

The current proposal is:

Preservation Department – Item 3, LPC-25-11415

2060 Sedgwick Avenue – Hall of Fame, New York University – Individual Landmark

Borough of Bronx

To testify virtually, please join Zoom

Webinar ID: 161 812 1468

Passcode: 845296

By Phone: 646-828-7666 (NY)

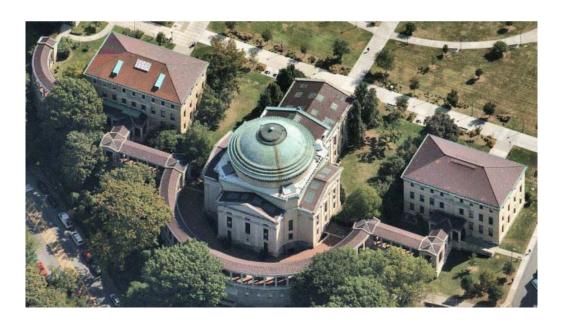
833-435-1820 (Toll-free)

833-568-8864 (Toll-free)

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HALL OF FAME FOR GREAT AMERICANS AT BRONX COMMUNITY COLLEGE

EXTERIOR INVESTIGATION AND RESTORATION











Public Hearing

Design Team: Michael Stripunsky, RA, QEWI Bernard Toni, PE, RA Amanda Loy, RA



HALL OF FAME FOR GREAT AMERICANS AT BRONX COMMUNITY COLLEGE

Location: Bronx Community College campus

Near: Sedgewick Ave., 181st Street

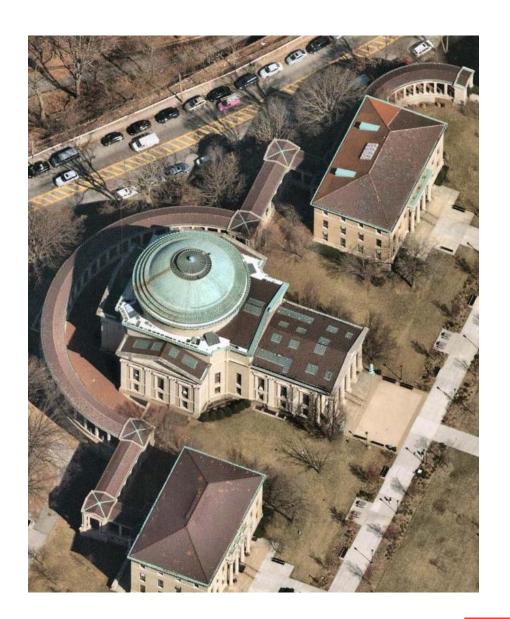
Built: 1901

Architect: McKim, Mead and White

Materials: Limestone & Terra Cotta

Guastavino tile vaults

The Hall of Fame for Great Americans is one of the earliest buildings constructed on what is now the Bronx Community College. Commissioned as part of NYU's original campus expansion campaign in the early 1900s, the Hall of Fame was constructed as an ambulatory to unite Gould Memorial Library, the Language Hall, and the Philosophy Hall. It also functions as a public museum commemorating approximately 100 significant individuals as bronze statues.









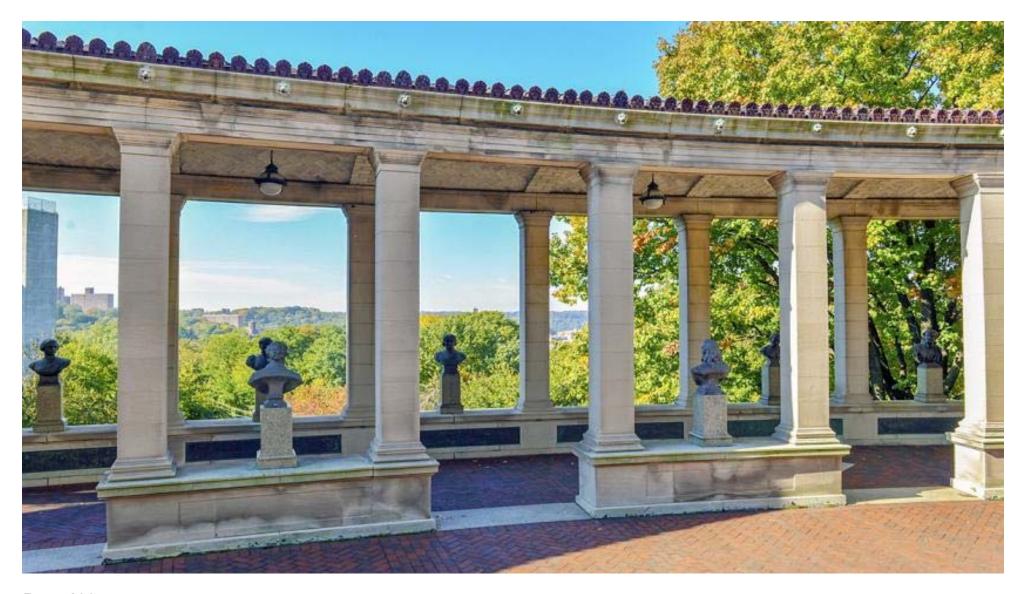
c. 1900

Supporting plinth under construction.

