

City of Coral Gables

City Hall

Windows Replacement

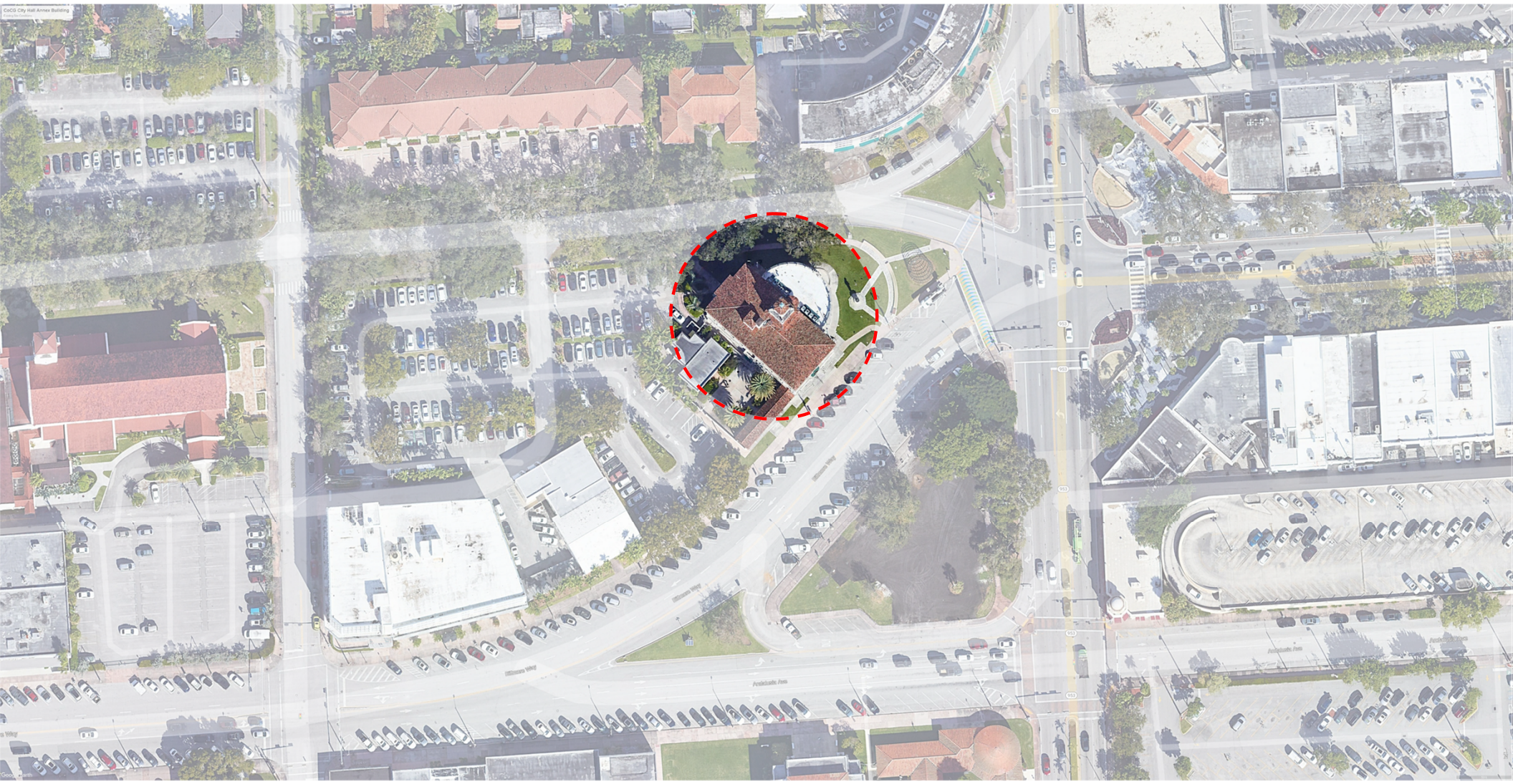
December 19, 2024

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Various options were considered for the project:

