



NANDINEE PHOOKAN ARCHITECTS

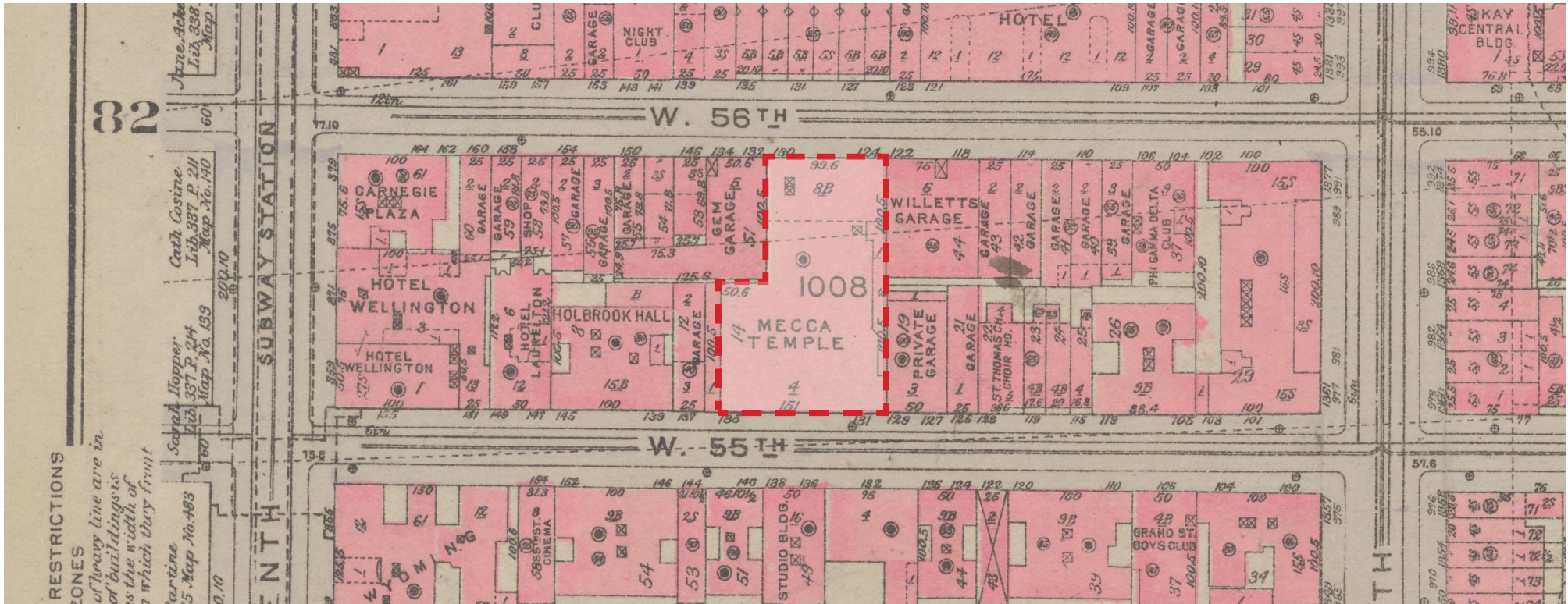
New York City Center - Chiller Replacement

Manhattan Community Board 5
October 21, 2025

REPLACEMENT OF ROOF TOP CHILLER AND
RENOVATION OF HVAC SYSTEM SERVING THREE
DANCE STUDIOS ON 4TH, 5TH AND 6TH FLOORS

- NEW LOUVERS AT BLIND WINDOWS ON THE 56TH STREET FACADE
- REPLACEMENT CHILLER ON THE ROOF AND LOUVER AT BUILDING COURTYARD WILL NOT BE VISIBLE FROM THE STREET





