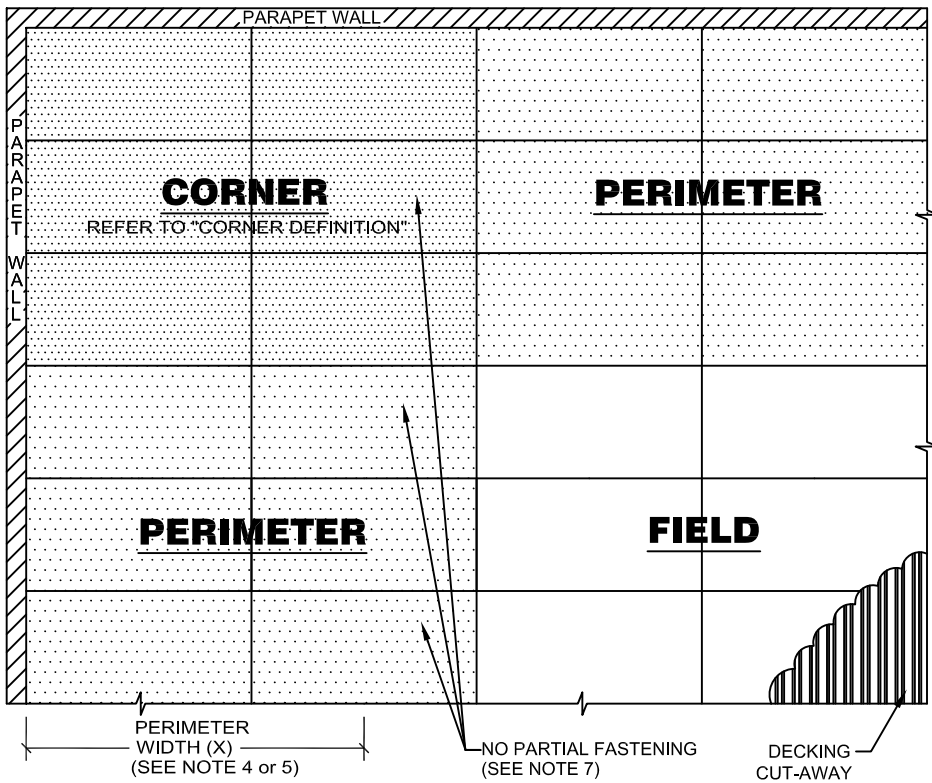
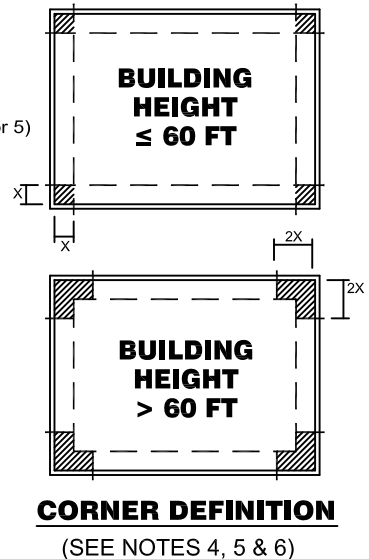


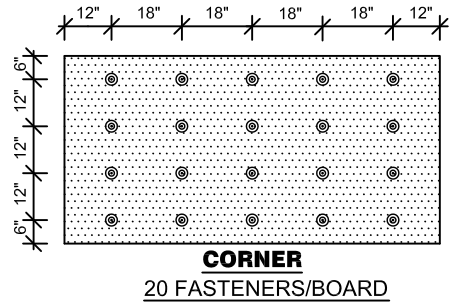
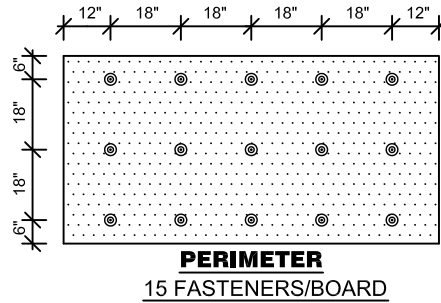
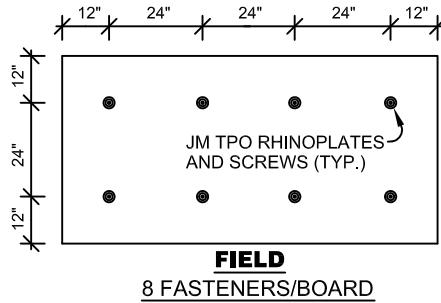
BOARD LAYOUT



PERIMETER WIDTH (X)
(SEE NOTE 4 or 5)



FASTENING PATTERNS for 4' x 8' INSULATION BOARDS



UPLIFT NOTES

- CALCULATE UPLIFT DESIGN PRESSURES IN ACCORDANCE WITH ASCE-7.
- FASTENING DIAGRAM IS BASED ON FM GLOBAL DATA SHEET 1-29. THIS MEMBRANE FASTENING PATTERN ACHIEVES AN FM 1-135 UPLIFT RATING OVER AN FM APPROVED DECK.
- INSTALL INSULATION WITH LONG JOINTS AND END JOINTS IN A CONTINUOUS STRAIGHT LINE IN ORDER TO CREATE A LINEAR FASTENING PATTERN. MULTIPLE LAYERS OF INSULATION ARE TO BE STAGGERED.
- 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 4 FEET.
- ROOF HEIGHT $>$ 60 FT, THE PERIMETER (X) IS:
10% OF THE SHORTEST SIDE (PLAN VIEW) BUT NOT LESS THAN 4 FEET.
- 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.
- 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.

JM TPO RHINOPLATE FASTENING SYSTEM (8-15-20)

DRAWING NO.
TRH-8,15,20

SCALE
N.T.S.

ISSUE DATE
2-12-18

REV. NO.

CAD FILE:
BOARD FASTENING TPO RHINO 8-15-20.dwg

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