1949

New York University Library, School of Languages and Hall of Fame for Great Americans.





Post-1995

Condition following previous repair campaign.





Present

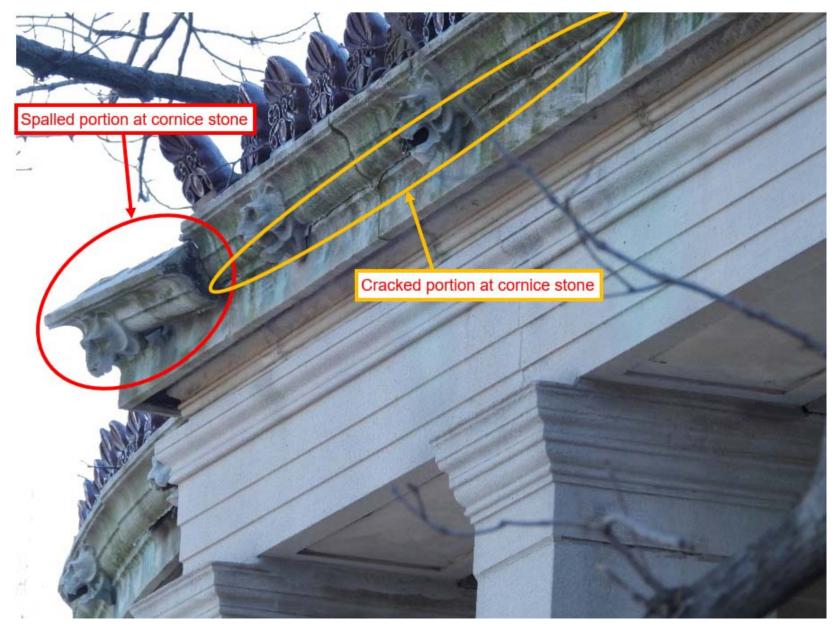
Damage to the limestone cornices is widespread and systemic along the more than 1,000 linear feet of facade. Protective netting has been installed to restrain falling debris, and the Hall is closed to the public.



The Damage

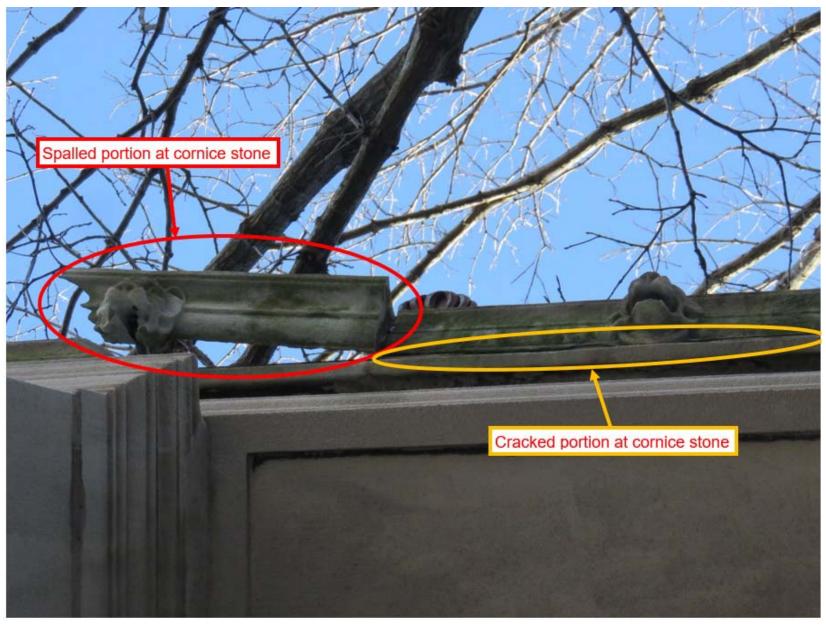
What happened?





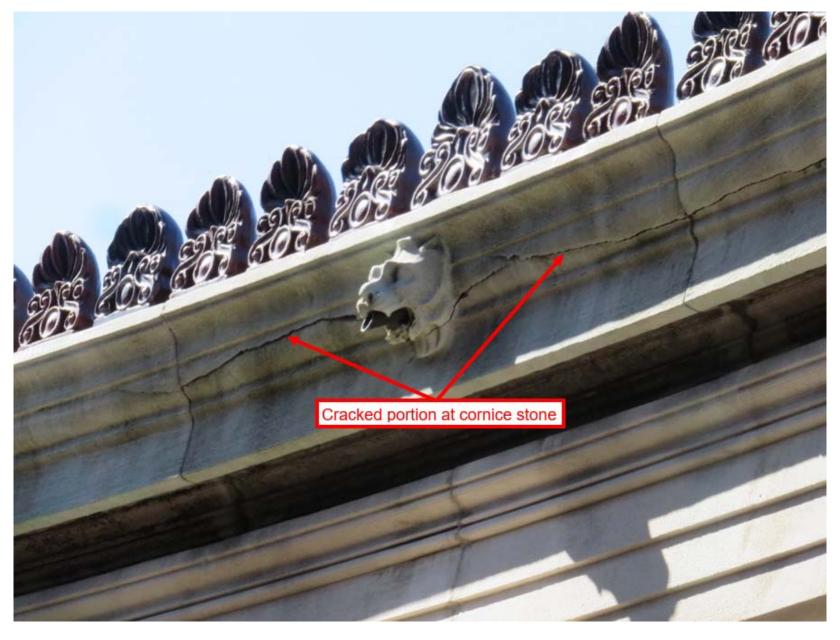
Numerous cornice stones are observed to be cracked and/or spalled.





