



Railing / Roof Deck Details:

- 1) Railing location and dimensions in green
- 2) 70-80 feet of painted metal railing – installed on the middle of the rear roof where the green lines are. Also shown on the structural engineer’s drawing.
- 3) Standard pavers 12-18” square will be placed on the roof deck surface as a walking surface. These pavers will not exceed 8 lbs/sq ft and will not be attached to the roof
- 4) The railing will be 42” tall with balusters < 4” apart
- 5) Railing posts will be 1 3/4” pipe (round) with 1/2” balusters and a 1 1/2” bottom rail made of flat bar
- 6) Railing posts will have 8-10” welded bottom plates with four holes. These will be lagged into the wooden roof deck (which is 3/4” thick).
- 7) The railing will also be secured where it meets the building
- 8) The roof is made up of 3/4” wood deck covered with 4” of Polyiso insulation mechanically fastened to wood deck with .060 rubber which is fully adhered to the insulation and 6” seam tape.
- 9) Where the deck/pavers will be and where the HVAC units are there is or will be extra .060 rubber slip sheet