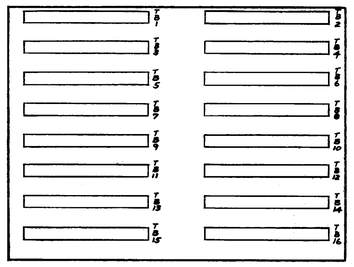
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U 101

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-135
SHEET NUMBER

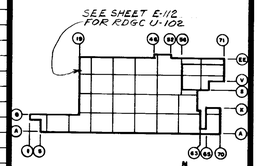
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R.B. CONT.PNL. | GATE #1 CLOSED & GATE #2 OPEN | A1401 | A1402 | 632 | 1 | | | ● | | | | | R.B. CONT. PNL. (RENTION BASIN CONTROL PANEL) |
| | GATE #2 CLOSED & GATE #1 OPEN | A1403 | A1404 | 633 | 1 | | | ● | | | | | |
| | GATE #3 CLOSED | A1406 | A1407 | 634 | 1 | | | ● | | | | | |
| | GATE #3 OPEN | A1408 | A1409 | 635 | 1 | | | ● | | | | | |
| | GATE #4 CLOSED | A1411 | A1412 | 636 | 1 | | | ● | | | | | |
| | GATE #4 OPEN | A1413 | A1414 | 637 | 1 | | | ● | | | | | |
| | SOUTH BASIN FULL | A1416 | A1417 | 638 | 1 | | | ● | | | | | |
| | NORTH BASIN FULL | A1418 | A1419 | 639 | 1 | | | ● | | | | | |
| | OIL TANK FULL | A1501 | A1502 | 640 | 1 | | | ● | | | | | |
| | SANITARY WATER MTR. | B0213 | B0214 | 641 | 1 | | | ● | | | | | |
| | LIGHTS | A0203 | A0204 | 642 | 1 | | | ● | | | | | |
| | LIGHTS | A0206 | A0207 | 643 | 1 | | | ● | | | | | |
| | SPARE | | | 644 | | | | | | | | | |
| | | | | 645 | | | | | | | | | |
| | | | | 646 | | | | | | | | | |
| | SPARE | | | 647 | 1 | | | | | | | | |
| | STORM WATER METER | A1608 | A1609 | 648 | 1 | | | ● | | | | | |
| | LIGHTS OFF/ON | B0501 | B0502 | 649 | 1 | | | | | ● | | RETENTION BASIN ELECT. BLDG. | |
| | LIGHTS OFF/ON | B0503 | B0504 | 650 | 1 | | | | | ● | | | |
| ASH-74 | SUPPLY FAN START/STOP | B0506 | B0507 | 651 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A1611 | A1612 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1613 | A1614 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1616 | A1617 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0606 | A0607 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1618 | A1619 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0608 | A0609 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1601 | A1602 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-19CC | FIRE | B0301 | B0302 | 652 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0303 | B0304 | | 3 | | | | ● | | | | |
| OL-4 | LIGHTS | A1603 | A1604 | 653 | 1 | | | ● | | | | | |
| OL-5 | | A1606 | A1607 | 654 | 1 | | | ● | | | | | |
| OL-4 | LIGHTS OFF/ON | B0508 | B0509 | 655 | 1 | | | | | ● | | RE COL. 20CC | |
| OL-5 | | B0511 | B0512 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-305 | SUPPLY FAN START/STOP | B0613 | B0614 | 656 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A1608 | A1609 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1611 | A1612 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1613 | A1614 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0611 | A0612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1616 | A1617 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB. | A1618 | A1619 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| LL-20Y | LIGHTS | B0101 | B0102 | 657 | 1 | | | ● | | | | | |
| LL-21-BB | | B0103 | B0104 | 658 | 1 | | | ● | | | | | |
| LL-21-CC | | B0106 | B0107 | 659 | 1 | | | ● | | | | | |
| LL-21-DD | | B0108 | B0109 | 660 | 1 | | | ● | | | | | |
| LL-20-Y | LIGHTS OFF/ON | B0516 | B0517 | 661 | 1 | | | | | ● | | RE COL. 21CC | |
| LL-21-BB | | B0518 | B0519 | | 2 | | | | | ● | | | |
| LL21-CC | | B0601 | B0602 | | 3 | | | | | ● | | | |
| LL21-DD | | B0603 | B0604 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| LL22EE | LIGHTS | B0111 | B0112 | 662 | 1 | | | ● | | | | | |
| | LIGHTS OFF/ON | B0606 | B0607 | 663 | 1 | | | | | ● | | RE COL. 22CC | |
| F-23CC | FIRE | B0306 | B0307 | 664 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0308 | B0309 | | 3 | | | | ● | | | | |
| BL-1-1 | LIGHTS | B0113 | B0114 | 665 | 1 | | | ● | | | | | |
| BL-1-2 | | B0116 | B0117 | 666 | 1 | | | ● | | | | | |
| BL-1-3 | | B0118 | B0119 | 667 | 1 | | | ● | | | | | |
| BL-1-4 | | B0201 | B0202 | 668 | 1 | | | ● | | | | | |
| BL-1-5 | | B0203 | B0204 | 669 | 1 | | | ● | | | | | |
| BL-1-6 | | B0206 | B0207 | 670 | 1 | | | ● | | | | | |
| BL-1-1 | LIGHTS OFF/ON | B0608 | B0609 | 671 | 1 | | | | | ● | | RE COL. 23WCC | |
| BL-1-2 | | B0611 | B0612 | | 2 | | | | | ● | | | |
| BL-1-3 | | B0613 | B0614 | | 3 | | | | | ● | | | |
| BL-1-4 | | B0616 | B0617 | | 4 | | | | | ● | | | |
| BL-1-5 | | B0618 | B0619 | | 5 | | | | | ● | | | |
| BL-1-6 | | B0701 | B0702 | | 6 | | | | | ● | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| F22EE | FIRE | B0311 | B0312 | 672 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0313 | B0314 | | 3 | | | | ● | | | | |
| FS-73 | FLOW SWITCH | B0316 | B0317 | 673 | 1 | | | | ● | | | | |
| FS-74 | | B0318 | B0319 | 674 | 1 | | | | ● | | | | |
| FS-75 | | B0401 | B0402 | 675 | 1 | | | | ● | | | | |
| FS-76 | | B0403 | B0404 | 676 | 1 | | | | ● | | | | |
| PIV-73 | VALVE CLOSED | B0406 | B0407 | 677 | 1 | | | | ● | | | | |
| PIV-74 | | B0408 | B0409 | | 2 | | | | ● | | | | |
| PIV-75 | | B0411 | B0412 | | 3 | | | | ● | | | | |
| PIV-76 | | B0413 | B0414 | | 4 | | | | ● | | | | |
| SCV-21 | | B0416 | B0417 | | 5 | | | | ● | | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| DS-36 | DOOR OPEN | B0618 | B0619 | 678 | 1 | | | | ● | | | | |
| GM-23EE | GENERAL WEST PLANT GAS METER | B0208 | B0209 | 679 | 1 | | ● | | | | | | |
| WM-23EE | GENERAL WEST PLANT WATER METER | B0211 | B0212 | 680 | 1 | | ● | | | | | | |
| | HORNS START/STOP | B0718 | B0719 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0801 | B0802 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| | RR SWING GATE OPEN/CLOSE | A1211 | A1212 | 1611 | 1 | | | | | ● | | RR SWING GATE CONTROL PANEL | |
| | OPEN | A0311 | A0312 | | 2 | | ● | | | | | | |
| | CLOSE | A0313 | A0314 | | 3 | | ● | | | | | | |
| | SPARE | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |

P.E.&C. 149 REV. 1-77 K&E 10 1138 3-77 3142A

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3 14 78 | BULL #155 | | |

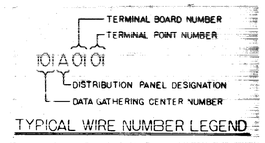



| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 347 | 9-18-78 | J.K. | | |
| BULL 164 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO #322 | 5-10-78 | TJ | | |
| BULL 156 | 4-11-78 | T.J. | | |

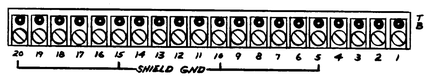
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

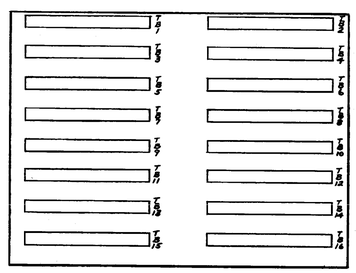



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

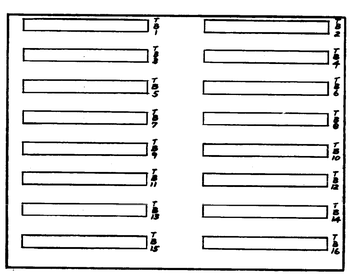
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# REMOTE DATA GATHERING CENTER SCHEDULE RDGC №U-102

SHEET TITLE

OWNER'S IDENTIFICATION

4500 — P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

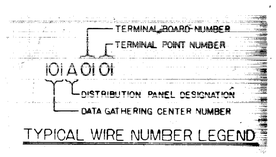
JOB CAPT. J. WALDROP J. KONKLE

E-136 — SHEET NUMBER

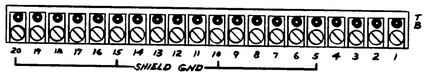
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-82 | SUPPLY FAN START/STOP | B0201 | B0201 | 860 | 1 | | | | | ● | | RSH CONTROL PANEL | |
| | SUPPLY FAN | A1501 | A1502 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1503 | A1504 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1506 | A1507 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0911 | A0912 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1508 | A1509 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0913 | A0914 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1511 | A1512 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-1-37 | LIGHTS | A1513 | A1514 | 861 | 1 | | | ● | | | | | |
| BL-1-38 | | A1516 | A1517 | 862 | 1 | | | ● | | | | | |
| BL-1-39 | | A1518 | A1519 | 863 | 1 | | | ● | | | | | |
| BL-1-40 | | A1601 | A1602 | 864 | 1 | | | ● | | | | | |
| BL-1-50 | | A1603 | A1604 | 865 | 1 | | | ● | | | | | |
| BL-1-51 | | A1606 | A1607 | 866 | 1 | | | ● | | | | | |
| BL-1-52 | | A1608 | A1609 | 867 | 1 | | | ● | | | | | |
| BL-1-53 | | A1611 | A1612 | 868 | 1 | | | ● | | | | | |
| BL-1-37 | LIGHTS OFF/ON | B0203 | B0204 | 869 | 1 | | | | | ● | | RE COL.35CC | |
| BL-1-38 | | B0205 | B0207 | | 2 | | | | | ● | | | |
| BL-1-39 | | B0208 | B0209 | | 3 | | | | | ● | | | |
| BL-1-40 | | B0211 | B0212 | | 4 | | | | | ● | | | |
| BL-1-50 | | B0213 | B0214 | | 5 | | | | | ● | | | |
| BL-1-51 | | B0216 | B0217 | | 6 | | | | | ● | | | |
| BL-1-52 | | B0218 | B0219 | | 7 | | | | | ● | | | |
| BL-1-53 | | B0220 | B0221 | | 8 | | | | | ● | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-37EE | LIGHTS | A1613 | A1614 | 870 | 1 | | | ● | | | | | |
| OL-3 | | A1616 | A1617 | 871 | 1 | | | ● | | | | | |
| LL-37EE | LIGHTS OFF/ON | B0203 | B0204 | 872 | 1 | | | | | ● | | RE COL.38CC | |
| OL-3 | | B0206 | B0207 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-37CC | FIRE | B0101 | B0102 | 873 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0103 | B0104 | | 3 | | | | ● | | | | |
| LL-39AA | LIGHTS | A1618 | A1619 | 1111 | 1 | | | ● | | | | | |
| | OFF/ON | B0208 | B0209 | 1112 | 1 | | | | | ● | | RE COL.38BB | |
| ITV-66 | INSPECTION TEST VALVE | B0313 | B0314 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | | | | 1113 | 1 | | | | | | | | |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B0318 | B0319 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0118 | B0119 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

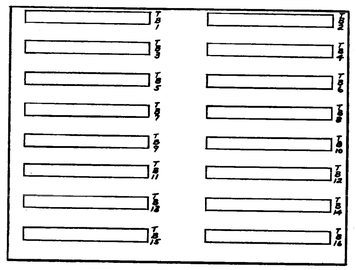



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

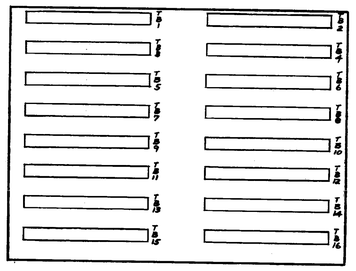
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

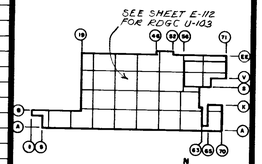



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 68 | 7-18-78 | TJ | | |
| BULL 64 | 6-13-78 | TJ | | |
| BULL 68 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-103

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

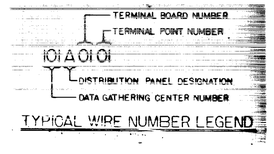
E-137
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-138

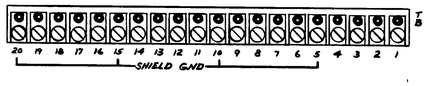
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B0906 | B0907 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1001 | B1002 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

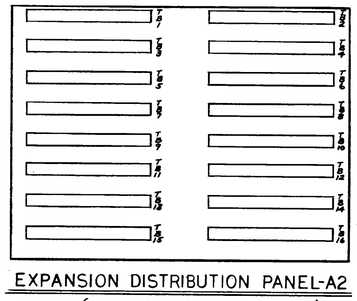



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

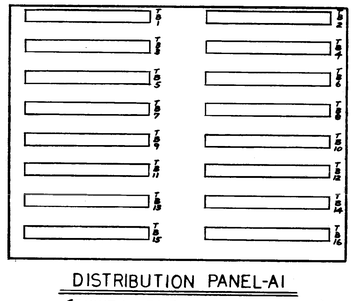
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

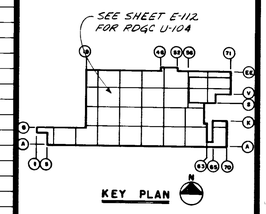



DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-104

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-138
SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 19 1139 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-139

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-28Y | FIRE | B1301 | B1302 | 727 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1303 | B1304 | | 3 | | | | ● | | | | |
| LL29AA | LIGHTS | B1001 | B1002 | 114 | 1 | | | ● | | | | | |
| | OFF/ON | B0611 | B0612 | 728 | 1 | | | | | ● | | RE COL. 29XN | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| BL-1-16 | LIGHTS | B1003 | B1004 | 729 | 1 | | | ● | | | | | |
| BL-1-17 | | B1006 | B1007 | 730 | 1 | | | ● | | | | | |
| BL-1-18 | | B1008 | B1009 | 731 | 1 | | | ● | | | | | |
| BL-1-19 | | B1011 | B1012 | 732 | 1 | | | ● | | | | | |
| BL-1-29 | | B1013 | B1014 | 733 | 1 | | | ● | | | | | |
| BL-1-30 | | B1016 | B1017 | 734 | 1 | | | ● | | | | | |
| BL-1-31 | | B1018 | B1019 | 735 | 1 | | | ● | | | | | |
| BL-1-32 | | B1101 | B1102 | 736 | 1 | | | ● | | | | | |
| BL-1-16 | LIGHTS OFF/ON | B0613 | B0614 | 737 | 1 | | | | | ● | | RE COL. 27XN | |
| BL-1-17 | | B0616 | B0617 | | 2 | | | | | ● | | | |
| BL-1-18 | | B0618 | B0619 | | 3 | | | | | ● | | | |
| BL-1-19 | | B0701 | B0702 | | 4 | | | | | ● | | | |
| BL-1-29 | | B0703 | B0704 | | 5 | | | | | ● | | | |
| BL-1-30 | | B0706 | B0707 | | 6 | | | | | ● | | | |
| BL-1-31 | | B0708 | B0709 | | 7 | | | | | ● | | | |
| BL-1-32 | | B0711 | B0712 | | 8 | | | | | ● | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-28S | FIRE | B1306 | B1307 | 738 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1308 | B1309 | | 3 | | | | ● | | | | |
| ASH-65 | SUPPLY FAN START/STOP | B0713 | B0714 | 739 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B1103 | B1104 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1106 | B1107 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1108 | B1109 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0901 | B0902 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1111 | B1112 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0903 | B0904 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1113 | B1114 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-64 | SUPPLY FAN START/STOP | B0716 | B0717 | 740 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B1116 | B1117 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1118 | B1119 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1201 | B1202 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0906 | B0907 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1203 | B1204 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0908 | B0909 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1206 | B1207 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-1-20 | LIGHTS | B1208 | B1209 | 741 | 1 | | | ● | | | | | |
| BL-1-21 | | B1211 | B1212 | 742 | 1 | | | ● | | | | | |
| BL-1-22 | | B1213 | B1214 | 743 | 1 | | | ● | | | | | |
| BL-1-33 | | B1216 | B1217 | 744 | 1 | | | ● | | | | | |
| BL-1-34 | | B1218 | B1219 | 745 | 1 | | | ● | | | | | |
| BL-1-35 | | B1501 | B1502 | 746 | 1 | | | ● | | | | | |
| BL-1-36 | | B1503 | B1504 | 747 | 1 | | | ● | | | | | |
| BL-1-20 | LIGHTS OFF/ON | B0718 | B0719 | 748 | 1 | | | | | ● | | RE COL. 27U | |
| BL-1-21 | | B0801 | B0802 | | 2 | | | | | ● | | | |
| BL-1-22 | | B0803 | B0804 | | 3 | | | | | ● | | | |
| BL-1-33 | | B0806 | B0807 | | 4 | | | | | ● | | | |
| BL-1-34 | | B0808 | B0809 | | 5 | | | | | ● | | | |
| BL-1-35 | | B0811 | B0812 | | 6 | | | | | ● | | | |
| BL-1-36 | | B0813 | B0814 | | 7 | | | | | ● | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| ITV-68 | INSPECTION TEST VALVE | B0816 | B0817 | 749 | 1 | | | | | ● | | RE COL. 28U | |
| ITV-70 | | B0819 | B0819 | | 2 | | | | | ● | | | |
| ITV-69 | | B1401 | B1402 | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | HORNS START/STOP | B0608 | B0609 | W/ | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1316 | B1317 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

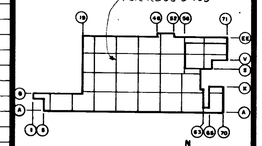
P.E. & C. 149 REV. 1-77 K&E 19 1198 3-77 3142a

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL # 155 | | |

SEE SHEET E-112 FOR RDGC U-105




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-13-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| BULL 156 | 4-11-78 | T.J. | | |

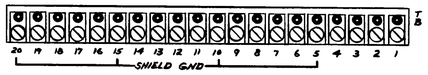
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

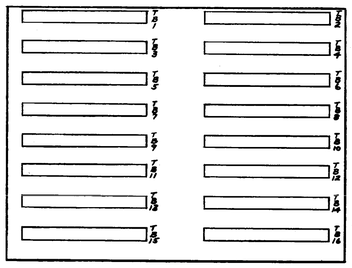
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101A01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

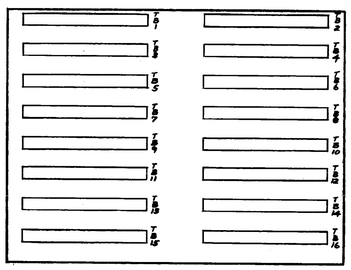
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**GM ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-105

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

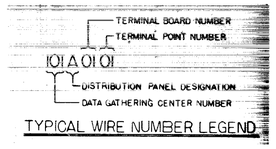
E-139
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-140

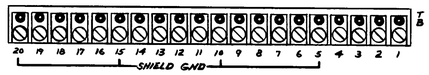
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EMERG. GEN. No. 2 | LOW FUEL LEVEL | B0801 | B0802 | 774 | 1 | | | ● | | | | | |
| | EMERG. BUS VOLTAGE | B0803 | B0804 | 775 | 1 | | | ● | | | | | |
| | EMERG. GEN. RUNNING | B0806 | B0807 | | 2 | | | ● | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | LOW BATTERY VOLTAGE | B0808 | B0809 | 776 | 1 | | | ● | | | | | |
| | BATT. CHARGER A.C. PWR | B0811 | B0812 | | 2 | | | ● | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-34EE | FIRE | B1101 | B1102 | 777 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1103 | B1104 | | 3 | | | | ● | | | | |
| FS-63 | FLOW SWITCH | B1106 | B1107 | 778 | 1 | | | | ● | | | | |
| FS-64 | | B1108 | B1109 | 779 | 1 | | | | ● | | | | |
| FS-65 | | B1111 | B1112 | 780 | 1 | | | | ● | | | | |
| FS-66 | | B1113 | B1114 | 781 | 1 | | | | ● | | | | |
| FS-67 | | B1116 | B1117 | 782 | 1 | | | | ● | | | | |
| PIV-63 | VALVE CLOSED | B1118 | B1119 | 783 | 1 | | | | ● | | | | |
| PIV-64 | | B1201 | B1202 | | 2 | | | | ● | | | | |
| PIV-65 | | B1203 | B1204 | | 3 | | | | ● | | | | |
| PIV-66 | | B1206 | B1207 | | 4 | | | | ● | | | | |
| PIV-67 | | B1208 | B1209 | | 5 | | | | ● | | | | |
| SCV-23 | | B1211 | B1212 | | 6 | | | | ● | | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| DS-34 | DOOR OPEN | B1213 | B1214 | 784 | 1 | | | | ● | | | | |
| F-316CC | FIRE | B1216 | B1217 | 785 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1218 | B1219 | | 3 | | | | ● | | | | |
| LL-31BB | LIGHTS | B0813 | B0814 | 786 | 1 | | | ● | | | | | |
| | OFF/ON | B0601 | B0602 | 787 | 1 | | | | | ● | | RE COL. 316 CC | |
| LL-33EE | LIGHTS | B0816 | B0817 | 788 | 1 | | | ● | | | | | |
| | OFF/ON | B0603 | B0604 | 789 | 1 | | | | | ● | | RE COL. 33 CC | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ASH-79 | SUPPLY FAN START/STOP | B0606 | B0607 | 790 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0818 | B0819 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0901 | B0902 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0903 | B0904 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0701 | B0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0906 | B0907 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0703 | B0704 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0908 | B0909 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-80 | SUPPLY FAN START/STOP | B0608 | B0609 | 791 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0911 | B0912 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0913 | B0914 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0916 | B0917 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0706 | B0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0918 | B0919 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0708 | B0709 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1001 | B1002 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ITV-67 | INSPECTION TEST VALVE | B0511 | B0612 | 792 | 1 | | | | | ● | | RE COL. 32BB | |
| ITV-71 | | B0513 | B0514 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B0516 | B0517 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0601 | B0602 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

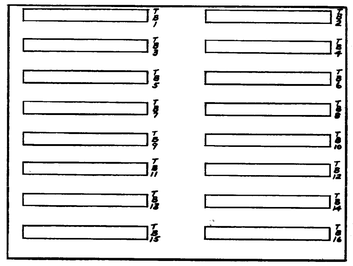



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

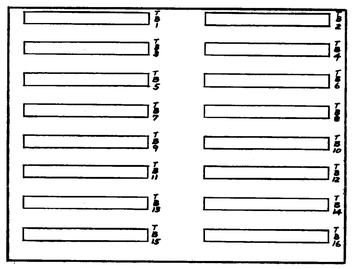
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

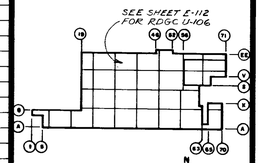


DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-106

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-140
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-141

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITV-76 | INSPECTION TEST VALVE | B1001 | B1002 | 681 | 1 | | | | | ● | | RE COL. 20BB | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ASH-75 | SUPPLY FAN START/STOP | B1006 | B1007 | 682 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0101 | B0102 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0103 | B0104 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0106 | B0107 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1411 | A1612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0108 | B0109 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1413 | A1614 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0111 | B0112 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-76 | SUPPLY FAN START/STOP | B1008 | B1009 | 683 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0113 | B0114 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0116 | B0117 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0118 | B0119 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1416 | A1617 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0201 | B0202 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1418 | A1619 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0203 | B0204 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| HS-514 | HATCH NO. 514 OPEN | B1201 | B1202 | 684 | 1 | | | | ● | | | | |
| HS-513 | HATCH NO. 513 OPEN | B1203 | B1204 | 685 | 1 | | | | ● | | | | |
| HS-515 | HATCH NO. 515 OPEN | B1206 | B1207 | 686 | 1 | | | | ● | | | | |
| ASH-308 | SUPPLY FAN START/STOP | B1011 | B1012 | 687 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0206 | B0207 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0208 | B0209 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0211 | B0212 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1601 | A1602 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0213 | B0214 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | B0216 | B0217 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| LL-23AA | LIGHTS | B0218 | B0219 | 688 | 1 | | | ● | | | | | |
| | ON/OFF | B1013 | B1014 | 689 | 1 | | | | | ● | | RE COL. 25AA | |
| ITV-72 | INSPECTION TEST VALVE | B1003 | B1004 | | 2 | | | | | ● | | | |
| ITV-73 | " " " | B1118 | B1119 | | 3 | | | | | ● | | | |
| ASH-306 | SUPPLY FAN START/STOP | B1016 | B1017 | 690 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0301 | B0302 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0303 | B0304 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0306 | B0307 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1606 | A1607 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0308 | B0309 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | B0311 | B0312 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| F-22Y | FIRE | B1208 | B1209 | 691 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1211 | B1212 | | 3 | | | | ● | | | | |
| ASH-307 | SUPPLY FAN START/STOP | B1018 | B1019 | 692 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0312 | B0314 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0316 | B0317 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0318 | B0319 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1611 | A1612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0401 | B0402 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB. | B0403 | B0404 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| SUB-5B | TRANSFORMER TEMP. | B0406 | B0407 | 693 | 1 | | | ● | | | | | |
| | TRANSFORMER PRES. | B0408 | B0409 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0411 | B0412 | | 3 | | | ● | | | | | |
| | KWHR METER | B0413 | B0414 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0416 | B0417 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0418 | B0419 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0501 | B0502 | | 7 | | | ● | | | | | |
| | FEEDER BRKR 5-B1 | B0503 | B0504 | | 8 | | | ● | | | | | |
| | 5-B2 | B0506 | B0507 | | 9 | | | ● | | | | | |
| | 5-B3 | B0508 | B0509 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-5C | TRANSFORMER TEMP | B0511 | B0512 | 694 | 1 | | | ● | | | | | |
| | TRANSFORMER PRES. | B0513 | B0514 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0516 | B0517 | | 3 | | | ● | | | | | |
| | KWHR METER | B0518 | B0519 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0601 | B0602 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0603 | B0604 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0606 | B0607 | | 7 | | | ● | | | | | |
| | FEEDER BRKR 5-C1 | B0608 | B0609 | | 8 | | | ● | | | | | |
| | 5-C2 | B0611 | B0612 | | 9 | | | ● | | | | | |
| | 5-C3 | B0613 | B0614 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-5D | TRANSFORMER TEMP | B0616 | B0617 | 695 | 1 | | | ● | | | | | |
| | TRANSFORMER PRES. | B0618 | B0619 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0701 | B0702 | | 3 | | | ● | | | | | |
| | KWHR METER | B0703 | B0704 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0706 | B0707 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0708 | B0709 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0711 | B0712 | | 7 | | | ● | | | | | |
| | FEEDER BRKR. 5-D1 | B0713 | B0714 | | 8 | | | ● | | | | | SPARE BRKR |
| | 5-D2 | B0716 | B0717 | | 9 | | | ● | | | | | BUS OUT 5-D2 |
| | 5-D3 | B0903 | B0904 | | 10 | | | ● | | | | | 5-D3 |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-5A | TRANSFORMER TEMP | B0718 | B0719 | 696 | 1 | | | ● | | | | | |
| | TRANSFORMER PRES. | B0801 | B0802 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0803 | B0804 | | 3 | | | ● | | | | | |
| | KWHR METER | B0806 | B0807 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0808 | B0809 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0811 | B0812 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0813 | B0814 | | 7 | | | ● | | | | | |
| | FEEDER BRKR 5-A1 | B0816 | B0817 | | 8 | | | ● | | | | | |
| | 5-A2 | B0818 | B0819 | | 9 | | | ● | | | | | |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| C1 | CLOCK CORRECTION | B1101 | B1102 | 697 | 1 | | | | | ● | | RE COL. 25AA | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |

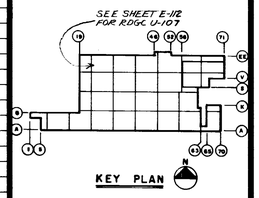
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-27Y | LIGHTS | B0901 | B0902 | 698 | 1 | | | ● | | | | | |
| | ON/OFF | B1108 | B1104 | 699 | 1 | | | | | ● | | RE COL. 26Y | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | HORN CONTROL ENCLOSURE |
| | HORNS STOP/START | B1116 | B1117 | HC | 1 | | | | | ● | | | |
| | HORNS ON/OFF | B1216 | B1217 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

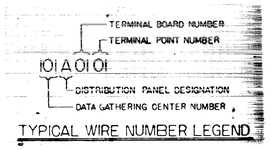
| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |
| BULL 168 | 7-18-78 | TJ | |
| BULL 164 | 5-13-78 | TJ | |
| EFO 324 | 5-24-78 | TJ | |
| BULL 158 | 4-11-78 | T.J. | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

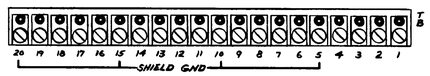
REVISIONS




KEY PLAN

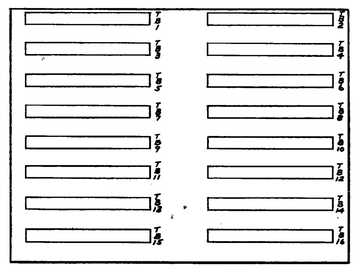



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

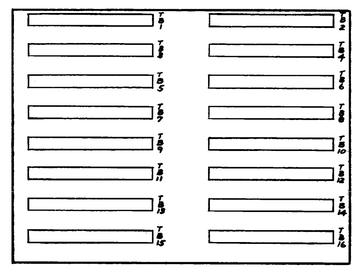
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-107

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONALE

E-141
SHEET NUMBER

P.E.&C. 148 REV. 1-77 KAE 19 1199 3-77 3142n

PROJECT NO. 4500 SHEET NO. E-142

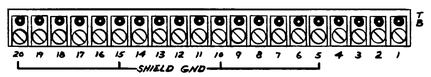
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-81 | SUPPLY FAN START/STOP | B0501 | B0502 | 793 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B020 | B0202 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0203 | B0204 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0206 | B0207 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0401 | B0402 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0208 | B0209 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0403 | B0404 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0211 | B0212 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-34Y | FIRE | B0701 | B0702 | 794 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0703 | B0704 | | 3 | | | | ● | | | | |
| LL-32Y | LIGHTS | B0213 | B0214 | 795 | 1 | | | ● | | | | | |
| | OFF/ON | B0505 | B0506 | 796 | 1 | | | | | ● | | RE COL. 32XH | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| BL-1-54 | LIGHTS | B0216 | B0217 | 797 | 1 | | | ● | | | | | |
| BL-1-55 | | B0218 | B0219 | 798 | 1 | | | ● | | | | | |
| BL-1-56 | | B0301 | B0302 | 799 | 1 | | | ● | | | | | |
| BL-1-57 | | B0303 | B0304 | 800 | 1 | | | ● | | | | | |
| LL-35AA | | B0306 | B0307 | 801 | 1 | | | ● | | | | | |
| BL-1-54 | OFF/ON | B0506 | B0507 | 802 | 1 | | | | | ● | | RE COL. 35XH | |
| BL-1-55 | | B0508 | B0509 | | 2 | | | | | ● | | | |
| BL-1-56 | | B05 | B05 2 | | 3 | | | | | ● | | | |
| BL-1-57 | | B0513 | B0514 | | 4 | | | | | ● | | | |
| LL-35AA | | B0516 | B0517 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| BL-1-41 | LIGHTS | B0308 | B0309 | 803 | 1 | | | ● | | | | | |
| BL-1-42 | | B03 | B0312 | 804 | 1 | | | ● | | | | | |
| BL-1-43 | | B0313 | B0314 | 805 | 1 | | | ● | | | | | |
| BL-1-44 | | B0316 | B0317 | 806 | 1 | | | ● | | | | | |
| BL-1-41 | OFF/ON | B0518 | B0519 | 807 | 1 | | | | | ● | | RE COL. 34XH | |
| BL-1-42 | | B0601 | B0602 | | 2 | | | | | ● | | | |
| BL-1-43 | | B0603 | B0604 | | 3 | | | | | ● | | | |
| BL-1-44 | | B0606 | B0607 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| | HORNS START/STOP | B0616 | B0617 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0716 | B0717 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

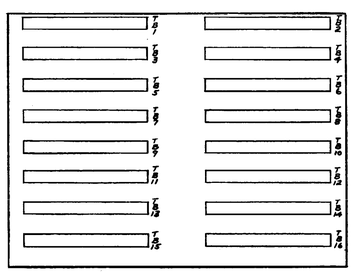
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

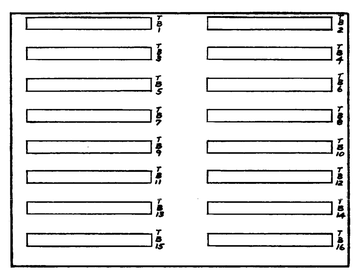
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |

SEE SHEET E-112 FOR RDGC U-108

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES: FOR THE OWNER / FOR THE CONTRACTOR

DRAWING CERTIFIED BY / DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-108

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-142
SHEET NUMBER

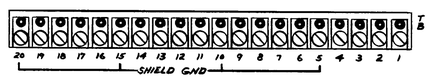
P.E.&C. 148 REV. 1-77 K&E 19 1193 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-143

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C1 | CLOCK CORRECTION | B0801 | B0802 | 700 | 1 | | | | | ● | | RE COL. 23W | |
| F-25V | FIRE | B1001 | B1002 | 701 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1003 | B1004 | | 3 | | | | ● | | | | |
| ASH-63 | SUPPLY FAN START/STOP | B0803 | B0804 | 702 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B110 | B102 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1103 | B1104 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1106 | B1107 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1108 | B1109 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1111 | B1112 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-1-7 | LIGHTS | B1113 | B1114 | 703 | 1 | | | ● | | | | | |
| BL-1-8 | | B1116 | B1117 | 704 | 1 | | | ● | | | | | |
| BL-1-9 | | B1118 | B1119 | 705 | 1 | | | ● | | | | | |
| BL-1-10 | | B1201 | B1202 | 706 | 1 | | | ● | | | | | |
| BL-1-11 | | B1203 | B1204 | 707 | 1 | | | ● | | | | | |
| BL-1-23 | | B1206 | B1207 | 708 | 1 | | | ● | | | | | |
| BL-1-7 | OFF/ON | B0806 | B0807 | 709 | 1 | | | | | ● | | RE COL. 23W U | |
| BL-1-8 | | B0808 | B0809 | | 2 | | | | | ● | | | |
| BL-1-9 | | B0811 | B0812 | | 3 | | | | | ● | | | |
| BL-1-10 | | B0813 | B0814 | | 4 | | | | | ● | | | |
| BL-1-11 | | B0816 | B0817 | | 5 | | | | | ● | | | |
| BL-1-23 | | B0818 | B0819 | | 6 | | | | | ● | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| ITV-75 | INSPECTION TEST VALVE | B0901 | B0902 | 710 | 1 | | | | | ● | | RE COL. 22U | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| DS-R32 | DOOR NO R-32 OPEN | B1006 | B1007 | 711 | 1 | | | | ● | | | | |
| HS-529 | HATCH NO. 529 OPEN | B1008 | B1009 | 712 | 1 | | | | ● | | | | |
| HS-519 | HATCH NO. 519 OPEN | B1011 | B1012 | 713 | 1 | | | | ● | | | | |
| HS-520 | HATCH NO. 520 OPEN | B1013 | B1014 | 714 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A1516 | A1517 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1016 | B1017 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

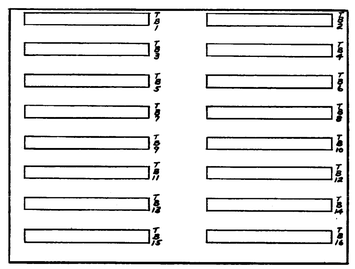
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

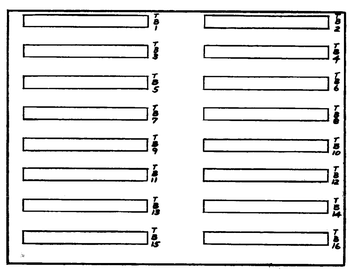
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |

SEE SHEET E-112 FOR RDGC U-109

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-15-78 | TJ | | |
| EFO 326 | 5-26-78 | TJ | | |
| BULL-158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-109

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E.&C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-143
SHEET NUMBER

P.E.&C. 148 REV. 1-77 K&E 10 1199 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-144

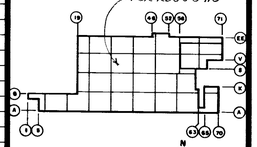
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-316V | FIRE | B0901 | B0902 | B08 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0903 | B0904 | | 3 | | | | ● | | | | |
| ASH-67 | SUPPLY FAN START/STOP | B0801 | B0802 | B09 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0609 | B0607 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0608 | B0609 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0611 | B0612 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0211 | A0212 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0613 | B0614 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0213 | A0214 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0616 | B0617 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-66 | SUPPLY FAN START/STOP | B0803 | B0804 | B10 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0618 | B0619 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0701 | B0702 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0703 | B0704 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0706 | B0707 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0708 | B0709 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B0806 | B0807 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0906 | B0907 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |

SEE SHEET E-112 FOR RDGC U-110




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 156 | 4-11-78 | T.J. | | |

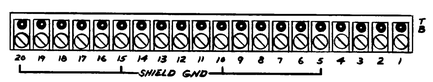
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

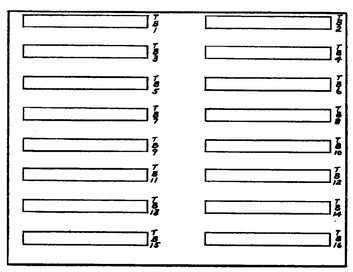
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

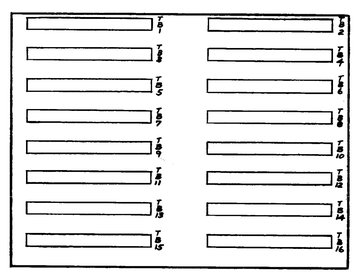
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-110

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-144
SHEET NUMBER

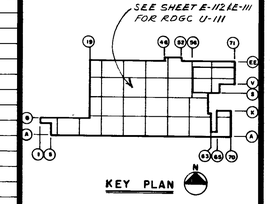
P.E.&C. 145 REV. 1-77 K&E 19 1158 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-145

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1 | CLOCK CORRECTION | B0701 | B0702 | B14 | 1 | | | | | ● | | RE COL. 33S | |
| F-34S | FIRE | B0601 | B0602 | B15 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0603 | B0604 | | 3 | | | | ● | | | | |
| ASH-68 | SUPPLY FAN START/STOP | B0702 | B0704 | B16 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0102 | B0104 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0106 | B0107 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0108 | B0109 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0601 | B0602 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0111 | B0112 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0603 | B0604 | | 7 | | ● | | | | | | |
| | FAN SHAFT V.B. | B0113 | B0114 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ITV-63 | INSPECTION TEST VALVE | B0706 | B0707 | B17 | 1 | | | | | ● | | RE COL. 34U | |
| ITV-65 | | B0708 | B0709 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-39wS | FIRE | B0506 | B0507 | B18 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0508 | B0509 | | 3 | | | | ● | | | | |
| CAM | BODY SHOP COMPRESSED AIR METER | B0116 | B0117 | B19 | 1 | | | ● | | | | | |
| BL-2-9 | LIGHTS | B0118 | B0119 | B20 | 1 | | | ● | | | | | |
| BL-2-10 | | B0201 | B0202 | B21 | 1 | | | ● | | | | | |
| BL-2-11 | | B0203 | B0204 | B22 | 1 | | | ● | | | | | |
| BL-2-9 | OFF/ON | B0711 | B0712 | B23 | 1 | | | | | ● | | RE COL. 39wU | |
| BL-2-10 | | B0713 | B0714 | | 2 | | | | | ● | | | |
| BL-2-11 | | B0715 | B0717 | | 3 | | | | | ● | | | |
| ITV-61 | INSPECTION TEST VALVE | A1618 | A1619 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-71 | SUPPLY FAN START/STOP | B0718 | B0719 | B24 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0206 | B0207 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0208 | B0209 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0211 | B0212 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0606 | B0607 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0213 | B0214 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0608 | B0609 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0216 | B0217 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-70 | SUPPLY FAN START/STOP | B0301 | B0302 | B25 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0216 | B0217 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0301 | B0302 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0303 | B0304 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0611 | B0612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0306 | B0307 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0613 | B0614 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0308 | B0309 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-69 | SUPPLY FAN START/STOP | B0803 | B0804 | B26 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0211 | B0212 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0213 | B0214 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0216 | B0217 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0616 | B0617 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0218 | B0219 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0618 | B0619 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0401 | B0402 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-1-45 | LIGHTS | B0403 | B0404 | B27 | 1 | | | ● | | | | | |
| BL-1-46 | | B0406 | B0407 | B28 | 1 | | | ● | | | | | |
| BL-1-47 | | B0408 | B0409 | B29 | 1 | | | ● | | | | | |
| BL-1-48 | | B0411 | B0412 | B30 | 1 | | | ● | | | | | |
| BL-1-58 | | B0413 | B0416 | B31 | 1 | | | ● | | | | | |
| BL-1-59 | | B0416 | B0417 | B32 | 1 | | | ● | | | | | |
| BL-1-60 | | B0418 | B0419 | B33 | 1 | | | ● | | | | | |
| BL-1-45 | OFF/ON | B0804 | B0807 | B34 | 1 | | | | | ● | | RE COL. 35U | |
| BL-1-46 | | B0803 | B0801 | | 2 | | | | | ● | | | |
| BL-1-47 | | B0811 | B0812 | | 3 | | | | | ● | | | |
| BL-1-48 | | B0813 | B0814 | | 4 | | | | | ● | | | |
| BL-1-58 | | B0816 | B0817 | | 5 | | | | | ● | | | |
| BL-1-59 | | B0818 | B0819 | | 6 | | | | | ● | | | |
| BL-1-60 | | B0901 | B0902 | | 7 | | | | | ● | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| G1 | CLOCK CORRECTION | B0903 | B0904 | B35 | 1 | | | | | ● | | RE COL. 35W | |
| | HORNS START/STOP | A1616 | A1617 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0511 | B0512 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

P.E.&C. 145 REV. 1-77 K&E 19 1139 3-77 3142x

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL #168 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-111

