Landmarks Preservation Commission

**June 9, 2026**
Public Meeting

**The current proposal is:**

**Preservation Department – Item 3, LPC-26-06324**

# 3 Riverside Drive – The Kleeberg Residence – Individual Landmark

# Borough of Manhattan

**Note: this is a Public Meeting item. No public testimony will be received today as the hearing on this item is closed.**

# 3 RIVERSIDE DRIVE
# NEW YORK, NY 10023

## PUBLIC HEARING ITEMS

1. ROOFTOP BULKHEAD ADDITION AND PERGOLA
2. FRONT YARD AREAWAY ADDITION

**O'NEIL LANGAN** ARCHITECTS


ARCHITECT

**O'NEIL LANGAN**
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3 RIVERSIDE DRIVE
NEW YORK, NY 10023

STAMP

REGISTERED ARCHITECT
MARY MARGARET LANGAN
025177
STATE OF NEW YORK



PROJECT NO.: 224112
DATE: 08/26/2024
DRAWN BY: TT
CHECKED BY: ML
AREA: 10,964.26 SQ FT

| # | ISSUE | DATE |
|---|---|---|
| | LPC COMMISSION HEARING | 06/03/2026 |

COVER SHEET

SHEET NO
T-000.01
SHEET 1 OF 27

The Kleeberg Residence, Historic View, c.1899.
Source: Zeisloft, The New Metropolis.

3 EXISTING PHOTO C.1899
SCALE: N.T.S.


2 HISTORIC TAX PHOTO - C.1939-41
SCALE: N.T.S.

The Kleeberg Residence, 3 Riverside Drive. C.P.H. Gilbert, 1896-98.
Photo Credit: Carl Forster.

1 PHOTO OF BUILDING AT DESIGNATION - 1991
SCALE: N.T.S.

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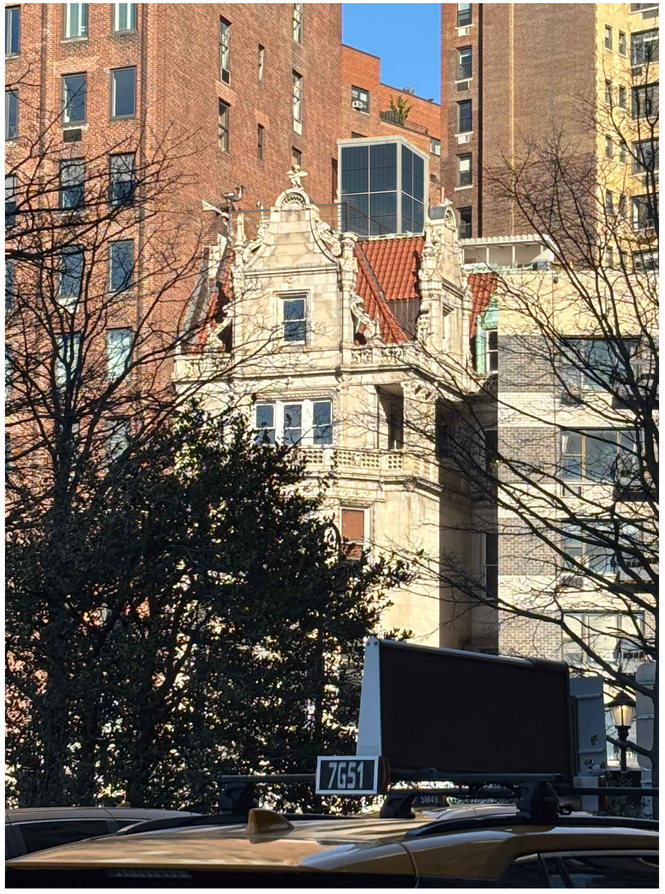
HISTORIC CONDITIONS
STREET ELEVATIONS

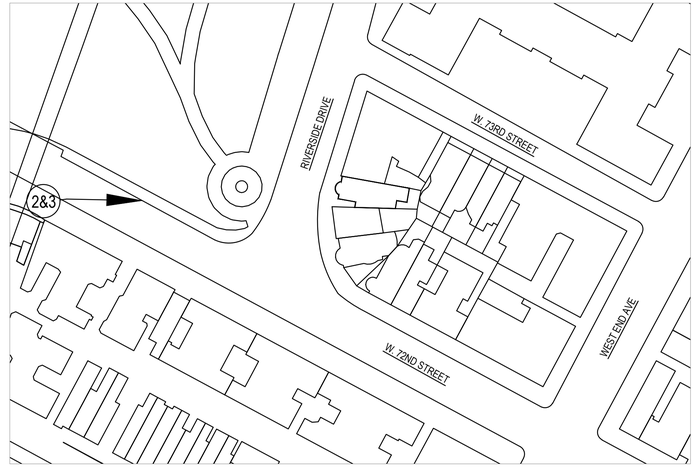
SHEET NO
G-102.00
SHEET 2 OF 27




**4** ORIGINALLY PROPOSED RENDERING FROM W. 72ND ST.
SCALE: N.T.S.


**3** VIEW OF REVISED MOCKUP FROM 72ND ST.
SCALE: N.T.S.


**2** REVISED RENDERING FROM W. 72ND ST.
SCALE: N.T.S.




**1** SITE PLAN WITH PHOTO LOCATION
SCALE: N.T.S.

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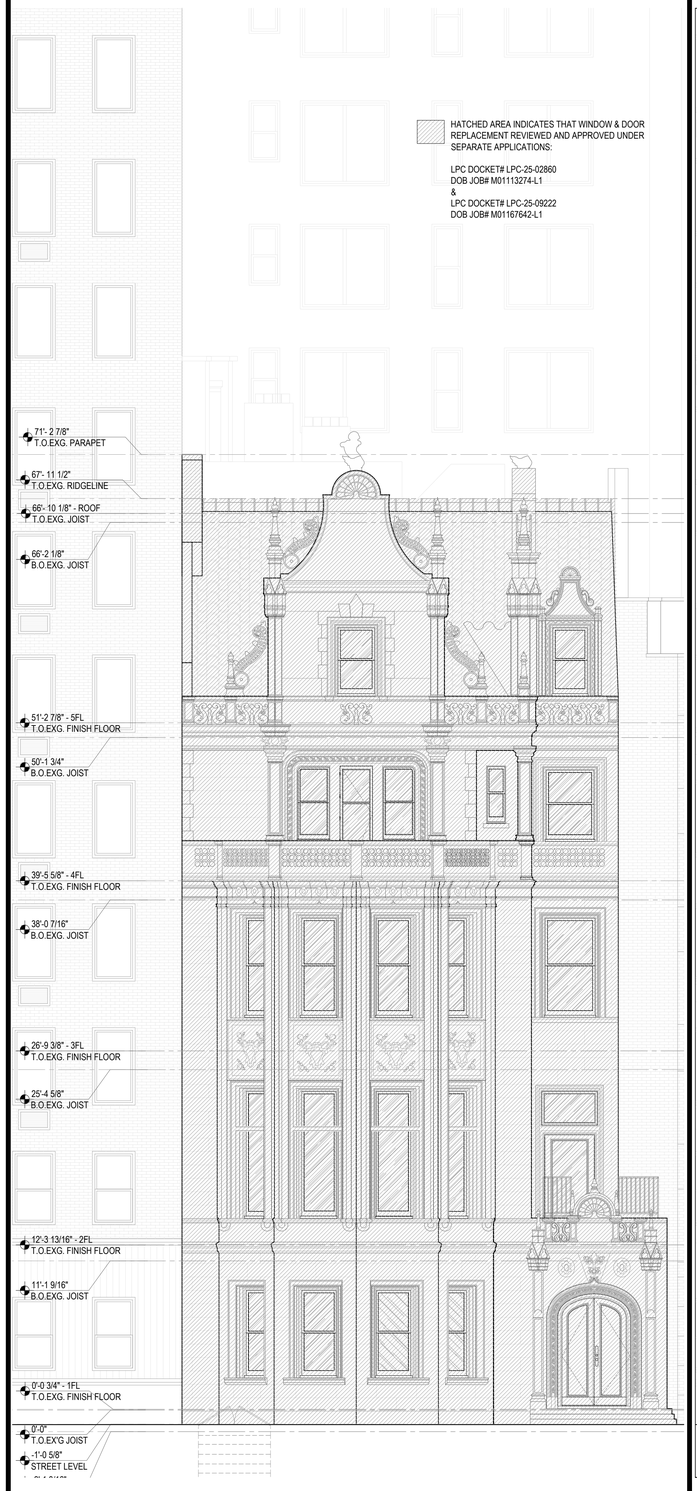
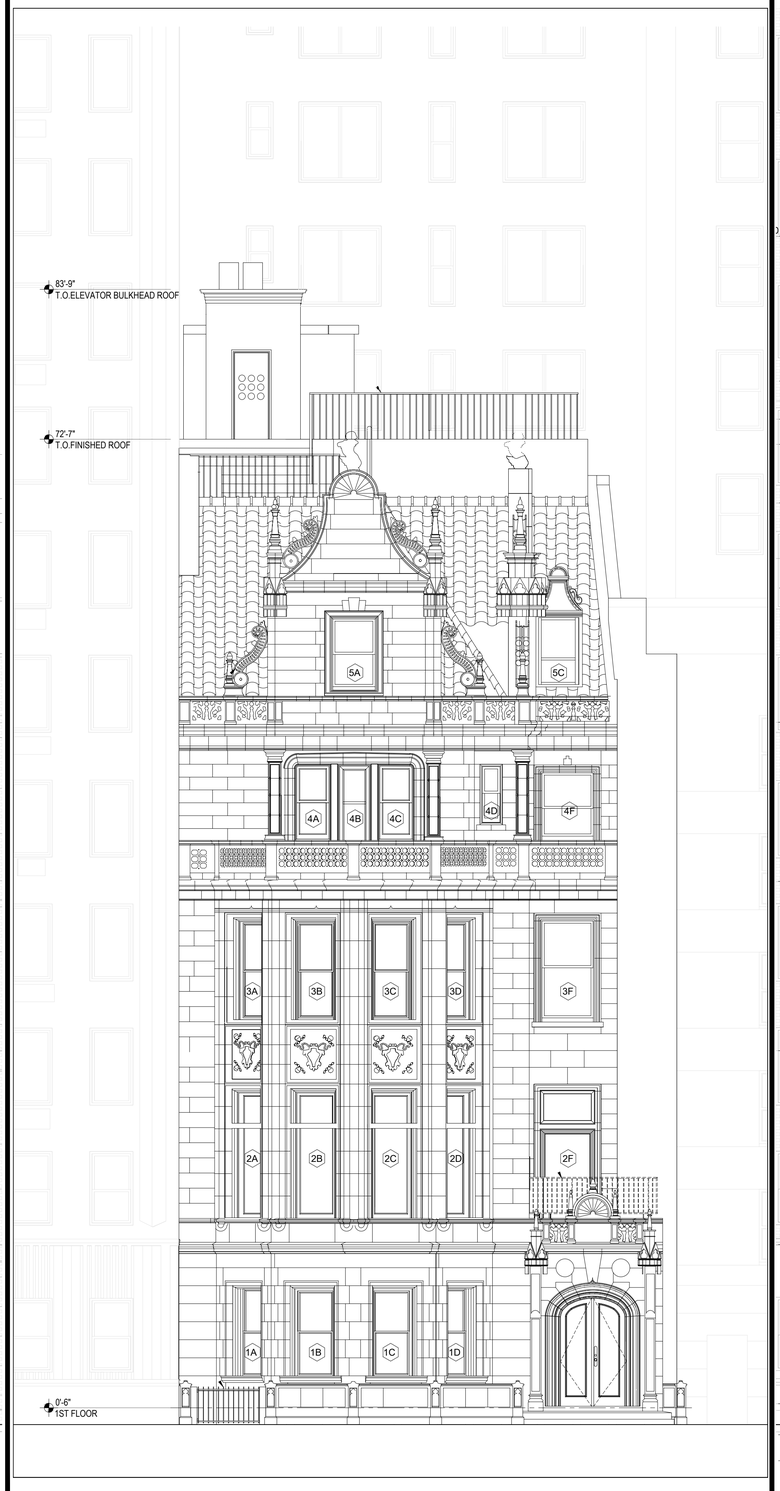
EXISTING VS. PROPOSED RENDER FROM W.72ND STREET