1. Restore Existing Windows: Existing wood window sashes with custom profiles would be removed and wood restored in the contractors' shop, painted and re-installed. Existing wood frames would be repaired and re-painted in the field. Hardware repaired if possible or replaced where necessary/missing with historically consistent items.
2. Non-Impact Window Protection
 - a. Shutters: Existing removable storm shutters.
 - b. Interior storm windows: Thin profile impact/wind resistant products installed behind existing windows inside openings. The structure surrounding the windows (terracotta) needs reinforcement for wind resistance.
3. Replace with impact resistant wood windows (Luxbaum).
4. Replace with impact resistant aluminum windows (Windoor).
5. Replace with impact resistant aluminum/wood windows (Marvin).
6. Replace with impact resistant steel windows (Hope's).



↑ North



North Elevation



East Elevation



South Elevation



West Elevation

Existing Building Images



Exterior Windows (East Elevation)



Exterior Window (West Elevation)

Existing Building Images



Exterior Window Detail (West Elevation)



Exterior Window Detail (West Elevation)

Existing Building Images



Interior Window Detail (West Elevation)



Interior Window Detail (West Elevation)

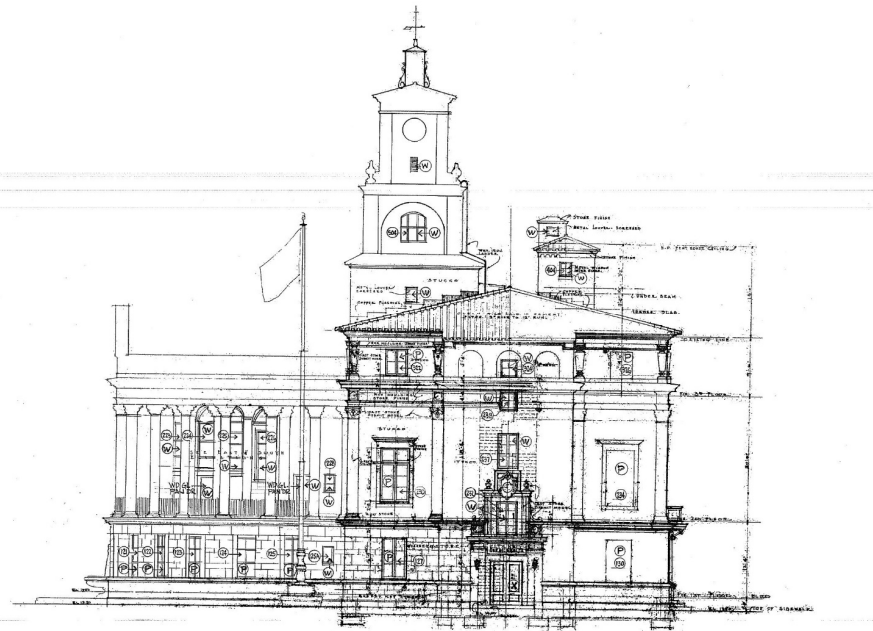


Interior Window (West Elevation)

