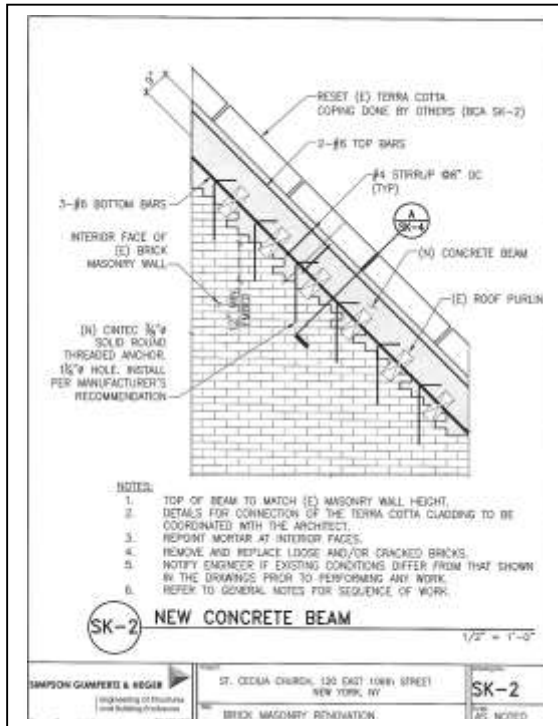


CASE HISTORY

Project: *St Cecilia Church, NYC – 120 East 106th Street*

St. Cecilia Church is a [Roman Catholic Parish Church](#) in the [Roman Catholic Archdiocese of New York](#) and a historic landmark located at 120 East 106th Street between Park Avenue and Lexington Avenue, [Manhattan, New York City](#). The church and convent were listed on the U.S. [National Register of Historic Places](#) in 1984.



The parish was established in 1873. Records show that the cornerstone of the church was laid at 4 p.m. on September 9, 1883. Six months later, on the fourth Sunday of Epiphany 1884, the Most Reverend Archbishop Hayes blessed the basement chapel of what would become the new edifice. That same year, Reverend Michael J. Phelan, famed throughout the Archdiocese of New York as the “builder of churches,” was appointed pastor of St. Cecilia. Fr. Phelan, using the building plans of Napoleon Le Brun, notable for designing the Metropolitan Life Building in New York, took on the duties of general contractor himself, commissioning the services of carpenters, plasterers, tinsmiths, and bricklayers—mostly parishioners. The church was completed in 1887.

The façade of the building is terra cotta with brick back up. In order to complete a roof upgrade a concrete bond beam needed to be formed and poured in place on the existing terra cotta gable ends. A custom designed Cintec was used to attach the rebar cage to terra cotta gable end. The Cintec anchor is embedded 12” into the terra cotta with 8” of exposed 3/8”

stainless threaded rod bent at a 90 degree angle. The bent rebar is then latched to rebar cage to retain it in place.



Figure A shows the anchor prior to installation.



Figure B show the installed anchors with wire cage.



Figure C is the wire cage attached to the terra cotta along the full length of the gable end.

Site Issues: Install a concrete bond beam over terra cotta façade at the roof gable ends

| | |
|---------------------------|------------------------------------|
| Owner | New York Archdiocese |
| Contractor | Imhoff Company Inc |
| Architect | Arthur J. Sikula Associates |
| Engineer of Record | SGH (Simpson Gumpertz & Heger Inc) |