



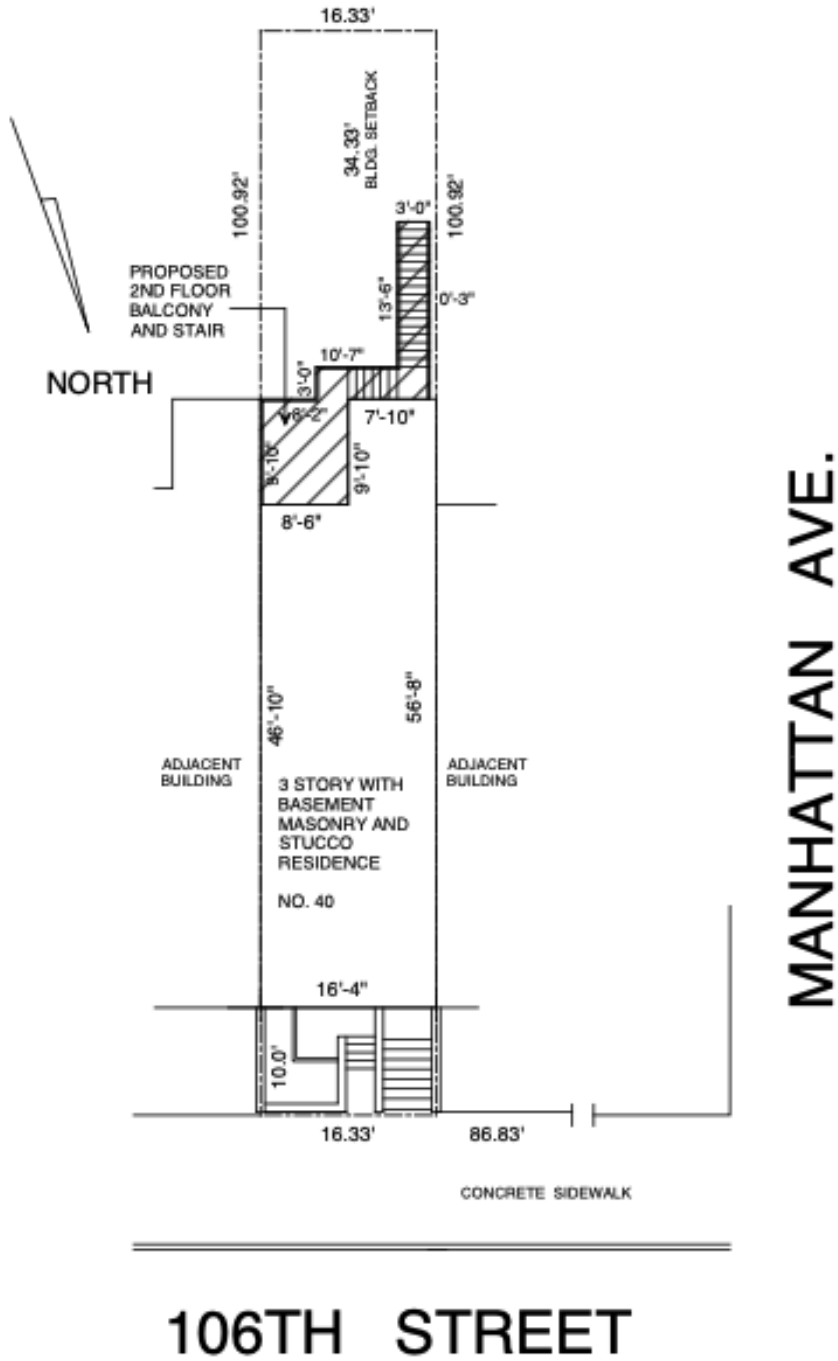
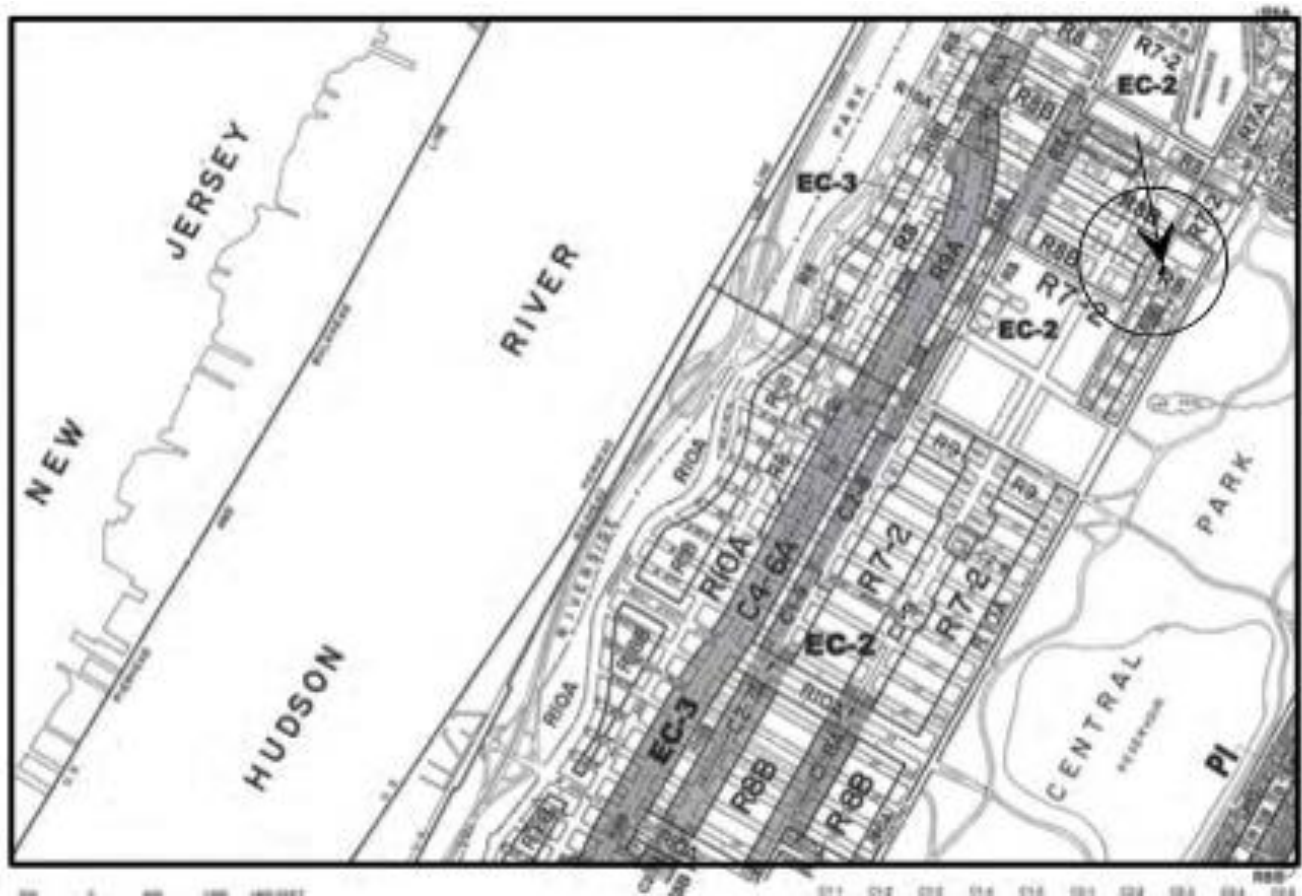
40 W 106th Street

