

- REFERENCE NOTES:
- 1) CONED SERVICE FEEDERS INSTALLATION AND DIVISION OF RESPONSIBILITIES:
 - 1) CONED WILL PROVIDE (2) 4" CONDUITS FROM EXISTING CONED MANHOLE TO MEET (12) 4" GRS CONCRETE ENCASED CONDUITS INSTALLED UNDER ITEM A.2. BELOW.
 - 2) ELECTRICAL CONTRACTOR SHALL RUN (12) 4" GRS CONDUITS FROM SERVICE END BOX TO FIVE FEET BEYOND OUTER EDGE OF THE EXISTING RETAINING WALL AND MEET CONED INSTALLED CONDUITS TO PROVIDE CONTINUOUS PATH FROM SERVICE END BOX TO EXISTING CONED MANHOLE. CONDUITS FROM SERVICE END BOX TO EXISTING CONED MANHOLE SHALL BE CONCRETE ENCASED. COORDINATE EXISTING RETAINING WALL PENETRATION WITH STRUCTURAL ENGINEER.
 - 3) ELECTRICAL CONTRACTOR SHALL PROVIDE (10) 4#500MCM FEEDERS FROM EXISTING CONED MANHOLE TO SERVICE END BOX.
 - 4) TERMINATION IN EXISTING CONED MANHOLE AND SERVICE END BOX SHALL BE BY CONED.
 - 5) ANY SEQUENCE ABOVE SHALL BE USED AS A GUIDELINE ONLY AND SHALL BE COORDINATED AND MODIFIED AS PER CONED DIRECTIONS.
 - 2) COORDINATE ELEVATION OF UNDERGROUND CONDUITS WITH CONED
 - 3) HEAT TRACING FOR SANITARY PIPES. SEE PLUMBING DWG FOR LENGTH AND EXACT LOCATION.
 - 4) COORDINATE WITH TELECOM CONSULTANT. SEE TELECOM RISER DIAGRAM FOR MORE INFORMATION.
 - 5) DRY PIPE VALVE ASSEMBLY CONTROL PANEL

GROUND FLOOR ELECTRICAL POWER PLAN
 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

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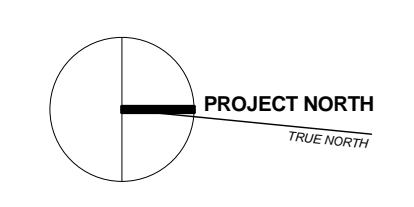
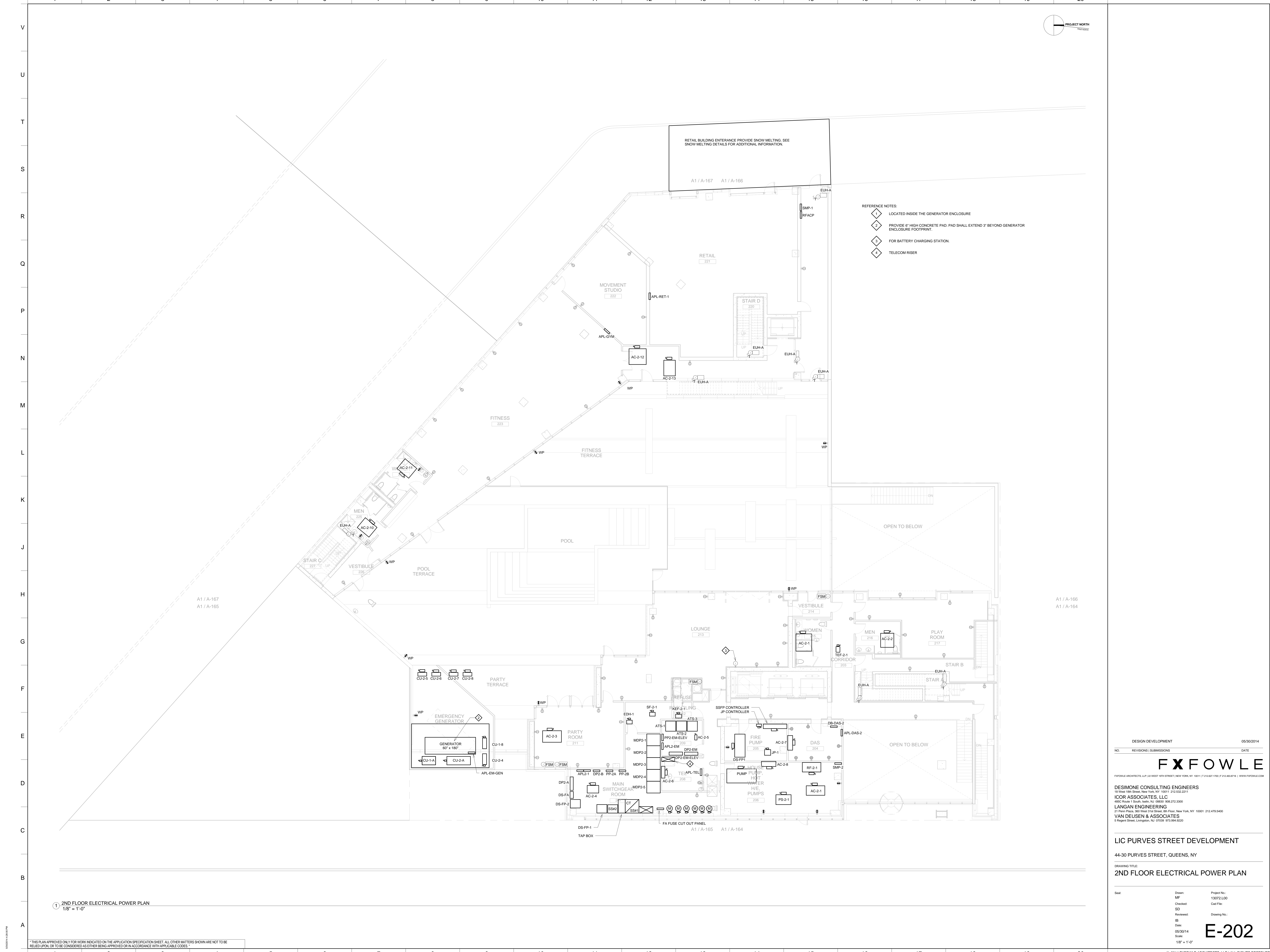
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
GROUND FLOOR ELECTRICAL POWER PLAN

