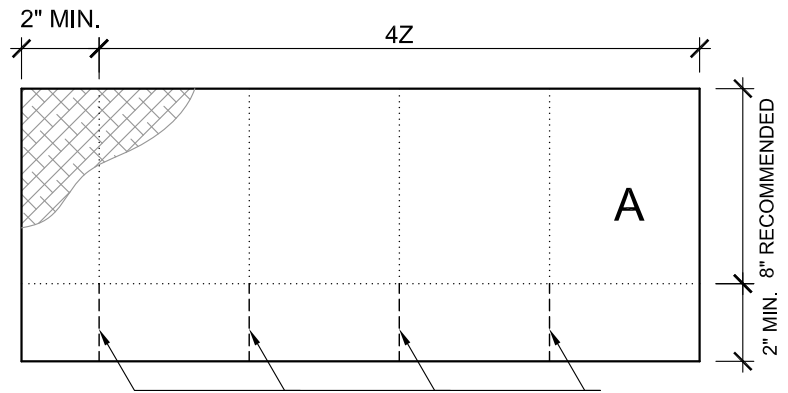


JM PERMAFLASH SCRIM WRAPPED AROUND PENETRATION W/ MIN. 2" OVERLAP AT JOINT



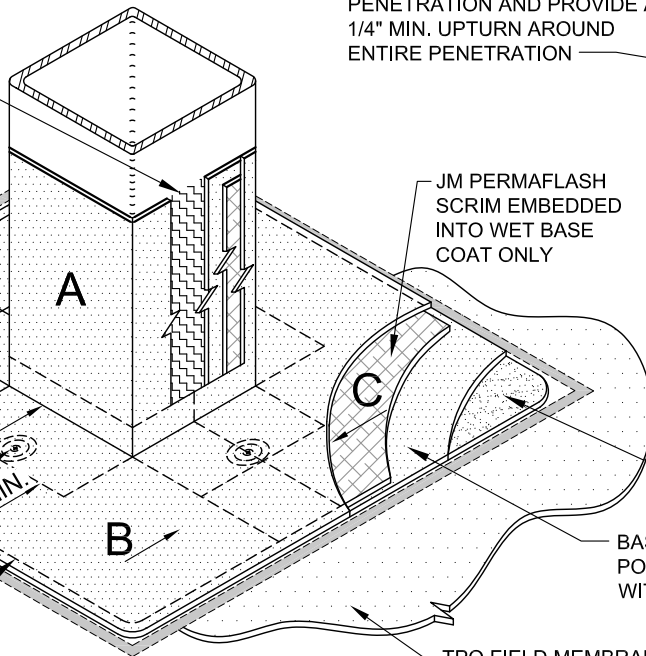
SCRIM VERTICAL VIEW  
STEP A

METAL SURFACE REQUIRES POWERED MECHANICAL ABRASION (SEE NOTE 5)

ENSURE FULL FINISH COAT SATURATION OF JM ONE-PART POURABLE SEALER AFTER EMBEDDING SCRIM INTO BASE COAT (SEE NOTE 7)

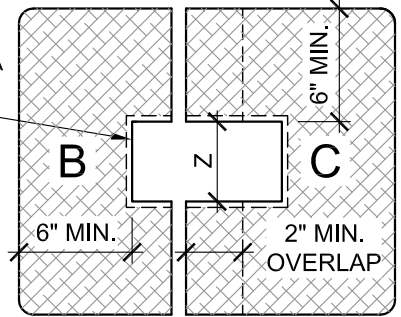
TARGET AREA TAPE MASKING

APPROVED FIELD MEMBRANE FASTENERS  
TERMINATE JM ONE-PART POURABLE SEALER 1/2" BEYOND PERMAFLASH SCRIM



CUT PERMAFLASH SCRIM TO FIT SNUG AROUND PENETRATION AND PROVIDE A 1/4" MIN. UPTURN AROUND ENTIRE PENETRATION

JM PERMAFLASH SCRIM EMBEDDED INTO WET BASE COAT ONLY



SCRIM HORIZONTAL VIEW  
STEPS B & C

APPROVED JM TPO MEMBRANE PRIMER (SEE NOTE 6)

BASE COAT OF JM ONE-PART POURABLE SEALER APPLIED WET WITHIN SUBSTRATE TARGET AREA

TPO FIELD MEMBRANE ADHERED OR MECHANICALLY ATTACHED

**NOTES:**

- REFER TO JOHNS MANVILLE WEBSITE ([www.jm.com](http://www.jm.com)) FOR MOST UP-TO-DATE INFORMATION.
- PLEASE SEE JM SINGLE PLY LIQUID FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
- ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
- ALL SEALANTS / CAULKING SHALL BE PERIODICALLY INSPECTED AND MAINTAINED BY THE BUILDING OWNER THROUGHOUT THE LIFE OF THE ROOF.
- ALL METAL SURFACES REQUIRE POWERED MECHANICAL ABRASION TO BRING METAL DOWN TO A VIRGIN SURFACE. WIRE BRUSH IS NOT AN ACCEPTABLE ALTERNATIVE. CLEAN METAL SURFACES WITH JM SINGLE PLY MEMBRANE CLEANER LVOC PRIOR TO JM ONE-PART POURABLE SEALER APPLICATION.
- THOROUGHLY CLEAN AND PRIME ALL NON-METAL SURFACES WITH APPROVED JM TPO MEMBRANE PRIMER OR JM SINGLE PLY MEMBRANE PRIMER (LVOC). DO NOT USE A SILICONE SEALANT, ROOF CEMENT OR ASPHALT ROOF PRIMER, WHICH CAN ACT AS A BOND BREAKER.
- SECOND TOP COAT OF JM ONE-PART POURABLE SEALER ON VERTICAL SURFACES RECOMMENDED 24 HOURS AFTER INITIAL APPLICATION.
- JM ONE-PART POURABLE SEALER CONSISTS OF A 30 mil BASE COAT, PERMAFLASH SCRIM EMBEDDED INTO BASE AND A 30 mil FINAL COAT OF JM ONE-PART POURABLE SEALER. USE THE APPROVED JM TPO MEMBRANE PRIMER OR JM SINGLE PLY MEMBRANE PRIMER (LVOC) PRIOR TO JM ONE-PART POURABLE SEALER APPLICATION.
- MULTIPLE PIPE PENETRATION OFFSET MEASUREMENT VARIES DUE TO FIELD CONDITIONS. FIELD FITTING FOR ACCEPTABLE COVERAGE OF VERTICAL AND HORIZONTAL PERMAFLASH SCRIM APPLICATION REQUIRED.

DRAWING NO.

**T1P-FP-02**

PENETRATION

**TPO SQUARE TUBE PENETRATION  
JM ONE-PART POURABLE SEALER LIQUID FLASHING**

MEMBRANE TYPE:  
TPO/ONE-PART POURABLE SEALER

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SCALE  
N.T.S

ISSUE DATE  
04-09-24

MAXIMUM GUARANTEE TERM:  
20 YEAR

DRAWN BY:  
HJV

