

### The current proposal is:

Preservation Department – Item 2, LPC-24-06643

# 119 Pierrepont Street – Brooklyn Heights Historic District Borough of Brooklyn

To testify virtually, please join Zoom

Webinar ID: 863 9606 8609

Passcode: 648010

By Phone: 1 646-558-8656 US (New

York) 877-853-5257 (Toll free) US

888 475 4499 (Toll free)

**Note**: If you want to testify virtually on an item, join the Zoom webinar at the agenda's "Be Here by" time (about an hour in advance). When the Chair indicates it's time to testify, "raise your hand" via the Zoom app if you want to speak (\*9 on the phone). Those who signed up in advance will be called first.

# FIRST UNITARIAN CONGREGATIONAL SOCIETY BROWN UNIVERSALIST CONGREGATION



## FIRST UNITARIAN CONGREGATIONAL SOCIETY IN BROOKLYN

119 PIERREPONT STREET, BROOKLYN NY 11201

STONE FINIAL REPLACEMENT



First Unitarian Congregational Society in Brooklyn

- Renee Strickland, Director of Building Operations and Events
- Tom Check, Member of the Facilities Committee

### **AYON Studio**

- Angel Ayón, Principal
- Tejal Shrotriya, Preseravtion Architect

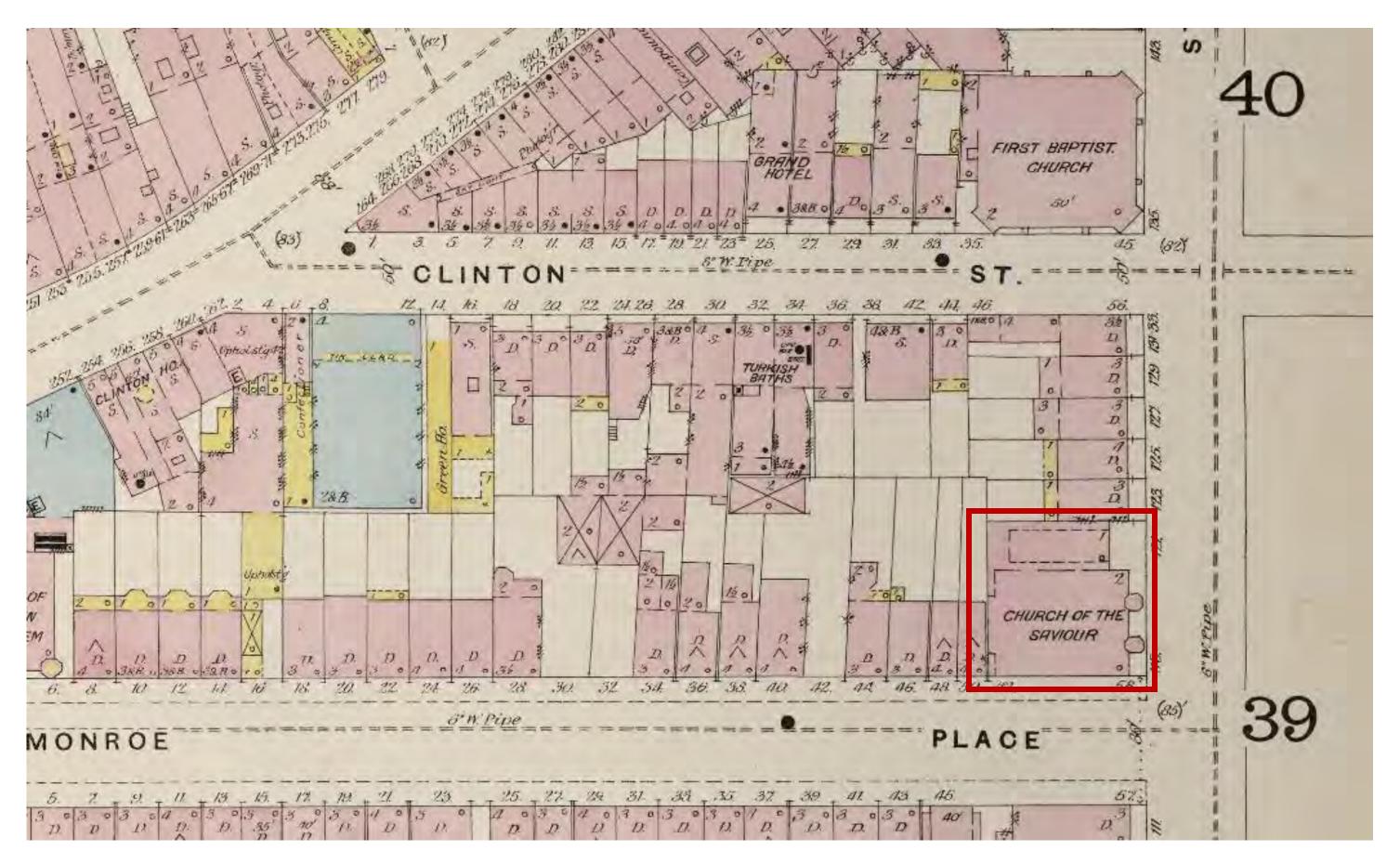
### First Unitarian Congregation

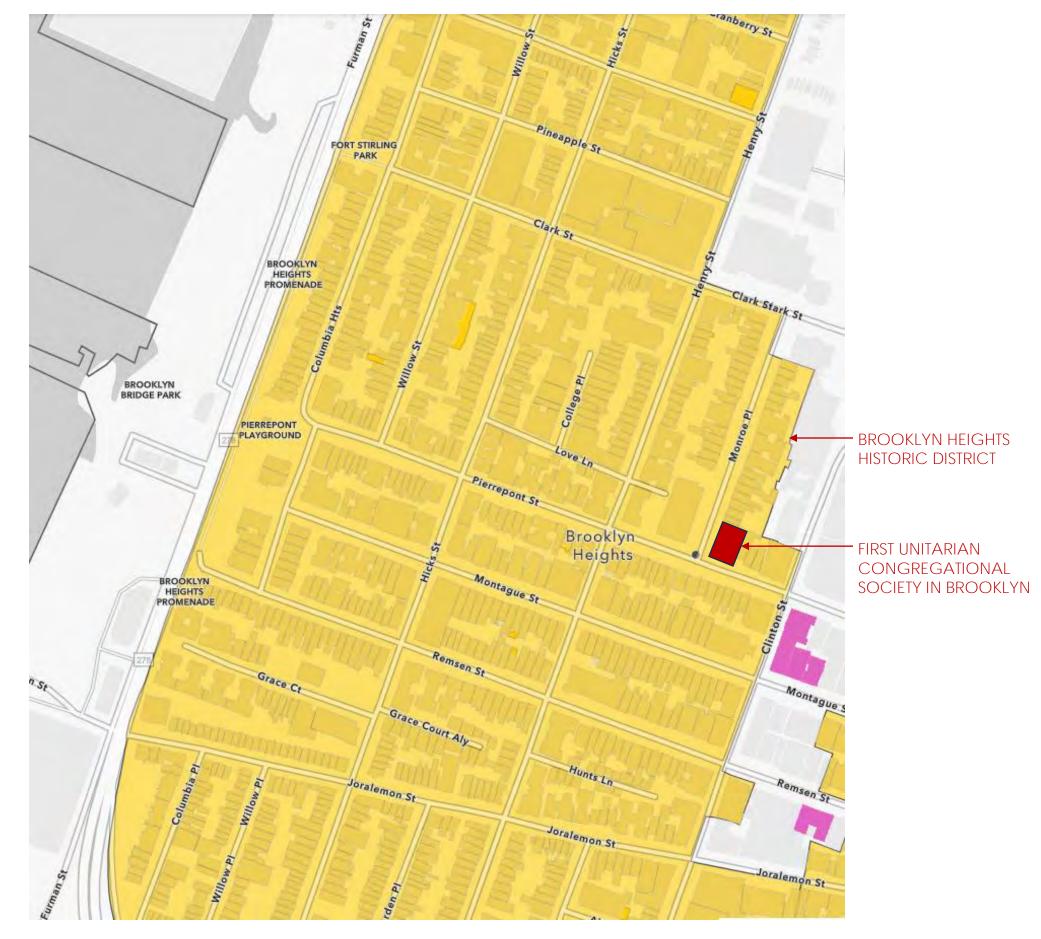
- a. Founded in 1833
- b. Built the Church of the Saviour in 1844, Minard Lafever as Architect
  - Stained glass windows by Tiffany Studios installed in early 20<sup>th</sup> century.
- c. 275 active members
- d. Our spaces are used by many community groups:
  - Pre-K program Mon-Fri
  - Overflow classrooms for St. Ann's School
  - After-school theater and music classes
  - Concerts and performances
  - 12-step programs and other community groups
  - Ceremonies for non-congregants baby blessings, bar/bat mitzvahs, weddings, funerals/memorials

Stewards of the legacy of this historic building





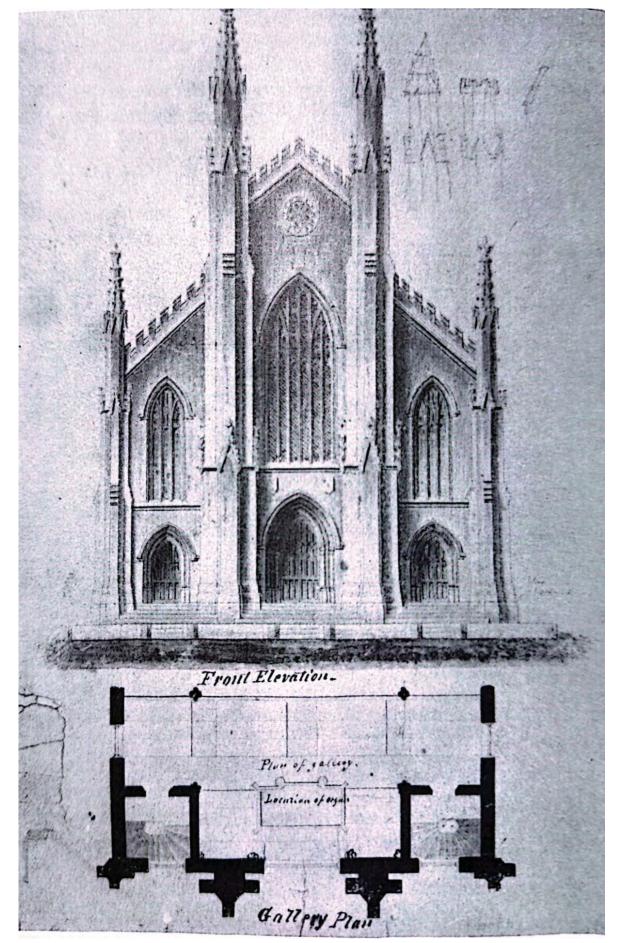


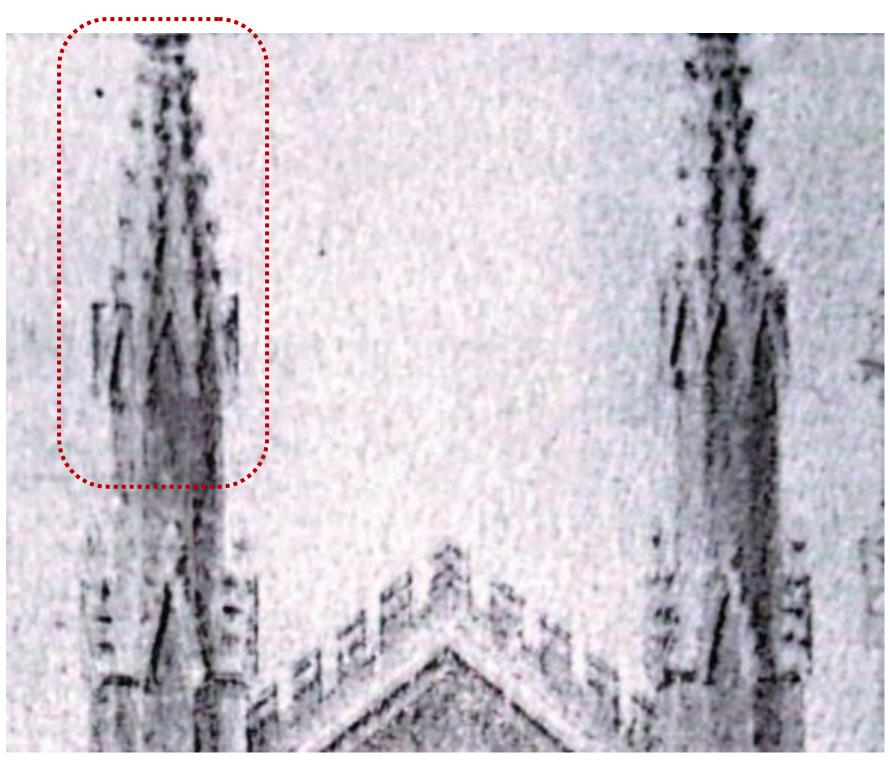


# HISTORICAL CONTEXT

- ORIGINAL DESIGN
- HISTORIC PHOTOGRAPHS
- HABS PHOTOGRAPHS





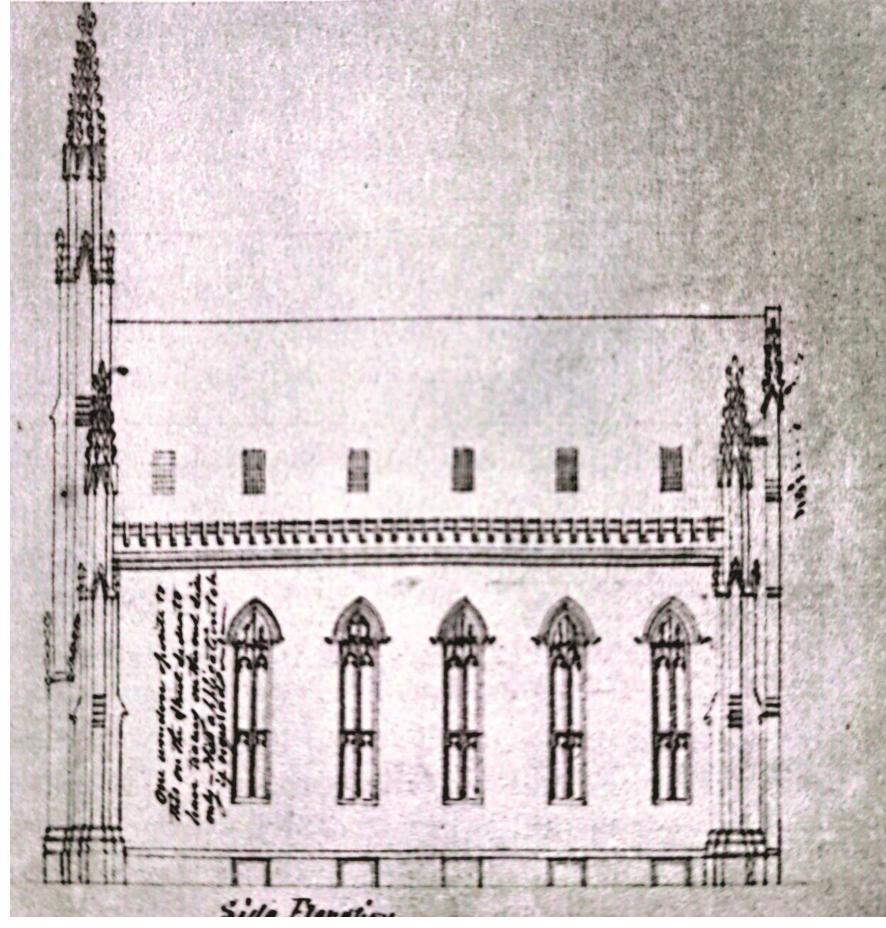


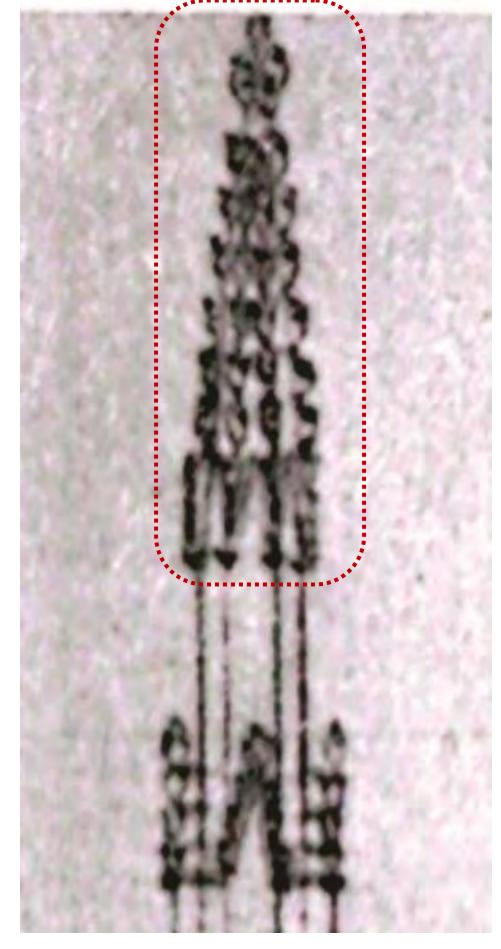
Church of the Saviour, Brooklyn – Minard Lafever's Architectural Drawings (ca. 1842).