SHEET TITLE

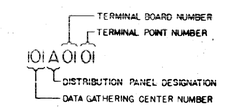
OWNER'S IDENTIFICATION — 4500 P. E. & C. PROJECT NUMBER

DATE 4-11-78

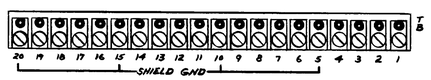
DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KONKLE

E-145 SHEET NUMBER

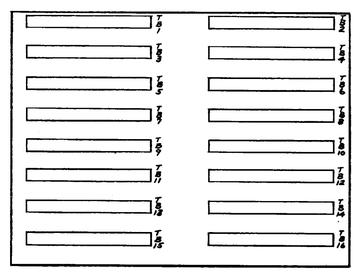



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

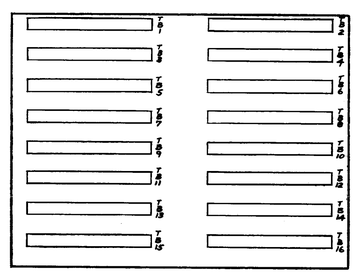
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS-44 | DOOR SWITCH | B1401 | B1402 | 715 | 1 | | | | ● | | | | |
| F-19V | FIRE | B1403 | B1404 | 716 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1406 | B1407 | | 3 | | | | ● | | | | |
| ASH-309 | SUPPLY FAN START/STOP | B0601 | B0602 | 717 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B1001 | B1002 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1003 | B1004 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1006 | B1007 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0701 | B0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1008 | B1009 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | B1011 | B1012 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| ASH-62 | SUPPLY FAN START/STOP | B0603 | B0604 | 718 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B1013 | B1014 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1015 | B1017 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1018 | B1019 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0706 | B0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1101 | B1102 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0708 | B0709 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1103 | B1104 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-61 | SUPPLY FAN START/STOP | B0605 | B0607 | 719 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B1106 | B1107 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1108 | B1109 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1111 | B1112 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0711 | B0712 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1113 | B1114 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0713 | B0714 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1116 | B1117 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| C1 | CLOCK CORRECTION | B0608 | B0609 | 720 | 1 | | | | | ● | | RE COL. 245 | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| F-22S | FIRE | B1408 | B1409 | 721 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1411 | B1412 | | 3 | | | | ● | | | | |
| ASH-310 | SUPPLY FAN START/STOP | B0611 | B0612 | 722 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B1118 | B1119 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1201 | B1202 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1203 | B1204 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0716 | B0717 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1206 | B1207 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | B1208 | B1209 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| PIV- | VALVE CLOSED | B1413 | B1414 | 723 | 1 | | | | ● | | | | |
| SCV-20 | | B1416 | B1417 | | 2 | | | | ● | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| T.F.P.H. L.L. PNL. | TANK FARM TANK #1-LEVEL | B0801 | B0802 | 724 | 1 | | ● | | | | | | T.F.P.H. (TANK FARM PUMP HOUSE) L.L. PNL. (LIQUID LEVEL PANEL) |
| | #2 | B0803 | B0804 | | 2 | | ● | | | | | | |
| | #3 | B0806 | B0807 | | 3 | | ● | | | | | | |
| | #4 | B0808 | B0809 | | 4 | | ● | | | | | | |
| | #5 | B0811 | B0812 | | 5 | | ● | | | | | | |
| | #6 | B0813 | B0814 | | 6 | | ● | | | | | | |
| | #7 | B0816 | B0817 | | 7 | | ● | | | | | | |
| | #8 | B0818 | B0819 | | 8 | | ● | | | | | | |
| | #9 | B0901 | B0902 | | 9 | | ● | | | | | | |
| | #10 | B0903 | B0904 | | 10 | | ● | | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| T.F.P.H. M.C.C. | TANK FARM TRANS. PUMP 1 & 1A | B1211 | B1212 | 725 | 1 | | | ● | | | | | T.F.P.H. (TANK FARM PUMP HOUSE - MOTOR CONT. CTR) |
| | 2 & 2A | B1213 | B1214 | | 2 | | | ● | | | | | |
| | 3 & 3A | B1215 | B1217 | | 3 | | | ● | | | | | |
| | 4 & 4A | B1216 | B1217 | | 4 | | | ● | | | | | |
| | 5 & 5A | B1201 | B1202 | | 5 | | | ● | | | | | |
| | 6 & 6A | B1203 | B1204 | | 6 | | | ● | | | | | |
| | 7 & 7A | B1206 | B1207 | | 7 | | | ● | | | | | |
| | TANK #9-LOW TEMP | B1208 | B1209 | | 8 | | | ● | | | | | |
| | TANK #10-LOW TEMP | B1211 | B1212 | | 9 | | | ● | | | | | |
| | TANK FARM TRANS PUMP # 1 | B0613 | B0614 | | 10 | | | | | ● | | REMOTE ENCLOSURE ADJACENT TO MCC | |
| | 1A | B0616 | B0617 | | 11 | | | | | ● | | | |
| | 2 | B0618 | B0619 | | 12 | | | | | ● | | | |
| | 2A | B1501 | B1502 | 726 | 1 | | | | | ● | | | |
| | 3 | B1503 | B1504 | | 2 | | | | | ● | | | |
| | 3A | B1506 | B1507 | | 3 | | | | | ● | | | |
| | 4 | B1508 | B1509 | | 4 | | | | | ● | | | |
| | 4A | B1511 | B1512 | | 5 | | | | | ● | | | |
| | 5 | B1513 | B1514 | | 6 | | | | | ● | | | |
| | 5A | B1516 | B1517 | | 7 | | | | | ● | | | |
| | 6 | B1518 | B1519 | | 8 | | | | | ● | | | |
| | 6A | B1601 | B1602 | | 9 | | | | | ● | | | |
| | 7 | B1603 | B1604 | | 10 | | | | | ● | | | |
| | 7A | B1606 | B1607 | | 11 | | | | | ● | | | |
| | SPARE | | | | 12 | | | | | | | | |
| | SKIM OIL TANK HIGH LEVEL | B1313 | B1314 | IG09 | 1 | | ● | | | | | | TANK FARM MONITORING TERMINAL BOX |
| | HEAT TRACE ALARM PANEL LOW LEVEL | B1316 | B1317 | | 2 | | ● | | | | | | |
| FS-TF | FLOW SWITCH | B1418 | B1419 | | 3 | | | ● | | | | | |
| | SPARE | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | HORNS START/STOP | B0416 | B0417 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0501 | B0502 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| F-TF | FIRE | B0503 | B0504 | IG43 | 1 | | | ● | | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0506 | B0507 | | 3 | | | ● | | | | | |

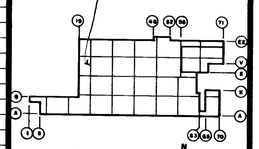
P.E.&C. 145 REV. 1-77 K&E 15 1155 3-77 3142x

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 168 | | |

SEE SHEET E-112 FOR RDGC U-112



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| BULL.#168 | 7-18-78 | T.J. | | |
| BULL.164 | 6-13-78 | T.J. | | |
| EFO 324 | 5-26-78 | T.J. | | |
| EFO #322 | 5-10-78 | T.J. | | |
| EFO 298 | 4-13-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

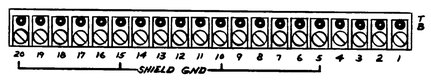
FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

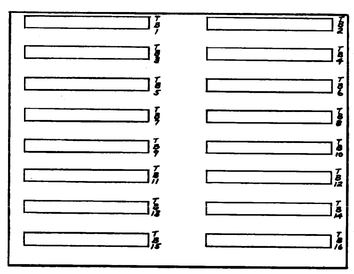
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

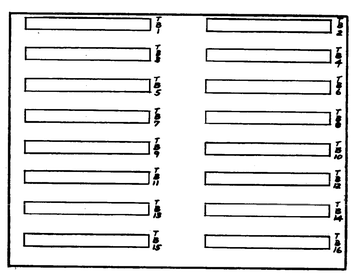
N.T.S.



EXPANSION DISTRIBUTION PANEL- B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL- A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-112

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

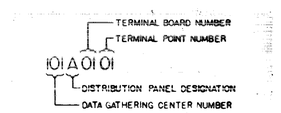
E-146
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-147

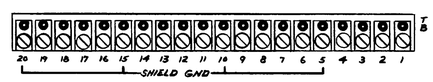
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F39wEE | FIRE | A0201 | A0202 | 921 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0203 | A0204 | | 3 | | | | ● | | | | |
| C2 | CLOCK CORRECTION | A0701 | A0702 | 922 | 1 | | | | | ● | | RE COL. 39wEE | |
| FS-60 | FLOW SWITCH | A0206 | A0207 | 923 | 1 | | | | ● | | | | |
| FS-61 | | A0208 | A0209 | 924 | 1 | | | | ● | | | | |
| FS-62 | | A0211 | A0212 | 925 | 1 | | | | ● | | | | |
| SCV-24 | VALVE CLOSED | A0213 | A0214 | 926 | 1 | | | | ● | | | | |
| SCV-25 | | A0216 | A0217 | | 2 | | | | ● | | | | |
| SCV-26 | | A0218 | A0219 | | 3 | | | | ● | | | | |
| SCV-27 | | A0301 | A0302 | | 4 | | | | ● | | | | |
| PIV-60 | | A0303 | A0304 | | 5 | | | | ● | | | | |
| PIV-61 | | A0306 | A0307 | | 6 | | | | ● | | | | |
| PIV-62 | | A0308 | A0309 | | 7 | | | | ● | | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| SCV-28 | VALVE CLOSED | A0311 | A0312 | 927 | 1 | | | | ● | | | | |
| PIV-54 | | A0313 | A0314 | | 2 | | | | ● | | | | |
| PIV-55 | | A0316 | A0317 | | 3 | | | | ● | | | | |
| PIV-56 | | A0318 | A0319 | | 4 | | | | ● | | | | |
| PIV-57 | | A0401 | A0402 | | 5 | | | | ● | | | | |
| PIV-58 | | A0403 | A0404 | | 6 | | | | ● | | | | |
| PIV-59 | | A0406 | A0407 | | 7 | | | | ● | | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| FS-58 | FLOW SWITCH | A0408 | A0409 | 928 | 1 | | | | ● | | | | |
| FS-59 | | A0411 | A0412 | 929 | 1 | | | | ● | | | | |
| F-41CC | FIRE | A0413 | A0414 | 930 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0416 | A0417 | | 3 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | A0703 | A0704 | 931 | 1 | | | | | ● | | RE COL. 41CC | |
| BL2-13 | LIGHTS | A0106 | A0107 | 932 | 1 | | | ● | | | | | |
| BL2-14 | | A0108 | A0109 | 933 | 1 | | | ● | | | | | |
| BL2-13 | OFF/ON | A0706 | A0707 | 934 | 1 | | | | | ● | | RE COL. 43CC | |
| BL2-14 | | A0708 | A0709 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| SM- | PAINT DEPT. STEAM MTR | A0111 | A0112 | 935 | 1 | | | ● | | | | | |
| EMERGENCY GEN. NO. 3 | LOW FUEL LEVEL | A0113 | A0114 | 936 | 1 | | | ● | | | | | |
| | EMERG. BUS VOLTAGE | A0116 | A0117 | 937 | 1 | | | ● | | | | | |
| | EMERG. GEN. RUNNING | A0118 | A0119 | | 2 | | | ● | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | LOW BATTERY VOLTAGE | A0601 | A0602 | 938 | 1 | | | ● | | | | | |
| | BATT. CHARGER D.C. POWER | A0603 | A0604 | | 2 | | | ● | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-44DD | FIRE | A0418 | A0419 | 939 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0601 | A0602 | | 3 | | | | ● | | | | |
| FS-54 | FLOW SWITCH | A0603 | A0604 | 940 | 1 | | | | ● | | | | |
| FS-55 | | A0606 | A0607 | 941 | 1 | | | | ● | | | | |
| FS-56 | | A0608 | A0609 | 942 | 1 | | | | ● | | | | |
| FS-57 | | A0611 | A0612 | 943 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A1001 | A1002 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A0901 | A0902 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

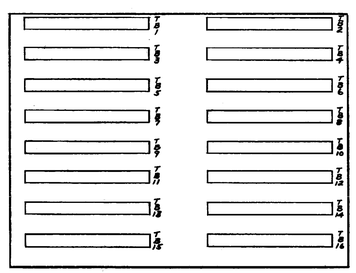



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

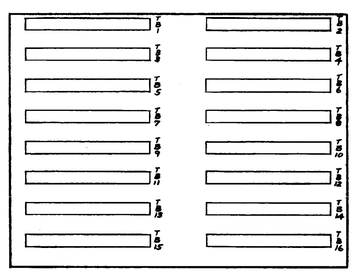
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

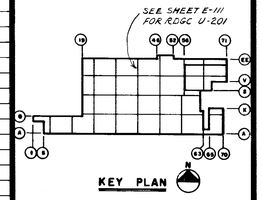



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 156 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. 164 | 6-13-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-201

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-147
SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 10 1155 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-148

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PIV- | VALVE CLOSED | A1301 | A1302 | 1074 | 1 | | | | ● | | | | |
| SCV-31 | | A1303 | A1304 | | 2 | | | | ● | | | | |
| SCV-32 | | A1306 | A1307 | | 3 | | | | ● | | | | |
| SCV-33 | | A1308 | A1309 | | 4 | | | | ● | | | | |
| SCV-34 | | A1311 | A1312 | | 5 | | | | ● | | | | |
| SCV-35 | | A1313 | A1314 | | 6 | | | | ● | | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| DS-13 | DOOR SWITCH | A1316 | A1317 | 1075 | 1 | | | | ● | | | | |
| BL-3-1 | LIGHTS | A1501 | A1502 | 1076 | 1 | | | ● | | | | | |
| BL-3-2 | | A1503 | A1504 | 1077 | 1 | | | ● | | | | | |
| BL-3-3 | | A1506 | A1507 | 1078 | 1 | | | ● | | | | | |
| BL-3-4 | | A1508 | A1509 | 1079 | 1 | | | ● | | | | | |
| OL-2 | | A1511 | A1512 | 1080 | 1 | | | ● | | | | | |
| BL-3-1 | OFF/ON | A1018 | A1019 | 1081 | 1 | | | | | ● | | RE COL. 60DD | |
| BL-3-2 | | A1101 | A1102 | | 2 | | | | | ● | | | |
| BL-3-3 | | A1103 | A1104 | | 3 | | | | | ● | | | |
| BL-3-4 | | A1106 | A1107 | | 4 | | | | | ● | | | |
| OL-2 | | A1108 | A1109 | | 5 | | | | | ● | | | |
| ITV-44 | INSPECTION TEST VALVE | A1218 | A1219 | | 6 | | | | | ● | | | |
| SUB-BE | TRANSFORMER TEMP. | A1513 | A1514 | 1082 | 1 | | | ● | | | | | |
| | PRESS. | A1516 | A1517 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A1518 | A1519 | | 3 | | | ● | | | | | |
| | KWHR METER | A1601 | A1602 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A1603 | A1604 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A1606 | A1607 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A1608 | A1609 | | 7 | | | ● | | | | | |
| | FEEDER BKR. #BE-1 | A1611 | A1612 | | 8 | | | ● | | | | | PAINT SHOP EXHAUST SYSTEM |
| | SPARE | | | | 9 | | | | | | | | |
| | SPARE | | | | 10 | | | | | | | | |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| SUB-BF | TRANSFORMER TEMP. | A1613 | A1614 | 1083 | 1 | | | ● | | | | | |
| | PRESS. | A1616 | A1617 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A1618 | A1619 | | 3 | | | ● | | | | | |
| | KWHR METER | B0101 | B0102 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0103 | B0104 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0106 | B0107 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0108 | B0109 | | 7 | | | ● | | | | | |
| | FEEDER BKR. #BF1 | B0111 | B0112 | | 8 | | | ● | | | | | PAINT SHOP EXHAUST SYSTEM |
| | SPARE | | | | 9 | | | | | | | | |
| | SPARE | | | | 10 | | | | | | | | |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| SUB-BG | TRANSFORMER TEMP. | B0113 | B0114 | 1084 | 1 | | | ● | | | | | |
| | PRESS. | B0116 | B0117 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0118 | B0119 | | 3 | | | ● | | | | | |
| | KWHR METER | B0201 | B0202 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0203 | B0204 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0206 | B0207 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0208 | B0209 | | 7 | | | ● | | | | | |
| | FEEDER BKR #BG2 | B0211 | B0212 | | 8 | | | ● | | | | | SPARE BREAKER |
| | FEEDER BKR #BG3 | B0806 | B0807 | | 9 | | | ● | | | | | SLUDGE BUILDING |
| | SPARE | | | | 10 | | | | | | | | |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| SUB-BH | TRANSFORMER TEMP. | B0213 | B0214 | 1085 | 1 | | | ● | | | | | |
| | PRESS. | B0216 | B0217 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0218 | B0219 | | 3 | | | ● | | | | | |
| | KWHR METER | B0301 | B0302 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0303 | B0304 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0306 | B0307 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0308 | B0309 | | 7 | | | ● | | | | | |
| | SPARE | | | | 8 | | | | | | | | |
| | SPARE | | | | 9 | | | | | | | | |
| | SPARE | | | | 10 | | | | | | | | |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| SUB-BC | TRANSFORMER TEMP. | B0311 | B0312 | 1086 | 1 | | | ● | | | | | |
| | PRESS. | B0313 | B0314 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0316 | B0317 | | 3 | | | ● | | | | | |
| | KWHR METER | B0318 | B0319 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0401 | B0402 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0403 | B0404 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0406 | B0407 | | 7 | | | ● | | | | | |
| | FEEDER BKR #BC-1 | B0408 | B0409 | | 8 | | | ● | | | | | SPARE BREAKER |
| | FEEDER BKR #BC-2 | B0411 | B0412 | | 9 | | | ● | | | | | BUS DUCT #BC-2 |
| | FEEDER BKR #BC-3 | B1213 | B1214 | | 10 | | | ● | | | | | BUS DUCT #BC-3 |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| SUB-BD | TRANSFORMER TEMP. | B0413 | B0414 | 1087 | 1 | | | ● | | | | | |
| | PRESS. | B0416 | B0417 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | B0418 | B0419 | | 3 | | | ● | | | | | |
| | KWHR METER | B0501 | B0502 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0503 | B0504 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B0506 | B0507 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B0508 | B0509 | | 7 | | | ● | | | | | |
| | FEEDER BKR #BD-1 | B0511 | B0512 | | 8 | | | ● | | | | | ZONE #2 D.C. PWR. SUPPLIES |
| | FEEDER BKR #BD-2 | B0513 | B0514 | | 9 | | | ● | | | | | SPARE BREAKER |
| | FEEDER BKR #BD-3 | B0516 | B0517 | | 10 | | | ● | | | | | ZONE #1 D.C. PWR. SUPPLIES |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| | SPARE CABLE | | | 1088 | 1 | | | | | | | RE. COL. GGD | |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| SCV-36 | VALVE CLOSED | A1401 | A1402 | 1089 | 1 | | | | ● | | | | |
| R.R.-S.G. | RR SWING GATE OPEN/CLOSE | A1111 | A1112 | 1090 | 1 | | | | | ● | | R.R. SWING GATE CONTROL PNL | RAIL ROAD SWING GATE |
| | OPEN | B0601 | B0602 | | 2 | | | ● | | | | | |
| | CLOSE | B0603 | B0604 | | 3 | | | ● | | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| BL-3-5 | LIGHTS | B0606 | B0607 | 1091 | 1 | | | ● | | | | | |
| BL-3-6 | | B0608 | B0609 | 1092 | 1 | | | ● | | | | | |
| BL-3-7 | | B0611 | B0612 | 1093 | 1 | | | ● | | | | | |
| BL-3-8 | | B0613 | B0614 | 1094 | 1 | | | ● | | | | | |
| BL-3-5 | OFF/ON | A1116 | A1117 | 1095 | 1 | | | | | ● | | RE COL. 68DD | |
| BL-3-6 | | A1118 | A1119 | | 2 | | | | | ● | | | |
| BL-3-7 | | A1201 | A1202 | | 3 | | | | | ● | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-3-8 | LIGHTS OFF/ON | A1203 | A1204 | 1095 | 4 | | | | | ● | | RE COL. 68DD | |
| ITV-43 | INSPECTION TEST VALVE | A1216 | A1217 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| F-66DD | FIRE | A1403 | A1404 | 1096 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1406 | A1407 | | 3 | | | | ● | | | | |
| OL-1 | LIGHTS | B0616 | B0617 | 1097 | 1 | | | ● | | | | | |
| | OFF/ON | A1206 | A1207 | 1098 | 1 | | | | | ● | | RE COL. 66DD | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ASH-205 | SUPPLY FAN START/STOP | A1208 | A1209 | 1099 | 1 | | | | | ● | | ASH. CONTROL PNL | |
| | SUPPLY FAN | B0618 | B0619 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0701 | B0702 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0703 | B0704 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0701 | B0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0706 | B0707 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB. | B0708 | B0709 | | 7 | | | ● | | | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| C1 | CLOCK CORRECTION | A1211 | A1212 | 1100 | 1 | | | | | ● | | RE COL. 63DD | |
| HD-62DD | HEAT DETECTOR | A1408 | A1409 | 1101 | 1 | | | | ● | | | | |
| ASH-204 | SUPPLY FAN START/STOP | A1213 | A1214 | 1102 | 1 | | | | | ● | | ASH. CONTROL PNL | |
| | SUPPLY FAN | B0711 | B0712 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0713 | B0714 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0716 | B0717 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0706 | B0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0718 | B0719 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB. | B0861 | B0862 | | 7 | | | ● | | | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| FS-43 | FLOW SWITCH | A1411 | A1412 | 1104 | 1 | | | | ● | | | | |
| FS-44 | | A1413 | A1414 | 1105 | 1 | | | | ● | | | | |
| PIV-43 | VALVE CLOSED | A1416 | A1417 | 1106 | 1 | | | | ● | | | | |
| PIV-44 | | A1418 | A1419 | | 2 | | | | ● | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| SUBBRT/SUMP TANK | HIGH LEVEL | B0805 | B0806 | 1608 | 1 | | | ● | | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| | HORNS START/STOP | B1001 | B1002 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1101 | B1102 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| FS-43A1 | FIRE PROTECTION SYSTEM #43A DISCHARGED | B1103 | B1104 | 1639 | 1 | | | | ● | | | | |
| FS-43A2 | FIRE PROTECTION SYSTEM #43A LOW PRESS. | B1106 | B1107 | 1640 | 1 | | | | ● | | | | |
| TS-43 | FIRE PROTECTION SYSTEM #43 TAMPER SWITCH | B1108 | B1109 | 1641 | 1 | | | | ● | | | | |
| TS-43A | FIRE PROTECTION SYSTEM #43A TAMPER SWITCH | B1111 | B1112 | 1642 | 1 | | | | ● | | | | |
| SUB#BB | TRANSFORMER TEMP. | B0808 | B0809 | 1645 | 1 | | | ● | | | | | |
| | TRANSFORMER PRESS. | B0811 | B0812 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE UNDER | B0813 | B0814 | | 3 | | | ● | | | | | |
| | KWHR METER | B0816 | B0817 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | B0818 | B0819 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B1201 | B1202 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B1203 | B1204 | | 7 | | | ● | | | | | |
| | FEEDER BKR #BB1 | B1206 | B1207 | | 8 | | | ● | | | | | SPARE BREAKER |
| | FEEDER BKR #BB2 | B1208 | B1209 | | 9 | | | ● | | | | | SPARE BREAKER. |
| | FEEDER BKR #BB3 | B1211 | B1212 | | 10 | | | ● | | | | | SMALL PARTS ELEC & BONCRITE SYSTEMS |
| | SPARE | | | | 11 | | | | | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| PS-44A1 | FIRE PROTECTION SYSTEM #44A LOW PRESS. | B1113 | B1114 | 1649 | 1 | | | | | ● | | | |
| PS-44A2 | FIRE PROTECTION SYSTEM #44A DISCHARGED | B1116 | B1117 | 1650 | 1 | | | | | ● | | | |
| TS-44 | FIRE PROTECTION SYSTEM #44 TAMPER SWITCH | B1118 | B1119 | 1651 | 1 | | | | | ● | | | |
| TS-44A | FIRE PROTECTION SYSTEM #44A TAMPER SWITCH | A-1318 | A-1319 | 1652 | 1 | | | | | ● | | | |
| F60-55 | FIRE | A-0201 | A-0202 | 666 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A-0203 | A-0204 | | 3 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #168 | | |

SEE SHEET E-110 FOR RDGC U-202

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 477 | 1-25-79 | W.S. | | |
| BULL #168 | 7-24-78 | T.J | | |
| BULL #168 | 7-18-78 | T.J | | |
| BULL #167 | 6-26-78 | T.J | | |
| BULL #164 | 6-13-78 | T.J | | |
| EFO #334 | 6-6-78 | T.J | | |
| EFO 324 | 5-24-78 | T.J | | |
| EFO #322 | 5-10-78 | T.J | | |

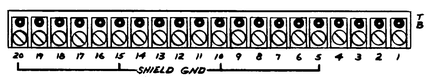
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

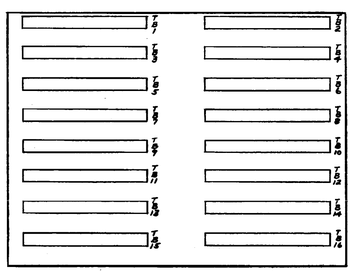
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

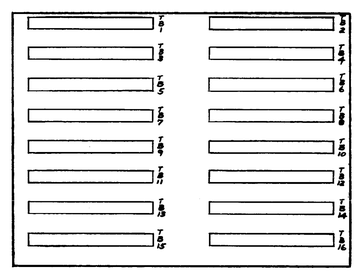
N.T.S.



EXPANSION DISTRIBUTION PANEL- B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL- A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-202

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KOVALE

SHEET NUMBER: E-148

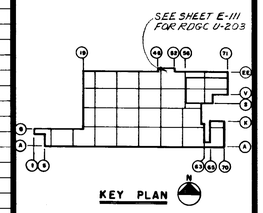
P.E.&C. 145 REV. 1-77 KAE 10 1138 3-77 3142a

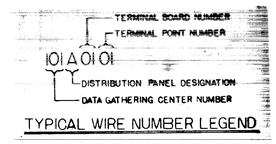
PROJECT NO. 4500 SHEET NO. E-149

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-2-16 | LIGHTS | B0101 | B0102 | 945 | 1 | | | ● | | | | | |
| BL-2-21 | | B0103 | B0104 | 946 | 1 | | | ● | | | | | |
| BL-2-22 | | B0106 | B0107 | 947 | 1 | | | ● | | | | | |
| BL-2-16 | OFF/ON | B0101 | B0102 | 948 | 1 | | | | | ● | | RE COL. 45CC | |
| BL-2-21 | | B0103 | B0104 | | 2 | | | | | ● | | | |
| BL-2-22 | | B0106 | B0107 | | 3 | | | | | ● | | | |
| BL-2-25 | LIGHTS | B0108 | B0109 | 949 | 1 | | | ● | | | | | |
| BL-2-25 | OFF/ON | B0108 | B0109 | 950 | 1 | | | | | ● | | RE COL. 47b CC | |
| BL-9-7 | | B1106 | B1107 | | 2 | | | | | ● | | | |
| | SPARE | | | | 3 | | | | | | | | |
| BL-2-26 | LIGHTS | B0111 | B0112 | 951 | 1 | | | ● | | | | | |
| BL-2-27 | | B0113 | B0114 | 952 | 1 | | | ● | | | | | |
| BL-2-26 | OFF/ON | B0911 | B0912 | 953 | 1 | | | | | ● | | RE COL. 49 CC | |
| BL-2-27 | | B0913 | B0914 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-94 | SUPPLY FAN START/STOP | B0116 | B0117 | 954 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0116 | B0117 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0118 | B0119 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0201 | B0202 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1106 | A1107 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0203 | B0204 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | A1108 | A1109 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0206 | B0207 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-50FF | FIRE | B0401 | B0402 | 955 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0403 | B0404 | | 3 | | | | ● | | | | |
| SP | SPARE CABLE | | | 956 | 1 | | | | | | | RE COL. 50CC | |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| F-46EE | FIRE | B0406 | B0407 | 957 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0408 | B0409 | | 3 | | | | ● | | | | |
| ITV-53-2 | INSPECTION TEST VALVE | B1001 | B1002 | 958 | 1 | | | | | ● | | RE COL. 49EE | |
| F-48DD | FIRE | B0411 | B0412 | 959 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0413 | B0414 | | 3 | | | | ● | | | | |
| DS-14 | DOOR SWITCH | B0416 | B0417 | 960 | 1 | | | | ● | | | | |
| F-53EE | FIRE | B0418 | B0411 | 961 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0501 | B0502 | | 3 | | | | ● | | | | |
| FS-45 | FLOW SWITCH | B0503 | B0504 | 962 | 1 | | | | ● | | | | |
| FS-46 | | B0506 | B0507 | 963 | 1 | | | | ● | | | | |
| FS-47 | | B0508 | B0509 | 964 | 1 | | | | ● | | | | |
| FS-48 | | B0511 | B0512 | 965 | 1 | | | | ● | | | | |
| FS-49 | | B0513 | B0514 | 966 | 1 | | | | ● | | | | |
| FS-50 | | B0516 | B0517 | 967 | 1 | | | | ● | | | | |
| FS-51 | | B0518 | B0519 | 968 | 1 | | | | ● | | | | |
| FS-52 | | B0601 | B0602 | 969 | 1 | | | | ● | | | | |
| FS-53 | | B0603 | B0604 | 970 | 1 | | | | ● | | | | |
| FS-77 | | B0606 | B0607 | 971 | 1 | | | | ● | | | | |
| SCV-30 | VALVE CLOSED | B0608 | B0609 | 972 | 1 | | | | ● | | | | |
| PIV-45 | | B0611 | B0612 | | 2 | | | | ● | | | | |
| PIV-46 | | B0613 | B0614 | | 3 | | | | ● | | | | |
| PIV-47 | | B0616 | B0617 | | 4 | | | | ● | | | | |
| PIV-48 | | B0618 | B0619 | | 5 | | | | ● | | | | |
| PIV-49 | | B0701 | B0702 | | 6 | | | | ● | | | | |
| TRACE WATER L. | HIGH LEVEL | B0203 | B0204 | | 7 | | | ● | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SCV-29 | VALVE CLOSED | B0704 | B0705 | 973 | 1 | | | | ● | | | | |
| PIV-50 | | B0706 | B0707 | | 2 | | | | ● | | | | |
| PIV-51 | | B0708 | B0709 | | 3 | | | | ● | | | | |
| PIV-52 | | B0711 | B0712 | | 4 | | | | ● | | | | |
| PIV-53 | | B0713 | B0714 | | 5 | | | | ● | | | | |
| PIV-77 | | B0715 | B0716 | | 6 | | | | ● | | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| GM-52EE | GENERAL PAINT DEPT. GAS METER | B0211 | B0212 | 974 | 1 | | | ● | | | | | |
| WM-52CC | GENERAL PAINT DEPT. WATER METER | B0213 | B0214 | 975 | 1 | | | ● | | | | | |
| CO2-52EE | $CO_2$ STORAGE TANK PANEL (HIGH PRESS.) | B0718 | B0719 | 976 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| $CO_2$ | $CO_2$ PNL-PAINT MIX ROOM | B0801 | B0802 | 977 | 1 | | | | ● | | | | |
| | PAINT STOR. ROOM | B0803 | B0804 | | 2 | | | | ● | | | | |
| | SEAL STOR. ROOM | B0806 | B0807 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| F-52DD | FIRE | B0808 | B0809 | 978 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0811 | B0812 | | 3 | | | | ● | | | | |
| ITV-51 | INSPECTION TEST VALVE | B1003 | B1004 | 979 | 1 | | | | | ● | | RE COL. 50CC | |
| ITV-53 | | B1006 | B1007 | | 2 | | | | | ● | | | |
| ITV-55 | | B1008 | B1009 | | 3 | | | | | ● | | | |
| ASH-88 | SUPPLY FAN START/STOP | B1011 | B1012 | 980 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0216 | B0217 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0218 | B0219 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0301 | B0302 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1111 | A1112 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0303 | B0304 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1113 | A1114 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0306 | B0307 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-87 | SUPPLY FAN START/STOP | B1013 | B1014 | 981 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0208 | B0209 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0211 | B0212 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0313 | B0314 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1116 | A1117 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0316 | B0317 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1118 | A1119 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0318 | B0319 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B1101 | B1102 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1201 | B1202 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| PL-3 | LIGHTS | A1616 | A1617 | 1619 | 1 | | | ● | | | | RE COL. 45CC | |
| BL-9-7 | LIGHTS | A1618 | A1619 | 1620 | 1 | | | ● | | | | RE COL. 47CC | |

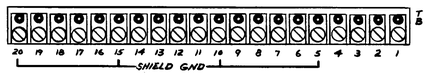
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PL-3 | LIGHTS OFF/ON | B1108 | B1109 | 1621 | 1 | | | | | ● | | RE COL. 45CC | |
| | SPARE | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| TS-53-3 | TAMPER SWITCH | B1208 | B1209 | 1658 | 1 | | | | ● | | | | |
| SM-47EE | STEAM METER | A1018 | A1019 | 1667 | 1 | | | ● | | | | | |
| TS-53-1 | TAMPER SWITCH | B1203 | B1204 | 1670 | 1 | | | | ● | | | | |
| TS-53-2 | TAMPER SWITCH | B1208 | B1207 | 1671 | 1 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



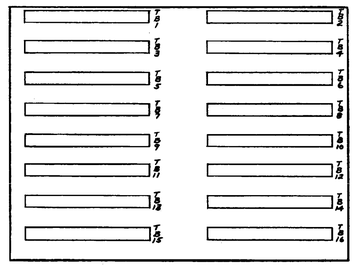




TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

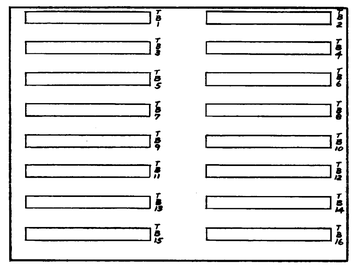
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 168 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 487 | 2-21-77 | WS | | |
| EFO 428 | 10-24-78 | T.J. | | |
| BULL 168 | 7-18-78 | TJ | | |
| BULL 165 | 6-16-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-203

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KOVACE

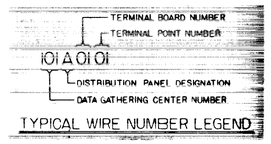
E-149
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-150

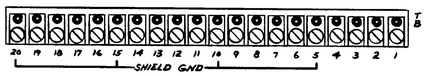
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B0516 | B0517 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1501 | B1502 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

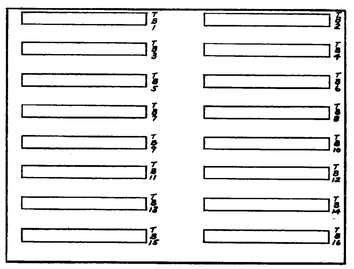



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

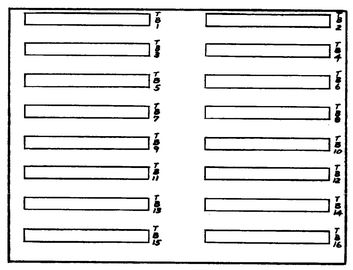
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

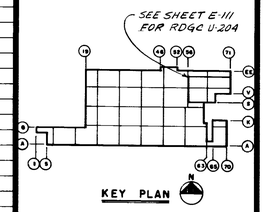



DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-15-78 | BULL. 164 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº U-204

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

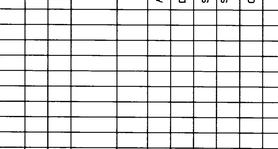
E-150
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-151

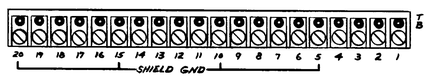
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B0416 | B0417 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1501 | B1502 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

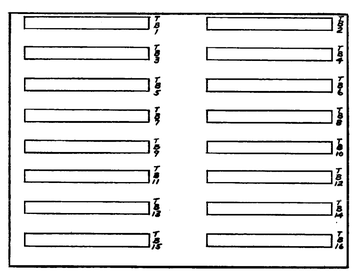



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

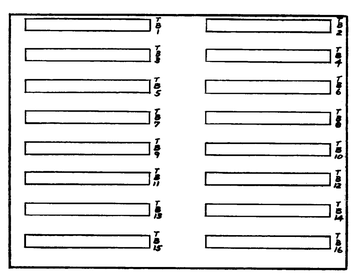
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

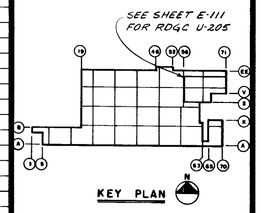



DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL. 164 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-205

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-151
SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 10 1155 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-152

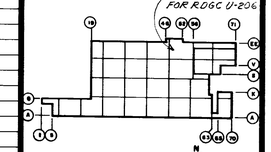
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-51Y | FIRE | A1101 | A1102 | 1030 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1103 | A1104 | | 3 | | | | ● | | | | |
| SUB-7D | TRANSFORMER TEMP | A0106 | A0107 | 1031 | 1 | | | ● | | | | | |
| | PRESS. | A0108 | A0109 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0111 | A0112 | | 3 | | | ● | | | | | |
| | KWHR METER | A0113 | A0114 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0116 | A0117 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0118 | A0119 | | 6 | | | ● | | | | | |
| | TIE | A0201 | A0202 | | 7 | | | ● | | | | | |
| | FEEDER 7D3 BREAKER | A0203 | A0204 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-7C | TRANSFORMER TEMP. | A0206 | A0207 | 1032 | 1 | | | ● | | | | | |
| | PRESS. | A0208 | A0209 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0211 | A0212 | | 3 | | | ● | | | | | |
| | KWHR METER | A0213 | A0214 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0216 | A0217 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0218 | A0219 | | 6 | | | ● | | | | | |
| | TIE | A0301 | A0302 | | 7 | | | ● | | | | | |
| | FEEDER 7C2 BREAKER | A0303 | A0304 | | 8 | | | ● | | | | | |
| | 7C3 | A0306 | A0307 | | 9 | | | ● | | | | | |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-7B | TRANSFORMER TEMP | A0308 | A0309 | 1033 | 1 | | | ● | | | | | |
| | PRESS. | A0311 | A0312 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0313 | A0314 | | 3 | | | ● | | | | | |
| | KWHR METER | A0316 | A0317 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0318 | A0319 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0401 | A0402 | | 6 | | | ● | | | | | |
| | TIE | A0403 | A0404 | | 7 | | | ● | | | | | |
| | FEEDER 7B2 BREAKER | A0406 | A0407 | | 8 | | | ● | | | | | |
| | FEEDER 7B3 BREAKER | A1008 | A1009 | | 9 | | | ● | | | | | SPARE BRKR BUS DUCT #7B3 |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-7A | TRANSFORMER TEMP | A0408 | A0409 | 1034 | 1 | | | ● | | | | | |
| | PRESS. | A0411 | A0412 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0413 | A0414 | | 3 | | | ● | | | | | |
| | KWHR METER | A0416 | A0417 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0418 | A0419 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0501 | A0502 | | 6 | | | ● | | | | | |
| | TIE | A0503 | A0504 | | 7 | | | ● | | | | | |
| | FEEDER 7A2 BREAKER | A0506 | A0507 | | 8 | | | ● | | | | | BUS DUCT #7A2 |
| | 7A3 | A0508 | A0509 | | 9 | | | ● | | | | | BUS DUCT #7A3 |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-7H | TRANSFORMER TEMP. | A0611 | A0612 | 1035 | 1 | | | ● | | | | | |
| | PRESS. | A0613 | A0614 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0616 | A0617 | | 3 | | | ● | | | | | |
| | KWHR METER | A0618 | A0619 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0601 | A0602 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0603 | A0604 | | 6 | | | ● | | | | | |
| | TIE | A0606 | A0607 | | 7 | | | ● | | | | | |
| | FEEDER 7H2 BREAKER | A0608 | A0609 | | 8 | | | ● | | | | | BUS DUCT #7H2 |
| | 7H3 | A0611 | A0612 | | 9 | | | ● | | | | | BUS DUCT #7H3 |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-7G | TRANSFORMER TEMP. | A0613 | A0614 | 1036 | 1 | | | ● | | | | | |
| | PRESS. | A0616 | A0617 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0618 | A0619 | | 3 | | | ● | | | | | |
| | KWHR METER | A0701 | A0702 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0703 | A0704 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0706 | A0707 | | 6 | | | ● | | | | | |
| | TIE | A0708 | A0809 | | 7 | | | ● | | | | | |
| | FEEDER 7G2 BREAKER | A0711 | A0712 | | 8 | | | ● | | | | | BUS DUCT #7G2 |
| | 7G3 | A0713 | A0714 | | 9 | | | ● | | | | | BUS DUCT #7G3 |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-7E | TRANSFORMER TEMP. | A0716 | A0717 | 1037 | 1 | | | ● | | | | | |
| | PRESS. | A0718 | A0719 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0801 | A0802 | | 3 | | | ● | | | | | |
| | KWHR METER | A0803 | A0804 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0806 | A0807 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0808 | A0809 | | 6 | | | ● | | | | | |
| | TIE | A0811 | A0812 | | 7 | | | ● | | | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| BL-2-28 | LIGHTS | A0813 | A0814 | 1038 | 1 | | | ● | | | | | |
| BL-2-29 | | A0816 | A0817 | 1039 | 1 | | | ● | | | | | |
| BL-2-30 | | A0818 | A0819 | 1040 | 1 | | | ● | | | | | |
| BL-2-31 | | A0901 | A0902 | 1041 | 1 | | | ● | | | | | |
| BL-2-38 | | A0903 | A0904 | 1042 | 1 | | | ● | | | | | |
| BL-2-39 | | A0906 | A0907 | 1043 | 1 | | | ● | | | | | |
| BL-2-40 | | A0908 | A0909 | 1044 | 1 | | | ● | | | | | |
| BL-2-41 | | A0911 | A0912 | 1045 | 1 | | | ● | | | | | |
| BL-2-42 | | A0913 | A0914 | 1046 | 1 | | | ● | | | | | |
| BL-2-28 | OFF/ON | A1201 | A1202 | 1047 | 1 | | | | ● | | | | RE COL. 52BB |
| BL-2-29 | | A1203 | A1204 | | 2 | | | | ● | | | | |
| BL-2-30 | | A1206 | A1207 | | 3 | | | | ● | | | | |
| BL-2-31 | | A1208 | A1209 | | 4 | | | | ● | | | | |
| BL-2-38 | | A1211 | A1212 | | 5 | | | | ● | | | | |
| BL-2-39 | | A1213 | A1214 | | 6 | | | | ● | | | | |
| BL-2-40 | | A1216 | A1217 | | 7 | | | | ● | | | | |
| BL-2-41 | | A1218 | A1219 | | 8 | | | | ● | | | | |
| BL-2-42 | | A1501 | A1502 | | 9 | | | | ● | | | | |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| ASH-93 | SUPPLY FAN START/STOP | A1203 | A1204 | 1048 | 1 | | | | ● | | | | A.S.H. CONTROL PNL. |
| | SUPPLY FAN | A0116 | A0117 | | 2 | | | ● | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-93 | AIR FLOW SWITCH | A0918 | A0919 | 1048 | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1001 | A1002 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1401 | A1402 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1003 | A1004 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1403 | A1404 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1006 | A1007 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-51BB | FIRE | A1108 | A1107 | 1049 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1108 | A1109 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A1316 | A1317 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1116 | A1117 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| =51-XN | FIRE | A1111 | A1112 | 1051 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1113 | A1114 | | 3 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 158 | | |

SEE SHEET E-111 FOR RDGC U-206



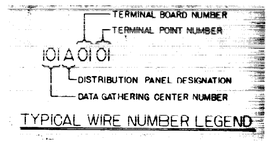
KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EPO-477 | 1-25-79 | W.S. | | |
| BULL 60 | 7-8-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |

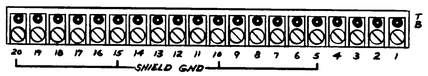
REVISIONS

CONTRACT SIGNATURES: FOR THE OWNER / FOR THE CONTRACTOR

DRAWING CERTIFIED BY / DATE

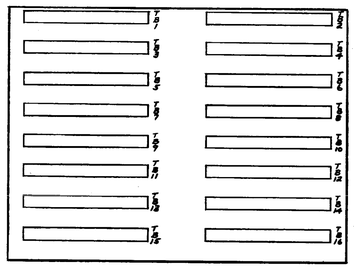



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

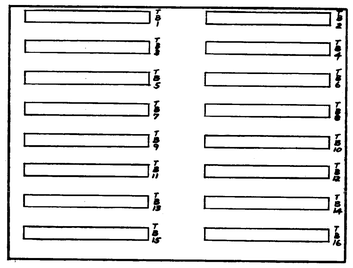
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-206

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

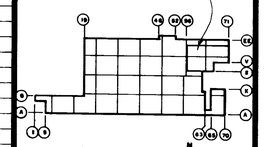
E-152
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-153

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-53X | LIGHTS | A1601 | A1602 | 1050 | 1 | | | ● | | | | | |
| | OFF/ON | A1401 | A1402 | 1051 | 1 | | | | | ● | | RE COL. 53X | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| LL-54X | LIGHTS | A1603 | A1604 | 1052 | 1 | | | ● | | | | | |
| LL-54Y | | A1606 | A1607 | 1053 | 1 | | | ● | | | | | |
| LL-54X | OFF/ON | A1403 | A1404 | 1054 | 1 | | | | | ● | | RE COL. 54Y | |
| LL-54Y | | A1406 | A1407 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-91 | SUPPLY FAN START/STOP | A1408 | A1409 | 1055 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A1608 | A1609 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1611 | A1612 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1613 | A1614 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1301 | A1302 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1616 | A1617 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1303 | A1304 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1618 | A1619 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-92 | SUPPLY FAN START/STOP | A1611 | A1612 | 1056 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A1601 | A1602 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1603 | A1604 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1606 | A1607 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1306 | A1307 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1608 | A1609 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1308 | A1309 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1611 | A1612 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-53BB | LIGHTS | A1613 | A1614 | 1057 | 1 | | | ● | | | | | |
| LL-53CC | | A1616 | A1617 | 1058 | 1 | | | ● | | | | | |
| LL-53BB | OFF/ON | A1413 | A1414 | 1059 | 1 | | | | | ● | | RE COL. 53BB | |
| LL-53CC | | A1416 | A1417 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| LL-55EE | LIGHTS | A1618 | A1619 | 1060 | 1 | | | ● | | | | | |
| | OFF/ON | A1418 | A1419 | 1061 | 1 | | | | | ● | | RE COL. 55-BB | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| LL-54AA | LIGHTS | B0101 | B0102 | 1062 | 1 | | | ● | | | | | |
| | OFF/ON | B0401 | B0402 | 1063 | 1 | | | | | ● | | RE COL. 54BB | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| | | | | 1064 | 1 | | | | | | | | SLUDGE BLDG. |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| F-56NN | FIRE | B0201 | B0202 | 1065 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOS. |
| | WATCH | B0203 | B0204 | | 3 | | | | ● | | | | |
| F-55&HH | FIRE | B0206 | B0207 | 1066 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOS. |
| | WATCH | B0208 | B0209 | | 3 | | | | ● | | | | |
| WM-5EEE | BODY BONDRITE AND ELPO WATER METER | B0103 | B0104 | 1067 | 1 | | | ● | | | | | |
| F-56BB | FIRE | B0213 | B0214 | 1071 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0216 | B0217 | | 3 | | | | ● | | | | |
| F-56Y | FIRE | B0218 | B0219 | 1073 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0321 | B0322 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A1116 | A1117 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0316 | B0317 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 163 | | |

SEE SHEET E-111 FOR RDGC U-207



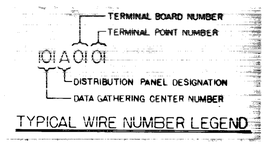

KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| EFO #334 | 6-6-78 | T.J. | | |

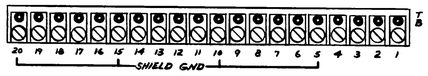
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

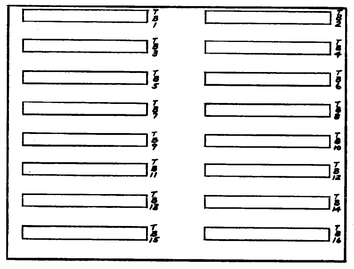



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

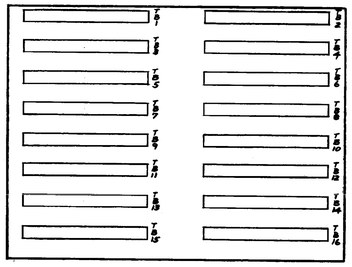
N.T.S.