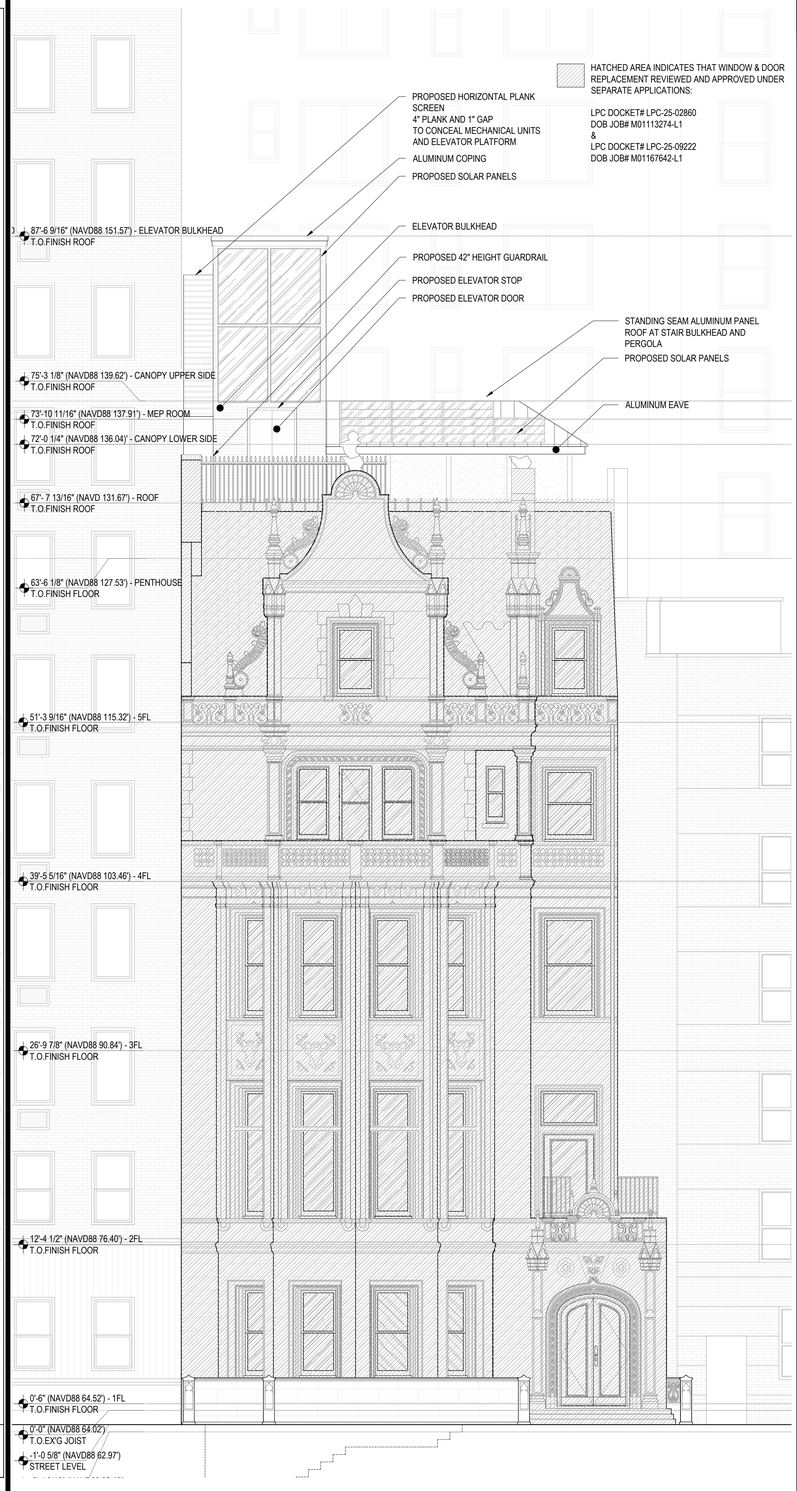
SHEET NO
A-200.00
SHEET 3 OF 27




**3** EXISTING FRONT ELEVATION
SCALE: 3/16" = 1'-0"




**2** PREVIOUS APPROVED FRONT ELEVATION
SCALE: 3/16" = 1'-0"




**1** PROPOSED FRONT ELEVATION
SCALE: 3/16" = 1'-0"

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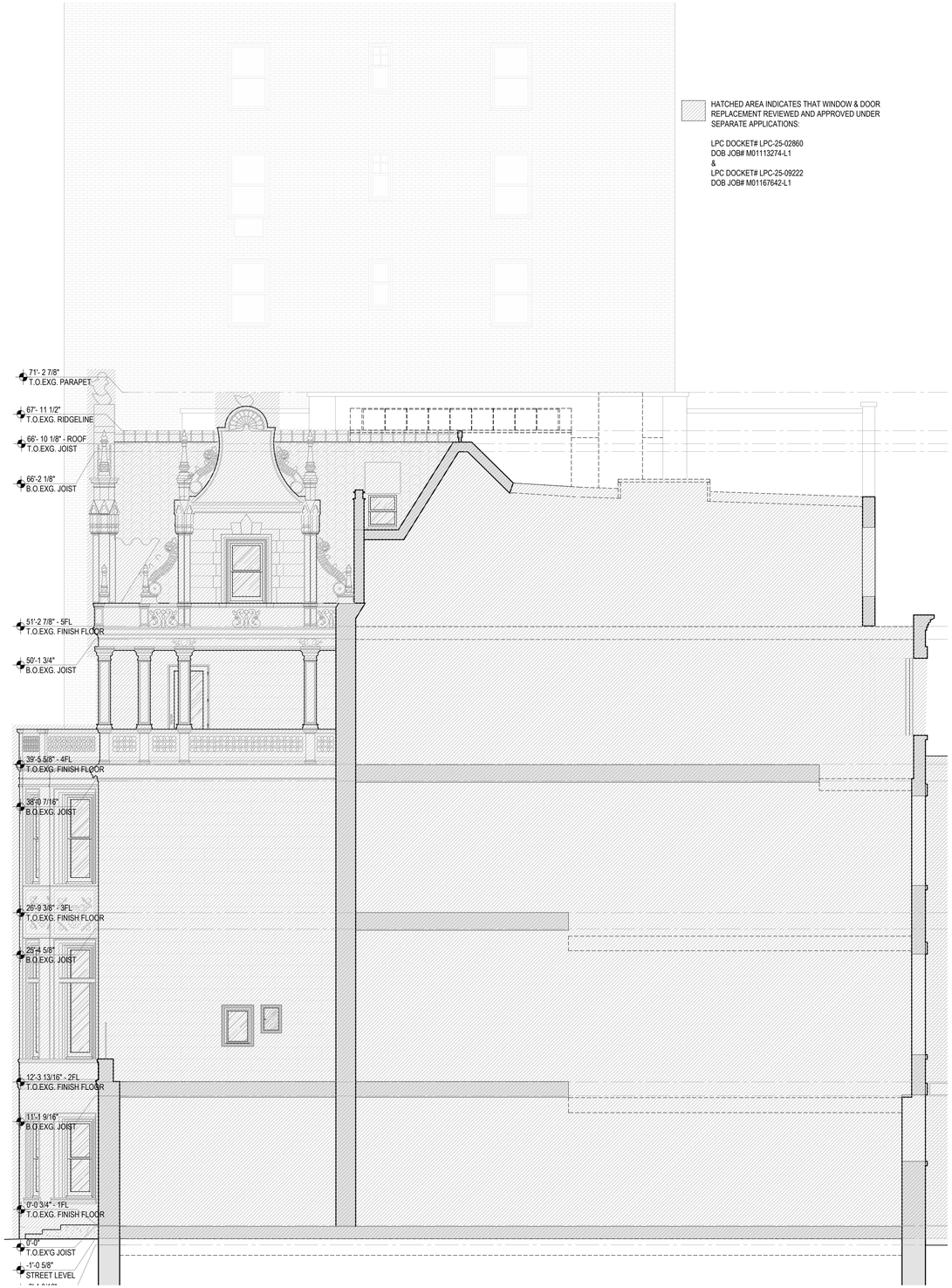
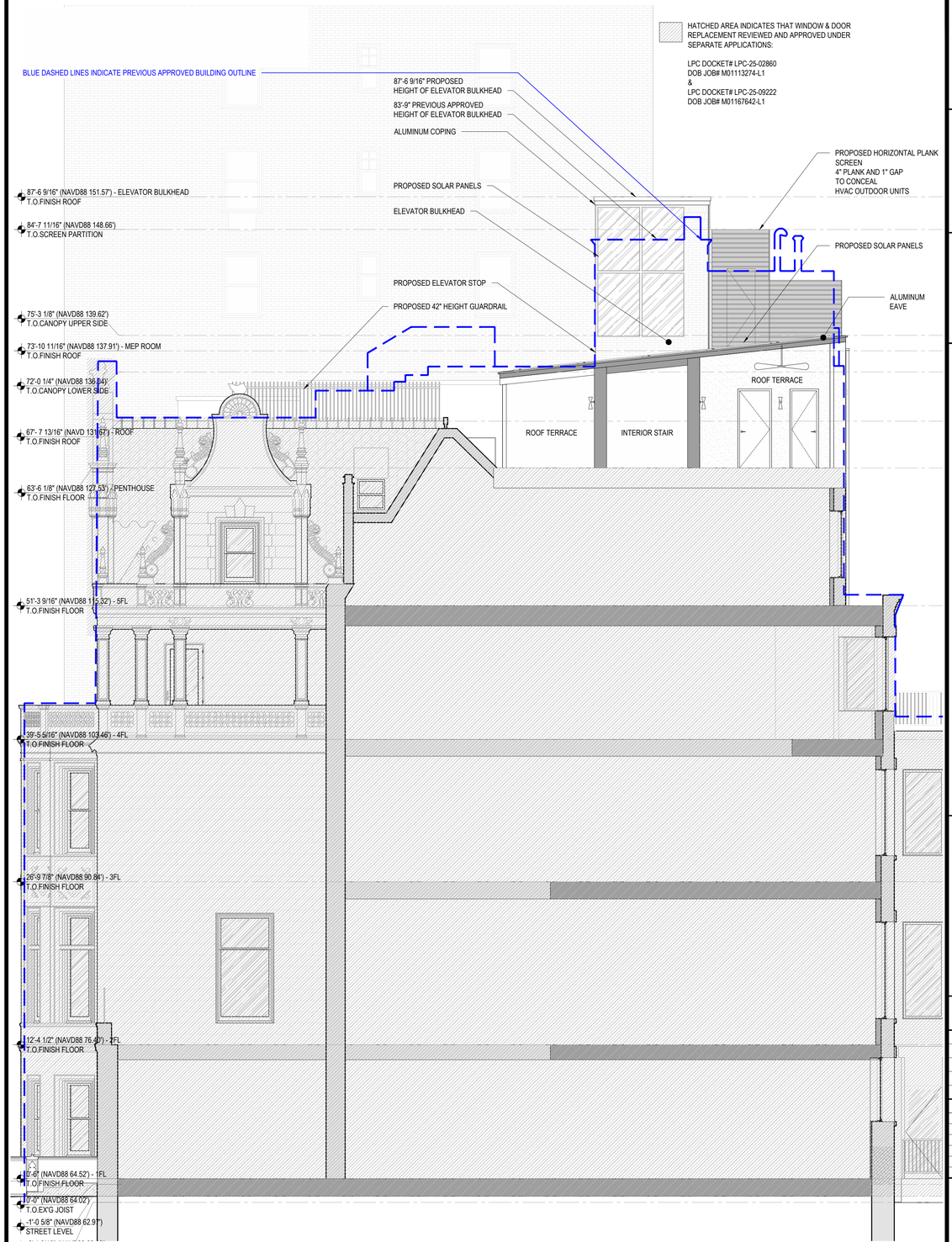
FRONT ELEVATION COMPARISONS

SHEET NO
A-200.01
SHEET 4 OF 27




**2** EXISTING SIDE ELEVATION
SCALE: 3/16" = 1'-0"




**1** PROPOSED SIDE ELEVATION
SCALE: 3/16" = 1'-0"

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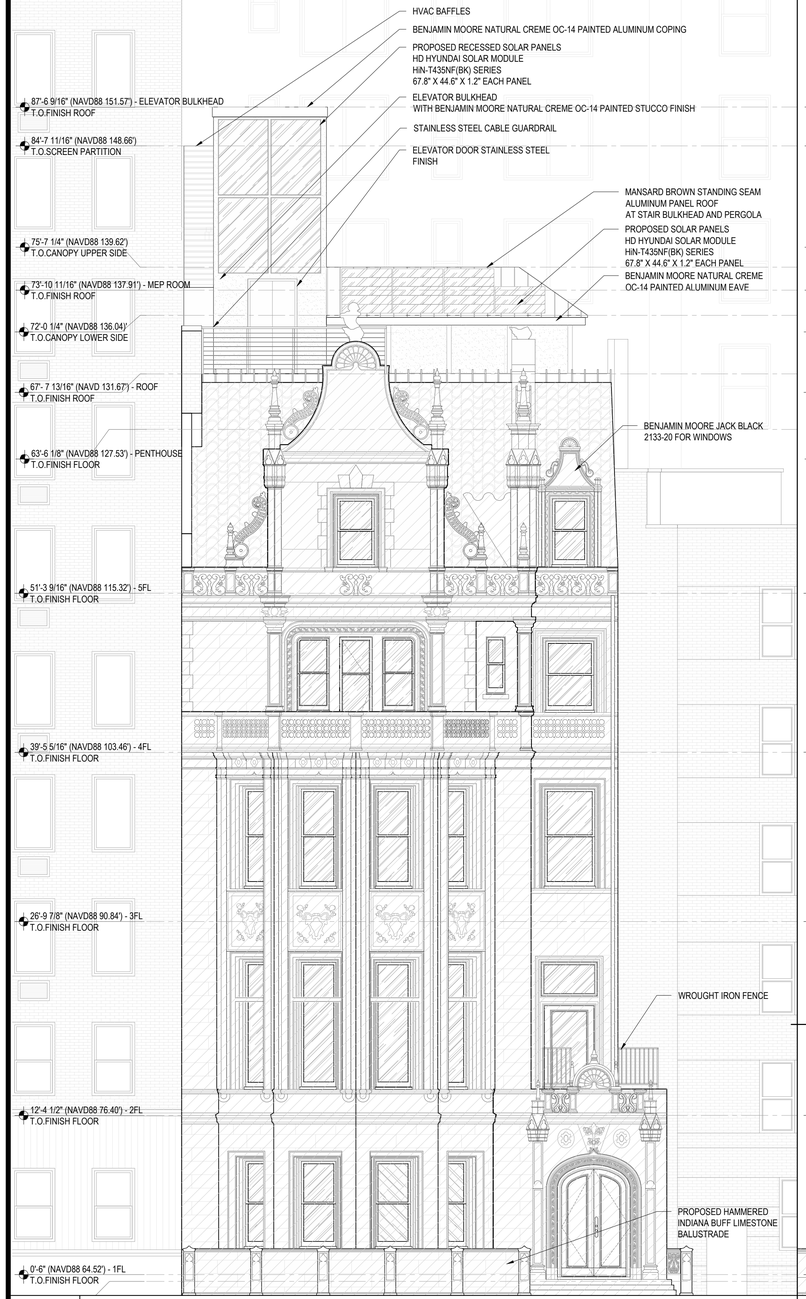
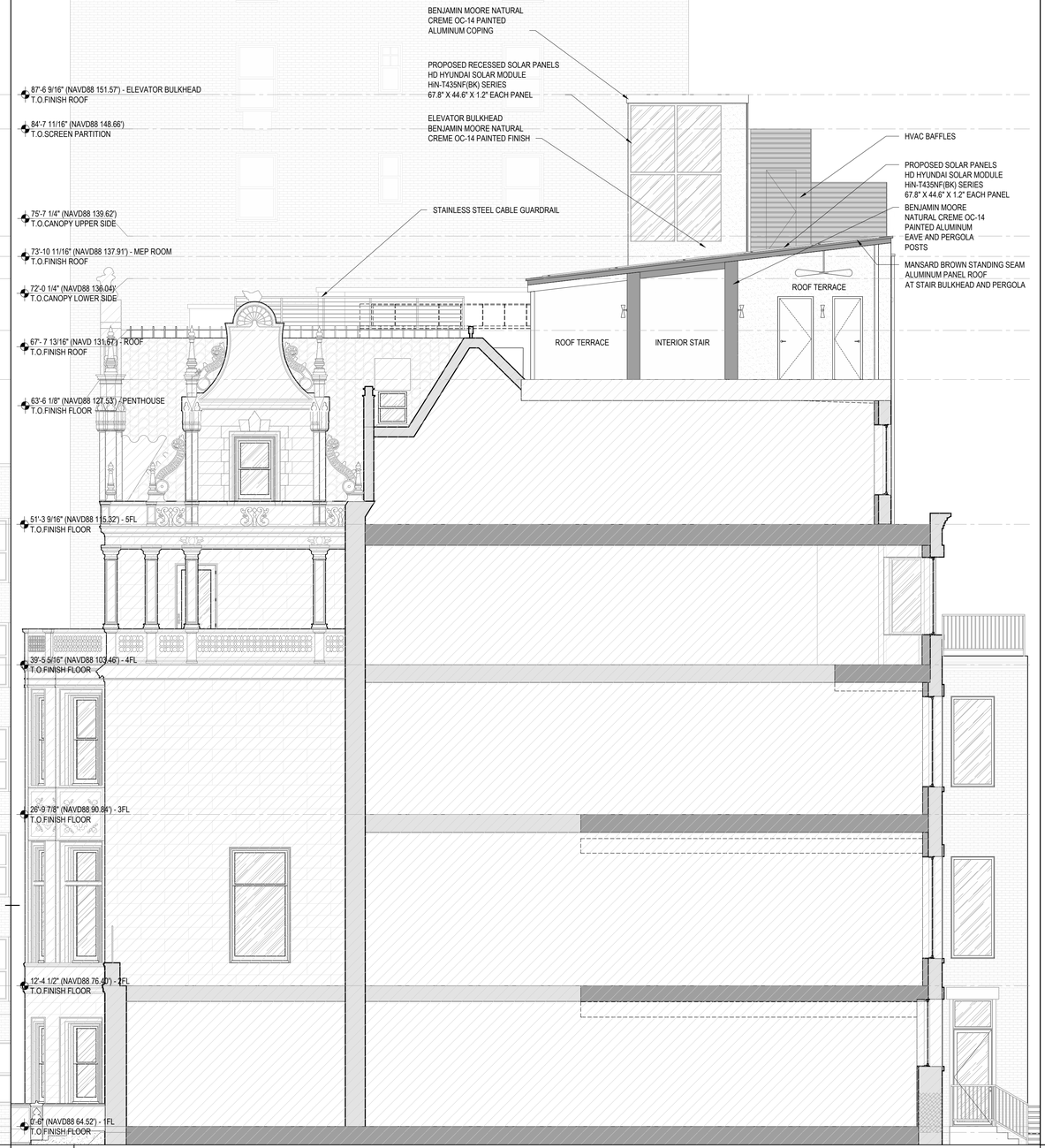
## SIDE ELEVATION COMPARISONS

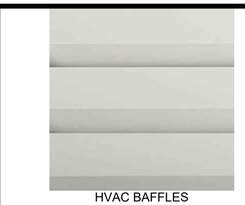
SHEET NO
**A-200.03**
SHEET 5 OF 27




**3** ORIGINALLY PROPOSED FRONT ELEVATION
SCALE: 3/16" = 1'-0"

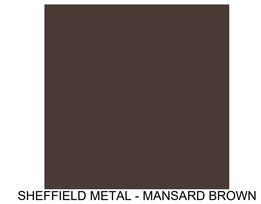



**2** ORIGINALLY PROPOSED SIDE ELEVATION
SCALE: 3/16" = 1'-0"

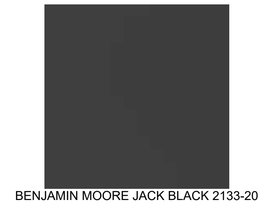


HVAC BAFFLES

STAINLESS STEEL



SHEFFIELD METAL - MANSARD BROWN

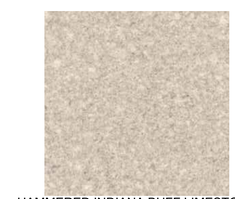


BENJAMIN MOORE JACK BLACK 2133-20



BENJAMIN MOORE NATURAL CREME 0C-14

WROUGHT IRON
(REFERENCE ONLY - FOR PAINTED METAL )



HAMMERED INDIANA BUFF LIMESTONE

**1** MATERIALS
SCALE: 3/8" = 1'-0"

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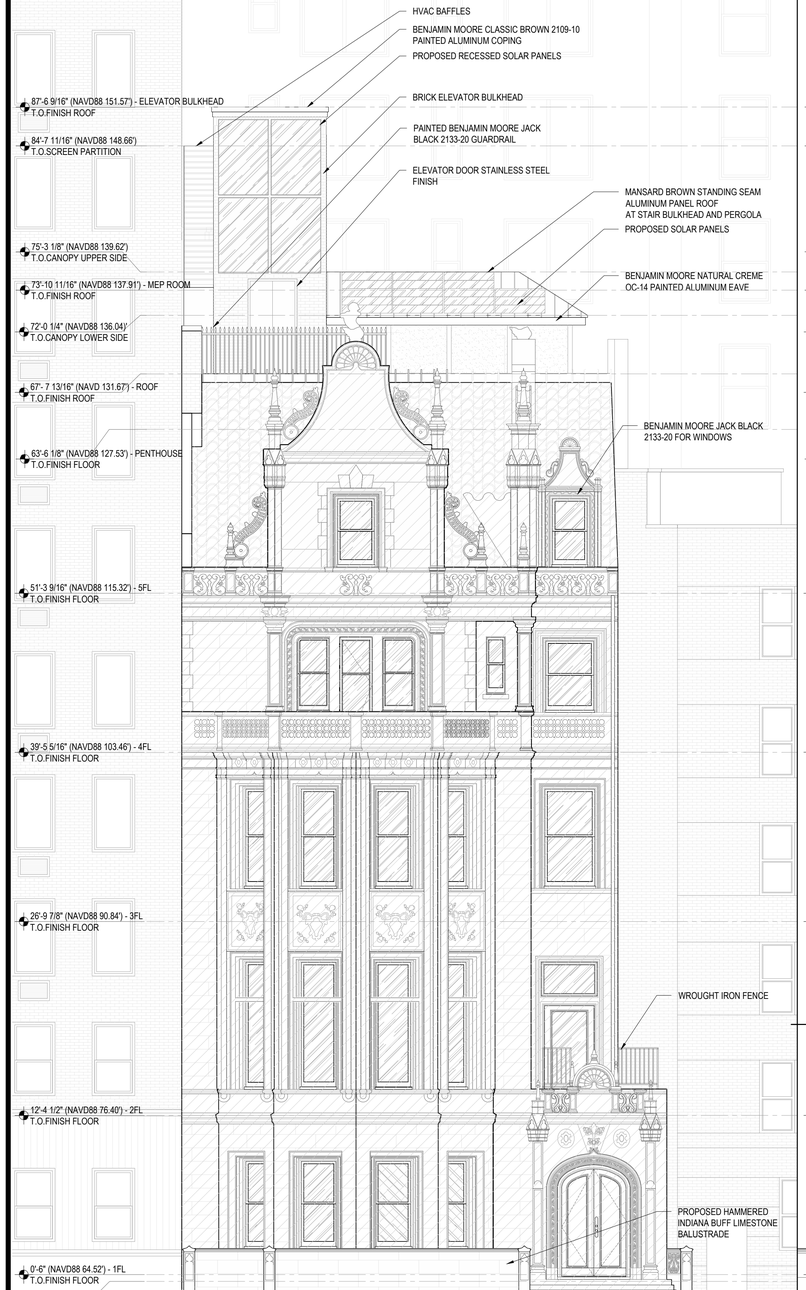
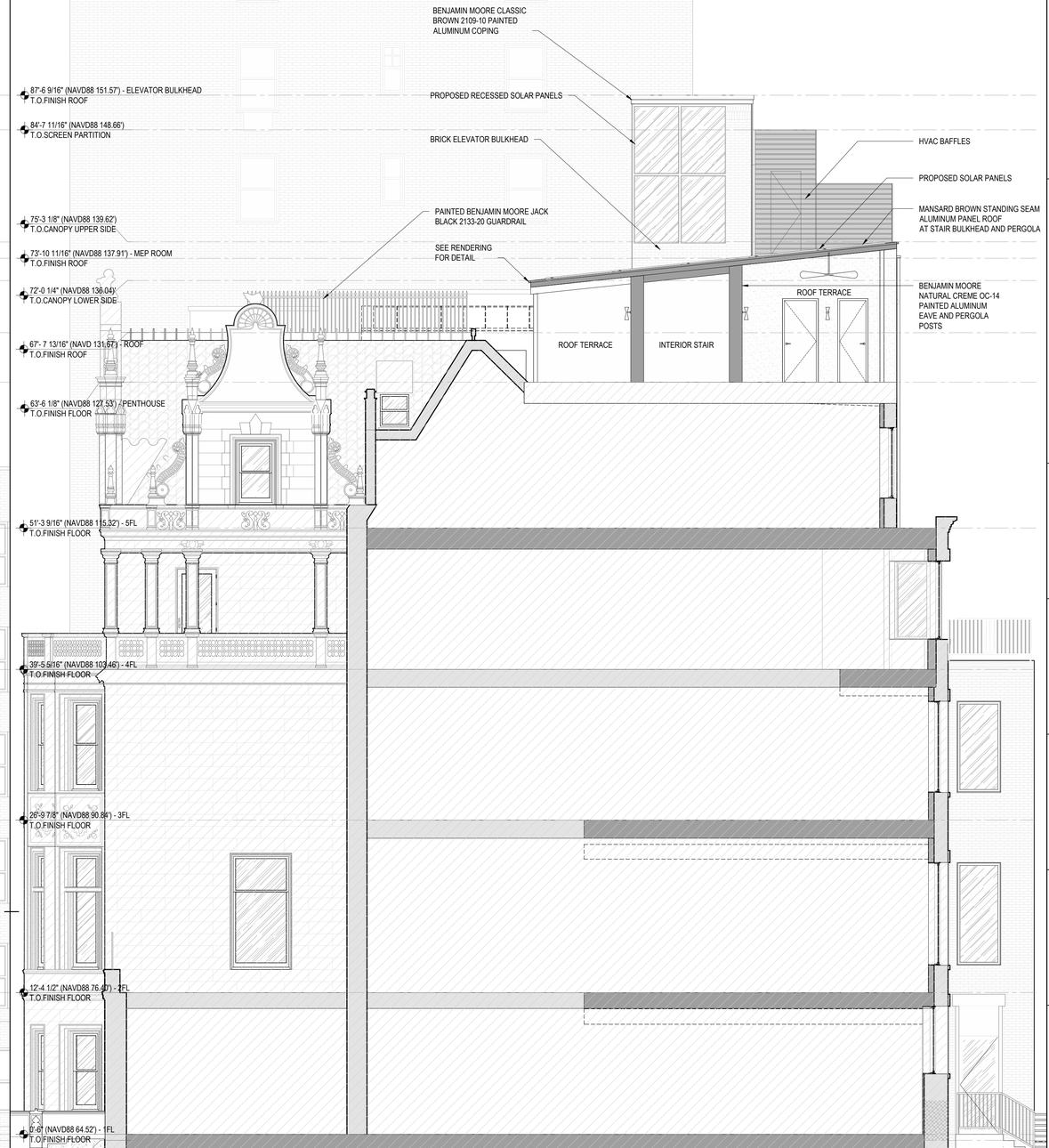
## MATERIALS (ORIGINAL PROPOSED)

