



Installation of Exterior Façade Awnings at 1 Riverside Drive, Manhattan, NY

Rizwan Abdus Salam P.E.
R.A.S.P.E. Consulting Engineers
February 25th, 2016

Description of the Project

- 1 Riverside Drive is a “Landmark” 5 story building and a house of worship
- The project involves installation of (5) exterior façade awnings:
 - (1) above the main entrance door facing Riverside Drive
 - (1) above the 2nd floor door leading to the porch atop the main entrance door, facing Riverside Drive
 - (2) above the 1st floor windows atop the exterior access stairs leading to the cellar, on the south façade
 - (1) above the rear entrance door on the south façade

Description of the Project Cont.

- The green fabric awnings have been designed to conform to the rectangular design of the doors and windows, and blend with the color of the existing metal grille on the windows of the building façade.
- The awnings will provide protection from the sun & rain
- The awnings will blend into the existing character of the building and enhance the façade view to be aesthetically pleasing to the eye

The Building at 1 Riverside Drive



1 Riverside Drive

A Closer Look at the Building



FRONT (WEST) ELEVATION

A Closer Look at the Building

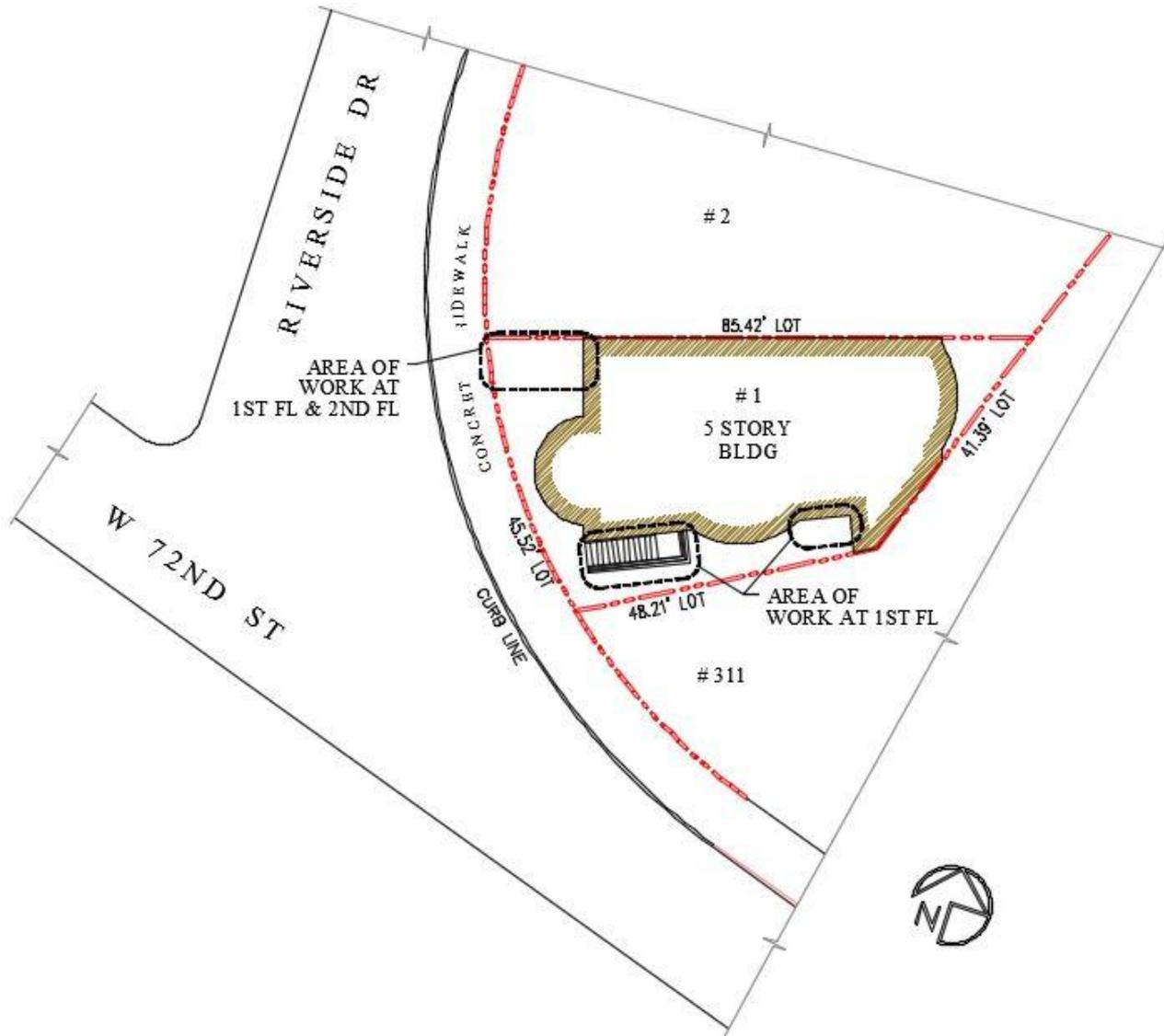


SOUTH ELEVATION

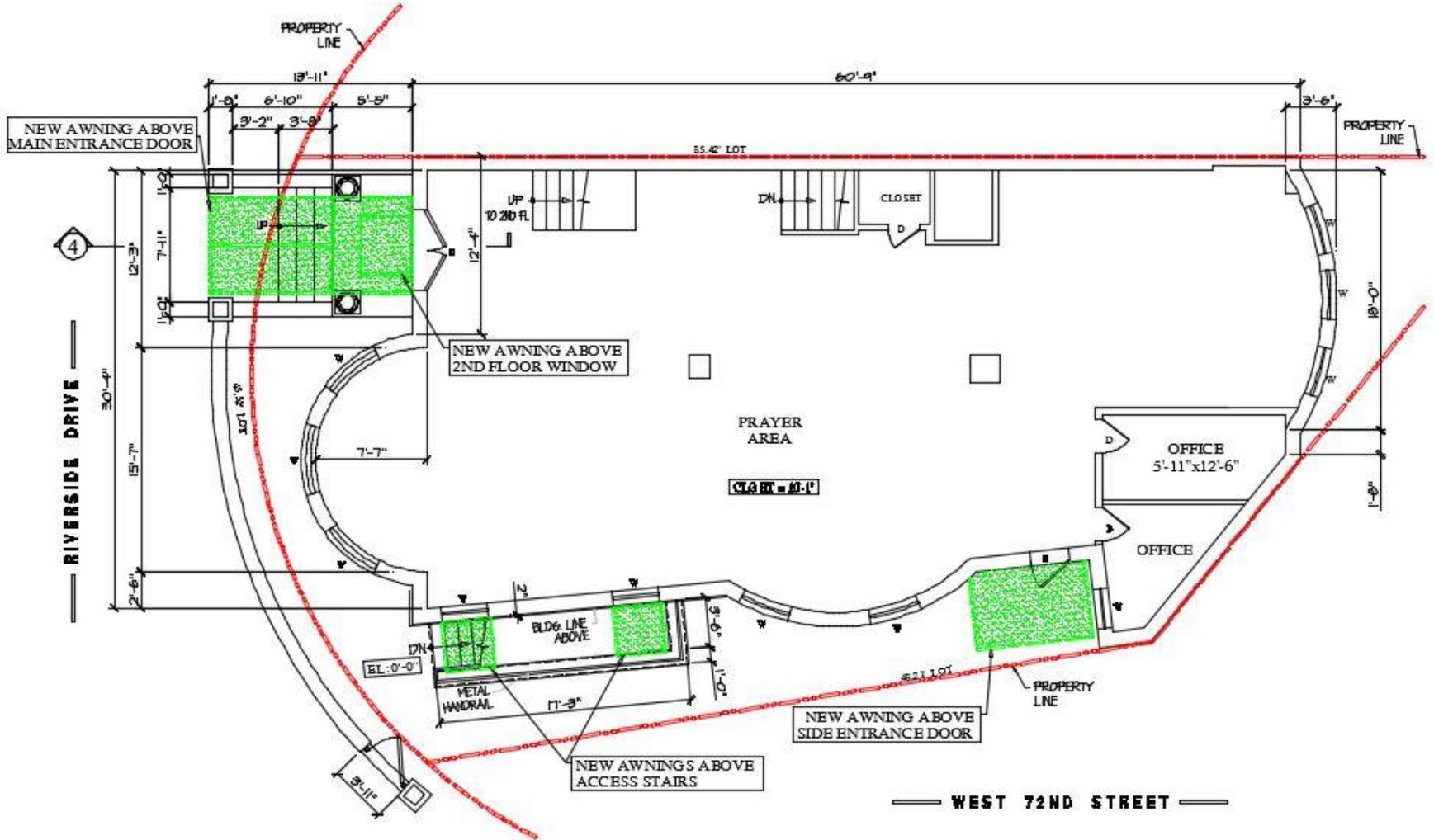


SOUTH ELEVATION

Site Plan



1st Floor Plan



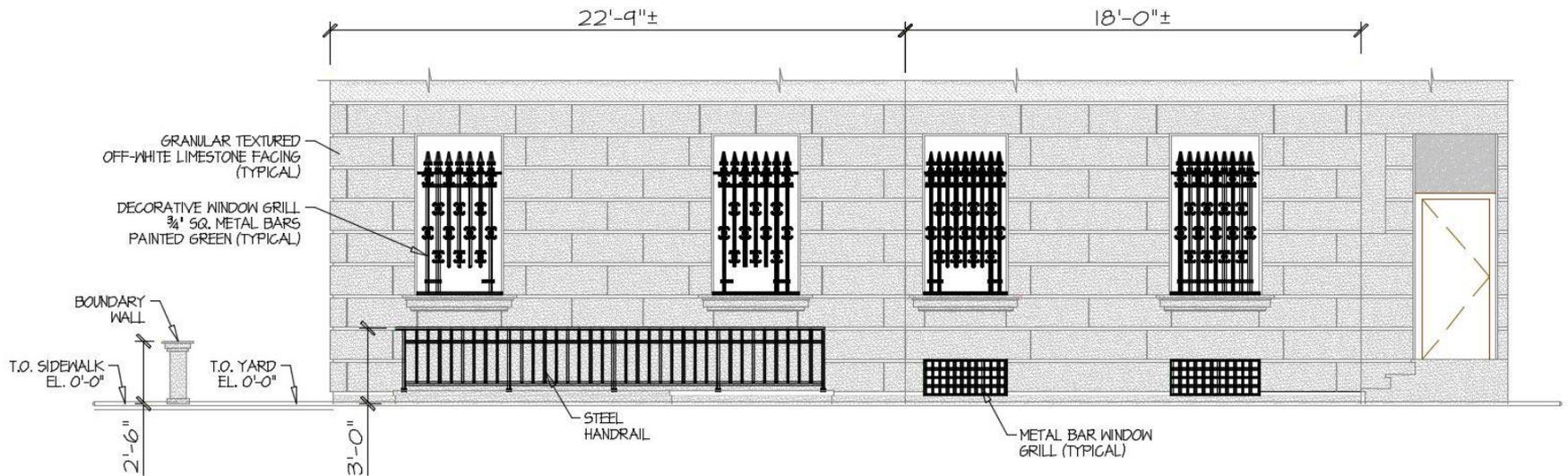
Partial Front Elevation Existing Condition



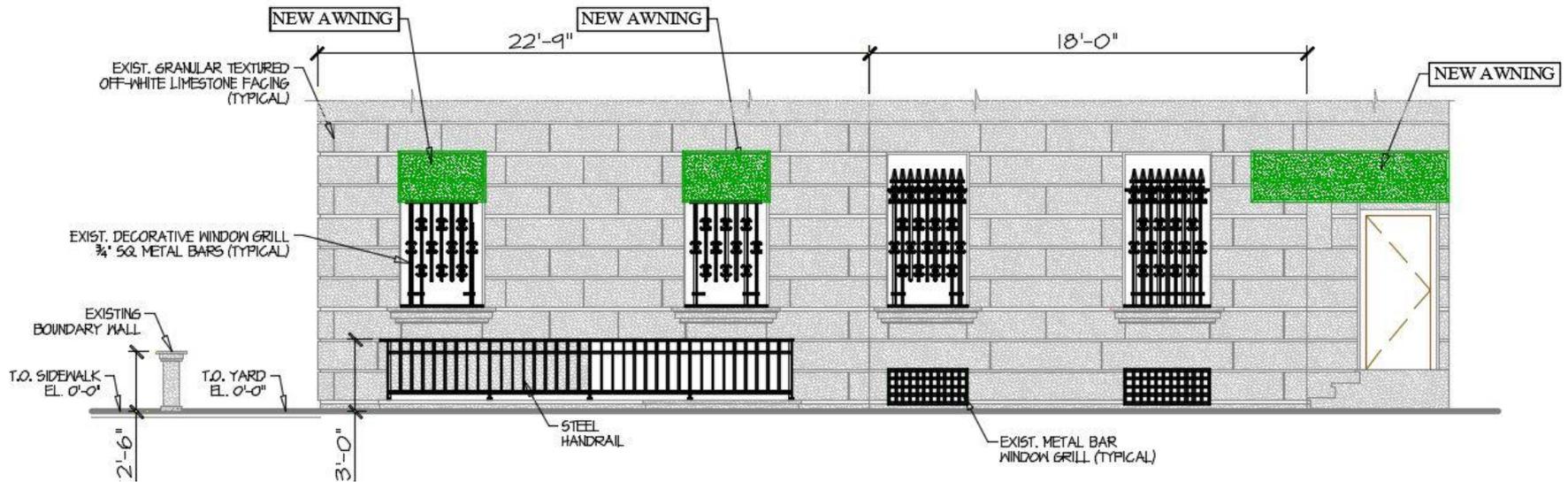
Partial Front Elevation Proposed Condition



