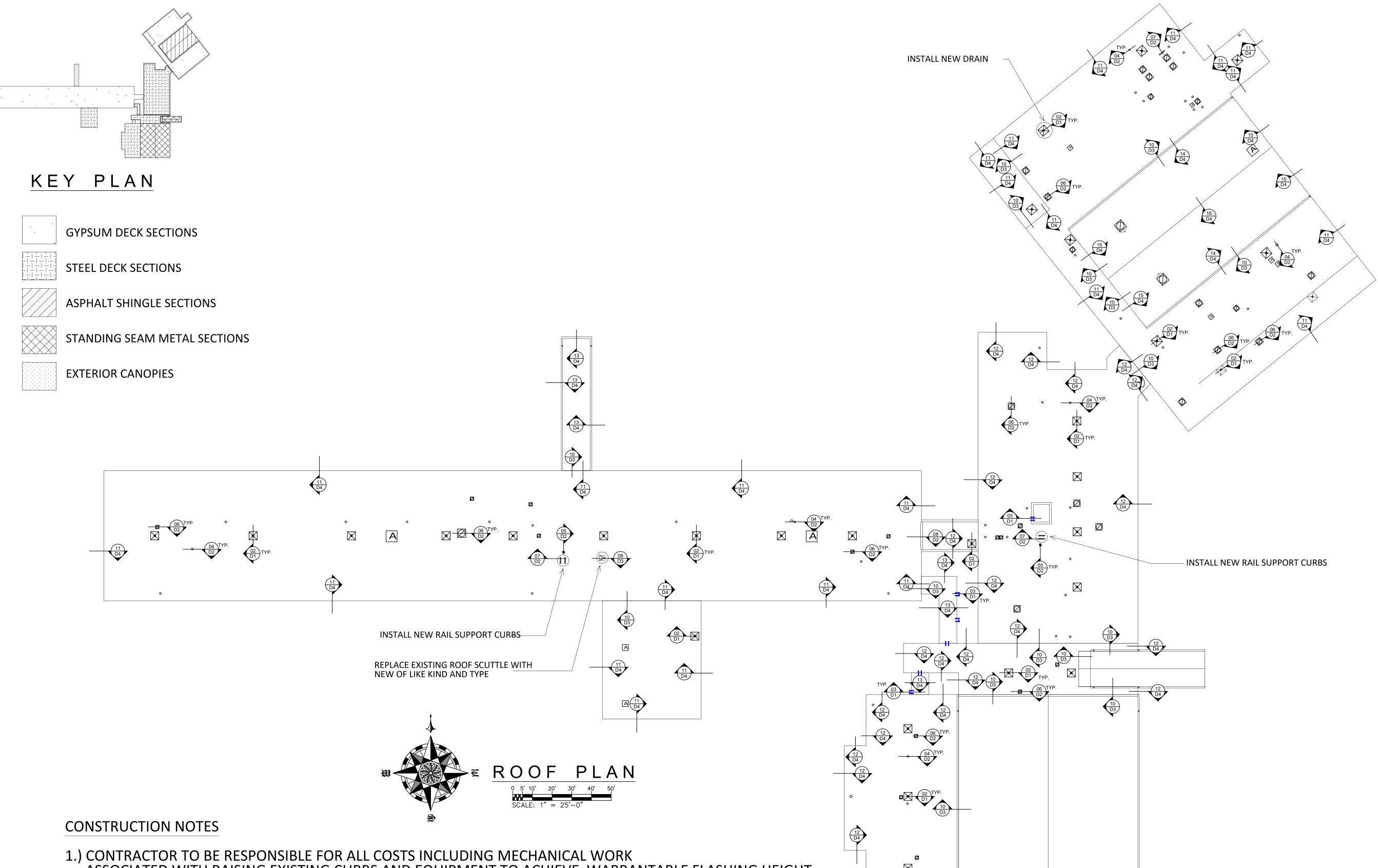
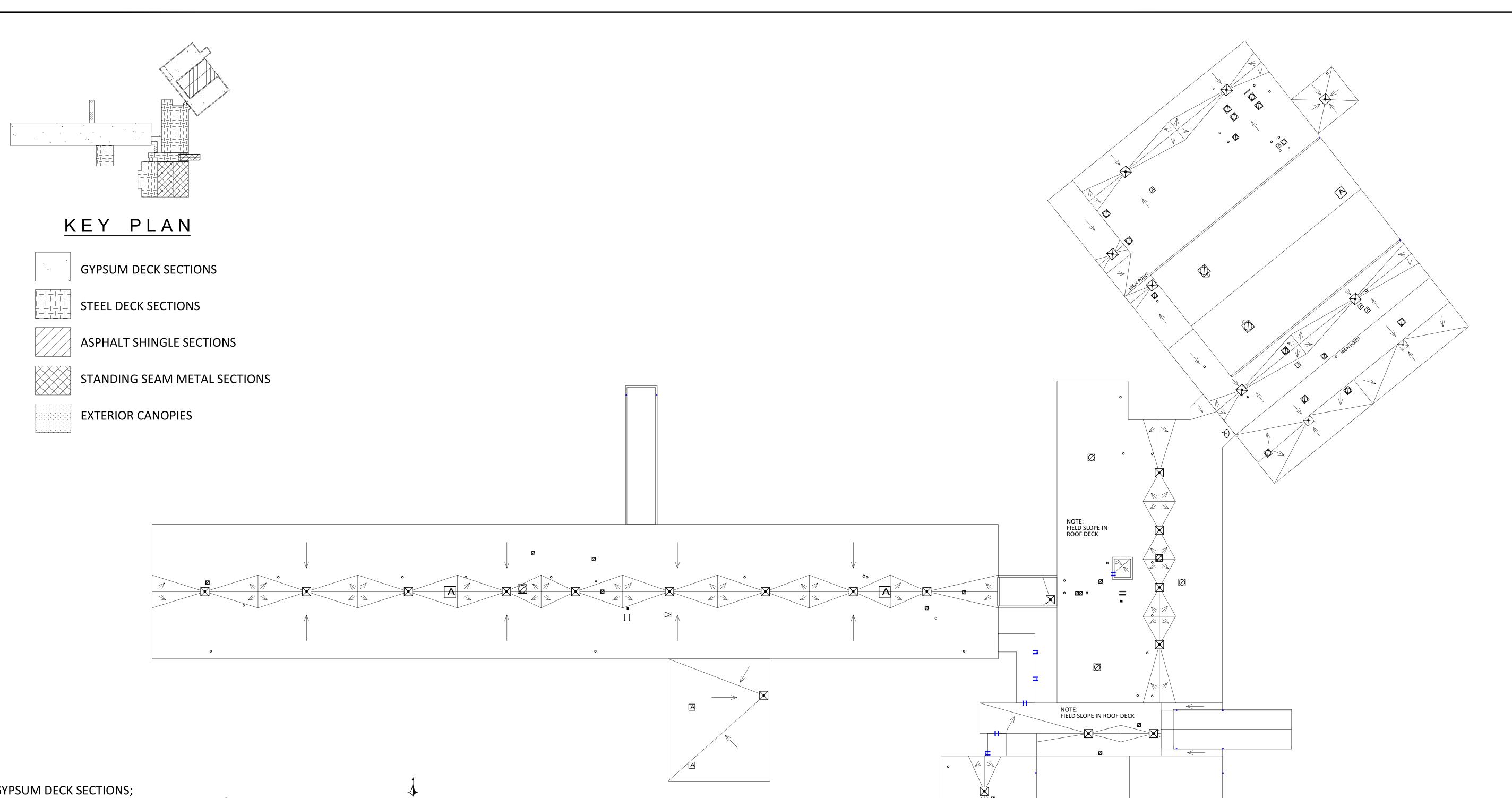
SYMBOL LEGEND PLUMBING VENT (SOIL STACK) EXHAUST FAN ROOF HATCH EXPANSION/ CONTROL JOINT PARAPET = EQUIPMENT SUPPORT ==== DETAIL No.



