EXISTING NORTH ELEVATION

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12 Proposed Window Specifications

15 Proposed Condensing Unit Specifications


PROJECT DESCRIPTION

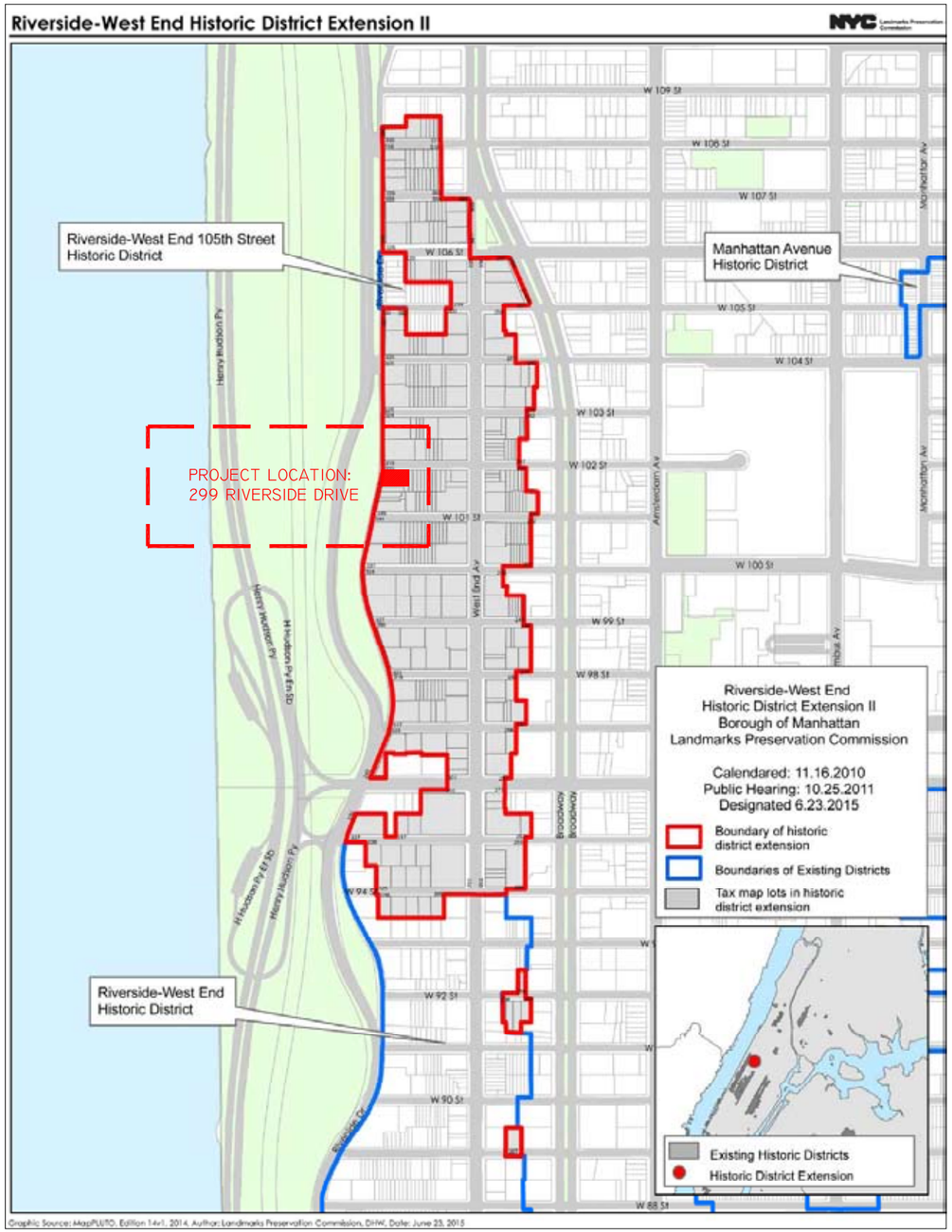
We propose to install a new central air conditioning system with a thru-window condensing unit within an existing window opening and replace the existing aluminum tilt-turn window with a new window to match. The exterior finish will match the building windows.

We propose to remove an existing metal infill panel to restore the window opening to its original width, masonry to masonry.

The replacement window is to be located above the proposed through-window condensing unit and within the existing masonry opening.

We believe this is a reasonable request as there are several windows on the north facade with single panes, and numerous on the west facade with single panes and Air Conditioning Units incorporated.

