

# The Museum Today



## **CMOM Exhibits**



































## **Outreach Map**



# **Department of Correction / Rikers Program**



## Children's Museum of Manhattan

Landmarks Preservation Commission Application







HISTORIC EXISTING PROPOSED

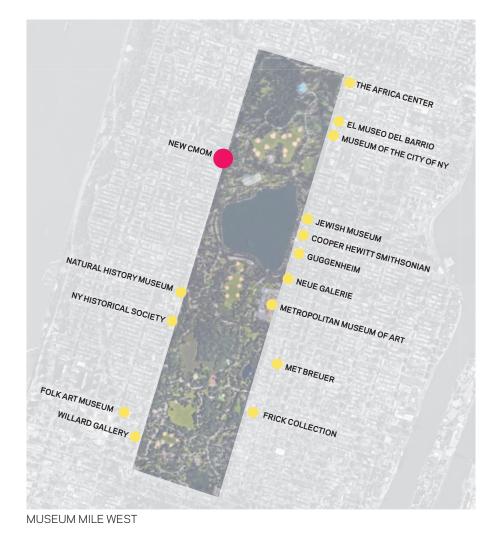
### Children's Museum of Manhattan

### **Project Goals**

- Celebrate the spirit of the building
- Transform and adapt a landmark building into a museum
- Provide welcoming and graceful entry for all
- Maximize daylight and connection to the City
- Support diverse and inclusive program
- Implement sustainable and efficient building systems

### Presentation

- Building entries
- Stained glass windows
- Roof modifications



97TH STREET 96TH STREET CENTRAL PARK Building Heights: NYC Open Data, The Mayor's Office of Data Analytics

Context

SITE

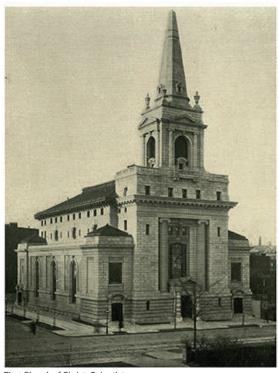




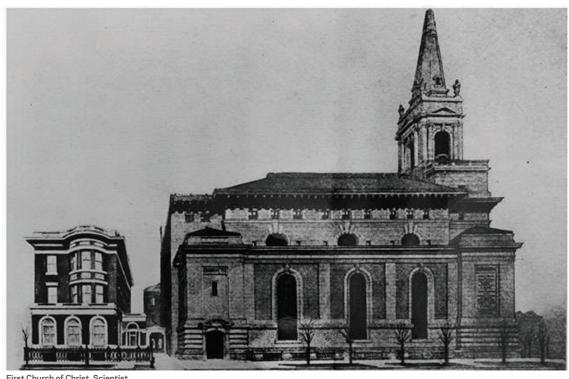


**Public Transit Access** 





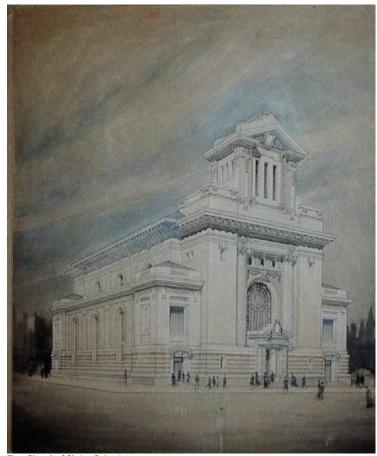
First Church of Christ, Scientist 361 Central Park West Architectural Record, February 1904



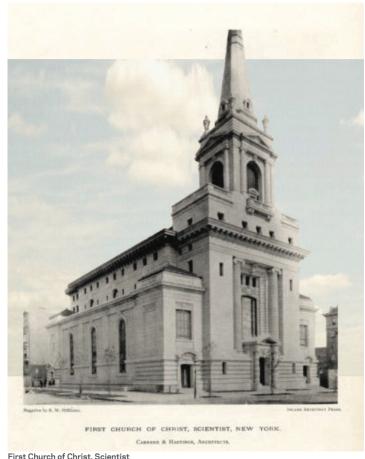
First Church of Christ, Scientist 361 Central Park West / 12 W 96th Street 1904

### Stone Shell





First Church of Christ, Scientist Rendering of Church Prior to Construction



First Church of Christ, Scientist
The Inland Architect and News Record, Vol. XLII, No. 3, 1903

## Design Evolution

## Children's Museum of Manhattan

Time Line

1903	Construction completed, building occupied by First Church of Christ, Scientist
1930	Augusta Stetson's house demolished for present apartment building at 7 W 96th.
1974	LPC Designation
1990	Conditions Report for First Church of Christ, Scientist
2004	First Church of Christ, Scientist sells building to Crenshaw Christian Church
2006	Conditions Report for Crenshaw Christian Church
2014	Crenshaw Christian Church sells building to Residential Developer
2014	Conditions Report for Residential Developer
2015	LPC Certificate of Appropriateness for Residential Developer Proposal
2018	Residential Developer sells building to Children's Museum of Manhattan (CMOM)
2018	Conditions Report for CMOM

























EXISTING CONDITIONS AT 96TH STREET SIDEWALK VAULT





EXISTING CONDITIONS AT TOWER



**Existing Conditions** 













EXISTING CONDITIONS OF TOWER



EXISTING CONDITIONS OF EXTERIOR GRANITE (SOILING AND CRACKING)

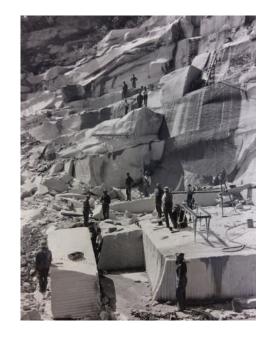






**Existing Conditions** 

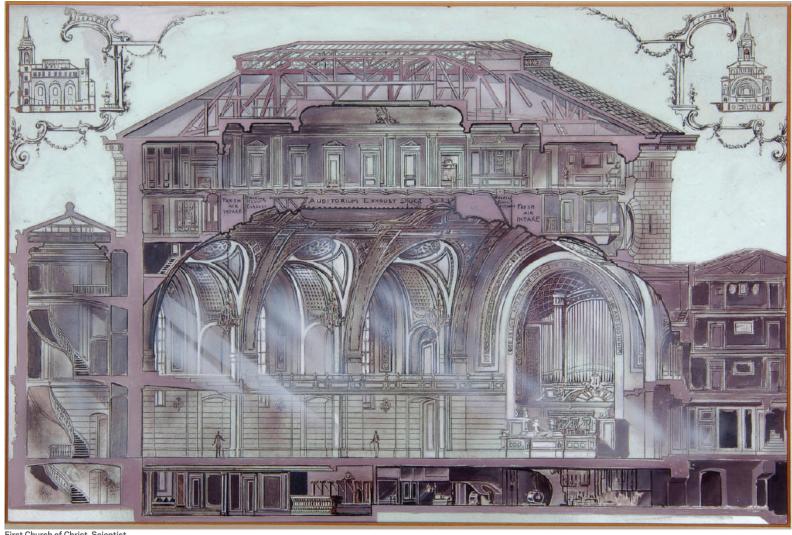




Towering some two hundred feet above the curb, it forms a most striking and beautiful picture in glistening silvery white granite; stone so uniform in color and quality as at once to give one the impression that the whole must have been cut from one huge perfect block.

Charles H. Cottrell Architectural Record, 1904

Stone Shell



First Church of Christ, Scientist
Diagonal Section Rendering of Church (from Mary Baker Eddy library archives)

Design Innovation

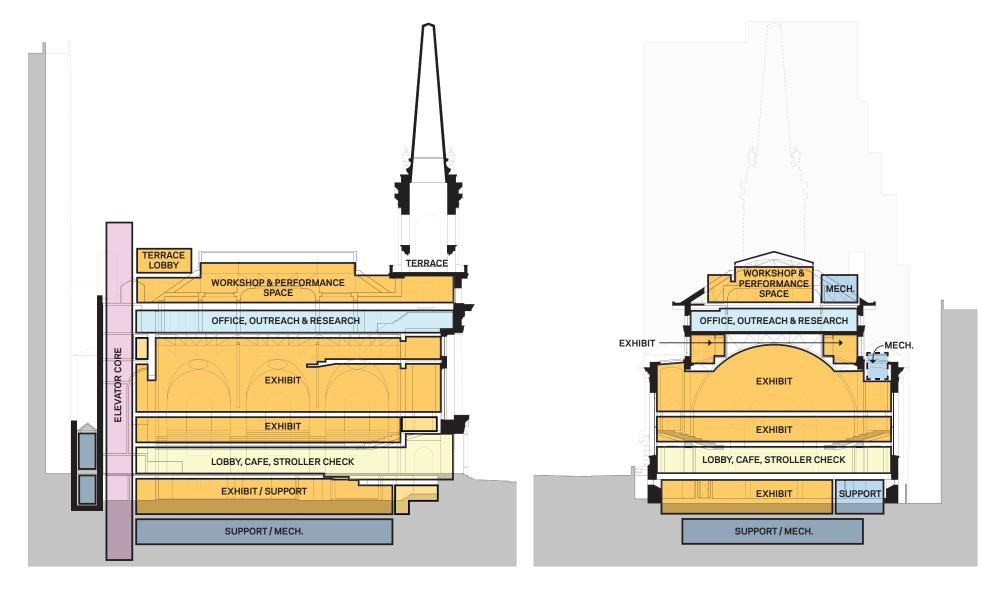


First Church of Christ, Scientist 1904 by Joel W. Thorne



First Church of Christ, Scientist 2019 by FXCollaborative

Interior - Then & Now



Program





Under the Vault





MACHmit! Museum for Children, Berlin, Germany Klausblock Architekt



Museo di Castelvecchio, Carlo Scarpa, Verona, Italy



Restoration of the Bakery of Caserma Santa Marta into University Facilities, Verona Italy Carmassi Studio di Architettura

Precedents - New into Old

Multi-Generational Performances · Multi-Cultural Programs · **Performances For All Ages** · School Group Workshops · Birthdays

Educators · Staff · Researchers Exhibit Developers · Graphic Designers Content & Curricula Developers · Interns · Volunteers

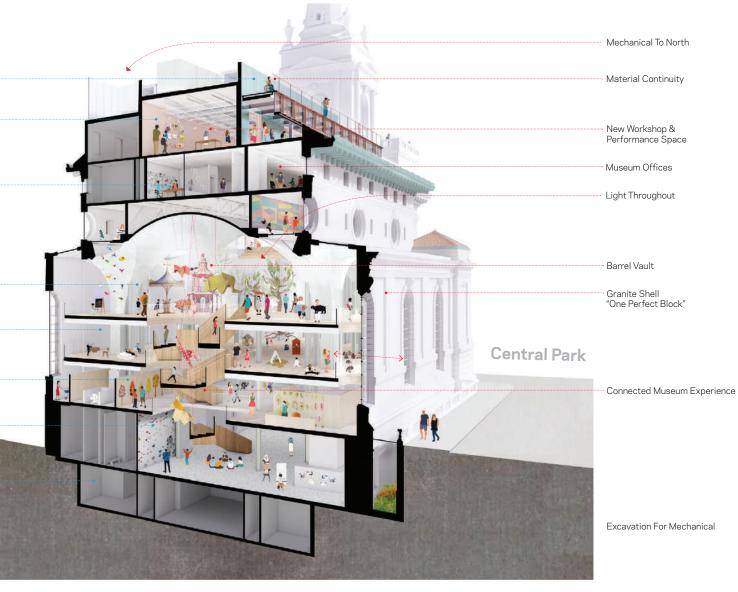
**Exhibits** • Family Tours • School Group Visits **STEAM Workshops** • Demonstrations

Early Childhood Exhibits · Daily Story Music & Movement · Cultural Programs Puppet Shows · Mini Performances