SHEET NO
**A-203.00**
SHEET 6 OF 39

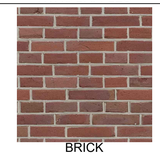


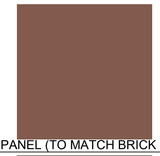

**3** REVISED FRONT ELEVATION
SCALE: 3/16" = 1'-0"




**2** REVISED SIDE ELEVATION
SCALE: 3/16" = 1'-0"

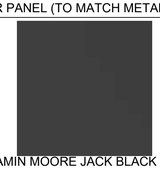

HVAC BAFFLES


BRICK

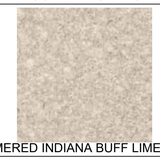

SOLAR PANEL (TO MATCH BRICK FACADE)


SHEFFIELD METAL - MANSARD BROWN


BENJAMIN MOORE CLASSIC BROWN 2109-10
SOLAR PANEL (TO MATCH METAL ROOF)


BENJAMIN MOORE JACK BLACK 2133-20


BENJAMIN MOORE NATURAL CREME 0C-14


HAMMERED INDIANA BUFF LIMESTONE


ROOFTOP RAILING


WROUGHT IRON
(REFERENCE ONLY - FOR PAINTED METAL )

**1** MATERIALS
SCALE: 3/8" = 1'-0"

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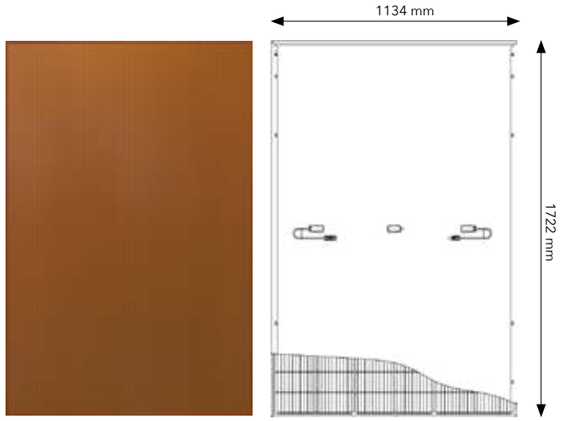
MATERIALS (REVISED)

SHEET NO
A-204.00
SHEET 7 OF 27

# Terracotta-coloured solar panels in thin frames. Neatly matches the tiled roofs of historic buildings – or new construction

The roof is a significant element in the appearance of a building. That is why Solarix has developed a terracotta solar panel that can be used on the roof as an alternative to the commonly used black solar panels. This solar roof panel fits in nicely with the orange roof tiles typical in the Netherlands, and also complements other common roof and facade materials such as brick.

With the terracotta solar roof panel, no building needs to compromise on aesthetics anymore. Therefore, as far as we are concerned, there is no longer any reason not to make buildings more sustainable. Every building, old or new, small or large, can be energy-neutral by 2030, and cities will soon become an oasis full of abundant energy.

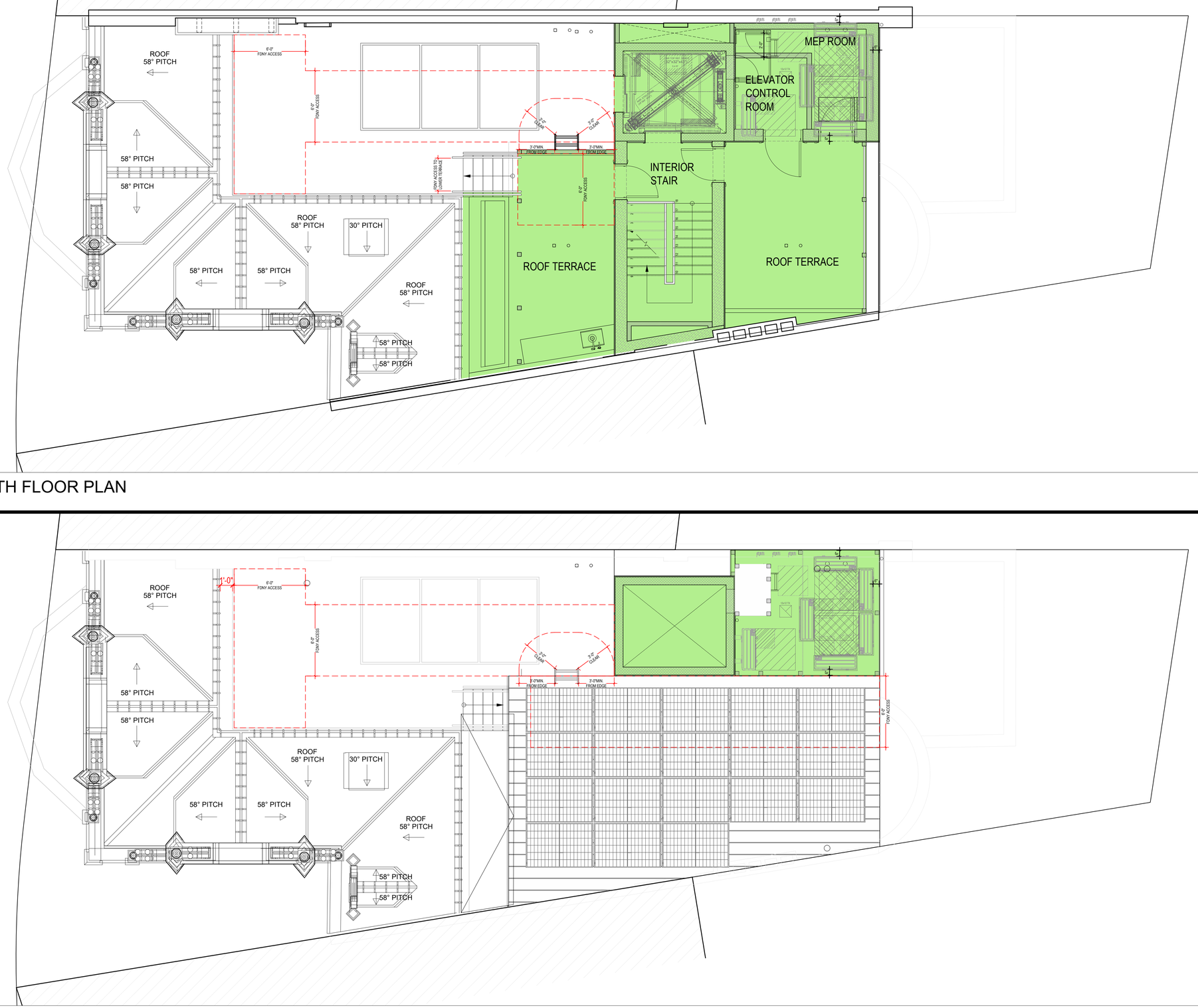



Maximum power per panel
**355 WP**

Dimensions
**1722 x 1134 x 30 mm**

Type
**Half-cell N-type Terra module**

Module technology
**Glass-backsheet, with coloured frame**




**2** PROPOSED 6TH FLOOR PLAN

SCALE: 1/8" = 1'-0"




**1** PROPOSED ROOF TERRACE PLAN

SCALE: 1/8" = 1'-0"

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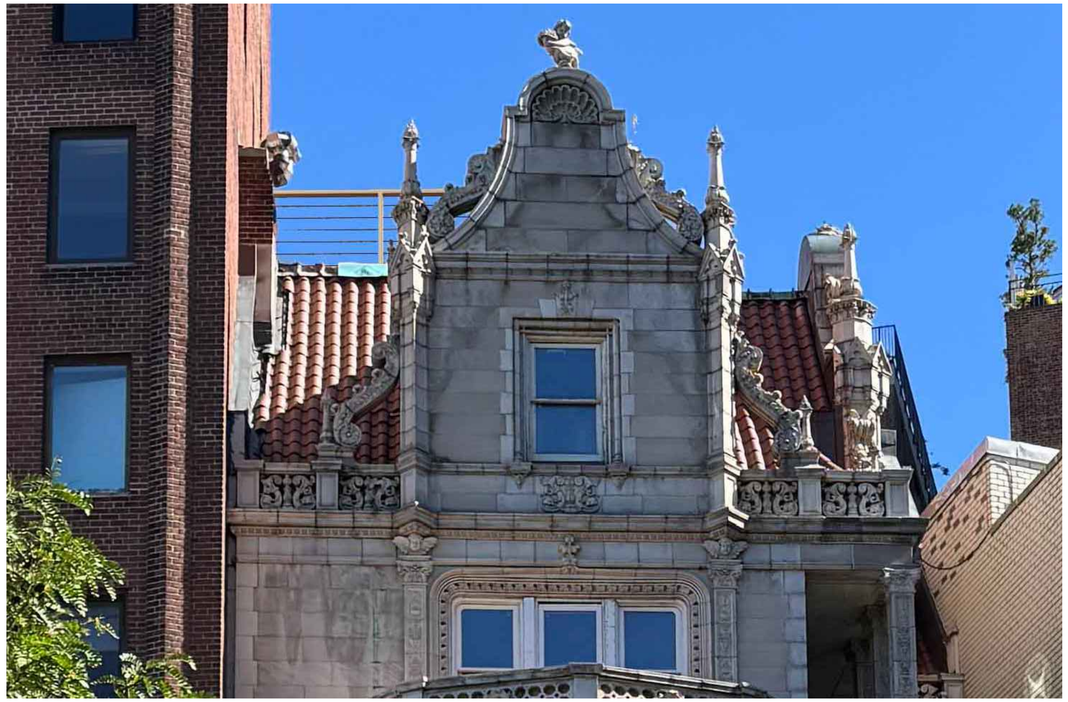
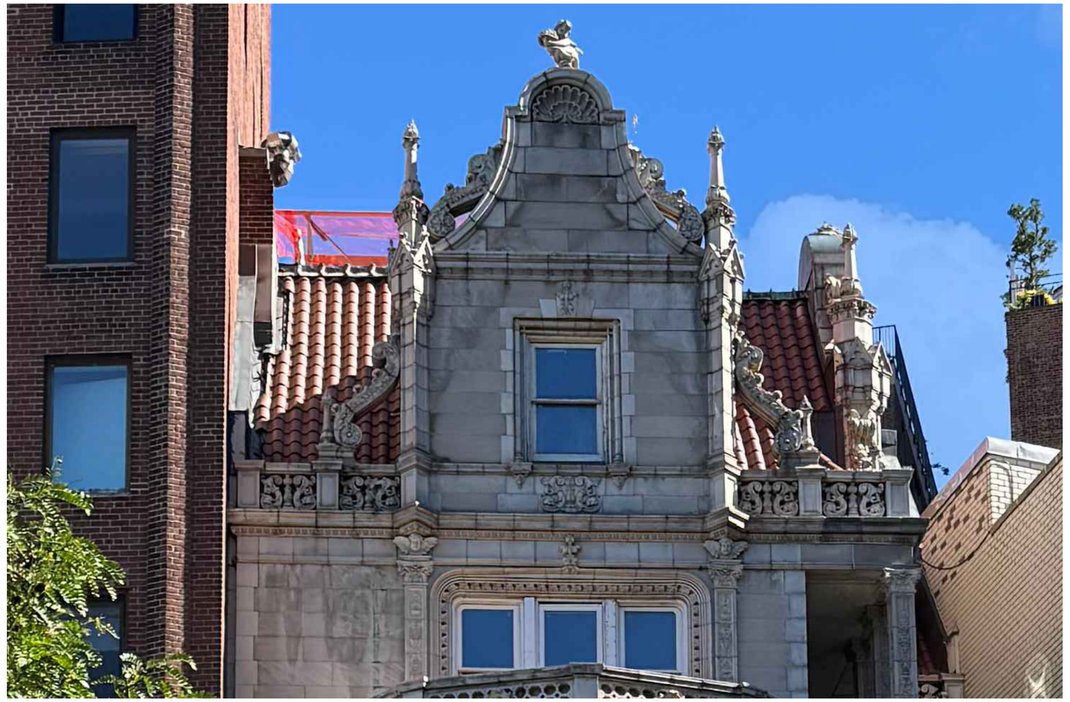
PROPOSED PLANS

SHEET NO

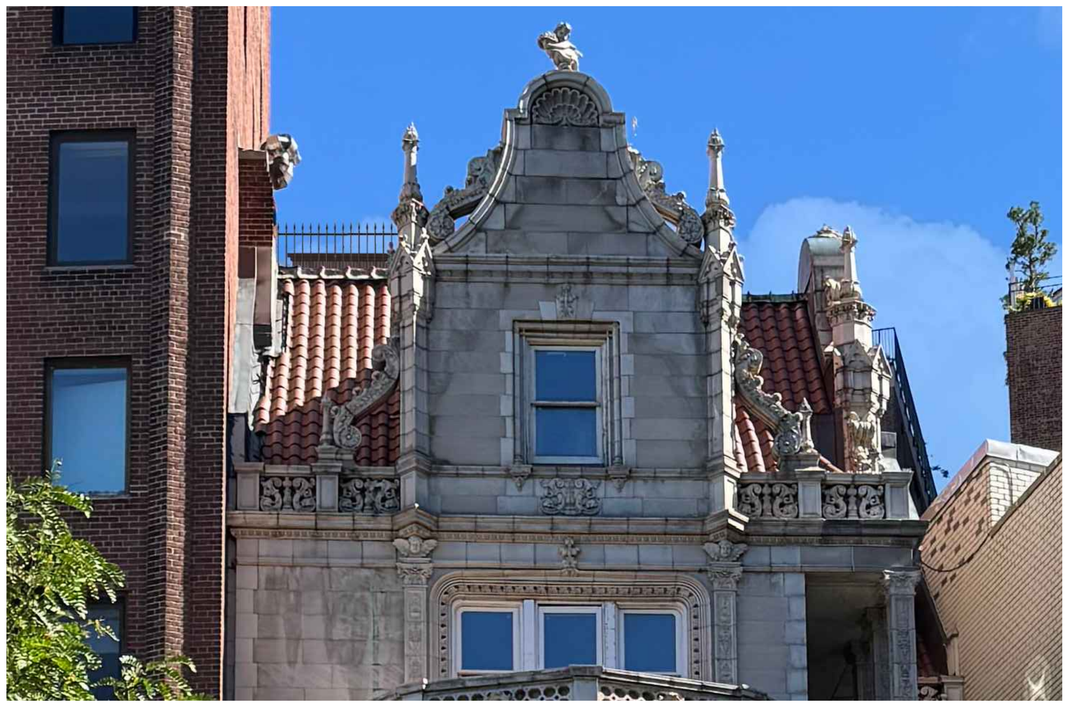
A-205.00



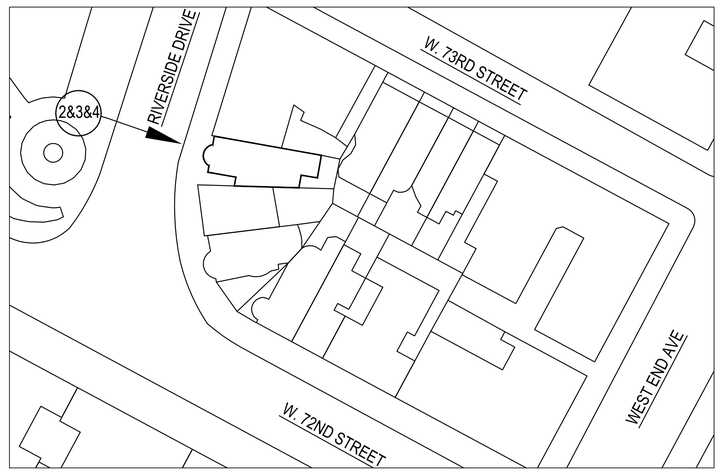
**4** VIEW OF ORIGINALLY PROPOSED RENDERING FROM RIVERSIDE PARK
SCALE: N.T.S.



