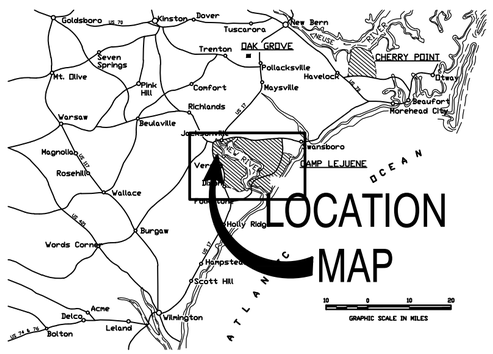
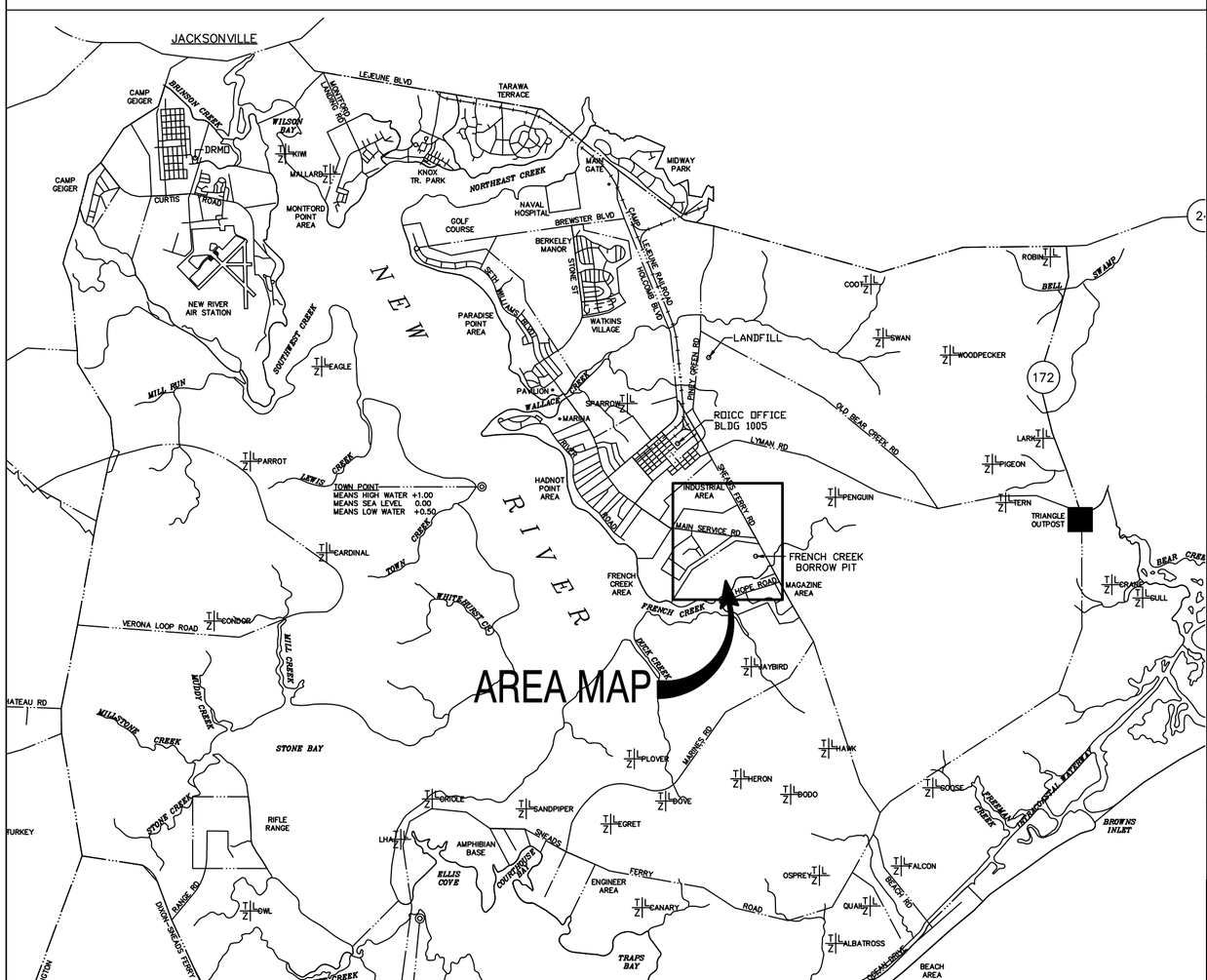
FC294
BAY DOORS REPLACEMENT

CAMP LEJEUNE, N.C.

VICINITY MAP



LOCATION MAP

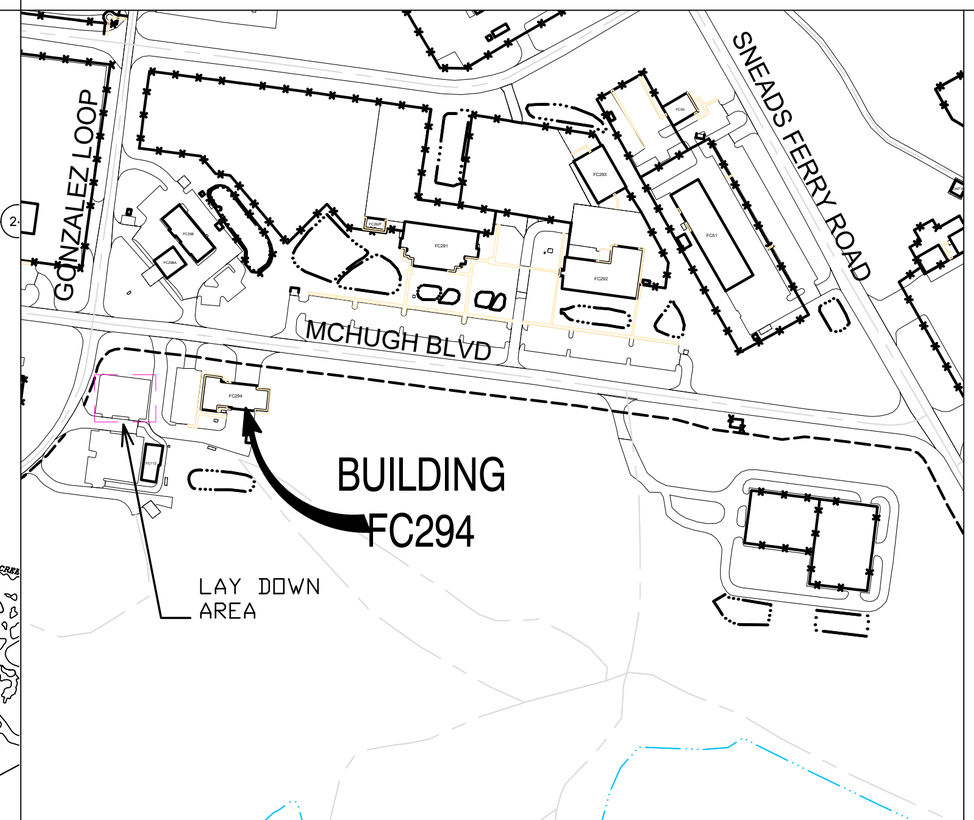


SECTION/DETAIL NUMBER

SHEET NUMBER WHERE DETAIL IS SHOWN

SHEET NUMBER WHERE DETAIL IS TAKEN

AREA MAP



DRAWING INDEX

SHEET #	SHEET NAME
T1	TITLE SHEET, AREA MAPS
A1	NOTES
A2	ENLARGED FLOOR PLAN
A3	ELEVATION PLAN
A4	DETAIL
E1	ELECTRICAL

BLDG. FC294 | SHEET 1 OF 6

MACC #26-0426

DWG. DANA WHITMORE

PROJECT #26M018CN

FC294 BAY DOORS REPLACEMENT

USMC CAMP LEJEUNE

T1

TITLE PAGE

SCOPE OF WORK: The contractor shall provide all material, labor, equipment, and supervision required to accomplish the following:

General description - This scope of work is to be accomplished at FC294 located aboard Camp Lejeune, North Carolina. FC294 is located on McHugh Blvd. This is a active Fire Department and will be active during the construction of new door installation, one side of bay shall be completed before the other side is started. This project will consist of demo existing six roll up doors on curve tracks, motors, master control panel, chain, chain drives, motor, motor controls. Contractor shall install six new roll up door motors, chain, chain drives, motor controls, master control panel. Complete new door system with all controls and hardware.
P.O.C for building Station Capt. 910-451-2131

DETAILED REQUIREMENTS AND SPECIFICATIONS: The contractor shall take his own field measurements in determining required materials and costs for the following.

SPECIAL SCHEDULING AND ACCESS: Access and scheduling to the work area shall be arranged through Contracting Officer"s Representative for the OICC office and the tenant of the building. Point of Contact for access to building.

NOTES:

1. The measurements and quantities furnished here are for reference only. The contractor is responsible for actual field verification prior to bidding, ordering material and during every step of construction for existing surfaces, dimensions and conditions.

2. Repair, refinish all areas damaged or disturbed by new work to be provided under this contract.

3. Contractor may ONLY use the Camp Lejeune Sanitary landfill for the disposal of asbestos containing materials, building products with tightly adhered lead containing paint, non-contaminated clean dirt and clean gravel. the hours of operations are 0730-1530 Monday- Thursday and 0730-1430 on Friday. delivery of acceptable materials (identified above) shall be by appointment only. Appointment made by phone at 1-910-457-5011 or 1-910-451-2946.

4. All other contractor generated material shall be weighed through the Base Landfill scales before being removed from the Base. Contractor utilizing the base scale will require Contracting Officers assisted per-registration with the Landfill manager.

5. The Contracting officer will register the contract via E-mail, with the base landfill. All haul vehicles will maintain a secure vehicle placed as a condition to utilize the scale. E-mail the contractors information to the Landfill Clerk, include the name on the Prime contractor, contract number, job name / description, completion date and whether or not any above material will be delivered to the Landfill.

6. Prior to performing "HOT WORK" (welding, cutting, etc.) or operating other flame -producing spark producing devices, a written permit shall be requested from the Fire Division. CONTRACTORS ARE REQUIRED TO MEET ALL CRITERIA BEFORE A PERMIT IS ISSUED. The contractor will provide at least two (2) twenty (20) pound 4A:20 BC rated extinguishers for normal "HOT WORK". All extinguishers shall be current inspection tagged, approved safety pin and tamper resistant seal. It is also mandatory to have a designated FIRE WATCH for any "HOT WORK" done at this activity. The Fire watch shall be trained in accordance with NFPA 51B and remain on site for a minimum of sixty (60) minutes after work is completed.

7. Contractor is to be aware of all rules, regulation and codes required for successful completion of project.

SUBMITTALS:

1. Contractor shall make electronic copies of all submittals, include the approved transmittal sheets and provide two (2) CD/DVD's containing all submittals for project. The CD/DVD's shall be marked "Complete Submittal package " FC294 ROLL UP DOOR REPLACEMENT" with Contract # as issued by Contracting Officer.

2. AFTER AWARD: The Contractor shall furnish the Contracting Officer, material, specifications for selection and approval prior to the ordering and installation of said materials.

3. The contractor is required to submit a schedule detailing when they and or any subcontractor will be working. The schedule must be approved by Government before beginning work.

4. The contractor shall submit to the Contracting Officer, the manufacture's product specifications, complete with technical products data for all of the material being used in this process. The product specification shall as a minimum, provide the technical details on the following items.

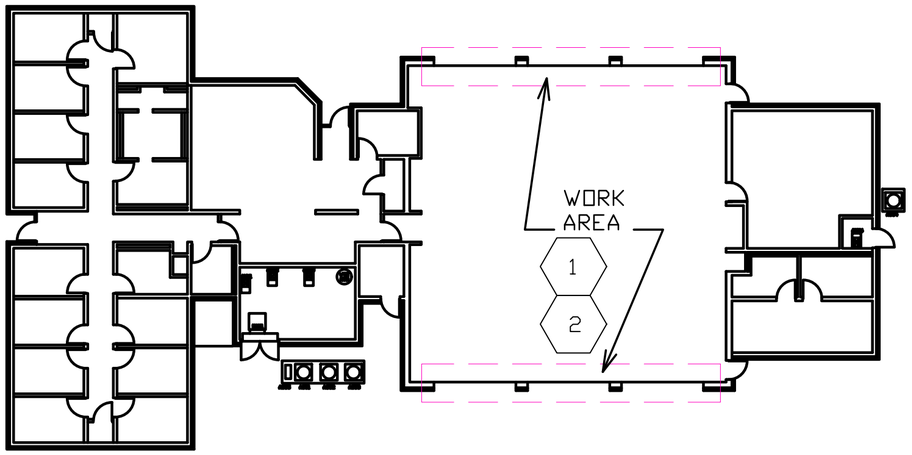
5. Submit:
   A. SHOP DRAWINGS.
   B. INSTALLATION DRAWINGS /shop drawings
   C. PRODUCT DATA
      C.A. Manufactures technical data Sheet
      C.B. Material Safety Data Sheets (MADA)
      C.C. Maintenance Data
   D. WARRANTY (10 year Commercial Limited Warranty)
   E. RED LINE DRAWINGS

6. Qualifications:
   6.1. Fabricator Qualifications: Minimum of three years documented experience in m similar in scope and complexity to this Project. Current certified by manufacturer as acceptable fabricator.
   6.2. Installer Qualifications: minimum of three years documented installation experience for project similar in scope and complexity to this project and currently certified by manufacturer as an acceptable installer.

FC294 SCOPE OF WORK:

Transport materials and equipment to work site:
Lay down site see Title page T!.

1. Remove six roll-up door, one side at a time.
2. Install new Series 14 x 14ft. match existing finish sectional roll-up door or equivalent, that can be used with new door operator.
3. Existing door operator is to be replaced with new operator.
   3.1. 4.1. Preserve, protect, and reuse conduit and wire when disconnected from existing system
4. Existing motor to be replaced with manufactures approved new motor
   4.1. Preserve, protect, and reuse conduit and wire when disconnected from existing system
5. New door shall be thermal insulated.
6. Vinyl weather stripping on the top, side and bottom of the bar.
7. This product will meet or exceed industry standards for wind loading.
8. Meet DASMA Specifications
9. Ensure all non-galvanized, exposed ferrous surfaces will receive one coat of rust inhibitive primer.
10. Subcontractor will not use dumpster's and landfill aboard Camp Lejeune. Take damaged door and all hardware and dispose of off base.



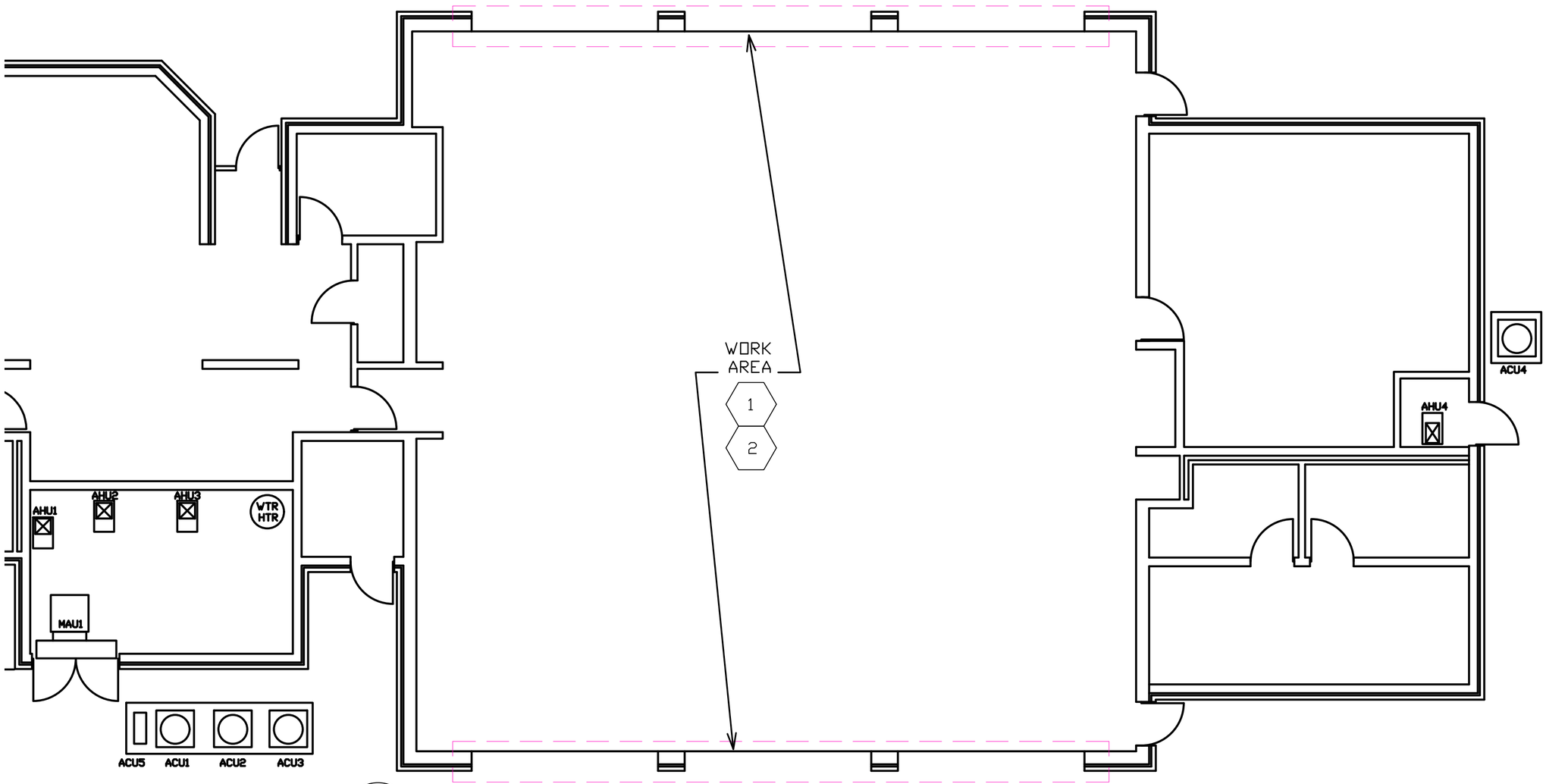
1 A2 A2 ENLARGED FLOOR PLAN

1/8" = 1'-0" 0 5' 10' 20'

No.	DEMO NOTES	RENO NOTES
01	DEMO SIX BAY DOORS & HARDWARE	PROVIDE NEW SUPPLY AND RETURN VENTS, CONNECT EXISTING LINES AT SAME LOCATION
02	MOTOR CONTROL WIRES DISCONNECT EXISTING ELECTRICAL CONNECTIONS	CONNECT NEW MOTOR TO NEW CONTROLS

SPECIFICATIONS: (BASIS OF DESIGN ArmRLite Commercial Doors)