HISTORIC, EXISTING AND PROPOSED FACADE COMPARISON




PROJECT LOCATION
RIVERSIDE - WEST END HISTORIC DISTRICT EXTENSION II

1940 TAX ID PHOTO

PHOTO - EXISTING NORTH ELEVATION

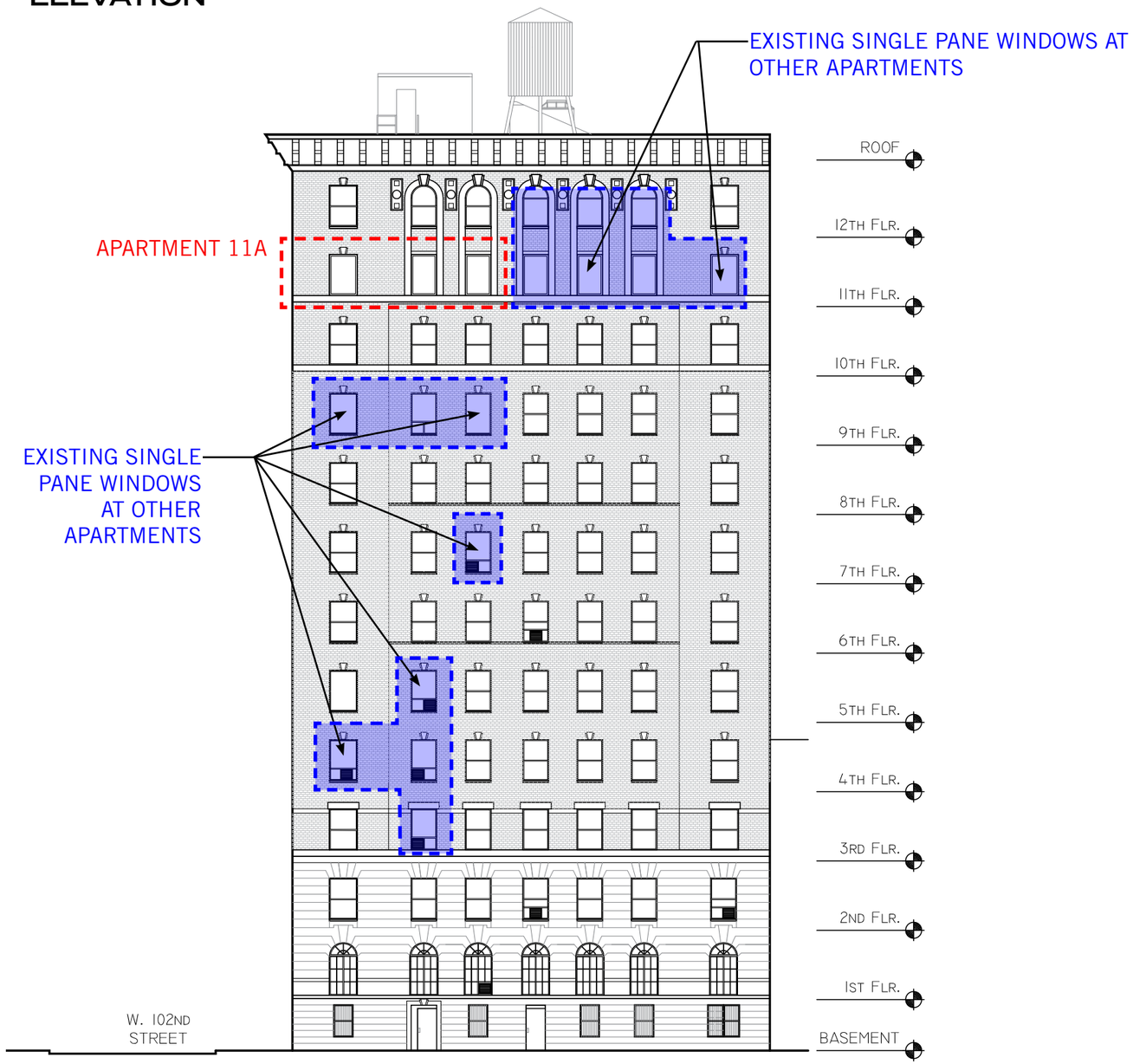
PHOTO - EXISTING WEST ELEVATION

EXISTING NORTH ELEVATION

PROPOSED NORTH ELEVATION

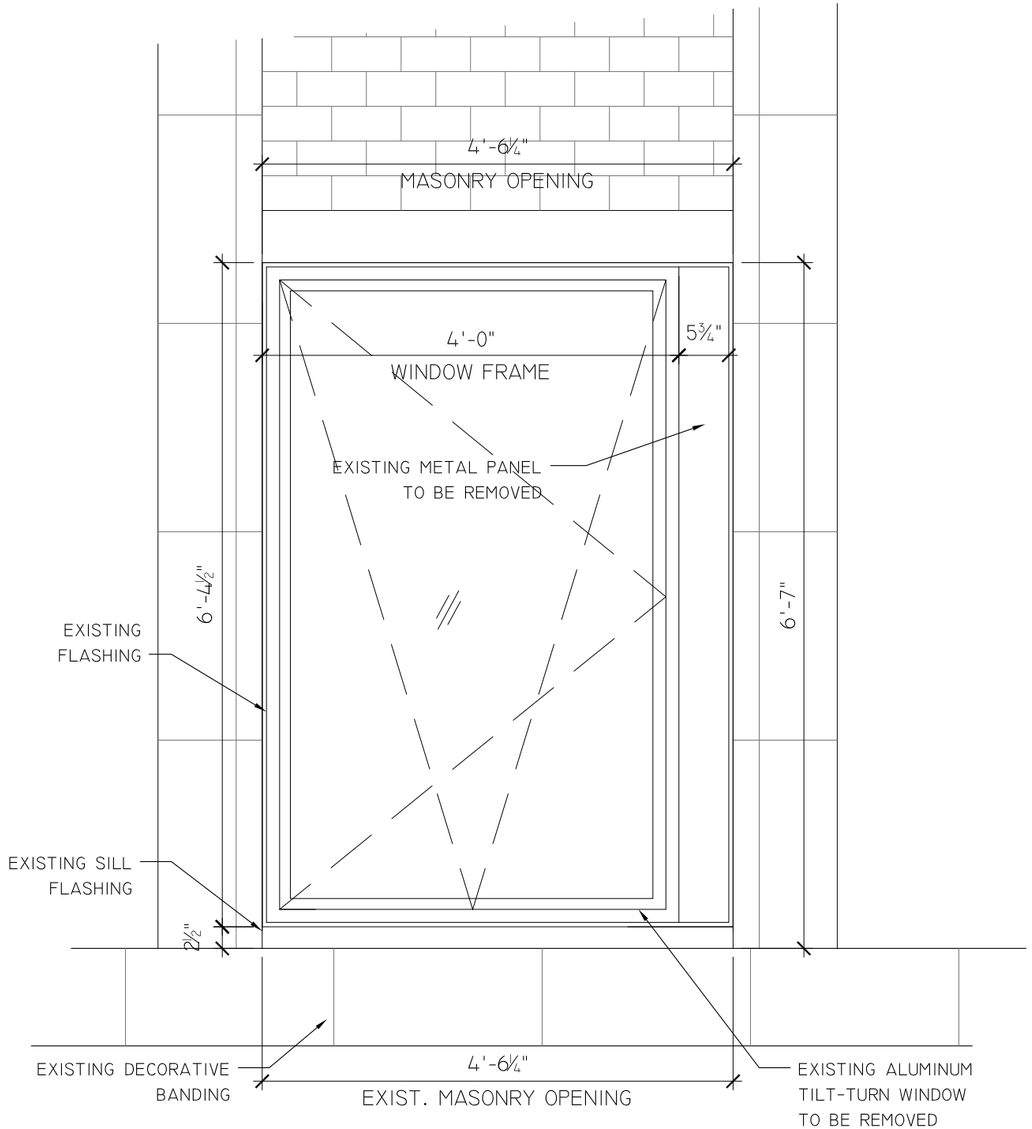
# EXISTING AND PROPOSED BUILDING ELEVATIONS

