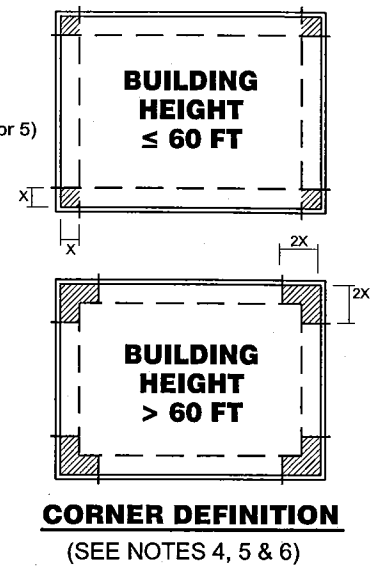
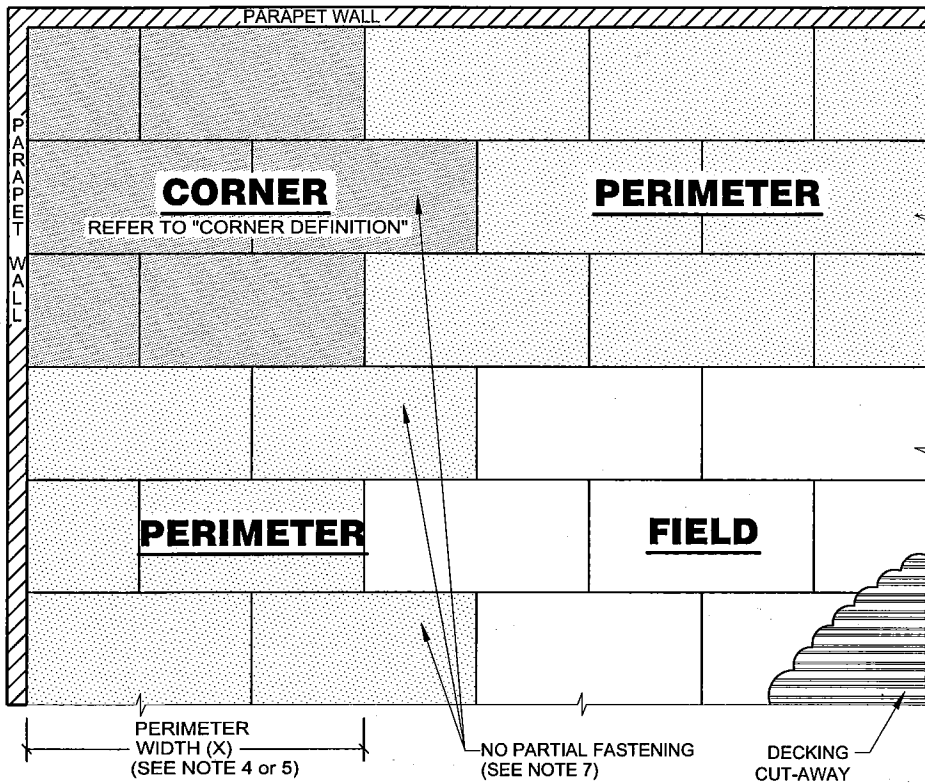
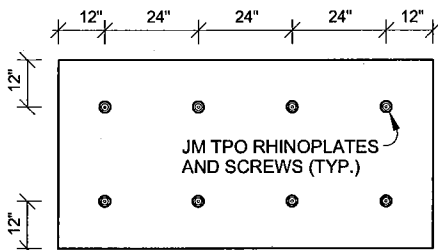


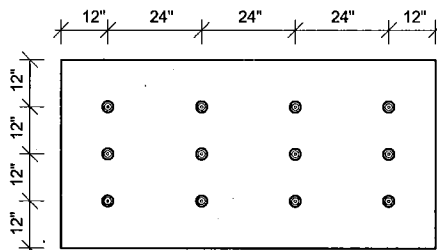
BOARD LAYOUT



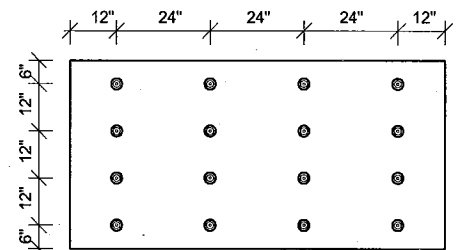
FASTENING PATTERNS for 4' x 8' INSULATION BOARDS



FIELD
8 FASTENERS/BOARD



PERIMETER
12 FASTENERS/BOARD



CORNER
16 FASTENERS/BOARD

UPLIFT NOTES

1. CALCULATE UPLIFT DESIGN PRESSURES IN ACCORDANCE WITH ASCE-7.
2. FASTENING DIAGRAM IS BASED ON FM GLOBAL DATA SHEET 1-29.
3. INSTALL INSULATION WITH LONG JOINTS IN A CONTINUOUS STRAIGHT LINE WITH END JOINTS STAGGERED.
4. ROOF HEIGHT \leq 60 FT, THE PERIMETER (X) IS THE SMALLER DIMENSION OF:
10% OF THE SHORTEST SIDE (PLAN VIEW)
OR
40% OF THE ROOF HEIGHT,
BUT
NOT LESS THAN 4% OF THE SHORTEST SIDE (PLAN VIEW) OR 3 FEET.
5. ROOF HEIGHT > 60 FT, THE PERIMETER (X) IS:
10% OF THE SHORTEST SIDE (PLAN VIEW) BUT NOT LESS THAN 3 FEET.
6. THE CORNERS MAY BE TREATED AS PERIMETERS IF THE PARAPET IS GREATER THAN OR EQUAL TO 3 FT ON ALL SIDES ACCORDING TO ASCE-7.
7. IF ANY PORTION OF THE BOARD LIES IN A PERIMETER OR CORNER ZONE, ENHANCE THE FASTENING OF ENTIRE BOARD.

GENERAL NOTES

- JM TPO MEMBRANE IS HEAT WELDED TO JM TPO RHINOPLATES USING THE RHINOBOND TOOL.
- ALL FASTENERS MUST PENETRATE HIGH RIB OF DECK.
- THE ABOVE FASTENING PATTERN ASSUMES THE PULLOUT TESTS ON FASTENERS ACHIEVE A 480 POUND PULLOUT VALUE.

JM TPO RHINOPLATE FASTENING SYSTEM (8-12-16)

DRAWING NO.

TRH-8

SCALE
N.T.S

ISSUE DATE
11th MAR 08

REV. NO.
4

CAD FILE:
BOARD FASTENING TPO RHINO 8-12-16.dwg

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