

Robert Hamersky
Field Advisor

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Re: Pinelands High School
520 Nugentown Road
Little Egg Harbor, NJ 08087

Roof Assembly Letter

See the following project roof composition **build sheet** below.

Metal Deck -:

- Cap Sheet
 - POWERply Premium FR
 - Set in Standard PP Cold Applied Adhesive (2 gallons per sq) Welded Laps
- Base SBS Ply
 - POWERply HT Plus Smooth
 - Set in Tremco type III hot asphalt
- Coverboard
 - 1/2" Coverboard- set in Tremco type III Hot asphalt
 - Fiberboard
 - On 2nd story levels, must use 1/2" Dens-deck Prime or Secure Rock in (zone 3) corner locations only!
- Insulation
 - 2- layers of 2.5": Iso. Insulation –
 - Mechanically fastened with #14 HD fastener and 3" insulation Plate
 - Fastening pattern
 - Zone 1 field- 1 per 2 square feet (8 per 4' x 4' board)
 - Zone 2 perimeter – 1 per 2 square feet
 - Zone 3 corners- 1 per 1.45 sf (11 per 4' x 4' board)
 - Perimeter dimensions are calculated by the following:
 - .10 x the lesser roof dimension, or .40 x the height. The less of the two numbers can be utilized rounding up to the nearest 4' wide insulation board.
- Roof decking:
 - Steel Decking- 22-gauge
 - 18" & 24" Bar Joists 4.5' on center

Respectfully,
Robert Hamersky
Field Advisor
Tremco Roofing & Building Maintenance