Seal:	Drawn:	Project No.:
	MF	13072.L00
	SD	Conc File
	Reviewed:	IB
	Date:	05/30/14
	Scale:	1/8" = 1'-0"

E-201



RETAIL BUILDING ENTRANCE PROVIDE SNOW MELTING. SEE SNOW MELTING DETAILS FOR ADDITIONAL INFORMATION.

A1 / A-167 A1 / A-166

- REFERENCE NOTES:
- LOCATED INSIDE THE GENERATOR ENCLOSURE
 - PROVIDE 6" HIGH CONCRETE PAD. PAD SHALL EXTEND 3' BEYOND GENERATOR ENCLOSURE FOOTPRINT.
 - FOR BATTERY CHARGING STATION.
 - TELECOM RISER

1 2ND FLOOR ELECTRICAL POWER PLAN
1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

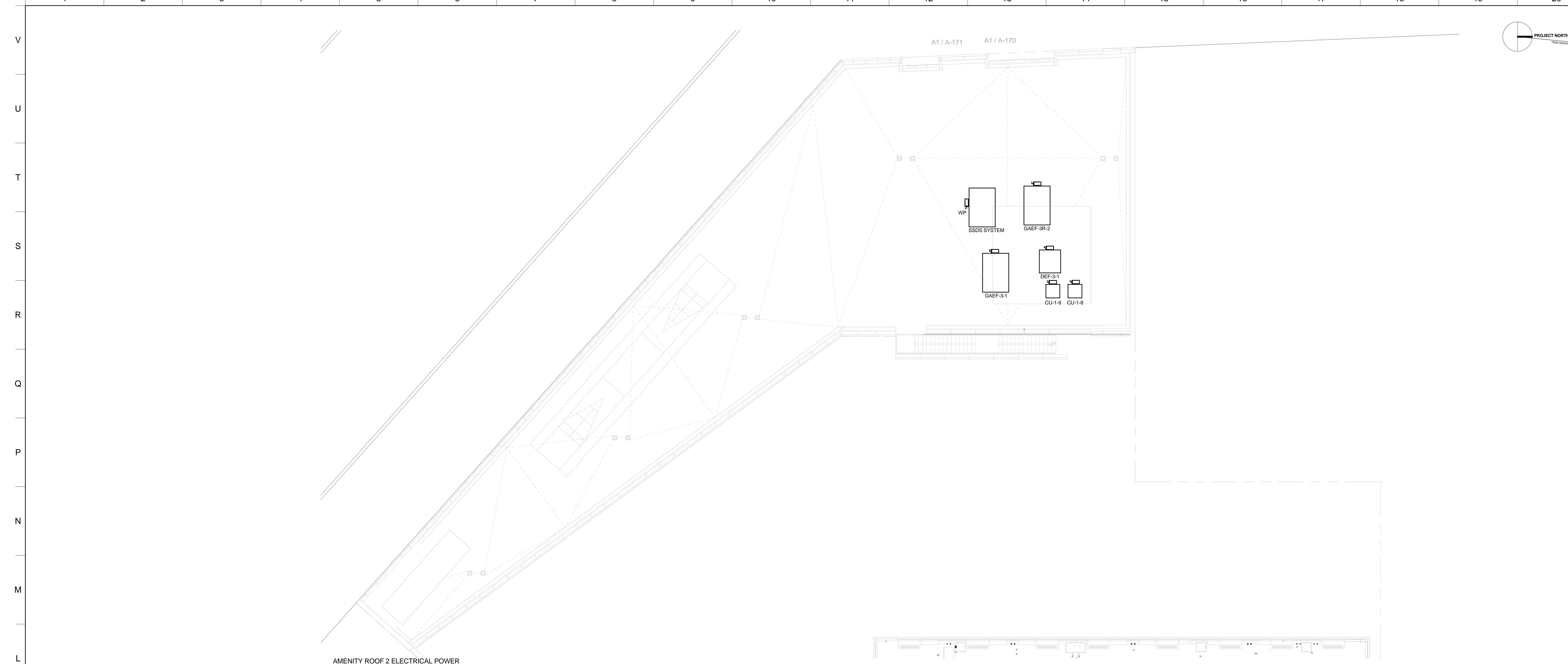
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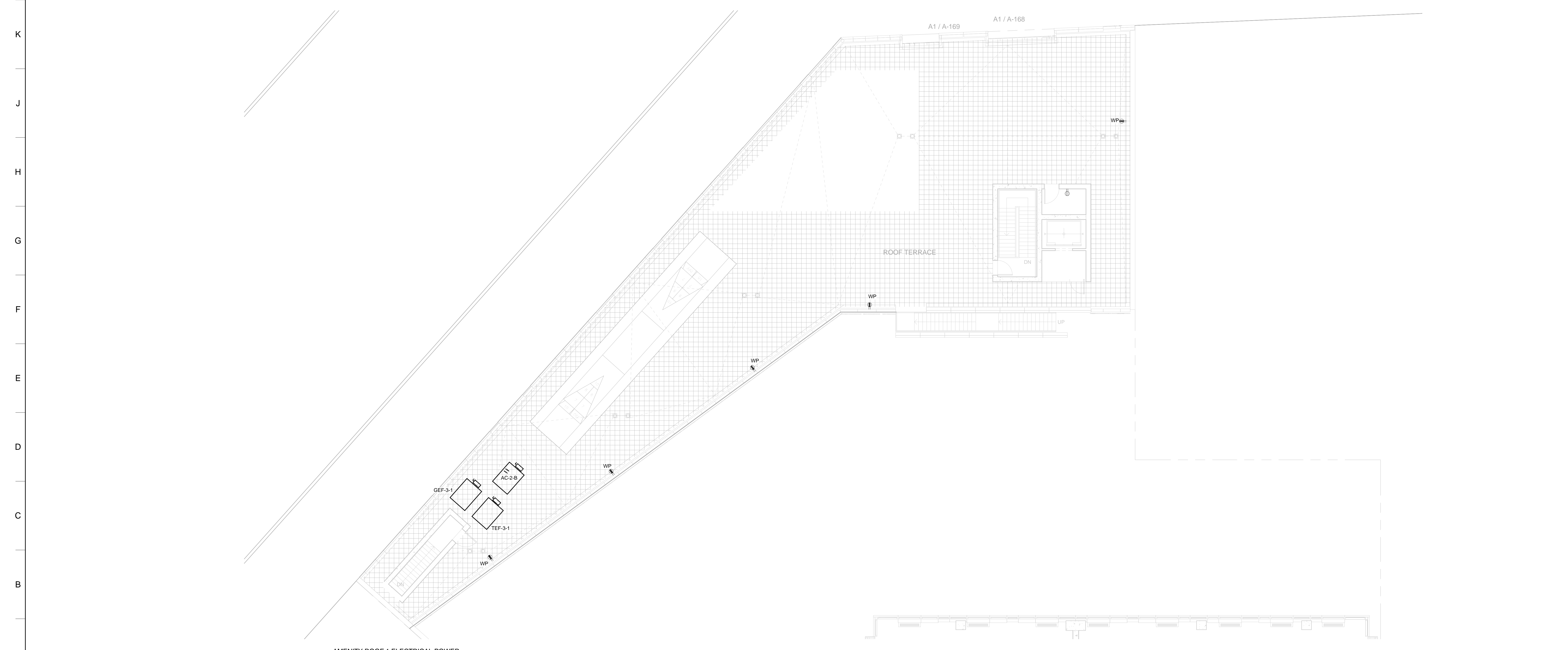
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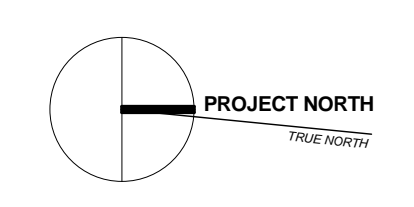
E-202



