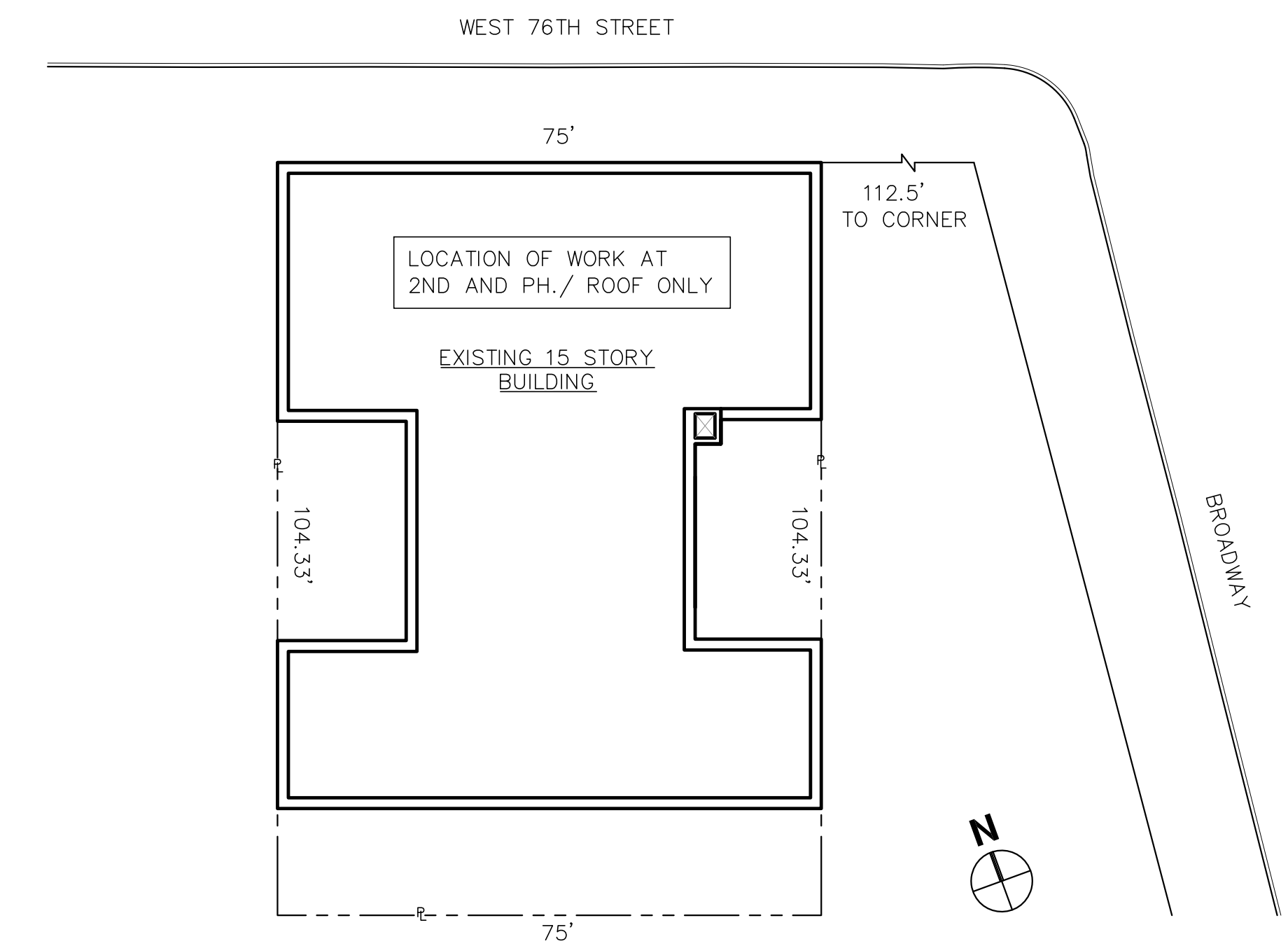




TAX LOT PHOTO 1980



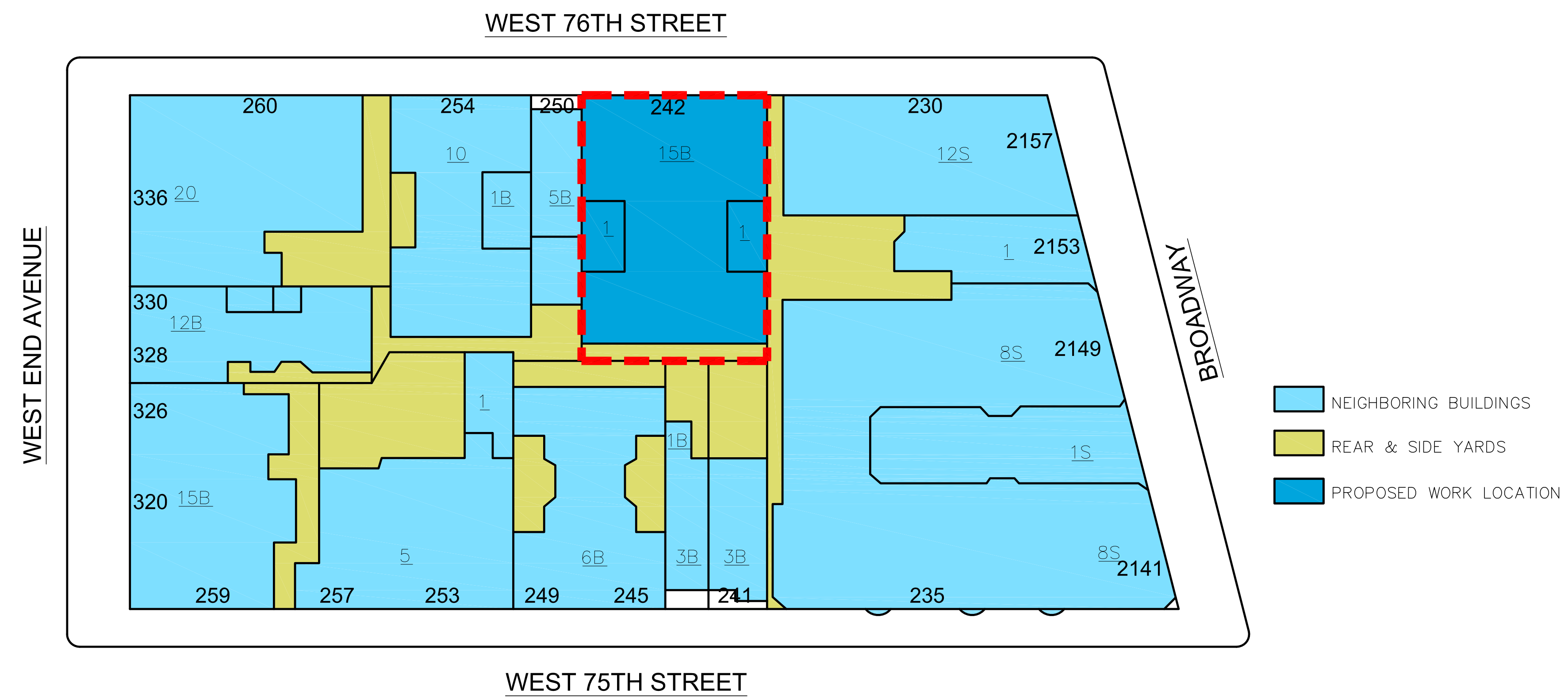
BLOCK: 1167
LOT: 55

ZONE: R8B
MAP: 8C

PLOT DIAGRAM

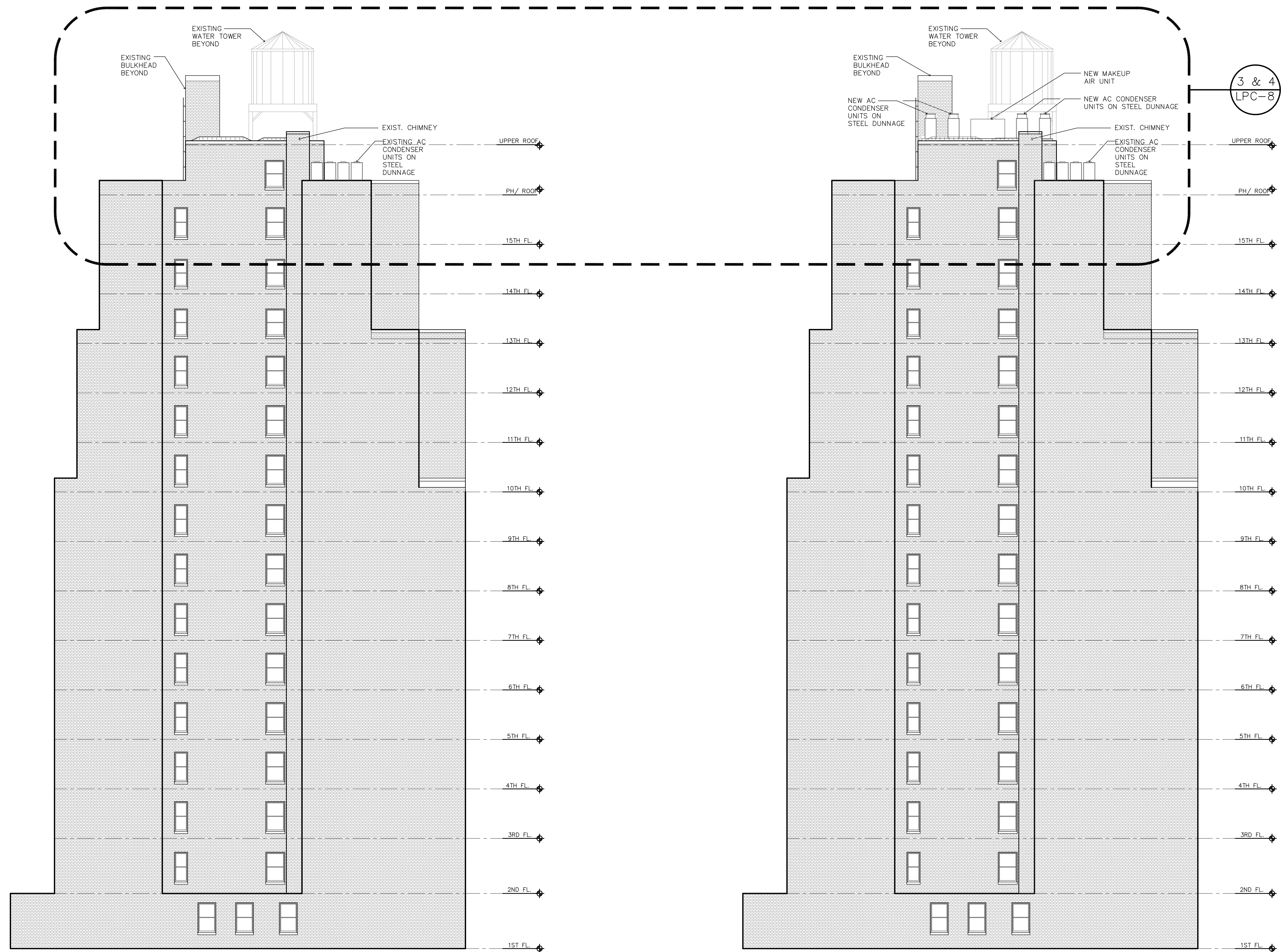


AERIAL PHOTO



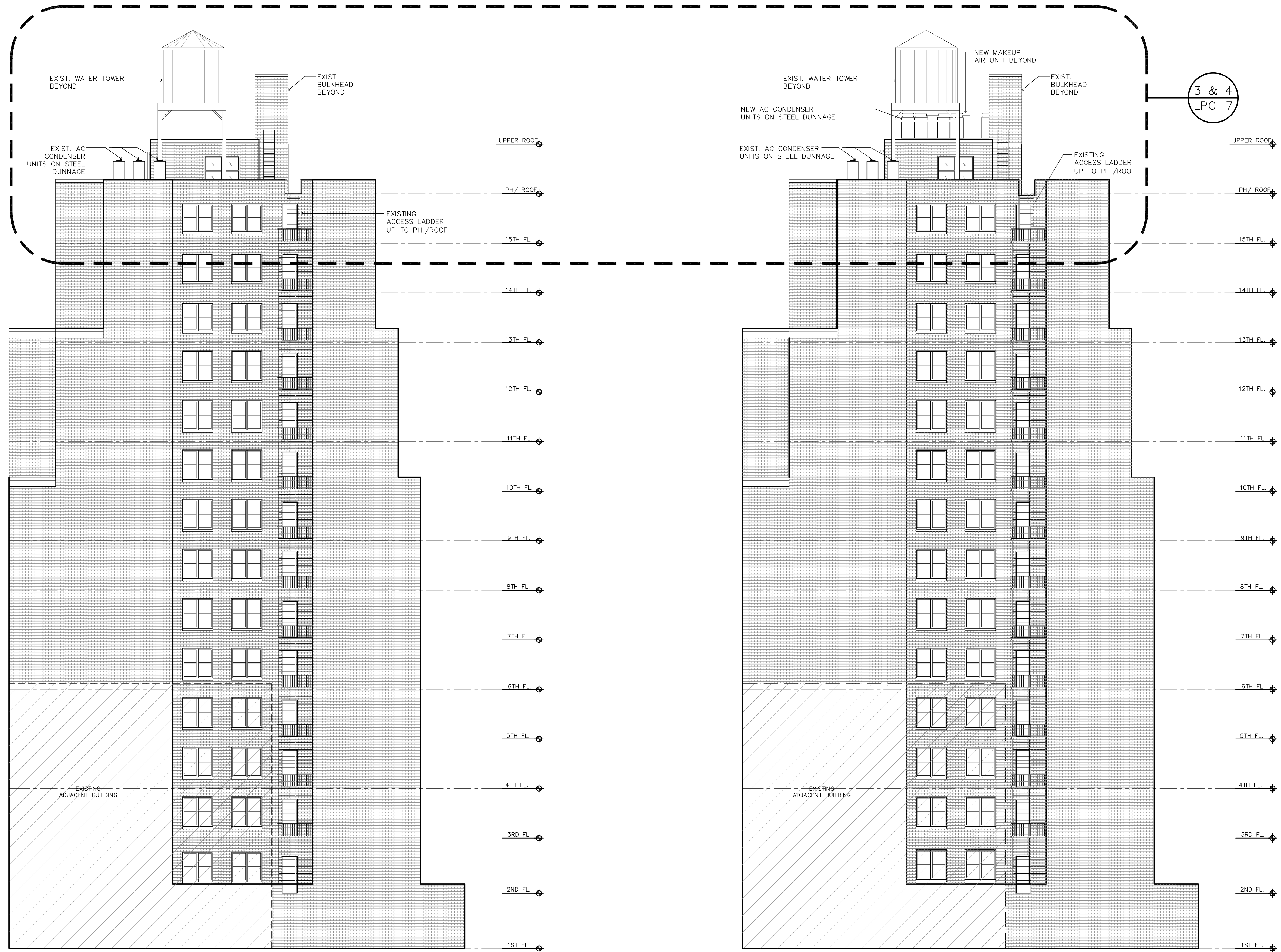
BLOCK PLAN





