

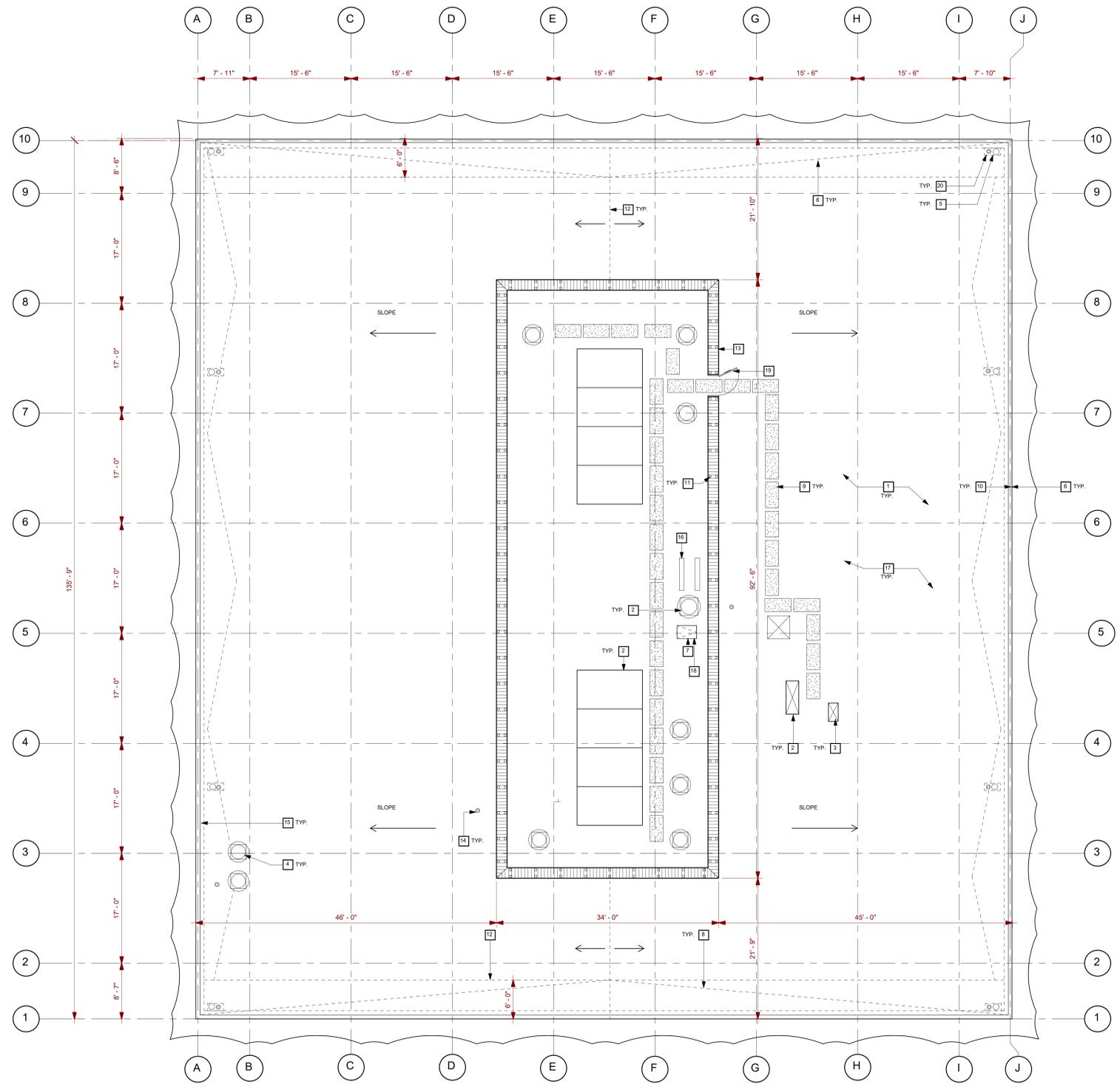
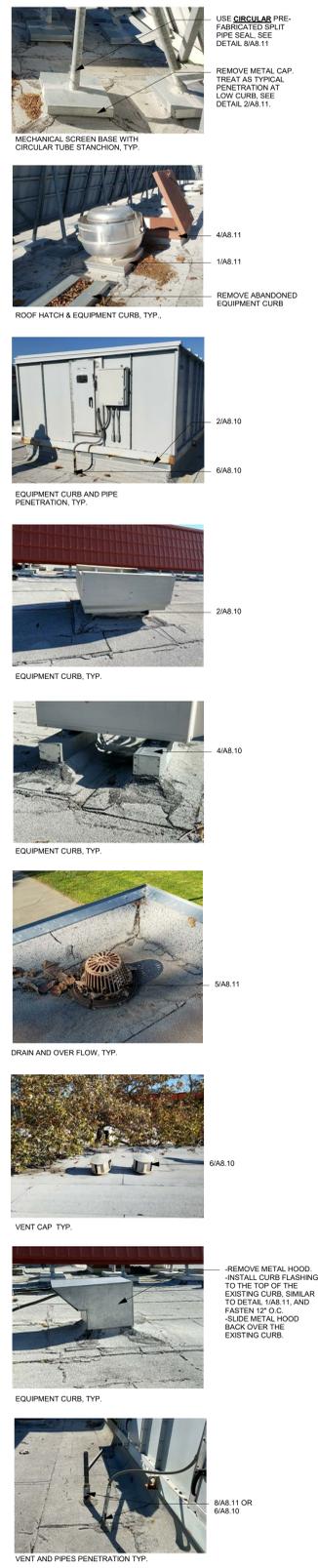