**NOTE: NO WORK PROPOSED THIS ELEVATION**

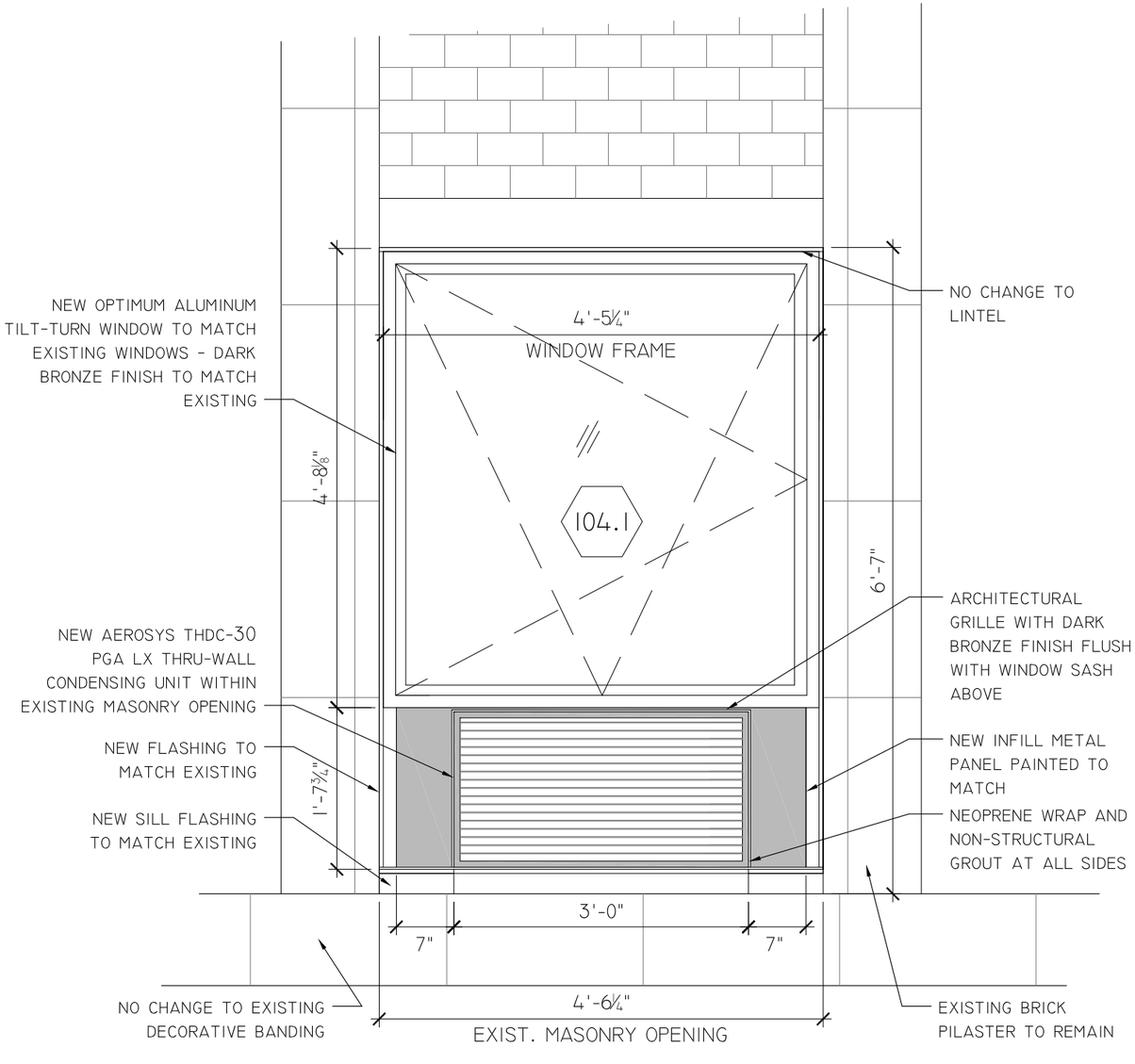



EXISTING WEST ELEVATION

EXISTING BUILDING ELEVATION

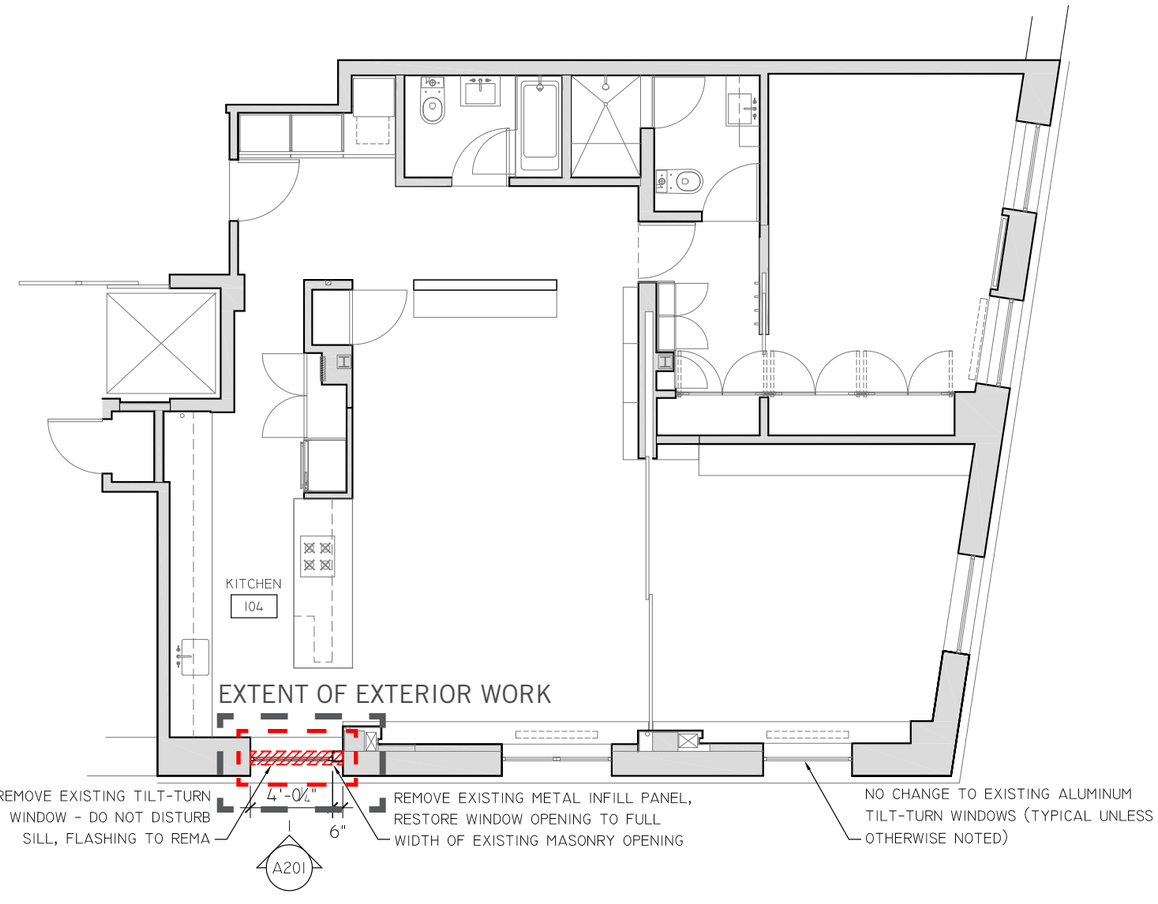



DETAIL NORTH ELEVATION
