The Museum Today
CMOM Exhibits

[Images of various exhibitions and interactive activities at CMOM]
Outreach Map

CMOM is all over town!
Our flagship building is at West 83rd Street. Our new home is at 361 Central Park West.

We can also be found citywide at:
- Schools
- Public libraries
- Head Start centers
- NYC Department of Homeless Services family shelters
- Other sites (Memorial Sloan Kettering Cancer Center, NYC Administration for Children’s Services Intake Office, etc.)
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
Public Transit Access
Stone Shell
Design Evolution

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
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

EXISTING CONDITIONS OF ROOF

EXISTING CONDITIONS OF WINDOWS

EXISTING CONDITIONS AT 96TH STREET SIDEWALK VAULT

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

Design Innovation
Interior - Then & Now

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

First Church of Christ, Scientist
2019 by FXCollaborative
Precedents - New into Old

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
Existing CPW Entries
Proposed CPW Entries

6'-0"

7'-3 1/2"

6'-0"
HISTORIC DOORS RELOCATED, TYP. FOR ALL (4) ENTRIES

EXISTING GRANITE STEPS TO BE REMOVED, TYP. ALL ENTRIES

REINSTALL SALVAGED GRANITE SILL

1ST FLOOR PLAN

NEW BRONZE AND GLASS TRANSOM TO MATCH EXISTING

OXIDIZED BRONZE DOOR FRAME

HIGH PERFORMANCE GLAZING WITH ETCHED BUILDING IDENTIFICATION SIGNAGE

BRONZE HARDWARE

ADA COMPLIANT IN-FLOOR AUTOMATIC DOOR OPERATOR, TYP. ALL NEW ENTRIES

Proposed CPW Main Entry

Morgan Library, Renzo Piano Architects, New York, NY
(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.
Connected Experience

MUSEUM

PARK & CITY
EXISTING EXTERIOR

EXISTING INTERIOR

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

EXISTING EXTERIOR

PROPOSED EXTERIOR

East Facade (CPW) Main Window
East Facade (CPW) Main Window
North & South Facade Arched Windows

EXISTING EXTERIOR

EXISTING INTERIOR
EXISTING EXTERIOR

PROPOSED EXTERIOR

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

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

NEW BRASS CHANNEL AROUND RESTORED STAINED GLASS BORDER

EXISTING BRONZE FRAMES & REMAINING STAINED GLASS TO BE DONATED TO THE NATIONAL BUILDING ARTS CENTER
(2) North & (3) South Facade Arched 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

Stair Hall Windows
Stair Windows

EXISTING

PROPOSED
Concept - Lifted Center
Cross Section Overlay
Setback Dimensions from Street Wall

EXISTING

BULKHEAD BEYOND

STAIR BULKHEAD BEYOND

WORKSHOP WALL

RAILING

GLAZING

STREET WALL

42' - 3 3/4"

24' - 2 3/4"

34' - 1 1/2"

26' - 0"

25' - 7"

15' - 6 1/2"

3' - 10 3/4"

5' - 2 3/4"
Workshop / Performance, Attic Walk & Terrace

Guardrail Type 2: New low-iron glass guardrail set behind existing granite balustrade

Guardrail Type 1: Oxidized bronze plate posts & top rail with vertical pickets

Clerestory Window: Thermally broken oxidized bronze framing system with high-performance, bird-safe glazing.

Terracotta tile screen over skylight

New Ludowici Greek clay barrel roof tile to match original roof tiles.

Restored copper cornice.

Terrace: concrete pavers on pedestals

Precedent: Historic skylights in roof tile at stair pavilions
Workshop / Performance & Attic Walk
South Terrace

