Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/22/18

Proposed Guard (as per IBC section 1013):

Use Pressure Treated Wood.

Top of Guard to be at a height of 42". Top of Guard (and bottom guard rail which will be at a height of roughly 2" above the roof) will be constructed of 10 ft Pressure Treated 2x4s.

Balusters to be spaced at a distance of 3" apart. Balusters will be 1 1/2 x 1 1/2 square balusters.

There will be three posts for each handrail.

At one end we will screw a 2 x 4 post into the doorframe attached to the building.

At the other end a 4 x 4 Post will be attached to the existing fire escape using 2 inch brackets.

In the middle (roughly halfway between both end posts) a 4 x 4 post will be attached to the roof using 4 inch L brackets and then weather-sealed so no water can get in where the roof is penetrated.

As bottom railing will be roughly 2" above roof, we will screw 2" spacers into the bottom of the railing so that it will contact with the roof.

The roof is a rubber membrane flat roof.