EXISTING WINDOW

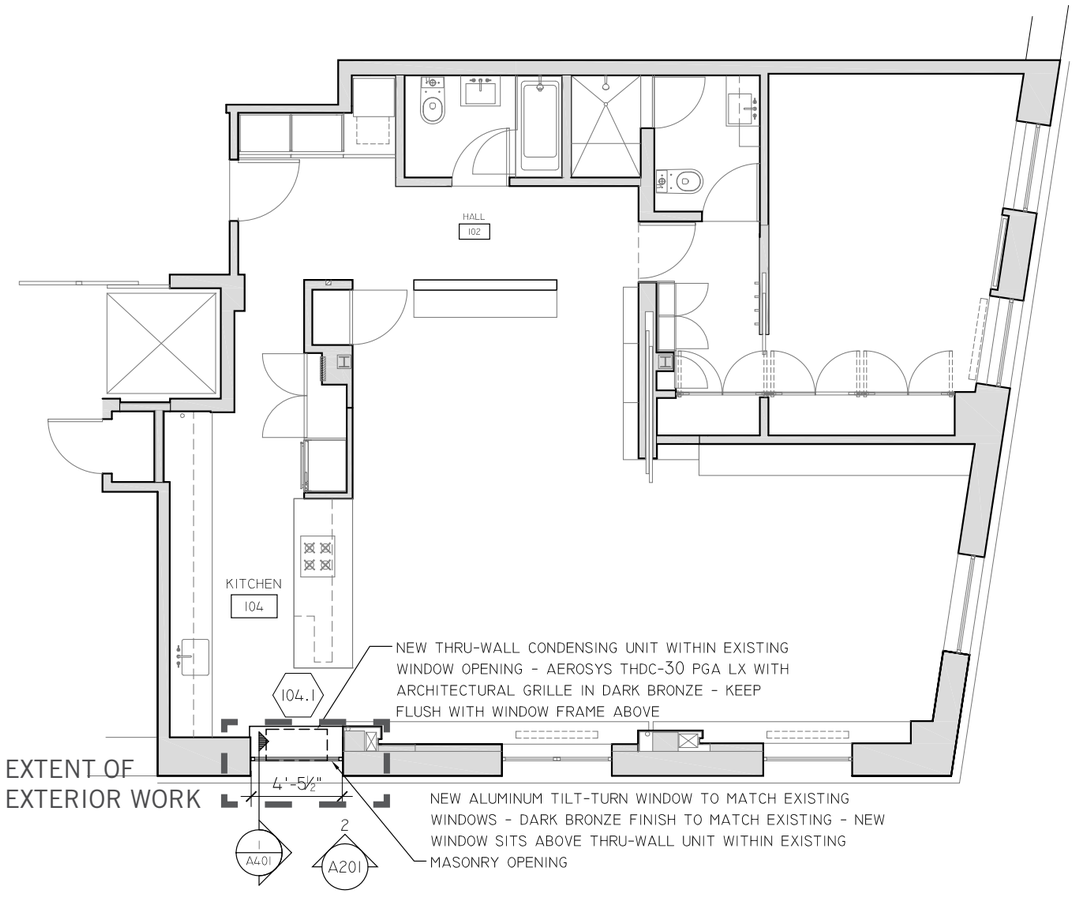



DETAIL NORTH ELEVATION
PROPOSED WINDOW AND CONDENSING UNIT

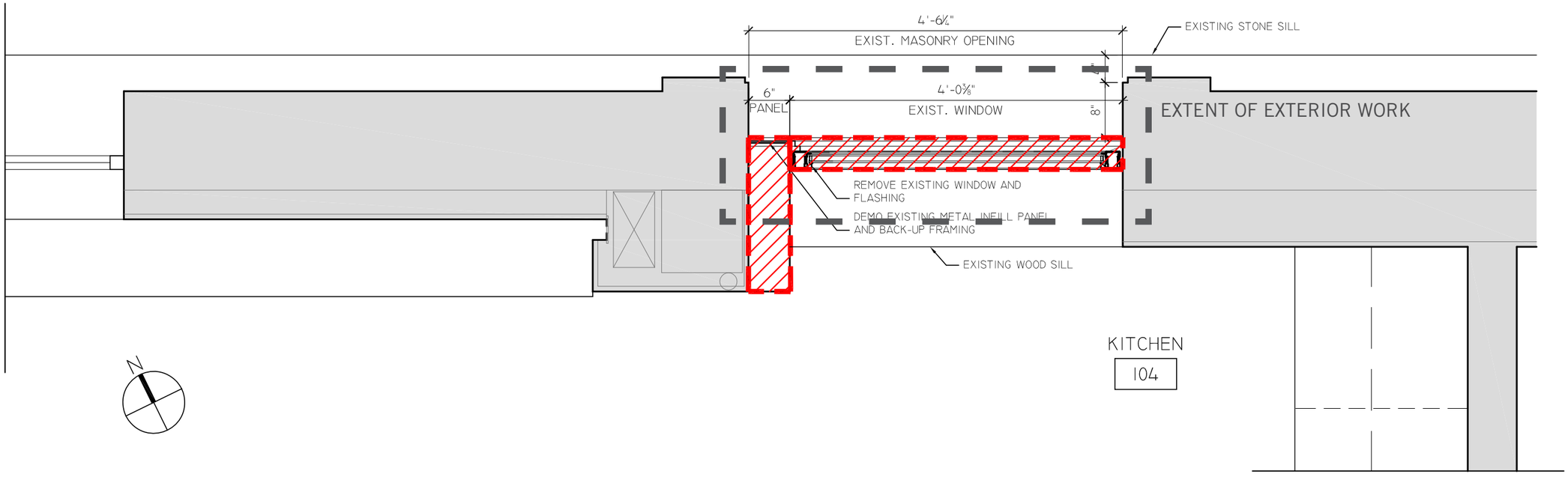
# EXISTING AND PROPOSED DETAIL ELEVATIONS