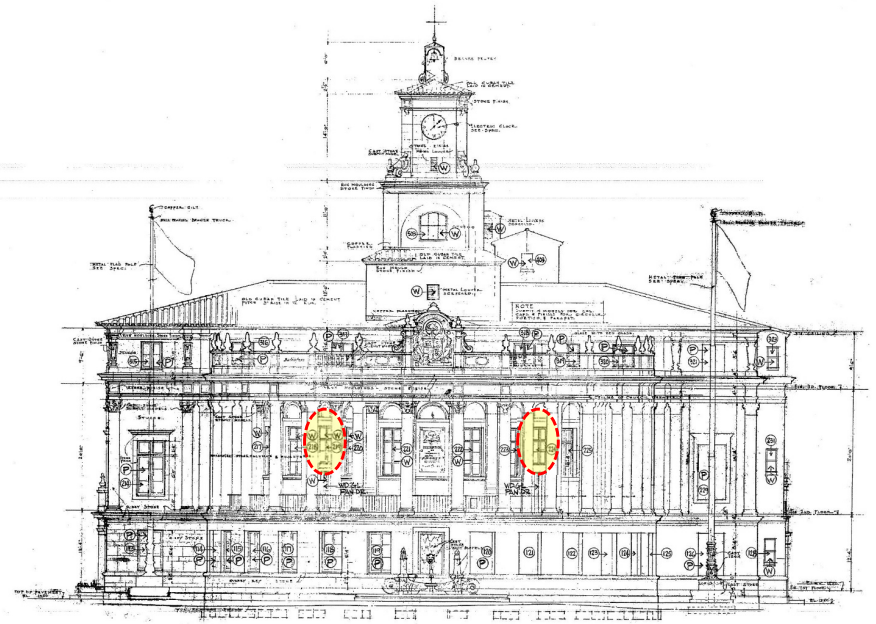


Interior Window Detail (West Elevation)