4 stories House in the Manhattan Avenue
Historic District, Ondrej Krehel

Proposed Rear Balcony with fire escape stairs



Exterior Alterations



View of the Front Façade – 106th street



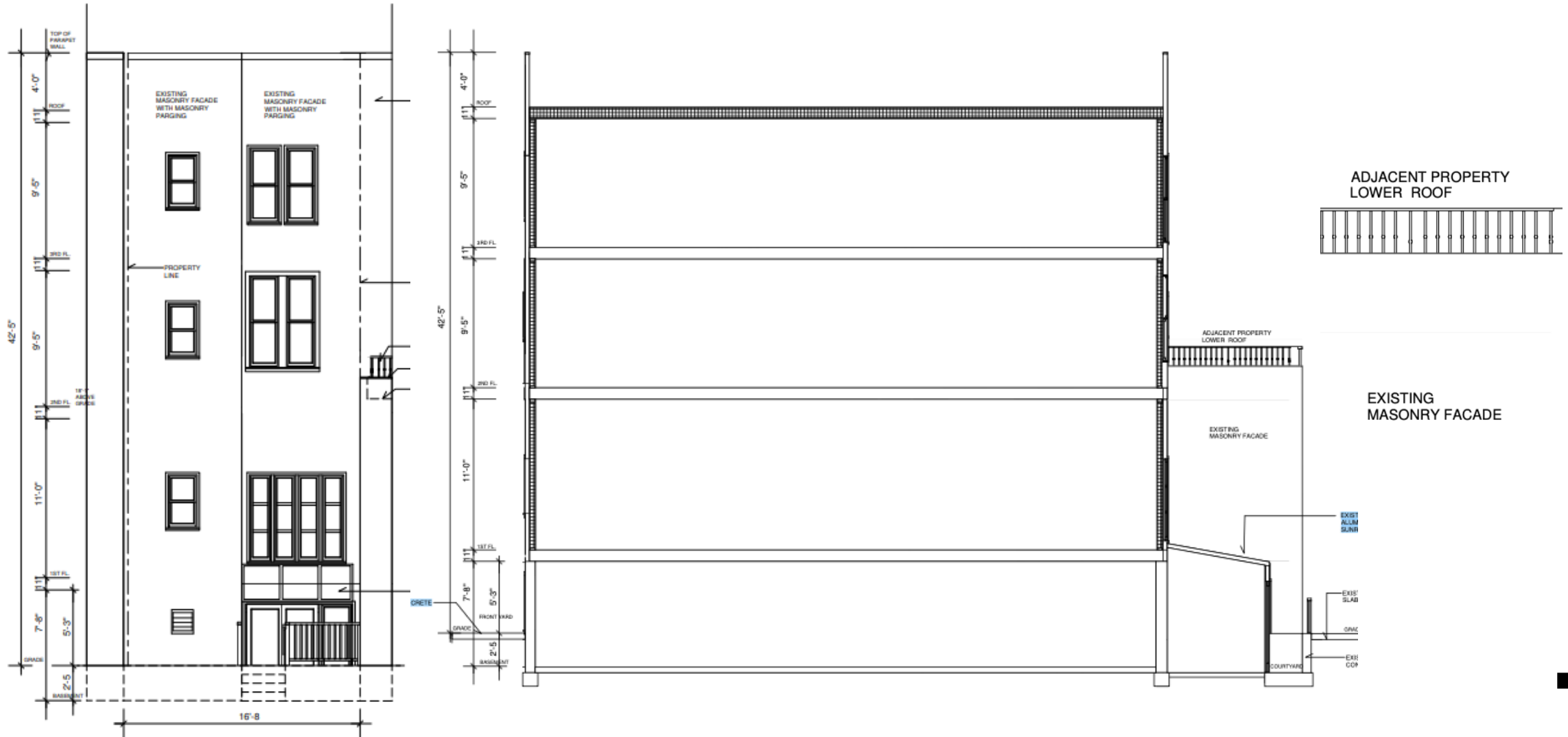
Aerial view of the block at 106th and Manhattan avenue