1. DOOR TO BE INSULATED, RIBBED 24 GAUGE STEEL
2. FULL GLASS $\frac{7}{16}$" INSULATED
3. THREE (3") VERTICAL AND HORIZONTAL TRACK
4. EXTENDED CYCLE SPRING
5. PRE-FINISHED GALVANIZED STEEL
   - 5.1. COLOR: WHITE
6. HARDWARE:
   - 6.1. HARVEY DUTY GAUGE GALVANIZED STEEL
   - 6.2. ROLLERS:
     - 6.2.1. CONTINUOUS STEEL RIM
     - 6.2.2. HARDEN $\frac{1}{4}$" DIAMETER STEEL BEARINGS
     - 6.2.3. ALL HINGES AND FIXTURES $\frac{1}{4}$" DIAMETER THREAD FORMING BOLTS
7. COUNTERBALANCE:
   - 7.1. SHALL BE OIL TEMPERED HELICAL WOUND, TORSION SPRING
   - 7.2. LIFT CABLES SHALL BE AIR CRAFT QUALITY



2 A2 A2 FLOOR PLAN

3/8" = 1'-0" 0 1' 5'

FIELD VERIFY

BLDG. FC294 | SHEET 3 OF 6

MACC #26-0426

PROJECT #26M018CN

DWG: DANA WHITMORE

FC294 BAY DOORS REPLACEMENT

USMC CAMP LEJEUNE

A2

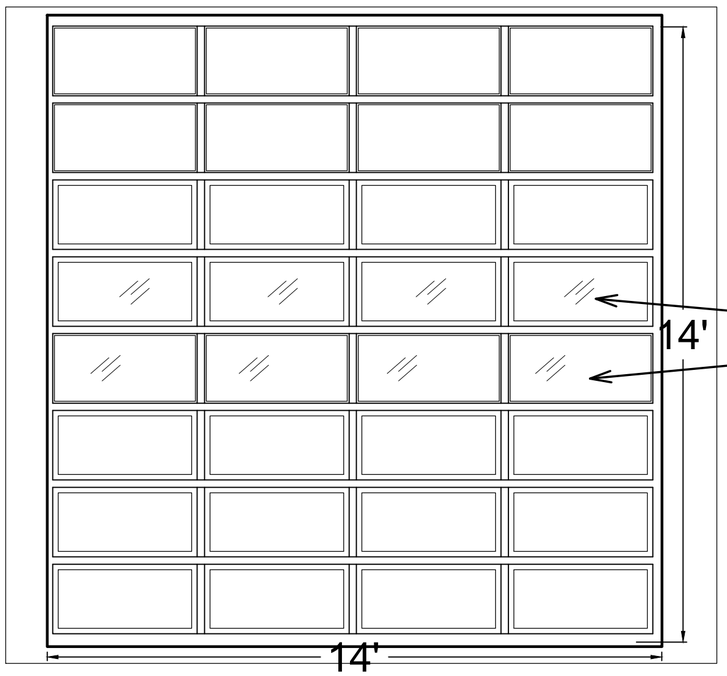
ENLARGED FLOOR PLAN

1 A3 A3 NORTH ELEVATION

3/32" = 1'-0" 0 5' 10' 20' 30'

2 A3 A3 SOUTH ELEVATION

1-1/2" = 1'-0" 0 6" 1' 2'



EXTERIOR:
INSULATED DOOR
TEMPERED SOLAR GRAY

FIELD VERIFY

3 A3 A3 SOUTH ELEVATION

1-1/2" = 1'-0" 0 6" 1' 2'

BLDG. FC294 | SHEET 4 OF 6

MACC #26-0426

PROJECT #26M018CN

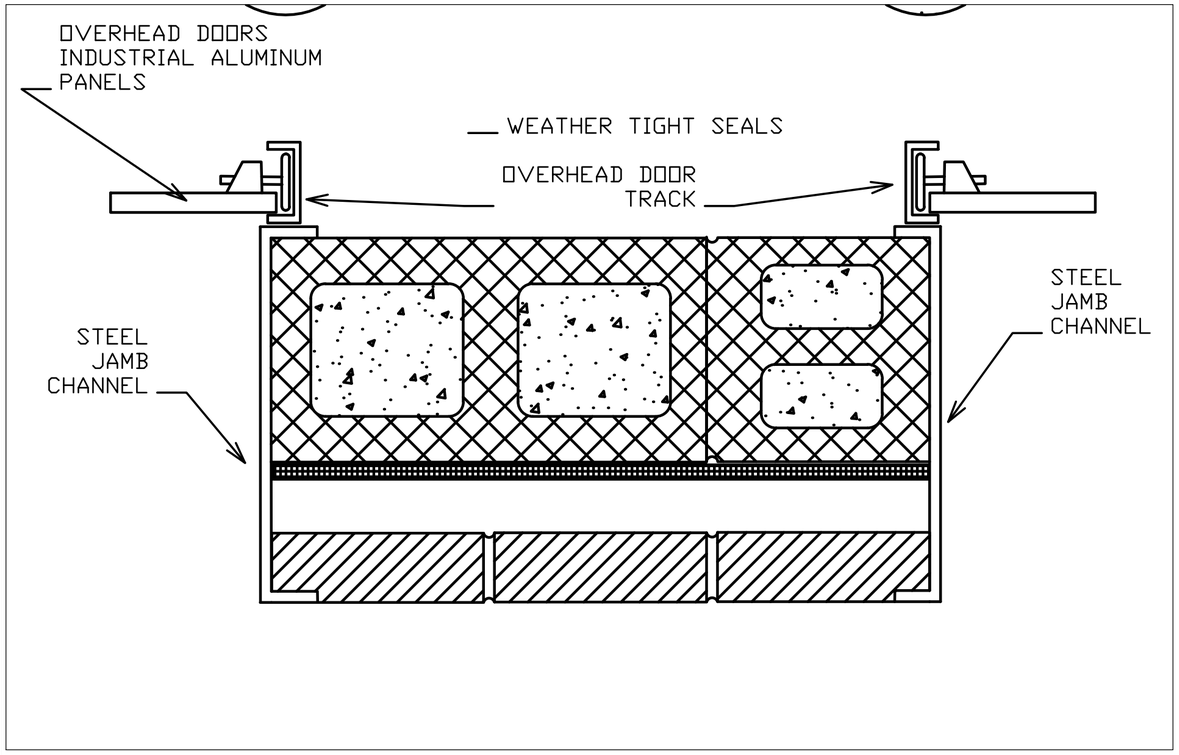
DWG: DANA WHITMORE

FC294 BAY DOORS REPLACEMENT

USMC CAMP LEJEUNE

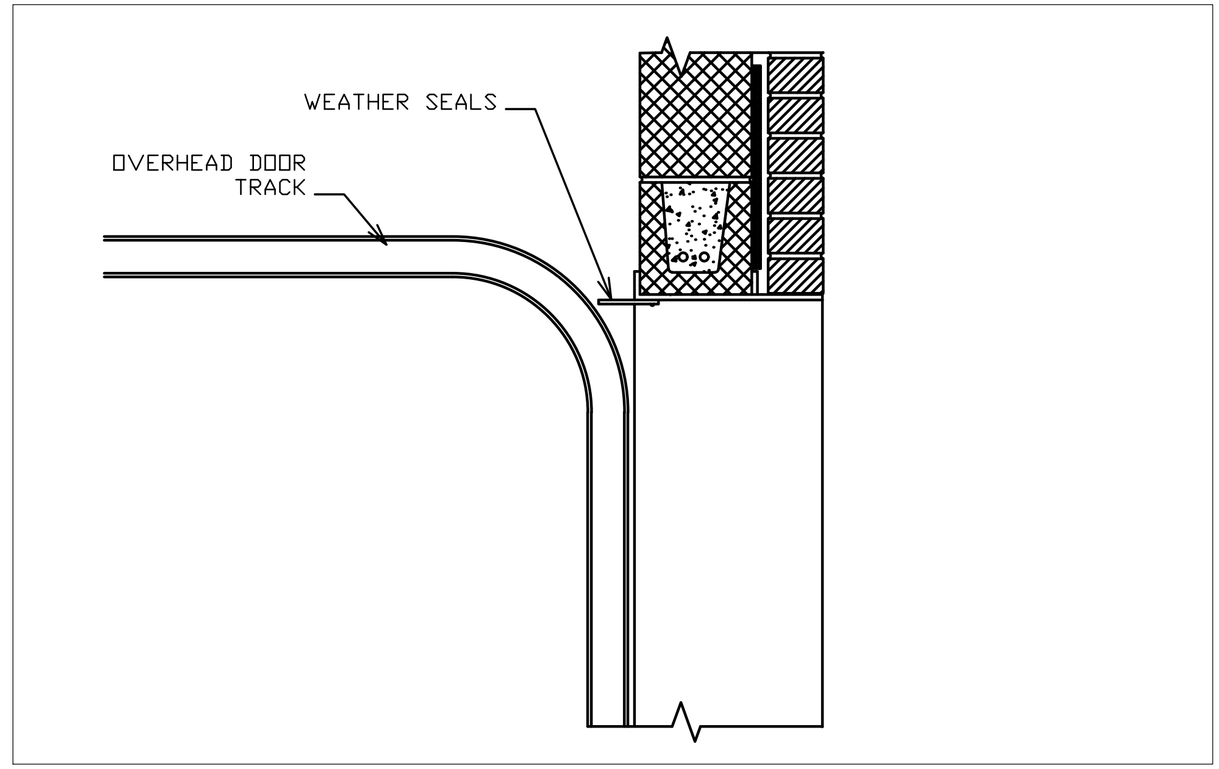
A3

DETAILS



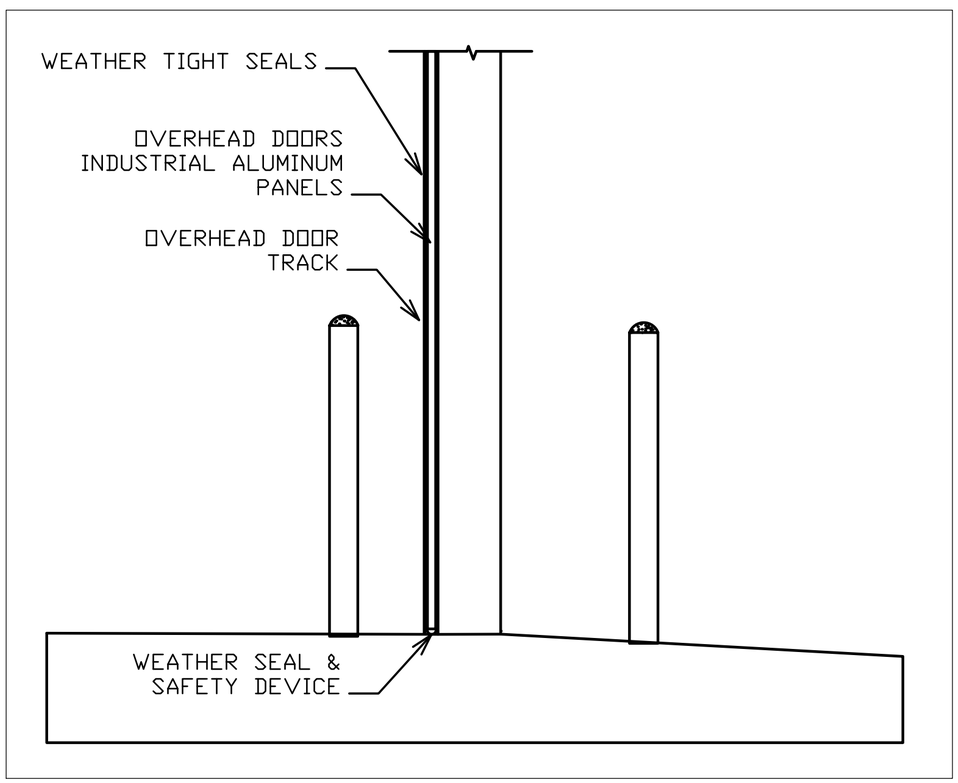
1 A4 A4 JAMB DETAIL

3" = 1'-0" 0 3" 6" 1'



2 A4 A4 HEAD DETAIL

1-1/2" = 1'-0" 0 6" 1' 2'



3 A4 A4 SILL DETAIL

1/2" = 1'-0" 0 1' 5'

FIELD VERIFY

BLDG. FC294 SHEET 5 OF 6

MACC #26-0426

DWG. DANA WHITMORE

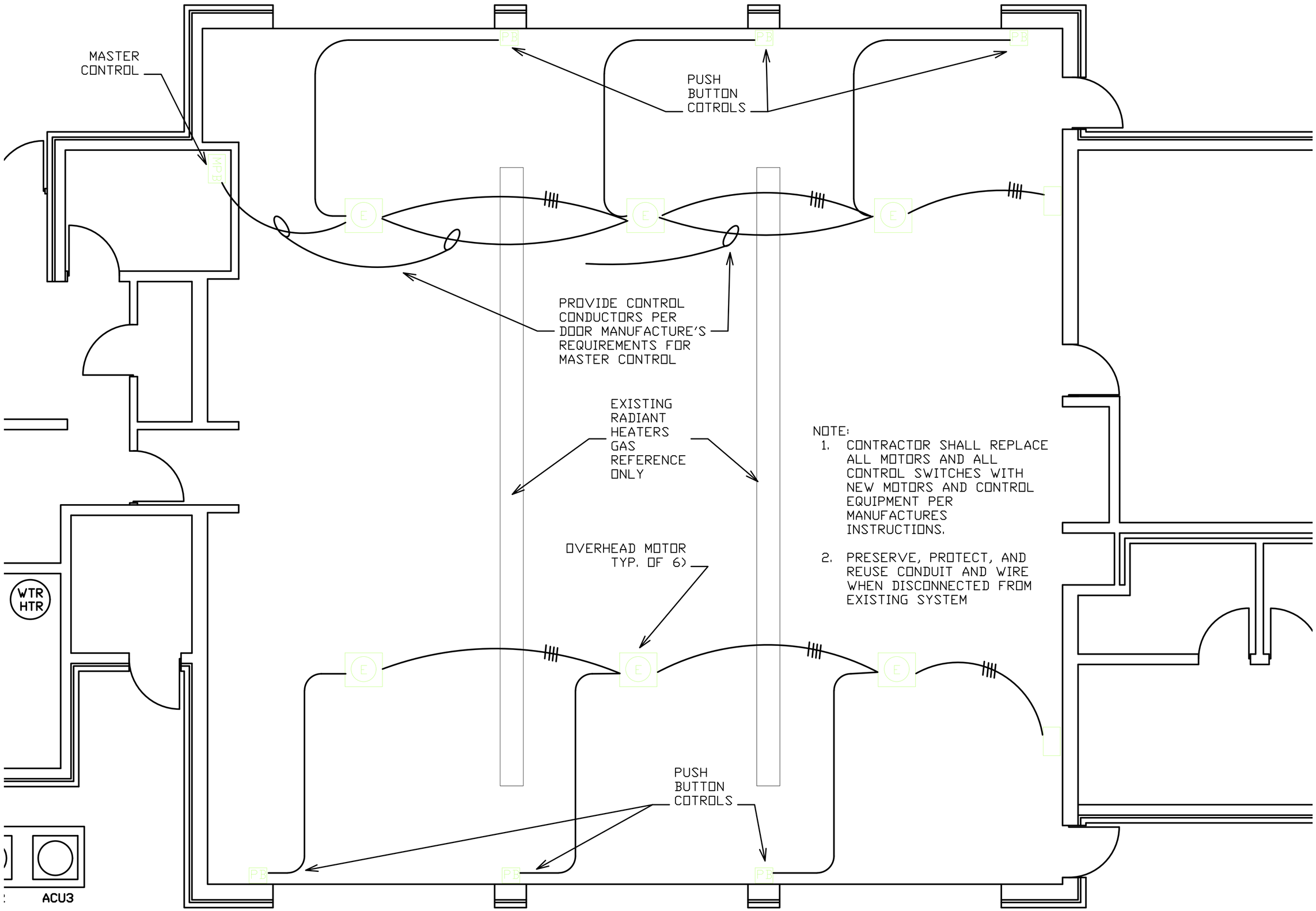
PROJECT #26M018CN

FC294 BAY DOORS
REPLACEMENT

USMC CAMP LEJEUNE

A4

DETAILS



NOTE:

1. CONTRACTOR SHALL REPLACE ALL MOTORS AND ALL CONTROL SWITCHES WITH NEW MOTORS AND CONTROL EQUIPMENT PER MANUFACTURES INSTRUCTIONS.
2. PRESERVE, PROTECT, AND REUSE CONDUIT AND WIRE WHEN DISCONNECTED FROM EXISTING SYSTEM

1 / A5 A5 MOTOR & CONTROL DETAILS

3/8" = 1'-0" 0 1' 5'

FIELD VERIFY

BLDG. FC294 SHEET 6 OF 6

MACC #26-0426

PROJECT #26M018CN

DWG: DANA WHITMORE

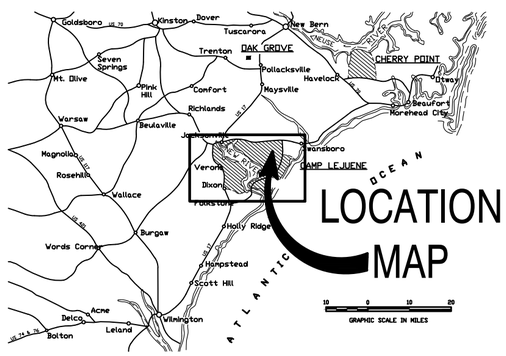
FC294 BAY DOORS REPLACEMENT

USMC CAMP LEJEUNE

E1

MOTOR CONTROL

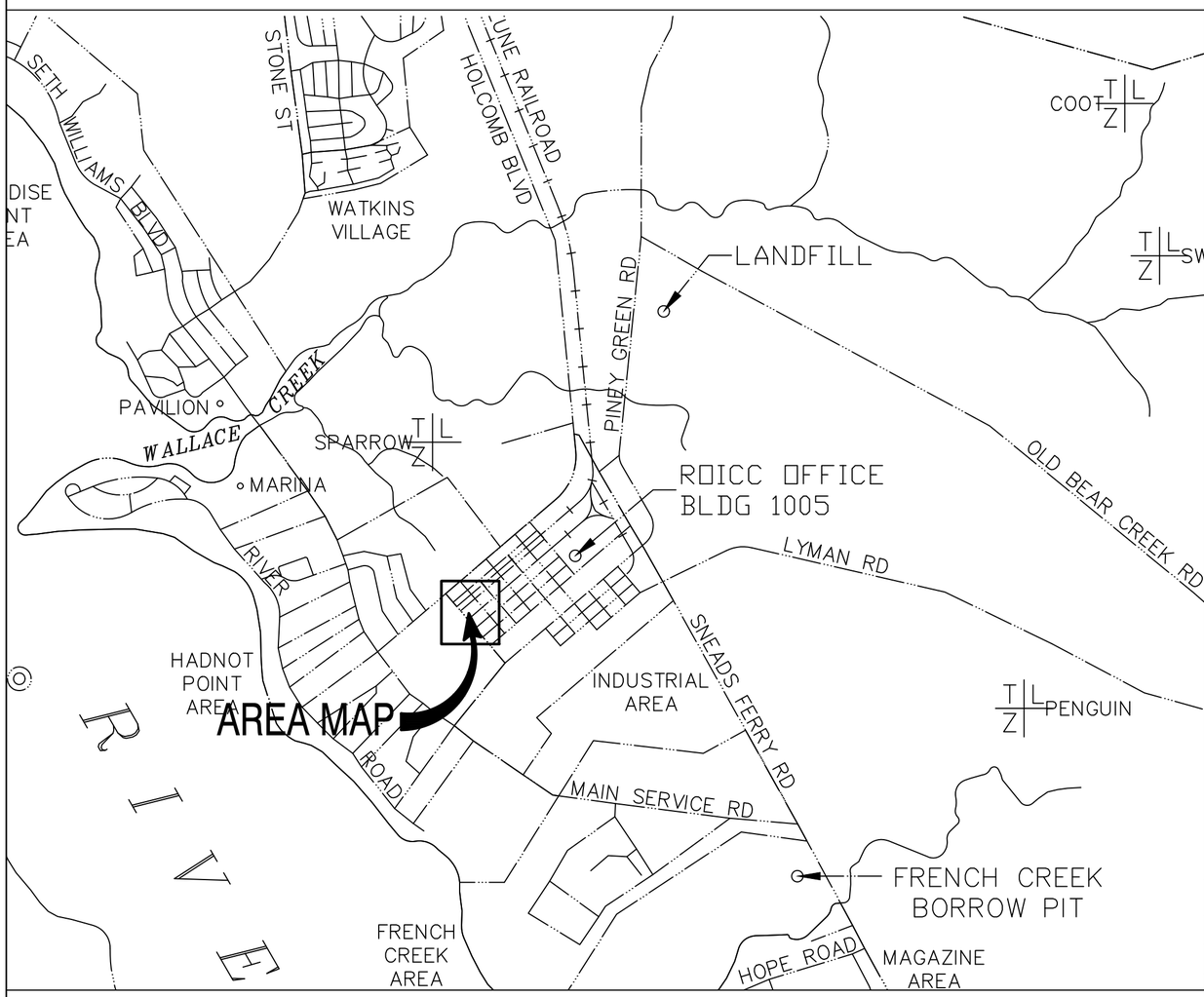
VICINITY MAP



1606 FIRE EXIT DOORS

CAMP LEJEUNE, N.C.