HISTORICAL CONTEXT

LPC 07

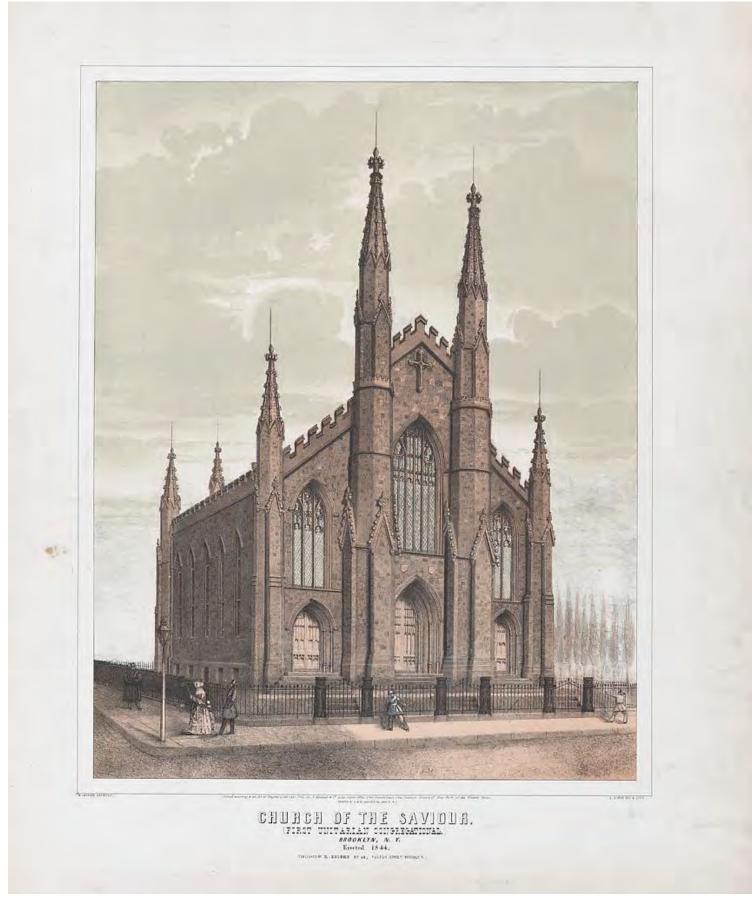


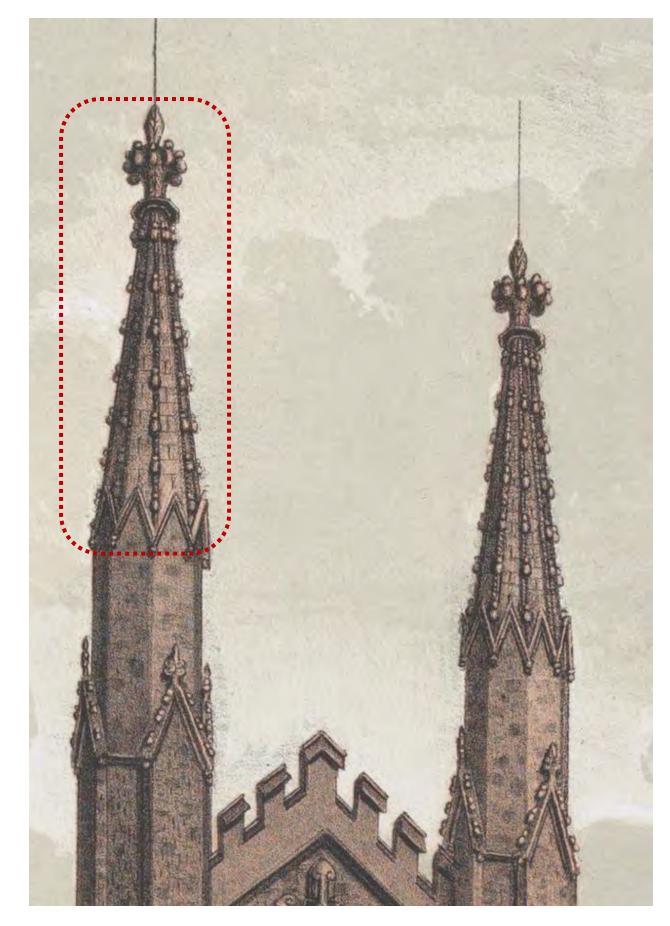




Church of the Saviour, Brooklyn – Minard Lafever's Architectural Drawings (ca. 1842). LPC 08 HISTORICAL CONTEXT



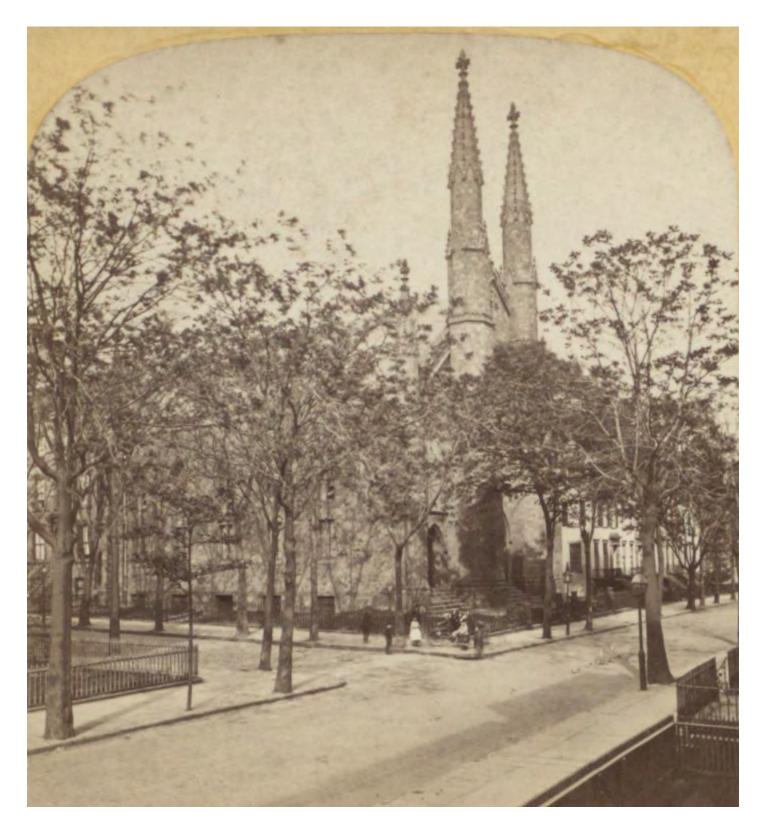


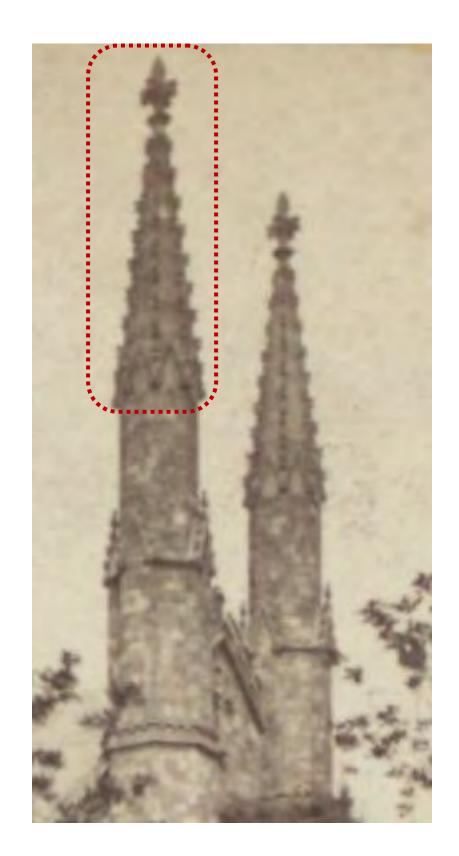


Church of the Saviour, Engraving – Ezra Bisbee Archival Collection (ca. 1845).

HISTORICAL CONTEXT

LPC 09



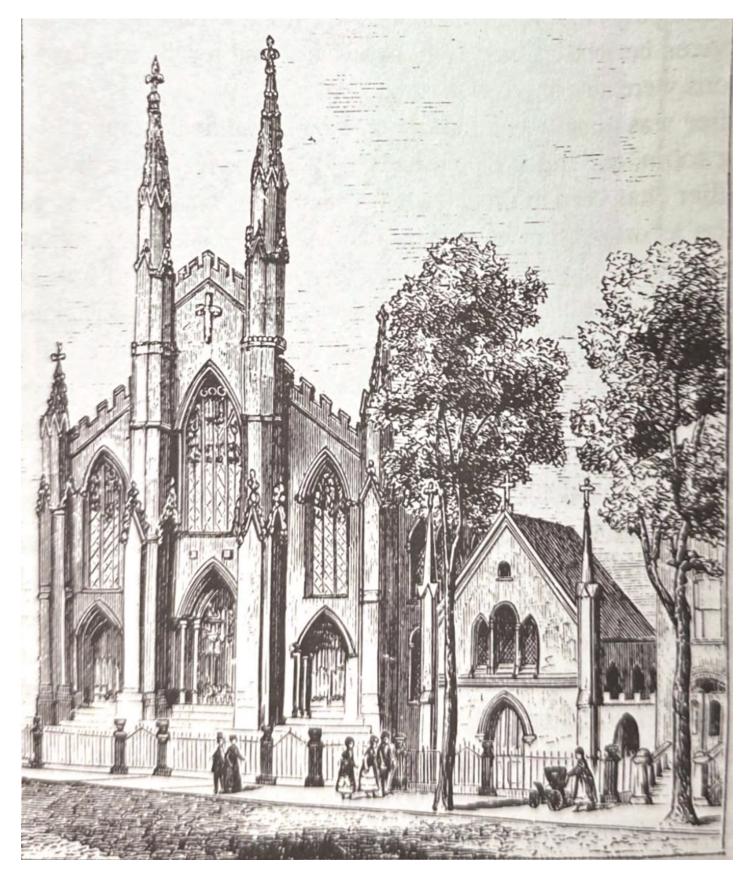


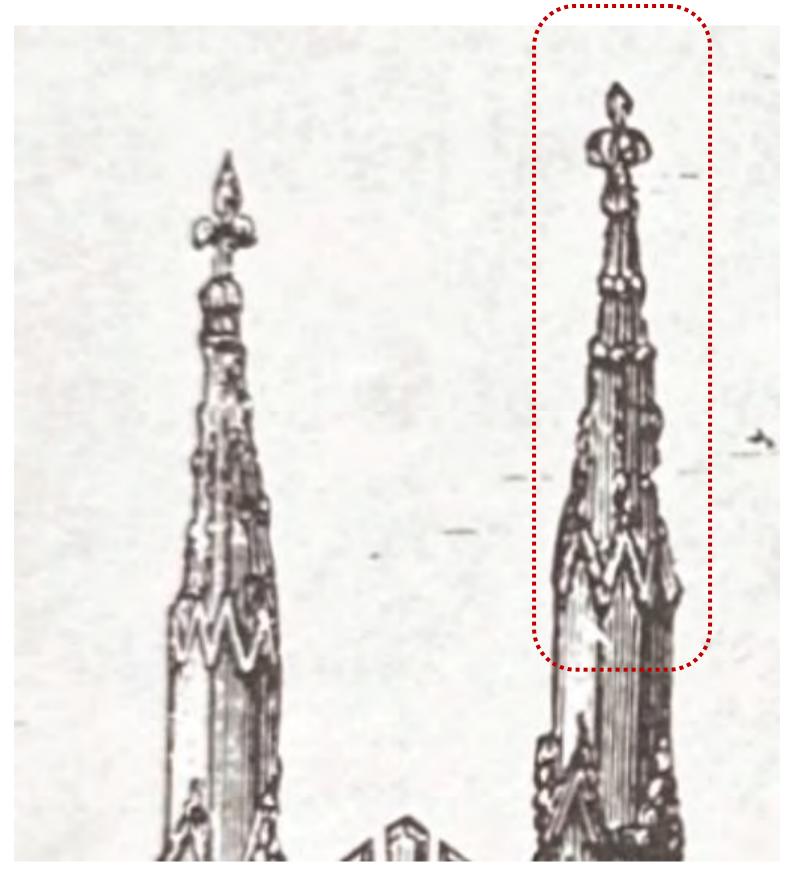
Church of the Saviour, Brooklyn - NYPL Digital Archival Collection (ca. 1850).

HISTORICAL CONTEXT

LPC 10

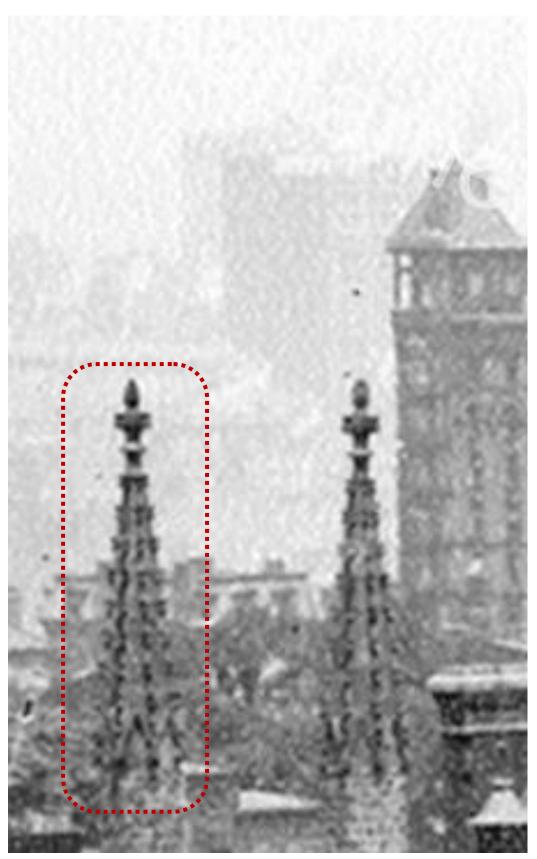






Contemporary engraving of the Church of the Saviour, Brooklyn – the First Unitarian Church of Brooklyn, 150 Years - Olive Hoogenboom (ca. 1884).