Central Park, source: NYPL Collections

Central Park, source: NYPL Collections
East Terrace

Children’s Museum of Manhattan, Dynamic H20
7th Floor / Terrace Plan

Historic Profile

Views to Central Park
Views to Harlem
Views to Central Park & Midtown

Community Terrace Lobby
Chiller
STAIR
Vertible

18'-6"
17'-4 1/2"
112'-8 1/2"
61'-8 1/2"
15'-1 1/4"
Roof Plan

Children's Museum of Manhattan

27 Feb. 2020 | LPC Application
Integrating Necessary Infrastructure

VERTICAL CIRCULATION: EGRESS STAIRS

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

STROLLER STORAGE

ELEVATORS & MACHINE ROOMS

ALL-GENDER ADA BATHROOMS
Integrating Necessary Infrastructure

TOTAL INFRASTRUCTURE

<table>
<thead>
<tr>
<th>Category</th>
<th>SF</th>
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<tr>
<td>VERTICAL CIRCULATION</td>
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<tr>
<td>ELEVATORS &amp; MACHINE ROOMS</td>
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<td>EQUIPMENT</td>
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<td>BATHROOMS</td>
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<td><strong>TOTAL SF</strong></td>
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MEP EQUIPMENT LOCATIONS

SUBCELLAR
1. MODULAR THERMAL ENERGY STORAGE TANKS (ICE STORAGE)
2. FIRE PUMP, ELEC DISTRIBUTION, EMERGENCY ELEC
3. BOILER & CHILLER PUMP ROOM
4. WATER SERVICE
5. MAIN ELEC ROOM, GAS METER, SUMP PUMP

3RD FL MEZZANINE
6. EMERGENCY GENERATOR

6TH FLOOR
7. AIR HANDLING UNIT - PERFORMANCE/WORKSHOP
8. ATRIUM SMOKE EXHAUST & POST FIRE SMOKE PURGE FANS (4)

TERRACE / ROOF
9A. MODULAR AIR COOLED CHILLERS (8)
9B. ICE STORAGE REDUCES NUMBER OF CHILLER MODULES (-4)

MECHANICAL WELL
10. DIRECT OUTSIDE AIR SYSTEM UNITS (2)

Integrating Necessary Infrastructure
Street Level Views
View 1 - CPW South of 96th Street
View 2 - CPW South of 96th Street
View 2 - CPW South of 96th Street

MOCK-UP

PROPOSED

Site Plan
View 3 - Southeast Corner of CPW & 96th Street
View 3 - Southeast Corner of CPW & 96th Street
MOCK-UP

PROPOSED

View 4 - From Central Park
EXISTING

PROPOSED

View 5 - CPW North of 96th Street
View 5 - CPW North of 96th Street
EXISTING

PROPOSED

View 6 - 96th Street
View 6 - 96th Street
HISTORIC

PROPOSED

South Elevation
HISTORIC

PROPOSED

East Elevation
West Elevation
North Elevation
South Elevation

1. Bulkhead: Terracotta rain screen cladding
2. Clerestory Window Framing: Thermally broken oxidized bronze framing system
3. Clerestory Window: High performance, bird safe glazing with custom ceramic frit
4. Terracotta rain screen cladding with custom glaze finish
5. Guardrail Type 1: Oxidized bronze plate posts & top rail with vertical pickets
6. Guardrail Type 2: New low-iron glass set behind existing granite balustrade
7. Mechanical equipment beyond: Designated Outside Air units
8. Lobby Door: Oxidized bronze frame with bird safe glazing
6 3/4" TERRACOTTA PANEL

6 3/4" GREEK TILE

EXISTING BUILDING REFERENCE
MATERIAL PALETTE

- 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
Children’s Museum of Manhattan
Landmarks Preservation Commission Application
Children’s Museum of Manhattan
Appendix

75 Project Team
76 Service Entry
77-78 Areaway
79-86 Lighting
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

Galia Solomonoff (Museum Installation Advisor)

DeSimone (Structural)

Kohler Ronan (MEP & IT)

Li/Saltzman (Preservation & Landmarks)

Langan (Civil & Geotech)

Tillotson (Lighting)

Cerami (Acoustics & AV)

VDA (Elevator)

Romano Gatland (Food Service)

Steven Winter Assoc. (LEED & Accessibility)

CCI (Code)

Horus Bronze (Special Windows)

Femenella & Assoc. (Stained Glass)
Service Entry

EXISTING

EXISTING SKYLIGHT TO BE REMOVED
EXISTING PAINTED METAL PANEL
EXISTING PAINTED METAL GARAGE DOOR
OXIDIZED BRONZE DOOR FRAME
PAINTED METAL PANEL
PAINTED HOLLOW METAL DOOR