- 1.) CONTRACTOR TO BE RESPONSIBLE FOR ALL COSTS INCLUDING MECHANICAL WORK
 ASSOCIATED WITH RAISING EXISTING CURBS AND EQUIPMENT TO ACHIEVE WARRANTABLE FLASHING HEIGHT
- 2.) PROVIDE AND INSTALL NEW RAIL SUPPORT CURBS AT LOCATIONS SHOWN ON DRAWING SUPPORT EXISTING EQUIPMENT DURING INSTALLATION OF NEW CURBS
- 3.) PROVIDE AND INSTALL NEW 4" CAST IRON DRAIN AT LOCATION SHOWN ON DRAWING TIE INTO ADJACENT DRAIN PIPING
- 4.)PROVIDE AND INSTALL PROTECTIVE NEW WALKPADS UNDER SATELLITE DISHES AND AT ALL ROOF ACCESS POINTS
- 5.) CONSTRUCT CRICKETS BEHIND VENTILATORS ON SHINGLE ROOF SECTION



NOTE: FIELD SLOPE IN ROOF DECK

TAPERED INSULATION PLAN

GYPSUM DECK SECTIONS; FIELD TAPER INSULATION TO DRAINS AT 1/8" PER FOOT SLOPE CRICKETS, SADDLES AND BACKSLOPES TAPER INSULATION TO DRAINS AT 1/4" PER FOOT SLOPE

STEEL DECK SECTIONS; TAPER CRICKETS, SADDLES AND BACKSLOPES TO DRAINS INSULATION AT 1/2" PER FOOT SLOPE (FIELD SLOPE IS IN DECK)

EXTERIOR CANOPIES; NO TAPERED INSULATION

- 1.) BASE LAYER OF INSULATION ON GYPSUM AND STEEL DECKS TO BE 2-LAYERS OF 2.5" POLYISOCYANURATE INSULATION.
 2.) BASE LAYER OF INSULATION ON EXTERIOR CANOPIES TO BE 1-LAYER OF 1-1/2" POLYISOCYANURATE FOAM INSULATION.
 3.) PROVIDE TAPERED CRICKETS AT CURBS AND RAIL SUPPORTS AS REQUIRED TO FACILITATE DRAINAGE.
 4.) PROVIDE TAPERED INSULATION SLOPE IN SECTIONS AS IDENTIFIED ON KEYPLAN.
 5.) FIELD MODIFICATIONS AND ADJUSTMENTS OF TAPERED INSULATION MAY BE REQUIRED TO FACILITATE PROPER DRAINAGE.
 6.) INSTALL WOOD CRICKETS BEHIND VENTILATOR CURBS ON SHINGLE ROOF.

