

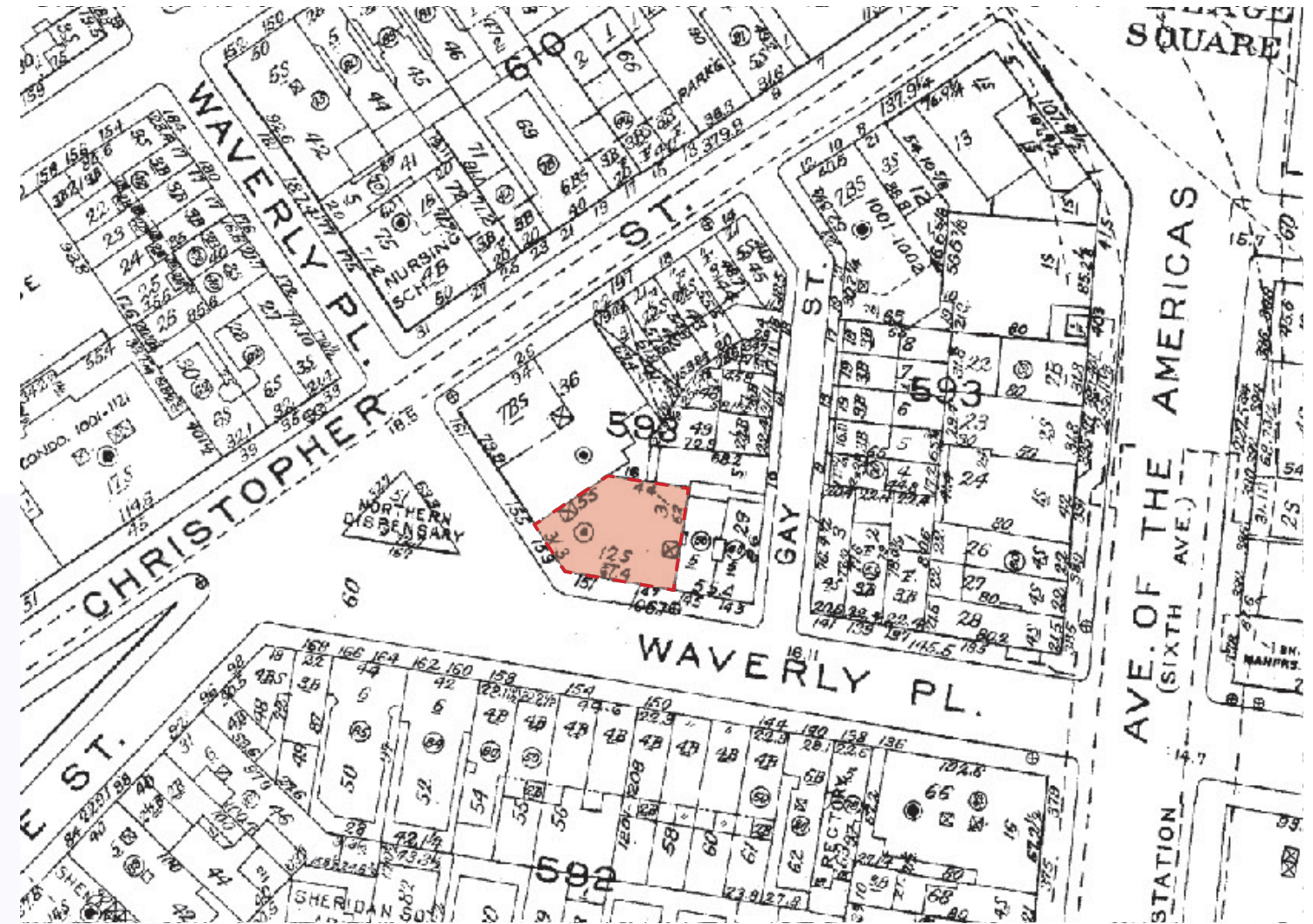
**147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE**

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PRESENTATION TO THE LANDMARKS PRESERVATION COMMISSION

147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





WAVERLY PLACE - NORTH SIDE PANORAMA

147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





1. LOOKING EAST WAVERLY PLACE



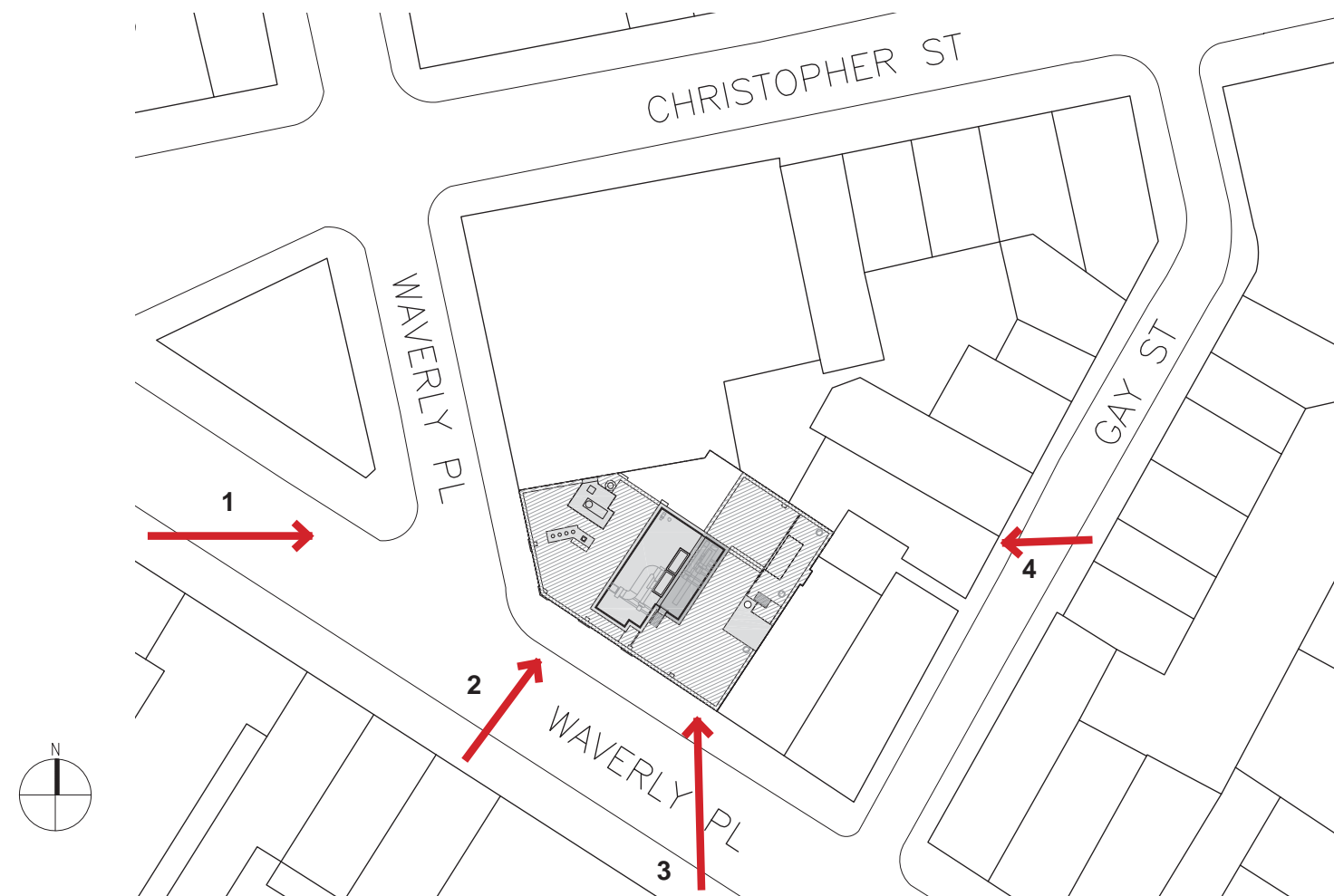
2. LOOKING NORTHEAST FROM WAVERLY PLACE



3. LOOKING NORTH FROM WAVERLY PLACE

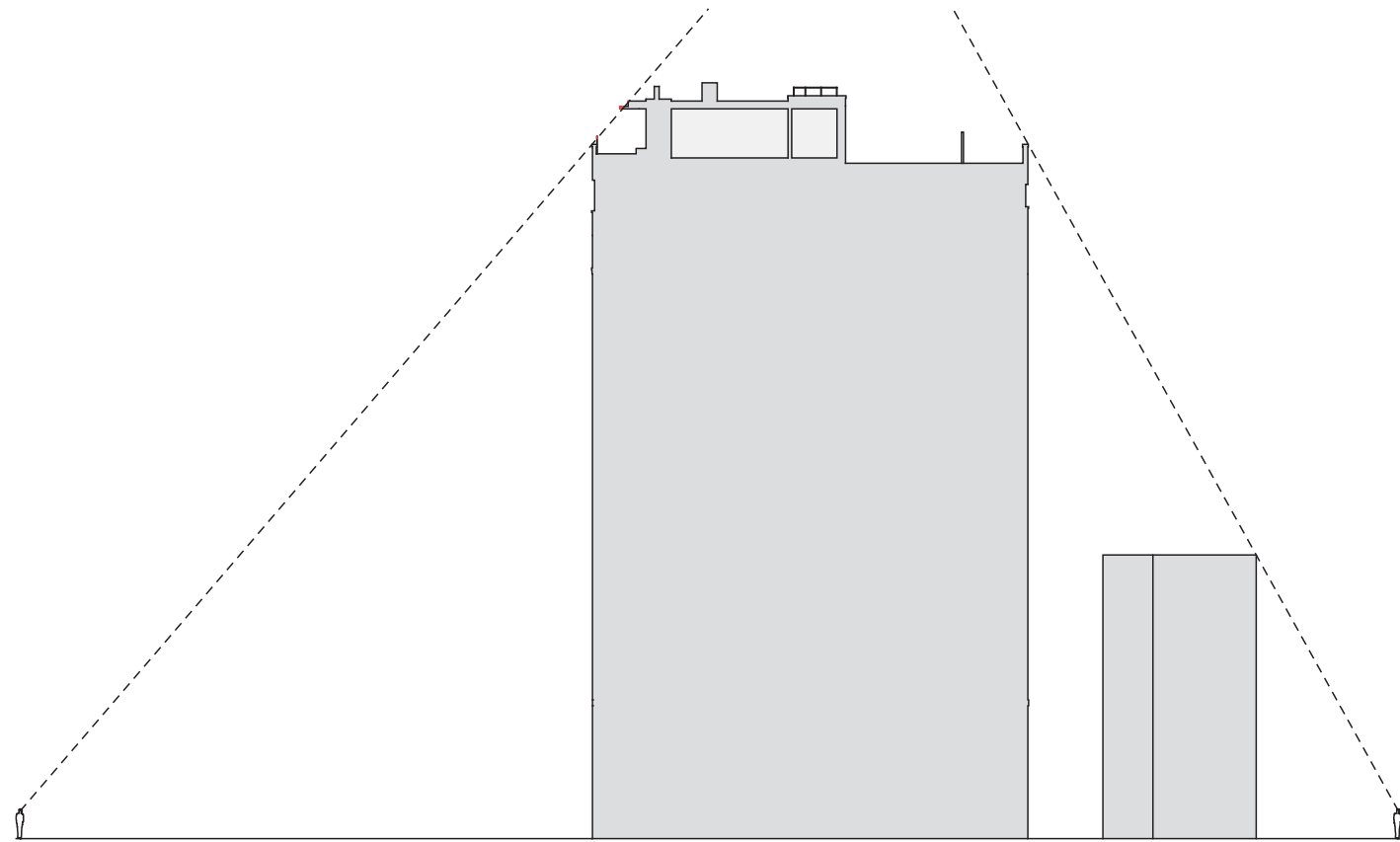


4. LOOKING WEST FROM GAY STREET

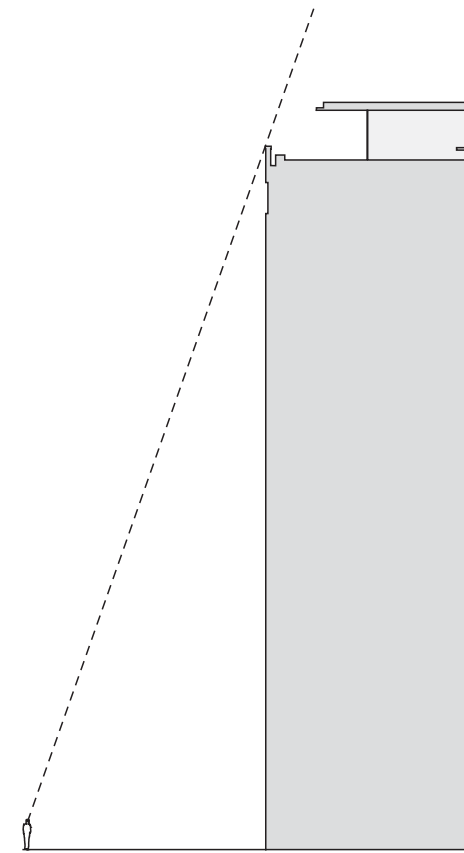


LOT PLAN

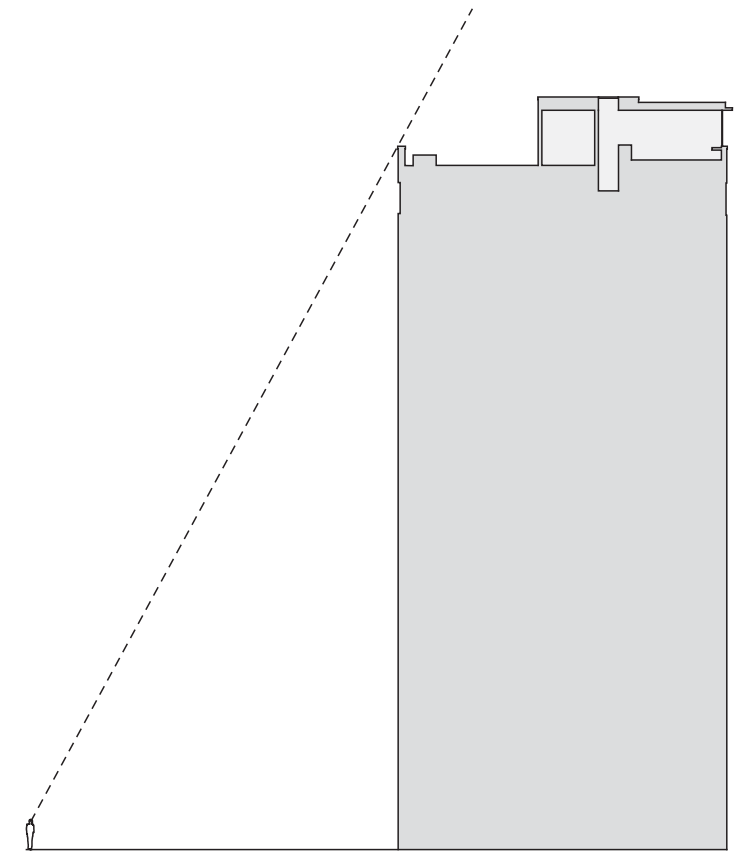
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE



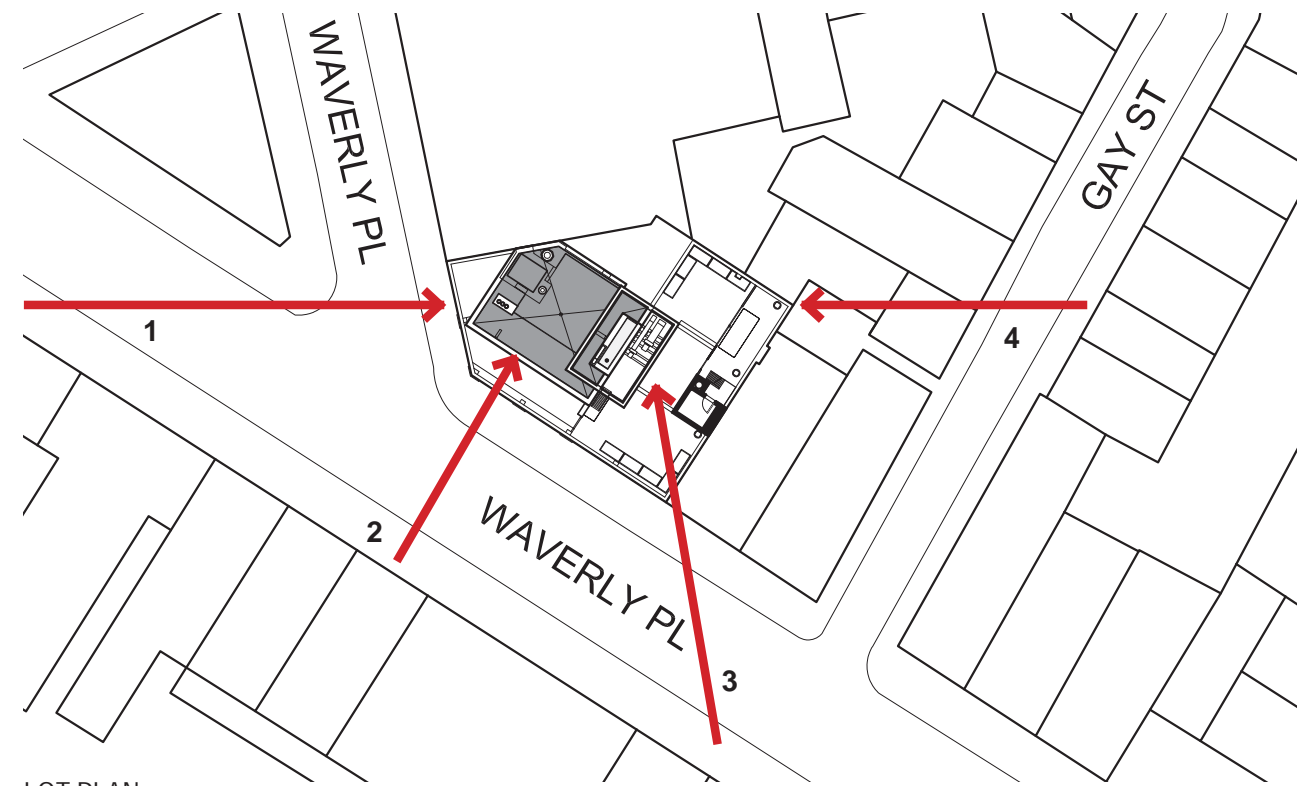
1. LOOKING EAST WAVERLY PLACE



2. LOOKING NORTHEAST FROM WAVERLY PLACE



3. LOOKING NORTH FROM WAVERLY PLACE



LOT PLAN

147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





EXISTING CONDITION - LOOKING NORTHWEST FROM WAVERLY



PROPOSED CONDITION - LOOKING NORTHWEST FROM WAVERLY



147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





EXISTING CONDITION - LOOKING EAST FROM CHRISTOPHER STREET



PROPOSED CONDITION - LOOKING EAST FROM CHRISTOPHER STREET



147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





EXISTING CONDITION - LOOKING SOUTH FROM CHRISTOPHER STREET

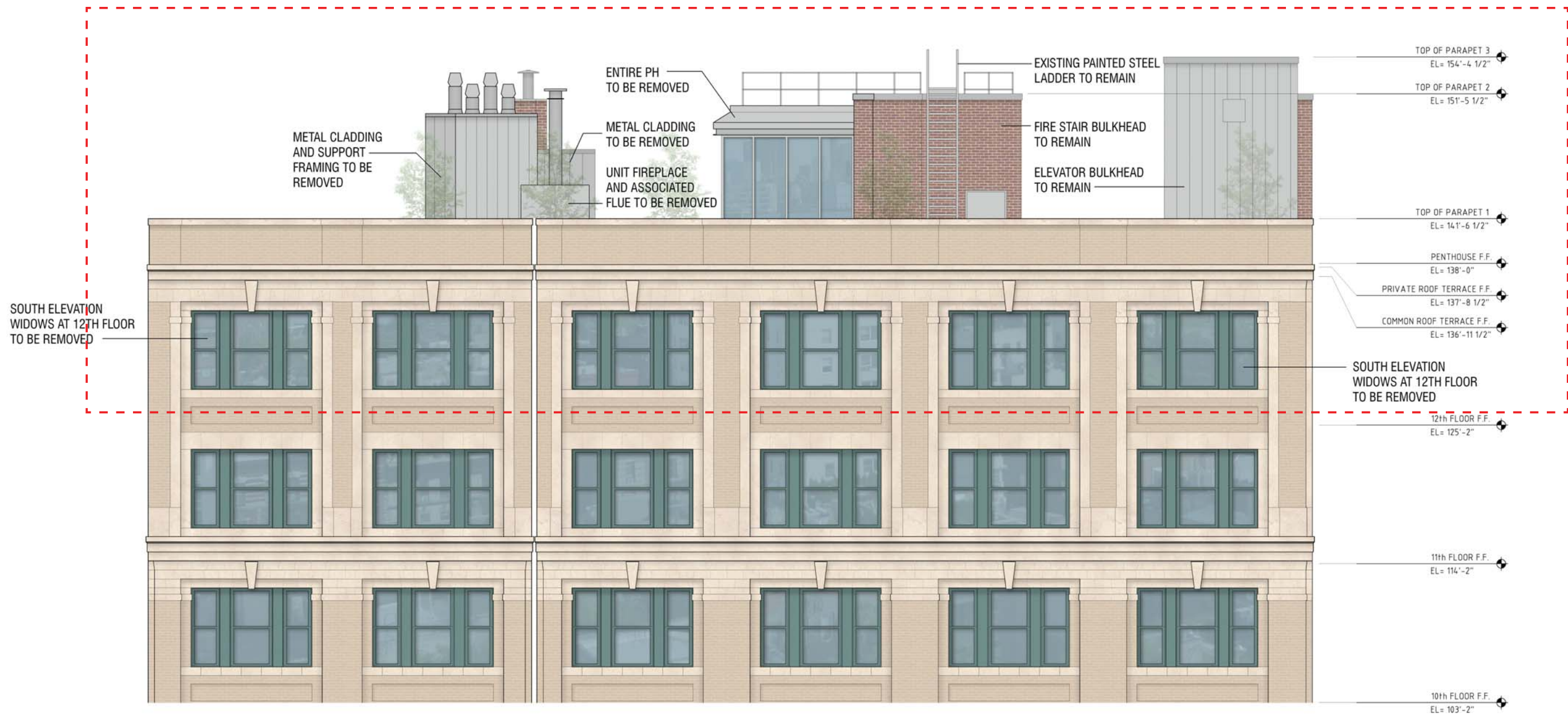


PROPOSED CONDITION - LOOKING SOUTH FROM CHRISTOPHER STREET



147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE

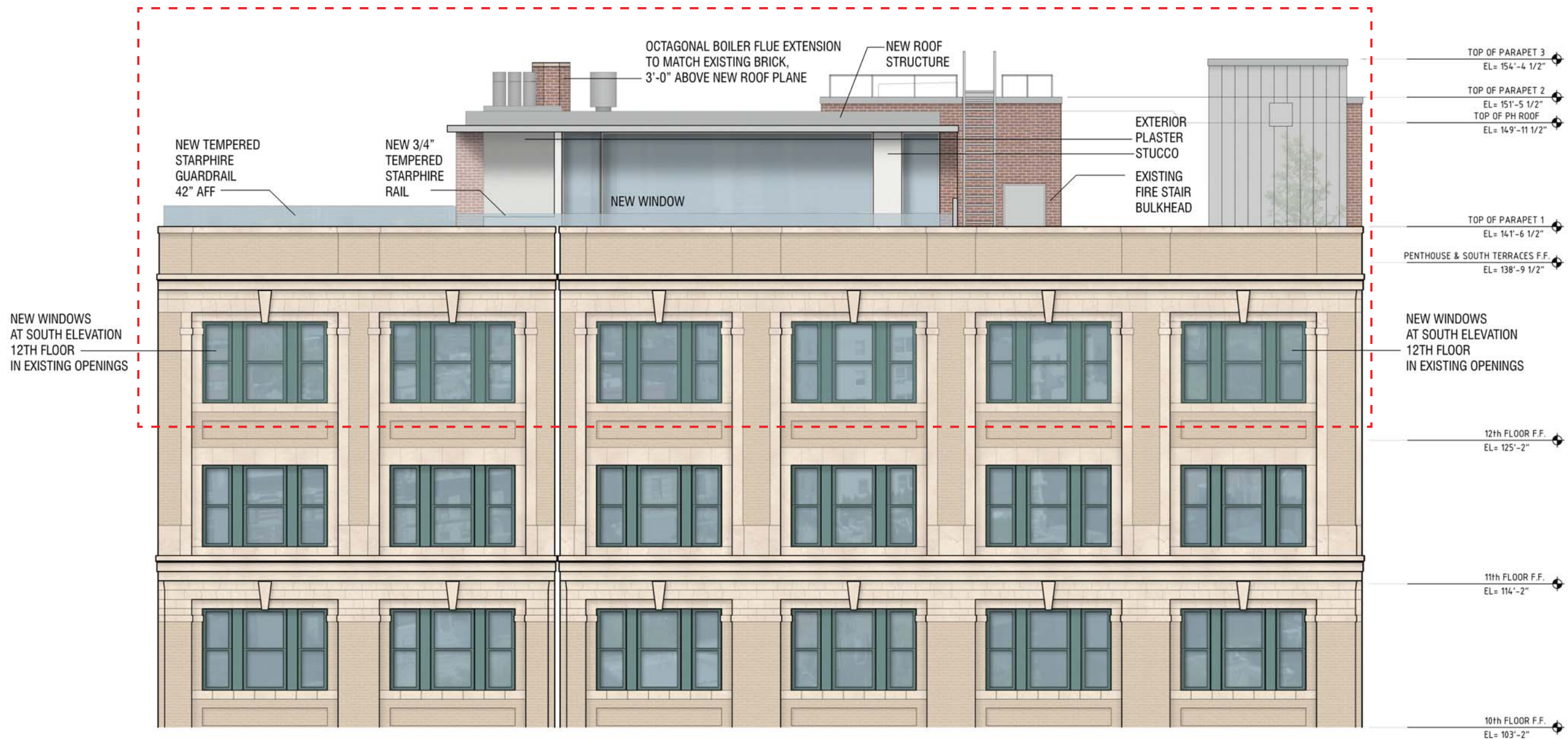




EXISTING SOUTH ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

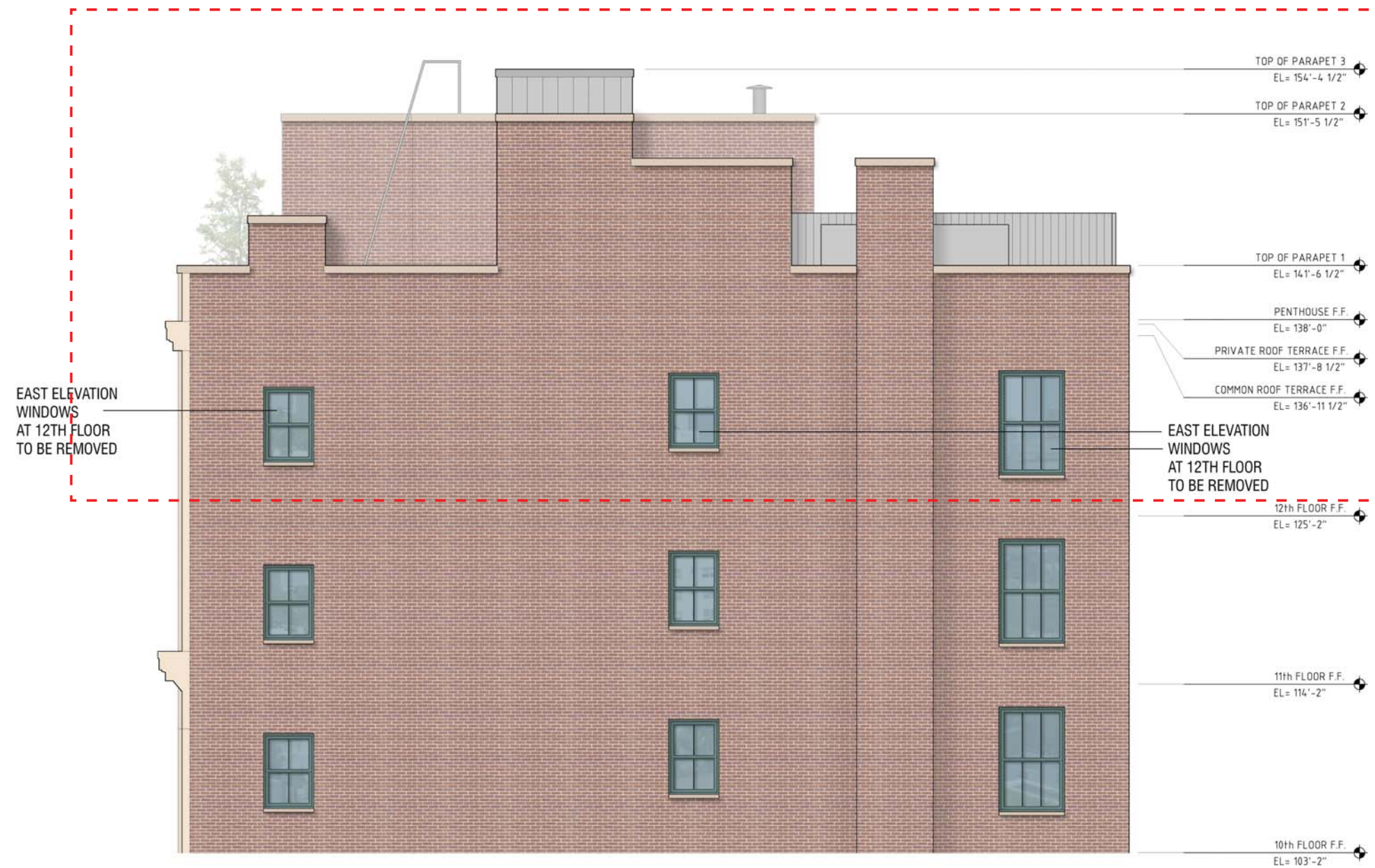
147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE





PROPOSED SOUTH ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

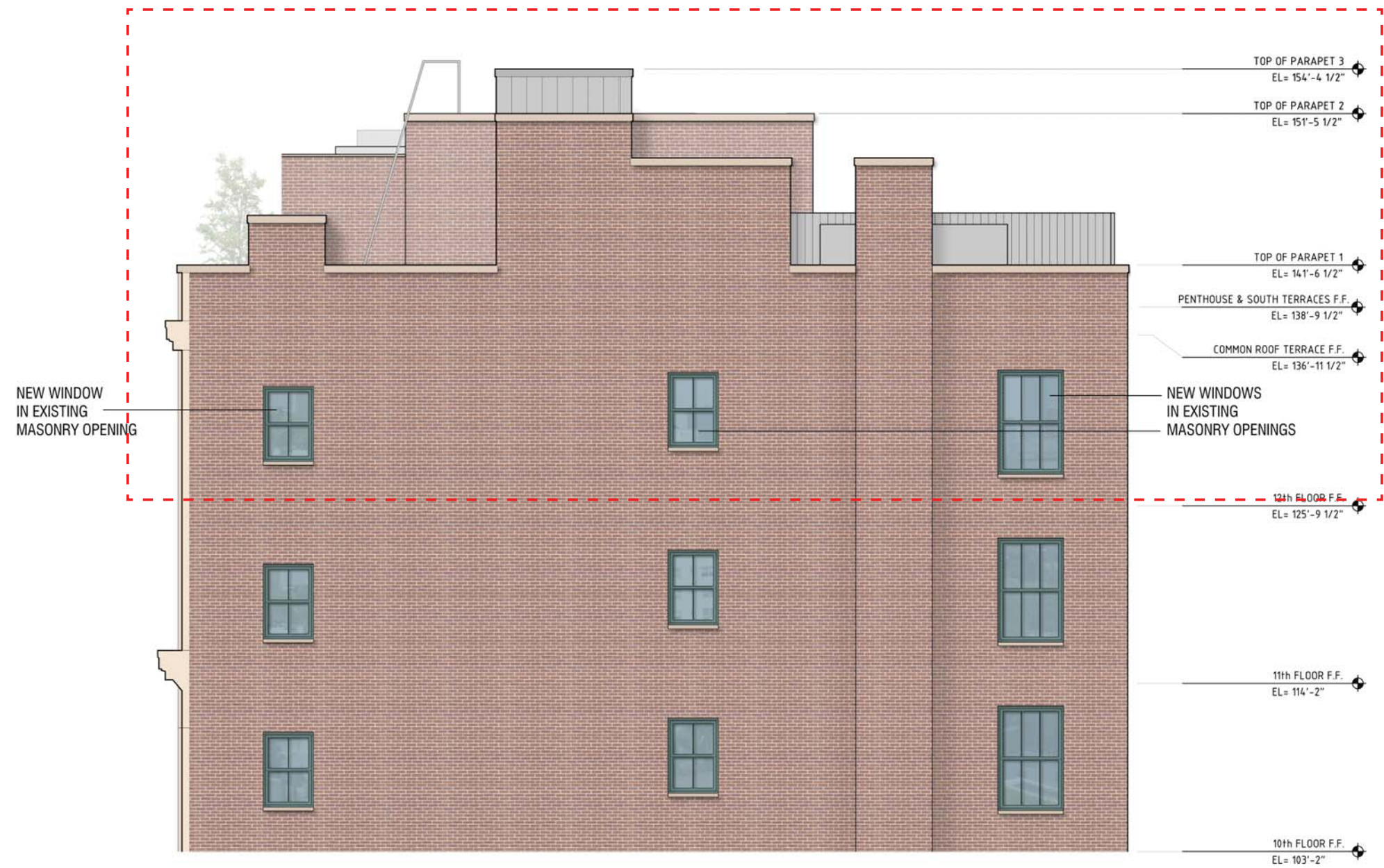
147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE



EXISTING EAST ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

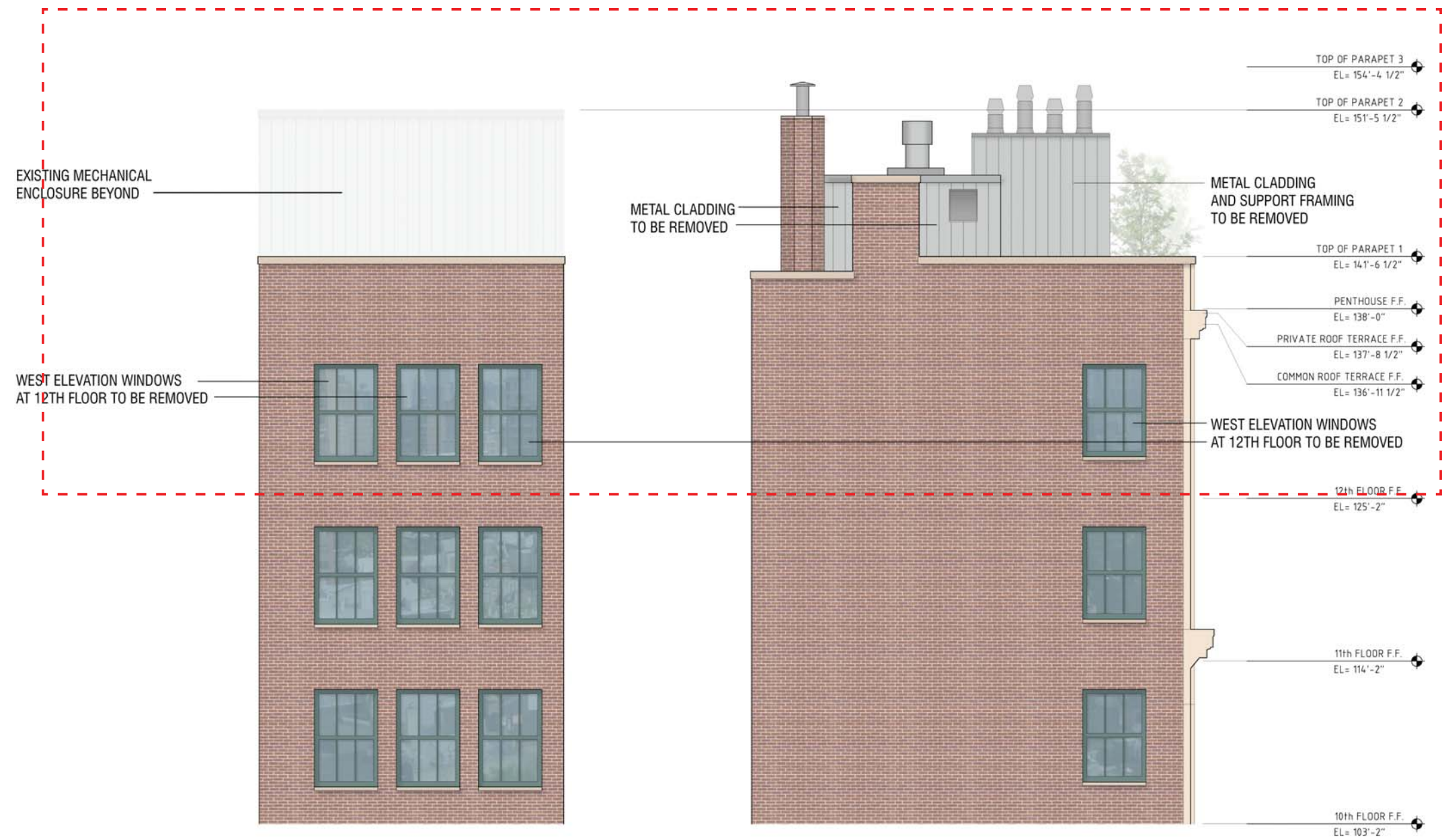
147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE





PROPOSED EAST ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

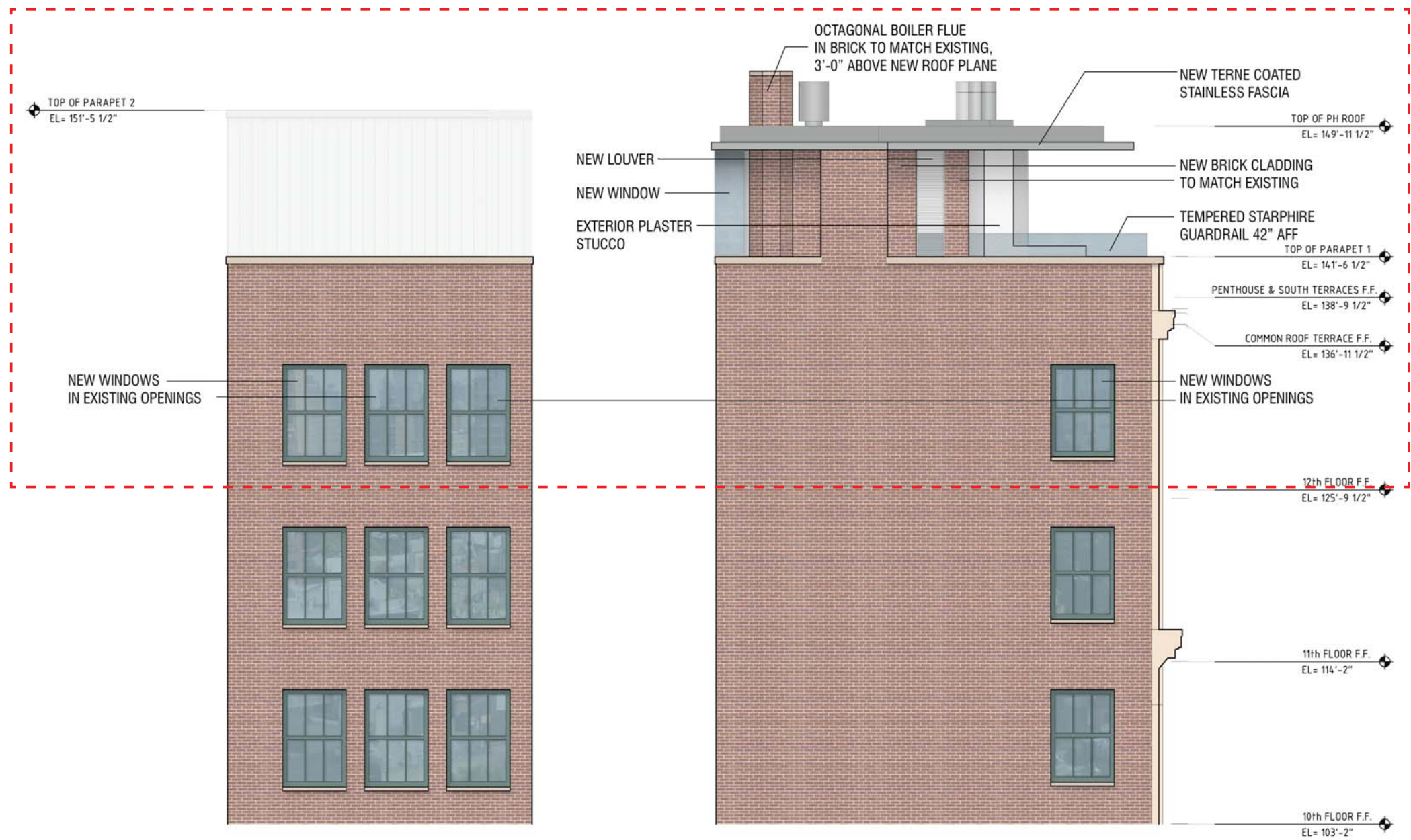
147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE



EXISTING WEST ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE

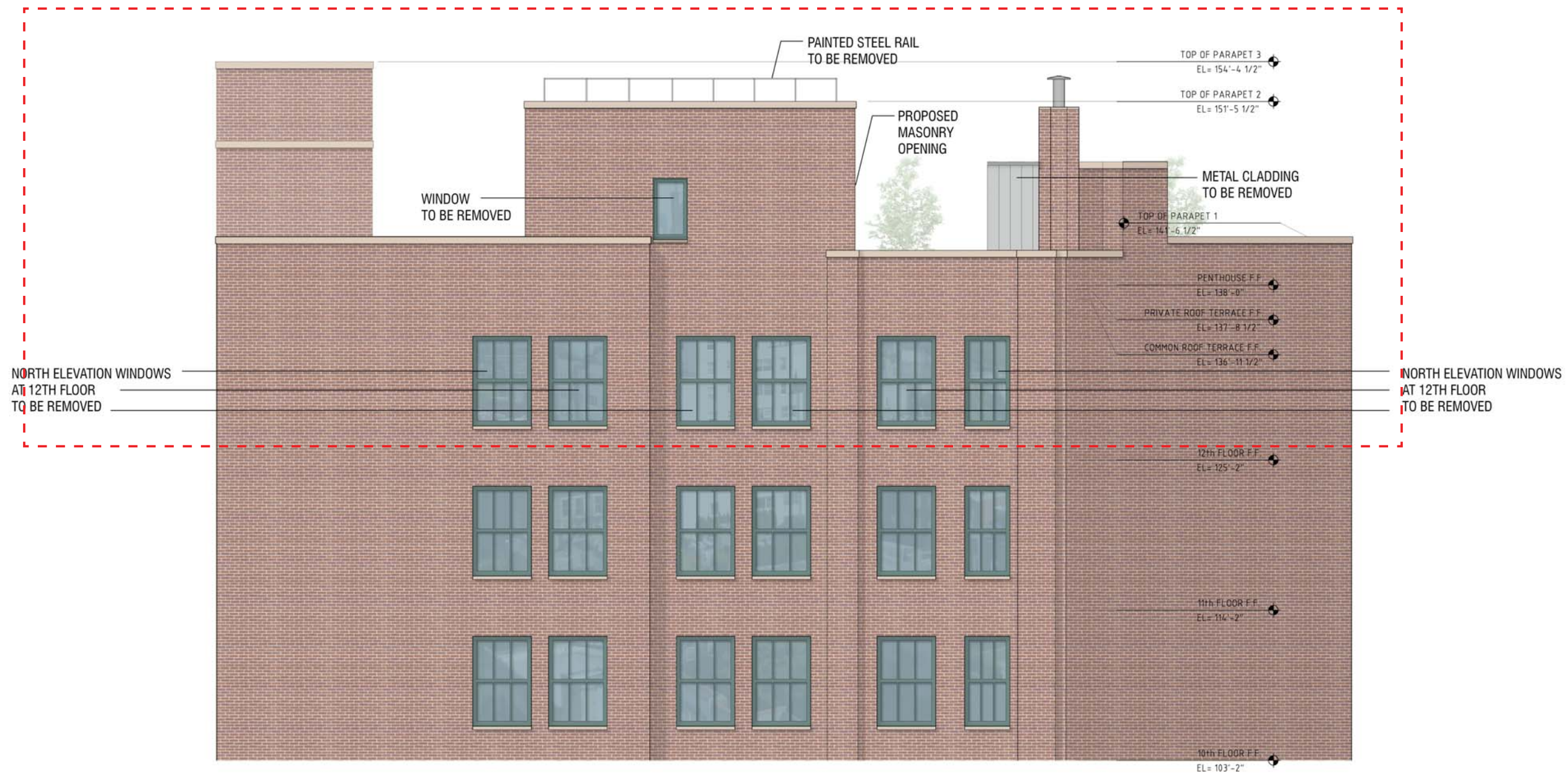




147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE

PROPOSED WEST ELEVATION  
WAVERLY PLACE  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS

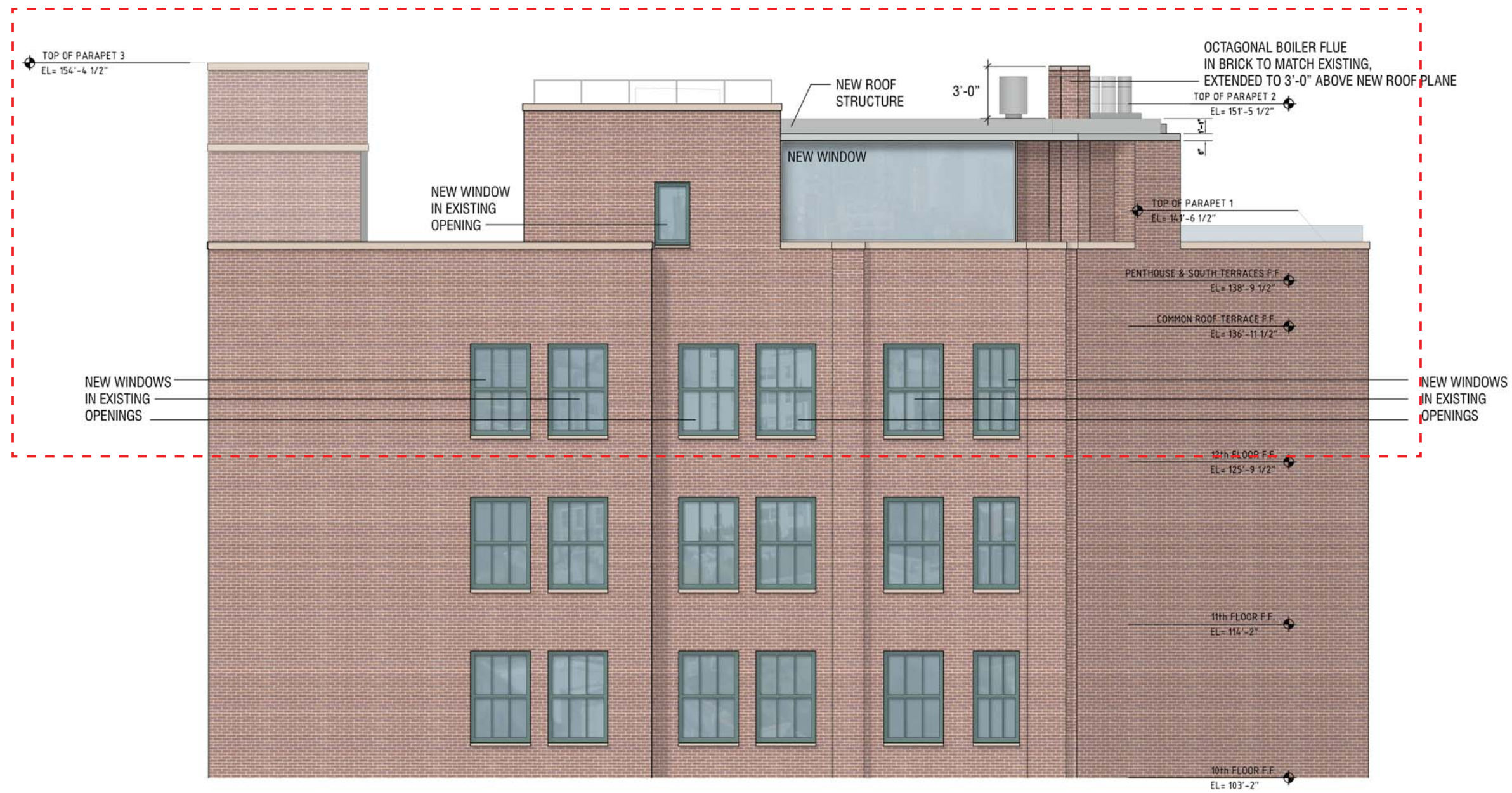




EXISTING NORTH ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE





PROPOSED NORTH ELEVATION  
 WAVERLY PLACE  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE





EXISTING SOUTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING EAST



EXISTING SOUTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING NORTHWEST



EXISTING NORTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING WEST



EXISTING SOUTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING SOUTH



EXISTING SOUTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING WEST



EXISTING SOUTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING WEST



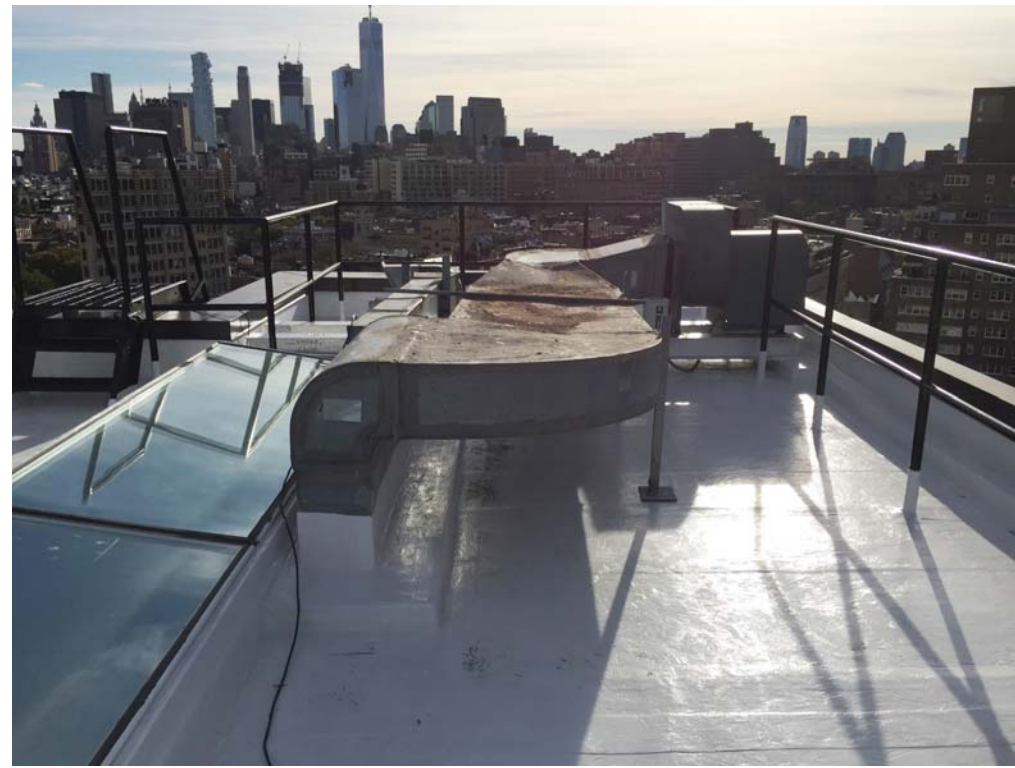
EXISTING SOUTH TERRACE VIEW  
PENTHOUSE FLOOR LOOKING NORTHEAST

## 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE





SKYLIGHT ON PENTHOUSE ROOF LOOKING SOUTH



SKYLIGHT ON PENTHOUSE ROOF LOOKING SOUTHWEST



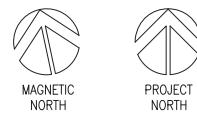
PENTHOUSE ROOF LOOKING NORTHWEST



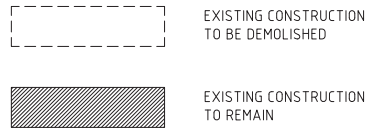
PENTHOUSE ROOF LOOKING WEST

# 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE

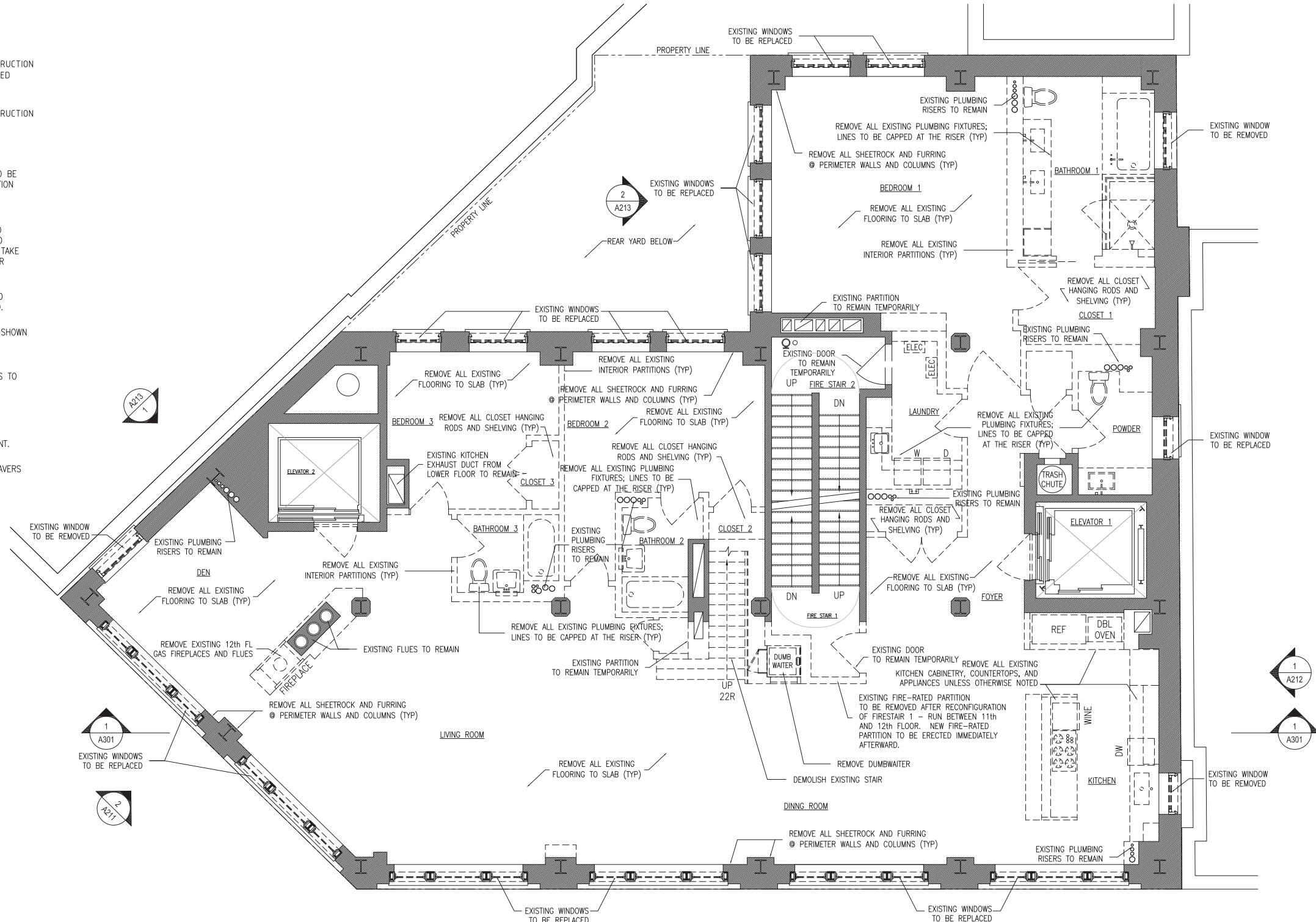




HATCH LEGEND



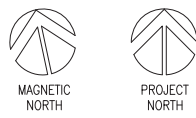
- 1 DEMOLITION AND CONSTRUCTION IS TO BE PERFORMED WITH BUILDING COOPERATION AND IN ACCORDANCE WITH BUILDING REGULATIONS.
- 2 PRIOR TO DEMOLITION, PLUMBING AND ELECTRICAL WORK, CONTRACTOR IS TO CONSULT WITH BUILDING SUPER AND TAKE ALL PRECAUTIONS NOT TO DAMAGE OR INTERRUPT BUILDING SYSTEMS.
- 3 DEMOLISH ELECTRICAL EQUIPMENT AND WIRING BACK TO PANEL AS REQUIRED.
- 4 REMOVE ALL PLUMBING FIXTURES AS SHOWN IN PLANS, LINES TO BE CAPPED AS REQUIRED AT THE RISER.
- 5 REMOVE ALL PLUMBING BRANCH LINES TO RISERS.
- 6 EXISTING WINDOWS & DOORS TO BE REMOVED & REPLACED AS SHOWN.
- 7 REMOVE ALL EXISTING HVAC EQUIPMENT.
- 8 REMOVE EXISTING EXTERIOR STONE PAVERS AND PEDESTALS.



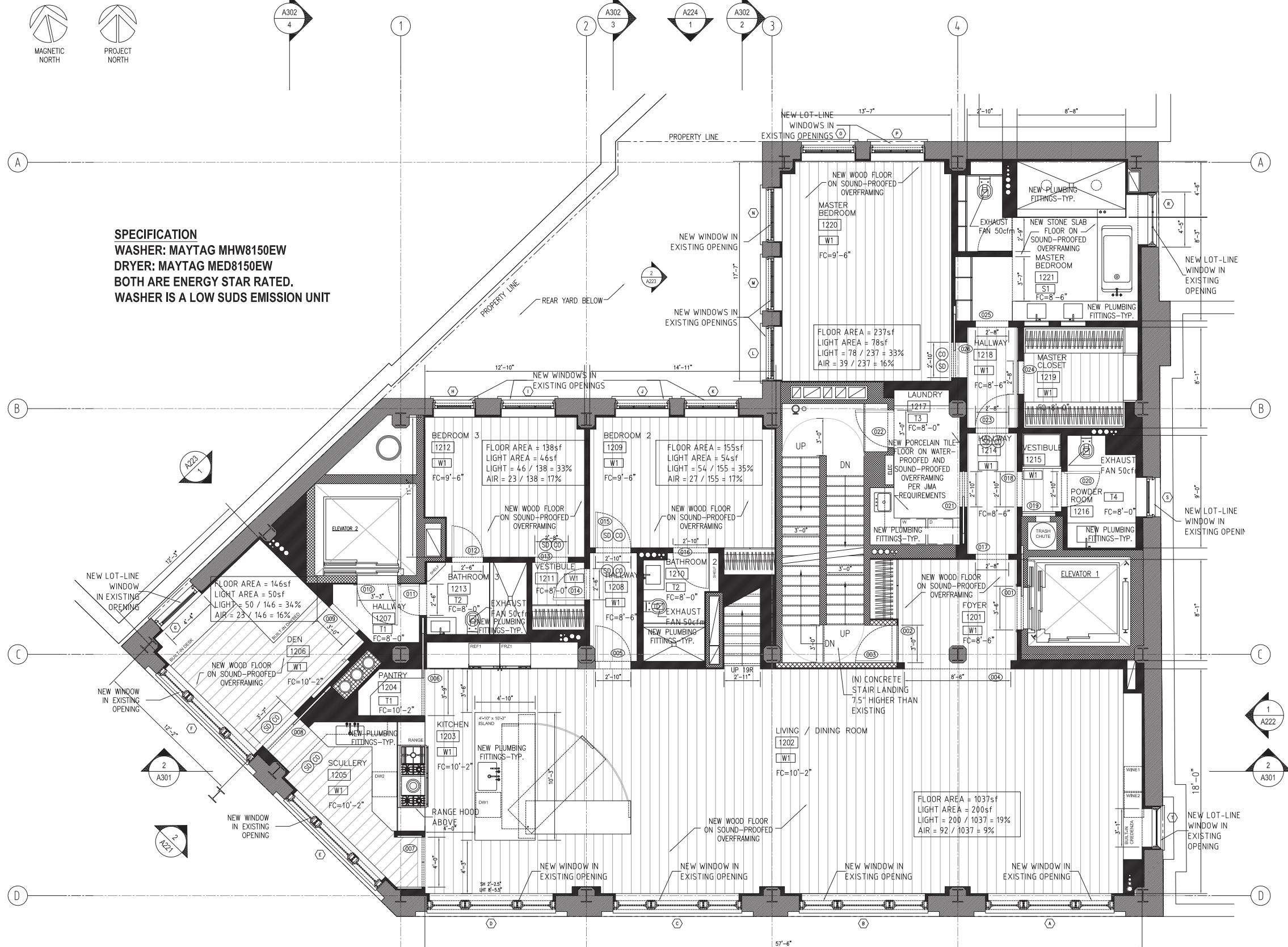
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE

EXISTING / DEMOLITION PLAN  
12TH FLOOR  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS





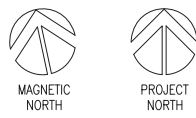
**SPECIFICATION**  
**WASHER: MAYTAG MHW8150EW**  
**DRYER: MAYTAG MED8150EW**  
**BOTH ARE ENERGY STAR RATED.**  
**WASHER IS A LOW SUDS EMISSION UNIT**