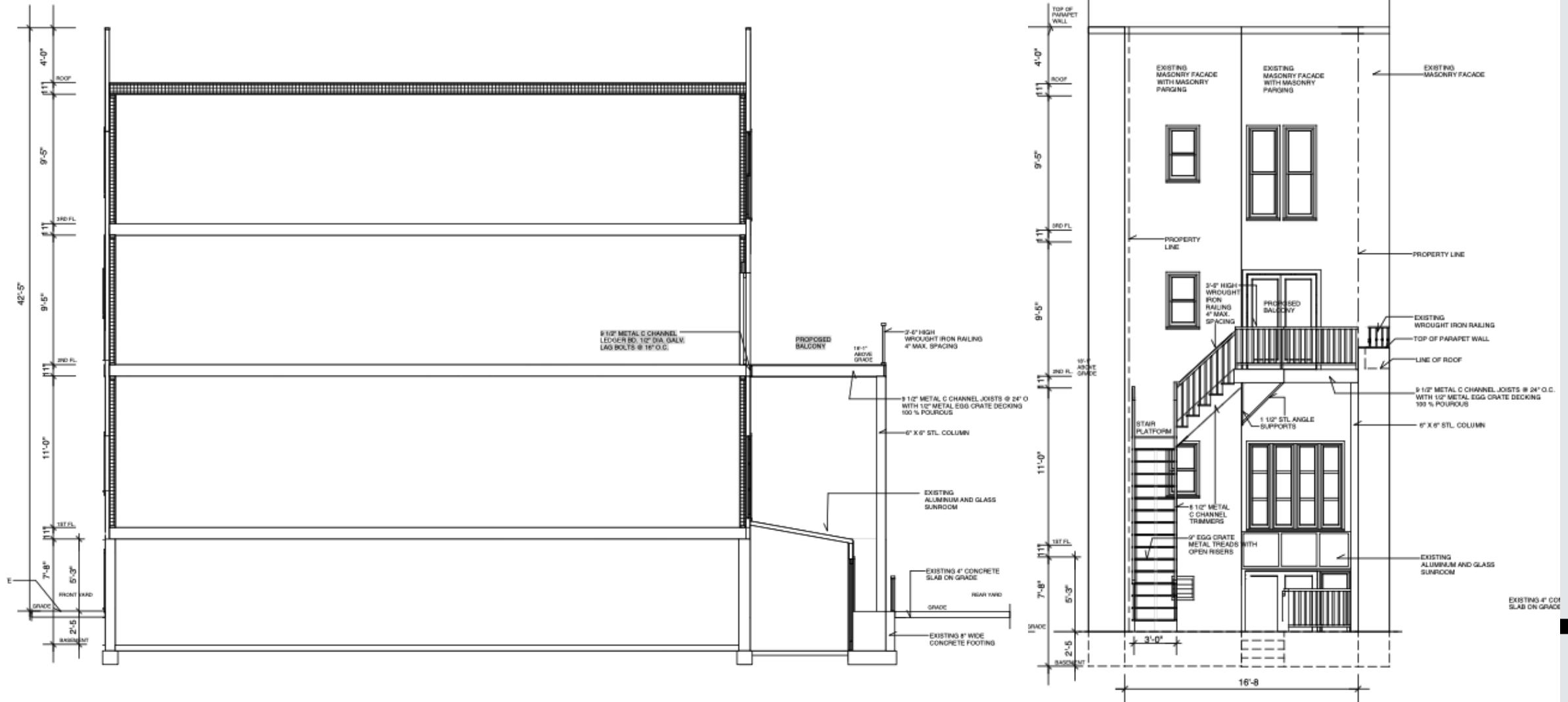
Rear façade



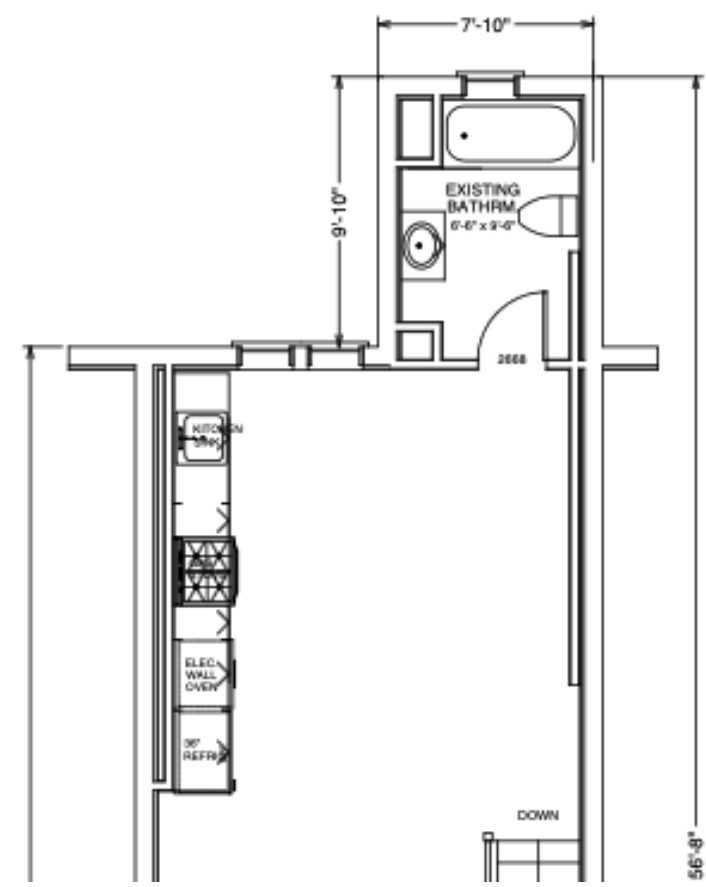