EXPANSION DISTRIBUTION PANEL- B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL- A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-207

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

E-153 SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 10 1138 3-77 3142a

PROJECT NO. 4500 SHEET NO. E-154

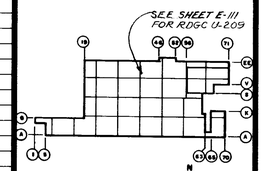
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-37W | LIGHTS | A0701 | A0702 | 836 | 1 | | | ● | | | | | |
| | OFF/ON | A1601 | A1602 | 837 | 1 | | | | | ● | | RE COL. 38W | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| BL-2-7 | LIGHTS | A0703 | A0704 | 838 | 1 | | | ● | | | | | |
| BL-2-8 | | A0705 | A0707 | 839 | 1 | | | ● | | | | | |
| BL-2-7 | OFF/ON | A1603 | A1604 | 840 | 1 | | | | | ● | | RE COL. 38XN | |
| BL-2-8 | | A1606 | A1607 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-2-5 | LIGHTS | A0708 | A0709 | 841 | 1 | | | ● | | | | | |
| BL-2-6 | | A0711 | A0712 | 842 | 1 | | | ● | | | | | |
| BL-2-5 | OFF/ON | A1608 | A1609 | 843 | 1 | | | | | ● | | RE COL. 39WXN | |
| BL-2-6 | | A1611 | A1612 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| LL-42X | LIGHTS | A0713 | A0714 | 844 | 1 | | | ● | | | | | |
| | OFF/ON | A1613 | A1614 | 845 | 1 | | | | | ● | | RE COL. 42XN | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ASH-72 | SUPPLY FAN START/STOP | A1616 | A1617 | 846 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A0716 | A0717 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0718 | A0719 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0801 | A0802 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0636 | A0637 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0803 | A0804 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0638 | A0639 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0806 | A0807 | | 8 | | | ● | | | | | |
| | | | | | | | | | | | | | SPARE PAIR |
| ASH-84 | SUPPLY FAN START/STOP | A1618 | A1619 | 847 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A0808 | A0809 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0811 | A0812 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0813 | A0814 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0611 | A0612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0816 | A0817 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0613 | A0614 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0818 | A0819 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| C3- | CLOCK CORRECTION | B0101 | B0102 | 920 | 1 | | | | | ● | | RE COL. 41AA | |
| SUB-6B | TRANS. TEMP (HIGH) | A0901 | A0902 | 848 | 1 | | | ● | | | | | |
| | PRESS (LOW) | A0903 | A0904 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0906 | A0907 | | 3 | | | ● | | | | | |
| | KWHR METER | A0909 | A0910 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0911 | A0912 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0913 | A0914 | | 6 | | | ● | | | | | |
| | TIE | A0916 | A0917 | | 7 | | | ● | | | | | |
| | FEEDER BKR 6B1 | A0918 | A0919 | | 8 | | | ● | | | | | |
| | 6B2 | A1001 | A1002 | | 9 | | | ● | | | | | |
| | 6B3 | A1003 | A1004 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-6A | TRANS TEMP (HIGH) | A1006 | A1007 | 849 | 1 | | | ● | | | | | |
| | PRESS (LOW) | A1008 | A1009 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A1011 | A1012 | | 3 | | | ● | | | | | |
| | KWHR METER | A1013 | A1014 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A1016 | A1017 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A1018 | A1019 | | 6 | | | ● | | | | | |
| | TIE | A1101 | A1102 | | 7 | | | ● | | | | | |
| | FEEDER BKR 6A1 | A1103 | A1104 | | 8 | | | ● | | | | | |
| | 6A2 | A1106 | A1107 | | 9 | | | ● | | | | | |
| | 6A3 | A1108 | A1109 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-6C | TRANS. TEMP (HIGH) | A1111 | A1112 | 850 | 1 | | | ● | | | | | |
| | PRESS (LOW) | A1113 | A1114 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A1116 | A1117 | | 3 | | | ● | | | | | |
| | KWHR METER | A1118 | A1119 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A1201 | A1202 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A1203 | A1204 | | 6 | | | ● | | | | | |
| | TIE | A1206 | A1207 | | 7 | | | ● | | | | | |
| | FEEDER BKR 6C1 | A1208 | A1209 | | 8 | | | ● | | | | | |
| | 6C2 | A1211 | A1212 | | 9 | | | ● | | | | | BUS DUCT #6C2 |
| | 6C3 | B0716 | B0717 | | 10 | | | ● | | | | | BUS DUCT #6C3 |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-6D | TRANS. TEMP. (HIGH) | A1213 | A1214 | 851 | 1 | | | ● | | | | | |
| | PRESS. (LOW) | A1216 | A1217 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A1218 | A1219 | | 3 | | | ● | | | | | |
| | KWHR METER | A1301 | A1302 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A1303 | A1304 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A1306 | A1307 | | 6 | | | ● | | | | | |
| | TIE | A1308 | A1309 | | 7 | | | ● | | | | | |
| | FEEDER BKR 6D1 | A1311 | A1312 | | 8 | | | ● | | | | | |
| | 6D2 | A1313 | A1314 | | 9 | | | ● | | | | | |
| | 6D3 | A1316 | A1317 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| F-39W | FIRE | A1501 | A1502 | 852 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1503 | A1504 | | 3 | | | | ● | | | | |
| BL-2-1 | LIGHTS | A1318 | A1319 | 853 | 1 | | | ● | | | | | |
| BL-2-2 | | A1401 | A1402 | 854 | 1 | | | ● | | | | | |
| BL-2-3 | | A1403 | A1404 | 855 | 1 | | | ● | | | | | |
| BL-2-4 | | A1406 | A1407 | 856 | 1 | | | ● | | | | | |
| BL-2-1 | OFF/ON | B0103 | B0104 | 857 | 1 | | | | | ● | | RE COL. 39EC | |
| BL-2-2 | | B0106 | B0107 | | 2 | | | | | ● | | | |
| BL-2-3 | | B0108 | B0109 | | 3 | | | | | ● | | | |
| BL-2-4 | | B0111 | B0112 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-83 | SUPPLY FAN START/STOP | B0113 | B0114 | 858 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A1408 | A1409 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1411 | A1412 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1413 | A1414 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0616 | A0617 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1416 | A1417 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0618 | A0619 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1418 | A1419 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B0601 | B0602 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0501 | B0502 | | 2 | | | | ● | | | | |

P.E.&C. 145 REV. 1-77 KBC 19 1155 3-77 3142a

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SPARE | | | HC | 3 | | | | | | | | HORN CONTROL ENCLOSURE |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| BL-9-1 | LIGHTS OFF/ON | B0606 | B0607 | 1612 | 1 | | | | | ● | | RE COL 39ECC | |
| BL-9-2 | | B0608 | B0609 | | 2 | | | | | ● | | | |
| BL-9-3 | | B0611 | B0612 | | 3 | | | | | ● | | | |
| BL-9-4 | | B0613 | B0614 | | 4 | | | | | ● | | | |
| BL-9-5 | | B0616 | B0617 | | 5 | | | | | ● | | | |
| BL-9-6 | | B0618 | B0619 | | 6 | | | | | ● | | | |
| BL-9-1 | LIGHTS | B0701 | B0702 | 1613 | 1 | | | ● | | | | | |
| BL-9-2 | | B0703 | B0704 | 1614 | 1 | | | ● | | | | | |
| BL-9-3 | | B0706 | B0707 | 1615 | 1 | | | ● | | | | | |
| BL-9-4 | | B0708 | B0709 | 1616 | 1 | | | ● | | | | | |
| BL-9-5 | | B0711 | B0712 | 1617 | 1 | | | ● | | | | | |
| BL-9-6 | | B0713 | B0714 | 1618 | 1 | | | ● | | | | | |
| C-1 | CLOCK CORRECTION | B0116 | B0117 | 859 | 1 | | | | | ● | | RE COL 39EY | |
| ITV-59 | INSPECTION TEST VALVE | B0118 | B0119 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #158 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 160 | 7-18-78 | TJ | | |
| BULL 165 | 6-16-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |

REVISIONS

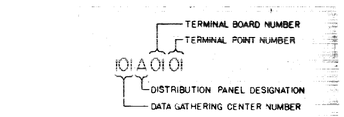
CONTRACT SIGNATURES

FOR THE OWNER

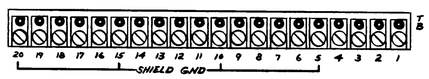
FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

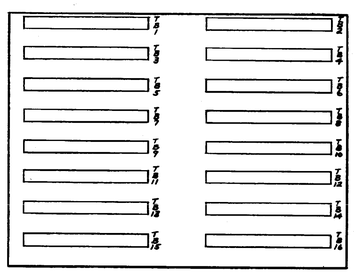



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

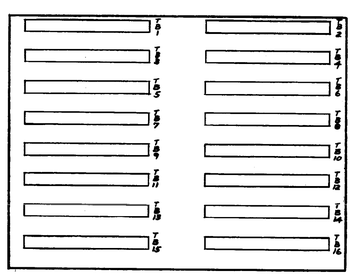
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-209

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-154
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-155

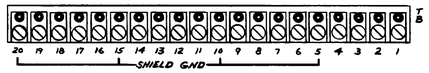
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B0116 | B0017 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0301 | B0302 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

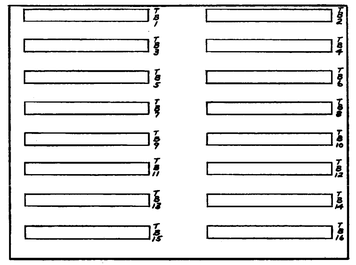
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

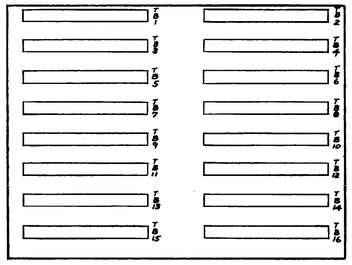
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

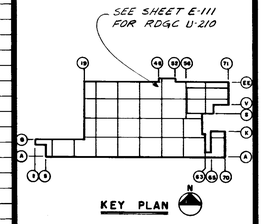



DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-210

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-155
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-156

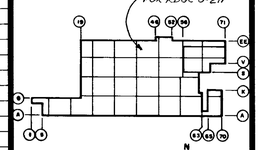
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-85 | SUPPLY FAN START/STOP | B0301 | B0302 | 904 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0901 | B0902 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0903 | B0904 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0906 | B0907 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0308 | A0309 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0908 | B0909 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0306 | A0307 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0911 | B0912 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-86 | SUPPLY FAN START/STOP | B0303 | B0304 | 905 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0913 | B0114 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0916 | B0917 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0918 | B0919 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0311 | A0312 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1001 | B1002 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0313 | A0314 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1003 | B1004 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-73 | SUPPLY FAN START/STOP | B0306 | B0307 | 906 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B1006 | B1007 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1008 | B1009 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1011 | B1012 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | A0316 | A0317 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1013 | B1014 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0318 | A0319 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1016 | B1017 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL2-15 | LIGHTS | B1018 | B1019 | 907 | 1 | | | ● | | | | | |
| | OFF/ON | B0308 | B0309 | 908 | 1 | | | | | ● | | RE COL. 43Y | |
| C.- | CLOCK CORRECTION | B0311 | B0312 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-45Y | FIRE | B0101 | B0102 | 909 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0103 | B0104 | | 3 | | | | ● | | | | |
| P.D.A.M. | POINT DE POSE P. COMPRESSED AIR METER | B1101 | B1102 | 910 | 1 | | | ● | | | | | |
| ITV-54 | INSPECTION TEST VALVE | B0313 | B0314 | 911 | 1 | | | | | ● | | RE COL. 43BB | |
| ITV-62 | INSPECTION TEST VALVE | B0418 | B0419 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-43AA | FIRE | B0106 | B0107 | 912 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0108 | B0109 | | 3 | | | | ● | | | | |
| F-40CC | FIRE | B0111 | B0112 | 913 | 1 | | | | ● | | | | RDGC CONN ENCLOSURE |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CTL. ENCLR. |
| | WATCH | B0113 | B0114 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| F-46W | FIRE | B0116 | B0117 | 914 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CTL. ENCLR. |
| | WATCH | B0118 | B0119 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| F-50R | FIRE | B0201 | B0202 | 915 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CTL. ENCLR. |
| | WATCH | B0203 | B0204 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| BL2-17 | LIGHTS | B1103 | B1104 | 916 | 1 | | | ● | | | | | |
| BL2-23 | | B1106 | B1107 | 917 | 1 | | | ● | | | | | |
| BL2-24 | | B1108 | B1109 | 918 | 1 | | | ● | | | | | |
| BL2-17 | OFF/ON | B0316 | B0317 | 919 | 1 | | | | | ● | | RE COL. 45Y | |
| BL2-23 | | B0318 | B0319 | | 2 | | | | | ● | | | |
| BL2-24 | | B0401 | B0402 | | 3 | | | | | ● | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | HORNS START/STOP | B0416 | B0417 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0216 | B0217 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 158 | | |

SEE SHEET E-111 FOR RDGC U-211




KEY PLAN

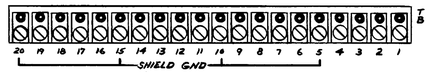
| | | | | |
|---|---|---|---|---|
| BULL 158 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| NO. | DATE | BY | APPROVAL | APPROVAL |

REVISIONS

| CONTRACT SIGNATURES | DRAWING CERTIFIED BY |
|---|---|
| FOR THE OWNER | |
| FOR THE CONTRACTOR | DATE |

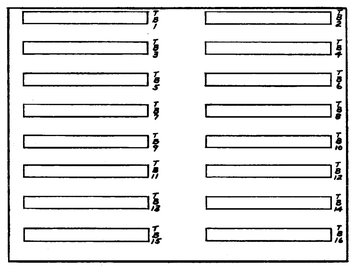
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101A01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

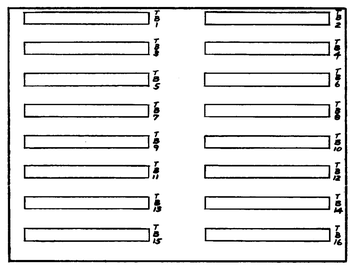
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-211

SHEET TITLE

| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P. E. & C. PROJECT NUMBER |
| DATE 4-11-78 | E-156 |
| DRAWN BY D. J. T. | |
| JOB CAPT. J. WALDROP J. KONKLE | SHEET NUMBER |

P.E.&C. 145 REV. 1-77 K&E 10 1135 3-77 3142a

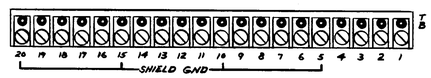
PROJECT NO. 4500 SHEET NO. E-157

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-49AA | LIGHTS | A0601 | A0602 | 982 | 1 | | | ● | | | | | |
| LL-50AA | | A0603 | A0604 | 983 | 1 | | | ● | | | | | |
| LL-49AA | OFF/ON | A0401 | A0402 | 984 | 1 | | | | | ● | | RE COL. 50BB | |
| LL-50AA | | A0403 | A0404 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| LL-49BB | LIGHTS | A0606 | A0607 | 985 | 1 | | | ● | | | | | |
| | OFF/ON | A0408 | A0407 | 986 | 1 | | | | | ● | | RE COL. 49BB | |
| BL-10-1 | LIGHTS | A0608 | A0609 | 987 | 1 | | | ● | | | | | |
| | OFF/ON | A0408 | A0409 | 988 | 1 | | | | | ● | | RE COL. 48BB | |
| ASH 2DB | SUPPLY FAN START/STOP | A0411 | A0412 | 989 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0611 | A0612 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0613 | A0614 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0616 | A0617 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0501 | A0502 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0618 | A0619 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A0701 | A0702 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| CI- | CLOCK CORRECTION | A0413 | A0414 | 990 | 1 | | | | | ● | | RE COL. 48Y | |
| HS-534 | HATCH NO. 534 OPEN | A0801 | A0802 | 1107 | 1 | | | | ● | | | | |
| HS-522 | HATCH NO. 522 OPEN | A0803 | A0804 | 1108 | 1 | | | | ● | | | | |
| LL-49X | LIGHTS | A0703 | A0704 | 991 | 1 | | | ● | | | | | |
| | OFF/ON | A0416 | A0417 | 992 | 1 | | | | | ● | | RE COL. 49Y | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| PS-54W | PLENUM SUMP HIGH LEVEL ALARM | A0706 | A0707 | 993 | 1 | | | ● | | | | | |
| F-54V | FIRE | A0806 | A0807 | 994 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO VOICE MODEM |
| | WATCH | A0808 | A0809 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| F-48Y | FIRE | A0811 | A0812 | 995 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0813 | A0814 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| LL-48Y | LIGHTS | A0708 | A0709 | 996 | 1 | | | ● | | | | | |
| | OFF/ON | A0418 | A0419 | 997 | 1 | | | | | ● | | RE COL. 47cY | |
| CPL-1 | | A0406 | A0407 | | 2 | | | | | ● | | | |
| BL-9-8 | | A0408 | A0409 | | 3 | | | | | ● | | | |
| CPL-1 | | B0403 | B0404 | 1622 | 1 | | | ● | | | | | |
| BL-9-8 | | B0406 | B0407 | 1623 | 1 | | | ● | | | | | |
| | HORNS START/STOP | A0901 | A0902 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A0816 | A0817 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC DIST. PANEL TERMINAL NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

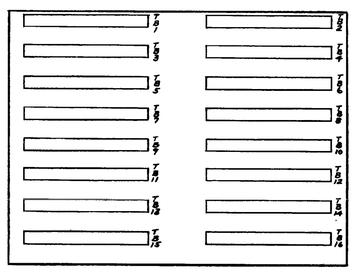
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

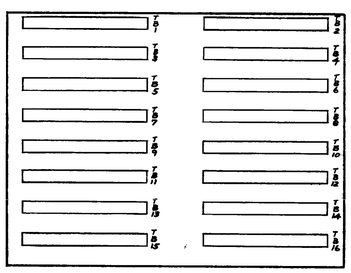
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

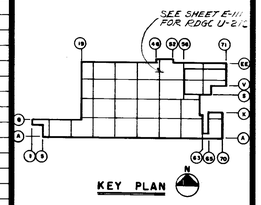


DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-11-78 | BULL. #168 | | |




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 165 | 6-16-78 | TJ | | |
| BULL 164 | 6-15-78 | TJ | | |
| EFO 324 | 5-24-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-212

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-157
SHEET NUMBER

P.E. & C. 143 REV. 1-77 K&E 10 1135 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-158

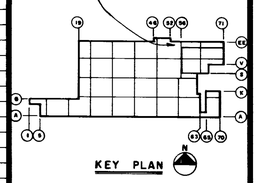
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B1701 | B1702 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1801 | B1802 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |

SEE SHEET E-111 FOR RDGC U-213




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

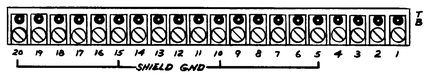
FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

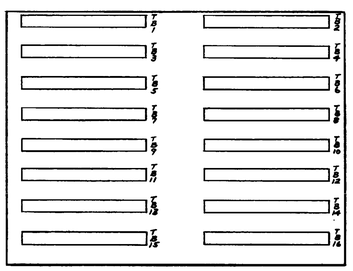
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

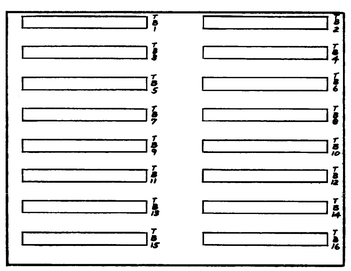
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-213

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-158
SHEET NUMBER

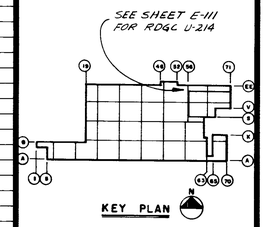
P.E.&C. 145 REV. 1-77 K&E 10 1135 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-159

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B1201 | B1202 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1101 | B1102 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

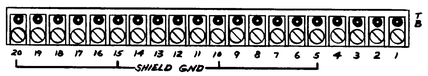
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|




KEY PLAN

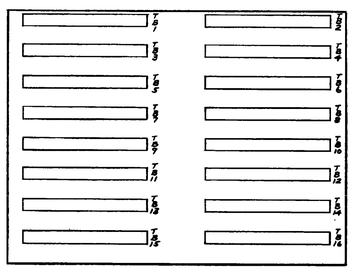
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

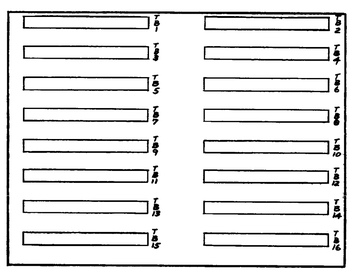
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-214

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-159
SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 15 1155 3-77 3142x

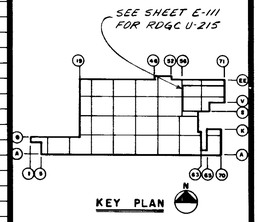
PROJECT NO. 4500 SHEET NO. E-160

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B1016 | B1017 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1301 | B1302 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

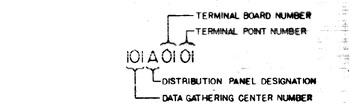
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

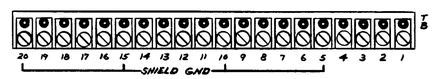
| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |




KEY PLAN

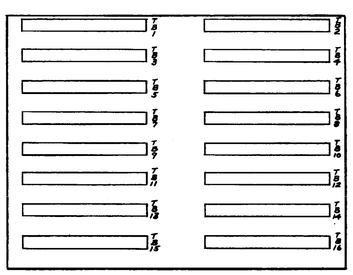



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

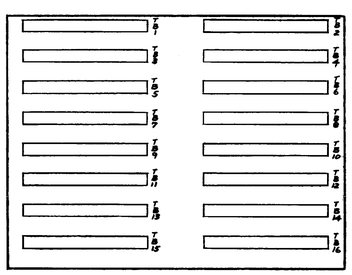
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº U-215

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

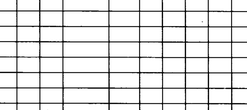
E-160
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-161

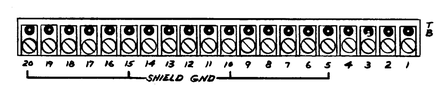
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | A1301 | A1302 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1401 | A1402 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

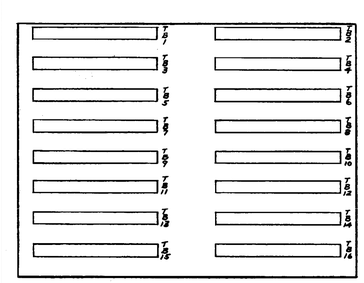



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

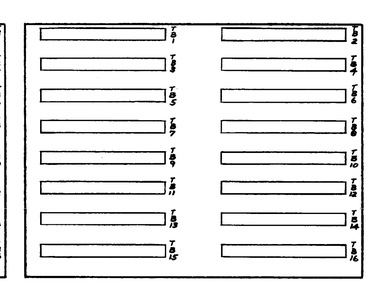
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

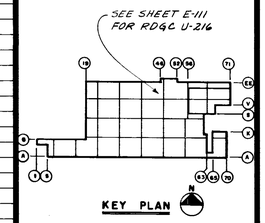



DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6/13/78 | BULL 164 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-216

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONALE

E-161
SHEET NUMBER

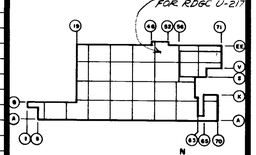
P.E.&C. 149 REV. 1-77 K&E 10 1135 5-77 3142a

PROJECT NO. 4500 SHEET NO. E-162

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-89 | SUPPLY FAN START/STOP | A0600 | A0607 | 998 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0601 | A0602 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0603 | A0604 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0606 | A0607 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0701 | A0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0800 | A0801 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0703 | A0704 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0811 | A0812 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-90 | SUPPLY FAN START/STOP | A0608 | A0609 | 999 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A0813 | A0814 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0816 | A0817 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0818 | A0819 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0706 | A0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0901 | A0902 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0708 | A0709 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0903 | A0904 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-48XW | FIRE | A1001 | A1002 | 1000 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1003 | A1004 | | 3 | | | | ● | | | | |
| LL-48X | LIGHTS | A0906 | A0907 | 1001 | 1 | | | ● | | | | | |
| | OFF/ON | A0611 | A0612 | 1002 | 1 | | | | | ● | | RE COL. 49W | |
| F-51W | FIRE | A1006 | A1007 | 1003 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1008 | A1009 | | 3 | | | | ● | | | | |
| BL10-2 | LIGHTS | A0908 | A0909 | 1004 | 1 | | | ● | | | | | |
| | OFF/ON | A0613 | A0614 | 1005 | 1 | | | | | ● | | RE COL. 51W | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| LL-49W | LIGHTS | A0911 | A0912 | 1006 | 1 | | | ● | | | | | |
| | OFF/ON | A0616 | A0617 | 1007 | 1 | | | | | ● | | RE COL. 49W | |
| | HORNS START/STOP | B0801 | B0802 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1016 | A1017 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #168 | | |

SEE SHEET E-111 FOR RDGC U-217




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 6-13-78 | FJ | | |

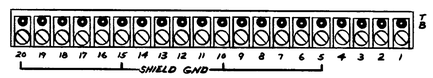
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

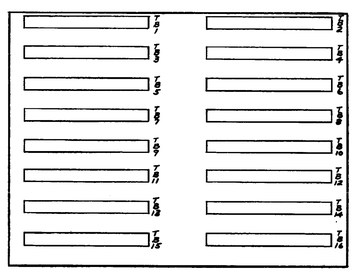
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

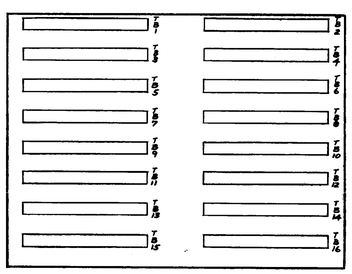
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-217

SHEET TITLE

OWNER'S IDENTIFICATION — P.E.&C. PROJECT NUMBER: 4500

DATE 4-11-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP, J. KONKLE

E-162

SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 10 1135 3-77 3142a

PROJECT NO. 4500 SHEET NO. E-163

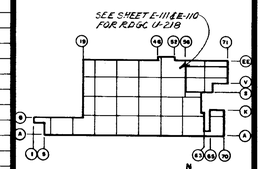
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS-R1 | DOOR NO. R-1 OPEN | B0801 | B0802 | 1022 | 1 | | | | ● | | | | |
| F-56wV | FIRE | B0803 | B0804 | 1024 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0806 | B0807 | | 3 | | | | ● | | | | |
| F-56wW | FIRE | B0808 | B0809 | 1025 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0811 | B0812 | | 3 | | | | ● | | | | |
| LL-54W | LIGHTS | B0703 | B0704 | 1026 | 1 | | | ● | | | | | |
| | OFF/ON | B0406 | B0407 | 1027 | 1 | | | | | ● | | RE COL. 54W | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| F-56wX | FIRE | B0813 | B0814 | 1028 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0816 | B0817 | | 3 | | | | ● | | | | |
| DV-47-2 | DELUGE VALVE-POWER ON | B0815 | B0819 | 1109 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| DV-47-1 | DELUGE VALVE-POWER ON | B0901 | B0902 | 1110 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| | HORNS START/STOP | B0916 | B0917 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0916 | B0917 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #158 | | |

SEE SHEET E-111 & E-110 FOR RDGC U-218




KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| E10 828 | 10-24-78 | T.J. | | |
| BULL 164 | 6-13-78 | TJ | | |
| E10 324 | 5-24-78 | T.J. | | |

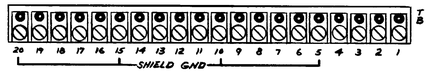
REVISIONS

CONTRACT SIGNATURES: FOR THE OWNER / FOR THE CONTRACTOR

DRAWING CERTIFIED BY / DATE

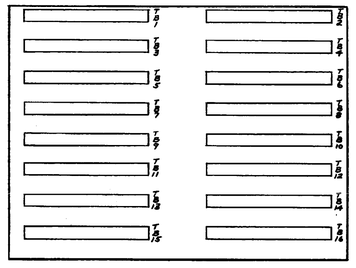
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

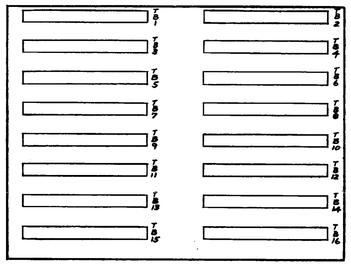
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U 218

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-163
SHEET NUMBER

P.E.&C. 148 REV. 1-77 KAE 10 1135 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-164

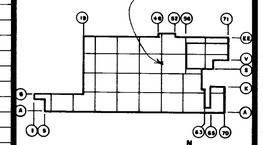
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C1- | CLOCK CORRECTION | B1401 | B1402 | 891 | 1 | | | | | ● | | RE COL. 47w5 | |
| BL-2-18 | LIGHTS | B1101 | B1102 | 892 | 1 | | | ● | | | | | |
| BL-2-19 | | B1103 | B1104 | 893 | 1 | | | ● | | | | | |
| BL-2-20 | | B1106 | B1107 | 894 | 1 | | | ● | | | | | |
| BL-2-36 | | B1108 | B1109 | 895 | 1 | | | ● | | | | | |
| BL-2-18 | OFF/ON | B1403 | B1404 | 896 | 1 | | | | | ● | | RE COL. 46T | |
| BL-2-19 | | B1406 | B1407 | | 2 | | | | | ● | | | |
| BL-2-20 | | B1408 | B1409 | | 3 | | | | | ● | | | |
| BL-2-36 | | B1411 | B1412 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| BL-2-32 | LIGHTS | B1111 | B1112 | 897 | 1 | | | ● | | | | | |
| BL-2-33 | | B1113 | B1114 | 898 | 1 | | | ● | | | | | |
| BL-2-34 | | B1116 | B1117 | 899 | 1 | | | ● | | | | | |
| BL-2-35 | | B1118 | B1119 | 900 | 1 | | | ● | | | | | |
| BL-2-32 | OFF/ON | B1413 | B1414 | 901 | 1 | | | | | ● | | RE COL. 47wT | |
| BL-2-33 | | B1416 | B1417 | | 2 | | | | | ● | | | |
| BL-2-34 | | B1418 | B1419 | | 3 | | | | | ● | | | |
| BL-2-35 | | B1501 | B1502 | | 4 | | | | | ● | | | |
| BL-9-9 | | B0716 | B0717 | | 5 | | | | | ● | | | |
| | SPARE | | | | 6 | | | | | | | | |
| PO-AM | PAINT DEPARTMENT COMPRESSED AIR METER | B1201 | B1202 | 902 | 1 | | | ● | | | | | |
| ITV-56 | INSPECTION TEST VALVE | B1503 | B1504 | 903 | 1 | | | | | ● | | RE COL. 45U | |
| ITV-57 | | B1506 | B1507 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-48V | FIRE | B1301 | B1302 | 944 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1303 | B1304 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | B1518 | B1519 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1316 | B1317 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| BL-9-9 | LIGHTS | B0801 | B0802 | 1625 | 1 | | | ● | | | | RE COL 47wT | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

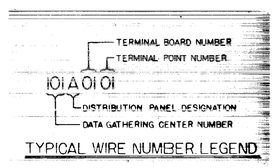
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 158 | | |

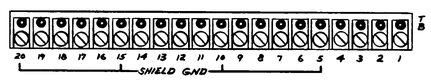
SEE SHEET E-111 FOR RDGC U-219




KEY PLAN

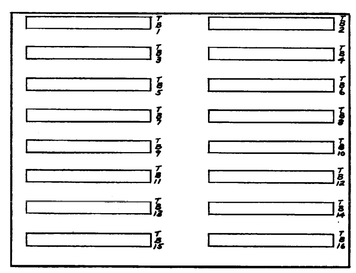



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

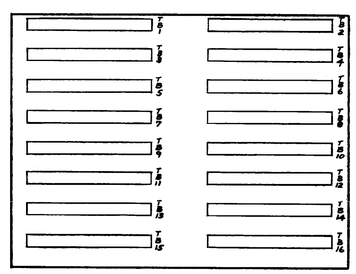
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-15-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-219

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-164
SHEET NUMBER

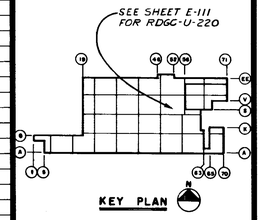
P.E.&C. 143 REV. 1-77 K&E 10 1155 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-165

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-2-43 | LIGHTING | B0501 | B0502 | 1008 | 1 | | | ● | | | | | |
| BL-2-44 | ↓ | B0503 | B0504 | 1009 | 1 | | | ● | | | | | |
| BL-2-43 | LIGHTING OFF/ON | B0701 | B0702 | 1010 | 1 | | | | | ● | | RE COL. 52V | |
| BL-2-44 | ↓ | B0703 | B0704 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| F-51-S | FIRE | B0601 | B0602 | 1012 | 1 | | | | ● | | | | |
| | TELEPHONE | | | ↓ | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| ↓ | WATCH | B0603 | B0604 | ↓ | 3 | | | | ● | | | | |
| BL-2-45 | LIGHTS | B0506 | B0507 | 1013 | 1 | | | ● | | | | | |
| BL-2-46 | ↓ | B0508 | B0509 | 1014 | 1 | | | ● | | | | | |
| BL-2-45 | LIGHTS OFF/ON | B0708 | B0709 | 1015 | 1 | | | | | ● | | RE COL 51T | |
| BL-2-46 | ↓ | B0711 | B0712 | ↓ | 2 | | | | | ● | | ↓ | |
| BL-9-10 | ↓ | B0911 | B0912 | ↓ | 3 | | | | | ● | | | |
| BL-2-48 | LIGHTS | B0511 | B0512 | 1016 | 1 | | | ● | | | | | |
| BL-3-9 | ↓ | B0513 | B0514 | 1017 | 1 | | | ● | | | | | |
| BL-2-48 | LIGHTS OFF/ON | B0713 | B0714 | 1018 | 1 | | | | | ● | | RE COL 54T | |
| BL-3-9 | ↓ | B0716 | B0717 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| BL-2-47 | LIGHTS | B0516 | B0517 | 1019 | 1 | | | ● | | | | | |
| BL-2-47 | LIGHTS OFF/ON | B0718 | B0719 | 1020 | 1 | | | | | ● | | RE COL 53T | |
| C-1 | CLOCK CORRECTION | B0706 | B0707 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| ITV-48 | INSPECTION TEST VALVE | B0801 | B0802 | 1021 | 1 | | | | | ● | | | |
| ITV-50 | ↓ | B0803 | B0804 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B0816 | B0817 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0616 | B0617 | ↓ | 2 | | | | ● | | | | ↓ |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| BL-9-13 | LIGHTS OFF/ON | B0913 | B0914 | 1626 | 1 | | | | | ● | | RE COL 53T | |
| BL-9-14 | ↓ | B0916 | B0917 | ↓ | 2 | | | | | ● | | ↓ | |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| BL-9-13 | LIGHTS | B1603 | B1604 | 1627 | 1 | | | ● | | | | | |
| BL-9-14 | | B1606 | B1607 | 1628 | 1 | | | ● | | | | | |
| BL-9-10 | ↓ | B1608 | B1609 | 1629 | 1 | | | ● | | | | RE COL 51T | |

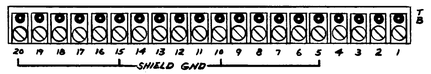
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



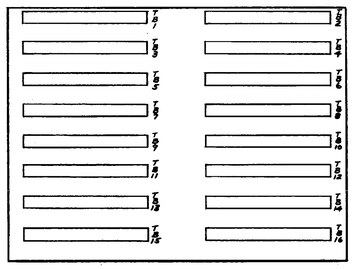

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

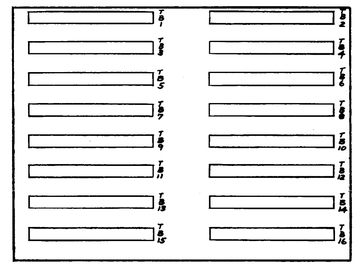
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 168 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 165 | 6-16-78 | TJ | | |
| BULL 164 | 6-15-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº-U-220

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 4-11-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KOHALE

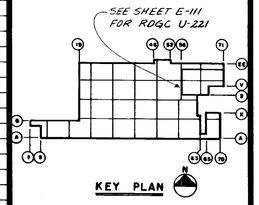
E-165
SHEET NUMBER

P.E.&C. 145 REV. 1-77 KAE 19 1133 3-77 3142x

PROJECT NO. 4500 SHEET NO. E-166

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | 80614 | 80617 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | 80901 | 80902 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| F7-BB | FIRE | B1501 | B1502 | 662 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1503 | B1504 | | 3 | | | | ● | | | | |
| F67-AA | FIRE | B1506 | B1507 | 663 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1508 | B1509 | | 3 | | | | ● | | | | |
| F68-V | FIRE | B1511 | B1512 | 664 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1513 | B1514 | | 3 | | | | ● | | | | |
| F69-V | FIRE | B1516 | B1517 | 665 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1518 | B1519 | | 3 | | | | ● | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |

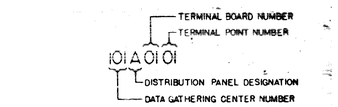



| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ERO 677 | 1-25-79 | WS | | |

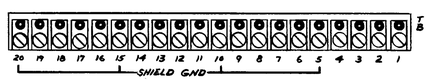
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

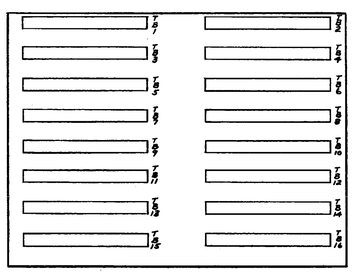



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

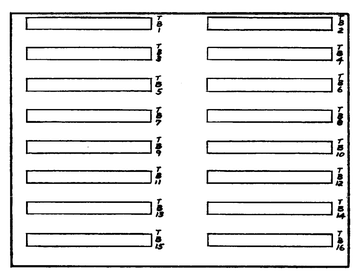
N.T.S.



EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-221

SHEET TITLE

OWNER'S IDENTIFICATION — 4500 P.E.&C. PROJECT NUMBER

DATE 6-13-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP J. KONKLE

E-166

SHEET NUMBER

P.E.&C. 149 REV. 1-77 K&E 10 1150 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-167

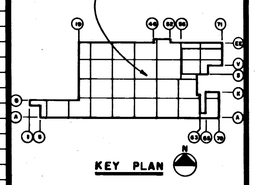
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HS-602 | HATCH NO. 602 OPEN | A0201 | A0202 | 878 | 1 | | | | ● | | | | |
| DS-R42 | DOOR NO. R-42 OPEN | A0203 | A0204 | 879 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| C2 | CLOCK CORRECTION | A0401 | A0402 | 880 | 1 | | | | | ● | | RE COL42T-MEZZ2 | FOR 3 CLOCKS IN MEZZ.2 |
| DS-R39 | DOOR NO. R-39 OPEN | A0206 | A0207 | 881 | 1 | | | | ● | | | | |
| HS-603 | HATCH NO. 603 OPEN | A0208 | A0209 | 882 | 1 | | | | ● | | | | |
| F-43V | FIRE | A0211 | A0212 | 883 | 1 | | | | ● | | | | LOCATED IN MEZZ. 2 |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0213 | A0214 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| DC-2-1 | DRY CHEM. (FRYER) | A0216 | A0217 | 884 | 1 | | | | ● | | | | |
| DC-2-2 | (CONV OVEN) | A0218 | A0219 | 885 | 1 | | | | ● | | | | |
| DC-2-3 | (FRYER) | A0306 | A0307 | 886 | 1 | | | | ● | | | | |
| F-45S | FIRE | A0301 | A0302 | 888 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0303 | A0304 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A0416 | A0417 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A0318 | A0319 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| | TONE SHIFT INDICATION | A0418 | A0419 | TG1 | 1 | | | | | ● | | | TONE GENERATOR |
| | | A0601 | A0602 | | 2 | | | | ● | | | | |
| | TONE FIRE ALARM | A0501 | A0502 | | 3 | | | | | ● | | | |
| | | A0603 | A0604 | | 4 | | | | ● | | | | |
| | TONE TORNADO ALERT | A0503 | A0504 | | 5 | | | | | ● | | | |
| | | A0606 | A0607 | | 6 | | | | ● | | | | |
| | TONE WATER FLOW CODES | A0506 | A0507 | | 7 | | | | | ● | | | |
| | | A0608 | A0609 | | 8 | | | | ● | | | | |
| | TONE GEN. OUTPUT | A0508 | A0509 | | 9 | | | | | ● | | | |
| | | A0611 | A0612 | | 10 | | | | ● | | | | |
| | MONITOR INPUT POWER | A0613 | A0614 | | 11 | | | | ● | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| | SIGNAL LINE | | | TG2 | 1 | | | | | | | | TONE GEN. TO AUDIO MODEM IN DGC. |
| | 12 V POWER | | | TG3 | 1 | | | | | | | | TONE GEN. TO BUS IN DGC. |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #168 | | |

SEE SHEET E-111 FOR RDGC-U-222



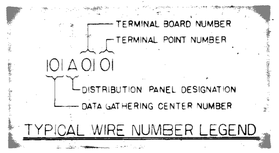
KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| ECO 329 | 5-24-78 | T.J. | | |

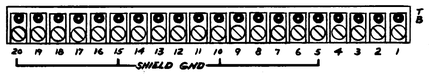
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

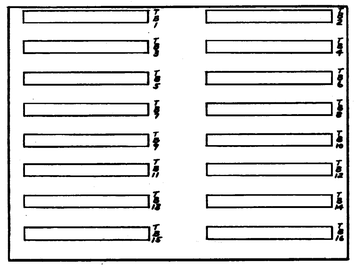



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

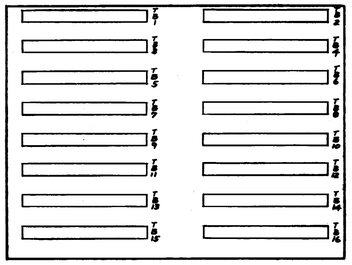
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC Nº-U-222

SHEET TITLE

OWNER'S IDENTIFICATION — 4500 P.E.&C. PROJECT NUMBER

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP T. KONKLE

E-167 SHEET NUMBER

P.E.&C. 148 REV. 1-77 K&E 10 1195 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-168

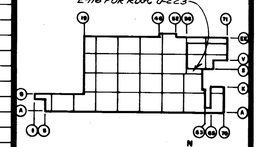
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JSS-209 | SUPPLY FAN START/STOP | B0401 | B0402 | 517 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1601 | A1602 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1603 | A1604 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1606 | A1607 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1801 | A1802 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1608 | A1609 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A1611 | A1612 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| F-6DN | FIRE | B0201 | B0202 | 518 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0203 | B0204 | | 3 | | | | ● | | | | |
| C | CLOCK CORRECTION | B0403 | B0404 | 519 | 1 | | | | | ● | | RE COL 59N | |
| OL-18 | LIGHTS | A1613 | A1614 | 520 | 1 | | | ● | | | | | |
| BL-3-10 | | A1616 | A1617 | 521 | 1 | | | ● | | | | | |
| BL-5-14 | | A1618 | A1619 | 522 | 1 | | | ● | | | | | |
| BL-5-10 | | B0101 | B0102 | 523 | 1 | | | ● | | | | | |
| BL-5-22 | | B0103 | B0104 | 524 | 1 | | | ● | | | | | |
| BL-5-18 | | B0106 | B0107 | 525 | 1 | | | ● | | | | | |
| BL-5-17 | | B0108 | B0109 | 526 | 1 | | | ● | | | | | |
| BL-5-7 | | B0111 | B0112 | 527 | 1 | | | ● | | | | | |
| OL-18 | LIGHTS OFF/ON | B0406 | B0407 | 528 | 1 | | | | | ● | | RE COL. 58N | |
| BL-3-10 | | B0408 | B0409 | | 2 | | | | | ● | | | |
| BL-5-14 | | B0411 | B0412 | | 3 | | | | | ● | | | |
| BL-5-10 | | B0413 | B0414 | | 4 | | | | | ● | | | |
| BL-5-22 | | B0416 | B0417 | | 5 | | | | | ● | | | |
| BL-5-18 | | B0418 | B0419 | | 6 | | | | | ● | | | |
| BL-5-17 | | B0501 | B0502 | | 7 | | | | | ● | | | |
| BL-5-7 | | B0503 | B0504 | | 8 | | | | | ● | | | |
| ITV-38 | INSPECT. TEST VALVE | B0506 | B0507 | | 9 | | | | | ● | | | |
| ITV-37 | | B0508 | B0509 | | 10 | | | | | ● | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | SPARE PAIR |
| F-58P | FIRE | B0206 | B0207 | 529 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0208 | B0209 | | 3 | | | | ● | | | | |
| F-62QN | FIRE | B0211 | B0212 | 530 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0213 | B0214 | | 3 | | | | ● | | | | |
| ITV-36 | INSPECT. TEST VALVE | B0511 | B0512 | 531 | 1 | | | | | ● | | RE COL 58QN | |
| ITV-47 | | B0513 | B0514 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-5-26 | LIGHTS | B0113 | B0114 | 532 | 1 | | | ● | | | | | |
| BL-5-29 | | B0116 | B0117 | 533 | 1 | | | ● | | | | | |
| BL-5-26 | LIGHTS OFF/ON | B0516 | B0517 | 534 | 1 | | | | | ● | | RE COL 56qN | |
| BL-5-29 | | B0518 | B0519 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-55,RN | FIRE | B0216 | B0217 | 535 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0218 | B0219 | | 3 | | | | ● | | | | |
| F-56WT | FIRE | B0301 | B0302 | 889 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0303 | B0304 | | 3 | | | | ● | | | | |
| F-56HS | FIRE | B0306 | B0307 | 890 | 1 | | | | ● | | | | |
| | TELPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0308 | B0309 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A1306 | A1307 | NC | 1 | | | | | | ● | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0316 | B0317 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| SCV# | VALVE OPEN | B0701 | B0702 | 1636 | 1 | | | | ● | | | | TO T.B. AT COL# 66U |
| PIV #101 | VALVE OPEN | B0703 | B0704 | | 2 | | | | ● | | | | |
| PS-101A | FIRE PROTECTION SYSTEM #101 DISCHARGED | B0706 | B0707 | | 3 | | | | ● | | | | |
| PS-101B | FIRE PROTECTION SYSTEM #101 LOW PRESS | B0708 | B0709 | | 4 | | | | ● | | | | |
| PIV 102 | VALVE OPEN | B0711 | B0712 | | 5 | | | | ● | | | | |
| PS-102A | FIRE PROTECTION SYSTEM #102 DISCHARGED | B0713 | B0714 | | 6 | | | | ● | | | | |
| PS-102B | FIRE PROTECTION SYSTEM #102 LOW PRESS | B0716 | B0717 | 1637 | 1 | | | | ● | | | | |
| PIV #103 | VALVE OPEN | B0718 | B0719 | | 2 | | | | ● | | | | |
| PS-103A | FIRE PROTECTION SYSTEM #103 DISCHARGED | B0801 | B0802 | | 3 | | | | ● | | | | |
| PS-103B | FIRE PROTECTION SYSTEM #103 LOW PRESS | B0803 | B0804 | | 4 | | | | ● | | | | |
| PIV-104 | VALVE OPEN | B0806 | B0807 | | 5 | | | | ● | | | | |
| PS-104A | FIRE PROTECTION SYSTEM #104 DISCHARGED | B0808 | B0809 | | 6 | | | | ● | | | | |
| PS-104B | FIRE PROTECTION SYSTEM #104 LOW PRESS | B0811 | B0812 | 1638 | 1 | | | | ● | | | | |
| HT-#P1 | FIRE PROTECTION SYSTEMS HOT TANK LOW TEMP ALARM | B0813 | B0814 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |

SEE SHEETS E-111 & E-116 FOR RDGC U-223



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL#174 | 7-24-78 | TJ | | |
| BULL#167 | 6-26-78 | TJ | | |
| BULL#164 | 6-13-78 | TJ | | |
| EFO326 | 5-24-78 | TJ | | |
| BULL#158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

TERMINAL BOARD NUMBER

TERMINAL POINT NUMBER

101 A 01 01

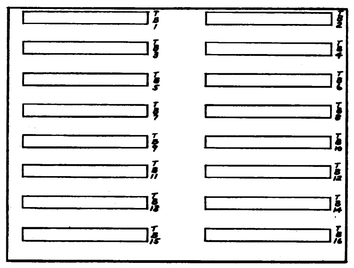
DISTRIBUTION PANEL DESIGNATION

DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

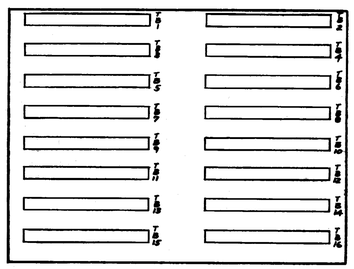
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION

MANUFACTURING STAFF

GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC Nº U-223

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P.E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

E-168

SHEET NUMBER

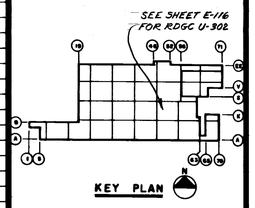
P.E.&C. 148 REV. 1-77 K&E 10 1138 3-77 3140n

PROJECT NO. 4500 SHEET NO. E-169

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-5-40 | LIGHTS | A1101 | A1102 | 501 | 1 | | | ● | | | | | |
| BL-5-43 | ↓ | A1103 | A1104 | 502 | 1 | | | ● | | | | | |
| BL-5-40 | LIGHTS OFF/ON | A0903 | A0904 | 503 | 1 | | | | | ● | | RE COL. 52N | |
| BL-5-43 | ↓ ↓ | A0906 | A0907 | | 2 | | | | | ● | | ↓ | |
| ITV-30 | INSPECTION TEST VALVE | A0908 | A0909 | | 3 | | | | | ● | | | |
| ITV-32 | ↓ ↓ ↓ | A0911 | A0912 | | 4 | | | | | ● | | | |
| ITV-49 | | A1016 | A1017 | | 5 | | | | | ● | | | |
| C1 | CLOCK CORRECTION | A0901 | A0902 | ↓ | 6 | | | | | ● | | | |
| BL-5-23 | LIGHTS | A1106 | A1107 | 504 | 1 | | | ● | | | | | |
| BL-5-32 | | A1108 | A1109 | 505 | 1 | | | ● | | | | | |
| BL-5-36 | ↓ | A1111 | A1112 | 506 | 1 | | | ● | | | | | |
| BL-5-37 | | A1113 | A1114 | 507 | 1 | | | ● | | | | | |
| BL-5-23 | LIGHTS OFF/ON | A0913 | A0914 | 508 | 1 | | | | | ● | | RE COL. 54N | |
| BL-5-32 | ↓ ↓ | A0916 | A0917 | | 2 | | | | | ● | | ↓ | |
| BL-5-36 | | A0918 | A0919 | | 3 | | | | | ● | | | |
| BL-5-37 | | A1001 | A1002 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | ↓ | 6 | | | | | | | | ↓ |
| LL-53M1 | LIGHTS | A1116 | A1117 | 509 | 1 | | | ● | | | | | |
| LL-53M2 | ↓ | A1118 | A1119 | 510 | 1 | | | ● | | | | | |
| LL-53M1 | LIGHTS OFF/ON | A1003 | A1004 | 511 | 1 | | | | | ● | | RE COL. 53N | |
| LL-53M2 | ↓ ↓ | A1006 | A1007 | | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| F-51P | FIRE | A1301 | A1302 | 512 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| ↓ | WATCH | A1303 | A1304 | ↓ | 3 | | | | ● | | | | |
| ASH-60 | SUPPLY FAN START/STOP | A1008 | A1009 | 513 | 1 | | | | | ● | | A.S.H CONTROL PNL | |
| | SUPPLY FAN | A1201 | A1202 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1203 | A1204 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1206 | A1207 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0806 | A0807 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1208 | A1209 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0808 | A0809 | | 7 | | ● | | | | | | |
| ↓ | FAN SHAFT VIB. | A1211 | A1212 | | 8 | | | ● | | | | | |
| | | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| HS-538 | HATCH NO. 538 OPEN | A1306 | A1307 | 514 | 1 | | | | ● | | | | |
| HS-518 | HATCH NO. 518 OPEN | A1308 | A1309 | 515 | 1 | | | | ● | | | | |
| HS-522 | HATCH NO. 522 OPEN | A1311 | A1312 | 516 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A1013 | A1014 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1316 | A1317 | | 2 | | | | ● | | | | ↓ |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

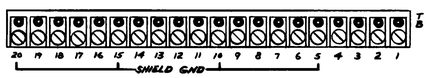
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



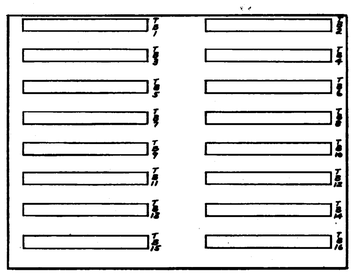

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

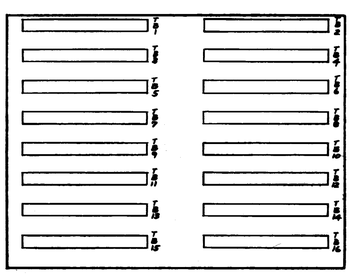
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-15-78 | TJ | | |
| BULL 167 | 6-15-78 | TJ | | |
| P.O. 3291 | 5-24-78 | T.J. | | |
| BULL 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-302

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

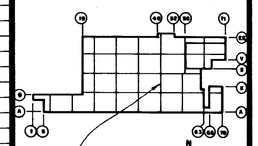
E-169
SHEET NUMBER

P.E.&C. 148 REV. 1-77 K&E 19 1198 3-77 3140n

PROJECT NO. 4500 SHEET NO. E-170

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITV-26 | INSPECTION TEST VALVE | B0901 | B0902 | 452 | 1 | | | | | ● | | RE COL. 46G | |
| ITV-27 | | B0903 | B0904 | | 2 | | | | | ● | | | |
| ITV-28 | | B1211 | B1212 | | 3 | | | | | ● | | | |
| F-46H1 | FIRE | B0601 | B0602 | 453 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0603 | B0604 | | 3 | | | | ● | | | | |
| BL-6-13 | LIGHTS | A1601 | A1602 | 454 | 1 | | | ● | | | | | |
| BL-6-17 | | A1603 | A1604 | 455 | 1 | | | ● | | | | | |
| LL-46H1 | | A1606 | A1607 | 456 | 1 | | | ● | | | | | |
| LL-46H2 | | A1608 | A1609 | 457 | 1 | | | ● | | | | | |
| BL-6-13 | OFF/ON | B0706 | B0707 | 458 | 1 | | | | | ● | | RE COL. 46J | |
| BL-6-17 | | B0708 | B0709 | | 2 | | | | | ● | | | |
| LL-46H1 | | B0711 | B0712 | | 3 | | | | | ● | | | |
| LL-46H2 | | B0713 | B0714 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-42 | SUPPLY FAN START/STOP | B0916 | B0917 | 459 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A1611 | A1612 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1613 | A1614 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1616 | A1617 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0701 | B0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1618 | A1619 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0703 | B0704 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0101 | B0102 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-43 | SUPPLY FAN START/STOP | B0918 | B0919 | 460 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0103 | B0104 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0106 | B0107 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0108 | B0109 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0706 | B0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0111 | B0112 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0708 | B0709 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0113 | B0114 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-43H1 | LIGHTS | B0116 | B0117 | 461 | 1 | | | ● | | | | | |
| LL-43H2 | | B0118 | B0119 | 462 | 1 | | | ● | | | | | |
| LL-43H1 | OFF/ON | B1001 | B1002 | 463 | 1 | | | | | ● | | RE COL. 43J | |
| LL-43H2 | | B1003 | B1004 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-6-21 | LIGHTS | B0201 | B0202 | 464 | 1 | | | ● | | | | | |
| BL-6-29 | | B0203 | B0204 | 465 | 1 | | | ● | | | | | |
| BL-6-21 | OFF/ON | B1006 | B1007 | 466 | 1 | | | | | ● | | RE COL. 44J | |
| BL-6-29 | | B1008 | B1009 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-44 | SUPPLY FAN START/STOP | B1011 | B1012 | 467 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0206 | B0207 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0208 | B0209 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0211 | B0212 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0711 | B0712 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0213 | B0214 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0713 | B0714 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0216 | B0217 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-5-45 | LIGHTS | B0218 | B0219 | 468 | 1 | | | ● | | | | | |
| BL-6-13 | | B0301 | B0302 | 469 | 1 | | | ● | | | | | |
| BL-5-45 | OFF/ON | B1013 | B1014 | 470 | 1 | | | | | ● | | RE COL. 50J | |
| BL-6-13 | | B1016 | B1017 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| C1 | CLOCK CORRECTION | B1018 | B1019 | 471 | 1 | | | | | ● | | RE COL. 49Hs | |
| LL-49H1 | LIGHTS | B0303 | B0304 | 472 | 1 | | | ● | | | | | |
| LL-49H2 | | B0306 | B0307 | 473 | 1 | | | ● | | | | | |
| LL-49H1 | OFF/ON | B1101 | B1102 | 474 | 1 | | | | | ● | | RE COL. 49J | |
| LL-49H2 | | B1103 | B1104 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-6-7 | LIGHTS | B0308 | B0309 | 475 | 1 | | | ● | | | | | |
| BL-6-10 | | B0311 | B0312 | 476 | 1 | | | ● | | | | | |
| BL-6-7 | OFF/ON | B1106 | B1107 | 477 | 1 | | | | | ● | | RE COL. 48J | |
| BL-6-10 | | B1108 | B1109 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-46 | SUPPLY FAN START/STOP | B1111 | B1112 | 478 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0313 | B0314 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0316 | B0317 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0318 | B0319 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0716 | B0717 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0401 | B0402 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0718 | B0719 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0403 | B0404 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-45 | SUPPLY FAN START/STOP | B1113 | B1114 | 479 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0406 | B0407 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0408 | B0409 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0411 | B0412 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0801 | B0802 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0413 | B0414 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0803 | B0804 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0416 | B0417 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B1208 | B1209 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0618 | B0619 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. # 158 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |

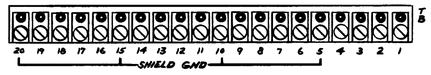
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

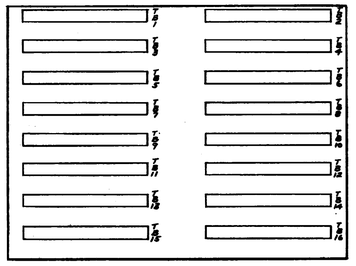
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

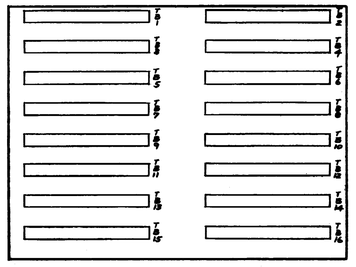
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-303

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

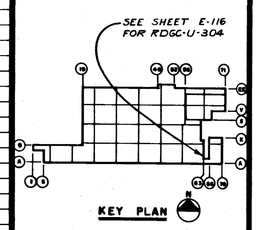
E-170
SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 10 1139 5-77 3142H

PROJECT NO. 4500 SHEET NO. E-171

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS- | DOOR NO- OPEN | B0501 | B0502 | 616 | 1 | | | | ● | | | | |
| EMERG. GEN.NO.4 | LOW FUEL LEVEL | B0508 | B0509 | 617 | 1 | | | ● | | | | | |
| | EMERG. BUS VOLTAGE | B0511 | B0512 | 618 | 1 | | | ● | | | | | |
| | EMERG. GEN. RUNNING | B0513 | B0514 | | 2 | | | ● | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | LOW BAT. VOLTAGE | B0516 | B0517 | 619 | 1 | | | ● | | | | | |
| | BAT. CHARGER AC. PWR | B0518 | B0519 | | 2 | | | ● | | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-30 | SUPPLY FAN START/STOP | B0601 | B0602 | 620 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | B0401 | B0402 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0403 | B0404 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0406 | B0407 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0408 | B0409 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT. VIB. | B0411 | B0412 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-61F | LIGHTS | B0413 | B0414 | 621 | 1 | | | ● | | | | | |
| LL-61F | LIGHTS OFF/ON | B0603 | B0604 | 622 | 1 | | | | | ● | | RE COL.61D | |
| LL-61C | LIGHTS | B0416 | B0417 | 623 | 1 | | | ● | | | | | |
| LL-61C | LIGHTS OFF/ON | B0606 | B0607 | 624 | 1 | | | | | ● | | RE COL.61C | |
| F-63A | FIRE | B0316 | B0317 | 625 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0318 | B0319 | | 3 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | B0608 | B0609 | 626 | 1 | | | | | ● | | RE COL.62A | |
| BL4-12 | LIGHTS | B0418 | B0419 | 627 | 1 | | | ● | | | | | |
| BL5-1 | | B0501 | B0502 | 628 | 1 | | | ● | | | | | |
| BL-5-3 | | B0503 | B0504 | 629 | 1 | | | ● | | | | | |
| BL-5-4 | | B0506 | B0507 | 630 | 1 | | | ● | | | | | |
| BL-412 | LIGHTS OFF/ON | B0611 | B0612 | 631 | 1 | | | | | ● | | RE COL 62B | |
| BL5-1 | | B0613 | B0614 | | 2 | | | | | ● | | | |
| BL-5-3 | | B0616 | B0617 | | 3 | | | | | ● | | | |
| BL-5-4 | | B0618 | B0619 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| | HORNS START/STOP | B0701 | B0702 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0801 | B0802 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #168 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL.168 | 6-13-78 | TJ | | |
| EFO#312 | 5-10-79 | T.J | | |

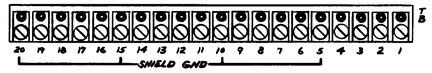
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

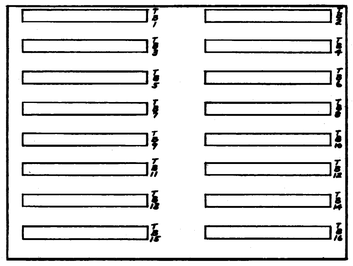
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

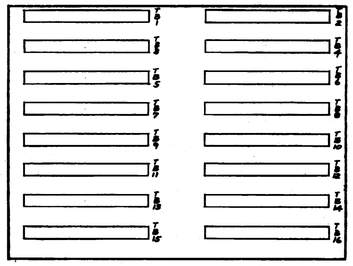
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC №U-304

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER: E-171

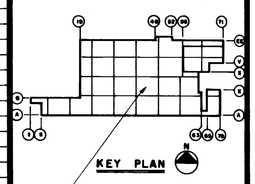
PROJECT NO. 4500 SHEET NO. E-172

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-33P | FIRE | B1201 | B1202 | 341 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1203 | B1204 | | 3 | | | | ● | | | | |
| 15-H57 | SUPPLY FAN START/STOP | B1301 | B1302 | 342 | 1 | | | | | ● | | 15.H CONTROL PNL | |
| | SUPPLY FAN | B1001 | B1002 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1003 | B1004 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1006 | B1007 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1316 | A1317 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1008 | B1009 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A1318 | A1319 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1011 | B1012 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-G-36 | LIGHTS | B1013 | B1014 | 343 | 1 | | | ● | | | | | |
| BL-G-39 | | B1016 | B1017 | 344 | 1 | | | ● | | | | | |
| LL-40-M | | B1018 | B1019 | 345 | 1 | | | ● | | | | | |
| BL-G-BB | LIGHTS OFF/ON | B1303 | B1304 | 346 | 1 | | | | | ● | | RE-COL. 40N | |
| BL-G-39 | | B1306 | B1307 | | 2 | | | | | ● | | | |
| LL-40-M | | B1308 | B1309 | | 3 | | | | | ● | | | |
| 17V-18 | INSPECT. TEST VALVE | B1311 | B1312 | | 4 | | | | | ● | | | |
| 17V-23 | | B1313 | B1314 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| C, | CLOCK CORRECTION | B1316 | B1317 | 374 | 1 | | | | | ● | | RE-COL. 41 ON | |
| F-43L | FIRE | B1206 | B1207 | 347 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1208 | B1209 | | 3 | | | | ● | | | | |
| CAM. | TRIM COMP. AIR METER | B1101 | B1102 | 348 | 1 | | | ● | | | | | |
| F-45P | FIRE | B1211 | B1212 | 349 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1213 | B1214 | | 3 | | | | ● | | | | |
| LL-43M | LIGHTS | B1103 | B1104 | 350 | 1 | | | ● | | | | | |
| BL-G-25 | | B1106 | B1107 | 351 | 1 | | | ● | | | | | |
| BL-G-22 | | B1108 | B1109 | 352 | 1 | | | ● | | | | | |
| LL-43M | LIGHTS OFF/ON | B1318 | B1319 | 353 | 1 | | | | | ● | | RE-COL. 43N | |
| BL-G-28 | | B1401 | B1402 | | 2 | | | | | ● | | | |
| BL-G-22 | | B1403 | B1404 | | 3 | | | | | ● | | | |
| BL-Z-12 | LIGHTS | B1111 | B1112 | 354 | 1 | | | ● | | | | | |
| BL-G-28 | | B1113 | B1114 | 355 | 1 | | | ● | | | | | |
| BL-G-32 | | B1116 | B1117 | 356 | 1 | | | ● | | | | | |
| BL-Z-12 | LIGHTS OFF/ON | B1406 | B1407 | 357 | 1 | | | | | ● | | RE-COL. 42N | |
| BL-G-28 | | B1408 | B1409 | | 2 | | | | | ● | | | |
| BL-G-32 | | B1411 | B1412 | | 3 | | | | | ● | | | |
| | HORNS START/STOP | B1418 | B1419 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1501 | B1502 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 168 | 6-11-78 | T.J. | | |

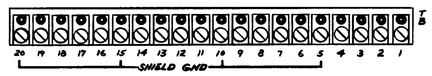
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

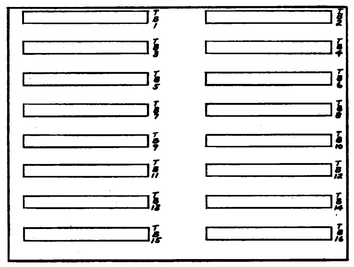
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

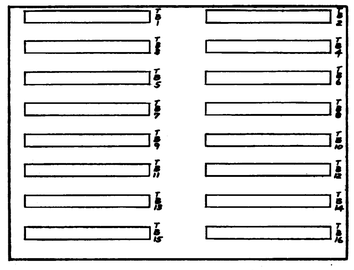
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-305

SHEET TITLE

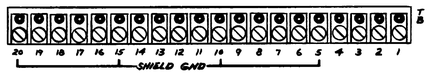
| | |
|---|---|
| OWNER'S IDENTIFICATION | 4500 P. E. & C. PROJECT NUMBER |
| DATE 3-14-78 | |
| DRAWN BY D.J.T. | E-172 |
| JOB CAPT. J. WALDROP J. KONKLE | SHEET NUMBER |

PROJECT NO. 4500 SHEET NO. E-173

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITV-60 | INSPECTION TEST VALVE | B0801 | B0802 | 479 | 1 | | | | | ● | | RE COL. 46-P | |
| ITV-85 | ↓ | B0803 | B0804 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-58 | SUPPLY FAN START/STOP | B0806 | B0807 | 480 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0406 | B0407 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0408 | B0409 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0411 | B0412 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0711 | A0712 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0413 | B0414 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A0713 | A0714 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0416 | B0417 | | 8 | | | ● | | | | | |
| | | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| BL-6-14 | LIGHTS | B0418 | B0419 | 481 | 1 | | | ● | | | | | |
| BL-6-5 | | B0501 | B0502 | 482 | 1 | | | ● | | | | | |
| BL-6-18 | | B0503 | B0504 | 483 | 1 | | | ● | | | | | |
| BL-6-19 | | B0506 | B0507 | 484 | 1 | | | ● | | | | | |
| LL-46M | ↓ | B0508 | B0509 | 485 | 1 | | | ● | | | | | |
| BL-6-14 | LIGHTS OFF/ON | B0808 | B0809 | 486 | 1 | | | | | ● | | RE COL. 46N | |
| BL-6-5 | | B0811 | B0812 | | 2 | | | | | ● | | | |
| BL-6-18 | | B0813 | B0814 | | 3 | | | | | ● | | | |
| BL-6-19 | | B0816 | B0817 | | 4 | | | | | ● | | | |
| LL-46M | ↓ | B0818 | B0819 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | ↓ | 9 | | | | | | | | |
| BL-2-37 | LIGHTS | B0511 | B0512 | 487 | 1 | | | ● | | | | | |
| BL-6-8 | | B0513 | B0514 | 488 | 1 | | | ● | | | | | |
| BL-6-11 | ↓ | B0516 | B0517 | 489 | 1 | | | ● | | | | | |
| BL-2-37 | LIGHTS OFF/ON | B0906 | B0907 | 490 | 1 | | | | | ● | | RE COL. 48N | |
| BL-6-8 | | B0908 | B0909 | | 2 | | | | | ● | | | |
| BL-6-11 | ↓ | B0911 | B0912 | ↓ | 3 | | | | | ● | | ↓ | |
| LL-49M | LIGHTS | B0518 | B0519 | 491 | 1 | | | ● | | | | | |
| LL-49M | LIGHTS OFF/ON | B0915 | B0916 | 492 | 1 | | | | | ● | | RE COL. 49N | |
| F-49L | FIRE | B0701 | B0702 | 493 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0703 | B0704 | ↓ | 3 | | | | ● | | | | |
| BL-6-4 | LIGHTS | B0601 | B0602 | 494 | 1 | | | ● | | | | | |
| BL-6-46 | ↓ | B0603 | B0604 | 495 | 1 | | | ● | | | | | |
| BL-6-4 | LIGHTS OFF/ON | B0916 | B0917 | 496 | 1 | | | | | ● | | RE COL. 50N | |
| BL-6-46 | ↓ | B0918 | B0919 | | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| ITV-31 | INSPECTION TEST VALVE | B1001 | B1002 | 497 | 1 | | | | | ● | | RE COL 48-P | |
| ITV-58 | ↓ | B1003 | B1004 | | 2 | | | | | ● | | | |
| | | | | ↓ | 3 | | | | | | | ↓ | SPARE PAIR |
| F-49W | FIRE | B0706 | B0707 | 498 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0708 | B0709 | ↓ | 3 | | | | ● | | | | |
| ASH-59 | SUPPLY FAN START/STOP | B1006 | B1007 | 499 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0606 | B0607 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0608 | B0609 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0611 | B0612 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0716 | A0717 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0613 | B0614 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0718 | A0719 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0616 | B0617 | | 8 | | | ● | | | | | |
| | | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B1201 | B1202 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0716 | B0717 | | 2 | | | | ● | | | | |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| BL-4-11 | LIGHTS OFF/ON | B1203 | B1204 | 1630 | 1 | | | | | ● | | RE COL 50N | |
| BL-4-12 | ↓ | B1206 | B1207 | | 2 | | | | | ● | | | |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| BL-4-11 | LIGHTS | A0601 | A0602 | 1631 | 1 | | | ● | | | | | |
| BL-4-12 | ↓ | A0603 | A0604 | 1632 | 1 | | | ● | | | | | |

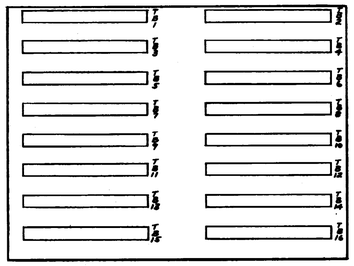
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

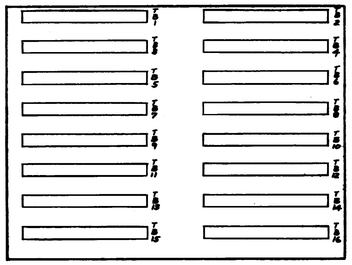
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

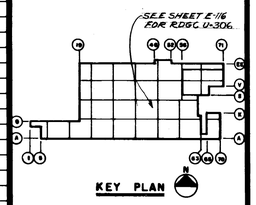


DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 162 | 7-18-78 | TJ | | |
| BULL 162 | 6-16-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| BULL 158 | 4-11-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-306

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONILE

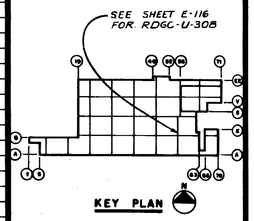
E-173
SHEET NUMBER

P.E.&C. 148 REV. 1-77 KBC 19 1198 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-174

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-539 | LIGHTS | A1001 | A1002 | 536 | 1 | | | ● | | | | | |
| BL-542 | ↓ | A1003 | A1004 | 537 | 1 | | | ● | | | | | |
| BL-539 | LIGHTS OFF/ON | B0201 | B0202 | 538 | 1 | | | | | ● | | RE COL.52J | |
| BL-542 | ↓ ↓ ↓ | B0203 | B0204 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-47 | SUPPLY FAN START/STOP | B0206 | B0207 | 539 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1006 | A1007 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1008 | A1009 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1011 | A1012 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0101 | B0102 | | 5 | | ● | | | | | | |
| | FREEZE STAT. | A1013 | A1014 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | B0103 | B0104 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1016 | A1017 | | 8 | | | ● | | | | | |
| | ↓ | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| ASH-48 | SUPPLY FAN START/STOP | B0208 | B0209 | 540 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1018 | A1019 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1101 | A1102 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1103 | A1104 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0106 | B0107 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1106 | A1107 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | B0108 | B0109 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB | A1108 | A1109 | | 8 | | | ● | | | | | |
| | ↓ | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| LL-54H | LIGHTS | A1111 | A1112 | 541 | 1 | | | ● | | | | | |
| LL-54H | LIGHTS OFF/ON | B0211 | B0212 | 542 | 1 | | | | | ● | | RE COL. 53H | |
| CI | CLOCK CORRECTION | B0213 | B0214 | | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| BL-531 | LIGHTS | A1115 | A1116 | 543 | 1 | | | ● | | | | | |
| BL-535 | ↓ | A1116 | A1117 | 544 | 1 | | | ● | | | | | |
| BL-531 | LIGHTS OFF/ON | B0216 | B0217 | 545 | 1 | | | | | ● | | RE COL. 54J | |
| BL-535 | ↓ ↓ ↓ | B0218 | B0219 | ↓ | 2 | | | | | ● | | ↓ | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| SUB-4B | TRANS. TEMP. (HIGH) | A1118 | A1119 | 546 | 1 | | | ● | | | | | |
| | TRANS. PRESS. (LOW) | A1201 | A1202 | | 2 | | | ● | | | | | |
| | TRANS. VOLT. (UNDER) | A1203 | A1204 | | 3 | | | ● | | | | | |
| | KWHR METER | A1206 | A1207 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A1208 | A1209 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A1211 | A1212 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A1213 | A1214 | | 7 | | | ● | | | | | |
| | FEEDER BKR 4B-1 | A1216 | A1217 | | 8 | | | ● | | | | | SPARE BREAKER |
| | FEEDER BKR 4B-2 | A1218 | A1219 | | 9 | | | ● | | | | | BUS DUCT #4B-2 |
| | FEEDER BKR 4B-3 | A1606 | A1607 | | 10 | | | ● | | | | | BUS DUCT #4B-3 |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | ↓ | 12 | | | | | | | | ↓ |
| SUB-4D | TRANS. TEMP. (HIGH) | A1301 | A1302 | 547 | 1 | | | ● | | | | | |
| | TRANS PRESS (LOW) | A1303 | A1304 | | 2 | | | ● | | | | | |
| | TRANS VOLT. (UNDER) | A1306 | A1307 | | 3 | | | ● | | | | | |
| | KWHR METER | A1308 | A1309 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A1311 | A1312 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A1313 | A1314 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A1316 | A1317 | | 7 | | | ● | | | | | |
| | FEEDER BKR 4D-1 | A1318 | A1319 | | 8 | | | ● | | | | | BUS DUCT #4D-1 |
| | FEEDER BKR 4D-2 | A1401 | A1402 | | 9 | | | ● | | | | | BUS DUCT #4D-2 |
| | FEEDER BKR 4D-3 | A1403 | A1404 | | 10 | | | ● | | | | | BUS DUCT #4D-3 |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | ↓ | 12 | | | | | | | | ↓ |
| ASH-50 | SUPPLY FAN START/STOP | B0301 | B0302 | 548 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1406 | A1407 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1408 | A1409 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1411 | A1412 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0111 | B0112 | | 5 | | ● | | | | | | |
| | FREEZE STAT. | A1413 | A1414 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | B0113 | B0114 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1416 | A1417 | | 8 | | | ● | | | | | |
| | ↓ | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| BL-516 | LIGHTS | A1418 | A1419 | 549 | 1 | | | ● | | | | | |
| BL-521 | ↓ | A1501 | A1502 | 550 | 1 | | | ● | | | | | |
| LL-58J | ↓ | A1503 | A1504 | 551 | 1 | | | ● | | | | | |
| BL-516 | LIGHTS OFF/ON | B0303 | B0304 | 552 | 1 | | | | | ● | | RE COL. 58J | |
| BL-521 | ↓ ↓ ↓ | B0306 | B0307 | | 2 | | | | | ● | | ↓ | |
| LL-58J | ↓ | B0308 | B0309 | ↓ | 3 | | | | | ● | | ↓ | |
| BL-525 | LIGHTS | A1506 | A1507 | 553 | 1 | | | ● | | | | | |
| BL-528 | ↓ | A1508 | A1509 | 554 | 1 | | | ● | | | | | |
| BL-525 | LIGHTS OFF/ON | B0311 | B0312 | 555 | 1 | | | | | ● | | RE COL.56J | |
| BL-528 | ↓ ↓ ↓ | B0313 | B0314 | | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| ASH-49 | SUPPLY FAN START/STOP | B0316 | B0317 | 556 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1511 | A1512 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1513 | A1514 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1516 | A1517 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | B0116 | B0117 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1518 | A1519 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0118 | B0119 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1601 | A1602 | | 8 | | | ● | | | | | |
| | ↓ | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| LL-55H | LIGHTS OFF/ON | B0318 | B0319 | 557 | 1 | | | | | ● | | RE COL 55H | |
| LL-55H | LIGHTS | A1603 | A1604 | 140 | 1 | | | ● | | | | | |
| | HORNS START/STOP | B0406 | B0407 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0701 | B0702 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | PULL. #168 | | |

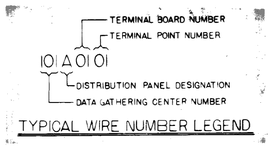



| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL. 68 | 7-8-76 | TJ | | |
| BULL. 164 | 6-13-78 | TJ | | |

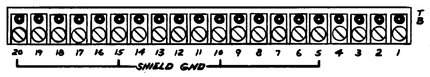
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

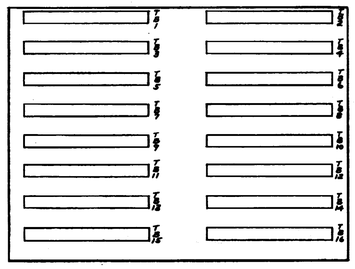



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

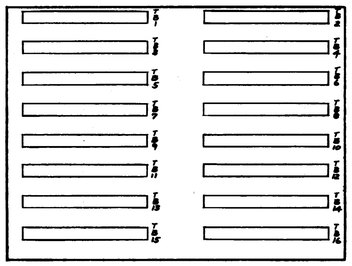
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC Nº U 308

SHEET TITLE

OWNER'S IDENTIFICATION — P.E. & C. PROJECT NUMBER: 4500

DATE

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER: E-174

P.E. & C. 148 REV. 1-77 K&E 19 1198 3-77 3140H

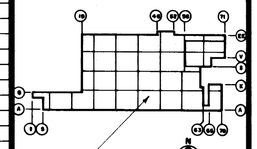
PROJECT NO. 4500 SHEET NO. E-175

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-39-H | LIGHTS | B0801 | B0802 | 358 | 1 | | | ● | | | | | |
| LL-39-H | LIGHTS OFF/ON | B1301 | B1302 | 359 | 1 | | | | | ● | | RE-COL. 39 J | |
| BL-6-35 | LIGHTS | B0803 | B0804 | 360 | 1 | | | ● | | | | | |
| BL-6-35 | ↓ | B0806 | B0807 | 361 | 1 | | | ● | | | | | |
| BL-6-35 | LIGHTS OFF/ON | B1303 | B1304 | 362 | 1 | | | | | ● | | RE-COL. 40 J | |
| BL-6-35 | ↓ | B1306 | B1307 | | 2 | | | | | ● | | ↓ | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-61 | SUPPLY FAN START/STOP | B1308 | B1309 | 363 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0808 | B0809 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0811 | B0812 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0813 | B0814 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0811 | A0812 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0816 | B0817 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A0813 | A0814 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0818 | B0819 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-37 | LIGHTS | B0901 | B0902 | 364 | 1 | | | ● | | | | | |
| BL-6-27 | ↓ | B0903 | B0904 | 365 | 1 | | | ● | | | | | |
| BL-6-37 | LIGHTS OFF/ON | B1311 | B1312 | 366 | 1 | | | | | ● | | RE-COL. 42 J | |
| BL-6-27 | ↓ | B1313 | B1314 | | 2 | | | | | ● | | ↓ | |
| $C_1$ | CLOCK CORRECTION | B1316 | B1317 | | 3 | | | | | ● | | ↓ | |
| LL-41-H | LIGHTS | B0906 | B0907 | 367 | 1 | | | ● | | | | | |
| LL-41-H | LIGHTS OFF/ON | B1318 | B1319 | 368 | 1 | | | | | ● | | RE-COL. 41 J | |
| SUB-3A | TRANS. TEMP.-HIGH | B0908 | B0909 | 369 | 1 | | | ● | | | | | |
| | TRANS. PRES.-LOW | B0911 | B0912 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER | B0913 | B0914 | | 3 | | | ● | | | | | |
| | KWHR METER | B0916 | B0917 | | 4 | | | ● | | | | | |
| | KVAR-HR. METER | B0918 | B0919 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B1001 | B1002 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B1003 | B1004 | | 7 | | | ● | | | | | |
| | FEEDER BRKR 3A1 | B1006 | B1007 | | 8 | | | ● | | | | | |
| | 3A2 | B1008 | B1009 | | 9 | | | ● | | | | | |
| | 3A3 | B1011 | B1012 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-3C | TRANS. TEMP.-HIGH | B1013 | B1014 | 370 | 1 | | | ● | | | | | |
| | TRANS. PRES.-LOW | B1016 | B1017 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER | B1018 | B1019 | | 3 | | | ● | | | | | |
| | KWHR METER | B1101 | B1102 | | 4 | | | ● | | | | | |
| | KVAR-HR. METER | B1103 | B1104 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | B1106 | B1107 | | 6 | | | ● | | | | | |
| | TIE BREAKER | B1108 | B1109 | | 7 | | | ● | | | | | |
| | FEEDER BRKR 3C1 | B1111 | B1112 | | 8 | | | ● | | | | | |
| | 3C2 | B1113 | B1114 | | 9 | | | ● | | | | | |
| | 3C3 | B1116 | B1117 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| F-401-H | FIRE | B1501 | B1502 | 371 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1503 | B1504 | | 3 | | | | ● | | | | |
| TV-22 | INSPECT. TEST VALVE | B1401 | B1402 | 372 | 1 | | | | | ● | | RE-COL. 39H | |
| | | | | | | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| HS-512 | HATCH NO. 512 OPEN | B1506 | B1507 | 373 | 1 | | | | ● | | | | |
| DS-R26 | DOOR NO. R-26 OPEN | B1508 | B1509 | 374 | 1 | | | | ● | | | | |
| HS-536 | HATCH NO. 536 OPEN | B1511 | B1512 | 375 | 1 | | | | ● | | | | |
| $C_1$ | CLOCK CORRECTION | B1406 | B1407 | 376 | 1 | | | | | ● | | RE-COL 39H | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ASH-18 | SUPPLY FAN START/STOP | B1408 | B1409 | 377 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B1118 | B1119 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1201 | B1202 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1203 | B1204 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0816 | A0817 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1206 | B1207 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A0818 | A0819 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1208 | B1209 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-39E | LIGHTS | B1211 | B1212 | 378 | 1 | | | ● | | | | | |
| BL-6-37 | | B1213 | B1214 | 379 | 1 | | | ● | | | | | |
| BL-6-34 | | B1216 | B1217 | 380 | 1 | | | ● | | | | | |
| LL-39E | LIGHTS OFF/ON | B1411 | B1412 | 381 | 1 | | | | | ● | | RE-COL. 40 D | |
| BL-6-37 | | B1413 | B1414 | | 2 | | | | | ● | | | |
| BL-6-34 | ↓ | B1416 | B1417 | | 3 | | | | | ● | | ↓ | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | HORNS START/STOP | B1418 | B1419 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1518 | B1519 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #155 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL #8 | 7-18-78 | T.J. | | |
| BULL #4 | 6-13-78 | T.J. | | |
| ECO 334 | 5-24-78 | T.J. | | |
| BULL #5 | 4-11-78 | T.J. | | |

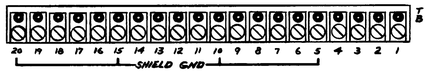
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

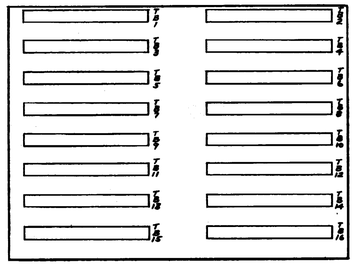
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

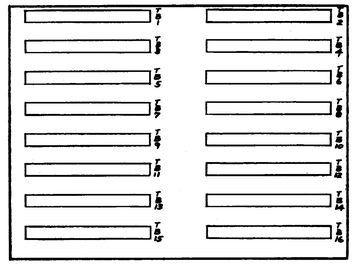
N.T.S.




EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-309

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-175
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-176

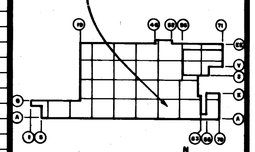
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS-1 | DOOR NO1 OPEN | A0501 | A0502 | 421 | 1 | | | | ● | | | | |
| F52A | FIRE | A0503 | A0504 | 422 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0506 | A0507 | | 3 | | | | ● | | | | |
| FS-29 | FLOW SWITCH | A0508 | A0509 | 423 | 1 | | | | ● | | | | |
| FS-30 | | A0511 | A0512 | 424 | 1 | | | | ● | | | | |
| FS-31 | | A0513 | A0514 | 425 | 1 | | | | ● | | | | |
| PIV-29 | VALVE CLOSED | A0516 | A0517 | 426 | 1 | | | | ● | | | | |
| PIV-30 | | A0518 | A0519 | | 2 | | | | ● | | | | |
| PIV-31 | | A0601 | A0602 | | 3 | | | | ● | | | | |
| SCV-7 | | A0603 | A0604 | | 4 | | | | ● | | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| BL-6-6 | LIGHTS | A0106 | A0107 | 427 | 1 | | | ● | | | | | |
| BL-6-9 | | A0108 | A0109 | 428 | 1 | | | ● | | | | | |
| BL-6-6 | LIGHTS OFF/ON | A0801 | A0802 | 429 | 1 | | | | | ● | | RE COL. 48D | |
| BL-6-9 | | A0803 | A0804 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-23 | SUPPLY FAN START/STOP | A0806 | A0807 | 430 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0111 | A0112 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0113 | A0114 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0116 | A0117 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0701 | A0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT. | A0118 | A0119 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0703 | A0704 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0201 | A0202 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-49E | FIRE | A0606 | A0607 | 431 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0608 | A0609 | | 3 | | | | ● | | | | |
| LL-49E1 | LIGHTS | A0203 | A0204 | 432 | 1 | | | ● | | | | | |
| LL-49E2 | | A0206 | A0207 | 433 | 1 | | | ● | | | | | |
| LL-49E1 | LIGHTS OFF/ON | A0805 | A0806 | 434 | 1 | | | | | ● | | RE COL. 49D | |
| LL-49E2 | | A0811 | A0812 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-5-33 | LIGHTS | A0208 | A0209 | 435 | 1 | | | ● | | | | | |
| BL-5-44 | | A0211 | A0212 | 436 | 1 | | | ● | | | | | |
| BL-6-2 | | A0213 | A0214 | 437 | 1 | | | ● | | | | | |
| BL-5-33 | LIGHTS OFF/ON | A0813 | A0814 | 438 | 1 | | | | | ● | | RE COL. 50D | |
| BL-5-44 | | A0816 | A0817 | | 2 | | | | | ● | | | |
| BL-6-2 | | A0818 | A0819 | | 3 | | | | | ● | | | |
| ASH-24 | SUPPLY FAN START/STOP | A0916 | A0917 | 439 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0216 | A0217 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0218 | A0219 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0301 | A0302 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0706 | A0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT. | A0303 | A0304 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | A0708 | A0709 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0306 | A0307 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-25 | SUPPLY FAN START/STOP | A0918 | A0919 | 440 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0308 | A0309 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0311 | A0312 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0313 | A0314 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0711 | A0712 | | 5 | | ● | | | | | | |
| | FREEZE STAT. | A0316 | A0317 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | A0713 | A0714 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0318 | A0319 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-5-41 | LIGHTS | A0401 | A0402 | 441 | 1 | | | ● | | | | | |
| BL-5-48 | | A0403 | A0404 | 442 | 1 | | | ● | | | | | |
| LL-53C | | A0406 | A0407 | 443 | 1 | | | ● | | | | | |
| BL-5-41 | LIGHTS OFF/ON | A1001 | A1002 | 444 | 1 | | | | | ● | | RE COL. 52D | |
| BL-5-48 | | A1003 | A1004 | | 2 | | | | | ● | | | |
| LL-53C | | A0901 | A0902 | | 3 | | | | | ● | | | |
| LL-51E | LIGHTS | A0408 | A0409 | 445 | 1 | | | ● | | | | | |
| LL-51E | LIGHTS OFF/ON | A0903 | A0904 | 446 | 1 | | | | | ● | | RE COL. 51D | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| F52H | FIRE | A0611 | A0612 | 447 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0613 | A0614 | | 3 | | | | ● | | | | |
| LL-51H | LIGHTS | A0411 | A0412 | 448 | 1 | | | ● | | | | | |
| LL-52H | | A0413 | A0414 | 449 | 1 | | | ● | | | | | |
| LL-51H | LIGHTS OFF/ON | A0906 | A0907 | 450 | 1 | | | | | ● | | RE COL. 52H | |
| LL-52H | | A0908 | A0909 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ITV-29 | INSPECT. TEST VALVE | A0911 | A0912 | 451 | 1 | | | | | ● | | RE COL. 51G | |
| ITV-34 | | A0918 | A0919 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| HS-604 | HATCH NO. 604 OPEN | A0616 | A0617 | 876 | 1 | | | | ● | | | | |
| HS-605 | HATCH NO. 605 OPEN | A0616 | A0611 | 877 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A1101 | A1102 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1201 | A1202 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL #158 | | |

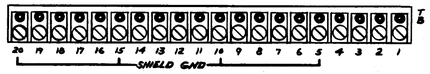
SEE SHEET E-116 FOR RDGC-U-310



KEY PLAN

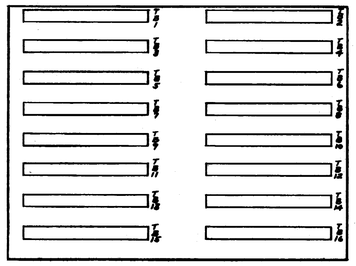
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

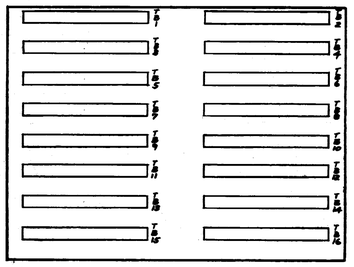
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| ERO 324 | 5-24-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº-U-310

SHEET TITLE

OWNER'S IDENTIFICATION

P.E. & C. PROJECT NUMBER: 4500

DATE

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP J. KONKLE

SHEET NUMBER: E-176

P.E.&C. 148 REV. 1-77 K&E 19 1198 3-77 3142H

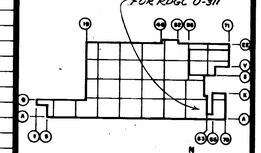
PROJECT NO. 4500 SHEET NO. E-177

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-60K | FIRE | A1101 | A1102 | 558 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1103 | A1104 | | 3 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | A1501 | A1502 | 559 | 1 | | | | | ● | | RE COL. 60K | |
| F-63J | FIRE | A1106 | A1107 | 560 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1108 | A1109 | | 3 | | | | ● | | | | |
| BL-5-2 | LIGHTS | A1201 | A1202 | 561 | 1 | | | ● | | | | | |
| BL-5-5 | | A1203 | A1204 | 562 | 1 | | | ● | | | | | |
| BL-5-2 | OFF/ON | A1503 | A1504 | 563 | 1 | | | | | ● | | RE COL. 62J | |
| BL-5-5 | | A1506 | A1507 | | 2 | | | | | ● | | | |
| ITV-38 | INSPECTION TEST VALVE | A1508 | A1509 | | 3 | | | | | ● | | | |
| ASH-51 | SUPPLY FAN START/STOP | A1611 | A1512 | 564 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A1206 | A1207 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1208 | A1209 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1211 | A1212 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0211 | A0212 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1213 | A1214 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A0213 | A0214 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1216 | A1217 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-5-6 | LIGHTS | A1218 | A1219 | 565 | 1 | | | ● | | | | | |
| BL-5-9 | | A1301 | A1302 | 566 | 1 | | | ● | | | | | |
| BL-5-12 | | A1303 | A1304 | 567 | 1 | | | ● | | | | | |
| BL-5-13 | | A1306 | A1307 | 568 | 1 | | | ● | | | | | |
| BL-5-6 | OFF/ON | A1613 | A1614 | 569 | 1 | | | | | ● | | RE COL. 60J | |
| BL-5-9 | | A1616 | A1617 | | 2 | | | | | ● | | | |
| BL-5-12 | | A1618 | A1619 | | 3 | | | | | ● | | | |
| BL-5-13 | | A1601 | A1602 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| F-58H | FIRE | A1111 | A1112 | 570 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1113 | A1114 | | 3 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | A1603 | A1604 | 571 | 1 | | | | | ● | | RE COL. 58H | |
| ITV-33 | INSPECTION TEST VALVE | A1606 | A1607 | 572 | 1 | | | | | ● | | RE COL. 58G | |
| ITV-37 | | A1608 | A1609 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-29 | SUPPLY FAN START/STOP | A1611 | A1612 | 573 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A1308 | A1309 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1311 | A1312 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1313 | A1314 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1316 | A1317 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1318 | A1319 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-5-8 | LIGHTS | A1401 | A1402 | 574 | 1 | | | ● | | | | | |
| BL-5-11 | | A1403 | A1404 | 575 | 1 | | | ● | | | | | |
| BL-5-8 | OFF/ON | A1613 | A1614 | 576 | 1 | | | | | ● | | RE COL. 60D | |
| BL-5-11 | | A1616 | A1617 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-60E | FIRE | A1116 | A1117 | 577 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1118 | A1119 | | 3 | | | ● | | | | | |
| | HORNS START/STOP | B0101 | B0102 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0201 | B0202 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| PL-2 | LIGHT OFF/ON | B0103 | B0104 | 1633 | 1 | | | | | ● | | RE COL 62J | |
| | SPARE | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| PL-2 | LIGHTS | A1406 | A1407 | 1634 | 1 | | | ● | | | | | |
| | | | | 1648 | 1 | | | | | | | RE COL 52G | SPARE PAIR |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |

P.E.&C. 145 REV. 1-77 K&E 10 1138 5-77 3140a

| DATE | ISSUED | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL | | |

SEE SHEET E-116 FOR RDGC U-311



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-15-78 | TJ | | |
| BULL 165 | 6-16-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| BULL 156 | 4-11-78 | TJ | | |

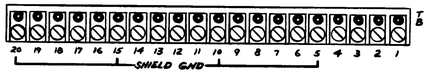
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

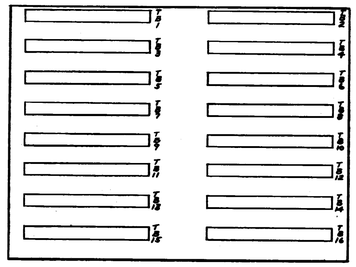
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

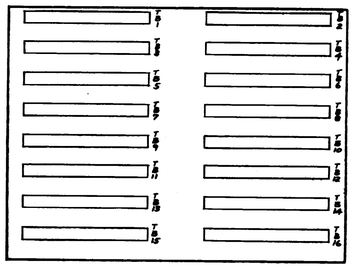
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-311

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KOVALE

SHEET NUMBER: E-177

PROJECT NO. 4500 SHEET NO. E-178

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FG92 | FIRE | A0601 | A0602 | 1 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0603 | A0604 | | 3 | | | | ● | | | | |
| PIV-92 | VALVE CLOSED | A0716 | A0717 | 2 | 1 | | | | ● | | | | T.B AT COL A-70 |
| PS-101 | FIRE LINE PRESSURE | A0506 | A0507 | | 2 | | | | ● | | | | T.B AT COL A-70 |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-201 | SUPPLY FAN START/STOP | A0901 | A0902 | 3 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A0108 | A0109 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0111 | A0112 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0113 | A0114 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0801 | A0802 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0116 | A0117 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A0118 | A0119 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| BL-4-1 | LIGHTS OFF/ON | A0903 | A0904 | 4 | 1 | | | | | ● | | RE COL. G7B | |
| BL-4-3 | | A0906 | A0907 | | 2 | | | | | ● | | | |
| BL-4-4 | | A0908 | A0909 | | 3 | | | | | ● | | | |
| BL-4-6 | | A0911 | A0912 | | 4 | | | | | ● | | | |
| BL-4-8 | | A0913 | A0914 | | 5 | | | | | ● | | | |
| BL-4-10 | | A0916 | A0917 | | 6 | | | | | ● | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| BL-4-1 | LIGHTS | A0201 | A0202 | 5 | 1 | | | ● | | | | | |
| BL-4-3 | | A0203 | A0204 | 6 | 1 | | | ● | | | | | |
| BL-4-4 | | A0206 | A0207 | 7 | 1 | | | ● | | | | | |
| BL-4-6 | | A0208 | A0209 | 8 | 1 | | | ● | | | | | |
| BL-4-8 | | A0211 | A0212 | 9 | 1 | | | ● | | | | | |
| BL-4-10 | | A0213 | A0214 | 10 | 1 | | | ● | | | | | |
| DV-40 | DELUGE VALVE-OPEN | A0608 | A0609 | 11 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| DS-3 | DOOR NO. 3 OPEN | A0511 | A0512 | 12 | 1 | | | | ● | | | | |
| PIV-40 | VALVE CLOSED | A0513 | A0514 | 13 | 1 | | | | ● | | | | |
| SCV-1 | | A0516 | A0517 | | 2 | | | | ● | | | | |
| SCV-2 | | A0518 | A0519 | | 3 | | | | ● | | | | |
| SCV-3 | | A0601 | A0602 | | 4 | | | | ● | | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| FS40 | FLOW SWITCH | A0603 | A0604 | 14 | 1 | | | | ● | | | | |
| ITV-40 | INSPECT. TEST VALVE | A0918 | A0919 | 15 | 1 | | | | | ● | | RE COL. G6A | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| PIV-41 | VALVE CLOSED | A0606 | A0607 | 16 | 1 | | | | ● | | | | |
| FS-41 | FLOW SWITCH | A0608 | A0609 | 17 | 1 | | | | ● | | | | |
| ASH-202 | SUPPLY FAN START/STOP | A1001 | A1002 | 18 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A0210 | A0211 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0218 | A0219 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0301 | A0302 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0806 | A0807 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0303 | A0304 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A0306 | A0307 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| BL-4-2 | LIGHTS OFF/ON | A1003 | A1004 | 19 | 1 | | | | | ● | | RE COL G7F | |
| BL-4-5 | | A1006 | A1007 | | 2 | | | | | ● | | | |
| BL-4-7 | | A1008 | A1009 | | 3 | | | | | ● | | | |
| BL-4-9 | | A1011 | A1012 | | 4 | | | | | ● | | | |
| BL-4-11 | | A1013 | A1014 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| BL-4-2 | LIGHTS | A0308 | A0309 | 20 | 1 | | | ● | | | | | |
| BL-4-5 | | A0311 | A0312 | 21 | 1 | | | ● | | | | | |
| BL-4-7 | | A0313 | A0314 | 22 | 1 | | | ● | | | | | |
| BL-4-9 | | A0316 | A0317 | 23 | 1 | | | ● | | | | | |
| BL-4-11 | | A0318 | A0319 | 24 | 1 | | | ● | | | | | |
| FG7F | FIRE | A0611 | A0612 | 25 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0613 | A0614 | | 3 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | A1016 | A1017 | 26 | 1 | | | | | ● | | RE COL. G9G | |
| ITV-61 | INSPECT. TEST VALVE | A1018 | A1019 | 27 | 1 | | | | | ● | | RE COL. G6G | |
| ITV-42 | | A1101 | A1102 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-203 | SUPPLY FAN START/STOP | A1103 | A1104 | 28 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | A0601 | A0602 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0603 | A0604 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0406 | A0407 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0811 | A0812 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0408 | A0409 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A0411 | A0412 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| PIV-42 | VALVE CLOSED | A0616 | A0617 | 29 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| FS-42 | FLOW SWITCH | A0618 | A0619 | 30 | 1 | | | | ● | | | | |
| SCV-4 | VALVE CLOSED | A0701 | A0702 | 31 | 1 | | | | ● | | | | |
| C1 | GATE HOUSE CLOCK CORRECTION | A1106 | A1107 | 32 | 1 | | | | | ● | | RE IN GATE HOUSE | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| FG7K | FIRE | A0703 | A0704 | 33 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0705 | A0707 | | 3 | | | | ● | | | | |
| SD-1 | SMOKE DETECTOR-ZONE 1 | A0708 | A0709 | 35 | 1 | | | | ● | | | | FOAM STORAGE AREA |
| SD-2 | ZONE 2 | A0711 | A0712 | | 2 | | | | ● | | | | |
| SD-3 | ZONE 3 | A0713 | A0714 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A1201 | A1202 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1301 | A1302 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

P.E.&C. 149 REV. 1-77 KAE 19 1198 3-77 3140M

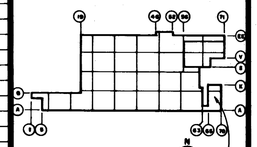
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |
| BULL#68 | 7-18-78 | T.J. | |
| EFO 324 | 5-24-78 | T.J. | |
| EFO 322 | 5-10-78 | T.J. | |
| BUL. 156 | 4-11-78 | T.J. | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS



KEY PLAN

SEE SHEET E-117 FOR RDGC-U-312

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

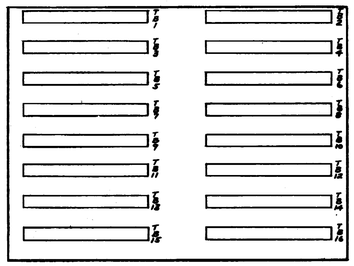
DATE

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

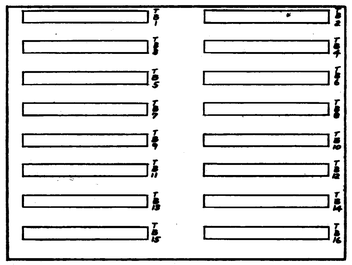
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC Nº U-312

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

E-178
SHEET NUMBER

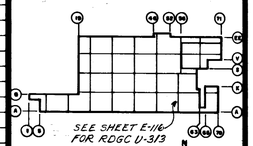
PROJECT NO. 4500 SHEET NO. E-179

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-56wE | FIRE | B0701 | B0702 | 578 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0703 | B0704 | | 3 | | | | ● | | | | |
| C2 | CLOCK CORRECTION | B1101 | B1102 | 579 | 1 | | | | | ● | | RE COL. 53C | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| DS-R29 | DOOR NO R-29 OPEN | B0706 | B0707 | 580 | 1 | | | | ● | | | | |
| F-55wF | FIRE | B0708 | B0709 | 581 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0711 | B0712 | | 3 | | | | ● | | | | |
| DC-3-1 | DRY CHEM. MEZZ. #3 | B0712 | B0714 | 582 | 1 | | | | ● | | | | |
| DC-3-2 | | B0716 | B0717 | 583 | 1 | | | | ● | | | | |
| DC-3-3 | | B0718 | B0719 | 584 | 1 | | | | ● | | | | |
| LL-54C | LIGHTS | B0311 | B0312 | 585 | 1 | | | ● | | | | | |
| BL-5-30 | | B0313 | B0314 | 586 | 1 | | | ● | | | | | |
| BL-5-34 | | B0316 | B0317 | 587 | 1 | | | ● | | | | | |
| LL-54C | LIGHTS OFF/ON | B1103 | B1104 | 588 | 1 | | | | | ● | | RE COL. 55D | |
| BL-5-30 | | B1106 | B1107 | | 2 | | | | | ● | | | |
| BL-5-34 | | B1108 | B1109 | | 3 | | | | | ● | | | |
| ASH-26 | SUPPLY FAN START/STOP | B1111 | B1112 | 589 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0318 | B0319 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0401 | B0402 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0403 | B0404 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0206 | A0207 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0406 | B0407 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0208 | A0209 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0408 | B0409 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-5-24 | LIGHTS | B0411 | B0412 | 590 | 1 | | | ● | | | | | |
| BL-5-27 | | B0413 | B0414 | 591 | 1 | | | ● | | | | | |
| BL-5-24 | LIGHTS OFF/ON | B1113 | B1114 | 592 | 1 | | | | | ● | | RE COL. 56D | |
| BL-5-27 | | B1116 | B1117 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-27 | SUPPLY FAN START/STOP | B1118 | B1119 | 593 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0416 | B0417 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0418 | B0419 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0501 | B0502 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0211 | A0212 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0503 | B0504 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0213 | A0214 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0506 | B0507 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-59F | LIGHTS | B0508 | B0509 | 594 | 1 | | | ● | | | | | |
| LL-59F | LIGHTS OFF/ON | B1201 | B1202 | 595 | 1 | | | | | ● | | RE COL. 59D | |
| BL-5-15 | LIGHTS | B0511 | B0512 | 596 | 1 | | | ● | | | | | |
| BL-5-19 | | B0513 | B0514 | 597 | 1 | | | ● | | | | | |
| BL-5-20 | | B0516 | B0517 | 598 | 1 | | | ● | | | | | |
| LL-58E | | B0518 | B0519 | 599 | 1 | | | ● | | | | | |
| BL-5-15 | LIGHTS OFF/ON | B1203 | B1204 | 600 | 1 | | | | | ● | | RE COL. 58D | |
| BL-5-19 | | B1206 | B1207 | | 2 | | | | | ● | | | |
| BL-5-20 | | B1208 | B1209 | | 3 | | | | | ● | | | |
| LL-58E | | B1211 | B1212 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-28 | SUPPLY FAN START/STOP | B1213 | B1214 | 601 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0601 | B0602 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0603 | B0604 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0606 | B0607 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0608 | B0609 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0611 | B0612 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| C2 | CLOCK CORRECTION | B1216 | B1217 | 602 | 1 | | | | | ● | | RE COL. 55A | |
| FS-32 | FLOW SWITCH | B0801 | B0802 | 603 | 1 | | | | ● | | | | |
| FS-33 | | B0803 | B0804 | 604 | 1 | | | | ● | | | | |
| FS-34 | | B0806 | B0807 | 605 | 1 | | | | ● | | | | |
| FS-35 | | B0808 | B0809 | 606 | 1 | | | | ● | | | | |
| PIV-32 | VALVE CLOSED | B0811 | B0812 | 607 | 1 | | | | ● | | | | |
| PIV-33 | | B0813 | B0814 | | 2 | | | | ● | | | | |
| PIV-34 | | B0816 | B0817 | | 3 | | | | ● | | | | |
| PIV-35 | | B0818 | B0819 | | 4 | | | | ● | | | | |
| SCV-6 | | B0901 | B0902 | | 5 | | | | ● | | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| WM | GENERAL SOUTH PLANT WATER METER | B0613 | B0614 | 608 | 1 | | | ● | | | | | |
| DS-2 | DOOR SWITCH | B0903 | B0904 | 609 | 1 | | | | ● | | | | |
| FS-36 | FLOW SWITCH | B0906 | B0907 | 610 | 1 | | | | ● | | | | |
| FS-37 | | B0908 | B0909 | 611 | 1 | | | | ● | | | | |
| FS-38 | | B0911 | B0912 | 612 | 1 | | | | ● | | | | |
| FS-39 | | B0913 | B0914 | 613 | 1 | | | | ● | | | | |
| F-58A | FIRE | B0916 | B0917 | 614 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0918 | B0919 | | 3 | | | | ● | | | | |
| PIV-36 | VALVE CLOSED | B1001 | B1002 | 615 | 1 | | | | ● | | | | |
| PIV-37 | | B1003 | B1004 | | 2 | | | | ● | | | | |
| PIV-38 | | B1006 | B1007 | | 3 | | | | ● | | | | |
| PIV-39 | | B1008 | B1009 | | 4 | | | | ● | | | | |
| SCV-5 | | B1011 | B1012 | | 5 | | | | ● | | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B1301 | B1302 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1401 | B1402 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| ITV-35 | INSPECTION TEST VALVE | B1303 | B1304 | 1646 | 1 | | | | | ● | | | |
| ITV-39 | | B1306 | B1307 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| DS-R90 | DOOR SWITCH | B1403 | B1404 | 1687 | 1 | | | | | ● | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |

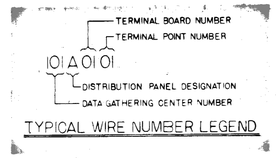



| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| ERO 4771 | 1-25-79 | W.S. | | |
| BULL 168 | 7-18-78 | T.J. | | |
| BULL 164 | 6-13-78 | T.J. | | |
| ERO 3209 | 5-24-78 | T.J. | | |
| BULL 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

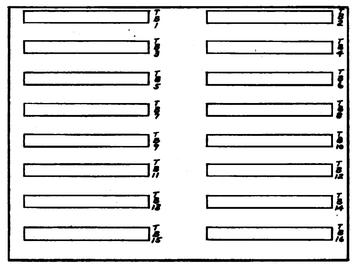
DRAWING CERTIFIED BY — DATE




TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

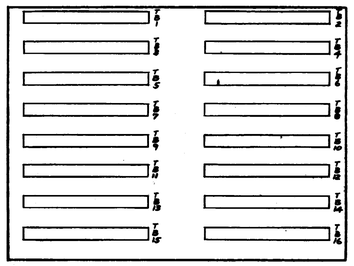
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-313

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONALE

E-179
SHEET NUMBER

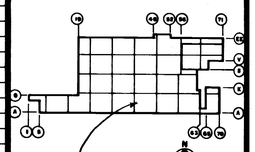
P.E.&C. 145 REV. 1-77 K&E 19 1198 3-77 3140H

PROJECT NO. 4500 SHEET NO. E-180

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-19 | SUPPLY FAN START/STOP | A1101 | A1102 | 382 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0106 | A0107 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0108 | A0109 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0111 | A0112 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1001 | A1002 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0113 | A0114 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1003 | A1004 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0116 | A0117 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-26 | LIGHTS | A0118 | A0119 | 383 | 1 | | | ● | | | | | |
| BL-6-30 | | A0201 | A0202 | 384 | 1 | | | ● | | | | | |
| BL-6-26 | LIGHTS OFF/ON | A1103 | A1104 | 385 | 1 | | | | | ● | | RE COL. 42D | |
| BL-6-30 | | A1106 | A1107 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-20 | SUPPLY FAN START/STOP | A1108 | A1109 | 386 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0203 | A0204 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0206 | A0207 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0208 | A0209 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1006 | A1007 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0211 | A0212 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1008 | A1009 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0213 | A0214 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-43E | FIRE | A0701 | A0702 | 387 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0703 | A0704 | | 3 | | | | ● | | | | |
| LL-43-E1 | LIGHTS | A0216 | A0217 | 388 | 1 | | | ● | | | | | |
| LL-43-E2 | | A0218 | A0219 | 389 | 1 | | | ● | | | | | |
| LL-43-E1 | LIGHTS OFF/ON | A1111 | A1112 | 390 | 1 | | | | | ● | | RE COL. 43D | |
| LL-43-E2 | | A1113 | A1114 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-21 | SUPPLY FAN START/STOP | A1116 | A1117 | 391 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0301 | A0302 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0303 | A0304 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0306 | A0307 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1011 | A1012 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0308 | A0309 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1013 | A1014 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0311 | A0312 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-20 | LIGHTS | A0313 | A0314 | 392 | 1 | | | ● | | | | | |
| BL-6-23 | | A0316 | A0317 | 393 | 1 | | | ● | | | | | |
| BL-6-20 | LIGHTS OFF/ON | A1118 | A1119 | 394 | 1 | | | | | ● | | RE COL. 44D | |
| BL-6-23 | | A1201 | A1202 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| OL-16 | LIGHTS | A0318 | A0319 | 395 | 1 | | | ● | | | | | |
| OL-17 | | A0401 | A0402 | 396 | 1 | | | ● | | | | | |
| LL-47E | | A0403 | A0404 | 397 | 1 | | | ● | | | | | |
| OL-16 | LIGHTS OFF/ON | A1203 | A1204 | 398 | 1 | | | | | ● | | RE COL. 47wD | |
| OL-17 | | A1206 | A1207 | | 2 | | | | | ● | | | |
| LL-47E | | A1208 | A1209 | | 3 | | | | | ● | | | |
| ASH-22 | SUPPLY FAN START/STOP | A1211 | A1212 | 399 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | A0406 | A0407 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0408 | A0409 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0411 | A0412 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1016 | A1017 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0413 | A0414 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1018 | A1019 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0416 | A0417 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-1 | LIGHTS | A0418 | A0419 | 400 | 1 | | | ● | | | | | |
| BL-6-12 | | A0501 | A0502 | 401 | 1 | | | ● | | | | | |
| BL-6-15 | | A0503 | A0504 | 402 | 1 | | | ● | | | | | |
| BL-6-16 | | A0506 | A0507 | 403 | 1 | | | ● | | | | | |
| LL-46E | | A0505 | A0509 | 404 | 1 | | | ● | | | | | |
| BL-6-1 | LIGHTS OFF/ON | A1213 | A1214 | 405 | 1 | | | | | ● | | RE COL. 46D | |
| BL-6-12 | | A1216 | A1217 | | 2 | | | | | ● | | | |
| BL-6-15 | | A1218 | A1219 | | 3 | | | | | ● | | | |
| BL-6-16 | | A1301 | A1302 | | 4 | | | | | ● | | | |
| LL-46E | | A1303 | A1304 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| F-40A | FIRE | A0706 | A0707 | 406 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0708 | A0709 | | 3 | | | | ● | | | | |
| SUB-AB | TRANS. TEMP. HIGH | A0611 | A0612 | 407 | 1 | | | ● | | | | | |
| | TRANS. PRESS. LOW | A0613 | A0614 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0615 | A0617 | | 3 | | | ● | | | | | |
| | KWHR METER | A0618 | A0619 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0601 | A0602 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0603 | A0604 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A0606 | A0607 | | 7 | | | ● | | | | | |
| | FEEDER BREAKER AB-1 | A0608 | A0609 | | 8 | | | ● | | | | | |
| | FEEDER BREAKER AB-2 | A0611 | A0612 | | 9 | | | ● | | | | | |
| | FEEDER BREAKER AB-3 | A0613 | A0616 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| C1 | CLOCK CORRECTION | A1306 | A1307 | 408 | 1 | | | | | ● | | RE COL. 44A | |
| FS-26 | FLOW SWITCH | A0711 | A0712 | 409 | 1 | | | | ● | | | | |
| FS-27 | | A0713 | A0714 | 410 | 1 | | | | ● | | | | |
| FS-28 | | A0716 | A0717 | 411 | 1 | | | | ● | | | | |
| SCV-8 | VALVE CLOSED | A0718 | A0719 | 412 | 1 | | | | ● | | | | |
| SCV-9 | | A0801 | A0802 | | 2 | | | | ● | | | | |
| PIV-22 | | A0803 | A0804 | | 3 | | | | ● | | | | |
| PIV-23 | | A0806 | A0807 | | 4 | | | | ● | | | | |
| PIV-24 | | A0808 | A0809 | | 5 | | | | ● | | | | |
| PIV-25 | | A0811 | A0812 | | 6 | | | | ● | | | | |
| PIV-26 | | A0813 | A0814 | | 7 | | | | ● | | | | |
| PIV-27 | | A0816 | A0817 | | 8 | | | | ● | | | | |
| PIV-28 | | A0818 | A0819 | | 9 | | | | ● | | | | |
| | | | | | 10 | | | | | | | | SPARE PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| F-46A | FIRE | A0901 | A0902 | 413 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0903 | A0904 | | 3 | | | | ● | | | | |
| FS-22 | FLOW SWITCH | A0906 | A0907 | 414 | 1 | | | | ● | | | | |
| FS-23 | | A0908 | A0909 | 415 | 1 | | | | ● | | | | |
| FS-24 | | A0911 | A0912 | 416 | 1 | | | | ● | | | | |
| FS-25 | | A0713 | A0714 | 417 | 1 | | | | ● | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | HORN CONTROL ENCLOSURE |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | B0513 | B0514 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A0418 | A0419 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



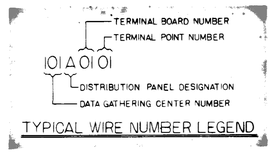

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-11-76 | BULL. #158 | | |
| BULL 164 | 6-13-78 | TJ | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

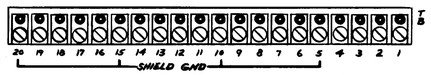
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

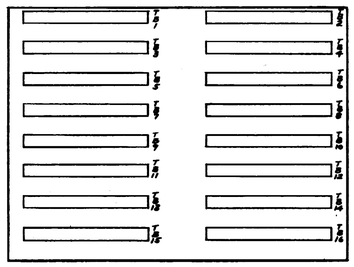



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

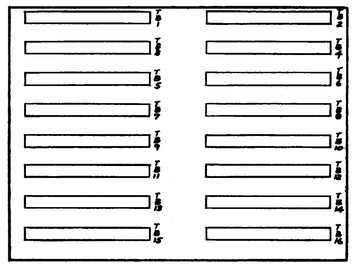
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-315

SHEET TITLE

OWNER'S IDENTIFICATION — P. E. & C. PROJECT NUMBER: 4500

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KOHKLE

SHEET NUMBER: E-180

P.E.&C. 145 REV. 1-77 KGC 19 1198 3-77 3140M

PROJECT NO. 4500 SHEET NO. E-181

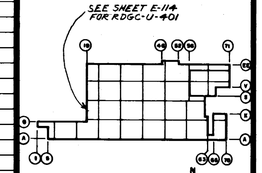
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-31 | SUPPLY FAN START/STOP | B0601 | B0602 | 212 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0601 | B0602 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0603 | B0604 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0606 | B0607 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0211 | A0212 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0608 | B0609 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0213 | A0214 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0611 | B0612 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-20L | FIRE | B1101 | B1102 | 213 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1103 | B1104 | | 3 | | | | ● | | | | |
| C2 | CLOCK CORRECTION | B0903 | B0904 | 214 | 1 | | | | | ● | | RE COL. 21M | IN CEILING OF MEZZ #1 |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| BL-7-50 | LIGHTS | B0613 | B0614 | 215 | 1 | | | ● | | | | | |
| BL-7-53 | | B0616 | B0617 | 216 | 1 | | | ● | | | | | |
| OL-6 | | B0618 | B0619 | 217 | 1 | | | ● | | | | | |
| OL-7 | | B0701 | B0702 | 218 | 1 | | | ● | | | | | |
| OL-8 | | B0703 | B0704 | 219 | 1 | | | ● | | | | | |
| BL-7-50 | LIGHTS OFF/ON | B0906 | B0907 | 220 | 1 | | | | | ● | | RE COL. 20N | |
| BL-7-53 | | B0908 | B0909 | | 2 | | | | | ● | | | |
| OL-6 | | B0911 | B0912 | | 3 | | | | | ● | | | |
| OL-7 | | B0913 | B0914 | | 4 | | | | | ● | | | |
| OL-8 | | B0916 | B0917 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| F-QS19 | FIRE | B1106 | B1107 | 222 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1108 | B1109 | | 3 | | | | ● | | | | |
| ASH-32 | SUPPLY FAN START/STOP | B1001 | B1002 | 223 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | B0706 | B0707 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0708 | B0709 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0711 | B0712 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0713 | B0714 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0716 | B0717 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-7-33 | LIGHTS | B0718 | B0719 | 224 | 1 | | | ● | | | | | |
| BL-7-42 | | B0801 | B0802 | 225 | 1 | | | ● | | | | | |
| BL-7-46 | | B0803 | B0804 | 226 | 1 | | | ● | | | | | |
| BL-7-47 | | B0806 | B0807 | 227 | 1 | | | ● | | | | | |
| BL-7-33 | LIGHTS OFF/ON | B1003 | B1004 | 228 | 1 | | | | | ● | | RE COL. 22N | |
| BL-7-42 | | B1006 | B1007 | | 2 | | | | | ● | | | |
| BL-7-46 | | B1008 | B1009 | | 3 | | | | | ● | | | |
| BL-7-47 | | B1011 | B1012 | | 4 | | | | | ● | | | |
| ITV-7 | INSPECTION TEST VALVE | B1013 | B1014 | | 5 | | | | | ● | | | |
| ITV-9 | | B1016 | B1017 | | 6 | | | | | ● | | | |
| C1 | CLOCK CORRECTION | B0918 | B0919 | | 7 | | | | | ● | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| DS-R23 | DOOR NO. R-23 OPEN | B1111 | B1112 | 340 | 1 | | | | ● | | | | |
| | HORNS STOP/START | B1308 | B1309 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1118 | B1119 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL #165 | | |

SEE SHEET E-114 FOR RDGC-U-401



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| CFO 324 | 5-24-78 | T.J. | | |
| BULL 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

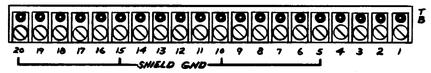
FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

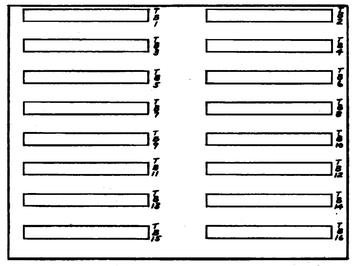
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

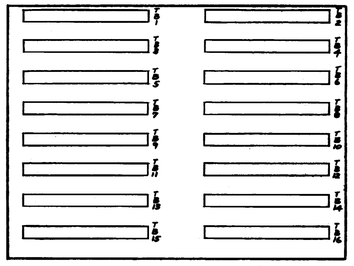
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº U-401

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-181
SHEET NUMBER

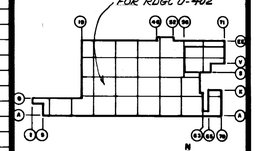
P.E.&C. 149 REV. 1-77 KOKE 19 1198 3-77 3142m