PROPOSED

6' - 1/2" 8' - 1 1/4"
9' - 2 1/4"
10' - 3"
2' - 1"

8' - 1 1/4"
6' - 1/2"
EXISTING METAL GATE TO BE REMOVED

NEW METAL GRATING
NEW BALUSTRADE INFILL TO MATCH EXISTING

Areaway
EXISTING CONCRETE STAIRS TO BE REMOVED

EXISTING METAL GATE TO BE REMOVED

EXISTING WINDOWS & SECURITY BARS TO BE REMOVED

EXISTING METAL DOORS TO BE REMOVED

NEW METAL DOORS WITH HIGH PERFORMANCE GLAZING

NEW HIGH PERFORMANCE METAL WINDOWS AT EXISTING OPENINGS

NEW METAL GRATE

EXISTING STONE

NEW STONE TO MATCH
• 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.
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 historic stained glass border around windows

light from interior promoting new activity within

soft light at entries to welcome visitors

SOUTH ELEVATION

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 historic stained glass border around windows
light from interior promoting new activity within
EXISTING CONDITION

- remove existing fixtures
- remove existing j-box and conduit

PROPOSED CONDITION

- no fixtures to be installed in existing stone
- glow from interior architectural lighting
- small fixture to be integrated into new door frame

MICRO DOWNLIGHT

4" (10mm)
small adjustable fixtures to be mounted on vertical surface to floodlight garage area without creating scallops on the door

replace with new fixture

SMALL ADJUSTABLE FLOODLIGHT
All architectural lighting will be part of the building system which will be on a timeclock and turned off at 11PM. Lighting will only be on during operational hours with potential extended hours during the summer and fall for events.
Attic walk and Terrace
Lighting: All lighting to face inwards so no visible fixtures can be seen from the exterior.

SIGHT LINE 1
SIGHT LINE 2
**Diagram Description:**

- **A** - Indirect Linear Light at Skylight
- **B** - LED Downlight Integrated into Beam
- **C** - Small LED Rail Light for Sufficient Lighting for Public Assembly (MIN SFC)
- **D** - Micro Downlight for Sufficient Lighting for Public Assembly (MIN SFC)
- **E** - Luminous Fixtures for Creating General Glow from Within

**Details:**
- **A** - (1.34” Diameter)
- **B** - (1.5” Diameter)
- **D** - (0.4” Diameter)
LPC-1674 Upper West Side / Central Park West Historic District

NY State & National Register of Historic Places Boundaries

Historic District Maps
NOTE: Photo taken closer to curb due to sidewalk shed.
NOTE: Photo taken closer to curb due to sidewalk shed.
Mockup View 2 - Southeast Corner of CPW & 96th
Mockup Axon - Southwest

GLAZING

SCREEN: Perforated metal screen

GUARDRAIL

SOLID: Terracotta with custom glaze

SOLID: Terracotta
Mockup Axon - Northwest

SOLID : Terracotta with custom glaze
SOLID : Terracotta
GLAZING
SCREEN : Perforated metal screen
GUARDRAIL
Mockup Axon - Southwest

- SOLID: Terracotta with custom glaze
- SOLID: Terracotta
- GLAZING
- SCREEN: Perforated metal screen
- GUARDRAIL
PREVIOUSLY PROPOSED (12/06/2019)  

PROPOSED (02/25/2020)  

View 1 - CPW South of 96th Street
Site Plan

PREVIOUSLY PROPOSED (12/06/2019)

PROPOSED (02/25/2020)

View 2 - CPW South of 96th Street
PREVIOUSLY PROPOSED (12/06/2019)

PROPOSED (02/25/2020)

View 3 - Southeast Corner of CPW & 96th Street
View 4 - From Central Park
PREVIOUSLY PROPOSED (12/06/2019)

PROPOSED (02/25/2020)

View 5 - CPW North of 96th Street
PREVIOUSLY PROPOSED (12/06/2019)

PROPOSED (02/25/2020)

View 6 - 96th Street
PREVIOUSLY PROPOSED (12/06/2019)

PROPOSED (02/25/2020)

South 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
Section through Core

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
Sub Cellar Plan
NATIONAL BUILDING ARTS CENTER (NBAC)
Preserving The Future, Promoting Our Past

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/