**GENERAL SHEET NOTES**

- A ALL EXISTING EQUIPMENT ON ROOF TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EQUIPMENT, UTILITY LINES AND OTHER DEVICES EXISTING ON THE ROOF.
- B ALL EXPOSED SHEET METAL SHALL BE KYNAR COATED ALUMINUM.
- D CONTRACTOR IS REQUIRED TO NOTIFY THE OWNER, ITS REPRESENTATIVE & THE ARCHITECT PRIOR TO DISCONNECTING ANY EXISTING EQUIPMENT AND/OR UTILITY LINES. PROVIDE MINIMUM OF 48-HOUR WRITTEN NOTICE PRIOR TO DISCONNECTING.
- E IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNER, OWNERS REPRESENTATIVE & ARCHITECT OF ANY EXISTING DEFICIENCIES SUCH AS MOLD, DRY ROT ETC. STRUCTURAL DEFICIENCIES IN EXISTING STRUCTURE REVEALED DURING THE DEMOLITION PHASE WILL NEED TO BE ADDRESSED BY THE STRUCTURAL ENGINEER AND MAY REQUIRE APPROVAL OF DIVISION OF STATE ARCHITECT (DSA). IN SUCH CASES, CONTRACTOR IS REQUIRED TO PROCEED WITH THAT PORTION OF WORK ONLY AFTER WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER AND/OR DSA. THIS DETERMINATION WILL BE MADE BY THE ARCHITECT AND ITS ENGINEER AND THE CONTRACTOR WILL BE PROVIDED A WRITTEN DIRECTIVE ON REMEDYING THE DEFICIENCY. ANY WORK CARRIED OUT PRIOR TO OR WITHOUT APPROVAL OF ENGINEER OR DSA (AS CASE MAY BE), WILL BE AT RISK. THE OWNER, ITS REPRESENTATIVE AND THE ARCHITECT (AND ITS ENGINEER) WILL NOT BE RESPONSIBLE FOR ANY COSTS INCURRED FOR NON-COMPLIANT WORK CARRIED OUT WITHOUT THE EXPRESS APPROVAL OF THE ENGINEER OR DSA.
- F REMOVE EXISTING BUILT UP ROOF TO EXISTING SLOPED PLYWOOD SHEATHINGS. CLEAN ROOF AND REMOVE ANY DEBRIS, NAILS AND OTHER APPURTENANCES PRIOR TO INSTALLING NEW ROOF.
- G CONTRACTOR IS REQUIRED TO VERIFY ALL DIMENSIONS, EXISTING EQUIPMENT AND CONDITIONS ON THE ROOF.
- H EXISTING TILE ROOF MANSARD TO REMAIN
- I ALL EXISTING PIPING, CONDUITS, OR STRUCTURAL PENETRATIONS THROUGH ROOF ARE TO BE FLASHED PER NATIONAL ROOFING CONTRACTORS ASSOCIATION STANDARD DETAILS.
- J ROOF CRICKETS, WHERE INDICATED, SHALL BE PROVIDED AS REQUIRED TO ENSURE A MINIMUM 1/4" PER FOOT VALLEY SLOPE. COORDINATE LOCATIONS OF CRICKETS WITH ROOFTOP EQUIPMENT.
- K ALL TAPERED CRICKETS TO BE NEW.
- L SIZE OF MECHANICAL EQUIPMENT PADS ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY REQUIRED PAD DIMENSION WITH EQUIPMENT MANUFACTURER.
- M CONTRACTOR IS RESPONSIBLE FOR STAGING, FENCING AND SECURITY OF ALL MATERIALS AND EQUIPMENT.
- N PROVIDE PRECAST CONCRETE SPLASH BLOCK AT ALL EXISTING AND NEW DOWNSPOUT THAT ARE DAYLIGHTED TO PAVEMENT AND LANDSCAPED AREAS. SPLASH BLOCKS TO SLOPE AWAY FROM BUILDING. AVOID PLACEMENT OF SPLASH BLOCKS WHERE IT DIRECTLY INTERFERES WITH PATH OF TRAVEL OR POSSES HAZARD. SPLASH BLOCKS TO HAVE MINIMUM DIMENSION OF 20" L X 12" W X 3" H. PROVIDE CUT SHEETS AND SAMPLE OF SPLASH BLOCK AS PART OF SUBMITTAL PROCESS.
- O WHENEVER POSSIBLE, REUSE BLOCKING AT MECHANICAL EQUIPMENT CURBS. REPLACE BLOCKING IN KIND WHEN TOO DAMAGED TO REUSE.

