ROCK ISLAND ARSENAL

BUILDING 138
IGSA REPAIR
SOW - APPENDIX B

FY: 2026
PR NO: 2026-1694

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: E. MAGNUSON
ISSUE DATE: 4/30/2026
DRAWN BY: E. MAGNUSON
CHECKED BY: CSB
SUBMITTED BY: S. BAUTCH, CHIEF OF ENGINEERING
APPROVED BY: G. KOSKI, DIRECTOR OF PUBLIC WORKS
PROJECT NO. 2026-1694
DRAWING NO.

U.S. ARMY GARRISON-
ROCK ISLAND ARSENAL
DIRECTORATE OF PUBLIC WORKS
ROCK ISLAND, IL 61299-5000

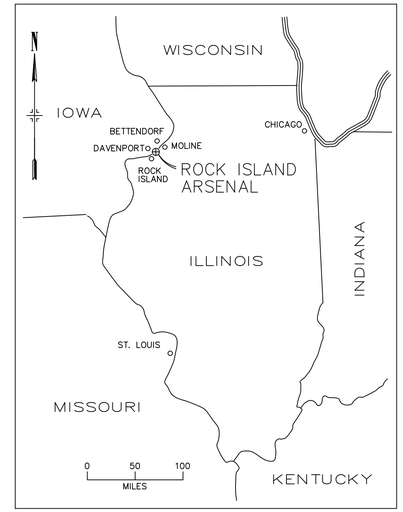
RIA BUILDING 138
IGSA REPAIR

COVER SHEET

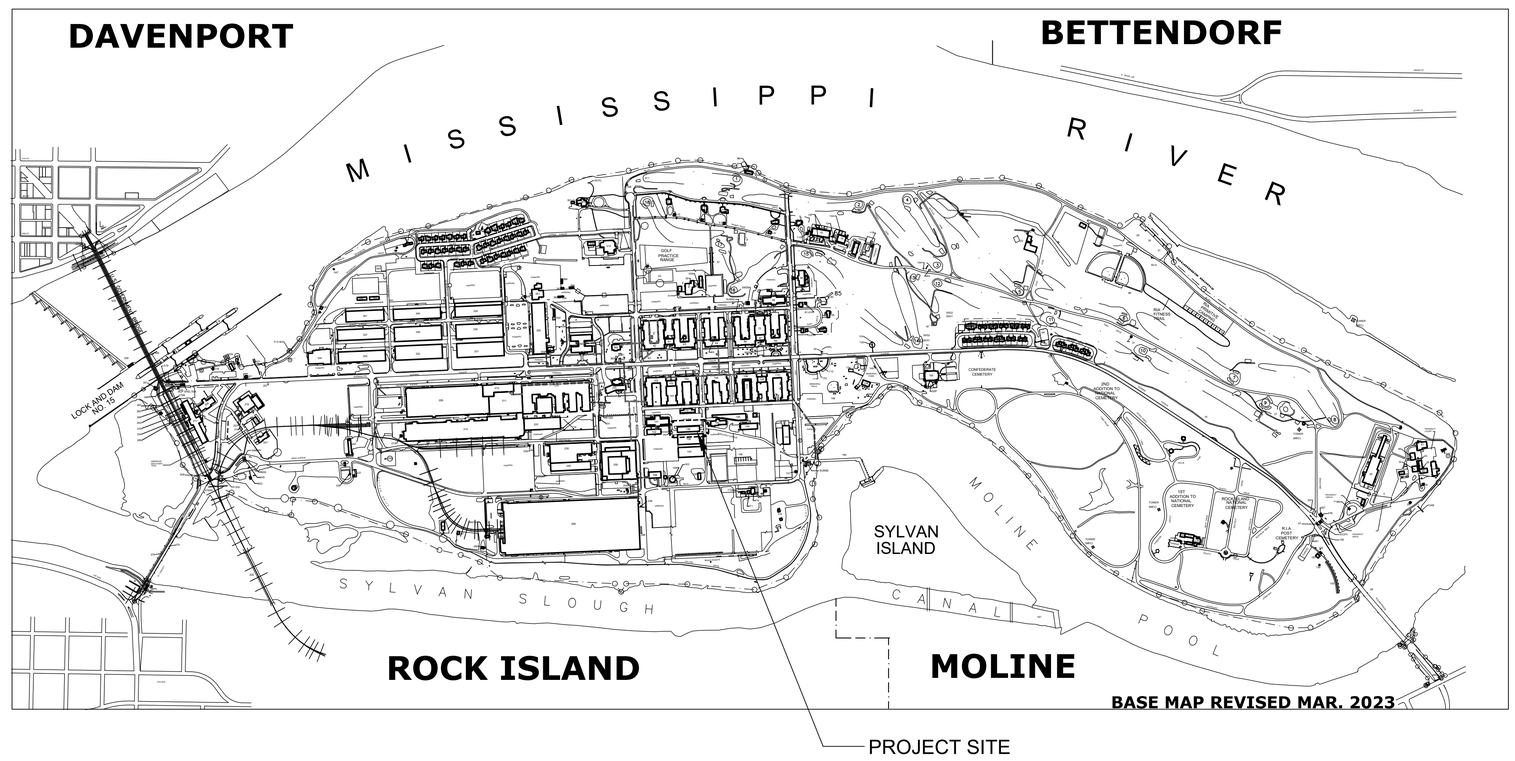
G-001

SHEET INDEX

SHEET ID.	SHEET TITLE
GENERAL	
G-001	COVER SHEET
G-002	LOCATION MAP & INDEX OF DRAWINGS
G-003	ABBREVIATIONS & GENERAL NOTES
ARCHITECTURAL	
A-101	DIMENSION AND DEMOLITION PLANS
A-501	DETAILS, ELEVATIONS, SCHEDULES
MECHANICAL, ELECTRICAL, AND PLUMBING	
MEP-101	MEP PLANS AND DETAILS



J13 VICINITY MAP
NOT TO SCALE (NTS)



A7 ISLAND MAP
1" = 800'

PLAN NORTH
TRUE N

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: E. MAGNUSON
DRAWN BY: E. MAGNUSON
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IGSA REPAIR