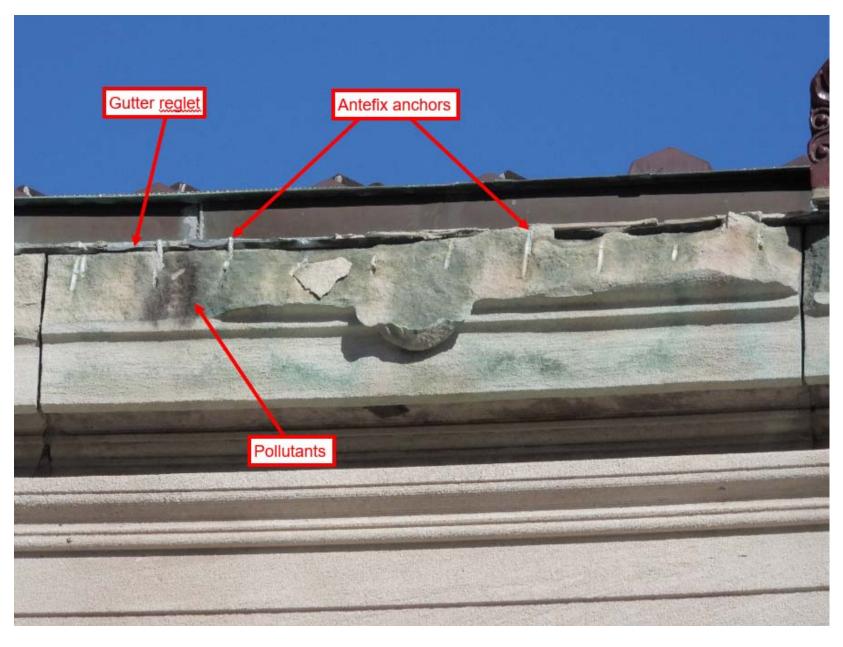
Numerous cornice stones are observed to be cracked and/or spalled.





The cracks were observed to be positioned consistently in the same location on all the affected stones.





The typical plane of fracture follows the reglet channel of the roof gutter and the anchors that secure the terra cotta antefixes onto the stone cornices.





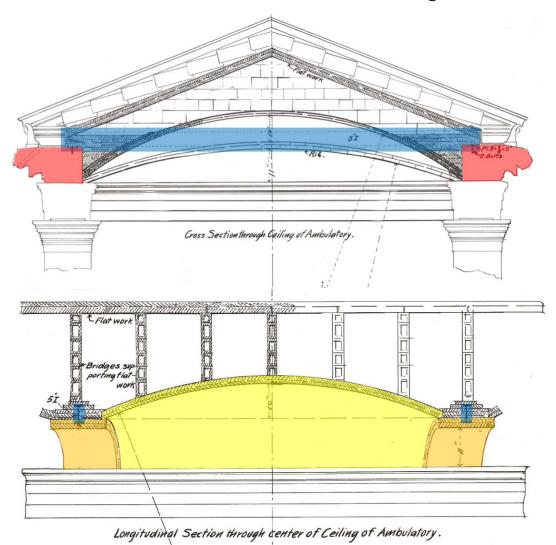
The anchors installed at the cornice are expansion-type (also known as wedge anchors). Their installation on the stone cornice approximates the feather and wedge method of splitting quarry stone.



Functional Aspects of the Cornice Stones

Why can't we just replace them?









Assembly Components:

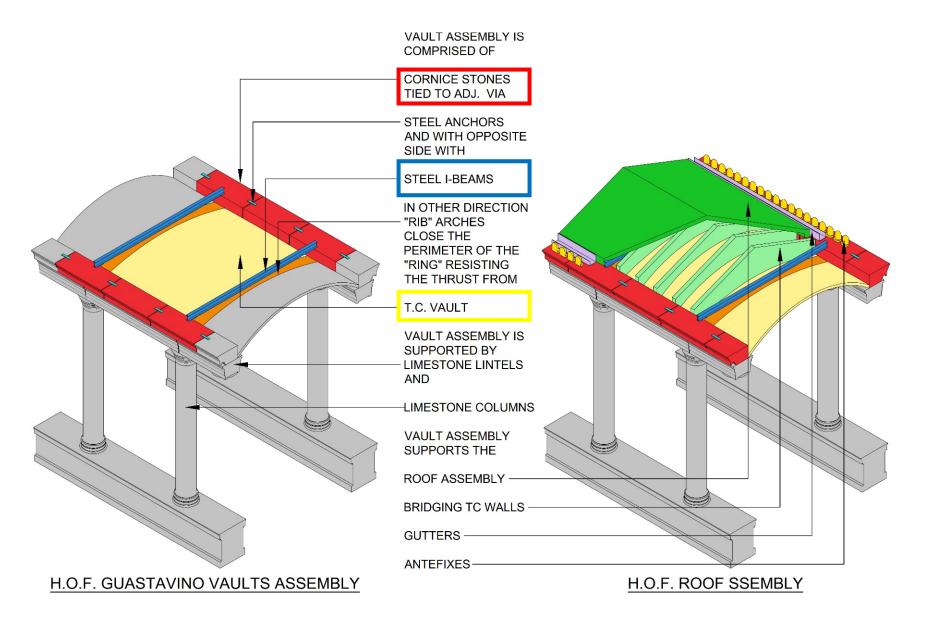
Limestone cornices

Guastavino tile vault

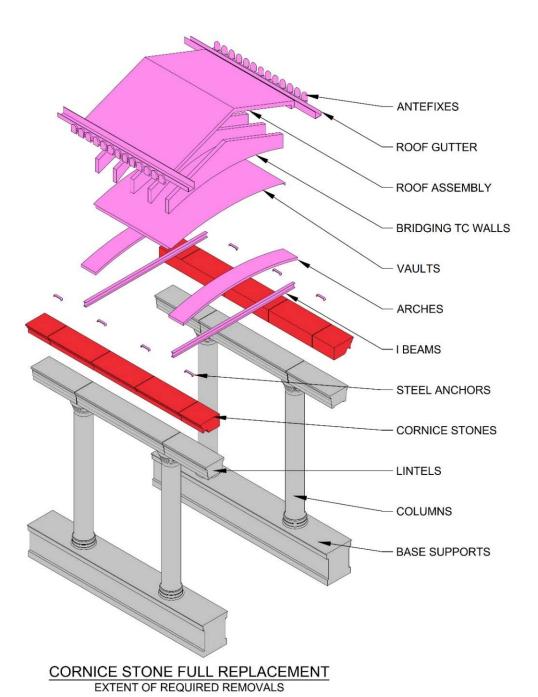
Guastavino tile rib

Steel providing restraint in tension







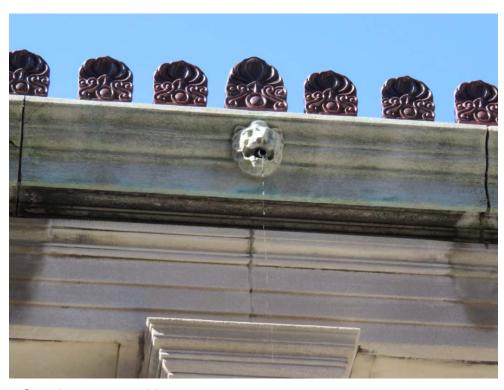


Limestone cornices

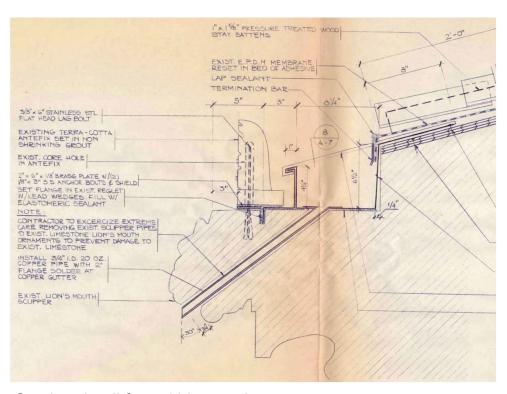
Components that would have to be **removed** in order to remove the cornice stones.

If removal and replacement of the cornice stones were proposed, the entire upper portion of the structure would need to be **disassembled and rebuilt**.





Cornice stone with gutter spout in decorative medallion.



Section detail from 1995 repair campaign.



Restoration Approach

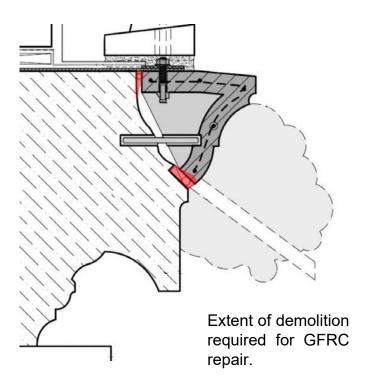


The integrity of the cornice is essential, not just aesthetically but also as a structural element.

Minimal removal of existing stone is desirable for preservation, and also critical to <u>maintaining the overall structural</u> balance of the Guastavino vault against the entablature during the construction process.