EXISTING AND DEMO PLAN



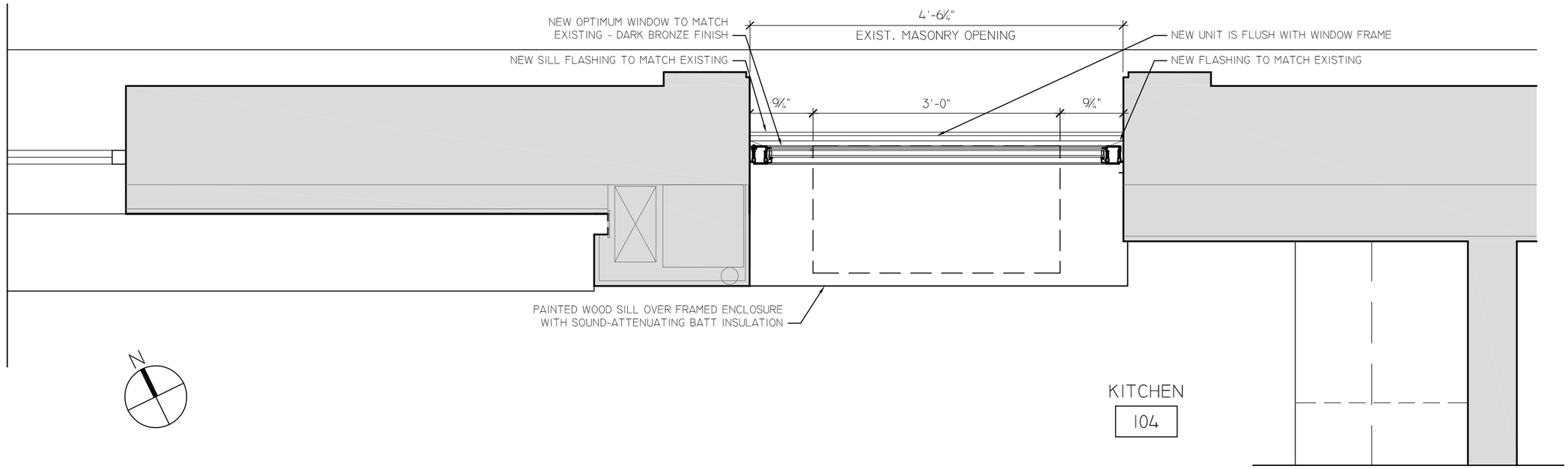

PROPOSED PLAN



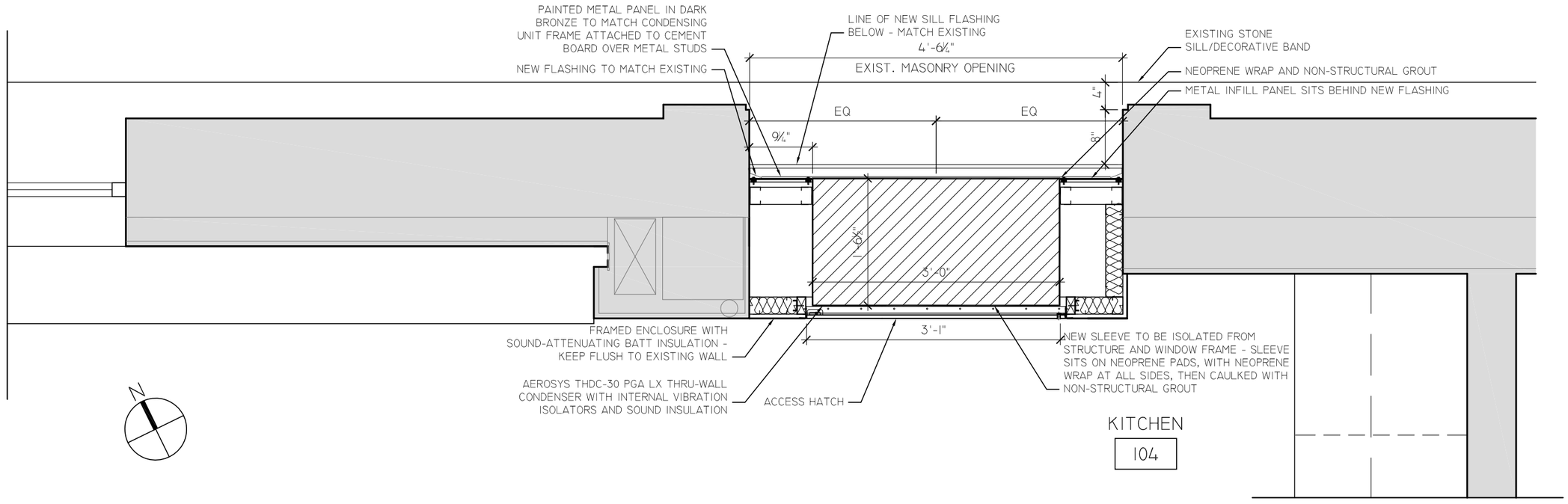

EXISTING AND DEMO DETAIL PLAN

EXISTING DETAIL PLAN

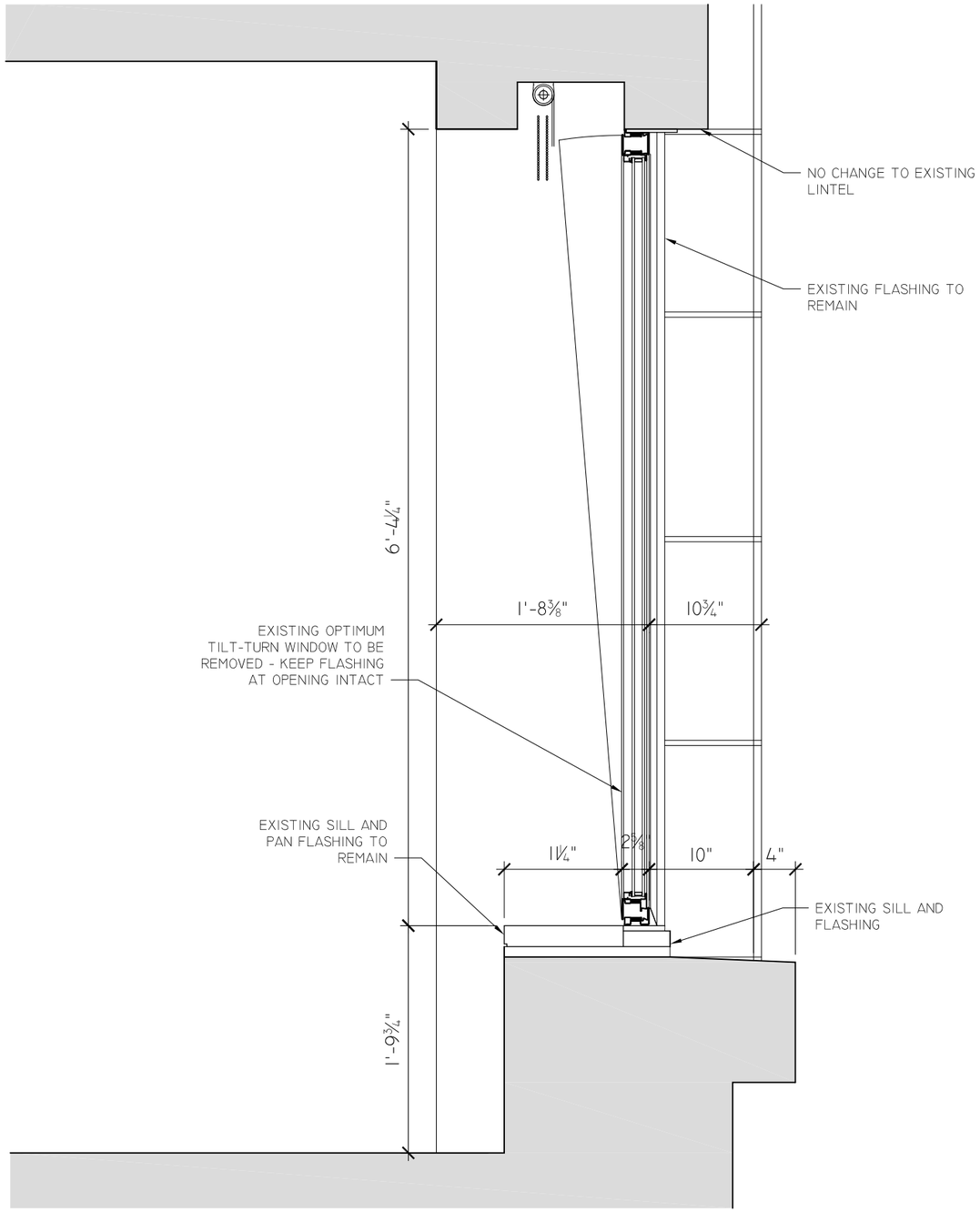
8



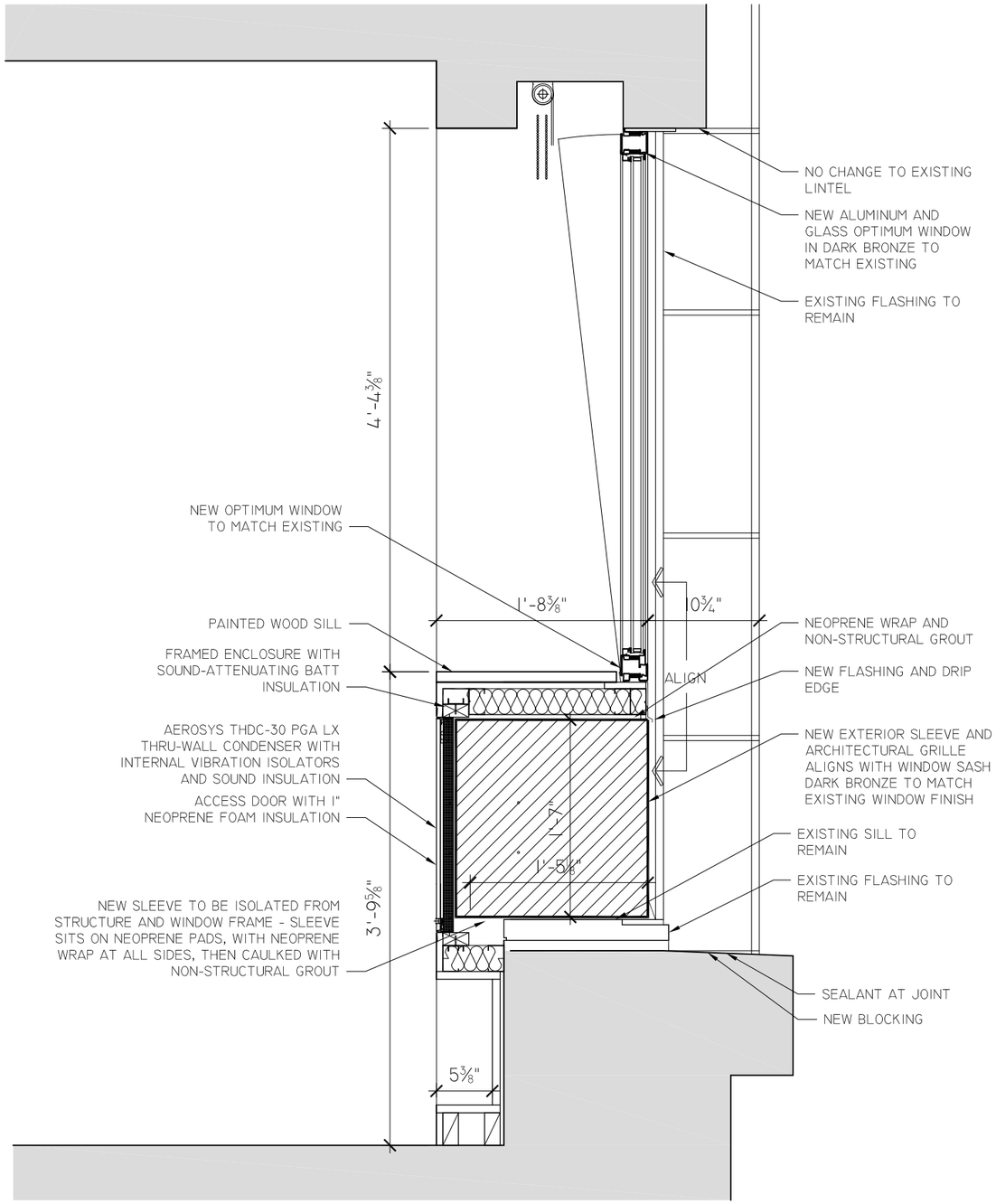

PROPOSED DETAIL PLAN AT LEVEL OF WINDOW




PROPOSED DETAIL PLAN AT LEVEL OF CONDENSING UNIT




EXISTING SECTION THROUGH WINDOW




PROPOSED SECTION THROUGH NEW WINDOW AND CONDENSING UNIT

## EXISTING AND PROPOSED DETAIL SECTIONS

VIEW OF EXISTING WINDOW AND FLASHING - DARK BRONZE

VIEW OF EXISTING LOWER WINDOWS - DARK BRONZE

# METRO

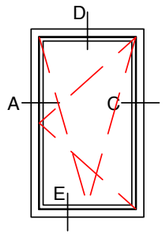
## Typical Exterior Elevations

# 680-T&T SERIES

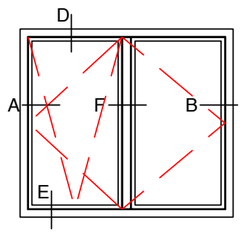
**INSWING TILT & TURN / FIXED**

Scale: Not To Scale

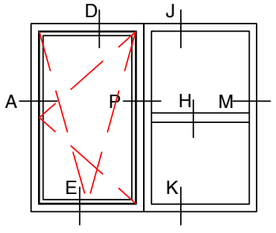




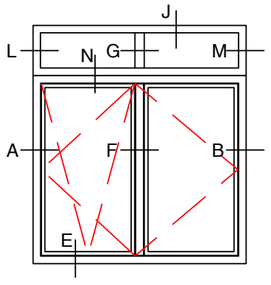