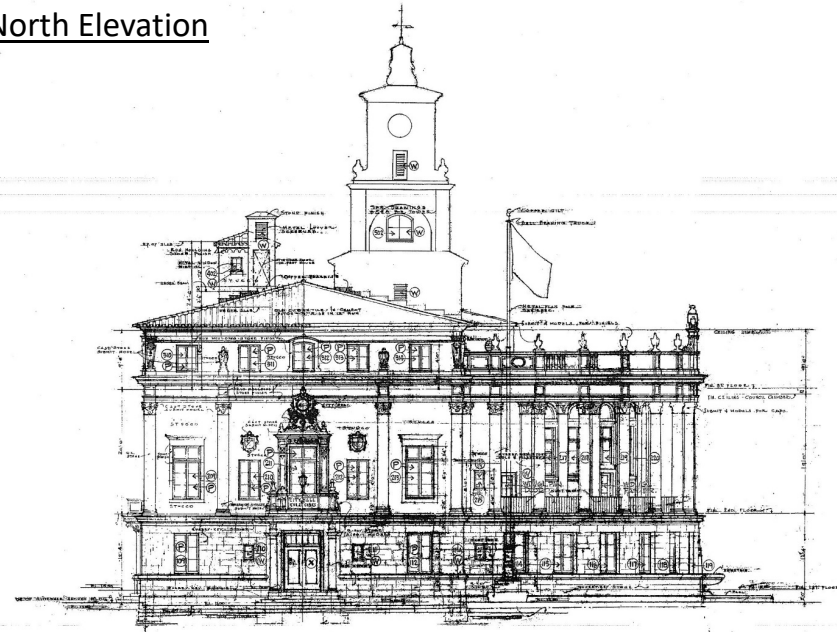
Existing Building Images



North Elevation



