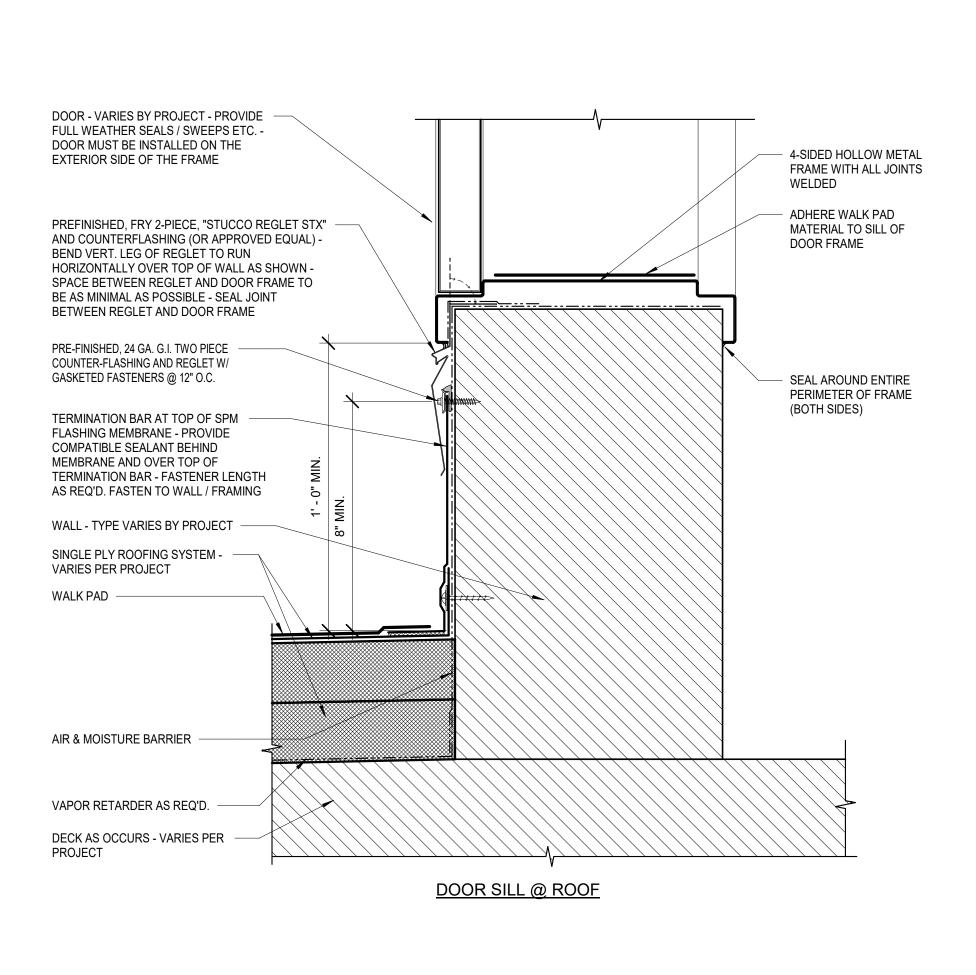
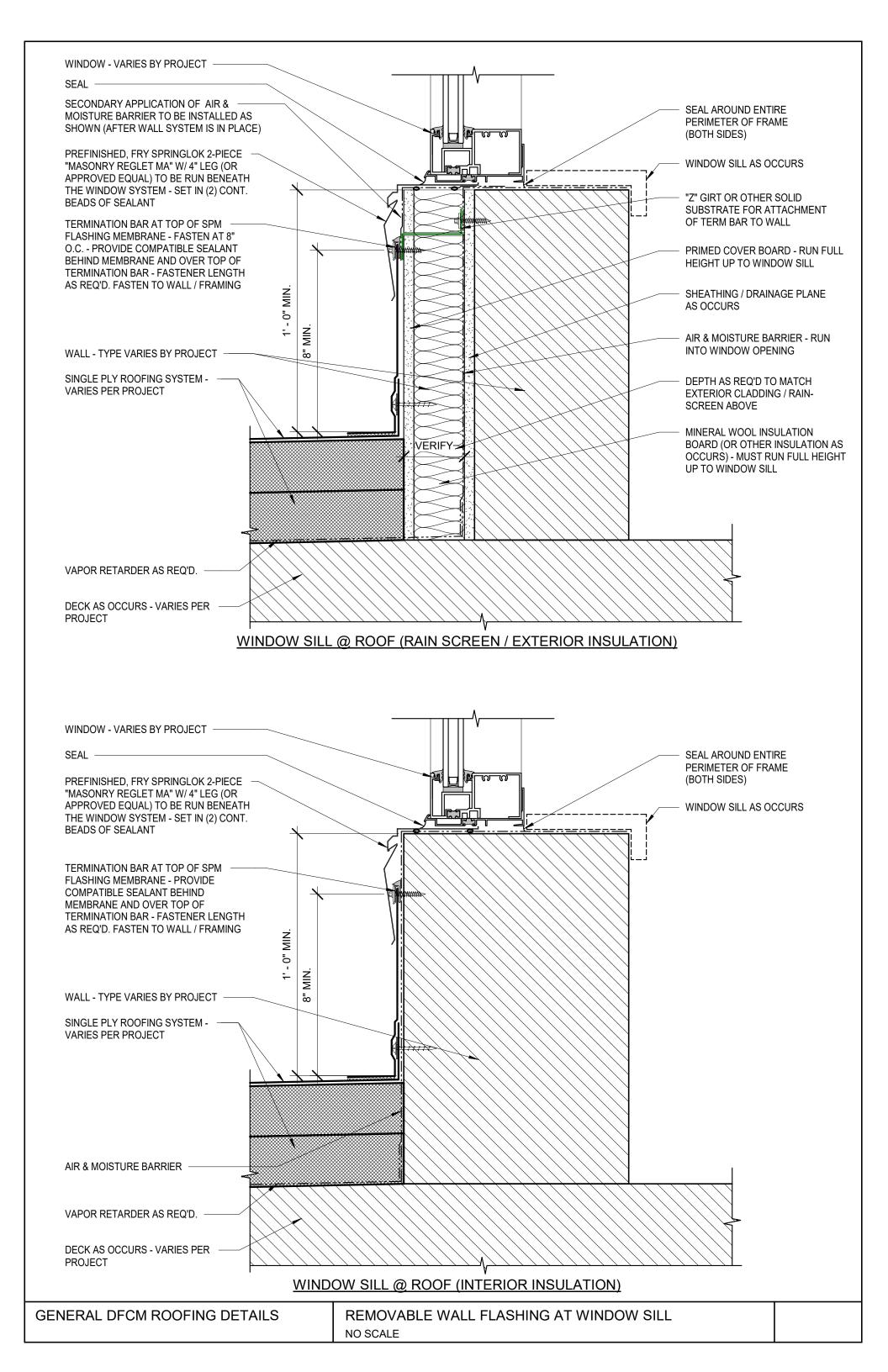