LOCATION MAP

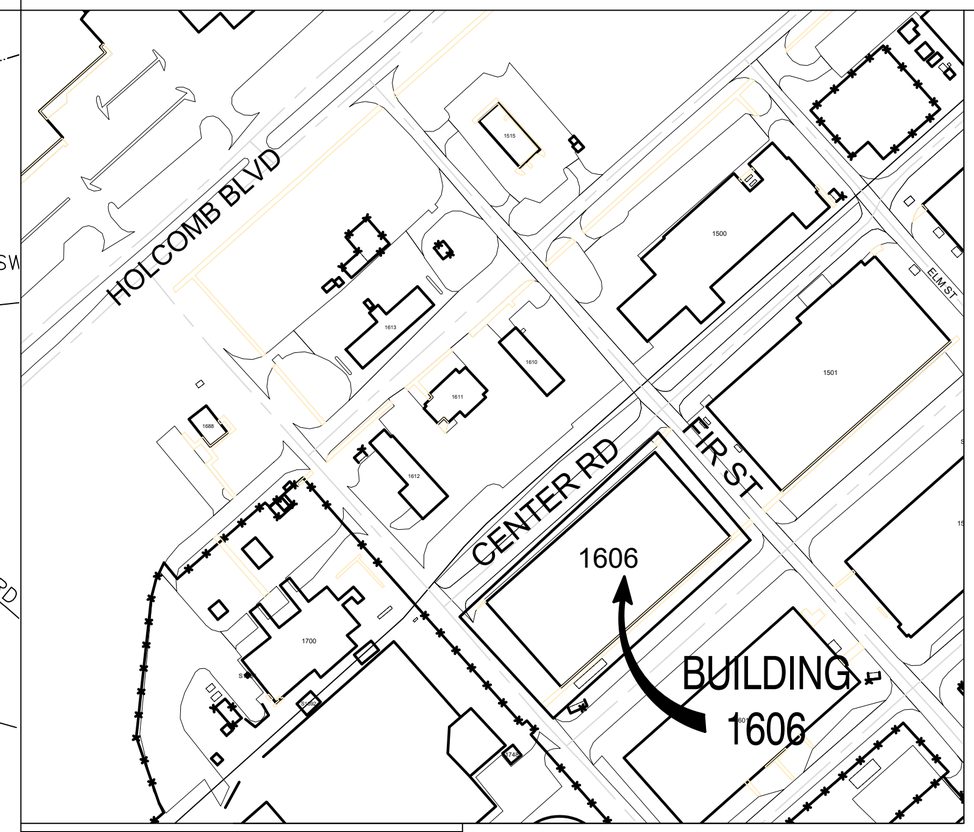


SECTION/DETAIL NUMBER

SHEET NUMBER WHERE DETAIL IS SHOWN

SHEET NUMBER WHERE DETAIL IS TAKEN

AREA MAP



DRAWING INDEX

SHEET #	SHEET NAME
T1	TITLE SHEET, AREA MAPS
A1	BUILDING FLOOR PLAN
A2	NOTES
A3	DOOR SCHEDULE
A4	DOOR ONE ELEVATION OPENING
A5	DOOR TWO ELEVATION OPENING

BLDG. 1606 | SHEET 1 OF 6

MACC #25-0456

DWG: DANA WHITMORE

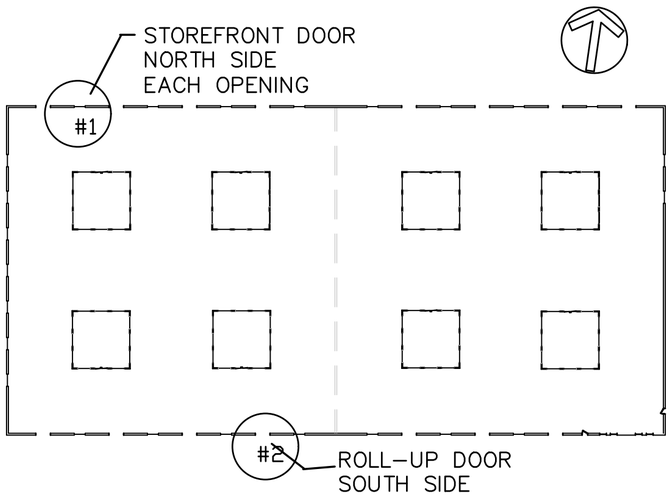
PROJECT #25M119CN

1606 FIRE EXIT DOORS

USMC CAMP LEJEUNE

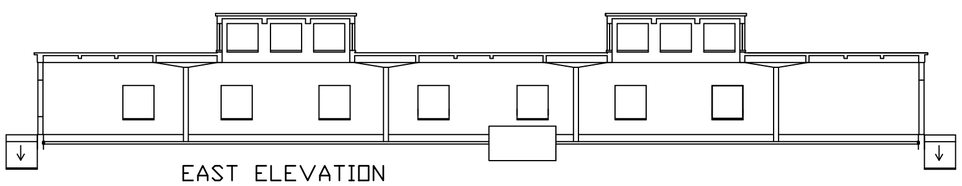
T1

TITLE PAGE

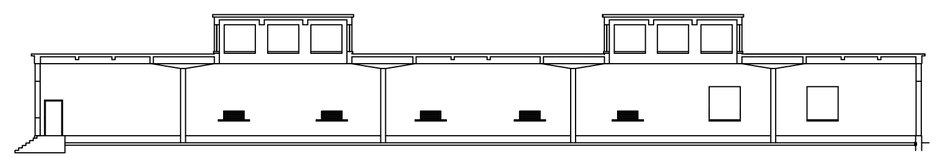


1 A1 A1 1606 ENLARGED FLOOR PLAN

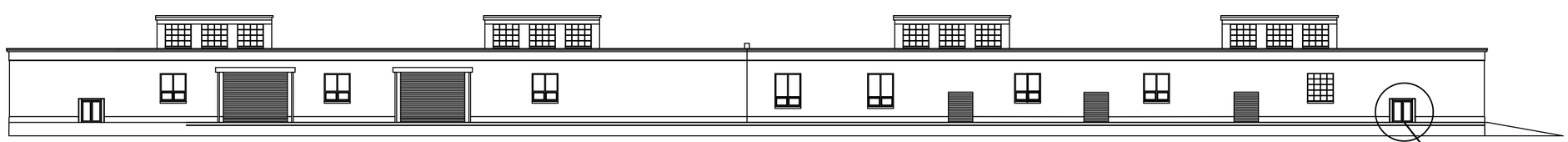
1/32" = 1'-0" 0 10' 20' 40'



EAST ELEVATION

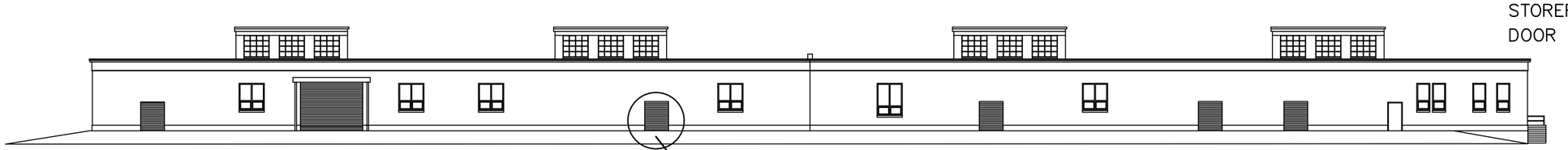


WEST ELEVATION



NORTH ELEVATION

SEE DEMOLITION NOTES
SHEET A4
STOREFRONT DOOR
DOOR #1



SOUTH ELEVATION

SEE DEMOLITION NOTES
SHEET A4
ROLLUP DOOR
DOOR #2

2 A1 A1 1606 BUILDING ELEVATION

1/32" = 1'-0" 0 10' 20' 40'

DRAWING AND DIMENSIONS ARE REFERENCE ONLY

SHEET 2 OF 6

BLDG. 1606

MACC #25-0456

PROJECT #25M119CN

DWG: DANA WHITMORE

1606 FIRE EXIT DOORS

USMC CAMP LEJEUNE

A1

BUILDING FLOOR PLAN
BUILDING ELEVATION

SCOPE OF WORK: The contractor shall provide all material, labor, equipment, and supervision required to accomplish the following:

General description - This scope of work is to be accomplished at building 1606 building 1606 is located on Center Road, at Camp Lejeune, North Carolina. This project will consist of the Contractor: shall provide material, equipment and labor as required to demo one storefront door and one roll-up door,. install two(2) sets of double door with frame and hardware accomplish work specified.

DETAILED REQUIREMENTS AND SPECIFICATIONS: The contractor shall take his own field measurements in determining required materials and costs for the following.

SPECIAL SCHEDULING AND ACCESS: Access and scheduling to the work area shall be arranged through Contracting Officer"s Representative for the OICC office and the tenant of the building. Point of Contact for access to building.

NOTES:

1. The measurements and quantities furnished here are for reference only. The contractor is responsible for actual field verification prior to bidding, ordering material and during every step of construction for existing surfaces, dimensions and conditions.

2. Repair, refinish all areas damaged or disturbed by new work to be provided under this contract.

3. Contractor may ONLY use the Camp Lejeune Sanitary landfill for the disposal of asbestos containing materials, building products with tightly adhered lead containing paint, non-contaminated clean dirt and clean gravel. the hours of operations are 0730-1530 Monday- Thursday and 0730-1430 on Friday. delivery of acceptable materials (identified above) shall be by appointment only. Appointment made by phone at 1-910-457-5011 or 1-910-451-2946.

4. All other contractor generated material shall be weighed through the Base Landfill scales before being removed from the Base. Contractor utilizing the base scale will require Contracting Officers assisted per-registration with the Landfill manager.

5. The Contracting officer will register the contract via E-mail, with the base landfill. All haul vehicles will maintain a secure vehicle placed as a condition to utilize the scale. E-mail the contractors information to the Landfill Clerk, include the name on the Prime contractor, contract number, job name / description, completion date and whether or not any above material will be delivered to the Landfill.

6. Prior to performing "HOT WORK" (welding, cutting, etc.) or operating other flame -producing spark producing devices, a written permit shall be requested from the Fire Division. CONTRACTORS ARE REQUIRED TO MEET ALL CRITERIA BEFORE A PERMIT IS ISSUED. The contractor will provide at least two (2) twenty (20) pound 4A:20 BC rated extinguishers for normal "HOT WORK". All extinguishers shall be current inspection tagged, approved safety pin and tamper resistant seal. It is also mandatory to have a designated FIRE WATCH for any "HOT WORK" done at this activity. The Fire watch shall be trained in accordance with NFPA 51B and remain on site for a minimum of sixty (60) minutes after work is completed.

7. Contractor is to be aware of all rules, regulation and codes required for successful completion of project.

SUBMITTALS:

1. Contractor shall make electronic copies of all submittals, include the approved transmittal sheets and provide two (2) CD/DVD's containing all submittals for project. The CD/DVD's shall be marked "Complete Submittal package - "1606 FIRE EXIT DOORS" with Contract # as issued by Contracting Officer.

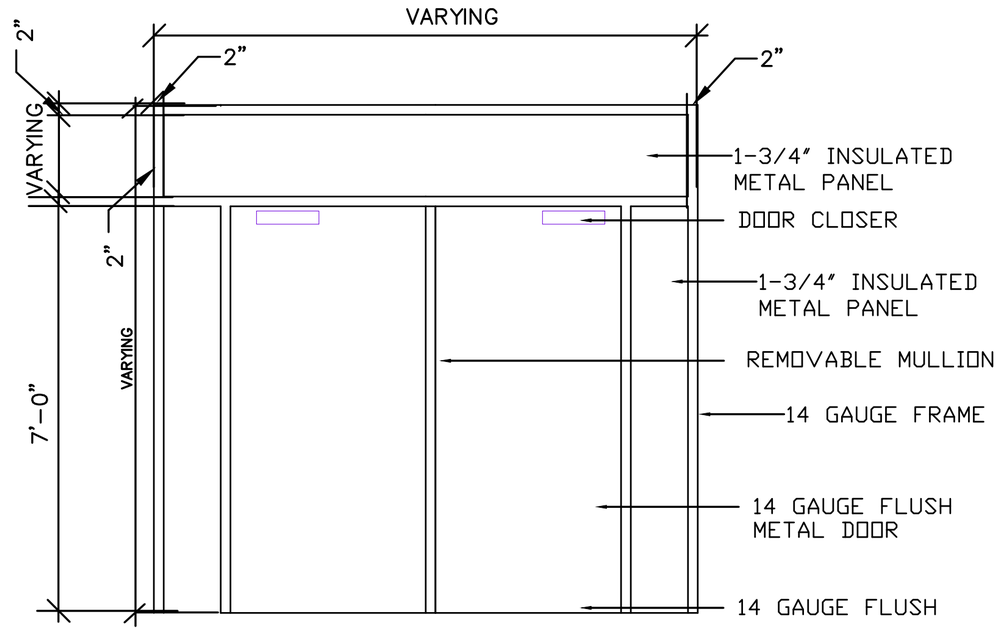
2. AFTER AWARD: The Contractor shall furnish the Contracting Officer, material, specifications for selection and approval prior to the ordering and installation of said materials.

3. The contractor is required to submit a schedule detailing when they and or any subcontractor will be working. The schedule must be approved by Government before beginning work.

4. The contractor shall submit to the Contracting Officer, the manufacture's product specifications, complete with technical products data for all of the material being used in this process. The product specification shall as a minimum, provide the technical details on the following items.

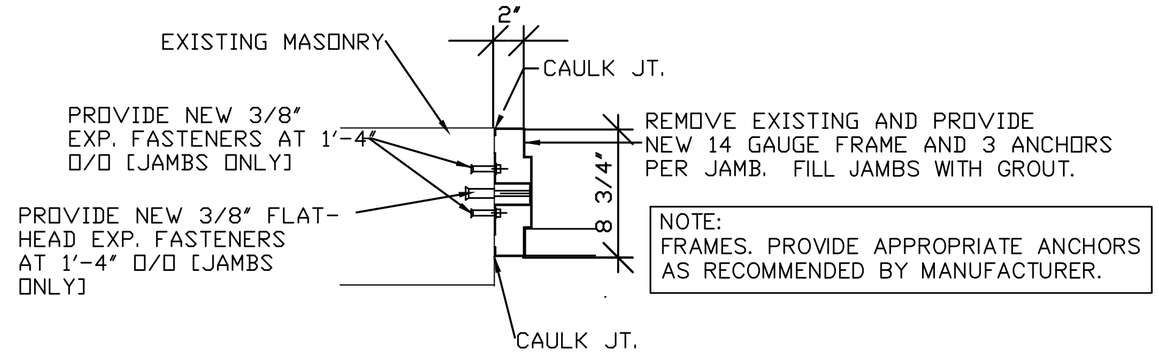
5. Submit:
   A. SHOP DRAWINGS.
   B. INSTALLATION DRAWINGS /shop drawings
   C. PRODUCT DATA OF ALL MATERIAL
      C.A. Manufactures technical data Sheet
      C.B. Material Safety Data Sheets (MADA)
      C.C. Maintenance Data
   D. WARRANTY
6. Qualifications:
   6.1. Fabricator Qualifications: Minimum of three years documented experience in metal door and frames similar in scope and complexity to this Project.
   6.2. Installer Qualifications: Minimum of three years documented experience in metal door and frames similar in scope and complexity to this project.

7. Building opening shall be secured daily during the duration of installation of the new metal door.



TYPICAL NEW FRAME ELEVATION

(FOR DOORS NORTH & SOUTH) SCALE 1/2" = 1'-0"

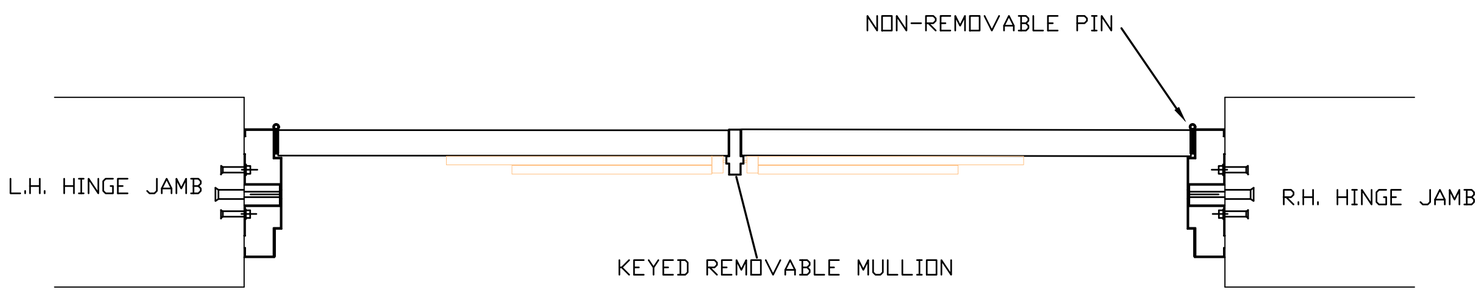


NOTE:
FRAMES. PROVIDE APPROPRIATE ANCHORS AS RECOMMENDED BY MANUFACTURER.