**3** VIEW OF REVISED MOCK UP FROM RIVERSIDE PARK
SCALE: N.T.S.



**2** VIEW OF REVISED RENDERING FROM RIVERSIDE PARK
SCALE: N.T.S.




**1** SITE PLAN WITH PHOTO LOCATION
SCALE: N.T.S.

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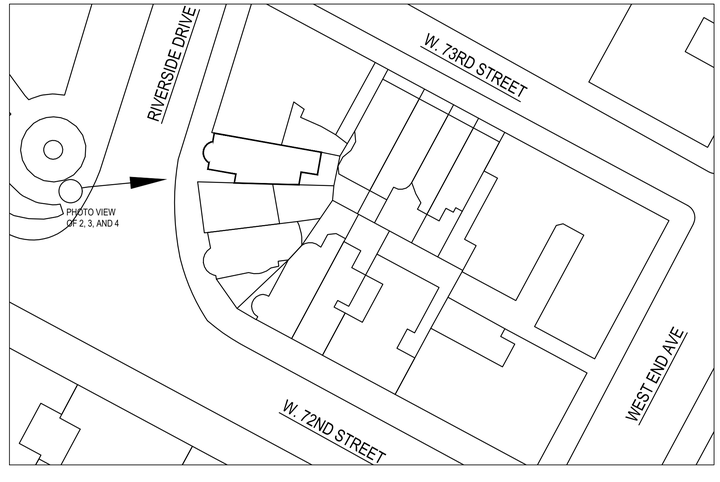
# PHOTOGRAPHS OF MOCK UP FROM VISIBLE LOCATIONS

SHEET NO
A-206.00
SHEET 9 OF 27

**4** ORIGINALLY PROPOSED RENDERED VIEW FROM RIVERSIDE DRIVE
SCALE: N.T.S.

**3** PHOTO OF REVISED MOCK UP FROM RIVERSIDE DRIVE
SCALE: N.T.S.

**2** REVISED RENDERED VIEW FROM RIVERSIDE DRIVE
SCALE: N.T.S.

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SCALE: N.T.S.

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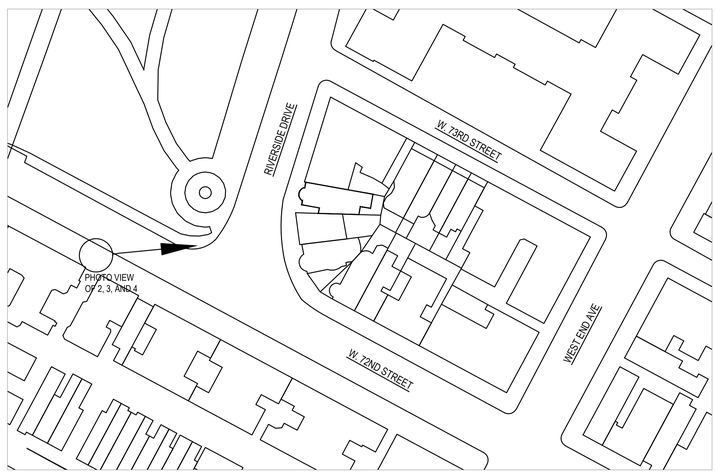
PHOTOGRAPHS OF MOCK UP FROM RIVERSIDE DR.

SHEET NO
A-207.00
SHEET 10 OF 27

**2** ORIGINALLY PROPOSED MATERIAL RENDERING FROM W. 72ND ST.
SCALE: N.T.S.

**3** VIEW OF MOCK UP FROM 72ND ST.
SCALE: N.T.S.

**2** REVISED MATERIAL RENDERING FROM W. 72ND ST.
SCALE: N.T.S.




**1** SITE PLAN WITH PHOTO LOCATION
SCALE: N.T.S.

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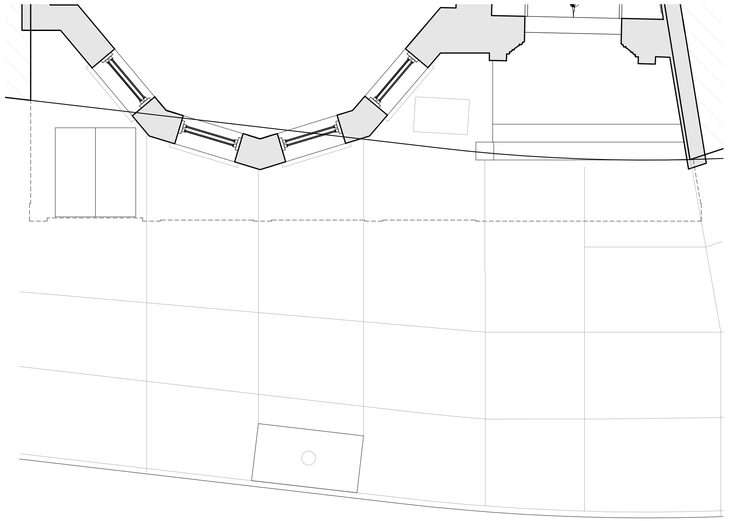
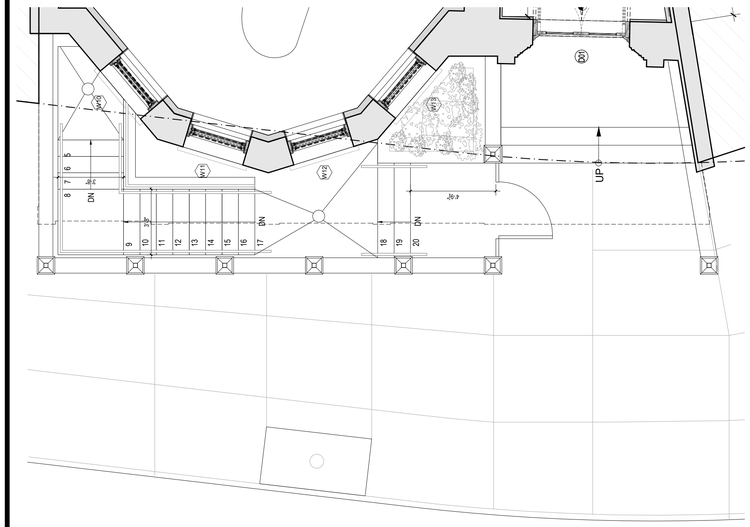
MOCK UP AND RENDER FROM W. 72ND STREET

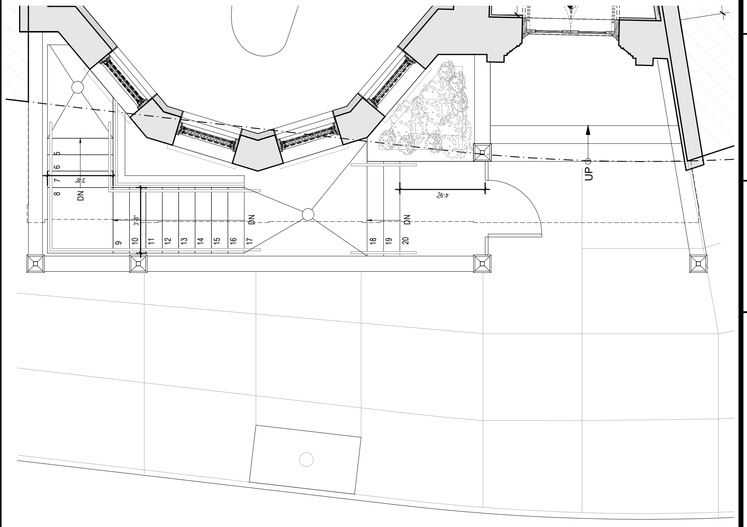
SHEET NO
A-208.00
SHEET 11 OF 27



**6** EXISTING AREAWAY PLAN
SCALE: 1/4" = 1'-0"

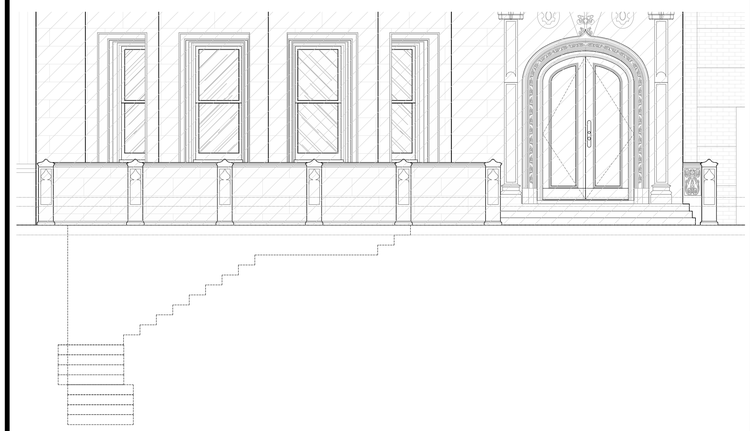



**5** ORIGINALLY PROPOSED AREAWAY PLAN
SCALE: 1/4" = 1'-0"

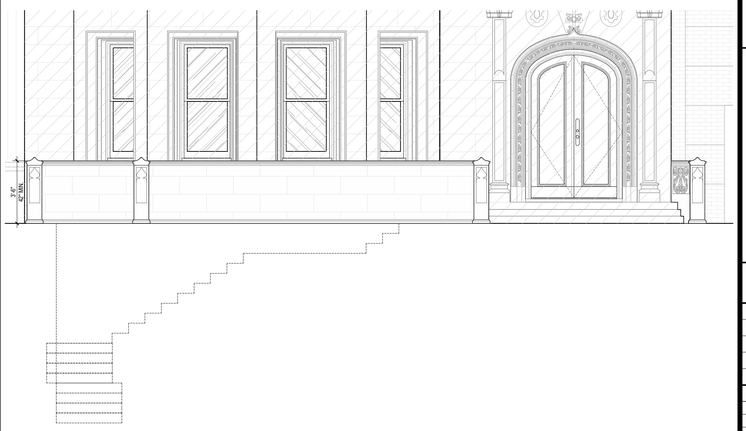



**4** REVISED PROPOSED AREAWAY PLAN
SCALE: 1/4" = 1'-0"

**3** EXISTING AREAWAY ELEVATION
SCALE: 1/4" = 1'-0"



**2** ORIGINALLY PROPOSED AREAWAY ELEVATION
SCALE: 1/4" = 1'-0"




**1** REVISED PROPOSED AREAWAY ELEVATION
SCALE: 1/4" = 1'-0"

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PROJECT NO.: 224112
DATE: 08/26/2024
DRAWN BY: TT
CHECKED BY: ML
AREA: 10,964.26 SQ FT

| # | ISSUE | DATE |
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| | LPC COMMISSION HEARING | 06/03/2026 |

# PROPOSED AND EXISTING AREAWAY PLANS & ELEVATIONS

SHEET NO
A-300.00
SHEET 12 OF 27


O'NEIL LANGAN ARCHITECTS

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RENDERED VIEW OF MOCK UP FROM RIVERSIDE DRIVE

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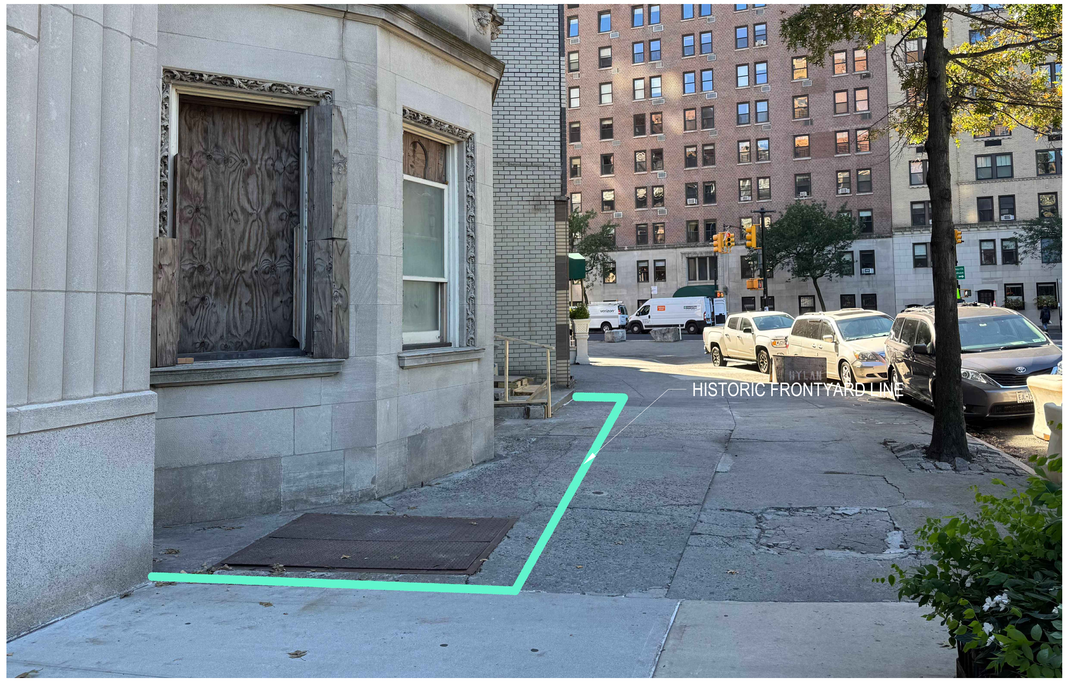
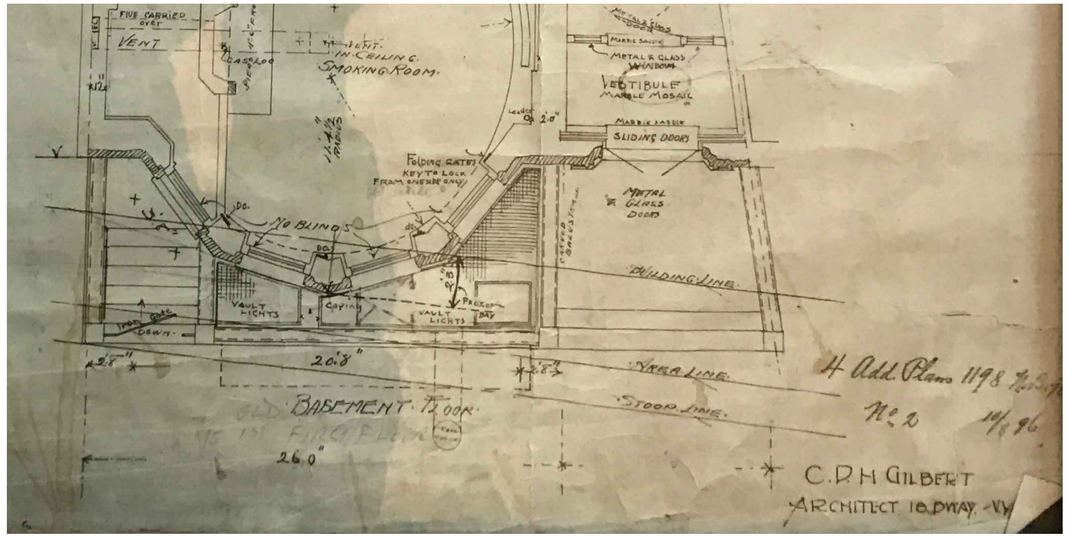



**4** LINE OF HISTORIC AREAWAY WALL
SCALE: N.T.S.


**2** LINE OF HISTORIC AREAWAY WALL
SCALE: N.T.S.




**3** HISTORIC PLAN WITH FRONT AREAWAY
SCALE: N.T.S.

The Kleeberg Residence, Historic View, c.1899.
Source: Zeisloft, The New Metropolis.