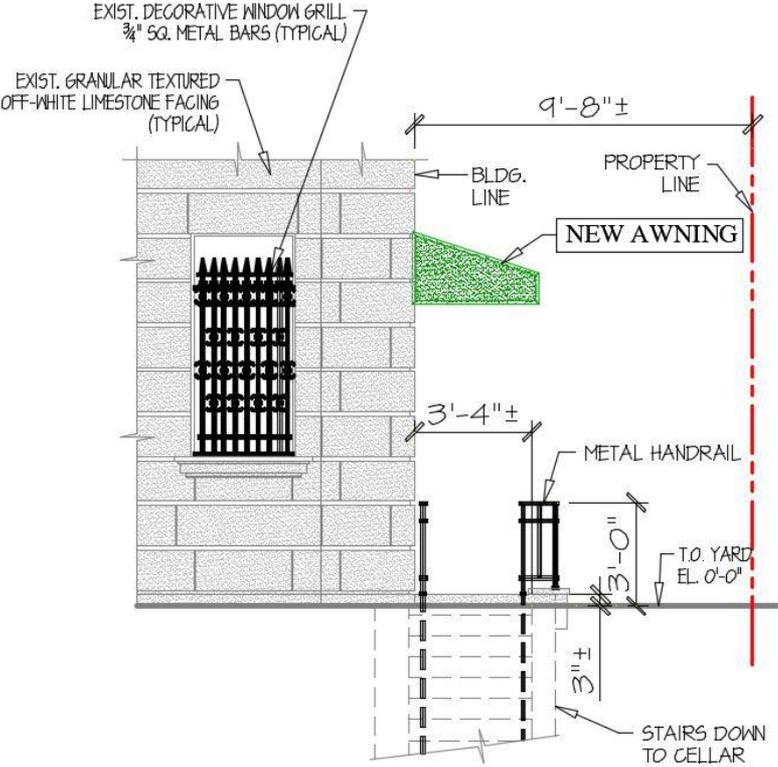
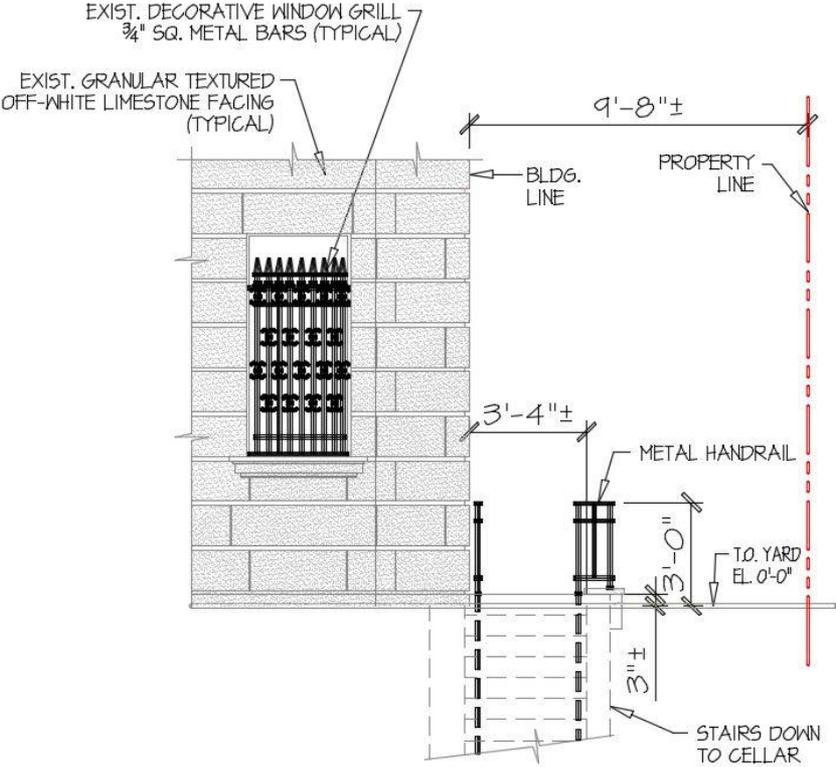
South Elevation – Existing Condition