LOCATION MAP
INDEX OF DRAWINGS

G-002

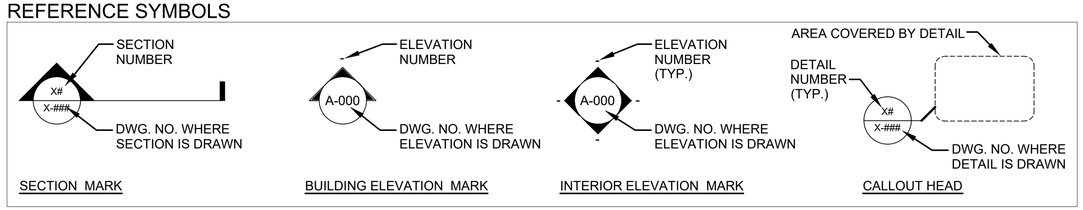
ARCHITECTURAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
ACC DR	ACCESS DOOR / PANEL
ADAAG	AMERICAN WITH DISABILITIES ACCESSIBILITY GUIDELINES
ACCESS	ACCESSORIES
ADJ	ADJUST/ ADJUSTABLE
ACOUST.	ACOUSTICAL
AB	ANCHOR BOLT
ANOD	ANODIZED
AC	AIR CONDITIONING
AL / ALUM	ALUMINUM
&	AND
L	ANGLE
APP	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
@	AT
ATFP	ANTI TERRORISM / FORCE PROTECTION
AVG	AVERAGE
AWI	ARCHITECTURAL WOODWORK INSTITUTE
BHMA	BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION, INC.
BM	BEAM
BLKG	BLOCKING
BD	BOARD
BTM	BOTTOM
BLDG	BUILDING
B.O.	BOTTOM OF
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CH	CHANNEL
CPT	CARPET
CLG	CEILING
CLG HT	CEILING HEIGHT
CTR	CENTER
℄	CENTER LINE
C TO C	CENTER TO CENTER
CT	CERAMIC TILE
CLR	CLEAR
CO	CLEANOUT
CLOS	CLOSET
CO	COMPANY
COL	COLUMN
CONC	CONCRETE
CORR	CORRIDOR
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CMU	CONCRETE MASONRY UNIT
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CJ	CONTROL JOINT
CY	CUBIC YARD
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DR	DOOR
DN	DOWN
DS	DOWNSPOUT
DESC	DESCRIPTION
DWG	DRAWING
EA	EACH
EF	EXHAUST FAN
EL	ELEVATION
ERD	EMERGENCY ROOF DRAIN
EP	EPOXY PAINT
ENGR	ENGINEER
EQUIP	EQUIPMENT
EQ	EQUAL
EXIST	EXISTING
EXP	EXPANSION / EXPOSED
EJ (EXP JT)	EXPANSION JOINT
EXP TO STRUCT	EXPOSED TO STRUCTURE
EXT	EXTERIOR
ETD	ESTIMATED TRAVEL DISTANCE
FAC	FACTORY
FDC	FIRE DEPARTMENT CONNECTION
FT	FEET
FE	FIRE EXTINGUISHER
FIN	FINISH
FP	FLAT PAINT
FF	FINISHED FLOOR
FLR	FLOOR
FD	FLOOR DRAIN
FLUOR	FLUORESCENT
FTG	FOOTING
FDN	FOUNDATION
FV	FIELD VERIFY
GA	GAGE OR GAUGE
GALV	GALVANIZED
GBF	GYPSUM BOARD FURRING
GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GP	GLOSSY PAINT
GL	GLASS
GOVT	GOVERNMENT
GYP	GYPSUM
GYP BD (GWB)	GYPSUM BOARD
HKS	HOOKS
HR	HANDRAIL
HDW	HARDWARE
HT	HEIGHT
H	HIGH
HP	HIGH POINT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HB	HOSE BIBB
HVAC	HEATING VENTILATION & AIR CONDITIONING
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IN	INCH
INSUL	INSULATION
INT	INTERIOR
IRC	INTERNATIONAL RESIDENTIAL CODE
JT	JOINT
JST	JOIST
KP	KICK PLATE
LAM	LAMINATE
LDG	LANDING
LAV	LAVATORY
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LT	LIGHT
LTG	LIGHTING
LONG	LONGITUDINAL
LVR	LOUVER
LP	LOW POINT
MAS	MASONRY
MO	MASONRY OPENING
MGR	MANAGER
MFR	MANUFACTURER
MAT'L	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MTL	METAL
MWP	METAL WALL PANEL
MIN	MINIMUM
MISC	MISCELLANEOUS
N.I.C.	NOT IN CONTRACT
No. (#)	NUMBER
NTS	NOT TO SCALE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFGI	OWNER FURNISHED GOVERNMENT INSTALLED
OH	OPPOSITE HAND
OPNG	OPENING
OW	OPEN WEB
OPP	OPPOSITE
OD	OUTSIDE DIAMETER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ACT
OVHD	OVERHEAD
PDU	POWER DISTRIBUTION UNIT
PT	PAINT OR PRESSURE TREATED
PR	PAIR
PNL	PANEL
PART	PARTITION
PLAS	PLASTER OR PLASTIC
PL	PLATE
PLYWD	PLYWOOD
LBS OR #	POUNDS
PSF	POUNDS / SQUARE FOOT
PSI	POUNDS / SQUARE INCH
PMJF	PRE-MOLDED JOINT FILLER
PRE-FAB	PREFABRICATED
QT	QUARRY TILE
REF	REFERENCE
REINF	REINFORCEMENT
REQ'D	REQUIRED
REV	REVISIONS / REVISED
RD	ROOF DRAIN
RDO	ROOF DRAIN OVERFLOW
RHR	RIGHT HAND REVERSE
RM	ROOM
RO	ROUGH OPENING
RB	RUBBER BASE
SC	SEALED CONCRETE
SCW	SOLID CORE WOOD
SCHED	SCHEDULE
SECT	SECTION
SGP	SEMI-GLOSS PAINT
SHT MET	SHEET METAL
SHGC	SOLAR HEAT GAIN COEFFICIENT
SIM	SIMILAR
STC	SOUND TRANSMISSION CLASS
SPEC(S)	SPECIFICATION
SFRM	SPRAYED FIRE RESISTIVE MATERIAL
SQ	SQUARE
ST	STORM
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
TIOL / TLT	TOILET
TEL	TELEPHONE
THK	THICK
THOLD	THRESHOLD
TG	TEMPERED GLASS
T.O.	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
T/C	TOP OF CURB
TOS	TOP OF STEEL
T/W	TOP OF WALL
TU	TOUCH-UP
TYP.	TYPICAL
UFC	UNIFIED FACILITIES CRITERIA
UL	UNDERWRITERS LABORATORIES
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
USAG-RI	UNITED STATES ARMY GARRISON, ROCK ISLAND
VERT	VERTICAL
VEST	VESTIBULE
VCT	VINYL COMPOSITION TILE
VCB	VINYL COVE BASE
VTR	VENT THRU ROOF
W	WIDTH
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WD	WOOD
WNDO	WINDOW
W/O	WITHOUT
WRGB	WATER RESISTANT GYPSUM BOARD
WS	WEATHERSTRIPPING
WRO	WINDOW ROUGH OPENING
YR	YARD