TYPICAL NEW JAMB AND HEAD DETAIL

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

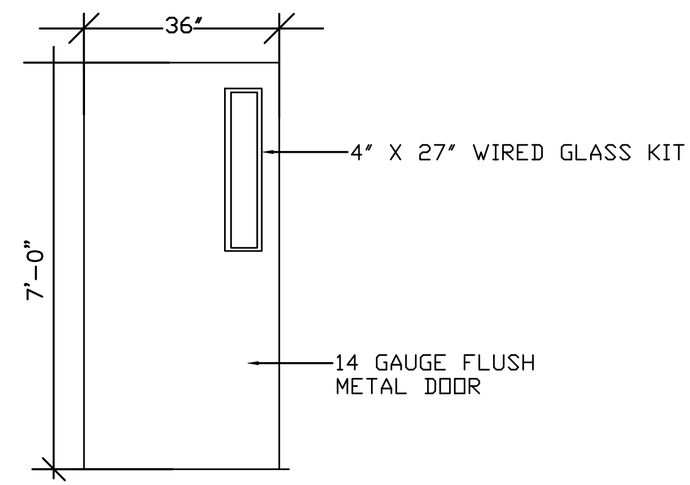
NOTE:
SIZES OF MASONRY OPENINGS VARY SLIGHTLY. FIELD VERIFY PRIOR TO FABRICATION AND INSTALLATION.
FASTENERS ARE TO BE INSTALLED PER MANUFACTURES WRITTEN INSTRUCTION



TYPICAL NEW JAMB DETAIL

PAIR OF DOORS SWING OUT DOUBLE DOOR FRAME. FIELD VERIFY PRIOR TO FABRICATION AND INSTALLATION.

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



NEW DOOR ELEVATION

(FOR DOORS NORTH & SOUTH) SCALE 1/2" = 1'-0"
(GLASS KIT FOR DOORS NORTH ONLY)

OPENING SCHEDULE

OPENING NUMBER	ELEVATION	NOMINAL WIDTH	NOMINAL HEIGHT	TYPE	HAND	FRAME SERIES	FRAME MAT'L	FRAME GAUGE	FRAME PROFILE	JAMB DEPTH	FACING JAMB HD	FRAME CONST	ANCHOR TYPE	DOOR SERIES	DOOR MAT'L	DOOR GAUGE	DOOR THICK	DOOR TYPE	DOOR CORE	DOOR GLASS	DOOR EDGE	DOOR FINISH	DOOR LOCK	HARDWARE GROUP
#1	A6	36", 36"	84"	PAIR	RHRA	MASONRY	CRS	14	MASONRY	8 3/4"	2", 2"	WELD	MSA	HM	CRS	16	1 3/4"	F	PS	4"X27"	SEAMLESS	PRIME	MORTIS	1
#2	A8	36", 36"	84"	PAIR	RHRA	MASONRY	CRS	14	MASONRY	8 3/4"	2", 2"	WELD	MSA	HM	CRS	16	1 3/4"	F	PS		SEAMLESS	PRIME	MORTIS	1

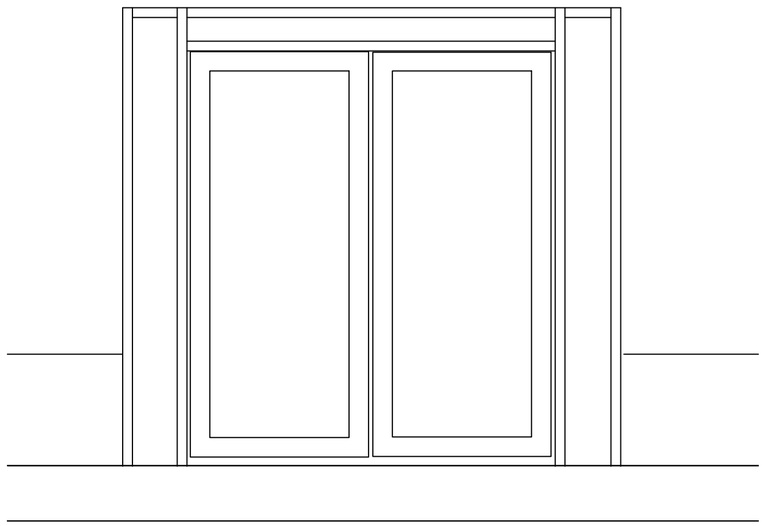
HARDWARE SCHEDULE

NORTH & SOUTH TWO DOUBLE SET OF DOORS
12 - HINGES: HAGER BB1199 4 ½" X 4 ½" US32D NRP
4 - FLUSH BOLT: BURNS 590 US26D
4 - EXIST DEVICE: VON DUPRIN 99EO-262-36" X 84" DOOR 1 ¾"-RHR
4 - SURFACE CLOSER: NORTON RIXSON 7500H-PA 689
2 - THRESHOLD: NGP 426-72 (PA)
4 - DOOR SWEEPS: 36"
4 - DOOR STOPS FLOOR MOUNTED
2 - WEATHER STRIPPING KITS (DLB. DOORS NORTH & SOUTH)
2 - MULLIONS REMOVABLE KEYED
4 - GLASS KITS 4" X 27"
2 - MORTIS LOCK / LEAVER ACTION HANDLE/ 7-PIN SMALL FORMAT(USE EXISTING CORE) NORTH ONLY

NOTE:
DOORS AND FRAME SHALL BE FACTOR PRIMES.
DOORS AND FRAME SHALL BE PAINTED GRAY.
DOORS HARDWARE SHALL BE SATIN CHROME FINISH.

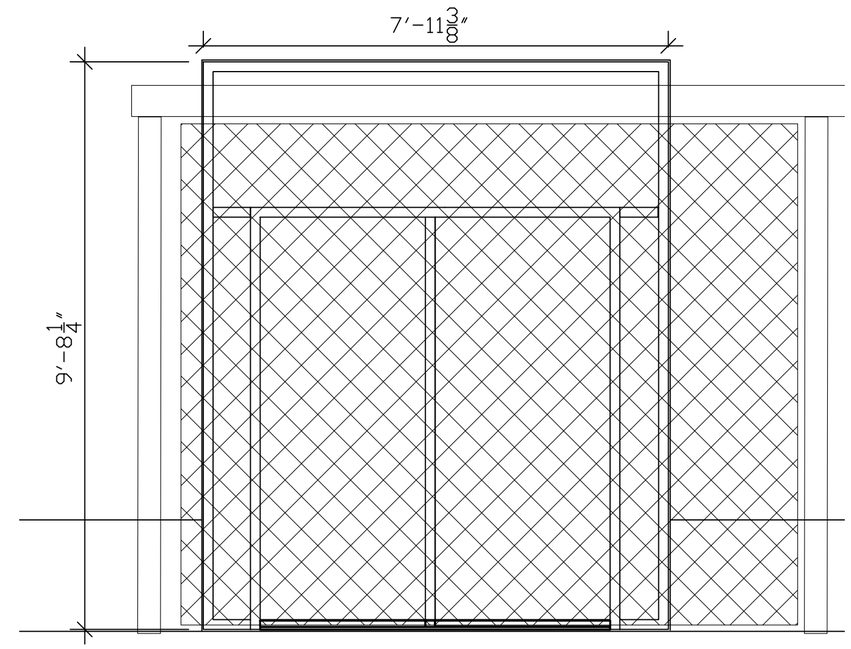
DRAWING AND DIMENSIONS ARE REFERENCE ONLY

BLDG. 1606 SHEET 4 OF 6
MACC #25-0456
PROJECT #25M119CN
DWG: DANA WHITMORE
1606 FIRE EXIT DOORS
USMC CAMP LEJEUNE
A3
DOOR SCHEDULE



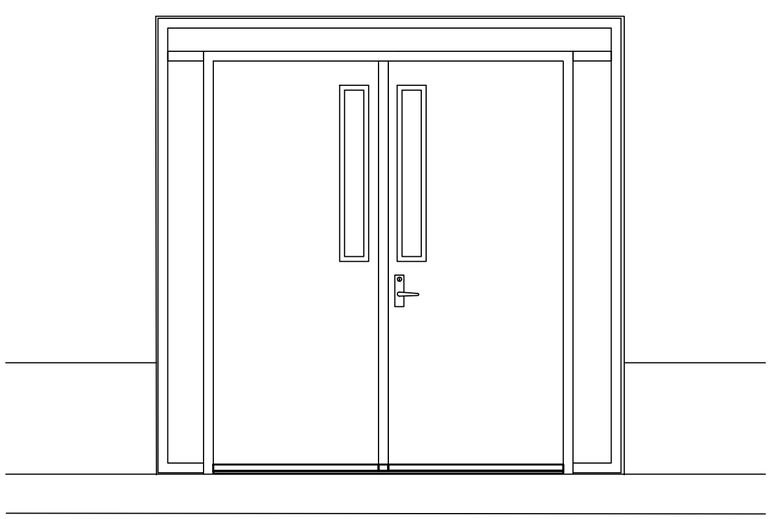
1 A5 A5 DEMO DOOR #1 EXTERIOR

3/16" = 1'-0" 0 5' 10' 15'



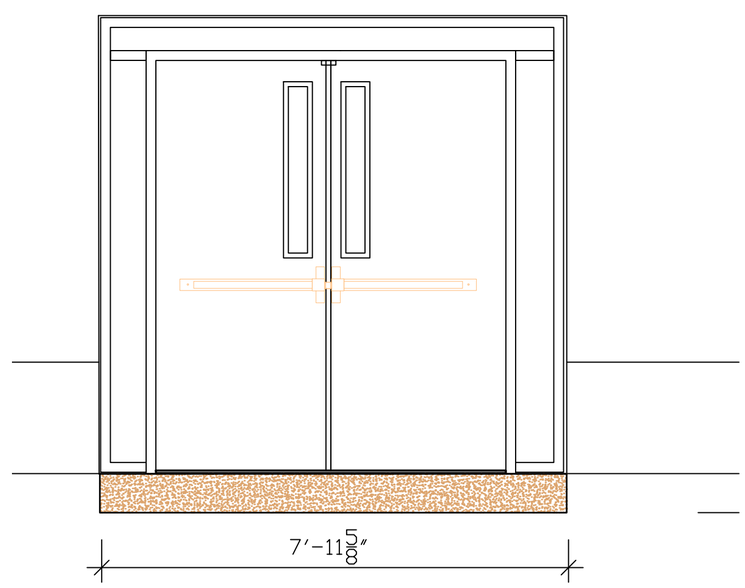
2 A5 A5 DEMO DOOR #1 INTERIOR

1/2" = 1'-0" 0 1' 5'



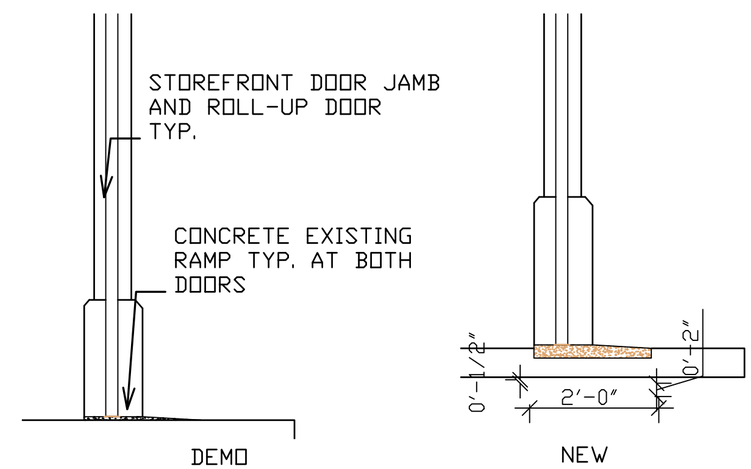
3 A5 A5 NEW DOOR #1 EXTERIOR

1/2" = 1'-0" 0 1' 5'



4 A5 A5 NEW DOOR #1 INTERIOR

1/2" = 1'-0" 0 1' 5'



5 A5 A5 THRESHOLD ELEVATION

1/2" = 1'-0" 0 1' 5'

DOOR #1

1. CONTRACTOR SHALL POUR NEW CONCRETE FOR HANDICAP THRESHOLD AND NEW CONCRETE RAMP ON INSIDE OF BUILDING.
2. CONTRACTOR SHALL VERIFY TRANSITION OF THRESHOLD TO BE LEVEL.
3. CONTRACTOR TO INSTALL NEW METAL FRAME AND DOOR WITH ALL ASSOCIATED HARDWARE SEE SPECIFICATION SHEET A3.

DRAWING AND DIMENSIONS ARE REFERENCE ONLY

SHEET 5 OF 6

BLDG. 1606

MACC #25-0456

PROJECT #25M119CN

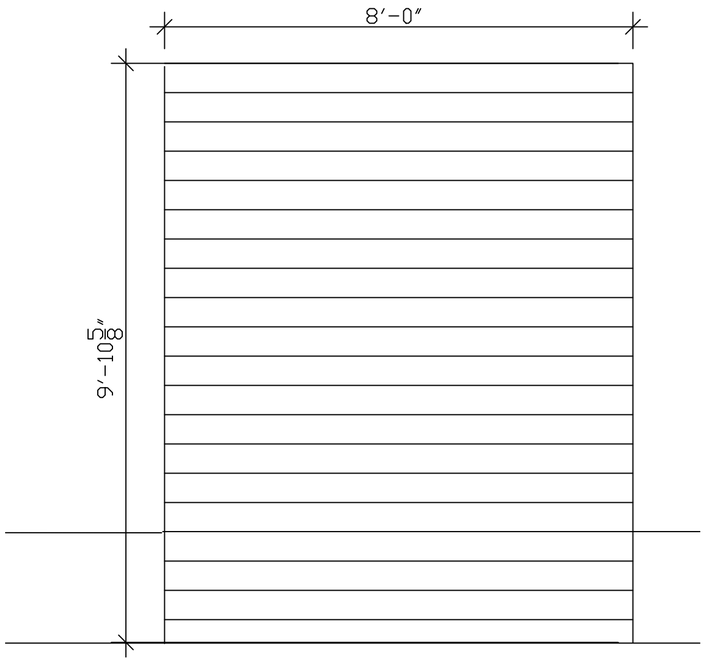
DWG: DANA WHITMORE

1606 FIRE EXIT DOORS

USMC CAMP LEJEUNE

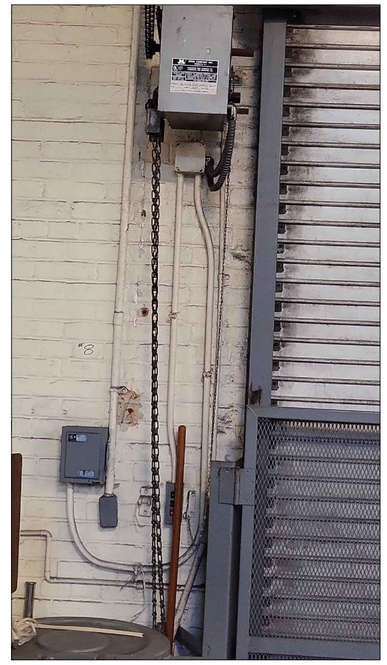
A4

DOOR ONE(1) ELEVATION OPENING

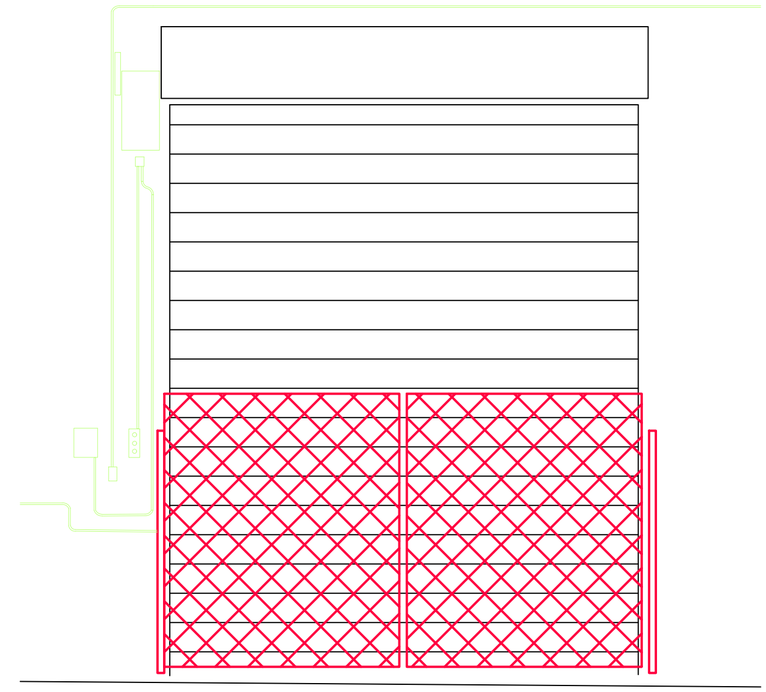


1 A6 A6 DEMO DOOR #2 INTERIOR

1/2" = 1'-0" 0 1' 5'