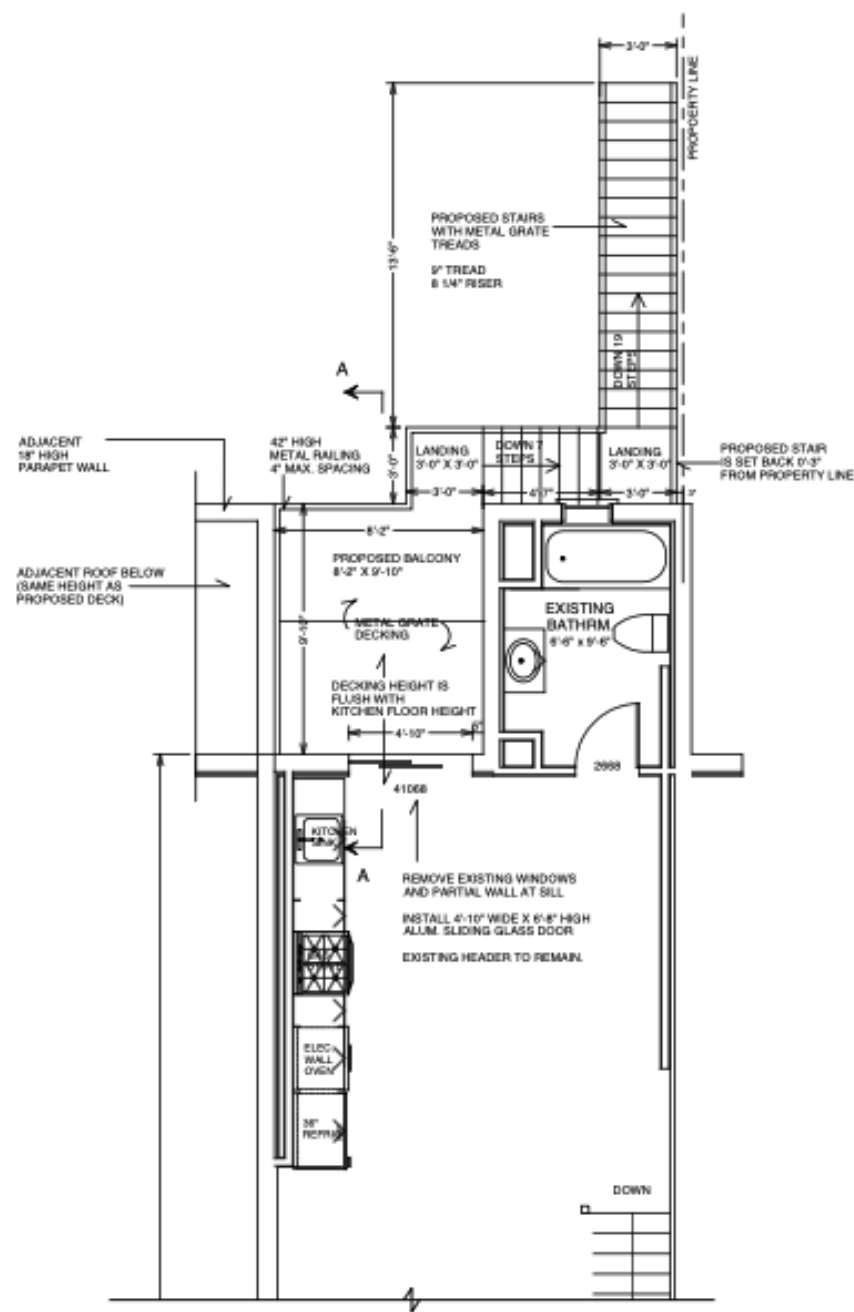
Existing Building Cross Section