**1** HISTORIC PHOTO SHOWING AREAWAY
SCALE: N.T.S.

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FRONT AREAWAY

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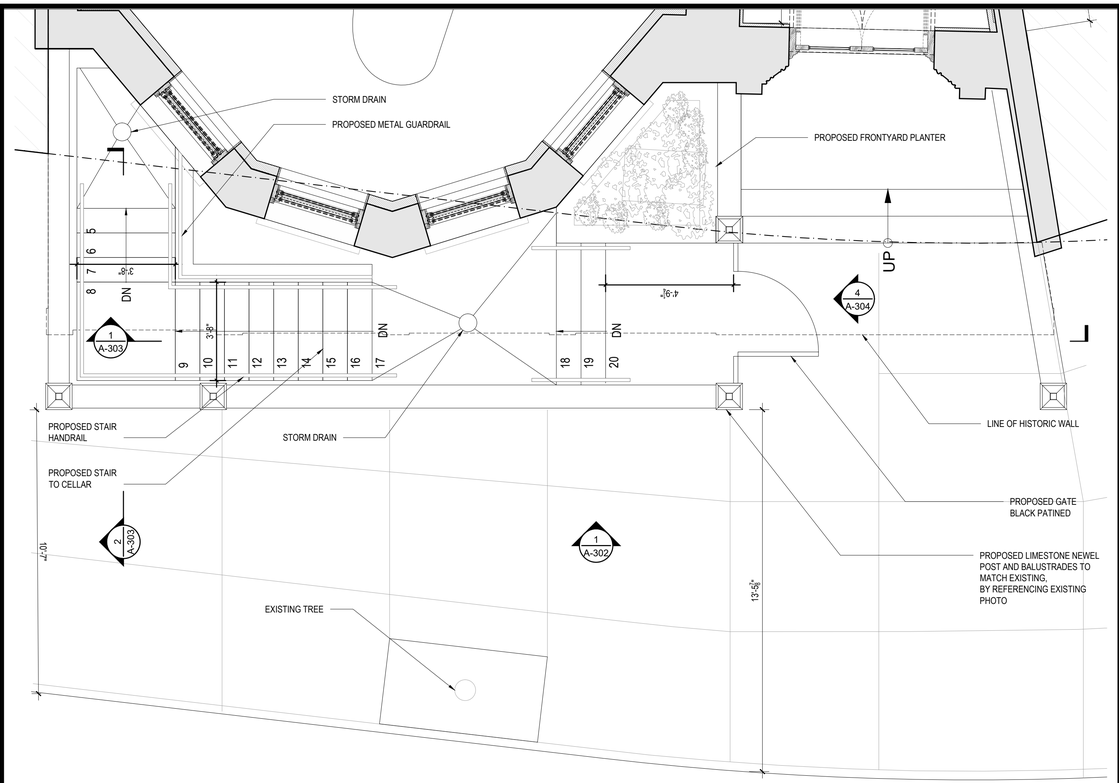
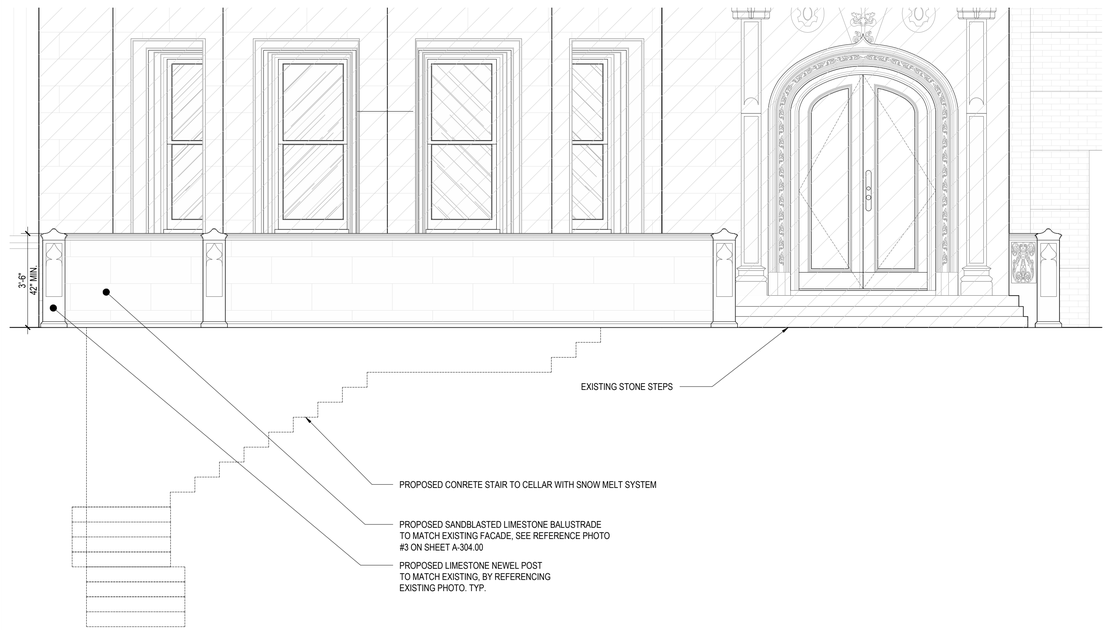
## 4 EXISTING AREAWAY PLAN
SCALE: 3/8" = 1'-0"




## 3 PROPOSED AREAWAY PLAN
SCALE: 3/8" = 1'-0"


## 2 EXISTING AREAWAY ELEVATION
SCALE: 3/8" = 1'-0"




## 1 PROPOSED AREAWAY ELEVATION
SCALE: 3/8" = 1'-0"

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PROPOSED AND EXISTING AREAWAY PLANS & ELEVATIONS

SHEET NO
A-302.00
SHEET 14 OF 27

Landmarks Preservation Commission

**June 9, 2026**
Public Meeting

**The current proposal is:**

**Preservation Department – Item 3, LPC-26-06324**

# 3 Riverside Drive – The Kleeberg Residence – Individual Landmark

# Borough of Manhattan

**Note: this is a Public Meeting item. No public testimony will be received today as the hearing on this item is closed.**

# APPENDIX



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APPENDIX

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A-500.00
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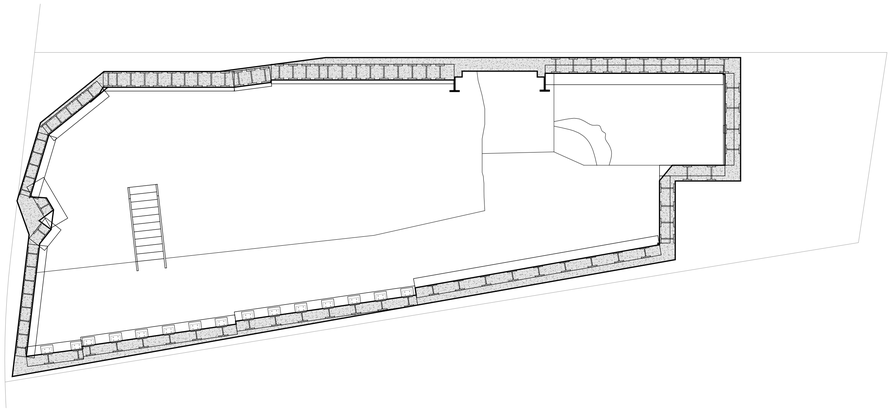
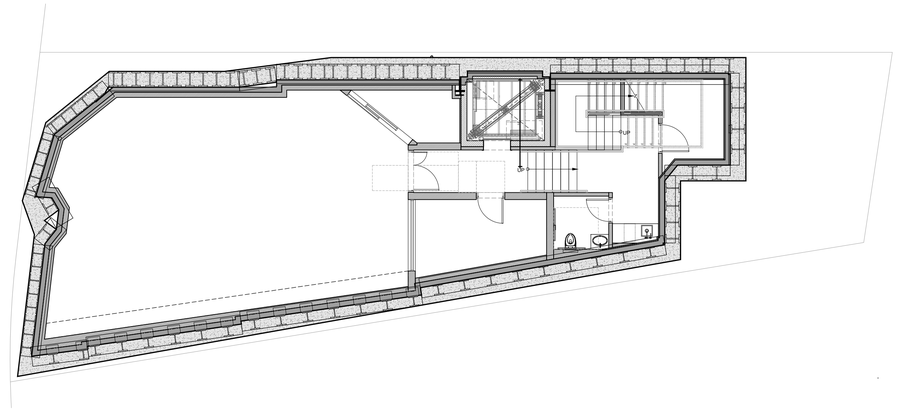
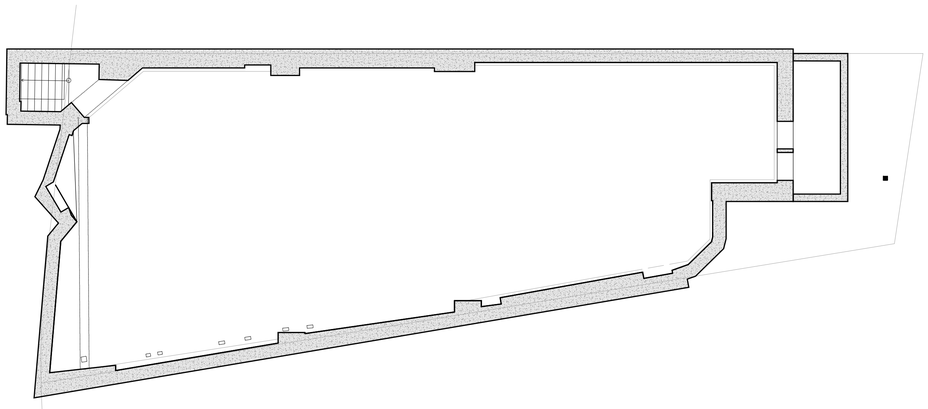


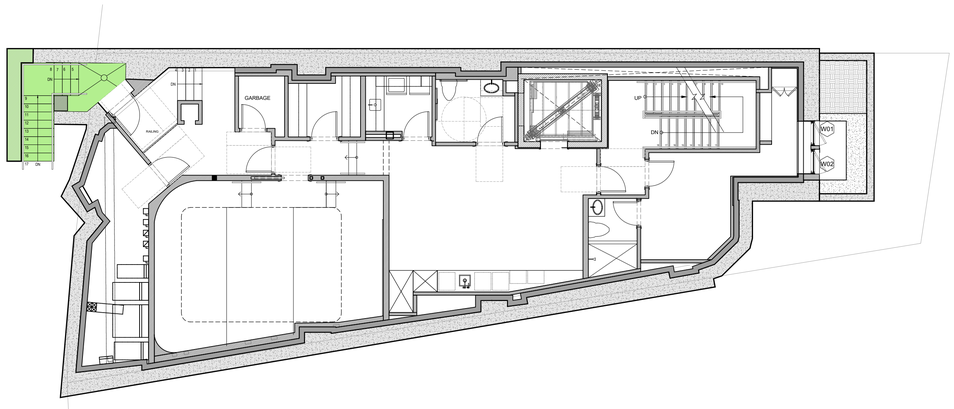
**6** EXISTING SUBCELLAR FLOOR PLAN
SCALE: 1/8" = 1'-0"



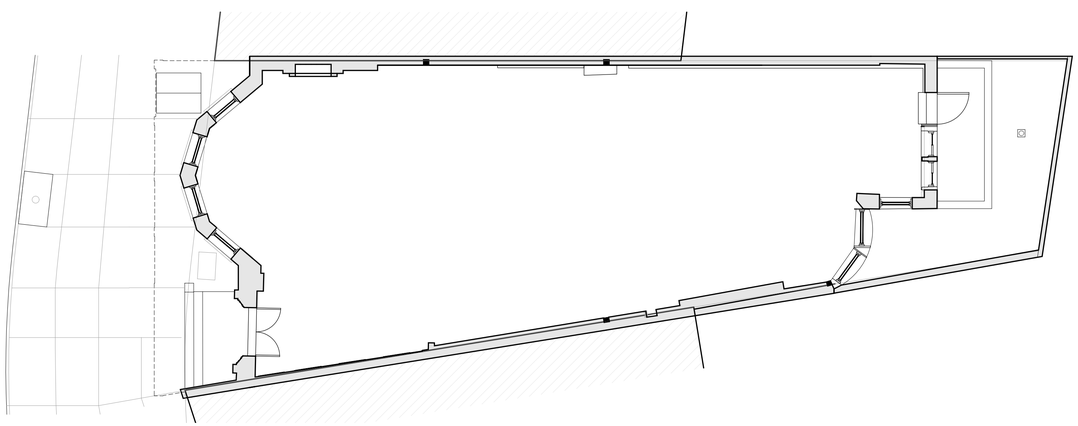
**5** PROPOSED SUBCELLAR FLOOR PLAN
SCALE: 1/8" = 1'-0"



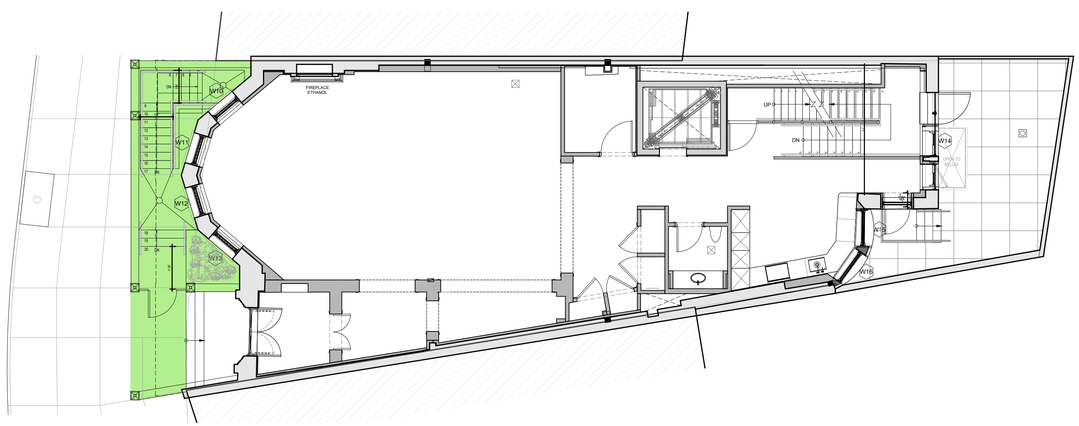
**4** EXISTING CELLAR FLOOR PLAN
SCALE: 1/8" = 1'-0"




**3** PROPOSED CELLAR FLOOR PLAN
SCALE: 1/8" = 1'-0"



**2** EXISTING 1ST FLOOR PLAN
SCALE: 1/8" = 1'-0"




**1** PROPOSED 1ST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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EXISTING AND PROPOSED PLANS

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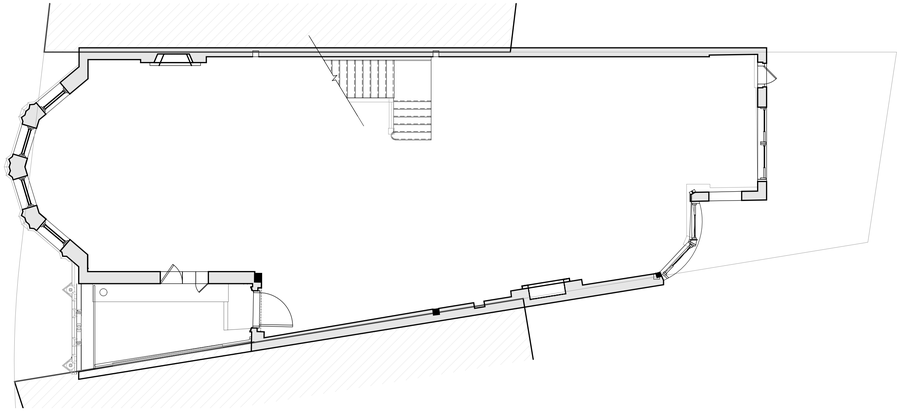
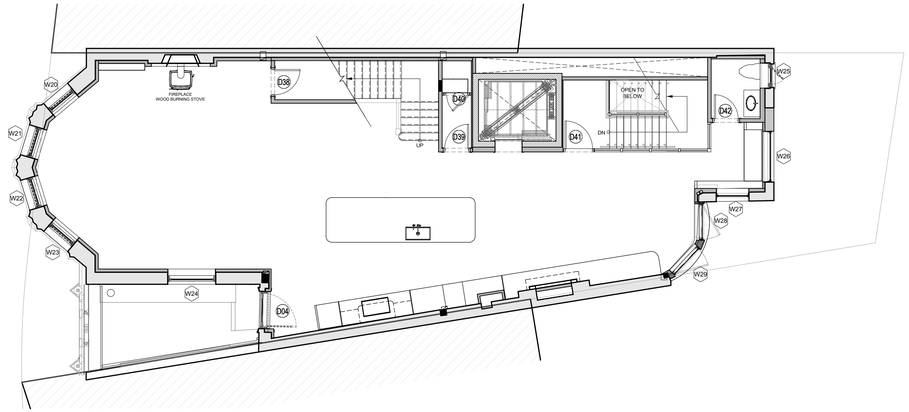
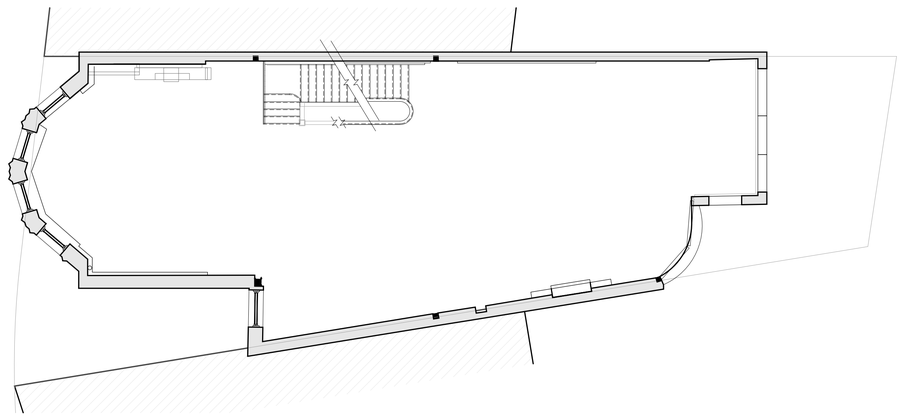


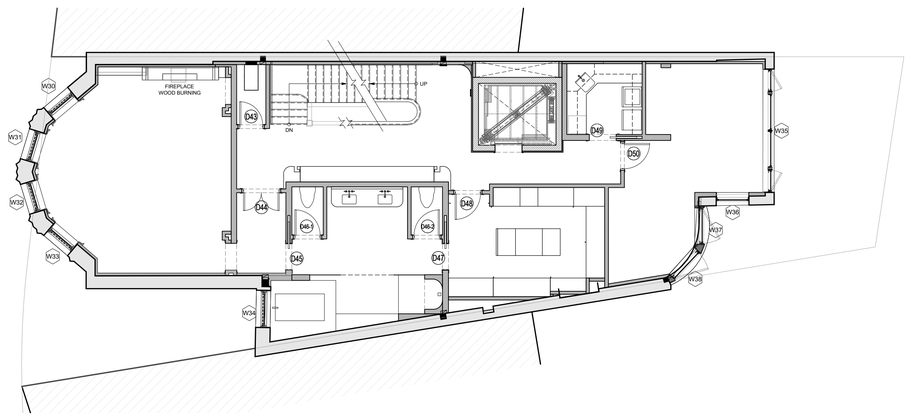
## 6 EXISTING 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0"