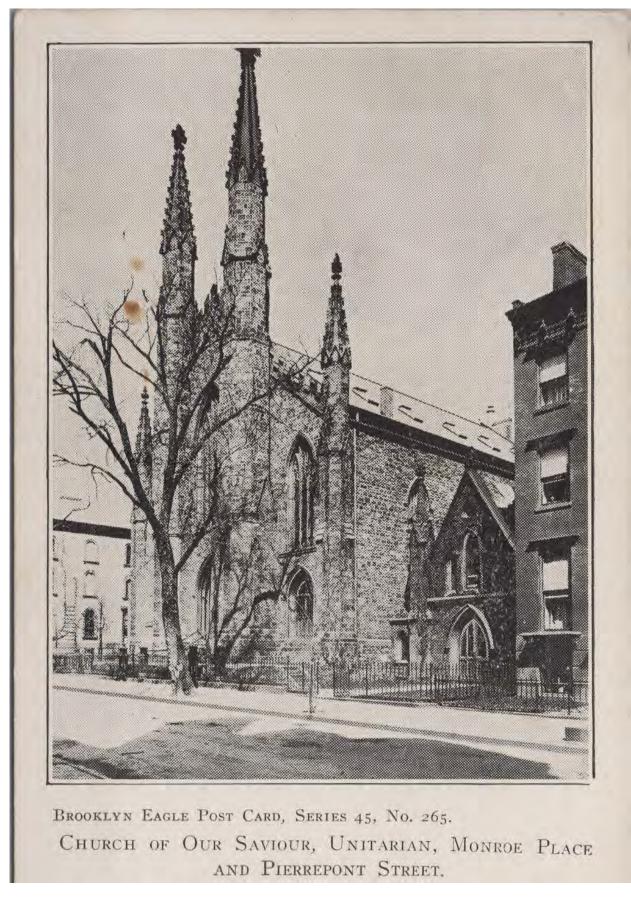


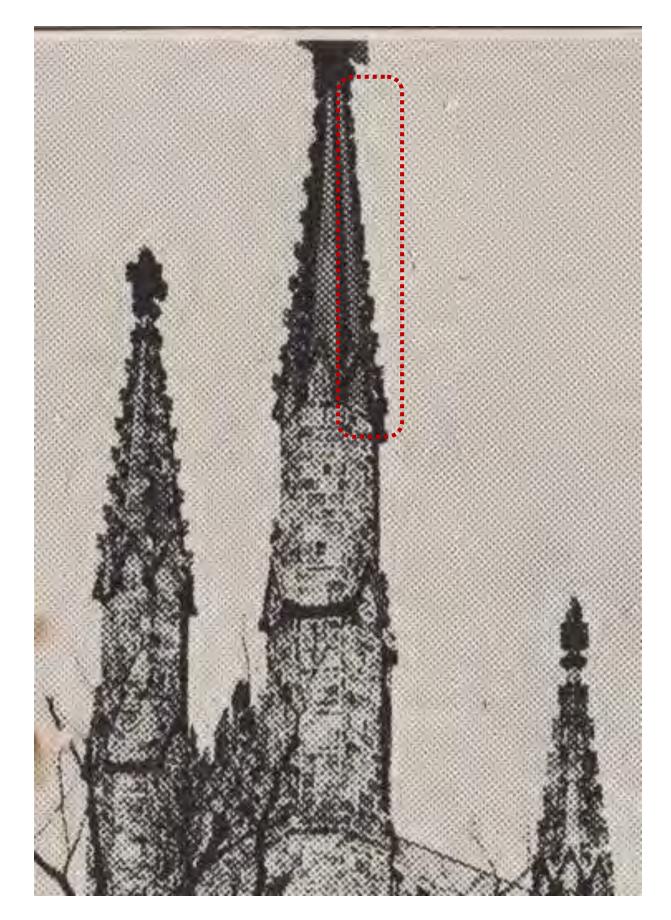
Rooftop view of Brooklyn Heights, Church of the Saviour, Brooklyn – The New York Historical Society (ca. 1895).

HISTORICAL CONTEXT

LPC 12







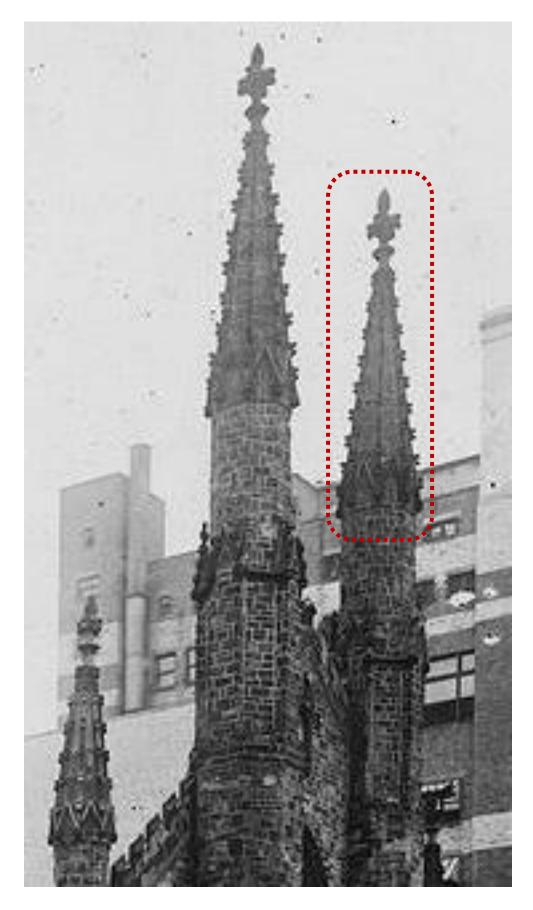
Church of the Saviour, Brooklyn – Brooklyn Eagle Post Card, Archival Collection (ca. 1902-1907).

HISTORICAL CONTEXT

LPC 13





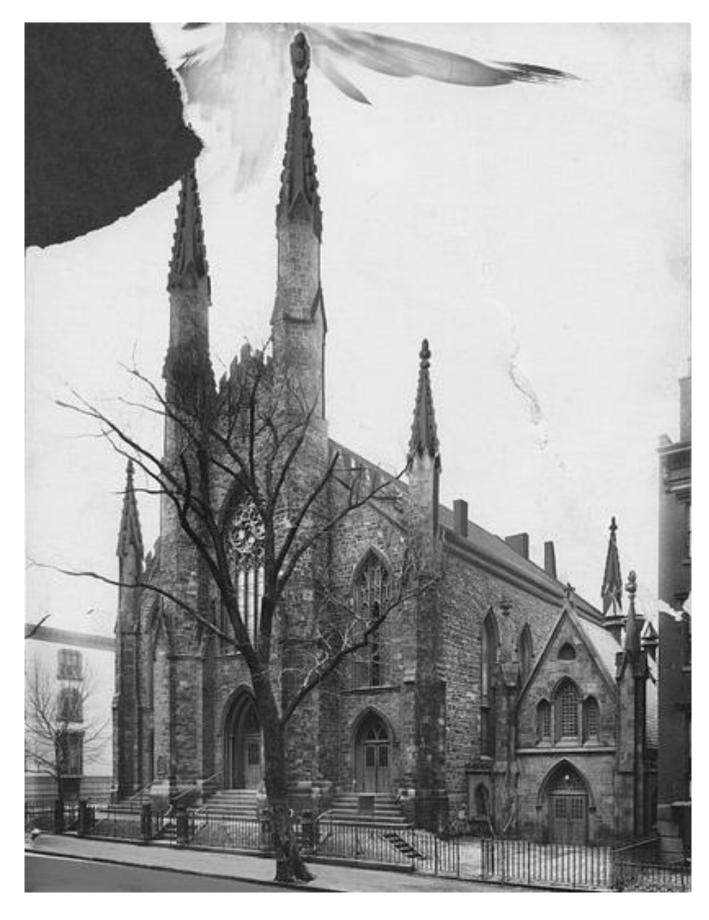


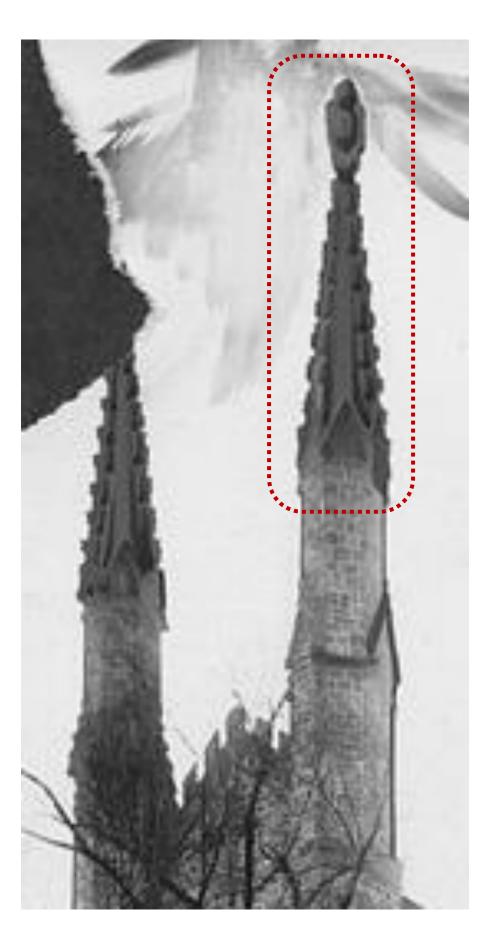
Church of the Saviour - Photograph by Eugene L. Armbruster, The New York Historical Society (ca. 1922).

HISTORICAL CONTEXT

LPC 14





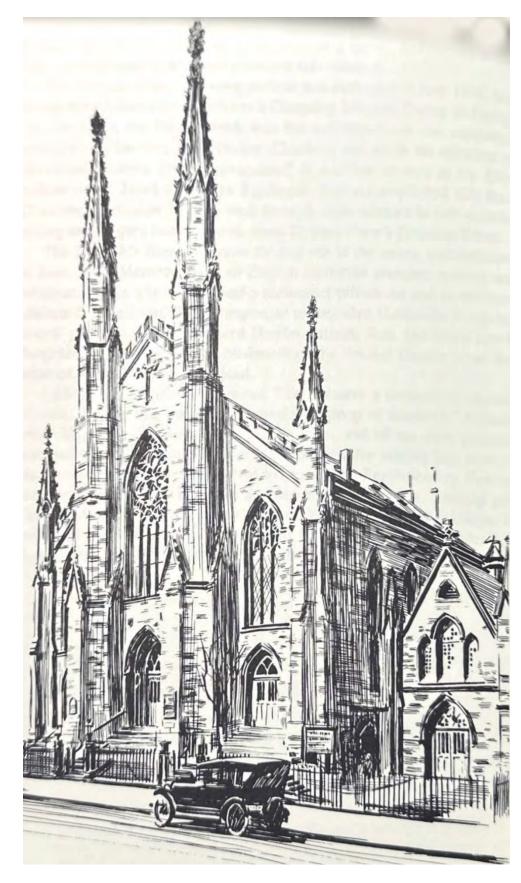


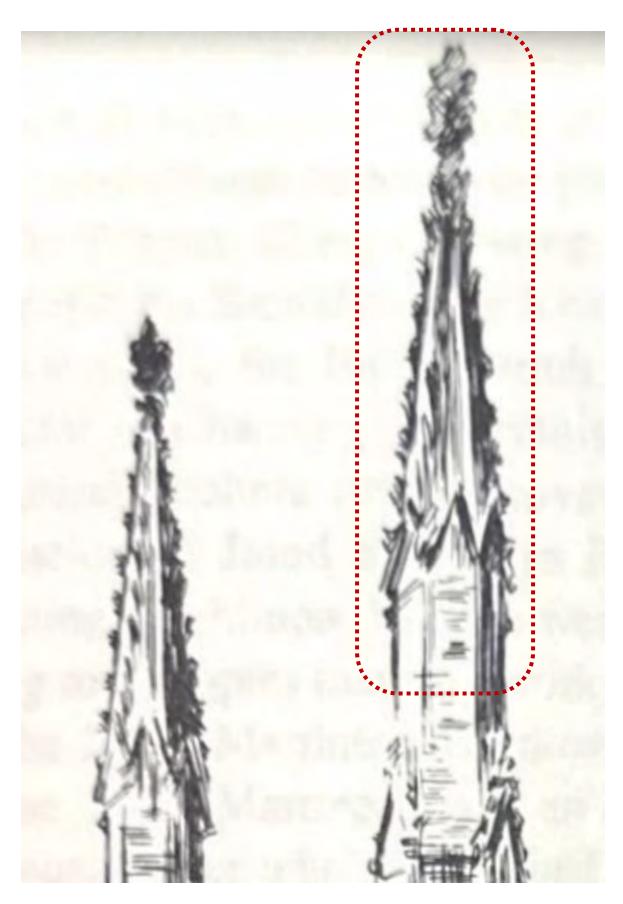
First Unitarian Congregational Society in Brooklyn – Brooklyn Public Library (ca. 1933).

HISTORICAL CONTEXT

LPC 15







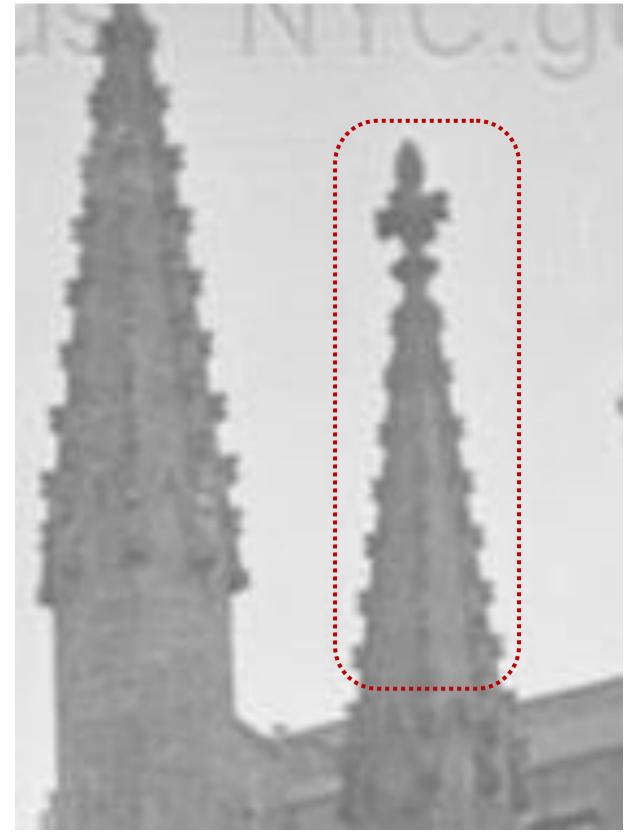
A pen and ink view of the Church of the Saviour - Drawn by William F. Matthews (ca. 1930).

HISTORICAL CONTEXT

LPC 16

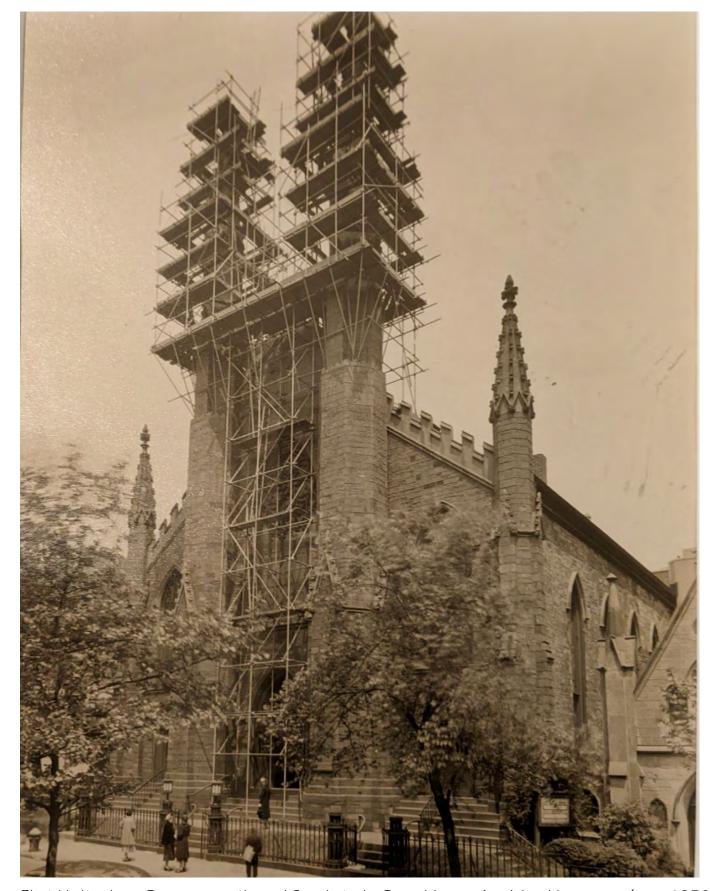


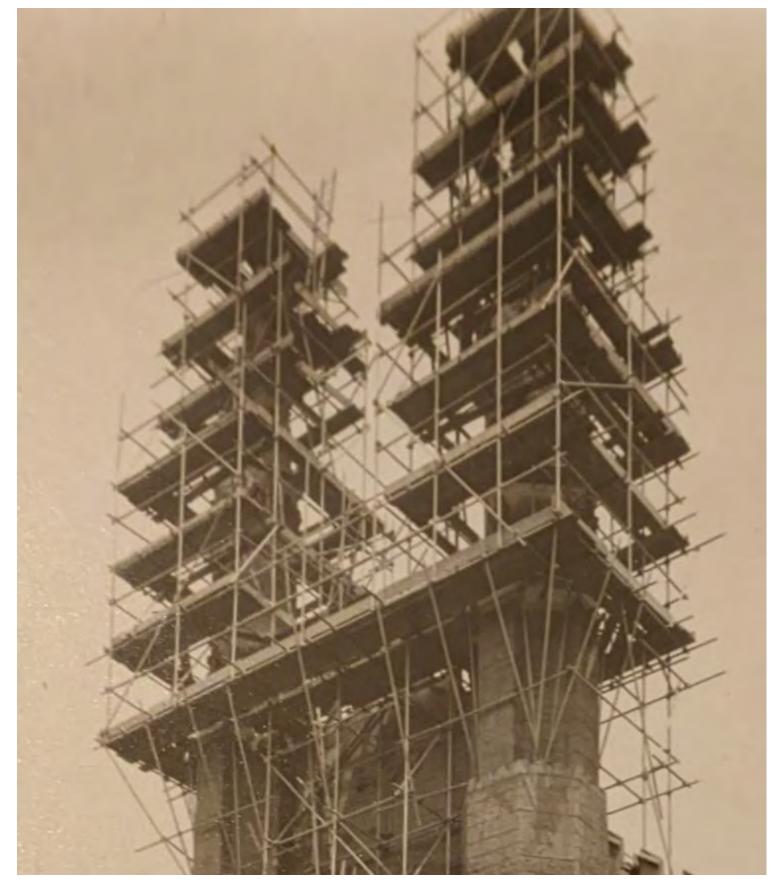




First Unitarian Congregational Society in Brooklyn - Historic Tax Photograph, NYC Municipal Archives (ca. 1940).