**147 WAVERLY PLACE**  
**12TH FLOOR & PENTHOUSE**

**PROPOSED PLAN**  
**12TH FLOOR**  
 SCALE: 1/4" = 1'-0"  
 11" x 17" SHEET NTS

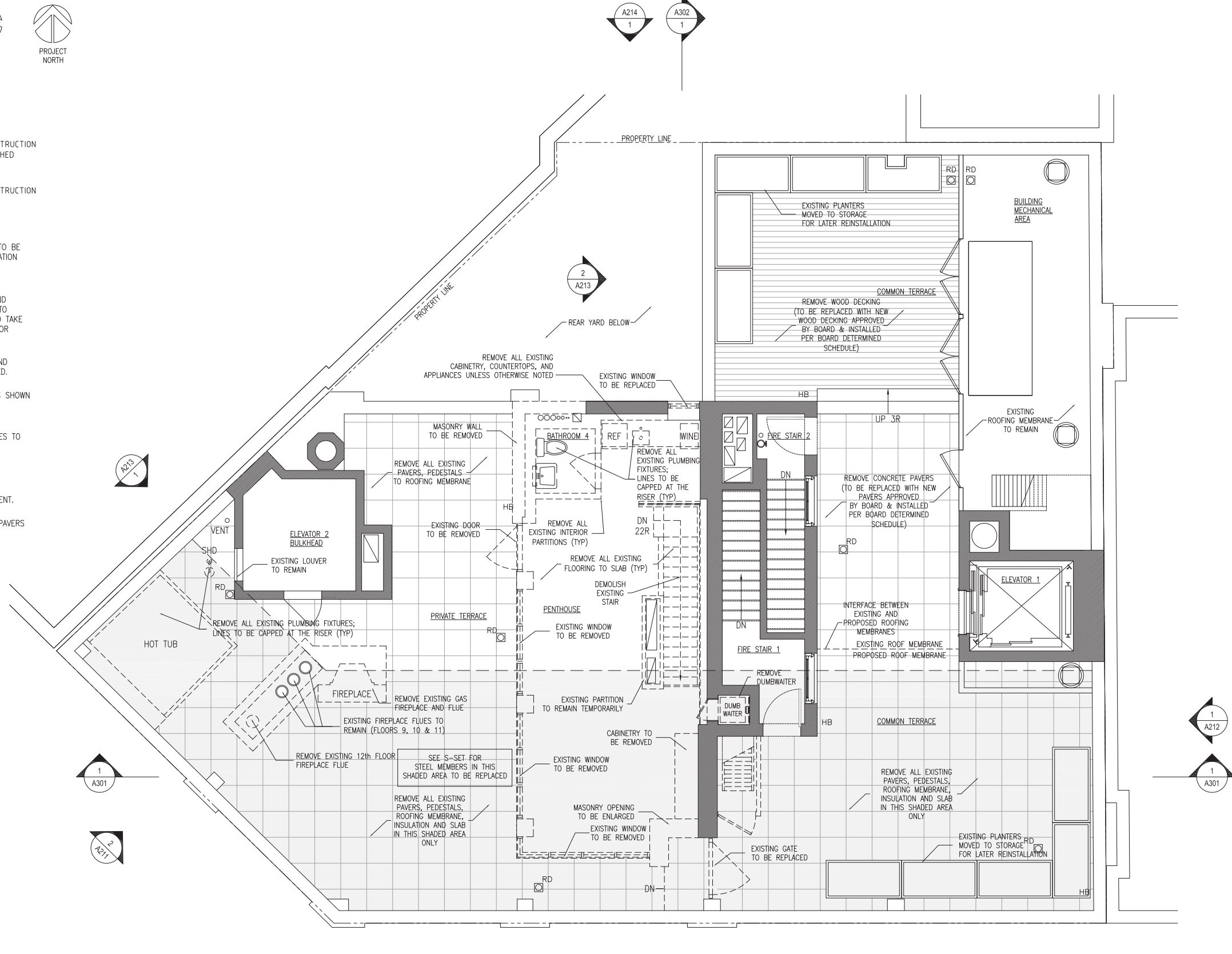




HATCH LEGEND

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING CONSTRUCTION TO REMAIN

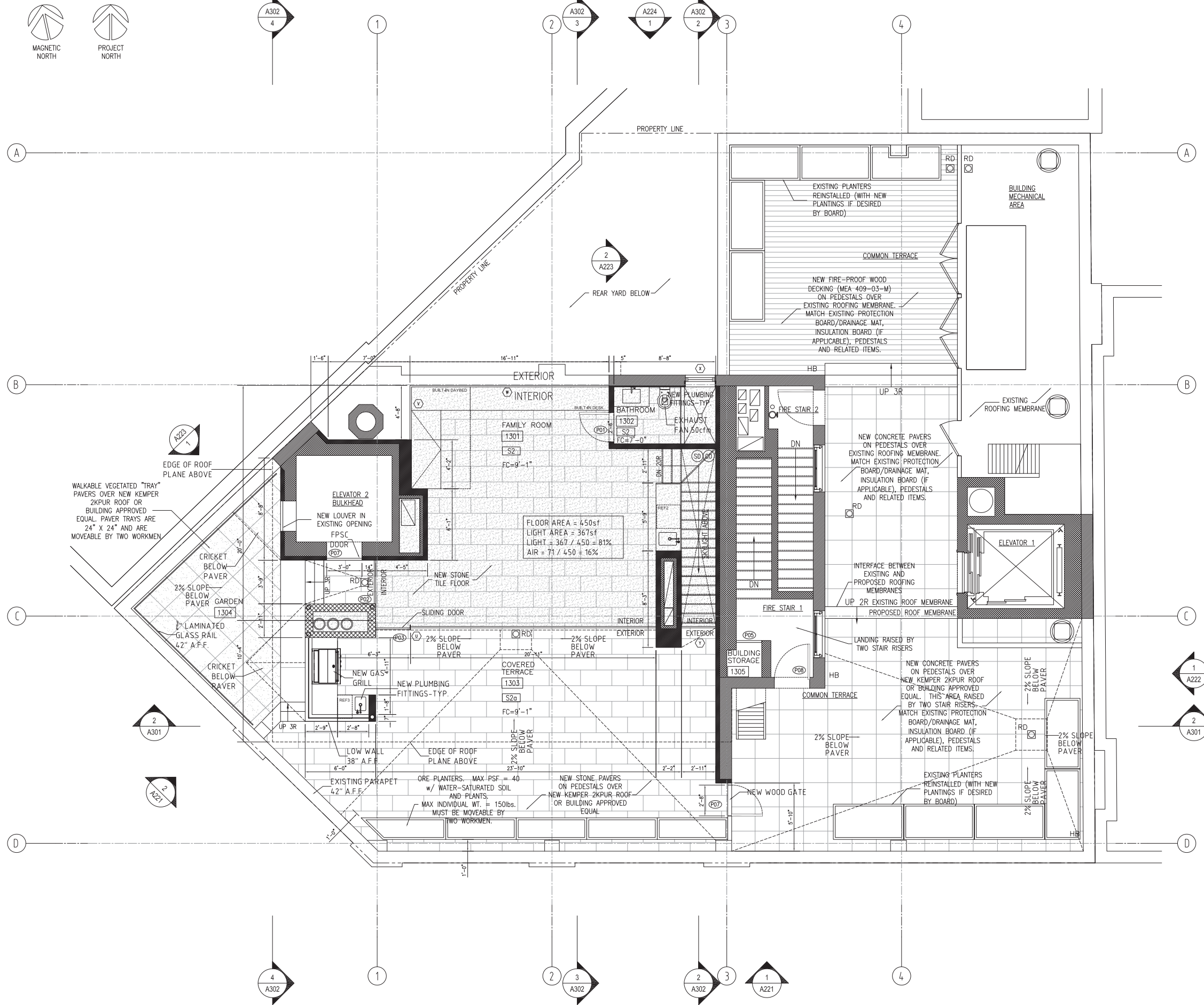
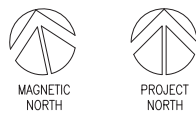
- 1 DEMOLITION AND CONSTRUCTION IS TO BE PERFORMED WITH BUILDING COOPERATION AND IN ACCORDANCE WITH BUILDING REGULATIONS.
- 2 PRIOR TO DEMOLITION, PLUMBING AND ELECTRICAL WORK, CONTRACTOR IS TO CONSULT WITH BUILDING SUPER AND TAKE ALL PRECAUTIONS NOT TO DAMAGE OR INTERRUPT BUILDING SYSTEMS.
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- 7 REMOVE ALL EXISTING HVAC EQUIPMENT.
- 8 REMOVE EXISTING EXTERIOR STONE PAVERS AND PEDESTALS.



**147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE**

EXISTING / DEMOLITION PLAN  
PENTHOUSE  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS

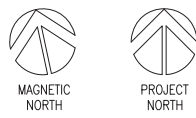




**147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE**

**PROPOSED PLAN  
PENTHOUSE**  
SCALE: 1/4" = 1'-0"  
11' x 17' SHEET NTS

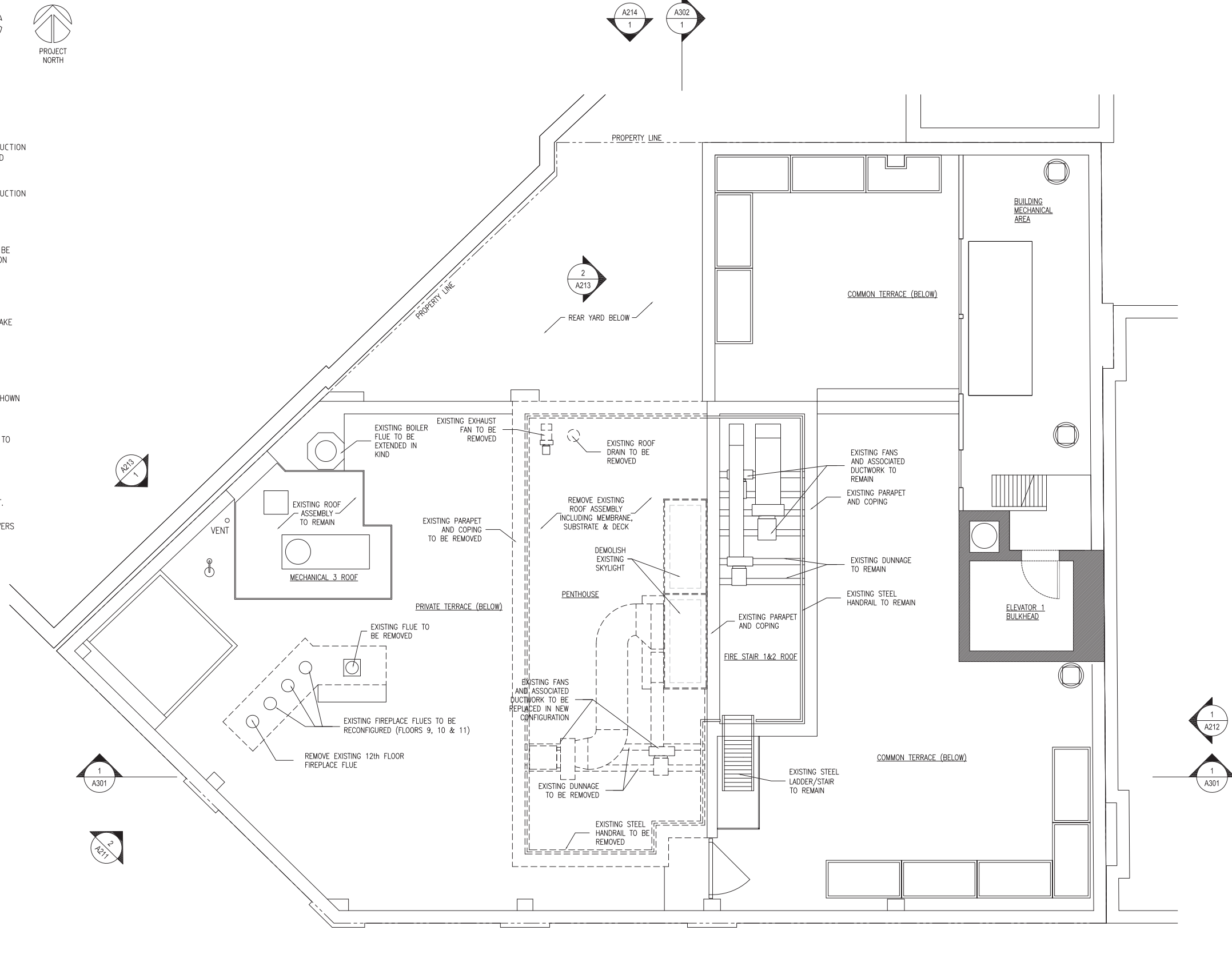




HATCH LEGEND

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING CONSTRUCTION TO REMAIN

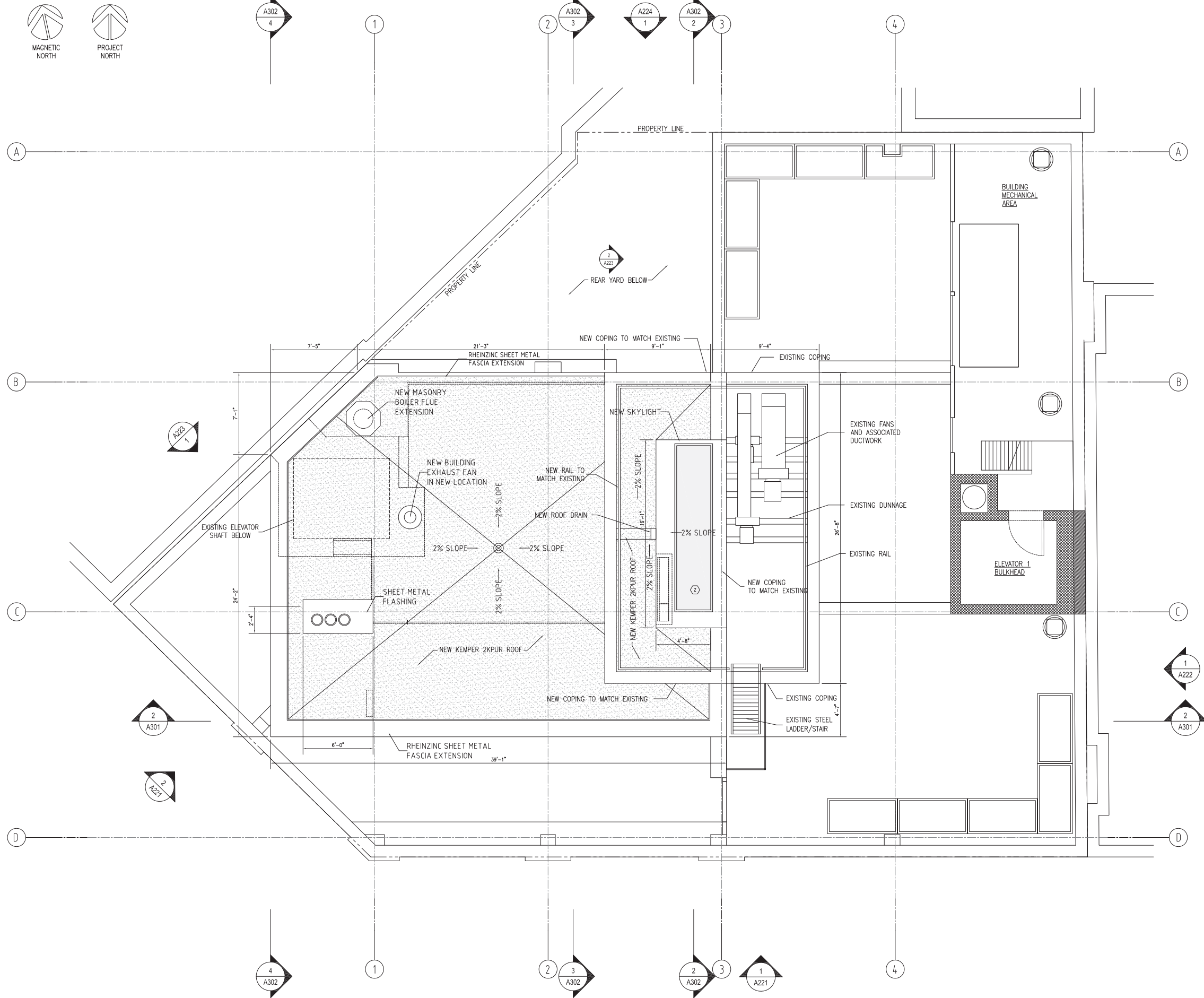
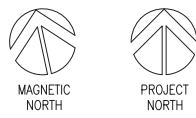
- 1 DEMOLITION AND CONSTRUCTION IS TO BE PERFORMED WITH BUILDING COOPERATION AND IN ACCORDANCE WITH BUILDING REGULATIONS.
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147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE

EXISTING / DEMOLITION PLAN  
ROOF  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS





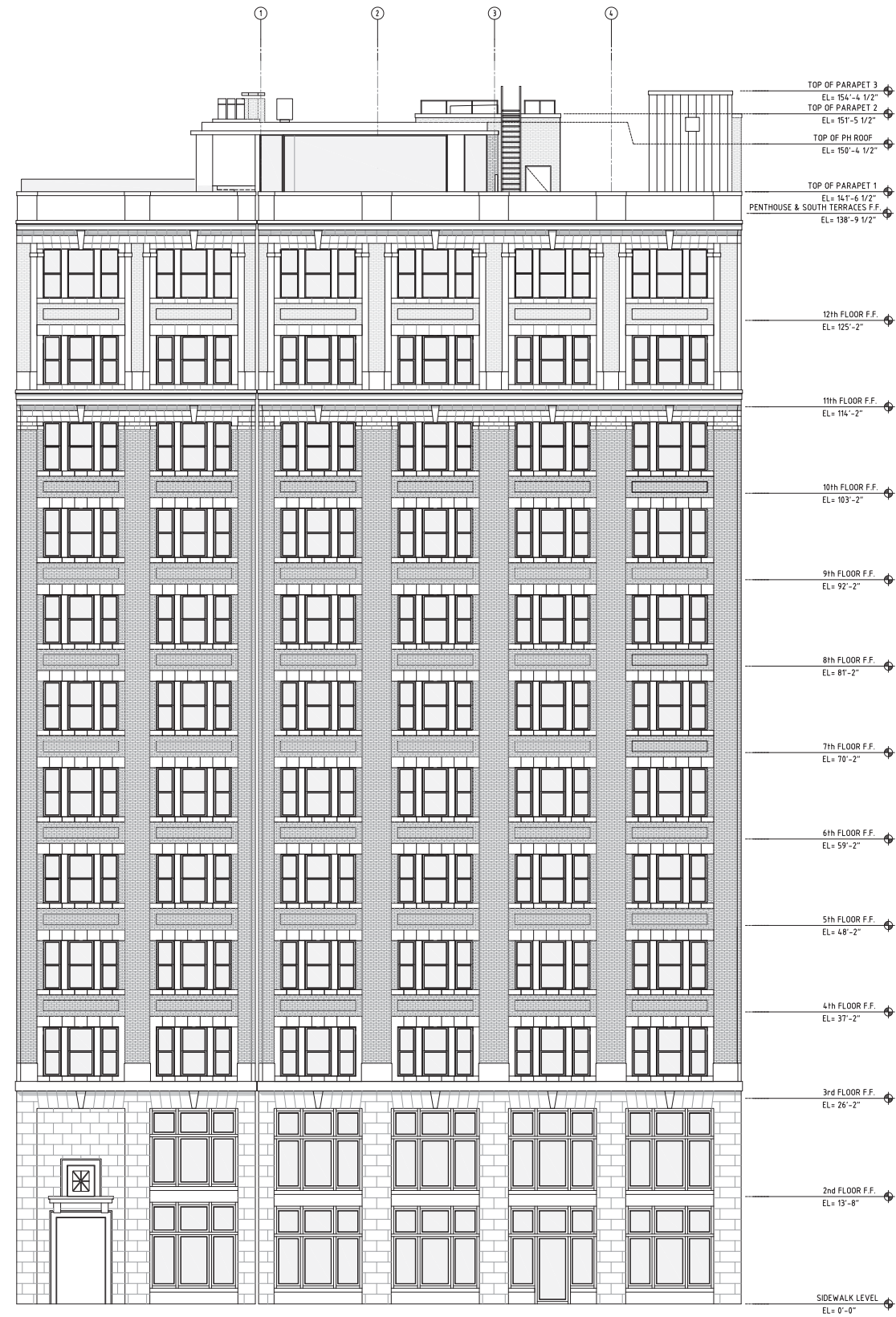
**147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE**

