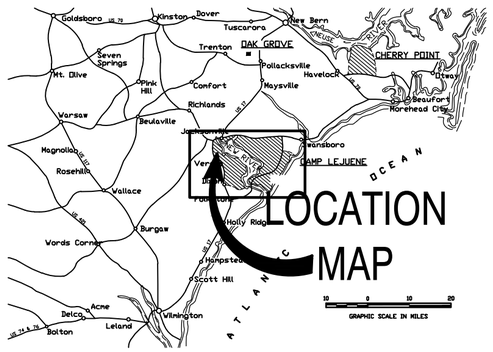
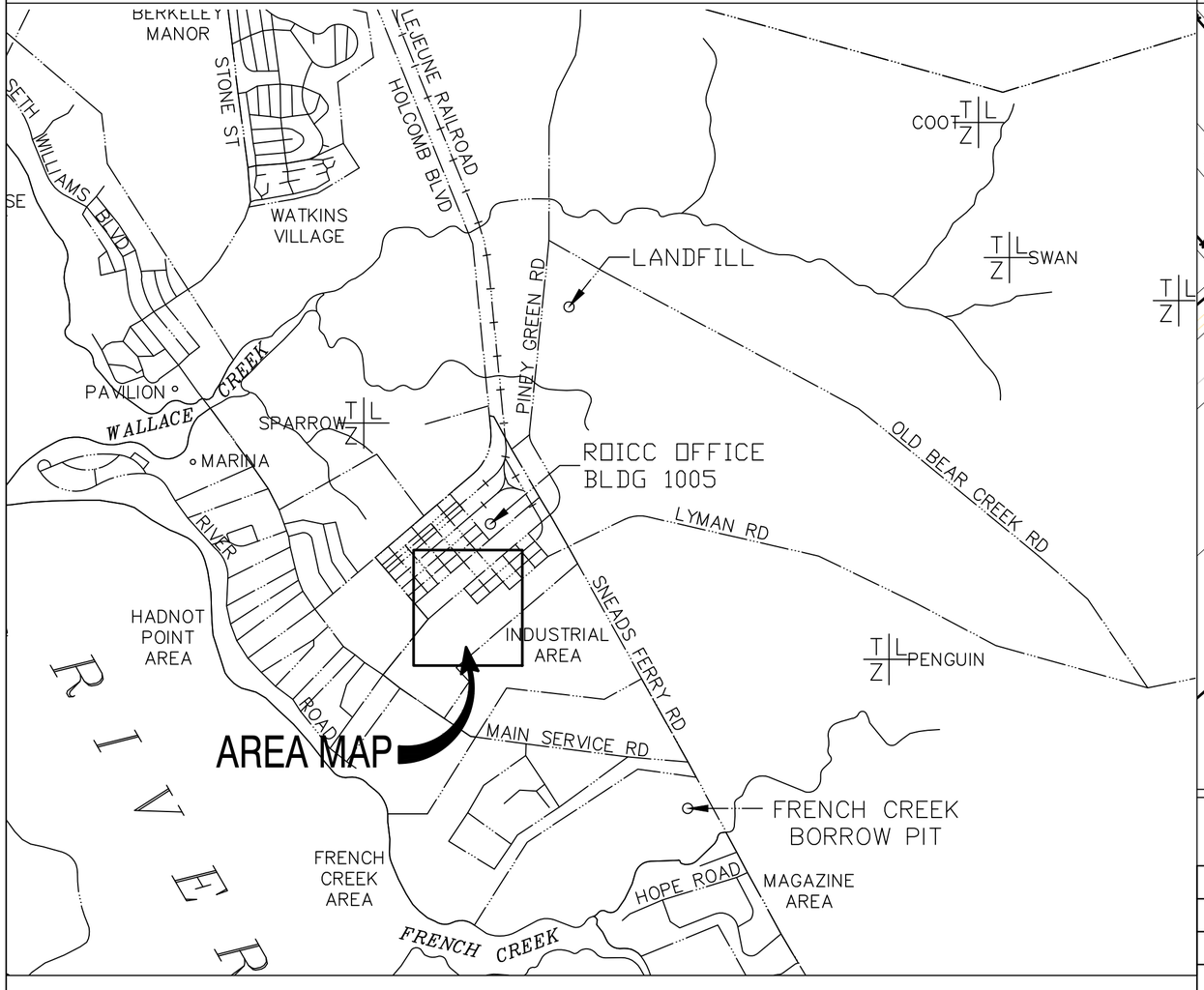
1771
ROOF REPLACEMENT

CAMP LEJEUNE, N.C.

VICINITY MAP



LOCATION MAP

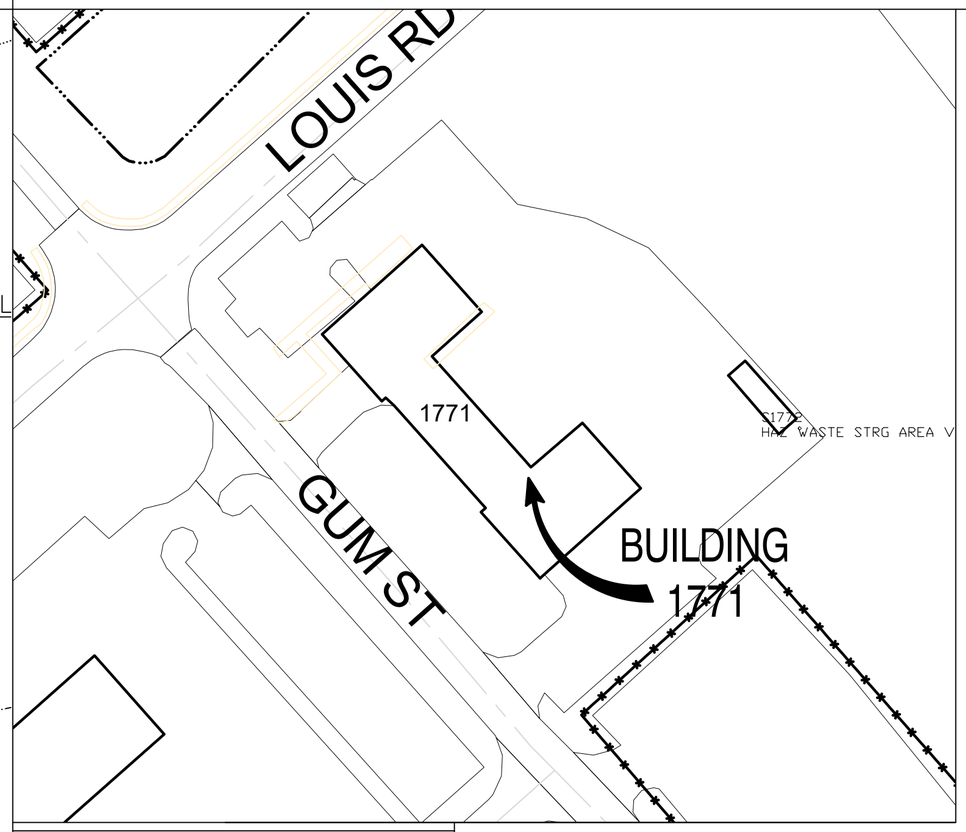


SECTION/DETAIL NUMBER

SHEET NUMBER WHERE DETAIL IS SHOWN

SHEET NUMBER WHERE DETAIL IS TAKEN

AREA MAP



DRAWING INDEX

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BLDG. 1771 | SHEET 1 OF 10

MACC #26-0422 | PROJECT #26M076CN

DWG: DANA WHITMORE

1771 ROOF 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 1771 located on Gum St. at Camp Lejeune, North Carolina. This project will consist of demo approx. 15,300. Complete Modified Bitumen Roof Membrane roofing system. Contractor to provide new complete roofing system. All new metal cap, flashing, pitch pockets, lead vent covers, drain system, drain covers, ect.