680-11-TT




680-21-FR-TT
*SECONDARY UNABLE
TO TILT




680-22-TT-FX




680-22-FR-TT-FX
*SECONDARY UNABLE
TO TILT

OPTIMUM WINDOW
28 Canal Street, Ellenville, NY 12428
Phone (845) 647-1900

# METRO

## Typical Details

# 680-T&T SERIES

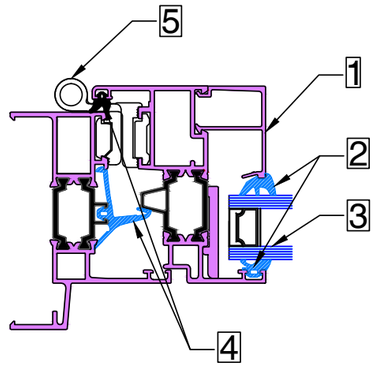
**INSWING TILT & TURN / FIXED**

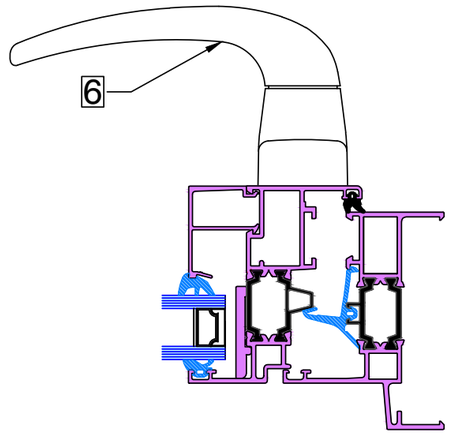
Scale: Half Scale



## KEY (TYPICAL)

1. SNAP IN ALUMINUM GLAZING BEAD
2. WEDGE GASKET
3. 1" GLASS AND GLAZING (BY OTHERS)
4. WEATHER STRIPPING
5. METRO TILT & TURN HINGE
   *TILT & TURN HARDWARE IS CONCEALED
6. METRO HANDLE



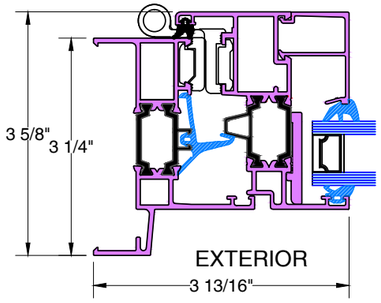

OPTIMUM WINDOW
28 Canal Street, Ellenville, NY 12428
Phone (845) 647-1900

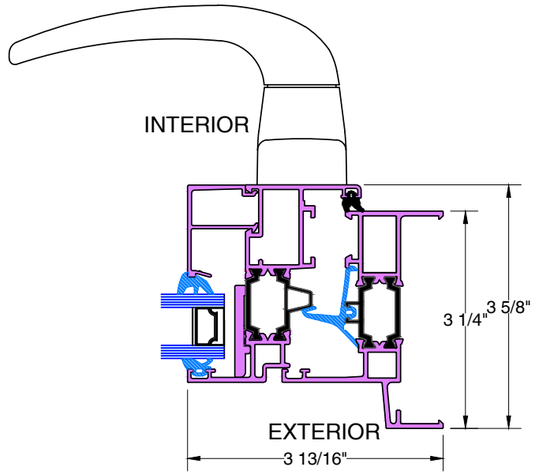
# METRO 680-T&T SERIES

## Typical Details

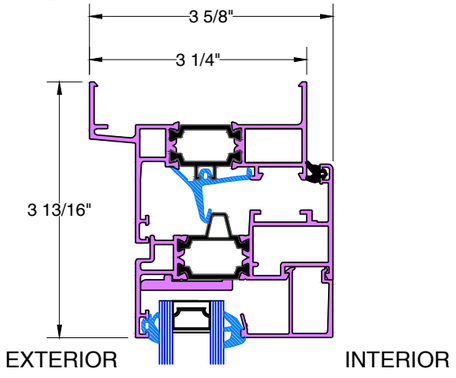
**INSWING TILT & TURN / FIXED**
Scale: Half Scale