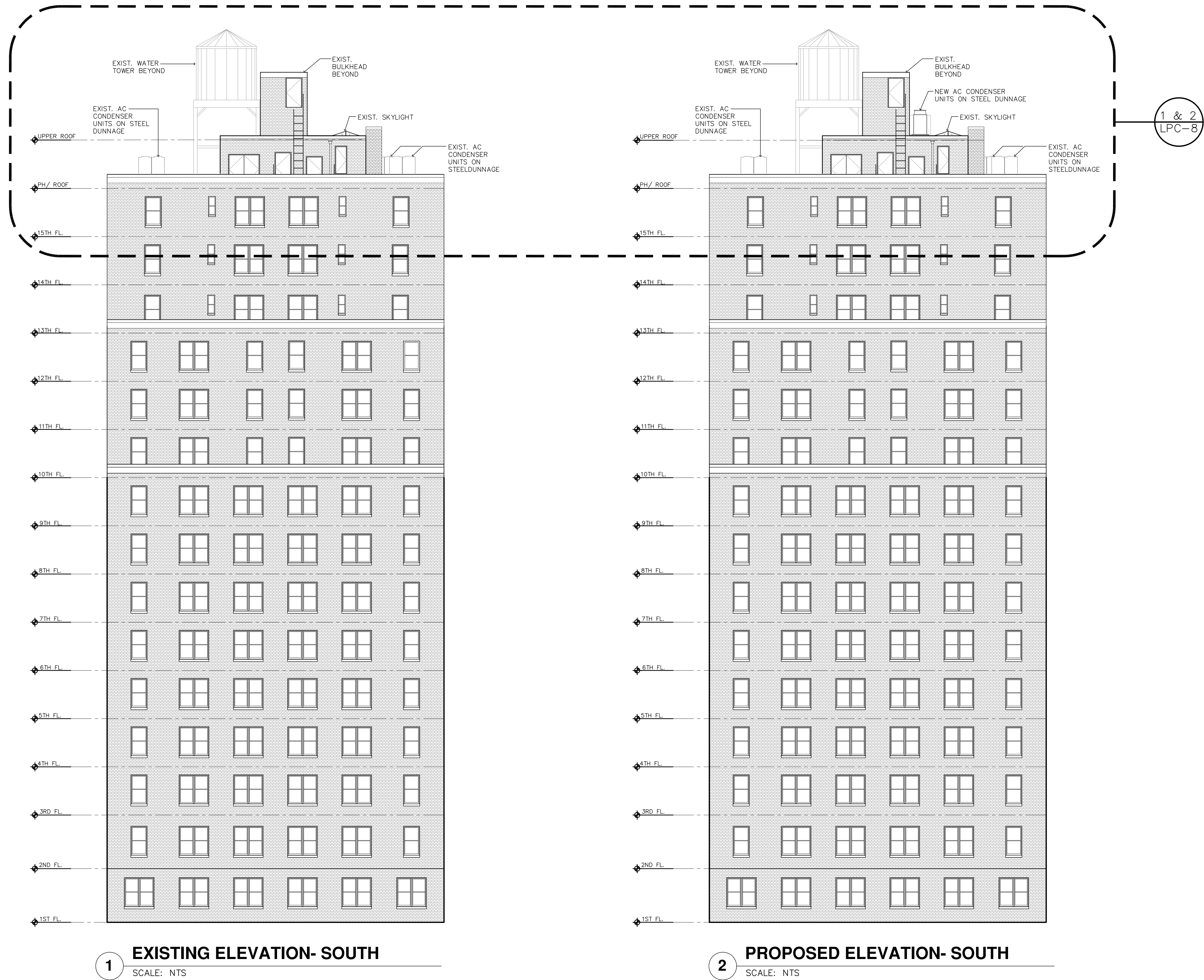
1 EXISTING ELEVATION- EAST
SCALE: NTS

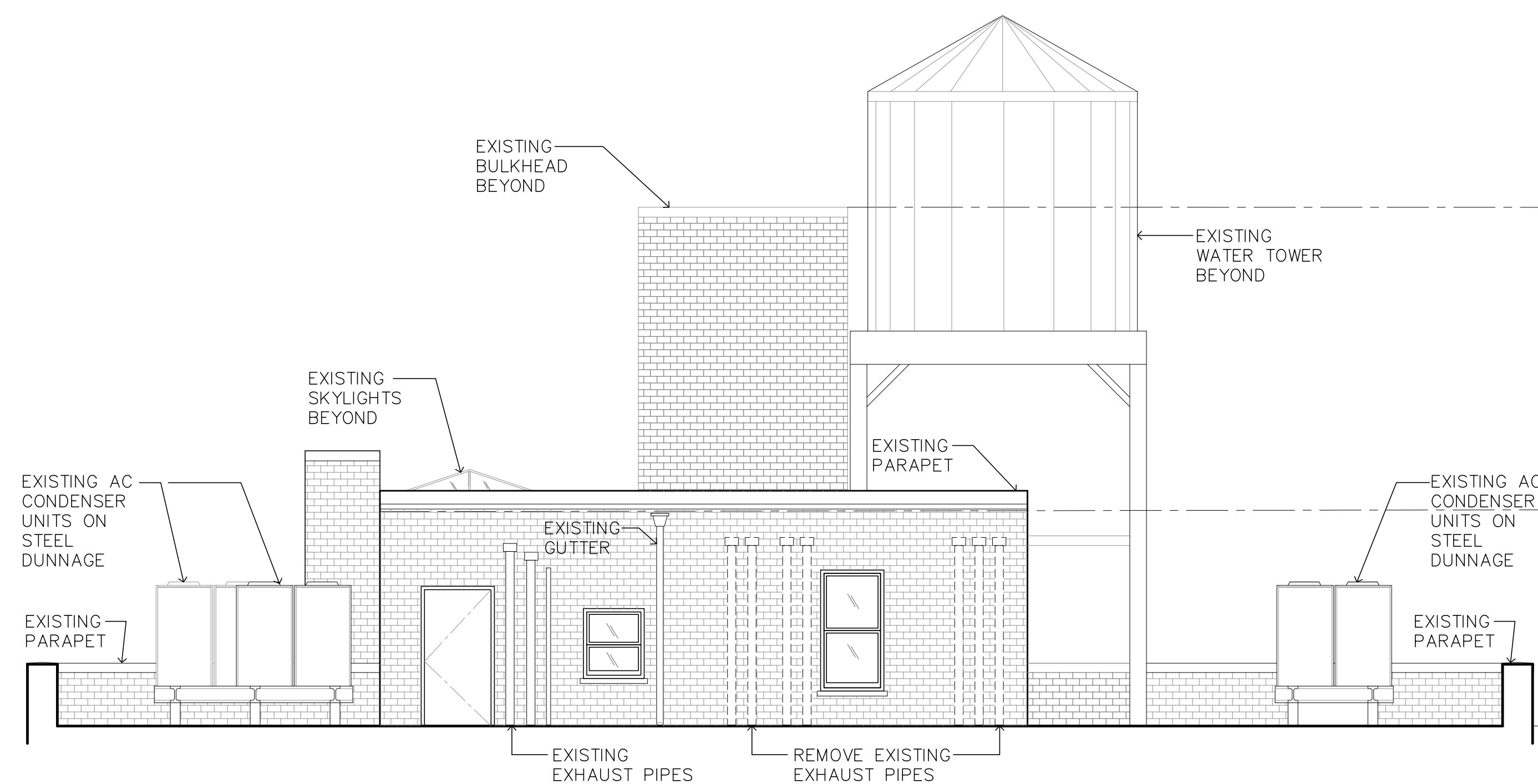
2 PROPOSED ELEVATION- EAST
SCALE: NTS



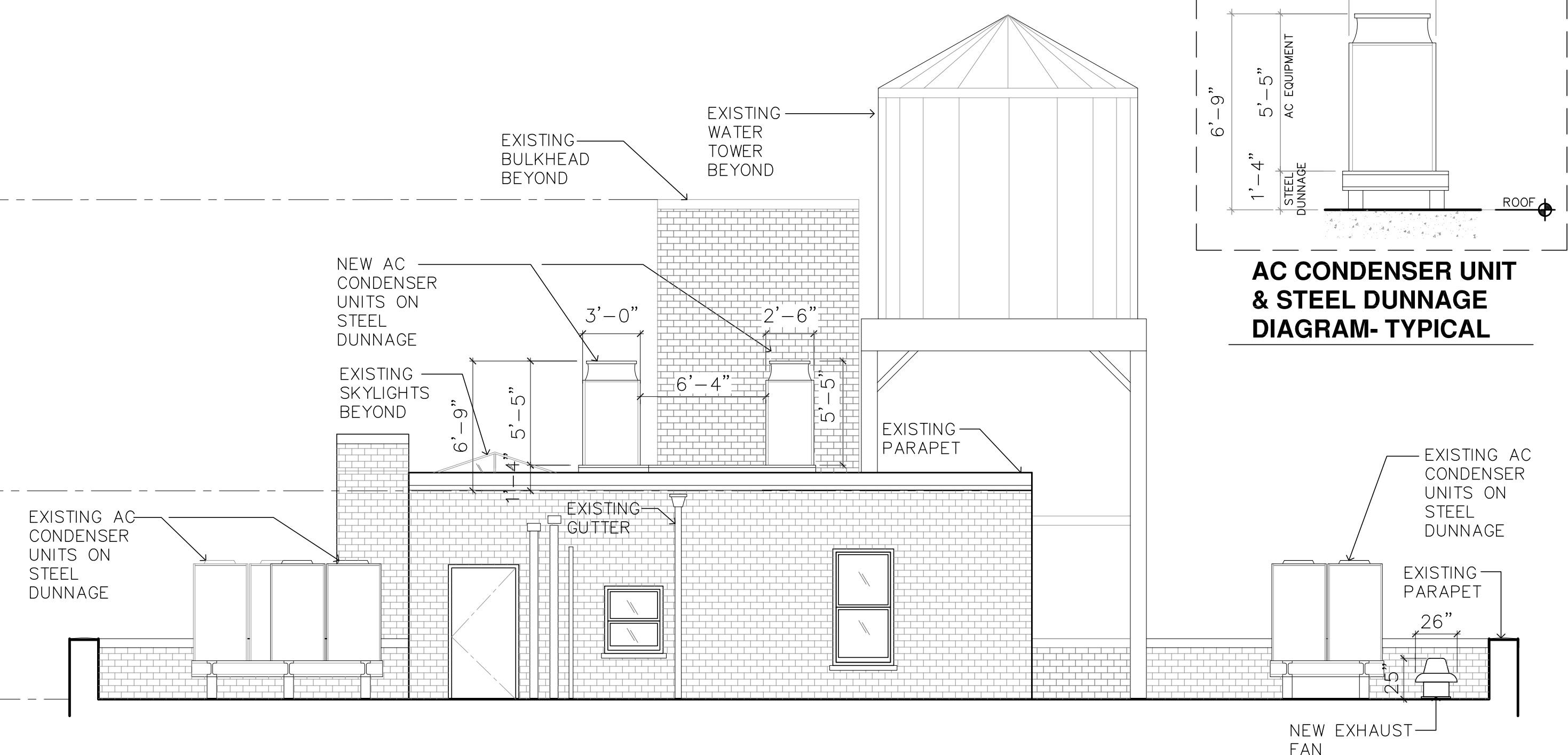
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SCALE: NTS

