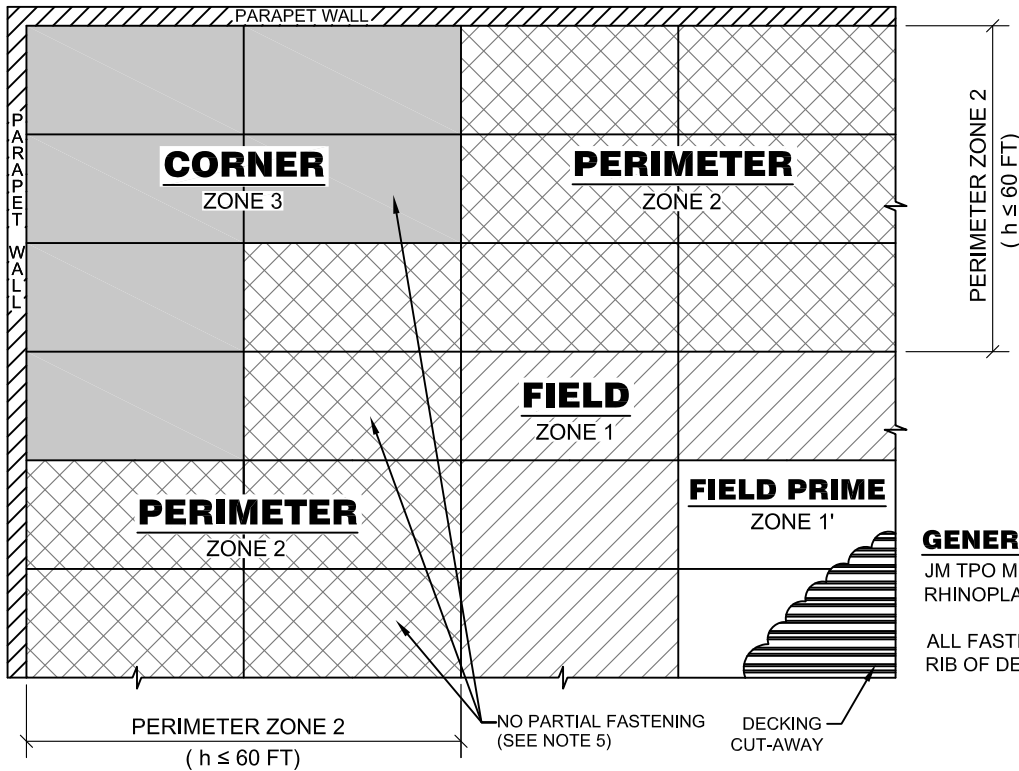


BOARD LAYOUT

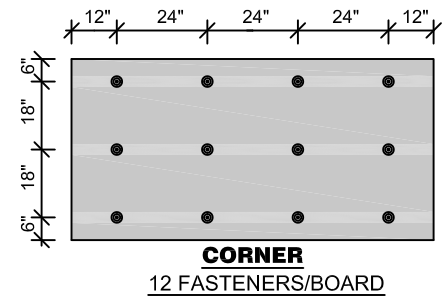
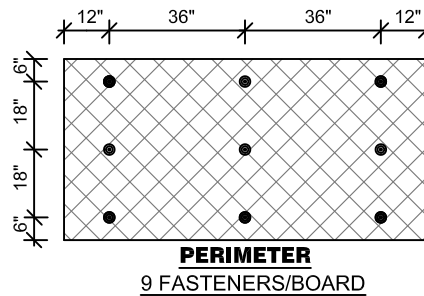
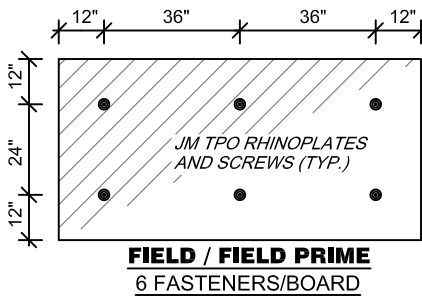


GENERAL NOTES

JM TPO MEMBRANE IS HEAT WELDED TO JM TPO RHINOPLATES USING THE RHINOBOND TOOL.

ALL FASTENERS MUST PENETRATE HIGH RIB OF DECK.

FASTENING PATTERNS for 4' x 8' INSULATION BOARDS

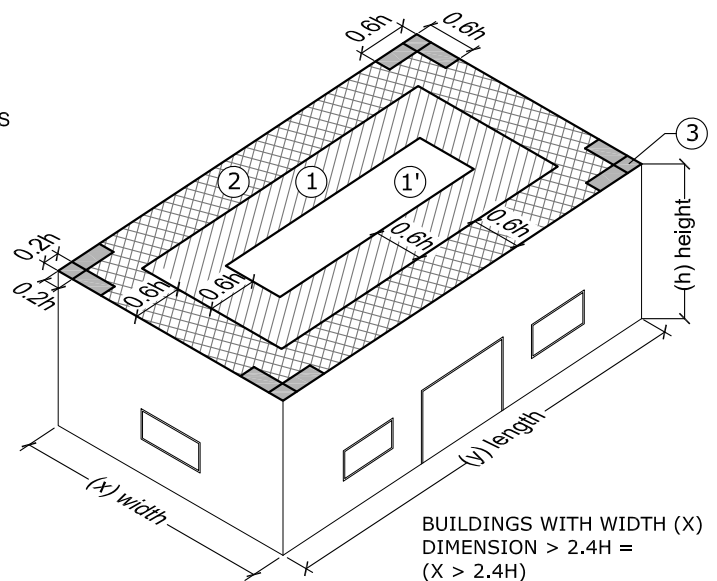


UPLIFT NOTES

1. CALCULATE UPLIFT DESIGN PRESSURES IN ACCORDANCE WITH ASCE-7.
2. FASTENING DIAGRAM IS BASED ON FM GLOBAL DATA SHEET 1-29. THIS MEMBRANE FASTENING PATTERN ACHIEVES AN FM 1-90 UPLIFT RATING OVER AN FM APPROVED DECK.
3. 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.
4. 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.
5. IF ANY PORTION OF THE BOARD LIES IN A PERIMETER OR CORNER ZONE, ENHANCE THE FASTENING OF ENTIRE BOARD.

ASCE 7-16 BUILDING HEIGHT LESS THAN 60 FT. (4 ZONES)

- ① FIELD PRIME REMAINING ROOF FIELD
- ① FIELD 0.6 TIMES HEIGHT OF THE BUILDING (0.6h).
- ② PERIMETER 0.6 TIMES THE HEIGHT OF THE BUILDING (0.6h).
- ③ CORNER "L" SHAPE 0.6 TIMES HEIGHT OF THE BUILDING (0.6h) IN LENGTH AND 0.2 TIMES THE HEIGHT OF THE BUILDING (0.2h) WIDE.



DRAWING NO.

A-TRB-6-9-12

JM TPO RHINOPLATE BOARD FASTENING (6-9-12) FM 90 COMPLIANT

BOARD FASTENING

MEMBRANE TYPE:

SCALE
N.T.S

ISSUE DATE
09-15-21

MAXIMUM GUARANTEE TERM:

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