01. Excerpt Of Plate 83, Land Book Of The Borough Of Manhattan, GW Bromley & Co,



02. Borough Map



03. Aerial View of Site, Google Earth, Accessed 2025



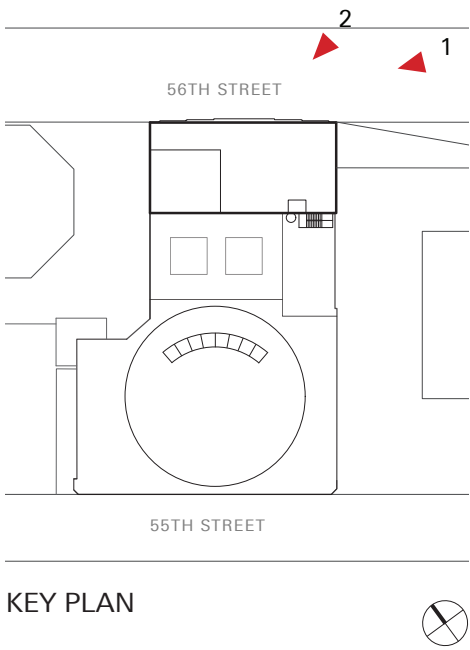
04. 1940 Tax Photo of Adjacent Property

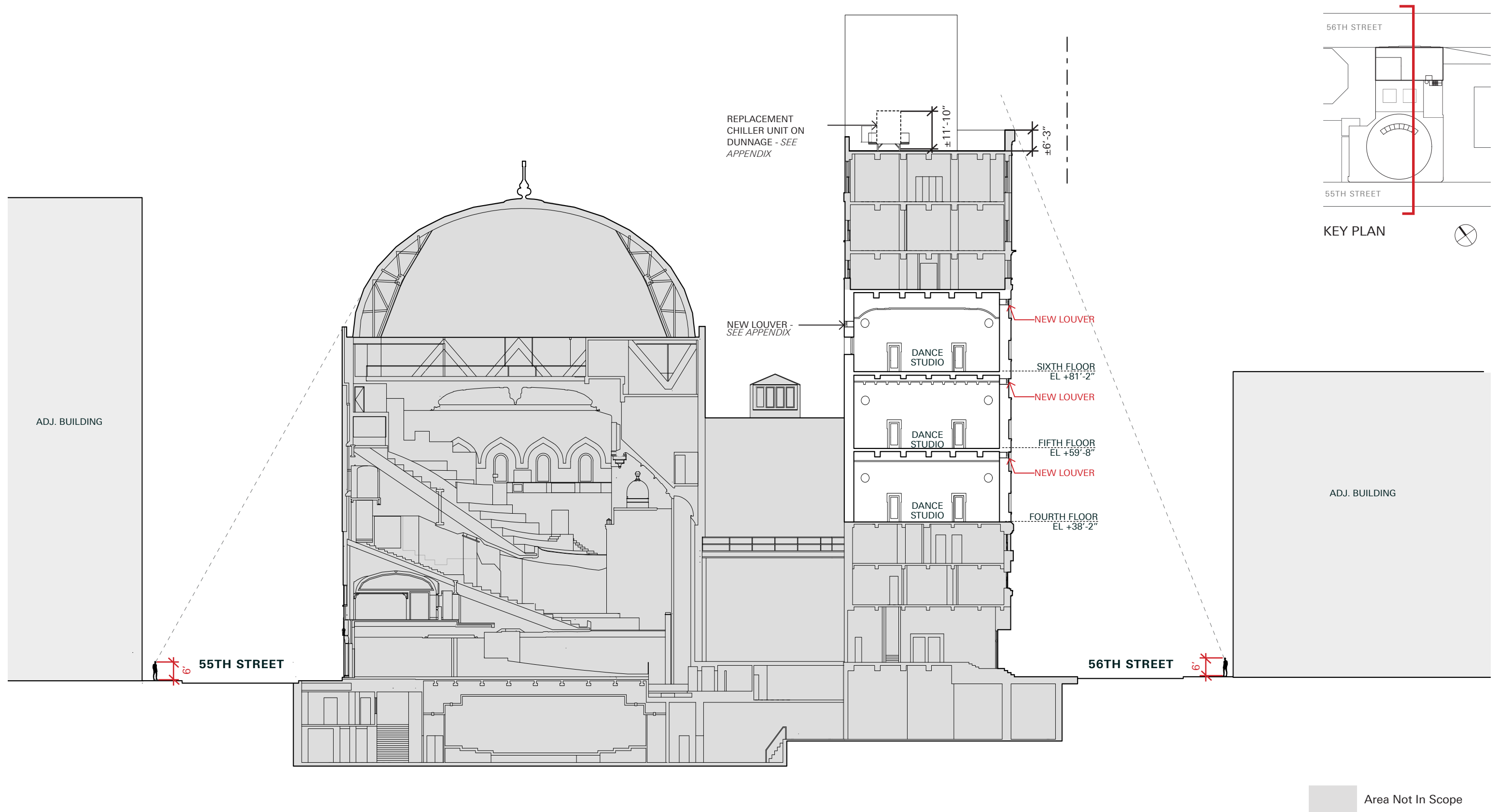


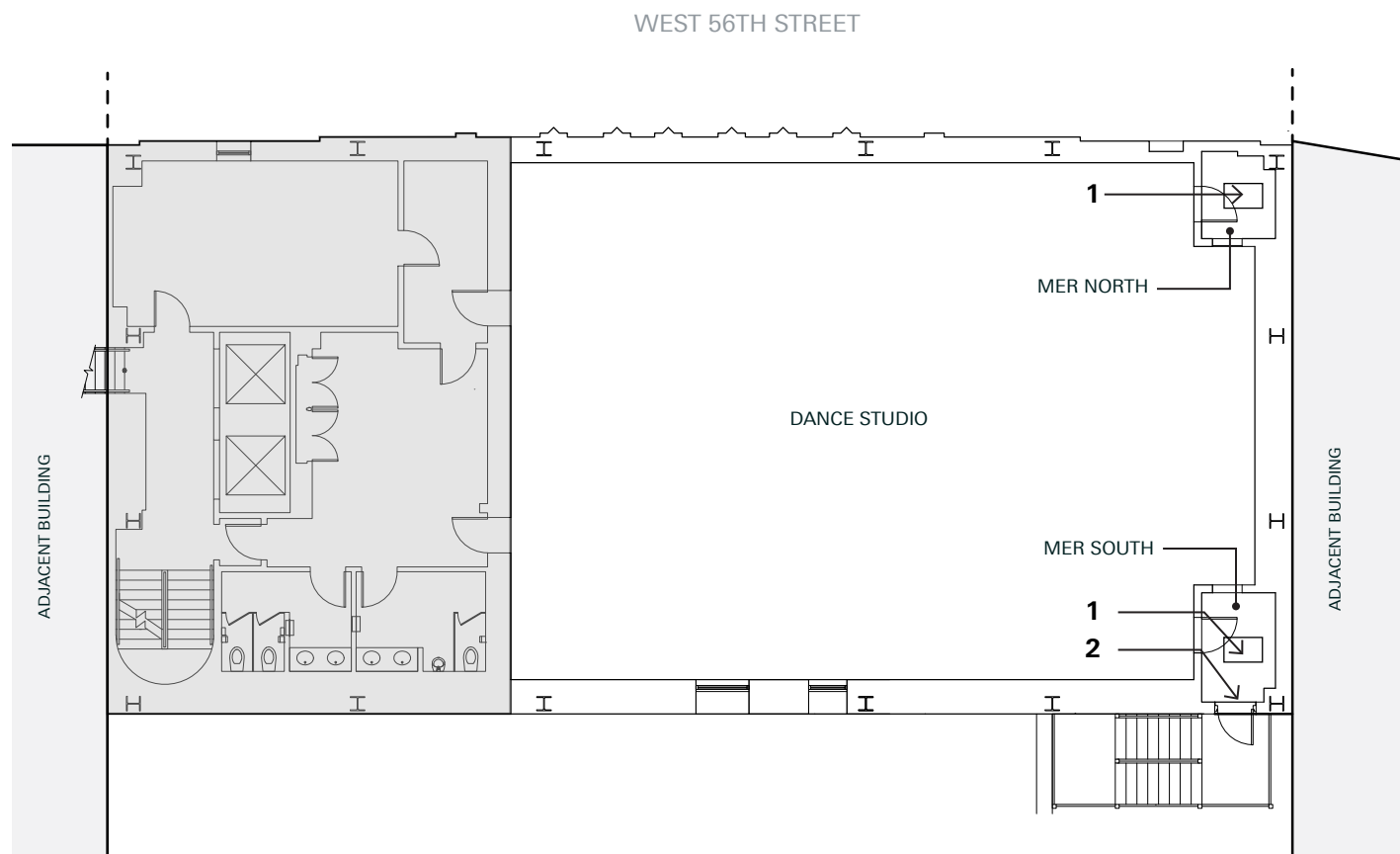
1. 56TH STREET - VIEW FROM NORTH EAST CORNER



2. 56TH STREET : FRONT VIEW







EXISTING PLAN - 4TH,5TH, 6TH FLOORS

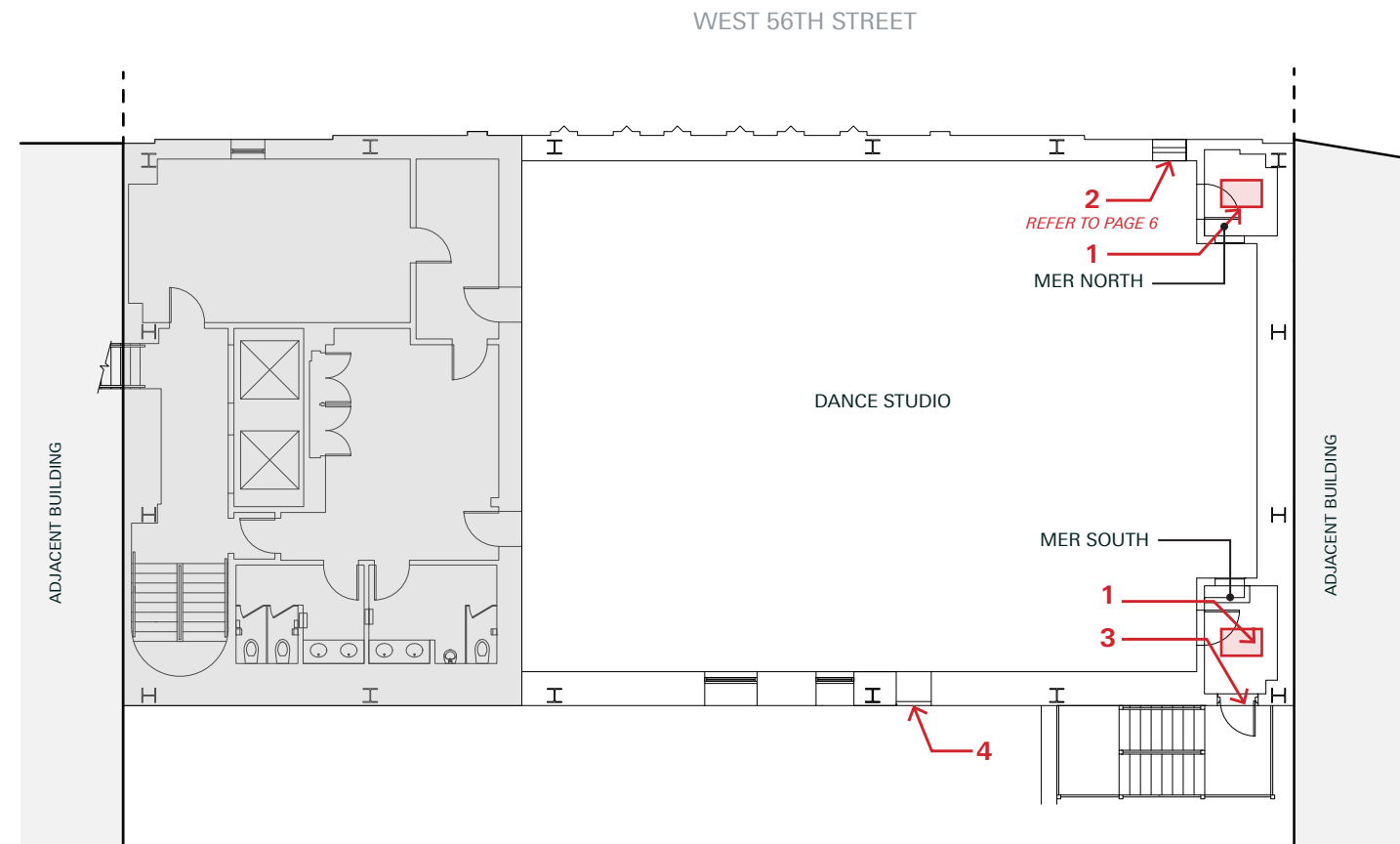
0' 5' 10' 20'