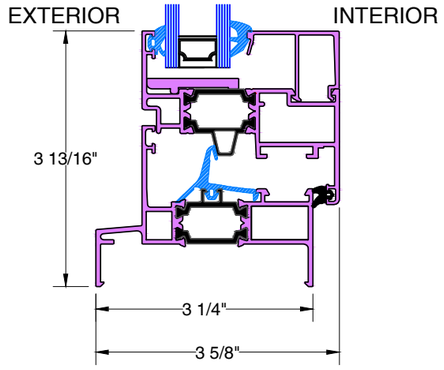



### A&B TYPICAL HINGED JAMB




### C TYPICAL LOCKING JAMB




### D TYPICAL HEAD

### E TYPICAL SILL

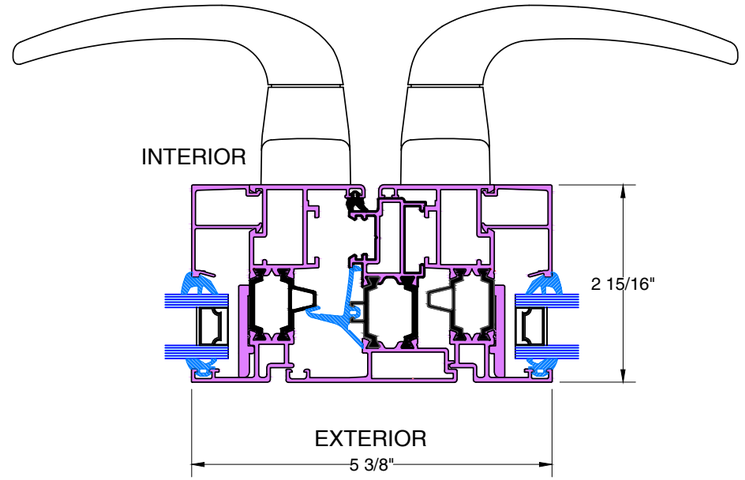
OPTIMUM WINDOW
28 Canal Street, Ellenville, NY 12428
Phone (845) 647-1900

METRO 680-T&T SERIES

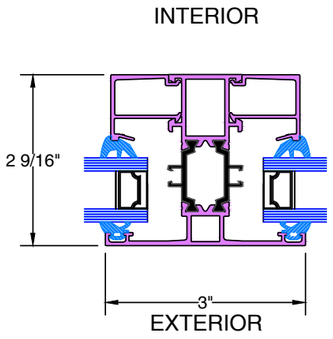
Typical Details

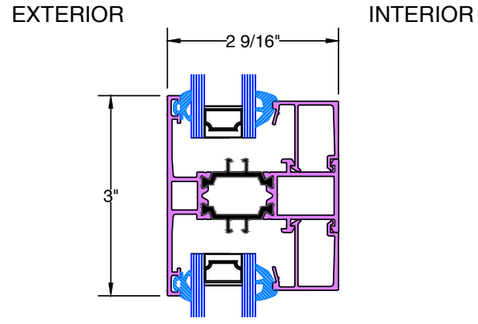
INSWING TILT & TURN / FIXED
Scale: Half Scale






### F TYPICAL FRENCH MEETING RAIL




### G TYPICAL VERTICAL MUNTIN

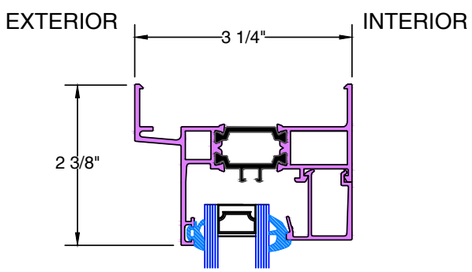
### H TYPICAL HORIZONTAL MUNTIN

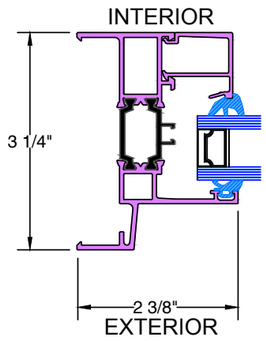
# METRO 680-T&T SERIES

## Typical Details

**INSWING TILT & TURN / FIXED**
Scale: Half Scale

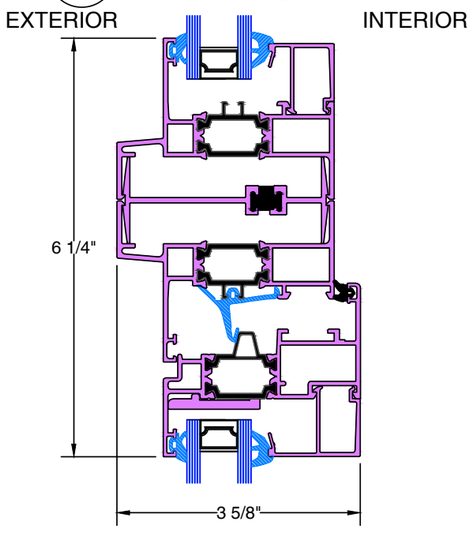


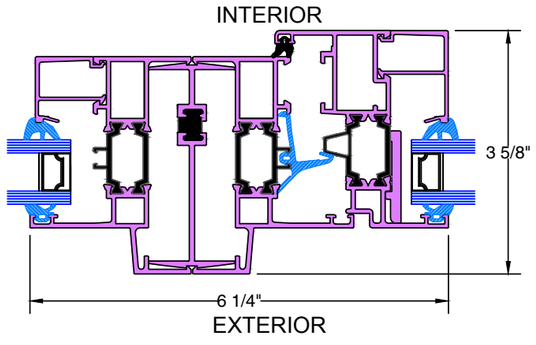



**J&K TYPICAL FIXED HEAD & SILL**

**L&M TYPICAL FIXED JAMB**




**N TYPICAL STACKING MULLION**

**P TYPICAL JOINING MULLION**

OPTIMUM WINDOW
28 Canal Street, Ellenville, NY 12428
Phone (845) 647-1900

OPTIMUM WINDOW
AMERICA'S MOST DIVERSIFIED STEEL WINDOW & DOOR MANUFACTURER

**OPTIMUM WINDOW STANDARD COLORS NO CHARGE**

***UP CHARGE PRICING FOR THESE COLORS***

| | | | | | |
|---|---|---|---|---|---|
| Apollo White<br>OI-SRSI 80892 | Quaker Bronze<br>OS-PSP320404 | Black<br>OI-SRSI 10088 | Rela Espresso<br>OS-PSP180369 | Sandstone<br>OI-SRSI 42259 | Dark Bronze<br>OS-PSP4214W |