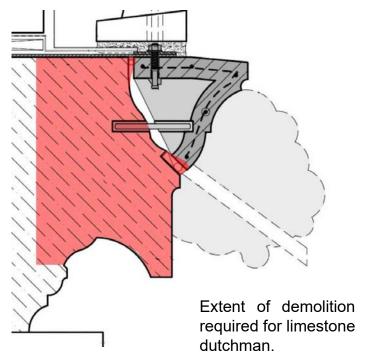
GFRC Repair

- Greater ability to modify new repair material in the field to suit existing breakage.
- Hollow section of GFRC units will not require a fully flat-cut surface on the existing stone.
- Reinforced material will provide greater flexibility in anchorage location and design.

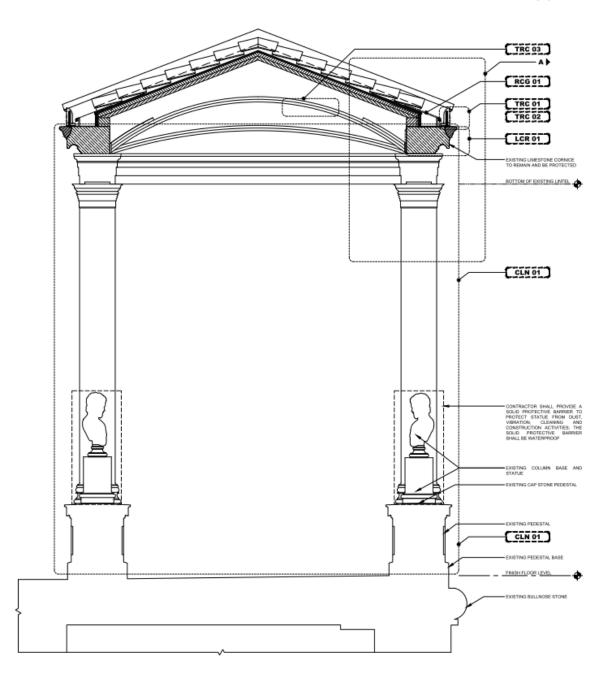


Limestone Dutchman Repair

- Limited ability to modify new repair material in the field to suit existing breakage.
- Requires a significantly greater amount of existing original stone material to be removed, in order to create a flat surface on the existing cornices to receive new solid-section dutchman repairs. Removing extra material may compromise the integrity of the structure.







RESTORATION SUMMARY

RESTORATION SUMMARY

| DESCRIPTION | UNIT | QTY | DWG |
|---------------------------------------|--|--|---|
| CLEANING OF LIMESTONE | | 1 | A-501.00 |
| LIMESTONE CORNICE RESTORATION | LF | 1065 | A-502.00 A-503.00 |
| POINTING OF JOINTS AT LIMESTONE UNITS | LF | 1100 | A-504.00 |
| REPLACEMENT OF COPPER GUTTER | LF | 1065 | A-505.00 A-506.00 |
| TERRA COTTA ANTEFIX RESETTING | EA | 1370 | A-509.00 |
| TERRA COTTA TILE REPLACEMENT | EA | 50 | A-511.00 A-512.00 |
| | CLEANING OF LIMESTONE LIMESTONE CORNICE RESTORATION POINTING OF JOINTS AT LIMESTONE UNITS REPLACEMENT OF COPPER GUTTER TERRA COTTA ANTEFIX RESETTING | CLEANING OF LIMESTONE LS LIMESTONE CORNICE RESTORATION LF POINTING OF JOINTS AT LIMESTONE UNITS REPLACEMENT OF COPPER GUTTER LF TERRA COTTA ANTEFIX RESETTING EA | CLEANING OF LIMESTONE LS 1 LIMESTONE CORNICE RESTORATION LF 1065 POINTING OF JOINTS AT LIMESTONE UNITS LF 1100 REPLACEMENT OF COPPER GUTTER LF 1065 TERRA COTTA ANTEFIX RESETTING EA 1370 |

UNIT COST ITEMS

| CODE | DESCRIPTION | UNIT | QTY | DWG |
|--------|--|------|-----|----------------------|
| PNT 02 | POINTING OF JOINTS AT TERRA COTTA TILES | LF | 50 | A-504.00 |
| STN 01 | STONE CRACK REPAIR | LI | 100 | A-507.00 |
| STN 02 | STONE SPALL REPAIR | SF | 5 | A-508.00 |
| TRC 02 | TERRA COTTA ANTEFIX REPLACEMENT | EA | 200 | A-510.00 |
| TRC 03 | TERRA COTTA TILE REPLACEMENT | EA | 75 | A-511.00 A-512.00 |









Plaza Hotel



CUNY CCNY Shepard Hall





CUNY Hunter College Thomas Hunter Hall







2011 – 2012: Installation in progress



2025CUNY Hunter College
Thomas Hunter Hall



Key Points 23

The damage to the stone caused by previous repairs is widespread and systemic.

As a result, the cornice will need to be repaired around the entire perimeter of the structure, totaling more than 1,000 linear feet.

Minimizing disturbance to the structure is critical for preserving its structural integrity.

Replacing damaged stone units with new ones would require the complete rebuilding of the upper part of the structure, specifically everything above the column level.