SYMBOL LEGEND

0	PLUMBING VENT (SOIL STACK)	A	ABANDONED	ROOF DRAIN
•	PITCH PANS		ROOF HATCH	EXHAUST FAN
	EQUIPMENT SUPPORT		EXPANSION/ CONTROL JOINT	PARAPET
Ф	SATELLITE DISH			

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NEW TAPERED (SEE DRAWING TP-1 FOR SLOPE AND LAYOUT) ISOCYANURATE INSULATION; ADHERE PER MANUFACTURER'S INSTALLATION REQUIREMENTS (SEE NOTE Nos. 2 AND 3) -NEW 60 mil PVC MEMBRANE; ADHERE PER MANUFACTURER'S INSTALLATION REQUIREMENTS (SEE NOTE No. 4) — NEW 1/2" GYPSUM COVERBOARD; ADHERE PER MANUFACTURER'S INSTALLATION REQUIREMENTS (SEE NOTE Nos. 2 AND 3) —CONTINUOUS HOT AIR WELD PER MANUFACTURER'S REQUIREMENTS NEW (2) LAYERS OF 2.5" ISOCYANURATE ROOF INSULATION; ADHERE PER MANUFACTURER'S INSTALLATION

REQUIREMENTS (SEE NOTE No. 3)

-NEW MANUFACTURER'S APPROVED BASE

SHEET; FASTEN TO DECK AS REQUIRED

NEW CONSTRUCTION PROFILE

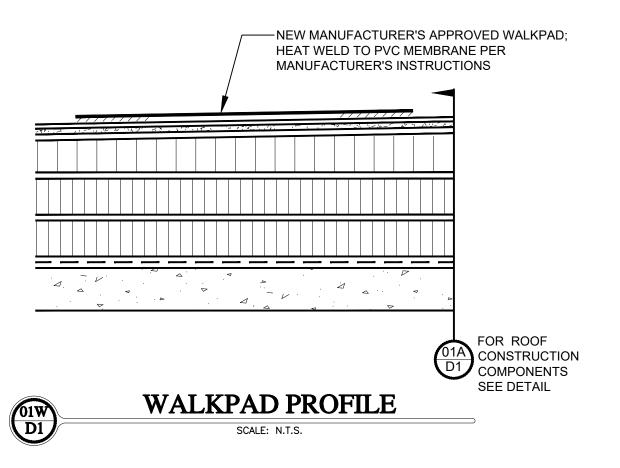
(SEE NOTE No. 1)

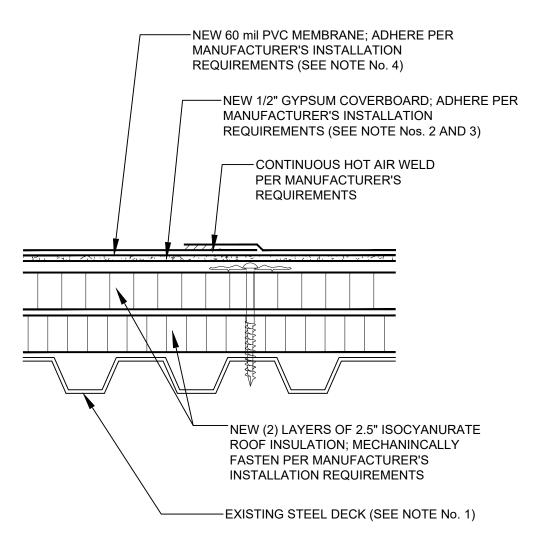
BY MANUFACTURER

-EXISTING GYPSUM DECK PER MANUFACTURER'S REQUIREMENTS

SCALE: N.T.S.

- 1.) REPORT ANY STRUCTURAL DAMAGE TO OWNER'S REPRESENTATIVE IMMEDIATELY.
- 2.) STAGGER BOARD JOINTS 12" MINIMUM
- 3.) PROVIDE BALLAST TO PROMOTE FULL ADHESION OF BOARD TO SUBSTRATE.
- 4.) LAP FIELD SHEETS TO PREVENT BACKWATER LAPS.

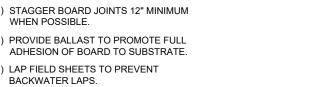


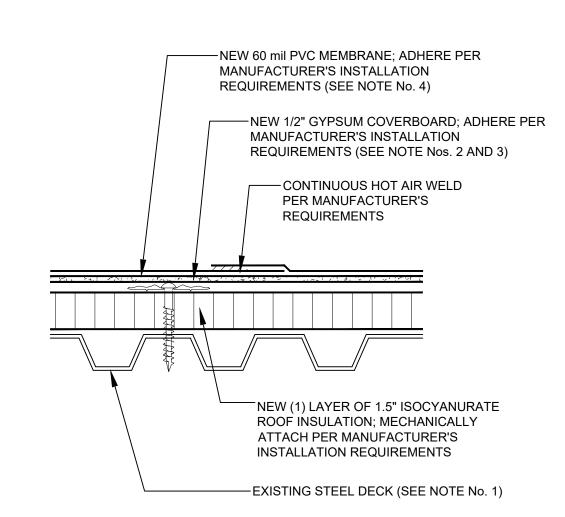


NEW CONSTRUCTION PROFILE AT STEEL DECKS

-EXISTING CAST IRON CLAMPING RING AND DRAIN BOWL

- 1.) REPORT ANY STRUCTURAL DAMAGE TO OWNER'S REPRESENTATIVE IMMEDIATELY
- 2.) STAGGER BOARD JOINTS 12" MINIMUM WHEN POSSIBLE.
- 3.) PROVIDE BALLAST TO PROMOTE FULL
- 4.) LAP FIELD SHEETS TO PREVENT