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 - "26-0422 1771 ROOF 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. READ 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.

ROOF INSTALLATION NOTES:

1. CONTRACTOR TO INSPECT DECK FOR DAMAGE AND REPAIR/REPLACE AS REQUIRED. INSTALL NEW WOOD NAILERS AS NEEDED TO MATCH INSULATION THICKNESS AND CANTS.

2. INSTALL CRICKETS AS NEEDED TO ENSURE POSITIVE DRAINAGE.

3. ROOF MUST BE SECURED WITH NIGHTLY TIE-INS AS SPECIFIED.

4. ALL WORK RELATED DEBRIS MUST BE REMOVED FROM WORKSITE AND ANY DAMAGE TO LANDSCAPING WILL BE REPAIRED AS REQUESTED BY THE R.I.O.C.C.

5. REFERENCE MANUFACTURER TECHNICAL SPECIFICATIONS FOR INSTALLATION INSTRUCTIONS.

6. PROVIDE A 2 YEAR CONTRACTOR WORKMANSHIP WARRANTY AND A 30 YEAR MANUFACTURE WARRANTY THAT INCLUDES ALL ROOFING COMPONENTS. IN ADDITION THE MANUFACTURE WILL PROVIDE A 10 YEAR FINISH WARRANTY ON THE ROOF COATING. THE WARRANTY SHALL RUN DIRECTLY TO THE GOVERNMENT AND COVER LEAKS. THE ROOF SHOULD BE DESIGNED AND INSTALLED TO ACCOMMODATE 130 MPH WINDS. MANUFACTURER MUST RESPOND WITHIN 72 HOURS OF A LEAK CALL OR EMERGENCY REPAIRS BY ANOTHER CONTRACTOR WILL NOT VOID THE WARRANTY, THE MANUFACTURER SHALL PROVIDE ONSITE QUALITY ASSURANCE INSPECTIONS, 3 TIMES PER WEEK BASED ON A 5 DAY WORK WEEK, DURING ROOF REPLACEMENT. THE MANUFACTURE MUST INSPECT THE ROOF SYSTEM ANNUALLY AND AFTER ANY MAJOR STORM FOR THE LIFE OF THE ROOF SYSTEM. THESE ITEMS SHALL BE DONE AT NO ADDITIONAL COST TO THE GOVERNMENT.

7. REFERENCE 07 52 00

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MACC #26-0422 | PROJECT #26M076CN
DWG: DANA WHITMORE
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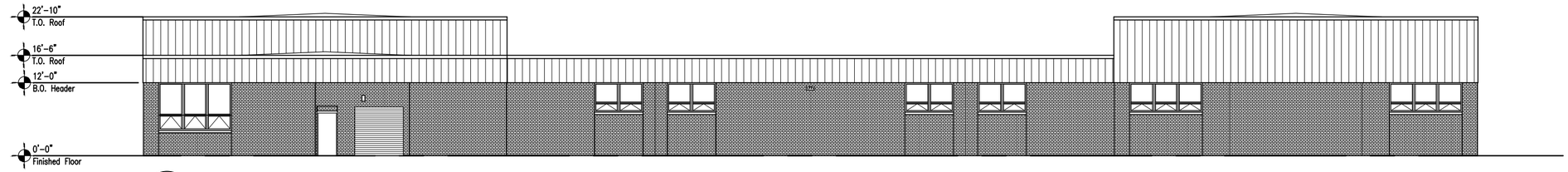
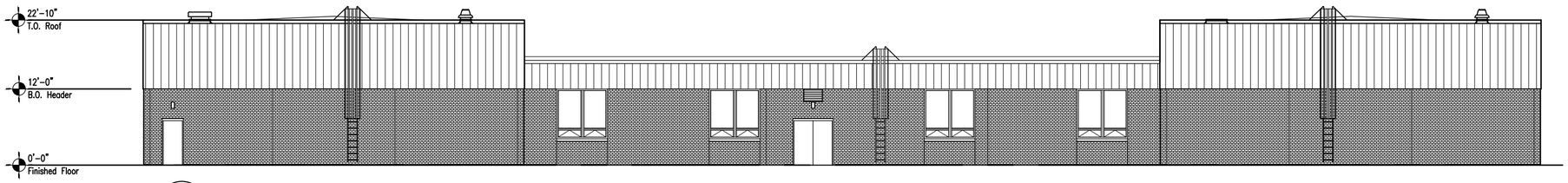
USMC CAMP LEJEUNE
A1
NOTES



1 A2 A5 EXISTING SOUTH ELEVATION

1/16" = 1'-0" 0 10' 20' 40'



2 A2 A2 EXISTING NORTH ELEVATION

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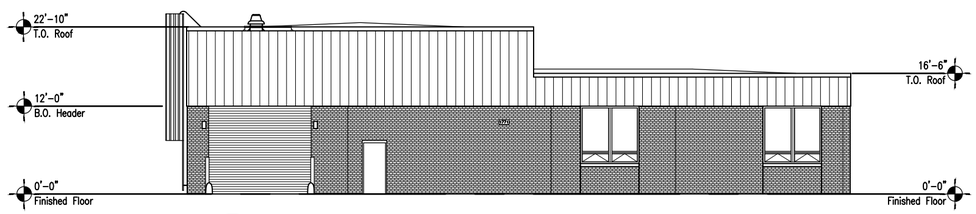
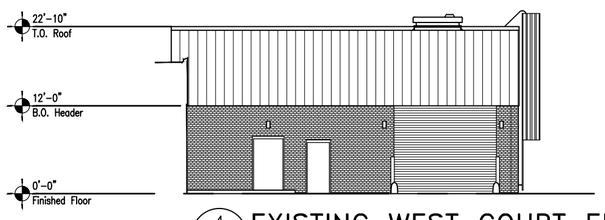


3 A2 A2 EXISTING WEST ELEVATION

1/16" = 1'-0" 0 10' 20' 40'

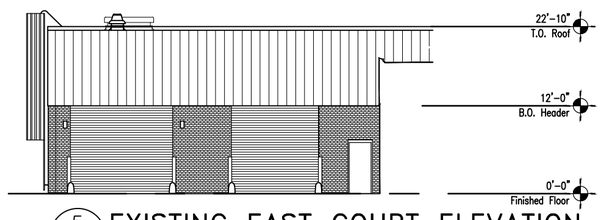
1 A2 A2 EXISTING EAST ELEVATION

1/16" = 1'-0" 0 10' 20' 40'



4 A2 A2 EXISTING WEST COURT ELEVATION

1/16" = 1'-0" 0 10' 20' 40'



5 A2 A2 EXISTING EAST COURT ELEVATION

1/16" = 1'-0" 0 10' 20' 40'

1 A2 A2 1771 ELAVATION

1/16" = 1'-0" 0 10' 20' 40'

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MACC #26-0422 PROJECT #26M076CN