**ROOF PLAN KEYNOTES**

- 1 REMOVE (E) BUILT-UP ROOF ASSEMBLY DOWN TO (E) STRUCTURAL DECKING, TYP. THROUGHOUT
- 2 (E) CURB MOUNTED EQUIPMENT TO REMAIN. VERIFY QUANTITY IN THE FIELD. REFER TO DETAIL PER TYPE OF EQUIPMENT. SEE PHOTOS OF EXISTING TYPE OF EQUIPMENT ON THE PLAN.
- 3 (E) ROOF MOUNTED EQUIPMENT TO REMAIN. PROTECT IN PLACE. TYP.
- 4 REPLACE TO MATCH (E) DURAVENT HIGH WIND CAP. PROVIDE ALL NECESSARY VENT EXTENSION TO ALLOW FOR NEW ROOFING FLASH PER DETAIL 5/A8.10.
- 5 NEW COMBINATION ROOF DRAIN WITH OVERFLOW. TYP. VERIFY QUANTITY IN THE FIELD. THERE ARE NO (E) OVERFLOW ON BUILDING 700. INSTALL PER DETAIL 5/A8.11. PROTECT DURING CONSTRUCTION & FLUSH AT COMPLETION OF WORK.
- 6 EDGE OF CONCRETE TILE ROOF BELOW. CLEAN TILE
- 7 PROVIDE NEW STEEL LADDER UP SAFETY POST. BILCO LU-1 OR EQUAL. INSTALL PER MANUFACTURER'S REQUIREMENTS
- 8 SLOPED PLYWOOD CRICKET, TYP. MIN. 1/4" SLOPE TOWARDS DRAIN & RIDGE MIN. 2" ABOVE DRAIN RIM, V.I.F.
- 9 WALKING PADS, TYP. LOCATE AS SHOWN. APPLY PER MFR'S INSTRUCTIONS
- 10 FASCIA CAP, TYP. DETAIL 1/A8.10
- 11 (E) MECHANICAL SCREEN STANCHIONS, TYPICAL OF 128. VERIFY QUANTITY IN THE FIELD. FLASH WITH PREFABRICATED CIRCULAR TUBE WRAP AT LOW CURB PER DETAIL 2/A8.11 AND 8/A8.11.
- 12 (E) RIDGE
- 13 (E) MECHANICAL SCREEN TO REMAIN, TYP.
- 14 (E) PLUMBING VENT, VERIFY QUANTITY IN THE FIELD. REFER TO DETAIL 8/A8.11, 6/A8.10 AND 9/A8.10.
- 15 TRIM TREE BRANCHES OVER-EXTENDING ON THE ROOF WHERE IT OCCURS, MIN. 3'-0" AWAY FROM THE STRUCTURE.
- 16 REMOVE ABANDONED EQUIPMENT CURB.
- 17 FULLY ADHERE 80 MIL. TPO ROOFING SYSTEM ON COVERBOARD, TYP. THROUGHOUT.
- 18 (E) ROOF HATCH TO REMAIN. FLASH PER DETAIL 4/A8.11
- 19 (E) MECHANICAL SCREEN DOOR TO REMAIN
- 20 DEMO (E) ROOF DECK AT DRAIN AND OVERFLOW LOCATIONS. FRAME FOR NEW SUMPS, TYP. SEE DETAIL 5/A8.11.



**2 PROPOSED ROOF PLAN 700**  
SCALE: 1/8" = 1'-0"

PROJECT  
**BUILDING 700 & 800**  
ROOFING  
REPLACEMENT  
PROJECT

SOLANO COMMUNITY  
COLLEGE DISTRICT

CONSULTANT

STAMP

STATE

REVISIONS

| No. | Description | Date |
|-----|-------------|------|
| △   |             |      |

MILESTONES

- SD
- DD
- 50% CD
- 90% CD

SHEET

**ROOF PLAN**  
**BUILDING 700**

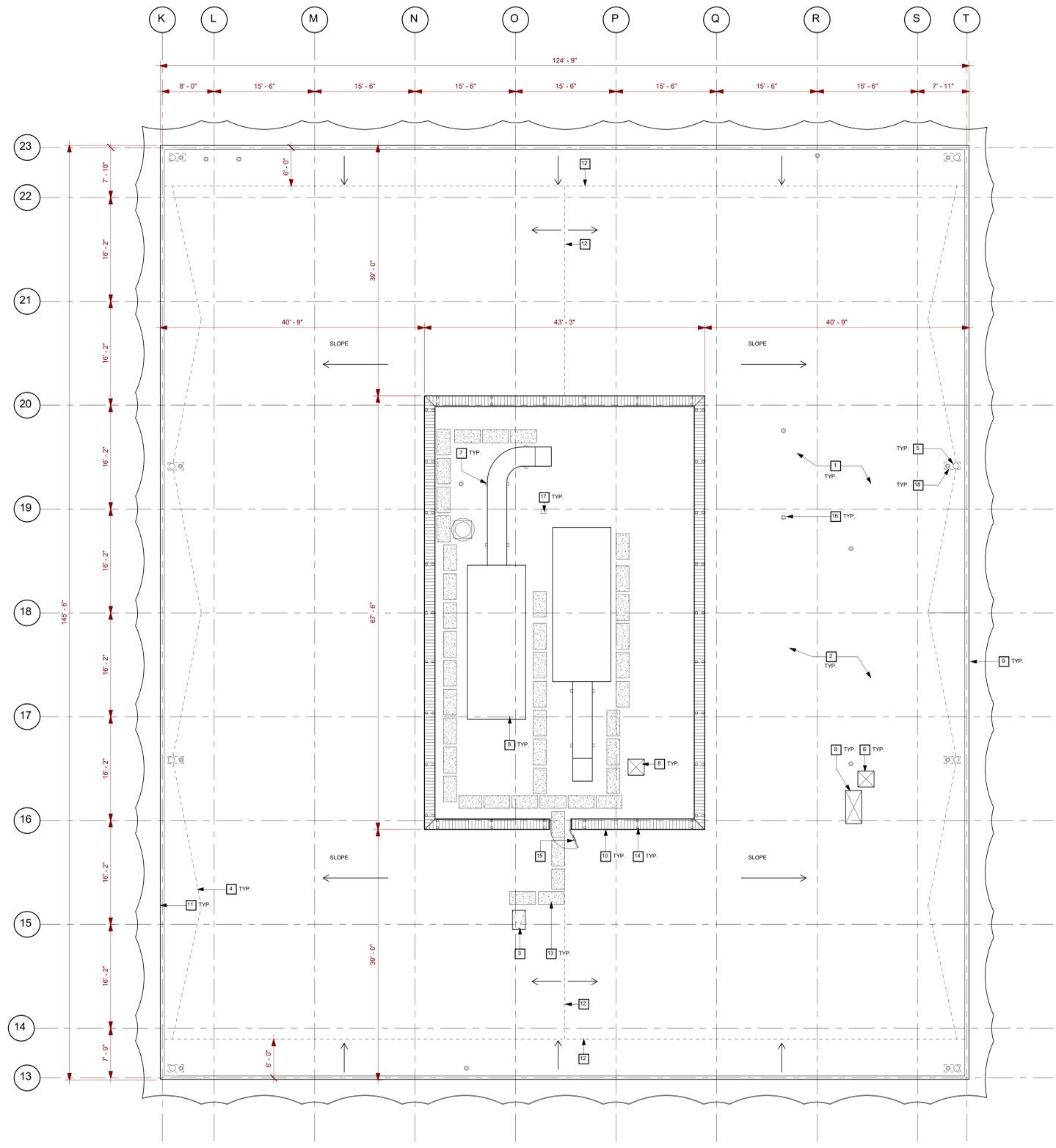
DATE: 03/16/22  
JOB #: 2021031  
SHEET #: **A5.01**