**Lobby · Cafe ·** Ticketing **· Stroller Check**Exhibits • "Courtyard" • **Roving Performers**CMOM Greeters

Exhibits · Family Tours · School Group Visits STEAM Workshops · Demonstrations

**Exhibitry Shop · Mechanical** Rooms Support Spaces · Storage · Security · Maintenance



Transform & Adapt





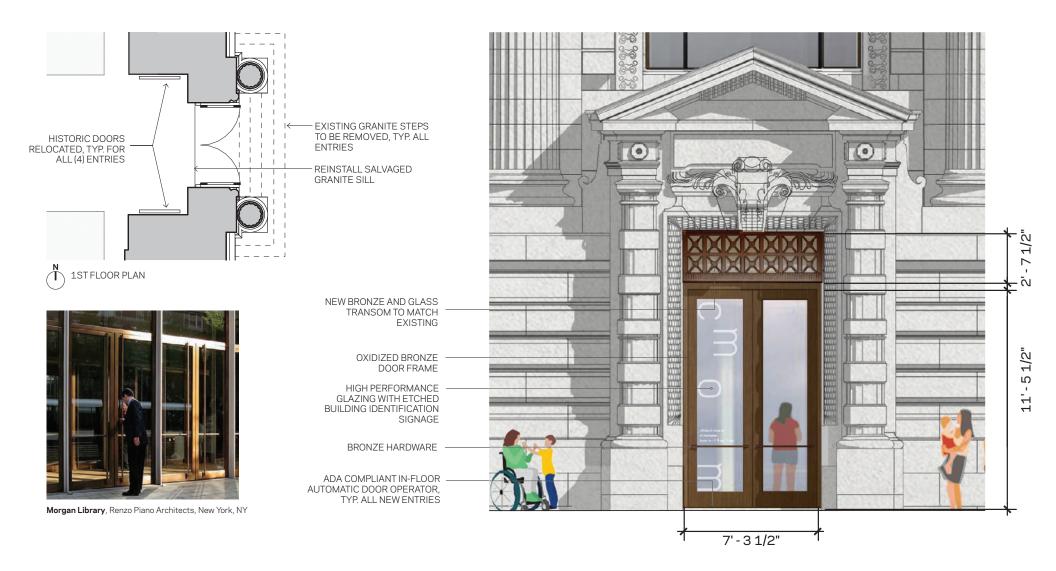
Existing CPW Entries

Proposed 1st Floor Plan



Proposed CPW Entries



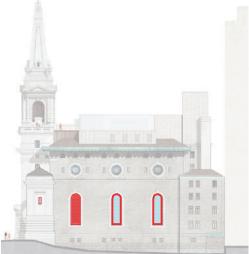


Proposed CPW Main Entry











#### (1) East Window

New bronze frame and clear high performance bird safe glass. Donate existing bronze frame & stained glass to National Building Arts Center.

#### (5) Arched Windows

New bronze frame and clear high performance bird safe glass with restored stained glass borders.

Donate existing bronze frame, opalescent & stained glass medallion, including religious iconography to National Building Arts Center.

#### (1) Arched Window

New bronze frame and clear high performance bird safe glass with fully restored stained glass border, opalescent glass & stained glass medallion including religious iconography.

Donate existing bronze frame to National Building Arts Center if desired.

#### (3) Stair Windows

New bronze frame and clear high performance bird safe glass with restored stained glass borders.

Donate existing bronze frame, opalescent & stained glass medallion, including religious iconography to National Building Arts Center.

#### (2) Stair Windows

New bronze frame and clear high performance bird safe glass with restored stained glass borders.

Donate existing bronze frame & opalescent glass to National Building Arts Center.

Stained Glass Windows Approach



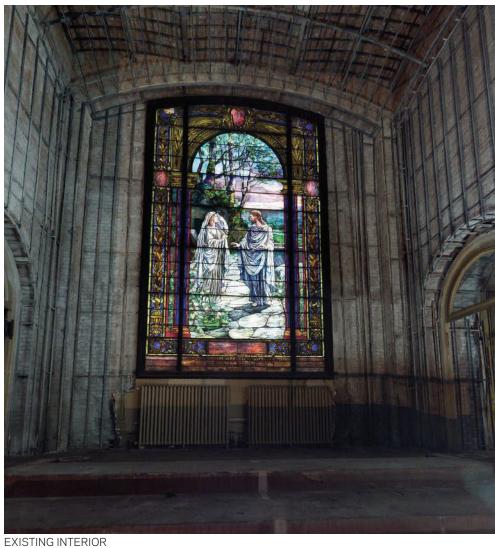




Connected Experience







**EXISTING EXTERIOR** 

East Facade (CPW) Main Window



NEW BRONZE FRAMES TO MATCH THE FOLLOWING OF THE ORIGINAL FRAMES:

- 1. DETAILING
- 2. MATERIAL
  3. CONFIGURATION
- 4. FINISH
- 5. GLAZING AREA

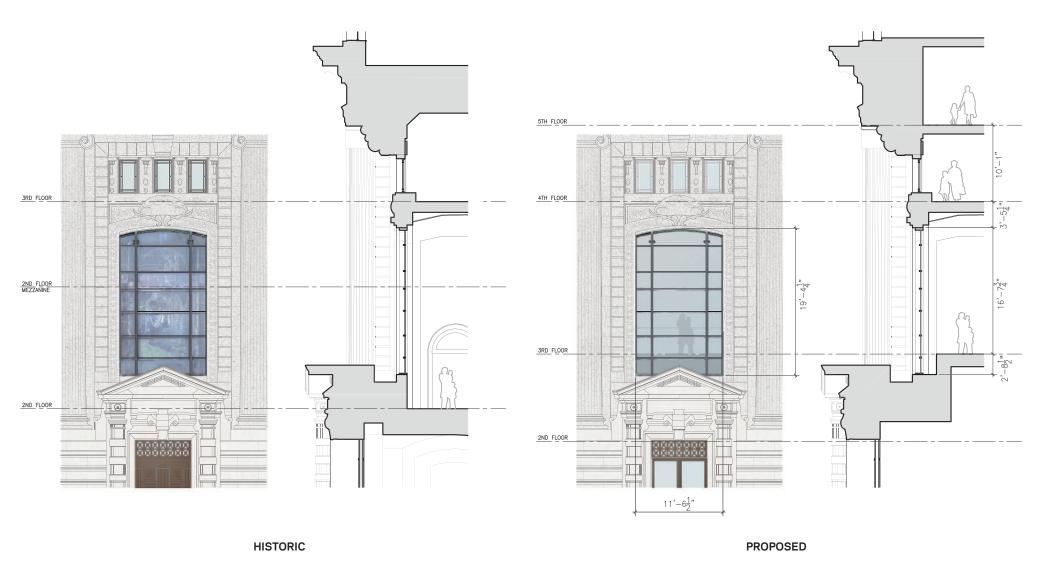
NEW CLEAR HIGH PERFORMANCE & BIRD SAFE GLASS REPLACES EXISTING STAINED GLASS

EXISTING BRONZE FRAME & STAINED GLASS TO BE DONATED TO THE NATIONAL BUILDING ARTS CENTER

PROPOSED EXTERIOR

East Facade (CPW) Main Window

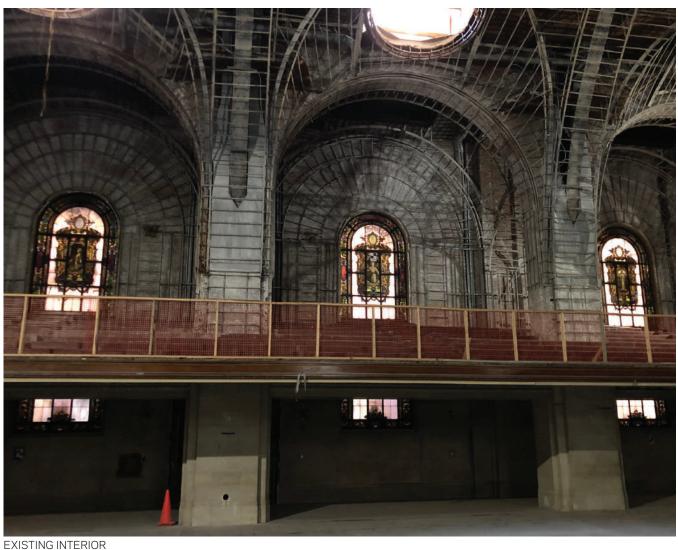
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East Facade (CPW) Main Window



**EXISTING EXTERIOR** 



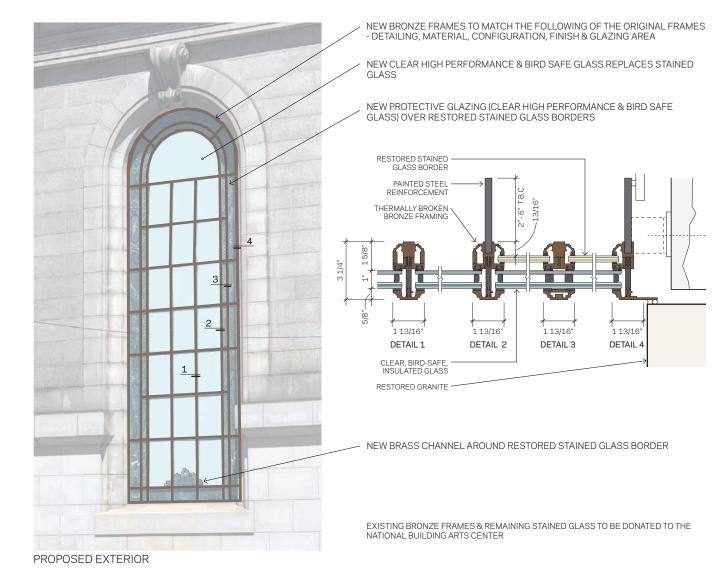
North & South Facade Arched Windows





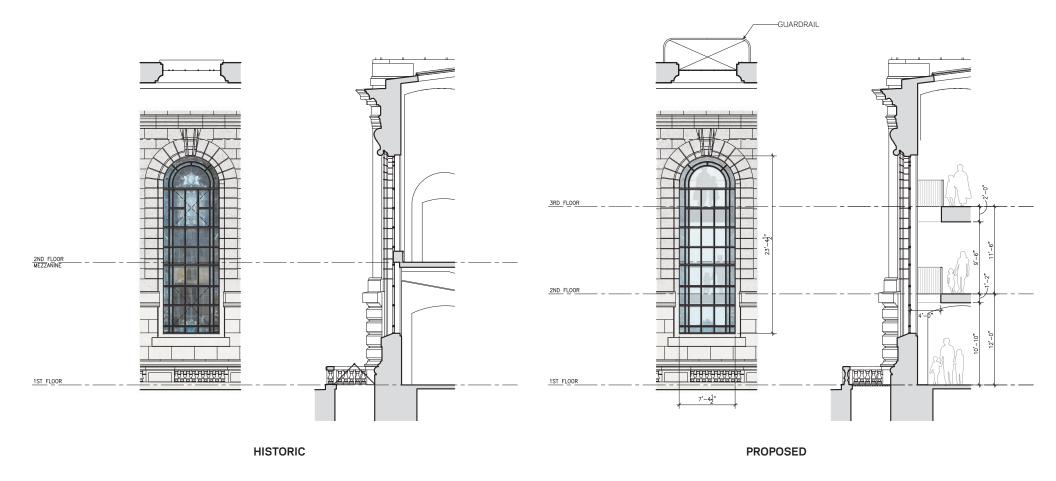


**EXISTING EXTERIOR** 



(2) North & (3) South Facade Arched Windows

**@VION fx**collaborative



(2) North & (3) South Facade Arched Windows





**EXISTING EXTERIOR** 



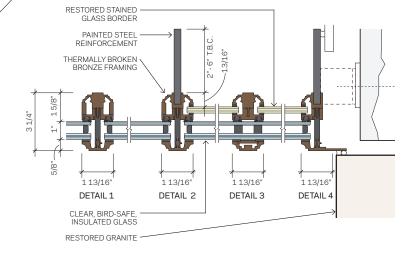
PROPOSED EXTERIOR

Stair Hall Windows

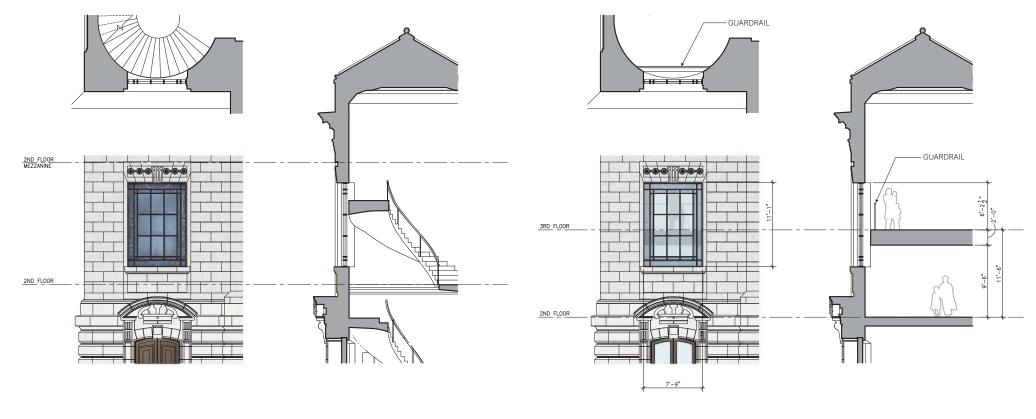
NEW BRONZE FRAMES TO MATCH THE FOLLOWING OF THE ORIGINAL FRAMES - DETAILING, MATERIAL, CONFIGURATION, FINISH & GLAZING AREA