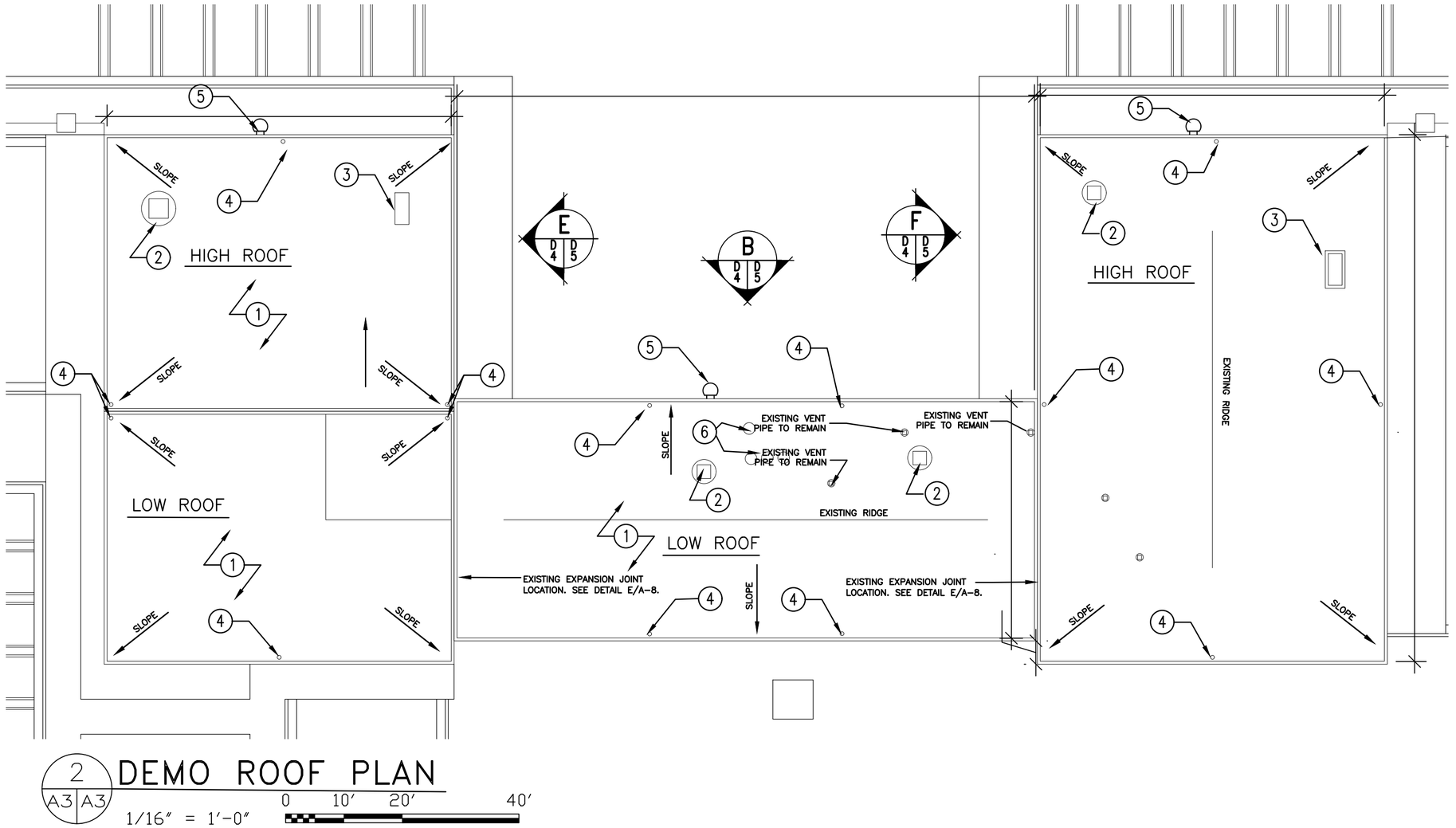
DWG: DANA WHITMORE

1771 ROOF REPLACEMENT

USMC CAMP LEJEUNE

A2

ELEVATION PLAN



2 A3 A3 DEMO ROOF PLAN

1/16" = 1'-0" 0 10' 20' 40'

Demolition Notes:

(Apply to demolition roof plan only)

1. DEMOLISH AND REMOVE EXISTING BUILT-UP ROOF SYSTEM. REMOVE THE EXISTING ROOF SYSTEM DOWN TO THE EXISTING METAL DECK. CONTRACTOR TO ENSURE DECK IS DRY AND FREE OF DEBRIS PRIOR TO NEW ROOF INSTALLATION. SEE SHEET A-7, A-8 FOR DETAIL.
2. DEMOLISH AND REMOVE EXISTING ROOF MOUNTED EXHAUST FAN. SEE MECHANICAL DRAWINGS.
3. DEMOLISH AND REMOVE EXISTING AIR INTAKE HOOD. SEE MECHANICAL DRAWINGS.
4. DEMOLISH AND REMOVE ROOF DRAINS, (TO INCLUDE CLAMPING RING, BOWL AND STRAINER). SEE SHEET A-8 FOR NEW WORK.
5. EXISTING ROOF ACCESS LADDER AND GUARD DEMO EXISTING ROOF BOOTS.
6. BOILER STACKS BOOTS DEMOLISH AND REMOVE EXISTING VENT BOOTS

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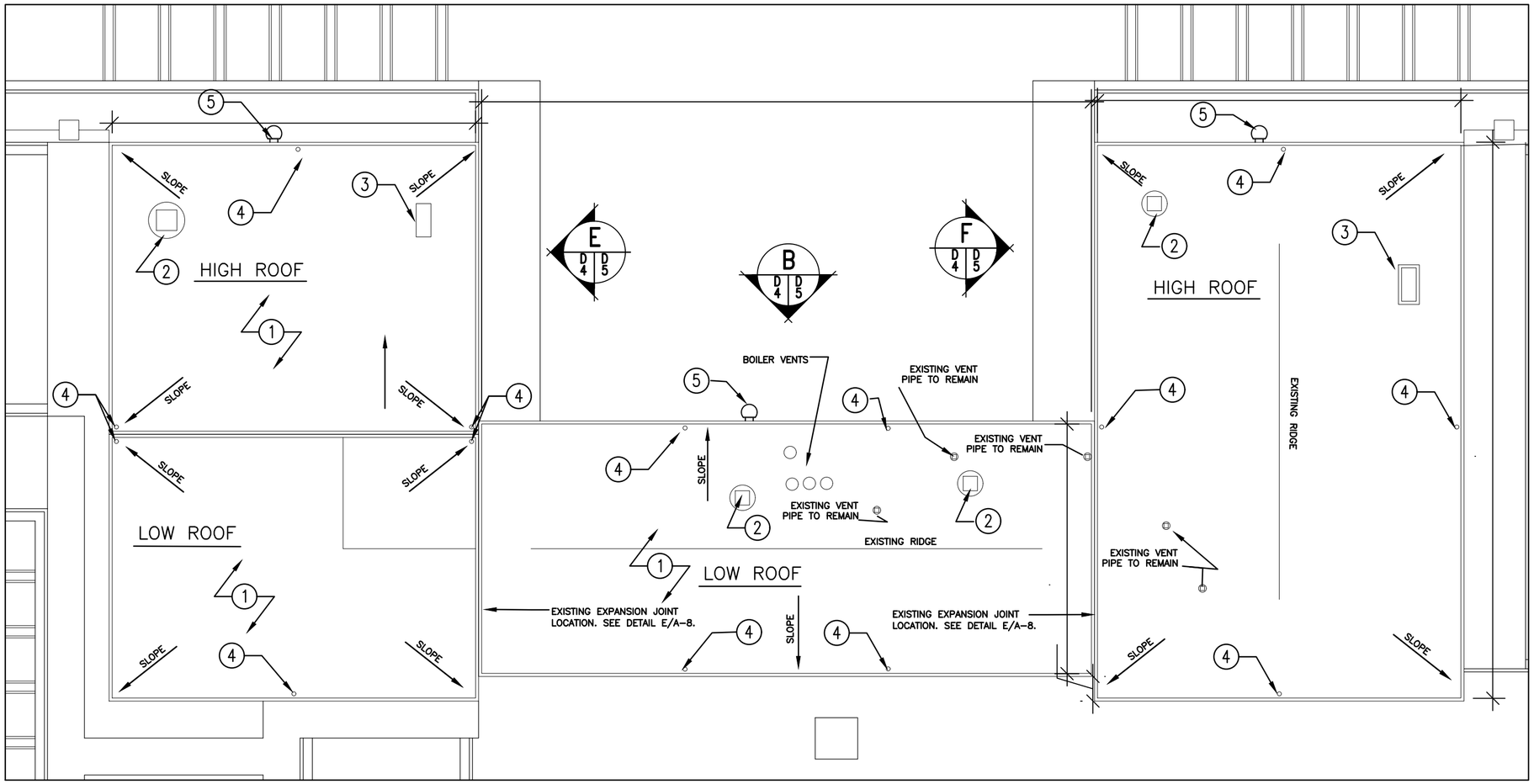
A3
DEMO ROOF PLAN