East Elevation

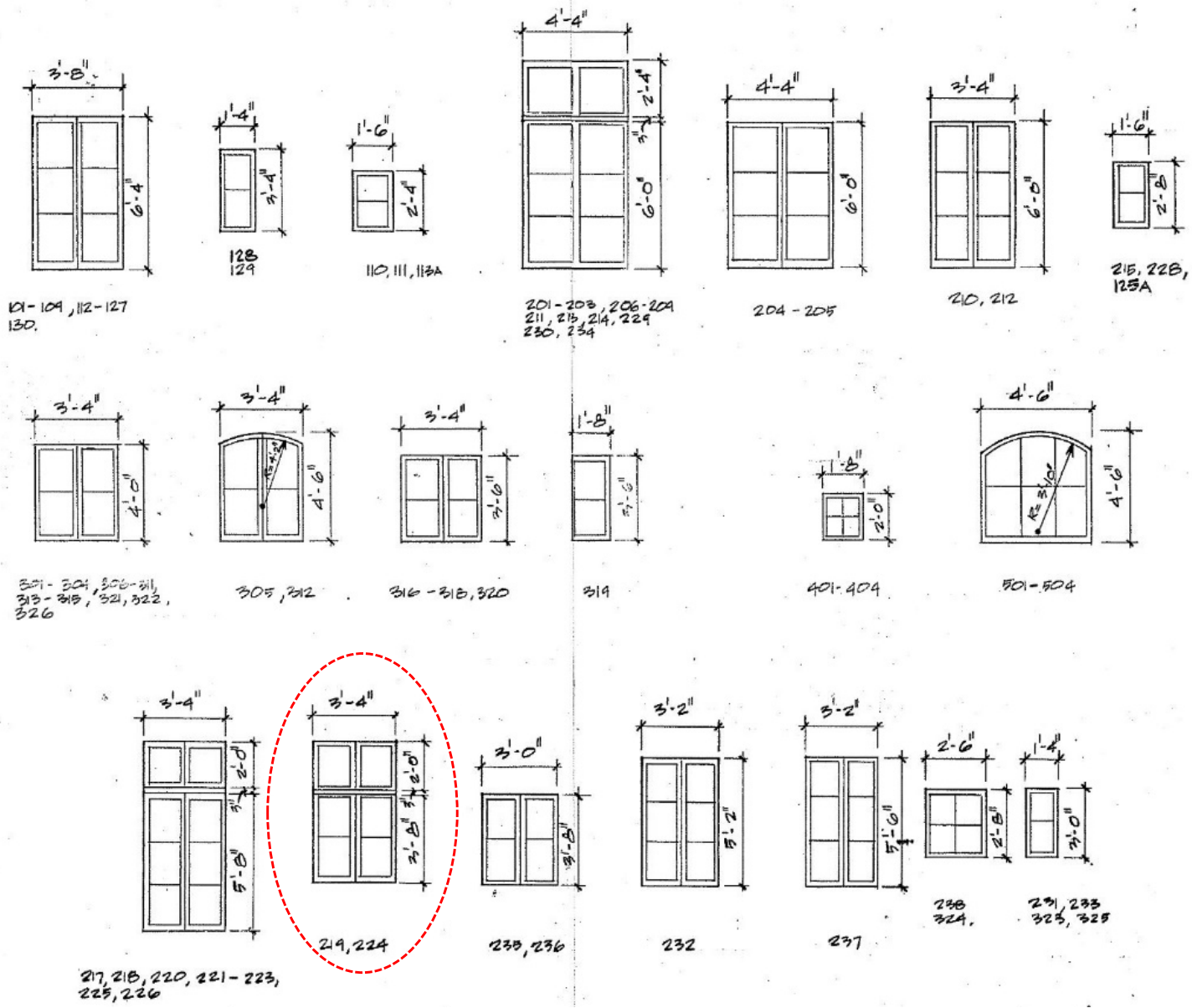
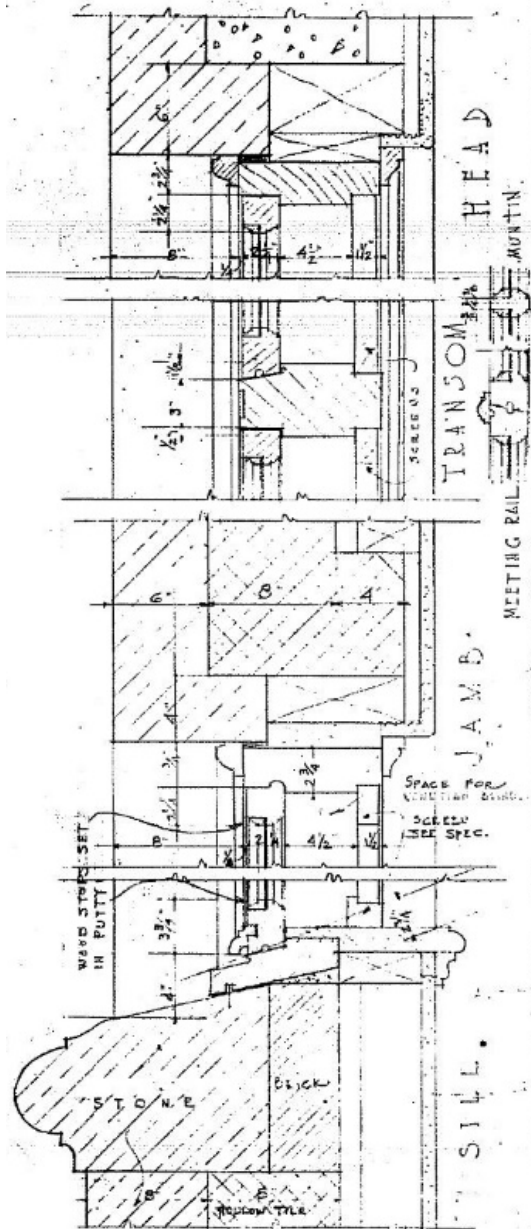