Legend

1. EXISTING AIR HANDLING UNIT - MOUNTED HIGH
2. EXISTING FRESH AIR INTAKE

 Area Not In Scope



PROPOSED PLAN - 4TH,5TH, 6TH FLOORS

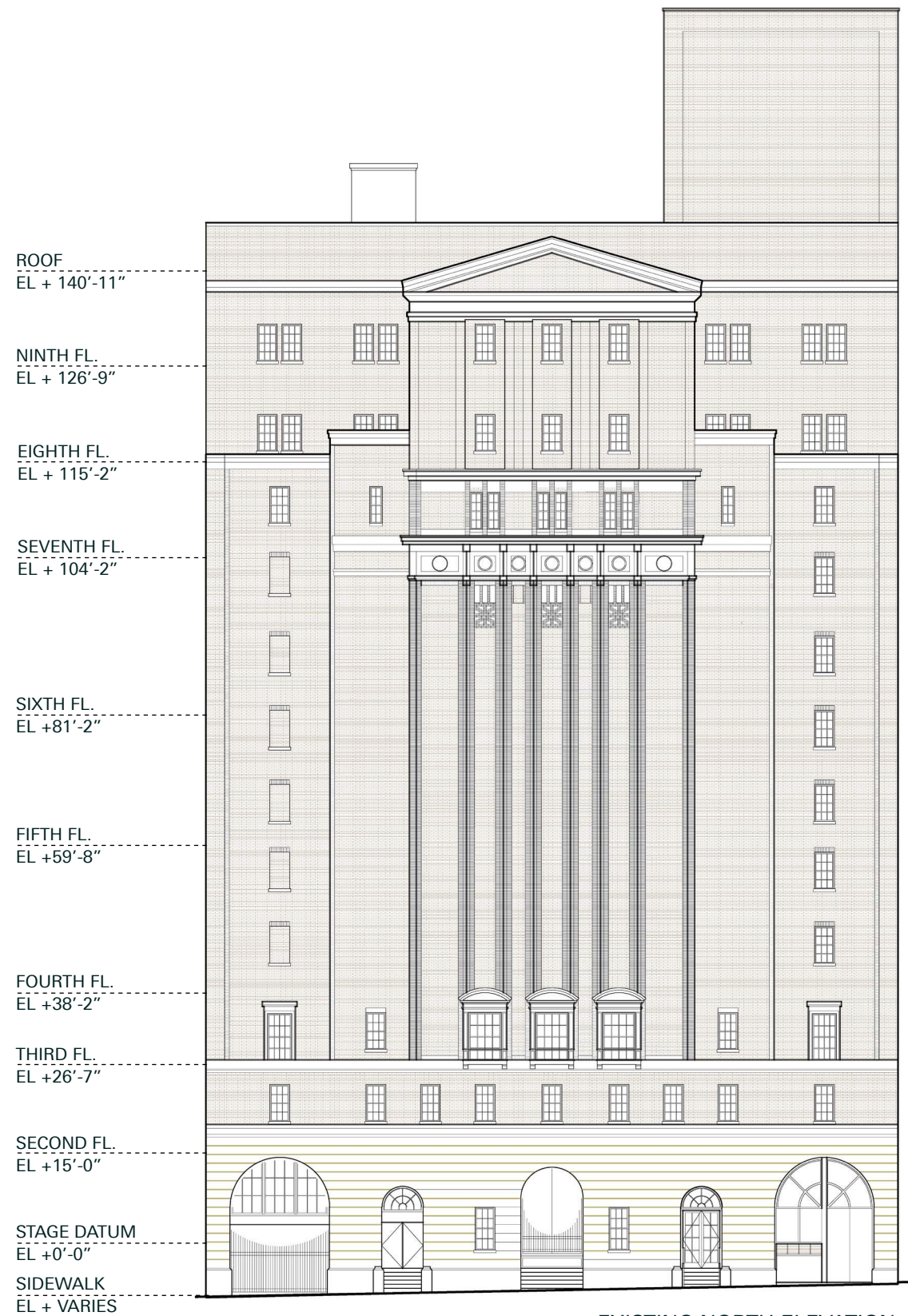
0' 5' 10' 20'