1 A4 A4 RENOVATION ROOF PLAN

1/16" = 1'-0" 0 10' 20' 40'

Construction Notes

(Apply to renovated roof plan only)

1. PROVIDE NEW (3) PLY MODIFIED BITUMEN ROOF MEMBRANE SYSTEM. SEE SHEET A-6 FOR DETAILS.
2. ROOF MOUNTED EXHAUST FAN. SEE DETAIL A-7.
3. AIR INTAKE HOOD SEE DETAIL A-6. SEE MECHANICAL DRAWINGS.
4. INSTALL NEW VENT AND LADDER BOOTS, ROOF DRAINS (TO INCLUDE CLAMPING RING, BOWL AND STRAINER). REPLACE ALL METAL DETAILS WITH .040 ALUMINUM, COLOR TO MATCH EXISTING UNLESS OTHERWISE SPECIFIED BY R.O.I.C.C. SEE DETAIL A-7

SHEET 5 OF 10

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PROJECT #26M0076CN

DWG: DANA WHITMORE

1771 ROOF REPLACEMENT

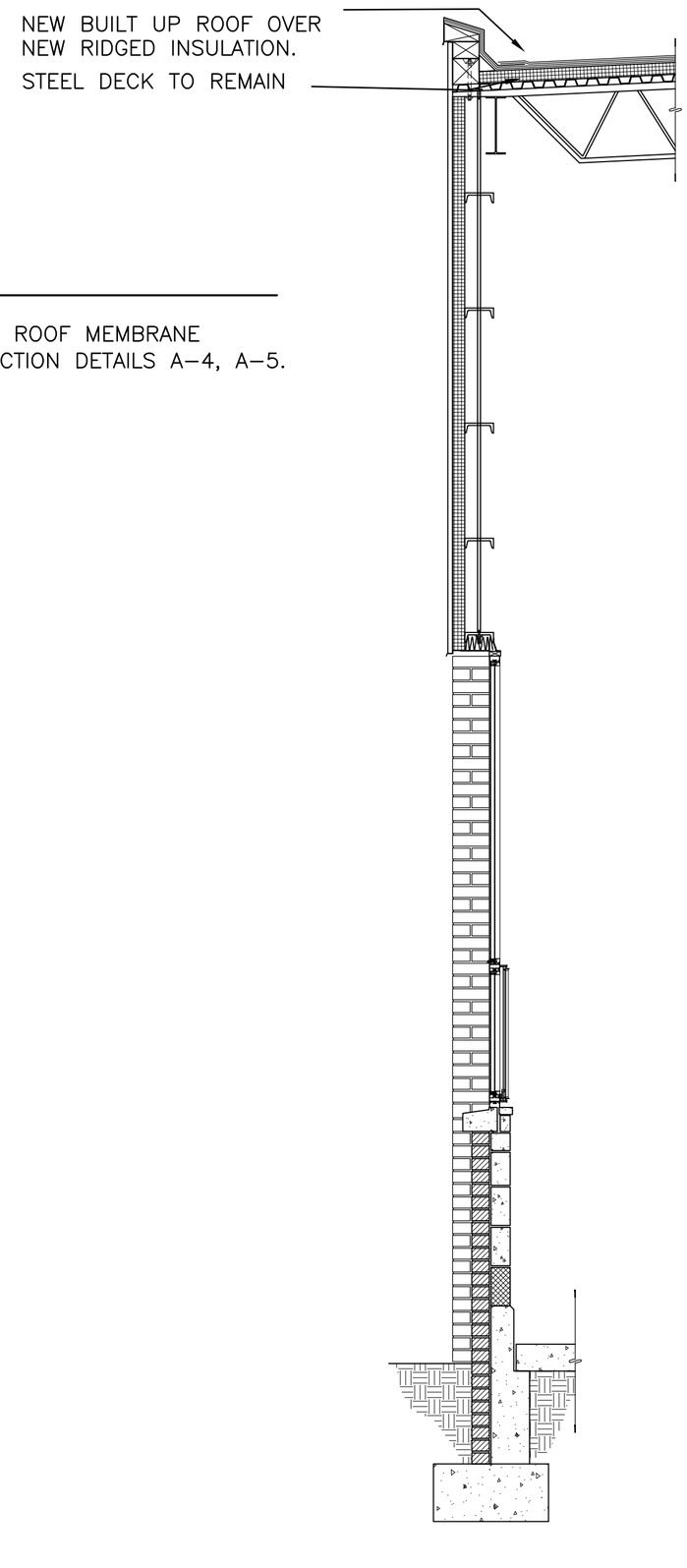
USMC CAMP LEJEUNE