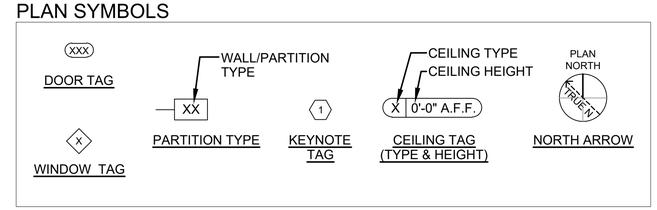
GENERAL NOTES

1. NOTES FOUND ON G-SHEETS, ARE GENERAL NOTES AND APPLY TO THE ENTIRE PROJECT TO INCLUDE THE COMPLETE PLAN SET AND SPECIFICATIONS, UNLESS NOTED OTHERWISE. SHEET NOTES APPLY TO ALL PLANS, ELEVATIONS, SECTIONS, AND DETAILS FOR THAT SHEET, UNLESS NOTED OTHERWISE. KEYNOTES APPLY TO ELEMENTS ON THE SHEET AS INDICATED, UNLESS NOTED OTHERWISE.
2. THE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE DRAWINGS ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
3. THE ENUMERATION OF PARTICULAR ITEMS OF WORK IN ONE PORTION OF THE CONTRACT DOCUMENTS SHALL NOT BE CONSTRUED TO EXCLUDE OTHER ITEMS NECESSARY OR IMPLIED THEREFROM.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR INCOMPLETE CONDITION. THE CONTRACTOR SHALL PROVIDE A COMPLETE AND USABLE PRODUCT.
5. THE CONTRACTOR SHALL PROTECT ANY EXISTING, IN-PLACE, AND/OR NEW WORK.
6. ALL WORK NOTED "N.I.C." IS NOT MEANT TO BE PART OF THE CONSTRUCTION SCOPE OF WORK AGREEMENT.
7. THE CONTRACTOR SHALL PAY FOR AND COORDINATE THE REMOVAL AND LEGAL DISPOSAL OF MATERIALS AND RUBBISH.
8. THE CONTRACTOR SHALL CONDUCT SITE UTILITY LOCATES TO DETERMINE ANY CONFLICTS BETWEEN NEW WORK AND EXISTING UTILITIES. RESOLUTION OF CONFLICTS WITH EXISTING UTILITIES IS INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.
9. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. DIMENSIONS AND PLANS ARE NOT WARRANTED AS ACCURATE. VERIFY EXISTING CONDITIONS THAT MAY AFFECT THE WORK PRIOR TO BID.
10. DO NOT SCALE DRAWINGS; LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.
11. NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, AND ALTERATION OPERATIONS SHALL BE APPLIED.
12. PROVIDE THE MINIMUM EXPANSION, CONTRACTION, AND CONTROL JOINTS IN ALL WORK PER THE PRODUCT MANUFACTURER'S STANDARDS OR THE APPLICABLE INDUSTRY STANDARDS.
13. ALL DISSIMILAR METALS SHALL BE ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
14. EXISTING PAINT SHALL BE PRESUMED TO BE LEAD BASED
15. EXISTING PIPE INSULATION SHALL BE PRESUMED TO BE ASBESTOS CONTAINING
16. EXISTING WINDOW GLAZING SHALL BE PRESUMED TO BE ASBESTOS CONATINING
17. DO NOT CUT INTO, REMOVE, OR ALTER ANY STRUCTURAL MEMBER OR FLOOR SYSTEM UNLESS IT IS SPECIFICALLY NOTED OR SHOWN ON DRAWINGS.
18. THE CONTRACTOR SHALL PLAN THEIR WORK TO PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES, AND EXECUTE THE WORK IN SUCH A MANNER TO AVOID ANY HAZARD TO PERSONS AND PROPERTY AS NECESSARY.
19. ALL PRODUCTS LISTED ON DRAWINGS AND NOT INDICATED IN SPECIFICATIONS SHALL BE SUBMITTED FOR GOVERNMENT APPROVAL. CONTRACTOR SHALL ADD THESE TO THEIR SUBMITTAL REGISTER.
20. DEMOLITION OR NEW WORK MAY NOT BE SOLELY INDICATED ON THEIR CORRESPONDING SHEETS.
21. CONTRACTOR SHALL REQUEST PARKING, JOB TRAILER, STAGING AND OTHER NECESSARY SPACES.
22. DISPOSE OF DEMOLISHED AND WASTE MATERIALS OFF SITE UNLESS OTHERWISE NOTED.
23. TO PERFORM THE WORK AS AWARDED BY THE BASE BID, OPTION, OR CONTRACT MODIFICATION, THE CONTRACTOR SHALL EITHER PROTECT OR RELOCATE ADJACENT ITEMS, EQUIPMENT, AND STRUCTURES AS NECESSARY TO FACILITATE THE WORK.
24. IN ORDER TO MORE CLEARLY DEPICT WORK BEING IDENTIFIED ON A DRAWING, ITEMS NOTED AS BEING INCLUDED IN THE WORK ARE GENERALLY SHOWN IN HEAVY (BOLD) LINE WEIGHT AND BLACK LINE WORK. GRAY SCALE LINE WORK DENOTES EXISTING CONDITIONS. NOTE: THERE ARE EXCEPTIONS TO THIS RULE AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY REVIEW DRAWINGS AND REQUEST ADDITIONAL INFORMATION PRIOR TO BIDDING.
25. NORMAL INSTALLATION WORKING HOURS WILL BE BETWEEN 0700-1700, MONDAY THROUGH FRIDAY. HOURS OUTSIDE THE NORMAL RANGE REQUIRES COORDINATION AND APPROVAL FROM THE CONTRACTING OFFICER'S REPRESENTATIVE (C.O.R.) TWO WEEKS PRIOR. THE FACILITY WILL BE CLOSED ON GOVERNMENT HOLIDAYS. CONTACT THE C.O.R. FOR A LIST OF GOVERNMENT HOLIDAYS.
26. THE CONTRACTOR SHALL MAKE REQUESTS TO DISCONNECT POWER OR UTILITIES PER SPECIFICATIONS. ALL WORK REQUIRING POWER REMOVAL SHALL BE DONE IN A TIMELY MANNER AND OUTSIDE NORMAL INSTALLATION WORKING HOURS WHEN POSSIBLE. IF SAFE WORKING CONDITIONS EXIST FOR BOTH THE CONTRACTOR AND BUILDING OCCUPANTS, THEN POWER SHALL BE RESTORED FOR BUILDING OCCUPANTS DURING NORMAL WORKING HOURS. THE CONTRACTOR SHALL IMMEDIATELY RESTORE POWER ONCE WORK IS COMPLETE AND SAFE CONDITIONS EXIST.
27. THE CONTRACTOR SHALL OBTAIN NECESSARY BUILDING AND FIRE PERMITS FROM THE INSTALLATION AUTHORITIES HAVING JURISDICTION.
28. THE CONTRACTOR SHALL COMPLY WITH USAG-RI POLICIES AND PROCEDURES.
29. THE CONTRACTOR SHALL PERFORM WORK IN ACCORDANCE WITH APPLICABLE CODES, ORDINANCES, AND REGULATORY AGENCIES.
30. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON INDIVIDUAL SHEETS SHALL BE APPLIED TO RELATED DRAWINGS AND DETAILS.
31. A FINISH INDICATION ON A WALL SHALL MEAN THE ENTIRE LENGTH AND HEIGHT OF WALL INDICATED.
32. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL, ELECTRICAL AND PLUMBING WORK. ALL ACCESS PANELS SHALL BE CONCEALED AND LOCATIONS SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING.
33. ALL MECHANICAL, ELECTRICAL AND PLUMBING WORK THAT PENETRATES FLOORS, WALLS, OR ROOFING SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE MOISTURE RESISTIVENESS, FIRE RATING, AND STRUCTURAL INTEGRITY OF THE BUILDING.
34. ALL WORK SHALL BE DONE IN A WORKMAN LIKE MANNER. WORK SHALL CONFORM TO APPLICABLE INDUSTRY OR MANUFACTURER'S PUBLISHED STANDARDS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS, ALL REQUIREMENTS IN THESE DRAWINGS AND SPECIFICATIONS. ANY CONFLICTING REQUIREMENTS OF THE SOURCES LISTED ABOVE SHALL BE BROUGHT TO THE ATTENTION OF THE C.O.R. PRIOR TO PROCEEDING WITH THE WORK.
35. ANY ANCHORS USED TO ATTACH ITEMS TO THE EXTERIOR WALLS MUST BE EPOXY ANCHORS. EXPANSION ANCHORS ARE STRICTLY PROHIBITED. THE USE OF ROTARY IMPACT DRILLS IS NOT AUTHORIZED. TOOLS USED MUST NOT BE IMPACT TYPE.
36. THE CONTRACTOR SHALL COORDINATE SITE ACCESS, STAGING, AND LAYDOWN AREAS WITH THE C.O.R. PRIOR TO COMMENCEMENT OF WORK.
37. DUMPSTERS MUST COMPLY WITH UFC 4-010-01 DoD MINIMUM ANTI-TERRORISM STANDARDS FOR BUILDINGS. DUMPSTERS CAN BE LOCATED ALONG THE BUILDING DURING WORKING HOURS UPON REQUEST. THE CONTRACTOR WILL MAKE REQUESTS IN WRITING TO THE C.O.R. AT LEAST TWO WEEKS PRIOR TO THE REQUIREMENT. DUMPSTERS WILL BE EMPTY EACH TIME THEY ARE PLACED NEAR BUILDINGS AT THE START OF THE WORKING DAY. DUMPSTERS WILL BE MOVED AWAY FROM THE BUILDING AT THE END OF EACH WORKING DAY. THE C.O.R. WILL DETERMINED THE DUMPSTER STORAGE LOCATION AT THE END OF THE WORK DAY.
38. THE CONTRACTOR SHALL COORDINATE CRANE USAGE 2 WEEKS IN ADVANCE WITH THE C.O.R., SHALL PROTECT ASPHALT, AND DISTRIBUTE HEAVY POINT LOADS. IF THE CONTRACTOR DAMAGES THE ASPHALT REPAIRS WILL BE PERFORMED IN ACCORDANCE WITH UFC 3-270-01 ASPHALT MAINTENANCE AND REPAIR. DEPENDING UPON SEVERITY OF DAMAGE REPAIRS WILL BE IN ACCORDANCE WITH FULL DEPTH, PARTIAL DEPTH, AND/OR PATCHING.