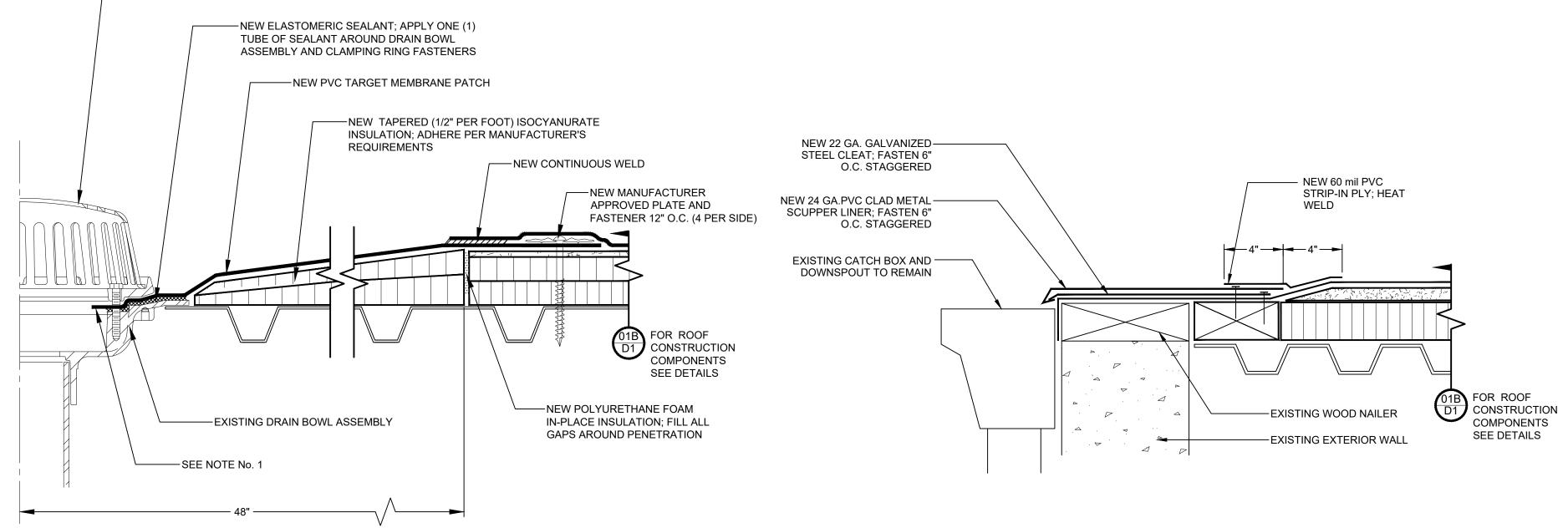


NEW CONSTRUCTION PROFILE AT ENTRANCE CANOPIES

SCALE: N.T.S.

BACKWATER LAPS.

- 1.) REPORT ANY STRUCTURAL DAMAGE TO OWNER'S REPRESENTATIVE IMMEDIATELY
- 2.) STAGGER BOARD JOINTS 12" MINIMUM
- 3.) PROVIDE BALLAST TO PROMOTE FULL
- ADHESION OF BOARD TO SUBSTRATE. 4.) LAP FIELD SHEETS TO PREVENT



DRAIN FLASHING - TYPICAL SCALE: N.T.S.

NOTES

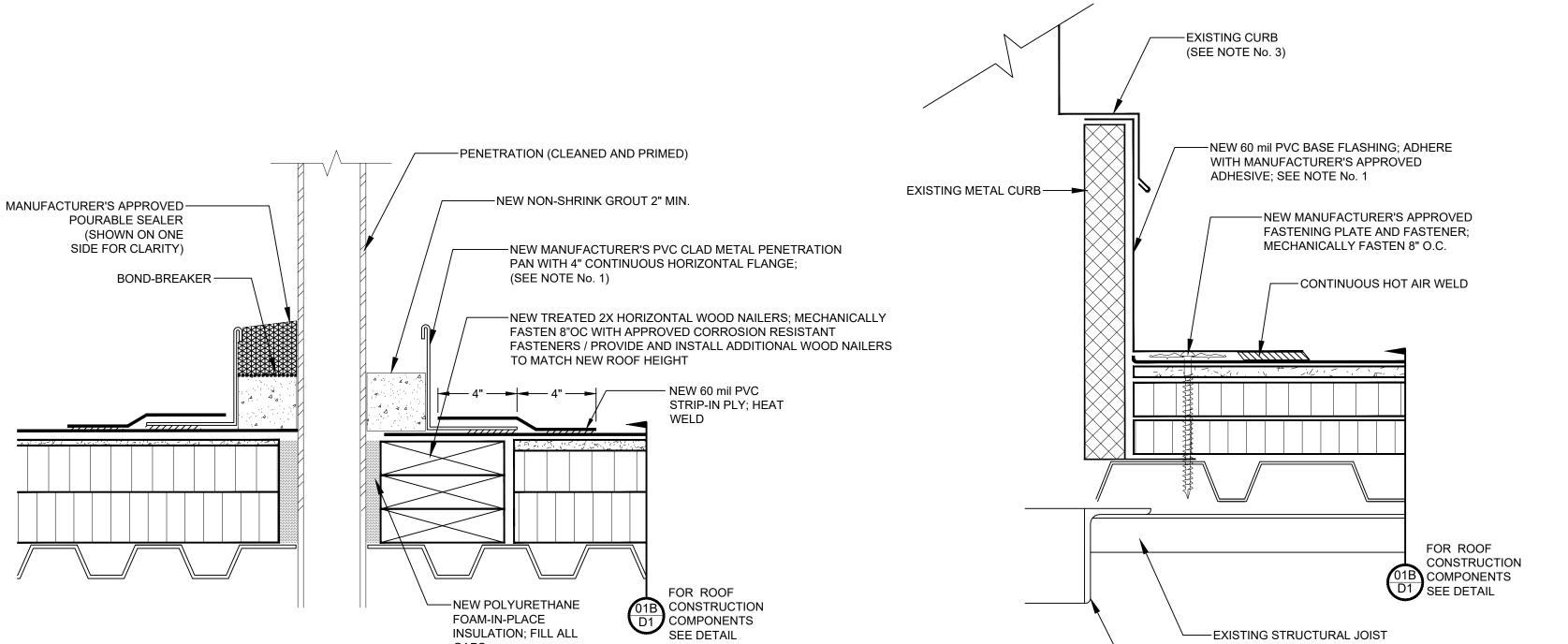
1.) EXTEND MEMBRANE UNDER CLAMPING RING MIN. 1" BEYOND DRAIN BOLTS.