NEW CLEAR HIGH PERFORMANCE & BIRD SAFE GLASS REPLACES STAINED GLASS

NEW PROTECTIVE GLAZING (CLEAR HIGH PERFORMANCE & BIRD SAFE GLASS) OVER RESTORED STAINED GLASS BORDERS



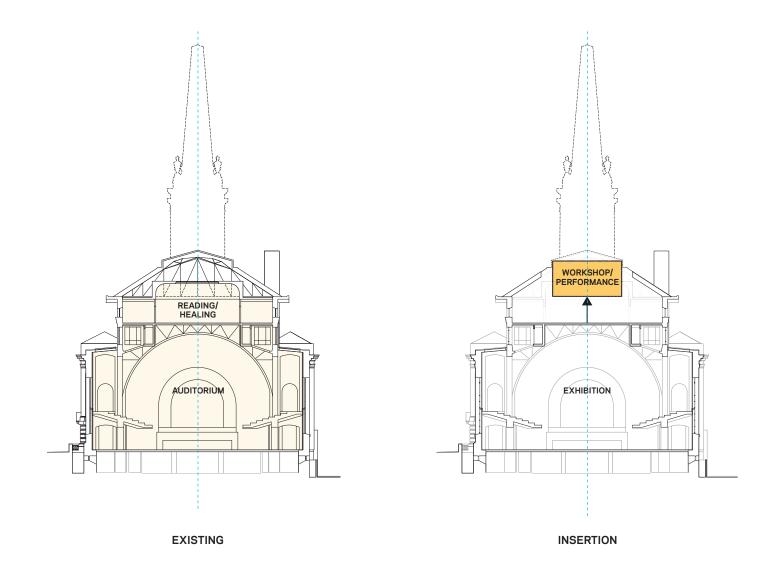




EXISTING PROPOSED

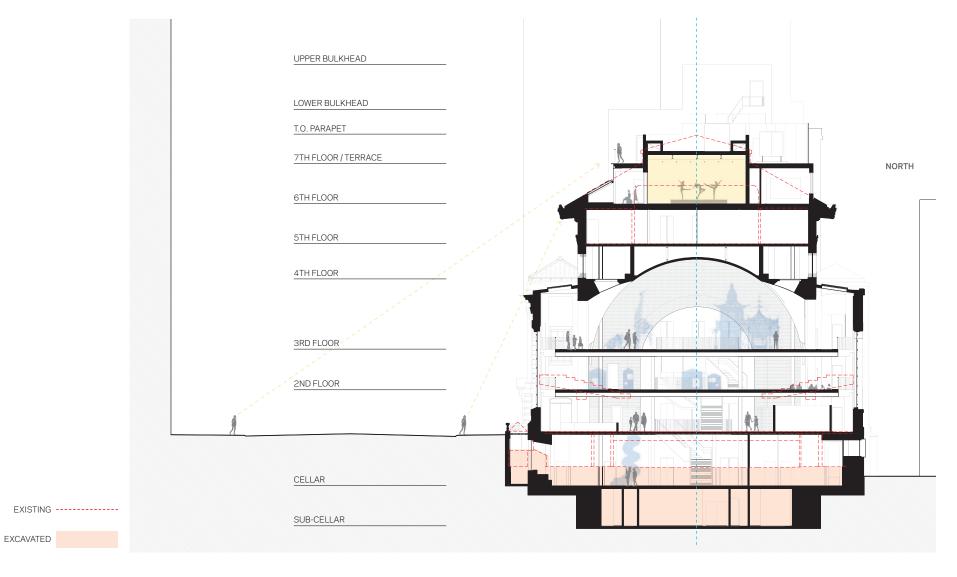
Stair Windows



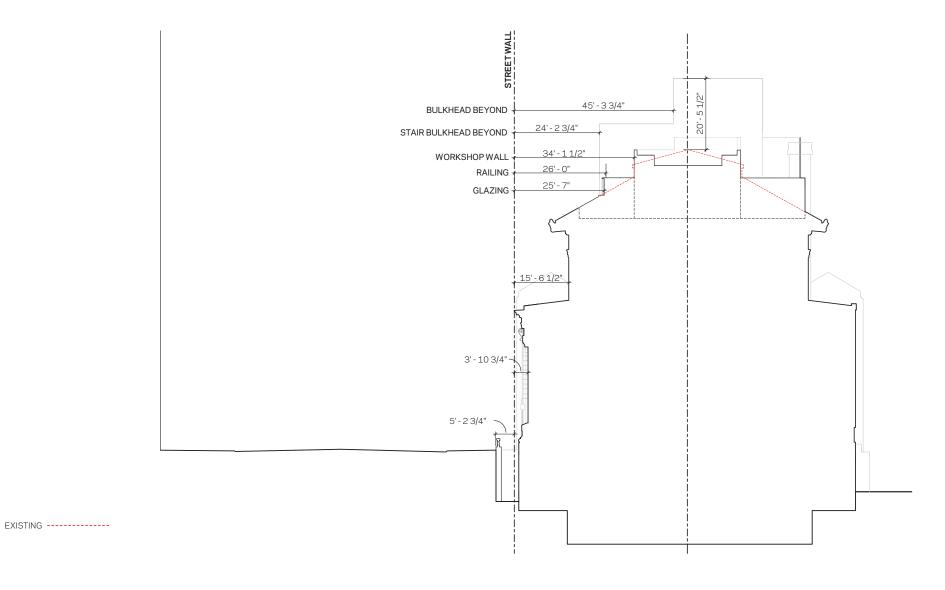


Concept - Lifted Center





Cross Section Overlay



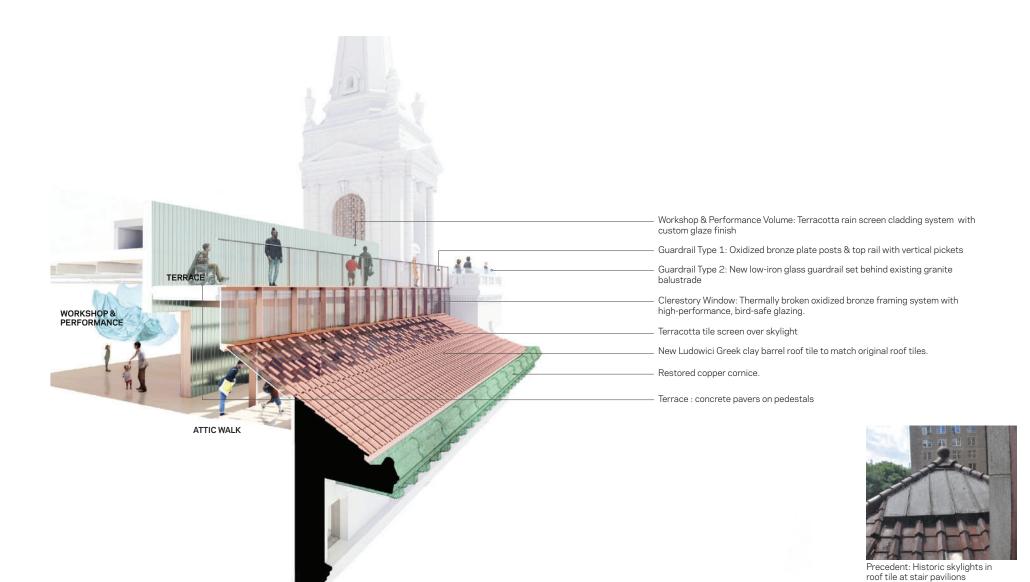
Setback Dimensions from Street Wall

**Roof Cross Section** 

6' - 10 1/4"

16' - 9 1/4"

7' - 9 1/2"