* 10 + No charge / < 10 $500 upcharge

| | | | | | |
|---|---|---|---|---|---|
| Hartford Green<br>OI-SRSI 30178 | Light Blue<br>OI-SRSI 20796 | El Cajon<br>OS-PSPY3833Q | Fashion Gray<br>OI-SRSI 71871 | Brick Red<br>OI-SRSI 60211 | Burgundy<br>OS-PSP4415K |

**MOST POPULAR COLORS**

| | | | | | |
|---|---|---|---|---|---|
| Blade Silver<br>OP-PK612S3 | Old Bronze<br>OP-PK612U4 | Stainless<br>OP-PK612S2 | Matte Bronze<br>OP-PK612M1 | Soft Touch Smooth Black<br>OP-PK612N1 | Vert 300 Sable'<br>OA-SW307F |
| Argento 308 Metallic<br>OT38-90011 | Seafoam Green Metallic<br>OT38-50035 | Dark Brown Anodized<br>OT38-60090 | Belz Gray<br>OS-PSP160405 | Acier<br>OA-SW161D | Regal Brown<br>OS-PSP4212W |

Shown are a selection of available colors. Contact Optimum Window Mfg. for other custom finishes. The samples shown here are representative only. Please consult with your sales representative for actual samples.

***Optimum Window Mfg. reserves the right to change specifications without notice***

**The products represented h
coatings due to heat, light, m

# P-Series Cabinet Available In 1-1/2 To 2-1/2 Ton

## STANDARD DESIGN

- **High Efficiency Scroll Compressor**
- **ECM Motor Technology**
- **Advanced Coil Design**
- **Powder Coated Cabinet**
- **Powder Coated CNC Punched Safety Screen**
- **Over Sized Direct Drive Blower**
- **Two Screw Blower Slide Out**
- **Non Corrosive Hardware**

P-SERIES (LX) INSIDE VIEW

P-SERIES FRONT VIEW

## LX OPTIONAL FEATURES

- **High / Low Pressure Switches**
- **Low Ambient Speed Control (Down To 20 Degrees)**
- **4 lbs. Acoustical ArmaFlex Lined Cabinet**
- **Vibration Eliminators (Liquid & Suction)**
- **Heavy Duty Compressor Sound Blanket**

P-SERIES FRONT VIEW
OPTIONAL ARCHITECTURAL LOUVER
& ATTACHED WALL SLEEVE
GRILLPAL12 / TH/SLEEVE-P

2 YEAR
Parts Warranty
5 YEAR
Compressor Warranty

## Standard Series Specifications / With LX Options

| Model Number / Options | Wide | High | Deep | SEER | BTU |
|---|---|---|---|---|---|
| THDC-18PGA / LX | 36 | 19 | 18-1/2 | 12 | 18,500 |
| THDC-24PGA / LX | 36 | 19 | 18-1/2 | 12 | 23,300 |
| THDC-30PGA / LX | 36 | 19 | 18-1/2 | 12 | 28,200 |

| Electrical | Voltage | AWG Wire | MCA | MOP |
|---|---|---|---|---|
| THDC-18PGA / LX | 208-230/1/60 | 14 Ga | 13.0 | 20 AMP |
| THDC-24PGA / LX | 208-230/1/60 | 12 Ga | 19.7 | 30 AMP |
| THDC-30PGA / LX | 208-230/1/60 | 12 Ga | 19.0 | 30 AMP |

| Indoor Unit | Rheem* | CFM | Voltage |
|---|---|---|---|
| THDC-18PGA / LX | RBHP-17J06 | 675 | 208-230/1/60 |
| THDC-24PGA / LX | RBHP-21J07 | 900 | 208-230/1/60 |
| THDC-30PGA / LX | RBHP-21J07 | 1000 | 208-230/1/60 |

| Model Number / Options | Blower Discharge | Weight | Compressor | Liquid / Vapor |
|---|---|---|---|---|
| THDC-18PGA / LX | Side | 185 lbs. | Scroll | 3/8" / 3/4" |
| THDC-24PGA / LX | Side | 190 lbs. | Scroll | 3/8" / 3/4" |
| THDC-30PGA / LX | Side | 195 lbs. | Scroll | 3/8" / 3/4" |

| Electrical | Motor FLA | Motor HP | Compressor RLA | Compressor LRA |
|---|---|---|---|---|
| THDC-18PGA / LX | 1.7 | 0.25 | 9 | 48.0 |
| THDC-24PGA / LX | 2.8 | 0.33 | 13.5 | 58.3 |
| THDC-30PGA / LX | 3.0 | 0.50 | 12.8 | 64.0 |

*AeroSys THDC series units are compatible with most indoor air handlers. All specifications are subject to change without notice.
Check your state and local building codes before every installation for electrical requirements.

*Equipment was tested and certified by an independent third party to AHRI 210/240 or DOE standard 10 CFR Part 430 (Energy or Water Conservation Program for Consumer Products) and the Energy Policy and Conservation Act, as amended. Test results and reports are available on AHRI's website, www.ahridirectory.org or DOE's CCMS website.

Check Out Our Complete Line of
Thru-The-Wall Condensing Units

T/S/R/P SHOWN

**Accepted For Use
City of New York
Department of Buildings
MEA 85-04-E**

**Listing # 4008574
Complies with
UL 1995
Heating & Cooling
Equipment**

AeroPak™ architectural louvers are designed to cover the outside face of the unit, adding that additional finished touch to your project, while giving extra protection to the condenser coil. They are constructed with extruded anodized aluminum and can be ordered to match any color. (Please consult the factory).

Bone White

Dark Bronze

Portland Stone

Light Stone

Shellburne

Forrest Green

Sandstone

Herringbone

Colornado Red

Sahara Tan

Black

Medium Bronze

Architectural Louver (Tank Tan) Shown

### AeroPak Optional Architectural Louvers

| Part Number | Available On | Description (** Lead Time) |
|---|---|---|
| PP517 | All Models | AeroPak Tank Tan Replacement Safety Screen |
| GRILLAP01A | All Models | AeroPak Architectural Louver Extruded Aluminum (Anodized Aluminum)** |
| GRILLAP02A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Bone White)** |
| GRILLAP03A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Dark Bronze)** |
| GRILLAP04A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Portland Stone)** |
| GRILLAP05A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Light Stone)** |
| GRILLAP06A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Shellburne)** |
| GRILLAP07A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Forest Green)** |
| GRILLAP08A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Sandstone)** |
| GRILLAP09A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Herringbone)** |
| GRILLAP10A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Colornado Red)** |
| GRILLAP11A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Sahara Tan)** |
| GRILLAP12A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Stone Grey)** |
| GRILLAP13A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Ascot White)** |
| GRILLAP14A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Black)** |
| GRILLAP15A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Medium Bronze)** |
| GRILLAP16A | All Models | AeroPak Architectural Louver Extruded Aluminum (K Taupe)** |
| GRILLXAPA | All Models | AeroPak Architectural Louver Extruded Aluminum (Custom Painted)** |