REFERENCE SYMBOLS



PLAN SYMBOLS



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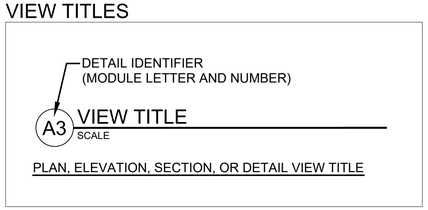

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ROCK ISLAND, IL 61299-5000

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RIA BUILDING 138
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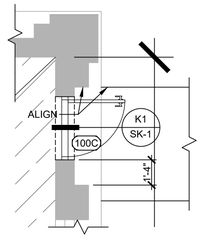
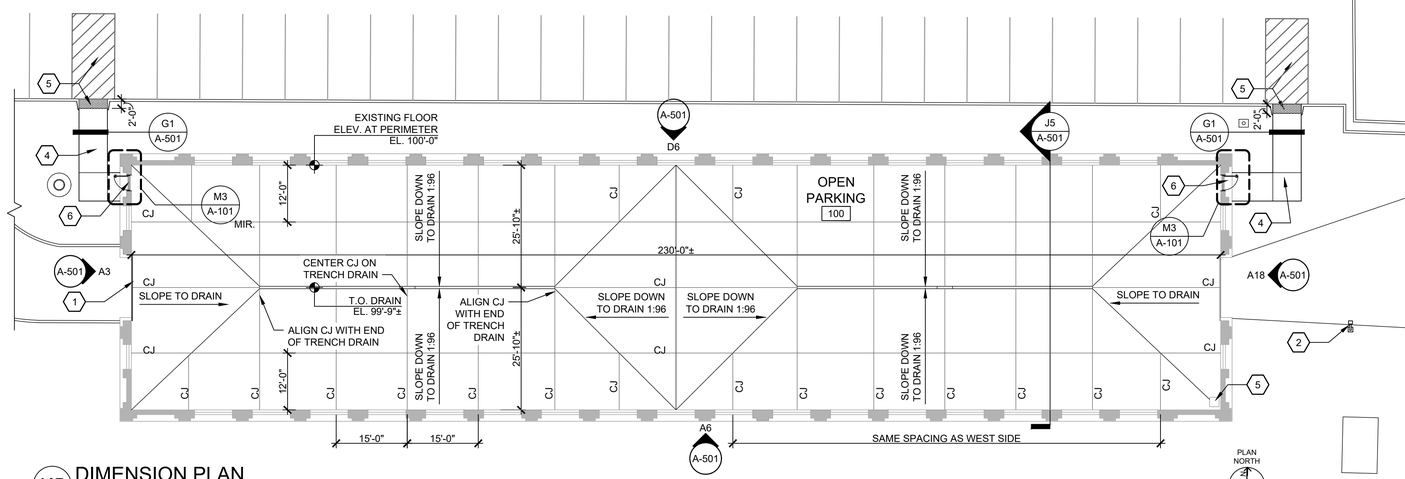
ABBREVIATIONS
GENERAL NOTES