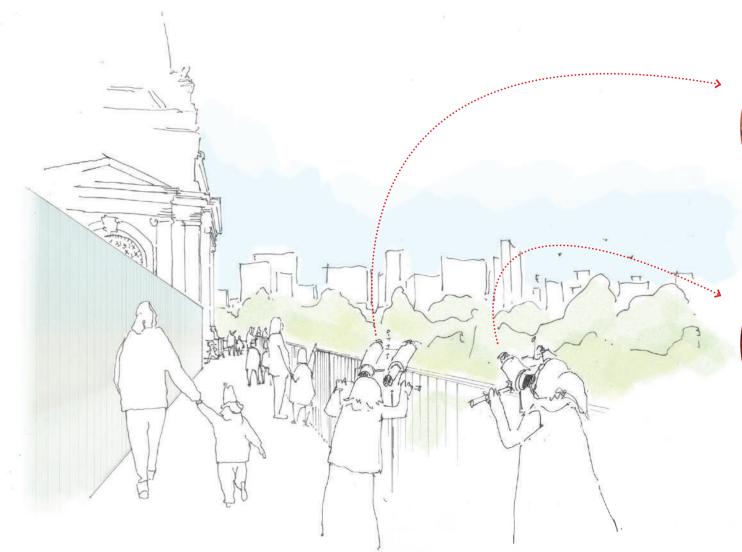


Workshop / Performance, Attic Walk & Terrace









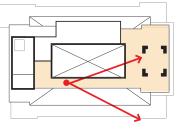




Central Park, source: NYPL Collections

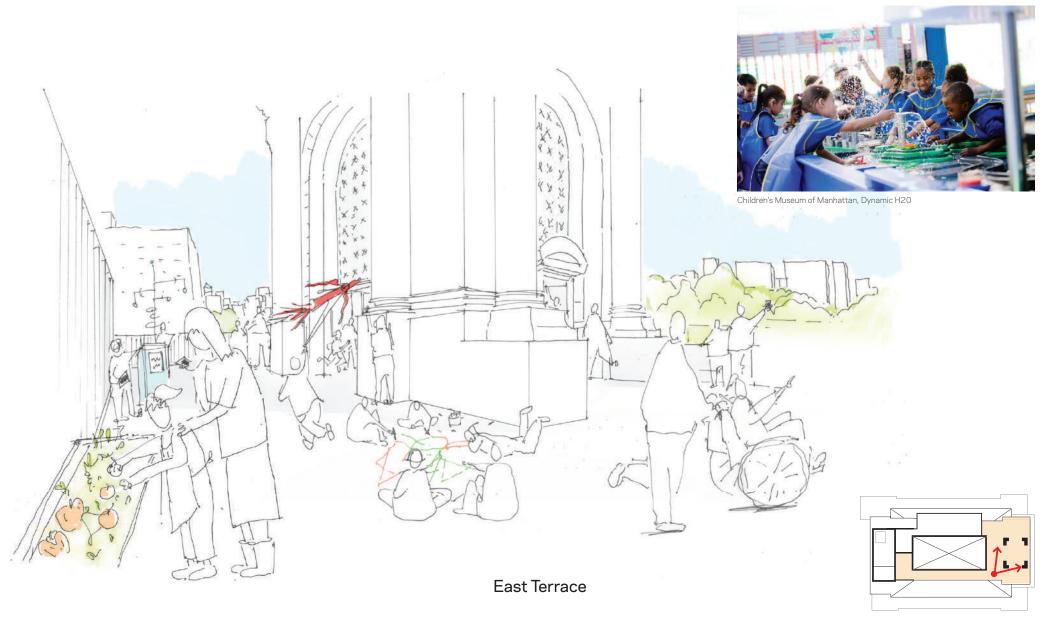


South Terrace

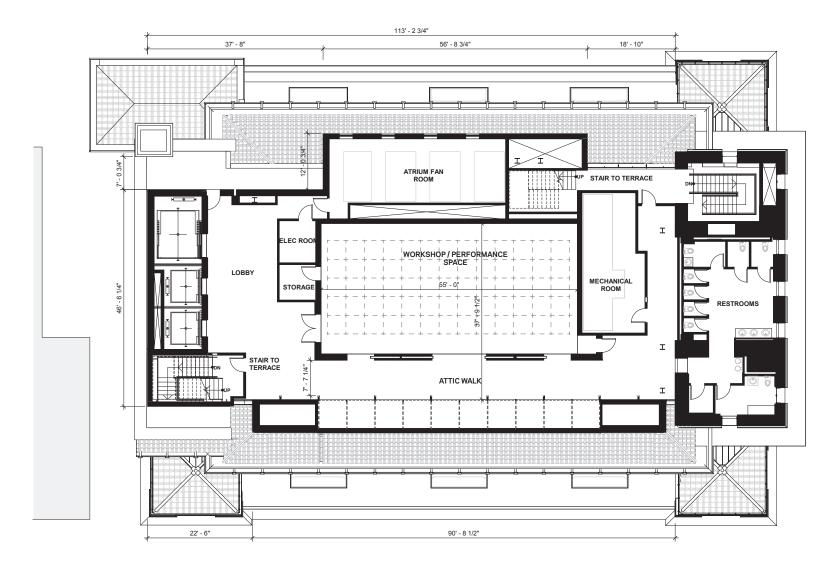




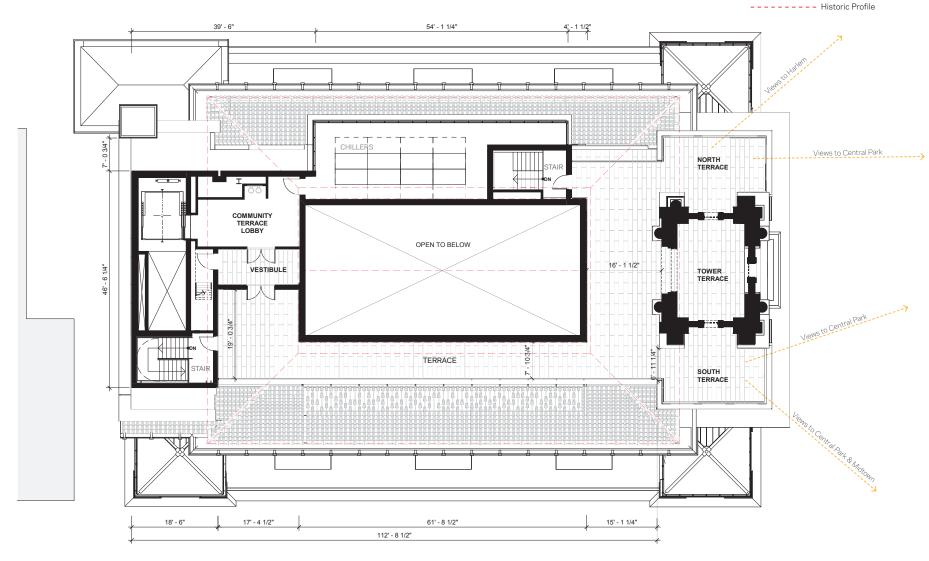




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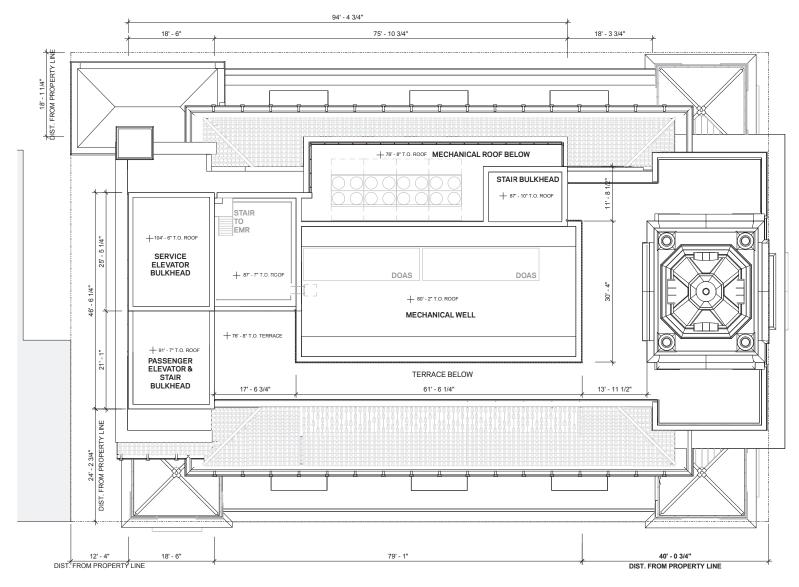


6th Floor Plan

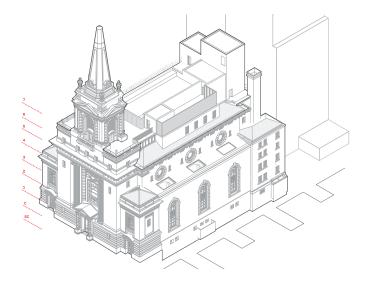


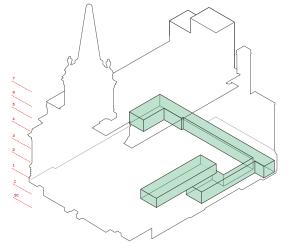
7th Floor / Terrace Plan



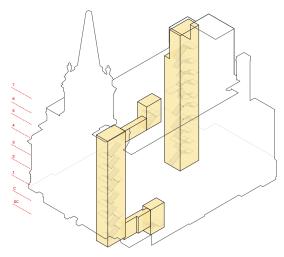


**Roof Plan** 

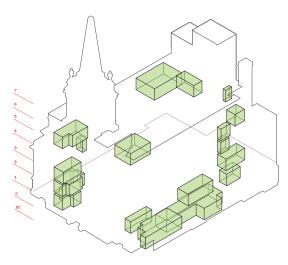




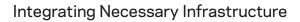
STROLLER STORAGE

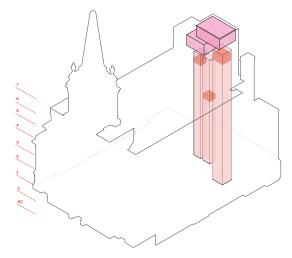


VERTICAL CIRCULATION: EGRESS STAIRS

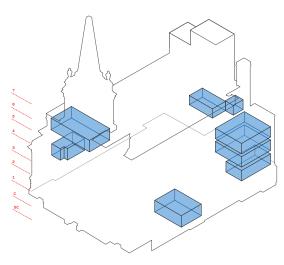


SUPPORT: STORAGE, IT/ELEC ROOMS, JC, EXHIBIT SHOP

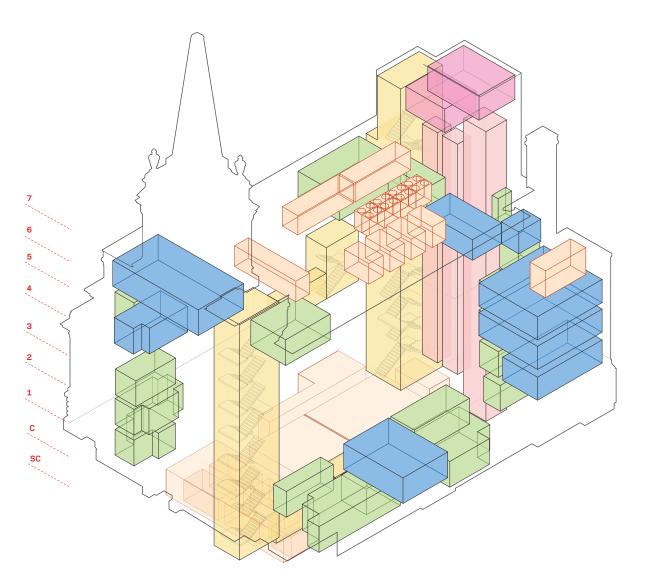




**ELEVATORS & MACHINE ROOMS** 



ALL-GENDER ADA BATHROOMS



# TOTAL INFRASTRUCTURE

 VERTICAL CIRCULATION
 4,350 SF

 ELEVATORS & MACHINE ROOMS
 4,650 SF

 EQUIPMENT
 6,051 SF

 STROLLER STORAGE
 1,760 SF

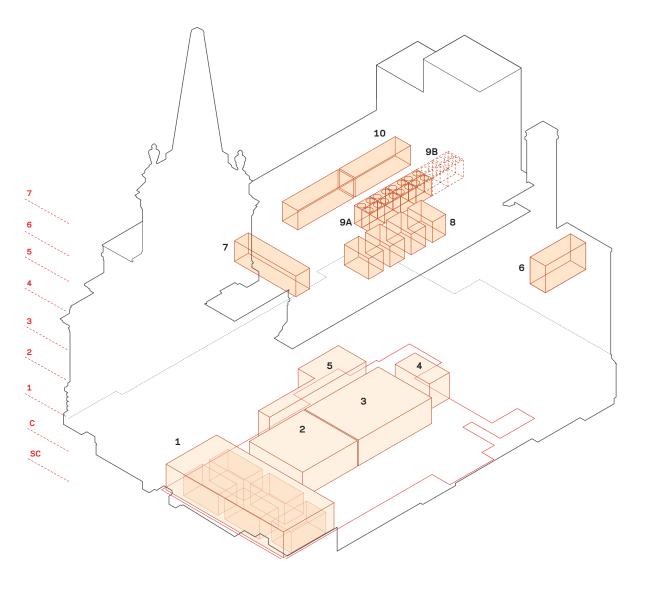
 SUPPORT
 3,540 SF

 BATHROOMS
 2,823 SF

TOTAL SF 23,174 SF

Integrating Necessary Infrastructure

**@NON fx**collaborative



# MEP EQUIPMENT LOCATIONS

# **SUBCELLAR**

- MODULAR THERMAL ENERGY STORAGE TANKS (ICE STORAGE) FIRE PUMP, ELEC DISTRIBUTION, EMERGENCY ELEC BOILER & CHILLER PUMP ROOM

- WATER SERVICE
- MAIN ELEC ROOM, GAS METER, SUMP PUMP

#### 3RD FL MEZZANINE

**EMERGENCY GENERATOR** 

#### **6TH FLOOR**

- AIR HANDLING UNIT PERFORMANCE/WORKSHOP
- ATRIUM SMOKE EXHAUST & POST FIRE SMOKE PURGE FANS (4)

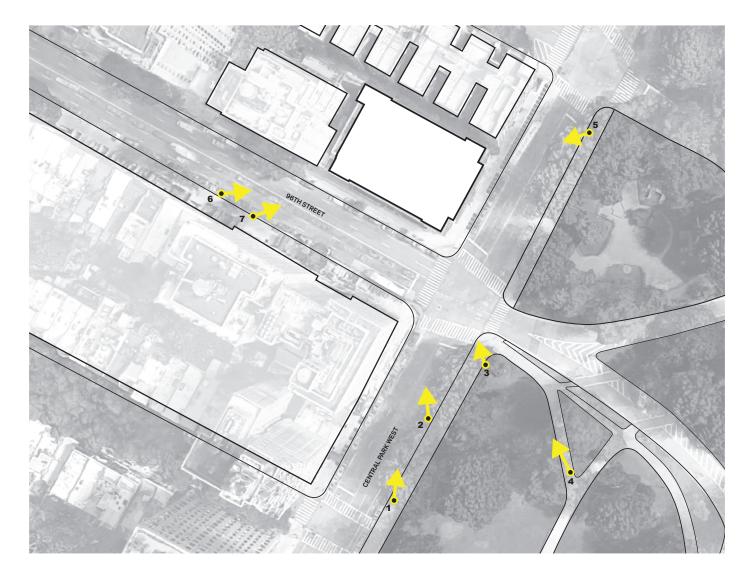
#### TERRACE / ROOF

- MODULAR AIR COOLED CHILLERS (8)
- ICE STORAGE REDUCES NUMBER OF CHILLER MODULES (-4)