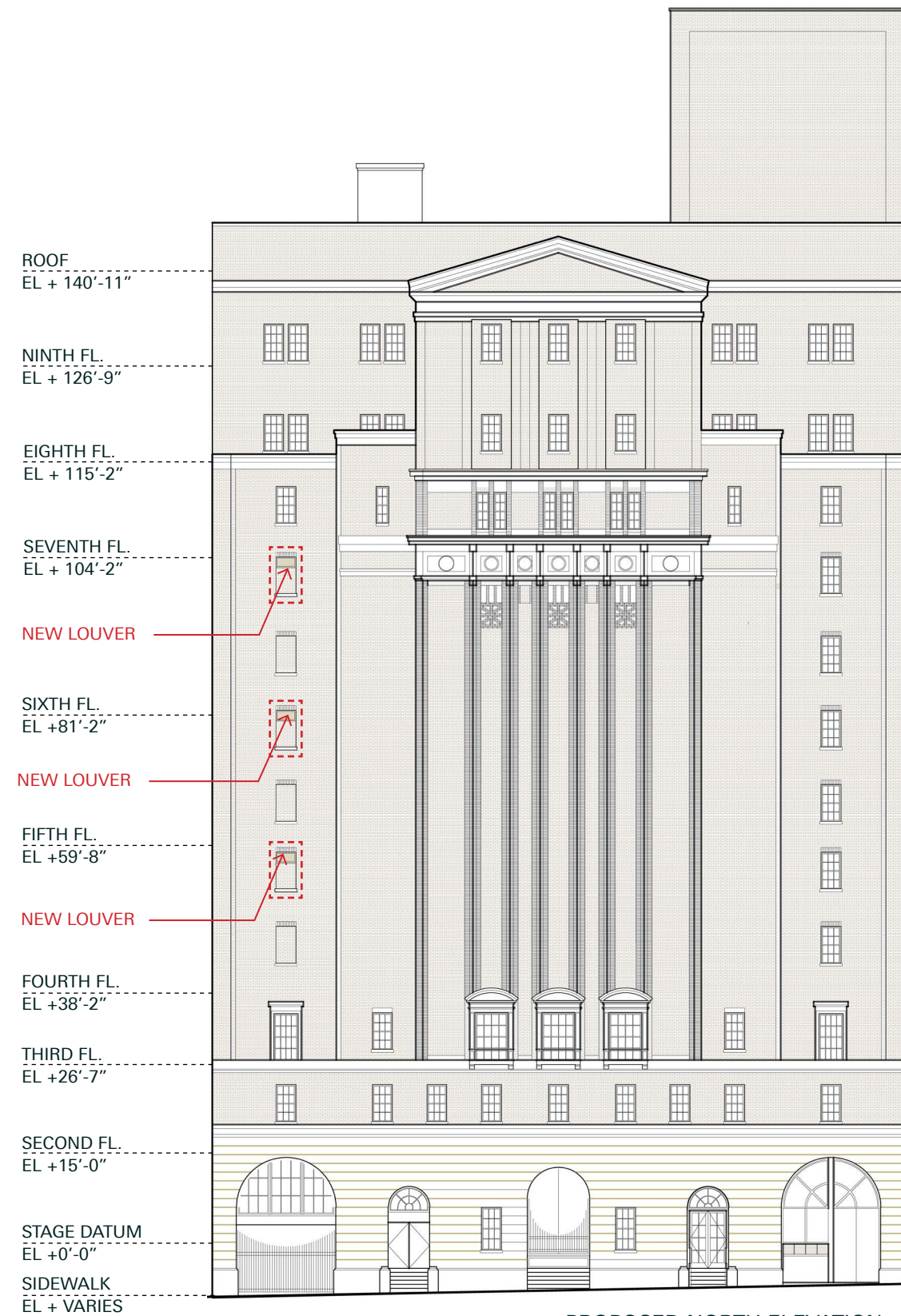
Legend

1. NEW AIR HANDLING UNIT - MOUNTED HIGH
2. NEW FRESH AIR INTAKE LOUVER - NEW MASONRY OPENING IN EXISTING BLIND WINDOW
3. REPLACEMENT FRESH AIR INTAKE LOUVER - EXISTING MASONRY OPENING
4. NEW RELIEF AIR LOUVER AT 6TH FLOOR ONLY - NEW MASONRY OPENING