**PROPOSED PLAN  
ROOF**  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS





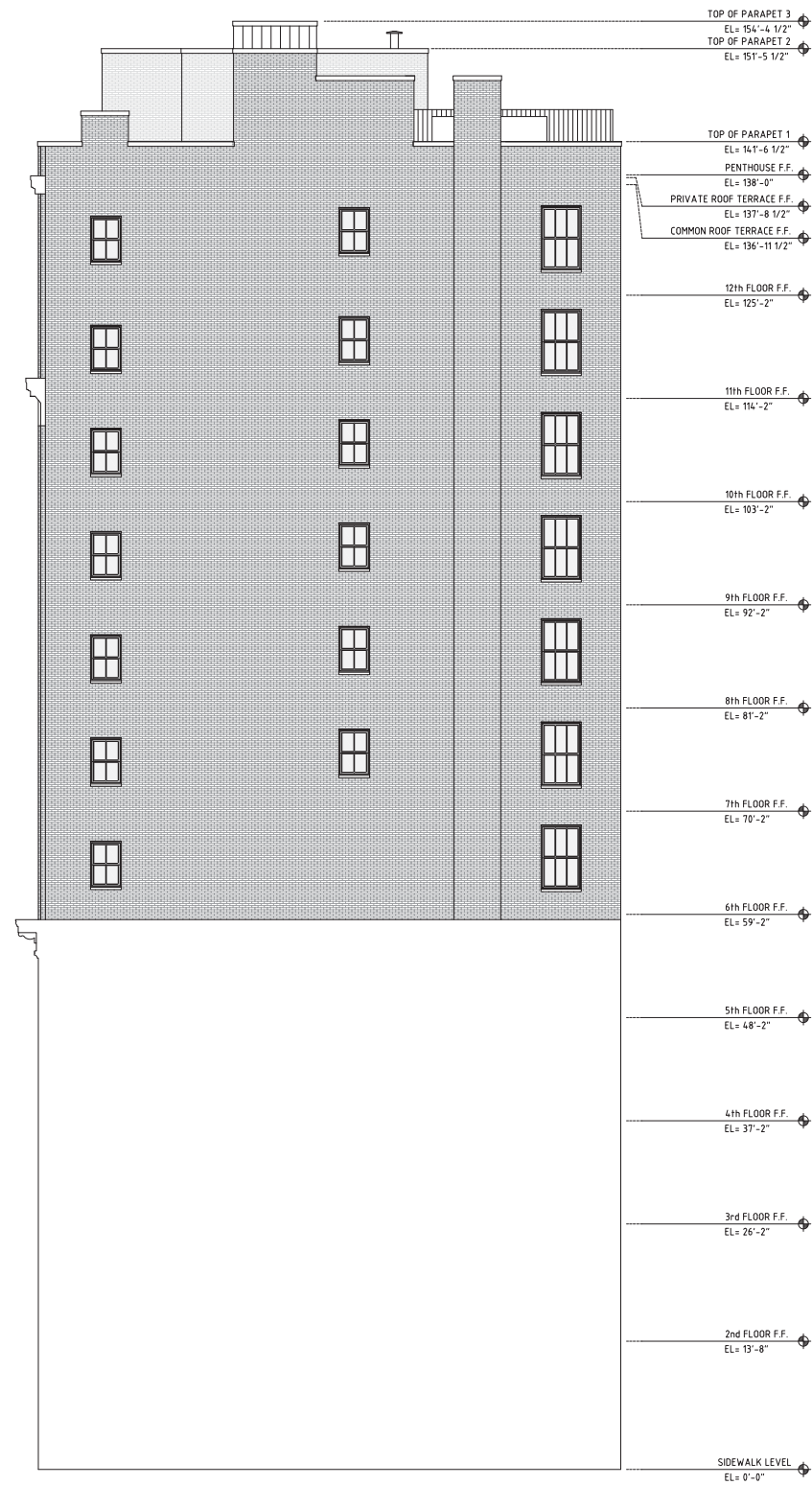
EXISTING SOUTH ELEVATION - LOOKING NORTH FROM WAVERLY PLACE  
NTS



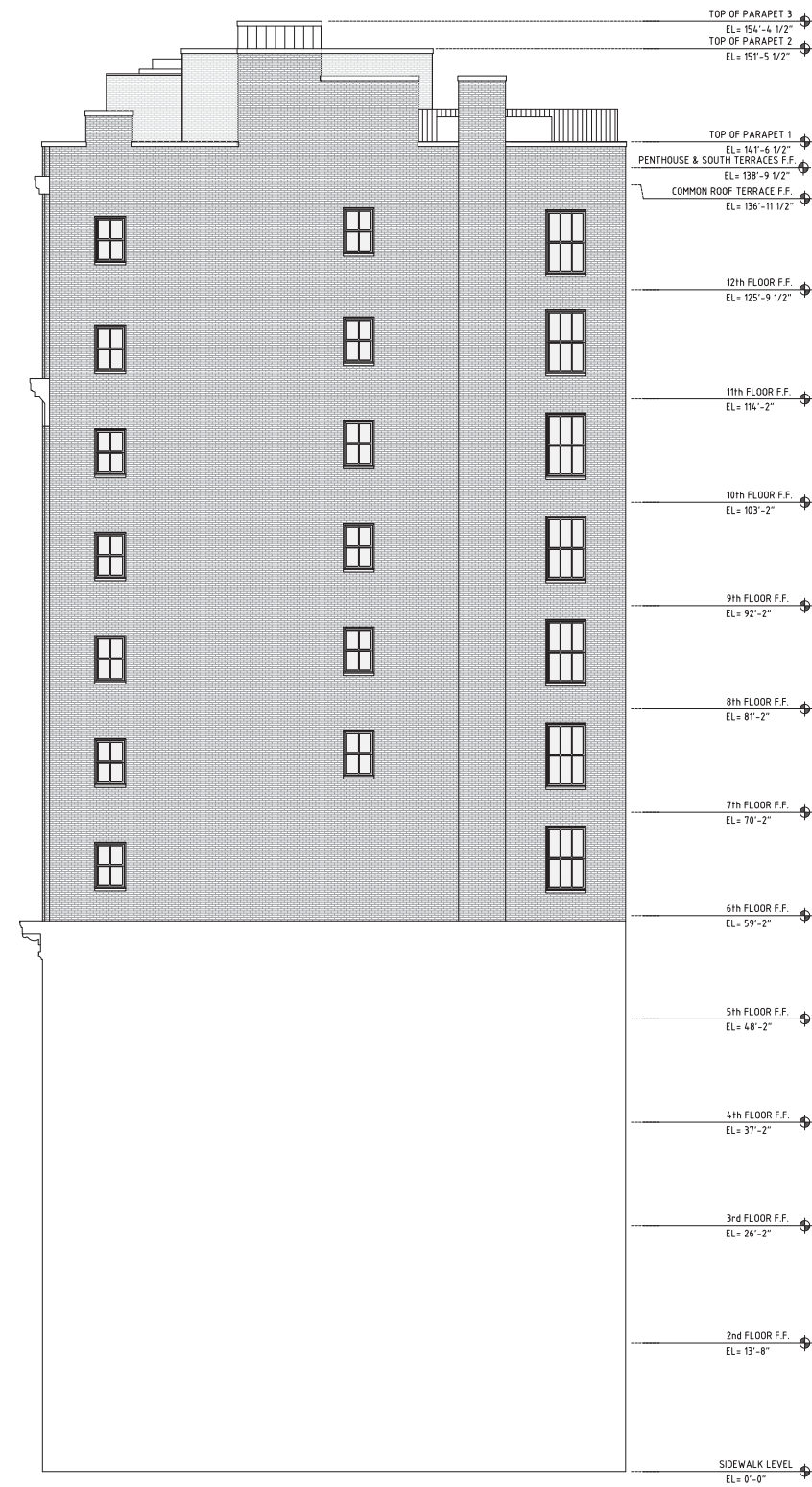
PROPOSED SOUTH ELEVATION - LOOKING NORTH FROM WAVERLY PLACE  
NTS

## 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE





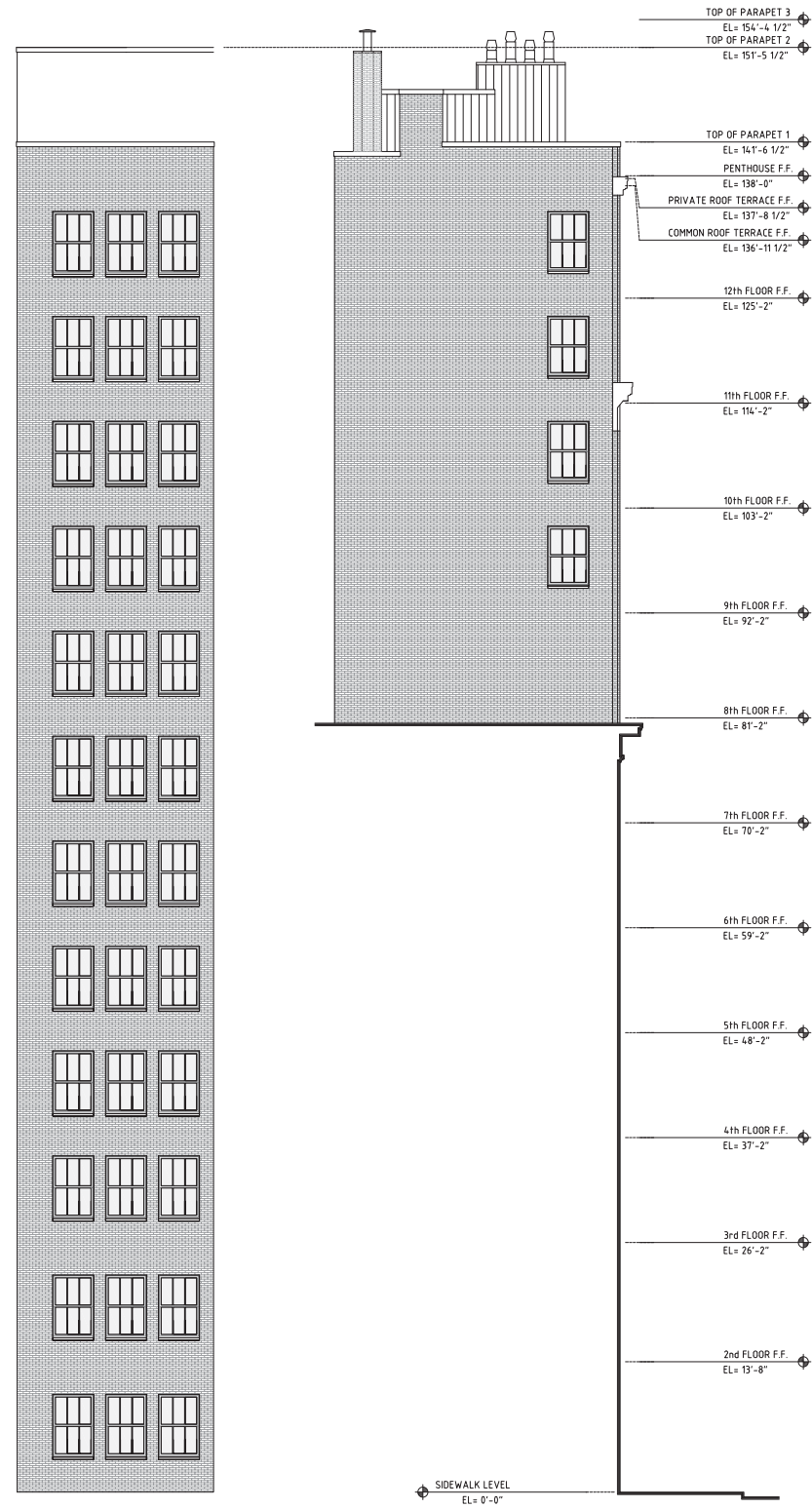
EXISTING EAST ELEVATION - LOOKING WEST FROM GAY STREET  
NTS



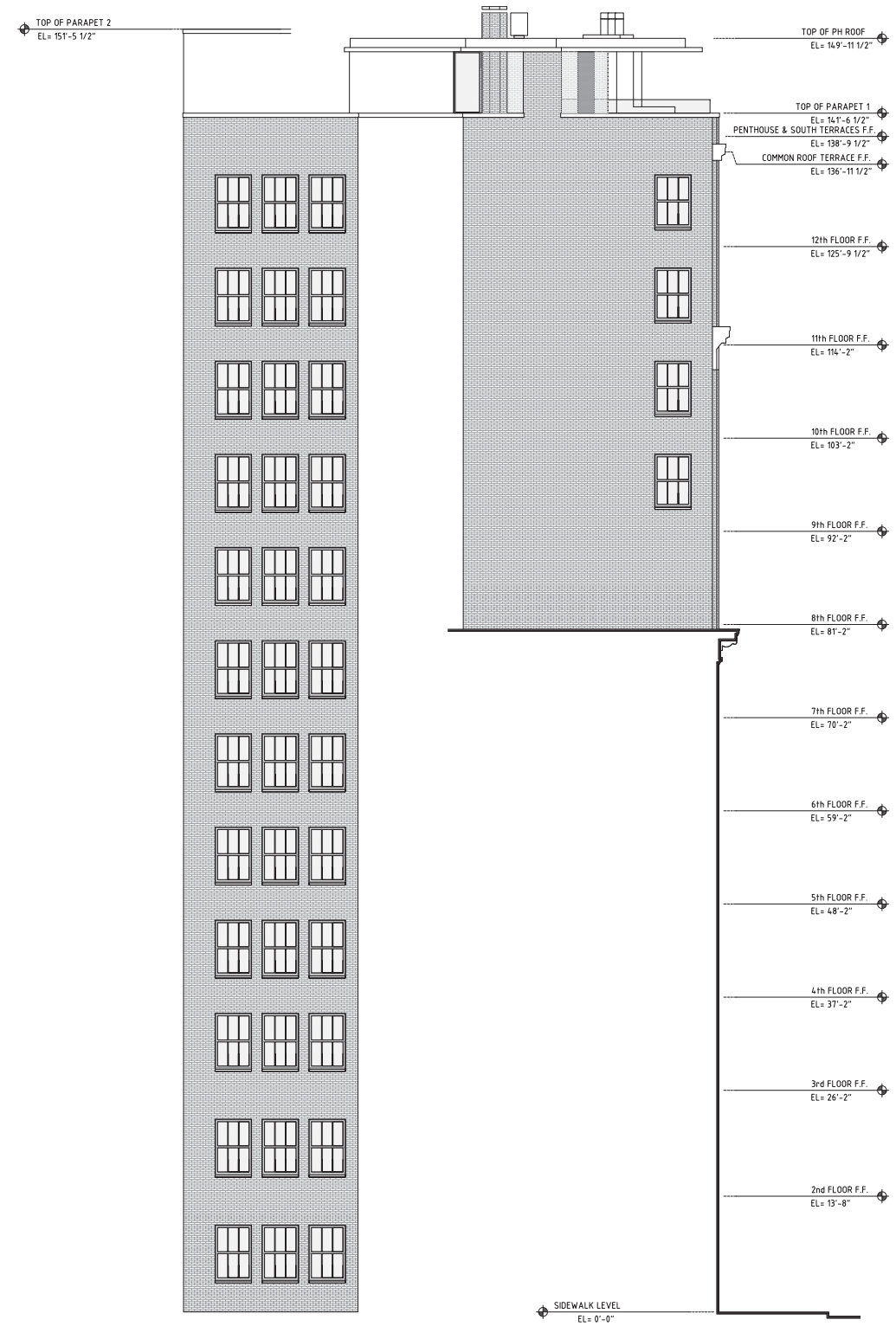
PROPOSED EAST ELEVATION - LOOKING WEST FROM GAY STREET  
NTS