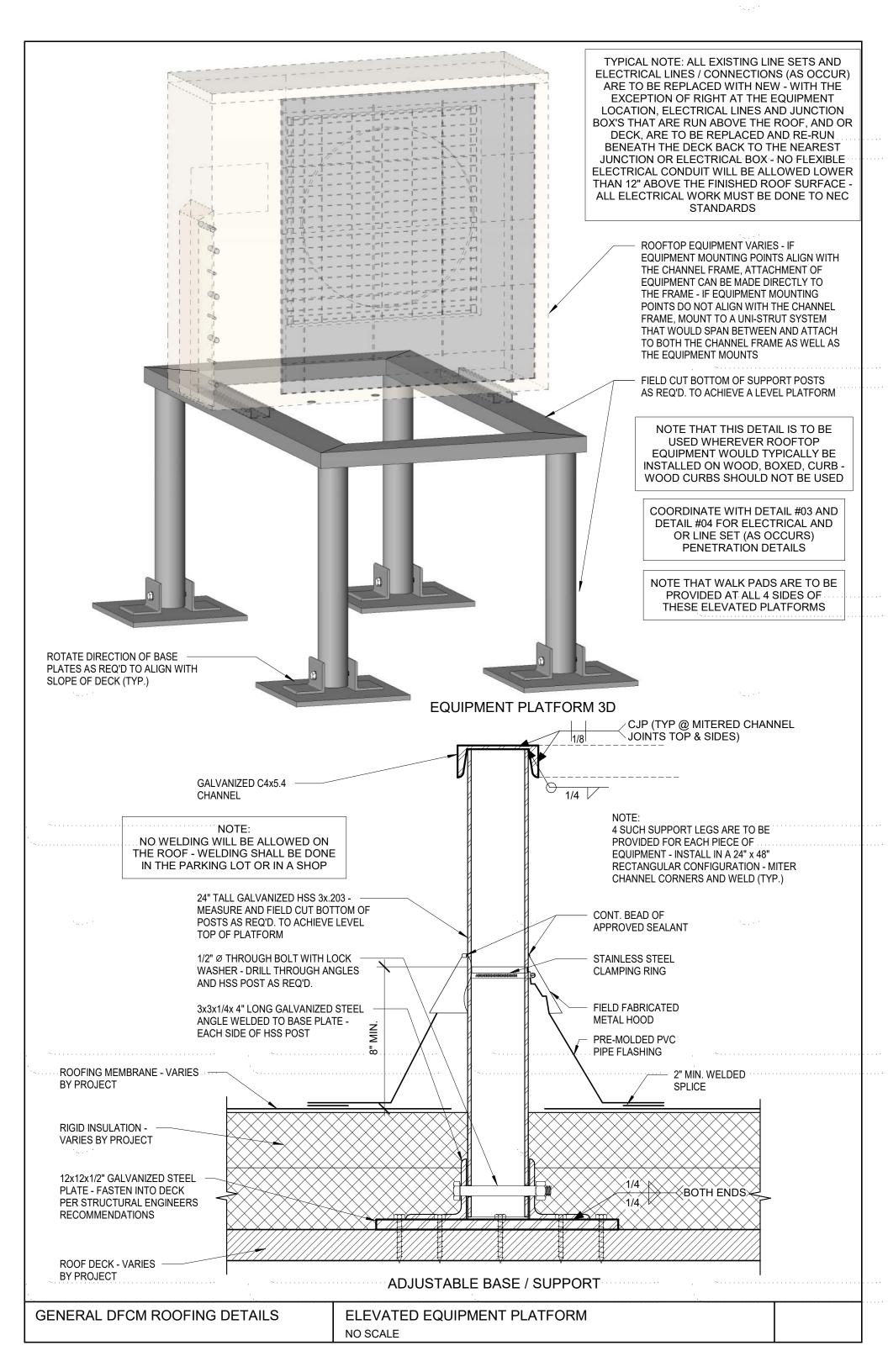