PROJECT NO. 4500 SHEET NO. E-182

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LL-31-J | LIGHTS OFF/ON | B0101 | B0102 | 240 | 1 | | | | | ● | | RE COL-31W J | |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| LL-31-J | LIGHTS | B0501 | B0502 | 241 | 1 | | | ● | | | | | |
| BL-7-13 | | B0503 | B0504 | 242 | 1 | | | ● | | | | | |
| BL-7-17 | | B0506 | B0507 | 243 | 1 | | | ● | | | | | |
| LL-29-J | | B0508 | B0509 | 244 | 1 | | | ● | | | | | |
| LL-29-K | | B0511 | B0512 | 245 | 1 | | | ● | | | | | |
| BL-7-13 | LIGHTS OFF/ON | B0103 | B0104 | 246 | 1 | | | | | ● | | RE COL 30J | |
| BL-7-17 | | B0106 | B0107 | | 2 | | | | | ● | | | |
| LL-29-J | | B0108 | B0109 | | 3 | | | | | ● | | | |
| LL-29-K | | B0111 | B0112 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-35 | SUPPLY FAN START/STOP | B0113 | B0114 | 247 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0513 | B0514 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0516 | B0517 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0518 | B0519 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0401 | B0402 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0601 | B0602 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0403 | B0404 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0603 | B0604 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-36 | SUPPLY FAN START/STOP | B0116 | B0117 | 248 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | B0606 | B0607 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0608 | B0609 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0611 | B0612 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0406 | B0407 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0613 | B0614 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0408 | B0409 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0616 | B0617 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-31E-L | FIRE | B0901 | B0902 | 249 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0903 | B0904 | | 3 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | B0118 | B0119 | 250 | 1 | | | | | ● | | RE COL. 31WP | |
| HS-537 | HATCH NO. 537 OPEN | B0906 | B0907 | 251 | 1 | | | | ● | | | | |
| HS-517 | HATCH NO. 517 OPEN | B0908 | B0909 | 252 | 1 | | | | ● | | | | |
| BL-722 | LIGHTS | B0618 | B0619 | 253 | 1 | | | ● | | | | | |
| BL-725 | | B0701 | B0702 | 254 | 1 | | | ● | | | | | |
| BL-722 | LIGHTS OFF/ON | B0201 | B0202 | 255 | 1 | | | | | ● | | RE COL. 28P | |
| BL-725 | | B0203 | B0204 | | 2 | | | | | ● | | | |
| ITV-11 | INSPECTION TEST VALVE | B0206 | B0207 | | 3 | | | | | ● | | | |
| ITV-15 | | B0208 | B0209 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| BL-7-8 | LIGHTS | B0703 | B0704 | 256 | 1 | | | ● | | | | | |
| BL-7-11 | | B0706 | B0707 | 257 | 1 | | | ● | | | | | |
| BL-7-8 | LIGHTS OFF/ON | B0211 | B0212 | 258 | 1 | | | | | ● | | RE COL.-32N | |
| BL-7-11 | | B0213 | B0214 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-7-5 | LIGHTS | B0708 | B0709 | 259 | 1 | | | ● | | | | | |
| BL-7-14 | | B0711 | B0712 | 260 | 1 | | | ● | | | | | |
| BL-7-18 | | B0713 | B0714 | 261 | 1 | | | ● | | | | | |
| BL-7-19 | | B0716 | B0717 | 262 | 1 | | | ● | | | | | |
| BL-7-5 | LIGHTS OFF/ON | B0216 | B0217 | 263 | 1 | | | | | ● | | RE COL.-30N | |
| BL-7-14 | | B0218 | B0219 | | 2 | | | | | ● | | | |
| BL-7-18 | | B0301 | B0302 | | 3 | | | | | ● | | | |
| BL-7-19 | | B0303 | B0304 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-54 | SUPPLY FAN START/STOP | B0306 | B0307 | 811 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | B0718 | B0719 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0801 | B0802 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0803 | B0804 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0411 | B0412 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0806 | B0807 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0413 | B0414 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0808 | B0809 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-28P | FIRE | B0911 | B0912 | 812 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0913 | B0914 | | 3 | | | | ● | | | | |
| F-31E-QM | FIRE | B0916 | B0917 | 813 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0918 | B0919 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | B0318 | B0319 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1001 | B1002 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |

SEE SHEET E-114 FOR RDGC U-402



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| FRO 324 | 5-24-78 | T.J. | | |
| BULL 168 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

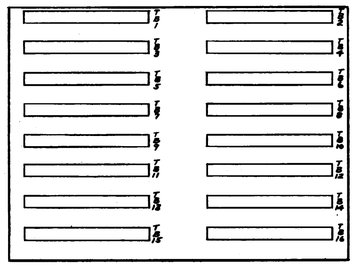
DRAWING CERTIFIED BY — DATE

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

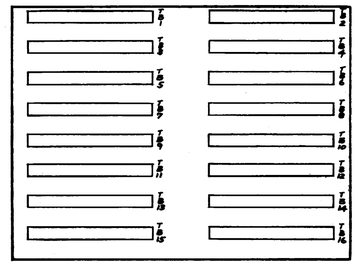
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-402

SHEET TITLE

OWNER'S IDENTIFICATION — 4500 P.E.&C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP, J. KOHLE

E-182

SHEET NUMBER

P.E.&C. 149 REV. 1-77 K&C 19 1199 3-77 3142a

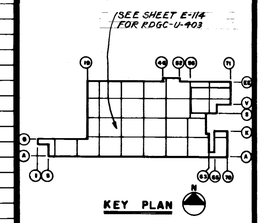
PROJECT NO. 4500 SHEET NO. E-183

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-28HN | FIRE | A1001 | A1002 | 194 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1003 | A1004 | | 3 | | | | ● | | | | |
| BL-7-21 | LIGHTS | A0401 | A0402 | 195 | 1 | | | ● | | | | | |
| BL-7-24 | | A0403 | A0404 | 196 | 1 | | | ● | | | | | |
| LL-27K | | A0406 | A0407 | 197 | 1 | | | ● | | | | | |
| BL-7-21 | LIGHTS OFF/ON | A1201 | A1202 | 198 | 1 | | | | | ● | | RE COL. 27J | |
| BL-7-24 | | A1203 | A1204 | | 2 | | | | | ● | | | |
| LL-27K | | A1206 | A1207 | | 3 | | | | | ● | | | |
| BL-7-27 | LIGHTS | A0408 | A0409 | 199 | 1 | | | ● | | | | | |
| BL-7-31 | | A0411 | A0412 | 200 | 1 | | | ● | | | | | |
| BL-7-27 | LIGHTS OFF/ON | A1208 | A1209 | 201 | 1 | | | | | ● | | RE COL 26J | |
| BL-7-31 | | A1211 | A1212 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| C1 | CLOCK CORRECTION | A1213 | A1214 | 202 | 1 | | | | | ● | | RE COL. 25J | |
| SUB-2B | TRANS. TEMP.-HIGH | A0413 | A0414 | 203 | 1 | | | ● | | | | | |
| | TRANS PRESS-LOW | A0416 | A0417 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0418 | A0419 | | 3 | | | ● | | | | | |
| | KWHR METER | A0501 | A0502 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0503 | A0504 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0506 | A0507 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A0508 | A0509 | | 7 | | | ● | | | | | |
| | FEEDER BKR. 2B-1 | A0511 | A0512 | | 8 | | | ● | | | | | |
| | FEEDER BKR. 2B-2 | A0513 | A0514 | | 9 | | | ● | | | | | |
| | FEEDER BKR 2B-3 | A0516 | A0517 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| SUB-2D | TRANS. TEMP.-HIGH | A0618 | A0619 | 204 | 1 | | | ● | | | | | |
| | TRANS. PRESS.-LOW | A0601 | A0602 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0603 | A0604 | | 3 | | | ● | | | | | |
| | KWHR METER | A0606 | A0607 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0608 | A0609 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0611 | A0612 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A0613 | A0614 | | 7 | | | ● | | | | | |
| | FEEDER BKR. 2D-1 | A0616 | A0617 | | 8 | | | ● | | | | | |
| | FEEDER BKR. 2D-2 | A0618 | A0619 | | 9 | | | ● | | | | | |
| | FEEDER BKR. 2D-3 | A0701 | A0702 | | 10 | | | ● | | | | | |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| ASH-33 | SUPPLY FAN START/STOP | A1216 | A1217 | 205 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0703 | A0704 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0706 | A0707 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0708 | A0709 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1401 | A1402 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0711 | A0712 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1403 | A1404 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0713 | A0714 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-34 | SUPPLY FAN START/STOP | A1218 | A1219 | 206 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0716 | A0717 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0718 | A0719 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0801 | A0802 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1406 | A1407 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0803 | A0804 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1408 | A1409 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0806 | A0807 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-23K | FIRE | A1006 | A1007 | 207 | 1 | | | | ● | | | | IN MEZZ. #1 |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1008 | A1009 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| ASH-32 | SUPPLY FAN START/STOP | A1301 | A1302 | 208 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0808 | A0809 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0811 | A0812 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0813 | A0814 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1411 | A1412 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0816 | A0817 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1413 | A1414 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0818 | A0819 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-25L | FIRE | A1011 | A1012 | 209 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1013 | A1014 | | 3 | | | | ● | | | | |
| LL-26L | LIGHTS | A0901 | A0902 | 210 | 1 | | | ● | | | | | |
| LL-26L | LIGHTS OFF/ON | A1308 | A1306 | 211 | 1 | | | | | ● | | RE COL. 25L | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| HS-600 | HATCH NO. 600 OPEN | A1016 | A1017 | 335 | 1 | | | | ● | | | | IN MEZZ. #1 |
| HS-601 | HATCH NO. 601 OPEN | A1018 | A1019 | 336 | 1 | | | | ● | | | | |
| DC-1-1 | DRY CHEM. MEZZ. #1 | A1101 | A1102 | 337 | 1 | | | | ● | | | | |
| DC-1-2 | | A1103 | A1104 | 338 | 1 | | | | ● | | | | |
| DC-1-3 | | A1106 | A1107 | 339 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A1318 | A1319 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1118 | A1119 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 159 | 5-24-78 | T.J. | | |
| BULL 156 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY **G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-403

SHEET TITLE

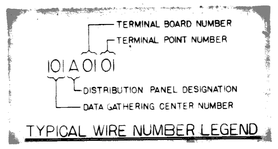
OWNER'S IDENTIFICATION — P. E. & C. PROJECT NUMBER: 4500

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KONVALE

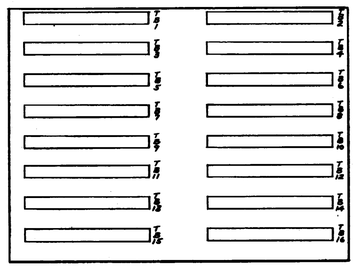
SHEET NUMBER: E-183




TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

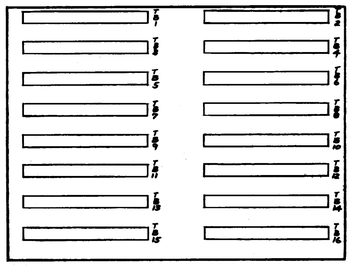
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

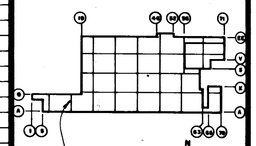
N.T.S.

PROJECT NO. 4500 SHEET NO. E-184

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-8-1 | LIGHTS OFF/ON | B0101 | B0102 | 105 | 1 | | | | | ● | | RE-COL. 18F | |
| BL-8-2 | ↓ ↓ | B0103 | B0104 | | 2 | | | | | ● | | ↓ ↓ ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| BL-8-1 | LIGHTS | A1101 | A1102 | 106 | 1 | | | ● | | | | | |
| BL-8-2 | ↓ | A1103 | A1104 | 107 | 1 | | | ● | | | | | |
| ASH-304 | SUPPLY FAN START/STOP | B0106 | B0107 | 108 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1106 | A1107 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1108 | A1109 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1111 | A1112 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1601 | A1602 | | 5 | | ● | | | | | | |
| | FREEZE STAT. | A1113 | A1114 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A1116 | A1117 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| ↓ | SPARE PAIR | | | ↓ | 9 | | | | | | | | |
| EMERG. GEN. No.1 | LOW FUEL LEVEL | A1011 | A1012 | 109 | 1 | | | ● | | | | | |
| | EMERG. BUS VOLTAGE | A1013 | A1014 | 110 | 1 | | | ● | | | | | |
| | EMERG. GEN. RUNNING | A1016 | A1017 | | 2 | | | ● | | | | | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| | LOW BATTERY VOLTAGE | A1313 | A1314 | 111 | 1 | | | ● | | | | | |
| | BAT. CHARGER A.C. POWER | A1316 | A1317 | | 2 | | | ● | | | | | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| F-16F | FIRE | A1413 | A1414 | 112 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| ↓ | WATCH | A1416 | A1417 | ↓ | 3 | | | | ● | | | | |
| ITV-4 | INSPECT. TEST VALVE | B0108 | B0109 | 113 | 1 | | | | | ● | | RE COL. 16-G | |
| ITV-5 | ↓ ↓ ↓ | B0111 | B0112 | | 2 | | | | | ● | | ↓ ↓ ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| DS-80 | DOOR NO. 80 OPEN | A1418 | A1419 | 114 | 1 | | | | ● | | | | |
| F-11-G | FIRE | A1501 | A1502 | 115 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| ↓ | WATCH | A1503 | A1504 | ↓ | 3 | | | | ● | | | | |
| COL. STOP PANEL | HIGH PRESSURE | A1506 | A1507 | 116 | 1 | | | | ● | | | | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| ↓ | | | | ↓ | 3 | | | | | | | | ↓ ↓ |
| COL. CONT. PANEL | PAINT MIX ROOM | A1508 | A1509 | 117 | 1 | | | | ● | | | | |
| | PAINT STORAGE ROOM | A1511 | A1512 | | 2 | | | | ● | | | | |
| TS-3-2 | TAMPER SWITCH | B0603 | B0604 | | 3 | | | | ● | | | | |
| TS-3-3 | TAMPER SWITCH | B0606 | B0607 | | 4 | | | | ● | | | | |
| | SPARE | | | | 5 | | | | | | | | |
| | ↓ | | | ↓ | 6 | | | | | | | | |
| ASH-302 | SUPPLY FAN START/STOP | B0113 | B0114 | 118 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1118 | A1119 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1201 | A1202 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1203 | A1204 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1609 | A1607 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1206 | A1207 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A1208 | A1209 | | 7 | | | ● | | | | | |
| | SPARE PAIR. | | | | 8 | | | | | | | | |
| ↓ | SPARE PAIR | | | ↓ | 9 | | | | | | | | |
| ASH-303 | SUPPLY FAN START/STOP | B0116 | B0117 | 119 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1211 | A1212 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1213 | A1214 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1216 | A1217 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1611 | A1612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1218 | A1219 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A1301 | A1302 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| ↓ | SPARE PAIR | | | ↓ | 9 | | | | | | | | |
| SCV-19 | VALVE CLOSED | A1613 | A1614 | 120 | 1 | | | | ● | | | | |
| F-13-E | FIRE | A1516 | A1517 | 121 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| ↓ | WATCH | A1518 | A1519 | ↓ | 3 | | | | ● | | | | |
| BL-8-3 | LIGHTS | A1203 | A1204 | 122 | 1 | | | ● | | | | | |
| BL-8-4 | ↓ | A1306 | A1307 | 123 | 1 | | | ● | | | | | |
| BL-8-13 | ↓ | A1308 | A1309 | 124 | 1 | | | ● | | | | | |
| BL-8-14 | ↓ | A1311 | A1312 | 125 | 1 | | | ● | | | | | |
| BL-8-3 | LIGHTS OFF/ON | B0118 | B0119 | 126 | 1 | | | | | ● | | RE COL. 14-F | |
| BL-8-4 | ↓ ↓ ↓ | B0201 | B0202 | | 2 | | | | | ● | | ↓ ↓ ↓ | |
| BL-8-13 | ↓ ↓ ↓ | B0203 | B0204 | | 3 | | | | | ● | | ↓ ↓ ↓ | |
| BL-8-14 | ↓ ↓ ↓ | B0206 | B0207 | | 4 | | | | | ● | | ↓ ↓ ↓ | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | ↓ | 6 | | | | | | | | ↓ ↓ |
| | HORNS START/STOP | B0306 | B0307 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0601 | B0602 | | 2 | | | | ● | | | | ↓ |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| PL-1 | LIGHTS OFF/ON | B0308 | B0309 | 1634 | 1 | | | | | ● | | RE COL 16F | |
| | SPARE | | | | 2 | | | | | | | | |
| | ↓ | | | ↓ | 3 | | | | | | | | |
| PL-1 | LIGHTS | B0506 | B0507 | 1635 | 1 | | | ● | | | | | |

P.E. & C. 148 REV. 1-77 KGE 19 1139 3-77 5142H

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #165 | | |




SEE SHEET E-113 FOR RDGC-U-404

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | TJ | | |
| BULL 145 | 6-16-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| EFO 324 | 5-24-78 | T.J. | | |
| EFO # 322 | 5-10-78 | T.J. | | |
| BULL 156 | 4-11-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# REMOTE DATA GATHERING CENTER SCHEDULE RDGC Nº U-404

SHEET TITLE

OWNER'S IDENTIFICATION

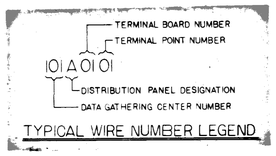
4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

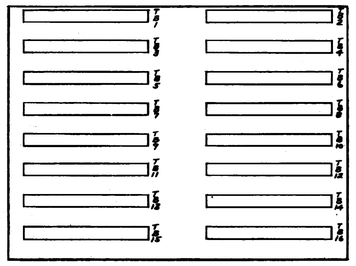
E-184
SHEET NUMBER




TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

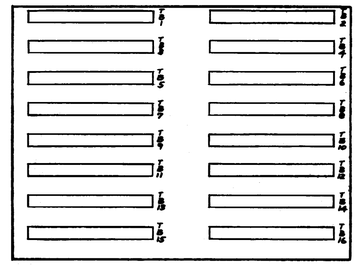
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N. T. S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

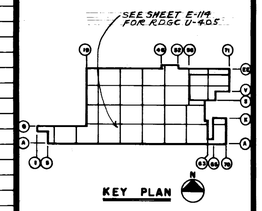
PROJECT NO. 4500 SHEET NO. E-185

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-25E | FIRE | A1101 | A1102 | 173 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1103 | A1104 | | 3 | | | | ● | | | | |
| LL-25E | LIGHTS | A0601 | A0602 | 174 | 1 | | | ● | | | | | |
| LL-25E | LIGHTS OFF/ON | A0901 | A0902 | 175 | 1 | | | | | ● | | RE COL. 25E | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| BL-1-34 | LIGHTS | A0603 | A0604 | 176 | 1 | | | ● | | | | | |
| BL-7-35 | | A0606 | A0607 | 177 | 1 | | | ● | | | | | |
| BL-7-37 | | A0608 | A0609 | 178 | 1 | | | ● | | | | | |
| BL-7-38 | | A0611 | A0612 | 179 | 1 | | | ● | | | | | |
| BL-7-34 | LIGHTS OFF/ON | A0903 | A0904 | 180 | 1 | | | | | ● | | RE COL. 24F | |
| BL-7-35 | | A0906 | A0907 | | 2 | | | | | ● | | | |
| BL-7-37 | | A0908 | A0909 | | 3 | | | | | ● | | | |
| BL-7-38 | | A0911 | A0912 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ASH-10 | SUPPLY FAN START/STOP | A0912 | A0914 | 181 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0613 | A0614 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0616 | A0617 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0618 | A0619 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0701 | A0702 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0703 | A0704 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-19E | FIRE | A1106 | A1107 | 182 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1108 | A1109 | | 3 | | | | ● | | | | |
| BL-7-48 | LIGHTS | A0706 | A0707 | 183 | 1 | | | ● | | | | | |
| BL-7-49 | | A0708 | A0709 | 184 | 1 | | | ● | | | | | |
| BL-7-51 | | A0711 | A0712 | 185 | 1 | | | ● | | | | | |
| BL-7-52 | | A0713 | A0714 | 186 | 1 | | | ● | | | | | |
| BL-7-48 | LIGHTS OFF/ON | A0916 | A0917 | 187 | 1 | | | | | ● | | RE COL. 20F | |
| BL-7-49 | | A0918 | A0919 | | 2 | | | | | ● | | | |
| BL-7-51 | | A1001 | A1002 | | 3 | | | | | ● | | | |
| BL-7-52 | | A1003 | A1004 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| BL-7-40 | LIGHTS | A0716 | A0717 | 188 | 1 | | | ● | | | | | |
| BL-7-41 | | A0718 | A0719 | 189 | 1 | | | ● | | | | | |
| BL-7-44 | | A0801 | A0802 | 190 | 1 | | | ● | | | | | |
| BL-7-45 | | A0803 | A0804 | 191 | 1 | | | ● | | | | | |
| BL-7-40 | LIGHTS OFF/ON | A1006 | A1007 | 192 | 1 | | | | | ● | | RE COL. 22F | |
| BL-7-41 | | A1008 | A1009 | | 2 | | | | | ● | | | |
| BL-7-44 | | A1011 | A1012 | | 3 | | | | | ● | | | |
| BL-7-45 | | A1013 | A1014 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| ITV-6 | INSPECTION TEST VALVE | A1016 | A1017 | 193 | 1 | | | | | ● | | RE COL. 22G | |
| ITV-8 | | A1018 | A1019 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | A1201 | A1202 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1118 | A1119 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #135 | | |

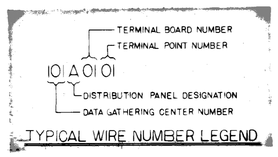



| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 158 | 4-11-78 | T.J. | | |

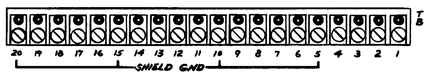
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

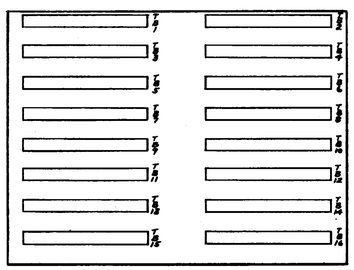



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

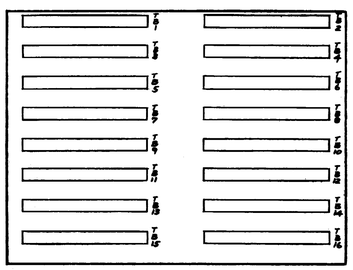
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº U-405

SHEET TITLE

OWNER'S IDENTIFICATION — 4500 P.E.&C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP, J. KONKLE

E-185 SHEET NUMBER

P.E.&C. 149 REV. 1-77 K&E 19 1198 3-77 3148n

PROJECT NO. 4500 SHEET NO. E-186

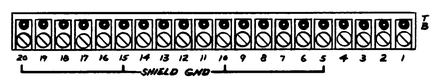
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-7-36 | LIGHTS | A0816 | A0817 | 230 | 1 | | | ● | | | | | |
| BL-7-39 | ↓ | A0818 | A0819 | 231 | 1 | | | ● | | | | | |
| BL-7-36 | LIGHTS OFF/ON | A1001 | A1002 | 232 | 1 | | | | | ● | | RE COL. 24N | |
| BL-7-39 | ↓ ↓ | A1003 | A1004 | | 2 | | | | | ● | | ↓ | |
| | | | | ↓ | 3 | | | | | | | | SPARE PAIR |
| BL-1-24 | LIGHTS | A0901 | A0902 | 233 | 1 | | | ● | | | | | |
| BL-7-28 | ↓ | A0903 | A0904 | 234 | 1 | | | ● | | | | | |
| BL-7-32 | ↓ | A0906 | A0907 | 235 | 1 | | | ● | | | | | |
| BL-1-24 | LIGHTS OFF/ON | A1006 | A1007 | 236 | 1 | | | | | ● | | RE COL. 26N | |
| BL-7-28 | ↓ ↓ | A1008 | A1009 | | 2 | | | | | ● | | ↓ | |
| BL-7-32 | ↓ ↓ | A1011 | A1012 | ↓ | 3 | | | | | ● | | ↓ | |
| ITV-10 | INSPECTION TEST VALVE | A1013 | A1014 | 237 | 1 | | | | | ● | | RE COL. 24Qs | |
| | | | | | | | | | | | | ↓ | SPARE PAIR |
| ITV-69 | INSPECTION TEST VALVE | A1018 | A1019 | 238 | 1 | | | | | ● | | RE COL. 24QN | |
| | | | | | | | | | | | | ↓ | SPARE PAIR |
| ASH-53 | SUPPLY FAN START/STOP | A1103 | A1104 | 239 | 1 | | | | | ● | | | |
| | SUPPLY FAN | A0908 | A0909 | | 2 | | | ● | | | | ASH CONTROL PNL | |
| | AIR FLOW SWITCH | A0911 | A0912 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0913 | A0914 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A0216 | A0217 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0916 | A0917 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | A0218 | A0219 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0918 | A0919 | | 8 | | | ● | | | | | |
| | | | | ↓ | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | A1118 | A1119 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1201 | A1202 | | 2 | | | | ● | | | | |
| | SPARE | | | ↓ | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

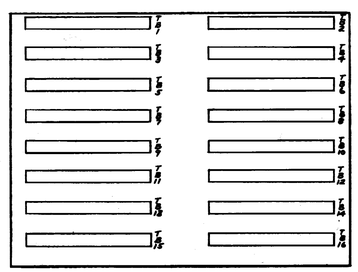
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

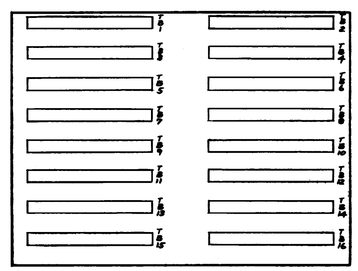
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

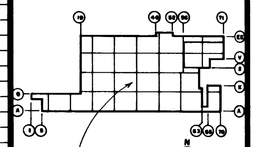


DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #165 | | |




SEE SHEET E-114 FOR RDGC-U-406

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| BULL 168 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC №U-406

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KOVALE

E-186
SHEET NUMBER

P.E. & C. 149 REV. 1-77 K&E 10 1118 3-77 3142H

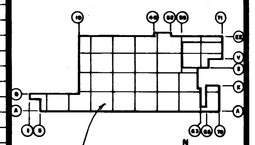
PROJECT NO. 4500 SHEET NO. E-187

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F-28A | FIRE | B0601 | B0602 | 145 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0603 | B0604 | | 3 | | | | ● | | | | |
| FS-13 | FLOW SWITCH | B0606 | B0607 | 146 | 1 | | | | ● | | | | |
| FS-14 | | B0608 | B0609 | 147 | 1 | | | | ● | | | | |
| FS-15 | | B0611 | B0612 | 148 | 1 | | | | ● | | | | |
| FS-16 | | B0613 | B0614 | 149 | 1 | | | | ● | | | | |
| SCV-11 | VALVE CLOSED | B0616 | B0617 | 150 | 1 | | | | ● | | | | |
| PIV-13 | | B0618 | B0619 | | 2 | | | | ● | | | | |
| PIV-14 | | B0701 | B0702 | | 3 | | | | ● | | | | |
| PIV-15 | | B0703 | B0704 | | 4 | | | | ● | | | | |
| PIV-16 | | B0706 | B0707 | | 5 | | | | ● | | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| DS-72 | DOOR NO. 72 OPEN | B0708 | B0709 | 151 | 1 | | | | ● | | | | |
| ASH-11 | SUPPLY FAN START/STOP | B0901 | B0902 | 152 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0201 | B0202 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0203 | B0204 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0206 | B0207 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0801 | B0802 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0208 | B0209 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0803 | B0804 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0211 | B0212 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-7-26 | LIGHTS | B0213 | B0214 | 153 | 1 | | | ● | | | | | |
| BL-7-30 | | B0216 | B0217 | 154 | 1 | | | ● | | | | | |
| LL-26E | | B0218 | B0219 | 155 | 1 | | | ● | | | | | |
| BL-7-26 | LIGHTS OFF/ON | B0903 | B0904 | 156 | 1 | | | | | ● | | RE COL. D26 | |
| BL-7-30 | | B0906 | B0907 | | 2 | | | | | ● | | | |
| LL-26E | | B0908 | B0909 | | 3 | | | | | ● | | | |
| ASH-12 | SUPPLY FAN START/STOP | B0911 | B0912 | 157 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0301 | B0302 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0303 | B0304 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0306 | B0307 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0806 | B0807 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0308 | B0309 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0805 | B0809 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0311 | B0312 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-31E | FIRE | B0711 | B0712 | 158 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0713 | B0714 | | 3 | | | | ● | | | | |
| ASH-14 | SUPPLY FAN START/STOP | B0913 | B0914 | 159 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0313 | B0314 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0316 | B0317 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0318 | B0319 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0811 | B0812 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0401 | B0402 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0813 | B0814 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0403 | B0404 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-7-12 | LIGHTS | B0406 | B0407 | 160 | 1 | | | ● | | | | | |
| BL-7-1 | | B0408 | B0409 | 161 | 1 | | | ● | | | | | |
| BL-7-15 | | B0411 | B0412 | 162 | 1 | | | ● | | | | | |
| BL-7-16 | | B0413 | B0414 | 163 | 1 | | | ● | | | | | |
| OL-15 | | B0416 | B0417 | 164 | 1 | | | ● | | | | | |
| LL-29F | | B0418 | B0419 | 165 | 1 | | | ● | | | | | |
| BL-7-12 | LIGHTS OFF/ON | B0916 | B0917 | 166 | 1 | | | | | ● | | RE COL. D29 | |
| BL-7-1 | | B0918 | B0919 | | 2 | | | | | ● | | | |
| BL-7-15 | | B1001 | B1002 | | 3 | | | | | ● | | | |
| BL-7-16 | | B1003 | B1004 | | 4 | | | | | ● | | | |
| OL-15 | | B1006 | B1007 | | 5 | | | | | ● | | | |
| LL-29F | | B1008 | B1009 | | 6 | | | | | ● | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| ASH-13 | SUPPLY FAN START/STOP | B1011 | B1012 | 167 | 1 | | | | | ● | | ASH CONTOL PNL. | |
| | SUPPLY FAN | B0501 | B0502 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0503 | B0504 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0506 | B0507 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0816 | B0817 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0508 | B0509 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0818 | B0819 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0611 | B0612 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-7-20 | LIGHTS | B0613 | B0614 | 168 | 1 | | | ● | | | | | |
| BL-7-23 | | B0616 | B0617 | 169 | 1 | | | ● | | | | | |
| BL-7-20 | LIGHTS OFF/ON | B1013 | B1014 | 170 | 1 | | | | | ● | | RE COL. D28 | |
| BL-7-23 | | B1016 | B1017 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| C1 | CLOCK CORRECTION | B1018 | B1019 | 171 | 1 | | | | | ● | | RE COL. G27 | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ITV-12 | INSPECTION TEST VALVE | B1101 | B1102 | 172 | 1 | | | | | ● | | RE COL. G28 | |
| ITV-13 | | B1103 | B1104 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| HG-540 | HATCH NO. 540 OPEN | B0716 | B0717 | 333 | 1 | | | | ● | | | | |
| | HORNS START/STOP | B1201 | B1202 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1301 | B1302 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #185 | | |



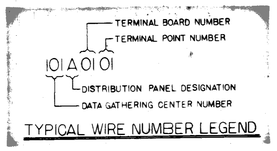

SEE SHEET E-14 FOR RDGC-U-407

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BUL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-19-78 | TJ | | |
| BULL 324 | 5-26-78 | T.J. | | |
| BUL. 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

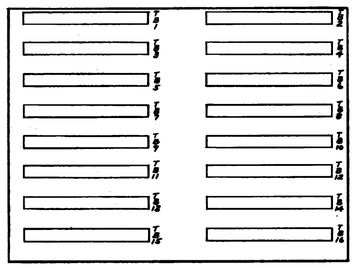
DRAWING CERTIFIED BY — DATE




TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

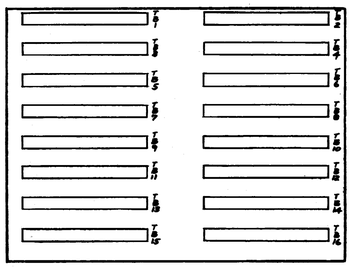
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

# REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-407

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

E-187
SHEET NUMBER

PROJECT NO. 4500 SHEET NO. E-188

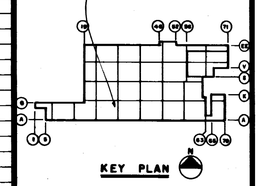
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HORNS START/STOP | A1301 | A1302 | HC | 1 | | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1201 | A1202 | | 2 | | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 6-13-78 | BULL 164 | | |

SEE SHEET E-114 FOR RDGC U-408



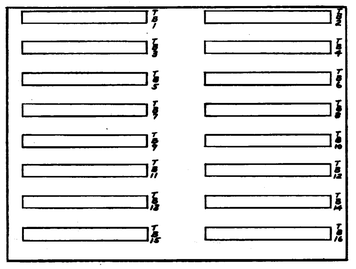
KEY PLAN

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

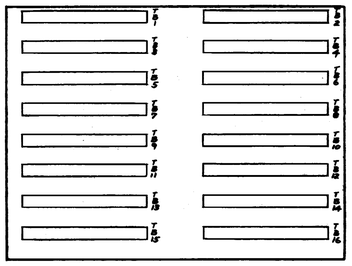
N.T.S.




EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.




DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U 408

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 6-15-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-188
SHEET NUMBER

P.E.&C. 145 REV. 1-77 K&E 10 1188 5-77 3140

PROJECT NO. 4500 SHEET NO. E-189

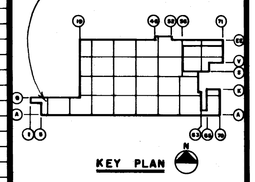
| EQUIPMENT DESIGNATION | POINT DESCRIPTION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCV-15 | VALVE CLOSED | B0601 | B0602 | 36 | 1 | | | | ● | | | | |
| ITV-1 | INDIRECT TEST VALVE | B0901 | B0902 | 37 | 1 | | | | | ● | | RE COL 3E | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-1F | FIRE | B0603 | B0604 | 38 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0605 | B0607 | | 3 | | | | ● | | | | |
| ASH-1 | SUPPLY FAN START/STOP | B0903 | B0904 | 39 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1606 | A1607 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1608 | A1609 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1611 | A1612 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0701 | B0702 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1613 | A1614 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | B0703 | B0704 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1616 | A1617 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| LL-1F | LIGHTS OFF/ON | B0906 | B0907 | 40 | 1 | | | | | ● | | RE-COL. 3F | |
| LL-4G | | B0908 | B0909 | | 2 | | | | | ● | | | |
| OL-9 | | B0911 | B0912 | | 3 | | | | | ● | | | |
| OL-10 | | B0913 | B0914 | | 4 | | | | | ● | | | |
| OL-11 | | B0916 | B0917 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| LL-1F | LIGHTS | A1618 | A1619 | 41 | 1 | | | ● | | | | | |
| LL-4G | | A1501 | A1502 | 42 | 1 | | | ● | | | | | |
| OL-9 | | A1503 | A1504 | 43 | 1 | | | ● | | | | | |
| OL-10 | | A1506 | A1507 | 44 | 1 | | | ● | | | | | |
| OL-11 | | A1508 | A1509 | 45 | 1 | | | ● | | | | | |
| BL-B-18 | LIGHTS OFF/ON | B0918 | B0919 | 46 | 1 | | | | | ● | | RE-COL.-6F | |
| BL-B-19 | | B1001 | B1002 | | 2 | | | | | ● | | | |
| BL-B-20 | | B1003 | B1004 | | 3 | | | | | ● | | | |
| BL-B-22 | | B1006 | B1007 | | 4 | | | | | ● | | | |
| BL-B-23 | | B1008 | B1009 | | 5 | | | | | ● | | | |
| BL-B-24 | | B1011 | B1012 | | 6 | | | | | ● | | | |
| C, | CLOCK CORRECTION | B1013 | B1014 | | 7 | | | | | ● | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | |
| BL-B-18 | LIGHTS | A1511 | A1512 | 47 | 1 | | | ● | | | | | |
| BL-B-19 | | A1513 | A1514 | 48 | 1 | | | ● | | | | | |
| BL-B-20 | | A1516 | A1517 | 49 | 1 | | | ● | | | | | |
| BL-B-22 | | A1518 | A1519 | 50 | 1 | | | ● | | | | | |
| BL-B-23 | | A1601 | A1602 | 51 | 1 | | | ● | | | | | |
| BL-B-24 | | A1603 | A1604 | 52 | 1 | | | ● | | | | | |
| DS-69 | DOOR NO.69 OPEN | B0608 | B0609 | 53 | 1 | | | | ● | | | | |
| F-10F | FIRE | B0611 | B0612 | 54 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0613 | B0614 | | 3 | | | | ● | | | | |
| ITV-2 | INDIRECT TEST VALVE | B1016 | B1017 | 55 | 1 | | | | | ● | | RE-COL. 10G | |
| ITV-3 | | B1018 | B1019 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| LL-9E | LIGHTS | A1606 | A1607 | 56 | 1 | | | ● | | | | | |
| | LIGHTS OFF/ON | B1101 | B1102 | 57 | 1 | | | | | ● | | RE-COL. 3F | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| ASH-3D | SUPPLY FAN START/STOP | B1103 | B1104 | 58 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1608 | A1609 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1611 | A1612 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1613 | A1614 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0706 | B0707 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1616 | A1617 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A1618 | A1619 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| F-E1E | FIRE | B0416 | B0417 | 59 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0418 | B0419 | | 3 | | | | ● | | | | |
| ASH-2 | SUPPLY FAN START/STOP | B1106 | B1107 | 60 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0101 | B0102 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0103 | B0104 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0106 | B0107 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0711 | B0712 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0108 | B0109 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | B0713 | B0716 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0111 | B0112 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-4 | SUPPLY FAN START/STOP | B1108 | B1109 | 61 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | B0113 | B0114 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0116 | B0117 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0118 | B0119 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0716 | B0717 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0201 | B0202 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0718 | B0719 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0203 | B0204 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-3 | SUPPLY FAN START/STOP | B1111 | B1112 | 62 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0206 | B0207 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0208 | B0209 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0211 | B0212 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0801 | B0802 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0213 | B0214 | | 6 | | | ● | | | | | |
| | WATER TEMP.-COILS | B0803 | B0804 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0216 | B0217 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-5A | FIRE | B0601 | B0602 | 63 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0603 | B0604 | | 3 | | | | ● | | | | |
| SCV-15 | VALVE CLOSED | B0606 | B0607 | 64 | 1 | | | | ● | | | | |
| SCV-16 | | B0608 | B0609 | | 2 | | | | ● | | | | |
| SCV-17 | | B0611 | B0612 | | 3 | | | | ● | | | | |
| BL-B-15 | LIGHTS OFF/ON | B1113 | B1114 | 65 | 1 | | | | | ● | | RE-COL. 6B | |
| BL-B-16 | | B1116 | B1117 | | 2 | | | | | ● | | | |
| BL-B-17 | | B1118 | B1119 | | 3 | | | | | ● | | | |
| BL-B-21 | | B1201 | B1202 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| BL-B-18 | LIGHTS | B0218 | B0219 | 66 | 1 | | | ● | | | | | |
| BL-B-16 | | B0301 | B0302 | 67 | 1 | | | ● | | | | | |
| BL-B-17 | | B0303 | B0304 | 68 | 1 | | | ● | | | | | |
| BL-B-21 | | B0306 | B0307 | 69 | 1 | | | ● | | | | | |
| FIV-1 | VALVE CLOSED | B0513 | B0514 | 70 | 1 | | | | ● | | | | |
| FIV-2 | | B0516 | B0517 | | 2 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESCRIPTION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 70 | 3 | | | | | | | | SPARE PAIR |
| FS-1 | FLOW SWITCH | B0518 | B0519 | 71 | 1 | | | | ● | | | | |
| FS-2 | | B0601 | B0602 | 72 | 1 | | | | ● | | | | |
| ASH-2D6 | SUPPLY FAN START/STOP | B1203 | B1204 | 73 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | B0308 | B0309 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0311 | B0312 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0313 | B0314 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0806 | B0807 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0316 | B0317 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | B0318 | B0319 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| | HORNS START/STOP | B1301 | B1302 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1401 | B1402 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| | ELEC. FIRE PUMP ON/OFF | B1403 | B1404 | EG47 | 1 | | | | ● | | | | ELEC. FIRE PUMP CONTROL PNL. |
| | ELEC. FIRE PUMP ABNORMAL | B1406 | B1407 | | 2 | | | | ● | | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |

| EQUIPMENT DESIGNATION | POINT DESCRIPTION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |

SEE SHEET E-113 FOR RDGC-U-409



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| EFO 326 | 5-24-78 | T.J. | | |
| BULL 156 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

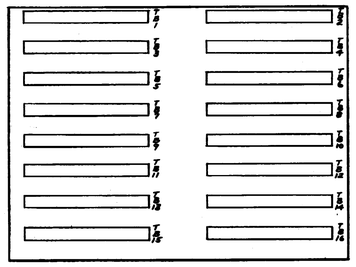
DRAWING CERTIFIED BY — DATE

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101A01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

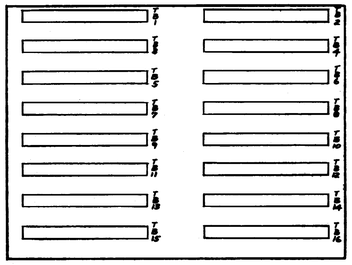
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº U-409

SHEET TITLE

OWNER'S IDENTIFICATION

4500 — P.E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP, J. KOHKLE

E-189 — SHEET NUMBER

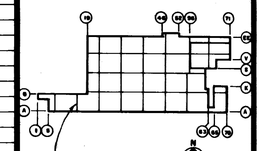
P.E. & C. 148 REV. 1-77 K&E 10 1138 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-190