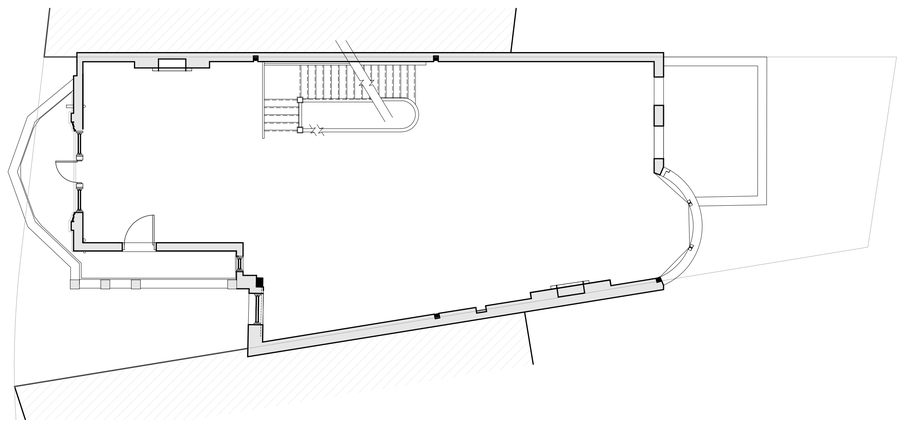

## 5 PROPOSED 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0"



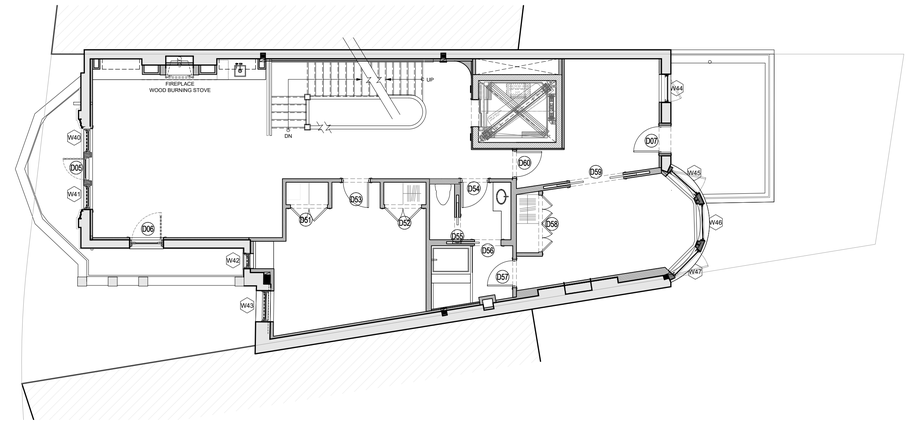
## 4 EXISTING 3RD FLOOR PLAN
SCALE: 1/8" = 1'-0"




## 3 PROPOSED 3RD FLOOR PLAN
SCALE: 1/8" = 1'-0"



## 2 EXISTING 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"




## 1 PROPOSED 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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## EXISTING AND PROPOSED PLANS

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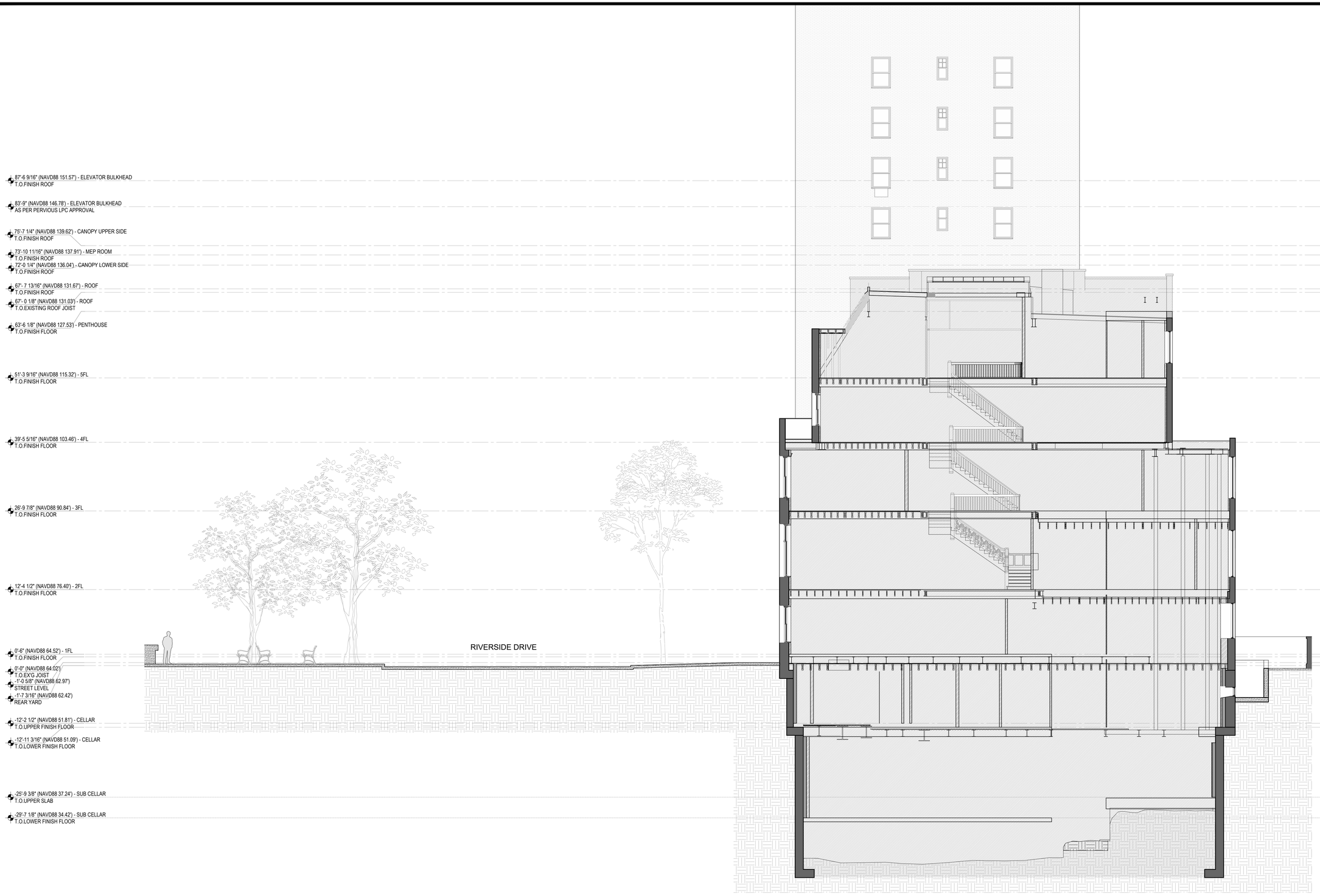
A-502.00
SHEET 28 OF 27




1 EXISTING EAST-WEST SECTION
SCALE: 1/8" = 1'-0"

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| | LPC COMMISSION HEARING | 06/03/2026 |

EXISTING EAST-WEST SECTION

SHEET NO
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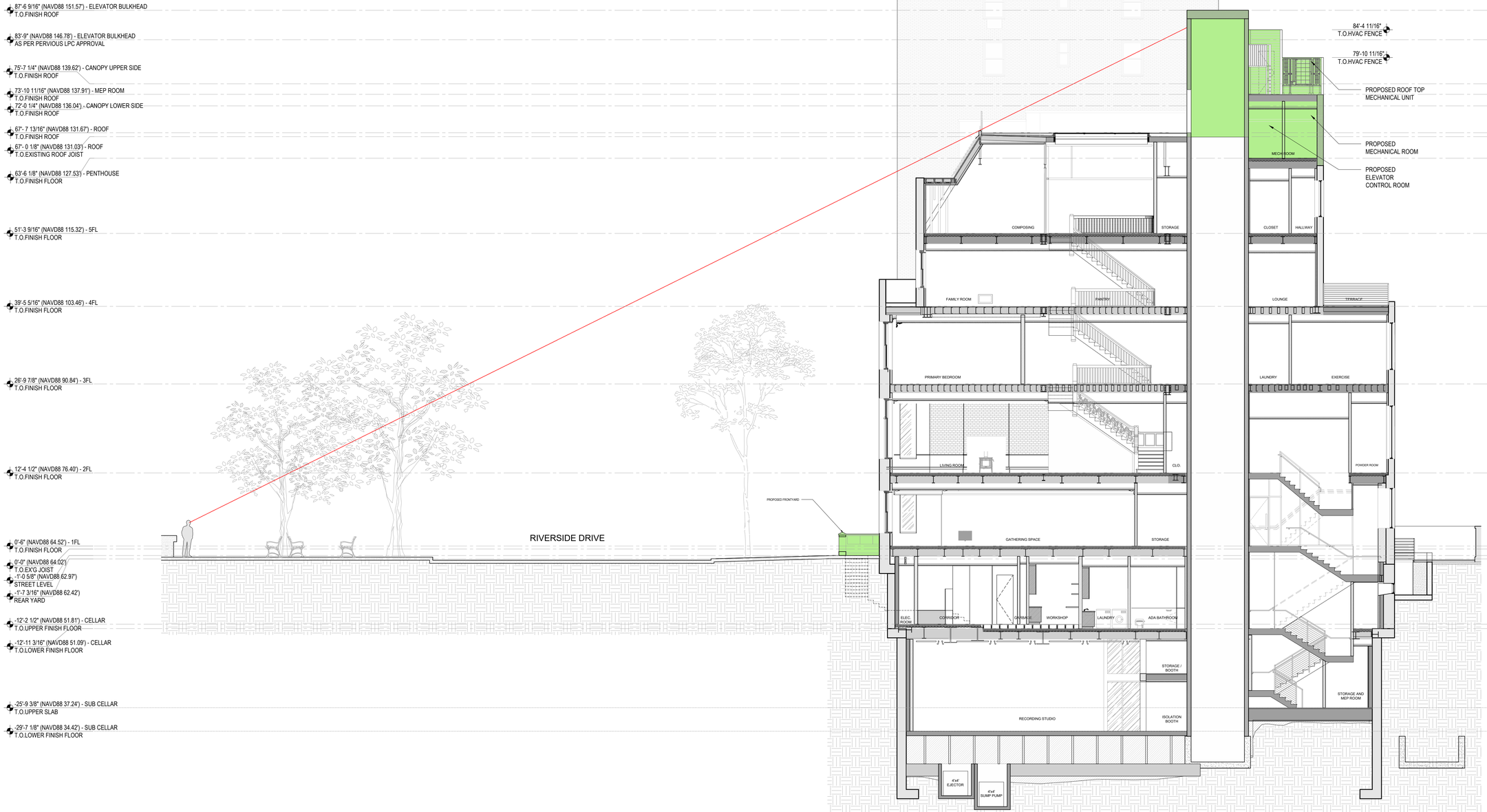


1 PROPOSED EAST-WEST SECTION
SCALE: 1/8" = 1'-0"

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PROPOSED
EAST-WEST SECTION

SHEET NO
A-504.00
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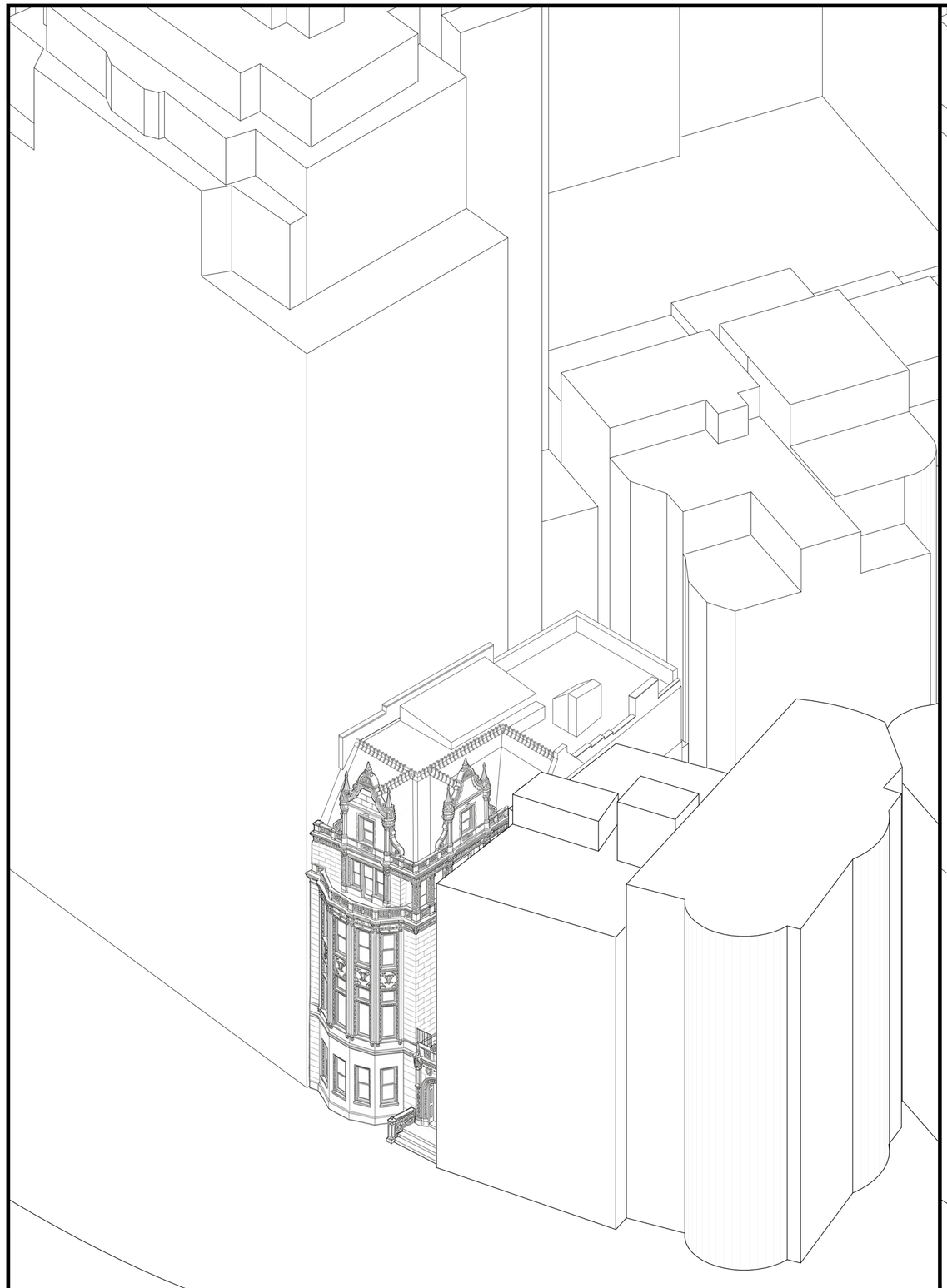
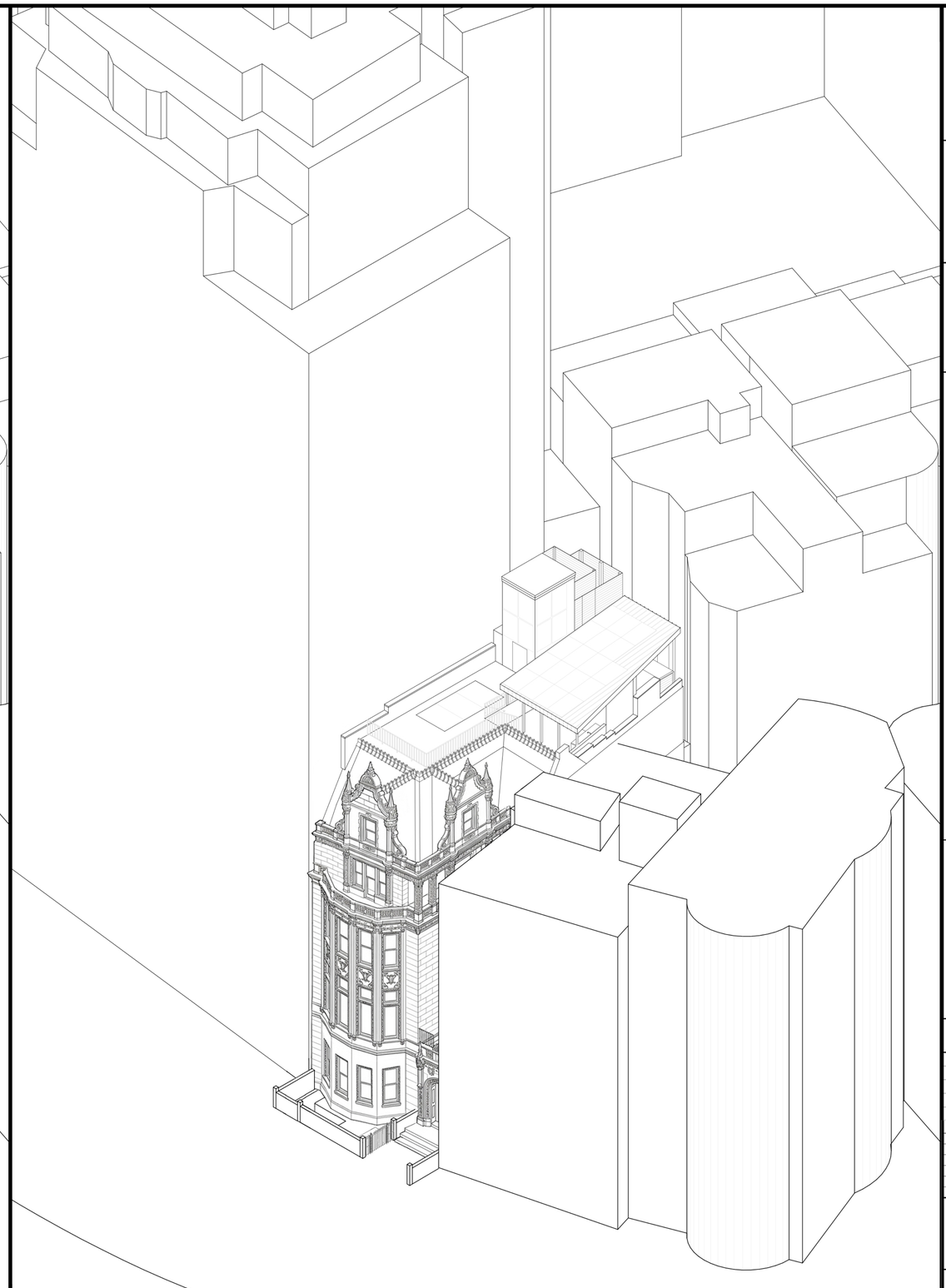


**2** EXISTING AXONOMETRIC DRAWING
SCALE: 3/32" = 1'-0"



**1** PROPOSED AXONOMETRIC DRAWING
SCALE: 3/32" = 1'-0"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## EXISTING AND PROPOSED AXONOMETRIC VIEW

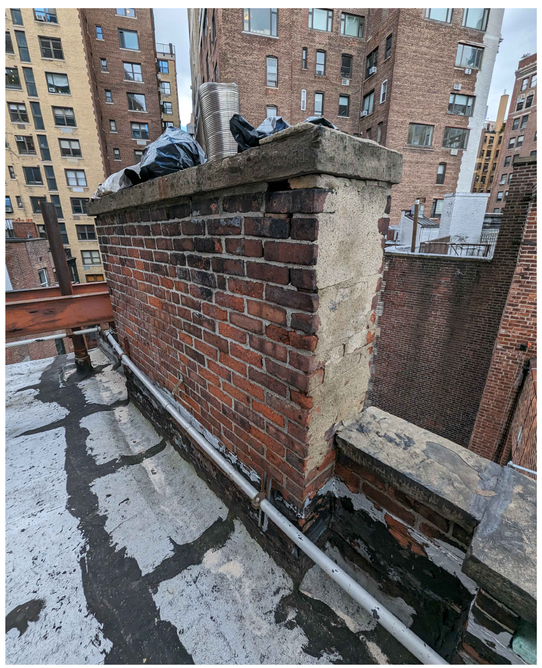
SHEET NO
A-505.00
SHEET 21 OF 27

6 PHOTO OF EXISTING SKYLIGHT BULKHEAD
SCALE: N.T.S.

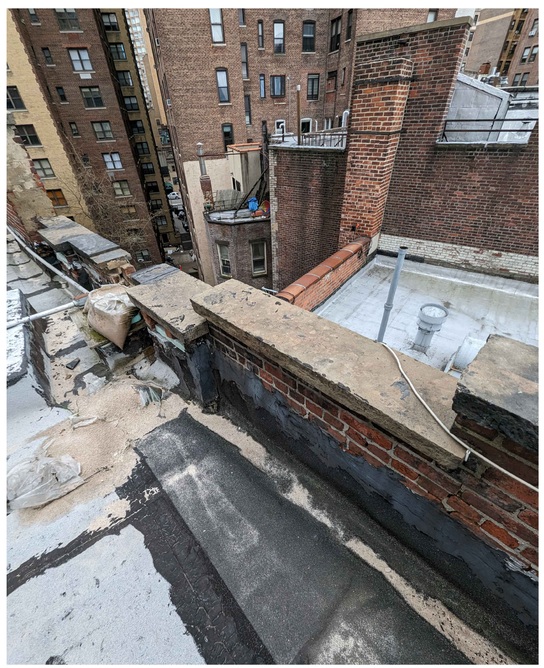
5 PHOTO OF EXISTING NORTH WALL
SCALE: N.T.S.