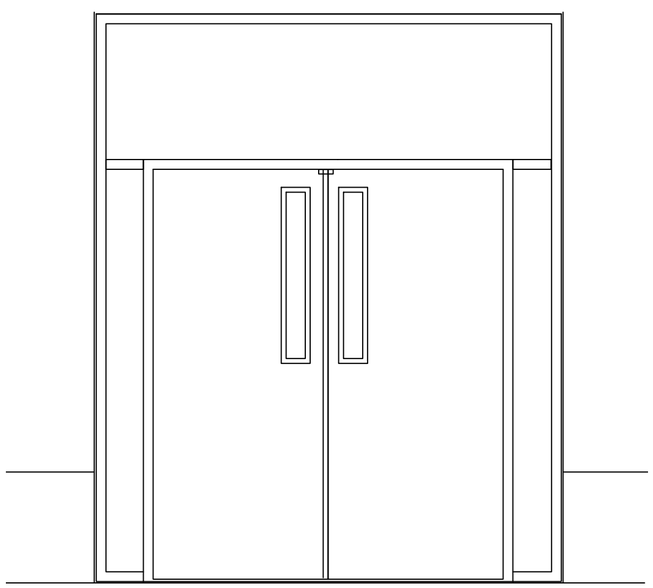


2 A6 A6 DEMO ELECTRICAL



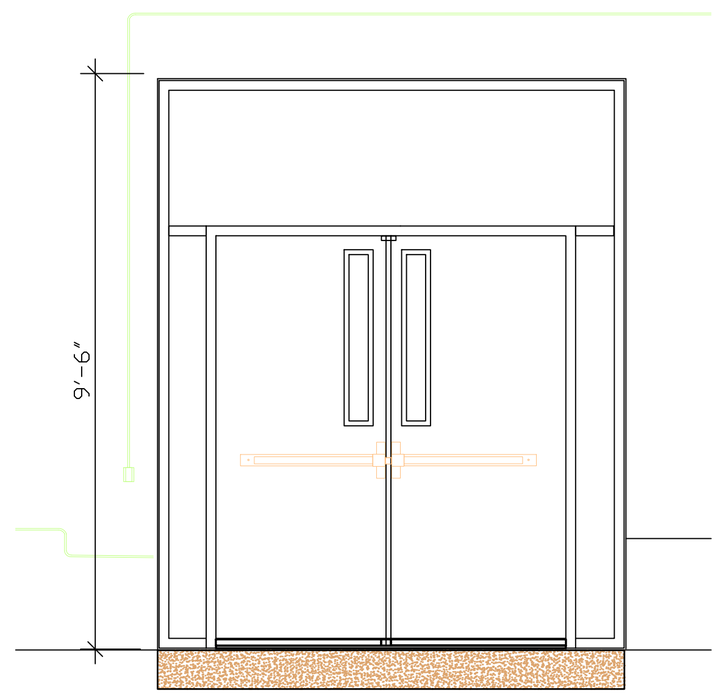
3 A6 A6 DEMO DOOR #2 INTERIOR

1/2" = 1'-0" 0 1' 5'



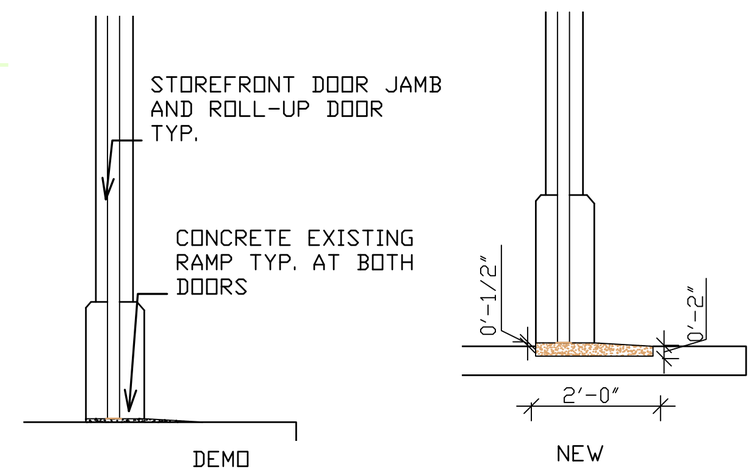
4 A6 A6 NEW DOOR #2 EXTERIOR

1/2" = 1'-0" 0 1' 5'



5 A6 A6 NEW DOOR #2 INTERIOR

1/2" = 1'-0" 0 1' 5'



6 A6 A6 THRESHOLD ELEVATION

1/2" = 1'-0" 0 1' 5'

DOOR ONE:

1. CONTRACTOR SHALL POUR NEW CONCRETE FOR HANDICAP THRESHOLD AND NEW CONCRETE RAMP ON INSIDE OF BUILDING.
2. CONTRACTOR SHALL VERIFY TRANSITION OF THRESHOLD TO BE LEVEL.
3. CONTRACTOR TO INSTALL NEW METAL FRAME AND DOOR WITH ALL ASSOCIATED HARDWARE SEE SPECIFICATION SHEET A2.

SHEET 6 OF 6

BLDG. 1606

MACC #25-0456

PROJECT #25M119CN

DWG: DANA WHITMORE

1606 FIRE EXIT DOORS

USMC CAMP LEJEUNE

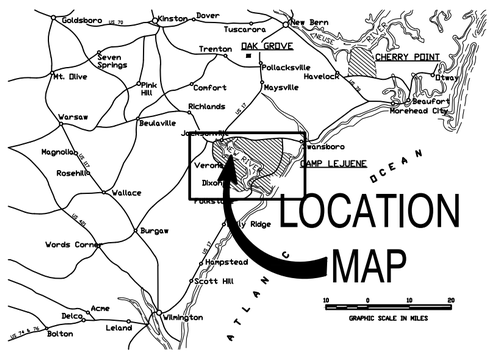
A5

DOOR TWO(2) ELEVATION OPENING

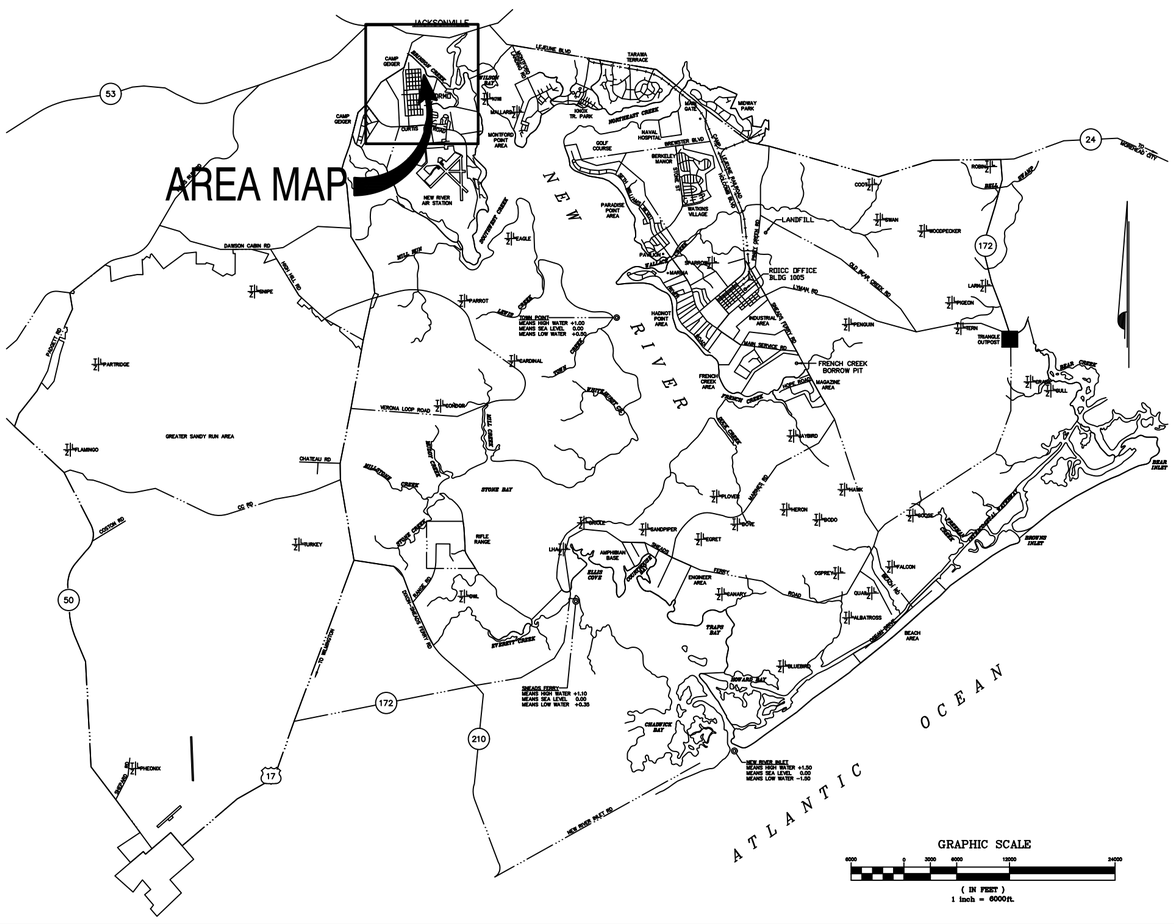
G640
FREEZER DOORS

CAMP GEIGER, N.C.

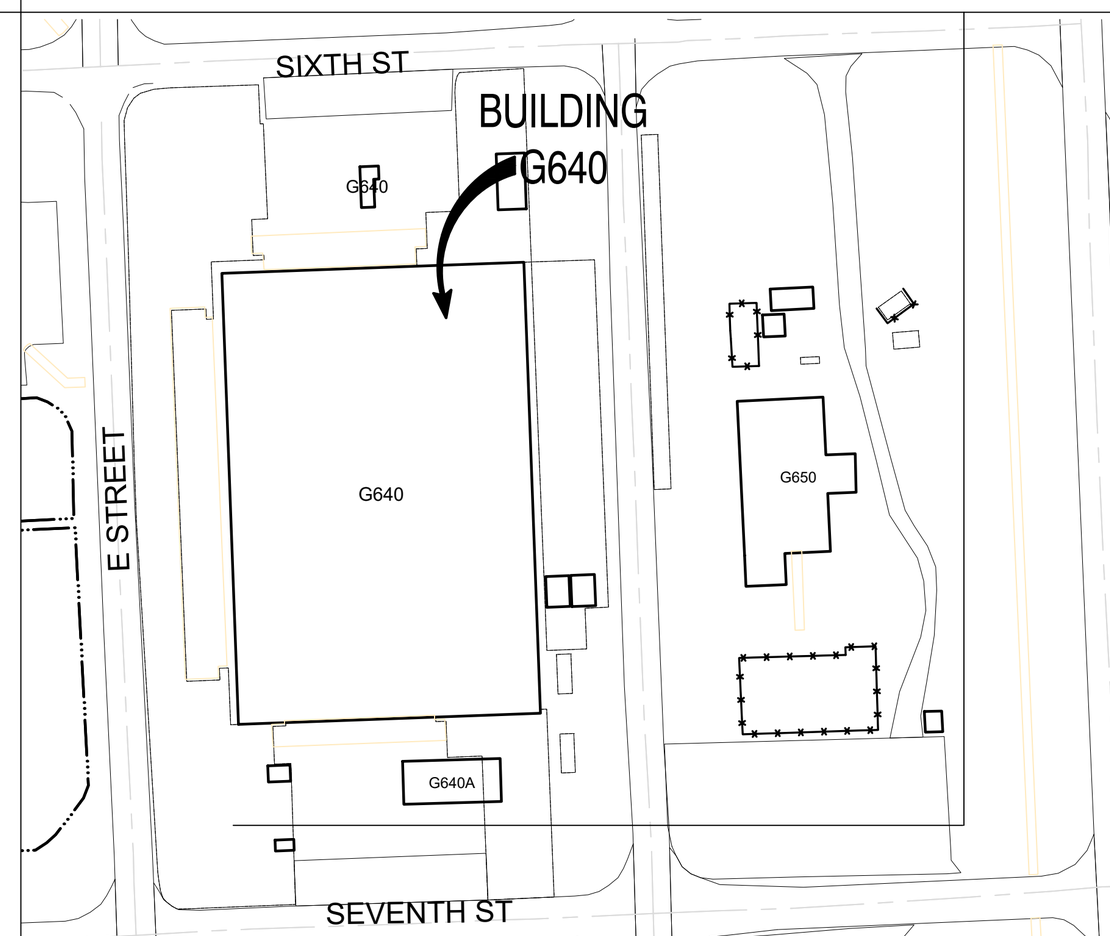
VICINITY MAP



LOCATION MAP



AREA MAP



DRAWING INDEX

SHEET #	SHEET NAME
T1	TITLE SHEET, AREA MAPS
A1	NOTES
A2	FLOOR PLAN
A3	REFRIGERATOR / FREEZER SCHEDULE

SECTION/DETAIL NUMBER

SHEET NUMBER WHERE DETAIL IS SHOWN

SHEET NUMBER WHERE DETAIL IS TAKEN

G640 REFRIGERATOR FREEZER DOORS REPLAVEMENT

USMC CAMP LEJEUNE

BLDG. G640 SHEET 1 OF 4

MACC #24-0421

DWG: DANA WHITMORE

PROJECT #24M057CN

T1

TITLE PAGE

SCOPE OF WORK: THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND SUPERVISION REQUIRED TO ACCOMPLISH THE FOLLOWING:

GENERAL DESCRIPTION – THIS SCOPE OF WORK IS TO BE ACCOMPLISHED AT G640 LOCATED ON "E" STREET AT CAMP GEIGER, NORTH CAROLINA. THIS PROJECT WILL CONSIST OF REMOVING AND REPLACING FOUR(4) REFRIGERATOR DOORS AND THREE(3) FREEZER DOOR. CONTRACTOR TO PROVIDE NEW DOORS IN EXISTING OPENING, CONTRACTOR TO REPAIR WALLS AND FLOOR TO FACILITATE THE NEW REPLACEMENT DOOR, DOOR FRAME, AND HARDWARE FOR AIR TIGHT SEAL OF DOORS.

DETAILED REQUIREMENTS AND SPECIFICATIONS: THE CONTRACTOR SHALL TAKE HIS OWN FIELD MEASUREMENTS IN DETERMINING REQUIRED MATERIALS AND COSTS FOR THE FOLLOWING.

SPECIAL SCHEDULING AND ACCESS: ACCESS AND SCHEDULING TO THE WORK AREA SHALL BE ARRANGED THROUGH CONTRACTING OFFICER"S REPRESENTATIVE FOR THE OICC OFFICE AND THE TENANT OF THE BUILDING. POINT OF CONTACT FOR ACCESS TO BUILDING IS TERRY CASTLEBERRY, MR. CASTLEBERRY CAN BE REACHED AT 910–451–6270

NOTES:

1. THE MEASUREMENTS AND QUANTITIES FURNISHED HERE ARE FOR REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD VERIFICATION PRIOR TO BIDDING, ORDERING MATERIAL AND DURING EVERY STEP OF CONSTRUCTION FOR EXISTING SURFACES, DIMENSIONS AND CONDITIONS.

2. REPAIR, REFINISH ALL AREAS DAMAGED OR DISTURBED BY NEW WORK TO BE PROVIDED UNDER THIS CONTRACT.

3. CONTRACTOR MAY ONLY USE THE CAMP LEJEUNE SANITARY LANDFILL FOR THE DISPOSAL OF ASBESTOS CONTAINING MATERIALS, BUILDING PRODUCTS WITH TIGHTLY ADHERED LEAD CONTAINING PAINT, NON–CONTAMINATED CLEAN DIRT AND CLEAN GRAVEL. THE HOURS OF OPERATIONS ARE 0730–1530 MONDAY– THURSDAY AND 0730–1430 ON FRIDAY. DELIVERY OF ACCEPTABLE MATERIALS (IDENTIFIED ABOVE) SHALL BE BY APPOINTMENT ONLY. APPOINTMENT MADE BY PHONE AT 1–910–457–5011 OR 1–910–451–2946.

4. ALL OTHER CONTRACTOR GENERATED MATERIAL SHALL BE WEIGHED THROUGH THE BASE LANDFILL SCALES BEFORE BEING REMOVED FROM THE BASE. CONTRACTOR UTILIZING THE BASE SCALE WILL REQUIRE CONTRACTING OFFICERS ASSISTED PER–REGISTRATION WITH THE LANDFILL MANAGER.

5. THE CONTRACTING OFFICER WILL REGISTER THE CONTRACT VIA E–MAIL, WITH THE BASE LANDFILL. ALL HAUL VEHICLES WILL MAINTAIN A SECURE VEHICLE PLACED AS A CONDITION TO UTILIZE THE SCALE. E–MAIL THE CONTRACTORS INFORMATION TO THE LANDFILL CLERK, INCLUDE THE NAME ON THE PRIME CONTRACTOR, CONTRACT NUMBER, JOB NAME / DESCRIPTION, COMPLETION DATE AND WHETHER OR NOT ANY ABOVE MATERIAL WILL BE DELIVERED TO THE LANDFILL.

6. PRIOR TO PERFORMING "HOT WORK" (WELDING, CUTTING, ETC.) OR OPERATING OTHER FLAME –PRODUCING SPARK PRODUCING DEVICES, A WRITTEN PERMIT SHALL BE REQUESTED FROM THE FIRE DIVISION. CONTRACTORS ARE REQUIRED TO MEET ALL CRITERIA BEFORE A PERMIT IS ISSUED. THE CONTRACTOR WILL PROVIDE AT LEAST TWO (2) TWENTY (20) POUND 4A:20 BC RATED EXTINGUISHERS FOR NORMAL "HOT WORK". ALL EXTINGUISHERS SHALL BE CURRENT INSPECTION TAGGED, APPROVED SAFETY PIN AND TAMPER RESISTANT SEAL. IT IS ALSO MANDATORY TO HAVE A DESIGNATED FIRE WATCH FOR ANY "HOT WORK" DONE AT THIS ACTIVITY. THE FIRE WATCH SHALL BE TRAINED IN ACCORDANCE WITH NFPA 51B AND REMAIN ON SITE FOR A MINIMUM OF THIRTY (30) MINUTES AFTER WORK IS COMPLETED.

7. CONTRACTOR IS TO BE AWARE OF ALL RULES, REGULATION AND CODES REQUIRED FOR SUCCESSFUL COMPLETION OF PROJECT.

SUBMITTALS:

1. CONTRACTOR SHALL MAKE ELECTRONIC COPIES OF ALL SUBMITTALS, INCLUDE THE APPROVED TRANSMITTAL SHEETS AND PROVIDE TWO (2) CD/DVD'S CONTAINING ALL SUBMITTALS FOR PROJECT. THE CD/DVD'S SHALL BE MARKED "COMPLETE SUBMITTAL PACKAGE – "G640 FREEZER DOORS" WITH CONTRACT # AS ISSUED BY CONTRACTING OFFICER.

2. AFTER AWARD: THE CONTRACTOR SHALL FURNISH THE CONTRACTING OFFICER, MATERIAL, SPECIFICATIONS FOR SELECTION AND APPROVAL PRIOR TO THE ORDERING AND INSTALLATION OF SAID MATERIALS.

3. THE CONTRACTOR IS REQUIRED TO SUBMIT A SCHEDULE DETAILING WHEN THEY AND OR ANY SUBCONTRACTOR WILL BE WORKING. THE SCHEDULE MUST BE APPROVED BY GOVERNMENT BEFORE BEGINNING WORK.

4. THE CONTRACTOR SHALL SUBMIT TO THE CONTRACTING OFFICER, THE MANUFACTURE'S PRODUCT SPECIFICATIONS, COMPLETE WITH TECHNICAL PRODUCTS DATA FOR ALL OF THE MATERIAL BEING USED IN THIS PROCESS. THE PRODUCT SPECIFICATION SHALL AS A MINIMUM, PROVIDE THE TECHNICAL DETAILS ON THE FOLLOWING ITEMS.