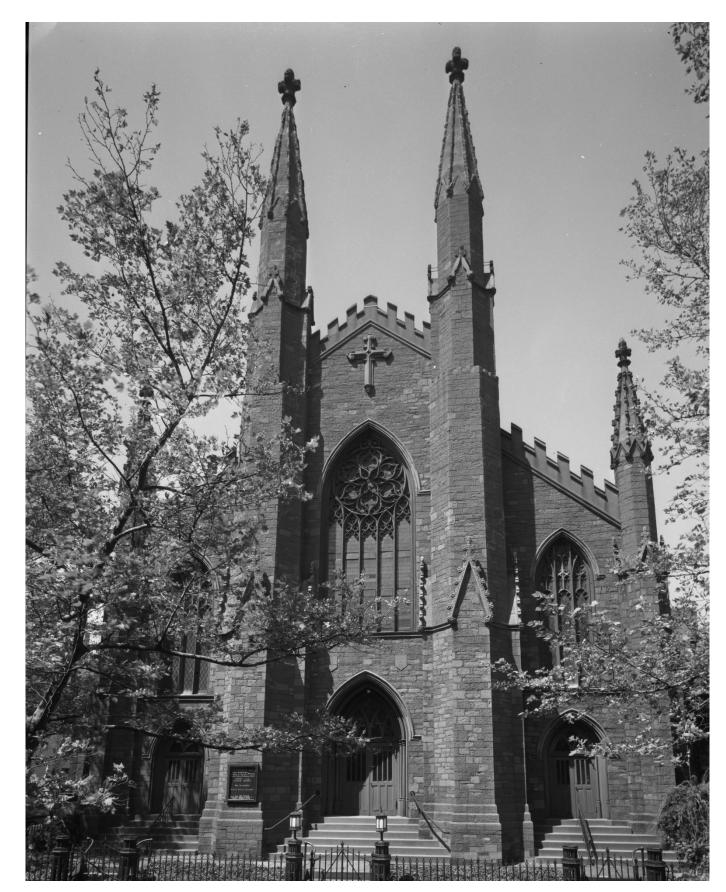


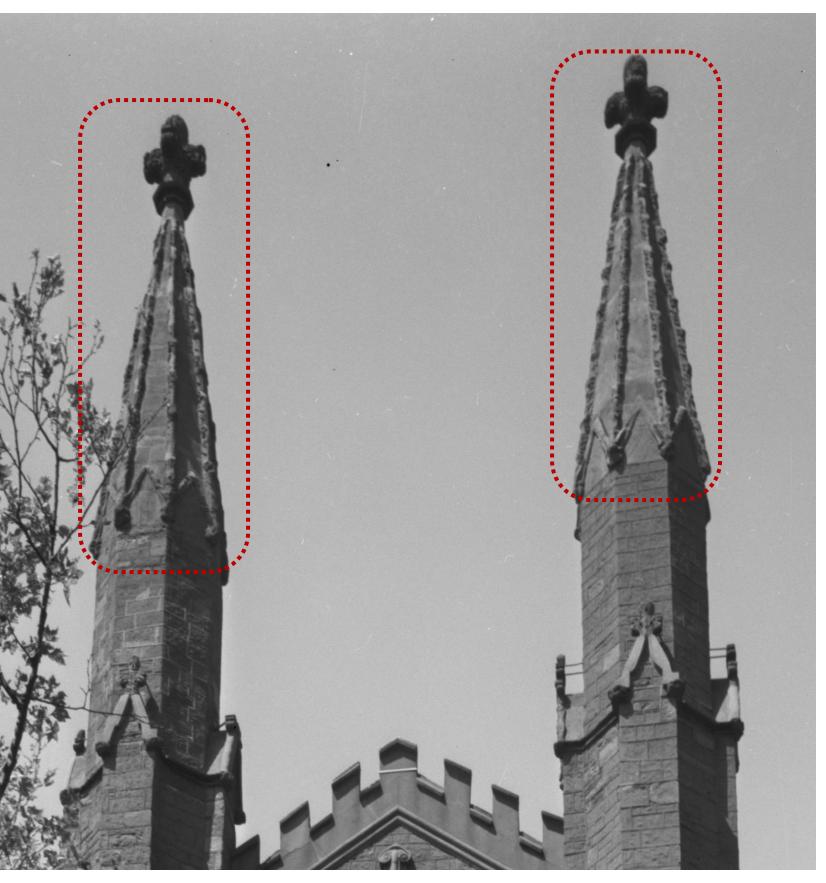
First Unitarian Congregational Society in Brooklyn – Archival images (ca. 1950).

LPC 18









First Unitarian Congregational Society in Brooklyn - Historic American Buildings Survey (ca. 1965). HISTORICAL CONTEXT



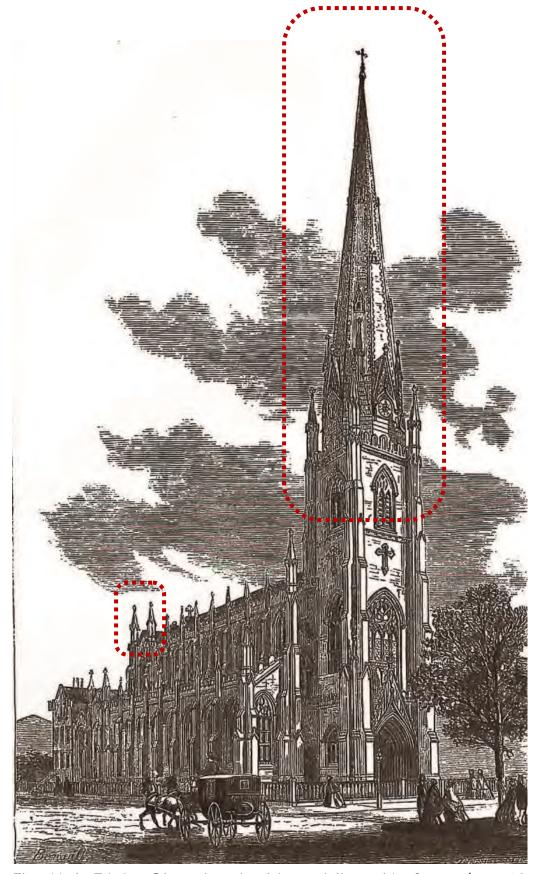


First Unitarian Congregational Society in Brooklyn - LPC Archival Collection (ca. 1965).

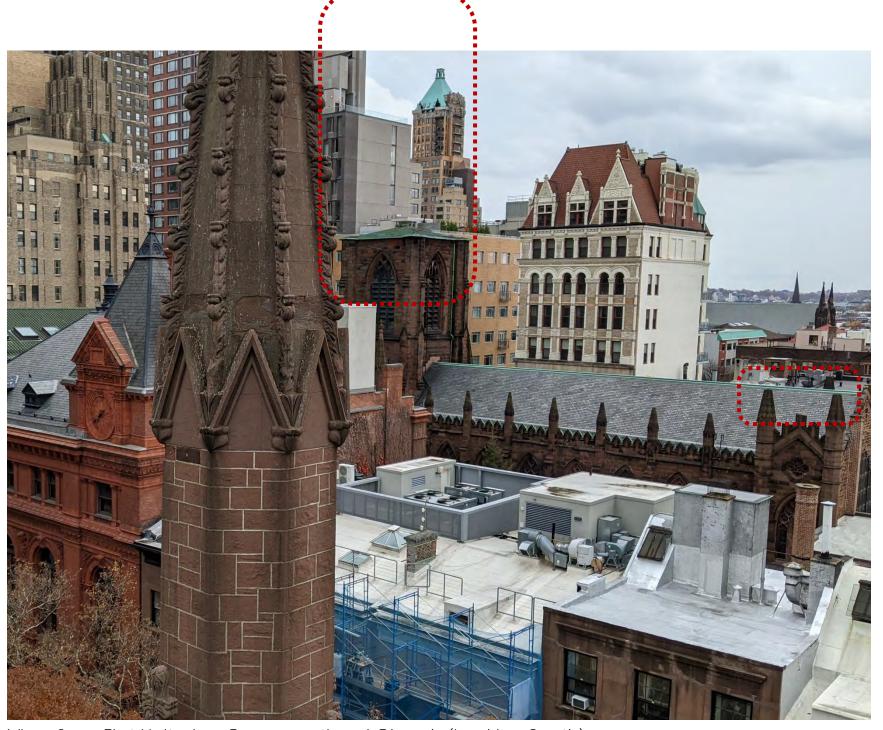
HISTORICAL CONTEXT

LPC 20





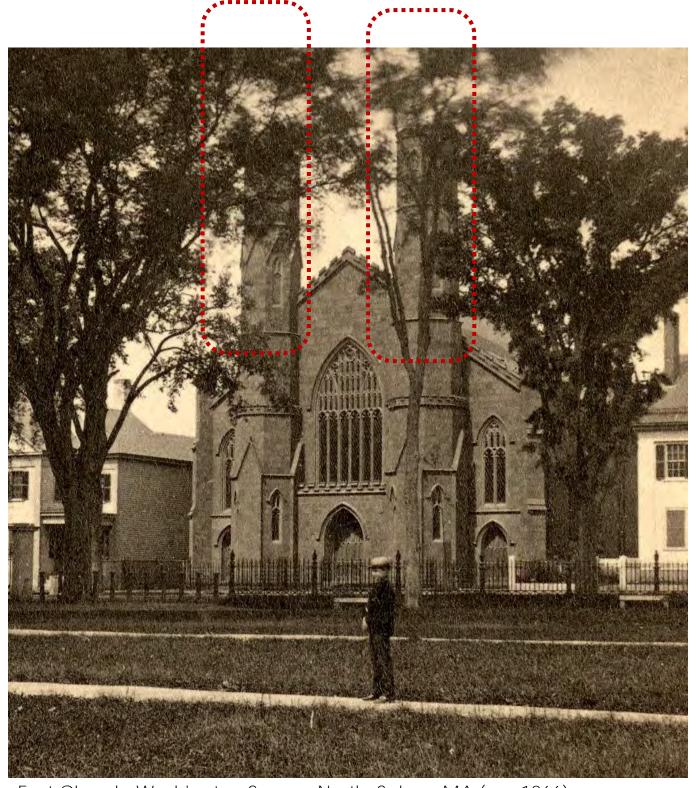
The Holy Trinity Church - Architect Minard Lafever (ca. 1847).



View from First Unitarian Congregational Church (Looking South).

Brownstone spire removed in 1906 due to 'Stone Decay' and to allow for subway construction below the church foundation. HISTORICAL CONTEXT





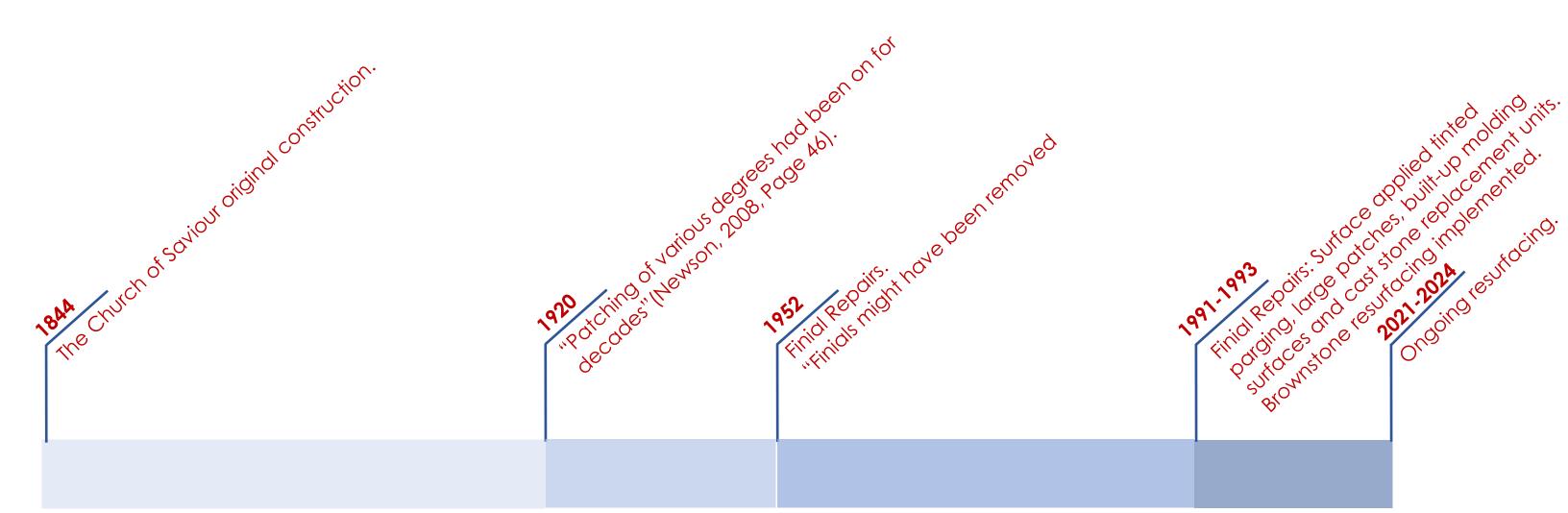
SALEM WITCH MUSEUM

East Church, Washington Square North, Salem, MA (ca. 1866).

East Church, Washington Square North, Salem, MA (2023).

Removal of the spires due to constant deterioration of the brownstone and damaged by a fire in 1902.





# PRE-EXISTING CONDITIONS

■ 1991-1996 CONDITIONS AND REPAIRS





Previous Repairs and Decay (ca. 1991).

