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