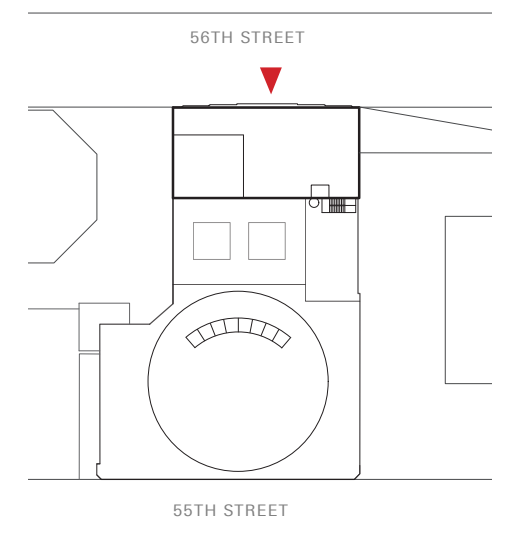
 Area Not In Scope



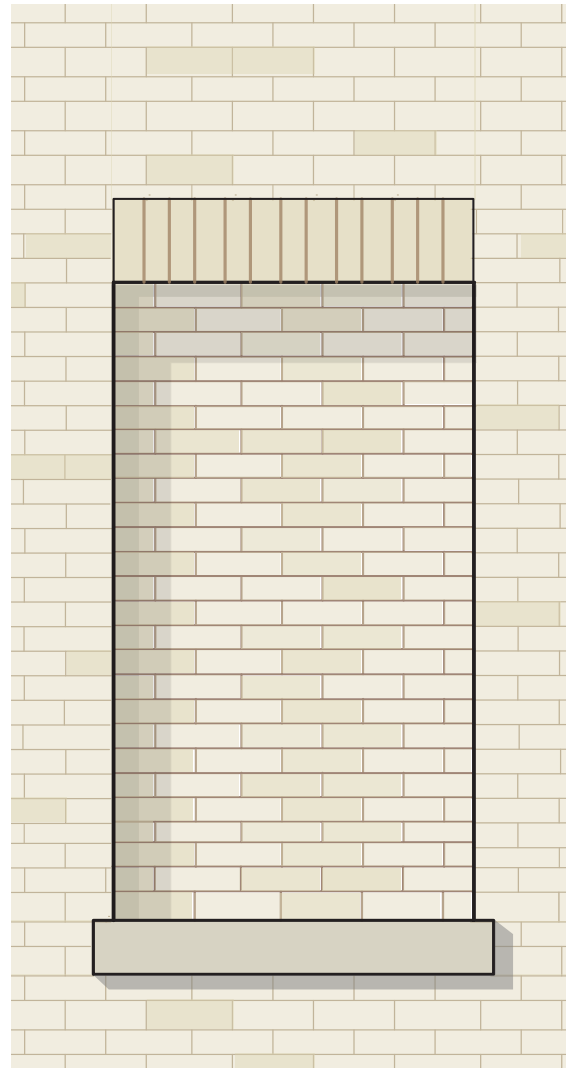
EXISTING NORTH ELEVATION



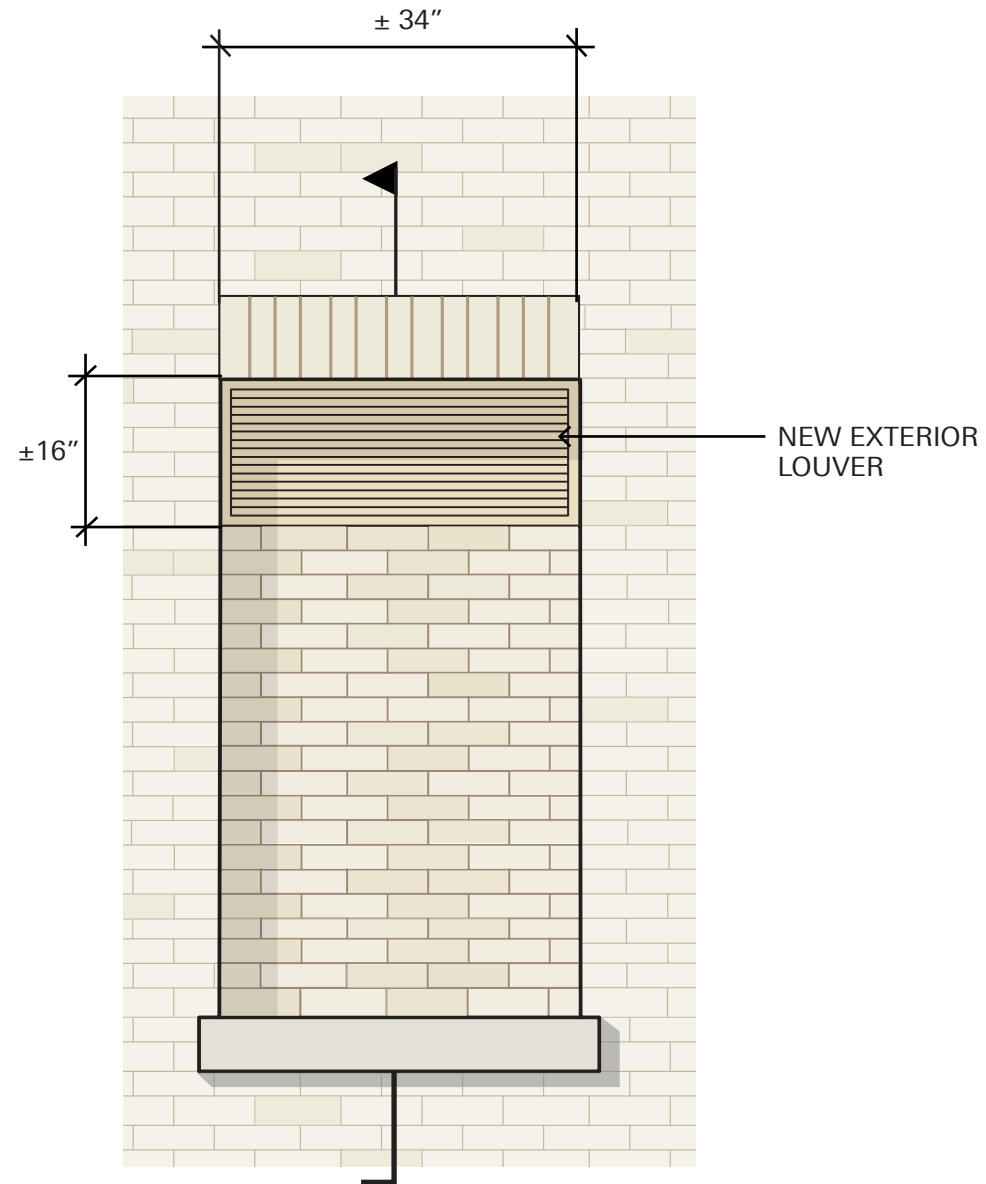
PROPOSED NORTH ELEVATION



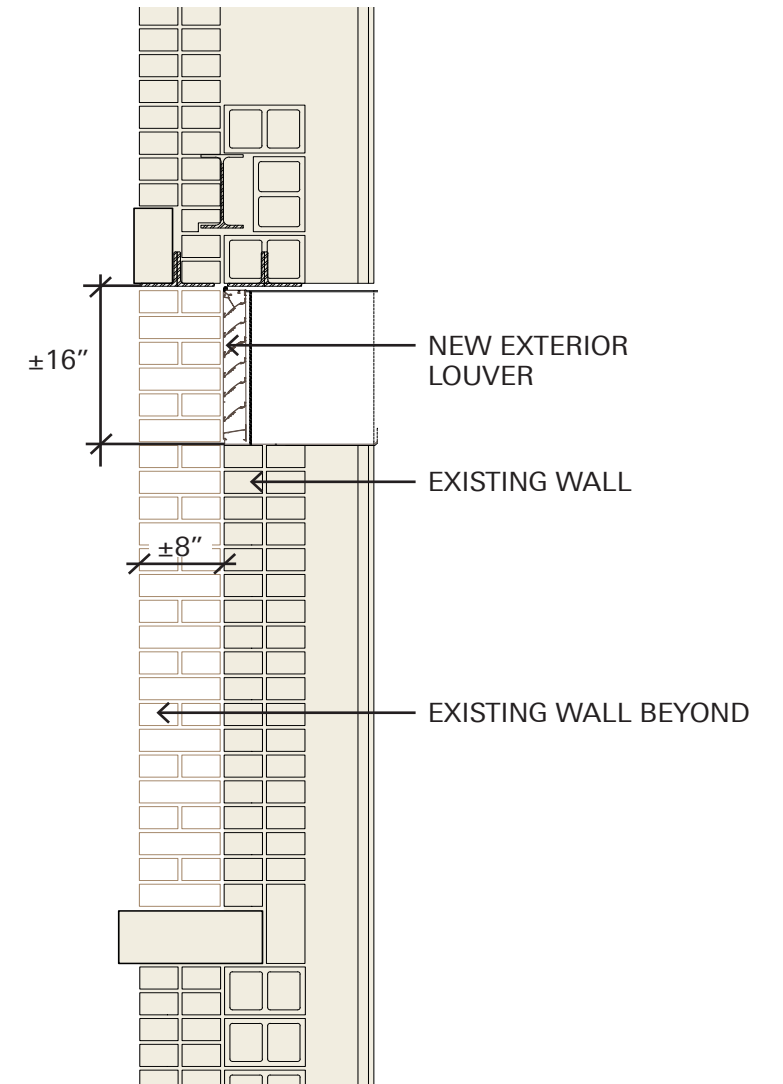
KEY PLAN



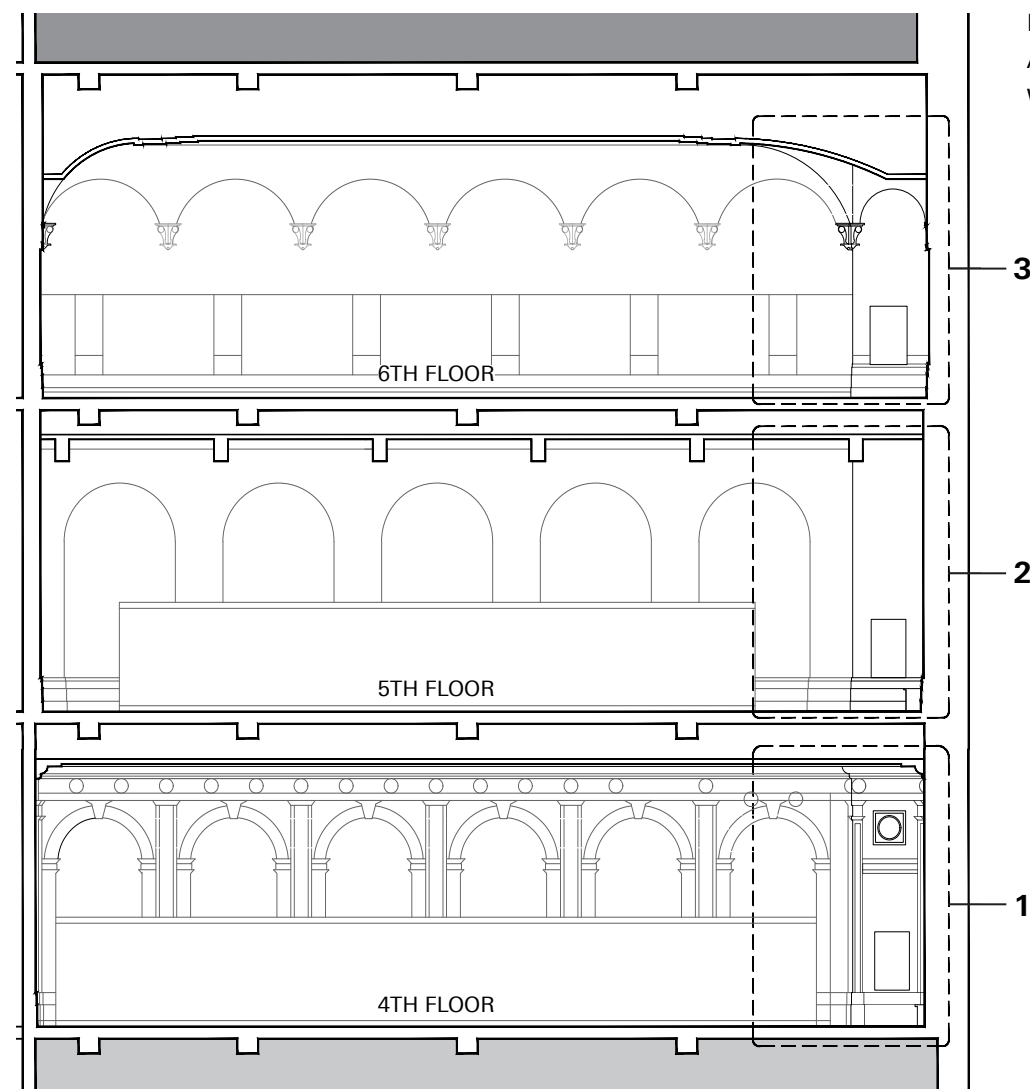
EXISTING BLIND WINDOW - NORTH



PROPOSED LOUVER AT TOP OF BLIND WINDOW



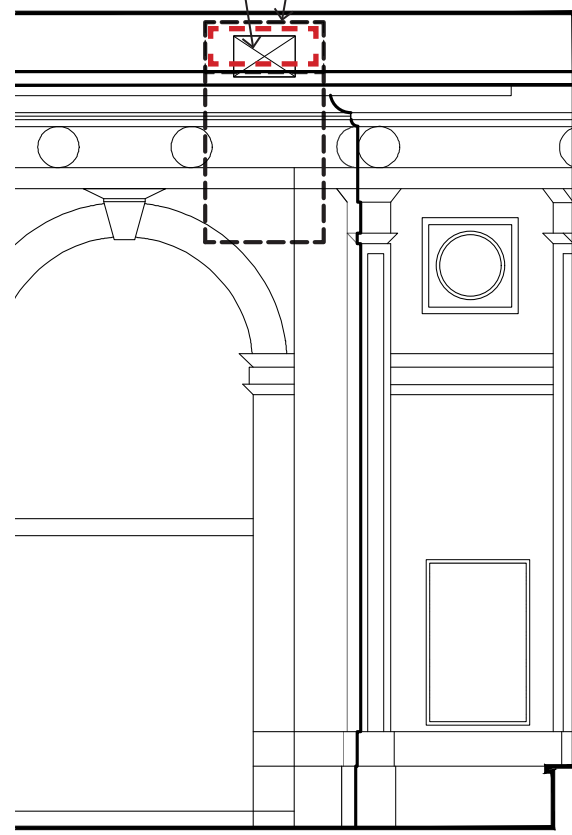
PROPOSED SECTION



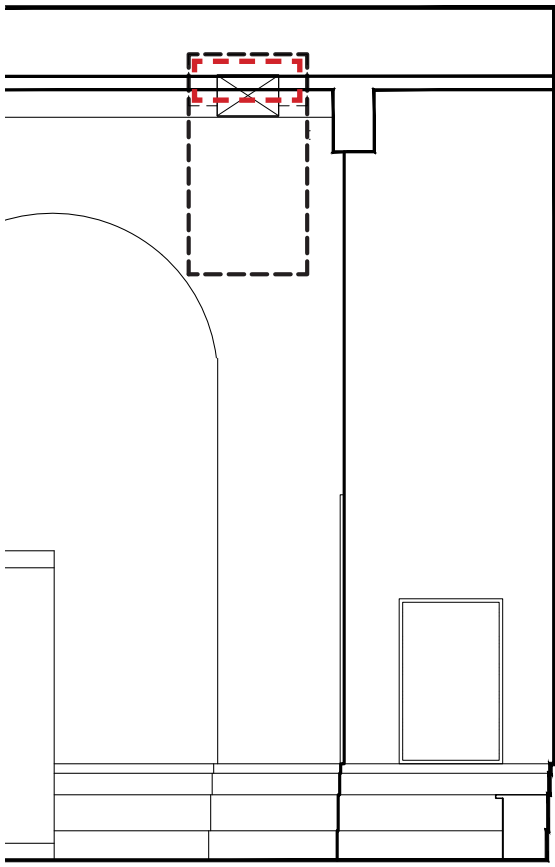
INTERIOR ELEVATION OF NORTH WALL AT FLOORS 4, 5 AND 6

PROPOSED LOUVER
AT TOP OF BLIND
WINDOW

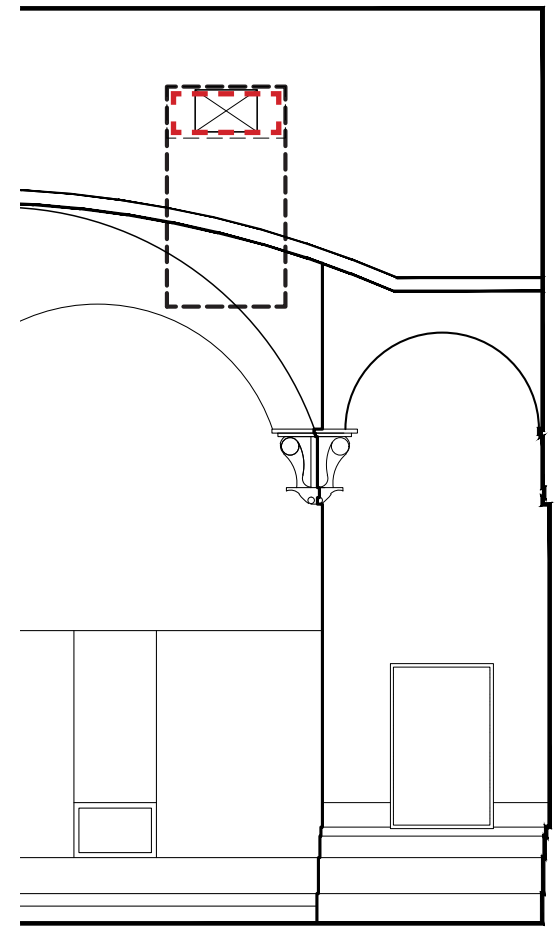
EXISTING BLIND
WINDOW BEYOND



1. 4TH FLOOR - DANCE STUDIO



