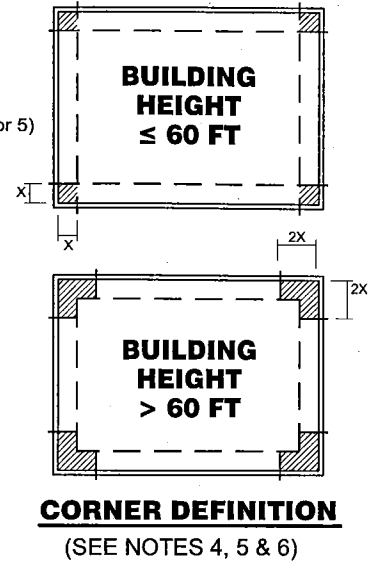
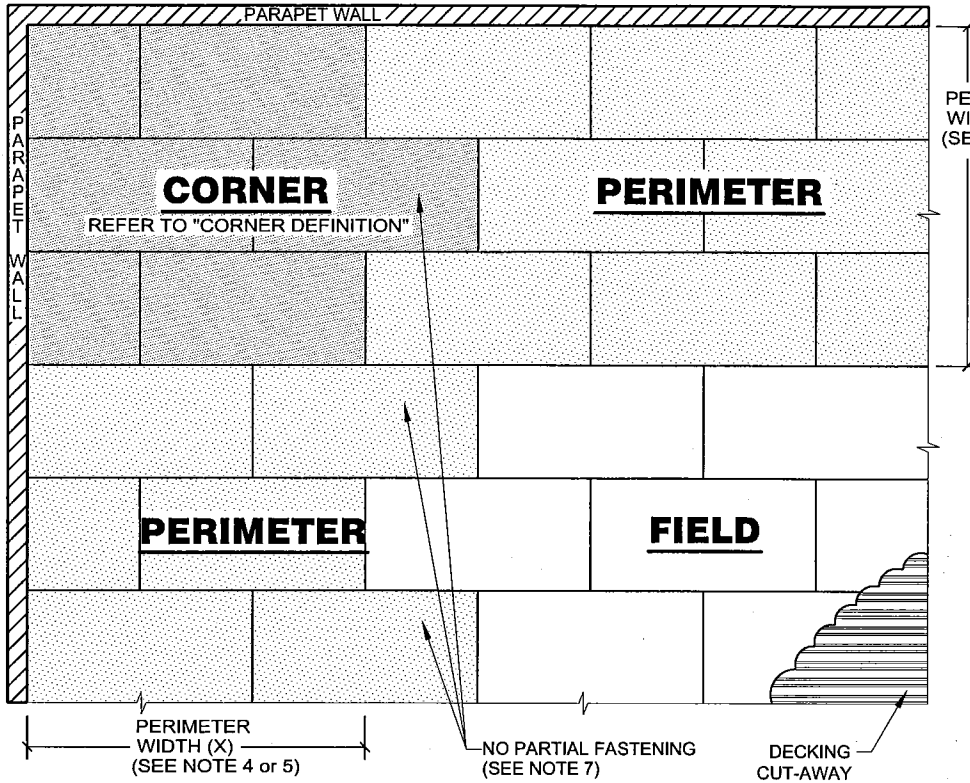
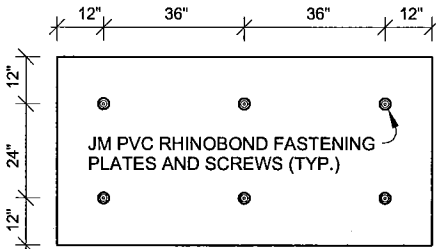


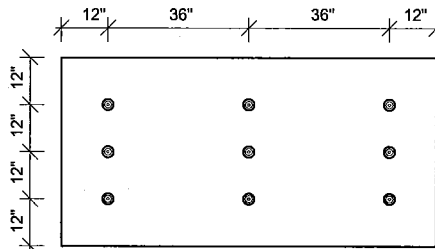
# BOARD LAYOUT



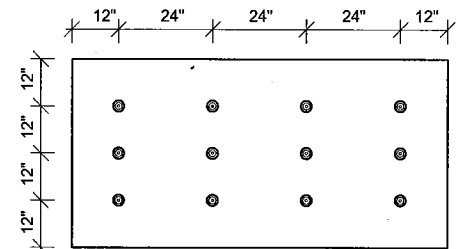
## FASTENING PATTERNS for 4' x 8' INSULATION BOARDS



**FIELD**  
6 FASTENERS/BOARD



**PERIMETER**  
9 FASTENERS/BOARD



**CORNER**  
12 FASTENERS/BOARD

### UPLIFT NOTES

- CALCULATE UPLIFT DESIGN PRESSURES IN ACCORDANCE WITH ASCE-7.
- FASTENING DIAGRAM IS BASED ON FM GLOBAL DATA SHEET 1-29.
- INSTALL INSULATION WITH LONG JOINTS IN A CONTINUOUS STRAIGHT LINE WITH END JOINTS 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 3 FEET.
- ROOF HEIGHT > 60 FT, THE PERIMETER (X) IS:  
10% OF THE SHORTEST SIDE (PLAN VIEW) BUT NOT LESS THAN 3 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 PVC MEMBRANE IS HEAT WELDED TO RHINO BOND PLATES USING THE RHINO BOND 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 PVC RHINO BOND FASTENING SYSTEM (6-9-12)

DRAWING NO.

**PRH-6**

SCALE

N.T.S

ISSUE DATE

11th MAR 08

REV. NO.

4

CAD FILE:

BOARD FASTENING PVC RHINO 6-9-12.dwg

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