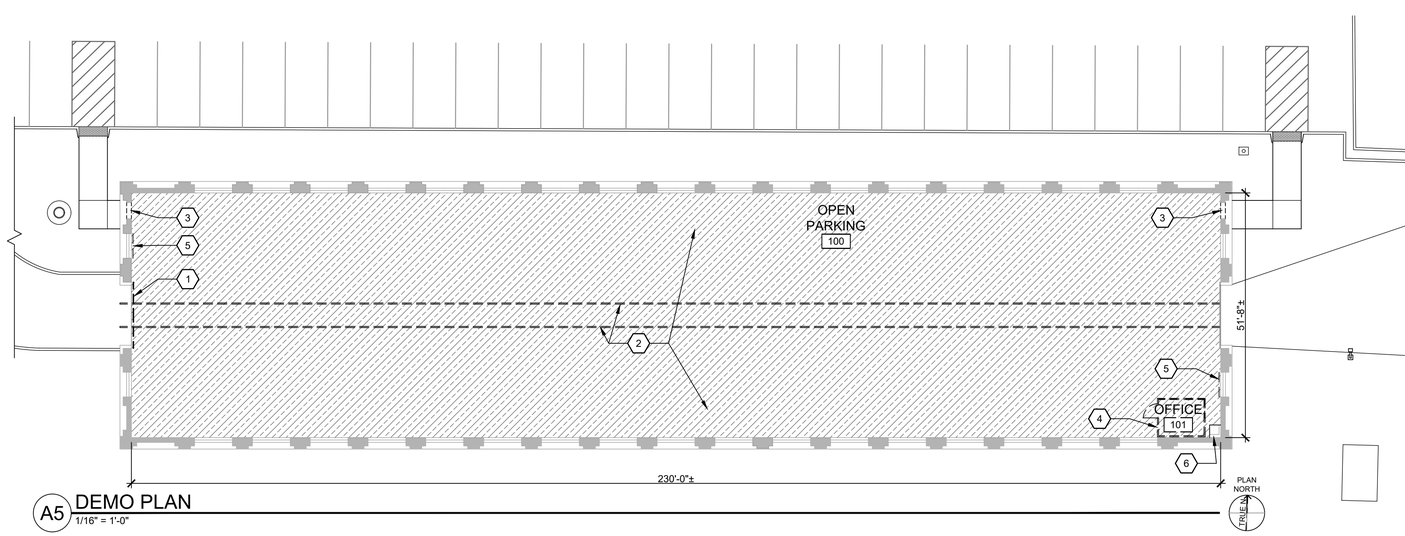
G-003



M3 DOOR
1/4" = 1'-0"



K5 DIMENSION PLAN
1/16" = 1'-0"



A5 DEMO PLAN
1/16" = 1'-0"

GENERAL ARCHITECTURAL NOTES

A. FIELD VERIFY ALL DIMENSIONS IN FIELD

B. USE U.S. HERITAGE GROUP CUSTOM ROCK ISLAND ARSENAL PHL 3.5 MORTAR FOR ALL MASONRY REPAIR

C. INSTALL DRY SPRINKLER SYSTEM WITH A NITROGEN GENERATOR THROUGHOUT THE BUILDING, THE SYSTEM SHALL BE DESIGNED BY A CERTIFIED FIRE PROTECTION ENGINEER IN ACCORDANCE WITH NFPA 88A & NFPA 13

D. CUT CONTROL JOINTS AT RIDGES AND VALLEYS OF FLOOR SLAB AND AS INDICATED ON DRAWINGS

E. INSTALL NEW 7" THICK, 4500 PSI CONCRETE FLOOR WITH A HEAVY-DUTY WEAR-RESISTANT BROOM FINISH THROUGHOUT BUILDING

DIMENSION PLAN KEYNOTES

1. INSTALL NEW OVERHEAD COILING DOOR AND ABOVE DOOR MICROWAVE MOTION SENSOR (BASIS OF DESIGN: BIRCHER HERCULES 2S), PROGRAM SENSOR TO DETECT APPROACHING VEHICLES AND IGNORE HUMAN TRAFFIC, USE EXTENSION MOUNTING BRACKET AS REQUIRED; INSTALL SURFACE MOUNTED COMMERCIAL 3-BUTTON CONTROLS ADJACENT TO THE DOOR ON BOTH INSIDE AND OUTSIDE, OUTSIDE TO BE WEATHER-RESISTANT AND KEYED FOR SECURE ACCESS CONTROL, THE KEY SHALL BE THE SAME FOR BOTH EAST AND WEST DOOR CONTROLS
2. INSTALL TWO (2) VANDAL AND WEATHER RESISTANT KEYPADS ON A 84" DUAL HEAD STEEL PEDESTAL (BASIS OF DESIGN: PEDESTAL PRO 84-DSP-4-12-12) WITH SEPARATE GOOSENECKS, KEYPADS SHALL ACTIVATE OVERHEAD DOOR FROM THE EXTERIOR; 3-BUTTON CONTROLS FROM THE INTERIOR
   - SEE DETAIL J3/SK-1
3. INSTALL 6' WIDE SIDEWALK BETWEEN NEW DOOR AND PARKING LOT, THE RUNNING SLOPE OF SIDEWALK SHALL NOT EXCEED 1:20, LANDINGS SHALL BE SUBSTANTIALLY LEVEL WITH A CROSS SLOPE NOT TO EXCEED 1:48 BUT SHALL CREATE POSITIVE DRAINAGE; SAW CUT CONTROL JOINTS AT 6' O.C.
4. CENTER SIDEWALK ON EXISTING PARKING STALL; ADD DIAGONAL "NO-PARKING" STRIPING AT EXISTING STALL; TRUNCATED DOME DETECTABLE WARNING SURFACE AT TRANSITION FROM PARKING LOT TO SIDEWALK
5. EXISTING ELECTRICAL TRANSFORMER ON PAD TO REMAIN
6. INSTALL MAN DOOR & FRAME IN NEW MASONRY OPENING

GENERAL DEMO NOTES

A. PRIOR TO THE COMMENCEMENT OF WORK THE BUILDING MUST BE CLEANED OF PIGEON DROPPINGS IN ORDER TO FACILITATE A SAFE WORKING ENVIRONMENT

B. REMOVE MUD DAUBER NEST FROM THE EXTERIOR OF THE BUILDING

C. METAL SHELVING UNITS LINING THE EXTERIOR WALLS SHALL BE REMOVED AND STORED IN BUILDING 106, ROCK ISLAND ARSENAL, AT A LOCATION DIRECTED BY THE COR PRIOR TO THE COMMENCEMENT OF DEMOLITION. THREE (3) SHELVING UNITS SHALL BE REINSTALLED AFTER THE COMPLETION OF CONSTRUCTION IN A LOCATION DIRECTED BY THE COR

DEMO PLAN KEYNOTES

1. REMOVE AND DISPOSE OF EXISTING WOOD DOOR, TRACK, AND ASSOCIATED HARDWARE
2. REMOVE AND DISPOSE OF RAILROAD TRACKS AND CONCRETE FLOOR
3. CUT A MASONRY OPENING IN WALL TO ACCOMMODATE THE INSTALLATION OF THE NEW MAN DOOR AND FRAME, SEE D1/SK-1 FOR LATCH SIDE JAMB LOCATION
4. REMOVE AND DISPOSE OF EXISTING OFFICE WALLS, DOOR, COUNTERTOPS, ETC. DOWN TO BARE CONCRETE
5. REMOVE OR MODIFY POLYCARBONATE COVER AND FRAME AS NECESSARY TO ACCOMMODATE MECHANICAL EQUIPMENT
6. ELECTRICAL TRANSFORMER ON CONCRETE PAD TO REMAIN