2 PROPOSED ELEVATION - WEST
SCALE: NTS

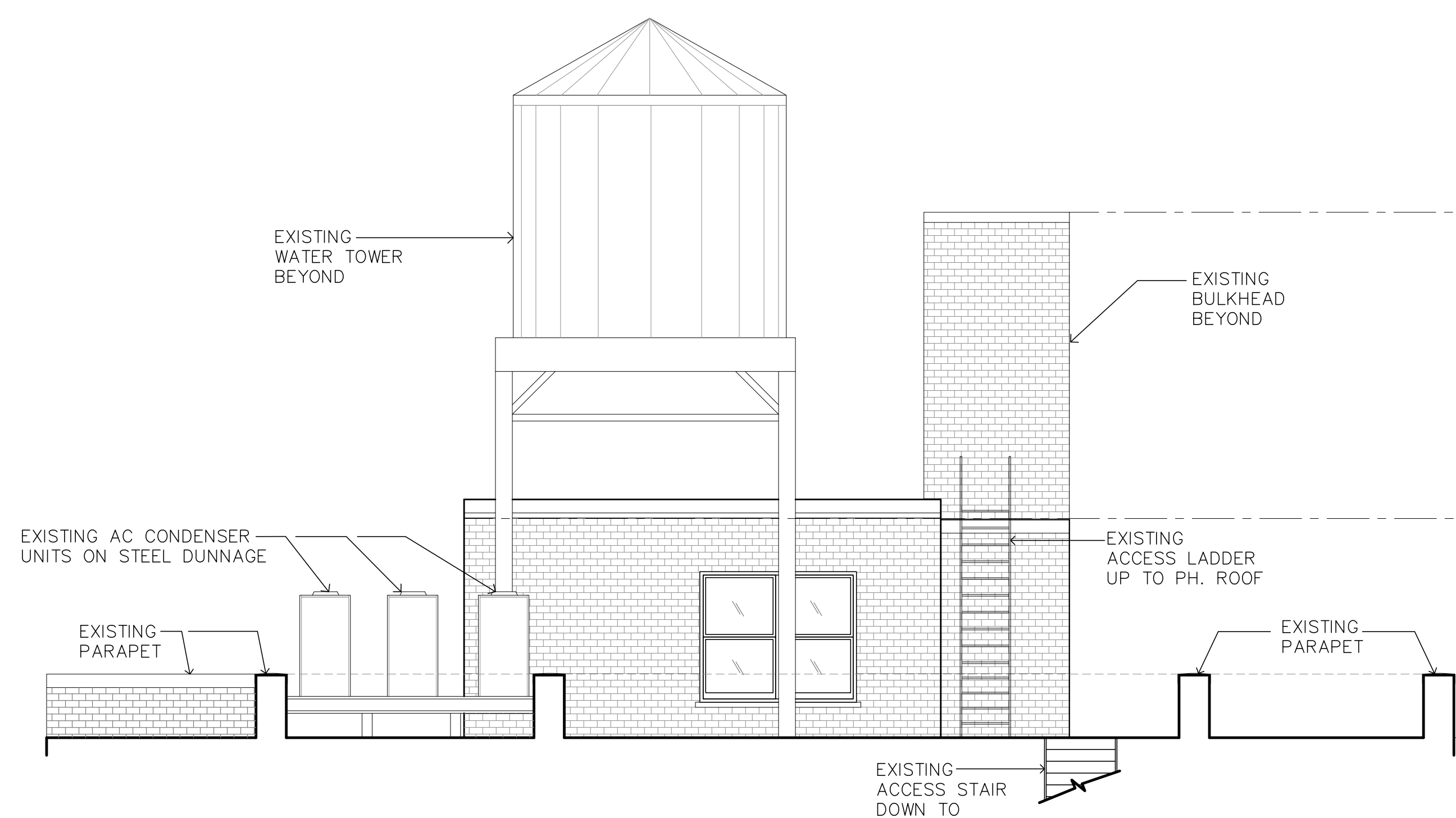
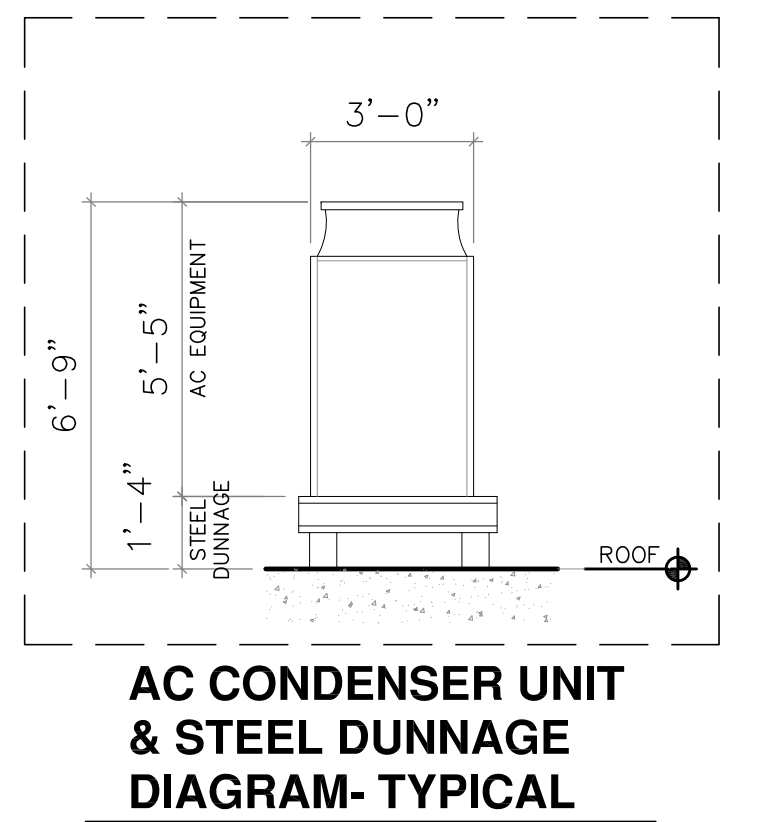




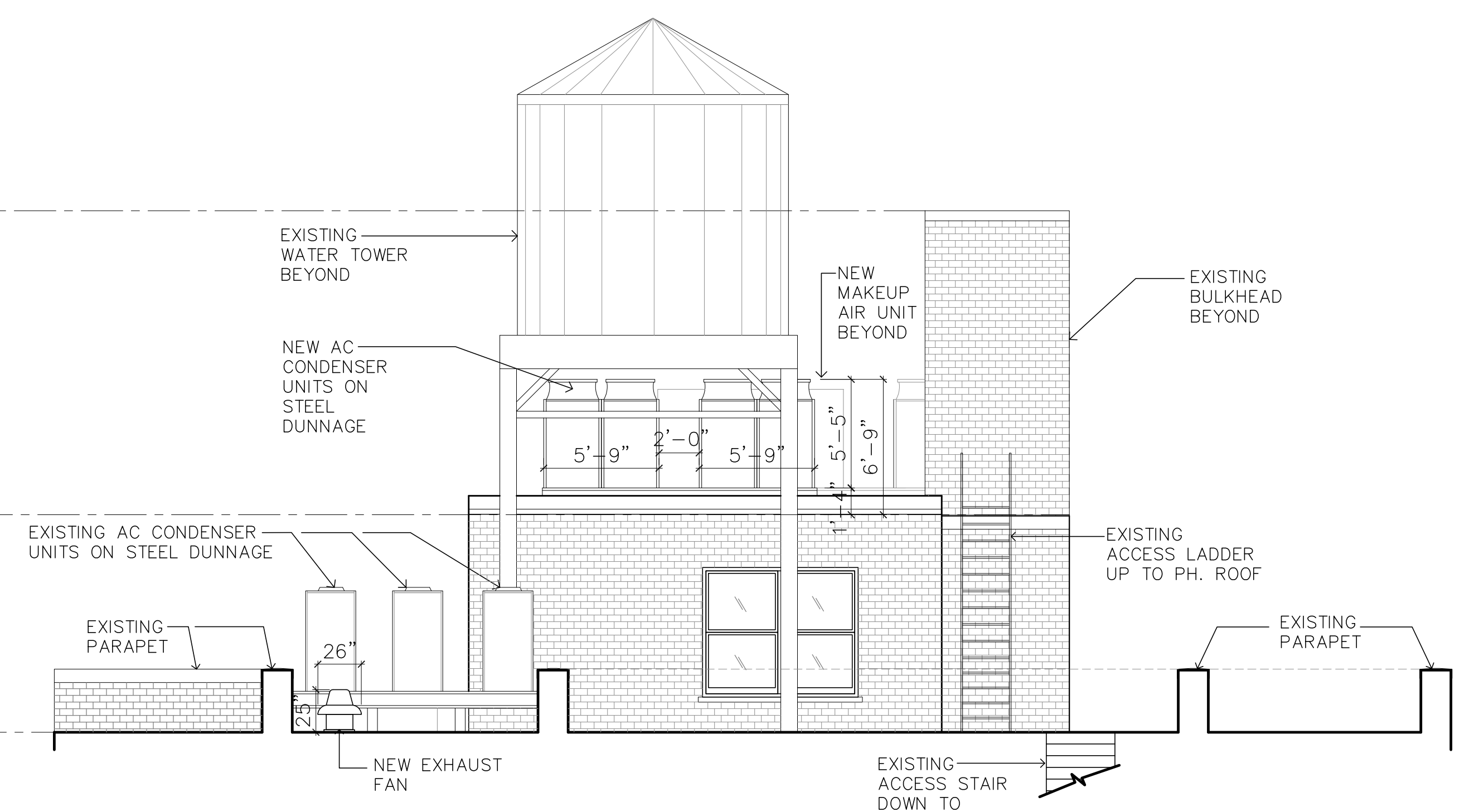
1 ENLARGED EXISTING ELEVATION - NORTH (76TH ST.)
SCALE: 3/16"=1'-0"



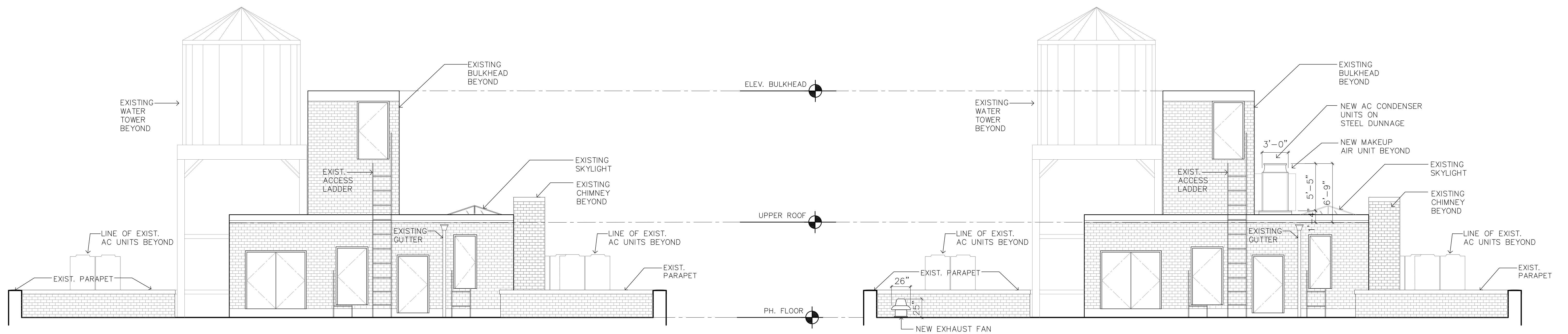
2 ENLARGED PROPOSED ELEVATION - NORTH (76TH ST.)
SCALE: 3/16"=1'-0"