4 PHOTO OF EXISTING BULKHEAD
SCALE: N.T.S.

3 PHOTO OF EXISTING ROOF CONDITION
SCALE: N.T.S.



2 PHOTO OF EXISTING CHIMNEY
SCALE: N.T.S.



1 PHOTO OF EXISTING PARAPET
SCALE: N.T.S.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PHOTOGRAPHS OF EXISTING ROOF CONDITIONS

SHEET NO
A-506.00
SHEET 22 OF 27


3 VIEW OF RAILING MOCKUP AT ROOFTOP TERRACE LEVEL
SCALE: N.T.S.


2 VIEW OF BULKHEAD MOCK UP FROM ROOF
SCALE: N.T.S.


1 VIEW OF BULKHEAD MOCK UP FROM ROOF
SCALE: N.T.S.

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PHOTOGRAPHS OF MOCK UP CONSTRUCTION

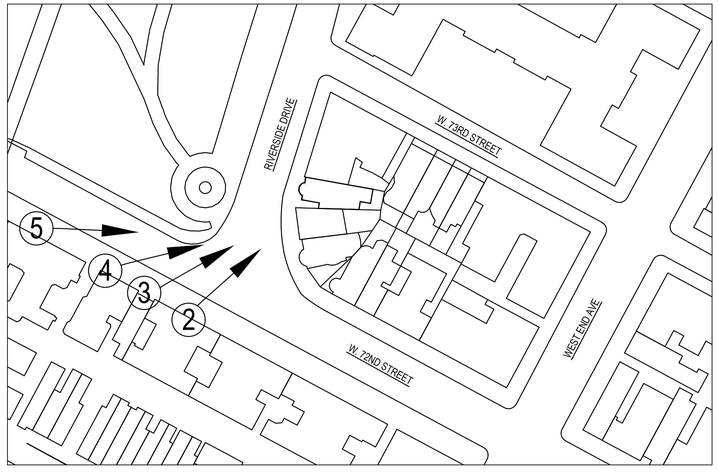
SHEET NO
A-507.00
SHEET 23 OF 27

**5** VIEW OF MOCK UP FROM 72ND ST.
SCALE: N.T.S.

**4** VIEW OF MOCK UP FROM 72ND ST.
SCALE: N.T.S.

**3** VIEW OF MOCK UP FROM 72ND ST.
SCALE: N.T.S.

**2** VIEW OF MOCKUP FROM 72ND ST.
SCALE: N.T.S.




**1** SITE PLAN WITH PHOTO LOCATION
SCALE: N.T.S.

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# PHOTOGRAPHS OF MOCK UP FROM VISIBLE LOCATIONS

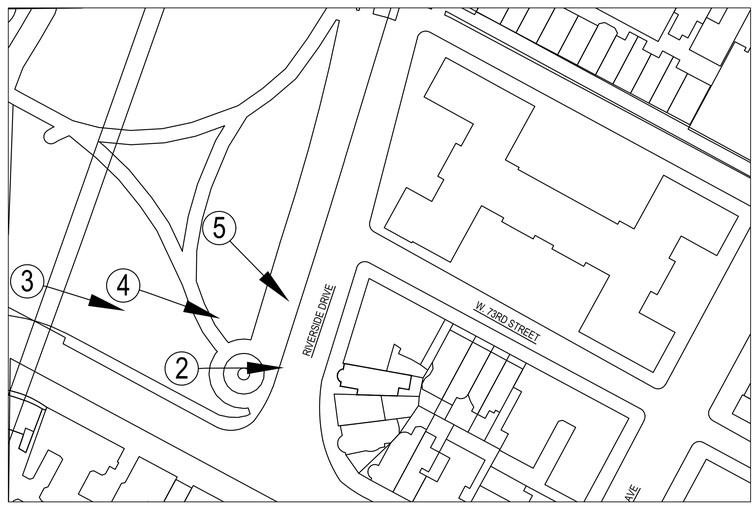
SHEET NO
A-508.00
SHEET 24 OF 27

**5** VIEW OF MOCKUP FROM RIVERSIDE PARK
SCALE: N.T.S.

**4** VIEW OF MOCKUP FROM RIVERSIDE PARK
SCALE: N.T.S.

**3** VIEW OF MOCKUP FROM RIVERSIDE PARK
SCALE: N.T.S.

**2** VIEW OF MOCKUP FROM RIVERSIDE PARK
SCALE: N.T.S.




**1** SITE PLAN WITH PHOTO LOCATION
SCALE: N.T.S.

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3 RIVERSIDE DRIVE
NEW YORK, NY 10023

STAMP

REGISTERED ARCHITECT
MARY MARGARET LANGAN
025177
STATE OF NEW YORK



PROJECT NO.: 224112
DATE: 08/26/2024
DRAWN BY: TT
CHECKED BY: ML
AREA: 10,964.26 SQ FT

| # | ISSUE | DATE |
|---|---|---|
| | LPC COMMISSION HEARING | 06/03/2026 |

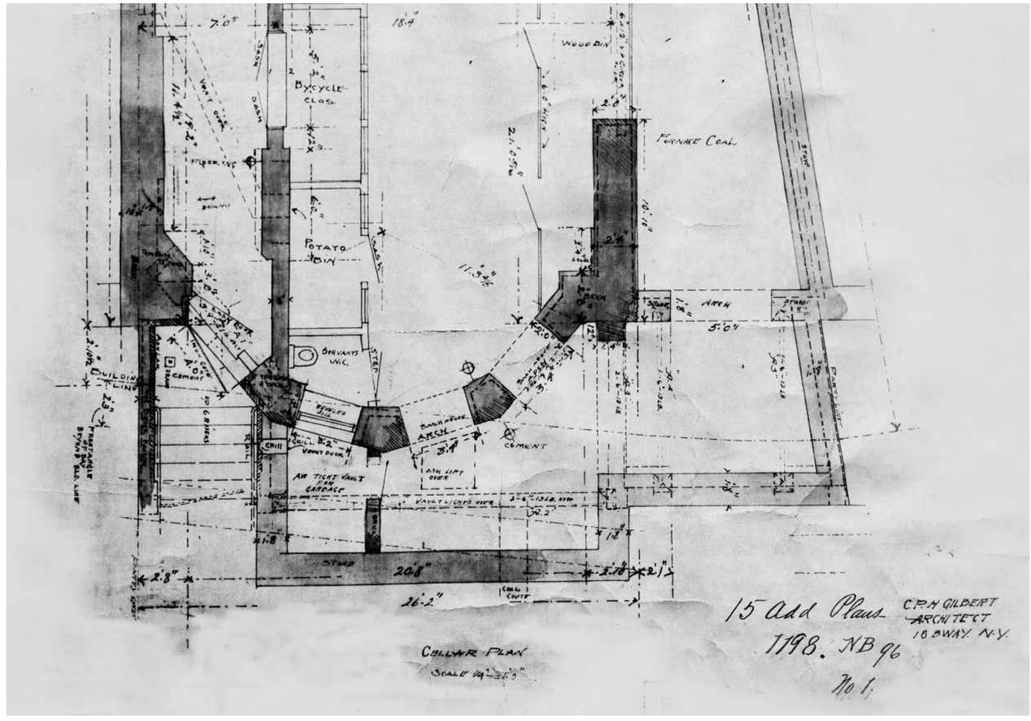
# PHOTOGRAPHS OF MOCK UP FROM VISIBLE LOCATIONS

SHEET NO
A-509.00
SHEET 25 OF 27

**4** EXISTING METAL HATCH TO CELLAR
SCALE: N.T.S.

**3** EXISTING AREAWAY, STAIR AND SIDEWALK
SCALE: N.T.S.

**2** EXISTING CELLAR STAIR
SCALE: N.T.S.




**1** HISTORIC PLAN SHOWING EXISTING CELLAR STAIR AND OPENING IN WALL
SCALE: N.T.S.

ARCHITECT
**O'NEIL LANGAN**
ARCHITECTS
118 WEST 22ND ST
6TH FLOOR
NEW YORK, NY 10011
PHONE: 212.279.2670
FAX: 212.279.2671

MEP ENGINEER

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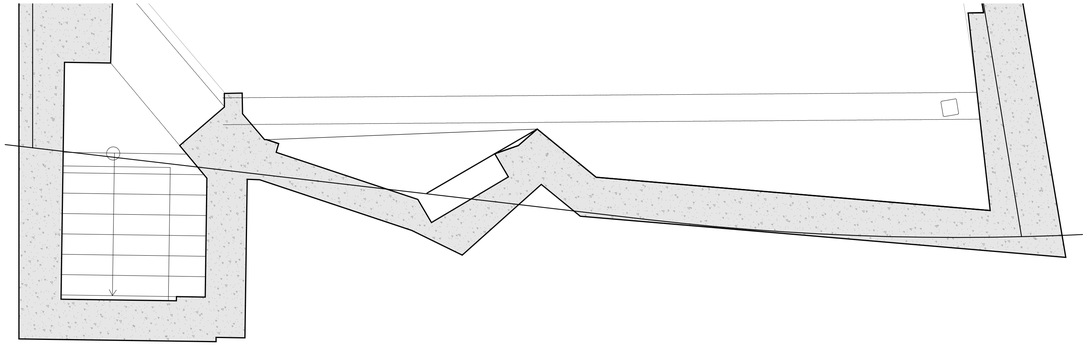
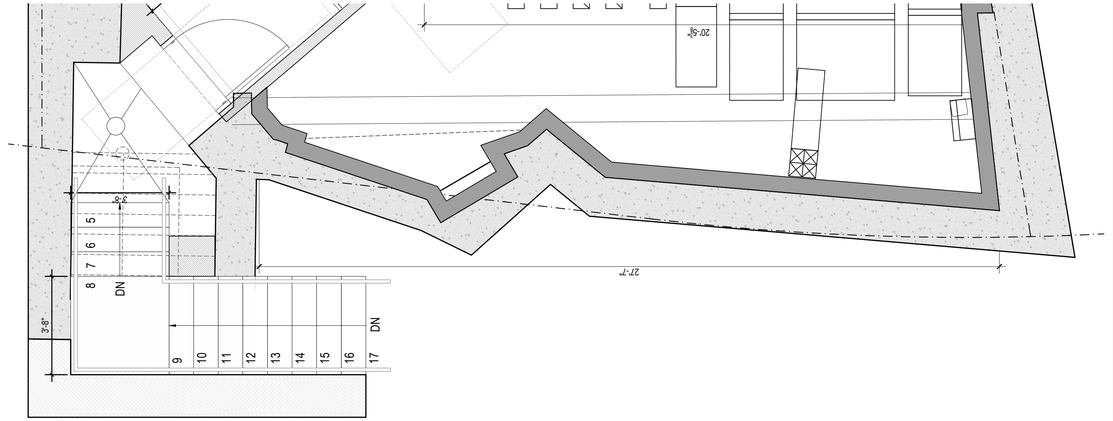
EXISTING CONDITIONS OF AREAWAY

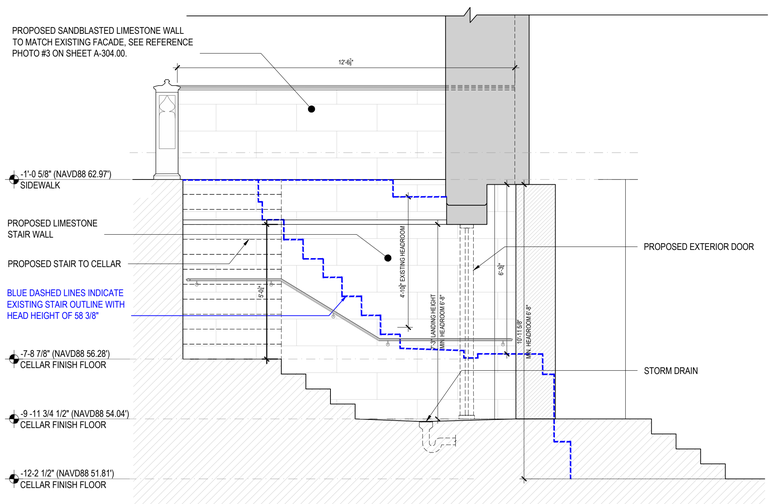
SHEET NO
A-510.00
SHEET 26 OF 27



**4** EXISTING CELLAR PLAN
SCALE: 3/8" = 1'-0"




**3** PROPOSED CELLAR PLAN
SCALE: 3/8" = 1'-0"




**2** PROPOSED CELLAR STAIR SECTION
SCALE: 3/8" = 1'-0"


**1** PROPOSED CELLAR STAIR SECTION
SCALE: 3/8" = 1'-0"

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|---|---|---|
| | LPC COMMISSION HEARING | 06/03/2026 |

PROPOSED AND EXISTING AREAWAY PLANS & SECTIONS

SHEET NO
A-511.00
SHEET 27 OF 27

VTE VERTICAL TRANSPORTATION EXPERTS

April 17, 2026

O'Neil Langan Architects
118 West 22nd Street, 6th floor,
New York, NY 10011
Attn: Mary Langan

RE: 3 Riverside Drive, NYC NY- Elevator Design

To Whom It May Concern:

The elevator design at 3 Riverside Drive encompasses many hours of strategic planning and coordination. The intent was to not only provide a code compliant elevator with limited overhead but to also avoid any further excavation and disruption of the site and neighboring buildings. The final design includes both, an ADA compliant and 24" x 84" stretcher compliant elevator using an electric machine-room-less (MRL) traction elevator. This 'MRL' allows for the least amount of overhead space for the selected building. In comparison, a standard overhead traction elevator would require a machine room over the shaft resulting in additional overhead. Hydraulic elevators were reviewed and a roped hydraulic application is not recommended over 60ft of travel; 3 Riverside Drive has 101ft of travel. Lastly, an inground hydraulic application was reviewed as well but due to the travel of 101ft it could not be used as the application does not allow for inground with that amount of travel; Also the requirement of having to excavate and drill a 110ft hole into the ground at the pit floor would further disrupt the site and neighboring buildings.

Sincerely,

Stephen Hromada

Vertical Transportation Experts
Elevator Agency Director 610165

# Solarix: High-performance solar panels with unparalleled design.

Product datasheet
Terra-5-1722x1134-54s2pM10HC

### Unparalleled aesthetics
At Solarix we look from a design point of view to solar applications. We make them both beautiful and long-lasting. Our design team is constantly developing colours and designs that make your facade the most eye-catching one in town.

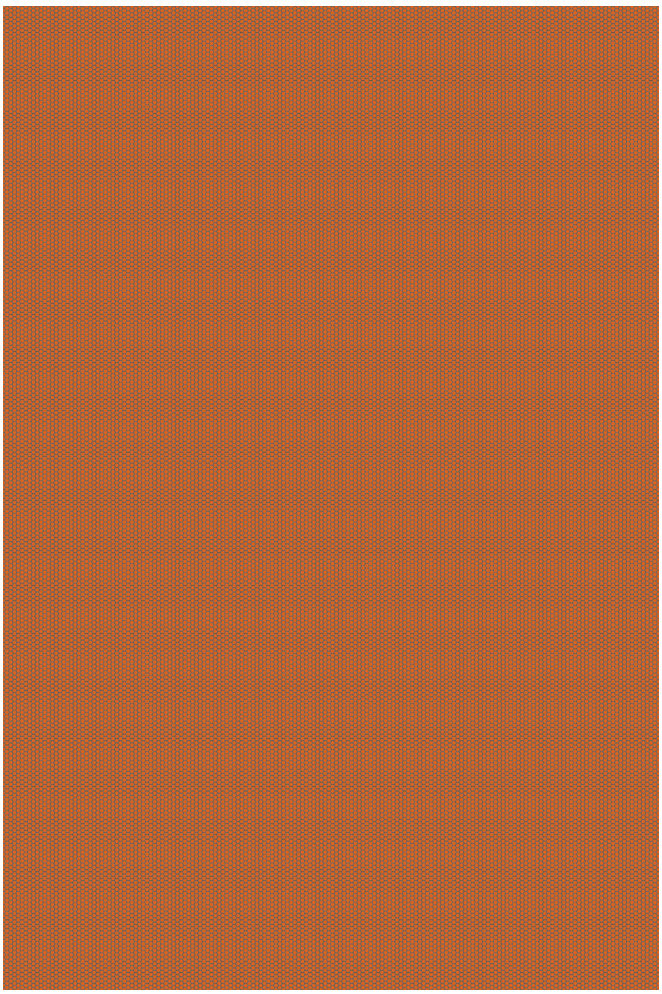
### High-quality product
The high-performance solar cells are sandwiched between extremely stable tempered glass plates guaranteeing a trustworthy performance and a supreme longevity. Our colour techniques have the best-in-class retention based on inorganic pigments that are virtually not affected by UV radiation.

