

PROVIDENCE ACADEMY

ROOF AND DECK REPAIRS - 2016



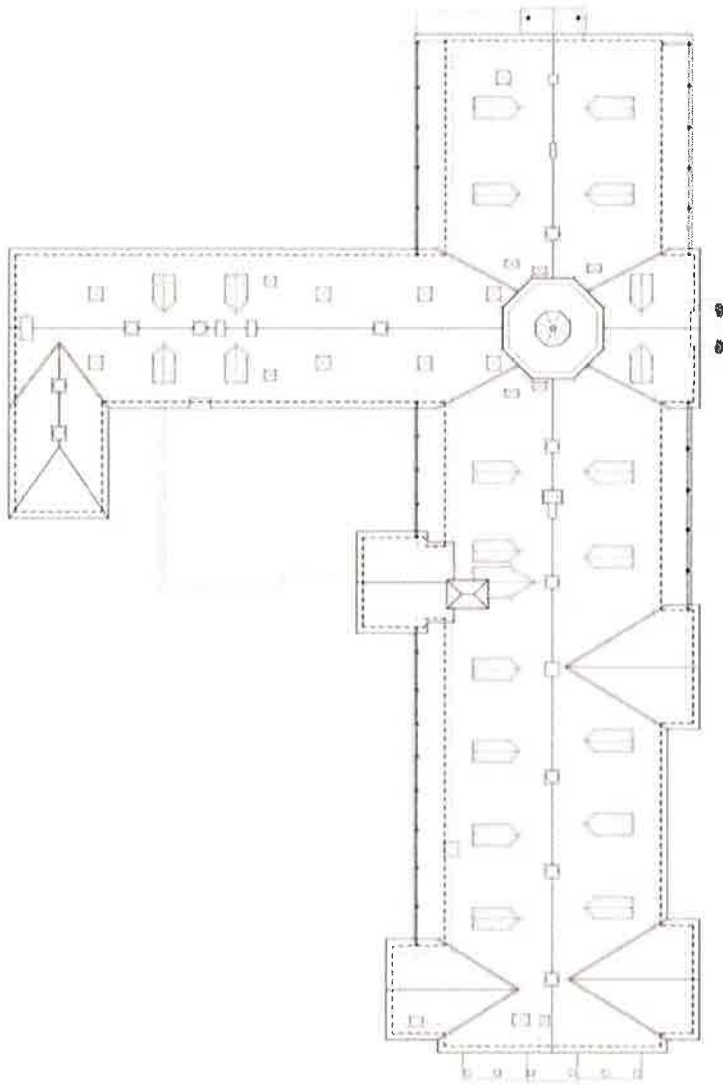
PROJECT GOALS

- Replace roofing
- Improve seismic performance of roof diaphragm
- Replace internal gutters, skylights, cornices and eave trim.
- Replace south deck columns and railings.
- Repair south decks.
- Improve column foundations.

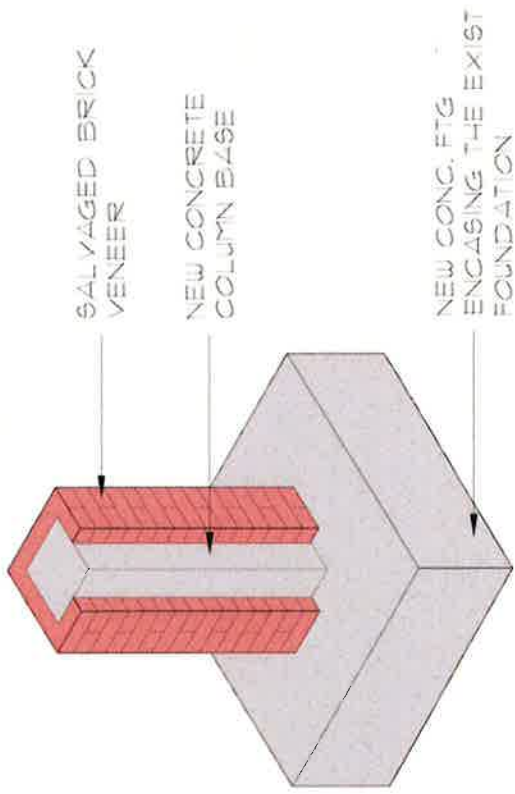


PROJECT QUICK FACTS

- Roof Area: 26,003 s.f.
- Penetrations: 49
- Skylights: 19
- Pitch: 4/12
- Porch area: 2,000 s.f.
- Columns: 39



PORCH COLUMN BASES

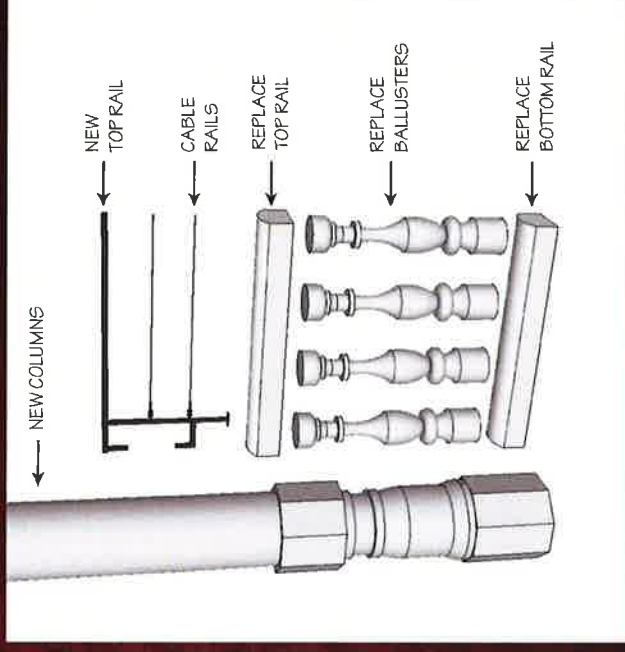


SOUTH DECKS

- Columns are close, but not identical, in profile.
- Some columns have been replaced with straight round, or square columns.
- Existing railing is only 30-inches high.
- The decking boards themselves are in poor condition, but much of the framing is salvageable.