3 ENLARGED EXISTING ELEVATION - WEST
SCALE: 3/16"=1'-0"

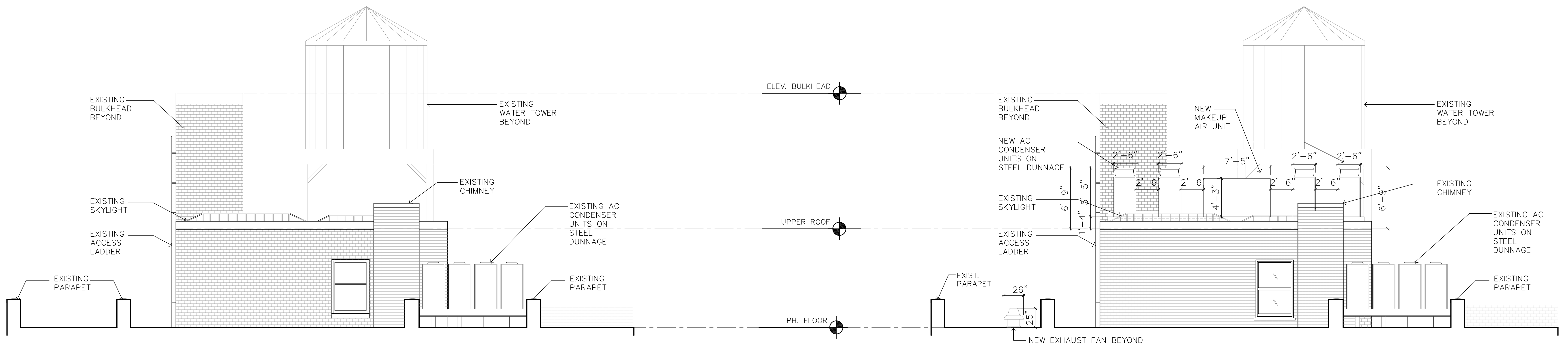


4 ENLARGED PROPOSED ELEVATION - WEST
SCALE: 3/16"=1'-0"



1 ENLARGED EXISTING ELEVATION - SOUTH
SCALE: 3/16"=1'-0"

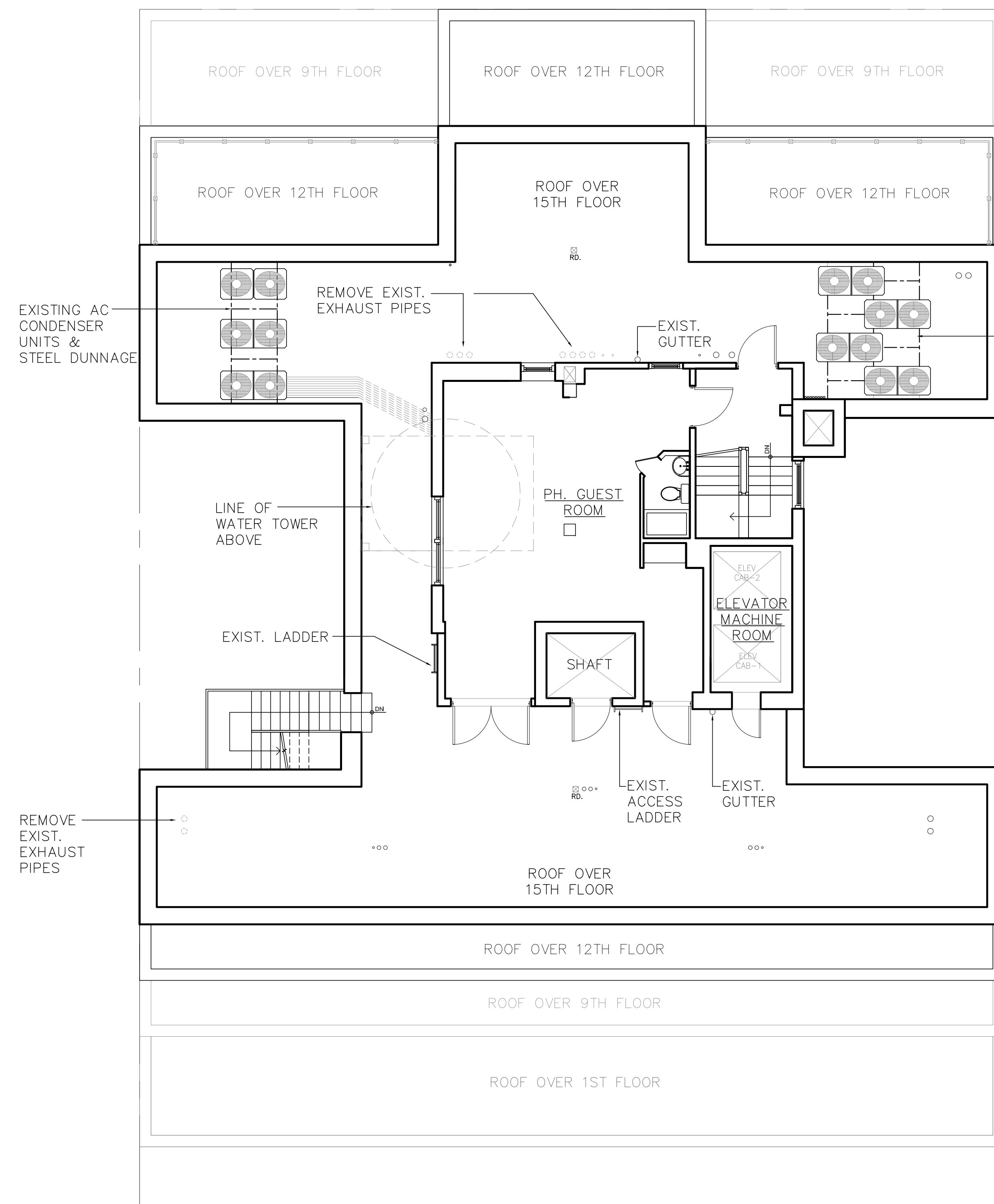
2 ENLARGED PROPOSED ELEVATION - SOUTH
SCALE: 3/16"=1'-0"