# MECHANICAL WELL

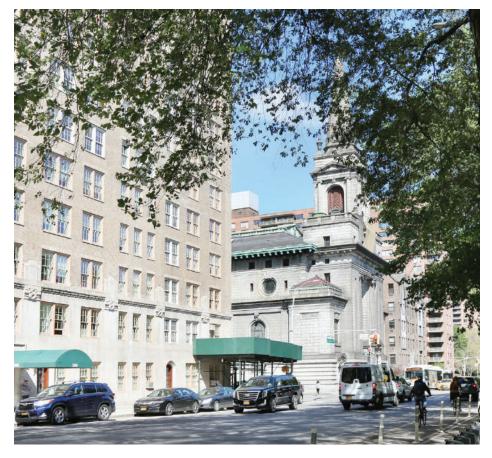
DIRECT OUTSIDE AIR SYSTEM UNITS (2)

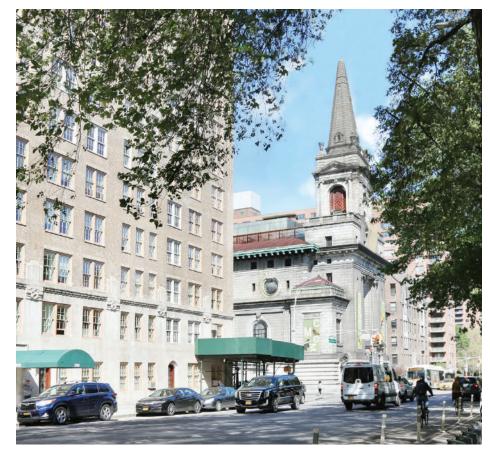
Integrating Necessary Infrastructure



Street Level Views







EXISTING PROPOSED

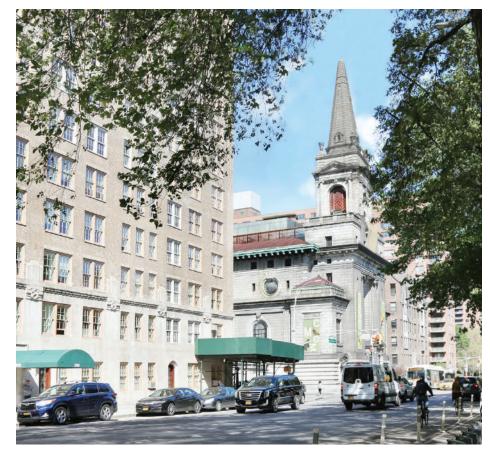


Site Plan

View 1 - CPW South of 96th Street







MOCK-UP **PROPOSED** 



View 1 - CPW South of 96th Street











EXISTING PROPOSED



Site Plan

View 2 - CPW South of 96th Street









MOCK-UP **PROPOSED** 



View 2 - CPW South of 96th Street









**EXISTING PROPOSED** 



View 3 - Southeast Corner of CPW & 96th Street









MOCK-UP **PROPOSED** 



View 3 - Southeast Corner of CPW & 96th Street









EXISTING PROPOSED

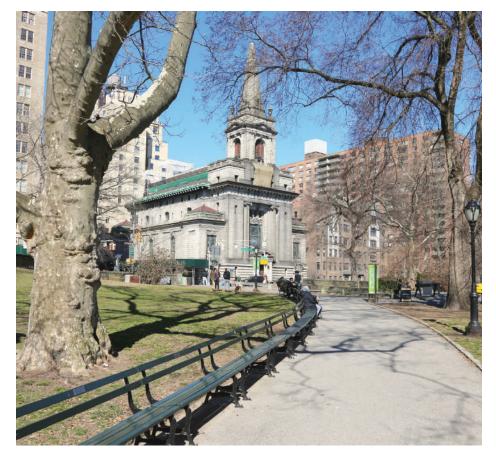


Site Plan

View 4 - From Central Park









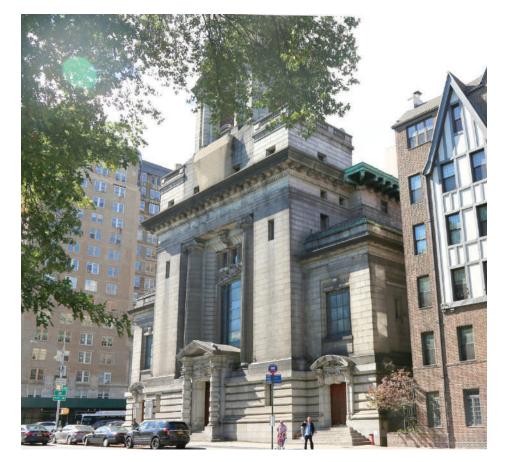
MOCK-UP PROPOSED

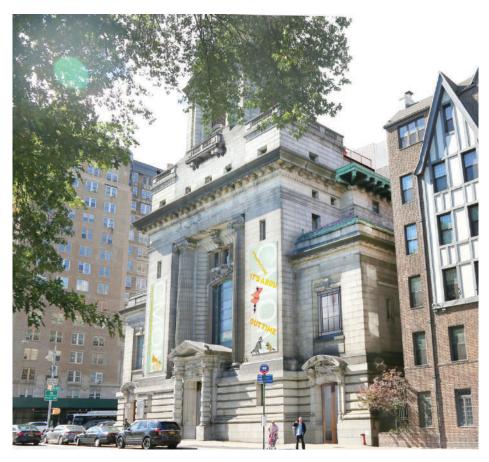


Site Plan

View 4 - From Central Park







**EXISTING PROPOSED** 

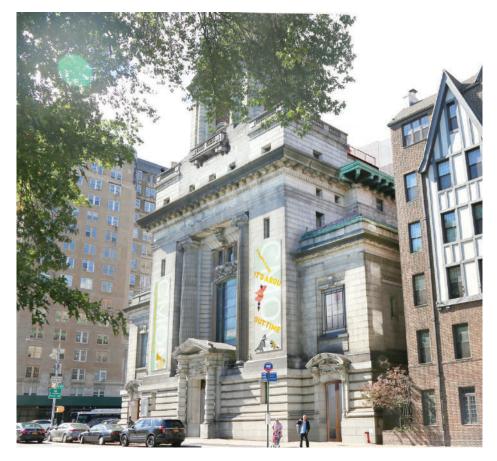


View 5 - CPW North of 96th Street









MOCK-UP PROPOSED



Site Plar

View 5 - CPW North of 96th Street









EXISTING PROPOSED



Site Plan

View 6 - 96th Street

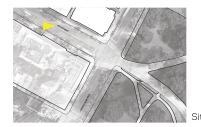








MOCK-UP PROPOSED



View 6 - 96th Street

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EXISTING PROPOSED



Site Plan

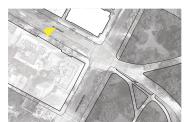
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MOCK-UP PROPOSED



Site Plan

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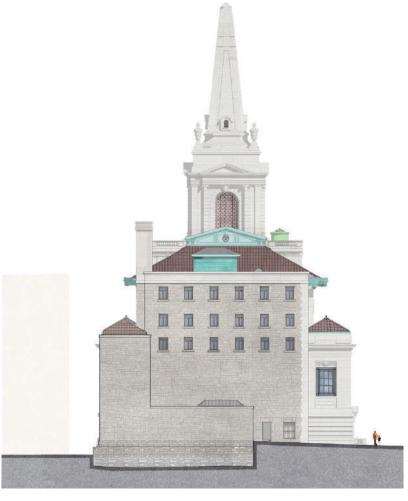