## 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE



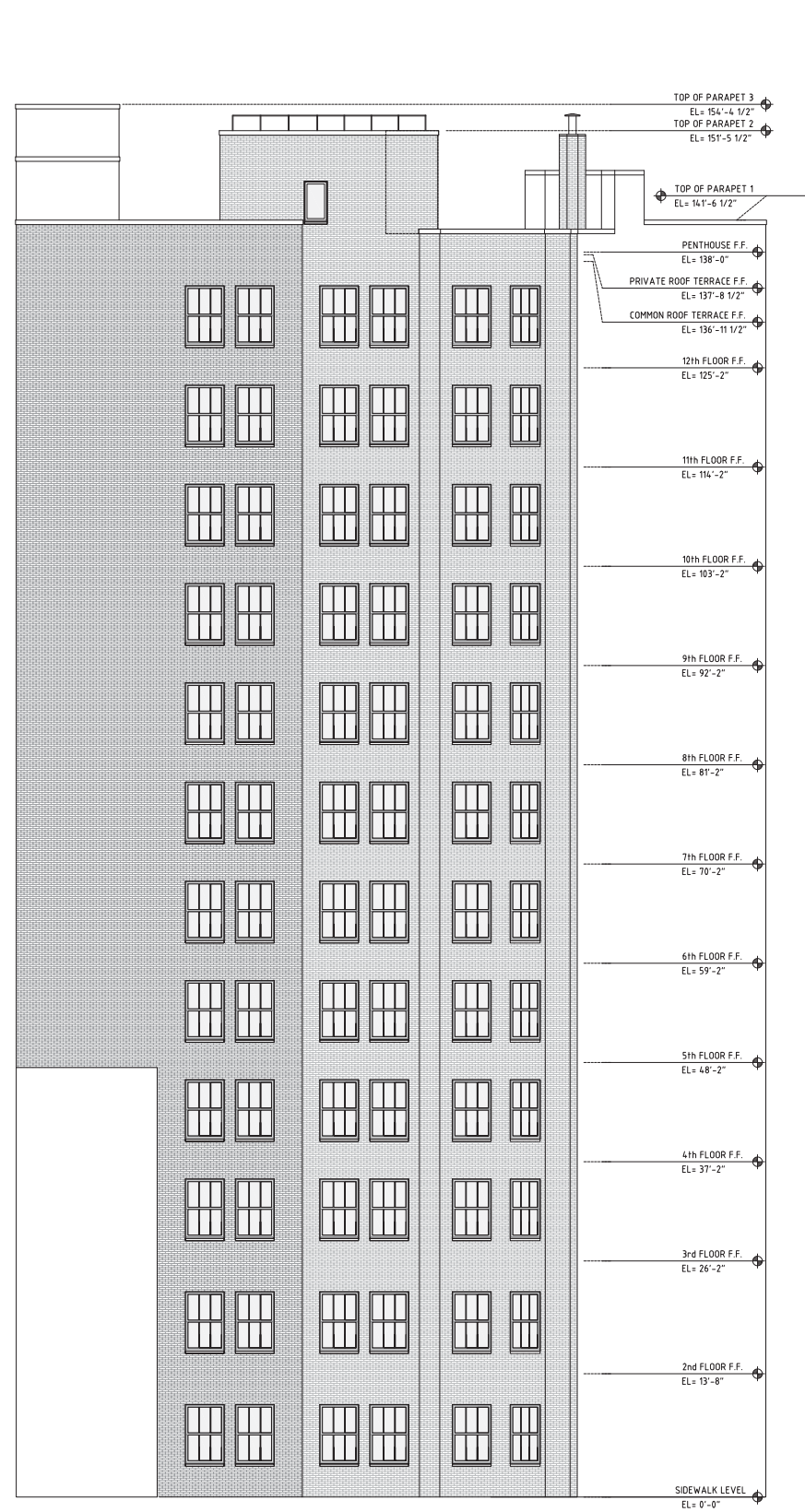


EXISTING WEST ELEVATION - LOOKING EAST FROM WAVERLY PLACE  
NTS

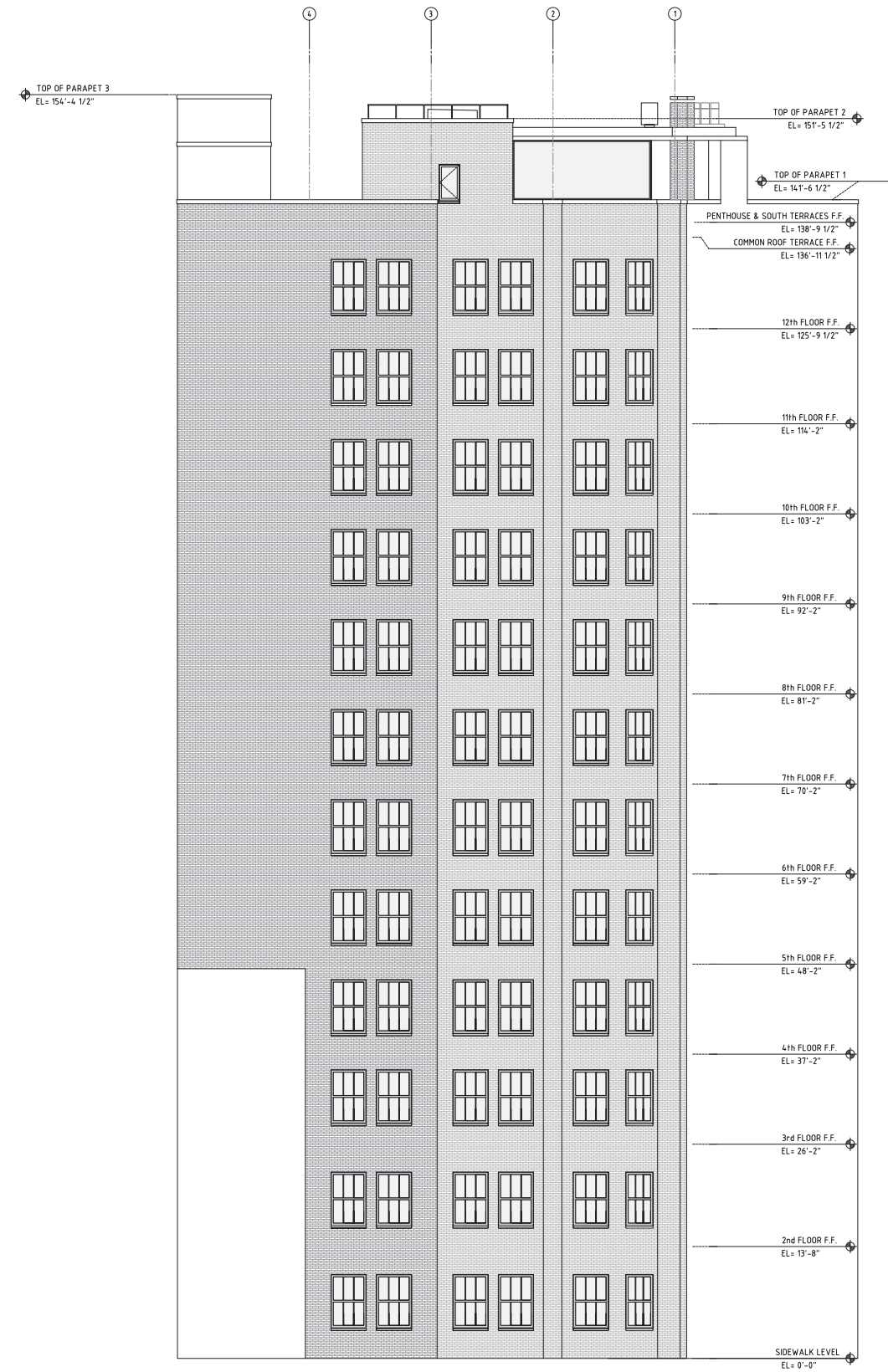


PROPOSED WEST ELEVATION - LOOKING EAST FROM WAVERLY PLACE  
NTS

## 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE



EXISTING NORTH ELEVATION - LOOKING SOUTH FROM CHRISTOPHER STREET  
NTS



PROPOSED NORTH ELEVATION - LOOKING SOUTH FROM CHRISTOPHER STREET  
NTS

## 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE





TAX PHOTO 1940



TAX PHOTO 1980

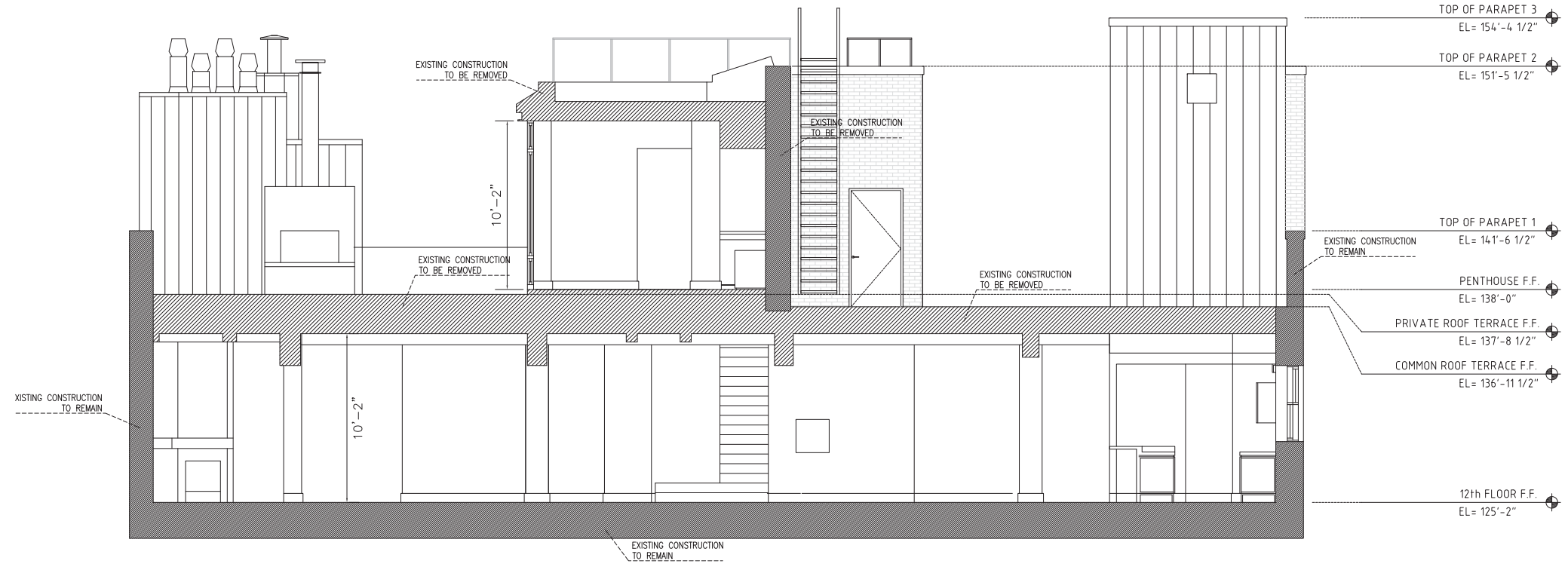


HISTORICAL PHOTOGRAPHS

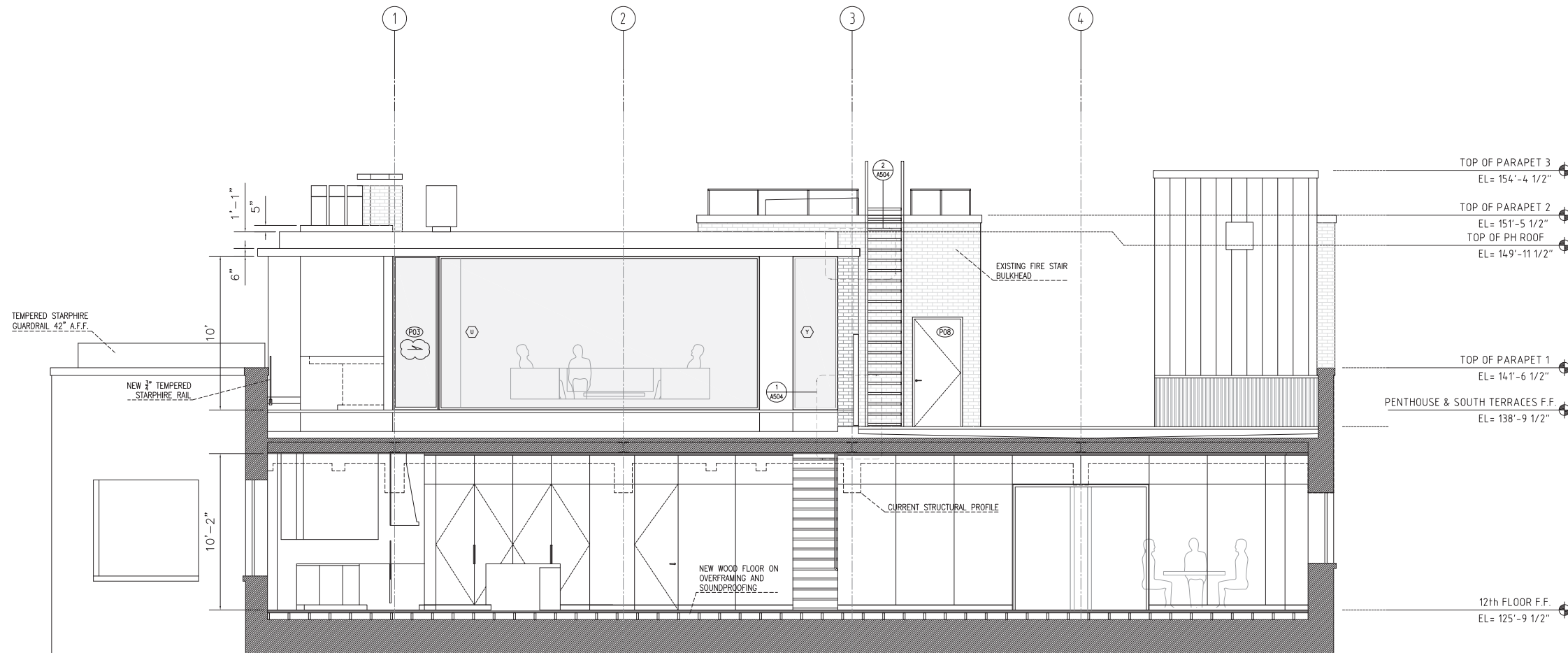
#153  
 (#147-153) This twelve-story steel framed structure, the "Waverly Building," was erected in 1911-12 for Martha and Agnes Hall and designed by Jardine, Kent & Hill. The first two floors are of smooth stone (ashlar) construction with deep window reveals and a handsome door with small window above. The upper floors are of brick with an interesting arrangement of vertical piers contrasted with the horizontality of the windows and the brick spandrel panels below them. The building on a corner site reflects the oblique angle of the street.

DESIGNATION REPORT

147 WAVERLY PLACE  
 12TH FLOOR & PENTHOUSE



EXISTING EAST-WEST SECTION  
1/4"=1'-0" ①

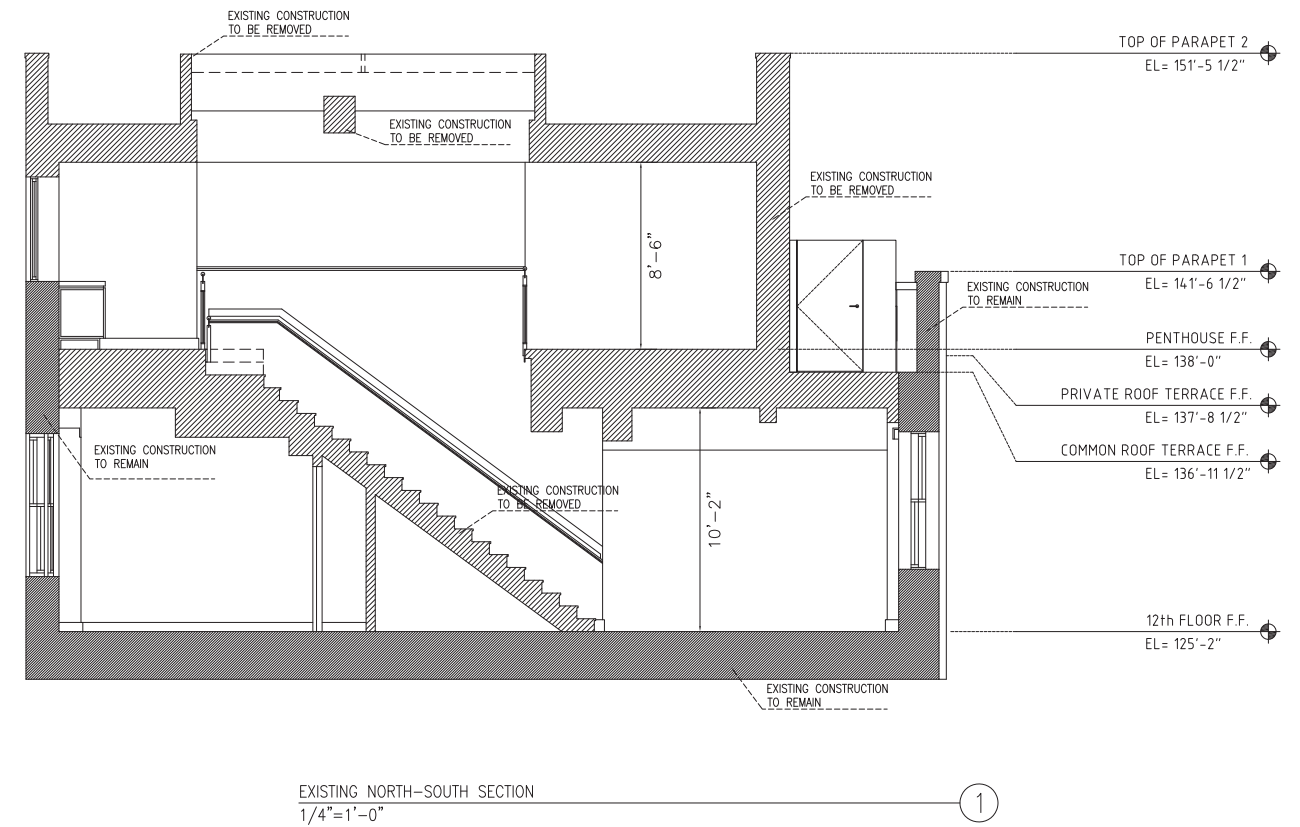
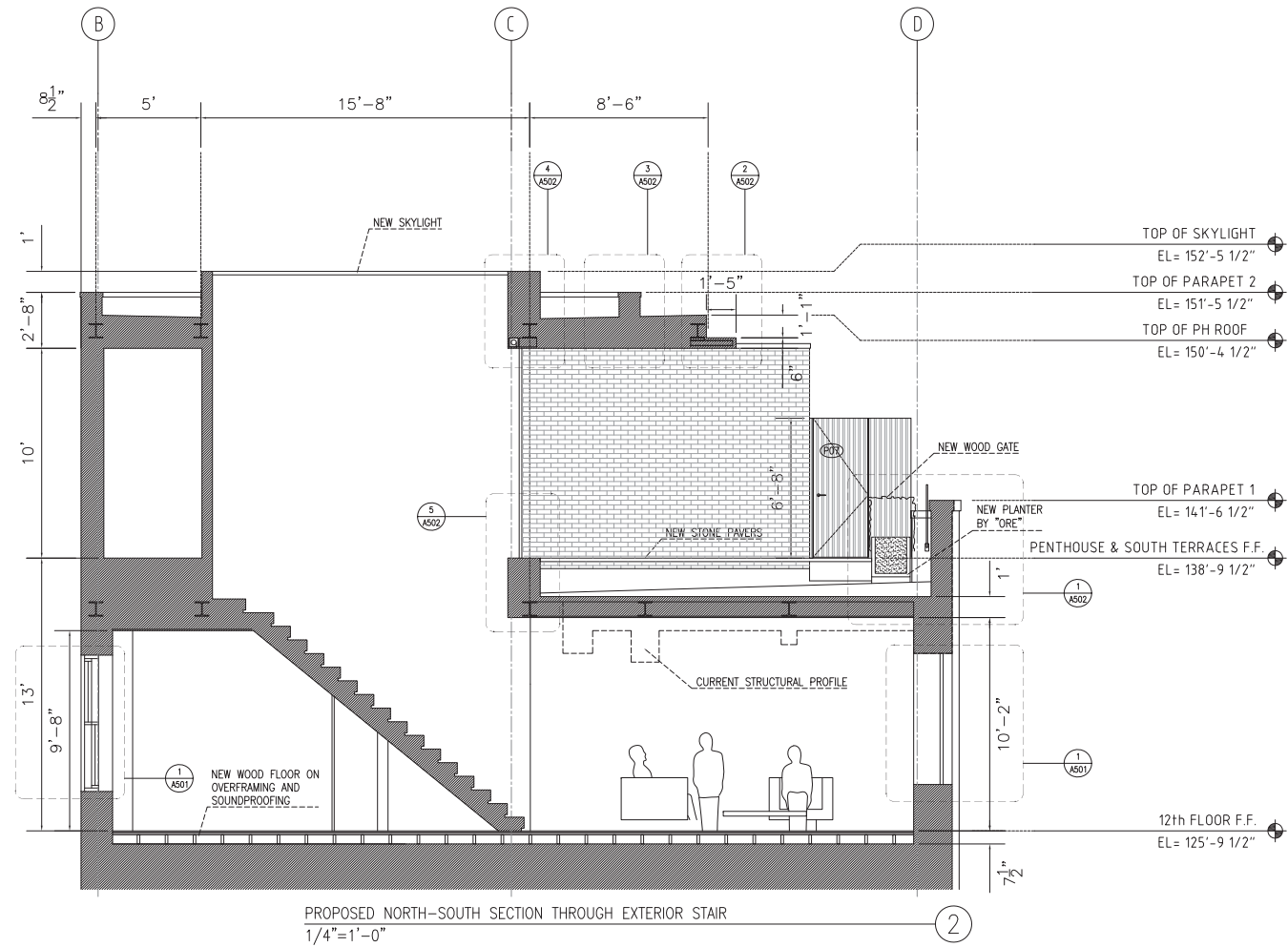


PROPOSED EAST-WEST SECTION  
1/4"=1'-0" ②

EXISTING AND PROPOSED  
EAST-WEST SECTIONS  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS

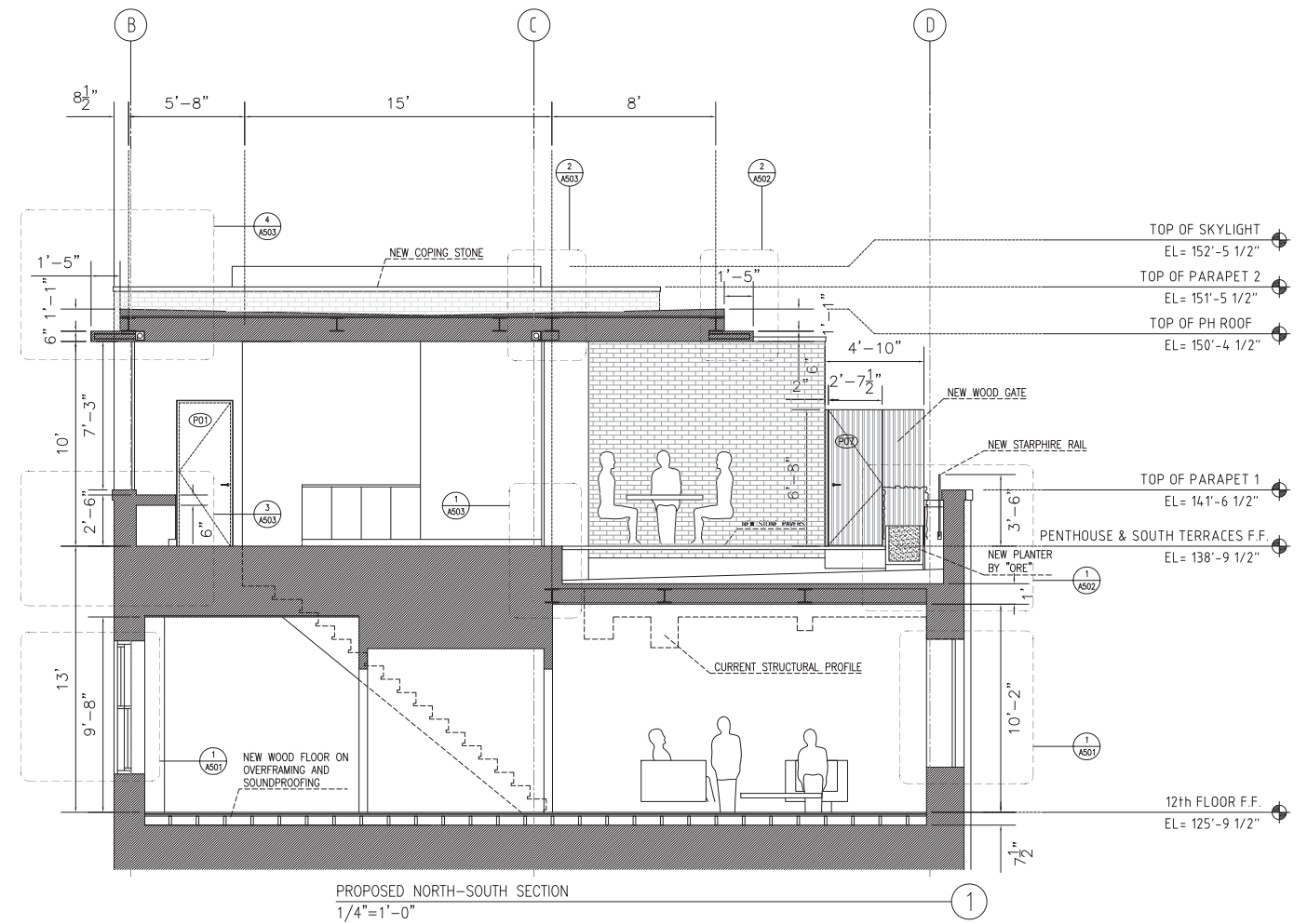
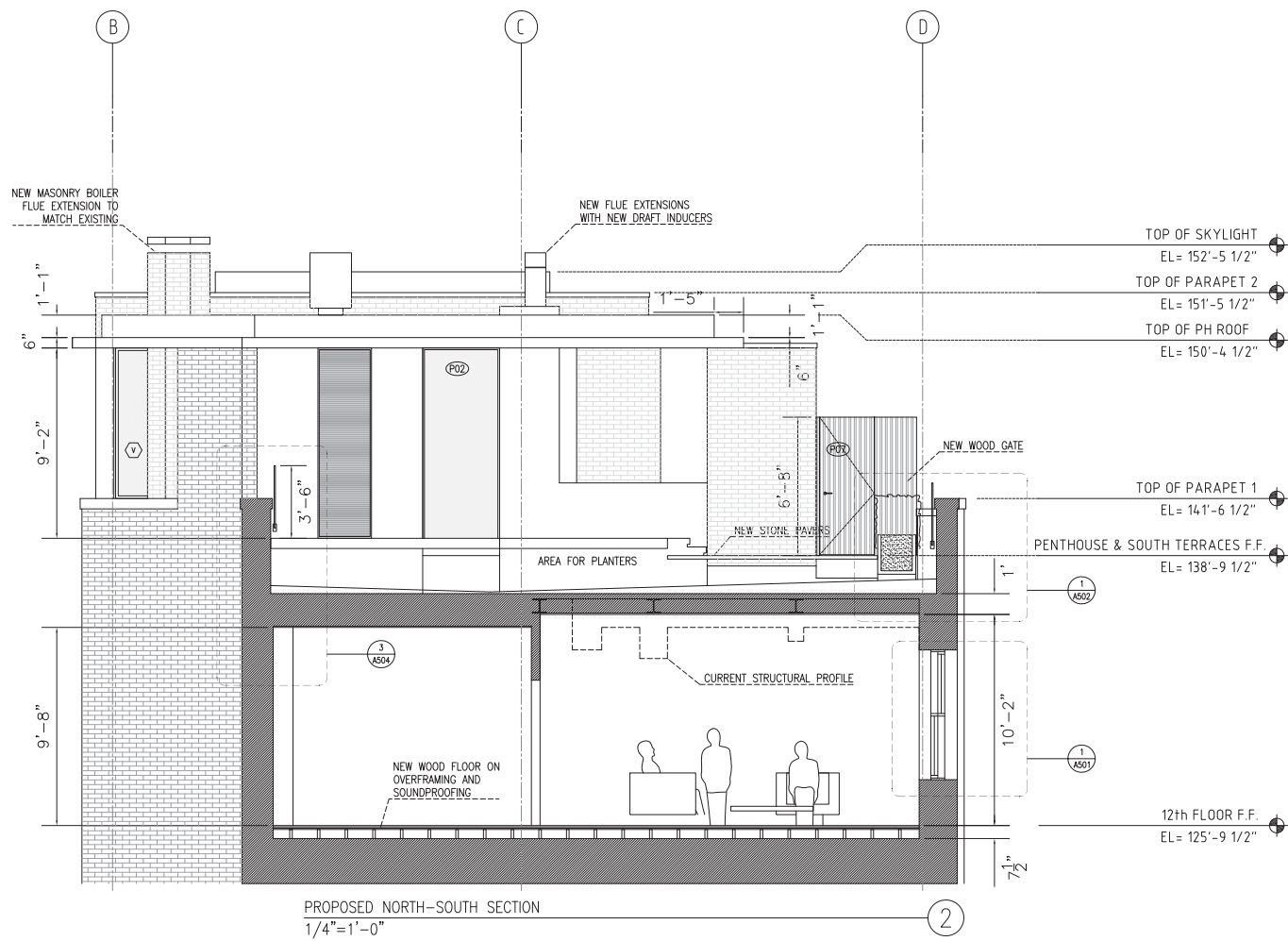
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