3 ENLARGED EXISTING ELEVATION - EAST
SCALE: 3/16"=1'-0"

4 ENLARGED PROPOSED ELEVATION - EAST
SCALE: 3/16"=1'-0"

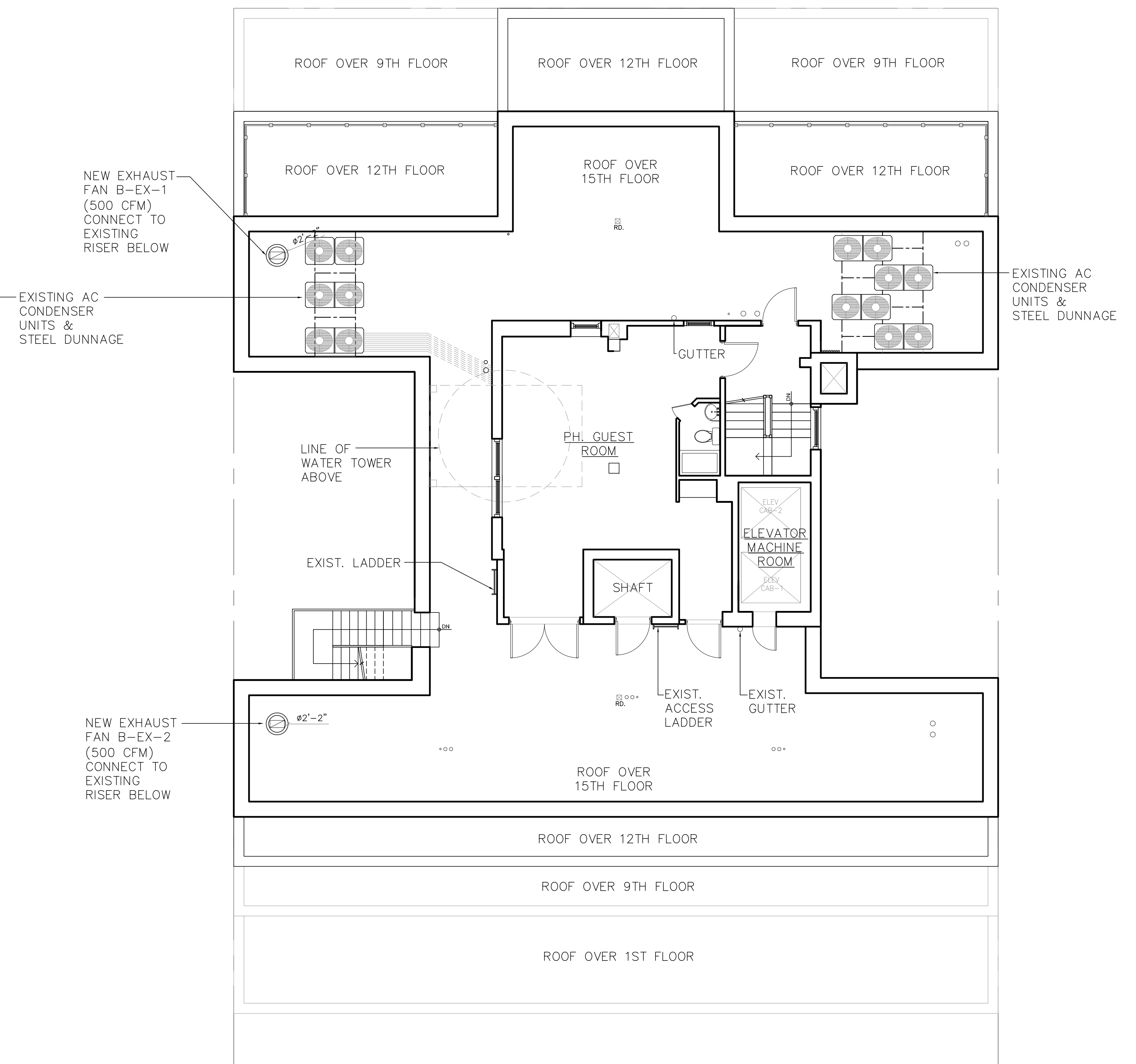
WEST 76TH STREET



1 **EXISTING PH/ ROOF FLOOR PLAN**
SCALE: NTS



WEST 76TH STREET

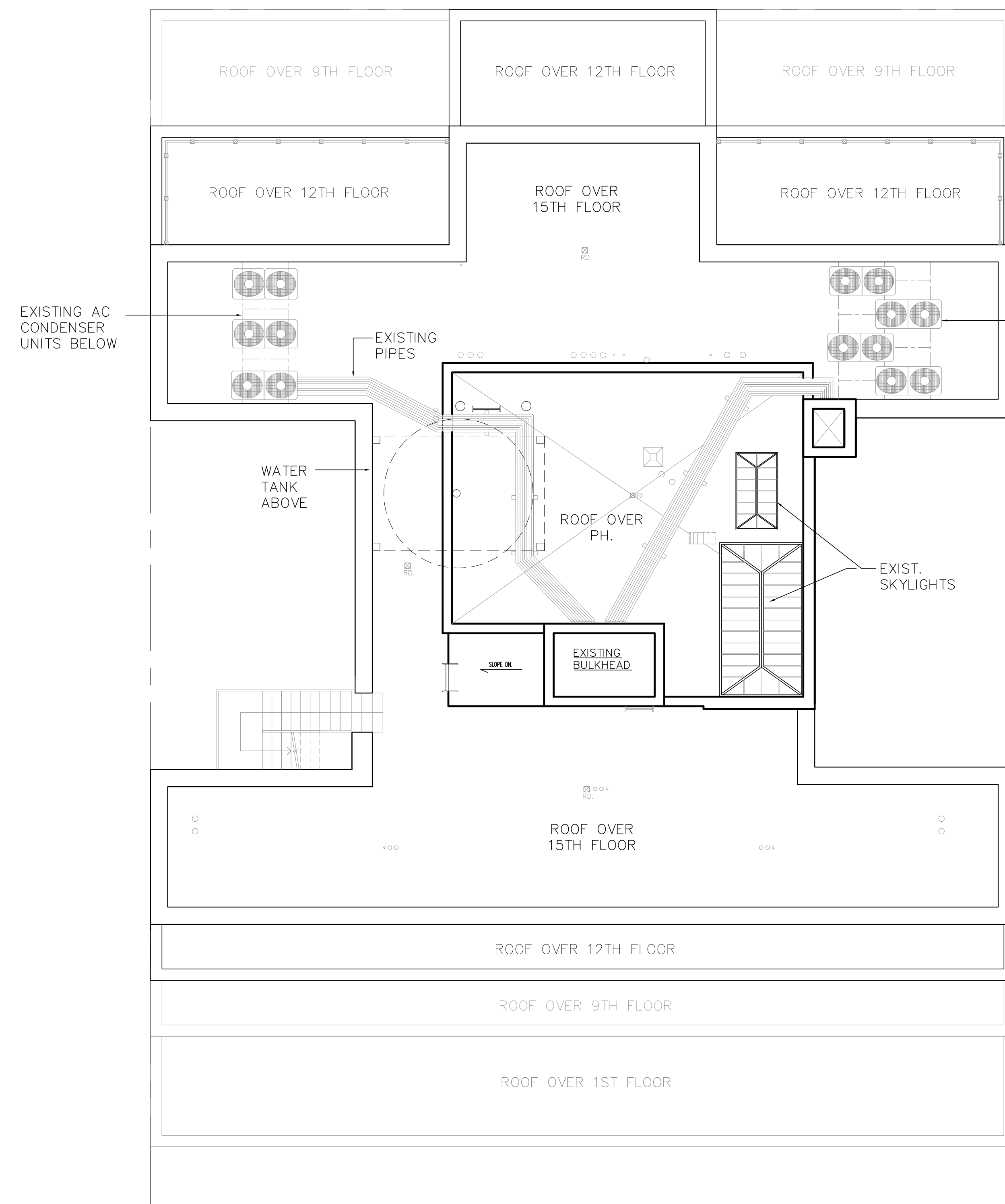


2 PROPOSED PH/ ROOF FLOOR PLAN
SCALE: NTS



NOTE: REFER TO MECH. DRAWINGS FOR ADDITIONAL INFORMATION

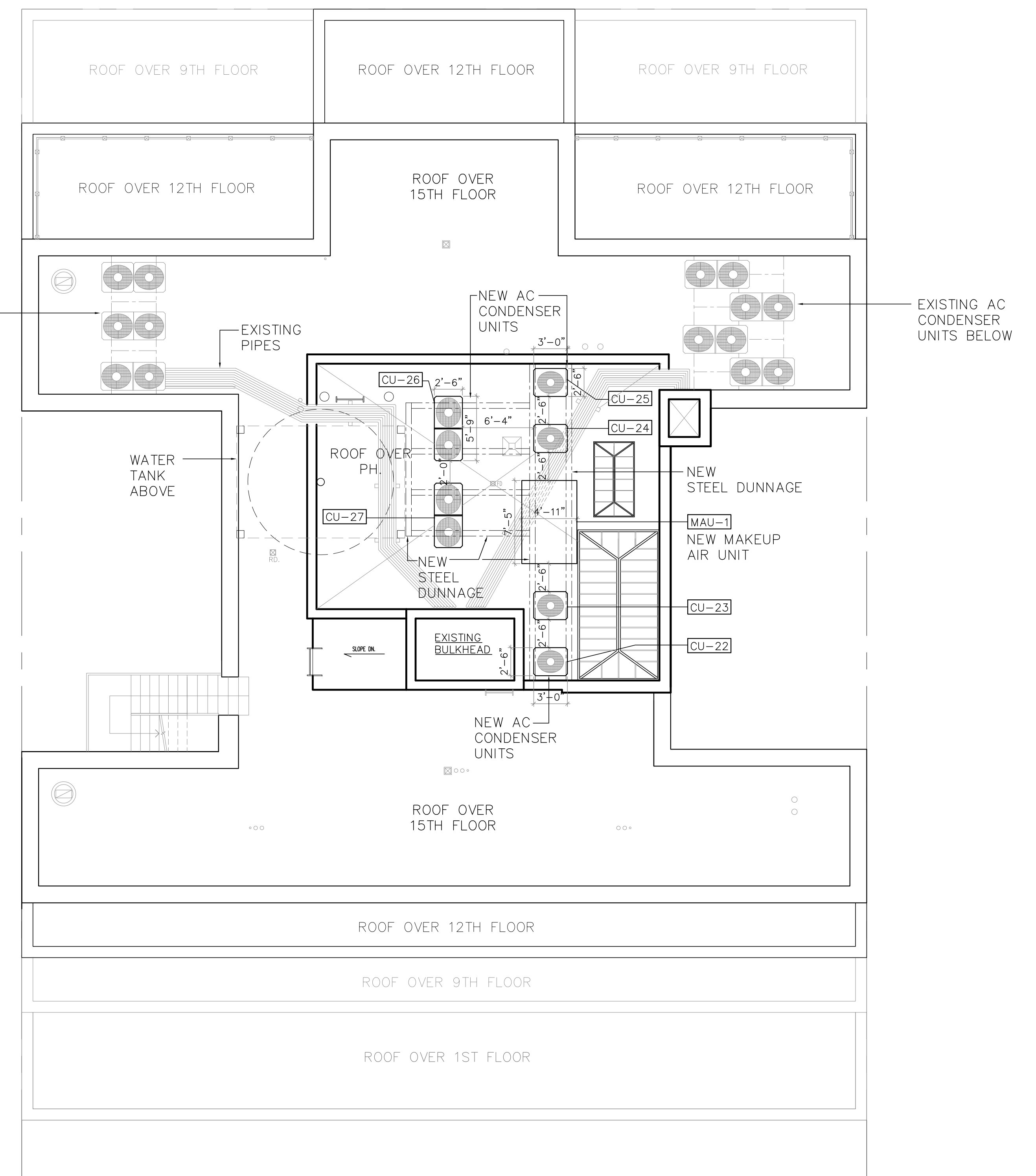
WEST 76TH STREET



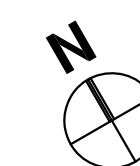
1 **EXISTING UPPER ROOF FLOOR PLAN**
SCALE: NTS



WEST 76TH STREET

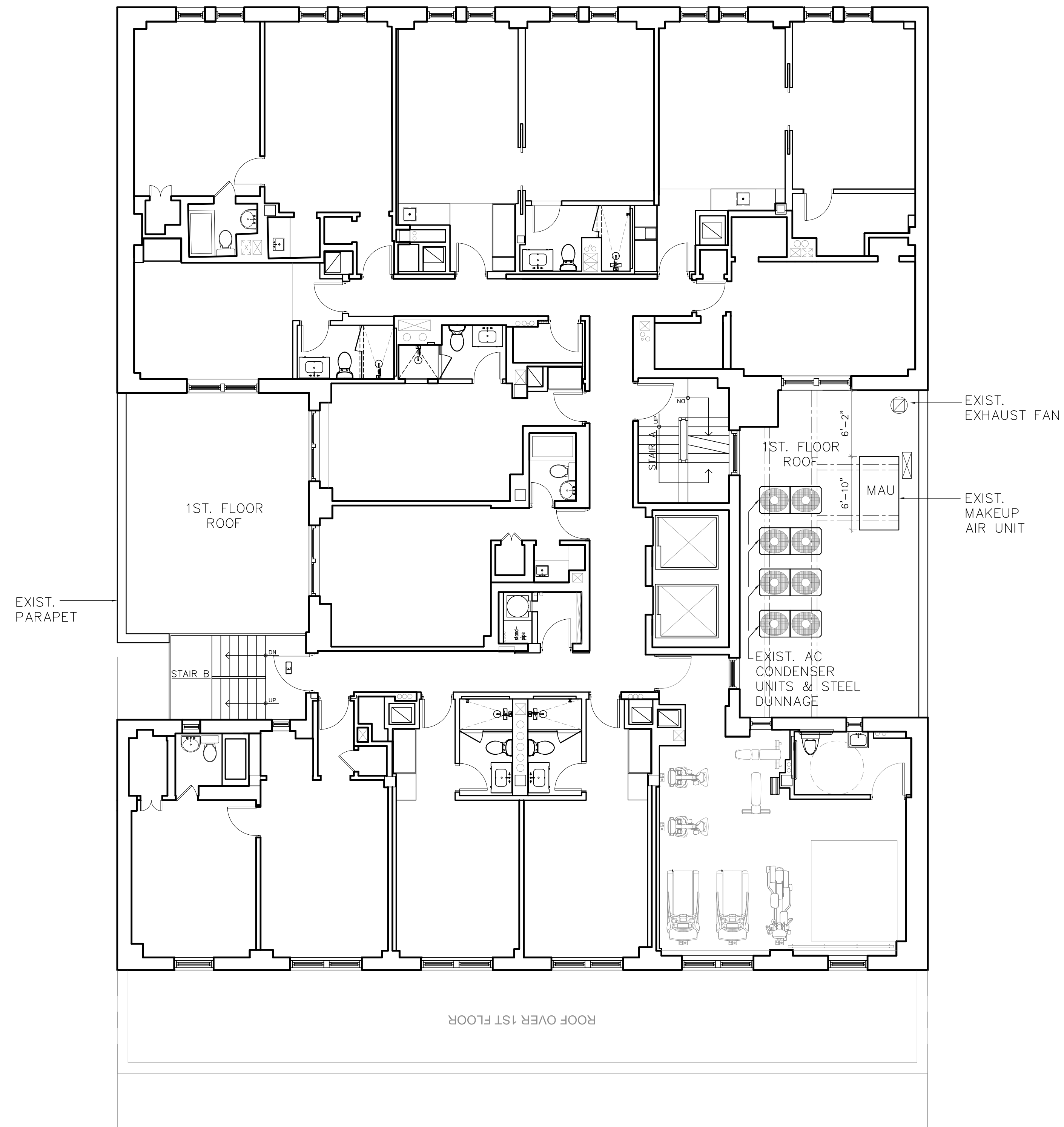


2 PROPOSED UPPER ROOF FLOOR PLAN
SCALE: NTS



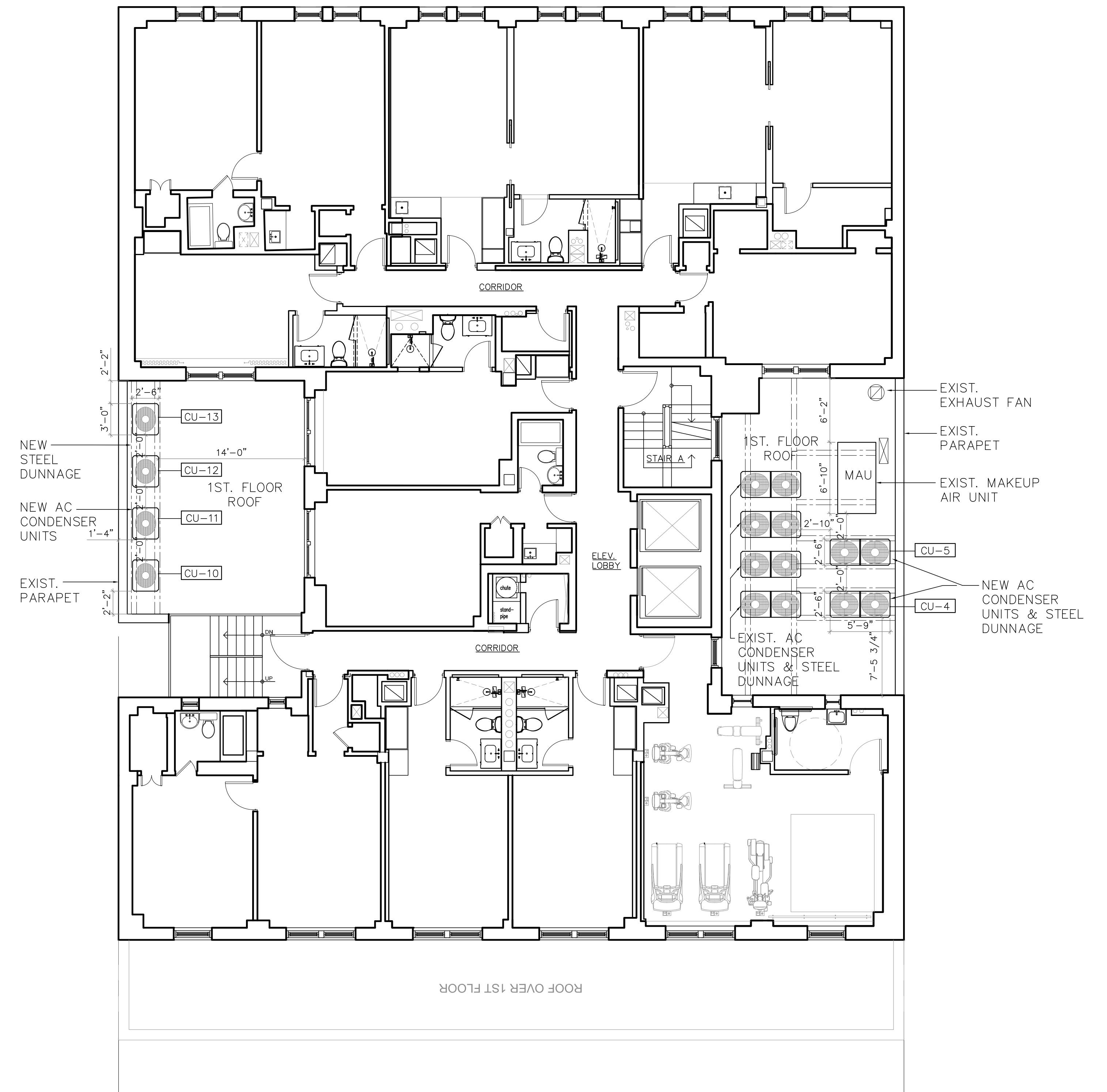
NOTE: REFER TO MECH. DRAWINGS FOR ADDITIONAL INFORMATION