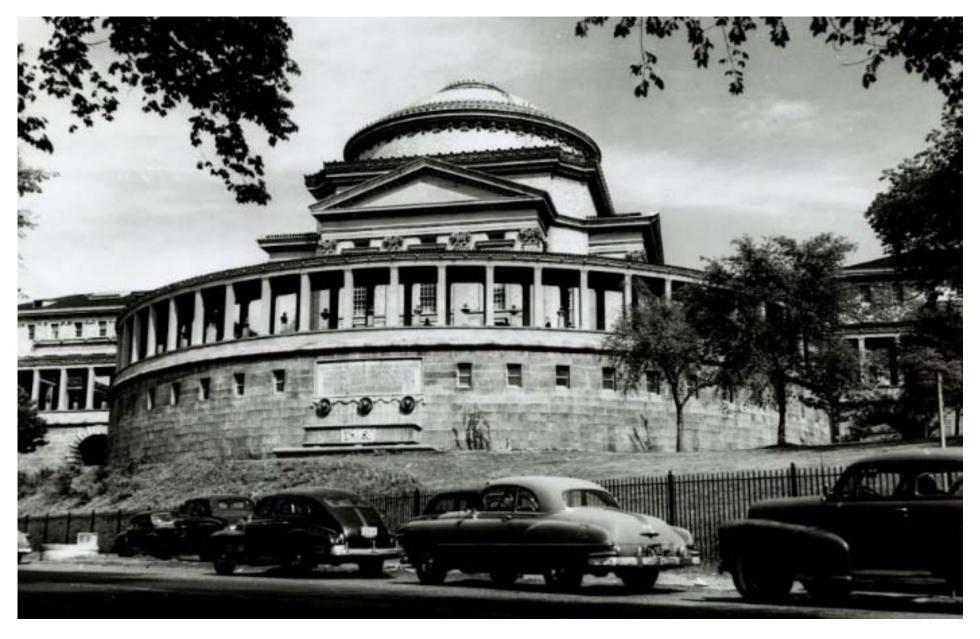
Thus, the approach chosen for repair was <u>cornice restoration</u>.

This can best be accomplished by utilizing a thin shell material that retains the maximum amount of existing stone units while effectively restoring the cornice profile and function.

The installation of Glass Fiber Reinforced Concrete (GFRC) will:

- Be the optimal material to restore the original cornice shape and maintain function.
- Preserve the integrity of the Hall of Fame Ambulatory structure by minimizing the disturbance of key structural components.
- Provide a close visual match to the existing limestone elements to remain.
- GFRC has a long track record and has been previously approved for many landmark buildings, including SSX projects.









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Appendix

Selected Design Drawings



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BUILDING INFORMATION

NYC LPC / DOB FILING

BRONX COMMUNITY COLLEGE - HALL OF FAME AMBULATORY

UNIVERSITY AVENUE AND W 181ST STREET **BRONX, NY 10453**

BRONX CC - RESTORATIONS AT HALL OF FAME AMBULATORY

NYC LPC / DOB SUBMISSION



THE CITY UNIVERSITY OF NEW YORK

555 WEST 57TH STREET, 16TH FLOOR NEW YORK, NY, 10019



BRONX COMMUNITY COLLEGE

500 GRAND CONCOURSE BRONX, NY 10451







ARCHITECT:

LIST of DRAWINGS

A-001.00 TITLE SHEET, LIST OF DRAWINGS, LOCATION PLAN, SITE PLAN A-002.00 ORG. OF DWGS & SPECS & SPECIAL INSP., CONST. NOTES, RESTORATION SCHEDULE

A 003 00 NYC DEPARTMENT OF BUILDING NOTES 2022 NYCBC. AND

DETAILED SITE PLAN A-004.00 ELEVATION OVERVIEWS

A-005.00 EXISTING CONDITIONS CORNICE SPALLS

A:101.00 TYPICAL FLOOR PLANS

A-102.00 EXISTING CONDITIONS PHOTOS

A-103.00 EXISTING NETTING PHOTOS

A-201.00 INTERIOR ELEVATIONS A-202.00 EXTERIOR ELEVATIONS

A-203.00 ENLARGED ELEVATIONS

A-204.00 ENLARGED ELEVATIONS

A-301.00 SECTIONS

A-501.00 RESTORATION ASSEMBLY DETAILS: CLN 01 A-502.00 RESTORATION ASSEMBLY DETAILS: LCR 01

A-503.00 RESTORATION ASSEMBLY DETAILS: LCR 01 (cont.'d)

A 504.00 RESTORATION ASSEMBLY DETAILS, PNT 01, PNT 02 A-505.00 RESTORATION ASSEMBLY DETAILS: RCG 01

A-506.00 RESTORATION ASSEMBLY DETAILS: RCG 01 (cont.'d)

A-507.00 RESTORATION ASSEMBLY DETAILS: STN 01

A-508.00 RESTORATION ASSEMBLY DETAILS: STN 02

A-509.00 RESTORATION ASSEMBLY DETAILS: TRC 01

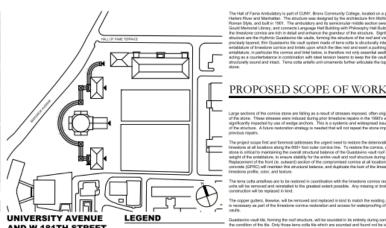
A-510.00 RESTORATION ASSEMBLY DETAILS: TRC 02 A-511.00 RESTORATION ASSEMBLY DETAILS: TRC 03