### Quality
10 years warranty on colour retention
10 years warranty for materials and processing
25 years warranty extra linear power output

### Linear power degradation warranty
First year <2%, <0.55%/year over years 2-25
85% guaranteed power after 25 years



Contact information Flevolaan 19, 1382 JX Weesp, The Netherlands info@solarix-solar.com +31 (0)20 2440641 solarix-solar.com



Color to match surface it's mounted on

Design preview Terra5


## Pattern information

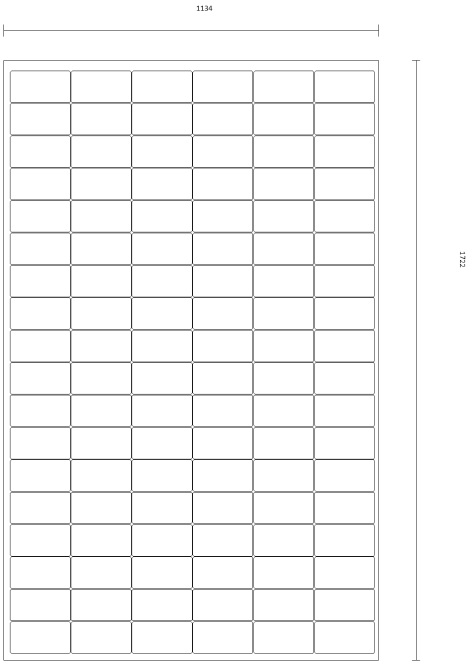
| | |
|---|---|
| Collection | Solarix Roof |
| Design | Terra-5 |
| Colour | Color to match surface it's mounted on |
| Colour details | |
| Design details | |
| Appearance | Semi glossy / Metallic |
| | © European registered design (ERD) |



Contact information Flevolaan 19, 1382 JX Weesp, The Netherlands info@solarix-solar.com +31 (0)20 2440641 solarix-solar.com

## Solar panel | general data

| | |
|---|---|
| Series name | Terra-5-1722x1134-54s2pM10HC |
| Module technology | glass-backsheet, with frame |
| L x W x H | $1722^{\pm 2}$ mm x $1134^{\pm 2}$ mm x 30 mm |
| Max. system voltage | 1500 V |
| Weight | approx. 21.5 kg |
| By-pass diodes | 3 |
| Connection technology | Staubli MC4 4mm$^2$ |




## Electrical data (STC)

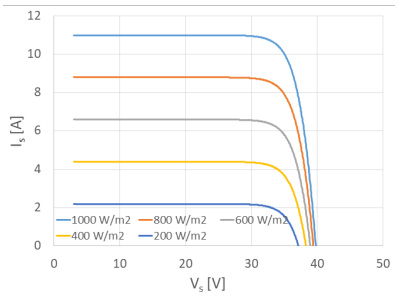
STC (Standard Test Conditions): Illumination intensity 1,000 W/m$^2$, spectral distribution AM 1.5 | Temperature 25±2 °C, in accordance to EN 60904-3.

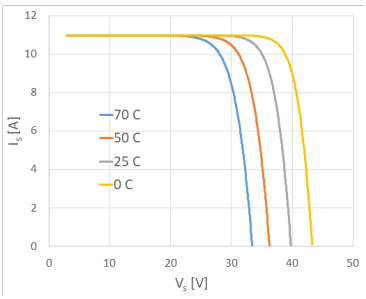
| | | | |
|---|---|---|---|
| Maximum power, Pmax | 355 Wp | Voltage at maximum power, Vmp | 33.91 V |
| Open-circuit voltage, Voc | 39.78 V | Current at maximum power, Imp | 10.5 A |
| Short-circuit current, Isc | 11 A | Efficiency | 18.20% |

Measurement tolerances: Pmax ±10 %; Voc ±10 %; Isc ±10 %, Imp ±10 %, Reverse-current power rating Ir: 20 A, operating modules with an external power source is only permissible if using a phase fuse with a tripping current of ≤ 20 A.

## Temperature Characteristics

| | |
|---|---|
| Temperature coefficient of Isc | 0.06% |
| Temperature coefficient of Voc | -0.25% |
| Temperature coefficient of Pmax | -0.27% |






Certification IEC 61215 & IEC 61730

Note: Due to continuous technical innovation, R&D and improvement, technical data mentioned in this document may be of modification accordingly. Solarix has the sole right to make such modifications at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need, and make it a consisting and binding part of lawful documentation duly signed by both parties.

Contact information Flevolaan 19, 1382 JX Weesp, The Netherlands info@solarix-solar.com +31 (0)20 2440641 solarix-solar.com

# Specification text

# Solarix Colours Solar facade panel.

Contact information Flevolaan 19, 1382JX Weesp, Netherlands info@solarix-solar.com +31 (0)20 2440641 **solarix-solar.com**

## General specification text for Solarix Colours

Below you will find a description of a PV module with Solarix Colours coloring. For project-specific specification texts, you can contact us at sales@solarix-solar.com.

**70** **ELECTRICAL INSTALLATIONS**

**70.33** **INVERTERS**

**70.33.40-a** **PV-MODULE**

**1. PV-MODULE (Solar facade panel)**

Manufacturer: Solarix
Type: Solar design collections
Panel composition
Front side: 3.2 mm (also available in custom glass thicknesses) tempered glass with ceramic colouring
Back side: 3.2 mm (also available in custom glass thicknesses) black enamelled tempered glass
Encapsulant thickness: 1 mm
Total panel thickness: 7,4 mm (depending on the chosen glass thickness)
Design information
Solarix design nr: ……. (depending on the selected colour)
Collection: ……. (depending on the selected collection)
Colour: ……. (depending on the selected colour)
Design detail: ……. (depending on the selected colour)
Power output (W): +/- Wp per m² (depending on the colour configuration and dimensions)
Print side: Face 1 or 2
Glass type: ……. (depending on the selected glass type)
Technical information
Shape: rectangular
Configuration: portrait-landscape
Dimensions (mm): depending on the selected dimensions… L x W mm
Cell typology: BC HC M10
Cell material: monocrystalline silicon cells
Surface (m²): depending on the dimensions
Panel weight: 18,5 kg per $m^2$
Weight incl. mounting system: 22,5 kg per $m^2$
Weather resistance: IP67/IP68
Fire certification: B-s1, d0 (EN 13501-1)
Certifications: IEC 61215 & IEC 61730
Maximum system voltage (V): 1000 DC (IEC )
Thermal properties
Temperature coefficient: -0,365%/C °
Min. operating temperature (C °): -40
Max. operating temperature (C °): 85
Connection
Connection according to the string plan or as specified by the installer.
Connectors: Staubli MC4 evo2
Cabling: 2x (4mm², 1200mm length)

Continued on the next page >

**2.DUMMY PANELS**

Manufacturer: Solarix
Type: Solar design collections
Panel composition
Front side: 3.2 mm (also available in custom glass thicknesses) tempered glass with ceramic colouring
Back side: 3.2 mm (also available in custom glass thicknesses) black enamelled tempered glass
Encapsulant thickness: 1 mm
Total panel thickness: 7,4 mm (depending on the chosen glass thickness)
Design information
Solarix design nr: ……. (depending on the selected colour)
Collection: ……. (depending on the selected collection)
Colour: ……. (depending on the selected colour)
Design detail: ……. (depending on the selected colour)
Print side: Face 1 or 2
Glass type: ……. (depending on the selected glass type)
Technical information
Shape: rectangular
Configuration: portrait-landscape
Dimensions (mm): depending on the selected dimensions… L x W mm
Surface ($m^2$): depending on the dimensions
Panel weight: 18,5 kg per $m^2$
Weight incl. mounting system: 22,5 kg per $m^2$
Weather resistance: IP67/IP68.
Fire certification: B-s1, d0 (EN 13501-1)
Thermal properties
Min. operating temperature (C °): -40
Max. operating temperature (C °): 85

**3. MOUNTING SYSTEM**

Manufacturer: Solarix
Material: Aluminium mounting structure, incl. ventilation provision
Fixing method: Invisible, in accordance with Solarix aluminium mounting system guidelines and adhesive supplier specifications
Components: aluminium omega profiles, aluminium C-support profiles, aluminium support clips, fastening materials for the various components. Optionally available with an L-clip on the underside or with J-clips on both the top and bottom.
Configuration: The vertical omega profiles are bonded to the rear side of the Solarix panel. The aluminium support clips are attached to the vertical omega profiles. Structural calculations and installation drawings as part of the warranty.

## Villa Lichtenberg - Amersfoort

| | |
|---|---|
| Type of project: | **New construction** |
| Status: | **Realised in 2023** |
| Client: | **Private** |
| Architect: | **Willem van Winsen** |
| M2 Solarix panels: | **140 m² (129 active m²)** |
| Yearly generated energy: | **9,600 kWh per year** |
| Yearly CO2 reduction: | **7,143 kg $CO_2$** |
| Equals to an amount of: | **307 trees** |

Villa Lichtenberg is designed as a sustainable home that is low in energy use and maintenance with a combination of unique qualities. The villa is located in a rolling green landscape with a double living ground floor, a bedroom floor above and a roof structure.

Solarix was asked to work with architect Willem van Winsen and the clients to design the facade of the bedroom floor as an energy-generating facade. The appearance and distribution of the facade panels was important, avoiding any resemblance with standard solar panels. The result is a rhythmic pattern of various custom-made coloured design solar panels in the facades.



## City Theatre - Middelburg

| | |
|---|---|
| Type of project: | **Redevelopment** |
| Status: | **Realised in 2022** |
| Client: | **Municipality of Middelburg** |
| M2 Solarix panels: | **40 m²** |
| Yearly generated energy: | **3,460 kWh per year** |
| Yearly CO2 reduction: | **2,572 kg $CO_2$** |
| Equals to an amount of: | **110 trees** |

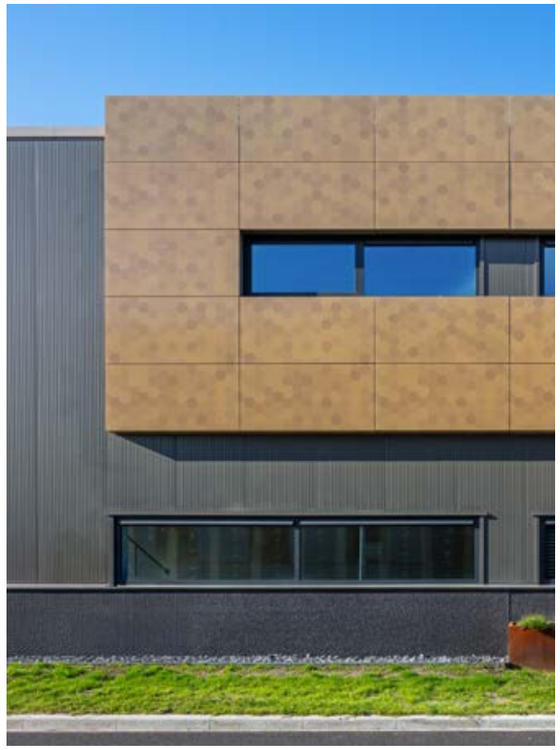
Want to make a building more sustainable in a beautiful way? That's possible! On behalf of the municipality of Middelburg, Solarix has made the city theatre in the historic city more sustainable. With this project, the municipality wants to show that it is also possible to generate sustainable energy in an architecturally valuable building in a historic environment.

During the design process, Solarix took the existing architecture as a starting point. The colours in the brickwork and window frames, as well as the building's function and appereance were examined. As a result, the vertically mounted panels were placed to decorate both sides of the main entrance of the theatre, like wings.

## Hommersen - Zwaag

| | |
|---|---|
| Type of project: | **New construction** |
| Status: | **Realised in 2024** |
| Client: | **Hommersen solar** |
| M2 Solarix panels: | **64 m² (52 m² active)** |
| Yearly generated energy: | **33,880 kWh per year** |
| Yearly CO2 reduction: | **2,886 kg $CO_2$** |
| Equals to an amount of: | **124 trees** |

Hommersen Solar is an installer of solar panels who built their own sustainable business hall with office in Zwaag in 2023. In addition to the standard solar panels on the roof, the company also wanted to show that solar panels on the facade are also possible. Above the entrance, they have included a number of large coloured facade solar panels in the colour ocker. The eye-catcher of the building, but also a vision of the future of solar.





## The Jay - Bajes Kwartier - Amsterdam

| | |
|---|---|
| Type of project: | **Redevelopment** |
| Client: | **AM, Wattco** |
| Architect: | **OMA** |
| M2 Solarix panels: | **193 m²** |

In the renewed Bajes Kwartier, Building H is being given a second life as student housing. This iconic project, developed by AM, is part of the transformation of the former Bijlmer Bajes into a sustainable, green urban district.

For the front façade, architecture firm OMA has designed an innovative solar façade that seamlessly combines aesthetics with energy generation. The façade features 130 suede-black Solarix solar panels, integrated into prefab aluminium frames, covering a total surface area of 193 m². This creates a striking architectural statement while ensuring a perfect fit with the overall design.

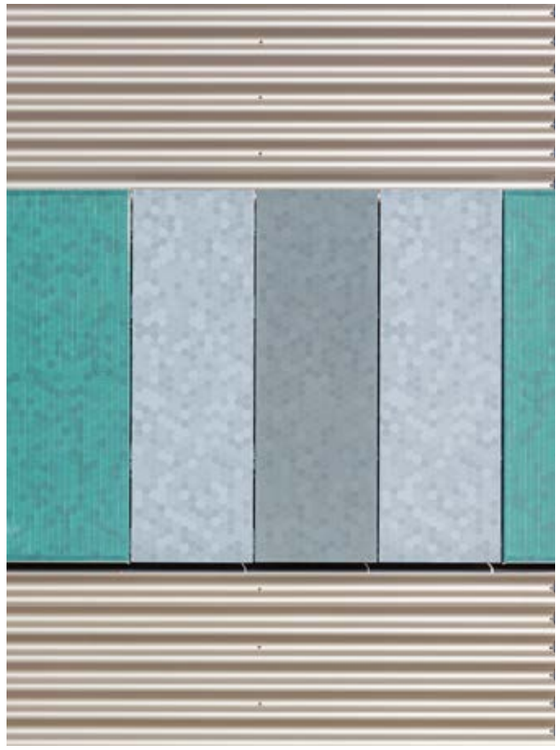
## Van Happen - Eindhoven

| | |
|---|---|
| Type of project: | **Redevelopment** |
| Status: | **Realised in 2022** |
| Client: | **Van Happen** |
| M2 Solarix panels: | **176 m² (170 active m²)** |
| Yearly generated energy: | **13,500 kWh per year** |
| Yearly CO2 reduction: | **10,029 kg $CO_2$** |
| Equals to an amount of: | **432 trees** |

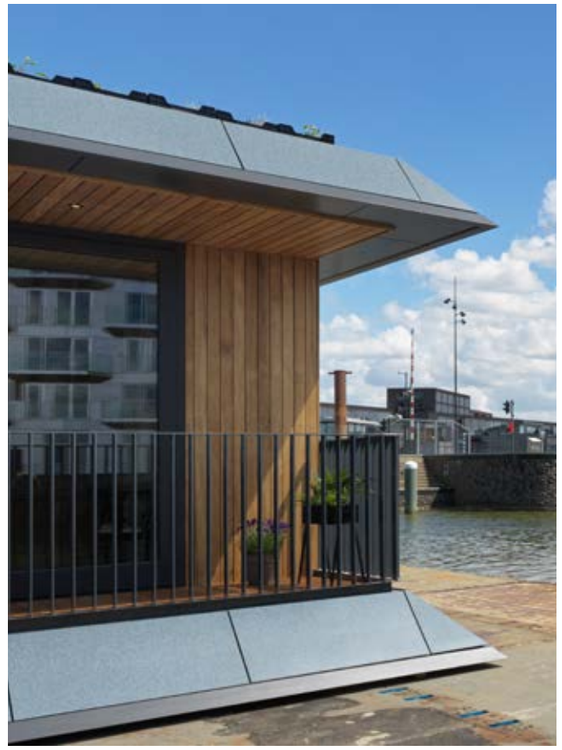
The waste processing industry is changing, with sustainably and circular thinking becoming important themes in the sector and for our client Van Happen. They requested a facade that radiates these values by showcasting Van Happen's activities while also generating energy.

The arrows in this design represents the collection and sorting of waste by Van Happen. The arrows are made up of coloured, light weight, circular solar panels, making this project an excample of how industrial estated can be more sustainable in an attractive way.

In this project, a combination of regular glass/glass solar panels in colour with an innovative circular lightweight solar panel was chosen. Two shades of gray have been applied in an enlarged dot that match the aesthetic requirements for this area. A solar film has been developed and tested for the circular Solarix / Solarge solar panels with the same pattern in green. A Terra and ochre panels have been added at the entrance.







## De Optopper - BuurtBoost

| | |
|---|---|
| Type of project: | **New construction / redevelopment** |
| Client: | **Vorm** |
| Architect: | **BurtonHamfelt Urban Architecture** |
| M2 Solarix panels: | **27 m² per unit** |
| Yearly generated energy: | **2,950 kWh per year per unit** |
| Yearly CO2 reduction: | **2,200 kg $CO_2$ per unit** |
| Equals to an amount of: | **94 trees per unit** |

In 2021, Solarix received the PROVADA Proptech Award from Daan van der Vorm. A year later, the first collaboration saw the light with the integration of design facade solar panels in the modular housing solution: the BuurtBoost Optopper. This Plug & Play solution for affordable, sustainable homes on existing real estate is part of BuurtBoost. BuurtBoost joined forces with BurtonHamfelt Urban Architecture, DAT Bouwsystemen (VORM wood factory, Smart2Prefab (VORM initiative), The Urban Jungle Project and Solarix. In three month, they developed a full prototype designed to be added to the existing real estate.

Landmarks Preservation Commission

**June 9, 2026**
Public Meeting

**The current proposal is:**

**Preservation Department – Item 3, LPC-26-06324**

# 3 Riverside Drive – The Kleeberg Residence – Individual Landmark

# Borough of Manhattan

**Note: this is a Public Meeting item. No public testimony will be received today as the hearing on this item is closed.**