WEST 76TH STREET



1 EXISTING 2ND FLOOR PLAN
SCALE: NTS

WEST 76TH STREET



2 PROPOSED 2ND FLOOR PLAN
SCALE: NTS

NOTE: REFER TO MECH. DRAWINGS FOR ADDITIONAL INFORMATION



1 PHOTO- BROADWAY & W. 74TH STREET



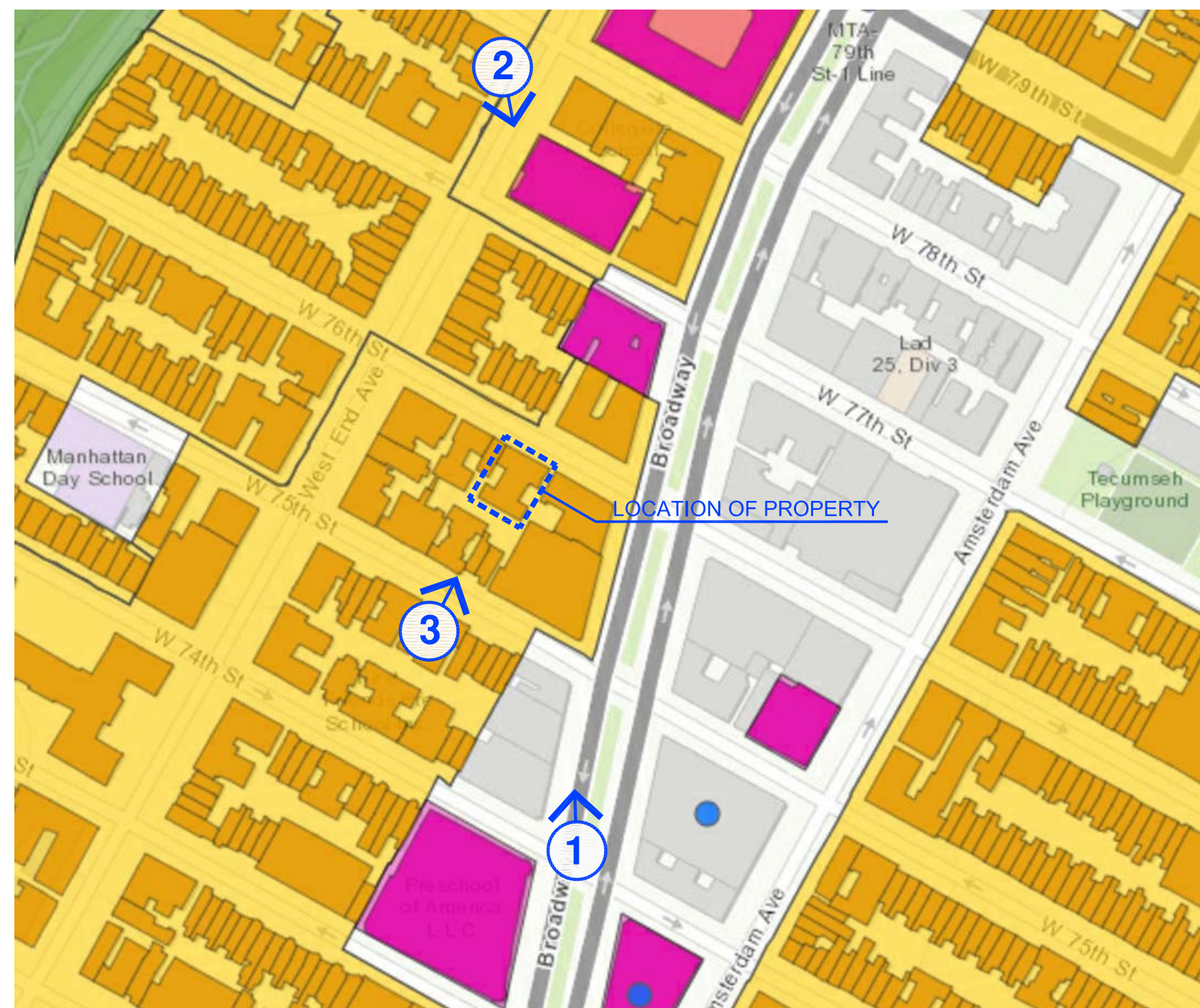
CLOSE UP



2 PHOTO- WESTEND AVENUE & W. 78TH STREET



CLOSE UP



KEY PLAN



3 PHOTO- W.75TH STREET



MIDDLE INTERSECTION AT
BROADWAY & 73RD STREET.
LOOKING NORTH

A



SOUTHWEST CORNER AT
WESTEND AND 77TH STREET
LOOKING SOUTH

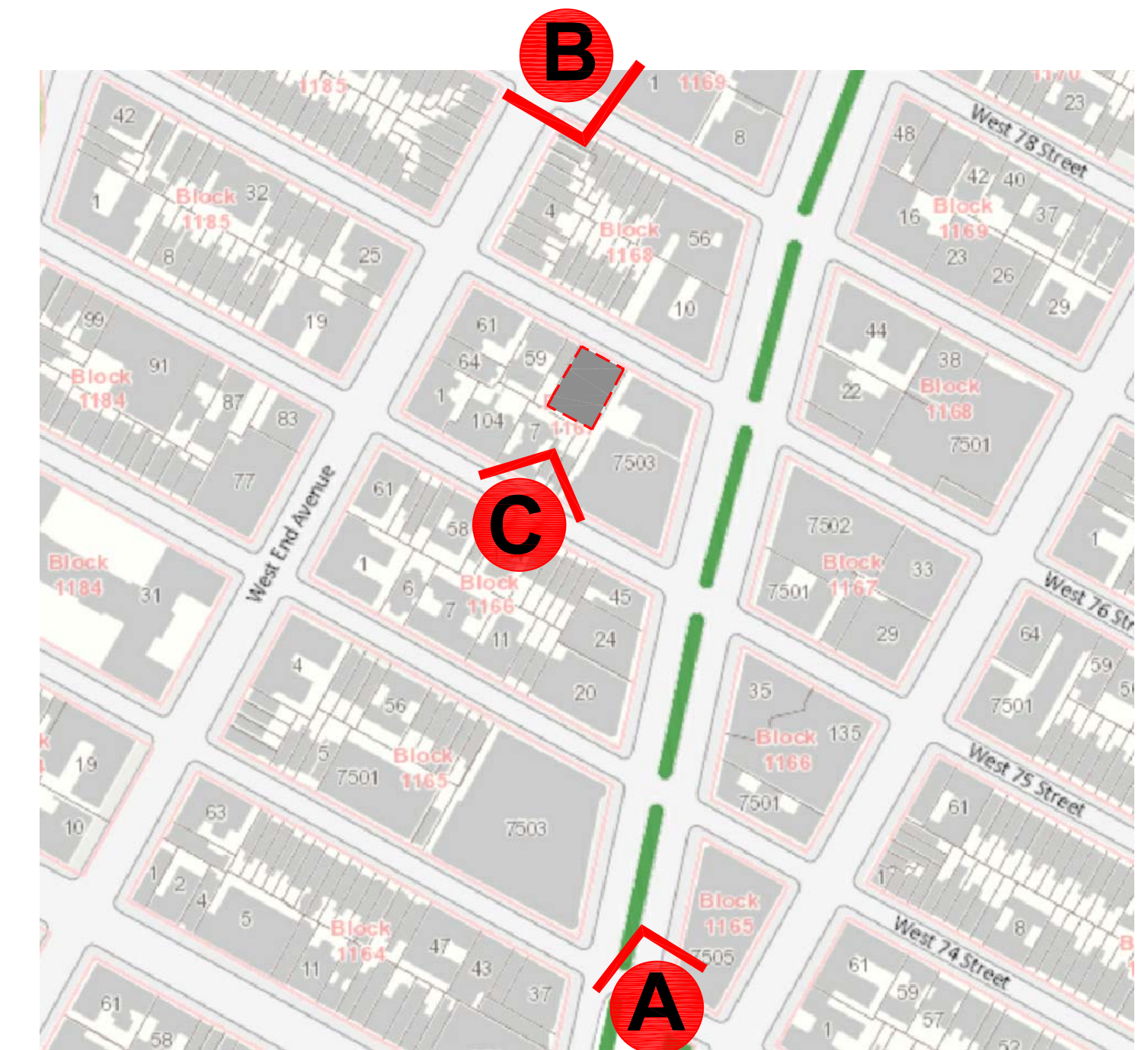
B



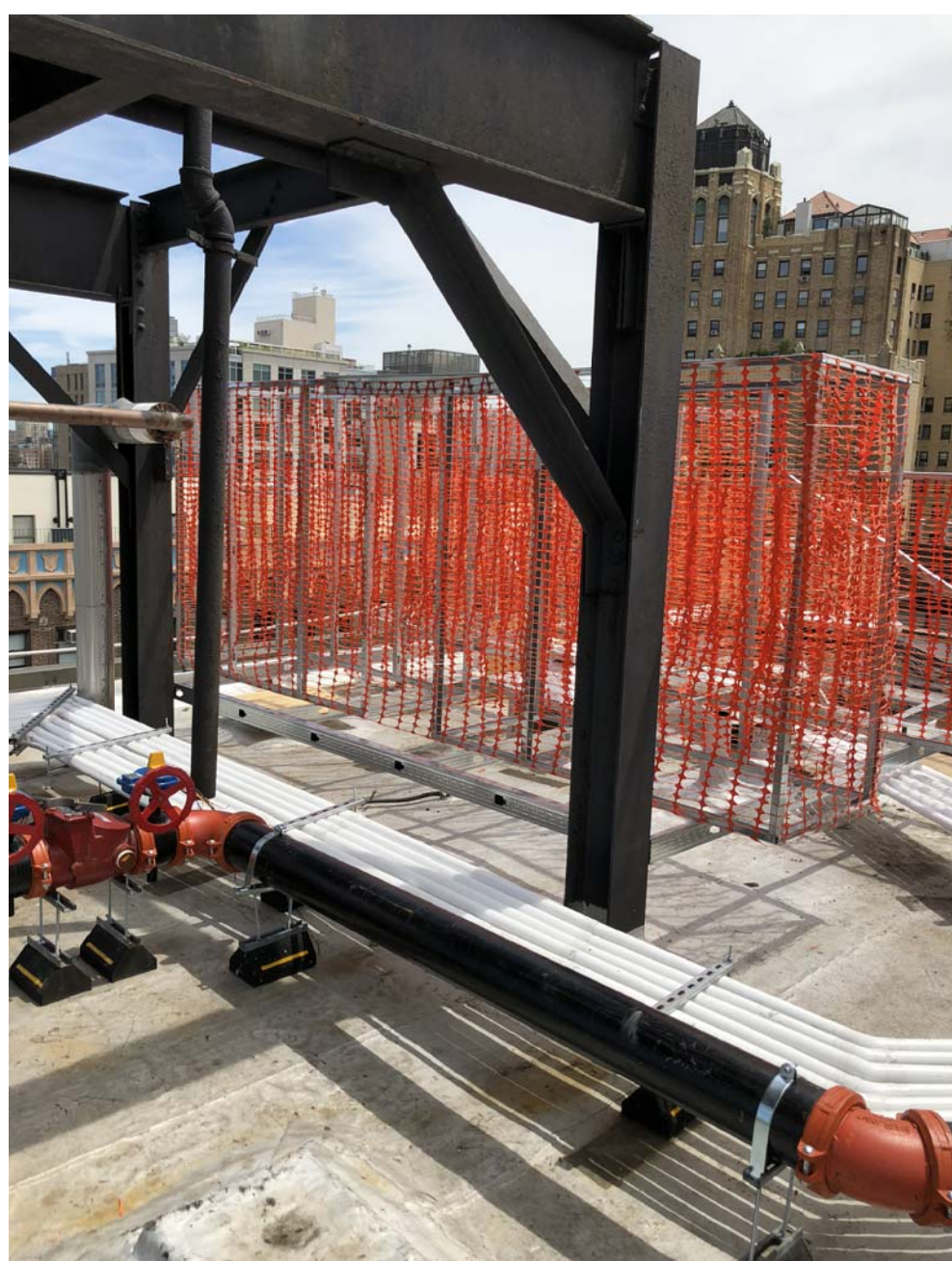
MIDBLOCK AT 75TH STREET BETWEEN
BROADWAY AND WESTEND AVE
LOOKING NORTH

C

HVAC VISIBILITY & MOCK UP PHOTOS TAKEN ON 06.11.2018



SITEMAP



D



E

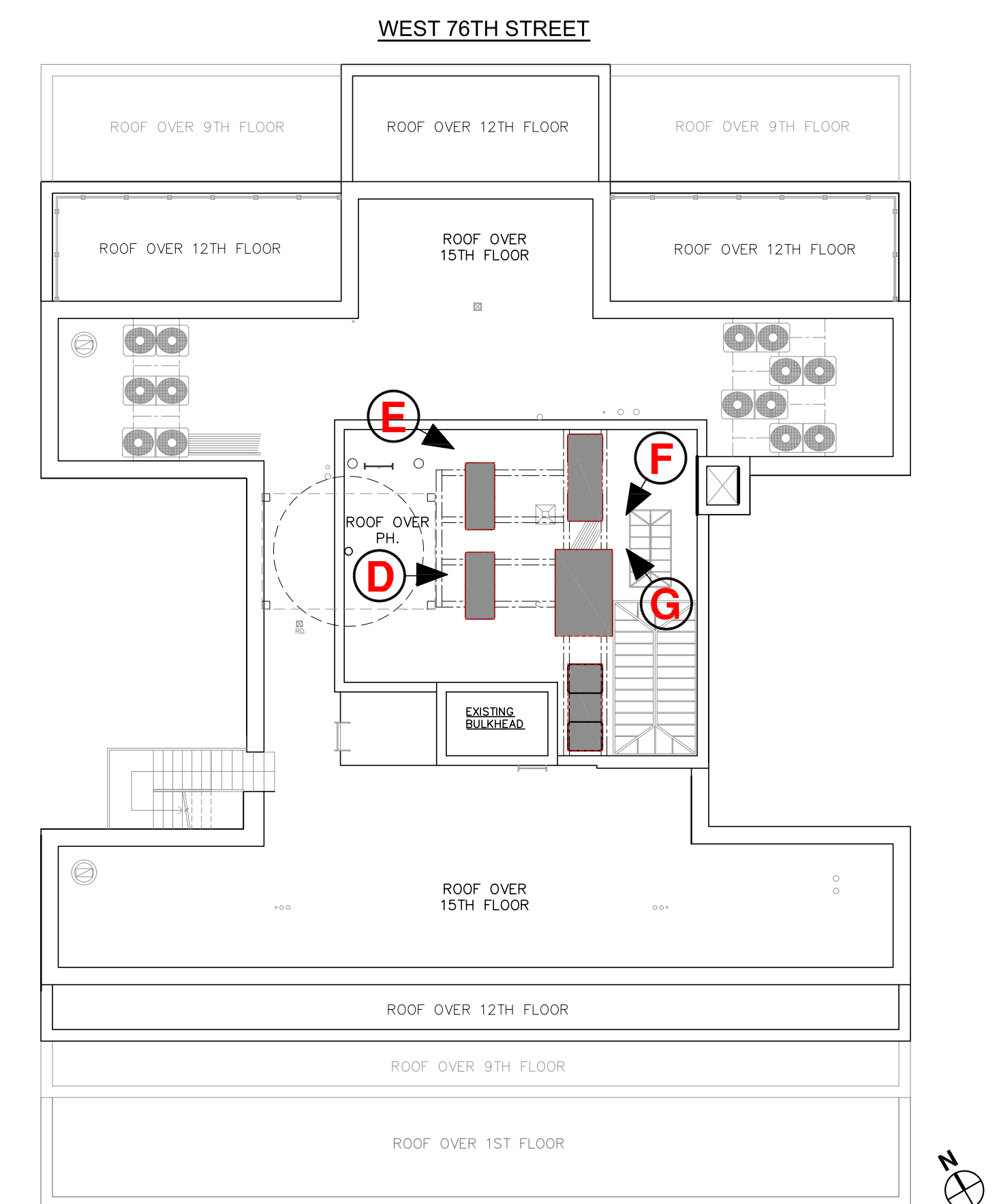


F



G

MOCK UP PHOTOS AT UPPER ROOF



KEYPLAN



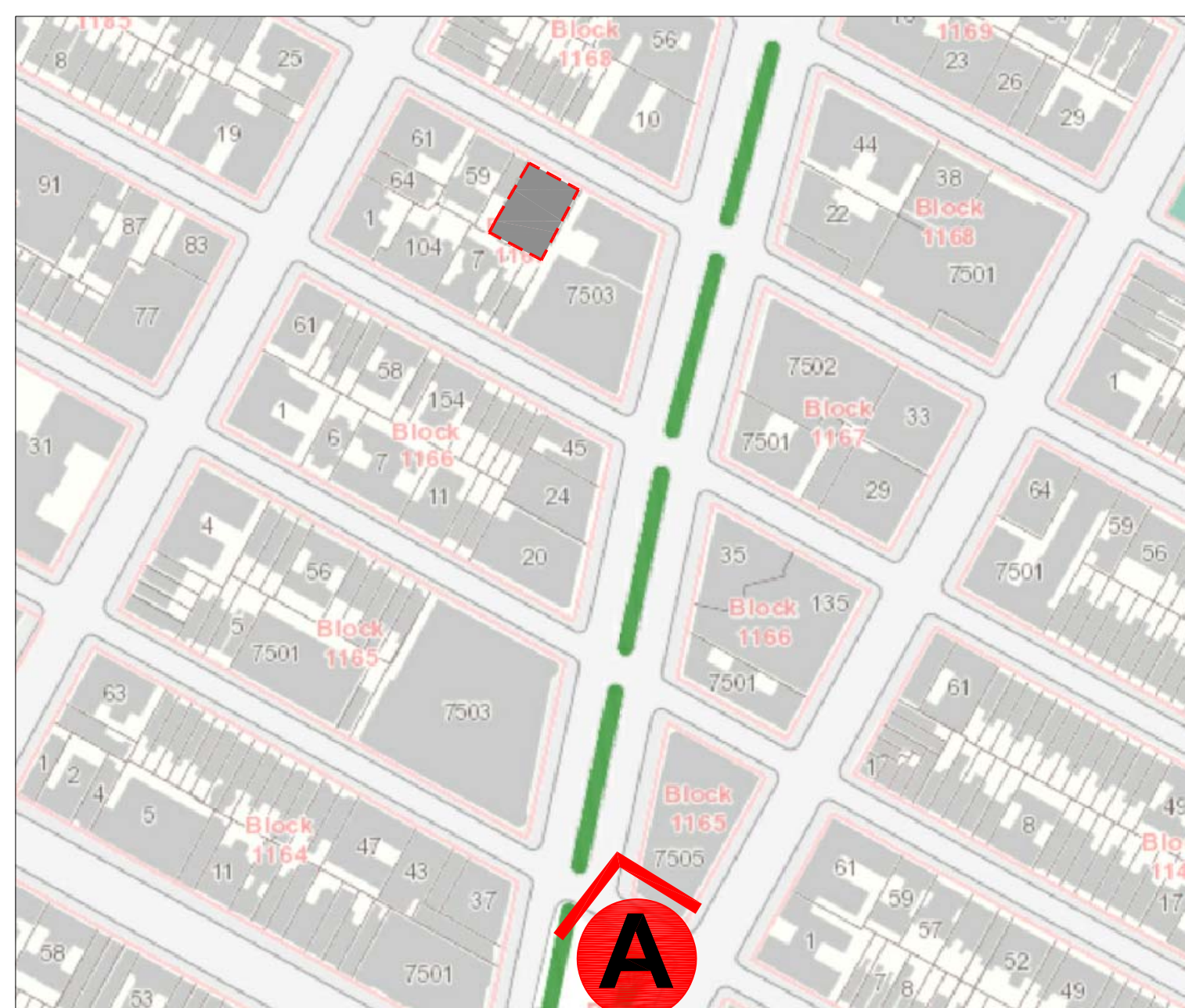
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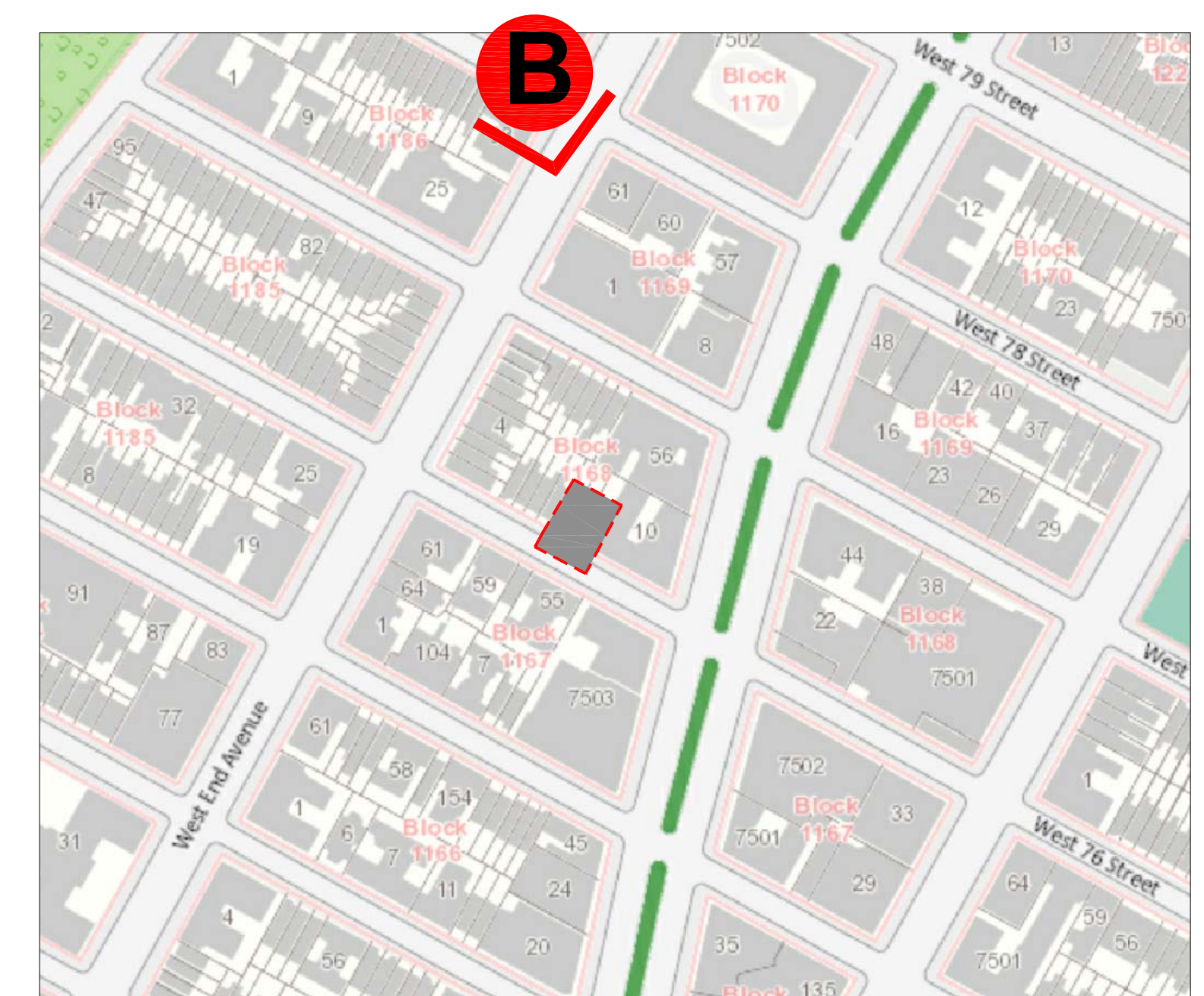
CLOSE UP

A RENDERED VIEW- BROADWAY & WEST 73RD STREET

B RENDERED VIEW- WEST END AVE & 77TH STREET



SITEMAP



SITEMAP

		Model: 6-TON PURY-PZ7TLMU-A (BS)								
Job Name:			Date:							
System Reference:										
										
OUTDOOR VRF HEAT PUMP WITH HEAT RECOVERY SYSTEM										
			UNIT OPTION ☐ Standard Model ☐ Seacoast (BS) Model							
			PURY-PZ7TLMU-A PURY-PZ7TLMU-A-BS							
			ACCESSORIES ☐ Joint Kit for details see Pipe Accessories Submittal ☒ IC Controller (required) for details see IC Controller Submittal ☐ Low Ambient Kit for details see Low Ambient Kit Submittal ☐ Snow/Ice Quantity Kit for details see Snow/Ice Quantity Kit Submittal ☐ Base Pan Heater Kit for details see Base Pan Heater Kit Submittal							
Specifications			Model Name PURY-PZ7TLMU-A (BS)							
Unit Type										
Nominal Cooling Capacity (208/230V)		Brush 72,000 80,000								