# 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE

EXISTING AND PROPOSED  
NORTH-SOUTH SECTIONS  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS



# 147 WAVERLY PLACE 12TH FLOOR & PENTHOUSE

EXISTING AND PROPOSED  
SECTIONS  
SCALE: 1/4" = 1'-0"  
11" x 17" SHEET NTS





EXISTING WINDOWS ON SOUTH FACADE



EXISTING WINDOW DETAILS



EXISTING WINDOW DETAILS

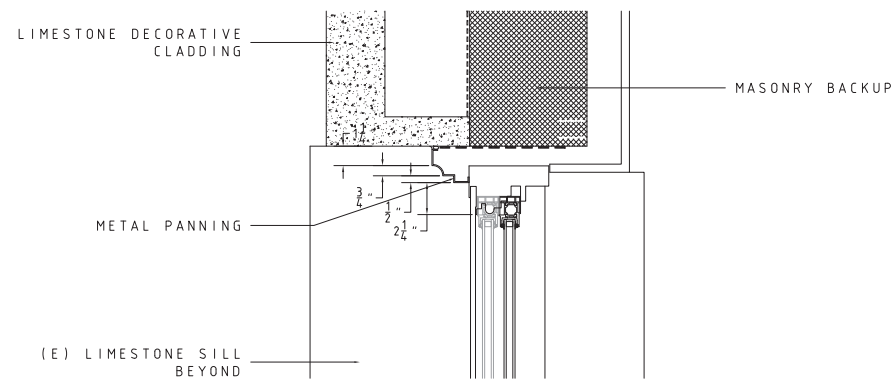


EXISTING WINDOW DETAILS

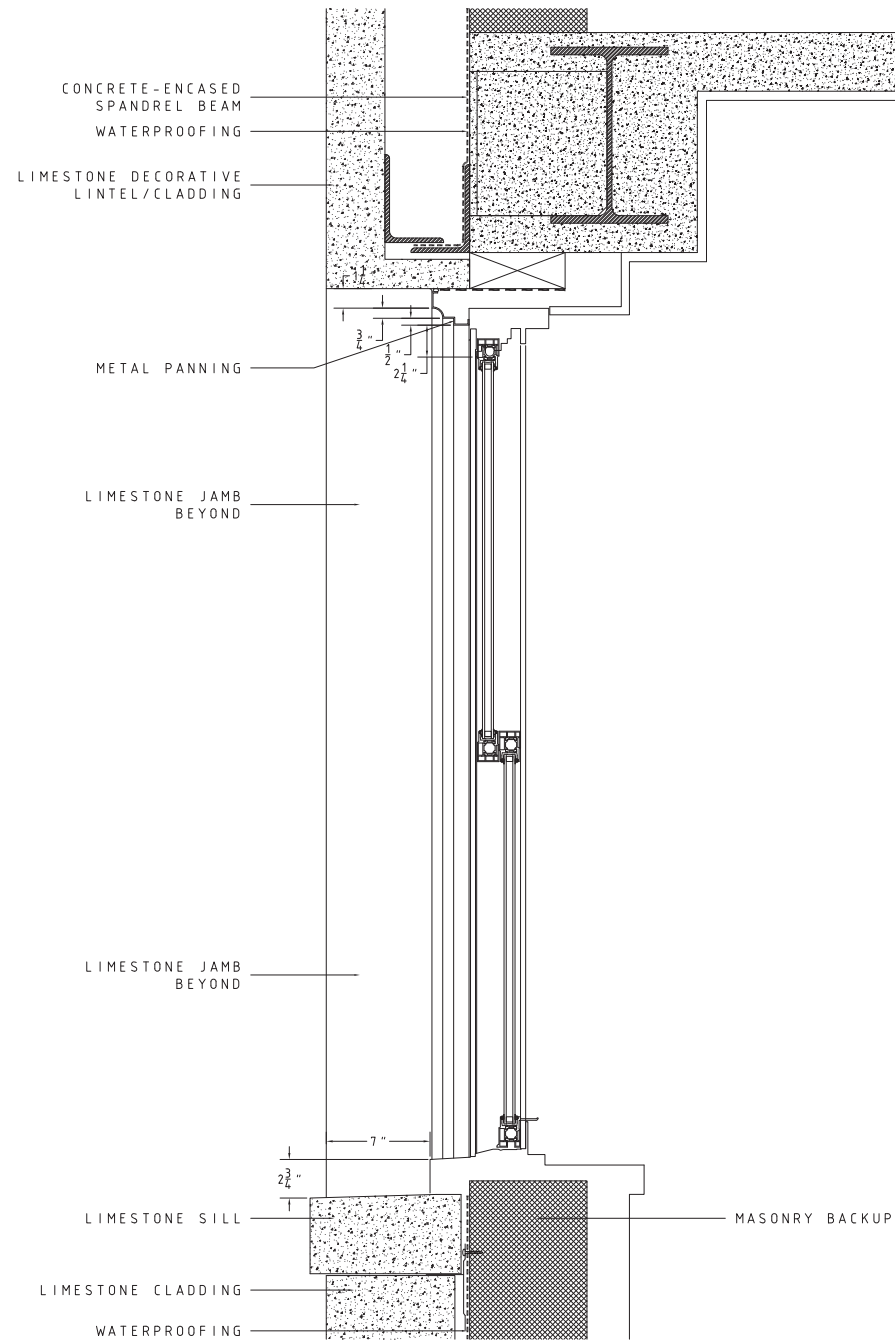
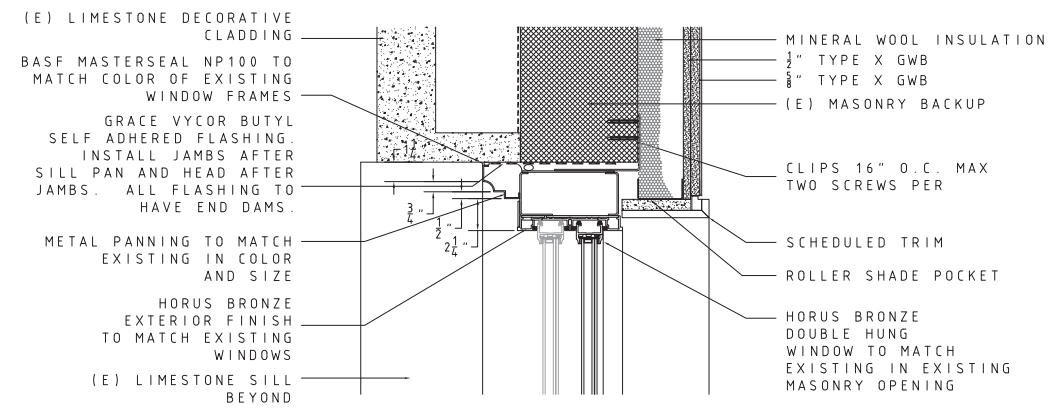


EXISTING WINDOW DETAILS

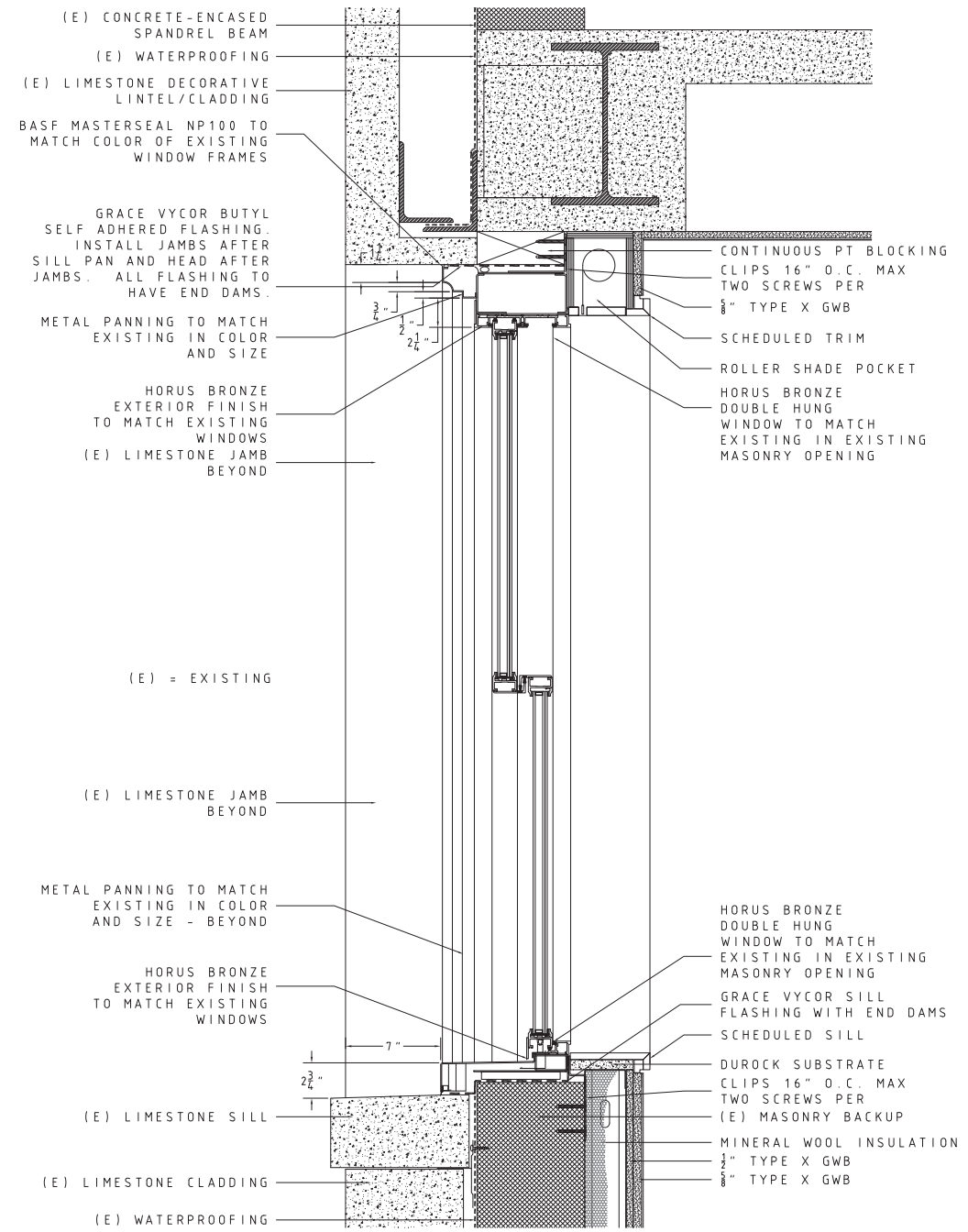
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE



JAMB



HEAD



SILL

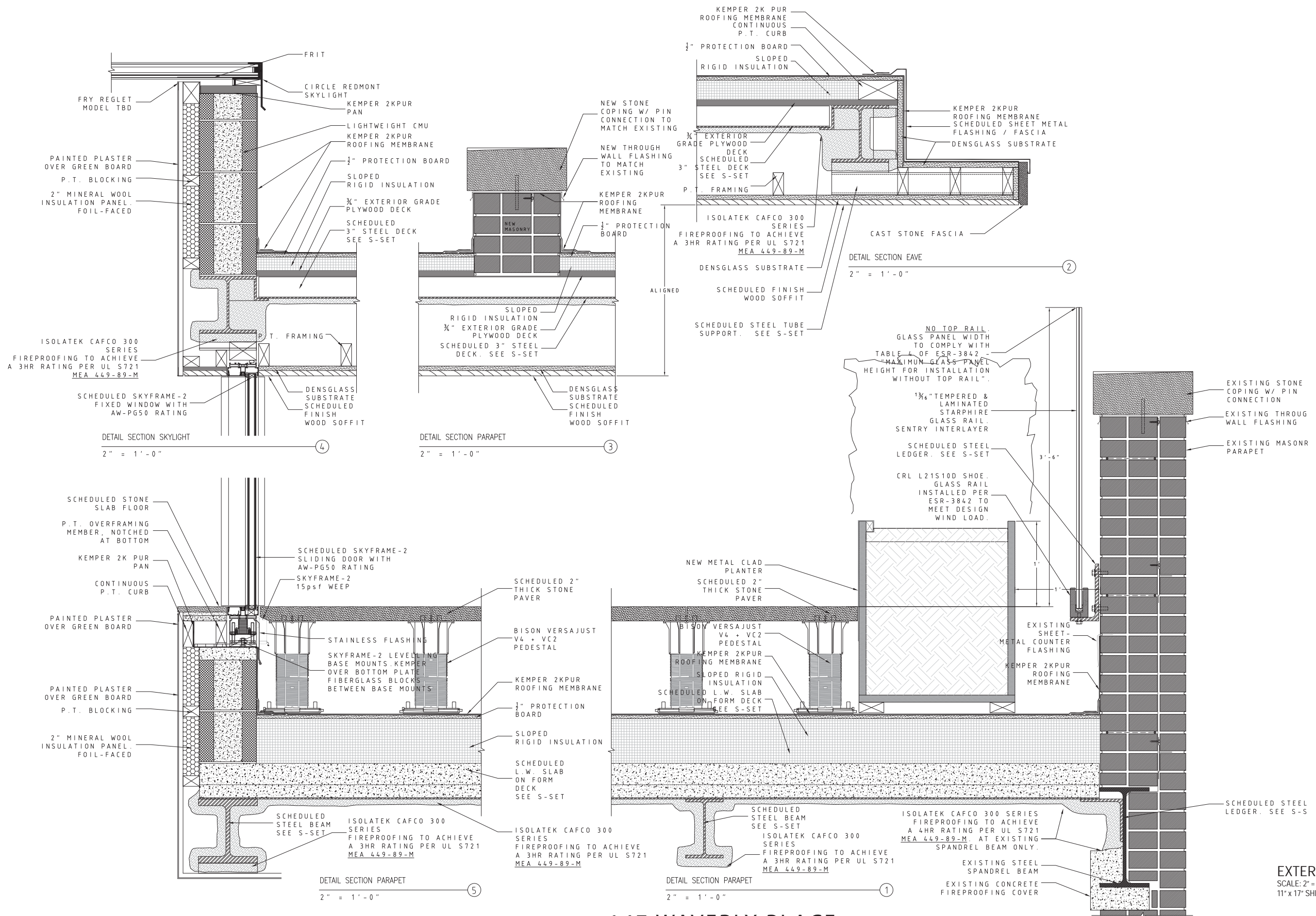
2 - EXISTING 12th FL WINDOW DETAILS

1 - PROPOSED 12th FL WINDOW DETAILS

EXTERIOR DETAILS  
SCALE: 2" = 1'-0"  
11"x 17" SHEET NTS

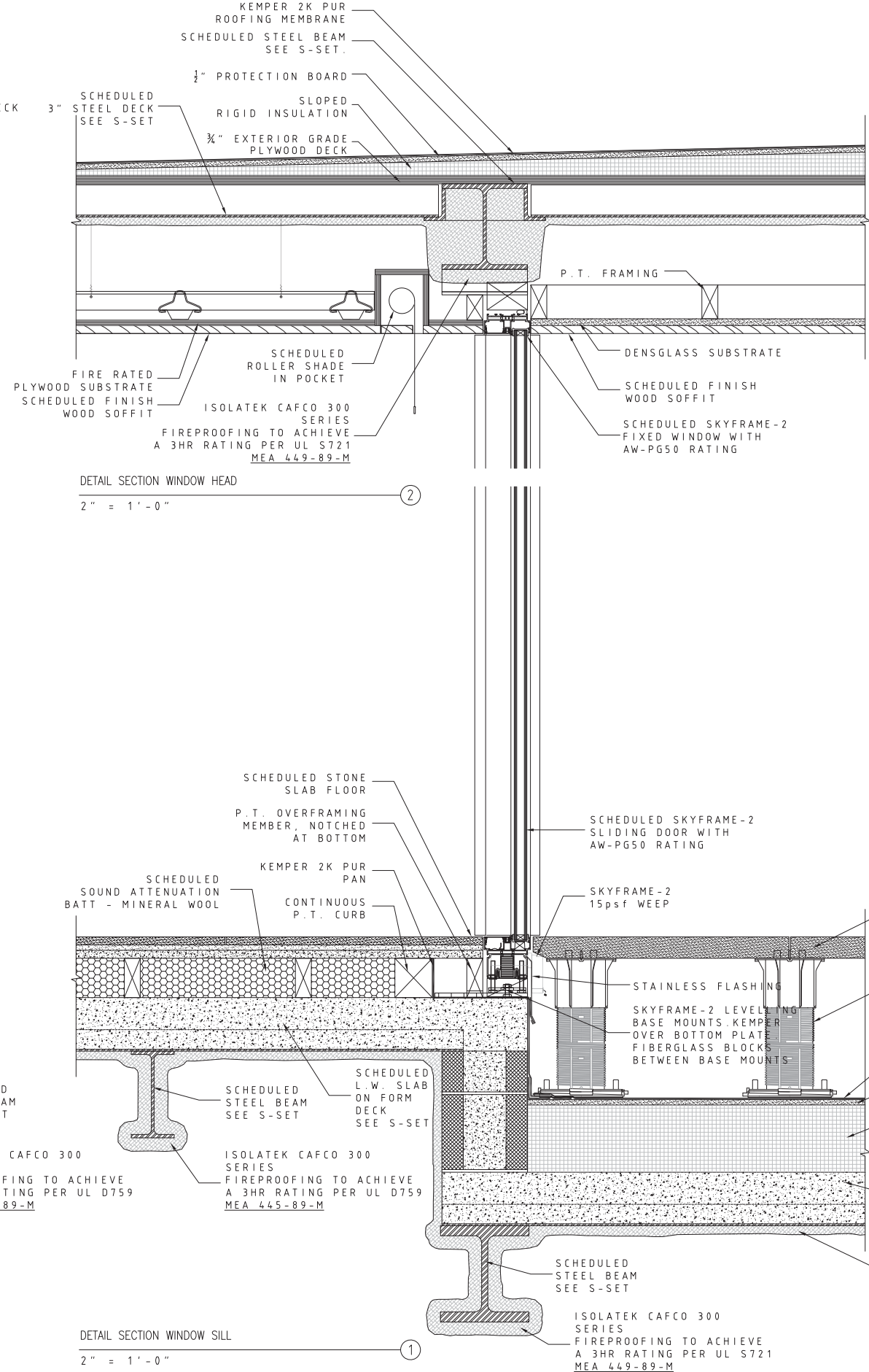
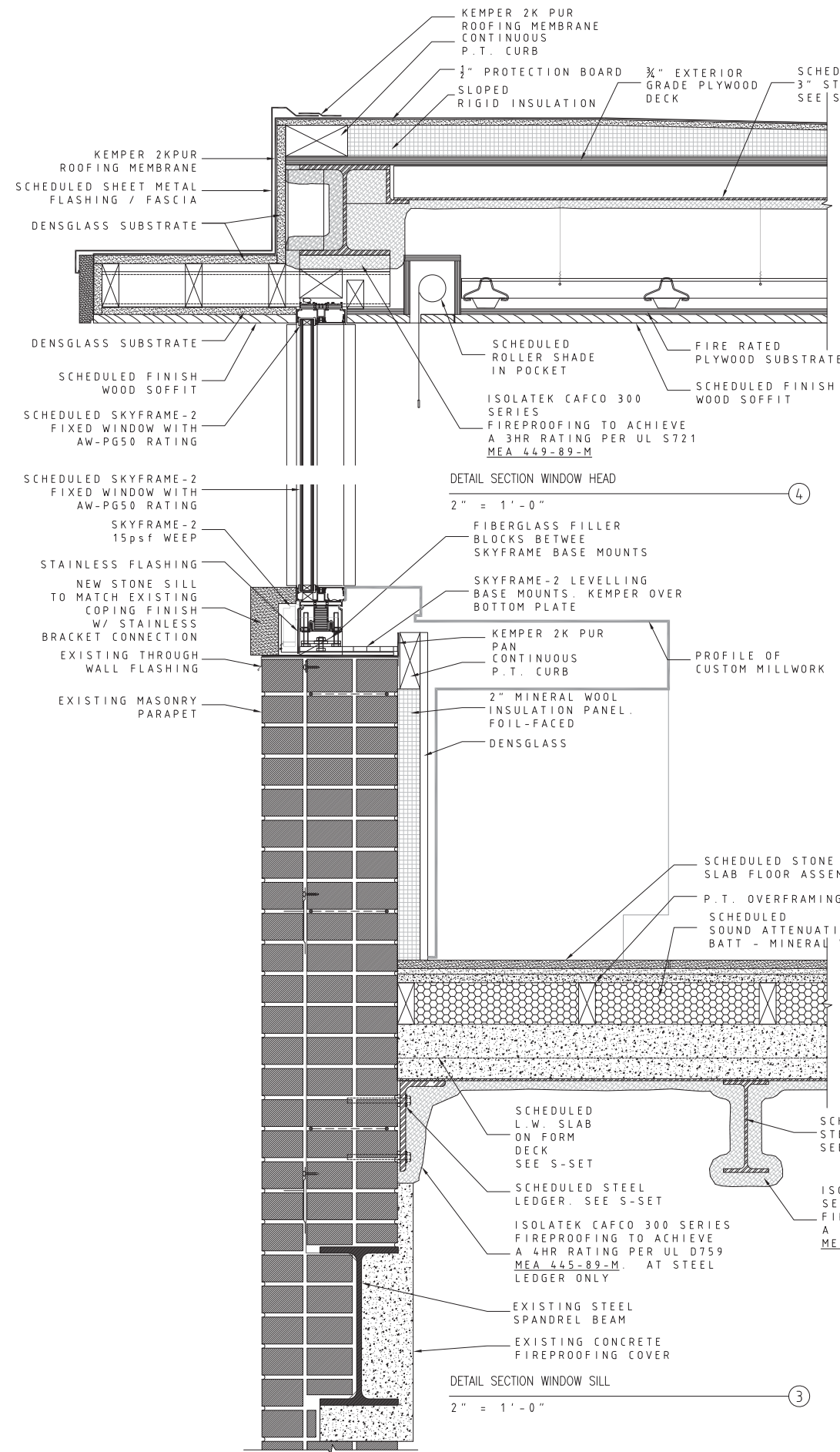
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE





EXTERIOR DETAILS  
SCALE: 2" = 1'-0"  
11"x17" SHEET NTS

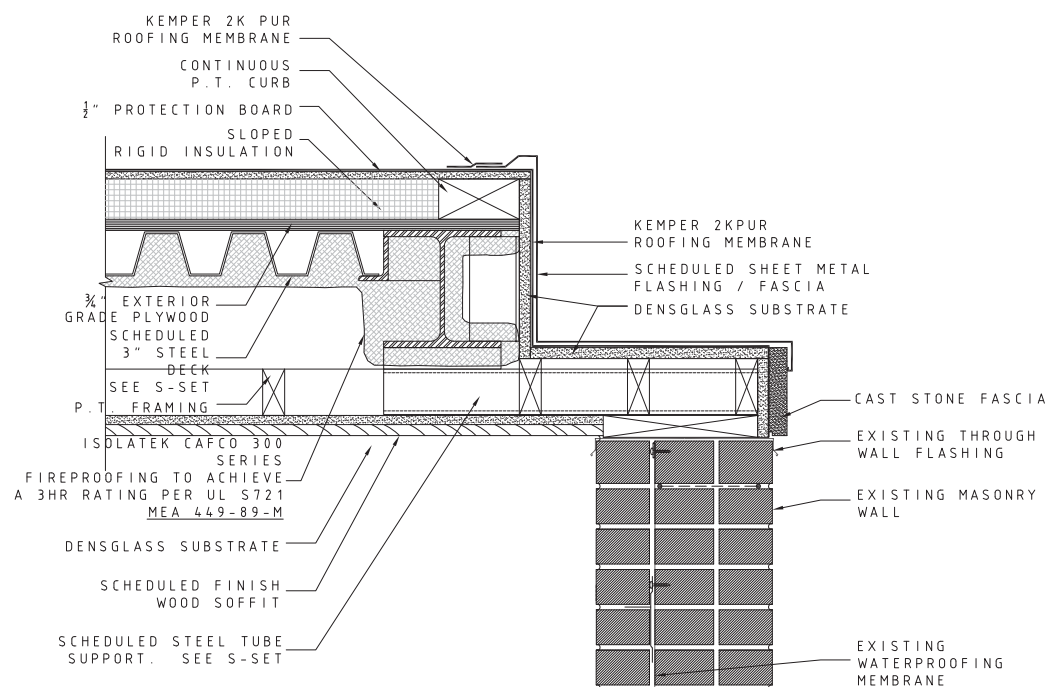
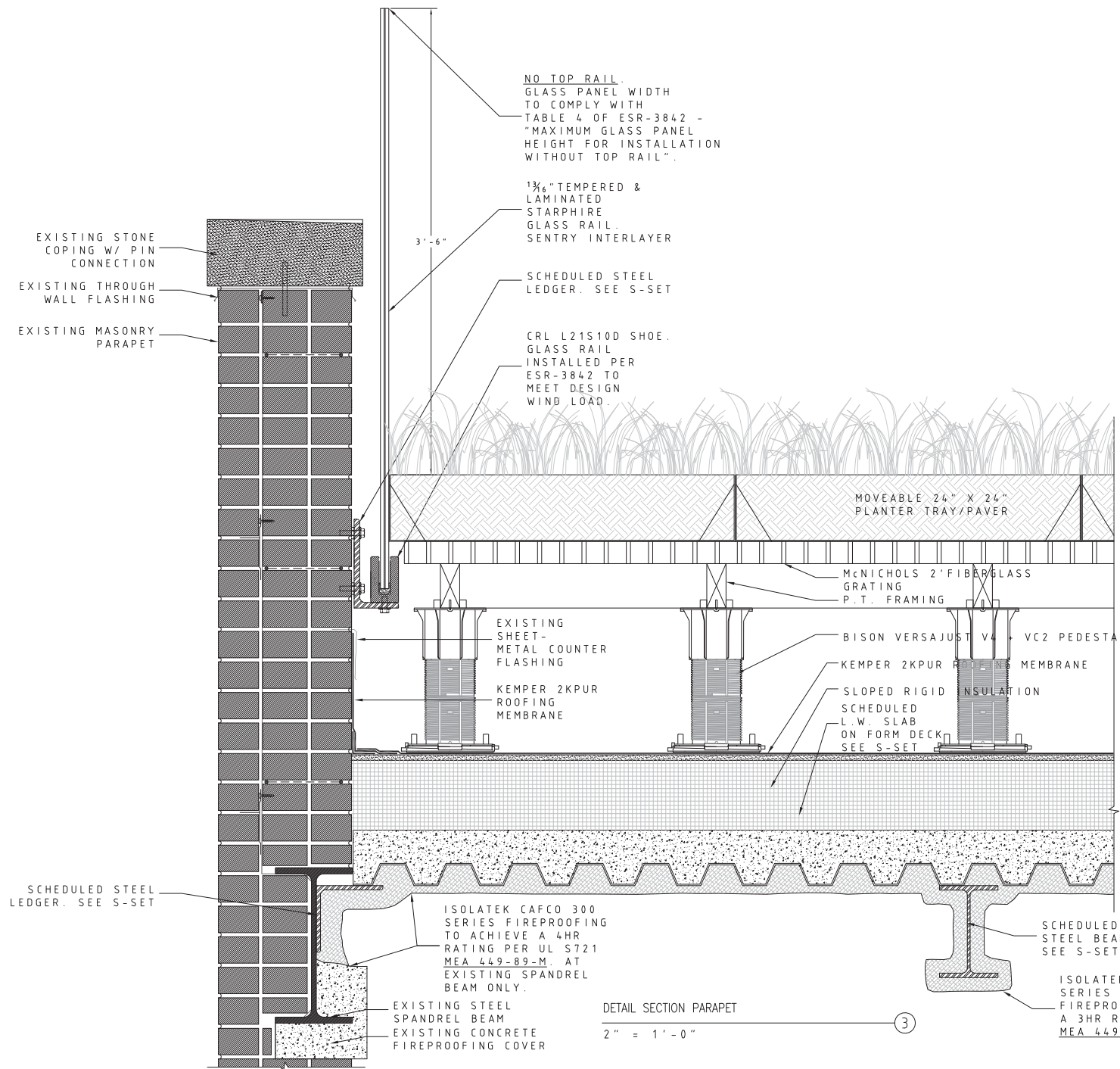
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE



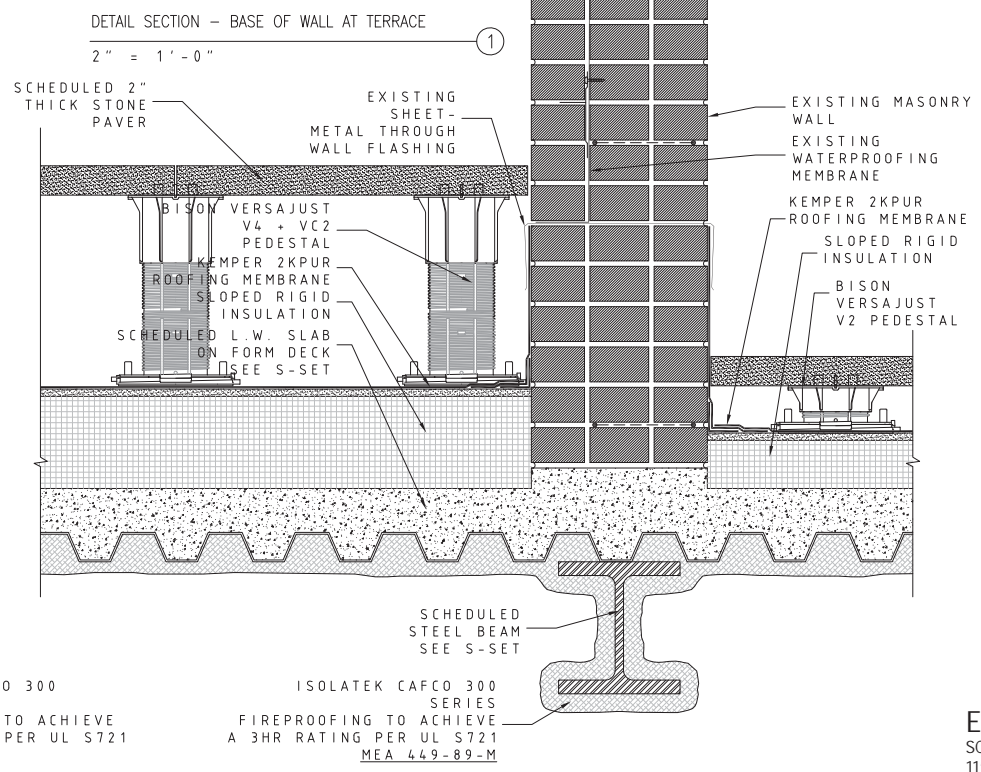
**147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE**

**EXTERIOR DETAILS**  
SCALE: 2" = 1'-0"  
11"x17" SHEET NTS





DETAIL SECTION EAVE  
2" = 1'-0"

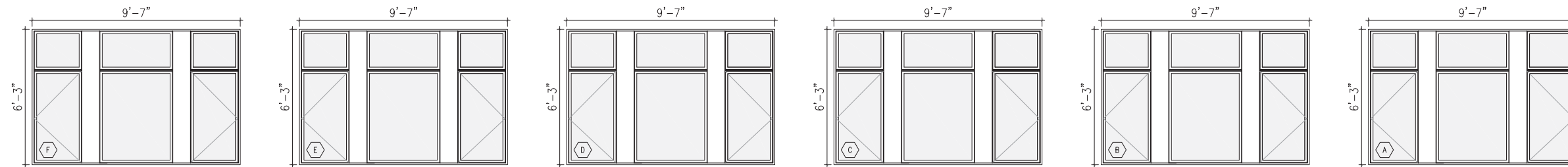


DETAIL SECTION - BASE OF WALL AT TERRACE  
2" = 1'-0"

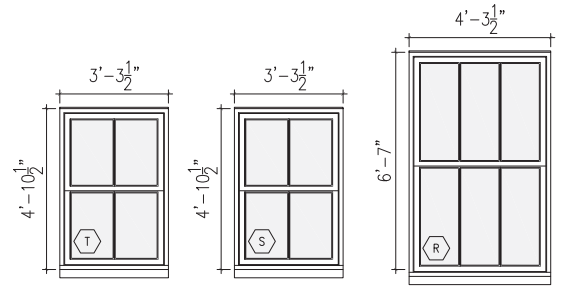
DETAIL SECTION PARAPET  
2" = 1'-0"

EXTERIOR DETAILS  
SCALE: 2" = 1'-0"  
11"x 17" SHEET NTS

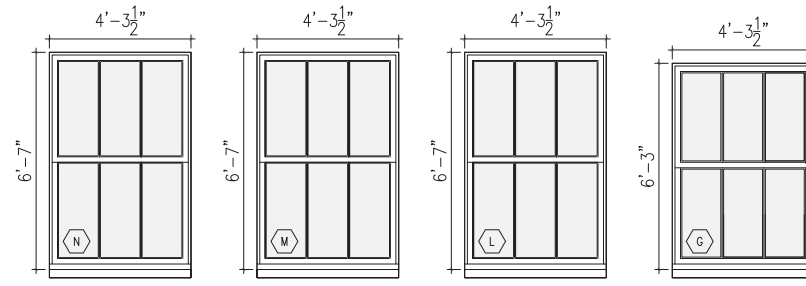
147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE



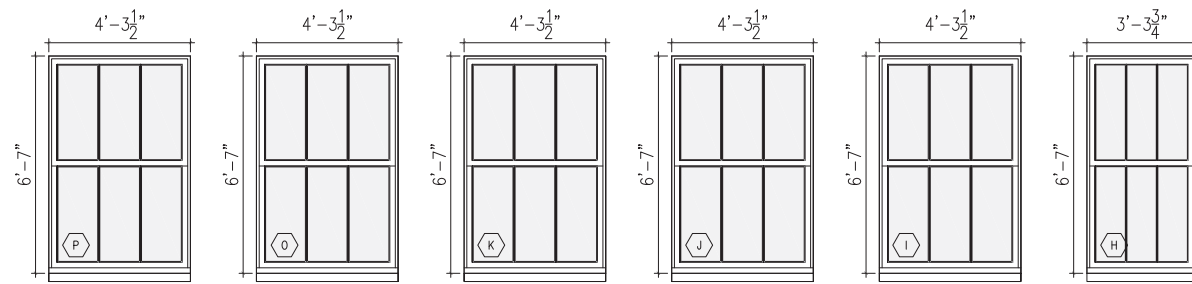
PROPOSED SOUTH WINDOWS - 12TH FLOOR



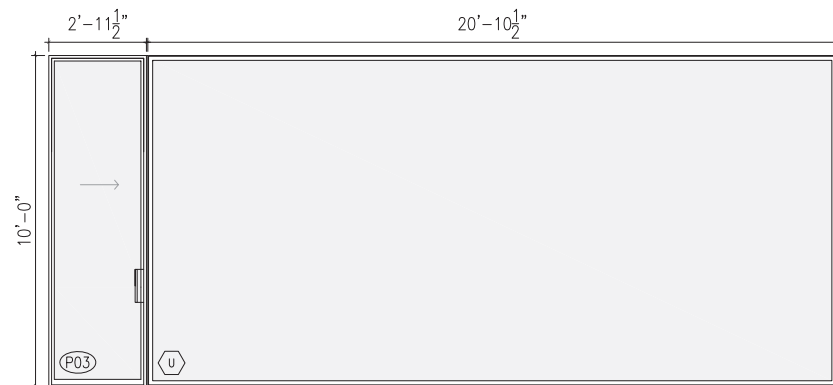
PROPOSED EAST WINDOWS - 12TH FLOOR



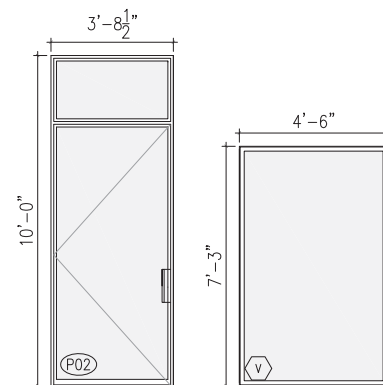
PROPOSED WEST WINDOWS - 12TH FLOOR



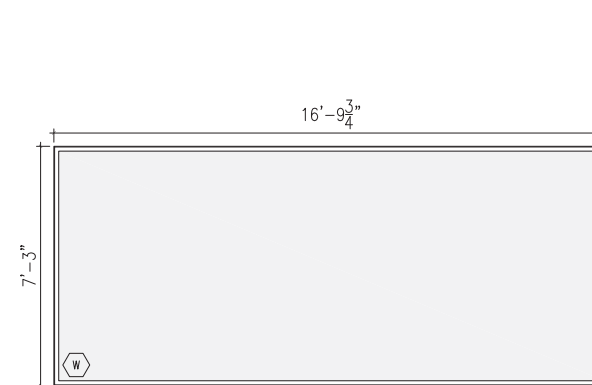
PROPOSED NORTH WINDOWS - 12TH FLOOR



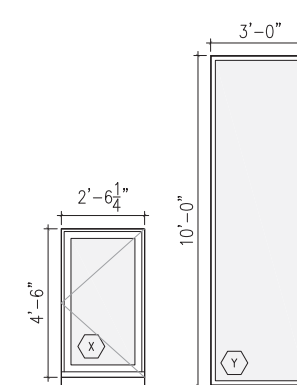
PROPOSED SOUTH WINDOWS - PENTHOUSE



PROPOSED WEST WINDOWS - PENTHOUSE



PROPOSED NORTH WINDOWS - PENTHOUSE



WINDOW TYPE ELEVATIONS  
 SCALE: 3/8" = 1'-0"  
 11" x 17" SHEET NTS

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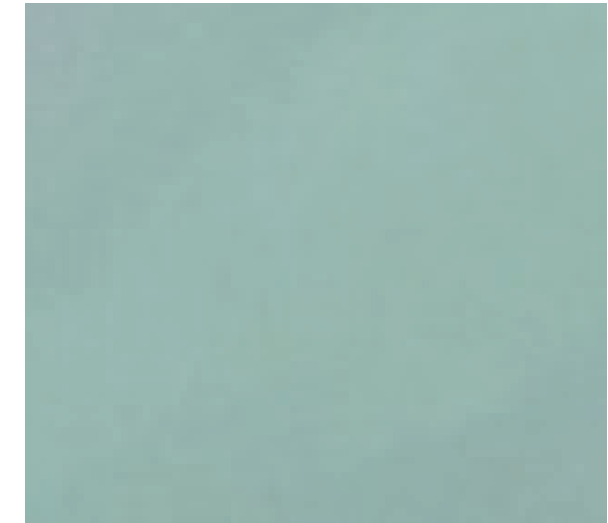




METAL FASCIA AND METAL COLUMN COVER



PLASTER STUCCO SOFFIT



12TH FLOOR WINDOW FRAME COLOR



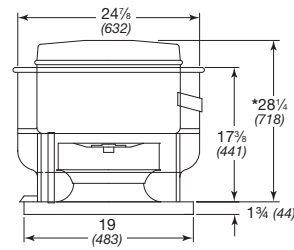
PENTHOUSE WINDOW FRAME COLOR



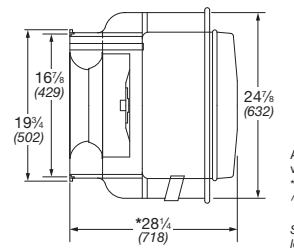
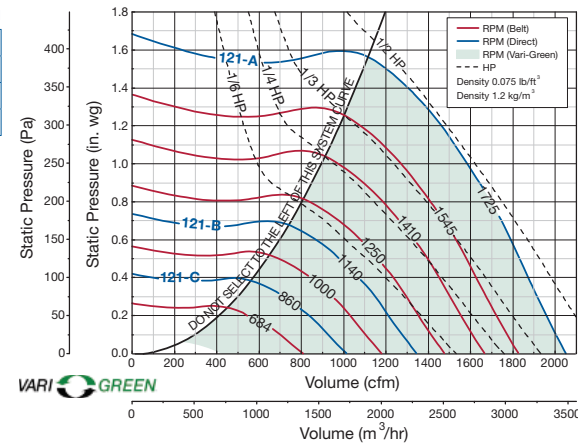
NEW BRICK TO MATCH EXISTING

147 WAVERLY PLACE  
12TH FLOOR & PENTHOUSE

Roof Upblast/Sidewall Exhaust  
Size-121: CUBE • CUE • CWB • CW



- Direct Drive RPM**
- C-860 RPM
  - B-1140 RPM
  - A-1725 RPM
  - VG-1725 RPM



- CUBE • CUE**  
**CWB • CW**

All dimensions in inches (millimeters), weight in pounds (kilograms).  
\* May be greater depending on motor.  
^ Weight shown is largest cataloged open drip-proof motor.  
Specifications and image for each model located at back of catalog.

	CUBE	CUE	CWB	CW
Approximate Weight	66 (30)	64 (29)	66 (30)	53 (24)
Damper Size	12 x 12 (305 x 305)		12 x 12 (305 x 305)	
Damper Frame Size	N/A		14 x 14 (356 x 356)	
Roof/Wall Opening	14 1/2 x 14 1/2 (368 x 368)		12 1/2 x 12 1/2 (318 X 318)	

Motor HP	Fan RPM	Static Pressure in Inches wg																					
		0	0.125	0.25	0.375	0.5	0.625	0.75	1	1.25	1.5												
1/4	VG-1/2	684	CFM 808	669																			
			BHP 0.02	0.03																			
			Sones 4.4	4.4																			
		772	CFM 912	789	630																		
			BHP 0.04	0.04	0.043																		
			Sones 4.8	5	5.1																		
	1/3	C-1/8	860	CFM 1015	905	781	581																
				BHP 0.05	0.05	0.06	0.06																
				Sones 5.3	5.7	5.6	5.7																
		B-1/6	1000	CFM 1181	1084	993	870	691															
				BHP 0.08	0.08	0.09	0.09	0.09															
				Sones 6.2	6.6	6.8	6.7	6.7															
1/2	A-1/2	1140	CFM 1346	1261	1180	1091	981	833															
			BHP 0.11	0.12	0.13	0.13	0.14	0.14															
			Sones 7.4	7.9	8.2	8.2	8	8.1															
	VG-1/2	1250	CFM 1476	1397	1323	1250	1159	1053	916														
			BHP 0.15	0.16	0.17	0.17	0.18	0.18	0.18														
			Sones 8.8	9.3	9.9	9.9	10	9.8	9.8														
1/2	A-1/2	1410	CFM 1665	1595	1528	1463	1398	1315	1224	965													
			BHP 0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.25													
			Sones 11.1	11.6	12.2	12.5	12.6	12.7	12.7	12.3													
	VG-1/2	1480	CFM 1748	1681	1617	1555	1493	1421	1338	1132													
			BHP 0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.30													
			Sones 11.9	12.4	13.1	13.5	13.7	13.8	13.8	13.6													
A-1/2	1545	CFM 1824	1760	1699	1639	1580	1518	1441	1262	990													
		BHP 0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.34	0.33													
		Sones 12.8	13.4	14	14.5	14.7	14.8	14.9	14.9	14.6													
A-1/2	1635	CFM 1931	1870	1811	1755	1699	1643	1577	1424	1226													
		BHP 0.33	0.34	0.36	0.37	0.38	0.39	0.40	0.41	0.40													
		Sones 14.1	14.7	15.2	15.9	16.2	16.4	16.6	16.7	16.5													
A-1/2	1725	CFM 2037	1979	1923	1869	1816	1763	1710	1571	1406	1176												
		BHP 0.39	0.40	0.41	0.43	0.44	0.45	0.46	0.47	0.48	0.46												
		Sones 15.6	16.1	16.7	17.3	17.9	18.2	18.4	18.7	18.6	18.4												

MAXIMUM BHP AT A GIVEN RPM = (RPM/2199)<sup>3</sup>  
MAXIMUM RPM = 1725  
TIP SPEED (ft/min) = RPM x 3.419  
MAXIMUM MOTOR FRAME SIZE = 56  
AVERAGE DISCHARGE VELOCITY (FPM) = CFM/1.28

Performance certified for installation type A: Free inlet, Free outlet. Power rating (Bhp) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: Free inlet hemispherical sone levels.

ROOF EXHAUST MECHANICAL CUTSHEET

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