DEMO LEGEND

CONCRETE FLOOR TO BE REMOVED

— — — INDICATES ITEM TO BE DEMOLISHED

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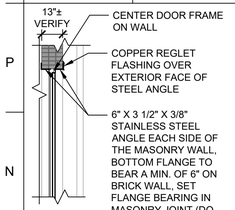
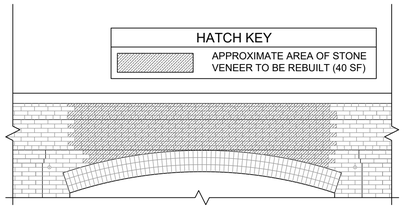
RIA BUILDING 138
IGSA REPAIR

DIMENSION PLAN
DEMOLITION PLAN

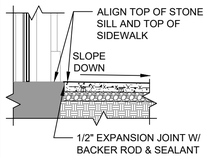
A-101





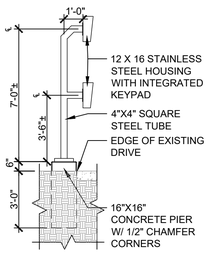
M3 EAST ENTRY ARCH
1/4" = 1'-0"

HEAD CONDITION

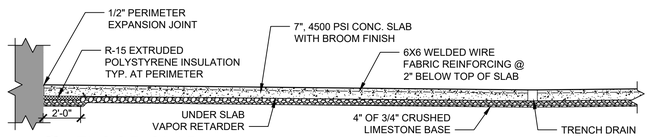


THRESHOLD

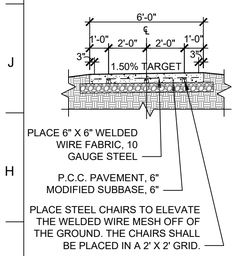
K1 DOOR
1/4" = 1'-0"



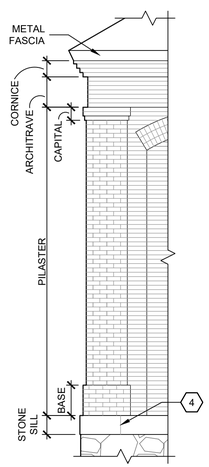
J3 PEDESTAL
1/4" = 1'-0"



J5 FLOOR SLAB
1/4" = 1'-0"



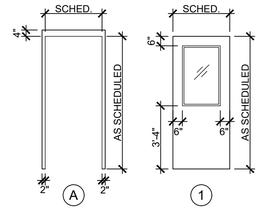
G1 SIDEWALK
1/4" = 1'-0"



D4 ELEMENTS
1/4" = 1'-0"

DOOR SCHEDULE

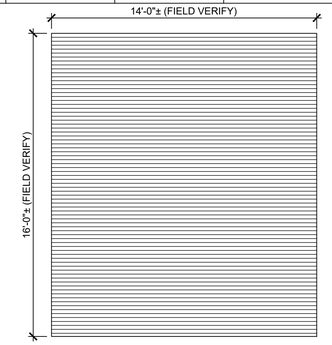
No.	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR TYPE	DOOR MAT'L	DOOR FINISH	FRAME TYPE	FRAME MAT'L	FRAME FINISH	HDW SET	MIN. FIRE RATING	REMARKS
100A	14'-0"	16'-0"	1"	2	SS	PT1	-	SS	PT1	-	-	b, c
100B	3'-0"	7'-0"	1 3/4"	1	HM	PT1	A	HM	PT1	1	-	a, c
100C	3'-0"	7'-0"	1 3/4"	1	HM	PT1	A	HM	PT1	1	-	a, c
100D	*	*	*	*	*	*	*	*	*	*	-	



HARDWARE SET 1:

1 EACH	EXIT DEVICE, BHMA A156.3, TYPE 3, PUSH PAD
1 EACH	OUTSIDE TRIM, BHMA A156.3, FUNCTION 08
1 EACH	STRIKE, 300 SERIES STAINLESS STEEL, BHMA A156.18, 630
3 EACH	HINGES, BHMA A156.1, A51111
1 EACH	SURFACE CLOSER, BHMA A156.4, PARALLEL ARM C02061
1 EACH	GASKETS, BHMA A156.22, HEAD AND JAMB, R0E155
1 EACH	DOOR SWEEP WITH RAIN DRIP, BHMA A156.22, R5D536
1 EACH	THRESHOLD, BHMA A156.21, J36100

L8 DOOR & FRAME
1/4" = 1'-0"



GENERAL DOOR SCHEDULE NOTES

1. DOORS TO BE FACTORY FINISHED

REMARKS

a. PROVIDE EXTERIOR METAL DOOR WITH HALF GLASS IN COMPLIANCE WITH UFC 4-010-01, SECTION 3-11 AND A MAXIMUM U-VALUE OF 0.63.

b. THE VERTICAL LOAD OF THE DOOR AND OPERATOR STALL BE SUPPORTED BY THE DOOR GUIDES

c. SEE SPECIFICATION FOR DETAILED HARDWARE REQUIREMENTS

LEGEND

*	EXISTING TO REMAIN
HM	HOLLOW METAL
PT1	DARK BRONZE (SW 7048 OR SIM.)
SS	STAINLESS STEEL

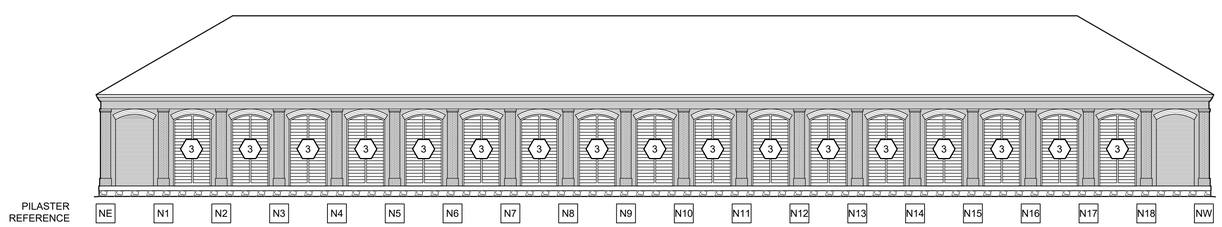
SHEET NOTES

A. REPOINT PILASTER BASES AND ADJACENT BRICKWORK AS NECESSARY AT THE FOLLOWING PILASTERS: N2, N3, N5, N7, N8, N11, N15, N17, N18, NW, WB, SE, EA (APPROXIMATELY 250 SF OF BRICK, SEE DETAIL A1/A-501)

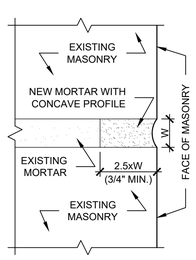
B. REMOVE AND REBUILD THE TOP TWO COURSES OF THE BRICK CORNICE WHERE THE TOP COURSE HAS FALLEN OUT OF LEVEL BY MORE THAN 1.5"; USE EXISTING BRICKS WHEN POSSIBLE, WHERE NOT POSSIBLE MATCH EXISTING BRICK IN COLOR, SIZE, AND FINISH; USE AVAILABLE EXISTING BRICKS ON THE NORTH ELEVATION WITH NEW BRICK BEING RELEGATED TO THE SOUTH ELEVATION; REMOVE AND REPLACE METAL FASCIA AS NECESSARY TO EXECUTE THE WORK (APPROXIMATELY 300 LINEAR FEET OF REBUILD AND REPAIR)