Nominal Heating Capacity (208/230V)		Brush 23~106 (15~82°C) DB Heating (Outdoor) -13~60°F (-26~15.5°C) WB								
Operating Temperature Range¹⁾		Cooling (Outdoor) *2 Heating (Outdoor)								
External Dimensions (H x W x D)		64-31/32 x 36-1/4 x 20-5/8 (1,650 x 920 x 740)								
Net Weight		lbs. (kg) 444 (201)								
External Finish		Pre-coated galvanized steel sheet								
Electrical Panel Requirements		Voltage, Phase, Hertz 208/230V/3-Phase, 60Hz								
Minimum Circuit Ampacity (MCA)		24 / 22								
Maximum Overcurrent Protection (MOP)		35 / 35								
Piping Diameter (Brazed) (in./mm)		Liquid (High Pressure) 5/8 (15.88) Gas (Low Pressure) 3/4 (19.05)								
Max. Total Refrigerant Line Length		FL 1,804								
Max. Refrigerant Line Length (Between ODU & IDU)		FL 541								
Max. Control Wiring Length		FL 1,840								
Indoor Unit		Total Capacity 50~150% of outdoor unit capacity Model / Quantity P06~P06V1-18								
Sound Pressure Levels		dBA (L) 58.0								
Fan										
Type x Quantity		Propeller fan x 1								
Efficiency Ratio		CFM 0.55								
External Static Pressure		In. WG (Pa) Selectable: 0, 0.12 or 0.24/WG, factory set to 0.12/WG								
Compressor Operating Range		13% to 100%								
Compressor Type x Quantity		Inverter scroll hermetic compressor R410A, 138w x 3/2 (6.6 kg)								
Protection		High Pressure High pressure sensor, High pressure switch at 4.15 MPa (601 psi) Inverter Circuit (Comp./Fan) Over-current protection								
Prevention Devices		High Pressure Fan Motor Thermal switch								
AHRI Ratings (Ducted/Non-Ducted)		EER 13.5 / 14.6 EERF 23.1 / 26.1 COP 3.05 / 3.30 SCHE 25.9 / 28.4								

NOTES:

*1: When applying product below -4°F, consult your design engineer for cold climate installation best practices, including the use of a backup source for heating.
 *2: For details on inverter control operation range, see Quantity 101-17 DB, and Low Ambient Kit Submittal.