NOTE THAT THE INTENT OF THIS DETAIL IS TO ACHIEVE A COUNTER-FLASHING SYSTEM THAT WILL ALLOW FOR FUTURE RE-ROOFING WITHOUT NEEDING TO REMOVE OR NEGATIVLY AFFECT THE BUILDINGS WALL CLADDING / RAIN SCREEN SYSTEM WALL - TYPE VARIES BY PROJECT -EXTERIOR CLADDING / RAIN-SCREEN AS OCCURS - VARIES BY PROJECT DRAINAGE PLANE / AIR & MOISTURE BARRIER OVER SHEATHING AS OCCURS SECONDARY APPLICATION OF AIR & MOISTURE BARRIER TO BE INSTALLED AS SHOWN (AFTER COUNTERFLASHING SYSTEM(S) HAVE BEEN INSTALLED) "Z" GIRTS OR OTHER SOLID SUBSTRATE NON-INSULATED FOR ATTACHMENT OF TERM BAR TO WALL INSULATED PREFINISHED, FRY 2-PIECE, "STUCCO REGLET STX" AND COUNTERFLASHING (OR APPROVED EQUAL) ADDITIONAL FLASHING AS OCCURS (IF REQ'D. BY WALL CLADDING / RAIN SCREEN SYSTEM) PREFINISHED, FRY SPRINGLOK 2-PIECE "MASONRY REGLET MA" W/ 4" LEG (OR APPROVED EQUAL) TO BE RUN BENEATH THE CLADDING / RAIN-SCREEN SYSTEM - FLATTEN PANEL PANEL AND REBEND LEG OF REGLET TO TURN UP FACE OF SHEATHING / DRAINAGE PLANE AS SHOWN **OF WALL** OF WALL TERMINATION BAR AT TOP OF SPM FLASHING MEMBRANE - PROVIDE COMPATIBLE SEALANT BEHIND MEMBRANE AND OVER TOP OF TERMINATION BAR - FASTEN @ 8" O.C. BOTTOM BOTTOM 8" MIN. VERIFY PRIMED COVER BOARD & MINERAL WOOL INSULATION BOARD (OR OTHER INSULATION AS OCCURS) - MUST RUN FULL HEIGHT TO 0 MIN. TO UNDERSIDE OF WALL CLADDING ABOVE -Σ Z DEPTH AS REQ'D TO MATCH EXTERIOR CLADDING / RAIN-SCREEN ABOVE _0 _0 -SINGLE PLY ROOFING SYSTEM -VARIES PER PROJECT DECK AS OCCURS - VARIES PER PROJECT ROOF @ RAIN SCREEN / CLADDING ROOF @ RAIN SCREEN / CLADDING / EXTERIOR INSULATION / INTERIOR INSULATION GENERAL DFCM ROOFING DETAILS REMOVABLE FLASHING AT WALL BASE NO SCALE









ENCLOSURE SHOWN IN PHOTO FOR REFERENCE ONLY -NOTE THAT ALL METAL MUST BE COATED METAL, (NOT GALVANIZED METAL)

NOTE (TYPICAL):

LOCATE NEW LINE SET

ENCLOSURES A MINIMUM OF 18"

AWAY FROM THE UNIT BEING

SERVED

NOTE (TYPICAL):

ALL EXISTING LINE SETS MUST

BE REPLACED WITH NEW -

PROVIDE ADDITIONAL LENGTH OF LINE SET AS REQ'D. TO

PROPERLY WORK WITH NEW

ENCLOSURE

AS REQ'D. 0 0 0 0 LINE SET OR OTHER SIM. AS REQ'D PENETRATIONS THROUGH 0 0 **ROOF** 2 \circ 0 0 FASTEN FLANGES OF ENCLOSURE TO DECK WITH (12) #14 STS (OR APPROPRIATE FASTENERS FOR DECK TYPE) **PLAN VIEW**

NOTE THAT THIS EDGE OF THE CAP

IS TO EXTEND 4" BEYOND THE FACE

WEATHER - PROVIDE HEMMED DRIP

AS REQ'D.