A-512.00 RESTORATION ASSEMBLY DETAILS: TRC 03 (cont.'d)

LOCATION PLAN

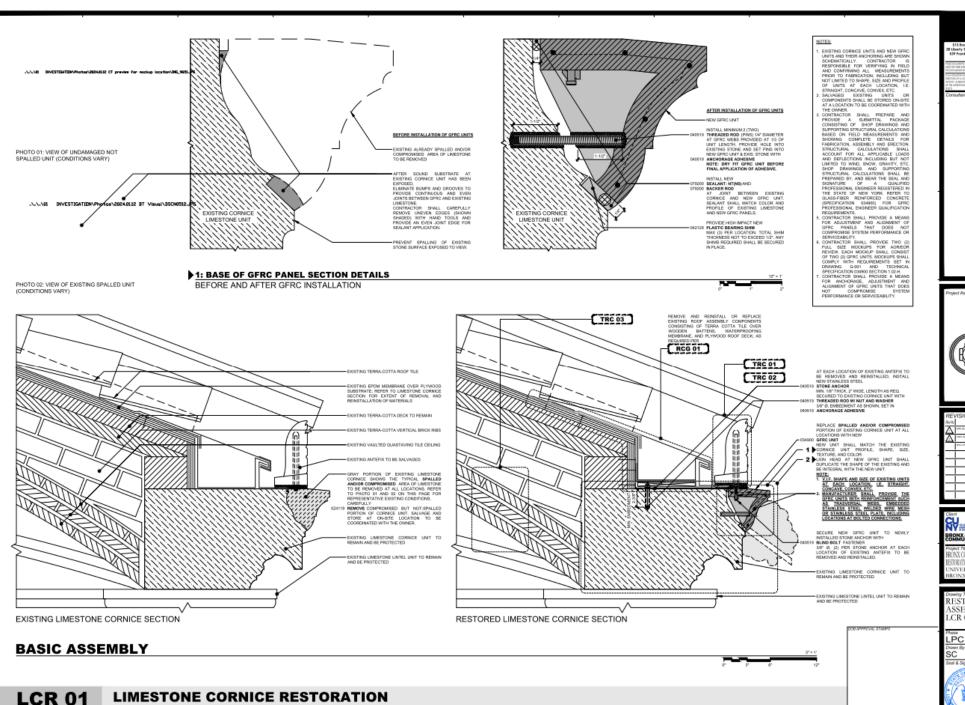


SITE PLAN

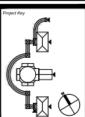


AND W 181TH STREET BRONX, NY 10453

TEMPORARY FACILITIES LOCATION OF STAGING AREA TO BE COORDINATED WITH DASNY AND COLLEGE



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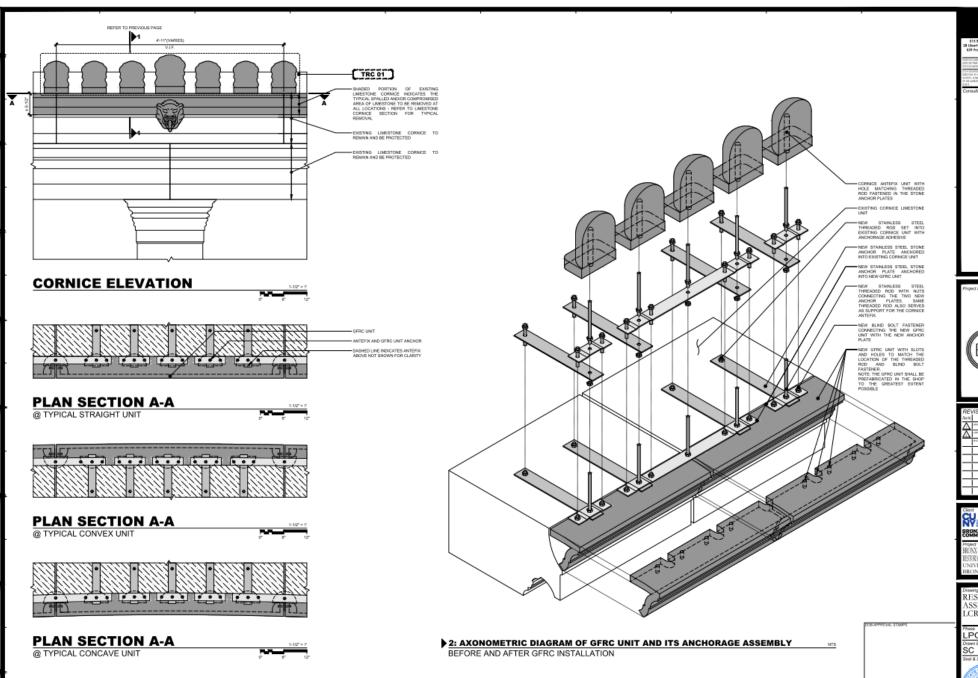
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RESTORATION ASSEMBLY DETAIL