**GENERAL SHEET NOTES**

- A ALL EXISTING EQUIPMENT ON ROOF TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EQUIPMENT, UTILITY LINES AND OTHER DEVICES EXISTING ON THE ROOF.
- B ALL EXPOSED SHEET METAL SHALL BE KYNAR COATED ALUMINUM.
- D CONTRACTOR IS REQUIRED TO NOTIFY THE OWNER, ITS REPRESENTATIVE & THE ARCHITECT PRIOR TO DISCONNECTING ANY EXISTING EQUIPMENT AND/OR UTILITY LINES. PROVIDE MINIMUM OF 48-HOUR WRITTEN NOTICE PRIOR TO DISCONNECTING.
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- F REMOVE EXISTING BUILT UP ROOF TO EXISTING SLOPED PLYWOOD SHEATHING. CLEAN ROOF AND REMOVE ANY DEBRIS, NAILS AND OTHER APPURTENANCES PRIOR TO INSTALLING NEW ROOF.
- G CONTRACTOR IS REQUIRED TO VERIFY ALL DIMENSIONS, EXISTING EQUIPMENT AND CONDITIONS ON THE ROOF.
- H EXISTING TILE ROOF MANSARD TO REMAIN
- I ALL EXISTING PIPING, CONDUITS, OR STRUCTURAL PENETRATIONS THROUGH ROOF ARE TO BE FLASHED PER NATIONAL ROOFING CONTRACTORS ASSOCIATION STANDARD DETAILS.
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- O WHENEVER POSSIBLE, REUSE BLOCKING AT MECHANICAL EQUIPMENT CURBS. REPLACE BLOCKING IN KIND WHEN TOO DAMAGED TO REUSE.

**ROOF PLAN KEYNOTES**

- 1 REMOVE (E) BUILT-UP ROOF ASSEMBLY DOWN TO (E) STRUCTURAL DECKING, TYP. THROUGHOUT FULLY ADHERE 80 MIL. TPO ROOFING SYSTEM ON COVERBOARD, TYP. THROUGHOUT.
- 2 (E) ROOF HATCH TO REMAIN. FLASH PER DETAIL 4/A8.11
- 3 SLOPED PLYWOOD CRICKET, TYP. MIN. 1/4" SLOPE TOWARDS DRAIN & RIDGE MIN. 2" ABOVE DRAIN RIM, V.I.F.
- 4 NEW COMBINATION ROOF DRAIN WITH OVERFLOW, TYP. VERIFY QUANTITY IN THE FIELD. SEE DETAIL 5/A8.11. PROTECT DURING CONSTRUCTION & FLASH AT COMPLETION OF WORK
- 5 (E) ROOF MOUNTED EQUIPMENT TO REMAIN. PROTECT IN PLACE, TYP.
- 6 (E) CURB MOUNTED EQUIPMENT WITH LEGS TO REMAIN. VERIFY QUANTITY IN THE FIELD. REFER TO DETAIL 4/A8.10
- 7 (E) CURB MOUNTED EQUIPMENT TO REMAIN. VERIFY QUANTITY IN THE FIELD. REFER TO DETAIL PER TYPE OF EQUIPMENT, SEE PHOTOS OF EXISTING TYPE OF EQUIPMENT ON THE PLAN.
- 8 EDGE OF CONCRETE TILE ROOF BELOW, CLEAN TILE
- 9 (E) MECHANICAL SCREEN TO REMAIN, TYP.
- 10 FASCIA CAP, TYP. DETAIL 1/A8.10
- 11 (E) RIDGE
- 12 WALKING PADS, TYP. LOCATE AS SHOWN. APPLY PER MFR'S INSTRUCTIONS
- 13 (E) MECHANICAL SCREEN STANCHIONS, TYPICAL OF 60. VERIFY QUANTITY IN THE FIELD. FLASH WITH CUSTOM PREFABRICATED SQUARE TUBE SPLIT WRAP PER DETAIL 3/A8.11.
- 14 (E) MECHANICAL SCREEN DOOR TO REMAIN.
- 15 (E) PLUMBING VENT, VERIFY QUANTITY IN THE FIELD. REFER TO DETAIL 6/A8.11, 6/A8.10 AND 9/A8.10.
- 16 (E) ELECTRICAL OUTLET TO REMAIN, SIM TO DETAIL 6/A8.10
- 17 DEMO (E) ROOF DECK AT DRAIN AND OVERFLOW LOCATIONS. FRAME FOR NEW SUMPS, TYP. SEE DETAIL 5/A8.11.
- 18