South Elevation





East Elevation



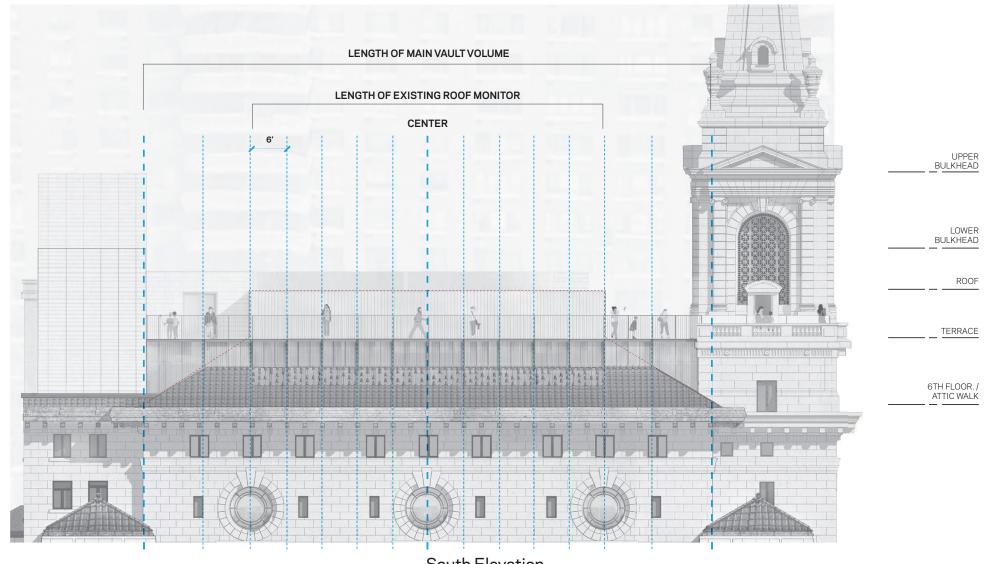


West Elevation



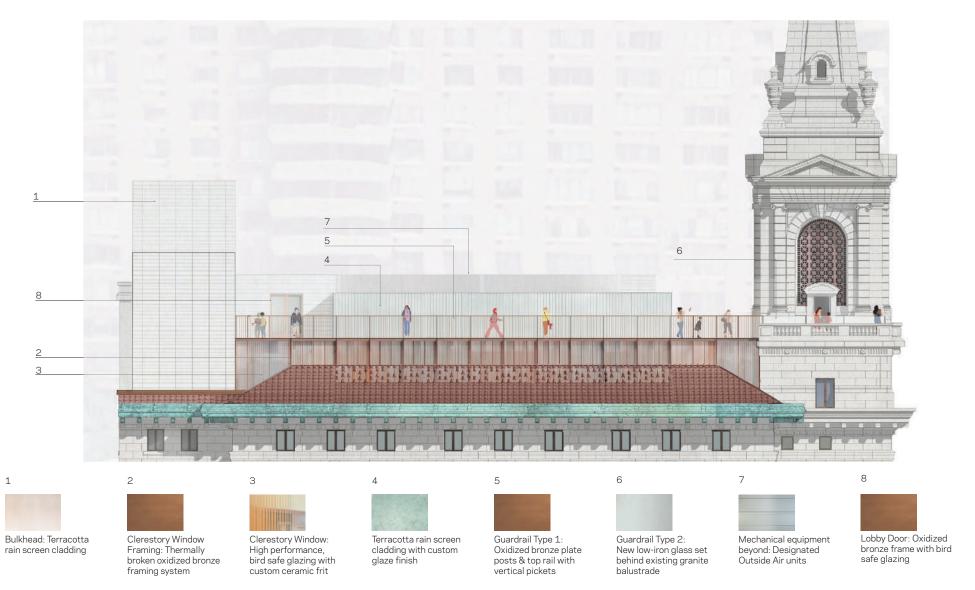
North Elevation





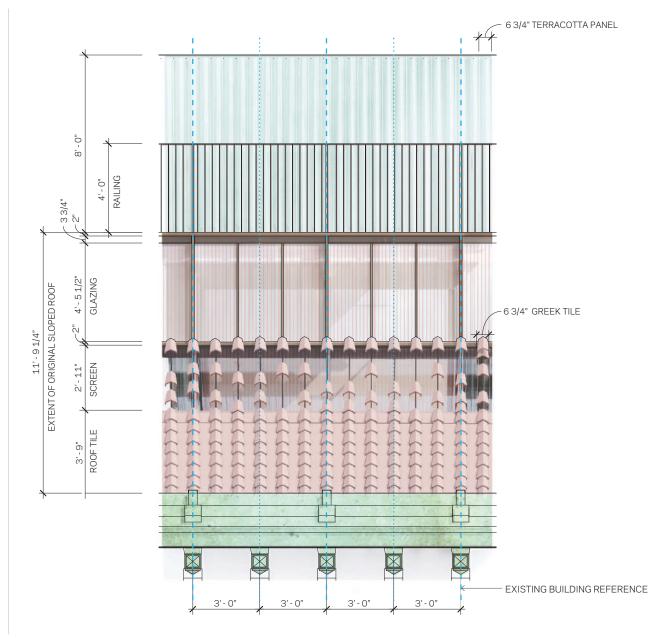
South Elevation





# South Elevation









Ludowici Greek Clay Roof Tile



**Oxidized Copper** 



**Concord White Granite** 



**New Oxidized Bronze** 

- Railing at Terrace
- Fins and Framing at Glazing
- All New Door Frames



Terracotta with Custom Glaze

Interior & Exterior Rainscreen Wall at Workshop/Performance Volume



Low E, Bird Safe Glazing with Ceramic Frit Pattern

Clerestory Windows at Roof



Terracotta Rainscreen Wall

Elevator & Stair Bulkheads



Perforated Metal Screen

Acoustic Screen For Mechanical Equipment On North Side



Concrete Paver

Terrace Pavers



Painted Hollow Metal

Service Door At West Service Entry



Clear Low-Iron Glass

Guardrails Behind Existing Terrace Granite Balustrade

MATERIAL PALETTE



# Children's Museum of Manhattan

Landmarks Preservation Commission Application







HISTORIC EXISTING PROPOSED

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## Children's Museum of Manhattan

## Appendix

75	Project '	Team
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**76** Service Entry

**77-78** Areaway

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**87** Historic District Maps

**88-106** Mock-up Views and Drawings

**107-112** Views - Previously Proposed (12/06/2019) vs. Proposed (02/19/2020)

**113-116** Elevations - Previously Proposed (12/06/2019) vs. Proposed (02/19/2020)

**117** Existing South Elevation with Proposed Addition Overlay

**118** Section Through Core (Egress Stair & Elevators)

**119** Sub-Cellar Plan

**120** National Building Arts Center Information

## Children's Museum of Manhattan

Project Team

**FXCollaborative Architects** Cerami (Acoustics & AV)

**Galia Solomonoff** (Museum Installation Advisor) **VDA** (Elevator)

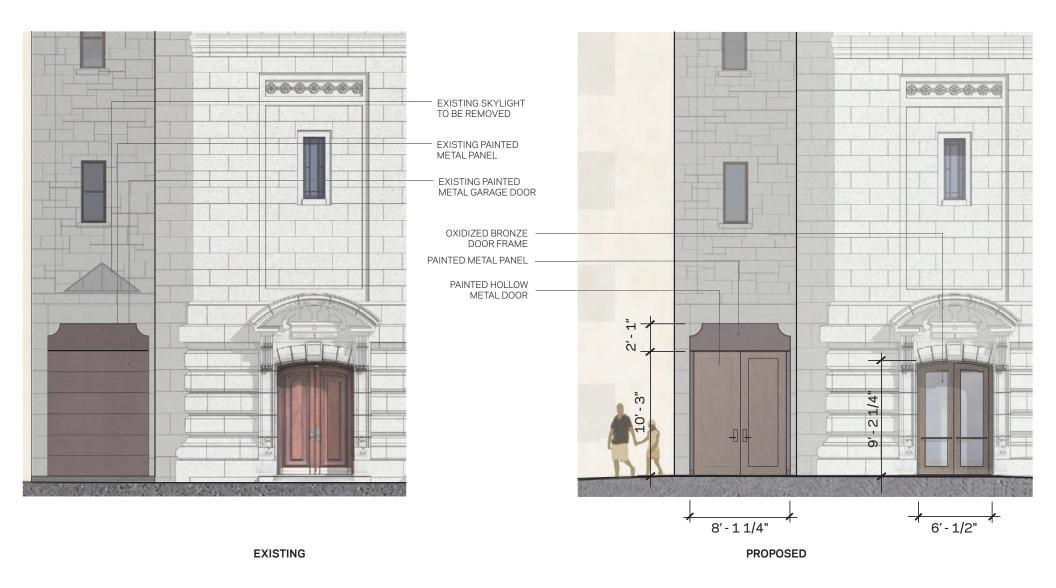
**DeSimone** (Structural) Romano Gatland (Food Service)

Kohler Ronan (MEP & IT) Steven Winter Assoc. (LEED & Accessibility)

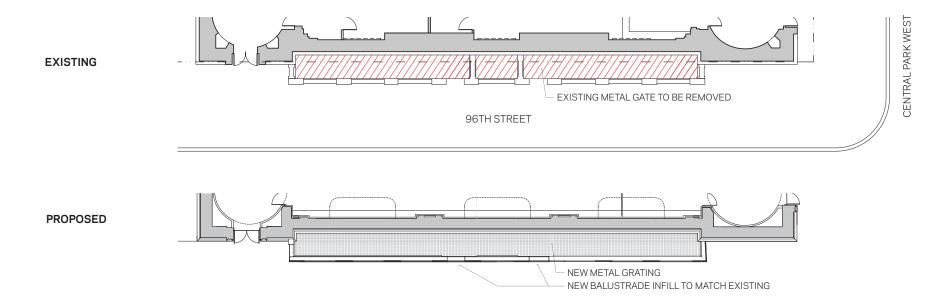
Li/Saltzman (Preservation & Landmarks) CCI (Code)

Langan (Civil & Geotech) Horus Bronze (Special Windows)

**Tillotson** (Lighting) Femenella & Assoc. (Stained Glass)



Service Entry

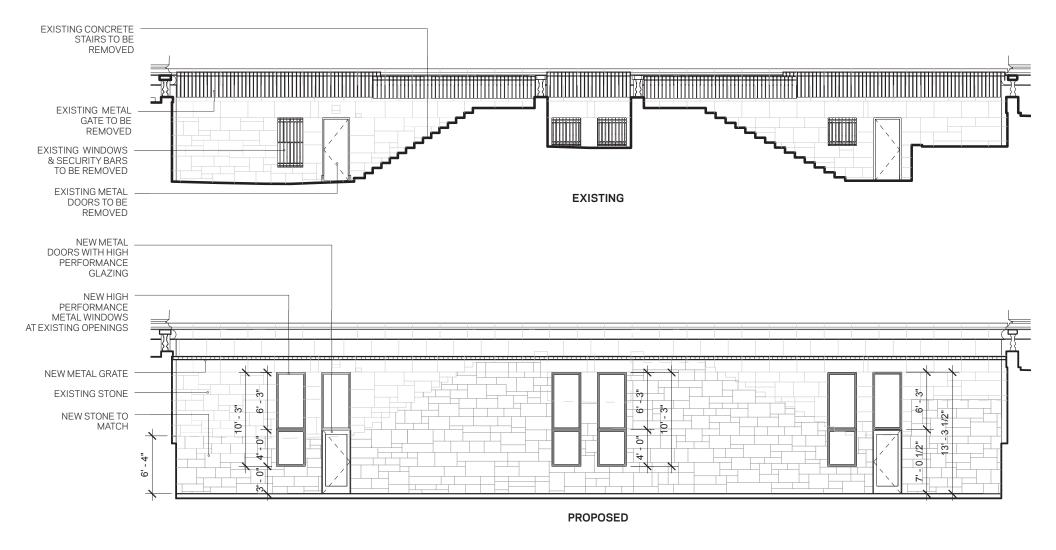






Areaway





#### Areaway

- Lighting should encourage engagement and exploration.
- Exterior lighting should acknowledge new use of historic building.
- Lighting will respect the residential neighborhood context with minimal light spill and low glare luminares.



New York Historical Society

### Lighting



glow from interior to highlight lantern behind reconstructed lattice

low level soft light on terrace

subtle light from interior showcasing activity of community center

glow from interior to accentuate historic round windows

light glow through hostoric stained glass border around windows

light from interior promoting new activity within

soft light at entries to welcome visitors



EAST ELEVATION



glow from interior to highlight lantern behind reconstructed lattice

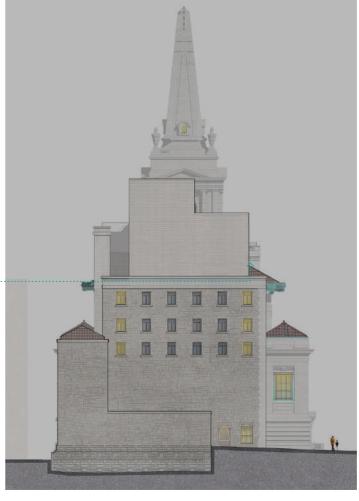
low level soft light on terrace

subtle light from interior showcasing activity of community center

glow from interior to accentuate historic round windows

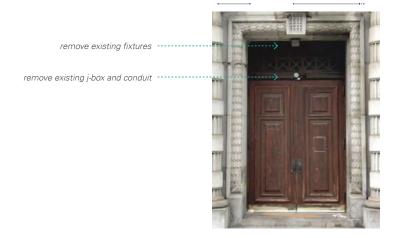
light glow through hostoric stained glass border around windows

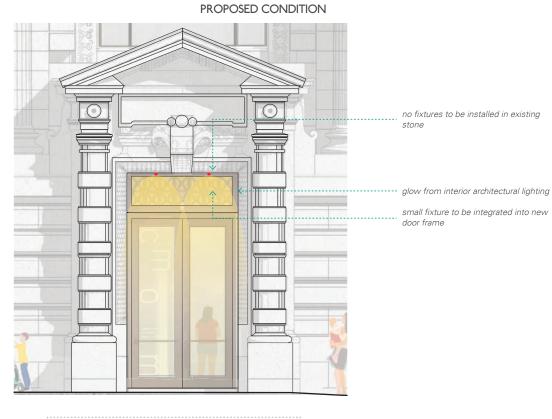
light from interior promoting new activity within



WEST ELEVATION

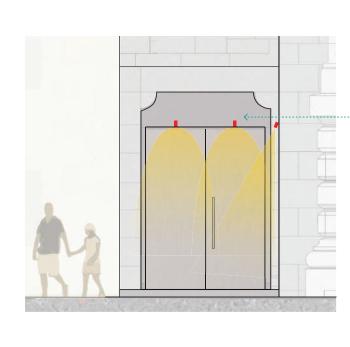
#### **EXISTING CONDITION**









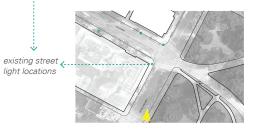


small adjustable fixtures to be mounted on vertical surface to floodlight garage area without creating scallops on the door

SMALLADJUSTABLEFLOODLIGHT

### VIEW I FROM CENTRAL PARK WEST (SOUTH)





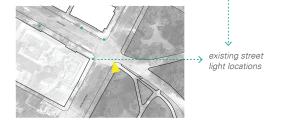
#### VIEW 2 FROM CENTRAL PARK WEST (SOUTH)