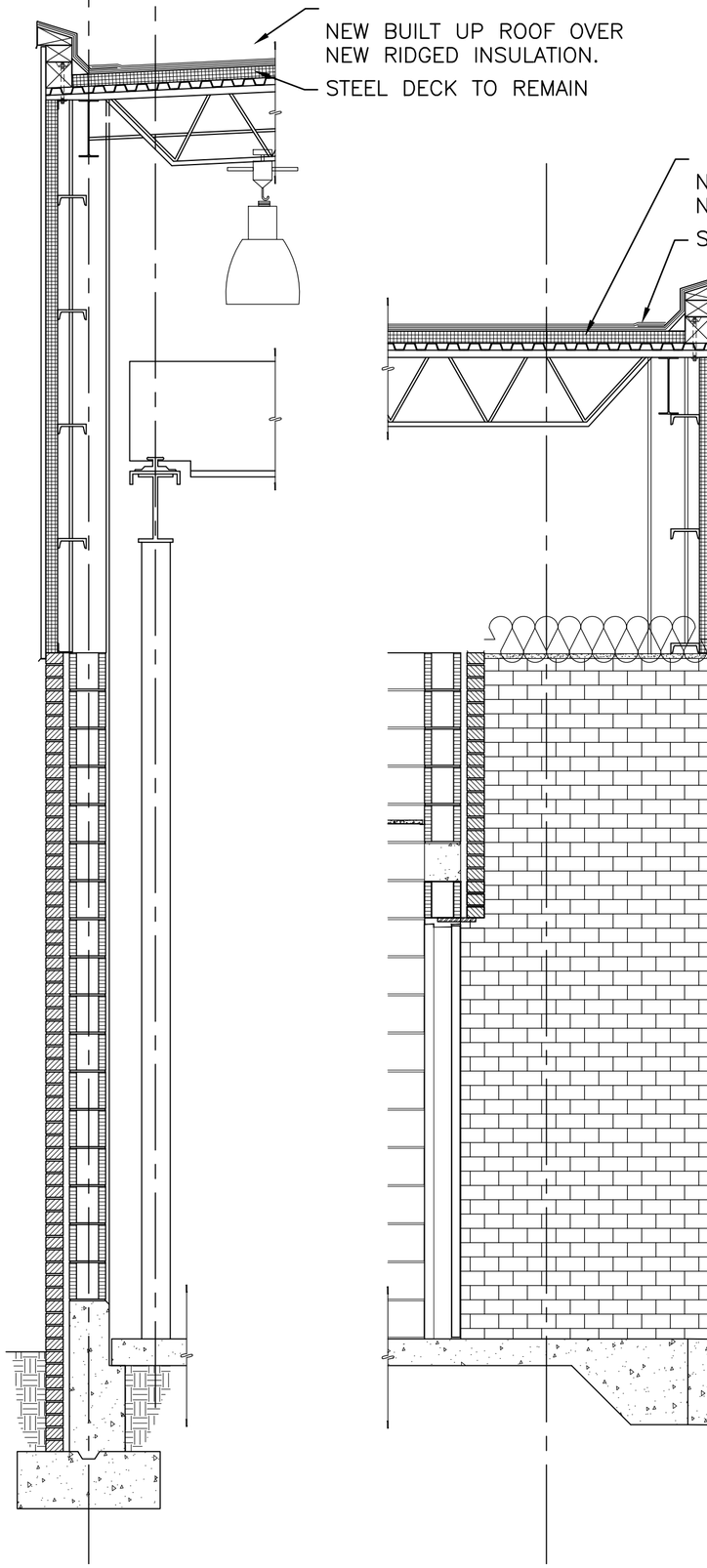
A4

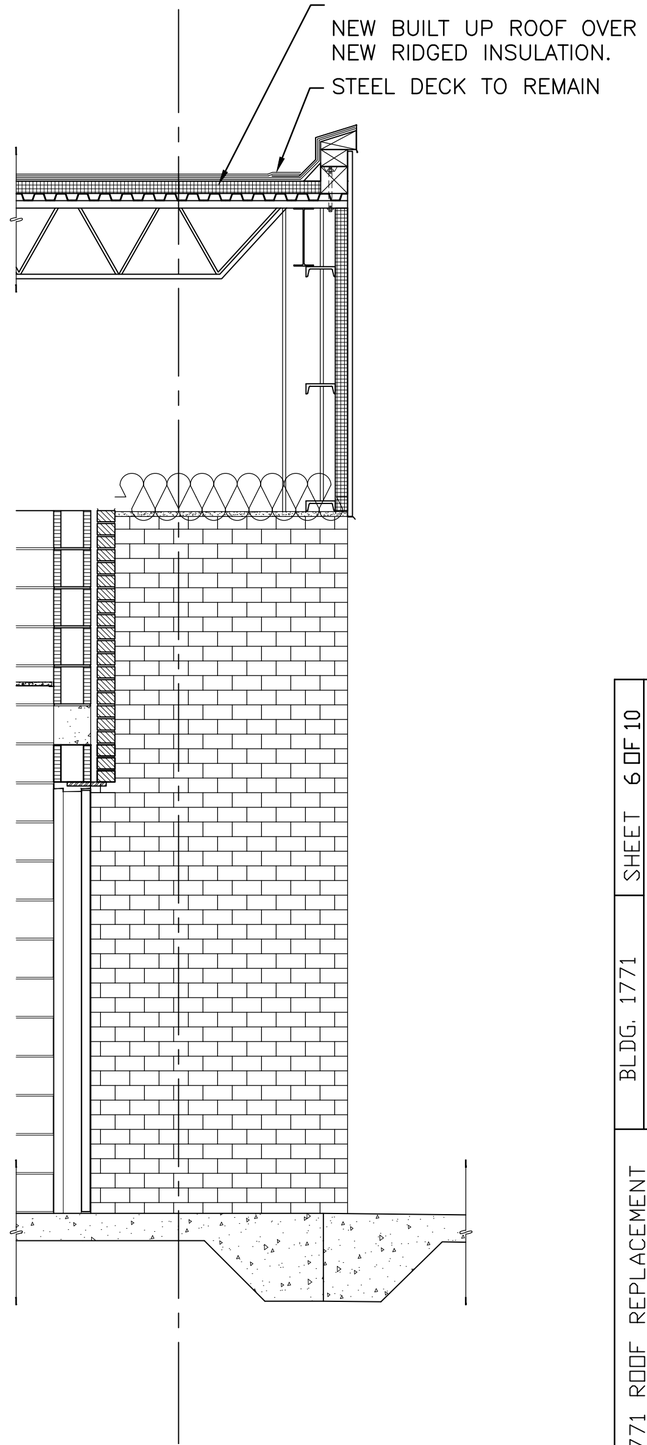
RENOVATION ROOF PLAN

General Notes:

PROVIDE NEW (3) PLY MODIFIED BITUMEN ROOF MEMBRANE SYSTEM: SEE ROOF DEMOLITION/CONSTRUCTION DETAILS A–4, A–5.







1 / A5 | A5 WALL SECTION

1-1/2″ = 1′-0″

0 6″ 1′ 2′

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1771 ROOF REPLACEMENT

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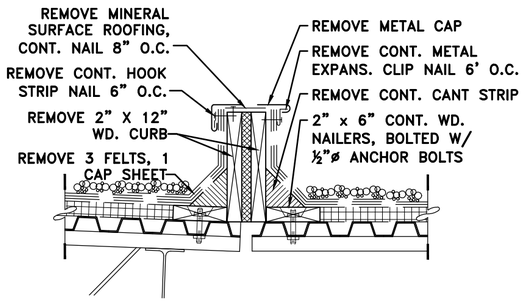
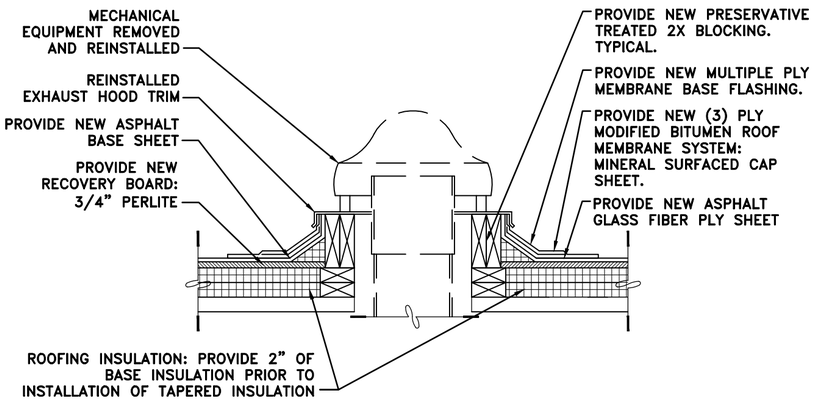
A5

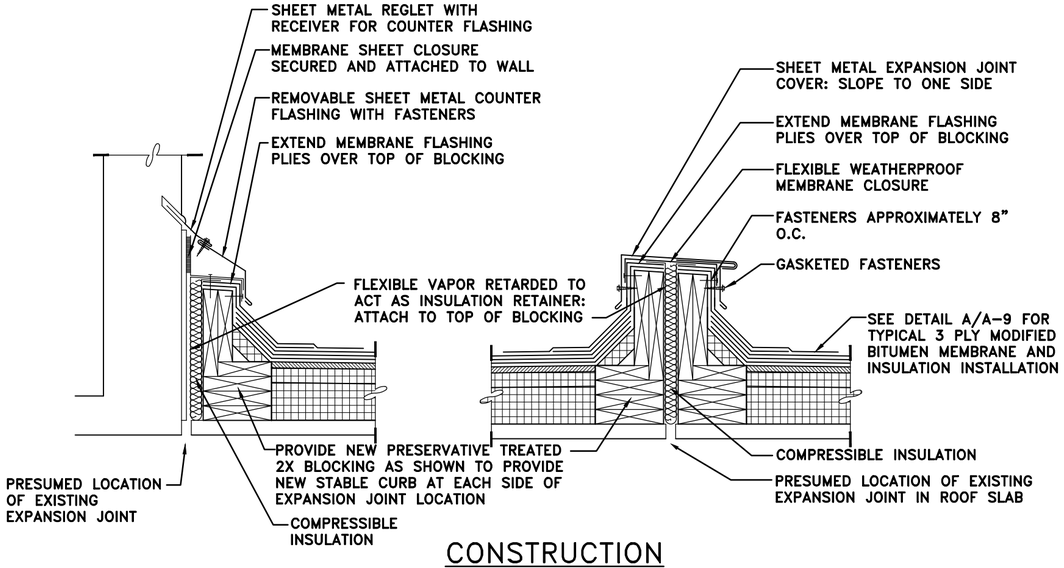
WALL SECTION

REMOVE EXISTING MEMBRANE ROOFING SYSTEM DOWN TO EXISTING METAL DECKING, INCLUDING ALL MEMBRANE PILES, ASPHALT LAYERS, BALLAST AND INSULATION LAYERS.