CU-10, CU-11, CU-12, CU-13, CU-23, CU-24, CU-25

Specifications are subject to change without notice.

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Model: 10-TON PURY-P120TLMU-A (BS)

Job Name: _____

System Reference: _____

Date: _____

OUTDOOR VRF HEAT PUMP WITH HEAT RECOVERY SYSTEM

UNIT OPTION

☐ Standard Model _____ PURY-P120TLMU-A
☐ Seacoast (BS) Model _____ PURY-P120TLMU-A-BS

ACCESSORIES

☐ Joint Kit _____ for details see Pipe Accessories Submittal
☐ BC Controller (required) _____ for details see BC Controller Submittal
☐ Low Ambient Kit _____ for details see Low Ambient Kit Submittal
☐ Snow/Ice Guard Kit _____ for details see Snow/Ice Guard Kit Submittal
☐ Base Pan Heater Kit _____ for details see Base Pan Heater Kit Submittal

Specifications	Unit Type	Model Name
		PURY-P120TLMU-A (BS)
Nominal Cooling Capacity (208/230V)	Br/Wh	120,000
Nominal Heating Capacity (208/230V)	Br/Wh	135,000
Operating Temperature Range *1	Cooling (Outdoor) *2 Heating (Outdoor)	23~102°F (-5~38°C) DB -13~60°F (-22~15.5°C) WB
External Dimensions (H x W x D)	Lbs. (kg)	64.3/31.32 x 69.2/31.32 x 45.8/20.7 (1,650 x 1,750 x 1,46)
Net Weight	Lbs. (kg)	695 (315)
External Finish		Pre-coated galvanized steel sheet
Electrical Control Requirements	Voltage, Phase, Hertz	208/230V 3-Phase 60Hz
Minimum Circuit Ampacity (MCA)	A	42 / 39
Maximum Overcurrent Protection (MOP)	A	60 / 60
Piping Diameter (Brazed) (in. / mm)	Liquid (High Pressure) Gas (Low Pressure)	3/8 (16.05) 1-1/8 (28.58)
Max. Total Refrigerant Line Length	FT	1,069
Max. Refrigerant Line Length (Between ODU & IDU)	FT	541
Max. Control Wiring Length	FT	1,840
Indoor Unit	Total Capacity Model / Quantity	50~150% of outdoor unit capacity P06~P96/1~30
Sound Pressure Levels	dB(A)	60.0
Type x Quantity		Propeller fan x 2
Efficient Rate	CFM	11,300
External Static Pressure	In. W.G.	Selectable: 0.0, 0.12 or 0.24" W.G. factory set to 0.0" W.G.
Compressor Operating Range		15% to 100%
Compressor Type x Quantity		Inverter scroll hermetic compressor R410A; 2/3 ea. x 2 ea. (10.6 kg)
Refrigerant	High Pressure Inverter Circuit (Comp. / Fan)	High pressure sensor; High pressure switch at 4.15 MPa (601 psi) Over-current protection
Protection Devices	Fan Motor	Thermal switch
	EER	12.8 / 14.7
	IEER	19.9 / 24.6
	COP	3.52 / 3.99
	SCHE	25.3 / 30.3
AHRI Ratings (Ducted/Non-Ducted)		

NOTES:

*1 When applying product below 47°F, consult your design engineer for cold climate application best practices, including the use of a backup source for heating.

*2 For details on inverter-clocked cooling - energy savings (IES) - P12B, see Low Ambient Kit Submittal.

CU-4, CU-5, CU-6

Specifications are subject to change without notice.

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CITY MULTI™	Model: 12-TON PURY-P144TLMU-A (BS)	 MITSUBISHI ELECTRIC
Job Name:		Date:
System Reference:		
 OUTDOOR VRF HEAT PUMP WITH HEAT RECOVERY SYSTEM		
UNIT OPTION ☐ Standard Model.....PURY-P144TLMU-A ☐ Seacoast® BS Model.....PURY-P144TLMU-A-BS		
ACCESSORIES ☐ Joint Kit.....for details see Pipe Accessories Submittal ☒ BC Controller (required).....for details see BC Controller Submittal ☐ Low Ambient Kit.....for details see Low Ambient Kit Submittal ☐ Snow/Ice Guards XG.....for details see Snow/Ice Guards Kit Submittal ☐ Base Pan Heater Kit.....for details see Base Pan Heater Kit Submittal		
Specifications	Unit Type	Model Name PURY-P144TLMU-A (BS)
Nominal Cooling Capacity (20B/20V)	Btu/h	144,000
Nominal Heating Capacity (20B/20V)	Btu/h	160,000
Operating Temperature Range *1	Cooling (Outdoor) Heating (Outdoor)	-23~124°F (-5~52°C) DB -13~69°F (-26~15.5°C) WB
External Dimensions (H x W x D)	In./mm	64-31.32 x 65-29.52 x 20.86 (1,650 x 1,750 x 740)
Net Weight	Lbs./kg	666 (315)
External Finish		Pre-coated galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	208-230V/3Phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	52/48
Maximum Overcurrent Protection (MOP)	A	60/70
	Liquid (High Pressure)	7/8p (22.85)
	Gas (Low Pressure)	1-1/8 (28.58)
Max. Total Refrigerant Line Length	Ft.	1,669
Max. Refrigerant Line Length (Between ODU & IDU)	Ft.	541
Max. Control Wiring Length	Ft.	1,640
Indoor Unit	Total Capacity	50~150% of outdoor unit capacity
	Model / Quantity	P06~P06E/1~36
Sound Pressure Levels	dB(A)	61.0
Type x Quantity	CFM	Propeller Fan x 2
Artion Rate		11.350
External Static Pressure	In. WG	Selectable: 0.012 or 0.24"W.G. factory set to 0"W.G.
Compressor Operating Range		15% to 100%
Compressor Type x Quantity		Inverter scroll split phase compressor
Refrigerant		R410A, 23 lbs ± 2 oz. (10.5 kg)
Protection Devices	High Pressure Inverter Circuit (Comp. / Fan) Fan Motor	High pressure sensor, High pressure switch at 4.15 MPa (601 psi) Over-current protector Thermal switch
AHRF Ratings (Ducted/Non-Ducted)	EER SEER COP SCHE	12.2 / 14.0 19.7 / 24.3 3.38 / 3.72 24.8 / 27.7

NOTES:
 *1 When applying product below: 47°F consult your design engineer for cold climate application best practices, including the use of a backup source for heating.
 *2 For details on selected cooling operation range consult 10-1 FDB and Low Ambient Kit Submittal.

CU-27

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AC CONDENSER UNIT

Series 10 (3-12.5 Ton Package) M52A

Single Package R-410A Air Conditioner

Unit Model #R_ J1H2HN4202B18AA1A1

System: J1H2HN4202B18AA1A1

Project Name: Snyder 8-30-2017

Quantity: 1

Global gross capacity

Cooling Performance	12N, 1 MEH
sensible gross capacity	91.9 MEH
sensible net capacity	118.2 MEH
sensible net capacity	81.5 MEH
efficiency at (Jai ARI)	11.5 EER
integrated eff. (at ARI)	12.00 IEER
entering DB temp.	96.0 °F
entering WB temp.	80.0 °F
entering WB temp.	67.0 °F
leaving DB temp.	56.0 °F
leaving WB temp.	56.0 °F
power input (two blowers)	8.64 kW
sound power	67 dB(A)

Refrigerant	R-410A
Refrigerant type	R-410A
Size	8.0 lb. 0.2
Size2	7.85 lb.

Heat Gaining Performance

Heat Gaining Performance	60 °F
Entering DB temp.	60 °F
Entering WB temp. (Max)	40.00 CFM
Supply air	2.00 MEH
Heating rated capacity (Max)	104.4 °F
Heating DB temp.	44.4 °F
For temp. rise	8.0 °F
GSE	3.02 %

Supply Air Blower Performance

Supply air	4000 CFM
Static pressure	0.25 INWG
Static pressure (Options/Accessories)	0.90 INWG
Static pressure (Options/Accessories)	1.900 RPM
Static pressure (including service factor)	Bottom 1
Actual required BHP	3.17 HP
Actual required BHP	2.95 kW
Elevation	661.3
Pressure	0.01
Requires field-supplied drive	BLT

Electrical Data

Power supply	230-240 V
Unit min. circuit ampacity	51.7 Amps
Unit max. current protection	60 Amps

Dimensions & Weight

Unit with factory installed options	12N, 1 MEH
Height	36 in.
Width	88 in.
Depth	36 in.

Clearances

Clearances	36 in.
Right	12 in.
Left	12 in.
Bottom	0 in.
Back	36 in.

Note: Please refer to the link provided for listed maximum static pressures

10 Ton

• All Series 10 units are manufactured at an ISO 9001 registered facility and each circuit is completely computer controlled prior to shipment.

Unit Features

- Two Stage Controls
- 240 Mbt/h Unit Aluminum Slat, Two Stage Gas Heat
- Full perimeter base rails with built in galling channels
- Unit Certified for use with "Proven" Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B117 Standards)
- Horizontal Compressions
- The Dual Low Leak Economizer with Barometric Relief and Bottoms (Bottom or Bottom End Return only with Economizer Fault Detection & Diagnostic Means ASHRAE 91-2013, IECC 2015, California Title 24, IMCA 211).
- Slide-out BLOWER 1/8" Belt Drive Motor Assembly
- Unit Ships with 2" Thru-roof Flashes
- Solid Core Liquid Line Filter Driers
- Replacement Filters: 4" (24" x 20") Unit accepts 2" or 4" wide filters.
- Short Circuit Current, Gas Heat Symmetrical
- Through-the-Roof and Through-the-base Wire Connections
- Single Point Power Connection
- Complete "all-in-one" condenser coil, Copper tube/aluminum fin evaporator coil
- Micro-Slide Drain Pan - Front Connection
- Hinged Access Panels
- Standard Unit Controller: Simplicity Control Switches, a Safety Monitoring - Monitors the High and Low-Pressure Switches, the Freezestat, the Low Ambient, High and Low Temperature Limit Switch on Gas and Electric Heat Lines. The Unit Control Board will Alarm on Ignition Failures, Safety Lockouts and Repeated Limit Switch Trips.
- An Integrated Low-Voltage Control, Anti-Short Cycle Protection, Lead-Lag, Fan On and Fan off Delays, Low Voltage Protection, On-board Diagnostic and Fault Code Display. Allows all units to operate in the cooling mode down to 60 °F outdoor ambient without frost.

BAS Controller

• Broadly SE Controller including Discharge Air Return Air, and Outdoor Air Temperature Sensors

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Ten (10) Year Limited Warranty - Aluminum Steel Heat Exchanger

MAU-1

Unitary Series 10 (3-12.5 Ton)

Information is subject to change without notice. Check our website for the latest information.

Page 1 of 1

MAKEUP AIR UNIT

MATT MARKOWITZ ARCHITECT P.C.
DATE: 05-25-2018

MILBURN HOTEL- 242 WEST 76TH STREET NEW YORK, N.Y.

LPC-15