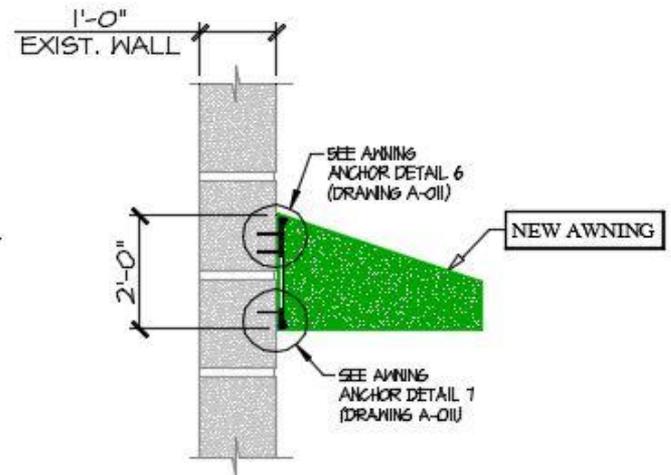
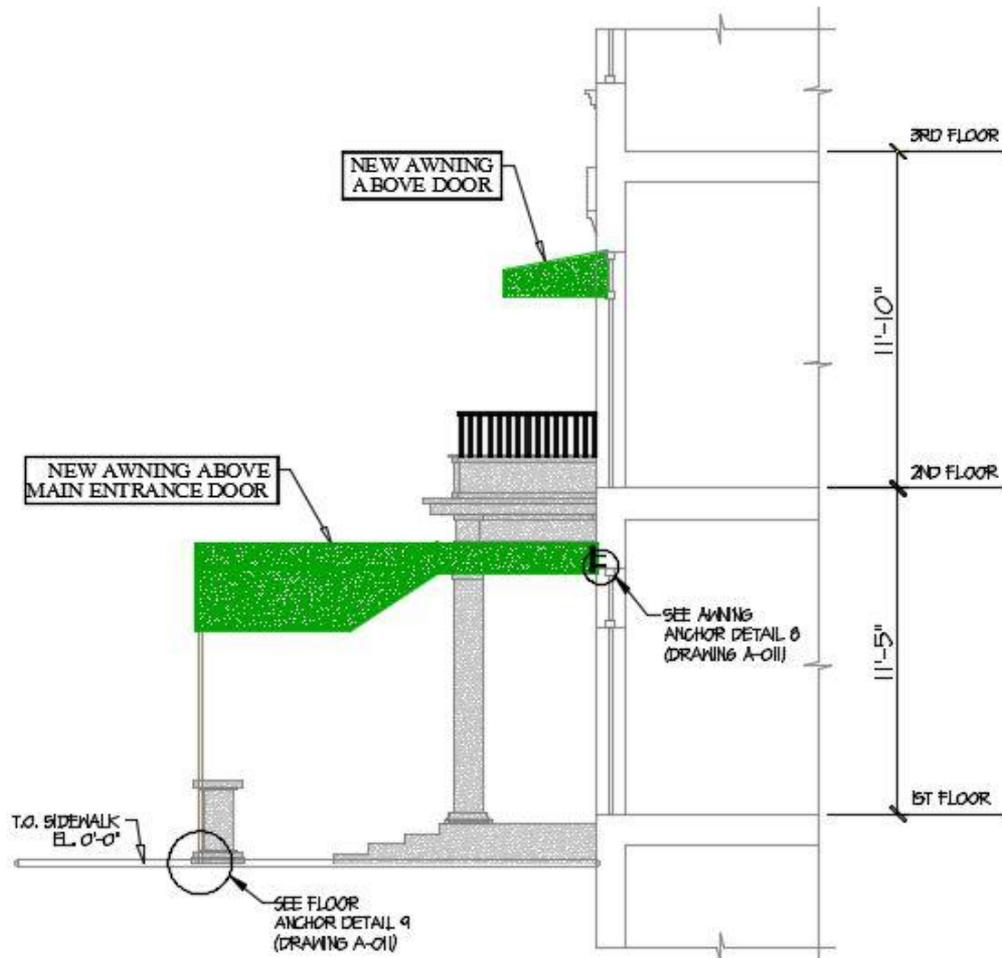
South Elevation – Proposed Condition