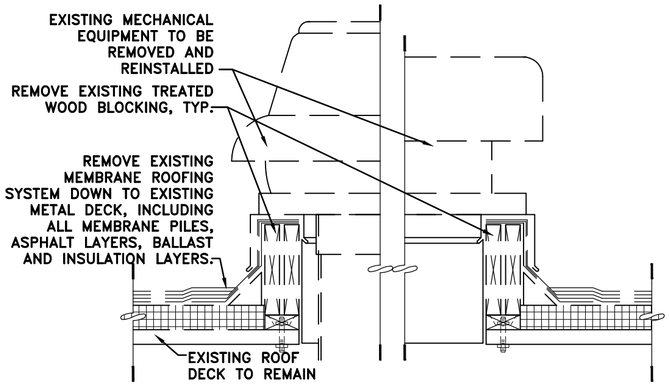


DEMOLITION





CONSTRUCTION



1 / A6 | A6 ROOFING DETAIL

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

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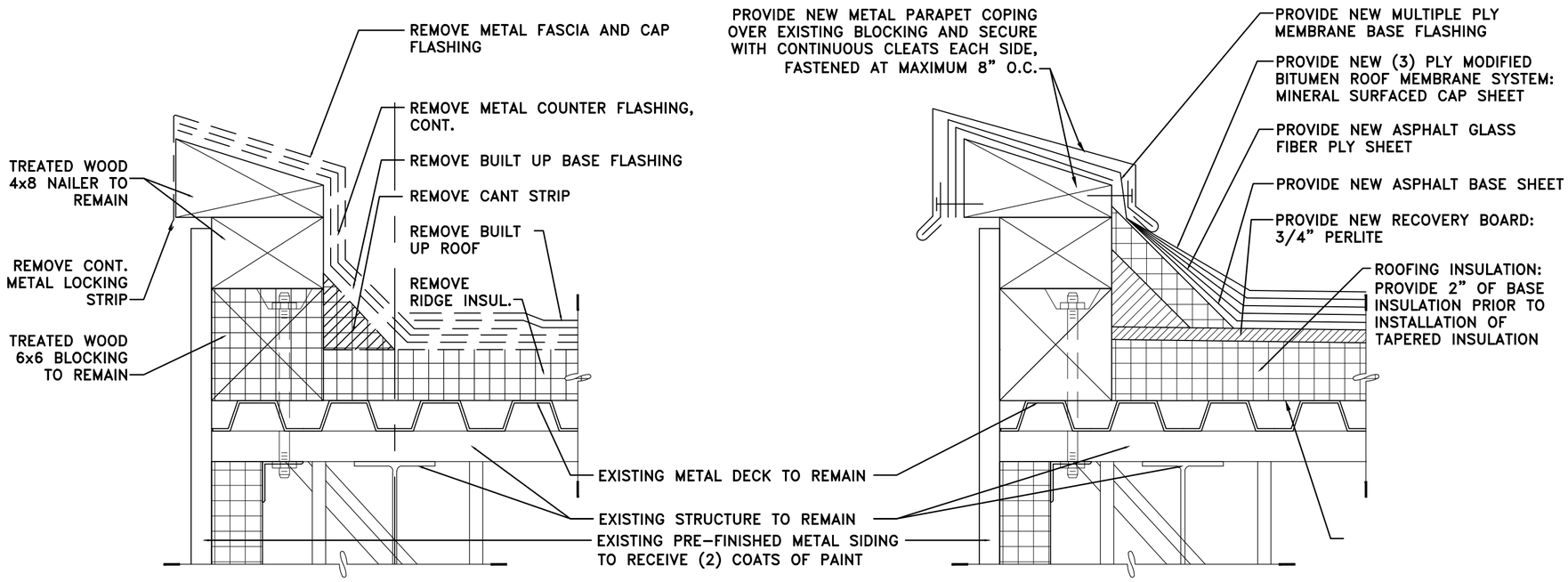
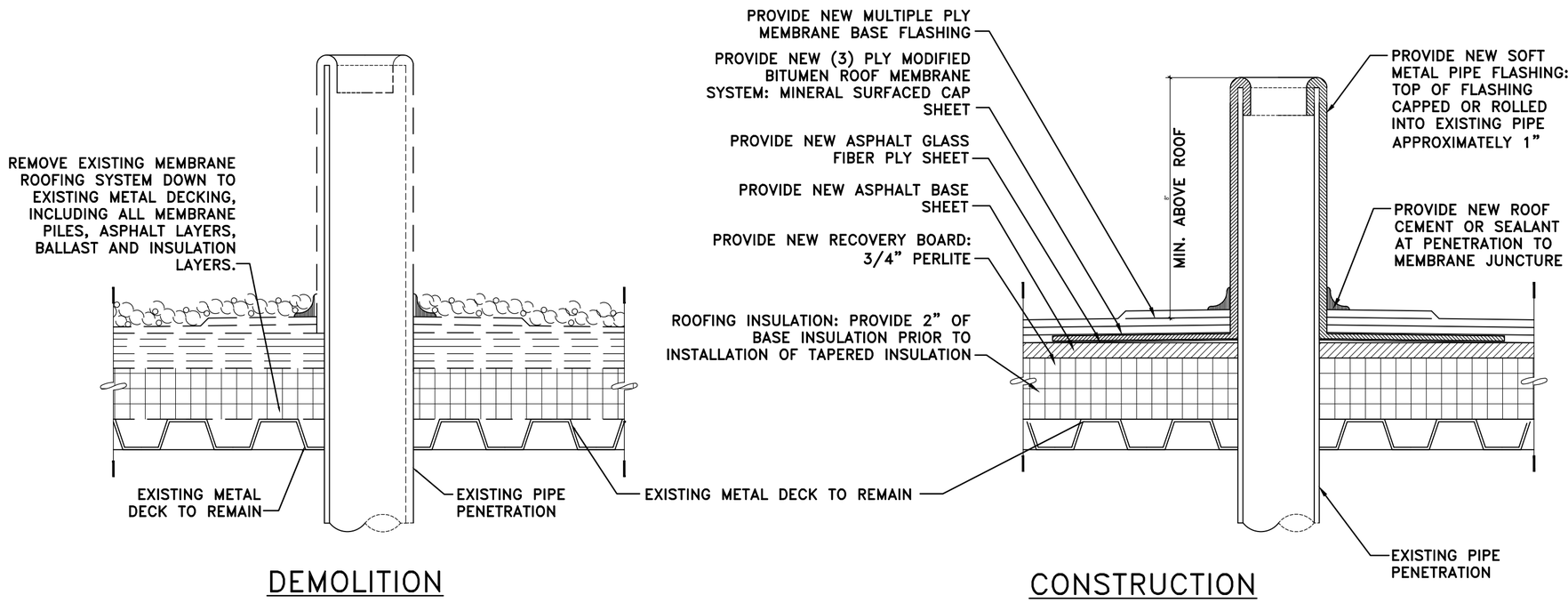
USMC CAMP LEJEUNE
A6
ELECTRICAL DETAIL