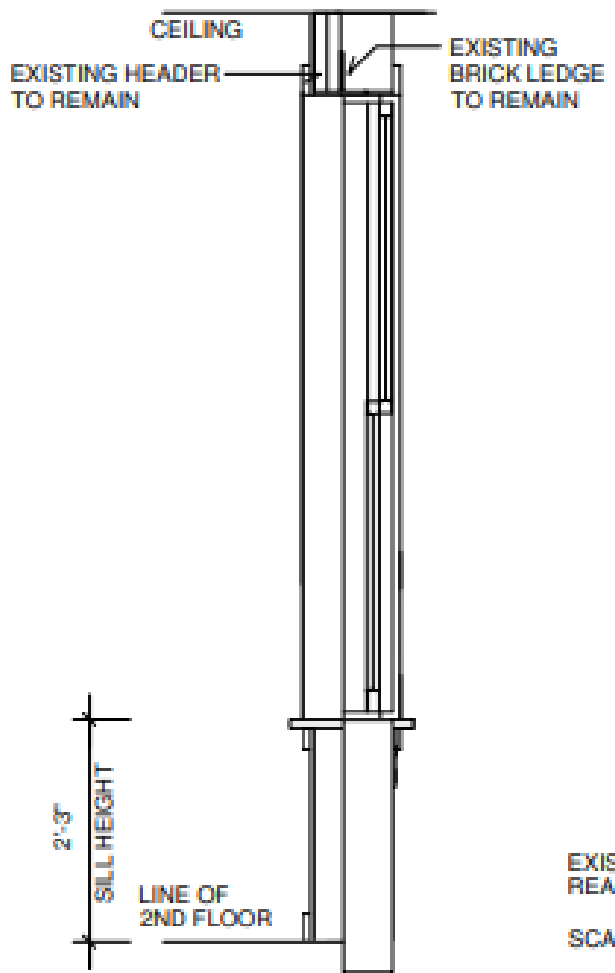
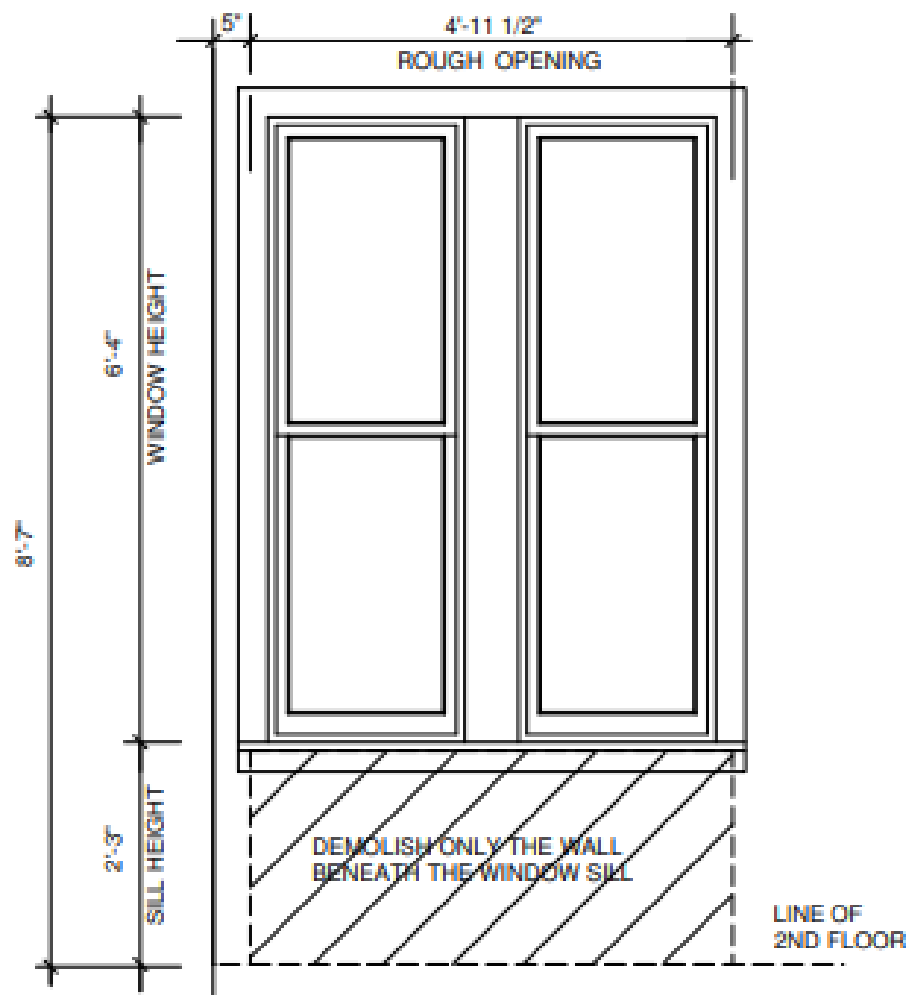
Proposed Balcony with fire escape stairs