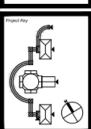
LPC SUBMISSION CT/BT/MS 03/31/2025



LIMESTONE CORNICE RESTORATION



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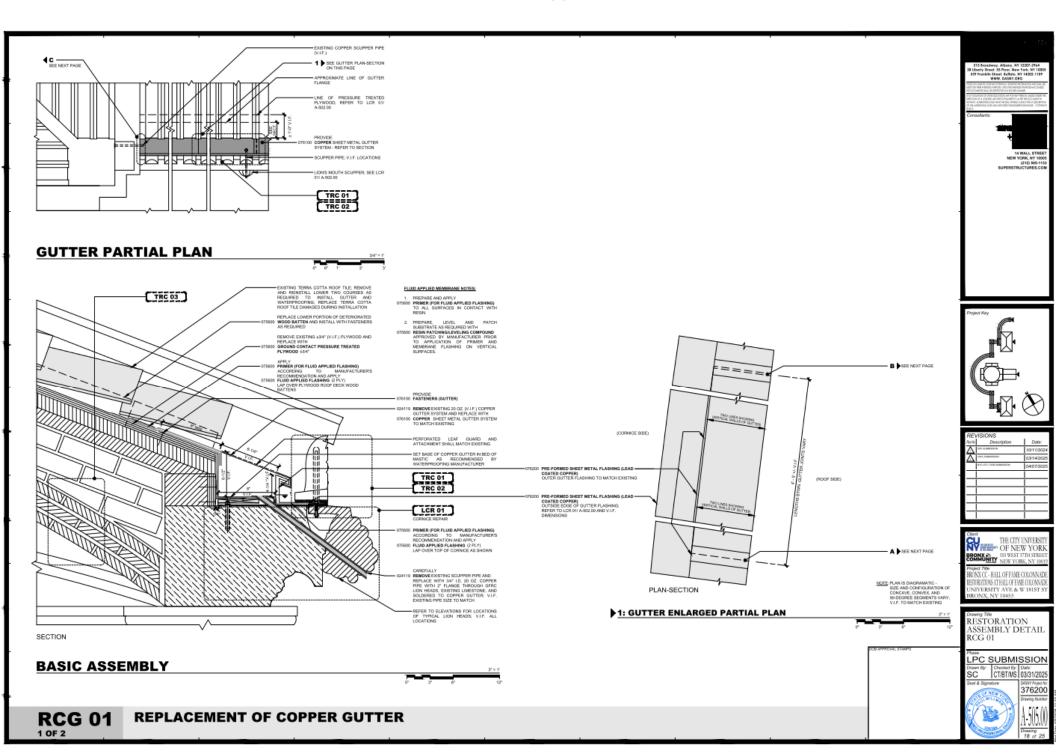


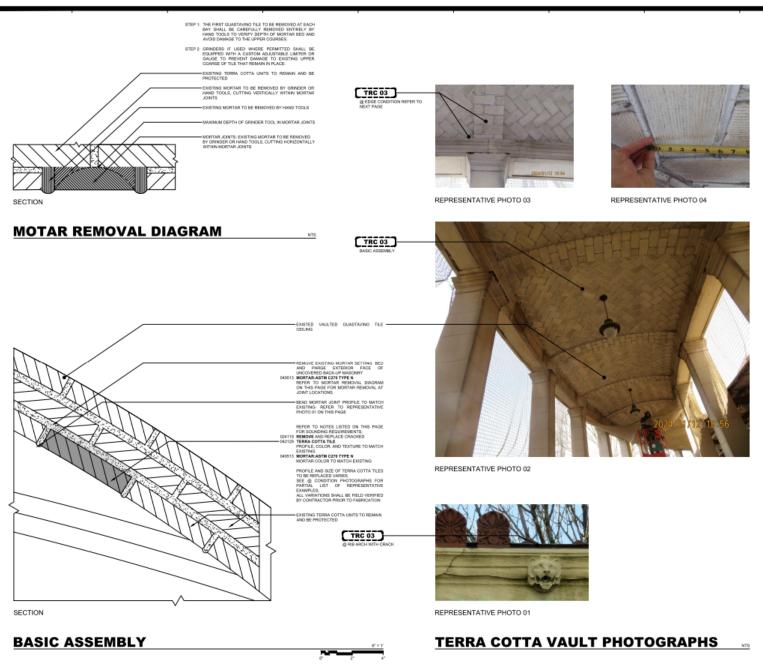




LCR 01

LIMESTONE CORNICE RESTORATION





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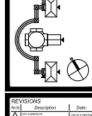
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BRONX CC - HALL OF FAME COLONNADE TESTORATIONS AT HILL OF FAME COLONNADO UNIVERSITY AVE & W 1815T ST

ASSEMBLY DETAIL

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TERRA COTTA TILE REPLACEMENT

TRC 03



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