DEMOLITION

CONSTRUCTION



DEMOLITION

CONSTRUCTION

1 / A7 | A7 ROOFING DETAIL

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

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DWG: DANA WHITMORE
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USMC CAMP LEJEUNE
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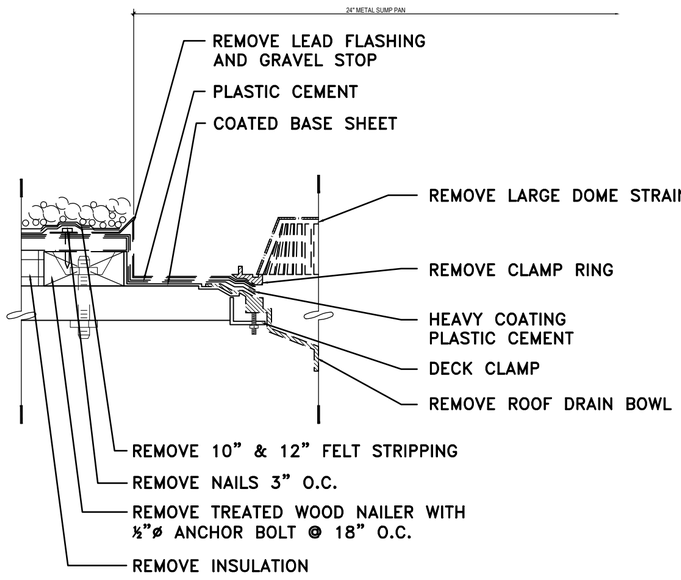
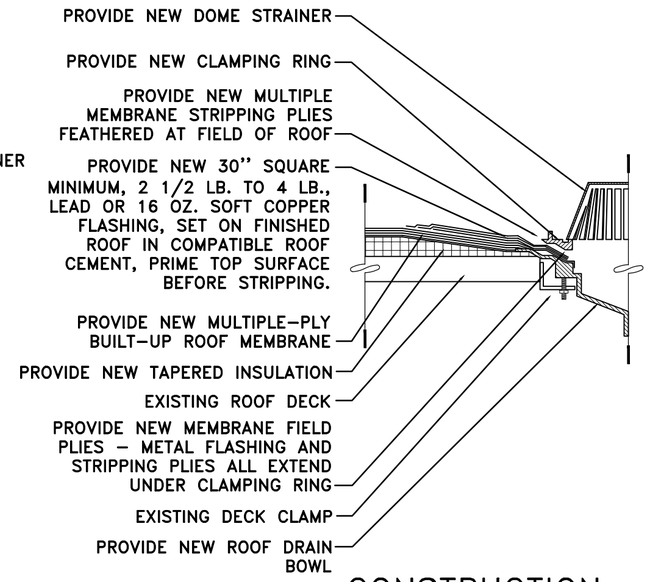
ELECTRICAL DETAIL



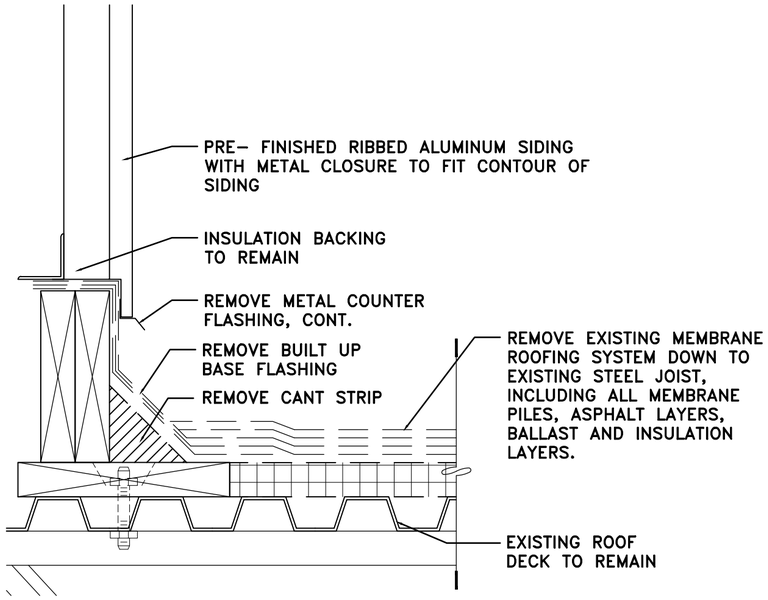
PROVIDE NEW INSTALLATION OF VAPOR RETARDED PRIOR TO INSTALLATION OF INSULATION LAYERS