Proposed
second
floor
and
existing
second
floor



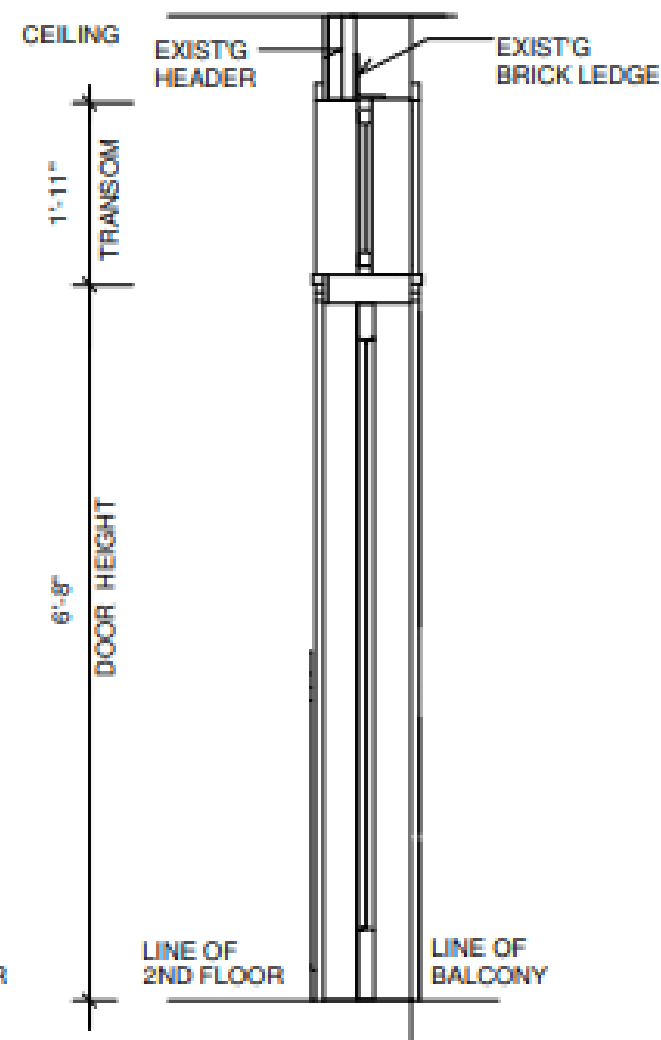
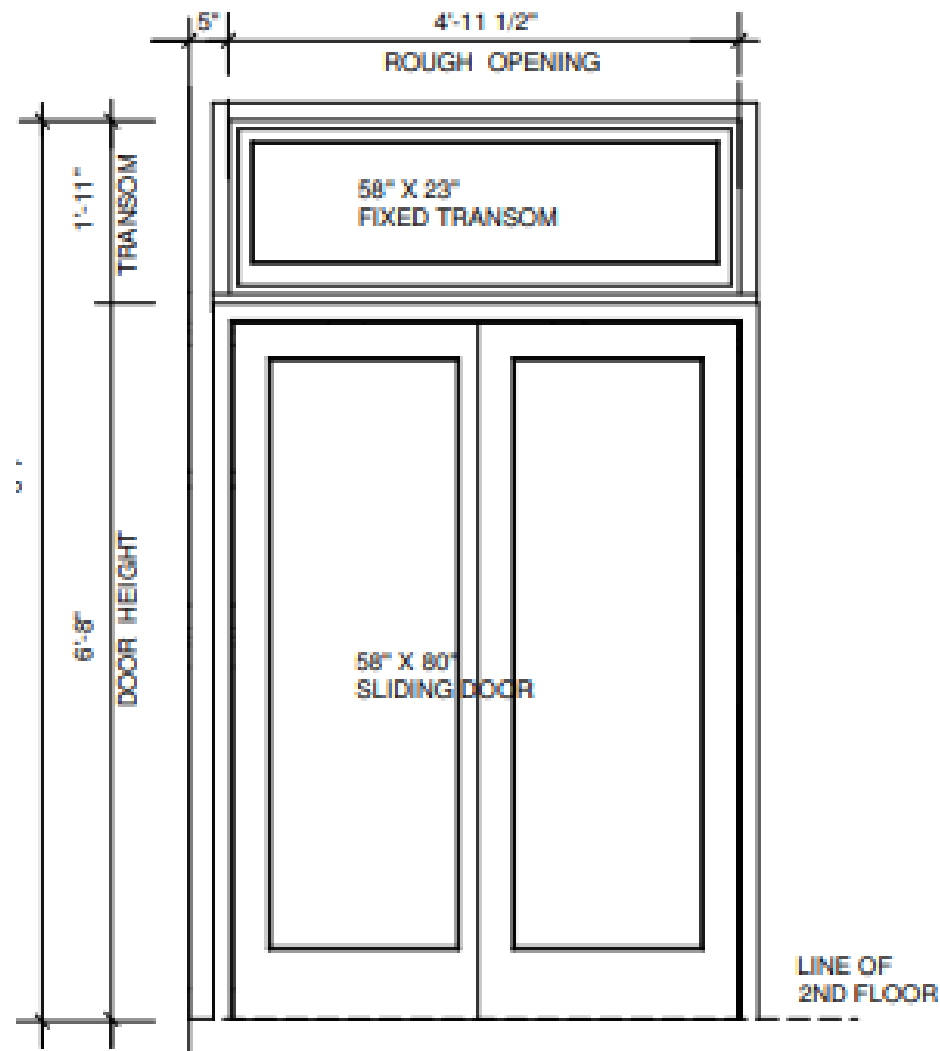
Existing building cross section window



EXISTING 2ND FLOOR
REAR WINDOW - SECTION
SCALE: 3/4" = 1'-0"



Proposed building cross section window



PROPOSED 2ND FLOOR
SLIDING DOOR - SECTION
SCALE: 3/4" = 1'-0"