2. 5TH FLOOR - DANCE STUDIO



3. 6TH FLOOR - DANCE STUDIO

Model 1302
1 3/8" (34.9 mm) Thinline High Performance Air Conditioning Louver

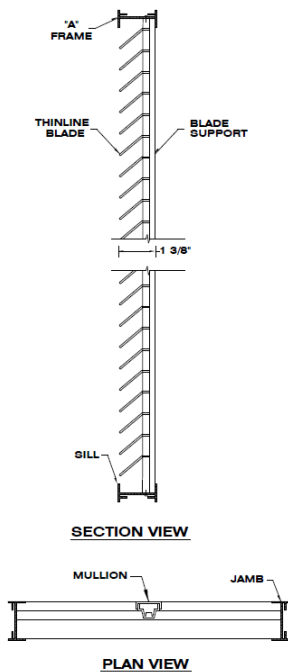
Material:

Material:	6063-T6 Alloy
Nominal Thickness (heads, sills, jambs, & mullions):	0.040" (1.02 mm)
Nominal Blade Thickness:	0.050" (1.27 mm)
Furnished With:	Birdscreen: ½" (12.7mm) intercrimp aluminum mesh, 0.063" (1.60 mm) diameter wire removeable aluminum bird screen in an aluminum frame
Additional Options (at additional cost):	Insect screen (in lieu of bird screen), Continuous clip angles for attachment Sheet blank off, Insulated blank off Sill pans, Flange frames Integrated glazing frames