PROJECT  
**BUILDING 700 & 800 ROOFING REPLACEMENT PROJECT**

SOLANO COMMUNITY COLLEGE DISTRICT

CONSULTANT

STAMP

STATE

REVISIONS

| No. | Description | Date |
|-----|-------------|------|
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MILESTONES

- SD
- DD
- 50% CD
- 90% CD

SHEET

**ROOF PLAN BUILDING 800**

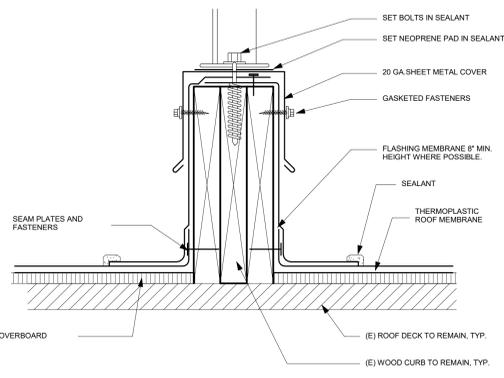
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JOB #: 2021031

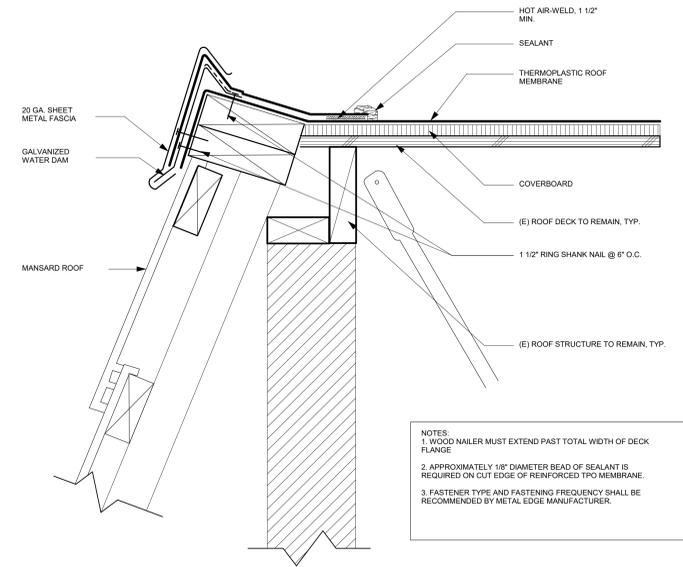
SHEET # **A5.02**

**2 PROPOSED ROOF PLAN 800**  
 SCALE: 1/8" = 1'-0"

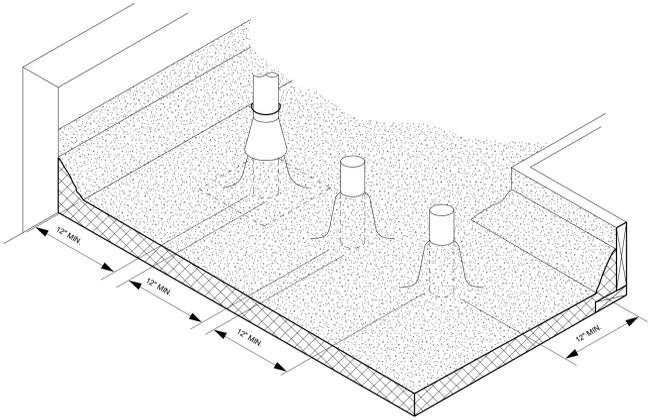




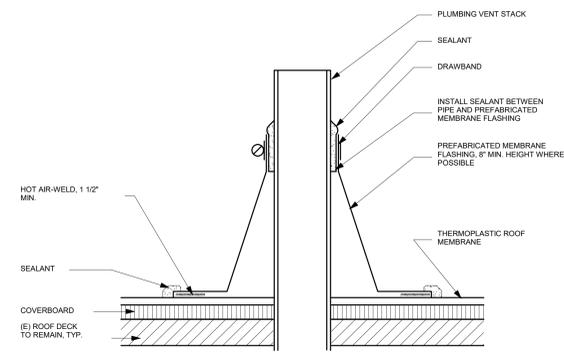
**4 EQUIPMENT SUPPORT CURB, REFERENCE TO NRCA TP-9S**  
NO SCALE