2nd level rooftop terraces of other brownstones



The red dot is where the rear balcony is proposed

Red Circles are all 2nd-level balconies in the buildings' rear section



41 W 105th Street and 134 Manhattan Avenue



Sketch of the stairs and Railing



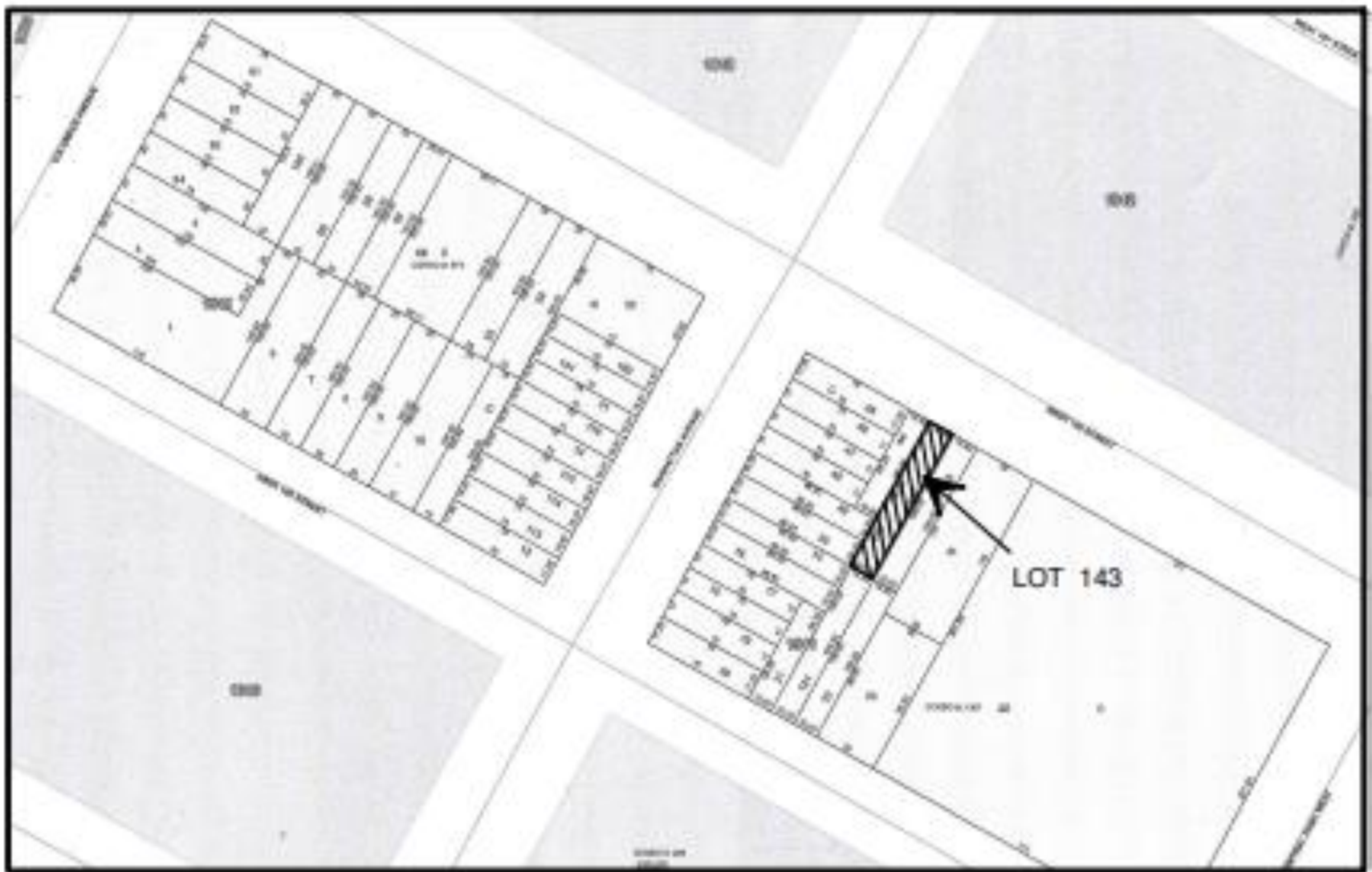
End slide



Location



Location – block plan



Material used - Patio door

CTP-1240 Commercial Thermal Break Aluminum Sliding Patio Door



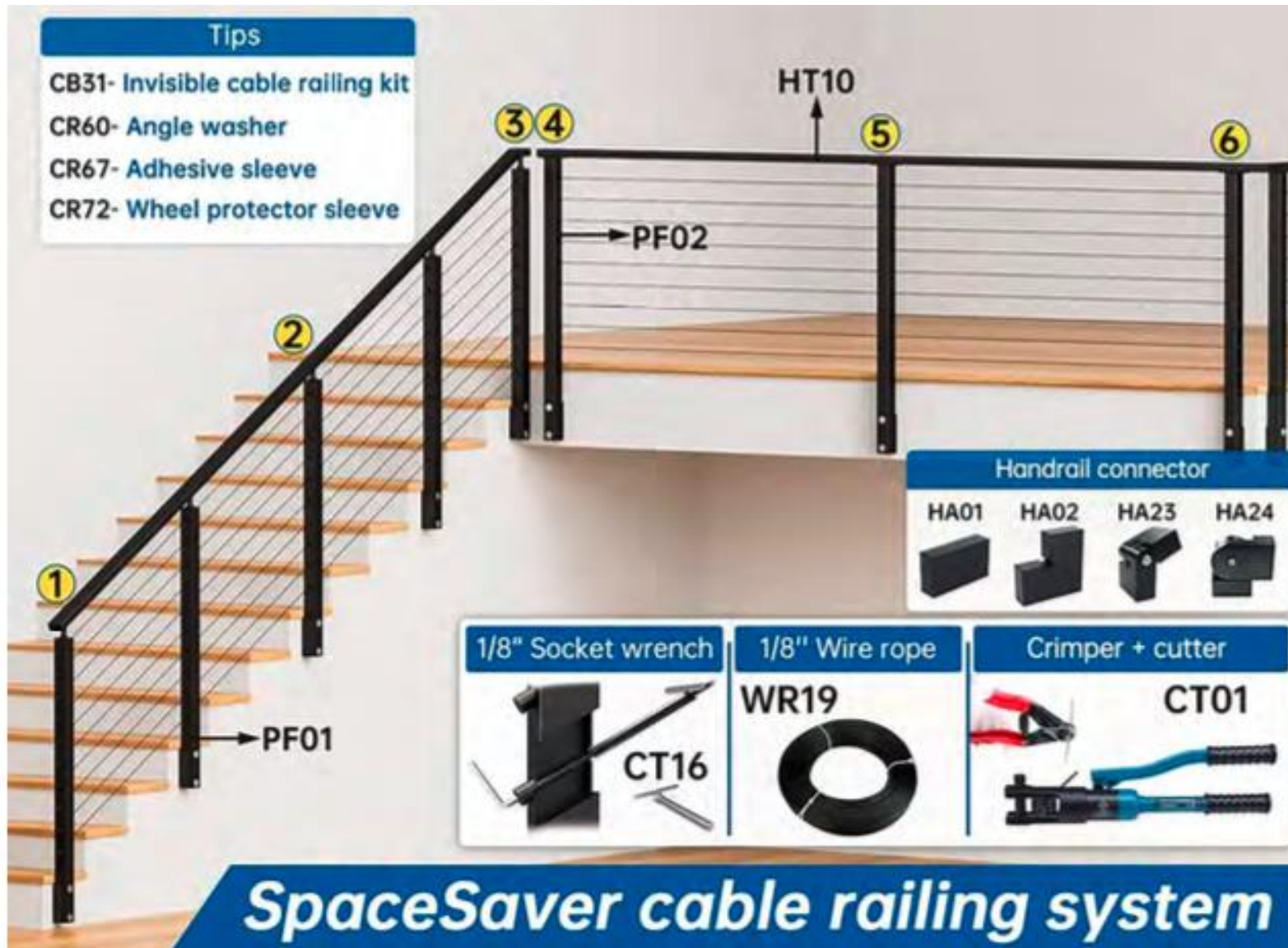
Product Features

- Knock - down (KD) Pre-Fabricated frame
- 2-Panel (XO/OX) or 3-Panel (OXO)
- AAMA Rating: LC-PG45
- Frame Depth: 4 $\frac{9}{16}$ "
- Tube Sill w/ Concealed Drainage
- Insulating Tempered Glass Unit Size: 1"
- "Intercept" Warm Edge Vitro Spacer
- Bronze or White Colors
 - 2604 Powder Coat Finish
- Fibermesh Locking Screen
- Heavy-Duty Adjustable Dual Tandem Ball Bearing Rollers
- Clear Anodized Sill

Optional Features

- Low-E Tempered Glass

Railing Muzata Steel

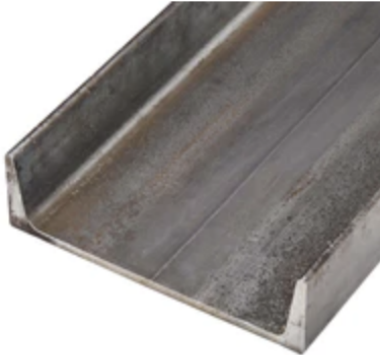


Construction steel for frames and pillars