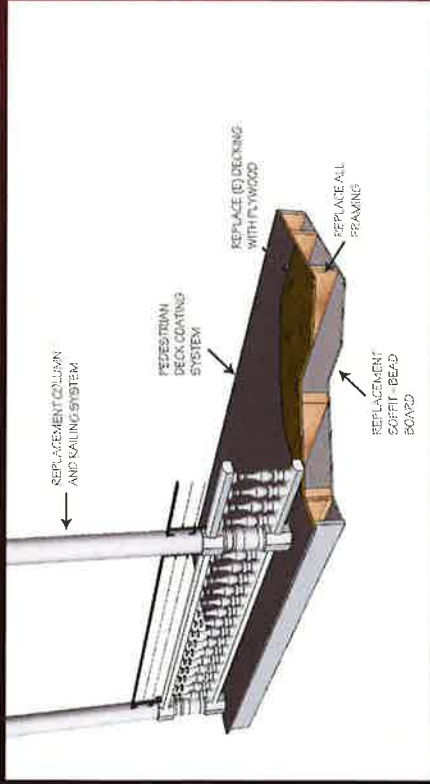


COLUMNS AND RAILINGS



- All columns to be replaced at South decks.
- New columns to be a consistent size.
- The entire railing system at south decks to be replaced, and a new top rail with intermediate cables to be provided.

DECK SYSTEM



- Add new pedestrian traffic coating on decks. Color to be similar to existing.



Column Paint



Traffic Coating



ROOF

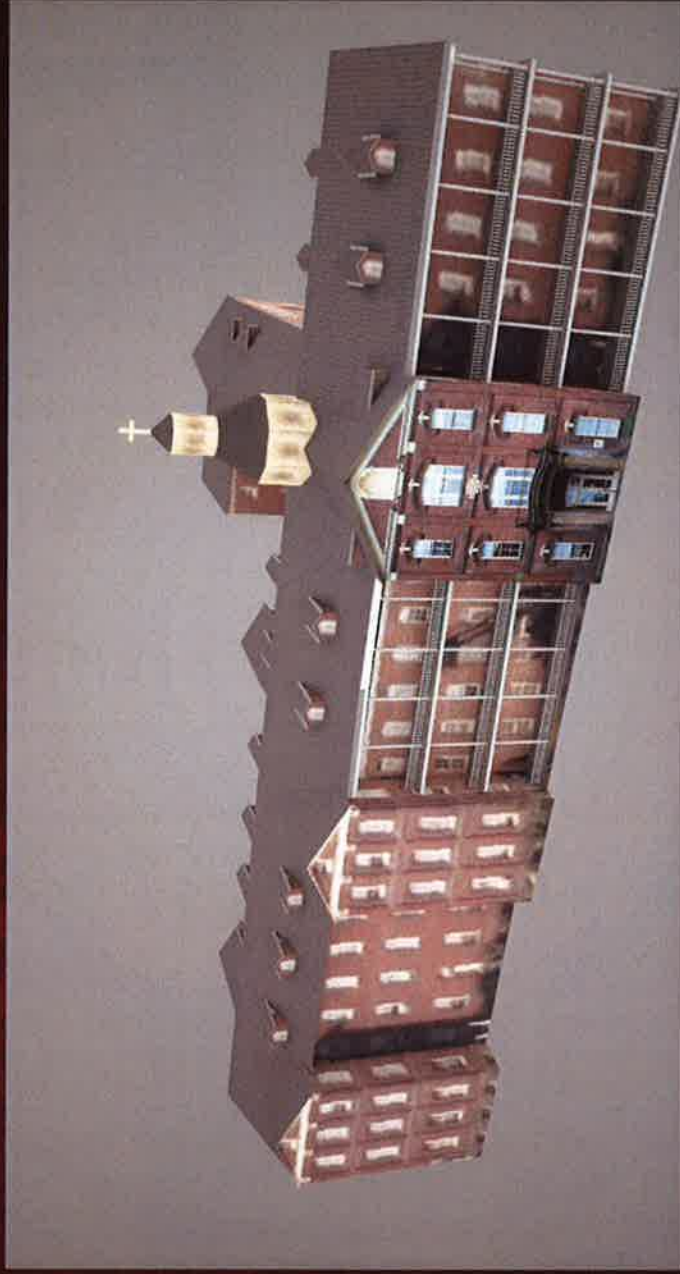


Gutter system is built into the cornice.



Existing roof is composed of several types of roofing materials, including metal and membrane style.

STANDING SEAM METAL ROOF



Replace existing roofing materials with new standing seam metal roof.

SKYLIGHTS



SKYLIGHT REPLACEMENT



Remove skylights in areas where they only serve the attic.
Replace skylights in the sanctuary with new skylight systems. Skylights to be painted to match adjacent roofing material.