OF THE ENCLOSURE TO SHIELD

LINE SET PENETRATION FROM

EDGE AS SHOWN

2"

SEAL OR FOAM IN AND AROUND OPENINGS TO **FURTHER PROTECT THE** OPENING FROM THE ELEMENTS AND INSECTS ETC.

FASTEN PARTIAL COATED METAL PIPE EXTENSION TO ENCLOSURE - SEE PHOTO ABOVE (SIM.) - COVER ALL FASTENERS / JOINTS WITH WELDED MEMBRANE

NOTCH CAP WHERE PIPES PENETRATE (IF REQ'D.)

NOTE THAT LINE SET MUST ENTER THE

ENCLOSURE DRAPING **UPWARDS AS SHOWN**

> LINE SET OR OTHER SIM. PENETRATIONS THROUGH ROOF

AT BASE OF ENCLOSURE. PROVIDE INSULATION THAT IS **EQUIVALENT TO THE R-VALUE** OF THE ROOF SYSTEM

FASTEN FLANGES OF ENCLOSURE TO DECK WITH (12) #14 STS (OR APPROPRIATE FASTENERS FOR DECK TYPE)

RIGID INSULATION -VARIES BY PROJECT

BY PROJECT

ROOFING MEMBRANE - VARIES

ROOF DECK VARIES BY PROJECT

REMOVABLE COATED METAL

ENCLOSURE W/ (2 PER SIDE

ON 3 SIDES) HIGH-DOMED,

FASTENERS - ALL SEAMS /

REQUIRED FOR REMOVAL OF

WATERPROOFED WITH HEAT

CAP - FASTEN TO

CAPPED, GASKETED

JOINTS THAT ARE NOT

CAP ARE TO BE FULLY

WELDED MEMBRANE

COATED METAL ENCLOSURE WITH ALL

SEAMS / JOINTS /

COVERED /

HEAD WELDED **MEMBRANE**

ENCLOSURE

FASTENERS ETC. FULLY

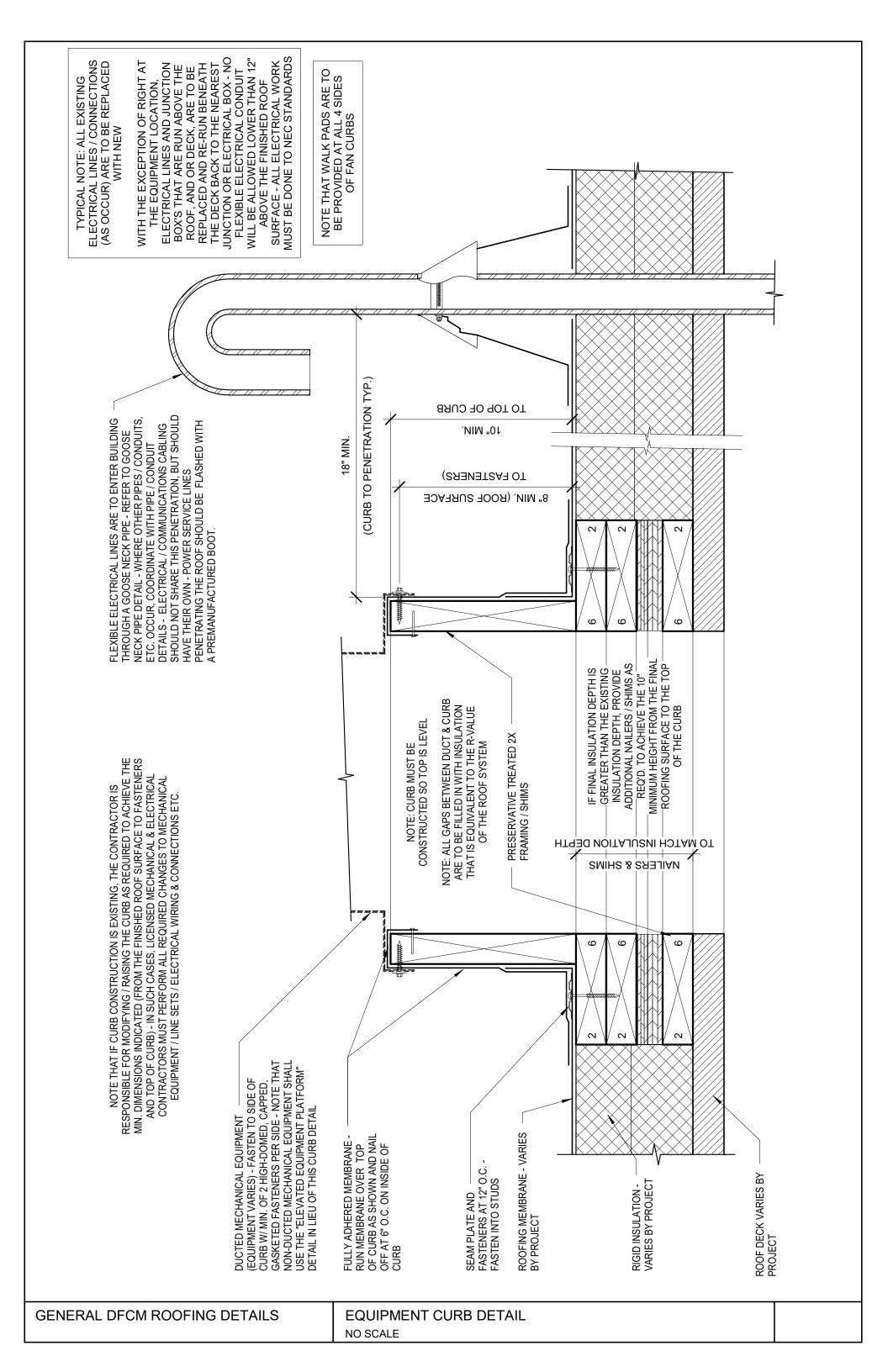
WATERPROOFED WITH

HEAT WELD FLASHING

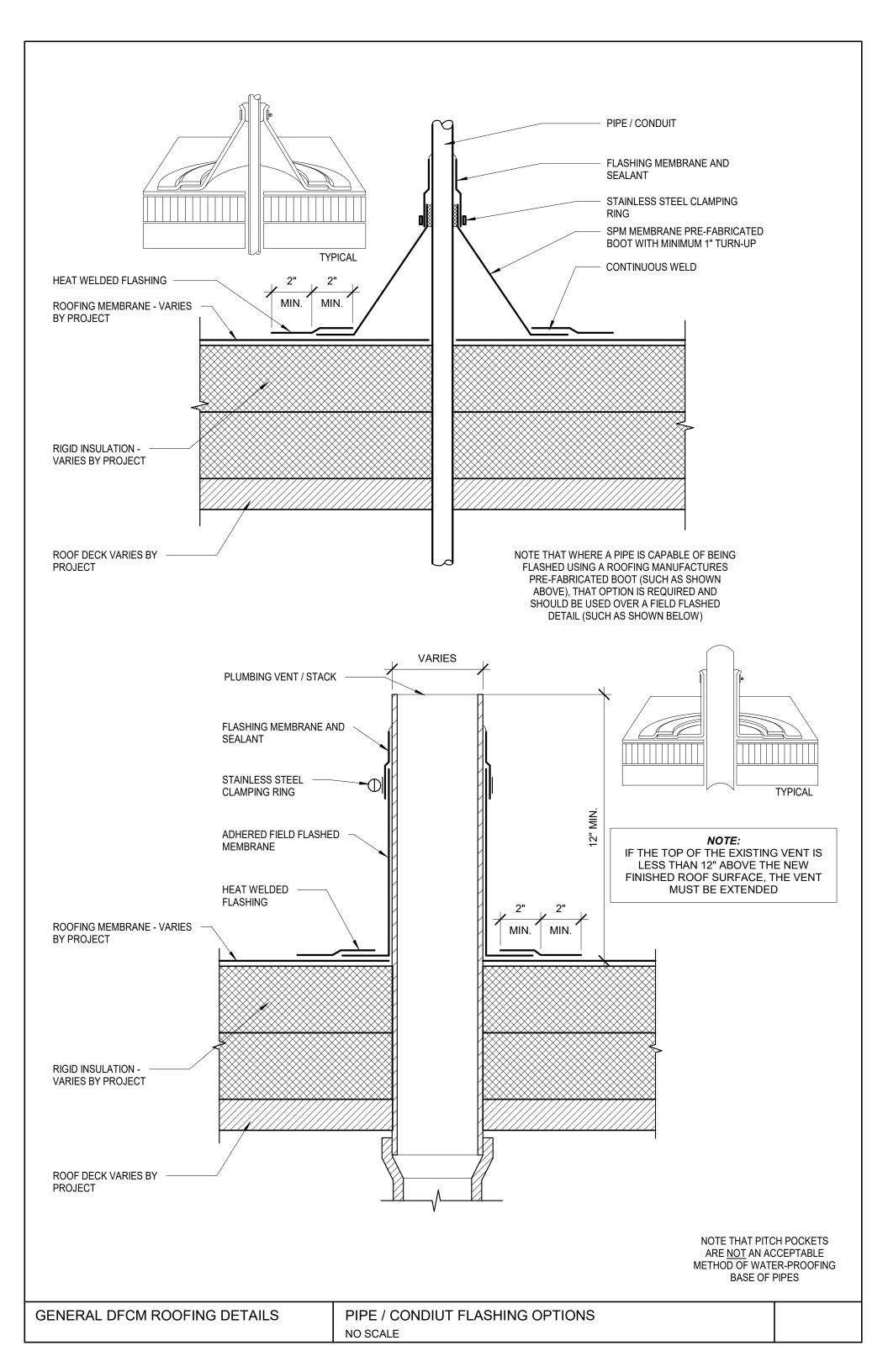
. 8" MIN.