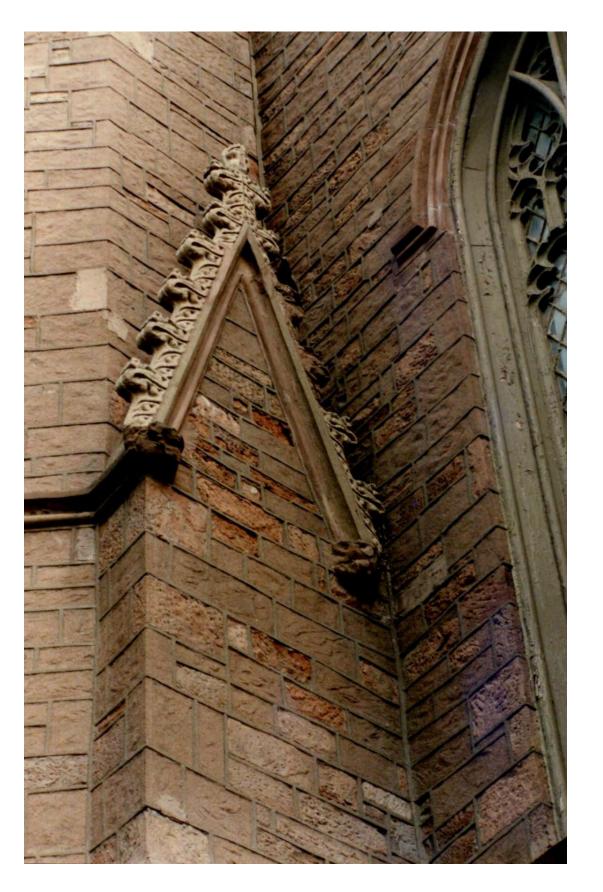
PRE-EXISTING CONDITIONS (1991-1996)



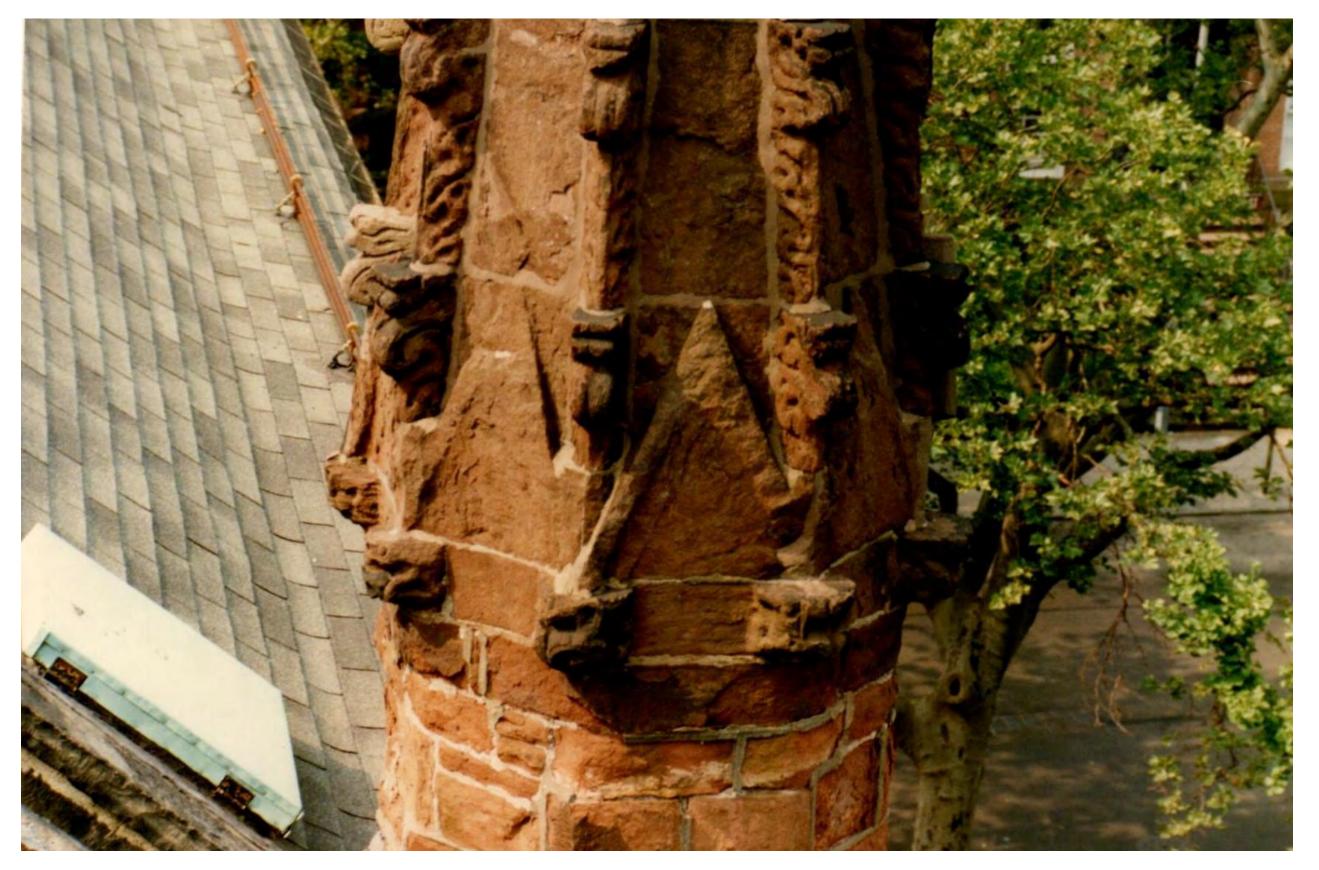


Previous Repairs and Decay (ca. 1991).

PRE-EXISTING CONDITIONS (1991-1996)







Previous Repairs and Decay (ca. 1991).

PRE-EXISTING CONDITIONS (1991-1996)



# EXISTING CONDITIONS

- 2021 BOOM LIFT INSPECTION
- 2023 SCAFFOLD FINDINGS



Existing Horizontal Crack









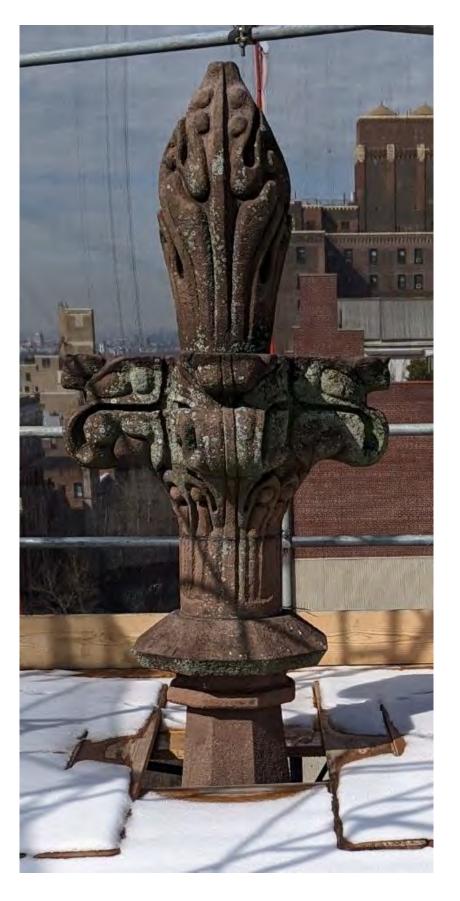
2021 Findings - Tower #1.

EXISTING CONDITIONS





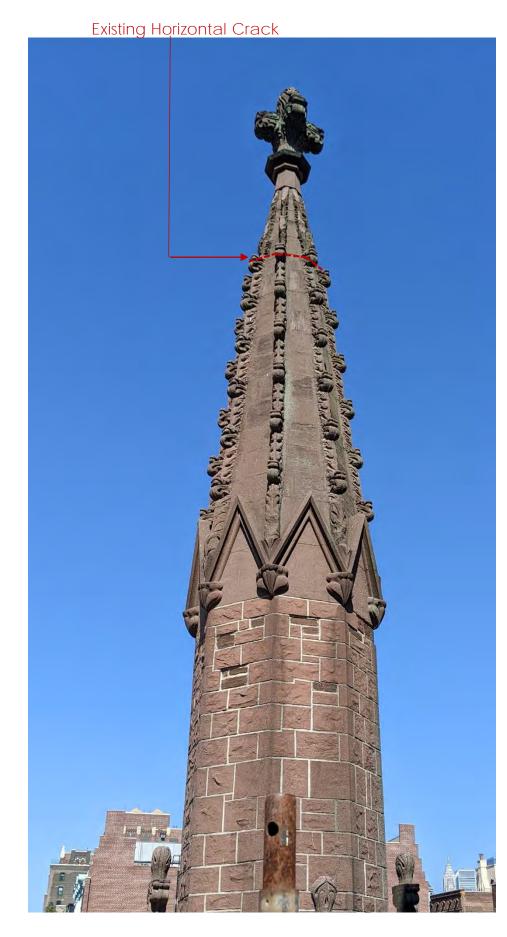




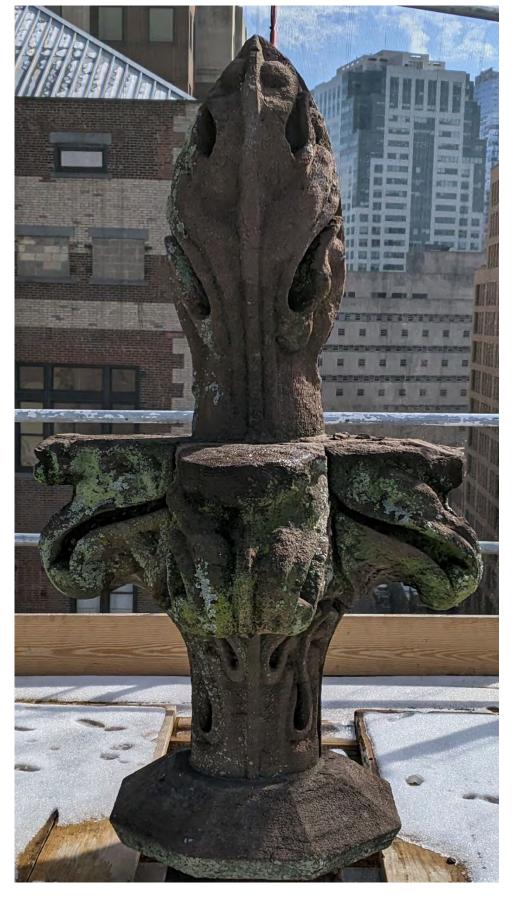
2021 Findings- Tower #2.

EXISTING CONDITIONS









2021 Findings- Tower #3.

EXISTING CONDITIONS





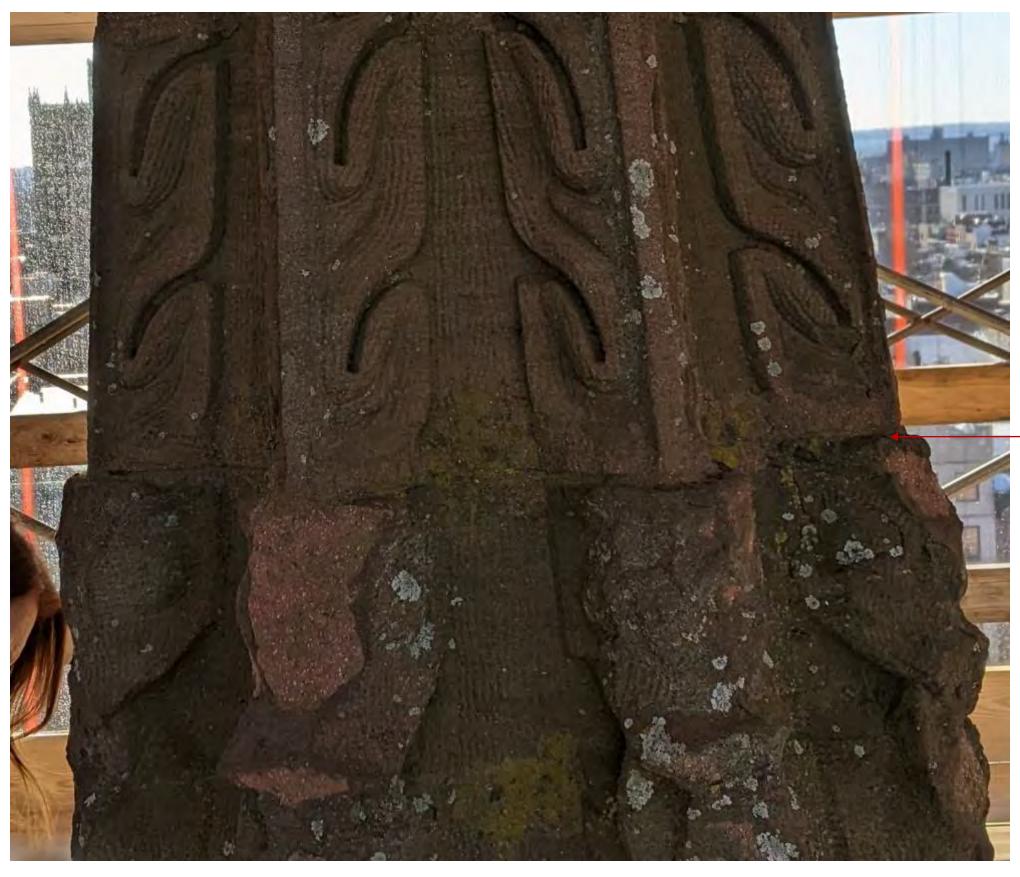




2021 Findings- Tower #4.

EXISTING CONDITIONS



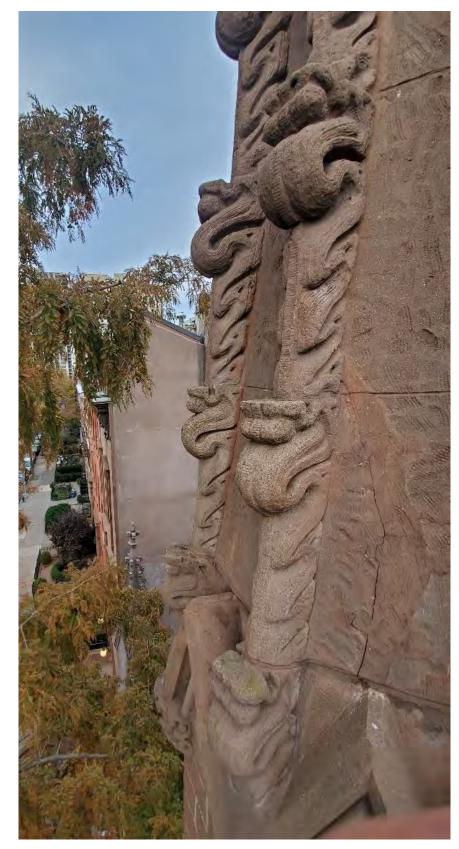


- EXISTING HORIZONTAL CRACK (TYPICAL AT ALL FOUR SPIRES)

2021 Findings- Tower #4 Horizontal Cracks.

EXISTING CONDITIONS







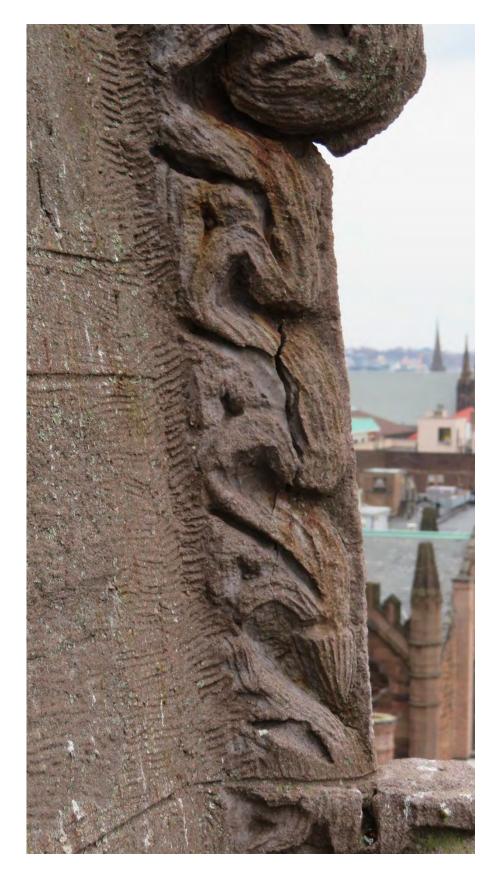


Stone Finials – Cracks, Spalls, Poor Repairs. EXISTING CONDITIONS





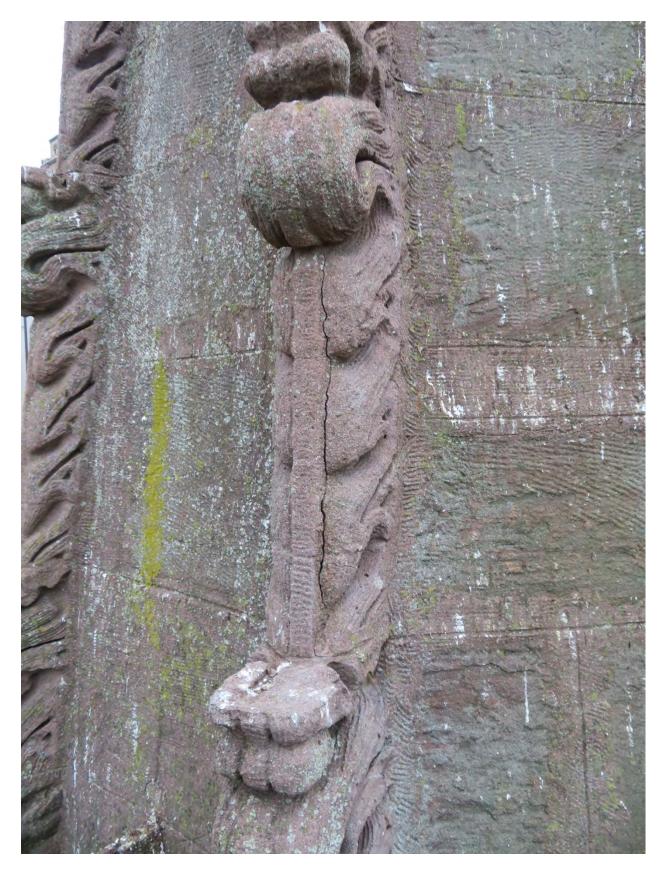




Stone Finials – Cracks.