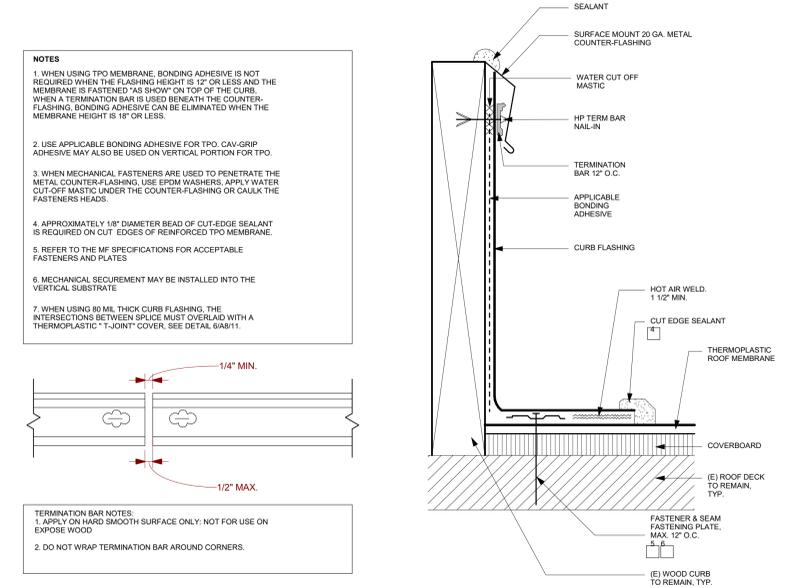
**1 EMBEDDED EDGE METAL FLASHING DETAIL**  
NO SCALE



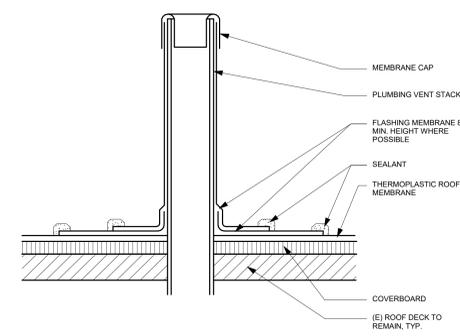
**9 CLEARANCE BETWEEN PIPES**  
NO SCALE 0"



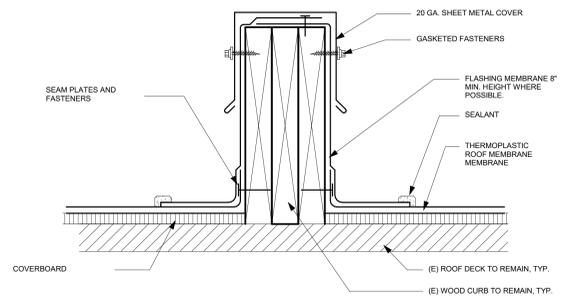
**5 PLUMBING VENT (PREMANUFACTURED BOOT), SIMILAR TO NRCA TP-18AS**  
NO SCALE



**2 CURB TERMINATION DETAIL W/ SURFACE MOUNT COUNTER FLASHING**  
NO SCALE



**6 PLUMBING VENT (FIELD WRAP), REFERENCE TO NRCA TP-18S**  
NO SCALE



**3 EQUIPMENT SUPPORT CURB REFERENCE TO NRCA TP-8**  
NO SCALE

PROJECT  
**BUILDING 700 & 800  
ROOFING  
REPLACEMENT  
PROJECT**

SOLANO COMMUNITY  
COLLEGE DISTRICT

CONSULTANT

STAMP

STATE

REVISIONS

| No. | Description | Date |
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| 1   |             |      |

