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 - Trinity Report S34, S36 & S37:**

- **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 type III hot asphalt

- **Coverboard**
  - 1/2" Coverboard- set in 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

Respectfully,
Robert Hamersky  
Field Advisor  
Tremco Roofing & Building Maintenance