EXISTING CONDITIONS



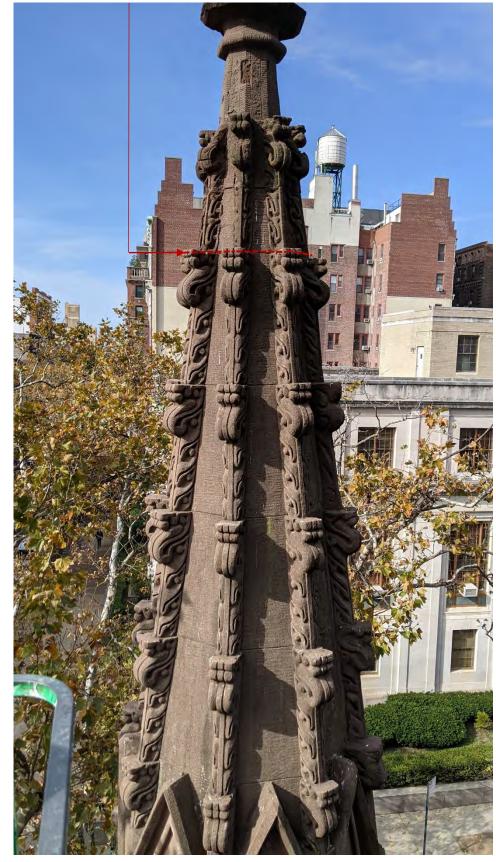


Stone Finials – Cracks.

EXISTING CONDITIONS

**AYONSTUDIO**ARCHITECTURE • PRESERVATION, P.C.

#### Existing Horizontal Crack





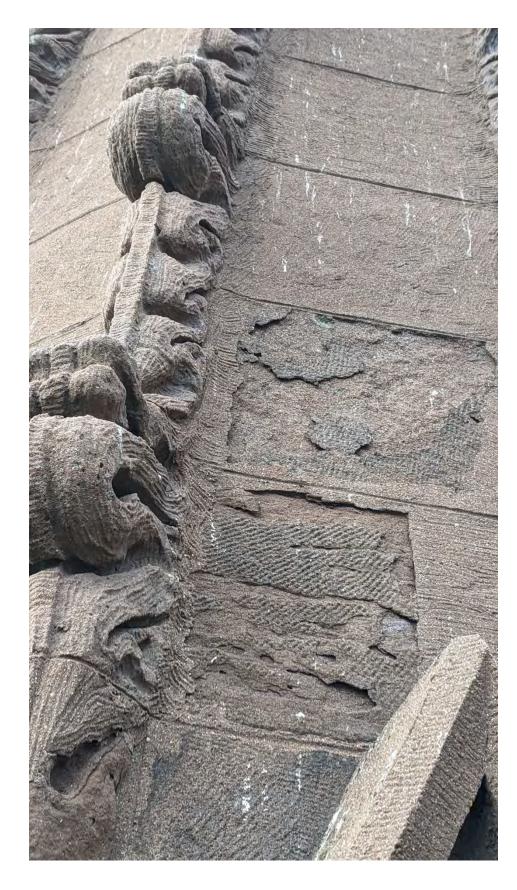
Stone Finials – Horizontal Cracks and Poor Repairs. EXISTING CONDITIONS



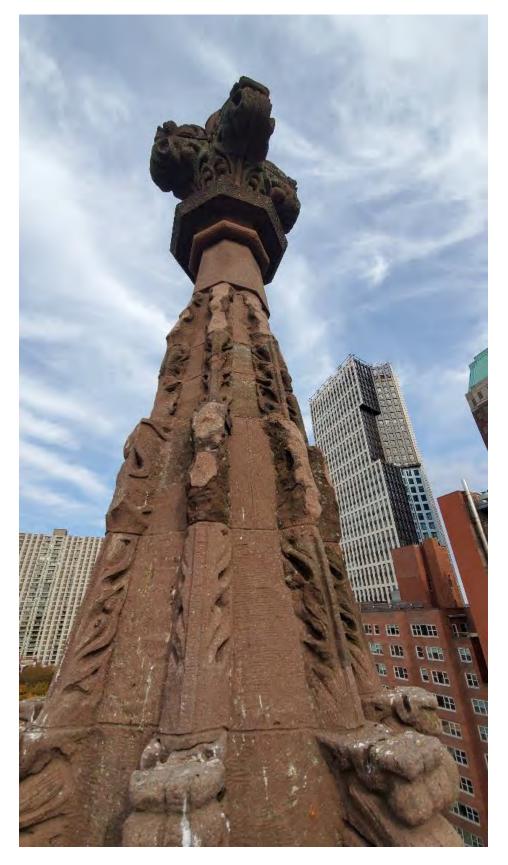


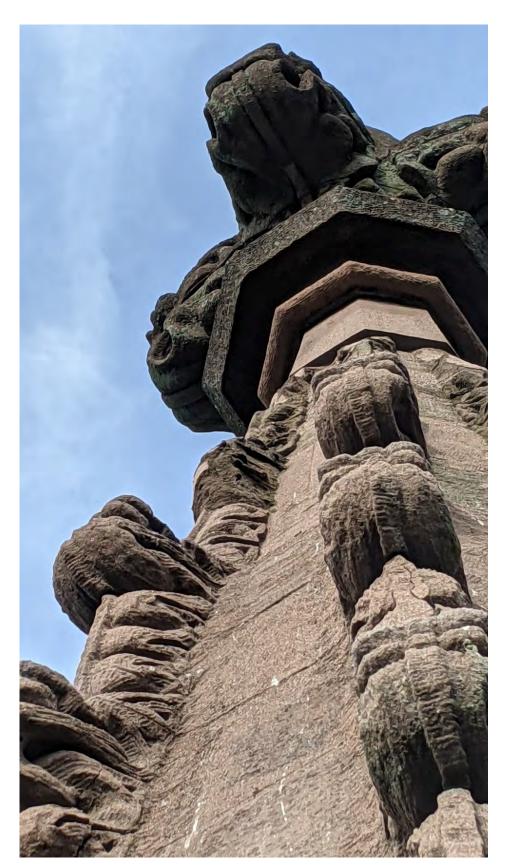


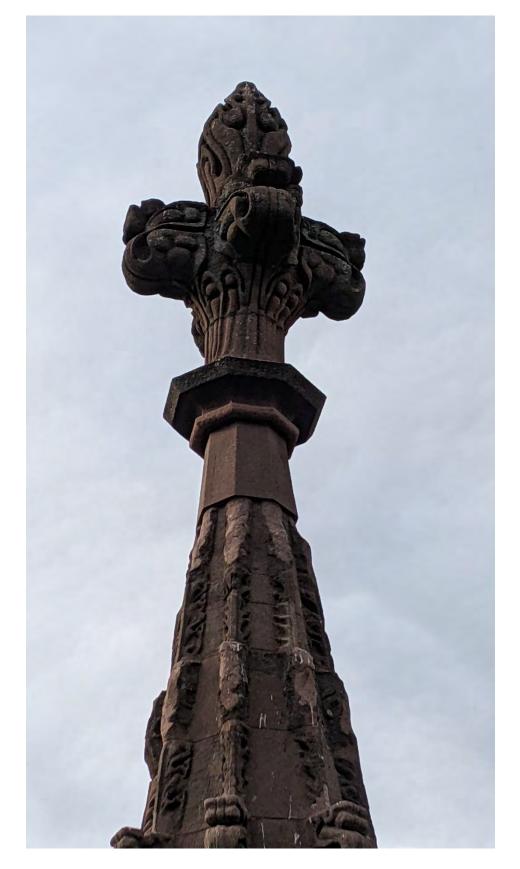
Stone Finials – Resurfacing Failures.
EXISTING CONDITIONS









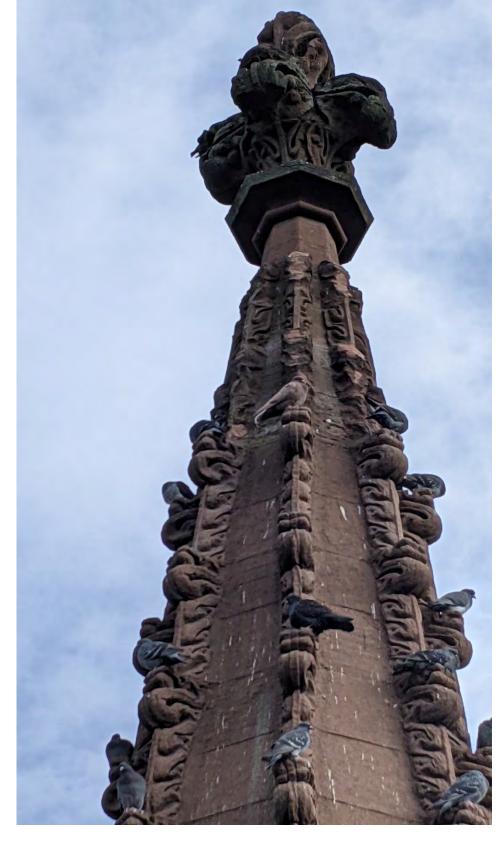


Stone Finials – Missing Units.

EXISTING CONDITIONS

**AYONSTUDIO**ARCHITECTURE • PRESERVATION, P.C.













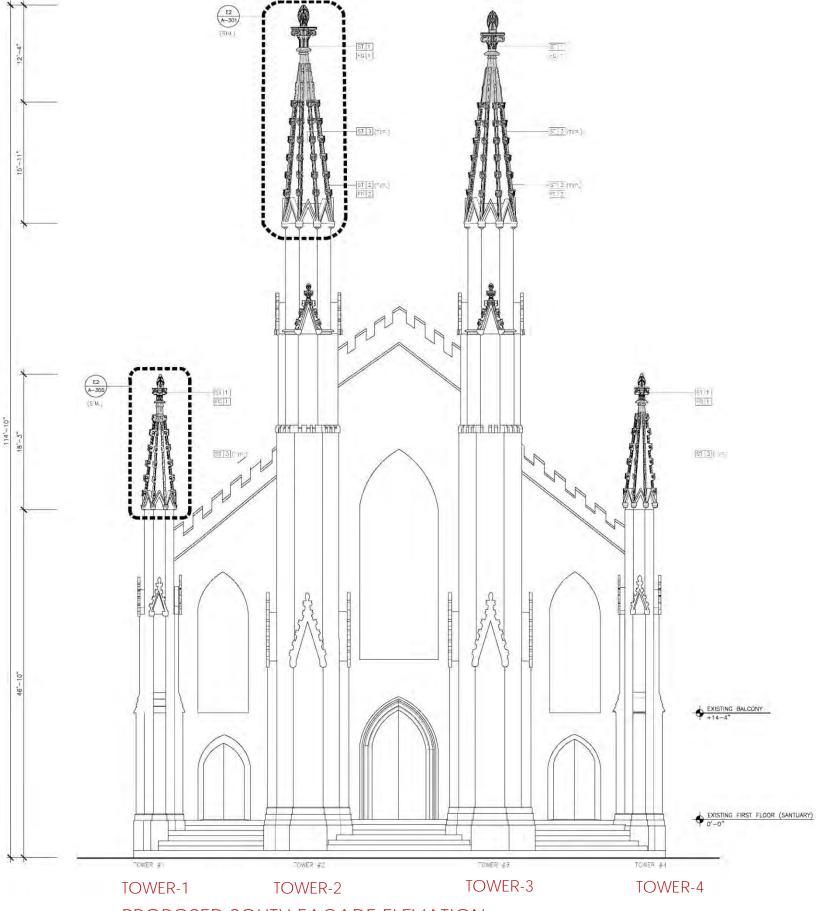
- WHY GFRP?
- GFRP REPLACEMENT SCOPE
- GFRP REPLACEMENT DETAILS
- GFRP REPLACEMENT SAMPLES
- RENDERS OF EXISTING AND PROPOSED FINIALS



#### WHY GFRP?

- Light-weight.
- Durability.
- Matches the existing brownstone color, texture and tooling.
- Can match the existing brownstone details.
- Fewer seams.
- Can conceal the lightning protection cable.