MILESTONES  
SD  
DD  
50% CD  
90% CD

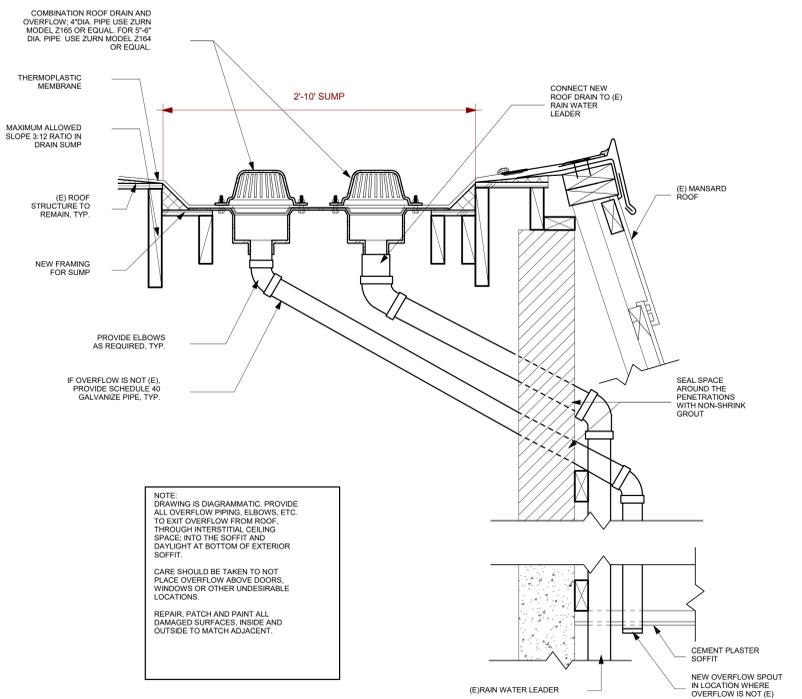
SHEET  
**EXTERIOR  
DETAILS**

DATE 03/16/22

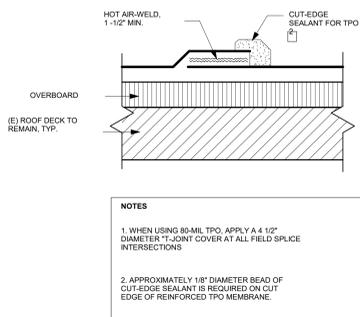
JOB # 2021031

SHEET #

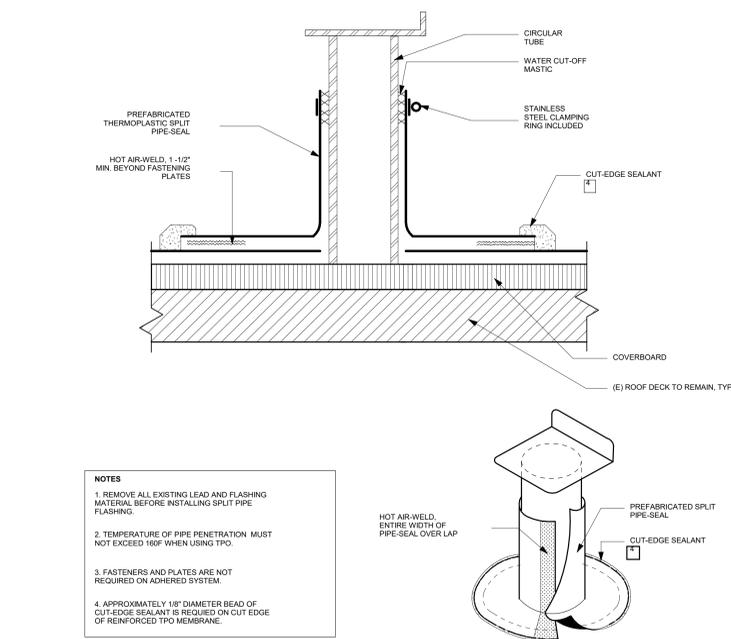
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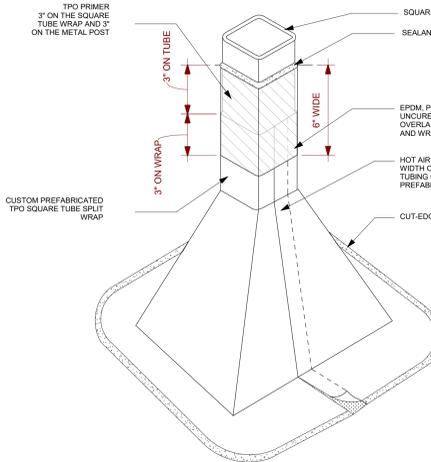
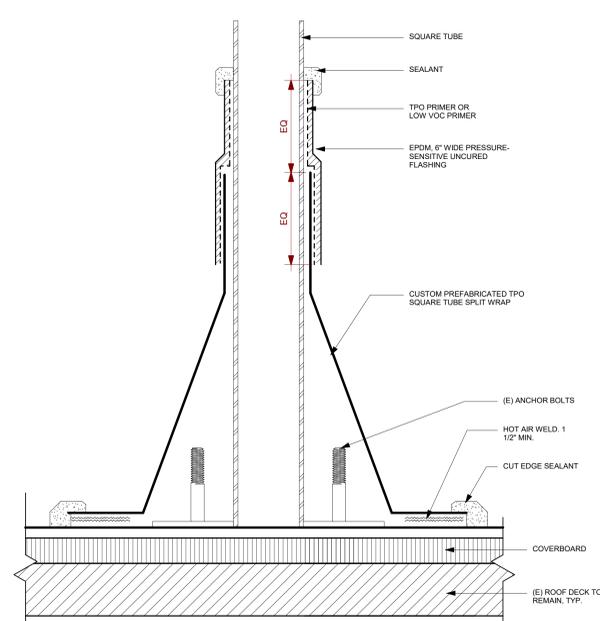
**5 ROOF DRAIN, OVERFLOW AND SUMP DETAIL**  
NO SCALE



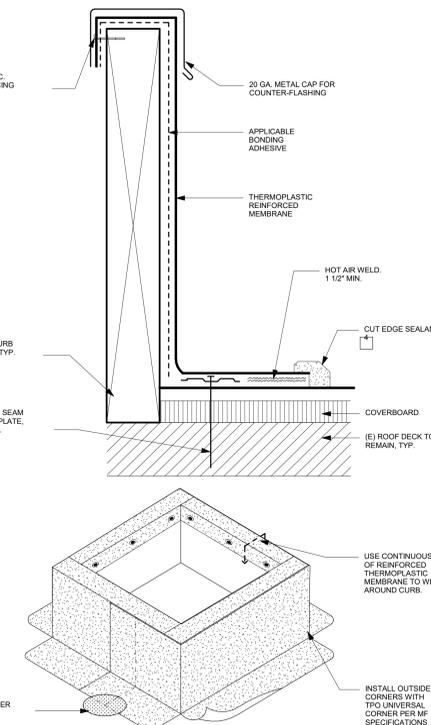
**6 MEMBRANE SPLICE**  
NO SCALE



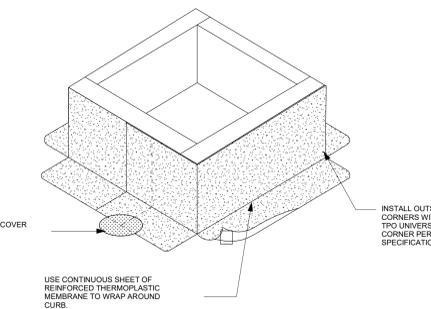
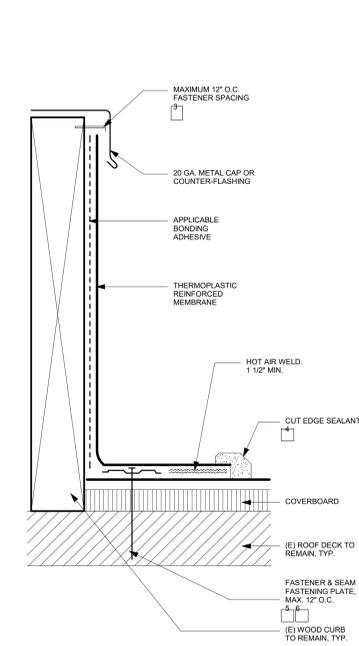
**8 CFA CERTIFIED PRE-FABRICATED SPLIT PIPE SEAL**  
NO SCALE