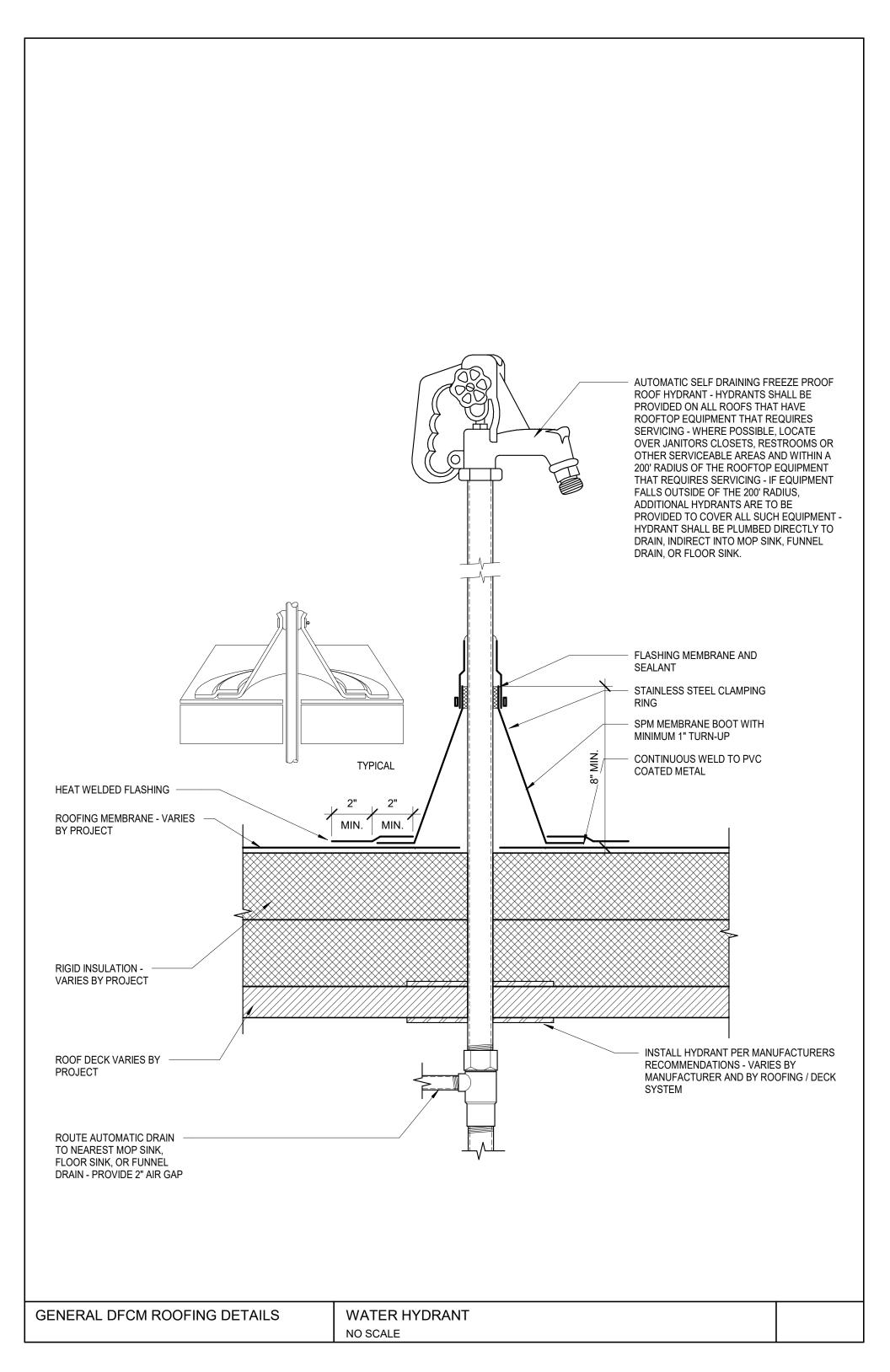
TO COATED METAL

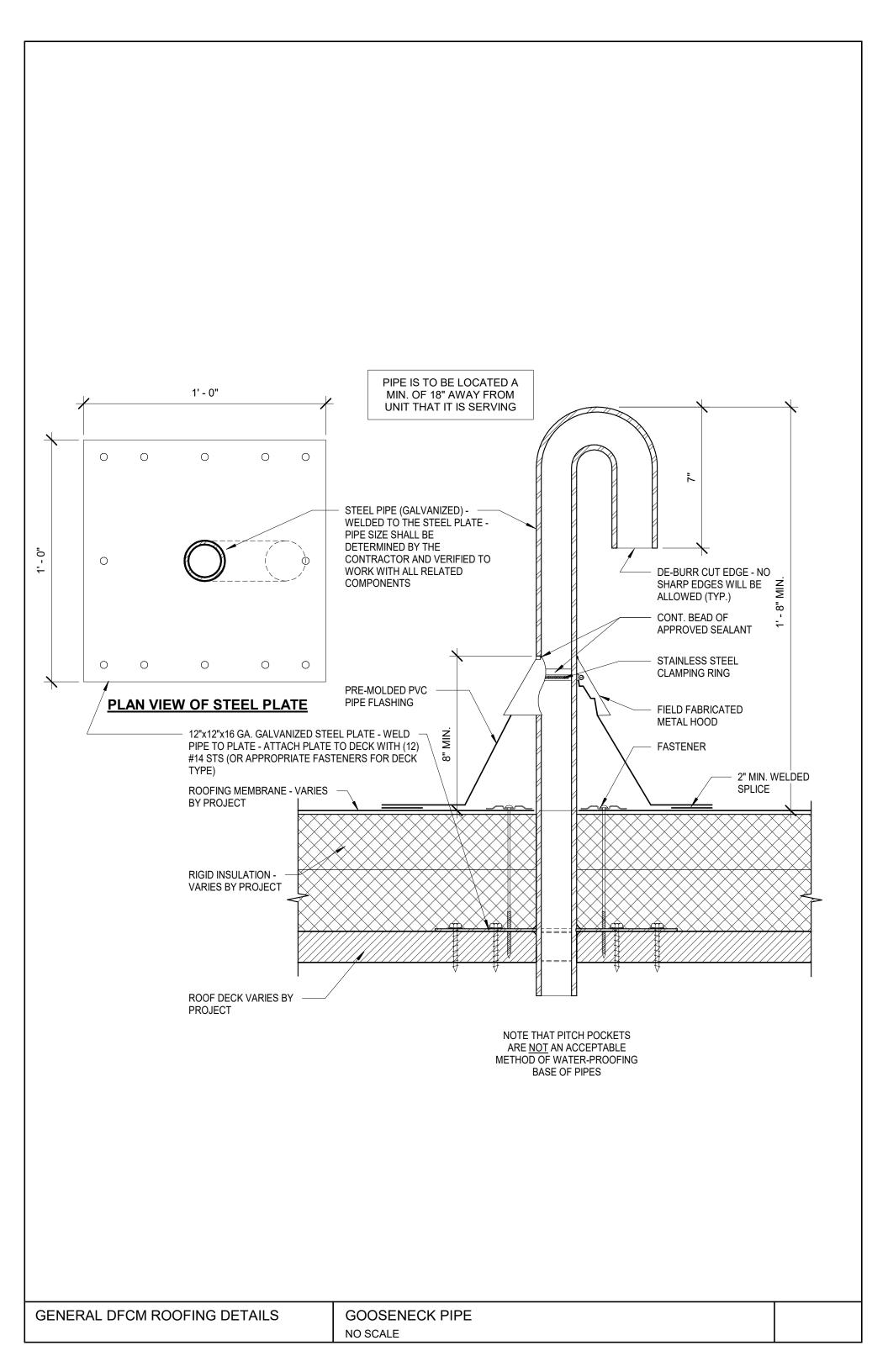
NOTE THAT PITCH POCKETS ARE NOT AN ACCEPTABLE METHOD OF WATER-PROOFING BASE OF PIPES