South Elevation



West Elevation

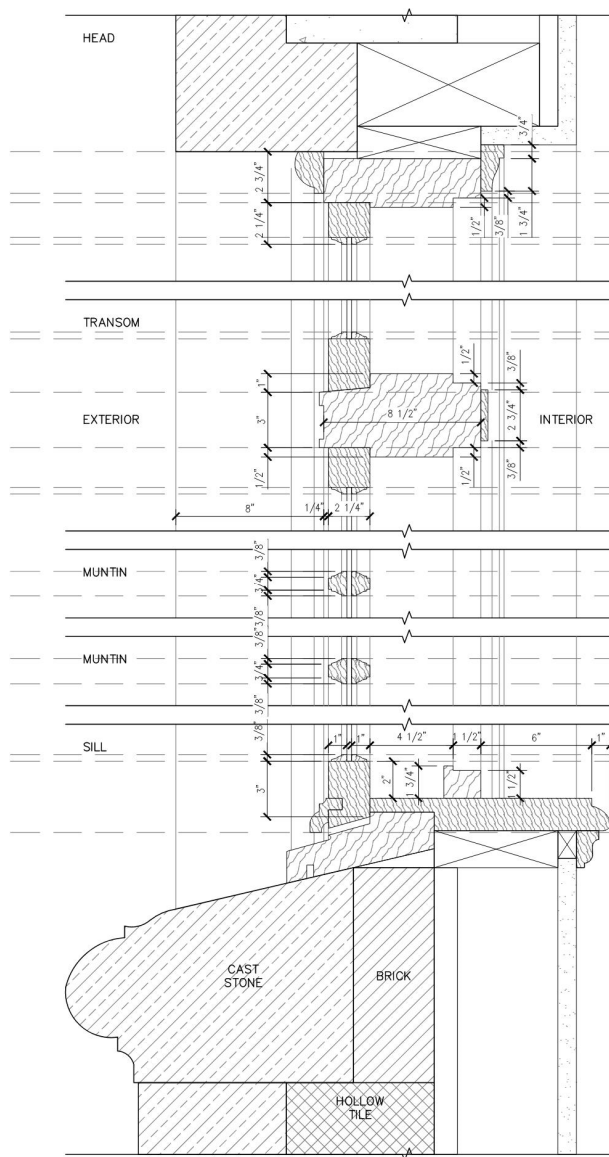
Record Drawings



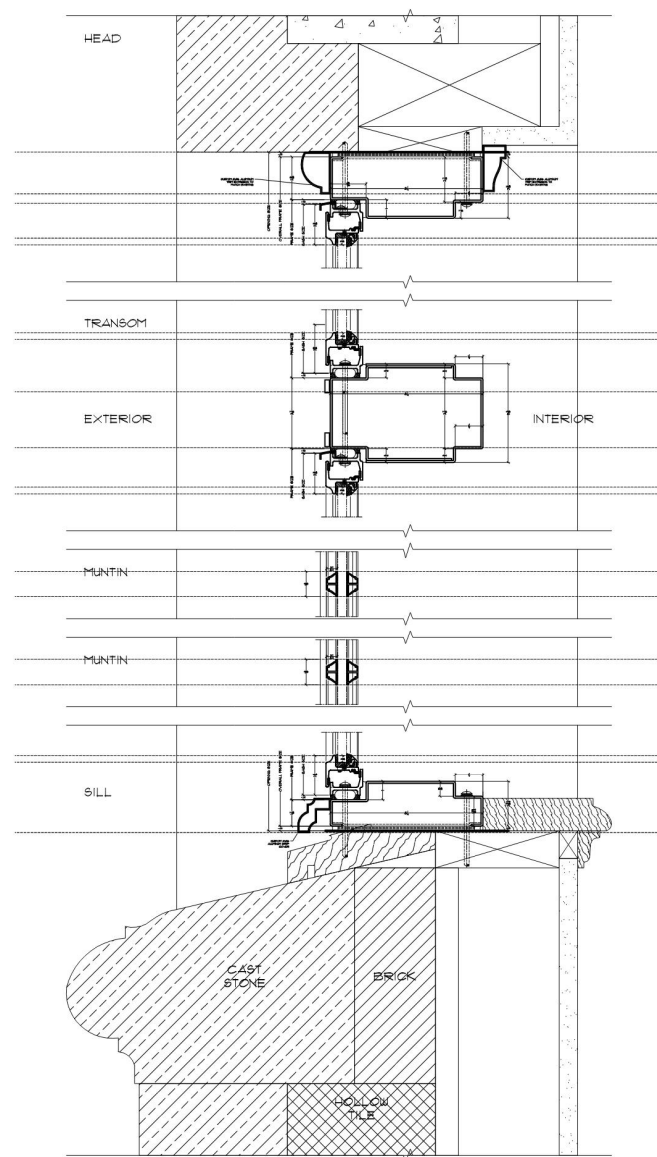
Typical Window Frame for Sash Opening Out

Window Types

Record Drawings

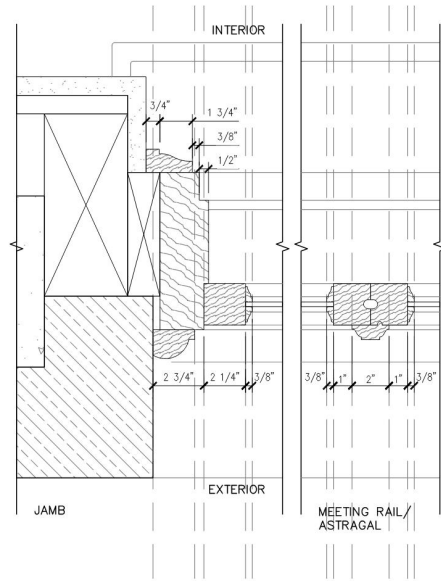


Existing Window Detail

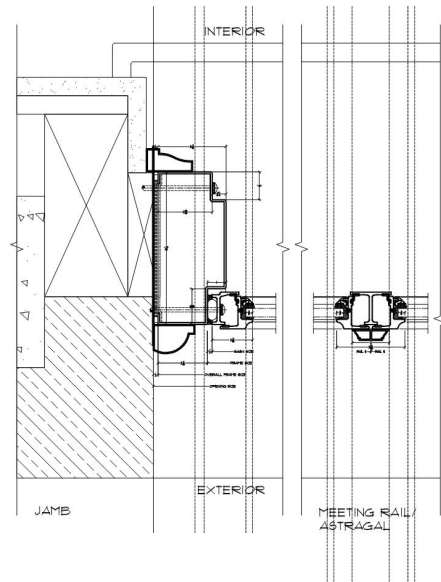


Hope's Window Detail

Profile Comparison



Existing Window Detail



Hope's Window Detail

Profile Comparison

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End of Presentation