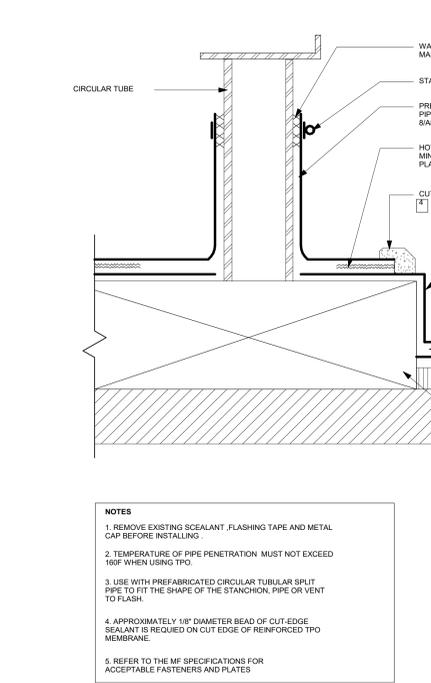
**3 CUSTOM PRE-FABRICATED SQUARE TUBE WRAP**  
NO SCALE



**4 CURB FLASHING WITH TPO B**  
NO SCALE



**1 CURB FLASHING WITH TPO A**  
NO SCALE



**2 PRE-FABRICATED SPLIT PIPE SEAL AT LOW CURB**  
NO SCALE

- NOTES**
1. WHEN USING TPO MEMBRANE, BONDING ADHESIVE IS NOT REQUIRED WHEN THE FLASHING HEIGHT IS 12" OR LESS AND THE MEMBRANE IS FASTENED "AS SHOWN" ON TOP OF THE CURB. WHEN A TERMINATION BAR IS USED BENEATH THE COUNTER-FLASHING, BONDING ADHESIVE CAN BE ELIMINATED WHEN THE MEMBRANE HEIGHT IS 18" OR LESS.
  2. USE APPLICABLE BONDING ADHESIVE FOR TPO. CAV-GRIP ADHESIVE MAY ALSO BE USED ON VERTICAL PORTION FOR TPO.
  3. WHEN MECHANICAL FASTENERS ARE USED TO PENETRATE THE METAL COUNTER-FLASHING, USE EPDM WASHERS, APPLY WATER CUT-OFF MASTIC UNDER THE COUNTER-FLASHING OR CAULK THE FASTENERS HEADS.
  4. APPROXIMATELY 1/8" DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED TPO MEMBRANE.
  5. REFER TO THE MF SPECIFICATIONS FOR ACCEPTABLE FASTENERS AND PLATES.
  6. MECHANICAL SECUREMENT MAY BE INSTALLED INTO THE VERTICAL SUBSTRATE.
  7. WHEN USING 80 MIL THICK CURB FLASHING, THE INTERSECTIONS BETWEEN SPLICE MUST OVERLAP WITH A THERMOPLASTIC "T-JOINT" COVER.

- NOTES**
1. REMOVE ALL EXISTING SEALANT AND FLASHING TAPE BEFORE INSTALLING PRE-FABRICATED CUSTOM BOOT ON (E) METAL BASE.
  2. TEMPERATURE OF PIPE PENETRATION MUST NOT EXCEED 160° WHEN USING TPO FLASHING.
  3. FASTENERS AND PLATES ARE NOT REQUIRED ON ADHERED SYSTEM.
  4. APPROXIMATELY 1/8" DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGE OF REINFORCED TPO MEMBRANE.

- NOTES**
1. WHEN USING TPO MEMBRANE, BONDING ADHESIVE IS NOT REQUIRED WHEN THE FLASHING HEIGHT IS 12" OR LESS AND THE MEMBRANE IS FASTENED "AS SHOWN" ON TOP OF THE CURB. WHEN A TERMINATION BAR IS USED BENEATH THE COUNTER-FLASHING, BONDING ADHESIVE CAN BE ELIMINATED WHEN THE MEMBRANE HEIGHT IS 18" OR LESS.
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  7. WHEN USING 80 MIL THICK CURB FLASHING, THE INTERSECTIONS BETWEEN SPLICE MUST OVERLAP WITH A THERMOPLASTIC "T-JOINT" COVER.

- NOTES**
1. REMOVE EXISTING SEALANT, FLASHING TAPE AND METAL CAP BEFORE INSTALLING.
  2. TEMPERATURE OF PIPE PENETRATION MUST NOT EXCEED 160° WHEN USING TPO.
  3. USE WITH PREFABRICATED CIRCULAR TUBULAR SPLIT PIPE TO FIT THE SHAPE OF THE STANCHION, PIPE OR VENT TO FLASH.
  4. APPROXIMATELY 1/8" DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGE OF REINFORCED TPO MEMBRANE.
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