5. SUBMIT:
   A. SHOP DRAWINGS.
   B. INSTALLATION DRAWINGS /SHOP DRAWINGS
   C. PRODUCT DATA
      C.A. MANUFACTURES TECHNICAL DATA SHEET
      C.B. MATERIAL SAFETY DATA SHEETS (MADA)
      C.C. MAINTENANCE DATA
   D. WARRANTY (10 YEAR COMMERCIAL LIMITED WARRANTY)
   E. AS-BUILT DRAWINGS AUTO-CAD AND ADOBE PDF FORMATS

6. QUALIFICATIONS:
   6.1. FABRICATOR AND INSTALLER QUALIFICATIONS: MINIMUM OF THREE YEARS DOCUMENTED EXPERIENCE IN INSTALLING REFRIGERATORS, AND FREEZER DOORS, SIMILAR IN SCOPE AND COMPLEXITY TO THIS PROJECT. \
   6.2. INSTALLER SHALL BE CERTIFIED INSTALLER BY DOOR MANUFACTURE.

PROVIDE AND INSTALL COMPLETE INSTALLATION OF

1. FREEZER AND REFRIGERATOR DOORS:
   1.1. 100 MM 4 INCH THICKNESS, FILLED WITH INSULATION. PROVIDE EACH DOOR PANEL WITH AN OUTSIDE
   1.2. WATERPROOF THERMOMETER FOR REGISTERING TEMPERATURE INSIDE BOX.

2. ANTI–CONDENSING STRIP HEATERS AROUND THE PERIMETER OF DOOR PANEL JAMBS.
   2.1. PROVIDE TOP AND EACH SIDE OF DOOR WITH A RESILIENT
   2.2. NON–MAGNETIC, OR THERMOPLASTIC WITH MAGNETIC STEEL CORE GASKET

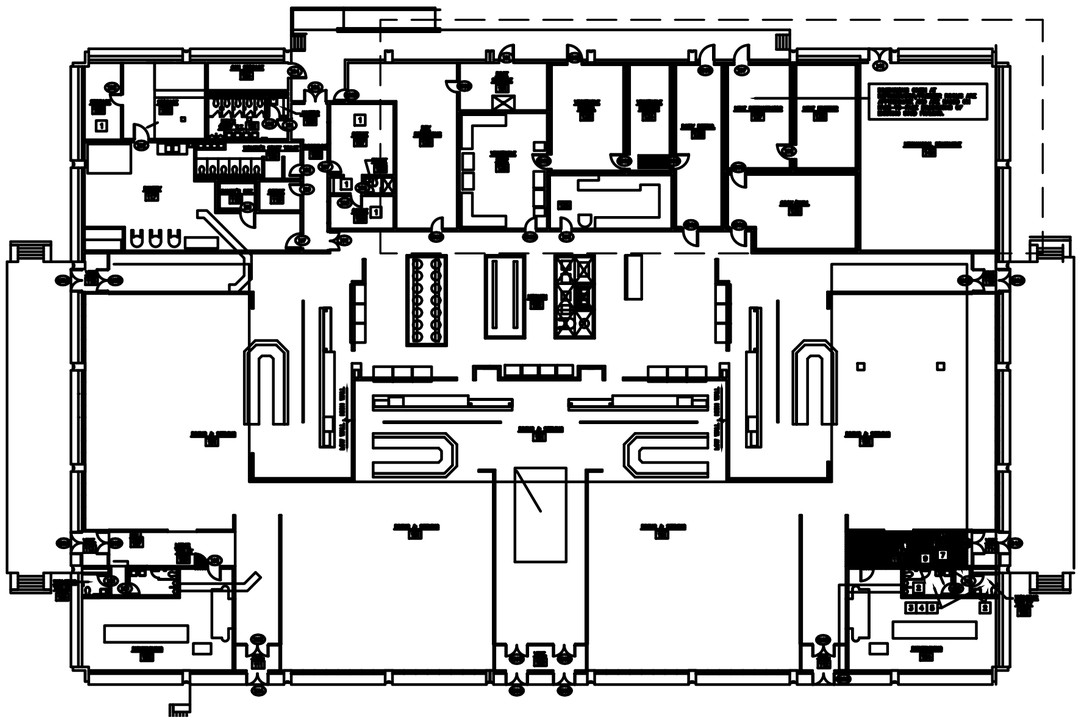
3. BOTTOM EDGE OF DOOR:
   3.1. PROVIDE A REPLACEABLE,ADJUSTABLE RUBBER OR VINYL WIPER GASKET

4. HARDWARE SHALL BE POLISHED STAINLESS STEEL:
   4.1. TWO SELF–CLOSING, SPRING–LOADED HINGES FOR EACH DOOR
      4.1.1. INCLUDE PLATED STEEL PIN AND SECTION 11 41 11 PAGE 12 CAM–LIFT TYPE BEARING
      4.1.2. DOOR LATCH WITH CYLINDER LOCK AND WITH PROVISIONS FOR PADLOCK INCLUDE SAFETY–RELEASE HANDLE TO PERMIT OPENING FROM INSIDE WHEN LOCKED

DOOR STOPS:
WHERE NECESSARY TO PREVENT WALK–IN REFRIGERATOR AND FREEZER DOORS FROM STRIKING ADJACENT WALLS, PLUMBING FIXTURES OR FOOD SERVICE EQUIPMENT WHEN DOOR IS OPEN.

PROTECTIVE BUMPERS:
EQUIP THE EXTERIOR SIDES OF REFRIGERATOR THAT ARE NOT INSTALLED AGAINST EACH OTHER OR AGAINST A WALL WITH PROTECTIVE BUMPERS.
FABRICATE BUMPERS FROM EITHER 1.5 MM 0.059 INCH THICK GALVANIZED STEEL OR STAINLESS STEEL CHANNEL OR FROM SOLID RUBBER OR RUBBER–LIKE MATERIALS HAVING A DUROMETER HARDNESS OF $\frac{75}{5}$

GASKET:
EITHER NATURAL OR SYNTHETIC RUBBER GASKETS AND IN ACCORDANCE WITH NSF/ANSI.
WHERE FRAMES ARE USED, THE PANELS MUST FIT TOGETHER WITH GASKETS THAT ARE DESIGNED FOR 50 PERCENT COMPRESSION.
AIR FLOW INHIBITING STRIP CURTAINS PROVIDE TRANSPARENT FLEXIBLE VINYL REINFORCED STRIP CURTAINS ANCHORED AT TOP AND ABLE TO BE REPLACED INDIVIDUALLY.



1 A2 A2 G640 OVERALL FLOOR PLAN

1/32" = 1'-0" 0 20' 40' 80'

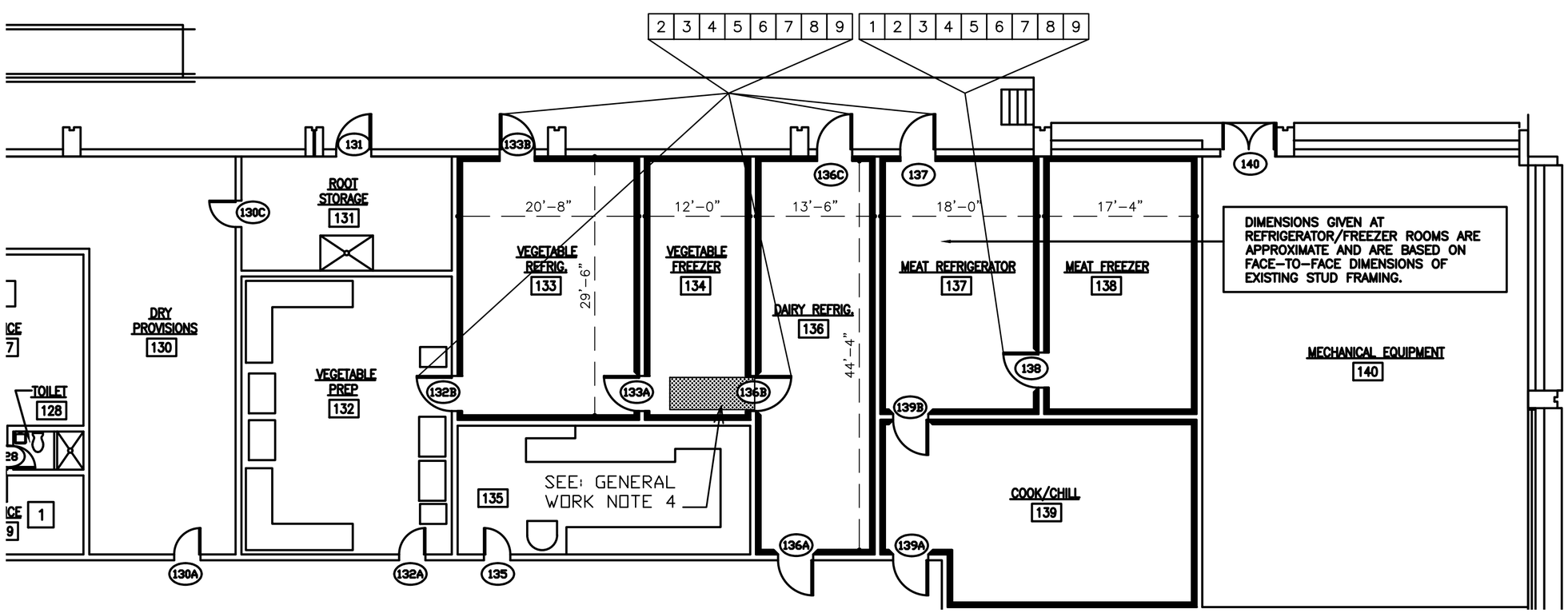
GENERAL WORK NOTES (BUILDING G640)

1. PROVIDE NEW INTERIOR AND EXTERIOR FREEZER DOORS, FRAMES, ALL HARDWARE. WHERE INDICATED. SEE DOOR SCHEDULE ON THIS SHEET.
2. CONTRACTOR SHALL VISIT SITE TO VERIFY LOCATIONS OF EXISTING FREEZER DOOR. BUILDING WILL REMAIN IN THE OPERATION AND COOLER TEMPERATURE MUST BE MAINTAINED FOOD ITEMS PROTECTED.
3. CONTRACTOR SHALL CONDUCT A SITE VISIT TO VERIFY MATERIAL OF EXISTING AND MATERIAL NEED FOR WALL, AND FLOOR FRAMING, FOR A COMPLETE INSTALLATION OF FREEZER / REFRIGERATOR DOORS.
4. CONTRACTOR SHALL FABRICATE THRESHOLD TO DOOR 136B MATCH EXISTING ALUMINUM DIAMOND METAL PLATE AND SECURE TO FLOOR FOR A SMOOTH TRANSITION.
5. CONTRACTOR SHALL COMPLY WITH:
   ASTM E84 2023
   NSF ANSI 2(2022)
   NSF ANSI 7(2023)
   UL 207 (2022)
   UL 723 (2020)

NEW WORK NOTES (BUILDING G640 ONLY)

SEE FLOOR PLAN ON SHEET A2

1. DEMO EXISTING FREEZER / REFRIGERATOR DOORS. JAMBS, HEADERS, THRESHOLD. DEMO DAMAGED FLOOR AND CURBING QUARRY TILE. ALL WOOD PRODUCTS DOOR EXTERIORS AND INTERIOR FRAMING.
2. PROVIDE NEW QUARRY TILE FLOOR AND SETTING BED ON EXISTING FLOOR THAT IS DAMAGED AT THRESHOLD APPROXIMATELY TEN (10) SQ.FT.. MATCH EXISTING TILES. PATCH EXISTING CURBING USING OUTSIDE CORNER PER TILE COUNCIL APPROXIMATELY 20 LF.
3. PROVIDE CONCRETE FILL TO INFILL SLOPED FLOOR AREAS AND REPAIR FLOOR AREAS WHERE FINISH LEVEL WITH EXISTING CONCRETE SLAB. LEVEL OF FLOOR AREAS SHALL BE DONE FOR A COMPLETE FREEZER DOOR SEAL PER MANUFACTURES REQUIREMENTS.
4. PATCH EXISTING JAMB FRAMES WALLS AND CEILING WERE DEMOLISHED OF EXISTING FREEZER DOOR.
5. PROVIDE METAL STUDS FOR WALL AS NEEDED.
6. MODIFY EXISTING OPENINGS OF NEW FREEZER DOORS FOR A COMPLETE AIR TIGHT SEAL TO INCLUDE HEADER, JAMBS AND FLOORING. LEVEL AND PLUMB
7. PROVIDE NEW FREEZER DOOR, FRAME AND HARDWARE. SEE DOOR SCHEDULE ON THIS SHEET.
8. INSTALL STAINLESS STEEL FREEZER DOORS, FASTENERS AND HARD WARE.
   PROVIDE REFRIGERATOR OR FREEZER COMPLETE TO INCLUDE WALL PANELS TRIM, CEILING PANELS TRIM, DOORS (3'-6" X 6'-6"), REFRIGERATION DOORS AND ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE INSTALLATION AS MANUFACTURED BY BALLY REFRIGERATED FREEZER DOORS OR APPROVED EQUAL. SEE REFRIGERATOR/FREEZER SCHEDULE.
9. PROVIDE, AND INSTALL VINYL STRIP AIR CURTAINS AY EACH DOORS, FASTENERS AND HARD WARE.



2 A2 A2 G640 FREEZER FLOOR PLAN

3/32" = 1'-0" 0 20' 40' 80'

BLDG. G640 SHEET 3 OF 4

MACC #24-0421

DWG: DANA WHITMORE

PROJECT #24M057CN

G640 REFRIGERATOR FREEZER DOORS REPLAVEMENT

USMC CAMP LEJEUNE

A2

FLOOR PLAN

ROOM 133B

ROOM 136C

ROOM137

ROOM 132B

ROOM 138B

ROOM 138

REFRIGERATOR/FREEZER

ROOM NO.	ROOM NAME	SIZE	TEMP (FAHRENHEIT)
133	VEG. REFRIG.	20'-8"x29'-6"	35°
134	VEG. FREEZER	12'-0"x29'-6"	-10°
136	DAIRY REFRIG.	13'-6"x44'-4"	32°
137	MEAT REFRIG.	18'-0"x29'-6"	35°
138	MEAT FREEZER	17'-4"x29'-4"	-10°

EXISTING FINISH SCHEDULE FOR REFERENCE ONLY

ROOM NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING		NOTES
					MATERIAL	HEIGHT	
132B	VEGETABLE REFRIG.	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	
133B	VEGETABLE REFRIG.	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	
136A	DAIRY REFRIGERATOR	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	
136B	DAIRY REFRIGERATOR	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	
136C	DAIRY REFRIGERATOR	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	
137	MEAT REFRIGERATOR	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	
138	MEAT FREEZER	QT	N/A	MTL PANEL	MTL PANEL	8'-6"	

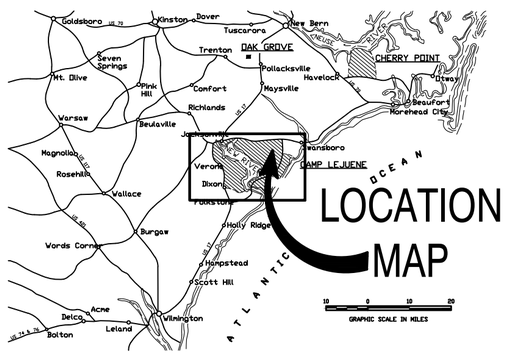
BLDG. G640 SHEET 4 OF 4
MACC #24-0421
DWG: DANA WHITMORE
PROJECT #24M057CN
G640 REFRIGERATOR FREEZER DOORS REPLAVEMENT
USMC CAMP LEJEUNE
A3

REFIGERATOR / FREEZER SCHEDULE

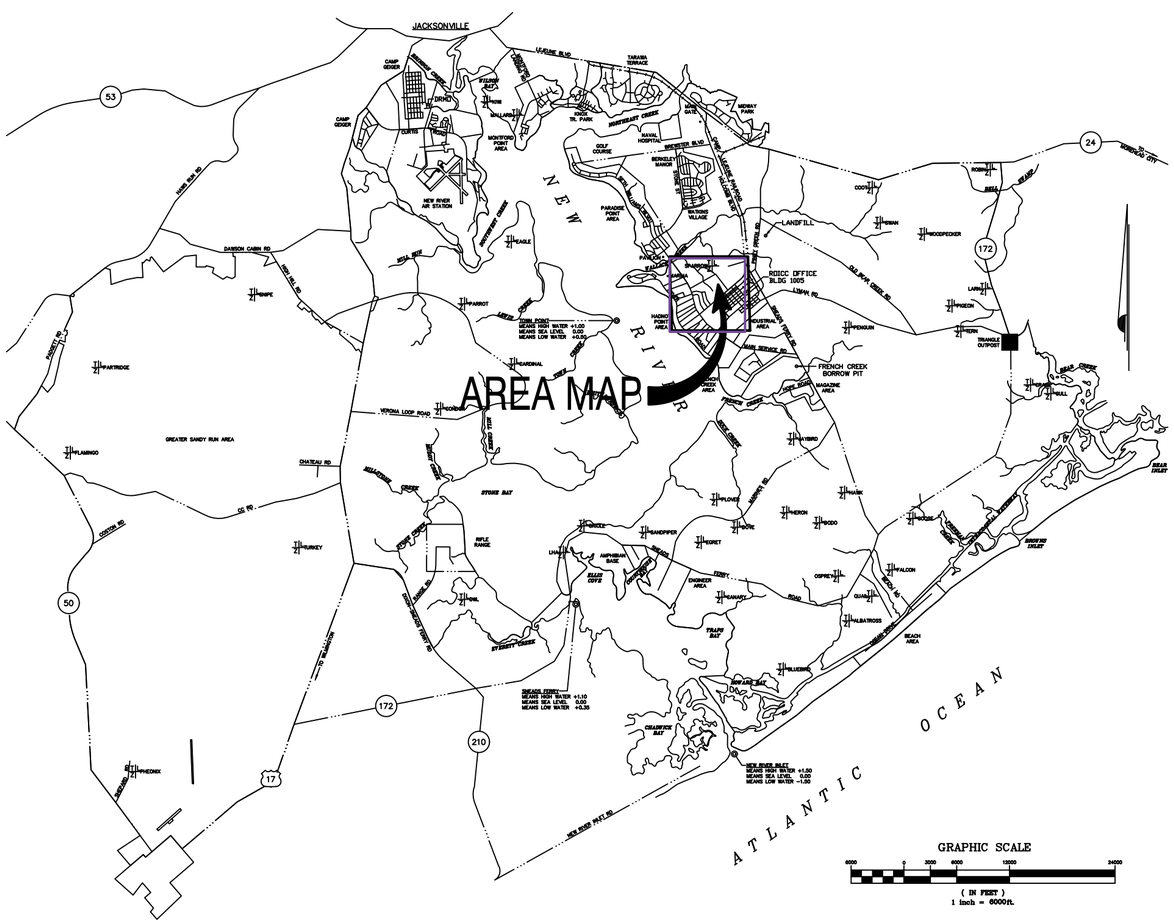
BLDG. 67
DOOR & WALL INSTALL

CAMP LEJEUNE, N.C.