EXTERIOR CANOPY SCUPPER

NOTES

1.) PROPERLY CLEAN ALL SURFACES BEFORE INSTALLING NEW MATERIALS. 2.) MATCH EXISTING SCUPPER LINER IN SIZE AND SHAPE.

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EXISTING STRUCTURAL JOIST

SQUARE CURB FLASHING

1.) EXTEND BASE FLASHING ONTO TOP OF

2.) CONTRACTOR SHALL INCLUDE IN

CONTRACT SUM ALL COSTS FOR

DISCONNECTING AND RECONNECTING MECHANICAL EQUIPMENT TO ALLOW FOR INSTALLATION OF NEW ROOF

3.) RAISE EXISTING CURBS TO A MINIMUM

NOTES

METAL CURB.

COMPONENTS.

FLASHING HEIGHT OF 8".

—EXISTING STEEL ANGLE FRAME

EXISTING PIPE PENETRATION -NEW MANUFACTURER'S APPROVED ELASTOMERIC SEALANT NEW STAINLESS STEEL DRAWBAND - NEW MANUFACTURER'S PRE-MOLDED BOOT FLASHING -NEW STAINLESS STEEL DRAWBAND -NEW MANUFACTURER'S APPROVED PLATE AND FASTENER (4) MIN. (WHERE REQUIRED) —HOT AIR WELD FOR ROOF CONSTRUCTION O1A D1 FOR ROOF CONSTRUCTION COMPONENTS SEE DETAIL -NEW POLYURETHANE FOAM IN-PLACE; FILL SEE DETAIL ALL GAPS AROUND PENETRATION

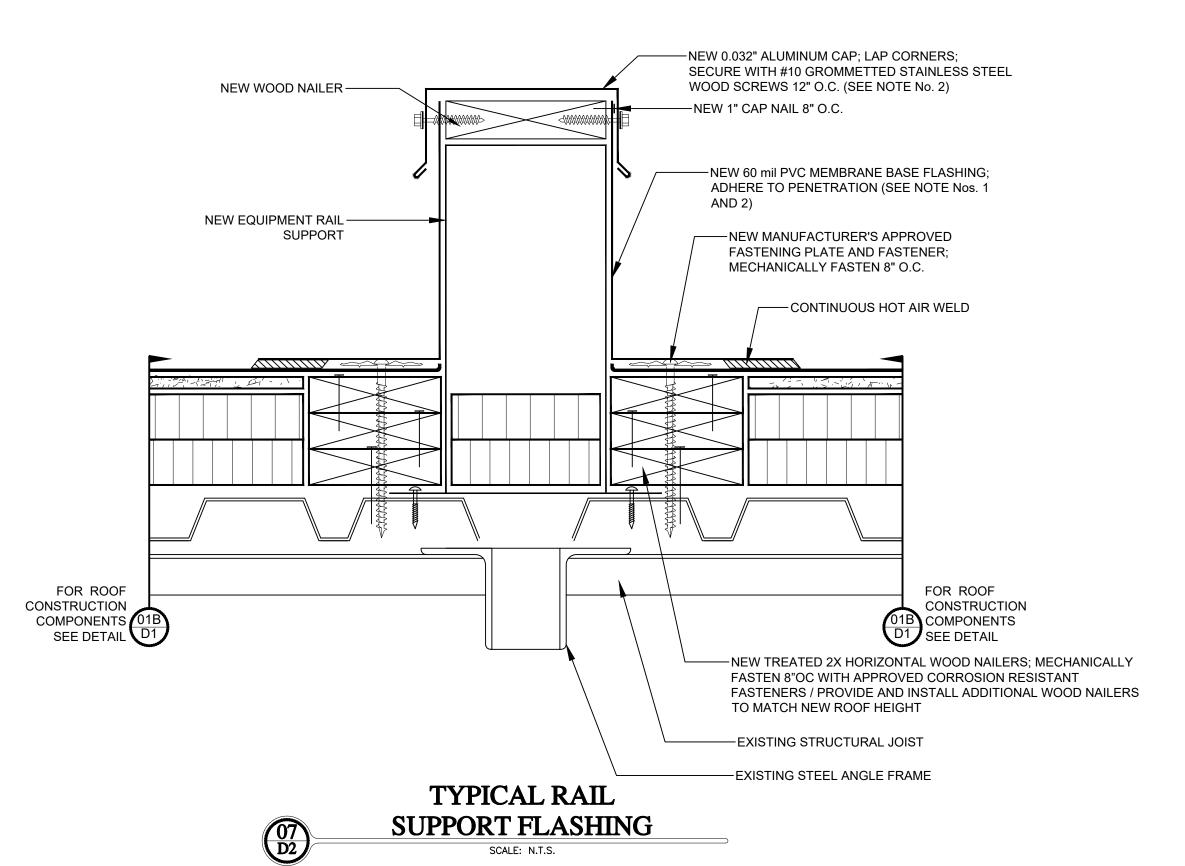
ROUND VENT FLASHING - TYP.