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS-70 | DOOR NO. 70 OPEN | A0801 | 0802 | 74 | 1 | | | | ● | | | | |
| F-10A | FIRE | A0803 | 0804 | 75 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0806 | 0807 | | 3 | | | | ● | | | | |
| PIV-3 | VALVE CLOSED | A0806 | 0807 | 76 | 1 | | | | ● | | | | |
| SCV-14 | | A0811 | 0812 | | 2 | | | | ● | | | | |
| PIV-4 | | A0813 | 0814 | | 3 | | | | ● | | | | |
| FS-3 | FLOW SWITCH | A0816 | 0817 | 77 | 1 | | | | ● | | | | |
| FS-4 | FLOW SWITCH | A0818 | 0819 | 78 | 1 | | | | ● | | | | |
| ASH-5 | SUPPLY FAN START/STOP | A1101 | 1102 | 79 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0106 | 0107 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0108 | 0109 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0111 | 0112 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | A1001 | 1002 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0113 | 0114 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1003 | 1004 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB | A0116 | 0117 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| C1 | CLOCK CORRECTION | A1103 | 1104 | 80 | 1 | | | | | ● | | RE COL 11-C | |
| LL-10B | LIGHTS OFF/ON | A1106 | 1107 | 81 | 1 | | | | | ● | | RE COL 11-B | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| LL-10B | LIGHTS | A0118 | 0119 | 82 | 1 | | | ● | | | | | |
| F-16A | FIRE | A0901 | 0902 | 83 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0903 | 0904 | | 3 | | | | ● | | | | |
| DS-71 | DOOR NO 71 OPEN | A0906 | 0907 | 84 | 1 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | A1108 | 1109 | 85 | 1 | | | | | ● | | RE COL 15W-A | |
| ASH-7 | SUPPLY FAN START/STOP | A1111 | 1112 | 86 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0201 | 0202 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0203 | 0204 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0206 | 0207 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | A1006 | 1007 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0208 | 0209 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1008 | 1009 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A0211 | 0212 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH-6 | SUPPLY FAN START/STOP | A1113 | 1114 | 87 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A0213 | 0214 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A0216 | 0217 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A0218 | 0219 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP | A1011 | 1012 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A0301 | 0302 | | 6 | | | ● | | | | | |
| | WATER TEMP COILS | A1013 | 1014 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB | A0303 | 0304 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| SUB-1B | TRANS. TEMP.-HIGH | A0306 | A0307 | 88 | 1 | | | ● | | | | | |
| | TRANS. PRES.-LOW | A0308 | A0309 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0311 | A0312 | | 3 | | | ● | | | | | |
| | KWHR METER | A0313 | A0314 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0316 | A0317 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0318 | A0319 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A0401 | A0402 | | 7 | | | ● | | | | | |
| | FEEDER BKR. 1B2 | A0403 | A0404 | | 8 | | | ● | | | | | SPARE BKR. |
| | FEEDER BKR. 1B3 | A1401 | A1402 | | 9 | | | ● | | | | | BUS DUCT #1B3 |
| | | | | | 10 | | | | | | | | SPAIR PAIR |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-1C | TRANS. TEMP.-HIGH | A0406 | A0407 | 89 | 1 | | | ● | | | | | |
| | TRANS. PRES.-LOW | A0408 | A0409 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0411 | A0412 | | 3 | | | ● | | | | | |
| | KWHR METER | A0413 | A0414 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0416 | A0417 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0418 | A0419 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A0501 | A0502 | | 7 | | | ● | | | | | |
| | FEEDER BKR. 1C3 | A0503 | A0504 | | 8 | | | ● | | | | | BUS DUCT #1C3 |
| | | | | | 9 | | | | | | | | SPAIR PAIR |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SUB-1D | TRANS. TEMP.-HIGH | A0506 | A0507 | 90 | 1 | | | ● | | | | | |
| | TRANS. PRES.-LOW | A0508 | A0509 | | 2 | | | ● | | | | | |
| | TRANS. VOLTAGE (UNDER) | A0511 | A0512 | | 3 | | | ● | | | | | |
| | KWHR METER | A0513 | A0514 | | 4 | | | ● | | | | | |
| | KVAR-HR METER | A0516 | A0517 | | 5 | | | ● | | | | | |
| | MAIN BREAKER | A0518 | A0519 | | 6 | | | ● | | | | | |
| | TIE BREAKER | A0601 | A0602 | | 7 | | | ● | | | | | |
| | FEEDER BKR. 1D1. | A0603 | A0604 | | 8 | | | ● | | | | | FIRE BOOSTER PUMP |
| | FEEDER BKR. 1D2. | A0606 | A0607 | | 9 | | | ● | | | | | BUS DUCT # 1D-2 |
| | FEEDER BKR 1D3 | A0718 | A0719 | | 10 | | | ● | | | | | BUS DUCT # 1D-3 |
| | | | | | 11 | | | | | | | | SPARE PAIR |
| | | | | | 12 | | | | | | | | |
| BL-8-5 | LIGHTS | A0608 | A0609 | 91 | 1 | | | ● | | | | | |
| BL-8-6 | | A0611 | A0612 | 92 | 1 | | | ● | | | | | |
| BL-8-11 | | A0613 | A0614 | 93 | 1 | | | ● | | | | | |
| BL-8-12 | | A0616 | A0617 | 94 | 1 | | | ● | | | | | |
| LL-14-D | | A0618 | A0619 | 95 | 1 | | | ● | | | | | |
| BL-8-5 | LIGHTS OFF/ON | A1116 | A1117 | 96 | 1 | | | | | ● | | RE COL. 13C | |
| BL-8-6 | | A1118 | A1119 | | 2 | | | | | ● | | | |
| BL-8-11 | | A1201 | A1202 | | 3 | | | | | ● | | | |
| BL-8-12 | | A1203 | A1204 | | 4 | | | | | ● | | | |
| LL-14-D | | A1206 | A1207 | | 5 | | | | | ● | | | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| BL-8-7 | LIGHTS | A0701 | A0702 | 97 | 1 | | | ● | | | | | |
| BL-8-8 | | A0703 | A0704 | 98 | 1 | | | ● | | | | | |
| BL-8-9 | | A0706 | A0707 | 99 | 1 | | | ● | | | | | |
| BL-8-10 | | A0708 | A0709 | 100 | 1 | | | ● | | | | | |
| OL-12 | | A0711 | A0712 | 101 | 1 | | | ● | | | | | |
| OL-13 | | A0713 | A0714 | 102 | 1 | | | ● | | | | | |
| OL-14 | | A0716 | A0717 | 103 | 1 | | | ● | | | | | |
| BL-8-7 | LIGHTS OFF/ON | A1208 | A1209 | 104 | 1 | | | | | ● | | RE COL. 13B | |
| BL-8-8 | | A1211 | A1212 | | 2 | | | | | ● | | | |
| BL-8-9 | | A1213 | A1214 | | 3 | | | | | ● | | | |
| BL-8-10 | | A1216 | A1217 | | 4 | | | | | ● | | | |
| OL-12 | | A1218 | A1219 | | 5 | | | | | ● | | | |
| OL-13 | | A1301 | A1302 | | 6 | | | | | ● | | | |
| OL-14 | | A1303 | A1304 | | 7 | | | | | ● | | | |
| | | | | | 8 | | | | | | | | SPARE PAIR |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| HS-535 | HATCH NO. 535 OPEN | A0908 | A0909 | 418 | 1 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS-720 | DOOR NO. R-20 OPEN | A0911 | A0912 | 419 | 1 | | | | ● | | | | |
| HS-511 | HATCH NO. 511 OPEN | A0913 | A0914 | 420 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A1318 | A1319 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A0918 | A0919 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|




| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #165 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 168 | 7-18-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| ERD 324 | 5-24-78 | T.J. | | |
| BULL 165 | 4-11-78 | T.J. | | |

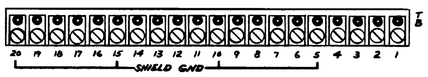
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

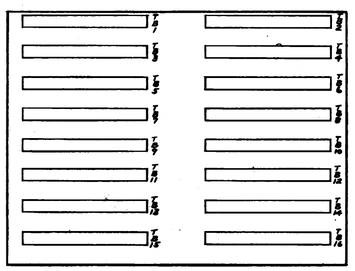
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

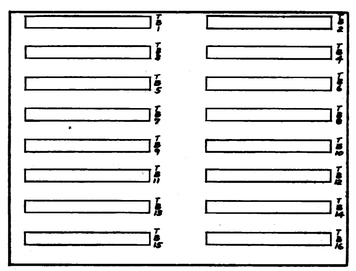
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-410

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

E-190
SHEET NUMBER

P.E.&C. 148 REV. 1-77 K&E 10 1135 3-77 31424

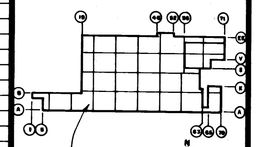
PROJECT NO. 4500 SHEET NO. E-191

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASH-8 | SUPPLY FAN START/STOP | A0901 | A0902 | 127 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1101 | A1102 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1103 | A1104 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1106 | A1107 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1001 | A1002 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1108 | A1109 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1003 | A1004 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1111 | A1112 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ASH207 | SUPPLY FAN START/STOP | A0903 | A0904 | 128 | 1 | | | | | ● | | ASH CONTROL PNL | |
| | SUPPLY FAN | A1113 | A1114 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1116 | A1117 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1118 | A1119 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1006 | A1007 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1201 | A1202 | | 6 | | | ● | | | | | |
| | FAN SHAFT VIB | A1203 | A1204 | | 7 | | | ● | | | | | |
| | SPARE PAIR | | | | 8 | | | | | | | | |
| | SPARE PAIR | | | | 9 | | | | | | | | |
| ASH-9 | SUPPLY FAN START/STOP | A0906 | A0907 | 129 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1206 | A1207 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1208 | A1209 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1211 | A1212 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1011 | A1012 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1213 | A1214 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1013 | A1014 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1216 | A1217 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-7-29 | LIGHTS OFF/ON | A0908 | A0909 | 130 | 1 | | | | | ● | | RE COL B-22 | |
| BL-7-43 | | A0911 | A0912 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| BL-7-29 | LIGHTS | A1218 | A1219 | 131 | 1 | | | ● | | | | | |
| BL-7-43 | | A1301 | A1302 | 132 | 1 | | | ● | | | | | |
| SCV-13 | VALVE CLOSED | A1401 | A1402 | 133 | 1 | | | | ● | | | | |
| PIV-5 | | A1403 | A1404 | | 2 | | | | ● | | | | |
| PIV-6 | | A1406 | A1407 | | 3 | | | | ● | | | | |
| PIV-7 | | A1408 | A1409 | | 4 | | | | ● | | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| FS-5 | FLOW SWITCH | A1411 | A1412 | 134 | 1 | | | | ● | | | | |
| FS-6 | | A1413 | A1414 | 135 | 1 | | | | ● | | | | |
| FS-7 | | A1416 | A1417 | 136 | 1 | | | | ● | | | | |
| FS-8 | | A1418 | A1419 | 137 | 1 | | | | ● | | | | |
| FS-9 | | A1501 | A1502 | 138 | 1 | | | | ● | | | | |
| FS-10 | | A1503 | A1504 | 139 | 1 | | | | ● | | | | |
| FS-11 | | A1506 | A1507 | 140 | 1 | | | | ● | | | | |
| FS-12 | | A1508 | A1509 | 141 | 1 | | | | ● | | | | |
| SCV-12 | VALVE CLOSED | A1511 | A1512 | 142 | 1 | | | | ● | | | | |
| PIV-8 | | A1513 | A1514 | | 2 | | | | ● | | | | |
| PIV-9 | | A1516 | A1517 | | 3 | | | | ● | | | | |
| PIV-10 | | A1518 | A1519 | | 4 | | | | ● | | | | |
| PIV-11 | | A1601 | A1602 | | 5 | | | | ● | | | | |
| PIV-12 | | A1603 | A1604 | | 6 | | | | ● | | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| C2 | CLOCK CORRECTION | A0913 | A0914 | 143 | 1 | | | | | ● | | RE COL. 22A | |
| F-22A | FIRE | A1606 | A1607 | 144 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1608 | A1609 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A0918 | A0919 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1618 | A1619 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| DS-DS-6 | DOOR SWITCH | A1611 | A1612 | 1668 | 1 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |




SEE SHEET E-114 & 113 FOR RDGC-U-411

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 477 | 1-25-79 | W.S. | | |
| BULL 169 | 7-18-78 | T.J. | | |
| BULL 164 | 6-13-78 | T.J. | | |
| EFO 324 | 5-26-78 | T.J. | | |
| BULL 158 | 4-11-76 | T.J. | | |

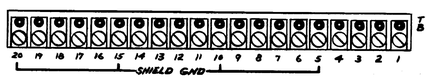
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

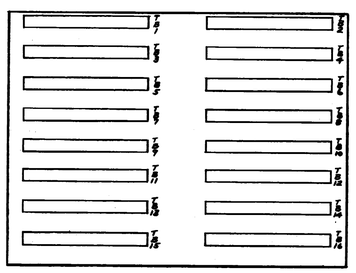
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

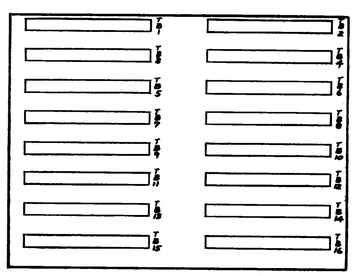
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº U-411

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-191
SHEET NUMBER

P.E.&C. 149 REV. 1-77 K&E 19 1139 5-77 3140n

PROJECT NO. 4500 SHEET NO. E-192

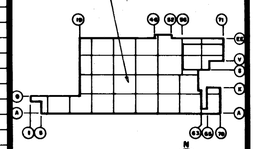
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-1-49 | LIGHTS | A1301 | A1302 | 316 | 1 | | | ● | | | | | |
| BL-6-56 | ↓ | A1303 | A1304 | 317 | 1 | | | ● | | | | | |
| BL-7-4 | ↓ | A1306 | A1307 | 318 | 1 | | | ● | | | | | |
| BL-1-49 | LIGHTS OFF/ON | A1001 | A1002 | 319 | 1 | | | | | ● | | RE COL. 34N | |
| BL-6-56 | ↓ | A1003 | A1004 | | 2 | | | | | ● | | ↓ | |
| BL-7-4 | ↓ | A1006 | A1007 | | 3 | | | | | ● | | ↓ | |
| ITV-14 | INSPECTION TEST VALVE | A1008 | A1009 | | 4 | | | | | ● | | ↓ | |
| ITV-19 | ↓ | A1011 | A1012 | | 5 | | | | | ● | | ↓ | |
| ITV-20 | ↓ | B0203 | B0204 | | 6 | | | | | ● | | ↓ | |
| ASH-55 | SUPPLY FAN START/STOP | A1013 | A1014 | 320 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1308 | A1309 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1311 | A1312 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1313 | A1314 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1201 | A1202 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1316 | A1317 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1203 | A1204 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1318 | A1319 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| F-34P | FIRE | A1601 | A1602 | 321 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A1603 | A1604 | | 3 | | | | ● | | | | |
| BL-6-33 | LIGHTS | A1401 | A1402 | 322 | 1 | | | ● | | | | | |
| BL-6-42 | ↓ | A1403 | A1404 | 323 | 1 | | | ● | | | | | |
| BL-6-46 | ↓ | A1406 | A1407 | 324 | 1 | | | ● | | | | | |
| BL-6-47 | ↓ | A1408 | A1409 | 325 | 1 | | | ● | | | | | |
| LL-37M | ↓ | A1411 | A1412 | 326 | 1 | | | ● | | | | | |
| BL-6-33 | LIGHTS OFF/ON | A1016 | A1017 | 327 | 1 | | | | | ● | | RE COL.-37N | |
| BL-6-42 | ↓ | A1018 | A1019 | | 2 | | | | | ● | | ↓ | |
| BL-6-46 | ↓ | A1101 | A1102 | | 3 | | | | | ● | | ↓ | |
| BL-6-47 | ↓ | A1103 | A1104 | | 4 | | | | | ● | | ↓ | |
| LL-37M | ↓ | A1106 | A1107 | | 5 | | | | | ● | | ↓ | |
| | | | | | 6 | | | | | | | | SPARE PAIR |
| BL-6-50 | LIGHTS | A1413 | A1414 | 328 | 1 | | | ● | | | | | |
| BL-6-53 | ↓ | A1416 | A1417 | 329 | 1 | | | ● | | | | | |
| BL-6-50 | LIGHTS OFF/ON | A1108 | A1109 | 330 | 1 | | | | | ● | | RE COL.-36N | |
| BL-6-53 | ↓ | A1111 | A1112 | | 2 | | | | | ● | | ↓ | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-56 | SUPPLY FAN START/STOP | A1113 | A1114 | 331 | 1 | | | | | ● | | ASH CONTROL PNL. | |
| | SUPPLY FAN | A1418 | A1419 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | A1501 | A1502 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | A1503 | A1504 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | A1206 | A1207 | | 5 | | ● | | | | | | |
| | FREEZE STAT | A1506 | A1507 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | A1208 | A1209 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | A1508 | A1509 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| ITV-24 | INSPECTION TEST VALVE | A1116 | A1117 | 332 | 1 | | | | | ● | | RE COL.-36RN | |
| ITV-64 | ↓ | A1118 | A1119 | | 2 | | | | | ● | | ↓ | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B0201 | B0202 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A1618 | A1619 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |

SEE SHEET E-115 & E-116 FOR RDGC # U-412.



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL.168 | 7-18-78 | TJ | | |
| BULL.164 | 6-13-78 | TJ | | |
| BULL.160 | 4-11-78 | T.J. | | |

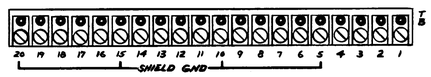
REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

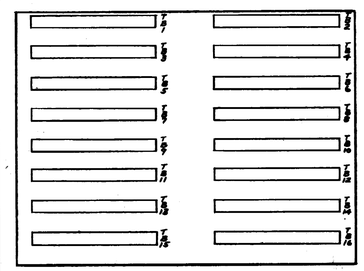
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

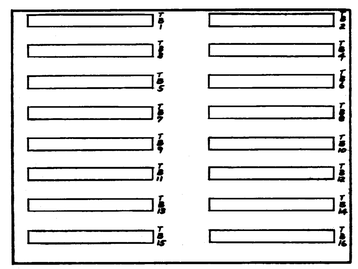
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-412

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KOHLE

E-192
SHEET NUMBER

P.E. & C. 149 REV. 1-77 KGIE 19 1198 3-77 3142n

PROJECT NO. 4500 SHEET NO. E-193

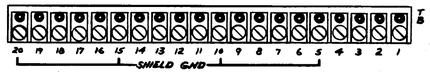
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITV-16 | INSPECTION TEST VALVE | B1001 | B1002 | 294 | 1 | | | | | ● | | RE COL.-34G | |
| ITV-17 | | B1003 | B1004 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| F-34Hw | FIRE | B0801 | B0802 | 295 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0803 | B0804 | | 3 | | | | ● | | | | |
| BL-7-7 | LIGHTS | B0301 | B0302 | 296 | 1 | | | ● | | | | | |
| BL-7-10 | | B0303 | B0304 | 297 | 1 | | | ● | | | | | |
| BL-7-7 | LIGHTS OFF/ON | B1006 | B1007 | 298 | 1 | | | | | ● | | RE COL.-32J | |
| BL-7-10 | | B1008 | B1009 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-37 | SUPPLY FAN START/STOP | B1011 | B1012 | 299 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0306 | B0307 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0308 | B0309 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0311 | B0312 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0801 | B0802 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0313 | B0314 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0803 | B0804 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0316 | B0317 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-55 | LIGHTS | B0318 | B0319 | 300 | 1 | | | ● | | | | | |
| BL-7-3 | | B0916 | B0917 | 301 | 1 | | | ● | | | | | |
| BL-6-55 | LIGHTS OFF/ON | B1013 | B1014 | 302 | 1 | | | | | ● | | RE COL. 34J | |
| BL-7-3 | | B1016 | B1017 | | 2 | | | | | ● | | | |
| C1 | CLOCK CORRECTION | B1018 | B1019 | | 3 | | | | | ● | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| ASH-40 | SUPPLY FAN START/STOP | B1101 | B1102 | 303 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0401 | B0402 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0403 | B0404 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0406 | B0407 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0906 | B0907 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0408 | B0409 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0908 | B0909 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0411 | B0412 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-41 | LIGHTS | B0413 | B0414 | 304 | 1 | | | ● | | | | | |
| BL-6-45 | | B0416 | B0417 | 305 | 1 | | | ● | | | | | |
| BL-6-41 | LIGHTS OFF/ON | B1103 | B1104 | 306 | 1 | | | | | ● | | RE COL 38J | |
| BL-6-45 | | B1106 | B1107 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | |
| BL-6-49 | LIGHTS | B0418 | B0419 | 307 | 1 | | | ● | | | | | |
| BL-6-52 | | B0601 | B0602 | 308 | 1 | | | ● | | | | | |
| LL-36K | | B0503 | B0504 | 309 | 1 | | | ● | | | | | |
| LL-37H | | B0506 | B0507 | 310 | 1 | | | ● | | | | | |
| BL-6-49 | LIGHTS OFF/ON | B1108 | B1109 | 311 | 1 | | | | | ● | | RE COL. 36J | |
| BL-6-52 | | B1111 | B1112 | | 2 | | | | | ● | | | |
| LL-36K | | B1113 | B1114 | | 3 | | | | | ● | | | |
| LL-37H | | B1116 | B1117 | | 4 | | | | | ● | | | |
| | | | | | 5 | | | | | | | | SPARE PAIR |
| | | | | | 6 | | | | | | | | |
| F-37L | FIRE | B0806 | B0807 | 312 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0808 | B0809 | | 3 | | | | ● | | | | |
| ASH-39 | SUPPLY FAN START/STOP | B1118 | B1119 | 313 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0608 | B0609 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0611 | B0612 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0613 | B0614 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0911 | B0912 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0516 | B0517 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0913 | B0914 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0618 | B0619 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| CAM | CHASSIS AND FINAL COMPRESSED AIR METER | B0601 | B0602 | 314 | 1 | | | ● | | | | | |
| ASH-38 | SUPPLY FAN START/STOP | B1201 | B1202 | 315 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0603 | B0604 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0606 | B0607 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0608 | B0609 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B0916 | B0917 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0611 | B0612 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B0918 | B0919 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0613 | B0614 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| | HORNS START/STOP | B1301 | B1302 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1401 | B1402 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

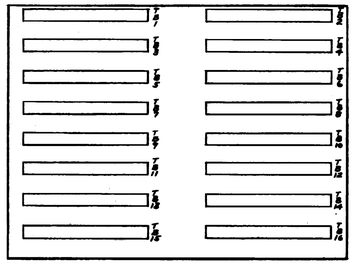
TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

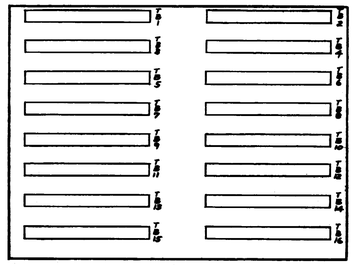
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

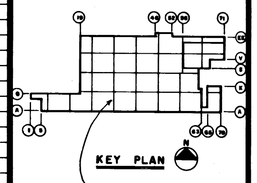


DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |




| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 164 | 6-13-78 | TJ | | |
| BULL 66 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-413

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONALE

E-193
SHEET NUMBER

P.E. & C. 149 REV. 1-77 KGE 10 1199 3-77 3140m

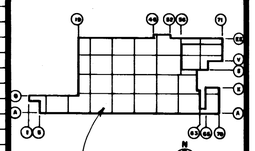
PROJECT NO. 4500 SHEET NO. E-194

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS-17 | FLOW SWITCH | B1101 | B1102 | 264 | 1 | | | | ● | | | | |
| FS-18 | | B1103 | B1104 | 265 | 1 | | | | ● | | | | |
| FS-19 | | B1106 | B1107 | 266 | 1 | | | | ● | | | | |
| FS-20 | | B1108 | B1109 | 267 | 1 | | | | ● | | | | |
| FS-21 | | B1111 | B1112 | 268 | 1 | | | | ● | | | | |
| SCV-10 | VALVE CLOSED | B1113 | B1114 | 269 | 1 | | | | ● | | | | |
| PIV-17 | | B1116 | B1117 | | 2 | | | | ● | | | | |
| PIV-18 | | B1118 | B1119 | | 3 | | | | ● | | | | |
| PIV-19 | | B1201 | B1202 | | 4 | | | | ● | | | | |
| PIV-20 | | B1203 | B1204 | | 5 | | | | ● | | | | |
| PIV-21 | | B1206 | B1207 | | 6 | | | | ● | | | | |
| | | | | | 7 | | | | | | | | SPARE PAIR |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| DS-73 | DOOR NO. 73 OPEN | B1208 | B1209 | 270 | 1 | | | | ● | | | | |
| C1 | CLOCK CORRECTION | B1301 | B1302 | 271 | 1 | | | | | ● | | RE COL. 33A | |
| BL-7-6 | LIGHTS | B0701 | B0702 | 272 | 1 | | | ● | | | | | |
| BL-7-9 | | B0703 | B0704 | 273 | 1 | | | ● | | | | | |
| BL-7-6 | LIGHTS OFF/ON | B1303 | B1304 | 274 | 1 | | | | | ● | | RE COL. 32D | |
| BL-7-9 | | B1306 | B1307 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-15 | SUPPLY FAN START/STOP | B1308 | B1309 | 275 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0706 | B0707 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0708 | B0709 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0711 | B0712 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B1501 | B1502 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0713 | B0714 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B1503 | B1504 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0716 | B0717 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-54 | LIGHTS | B0718 | B0719 | 276 | 1 | | | ● | | | | | |
| BL-7-2 | | B0801 | B0802 | 277 | 1 | | | ● | | | | | |
| LL-33B | | B0803 | B0804 | 278 | 1 | | | ● | | | | | |
| BL-6-26 | | B0806 | B0807 | 279 | 1 | | | ● | | | | | |
| BL-6-40 | | B0808 | B0809 | 280 | 1 | | | ● | | | | | |
| BL-6-43 | | B0811 | B0812 | 281 | 1 | | | ● | | | | | |
| BL-6-44 | | B0813 | B0814 | 282 | 1 | | | ● | | | | | |
| LL-37D | | B0816 | B0817 | 283 | 1 | | | ● | | | | | |
| BL-6-26 | LIGHTS OFF/ON | B1311 | B1312 | 284 | 1 | | | | | ● | | RE COL. 38D | |
| BL-6-40 | | B1313 | B1314 | | 2 | | | | | ● | | | |
| BL-6-43 | | B1316 | B1317 | | 3 | | | | | ● | | | |
| BL-6-44 | | B1318 | B1319 | | 4 | | | | | ● | | | |
| LL-37D | | B1401 | B1402 | | 5 | | | | | ● | | | |
| ITV-21 | INSPECTION TEST VALVE | A1201 | A1202 | | 6 | | | | | ● | | | |
| F-37E | FIRE | B1211 | B1212 | 285 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1213 | B1214 | | 3 | | | | ● | | | | |
| ASH-17 | SUPPLY FAN START/STOP | B1403 | B1404 | 286 | 1 | | | | | ● | | A.S.H. CONTROL PNL. | |
| | SUPPLY FAN | B0818 | B0819 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B0901 | B0902 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B0903 | B0904 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B1506 | B1507 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B0906 | B0907 | | 6 | | | ● | | | | | |
| | WATER TEMP-COILS | B1508 | B1509 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B0908 | B0909 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-51 | LIGHTS | B0911 | B0912 | 287 | 1 | | | ● | | | | | |
| BL-6-48 | | B0913 | B0914 | 288 | 1 | | | ● | | | | | |
| CAM-36C | CHASSIS AND FINAL COMPRESSED AIR METER | B0916 | B0917 | 289 | 1 | | | ● | | | | | AT COL. 36C |
| BL-6-51 | LIGHTS OFF/ON | B1406 | B1407 | 290 | 1 | | | | | ● | | RE COL. 36D | |
| BL-6-48 | | B1408 | B1409 | | 2 | | | | | ● | | | |
| | | | | | 3 | | | | | | | | SPARE PAIR |
| ASH-16 | SUPPLY FAN START/STOP | B1411 | B1412 | 291 | 1 | | | | | ● | | A.S.H. CONTROL PNL | |
| | SUPPLY FAN | B0918 | B0919 | | 2 | | | ● | | | | | |
| | AIR FLOW SWITCH | B1001 | B1002 | | 3 | | | ● | | | | | |
| | FILTER MEDIA | B1003 | B1004 | | 4 | | | ● | | | | | |
| | DISCHARGE AIR TEMP. | B1511 | B1612 | | 5 | | ● | | | | | | |
| | FREEZE STAT | B1006 | B1007 | | 6 | | | ● | | | | | |
| | WATER TEMP. COILS | B1513 | B1514 | | 7 | | ● | | | | | | |
| | FAN SHAFT VIB. | B1008 | B1009 | | 8 | | | ● | | | | | |
| | | | | | 9 | | | | | | | | SPARE PAIR |
| BL-6-54 | LIGHTS OFF/ON | B1413 | B1414 | 292 | 1 | | | | | ● | | RE COL. 34D | |
| BL-7-2 | | B1416 | B1417 | | 2 | | | | | ● | | | |
| LL-33B | | B1418 | B1419 | | 3 | | | | | ● | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| F-34A | FIRE | B1216 | B1217 | 293 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B1218 | B1219 | | 3 | | | | ● | | | | |
| | HORNS START/STOP | A1118 | A1119 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1601 | B1602 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 3-14-78 | BULL. #155 | | |



KEY PLAN

SEE SHEET E-114 & E-115 FOR RDGC U-414

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| BULL 169 | 7-18-78 | T.J. | | |
| BULL 164 | 6-13-78 | T.J. | | |
| BULL 158 | 4-11-78 | T.J. | | |

REVISIONS

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

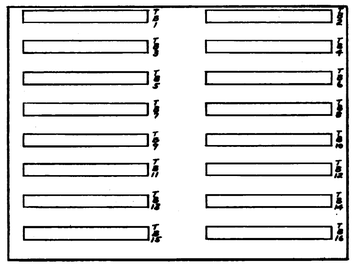
DRAWING CERTIFIED BY — DATE

TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

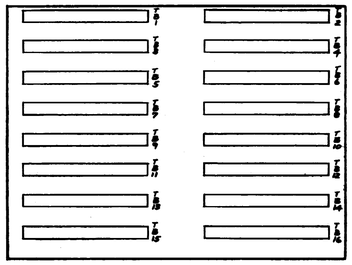
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC № U-414

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P.E. & C. PROJECT NUMBER

DATE 3-14-78

DRAWN BY D.J.T.

JOB CAPT. J. WALDROP
J. KONKLE

E-194
SHEET NUMBER

P.E. & C. 149 REV. 1-77 K&E 10 1188 5-77 3142H

PROJECT NO. 4500 SHEET NO. E-195

| EQUIPMENT DESIGNATION | POINT DESCRIPTION | WIRE NO. POS | WIRE NO. NEG | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | MONITORING POINTS & REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T-20 | TRANS. TEMP. (HIGH) | A0106 | A0107 | 1501 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHT-2 |
| P-11 | TRANS. PRES. (LOW) | A0108 | A0109 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-10 | KWHR METER | A0113 | A0114 | | 4 | | | ● | | | | | |
| KVARH-4 | KVAR-HR METER | A0116 | A0117 | | 5 | | | ● | | | | | |
| ON-16 | FEEDER BRKR #1 | A0118 | A0119 | | 6 | | | ● | | | | | REFRIGERATION MACHINE #4 |
| | SPARE | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-25 | TRANS. TEMP. (HIGH) | A0201 | A0202 | 1502 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHAC-3 |
| P-16 | TRANS PRES. (LOW) | A0203 | A0204 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-15 | KWHR METER | A0208 | A0209 | | 4 | | | ● | | | | | |
| KVARH-9 | KVAR-HR. METER | A0211 | A0212 | | 5 | | | ● | | | | | |
| ON-36 | FEEDER BRKR #1 | A0213 | A0214 | | 6 | | | ● | | | | | AIR COMP. #4 |
| | SPARE | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-19 | TRANS. TEMP. (HIGH) | A0216 | A0217 | 1503 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHKT-1 |
| P-10 | TRANS. PRES. (LOW) | A0218 | A0219 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-9 | KWHR METER | A0303 | A0304 | | 4 | | | ● | | | | | |
| KVARH-3 | KVAR-HR. METER | A0306 | A0307 | | 5 | | | ● | | | | | |
| | KWH FEEDER BRKR #1 | A0308 | A0309 | | 6 | | | ● | | | | | |
| ON-18 | FEEDER BRKR #1 | A0311 | A0312 | | 7 | | | ● | | | | | REFRIGERATION MACHINE #3 |
| | SPARE | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-24 | TRANS. TEMP. (HIGH) | A0313 | A0314 | 1504 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHAC-4 |
| P-15 | TRANS. PRES. (LOW) | A0316 | A0317 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-14 | KWHR METER | A0401 | A0402 | | 4 | | | ● | | | | | |
| KVARH-8 | KVAR-HR. METER | A0403 | A0404 | | 5 | | | ● | | | | | |
| ON-35 | FEEDER BRKR. #1 | A0406 | A0407 | | 6 | | | ● | | | | | AIR COMP. #3 |
| | SPARE | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-18 | TRANS. TEMP. (HIGH) | A0408 | A0409 | 1505 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB NO. PH-10 |
| P-9 | TRANS. PRES. (LOW) | A0411 | A0412 | | 2 | | | ● | | | | | |
| UV-2 | TRANS. VOLTAGE (UNDER) | A0413 | A0414 | | 3 | | | ● | | | | | |
| KWH-8 | KWHR METER | A0416 | A0417 | | 4 | | | ● | | | | | |
| KVARH-2 | KVAR-HR. METER | A0418 | A0419 | | 5 | | | ● | | | | | |
| ON-51 | MAIN BRKR | A0501 | A0502 | | 6 | | | ● | | | | | |
| ON-52 | FEEDER BRKR. #1 | A0503 | A0504 | | 7 | | | ● | | | | | |
| ON-53 | TIE BRKR | A0506 | A0507 | | 8 | | | ● | | | | | |
| ON-54 | FEEDER BRKR #2 | A0508 | A0509 | | 9 | | | ● | | | | | |
| ON-55 | FEEDER BRKR #3 | A0511 | A0512 | | 10 | | | ● | | | | | |
| | SPARE | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-23 | TRANS. TEMP. (HIGH) | A0513 | A0514 | 1506 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHAC-1 |
| P-14 | TRANS. PRES. (LOW) | A0516 | A0517 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-13 | KWHR METER | A0601 | A0602 | | 4 | | | ● | | | | | |
| KVARH-7 | KVAR-HR. METER | A0603 | A0604 | | 5 | | | ● | | | | | |
| ON-56 | FEEDER BRKR. #1 | A0606 | A0607 | | 6 | | | ● | | | | | AIR COMP. #2 |
| | SPARE | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-17 | TRANS. TEMP. | A0608 | A0609 | 1507 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PH-16 |
| P-8 | TRANS. PRES. | A0611 | A0612 | | 2 | | | ● | | | | | |
| UV-1 | TRANS. VOLTAGE (UNDER) | A0613 | A0614 | | 3 | | | ● | | | | | |
| KWH-7 | KWHR METER | A0616 | A0617 | | 4 | | | ● | | | | | |
| KVARH-1 | KVAR-HR. METER | A0618 | A0619 | | 5 | | | ● | | | | | |
| ON-46 | MAIN BRKR | A0701 | A0702 | | 6 | | | ● | | | | | |
| ON-47 | FEEDER BRKR #1 | A0703 | A0704 | | 7 | | | ● | | | | | |
| ON-48 | TIE BRKR | A0706 | A0707 | | 8 | | | ● | | | | | |
| ON-49 | FEEDER BRKR #2 | A0708 | A0709 | | 9 | | | ● | | | | | |
| ON-50 | FEEDER BRKR #3 | A0711 | A0712 | | 10 | | | ● | | | | | |
| | SPARE | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-22 | TRANS. TEMP. (HIGH) | A0713 | A0714 | 1508 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHVP-1 |
| P-13 | TRANS. PRES. (LOW) | A0716 | A0717 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-12 | KWHR METER | A0801 | A0802 | | 4 | | | ● | | | | | |
| KVARH-6 | KVAR-HR. METER | A0803 | A0804 | | 5 | | | ● | | | | | |
| ON-44 | MAIN BRKR | A0806 | A0807 | | 6 | | | ● | | | | | |
| ON-8 | FEEDER BRKR #1 | A0808 | A0809 | | 7 | | | ● | | | | | PAINT SHOP PUMP P-25 |
| ON-33 | FEEDER BRKR #2 | A0811 | A0812 | | 8 | | | ● | | | | | AIR COMP. #1 |
| ON-45 | TIE BRKR | A0813 | A0814 | | 9 | | | ● | | | | | |
| | SPARE | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| T-21 | TRANS. TEMP. (HIGH) | A0816 | A0817 | 1509 | 1 | | | ● | | | | | POWER HOUSE 2ND FL. SUB. NO. PHVP-2 |
| P-12 | TRANS. PRES. (LOW) | A0818 | A0819 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| KWH-11 | KWHR METER | A0903 | A0904 | | 4 | | | ● | | | | | |
| KVARH-5 | KVAR-HR. METER | A0906 | A0907 | | 5 | | | ● | | | | | |
| ON-43 | MAIN BRKR | A0908 | A0909 | | 6 | | | ● | | | | | |
| ON-7 | FEEDER BRKR #1 | A0911 | A0912 | | 7 | | | ● | | | | | PAINT SHOP PUMP P-24 |
| ON-6 | FEEDER BRKR #2 | A0913 | A0914 | | 8 | | | ● | | | | | PAINT SHOP PUMP P-23 |
| | SPARE | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| POWER HOUSE BSMT. | D.I. TANK #1 STATIS REGENER | A0916 | A0917 | 1567 | 1 | | | ● | | | | | DEIONIZED WATER CONTROL PANEL |
| | D.I. TANK #1 STATIS STAND BY | A0918 | A0919 | | 2 | | | ● | | | | | |

| EQUIPMENT DESIGNATION | POINT DESCRIPTION | WIRE NO POS | WIRE NO NEG | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | MONITORING POINTS & REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D.I. TANK #1 STATIS IN SERVICE | A1001 | A1002 | | 3 | | | ● | | | | | DEIONIZED WATER CONTROL PANEL |
| | D.I. TANK #1 STATIS EXHAUSTED | A1003 | A1004 | | 4 | | | ● | | | | | |
| | D.I. TANK #2 STATIS REGENERN | A1006 | A1007 | | 5 | | | ● | | | | | |
| | D.I. TANK #2 STATIS STAND BY | A1008 | A1009 | | 6 | | | ● | | | | | |
| | D.I. TANK #2 STATIS IN SERVICE | A1011 | A1012 | | 7 | | | ● | | | | | |
| | D.I. TANK #2 STATIS EXHAUSTED | A1013 | A1014 | | 8 | | | ● | | | | | |
| | SPARE | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | $H_2SO_4$ PUMP ALARM FAIL DURING REGENERATING | A1016 | A1017 | 1568 | 1 | | | ● | | | | | |
| | CAUSTIC PUMP ALARM FAIL DURING REGENERATING | A1018 | A1019 | | 2 | | | ● | | | | | |
| | D.I. TANK #1 TOTAL D.I. WATER | A1101 | A1102 | | 3 | | | ● | | | | | |
| | D.I. TANK #2 TOTAL D.I. WATER | A1103 | A1104 | | 4 | | | ● | | | | | |
| | $H_2SO_4$ TOTAL FLOW | A1106 | A1107 | | 5 | | | ● | | | | | |
| | CAUSTIC TOTAL FLOW | A1108 | A1109 | | 6 | | | ● | | | | | |
| | CITY WATER FLOW TO D.I. TANK #1 | A1111 | A1112 | | 7 | | | ● | | | | | |
| | CITY WATER FLOW TO D.I. TANK #2 | A1113 | A1114 | | 8 | | | ● | | | | | |
| | SPARE | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| F-1 | FIRE | B0301 | B0302 | 1569 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0303 | B0304 | | 3 | | | | ● | | | | |
| V-1 | REFRIG. MACHINE #1 SUCTION COND. VACUUM | A1116 | A1117 | 1570 | 1 | | | ● | | | | | |
| V-2 | REFRIG. MACHINE #2 SUCTION COND. VACUUM | A1118 | A1119 | 1571 | 1 | | | ● | | | | | |
| ON-24 | #P-10 REFRIG. MACH. #2 | A1201 | A1202 | 1572 | 1 | | | ● | | | | | M.C.C.-BPH-1 |
| ON-21 | #P-7 #1 | A1203 | A1204 | | 2 | | | ● | | | | | |
| ON-22 | #P-8 #1 | A1206 | A1207 | | 3 | | | ● | | | | | |
| ON-23 | #P-9 #2 | A1208 | A1209 | | 4 | | | ● | | | | | |
| ON-9 | #P-26 DE-HUM PUMP #1 | A1211 | A1212 | | 5 | | | ● | | | | | |
| ON-10 | #P-27 #2 | A1213 | A1214 | | 6 | | | ● | | | | | |
| | SPARE | | | | 7 | | | | | | | | TERM. BOX AT COL. 7-AC |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| ON-19 | #P-21 REFRIG. MACH. #3 | A1216 | A1217 | 1573 | 1 | | | ● | | | | | M.C.C.-BPH-1 |
| ON-20 | #P-22 #4 | A1218 | A1219 | | 2 | | | ● | | | | | |
| ON-11 | #P-28 ELPO. COOL WATER | A1301 | A1302 | | 3 | | | ● | | | | | |
| ON-12 | #P-29 | A1303 | A1304 | | 4 | | | ● | | | | | |
| ON-17 | #P-19 REFRIG. MACH. #1 | A1306 | A1307 | | 5 | | | ● | | | | | |
| ON-18 | #P-20 #2 | A1308 | A1309 | | 6 | | | ● | | | | | |
| | SPARE | | | | 7 | | | | | | | | TERM. BOX AT COL. 7-AC |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| F-3 | FIRE | B0306 | B0307 | 1574 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0308 | B0309 | | 3 | | | | ● | | | | |
| P-2 | #P-5 COND. PUMP | A1311 | A1312 | 1575 | 1 | | | ● | | | | | PRESSURE SWITCH |
| P-1 | FEEDWATER PUMP #P-2 | A1313 | A1314 | 1576 | 1 | | | ● | | | | | |
| | SPARE | | | 1577 | 1 | | | | | | | | BOILER AND PLANT "MASTER" CONT PANEL |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| SF-1 | STEAM FLOW BOILER #1 | A1403 | A1404 | 1578 | 1 | | | ● | | | | | PLANT FACILITIES RECORDER PANEL LOCATED IN POWER HOUSE CONTROL ROOM |
| GF-10 | GAS FLOW BOILER #1 | A1406 | A1407 | | 2 | | | ● | | | | | |
| SF-2 | STEAM FLOW BOILER #2 | A1408 | A1409 | | 3 | | | ● | | | | | |
| GF-11 | GAS FLOW BOILER #2 | A1411 | A1412 | | 4 | | | ● | | | | | |
| SF-3 | STEAM FLOW BOILER #3 | A1413 | A1414 | | 5 | | | ● | | | | | |
| GF-12 | GAS FLOW BOILER #3 | A1416 | A1417 | | 6 | | | ● | | | | | |
| WF-9 | BOILER TOTAL FEEDWATER FL | A1418 | A1419 | | 7 | | | ● | | | | | |
| SF-4 | ASSEMBLY PLANT STEAM FL | A1501 | A1502 | | 8 | | | ● | | | | | |
| OP-1 | OPACITY STACK #1 | B0501 | B0502 | | 9 | | ● | | | | | | |
| SO-1 | SO2 STACK #1 | B0503 | B0504 | | 10 | | ● | | | | | | |
| NO-1 | NOX STACK #1 | B0506 | B0507 | | 11 | | ● | | | | | | |
| SF-5 | POWER HOUSE STEAM FLOW | A1502 | A1504 | | 12 | | | ● | | | | | |
| OP-2 | OPACITY STACK #2 | B0508 | B0509 | 1579 | 1 | | ● | | | | | | |
| SO-2 | SO2 STACK #2 | B0511 | B0512 | | 2 | | ● | | | | | | |
| NO-2 | NOX STACK #2 | B0513 | B0514 | | 3 | | ● | | | | | | |
| SF-6 | HOT WATER HEAT EXCHANGE STEAM FLOW | A1506 | A1507 | | 4 | | | ● | | | | | |
| OP-3 | OPACITY STACK #3 | B0516 | B0517 | | 5 | | ● | | | | | | |
| SO-3 | SO2 STACK #3 | B0518 | B0519 | | 6 | | ● | | | | | | |
| NO-3 | NOX STACK #3 | B0601 | B0602 | | 7 | | ● | | | | | | |
| WF-7 | TOTAL MAKE UP WATER FLOW | A1508 | A1509 | | 8 | | | ● | | | | | |
| WF-8 | CONDENSATE RETURN FLOW | A1511 | A1512 | | 9 | | | ● | | | | | |
| WF-13 | HIGH TEMP. RETURN CONDENSATE | A1513 | A1514 | | 10 | | | ● | | | | | |
| - | D.I. WATER TO ASSEMBLY BLDG. HIGH CONDUCTIVITY | A1516 | A1517 | | 11 | | | ● | | | | | |
| | SPARE | | | 580 | 1 | | | | | | | | |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
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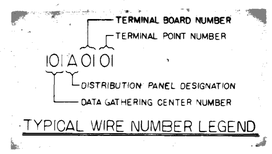
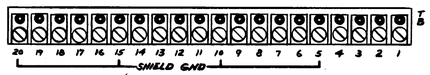
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| WF-14 | PLANT HEAT & COOL WATER FL | B0606 | B0607 | 1581 | 1 | | | ● | | | | | POWER HOUSE MONITORING & CONTROL PANEL LOCATED ON POWER HOUSE OPERATING FLR. |
| WF-16 | SPRAY BOOTH DEHUMIDIFIER WATER FLOW | B0608 | B0609 | | 2 | | | ● | | | | | |
| WF-16 | ELPO CHILLED WATER FLOW | B0611 | B0612 | | 3 | | | ● | | | | | |
| T-2 | PLANT HEAT WATER SUPPLY TEMPERATURE | B0613 | B0614 | | 4 | | | ● | | | | | |
| T-3 | PLANT COOL WATER SUPPLY TEMPERATURE | B0616 | B0617 | | 5 | | | ● | | | | | |
| T-4 | PLANT HEAT WATER RETURN TEMPERATURE | B0618 | B0619 | | 6 | | | ● | | | | | |
| T-5 | PLANT COOL WATER RETURN TEMPERATURE | B0701 | B0702 | | 7 | | | ● | | | | | |
| T-6 | SPRAY BOOTH DEHUMIDIFIER SUPPLY TEMPERATURE | B0703 | B0704 | | 8 | | | ● | | | | | |
| T-7 | SPRAY BOOTH DEHUMIDIFIER RETURN TEMPERATURE | B0706 | B0707 | | 9 | | | ● | | | | | |
| T-8 | ELPO CHILLED WATER SUPPLY TEMPERATURE | B0709 | B0710 | 1582 | 1 | | | ● | | | | | |
| T-9 | ELPO CHILLED WATER RETURN TEMPERATURE | B0711 | B0712 | | 2 | | | ● | | | | | |
| T-10 | KERLO CONDENSER WATER TEMPERATURE | B0712 | B0714 | | 3 | | | ● | | | | | |
| T-15 | COOLING TOWERS SUPPLY TEMPERATURE | B0716 | B0717 | | 4 | | | ● | | | | | |
| | CHILLED WATER RETURN TEMP. | B0718 | B0719 | | 5 | | | ● | | | | | |
| T-1 | CONDENSATE RETURN TEMP. | B0602 | B0604 | | 6 | | | ● | | | | | |
| | SPARE | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| ON-1 | FEED WATER PUMP #P-1 | A1518 | A1519 | 1583 | 1 | | | ● | | | | | MCC #-1-1 PH-1 |
| ON-2 | FEED WATER PUMP #P-3 | A1601 | A1602 | | 2 | | | ● | | | | | |
| ON-3 | CONDENSATE PUMP #P-4 | A1603 | A1604 | | 3 | | | ● | | | | | |
| ON-4 | CONDENSATE PUMP #P-6 | A1606 | A1607 | | 4 | | | ● | | | | | |
| | ENERGY BUS VOLTAGE | B0213 | B0214 | | 5 | | | ● | | | | | AUTO TRANSFER SWITCH FOR MCC #1-FIRE |
| | EMERG. GENERATOR ON | B0216 | B0217 | | 6 | | | ● | | | | | |