SHEET KEYNOTES

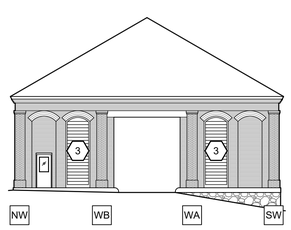
1. REBUILD BRICK CORNICE; USE EXISTING BRICKS WHEN POSSIBLE, MATCH EXISTING IN COLOR, SIZE, AND FINISH WHERE EXISTING BRICKS ARE NOT AVAILABLE; REMOVE AND REPLACE METAL FASCIA AS NECESSARY TO EXECUTE THE WORK
2. REBUILD BRICK VENEER OVER ARCH, REUSE EXISTING BRICK AS MUCH AS POSSIBLE, WHERE NOT POSSIBLE MATCH NEW BRICK TO EXISTING COLOR AND TEXTURE
3. STRIP, REPAIR, AND PAINT ALL WOOD LOUVERS; REMOVE AND REPLACE SEALANT AROUND LOUVERS
4. REPOINT ALL EXPOSED HEAD JOINTS AT STONE SILL



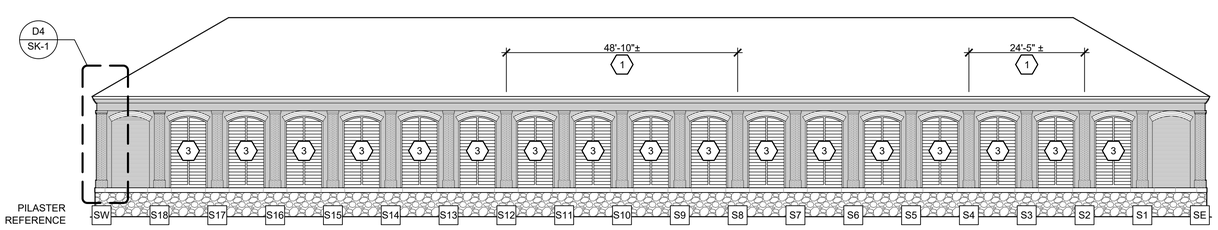
D6 NORTH ELEVATION
1/16" = 1'-0"



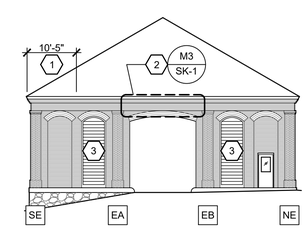
A1 POINTING
FULL SCALE



A3 WEST ELEVATION
1/16" = 1'-0"



A6 SOUTH ELEVATION
1/16" = 1'-0"



A18 EAST ELEVATION
1/16" = 1'-0"

MARK	DESCRIPTION	DATE	APPR.

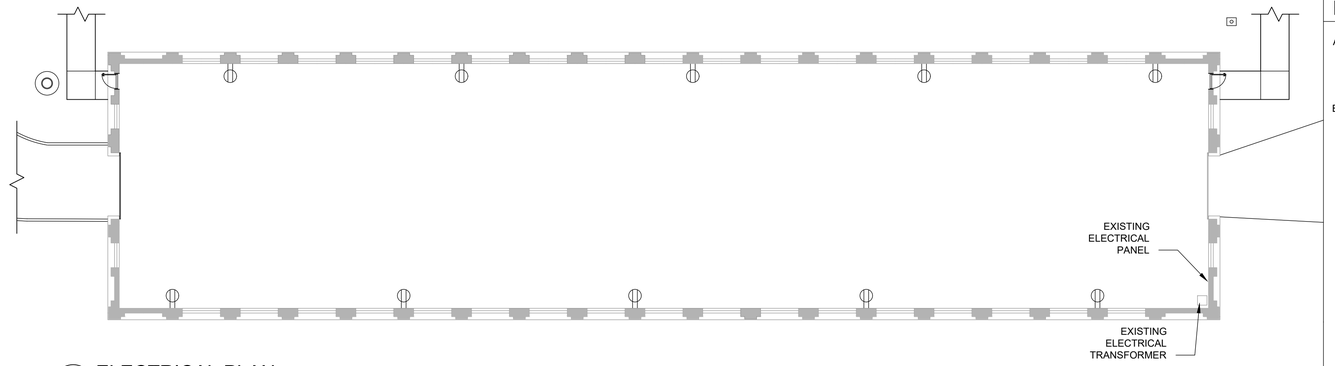
U.S. ARMY GARRISON - ROCK ISLAND ARSENAL
DIRECTORATE OF PUBLIC WORKS
ROCK ISLAND, IL 61299-5000

DESIGNED BY: E. MAGNUSON
DRAWN BY: E. MAGNUSON
SUBMITTED BY: S. SCHUTTLER, CHIEF OF ENGINEERING
APPROVED BY: G. KOSKI, DIRECTOR OF PUBLIC WORKS
ISSUE DATE: 4/30/2026
CHECKED BY: CSB
PROJECT NO. 2026-1694
DRAWING NO.

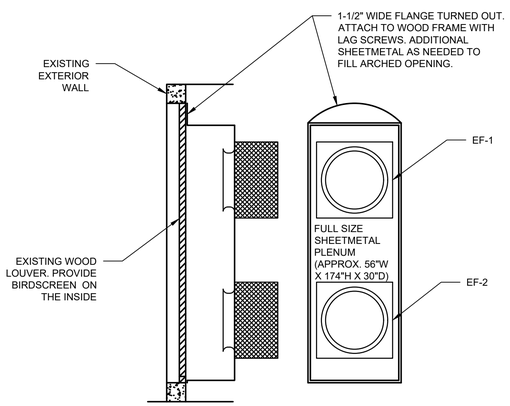
RIA BUILDING 138
IGSA REPAIR

DETAILS
ELEVATIONS
SCHEDULES

A-501



L6 ELECTRICAL PLAN
1/16" = 1'-0"

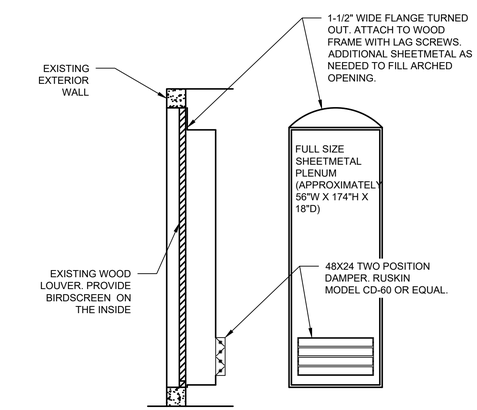


F1 EXHAUST FAN
1/4" = 1'-0"