TYPICAL PENETRATION PAN FLASHING SCALE: N.T.S.

NOTES

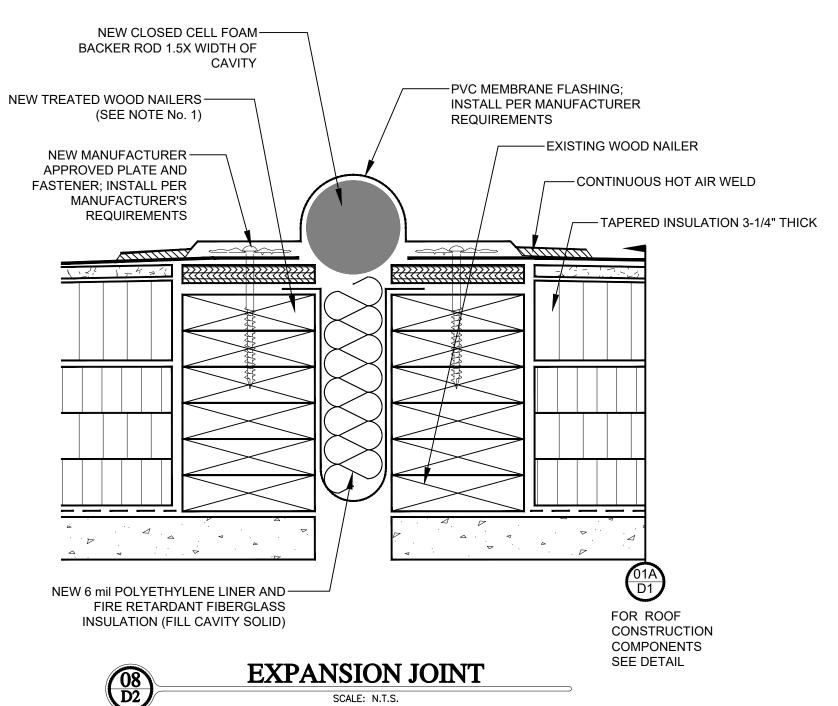
1.) CONTINUOUSLY HEAT WELD ALL JOINTS WATERTIGHT.

2.) PROVIDE AND INSTALL NEW 16oz. COPPER RAIN COLLAR (NOT SHOWN FOR CLARITY); SOLDER ALL JOINTS WATERTIGHT.



1.) CONTRACTOR SHALL INCLUDE IN CONTRACT SUM ALL

COSTS FOR DISCONNECTING AND RECONNECTING MECHANICAL EQUIPMENT TO ALLOW FOR INSTALLATION OF NEW ROOF COMPONENTS. 2.) PROVIDE AND INSTALL NEW WOOD NAILER SUPPORTS AT RAILS CURRENTLY MOUNTED ON ROOF SURFACE.