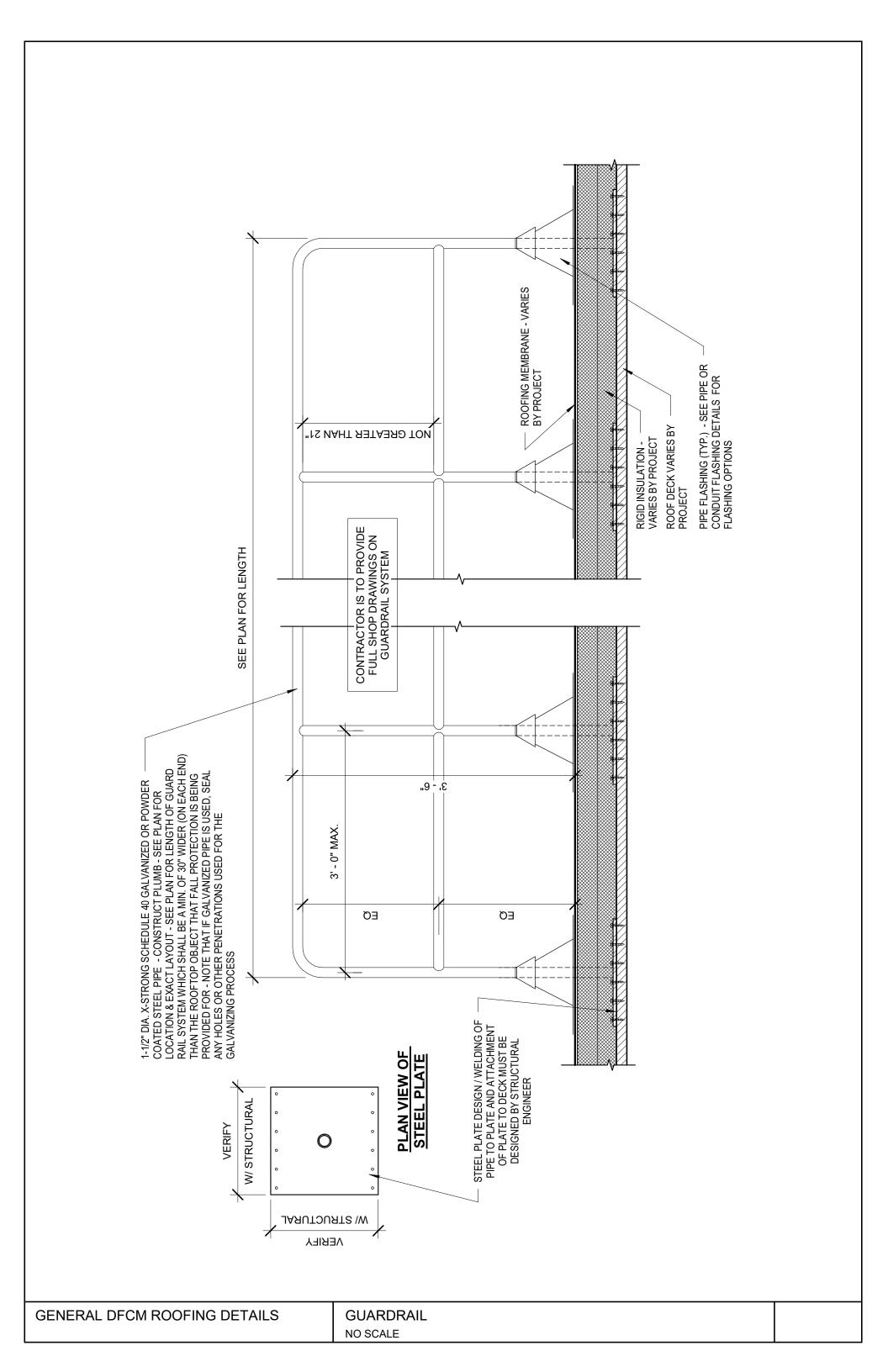


12x12x1/2" GALVANIZED STEEL PLATE - FASTEN INTO DECK PER RECOMMENDATIONS BOTH & COORD. AS REQ'D. STRUCTURAL ENGINEERS FIELD VERIFY 2" MIN. WELDED 4 1/4 APPROVED SEALANT SPLICE PRE-MOLDED PVC PIPE FLASHING STAINLESS STEEL **CLAMPING RING** CONT. BEAD OF SUPPORT STANDS ARE TO BE USED TO SUPPORT ALL CANTILEVERED EQUIPMENT - NO FEET OR SLEEPERS RESTING ON ROOF WILL BE ALLOWED VOIDS INSIDE THE CURB, AROUND DUCTING, ARE TO BE FILLED WITH RIGID OR BATT INSULATION AS REQ'D NOTE THAT A MINIMUM OF (2) SUPPORT LEGS ARE TO BE PROVIDED FOR EACH PIECE OF EQUIPMENT THAT HAS CANTILEVERED ELEMENTS THAT NEED TO BE SUPPORTED - FASTEN CANTILEVERED ELEMENTS TO CHANNEL OR PROVIDE UNISTRUT AS REQ'D. TO PROVIDE ADEQUATE SUPPORT - FIELD VERIFY AND TYP. CANTILEVER SUPPORT STAND NOTE THAT ADDITIONAL ENGINEERING WILL BE REQUIRED FOR EQUIPMENT OVER 300 POUNDS 1/4 .NIM "8 COORDINATE EQUIPMENT HEIGHT AND SUPPORT HEIGHTS AS REQ'D MEASURE AND FIELD CUT BOTTOM OF POSTS AS REQ'D. TO ACHIEVE LEVEL TOP OF SUPPORT LOCK WASHER - DRILL THROUGH ANGLES AND HSS 1/2" Ø THROUGH BOLT WITH GALVANIZED HSS 2.5x.0188 GALVANIZED STEEL ANGLE WELDED TO BASE PLATE TO MATCH THE R-VALUE OF THE REST OF THE ROOF EACH SIDE OF HSS POST GALVANIZED C4x5.4 **CURB TO PENETRATION** 3x3x1/4x 4" LONG POST AS REQ'D. 18" MIN CHANNEL TO TOP OF CURB 18" MIN. **GENERAL NOTES (CONT.)** 9 ဖ 9 9 7. ∞ о О DUCT & CURB ARE TO BE FILLED IN WITH INSULATION THAT IS —EQUIVALENT TO THE R-VALUE — OF THE ROOF SYSTEM INDICATED (FROM THE FINISHED ROOF SURFACE TO ELECTRICAL CONTRACTORS MUST PERFORM ALI PRESERVATIVE TREATED 2X CURB OR PRE OCCURS) - NOTE THAT WITH EITHER CURB SETS / ELECTRICAL WIRING & CONNECTIONS ETC. ALL EXISTING ELECTRICAL LINES / CONNECTIONS (AS OCCUR) ARE 10 BE REFLACED WILLIAM BOX'S THAT ARE EXCEPTION OF RIGHT AT THE EQUIPMENT LOCATION - ELECTRICAL LINES AND JUNCTION BOX'S THAT ARE RUN ABOVE THE ROOF, AND OR DECK, ARE TO BE REPLACED AND RE-RUN BENEATH THE DECK, BACK TO THE NEAREST JUNCTION OR ELECTRICAL BOX - NO FLEXIBLE ELECTRICAL CONDUIT WILL BE ALLOWED 10 OWER THAN 12" ABOVE THE FINISHED ROOF SURFACE - ALL ELECTRICAL WORK MUST BE DONE TO NEC MANUFACTURED METAL CURB FROM THE NOTE: ALL GAPS BETWEEN OVER THE TOP OF THE CURB & MINIMUM HEIGHTS MUST BE MET AS INDICATED— **JR IS RESPONSIBLE FOR MODIFYING / RAISING THE** TYPE, FLASHING MEMBRANE MUST RUN MECHANICAL UNIT MANUFACTURER (AS NO WELDING WILL BE ALLOWED ON THE ROOF - WELDING SHALL BE DONE IN THE PARKING LOT OR IN A ISTING INSULATION DEPTH, PROVIDE ADDITIONAL HEIGHT INDICATED FROM THE FINAL ROOFING TYP. EQUIPMENT CURB PRESERVATIVE TREATED 2X FRAMING / SHIMS CURBS AND SUPPORT STANDS MUST BE CONSTRUCTED SO TOP IS LEVEI TO MATCH INSULATION DEPTH NAILERS & SHIMS WALK PADS ARE TO BE PROVIDED AT ALL 4 SIDES OF CURBS AL & CURB AS REQUIRED TO ACHIEVE THE MIN. DIMENSIONS REQUIRED CHANGES TO MECHANICAL EQUIPMENT / LIN IF FINAL INSULATION DEPTH IS GREATER THAN THE EXINALERS / SHIMS AS REQ'D. TO ACHIEVE THE MINIMUM SURFACE TO THE TOP OF THE CURB TOP OF CURB) - IN SUCH CASES, LICENSED MECHANIC IF CURB CONSTRUCTION IS EXISTING, THE CONTRACT \sim α CURB AS SHOWN AND NAIL OFF AT 6" O.C. ON INSIDE OF CURB RUN MEMBRANE OVER TOP OF RTU OR AHU AS OCCURS FULLY ADHERED MEMBRANE -ROOF DECK VARIES BY PROJECT FASTENERS AT 12" O.C. FASTEN INTO STUDS ROOFING MEMBRANE - VARIES BY PROJECT STANDARDS BY PROJEC-RIGID INSULATION VARIES BY PROJEC SEAM PLATE AND **GENERAL NOTES** MAU, . ď က 4. 5 Ö. CANTILEVERED MAU / RTU / AHU SUPPORT GENERAL DFCM ROOFING DETAILS NO SCALE