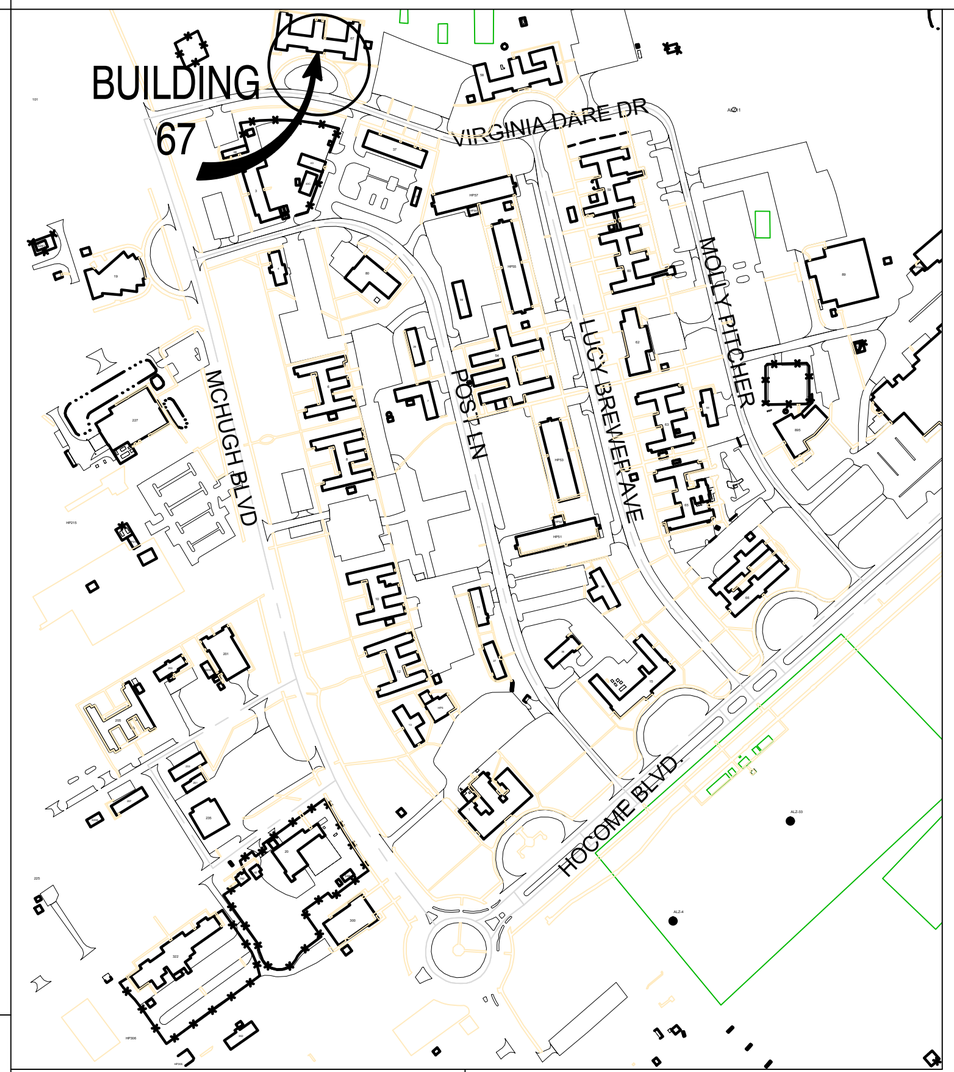
VICINITY MAP



LOCATION MAP



AREA MAP



SECTION/DETAIL NUMBER

SHEET NUMBER WHERE DETAIL IS SHOWN

SHEET NUMBER WHERE DETAIL IS TAKEN

DRAWING INDEX

BLDG. 67 DOOR & WALL INSTALL	
T1	TITLE & MAP PAGE
A1	WORK SITE
A2	WORK PLAN
A3	WORK DETAIL

BLDG. 67 | SHEET 1 OF 6

MACC#: 25-0446

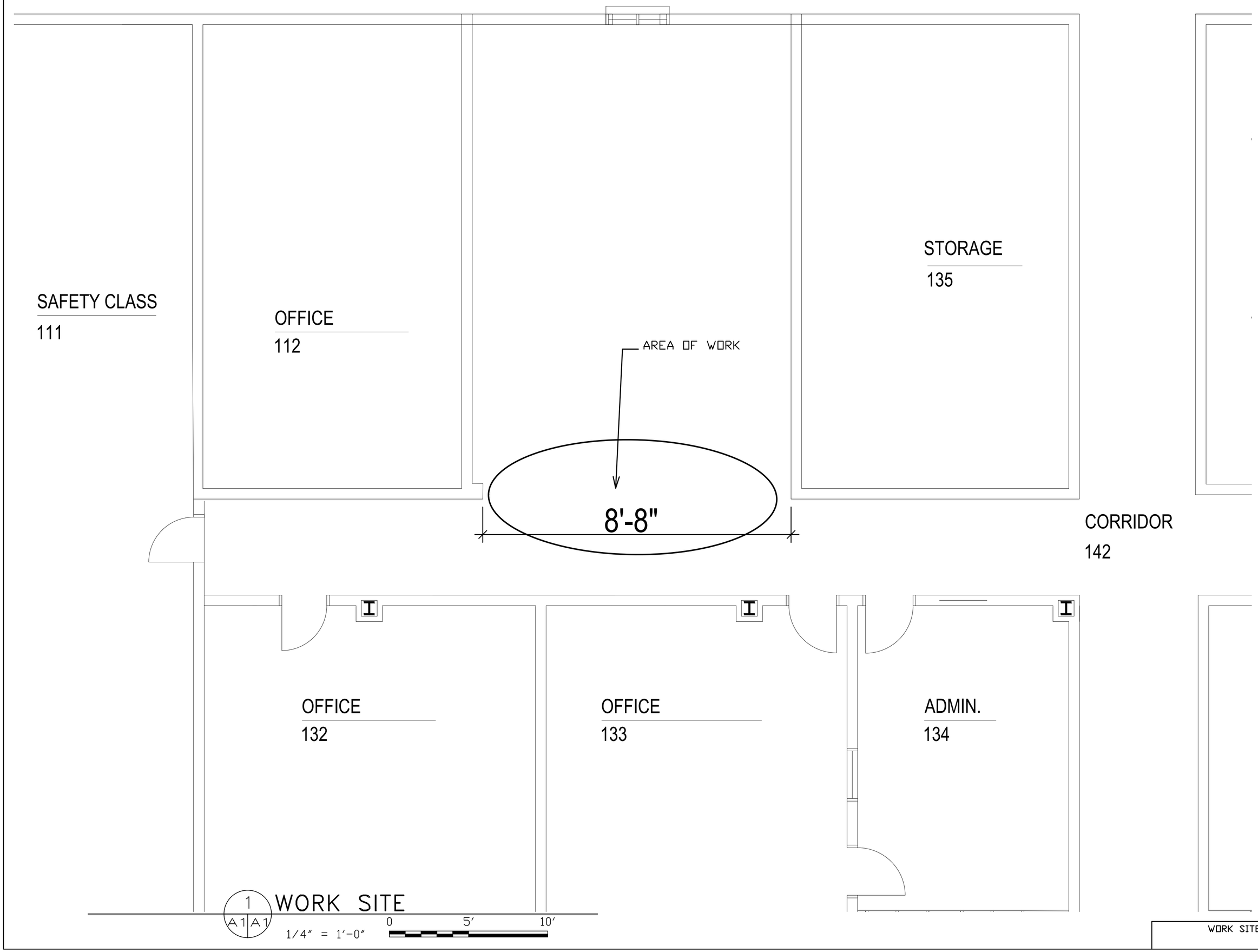
DWG: DANA WHITMORE | CONTRACT#: 25M070CN

DOOR & WALL INSTALL

USMC CAMP LEJEUNE

T1

TITLE PAGE



BLDG. 67 SHEET 2 OF 4

MACC#: 25-0446

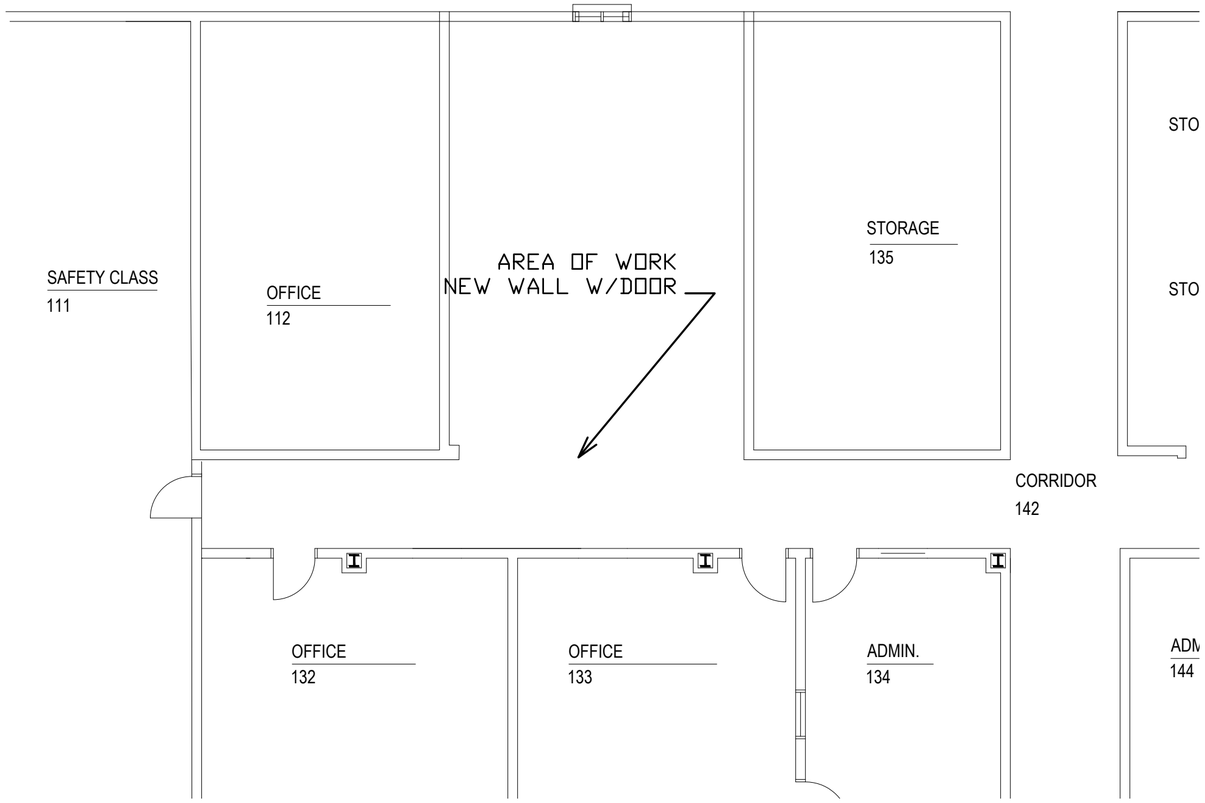
DWG: DANA WHITMORE

CONTRACT#: 25M070CN

DOOR & WALL INSTALL

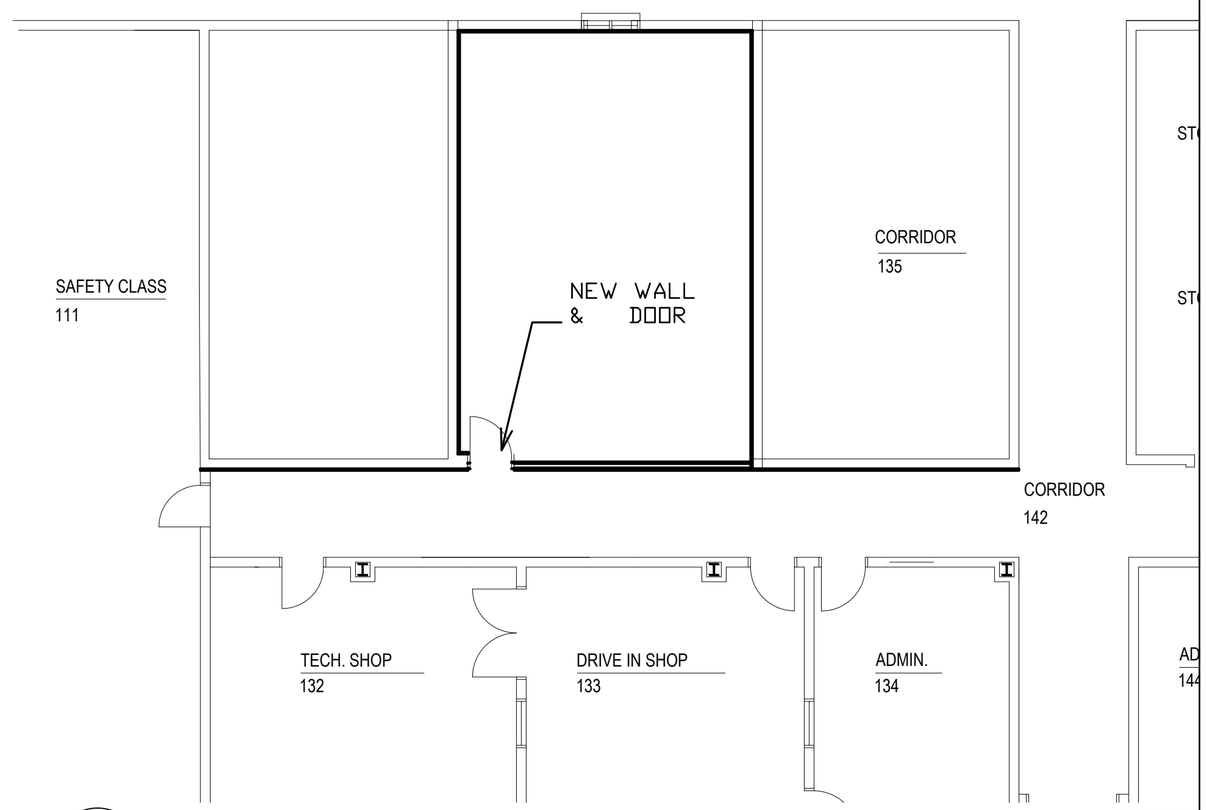
USMC CAMP LEJEUNE

A1



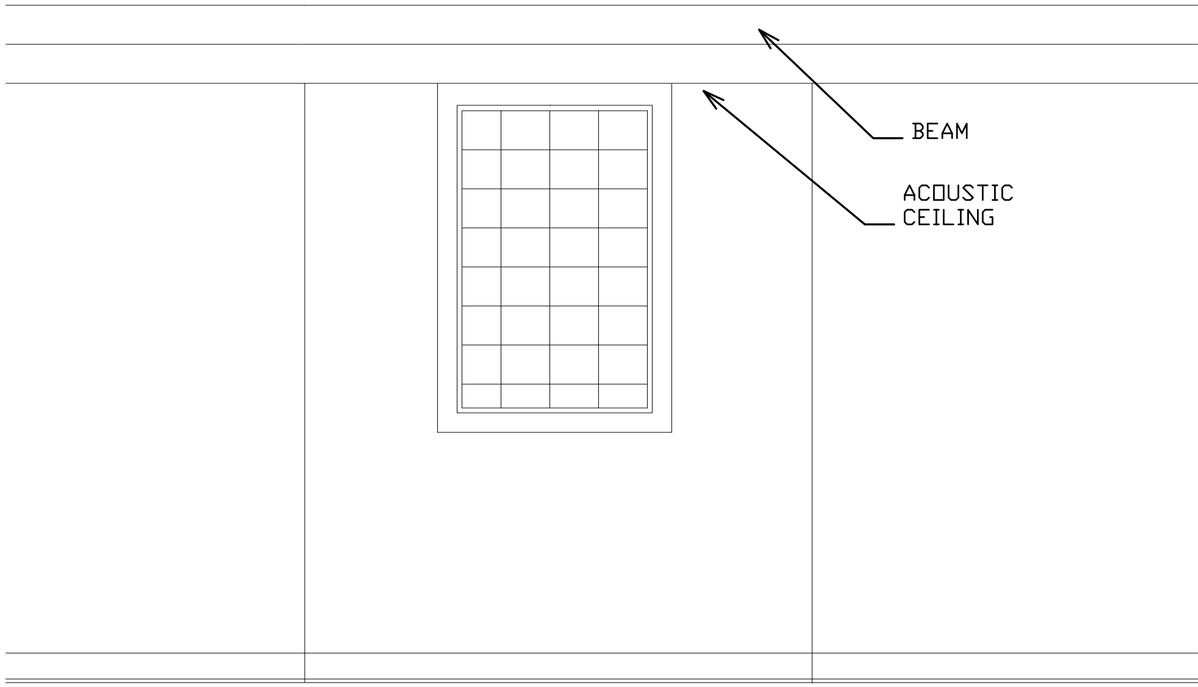
1 A2 A2 EXISTING FLOOR PLAN

1/8" = 1'-0" 0 5' 10' 20'



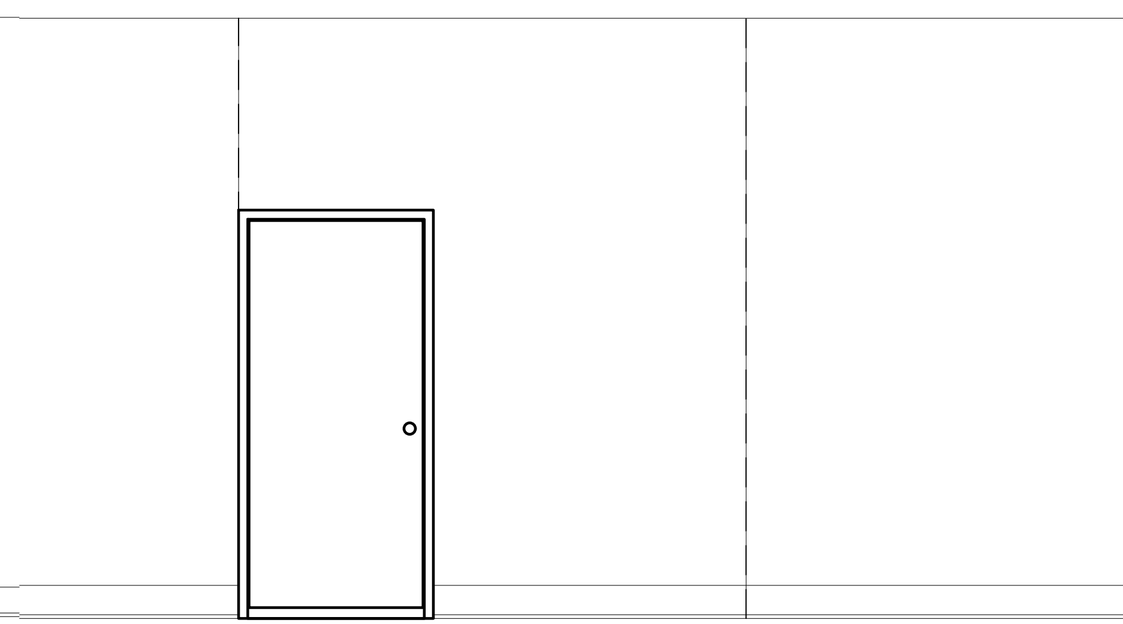
2 A2 A2 RENO FLOOR PLAN

1/8" = 1'-0" 0 5' 10' 20'