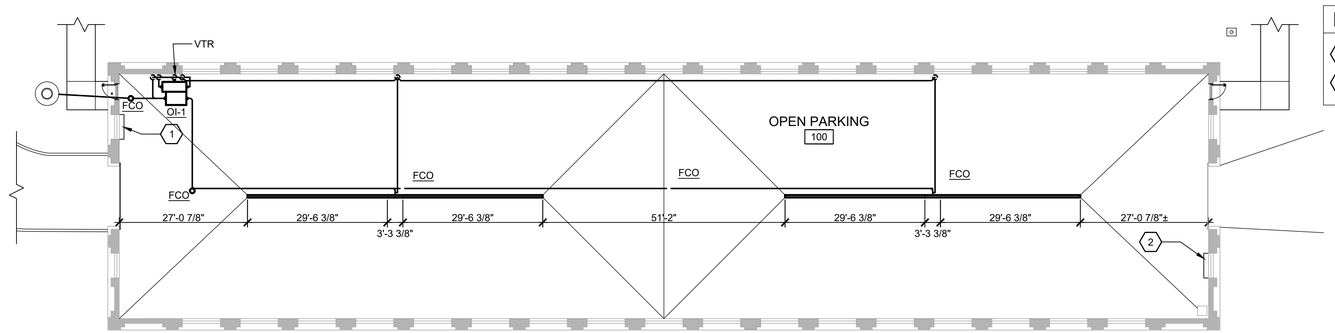
EXHAUST FAN (EF) SCHEDULE

PLAN MARK	BASIS OF DESIGN	MODEL	AIRFLOW (CFM)	ESP (IN WC)	MOTOR		DRIVE	SPEED	MOUNTING	APPROX. WEIGHT (LBS)	REMARKS
					HP	VOLTS					
EF-1, EF-2	COOK	36EW416D08	5825	.5	1.0	208-3-60	BELT	NOTE 1	PLENUM WALL	248	2

RETURN AIR FAN SCHEDULE NOTES:
1. PROVIDE FAN SPEED CONTROLLER FOR BALANCING.
2. PROVIDE GRAVITY SHUTTER AND MOTOR SIDE WIREGUARD.



A1 INTAKE
1/4" = 1'-0"



E6 MECHANICAL PLAN
1/16" = 1'-0"

PLAN NORTH

ELECTRICAL NOTES

A. PROVIDE ALL NECESSARY LABOR, TOOLS AND MATERIALS TO CLEAN, COMMISSION AND TEST THE EXISTING TRANSFORMER LOCATED INSIDE BLDG 138 AND PROVIDE A COPY OF THE TEST SHEET TO THE COR FOR THEIR EVALUATION

B. REMOVE AND REPLACE THE EXISTING DISTRIBUTION PANEL WITH A NEW 18 BREAKER PANEL WITH 200 AMP, 208V, 22KA RATED MAIN BREAKER. THE NEW REPLACEMENT PANEL SHALL INCLUDE THE FOLLOWING MINIATURE CIRCUIT BREAKER (MCB):
- PROVIDE TWO (2) MCB EACH 3 PHASES, 208V 20AMP RATED EACH FOR FEEDING THE TWO EXHAUST FANS
- PROVIDE TWO (2) SINGLE PHASE, ONE POLE, 20 AMP MCB TO FEED THE NEW TEN (10) POWER OUTLETS, FIVE (5) OUTLETS PER POLE
- PROVIDE ONE (1) SINGLE PHASE, ONE POLE, 20 AMP MCB TO FEED THE NEW DOOR OPENER
- PROVIDE ONE (1) SINGLE PHASE, ONE POLE, 20 AMP MCB TO FEED THE NEW LOUVER
- PROVIDE ONE (1) SINGLE PHASE, ONE POLE, 20 AMP MCB TO FEED THE EXISTING DOOR OPENER
- PROVIDE ONE (1) SINGLE PHASE, ONE POLE, 20 AMP MCB TO FEED THE EXISTING LIGHTING SYSTEM
- PROVIDE FOUR (4) SINGLE PHASE, ONE POLE, 20 AMP MCB AS SPARES

C. PROVIDE ALL NECESSARY LABOR, TOOLS, AND MATERIALS TO INSTALL TEN NEW POWER, DOUBLE PRONG, 20 AMP POWER OUTLETS. LOCATE NEW OUTLETS AS INDICATED ON DRAWING L6/MEP-101.

D. THE CONTRACTOR SHALL PROVIDE AND INSTALL A NEW WIRING SYSTEM CONSISTING OF 12AWG CONDUCTORS (PHASE, NEUTRAL AND GROUND) ENCLOSED WITHIN 1 INCH RIGID GALVANIZED STEEL (RGS). INCLUDE PROPER MOUNTED SUPPORTS. THE NEW WIRING SYSTEM SHALL BE CONFIGURED TO CONNECT EVERY GROUP OF THE OUTLETS AND ALL THE OTHER ADDITIONAL LOADS (EXHAUSTED FANS, THE LOUVER, DOOR OPENER) TO THE CIRCUIT BREAKERS HOUSED WITHIN THE EXISTING ELECTRICAL PANEL BOARD. ALL WORK SHALL COMPLY WITH THE ARTICLES 21,240, 250, 300,310 AND 344 OF THE NATIONAL ELECTRICAL CODE (NEC) AND UFC REQUIREMENTS.

E. PROVIDE ALL NECESSARY LABOR, TOOLS, AND MATERIALS FOR COMMISSIONING AND TESTING THE EXISTING GROUNDING SYSTEM AND PROVIDE A COPY OF THE READINGS TO THE COR FOR THEIR EVALUATION. THE CONTRACTOR SHALL FIX AND REPAIR ANY DAMAGED, LOOSE, OR MISSING PARTS ON THE GROUND AND BOND SYSTEM TO OBTAIN BEST GROUNDING READING (25 OHMS OR LESS). IF GROUNDING READING IS GREATER THAN 25 OHM PROVIDE ONE (1) ADDITIONAL GROUND ROD AND BARE GROUND CONDUCTORS CONNECTED TO THE EXISTING GROUNDING SYSTEM.

ELECTRICAL LEGEND

DUPLEX RECEPTACLE OUTLET

MECHANICAL KEYNOTES

1. EXHAUST FAN, SEE DETAIL F1/MEP-101
2. INTAKE, SEE DETAIL A1/MEP-101

MARK	DESCRIPTION	DATE	APPR.

ISSUE DATE: 4/30/2026
CHECKED BY: CSB
DESIGNED BY: E. MAGNUSON
DRAWN BY: E. MAGNUSON
SUBMITTED BY: S. SAATI, CHIEF OF ENGINEERING
APPROVED BY: G. KOSKI, DIRECTOR OF PUBLIC WORKS
PROJECT NO. 2026-1694
DRAWING NO.

U.S. ARMY GARRISON-
ROCK ISLAND ARSENAL
DIRECTORATE OF PUBLIC WORKS
ROCK ISLAND, IL 61299-5000

RIA BUILDING 138
IGSA REPAIR

MECHANICAL DRAWINGS
ELECTRICAL DRAWINGS

MEP-101