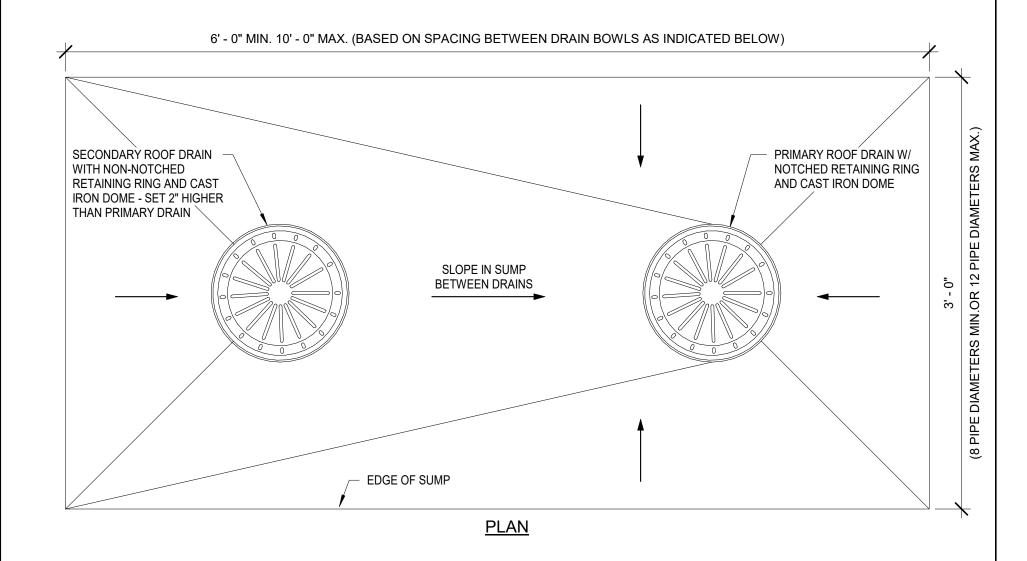


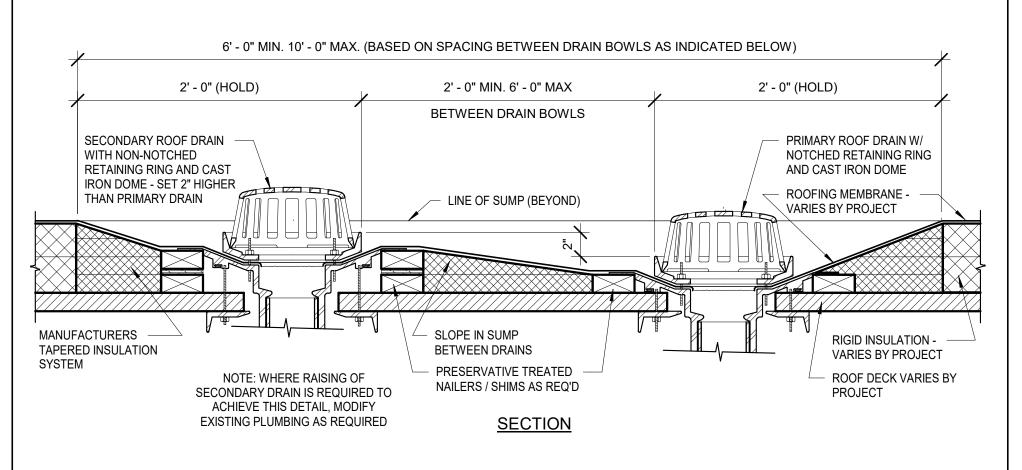
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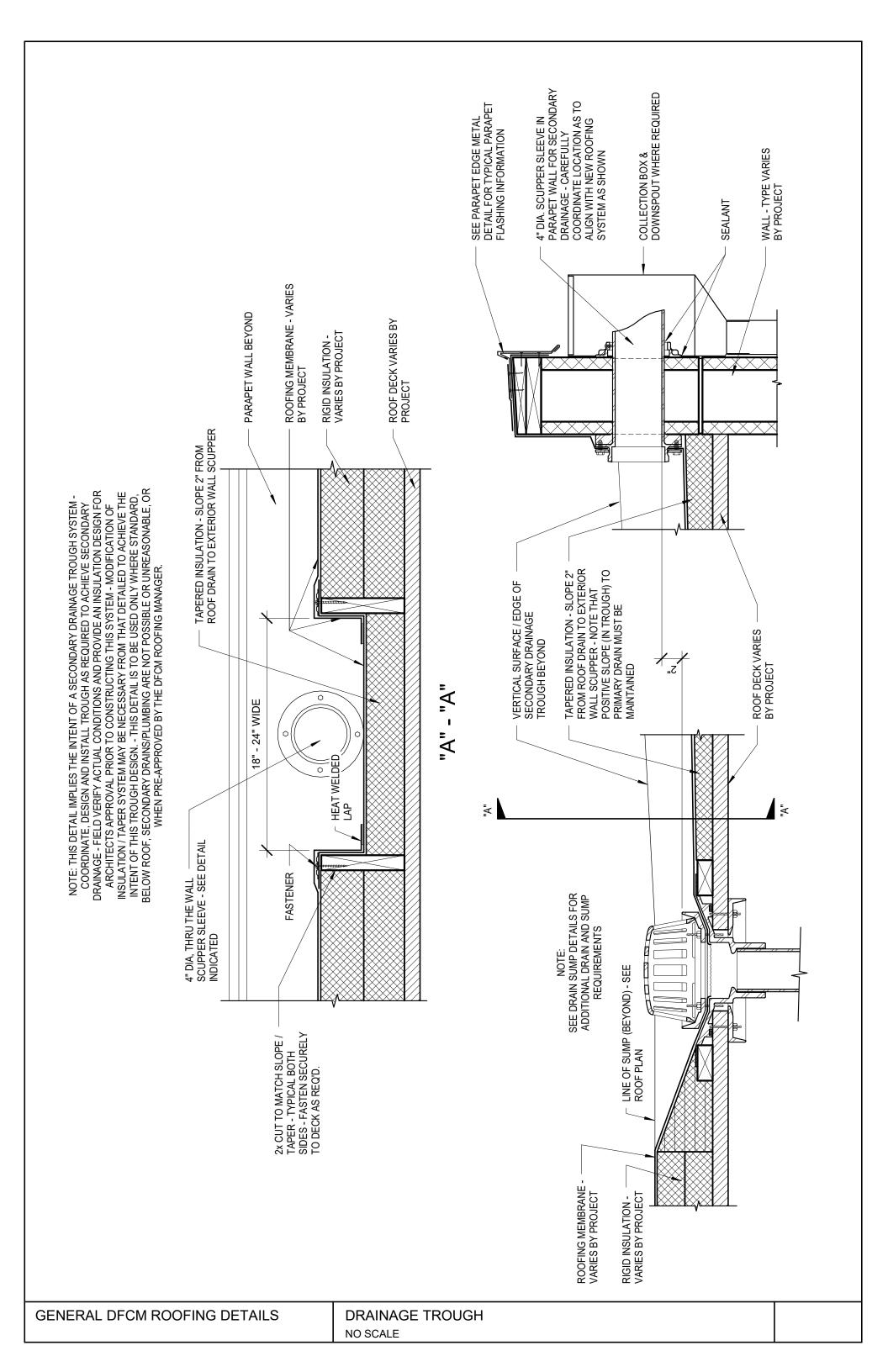
ANY EXTG. DRAIN LINES THAT ARE CLOGGED WITH DEBRIS, BALLAST, LEAVES ETC. SHALL BE CLEANED OUT AND ARE TO BE VERIFIED TO BE IN GOOD WORKING ORDER