8" X 11.5# (2.26 X .22) HOT ROLLED STRUCTURAL CHANNEL ASTM A36

ABOUT

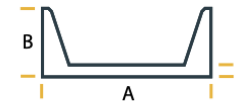
CHEMISTRY



SPECIFICATIONS:
ASTM A36

APPLICATIONS:
Used for general purpose structural and mechanical applications such as riveted, bolted, or welded construction of bridges and buildings. Use for reinforcement products such as bracing, framing or bracketing is also common.

HOW TO MEASURE:
A (Width) X B (Flange) X C (Web)



Construction steel for frames and pillars

[Home](#) > [Hot Rolled Steel](#) > [Carbon Steel Square Tube A500/A513](#)

4" x 0.25" Carbon Steel Square Tube A500/A513 Hot Rolled - Part #: 10379



1 Dimension(s) for this product

Height: 4"

Wall: 0.25"

We carry 38 additional available dimensions for Carbon Steel Square Tub

Material Meets These Standard(s): **ASTM-A513, ASTM-A500**(call for availability)
[Read More Specifications](#) | [See Product Guide](#)

2 Select length below or [Custom Cut](#)

☒ 12" (1 ft.) - **\$45.58**
wt. 12.75 lb.

☐ 36" (3 ft.) - **\$119.38**

