IT IS A VIOLATION OF NYS EDUCATION LAW ARTICLES 145 AND 147 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER OR ARCHITECT, TO ALTER THIS ITEM IN ANY WAY.
### Proposed Window Master Plan

**375 Riverside Drive, New York**

**Background**
The subject building’s curtain wall systems were designed by Gehry Partners, and constructed between 1983 and 2002. The 1983 Gehry design featured a system of precast building-wide panels providing a controlled appearance, while achieving the highest possible level of performance.

**Purpose**

To address the need for window replacement, the project scope includes the following:

1. Replacement of windows in the DOB B-Scan area.
2. Replacement of existing windows in the B-Scan area that do not meet the performance criteria.
3. Replacement of existing windows in the B-Scan area that are not structurally sound.

**Design Considerations**

- **Seismic Design:** The building is located within a Zone 5 seismic zone, and must be designed to meet the 2016 New York City Building Code.
- **Energy Efficiency:** The windows must meet the LEED Gold certification criteria for energy efficiency.
- **Aesthetic Consistency:** The replacement windows must maintain the architectural integrity of the building.

**Design Team**

- **Architect:** WJE Engineers & Architects, P.C.
- **Structural Engineer:** WJE Engineers & Architects, P.C.
- ** MEP/MEP Engineer:** WJE Engineers & Architects, P.C.
- **幕墙 Contractor:** WJE Engineers & Architects, P.C.

**Project Details**

- **Project No.:** 2018.4594.1
- **Project Name:** Proposed Window Master Plan
- **Location:** 375 Riverside Drive
  - **Address:** New York, NY 10025
- **Date:** OCT 30, 2020
- **Sheet Title:** T-002.00

**Table of Window Specifications**

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<td>As Noted</td>
<td>As Noted</td>
<td>As Noted</td>
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</tbody>
</table>

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**Notes**

- All windows must be designed and constructed to meet the 2016 New York City Building Code.
- All windows must be designed and constructed to meet the LEED Gold certification criteria.
- All windows must be designed and constructed to meet the Architectural Integrity of the building.

**Project Team**

- **Project Manager:** WJE Engineers & Architects, P.C.
- **Architect:** WJE Engineers & Architects, P.C.
- **Structural Engineer:** WJE Engineers & Architects, P.C.
- **MEP/MEP Engineer:** WJE Engineers & Architects, P.C.
- **幕墙 Contractor:** WJE Engineers & Architects, P.C.

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**Legend**

- **Symbol:** As Noted
- **Color:** As Noted
- **Material:** As Noted

**Scale**

- **1/2" = 1'-0"**
- **1" = 2'-0"**

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**WJE Engineers & Architects, P.C.**

1350 Broadway, Suite 910
New York, New York 10018
212.760.2540 tel | 212.760.2548 fax
www.wje.com
New York City Tax Photo (1980's)

- One-over-one double hung windows with dark/black frames typical throughout visible facades
- Remnants of six-over-one double hung windows visible at 13th floor of North facing facade

New York City Tax Photo (1940's)

- Six-over-one double hung windows typical throughout visible facades
- No unique or special window conditions noted
North Elevation (Cathedral Parkway)
- One-over-one double hung windows with dark/black frames typical throughout visible facades
- Isolated locations of casement windows (single pane)

West Elevation (Riverside Drive)
- One-over-one double hung windows with dark/black frames typical throughout visible facades
- Isolated locations of casement windows (single pane)

Courtyard Elevations
- One-over-one double hung windows with dark/black frames typical throughout visible facades
- Isolated locations of casement windows (single pane)
### Proposed Window Master Plan

375 Riverside Drive
New York, NY 10025

#### As Noted

1. **TYPICAL DOUBLE HUNG WINDOW (PRIMARY FACADE)**
   - One-over-one double hung windows with black frame typical throughout visible facades.
   - Aluminum window frame with perimeter aluminum panning.

2. **TYPICAL DOUBLE HUNG WINDOW (PRIMARY FACADE)**
   - One-over-one double hung windows with black frame typical throughout visible facades.
   - Aluminum window frame with perimeter aluminum panning.

3. **TYPICAL DOUBLE HUNG WINDOW (PRIMARY FACADE)**
   - One-over-one double hung windows with black frame typical throughout visible facades.
   - Aluminum window frame with perimeter aluminum panning.

4. **TRIPARTITE WINDOW ABOVE ENTRY (PRIMARY FACADE)**

5. **ATYPICAL WINDOW CONFIGURATION**
   - (1 BAY OF 14 FLOORS AT WEST FACADE - TYPE C)
1. WOOD JAMB CONDITIONS OBSERVED IN COURTYARD

2. WOOD JAMB CONDITIONS OBSERVED IN COURTYARD

3. WOOD BEADING CONDITIONS OBSERVED IN COURTYARD
NOTE:
* WINDOWS ON SECONDARY FACADES ARE NOT TAGGED
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- WINDOWS ON SECONDARY FACADES ARE NOT TAGGED

COURTYARD SETBACK ELEVATION - PROPOSED WINDOWS
SECONDARY NON-VISIBLE FACADE

COURTYARD SETBACK ELEVATION - PROPOSED WINDOWS
SECONDARY NON-VISIBLE FACADE

COURTYARD SETBACK ELEVATION - PROPOSED WINDOWS
SECONDARY NON-VISIBLE FACADE

375 Riverside Drive Owners Inc.
375 Riverside Drive
New York, NY 10025

Proposed Window Master Plan
375 Riverside Drive
New York, NY 10025

DOE B-Scan Area
**WINDOW TYPE C - APPROXIMATE HISTORIC CONFIGURATION**

**WINDOW TYPE C - TYPICAL EXISTING CONFIGURATION**

**WINDOW TYPE C - PROPOSED KAWNEER 5450 SERIES WINDOW (DOUBLE HUNG - BEVEL FACE)**

**WINDOW TYPE D - APPROXIMATE HISTORIC CONFIGURATION**

**WINDOW TYPE D - TYPICAL EXISTING CONFIGURATION**

**WINDOW TYPE D - PROPOSED KAWNEER 5450 SERIES WINDOW (DOUBLE HUNG - BEVEL FACE)**

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**NOTE:** TYPE C WINDOWS ALSO OCCUR IN MIRRORED CONFIGURATION (NARROW WINDOW TO THE RIGHT)

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<th>Sheet No.</th>
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<tr>
<td>A-301.00</td>
<td>WINDOW DETAILS (TYPE C &amp; D ELEVATIONS)</td>
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</table>
1. HISTORIC TYPE A WINDOW SECTION
2. CURRENT TYPE A WINDOW SECTION
3. PROPOSED TYPE A WINDOW SECTION KAWNEER 5450 SERIES WINDOW (DOUBLE HUNG - BEVEL FACE)

NOTES:
- NEW BRICK-TO-BRICK ALUMINUM WINDOW FRAME INSTALLATION
- ONE-OVER-ONE DOUBLE HUNG ASSEMBLY, WITH CUSTOMIZED BRICK MOULD DETAILS

INTERIOR
EXTERIOR

SHEET NO. A-301.00 WINDOW DETAILS

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A - HISTORIC WINDOW PLAN SECTION

B - EXISTING WINDOW PLAN SECTION

C - PROPOSED WINDOW PLAN SECTION

PLAN SECTION DETAILS (WINDOW TYPES A & B)