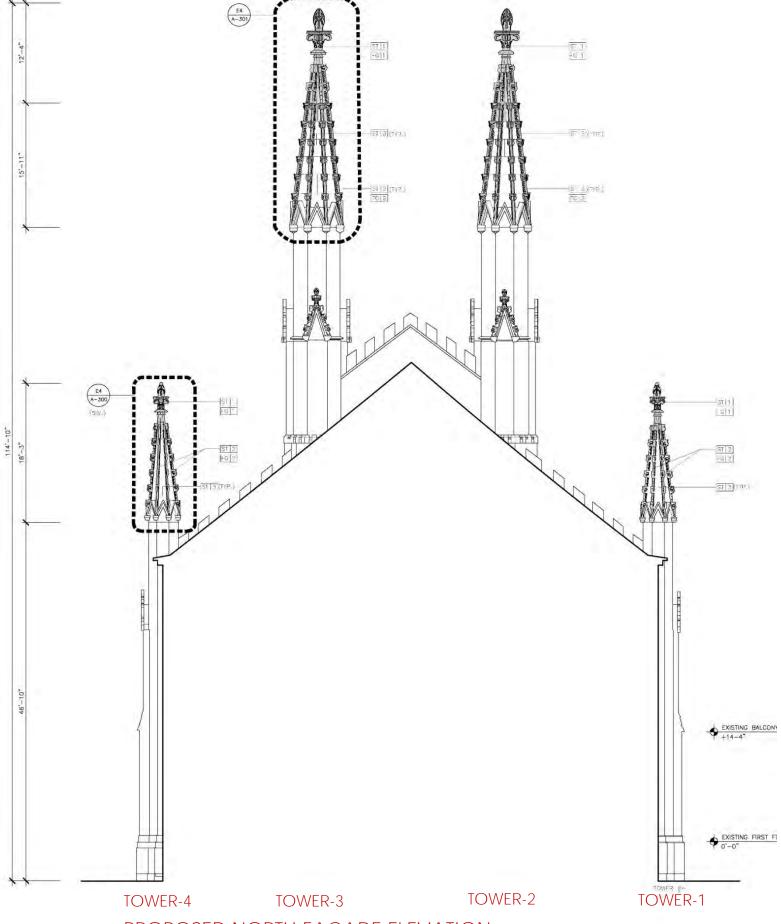




PROPOSED SOUTH FAÇADE ELEVATION



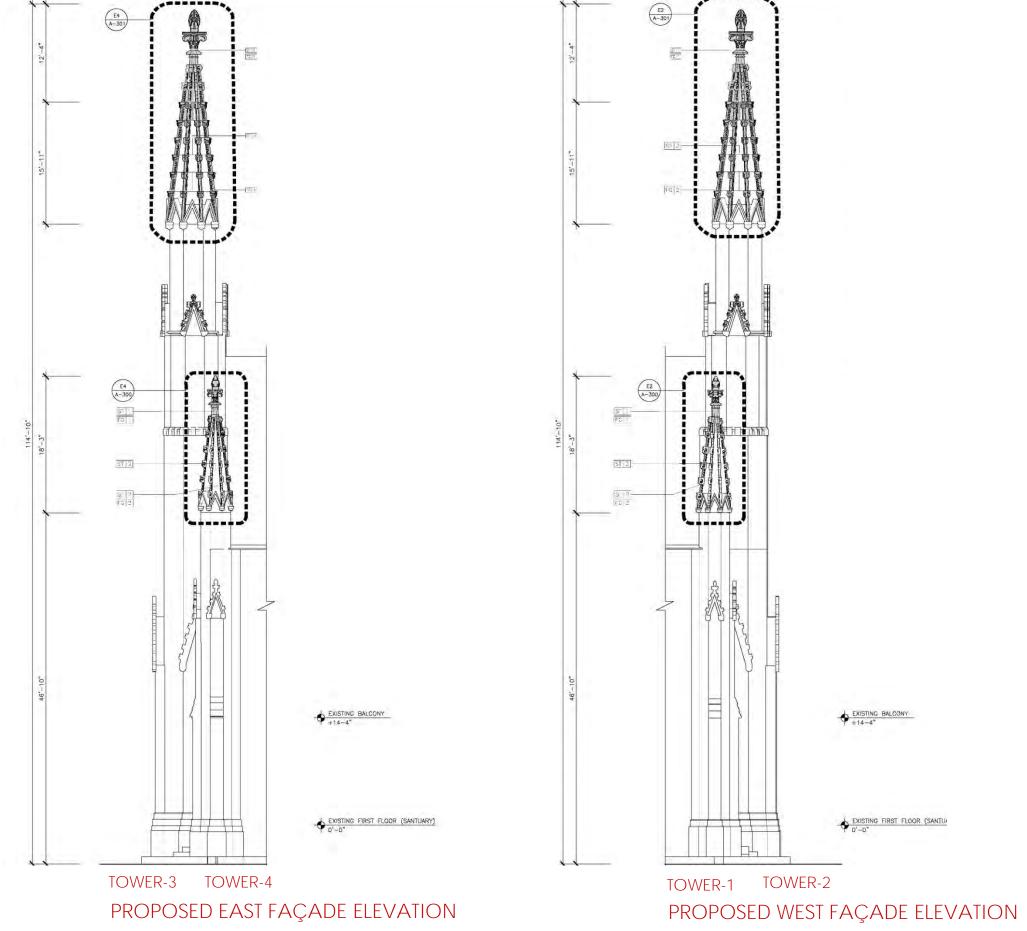




PROPOSED NORTH FAÇADE ELEVATION

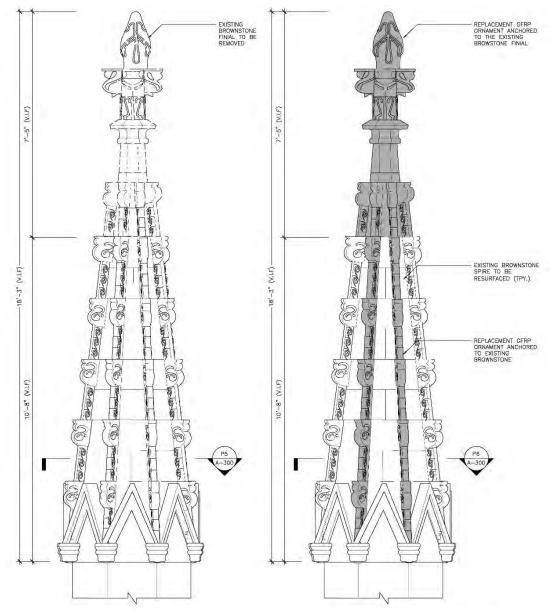




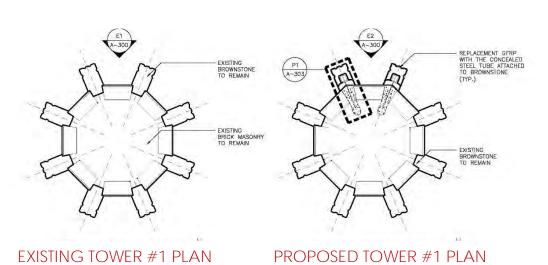


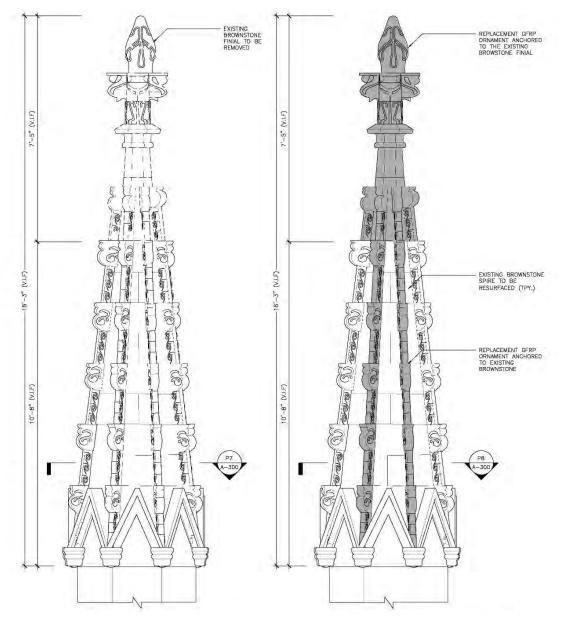
GFRP Replacement Scope - Proposed East and West Elevation.
PROPOSED FINIAL REPAIRS



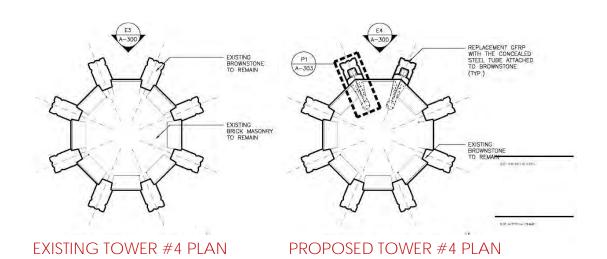


EXISTING TOWER #1 ELEVATION PROPOSED TOWER #1 ELEVATION



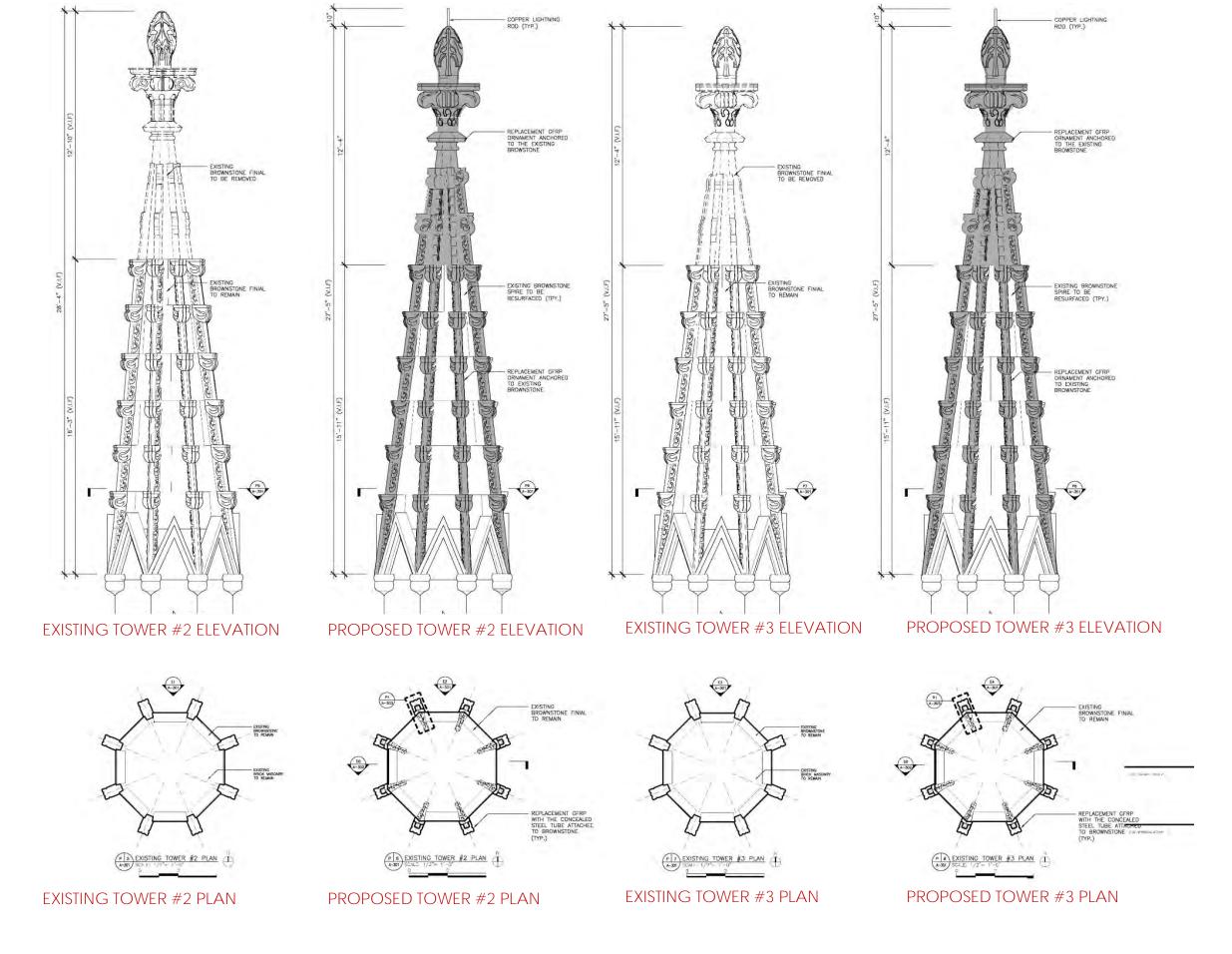


EXISTING TOWER #4 ELEVATION PROPOSED TOWER #4 ELEVATION



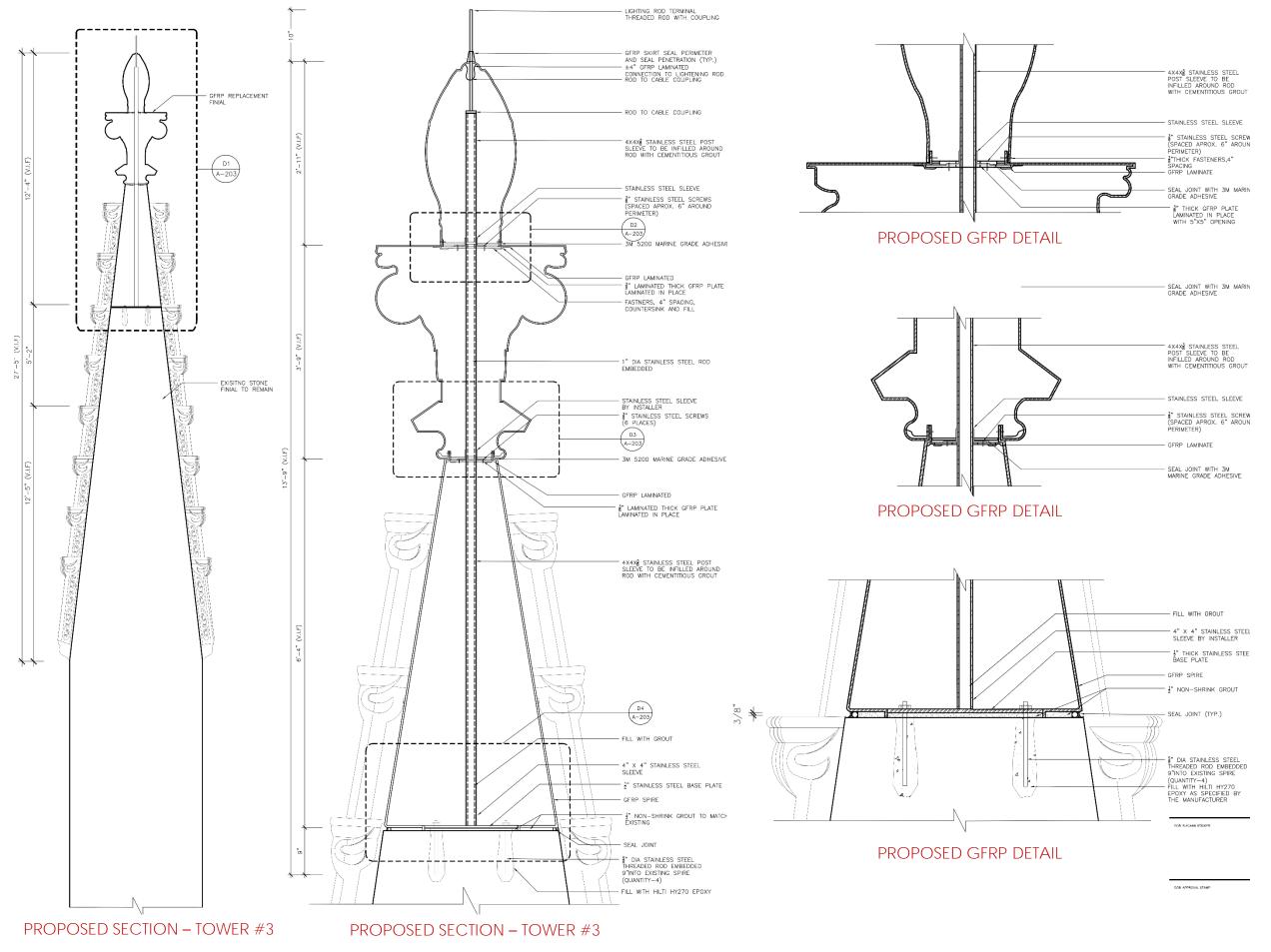
GFRP Replacement Details.
PROPOSED FINIAL REPAIRS





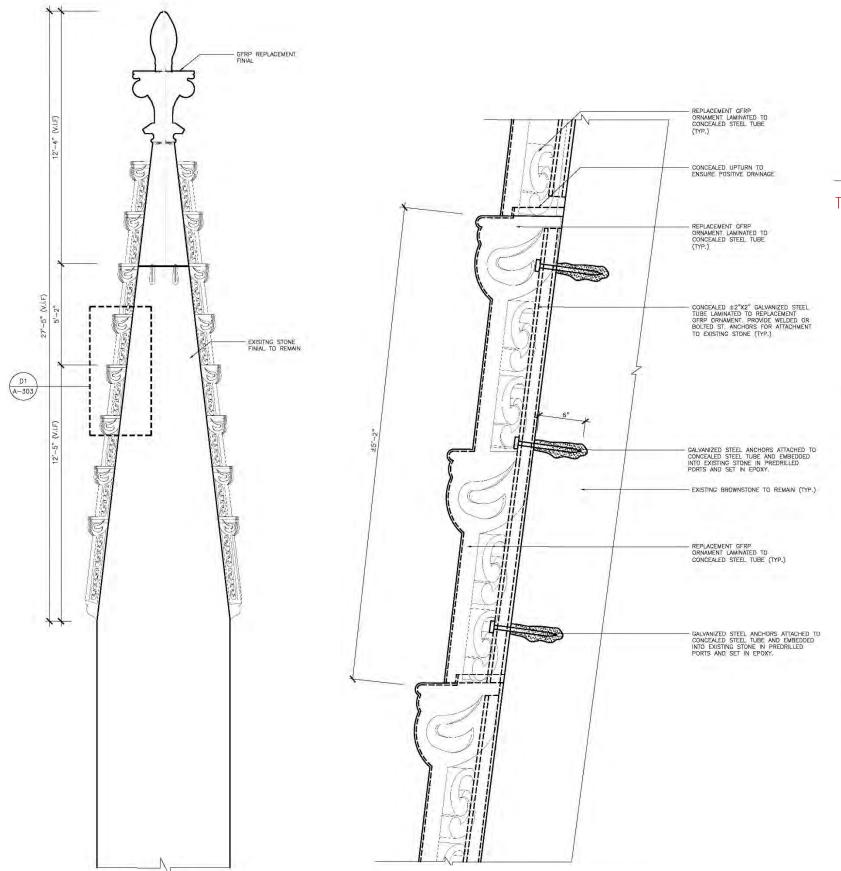




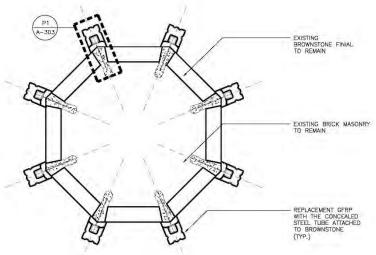




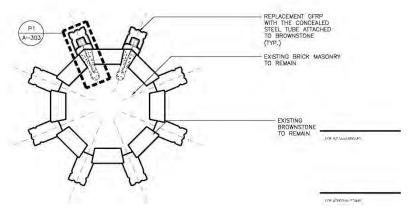




TYP. RIDGE ORNAMENT GFRP REPLACEMENT PLAN



PROPOSED TOWER #3 PLAN



TYP. EXISTING OUTMOST SPIRE PLAN

GFRP Replacement Details. PROPOSED FINIAL REPAIRS

PROPOSED SECTION – TOWER #3

TYP. RIDGE ORNAMENT GFRP REPLACEMENT ELEVATION



Axonometric View – Existing Tower #2 and Tower #3.
Renders of Existing Stonework.
PROPOSED FINIAL REPAIRS



Existing Tower #2



Existing Tower #3





Axonometric View – Proposed Tower #2 and Tower #3.
Renders of Proposed GFRP Replacement.
PROPOSED FINIAL REPAIRS