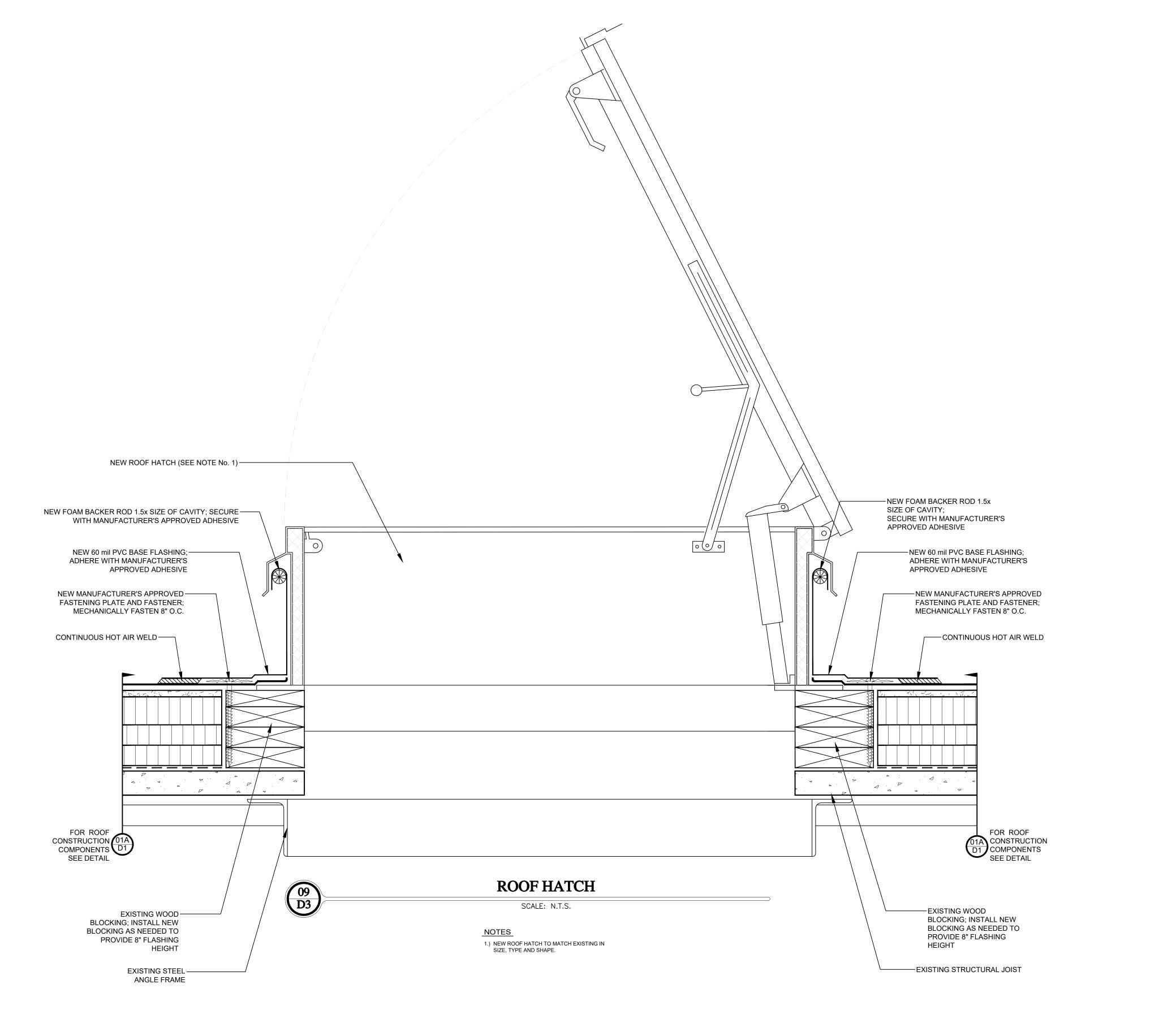


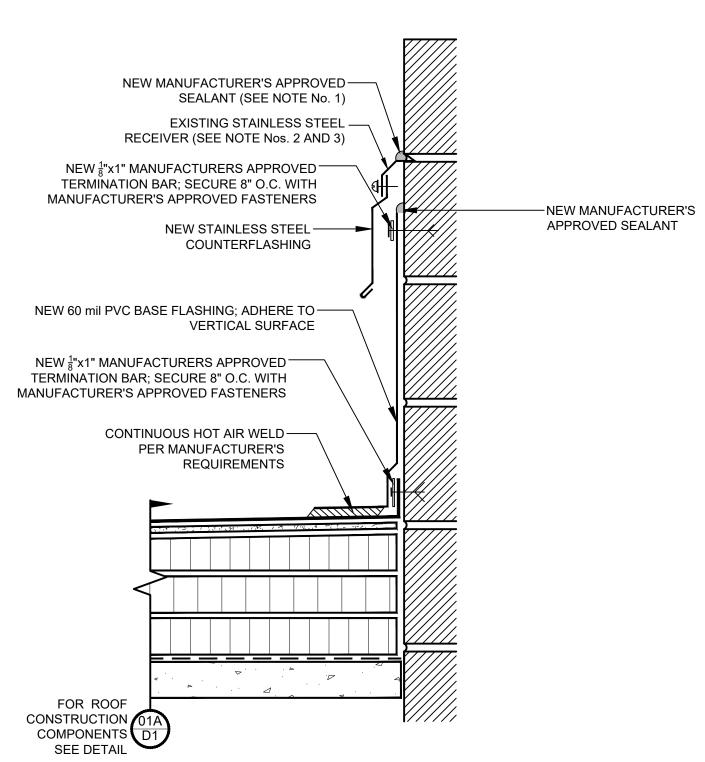
1.) PROVIDE AND INSTALL NEW ADDITIONAL

WOOD BLOCKING TO MATCH NEW ROOF



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TYP. PARAPET AND WALL FLASHING SCALE: N.T.S.

NOTES

1.) RAKE CLEAN EXISTING SEALANT.

2.) RESECURE EXISTING METAL; PROVIDE AND INSTALL NEW METAL AS NEEDED.

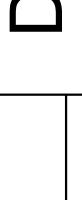
3.) PROVIDE AND INSTALL NEW FLASHING TO REPLACE DAMAGED FLASHING.

4.) ASSURE ALL EXISTING WALL WEEP OPENINGS ARE CLEAR.