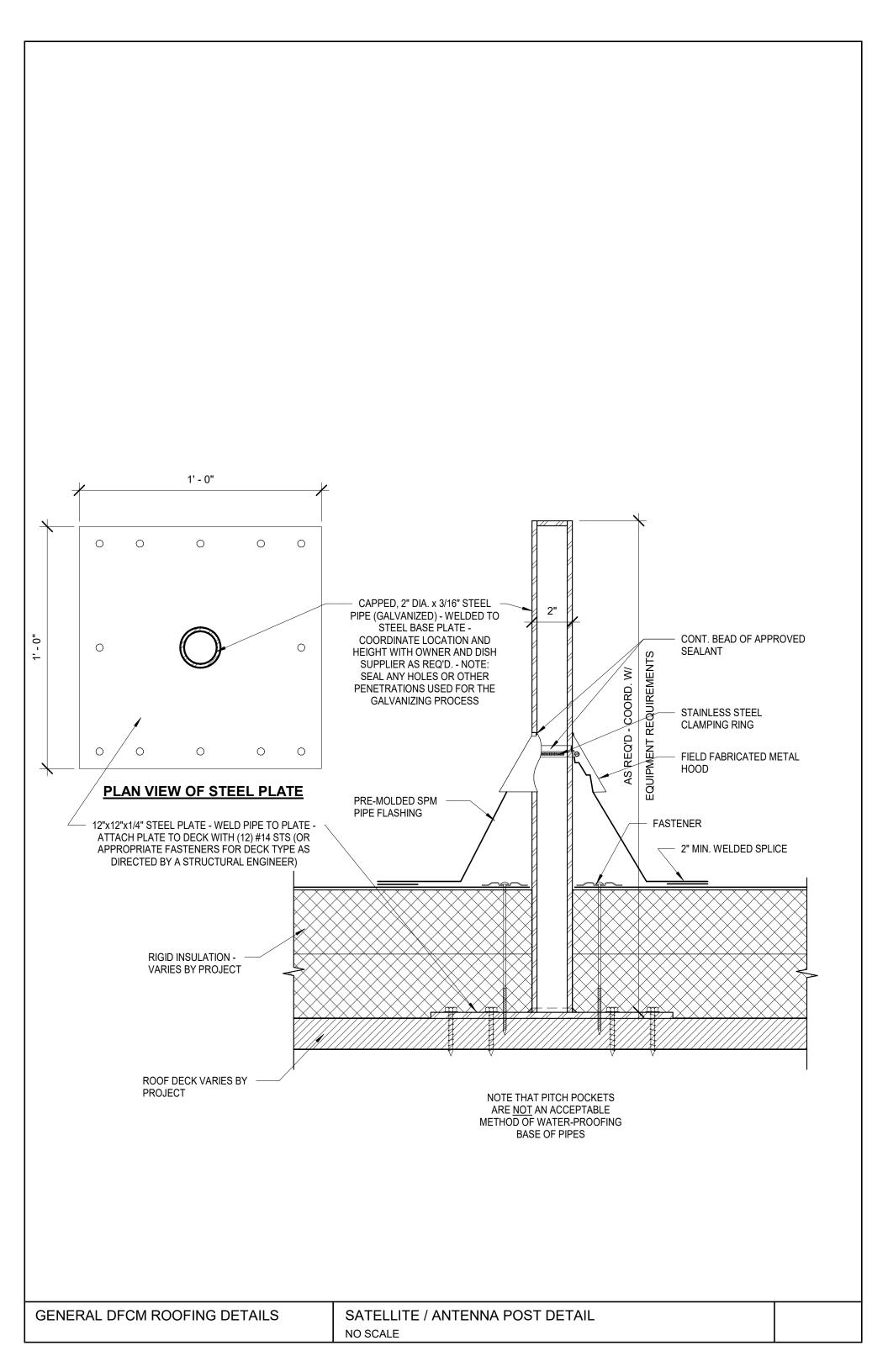
USE MANUFACTURER'S TAPERED INSULATION PANELS TO CREATE PRIMARY DRAIN SUMPS - NO HAND CUT INSULATION WILL BE ALLOWED

WHERE EXISTING PLASTIC DRAIN DOMES OCCUR, REPLACED WITH NEW CAST IRON DOMES









NOTE: THIS SIGN IS TO BE PROVIDED AND INSTALLED ON AN INTERIOR WALL NEAR ALL **ROOF ACCESS POINTS - IF INTERIOR** INSTALLATION IS NOT FEASIBLE, EXTERIOR APPLICATION NEAR AN OBVIOUS ACCESS LOCATION IS ACCEPTABLE 1' - 2"

CAUTION

THIS ROOF IS UNDER WARRANTY UNTIL (INSERT YEAR) WITH (INSERT MANUFACTURER). ALL ACCESS IS TO BE RESTRICTED WITHOUT FACILITIES MANGER'S PERMISSION & LOG ENTRY. REPAIR WORK, IF NECESSARY, SHOULD BE PERFORMED ONLY BY AN AUTHORIZED APPLICATOR. FOR LEAK REPAIRS, CONTACT (INSERT MANUFACTURER) @ (INSERT MANUFACTURER WARRANTY CLAIM **DEPARTMENT PHONE NUMBER)** AND PROVIDE THEM WITH WARRANTY NUMBER. QUESTIONS REGARDING THIS ROOF OR ANY POTENTIAL WORK PERTAINING TO THIS ROOF, PLEASE CONTACT BUILDING MANAGER @ **DFCMROOF@UTAH.GOV**

ROOFING CONTRACTOR:

WARRANTY #: WARRANTY TYPE: INSTALLATION DATE: MANUFACTURER'S

CONTRACTOR TELEPHONE #: **CONTRACTOR ADDRESS:** ADDRESS: **ROOF MEMBRANE TYPE:**

> IF MULTIPLE ROOF WARRANTIES OCCUR OR IF ROOFING PROJECT IS NOT FOR THE ENTIRE BUILDING, A SCREEN PRINTED (OR LASER ENGRAVED) ROOF PLAN TO BE PROVIDED IN THIS SPACE - THIS IS TO INDICATE THE LOCATIONS OF THE ROOFING PROJECT TO SHOW WHERE WARRANTIES APPLY - ARCHITECT SHALL SUPPLY PLAN DURING THE SUBMITTAL PHASE

USE APPROPRIATE **FASTENERS AT EACH CORNER FOR WALL** TYPE WHERE BEING INSTALLED

IF INTERIOR INSTALLATION OCCURS:

.060 ALUMINUM SIGN WITH UV INHIBITED, SCREEN PRINTED BACKGROUND, LETTERING AND GRAPHICS - PROVIDE WITH RADIUSED CORNERS AND NO SHARP EDGES

IF EXTERIOR INSTALLATION OCCURS:

.060 (DARK BRONZE) ALUMINUM SIGN WITH LASER ENGRAVED LETTERING AND **GRAPHICS - PROVIDE WITH** RADIUSED CORNERS AND NO SHARP EDGES

PROVIDE SUBMITTAL ON FINAL DESIGN OF SIGN -ALL FINAL VERBIAGE AND **GRAPHICS WILL BE DETERMINED DURING** THE SUBMITTAL PHASE