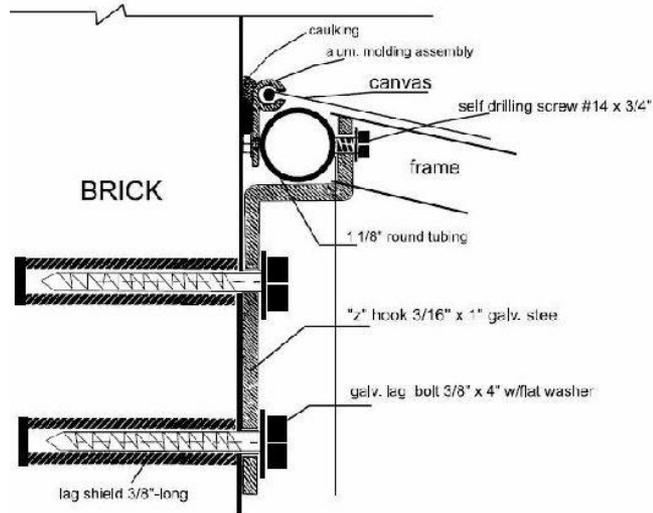
West Elevation – Existing & Proposed



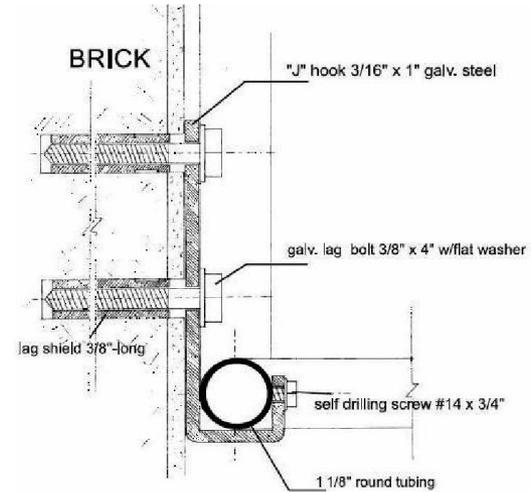
Sections



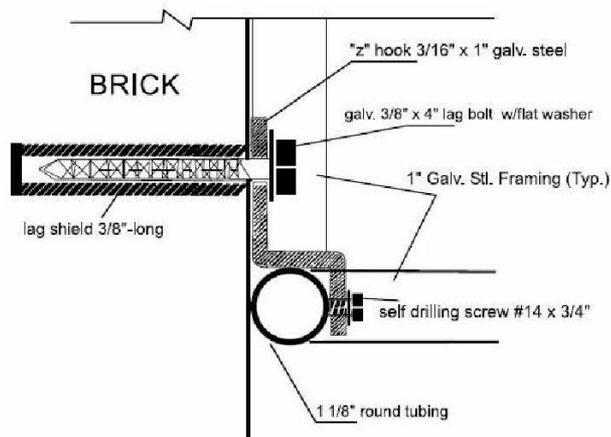
Connections/Support Details



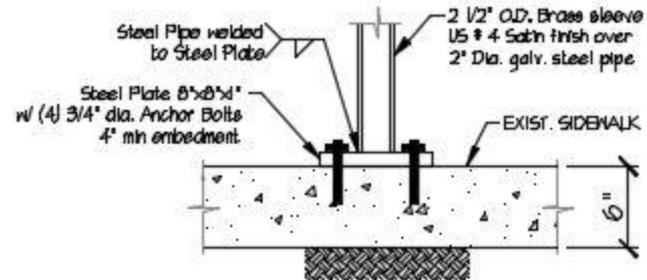
AWNING UPPER ANCHOR DETAIL-6



AWNING TO WALL ANCHOR DETAIL-8



AWNING LOWER ANCHOR DETAIL-7



FLOOR ANCHOR DETAIL-9

Conclusion

- Proposed awnings will provide protection from the sun & rain
- They will add to the elegance of the building facades
- The color and design of the awnings will blend into the character of the existing building, maintaining homogeneity