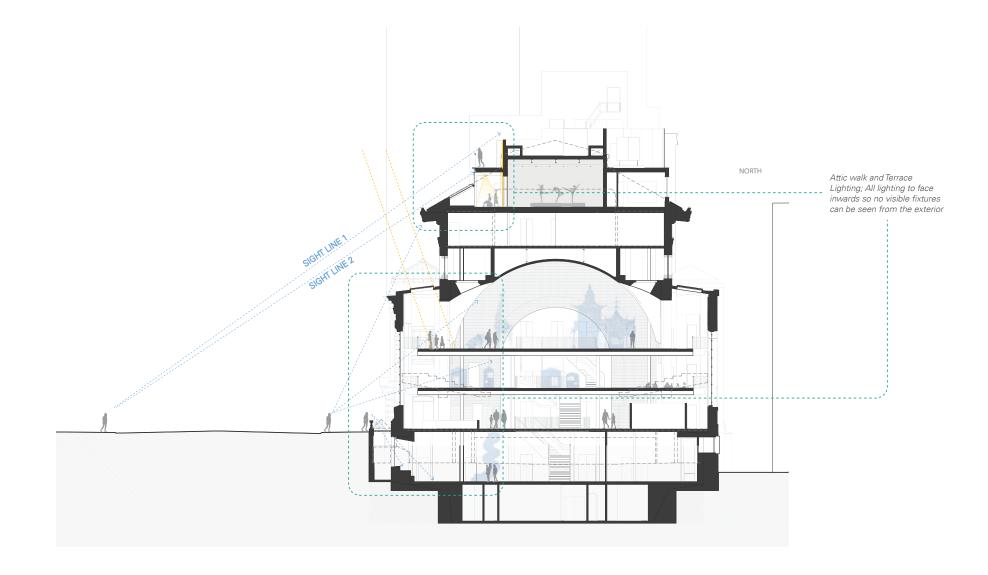
#### VIEW 3 FROM CENTRAL PARK WEST (SOUTH)



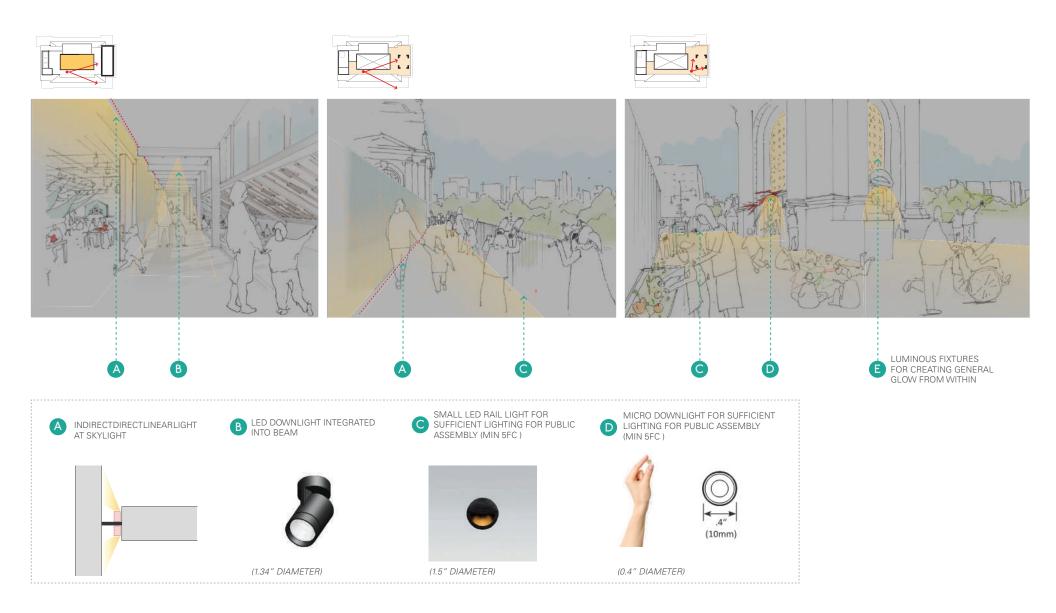


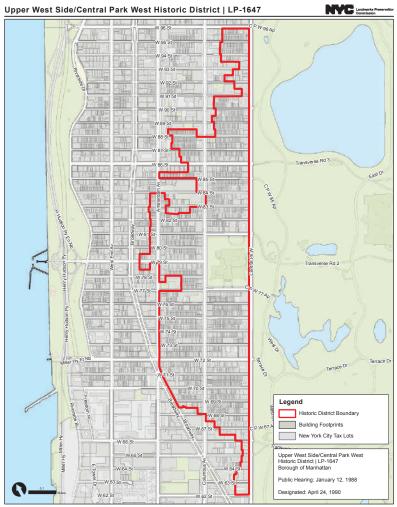
ALL ARCHITECTURAL LIGHTING WILL BE PART OF THE BUILDING SYSTEM WHICH WILL BE ON A TIMECLOCK AND TURNED OFF AT 11 PM. LIGHTING WILL ONLY BE ON DURING OPERATIONAL HOURS WITH POTENTIAL EXTENDED HOURS DURING THE SUMMER AND FALL FOR EVENTS.





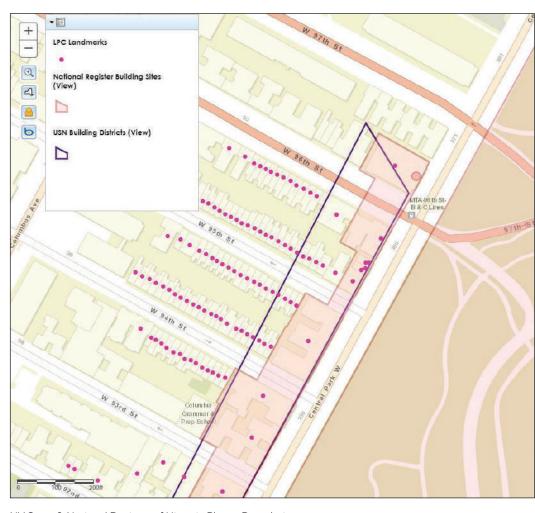






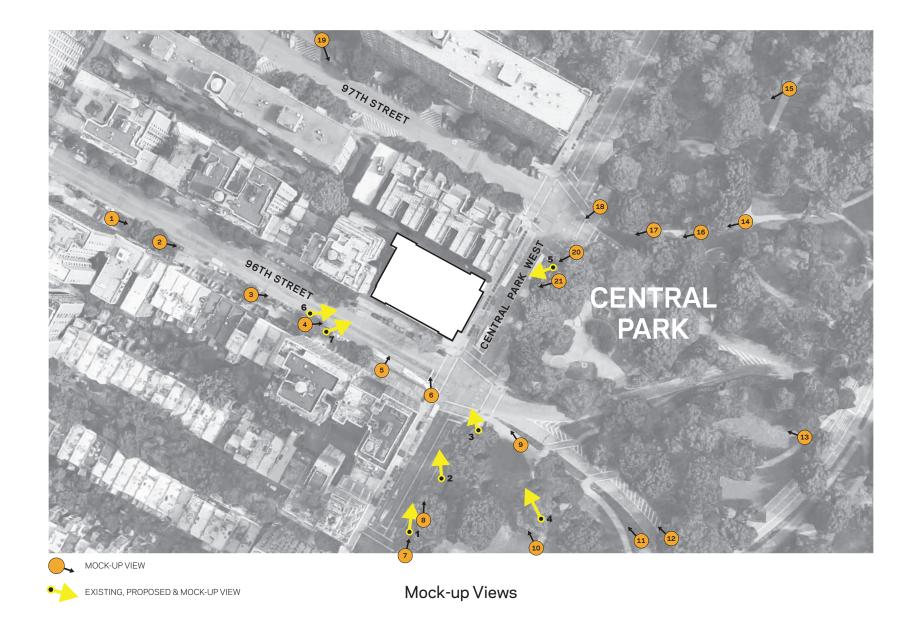
Graphic Source: May PLUTIC, Edition 18v1, Author: New York City Landmarks Preservation Commission, LCR Date 3.28.2019

LPC-1674 Upper West Side / Central Park West Historic District



NY State & National Register of Historic Places Boundaries

### Historic District Maps



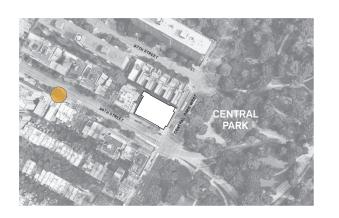
**ENOW** fxcollaborative





NOTE: Photo taken closer to curb due to sidewalk shed.









VIEW 3

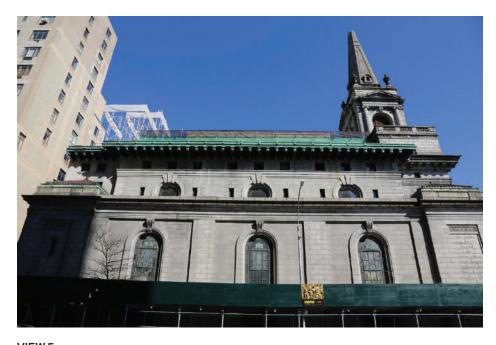




VIEW 4







VIEW 5



NOTE: Photo taken closer to curb due to sidewalk shed.



VIEW 6



NOTE: Photo taken closer to curb due to sidewalk shed.



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VIEW 7



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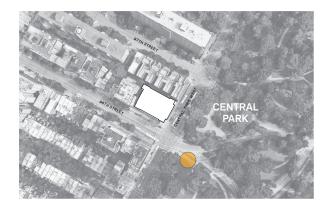


VIEW8









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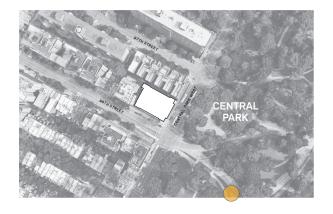
VIEW 10







VIEW 11



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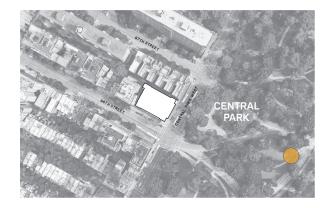








VIEW 13



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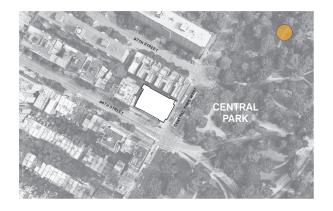