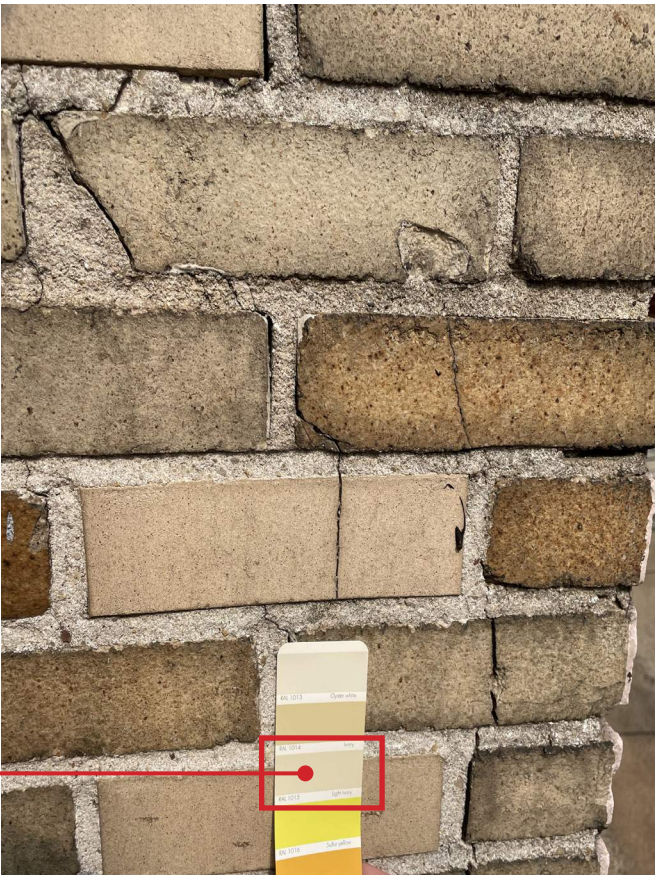
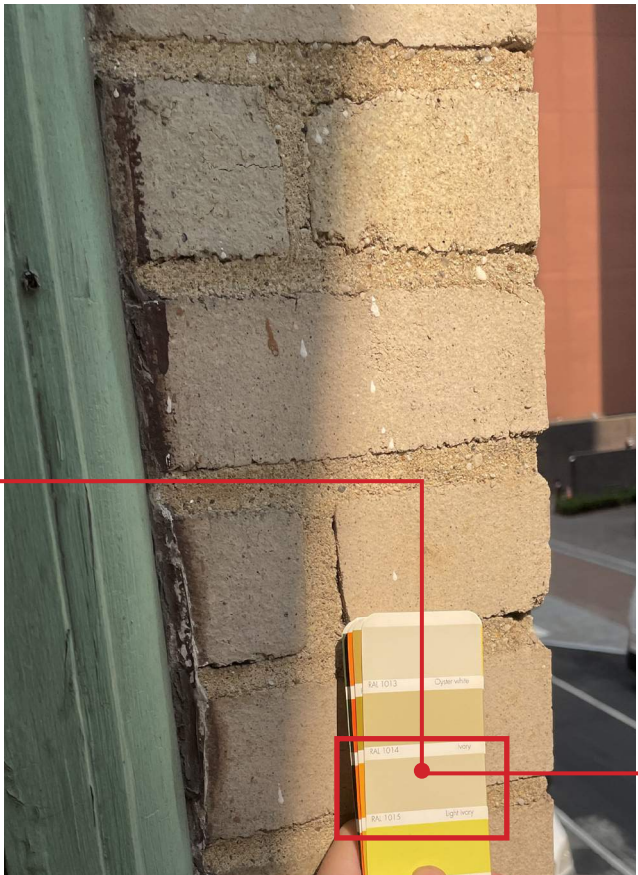