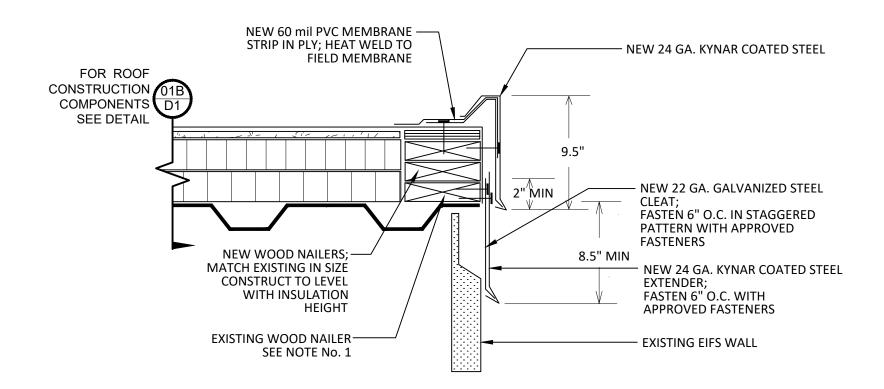
ROBERTSVILLE MIDDLE SCHO 244 ROBERTSVILLE RD., OAK RIDGE, 2019 ROOF REPLACEMENT

830





— NEW 24 GA. KYNAR COATED STEEL NEW 60 mil PVC MEMBRANE -METAL ERA PERMA-TITE SYSTEM 200 FASCIA; STRIP IN PLY; HEAT WELD TO FASTEN PER MANUFACTURER'S REQUIREMENTS FOR ROOF FIELD MEMBRANE CONSTRUCTION 01A COMPONENTS D1 SEE DETAIL - NEW 24 GA. KYNAR COATED STEEL FASTEN 6" O.C. WITH APPROVED FASTENERS NEW 22 GA. GALVANIZED STEEL FASTEN 6" O.C. IN STAGGERED PATTERN WITH APPROVED FASTENERS NEW KNEE WALL; CONSTRUCT — FROM VERTICAL 2X6 LUMBER STUDS 16" O.C. WITH WITH 3/4" CDX PLYWOOD FRONT AND BACK; INSTALL CONTINUOUS 2X6 NAILER TOP PLATE EXISTING WOOD NAILER -SEE NOTE No. 1



NEW 60 mil PVC MEMBRANE — STRIP IN PLY; HEAT WELD TO NEW 24 GA PVC CLAD EDGE METAL; FASTEN 6" O.C. WITH FIELD MEMBRANE APPROVED FASTENERS NEW 22 GA GALVANIZED CLEAT; NAIL 6' O.C. WITH APPROVED FASTENERS FOR ROOF CONSTRUCTION COMPONENTS SEE DETAIL SEE DETAIL NEW 1/2" CDX PLYWOOD — NAILER; FASTEN 12" O.C. IN STAGGÉRED PATTERN WITH APPROVED FASTENERS EXISTING WOOD NAILER— TO REMAIN

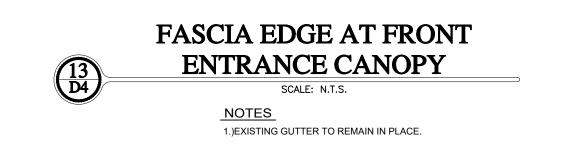
TYP. FASCIA EDGE AT **GYPSUM DECK SECTIONS**

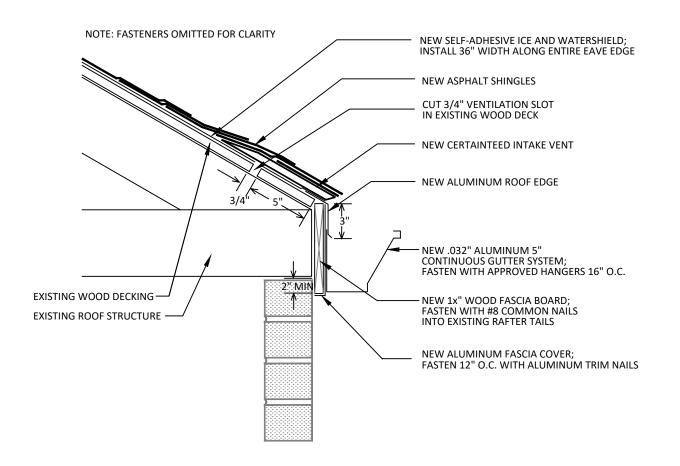
SCALE: N.T.S.

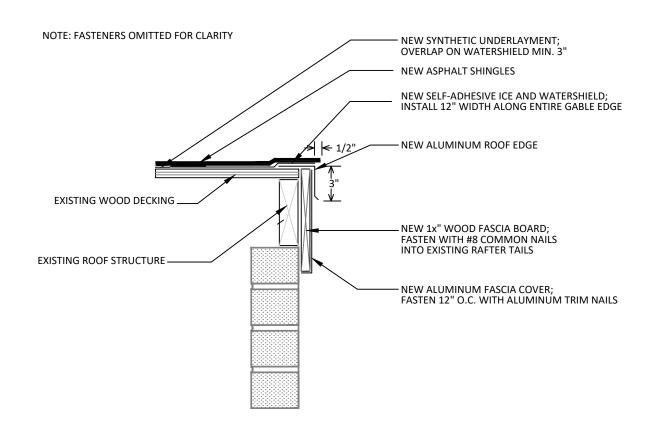
1.) ASSURE THAT EXISTING WOOD NAILER IS SECURELY ATTACHED THE EXISTING STRUCTURE IN ACCORDANCE WITH FM 1-49 REQUIREMENTS.



1.) ASSURE THAT EXISTING WOOD NAILER IS SECURELY ATTACHED THE EXISTING STRUCTURE IN ACCORDANCE WITH FM 1-49 REQUIREMENTS.





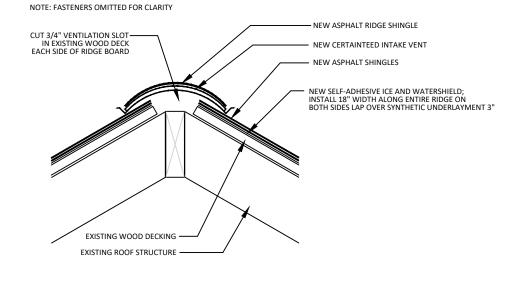


SHINGLE ROOF EAVE EDGE

SCALE: N.T.S.

1.) INSTALL ALL ROOFING COMPONENTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. 2.) SLOPE GUTTER TO DRAIN TO EAST END. 3.) EXTEND NEW DOWNSPOUTS TO GROUND LEVEL.





SHINGLE ROOF RIDGE VENT

1.) INSTALL ALL ROOFING COMPONENTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.