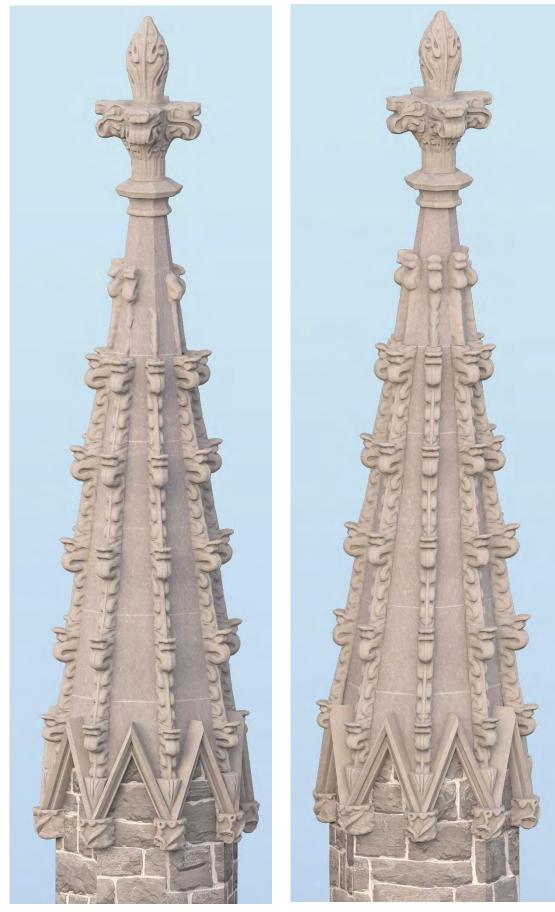


Proposed Tower #2



Proposed Tower #3





Axonometric View – Existing Tower #1 and Tower #4. Renders of Existing Stonework. PROPOSED FINIAL REPAIRS



Existing Tower #1









Axonometric View - Proposed Tower #1 and Tower #4. Renders of Proposed GFRP Replacement. PROPOSED FINIAL REPAIRS



Proposed Tower #1



Proposed Tower #4

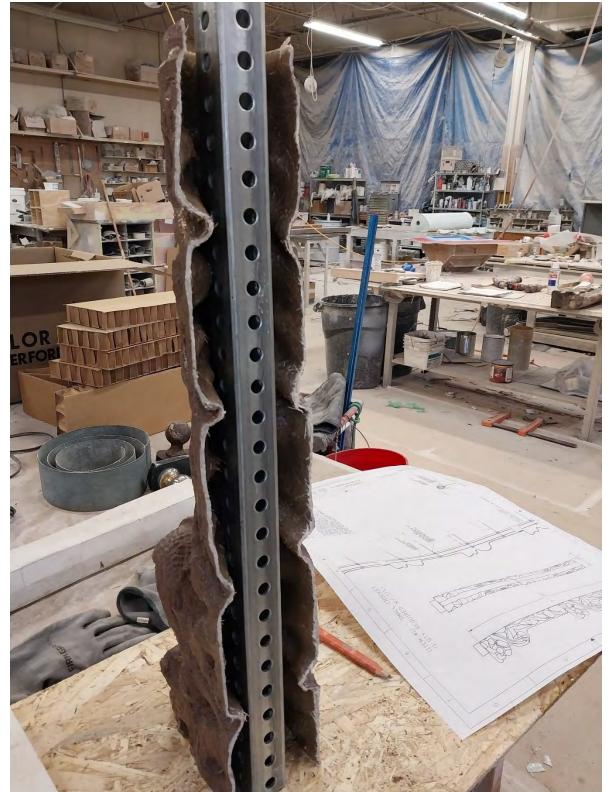




GRFP Replacement Sample.
PROPOSED FINIAL REPAIRS







GRFP Replacement Sample.
PROPOSED FINIAL REPAIRS

**AYONSTUDIO**ARCHITECTURE • PRESERVATION, P.C.





Existing condition photo.

Existing condition photomontage.

Existing South Façade -View from Pierrepont Street (Looking West).







Existing condition photomontage.

Proposed condition photomontage.

Existing and Proposed South Façade - View from Pierrepont Street (Looking West).



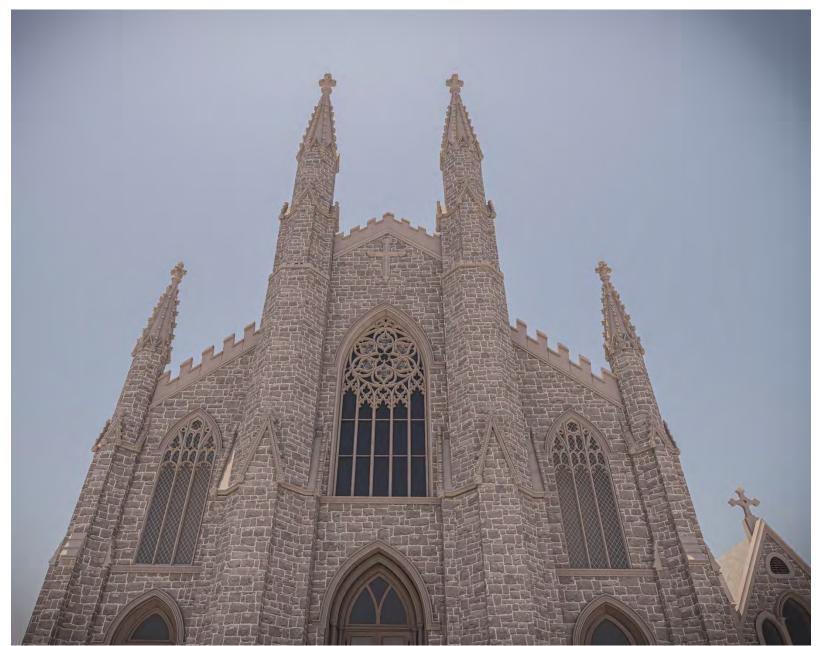






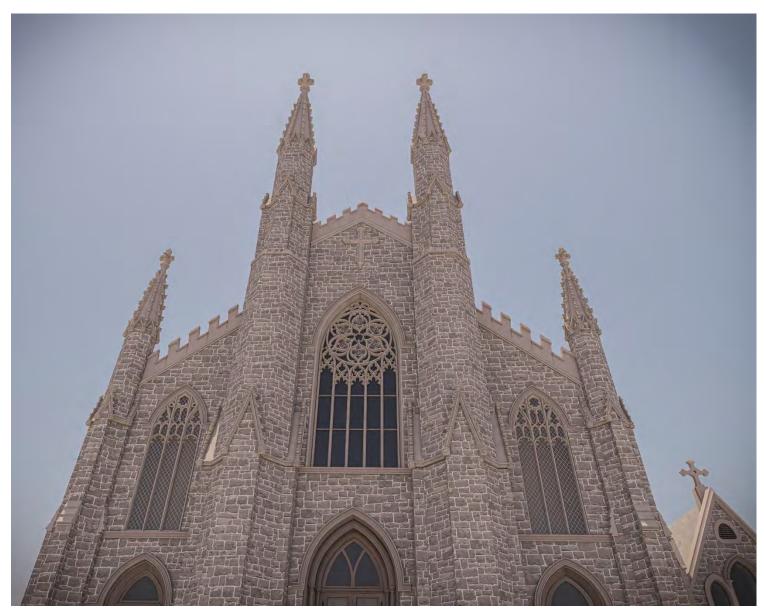
Existing condition photo.

Existing South Façade - View from Pierrepont Street.
PROPOSED FINIAL REPAIRS



Existing condition photomontage.





Existing condition photomontage.

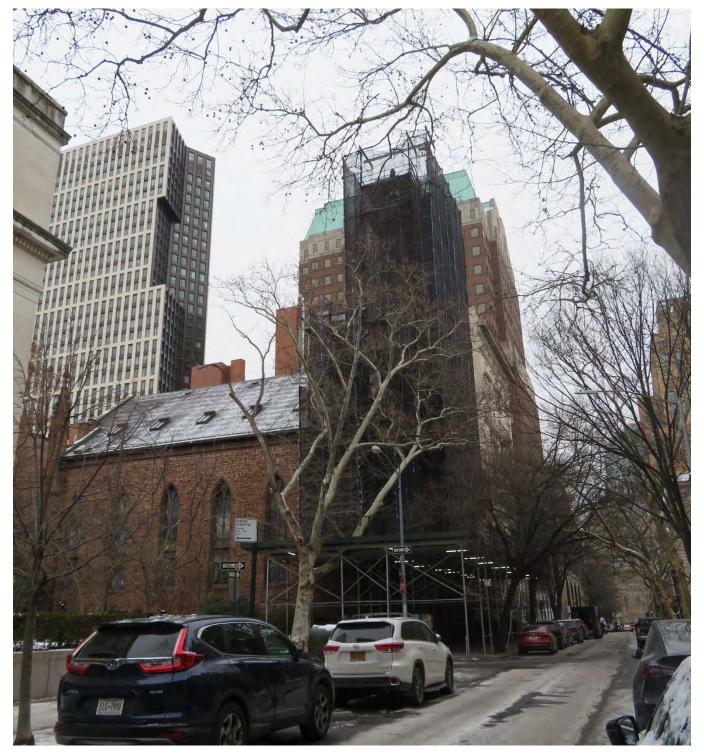
Existing and Proposed South Façade - View from Pierrepont Street.

PROPOSED FINIAL REPAIRS



Proposed condition photomontage.







Existing condition photo.

Existing condition photomontage.

Existing South Façade - View from Pierrepont Street and Monroe Place.







Existing condition photomontage.

Proposed condition photomontage.

Existing and Proposed South Façade - View from Pierrepont Street (Looking South).





## GFRP IN HISTORIC BUILDINGS

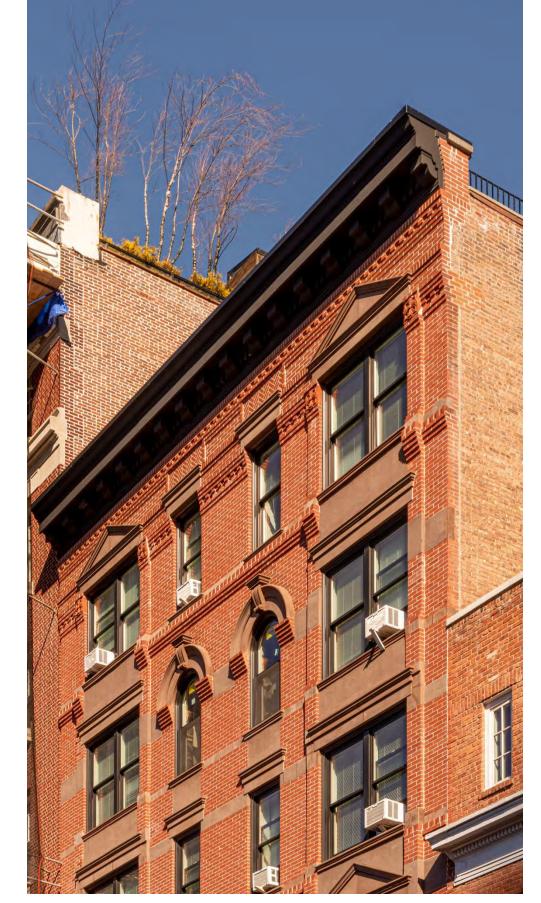
- WOODROW UNITED METHODIST, STATEN ISLAND.
- 27 WEST 11<sup>th</sup> STREET, NEW YORK
- THE LYRIC THEATRE, NEW YORK





Woodrow United Methodist Church, Staten Island, NY- Replacement GFRP infield panels at the belfry tower (LPC-07-1884). LPC 64 GFRP IN HISTORIC BUILDINGS







27 West 11<sup>th</sup> Street, New York, NY- Replacement GFRP cornice (LPC-20-01232).

GFRP IN HISTORIC BUILDINGS

LPC 65





The Lyric Theatre, Times Square, New York, NY- Replacement GFRP ornament above cornice.

GFRP IN HISTORIC BUILDINGS

LPC 66





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## APPENDIX

• GFRC REPLACEMENT IN HISTORIC BUILDING





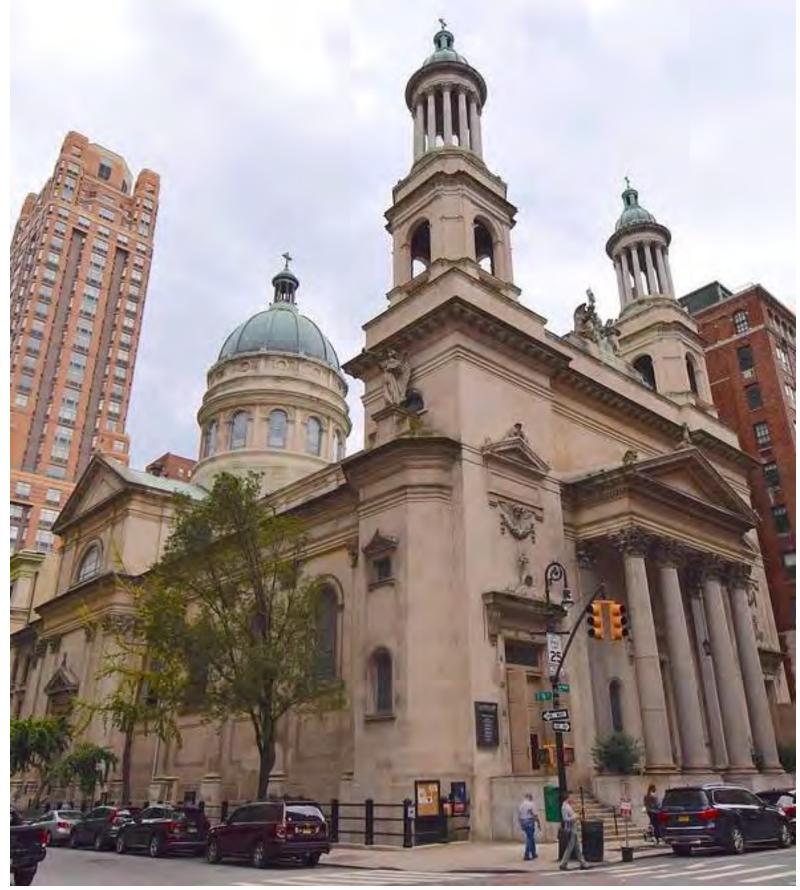


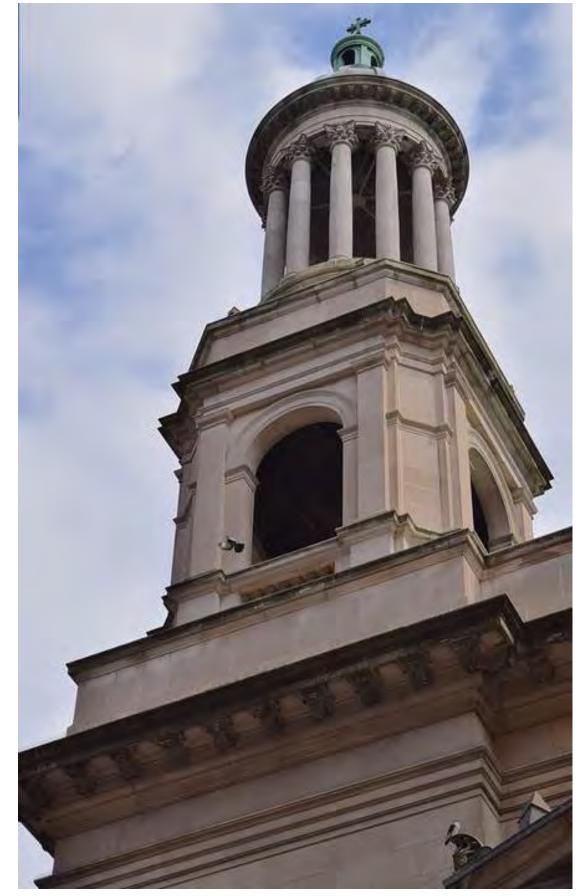
Hotel Theresa, New York, NY- Replacement GFRC Terra Cotta (LPC-24-04161).

GFRC IN HISTORIC BUILDINGS

LPC 68







St. Jean Baptiste Church, New York, NY- Replacement of the domed belltower columns with GFRC (LPC 13-4255).







54-58 Canal Street, S. Jarmulowsky Bank Building, New York, NY- Replacement GFRC cupola (LPC-23-01809; NOC-23-01809).

GFRC IN HISTORIC BUILDINGS

LPC 70



829 Madison Avenue, New York, NY- Replacement GFRC storefront cornice.

## PROPOSED BUILDING ELEVATIONS





# FIRST UNITARIAN CONGREGATIONAL SOCIETY BROWN UNIVERSALIST CONGREGATION





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