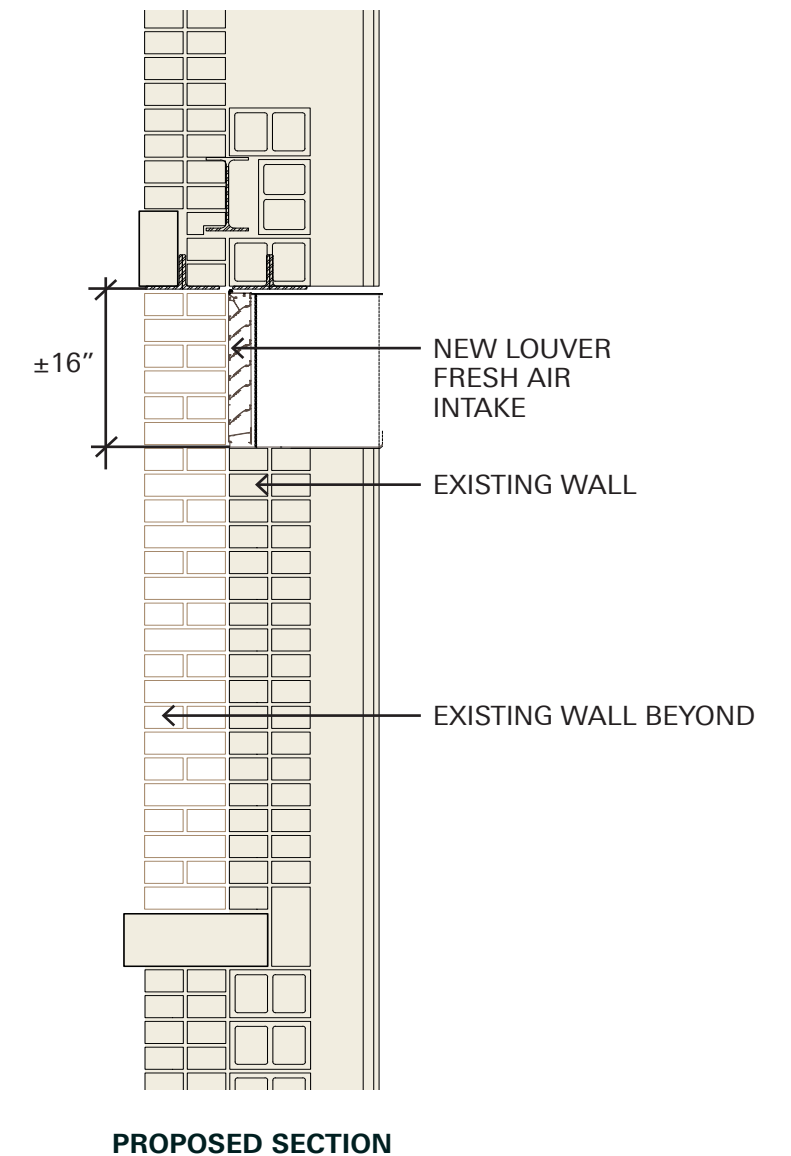
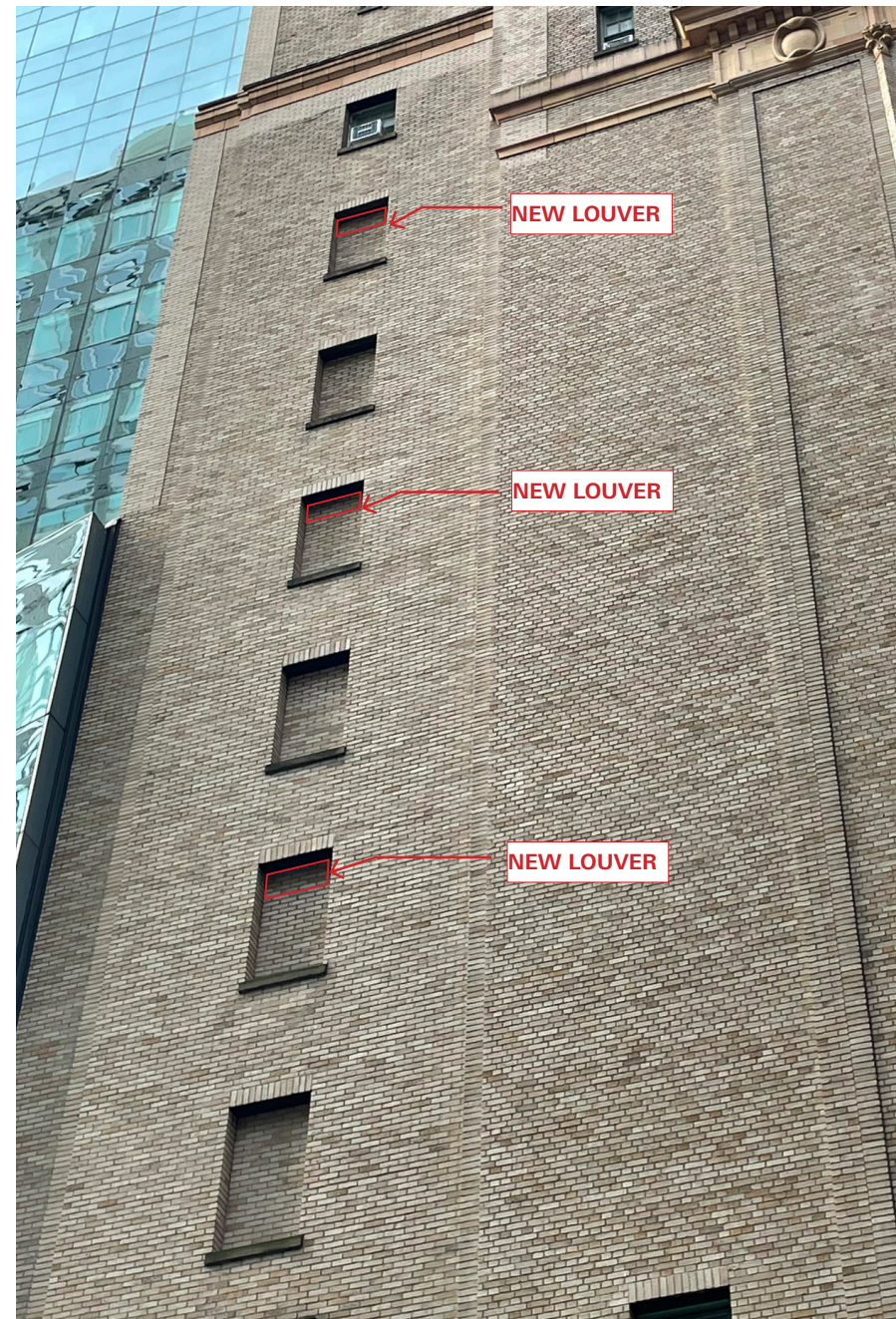
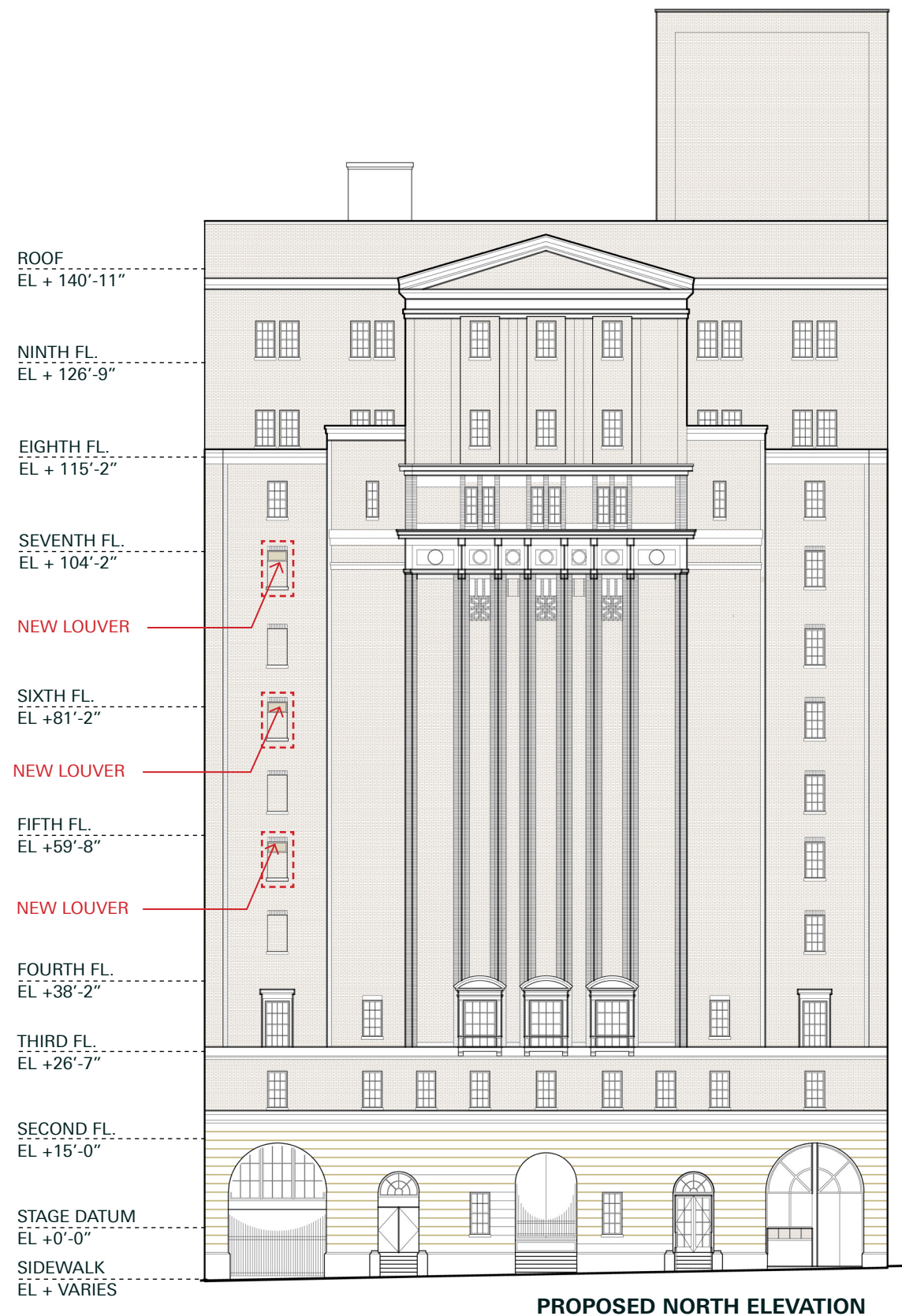
Test Summary:
For a 4 Foot by 4 Foot Unit.
Tested with mill finish and no screen

- Free area = 9.29 ft² (0.863 m²)
- Percent free area = 58.1%
- Maximum recommended air intake velocity = 700 FPM (3.56 m/s)
- Intake pressure drop at 700 FPM free area velocity = 0.06 in H₂O (14.9 Pa)



PRIMARY FACADE PROPOSED
LOUVER COLOR :
RAL 105 LIGHT IVORY







NANDINEE PHOOKAN ARCHITECTS

Contact Information

**For project inquiries, contact the NYC
Department of Design and Construction:**

**DDC Office of Community Outreach and Notification
(OCON)**

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