VIEW 14





VIEW 15



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VIEW 16





VIEW 17





VIEW 18







VIEW 19





VIEW 20







VIEW 21





Mockup View 1 - CPW South of 96th Street

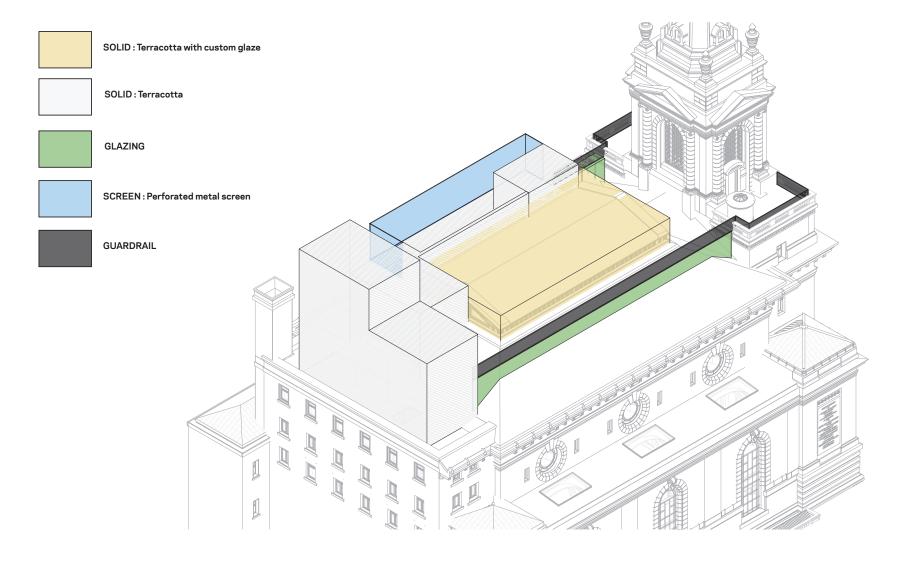


Mockup View 2 - Southeast Corner of CPW & 96th

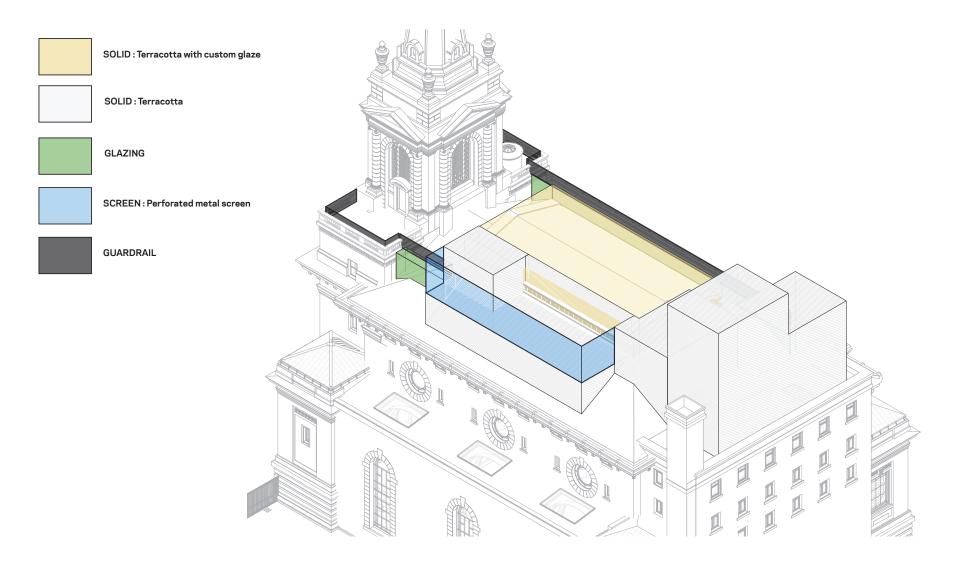




Mockup View 3 - 96th Street

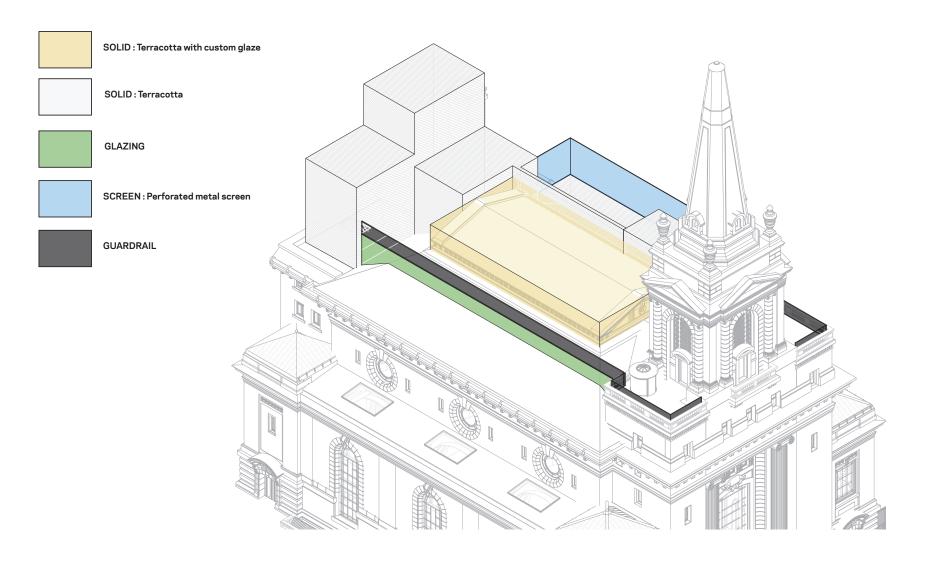


Mockup Axon - Southwest

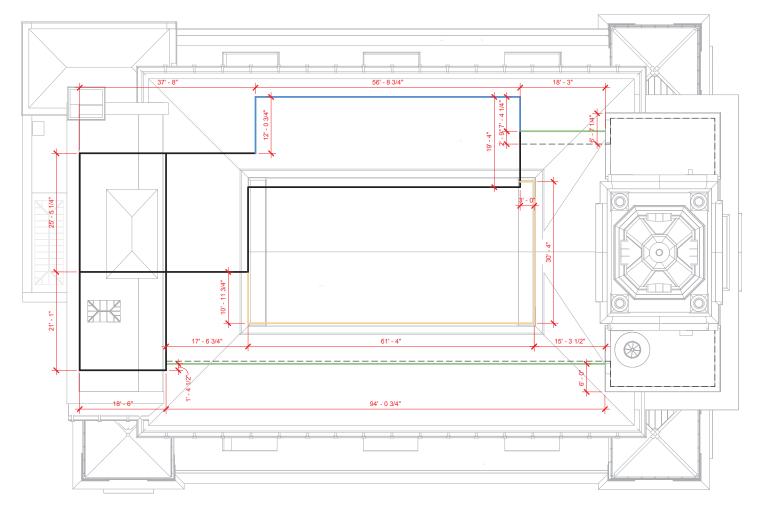


Mockup Axon - Northwest

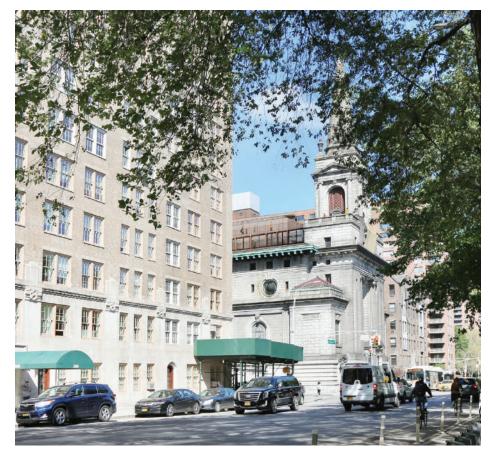




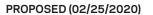
Mockup Axon - Southwest



Mockup - Roof Plan



PREVIOUSLY PROPOSED (12/06/2019)





Site Plan

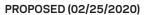
View 1 - CPW South of 96th Street







PREVIOUSLY PROPOSED (12/06/2019)





Site Plan

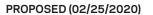
View 2 - CPW South of 96th Street







PREVIOUSLY PROPOSED (12/06/2019)





Site Plan

View 3 - Southeast Corner of CPW & 96th Street





PREVIOUSLY PROPOSED (12/06/2019)



Site Plan

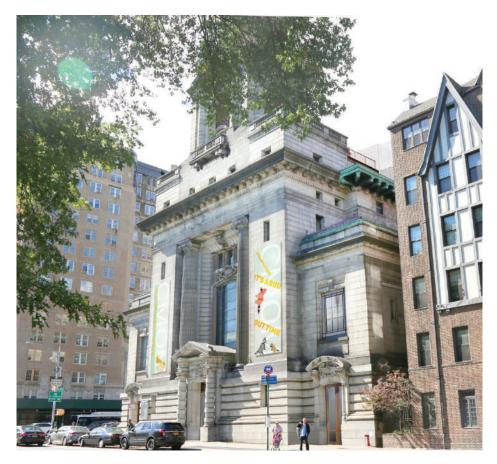
PROPOSED (02/25/2020)

View 4 - From Central Park

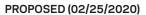








PREVIOUSLY PROPOSED (12/06/2019)





Site Plan

View 5 - CPW North of 96th Street

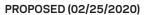








PREVIOUSLY PROPOSED (12/06/2019)





🤻 Site Plan

View 6 - 96th Street









PREVIOUSLY PROPOSED (12/06/2019)

PROPOSED (02/25/2020)

South Elevation

Page 113

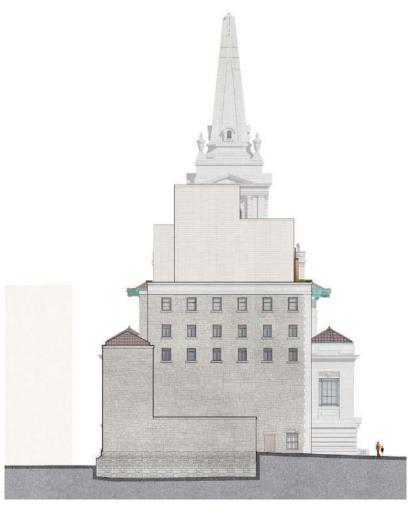


PREVIOUSLY PROPOSED (12/06/2019)



PROPOSED (02/25/2020)

**East Elevation** 



PREVIOUSLY PROPOSED (12/06/2019)



PROPOSED (02/25/2020)

West Elevation



PREVIOUSLY PROPOSED (12/06/2019)

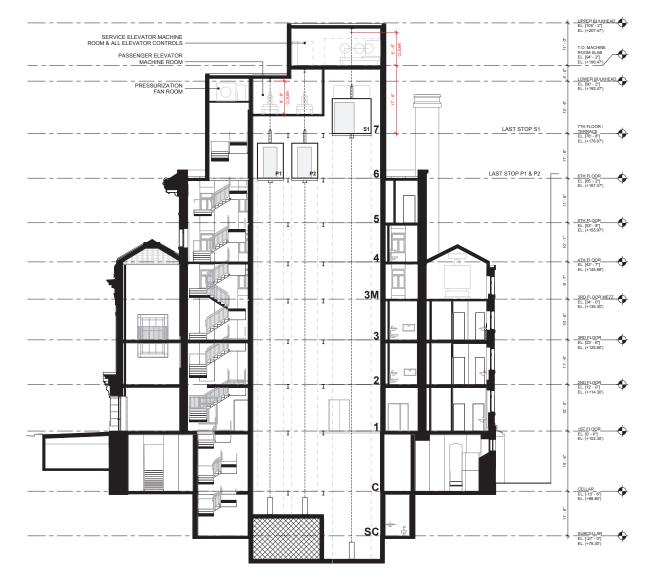
PROPOSED (02/25/2020)

North Elevation



Existing South Elevation - Proposed Modifications Overlay



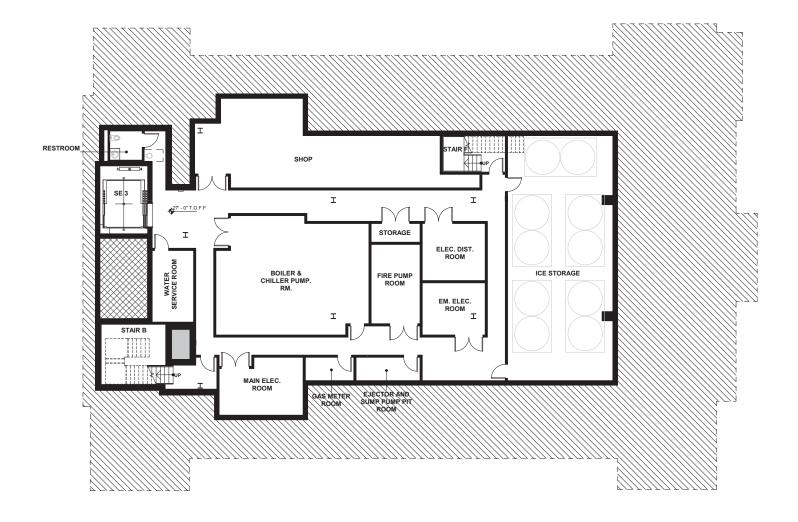


## **ELEVATORS**

- P 1: PASSENGER ELEVATOR 1 CELLAR TO 6TH FLOOR
- P 2: PASSENGER ELEVATOR 2 CELLAR TO 6TH FLOOR
- S 1: SERVICE & PASSENGER ELEVATOR SUB-CELLAR TO 7TH FLOOR/TERRACE

Section through Core

**@NON** fxcollaborative



Sub Cellar Plan

## NATIONAL BUILDING ARTS CENTER (NBAC)

Preserving The Future, Promoting Our Past



Proposed Interior of the National Building Arts Center

The National Building Arts Center is a unique, emergent study center housing the nation's largest and most diversified collection of building artifacts, supported with a research library offering broad holdings in architecture and allied arts. Our collection represents the single largest effort toward understanding the American built environment and the historical process of its creation. The Center strives to use its massive collections to educate the public on all aspects of the building arts from design to fabrication.

NBAC Website web.nationalbuildingarts.org/about/mission/