3 A2 A2 EXISTING ELEVATION

1/2" = 1'-0" 0 1' 5'



4 A2 A2 RENO ELEVATION

1/2" = 1'-0" 0 1' 5'

BLDG. 67 SHEET 3 OF 4

MACC#: 25-0446

DWG: DANA WHITMORE

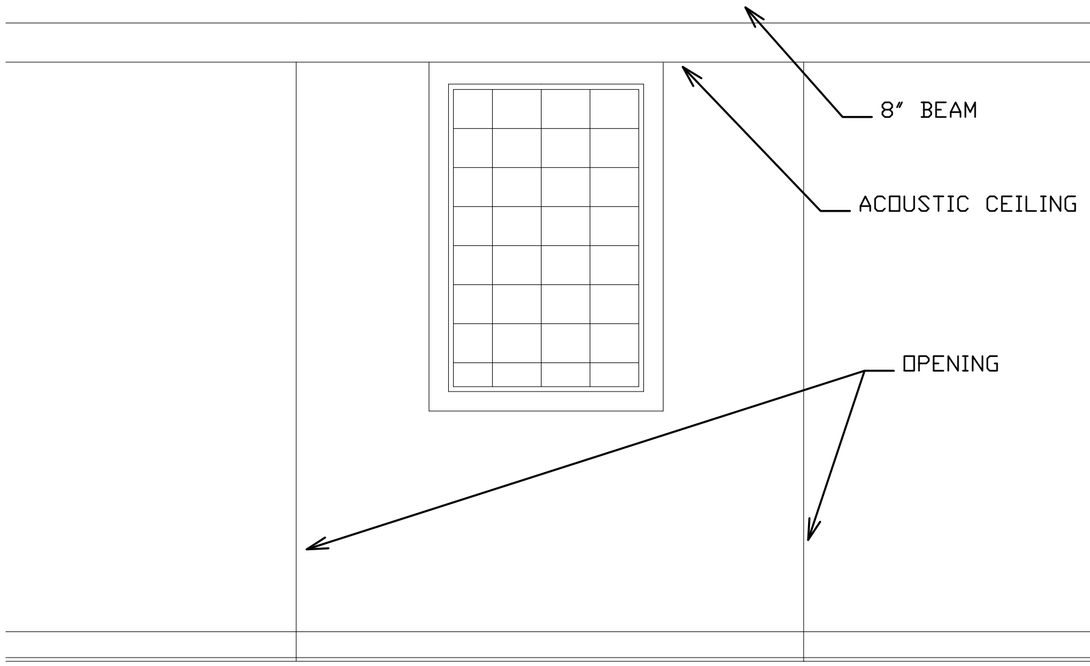
CONTRACT#: 25M070CN

DOOR & WALL INSTALL

USMC CAMP LEJEUNE

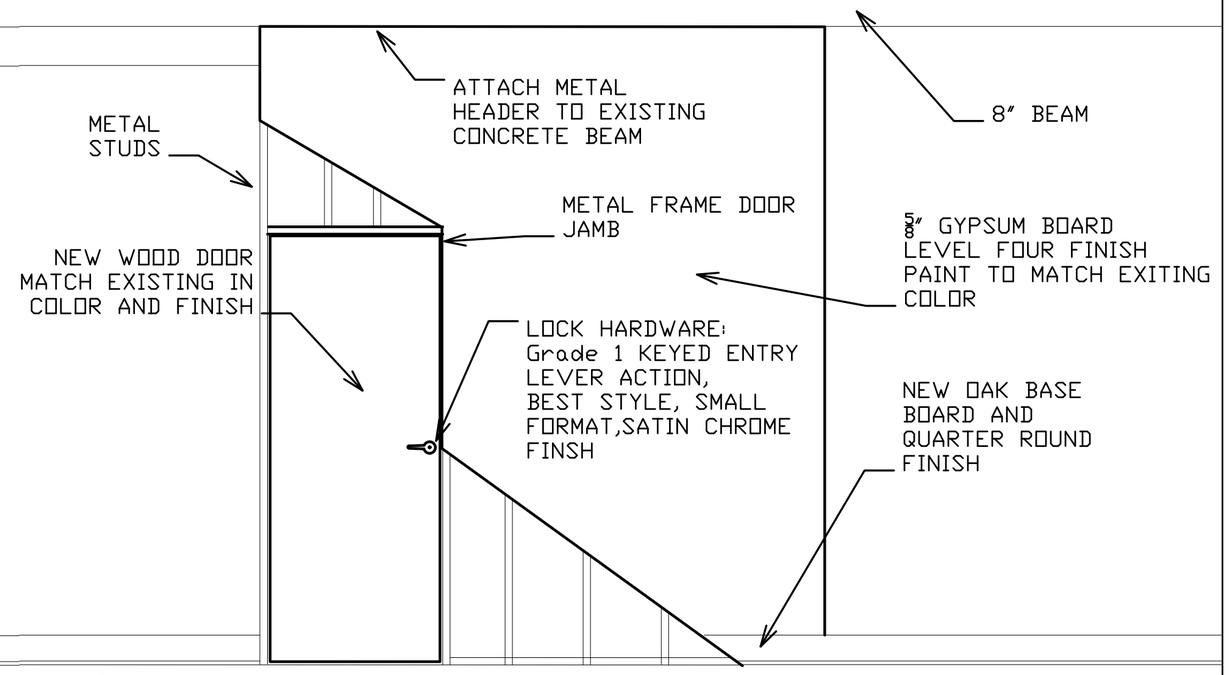
A2

DOOR & WALL
FLOOR PLAN & ELEVATION



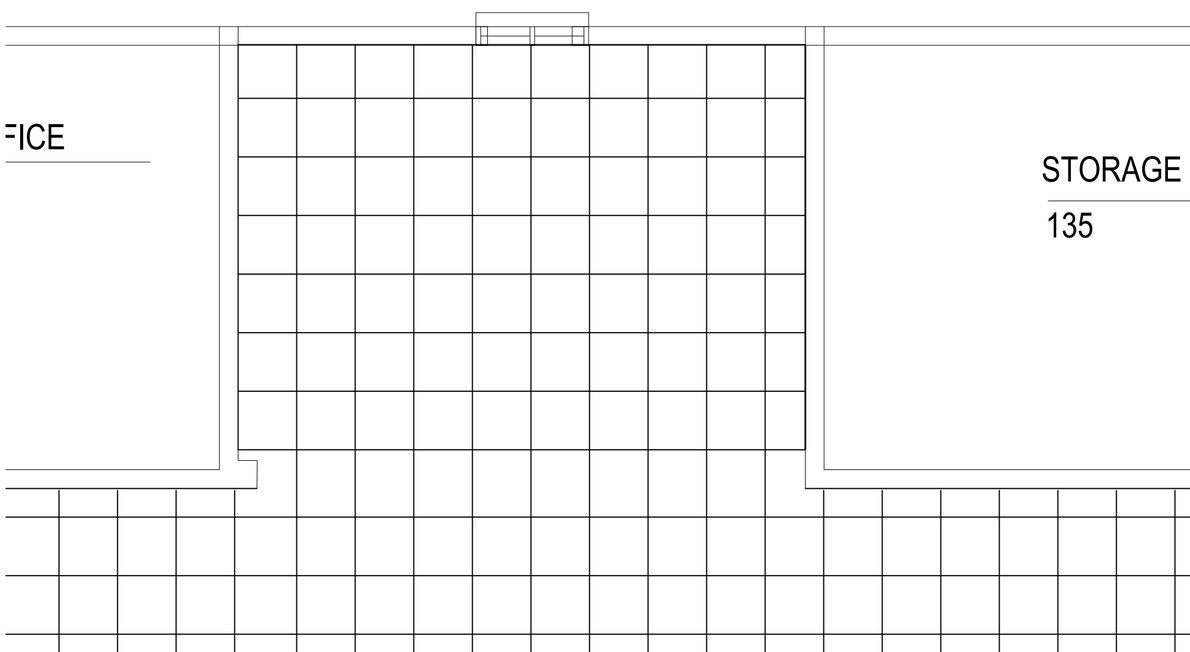
1 A3 A3 EXISTING ABOVE CEILING

1/2" = 1'-0" 0 1' 5'



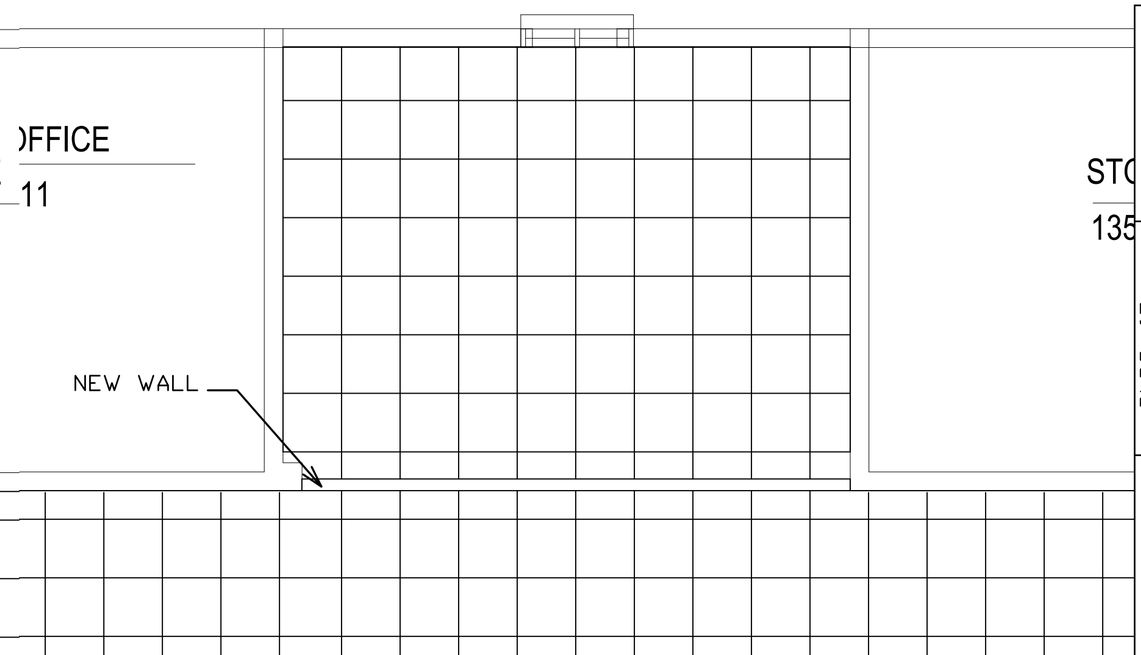
2 A3 A3 RENO ABOVE CEILING

1/2" = 1'-0" 0 1' 5'



3 A3 A3 EXISTING CEILING PLAN

1/4" = 1'-0" 0 5' 10'



4 A3 A3 RENO CEILING PLAN

1/4" = 1'-0" 0 5' 10'

BLDG. 67 SHEET 4 OF 4

MACC#: 25-0446

CONTRACT#: 25M070CN

DWG: DANA WHITMORE

DOOR & WALL INSTALL

USMC CAMP LEJEUNE

A3

WALL & DOOR DETAIL

TITLE: WC100 (SYSTEM A) - Remote Condenser Install

PROJECT #: 26R002CN

ATTACHMENTS: N/A

SCOPE OF WORK:

The contractor shall provide all material, labor, equipment, and supervision required to accomplish the following:

GENERAL DESCRIPTION:

The intent of this project is to install a new Remote Condensing Unit on the roof of WC100 to bring Walk-In Freezer (A) back into operation. Current system cannot be repaired. WC100 is located on the corner of Wallace Creek Road and Endurance Drive on Camp Lejeune, N.C. 28547.

REQUIREMENTS AND SPECIFICATIONS:

1) MECHANICAL
   a) Install new 460 Volt/3 Phase/60 Hertz Remote Condensing Unit on roof for System-A Walk-In Freezer. Label new Remote Condensing Unit "System A Remote Condenser". Level Condensing Unit and secure on Roof Mounting Blocks equivalent to DiversiTech (FF-600-S). Contractor shall send Equipment Submittal along with quote for Government Review.
      1. R404A Refrigerant
      2. -15-degree Suction Temperature
      3. 95-degree Ambient Temperature
      4. Low Temperature Operating Range
      5. Application – Freezer
   b) Properly flush existing line sets. Install acid-away in system.
   c) Route new refrigerant piping from the existing roof penetration to new Remote Condensing Unit.
      1. Support new refrigerant piping with Rooftop Support Rubber Blocks with Struts equivalent to DiversiTech (FF-600-S). Install supports every 8 feet.
      2. Insulate new refrigerant piping with 1 inch wall thickness insulation.
      3. Wrap insulation with aluminum jacket with stainless steel straps for UV Protection.
   d) After installation is complete, evacuate system to 500 microns or below and ensure it holds this vacuum level for 2 hours. Properly charge system with R-404A Refrigerant and check system for proper operation. Box Temperature to be set at -5 degrees.
2) ELECTRICAL
   a) Demo disconnected wiring for existing System A compressor, located in bottom of existing Rooftop Condensing Unit Control Cabinet, back to existing Compressor A terminals.
   b) Route new ¾" RMC Conduit and 480 Volt/#10 THHN Solid Wiring from the Load Side of Circuit Breaker (A), in Control Panel of existing rooftop refrigeration unit, to wall-mounted 3 Phase/ NEMA 3R/ 600 Volt/ 30 Amp Fused Disconnect. Label Circuit Breaker "System A". Label new Disconnect "System A". Install properly sized fuses in new disconnect for New Remote Condensing Unit. Replace Circuit Breaker (A), if necessary, due to amp draw of the new Condensing Unit. Use screws with rubber washers for anything mounted on the face of the metal wall. Any holes in metal wall shall be properly sealed to prevent any water penetration. #10 Solid Wiring shall consist of 1 Brown, 1 Yellow, 1 Orange, and 1 Green Conductor.
      1. New RMC Conduit to be routed on and fastened to Rooftop Rubber Support Blocks w/ Struts, equivalent to DiversiTech (FF-600-S), every 5 feet. Support Blocks for conduit shall be wide enough to carry 5 – ¾" RMC Conduits with proper spacing. Support Blocks for System I RMC Conduit may be used for new System A RMC Conduit if needed.

2. RMC Conduit to be mounted on Rooftop Rubber Support Blocks separate from Refrigeration Lines.

c) Install ¾" Liquid-Tight Conduit and properly sized wiring from fused disconnect to new Remote Condensing Unit.

SPECIAL SCHEDULING AND ACCESS:

All scheduling and access shall be coordinated with Gustavo A. Rijo.

gustavo.a.rijo.civ@usmc.mil

910-451-6270

SPECIAL CONDITIONS:

After hours work may be required to prevent service interruptions.

ENVIROMENTAL:

None

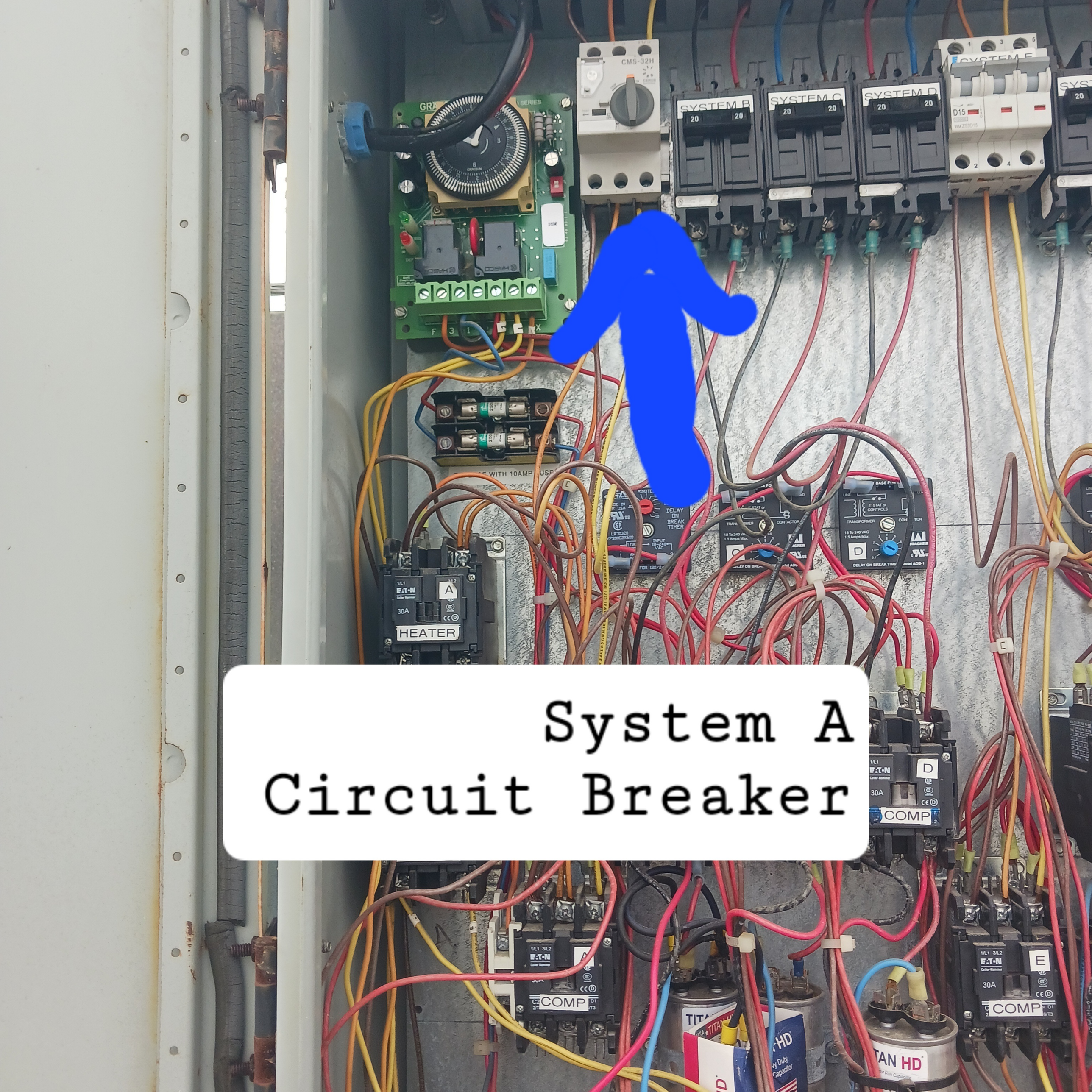
WC100 location for new System A Remote Condensing Unit and Disconnect

WC100

Existing Rooftop Condensing Unit for all Refrigeration Boxes

WC100 Existing Roof penetration for Refrigeration Piping

Back of bldg.
WC100 ROOF ACCESS
LOCATED IN
CHILLER YARD
MECH. RM.



System A Circuit Breaker

WC100
System A
A
65
7SLC multi-monitor
MODULARM
NORFAB
Evaporator
location inside
building