DEMOLITION

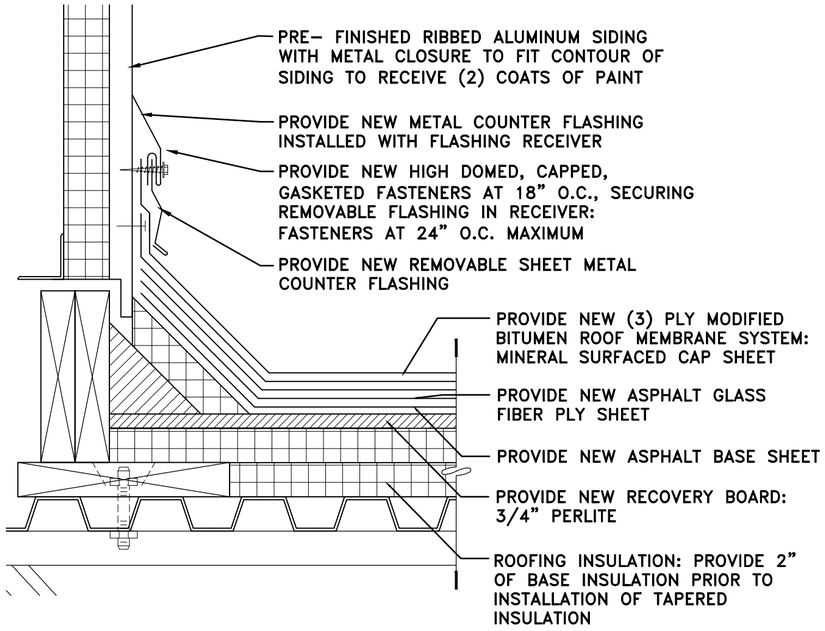


CONSTRUCTION

ROOF DRAIN ASSEMBLY SHOWN IS BASED UPON ZURN #Z121-DP-E



DEMOLITION



CONSTRUCTION

1 / A8 | A8 ROOFING DETAIL

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

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DWG: DANA WHITMORE
1771 ROOF REPLACEMENT
USMC CAMP LEJEUNE
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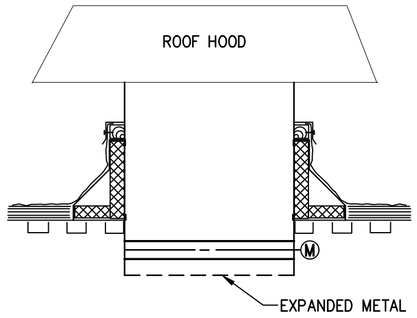
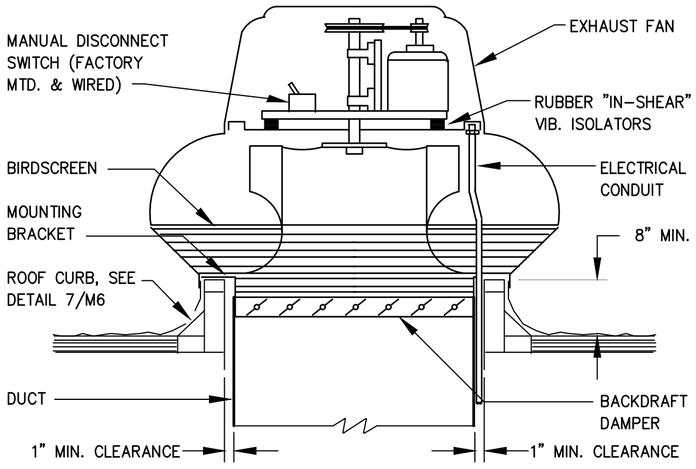
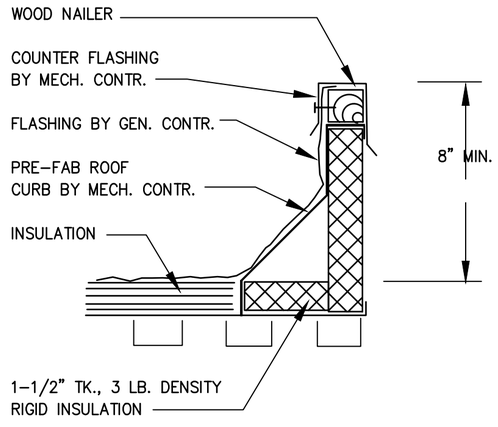
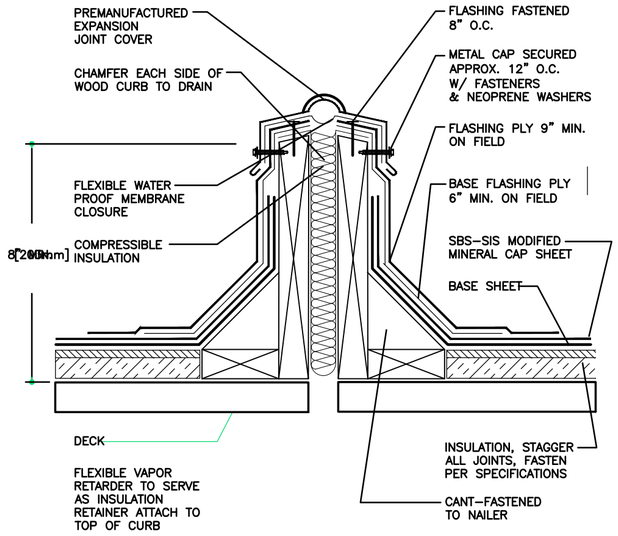
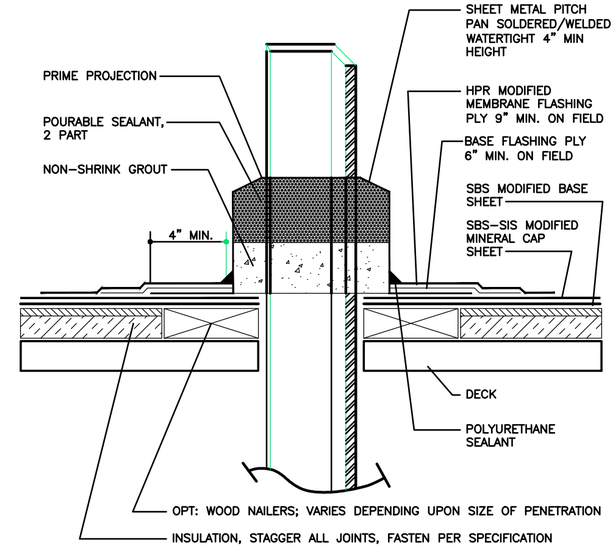
ELECTRICAL DETAIL

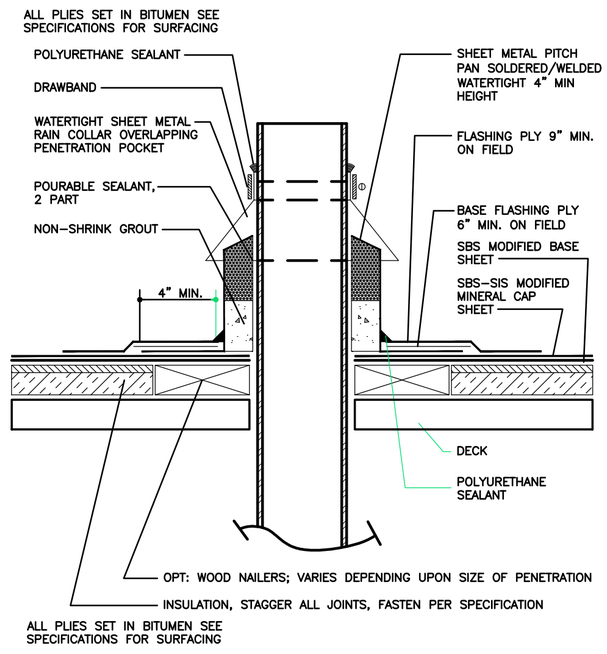




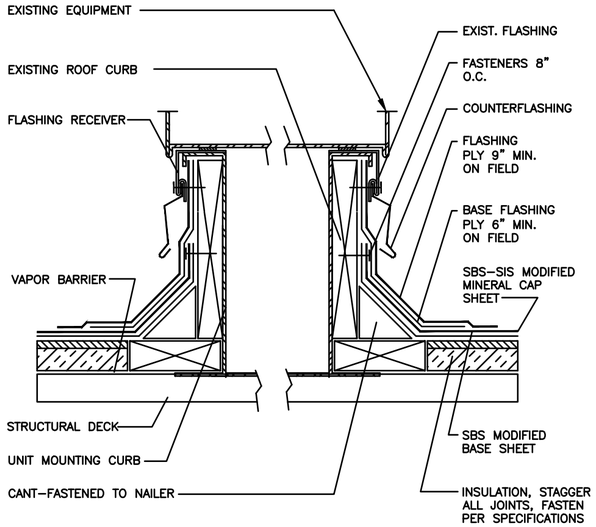


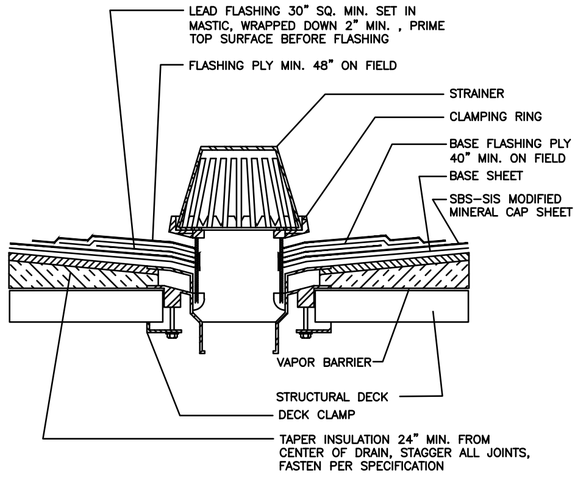






NOTE: DETAIL DEPICTS CONDITION AT RELOCATED EXISTING OR RE-INSTALLED EQUIPMENT. IF APPLICABLE, FOR EQUIPMENT TO REMAIN IN PLACE, INSTALL ROOFING SYSTEM MEMBRANE, BASE FLASHING AND COUNTERFLASHING AS HIGH AS POSSIBLE UNDER EXISTING CURB FLASHING (SPLIT FLASHING SYSTEM)





1 / A9 | A9 ROOF DETAIL

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

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ROOF CURB DETAIL