| EQUIPMENT DESIGNATION | POINT DESCRIPTION | WIRE NO POS | WIRE NO NEG | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC PANEL TERMINAL NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | MONITORING POINTS & REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SPARE | | | 1583 | 7 | | | | | | | | | TERM. BOX AT COL. 8C |
| | | | | | 8 | | | | | | | | | |
| | | | | | 9 | | | | | | | | | |
| | | | | | 10 | | | | | | | | | |
| | | | | | 11 | | | | | | | | | |
| | | | | | 12 | | | | | | | | | |
| ON-14 | REFRIGERATION MACH #2 | A1608 | A1609 | 1584 | 1 | | | | ● | | | | | CHILLER #2 CONTROL PANEL ON OPERATING FLOOR |
| ON-13 | REFRIGERATION MACH #1 | A1611 | A1612 | 1585 | 1 | | | | ● | | | | | CHILLER #1 CONTROL PANEL ON OPERATING FLOOR |
| P- | COMPRESSED AIR FLOW | A1613 | A1614 | 1586 | 1 | | | | ● | | | | | AIR COMPRESSOR #4 CONTROL PNL |
| | AIR COMPRESSOR #2 - ANNUNCIATOR | A1616 | A1617 | | 2 | | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | | |
| F- | COMPRESSED AIR FLOW | A1618 | A1619 | 1587 | 1 | | | | ● | | | | | AIR COMPRESSOR #3 CONTROL PNL |
| | AIR COMPRESSOR #3 - ANNUNCIATOR | B0101 | B0102 | | 2 | | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | | |
| F- | COMPRESSED AIR FLOW | B0103 | B0104 | 1588 | 1 | | | | ● | | | | | AIR COMPRESSOR #2 CONTROL PNL |
| | AIR COMPRESSOR #2 - ANNUNCIATOR | B0106 | B0107 | | 2 | | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | | |
| F- | COMPRESSED AIR FLOW | B0108 | B0109 | 1589 | 1 | | | | ● | | | | | AIR COMPRESSOR #1 CONTROL PNL |
| | AIR COMPRESSOR #1 - ANNUNCIATOR | B0111 | B0112 | | 2 | | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | | |
| F-3 | COMPRESSED AIR HEATER | B0113 | B0114 | 1590 | 1 | | | | ● | | | | | OPERATING FL. COL 7AN |
| F-4 | FIRE | B0316 | B0317 | 1591 | 1 | | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0318 | B0319 | | 3 | | | | | ● | | | | |
| | WIND SPEED | B0801 | B0802 | 1592 | 1 | | | ● | | | | | | WEATHER STATION |
| | WIND DIRECTION | B0803 | B0804 | | 2 | | | ● | | | | | | |
| | RELATIVE HUMIDITY | B0806 | B0807 | | 3 | | | ● | | | | | | |
| | TEMPERATURE | B0808 | B0809 | | 4 | | | ● | | | | | | |
| | BAROMETRIC PRESS | B0811 | B0812 | | 5 | | | ● | | | | | | |
| | NET RADIATION | B0813 | B0814 | | 6 | | | ● | | | | | | |
| | PRECIPITATION | B0816 | B0817 | | 7 | | | ● | | | | | | |
| | SPARE | | | | 8 | | | | | | | | | |
| | | | | | 9 | | | | | | | | | |
| W-1 | COAL SCALE BOILER #1 | B0116 | B0117 | 1593 | 1 | | | | ● | | | | | COAL SCALE #1 CONTROL PNL |
| W-2 | COAL SCALE BOILER #2 | B0118 | B0119 | 1594 | 1 | | | | ● | | | | | COAL SCALE #2 CONTROL PNL |
| W-3 | COAL SCALE BOILER #3 | B0201 | B0202 | 1595 | 1 | | | | ● | | | | | COAL SCALE #3 CONTROL PNL |
| - | LOST A.C. POWER TO BATTERY CHARGER | B0208 | B0209 | 1596 | 1 | | | | ● | | | | | EMERGENCY GEN. CONTROL PNL |
| - | LOW BATTERY VOLTAGE | B0211 | B0212 | | 2 | | | | ● | | | | | |
| - | SPARE | | | | 3 | | | | | | | | | |
| LL-19 | DIESEL OIL STORAGE LOW FUEL LEVEL | B0203 | B0204 | 1597 | 1 | | | | ● | | | | | COL. E-3½ LEVEL INDICATING PNL |
| CS | CLOCK CONNECTION | B0101 | B0102 | 1598 | 1 | | | | | ● | | | | POWER HOUSE CONTROL ROOM |
| F-2 | FIRE | B0406 | B0407 | 1599 | 1 | | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0408 | B0409 | | 3 | | | | | ● | | | | |
| AF-17 | COMPRESSOR AIR FLOW TO POWER HOUSE | B0206 | B0207 | 1600 | 1 | | | | ● | | | | | COL. 5-AN |
| | HORNS START/STOP | B1101 | B1102 | HC | 1 | | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B1101 | B1102 | | 2 | | | | | ● | | | | |
| | SPACE | | | | 3 | | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | | |
| SOL | POWERHOUSE STACK OBSTRUCTION LIGHT NUMBER | B0311 | B0312 | 1650 | 1 | | | | | ● | | | | |

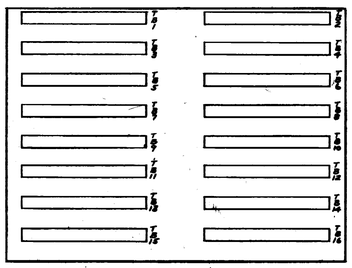



TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

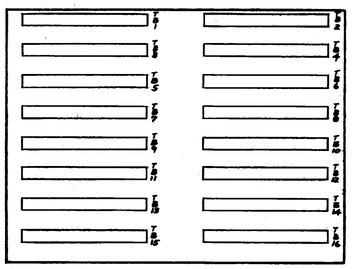
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

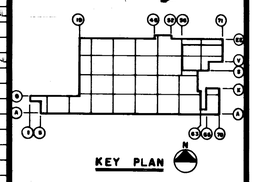
| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-75 | BULL #158 | | |
| BULL 164 | 6-13-78 | TJ | |
| ECO #322 | 5-10-79 | T.J. | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| REVISIONS | | | | |

CONTRACT SIGNATURES — FOR THE OWNER — FOR THE CONTRACTOR

DRAWING CERTIFIED BY — DATE

SEE SHEET E-123 FOR RDGC U-501



KEY PLAN

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**GM ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № U-501

SHEET TITLE

OWNER'S IDENTIFICATION

P. E. & C. PROJECT NUMBER: 4500

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP, J. KONKLE

SHEET NUMBER: E-195

P.E.&C. 145 REV. 1-77 K&E 10 1199 3-77 3140

PROJECT NO. 4500 SHEET NO. E-196

| BUILDING DESIGNATION | POINT DESCRIPTION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | MONITORING POINTS & REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CTPH SUB P.A | TRANS.TEMP. (HIGH) | A0106 | A0107 | 1510 | 1 | | | ● | | | | | T-26 |
| | TRANS. PRESS (LOW) | A0108 | A0109 | | 2 | | | ● | | | | | P-17 |
| | TRANS VOLTAGE (UNDER) | A0111 | A0112 | | 3 | | | ● | | | | | UV-10 |
| | KWHR METER | A0113 | A0114 | | 4 | | | ● | | | | | KWH-16 |
| | KVAR-HR METER | A0116 | A0117 | | 5 | | | ● | | | | | KVARH-10 |
| | MAIN BRKR. | A0118 | A0119 | | 6 | | | ● | | | | | ON-56 |
| | TIE BRKR. | A0201 | A0202 | | 7 | | | ● | | | | | ON-58 |
| | FEEDER BRKR #1 | A0203 | A0204 | | 8 | | | ● | | | | | ON-57 |
| | #2 | A0206 | A0207 | | 9 | | | ● | | | | | ON-59 |
| | #3 | A0208 | A0209 | | 10 | | | ● | | | | | ON-60 |
| | SPARE | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| CTPH SUB #1B | TRANS. TEMP. (HIGH) | A0211 | A0212 | 1511 | 1 | | | ● | | | | | T-27 |
| | TRANS. PRESS. (LOW) | A0213 | A0214 | | 2 | | | ● | | | | | P-18 |
| | TRANS. VOLTAGE (UNDER) | A0216 | A0217 | | 3 | | | ● | | | | | UV-11 |
| | KWHR METER | A0218 | A0219 | | 4 | | | ● | | | | | KWH-17 |
| | KVAR-HR METER | A0301 | A0302 | | 5 | | | ● | | | | | KVARH-11 |
| | MAIN BRKR. | A0303 | A0304 | | 6 | | | ● | | | | | ON-61 |
| | TIE BRKR. | A0306 | A0307 | | 7 | | | ● | | | | | ON-63 |
| | FEEDER BRKR #1 | A0308 | A0309 | | 8 | | | ● | | | | | ON-62 |
| | #2 | A0311 | A0312 | | 9 | | | ● | | | | | ON-64 |
| | #3 | A0213 | A0314 | | 10 | | | ● | | | | | ON-65 |
| | SPARE | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| FIRE PRO PUMP HSE | PRESSURE SWITCH | B0201 | B0202 | 1512 | 1 | | | | ● | | | | LOSS OF PRESSURE |
| | TANK #2 | A1601 | A1602 | 1513 | 1 | | | | ● | | | | LOW LEVEL |
| | | A1603 | A1604 | 1514 | 1 | | | | ● | | | | LOW TEMP. |
| | JOCKEY PUMP | A1606 | A1607 | 1515 | 1 | | | | ● | | | | ON |
| | | A1608 | A1609 | | 2 | | | | ● | | | | POWER |
| | SPARE | | | | 3 | | | | | | | | |
| | PRESSURE SWITCH | B0203 | B0204 | 1516 | 1 | | | | ● | | | | LOSS OF PRESSURE |
| | TANK #1 | A1611 | A1612 | 1517 | 1 | | | | ● | | | | LOW LEVEL |
| | | A1613 | A1614 | 1518 | 1 | | | | ● | | | | LOW TEMP. |
| | FIRE PUMP #1 | A1616 | A1617 | 1519 | 1 | | | | ● | | | | CONTROL PANEL POWER |
| | | A1618 | A1619 | | 2 | | | | ● | | | | ON |
| | | B0101 | B0102 | | 3 | | | | ● | | | | LOW BATTERY VOLTAGE |
| | | B0103 | B0104 | | 4 | | | | ● | | | | BATTERY CHARGER A.C. POWER |
| | SPARE | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | DIESEL FUEL STOR. TANK #1 | B0106 | B0107 | 1520 | 1 | | | | ● | | | | LOW FUEL LEVEL |
| | #2 | B0108 | B0109 | 1521 | 1 | | | | ● | | | | |
| | FIRE PUMP #2 | B011 | B0112 | 1522 | 1 | | | | ● | | | | CONTROL PANEL POWER |
| | | B0113 | B0114 | | 2 | | | | ● | | | | ON |
| | | B0116 | B0117 | | 3 | | | | ● | | | | LOW BATTERY VOLTAGE |
| | | B0118 | B0119 | | 4 | | | | ● | | | | BATTERY CHARGER A.C. POWER |
| | SPARE | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | 1523 | 1 | | | | | | | | |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
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| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | FIRE | B0611 | B0612 | 1644 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | B0613 | B0614 | | 3 | | | | ● | | | | |
| PRIMARY SW. HOUSE | DOOR SWITCH Nº 2 | B0616 | B0617 | 1524 | 1 | | | | ● | | | | OPEN |
| | SPARE | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| | LINE #1 SWITCHGEAR | A0216 | A0217 | 1525 | 1 | | | ● | | | | | PRIMARY KW-HR |
| | | A0218 | A0219 | | 2 | | | ● | | | | | PRIMARY KVAR |
| | | A0401 | A0402 | | 3 | | | ● | | | | | ON-MAIN BREAKER |
| | | A0403 | A0404 | | 4 | | | ● | | | | | ON-TIE BREAKER |
| | | A0406 | A0407 | | 5 | | | ● | | | | | ON-FEEDER BREAKER 1-1 |
| | | A0408 | A0409 | | 6 | | | ● | | | | | 1-2 |
| | | A0411 | A0412 | | 7 | | | ● | | | | | 1-3 |
| | | A0413 | A0416 | | 8 | | | ● | | | | | 1-4 |
| | | A0416 | A0417 | | 9 | | | ● | | | | | 1-5 |
| | | A0418 | A0419 | 1526 | 1 | | | ● | | | | | 1-6 |
| | | A0501 | A0502 | | 2 | | | ● | | | | | 1-7 |
| | | A0503 | A0504 | | 3 | | | ● | | | | | 1-8 |
| | | A0506 | A0507 | | 4 | | | ● | | | | | 1-9 |
| | SPARE | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | LINE #2 SWITCHGEAR | A0508 | A0509 | 1527 | 1 | | | ● | | | | | PRIMARY KW-HR |
| | | A0511 | A0512 | | 2 | | | ● | | | | | PRIMARY KVAR |
| | | A0513 | A0514 | | 3 | | | ● | | | | | ON-MAIN BREAKER |
| | | A0516 | A0517 | | 4 | | | ● | | | | | ON-TIE BREAKER |
| | | A05 8 | A0519 | | 5 | | | ● | | | | | ON-FEEDER BREAKER 2-1 |
| | | A0601 | A0602 | | 6 | | | ● | | | | | 2-2 |
| | | A0603 | A0604 | | 7 | | | ● | | | | | 2-3 |
| | | A0606 | A0607 | | 8 | | | ● | | | | | 2-4 |
| | | A0608 | A0609 | | 9 | | | ● | | | | | 2-5 |
| | | A0611 | A0612 | 1528 | 1 | | | ● | | | | | 2-6 |
| | | A0613 | A0614 | | 2 | | | ● | | | | | 2-7 |
| | | A0616 | A0617 | | 3 | | | ● | | | | | 2-8 |
| | SPARE | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | BATTERY CHARGER | A0616 | A0619 | 1529 | 1 | | | ● | | | | | BATTERY CHARGER A.C. POWER |
| | | A0701 | A0702 | | 2 | | | ● | | | | | LOW BATTERY VOLTAGE |
| | | A0703 | A0704 | | 3 | | | ● | | | | | BATTERY GROUND DETECTOR |
| | SPARE | | | 1530 | 1 | | | | | | | | |
| | | | | | 2 | | | | | | | | |
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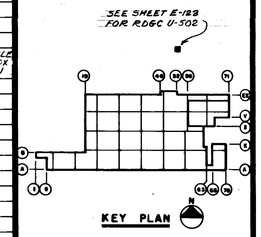
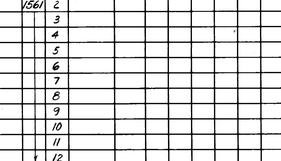
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |

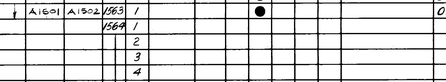
| BUILDING DESIGNATION | POINT DESCRIPTION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | MONITORING POINTS & REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRIMARY SW. HSE. | SPARE | | | 1530 | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| COOLING TOWER | HEAT TRACE ALARM & LOW TEMP. | A0706 | A0707 | 1531 | 1 | | | ● | | | | | T-16 |
| | AIR COMPRESSOR COOLING RECLAIM WATER TRACE-UP | A0708 | A0709 | 1532 | 1 | | | ● | | | | | M-4 |
| | AIR COMPRESSOR COOLING CITY WATER TRACE-UP | A0711 | A0712 | 1533 | 1 | | | ● | | | | | M-3 |
| | CHILLER COOLING TOWER CITY WATER TRACE-UP | A0713 | A0714 | 1534 | 1 | | | ● | | | | | M-1 |
| | CHILLER COOLING TOWER RECLAIM WATER TRACE-UP | A0716 | A0717 | 1535 | 1 | | | ● | | | | | M-2 |
| | FIRE | B0618 | B0618 | 1536 | 1 | | | | ● | | | | F-5 |
| | TELEPHONE | | | | 2 | | | | | | | | F-5 TO HORN CTL. ENCLR. |
| | WATCH | B0206 | B0207 | | 3 | | | | ● | | | | F-5 |
| | REFRIG. COOL. TWR. BASIN | A0718 | A0719 | 1537 | 1 | | | ● | | | | | HL-4 |
| | C.T. WATER BASIN | A0801 | A0802 | 1538 | 1 | | | ● | | | | | LL-6 |
| | | A0803 | A0804 | 1539 | 1 | | | ● | | | | | HL-7 |
| | REFRIG. COOL. TWR. BASIN | A0806 | A0807 | 1540 | 1 | | | ● | | | | | LL-5 |
| | P-301 M.C.C.-CTPH-1 | A0808 | A0809 | 1541 | 1 | | | ● | | | | | ON-37 TERMINATE CABLE IN J.B. #3 |
| | P-305 | A0811 | A0812 | | 2 | | | ● | | | | | ON-25 |
| | P-309 | A0813 | A0814 | | 3 | | | ● | | | | | ON-29 |
| | SPARE | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | F-301 M.C.C.-CTPH-2 | A0816 | A0817 | 1542 | 1 | | | ● | | | | | ON-41 |
| | F-304 | A0818 | A0819 | | 2 | | | ● | | | | | ON-30 |
| | P-302 | A0901 | A0902 | | 3 | | | ● | | | | | ON-38 |
| | P-306 | A0903 | A0904 | | 4 | | | ● | | | | | ON-26 |
| | SPARE | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | F-305 M.C.C.-CTPH-3 | A0906 | A0907 | 1543 | 1 | | | ● | | | | | ON-31 |
| | P-303 | A0908 | A0909 | | 2 | | | ● | | | | | ON-39 |
| | P-307 | A0911 | A0912 | | 3 | | | ● | | | | | ON-37 |
| | SPARE | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | F-302 M.C.C.-CTPH-4 | A0913 | A0914 | 1544 | 1 | | | ● | | | | | ON-42 |
| | F-306 | A0916 | A0917 | | 2 | | | ● | | | | | ON-32 |
| | P-304 | A0918 | A0919 | | 3 | | | ● | | | | | ON-40 |
| | P-308 | A1001 | A1002 | | 4 | | | ● | | | | | ON-28 |
| | SPARE | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| PIV #18 | VALVED CLOSED | B0601 | B0602 | 1545 | 1 | | | | ● | | | | |
| PIV #19 | | B0603 | B0604 | | 2 | | | | ● | | | | |
| | FIRE PROTECTION SYSTEM DISCHARGE | B0606 | B0607 | | 3 | | | | ● | | | | PARALLEL W/ FOUR PRESSURE SWITCHES |
| | FIRE PROTECTION SYSTEM LOW PRESSURE | B0608 | B0609 | | 4 | | | | ● | | | | PARALLEL W/ FOUR PRESSURE SWITCHES |
| | SPARE | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | SITE LIGHTS M.C.C.-CTPH-5 | A1003 | A1004 | 1546 | 1 | | | ● | | | | | LIGHTS "ON" |
| | | B0601 | B0602 | | 2 | | | | | ● | | RE COL. A2 | LIGHTS OFF/ON |
| | SPARE | | | | 3 | | | | | | | | |
| WASTE TREATMT. BUILDING | RECLAIMED WATER TO MANUFACTURING PLANT | A1006 | A1007 | 1549 | 1 | | | ● | | | | | M-5 |
| | PRESSURE FILTER #1 | A1008 | A1009 | 1550 | 1 | | | ● | | | | | ON |
| | #2 | A1011 | A1012 | 1551 | 1 | | | ● | | | | | ON |
| | AIR COMPRESSOR #1 M.C.C. #2 | A1013 | A1014 | 1552 | 1 | | | ● | | | | | ON-66 TERMINATE CABLE IN TERMINAL BOX AT COLUMN C-3 ON SECOND FLOOR |
| | #2 | A1016 | A1017 | | 2 | | | ● | | | | | ON-67 |
| | BLEND TANK-MIX #2 | A1018 | A1019 | | 3 | | | ● | | | | | ON-71 |
| | FLASH MIXER #1 | A1101 | A1102 | | 4 | | | ● | | | | | ON-72 |
| | COAG. PUMP #P-24 | A1103 | A1104 | | 5 | | | ● | | | | | ON-73 |
| | #P-25 | A1106 | A1107 | | 6 | | | ● | | | | | ON-74 |
| | CLARIFER RAKE | A1108 | A1109 | | 7 | | | ● | | | | | OL-1 |
| | SPARE | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | EQUAL TANK #1 | A1111 | A1112 | 1553 | 1 | | | ● | | | | | HL-8 I & C PANEL |
| | #2 | A1113 | A1114 | | 2 | | | ● | | | | | HL-9 |
| | INLET VALVE-TANK #1 | A1116 | A1117 | | 3 | | | ● | | | | | OPN-1 |
| | #1 | A1118 | A1119 | | 4 | | | ● | | | | | CL-1 |
| | #2 | A1201 | A1202 | | 5 | | | ● | | | | | OPN-2 |
| | #2 | A1203 | A1204 | | 6 | | | ● | | | | | CL-2 |
| | WATER LEVEL-TANK #1 | A1206 | A1207 | | 7 | | | ● | | | | | LL-10 |
| | #2 | A1208 | A1209 | | 8 | | | ● | | | | | LL-11 |
| | OUTLET VALVE-TANK #1 | A1211 | A1212 | | 9 | | | ● | | | | | OPN-3 |
| | #1 | A1213 | A1214 | | 10 | | | ● | | | | | CL-3 |
| | SPARE | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | OUTLET VALVE-TANK #2 | A1216 | A1217 | 1554 | 1 | | | ● | | | | | OPN-4 I & C PANEL |
| | #2 | A1218 | A1219 | | 2 | | | ● | | | | | CL-4 |
| | WATER VOLUME TO CLARIFIER | A1301 | A1302 | | 3 | | | ● | | | | | WF-18 |
| | PH OF WATER TO COL. PRIFIER | A1303 | A1304 | | 4 | | | ● | | | | | PH-1 |
| | COAGULANT STORAGE TANK | A1306 | A1307 | | 5 | | | ● | | | | | LL-12 |
| | WATER FLOW TO SEWER | A1308 | A1309 | | 6 | | | ● | | | | | WF-19 |
| | RECLAIM WATER STORAGE TANK | A1311 | A1312 | | 7 | | | ● | | | | | LL-14 |
| | | A1313 | A1314 | | 8 | | | ● | | | | | HL-15 |
| | Na OCL STORAGE TANK | A1316 | A1317 | | 9 | | | ● | | | | | LL-16 |
| | BUILDING SUMP LEVEL | A1318 | A1319 | | 10 | | | ● | | | | | HL-13 |
| | SPARE | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | HEAT TRACE ALARM LOW TEMPERATURE | A1401 | A1402 | 1555 | 1 | | | ● | | | | | T-28 |
| | CITY WATER MAKE-UP TO RECLAIM WATER TANK | A1403 | A1404 | 1556 | 1 | | | ● | | | | | M-6 |
| | SULFURIC ACID USE-TOTALIZED | A1406 | A1407 | 1557 | 1 | | | ● | | | | | M-7 |
| | LIQUID CAUSTIC USE-TOTALIZED | A1408 | A1409 | 1558 | 1 | | | ● | | | | | M-8 |
| | FIRE | B0208 | B0209 | 1559 | 1 | | | | ● | | | | F-6 |
| | TELEPHONE | | | | 2 | | | | | | | | F-6 TO HORN CTL. ENCLR. |
| | WATCH | B0211 | B0212 | | 3 | | | | ● | | | | F-6 |
| | TRANS. PUMP #P-15 M.C.C. #1 | A1411 | A1412 | 1560 | 1 | | | ● | | | | | ON-68 TERMINATE CABLE IN TERMINAL BOX AT COLUMN C-3 ON FIRST FLOOR |
| | #P-16 | A1413 | A1414 | | 2 | | | ● | | | | | ON-69 |
| | #P-17 | A1416 | A1417 | | 3 | | | ● | | | | | ON-70 |
| | FLOW SWITCH | B0301 | B0302 | | 4 | | | | ● | | | | |
| | PIV VALVE CLOSED | B0303 | B0304 | | 5 | | | | ● | | | | |
| | TAMPER SWITCH TS-WT | B0306 | B0307 | | 6 | | | | ● | | | | |
| | SPARE | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | 1561 | 1 | | | | | | | | |

| BUILDING DESIGNATION | POINT DESCRIPTION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | MONITORING POINTS & REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WASTE TREATMENT BUILDING | SPARE | | | 1561 | 2 | | | | | | | | TERMINATE CABLE IN TERMINAL BOX AT COLUMN C-3 ON FIRST FLOOR |
| | | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| SOLID SEPARATOR BUILDING | SEPARATOR #2 CONTROL PNL. | A1418 | A1419 | 1562 | 1 | | | ● | | | | | OL-6 |
| | #1 | A1501 | A1502 | 1563 | 1 | | | ● | | | | | OL-5 |
| | SPARE | | | 1564 | 1 | | | | | | | | TERMINATE CABLE IN TERMINAL BOX AT COLUMN B-1 |
| | | | | | 2 | | | | | | | | |
| | | | | | 3 | | | | | | | | |
| | | | | | 4 | | | | | | | | |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| | | | | | 7 | | | | | | | | |
| | | | | | 8 | | | | | | | | |
| | | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | SEP. PUMP #P-1 M.C.C. #3 | A1503 | A1504 | 1565 | 1 | | | ● | | | | | ON-75 |
| | #P-2 | A1506 | A1507 | | 2 | | | ● | | | | | ON-76 |
| | #P-3 | A1508 | A1509 | | 3 | | | ● | | | | | ON-77 |
| | #P-1 | A1511 | A1512 | | 4 | | | ● | | | | | OL-2 |
| | #P-2 | A1513 | A1514 | | 5 | | | ● | | | | | OL-3 |
| | #P-3 | A1516 | A1517 | | 6 | | | ● | | | | | OL-4 |
| | SUMP PUMP #P-4 | A1518 | A1519 | | 7 | | | ● | | | | | HL-17 |
| | WET WELL LEVEL | B0401 | B0402 | | 8 | | | ● | | | | | HL-18 |
| | SPARE | | | | 9 | | | | | | | | |
| | | | | | 10 | | | | | | | | |
| | | | | | 11 | | | | | | | | |
| | | | | | 12 | | | | | | | | |
| | FIRE | B0213 | B0214 | 1566 | 1 | | | ● | | | | | F-7 |
| | TELEPHONE | | | | 2 | | | | | | | | F-7 TO HORN CTL. ENCLR. |
| | WATCH | B0216 | B0217 | | 3 | | | ● | | | | | F-7 |
| | HORNS START/STOP | B0516 | B0517 | HC | 1 | | | | ● | | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | B0218 | B0219 | | 2 | | | ● | | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |



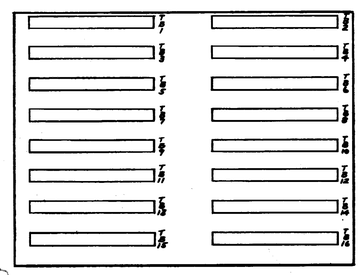




TYPICAL WIRE NUMBER LEGEND




TYPICAL TERMINAL BOARD

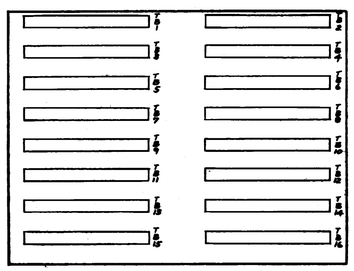
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-1-78 | BULL. # 168 | | |

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| EFO 404 | 8-28-78 | T.J. | | |
| BULL #168 | 7-18-78 | T.J. | | |
| EFO 313 | 6-14-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION MANUFACTURING STAFF GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT FOR OKLAHOMA INDUSTRIES AUTHORITY TENANCY BY

**G M ASSEMBLY DIVISION**

GENERAL MOTORS CORPORATION

OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC Nº U-502

SHEET TITLE

OWNER'S IDENTIFICATION

4500 P. E. & C. PROJECT NUMBER

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP J. KONKLE

E-196 SHEET NUMBER

P.E.&C. 148 REV. 1-77 KOBE 19 1198 3-77 3160

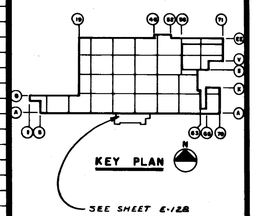
PROJECT NO. 4500 SHEET NO. E-197

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO POS. | WIRE NO NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | CLOCK CORRECTION | A0601 | A0602 | 1115 | 1 | | | | | ● | | RE COL 44 $C_x$ | |
| | | | | | 2 | | | | | | | | SPARE PAIR |
| | | | | | 3 | | | | | | | | |
| C | CLOCK CORRECTION | A0603 | A0604 | 1116 | 1 | | | | | ● | | RE COL 43 1/3 $D_x$ | |
| SL-2 | LIGHTS OFF/ON | A0616 | A0617 | | 2 | | | | | ● | | | |
| FP-1 | | A0618 | A0619 | | 3 | | | | | ● | | | |
| F-43 1/3 $D_x$ | FIRE | A0201 | A0202 | 1117 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0203 | A0204 | | 3 | | | | ● | | | | |
| F-42 $D_x$ | FIRE | A0206 | A0207 | 1118 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0208 | A0209 | | 3 | | | | ● | | | | |
| FS-22-2 | FLOW SWITCH | A0211 | A0212 | 1119 | 1 | | | | ● | | | | |
| F-40 $A_x$ | FIRE | A0213 | A0214 | 1120 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0216 | A0217 | | 3 | | | | ● | | | | |
| F-38 2/3 $D_x$ | FIRE | A0218 | A0219 | 1121 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0301 | A0302 | | 3 | | | | ● | | | | |
| F-36 2/3 $A_x$ | FIRE | A0303 | A0304 | 1122 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0306 | A0307 | | 3 | | | | ● | | | | |
| F-34 2/3 $B_x$ | FIRE | A0308 | A0309 | 1123 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0311 | A0312 | | 3 | | | | ● | | | | |
| DC-A-2 | DRY CHEMICAL - FRYERS | A0313 | A0314 | 1124 | 1 | | | | ● | | | | |
| DC-A-1 | - HOODS | A0316 | A0317 | 1125 | 1 | | | | ● | | | | |
| F-34 2/3 $C_x$ | FIRE | A0318 | A0319 | 1126 | 1 | | | | ● | | | | |
| | TELEPHONE | | | | 2 | | | | | | | | TO HORN CONTROL ENCLOSURE |
| | WATCH | A0401 | A0402 | | 3 | | | | ● | | | | |
| HALON PANEL | COMPUTER ROOM #177 | A0403 | A0404 | 1127 | 1 | | | | ● | | | | |
| | TAPE VAULT ROOM #178 | A0406 | A0407 | | 2 | | | | ● | | | | |
| | P. STORAGE ROOM #179 | A0408 | A0409 | | 3 | | | | ● | | | | |
| | | | | | 4 | | | | | | | | SPARE PAIR |
| | | | | | 5 | | | | | | | | |
| | | | | | 6 | | | | | | | | |
| FS-21-2 | FLOW SWITCH | A0411 | A0412 | 1128 | 1 | | | | ● | | | | |
| SL-1 | LIGHTS | A0108 | A0109 | 1129 | 1 | | ● | | | | | RE COL 32 2/3 $B_x$ | |
| | MASTER CLOCK | A0106 | A0107 | 1130 | 1 | | ● | | | | | | |
| PS-102 | PRESSURE SWITCH | A0413 | A0414 | 1131 | 1 | | | | ● | | | | |
| C | CLOCK CORRECTION | A0608 | A0609 | 1132 | 1 | | | | | ● | | RE COL 38 2/3 $D_x$ | |
| PIV-P-1 | VALVE OPEN | A0416 | A0417 | 1610 | 1 | | | | ● | | | | |
| | HORNS START/STOP | A0601 | A0602 | HC | 1 | | | | | ● | | | HORN CONTROL ENCLOSURE |
| | HORNS ON/OFF | A0701 | A0702 | | 2 | | | | ● | | | | |
| | SPARE | | | | 3 | | | | | | | | |
| | VOICE MODEM | | | VM | 1 | | | | | | | | |
| | TONE SHIFT INDICATION | A0603 | A0604 | TG-1 | 1 | | | | | ● | | | TONE GENERATOR |
| | | A0703 | A0704 | | 2 | | | | ● | | | | |
| | TONE FIRE ALARM | A0606 | A0607 | | 3 | | | | | ● | | | |
| | | A0706 | A0707 | | 4 | | | | ● | | | | |
| | TONE TORNADO ALERT | A0608 | A0609 | | 5 | | | | | ● | | | |
| | | A0708 | A0709 | | 6 | | | | ● | | | | |
| | TONE WATER FLOW CODES | A0611 | A0612 | | 7 | | | | | ● | | | |
| | | A0711 | A0712 | | 8 | | | | ● | | | | |
| | TONE GEN. OUTPUT | A0613 | A0614 | | 9 | | | | | ● | | | |
| | | A0713 | A0714 | | 10 | | | | ● | | | | |
| | MONITOR INPUT POWER | A0716 | A0717 | | 11 | | | | ● | | | | |
| | SPARE | | | | 12 | | | | | | | | |
| | SIGNAL LINE | | | TG-2 | 1 | | | | | | | | TONE GEN. TO AUDIO MODEM IN DGC |
| | 12 V POWER | | | TG-3 | 1 | | | | | | | | TONE GEN. TO BUS IN DGC |
| SL-2 | LIGHTS | A0111 | A0112 | 1636 | 1 | | ● | | | | | RE COL 43 1/3 $D_x$ | |
| FP-1 | | A0113 | A0114 | 1637 | 1 | | ● | | | | | | |
| C3 | CLOCK CORRECTION | A0506 | A0507 | 1638 | 1 | | | | | ● | | RE COL 32 2/3 $B_x$ | |
| SL-1 | LIGHTS OFF/ON | A0511 | A0512 | | 2 | | | | | ● | | | |
| | SPARE | | | | 3 | | | | | | | | |
| SCV-A1 | VALVE CLOSED | A0718 | A0719 | 1606 | 1 | | | | ● | | | | |
| SCV-A2 | VALVE CLOSED | A0418 | A0419 | 1607 | 1 | | | | ● | | | | |
| TS-21-2 | TAMPER SWITCH | A0801 | A0802 | 1659 | 1 | | | | ● | | | | |
| TS-22-2 | TAMPER SWITCH | A0803 | A0804 | 1660 | 1 | | | | ● | | | | |

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO POS | WIRE NO NEG | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO POS | WIRE NO NEG | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|
| 4-11-78 | BULL. #168 | | |

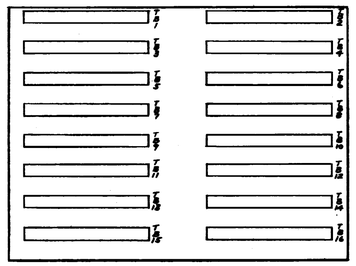



TERMINAL BOARD NUMBER
TERMINAL POINT NUMBER
101 A 01 01
DISTRIBUTION PANEL DESIGNATION
DATA GATHERING CENTER NUMBER

TYPICAL WIRE NUMBER LEGEND

TYPICAL TERMINAL BOARD

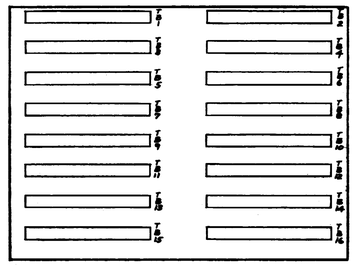
N.T.S.



EXPANSION DISTRIBUTION PANEL-B

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.



DISTRIBUTION PANEL-A

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|
| EFO 428 | 10-24-78 | T.J. | | |
| BULL 165 | 6-16-78 | TJ | | |
| BULL 164 | 6-13-78 | TJ | | |
| EFO #321 | 5-10-78 | TJ | | |

REVISIONS

CONTRACT SIGNATURES

FOR THE OWNER

FOR THE CONTRACTOR

DRAWING CERTIFIED BY

DATE

PLANT ENGINEERING AND CONSTRUCTION
MANUFACTURING STAFF
GENERAL MOTORS CORPORATION

NEW MANUFACTURING PLANT
FOR
OKLAHOMA INDUSTRIES AUTHORITY
TENANCY BY
**G M ASSEMBLY DIVISION**
GENERAL MOTORS CORPORATION
OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE
RDGC Nº-U-601

SHEET TITLE

OWNER'S IDENTIFICATION

4500
P. E. & C. PROJECT NUMBER

DATE

DRAWN BY D. J. T.

JOB CAPT. J. WALDROP
J. KONKLE

E-197
SHEET NUMBER

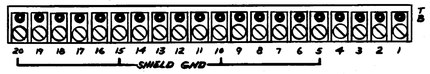
P.E.&C. 148 REV. 1-77 K&E 19 1138 3-77 3142H

PROJECT NO. 4500 SHEET NO. E-

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

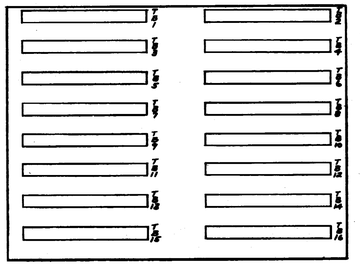
| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| EQUIPMENT DESIGNATION | POINT DESIGNATION | WIRE NO. POS. | WIRE NO. NEG. | MULTI-PAIR CABLE CABLE NUMBER | MULTI-PAIR CABLE PAIR NUMBER | | RDGC INTERFACE CARD CARD SLOT No. | ANALOG | DIGITAL | SECURITY | START/STOP | OTHER | REMOTE CARD LOCATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|




TYPICAL TERMINAL BOARD

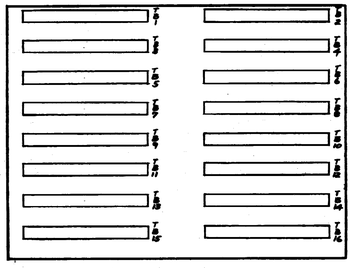
N.T.S.



EXPANSION DISTRIBUTION PANEL-A2

(BACK WALL OF RDGC ENCLOSURE)

N.T.S.

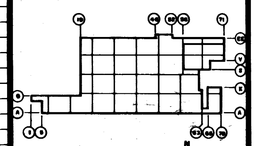


DISTRIBUTION PANEL-A1

(RIGHT INSIDE FACE OF RDGC ENCLOSURE)

N.T.S.

| DATE | ISSUED FOR | APPROVAL | APPROVAL |
|---|---|---|---|



KEY PLAN

| NO. | DATE | BY | APPROVAL | APPROVAL |
|---|---|---|---|---|

REVISIONS

CONTRACT SIGNATURES

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OKLAHOMA CITY OKLAHOMA

PROJECT TITLE

REMOTE DATA GATHERING CENTER SCHEDULE RDGC № 

SHEET TITLE

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JOB CAPT. J. WALDROP
J. KONKLE

E-
SHEET NUMBER

P.E.&C. 149 REV. 1-77 KGE 19 1199 3-77 3140r