② AMENITY ROOF 2 ELECTRICAL POWER PLAN
1/8" = 1'-0"



① AMENITY ROOF 1 ELECTRICAL POWER PLAN
1/8" = 1'-0"



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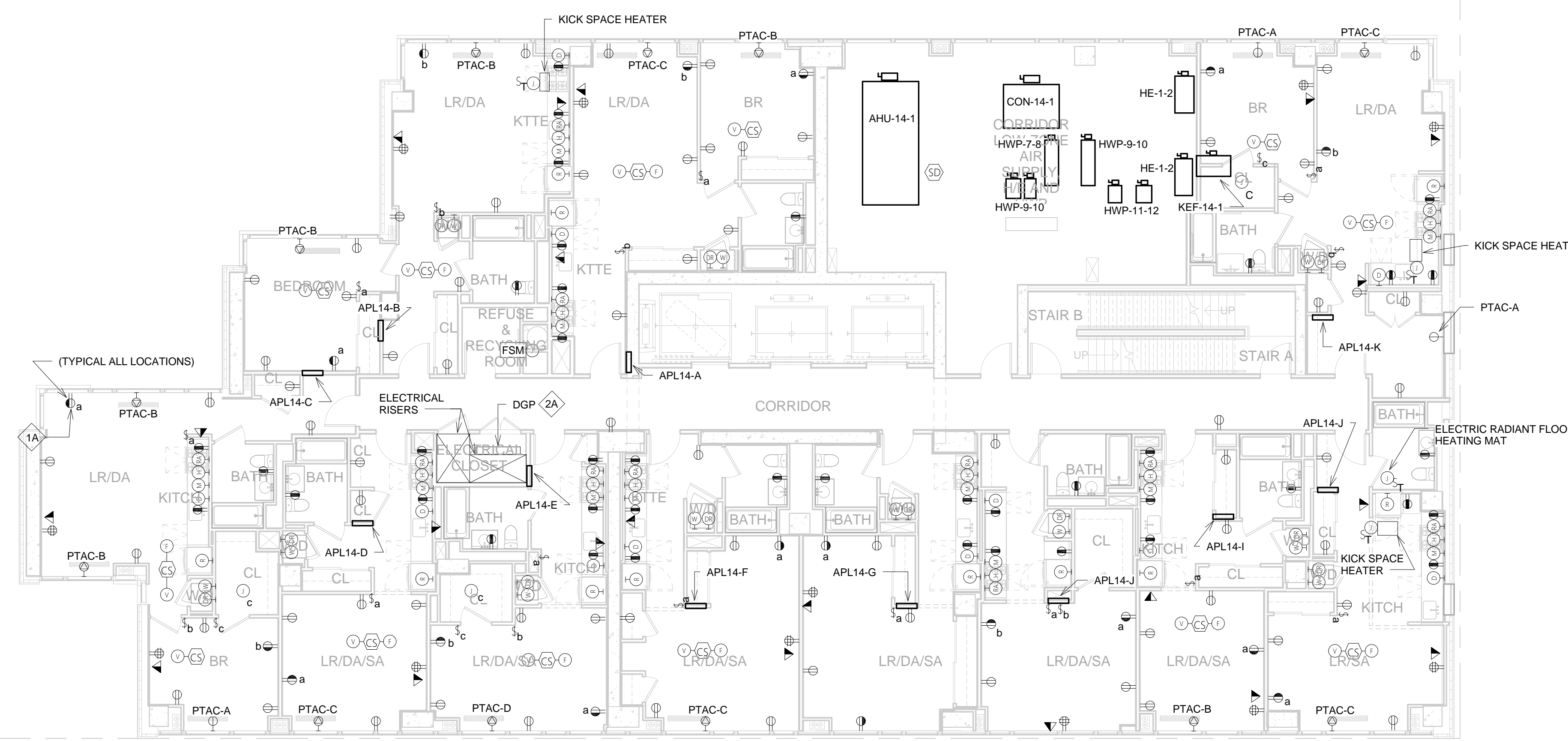
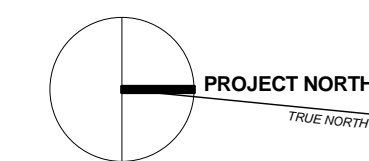
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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
AMENITY BUILDING ROOF ELECTRICAL POWER PLANS

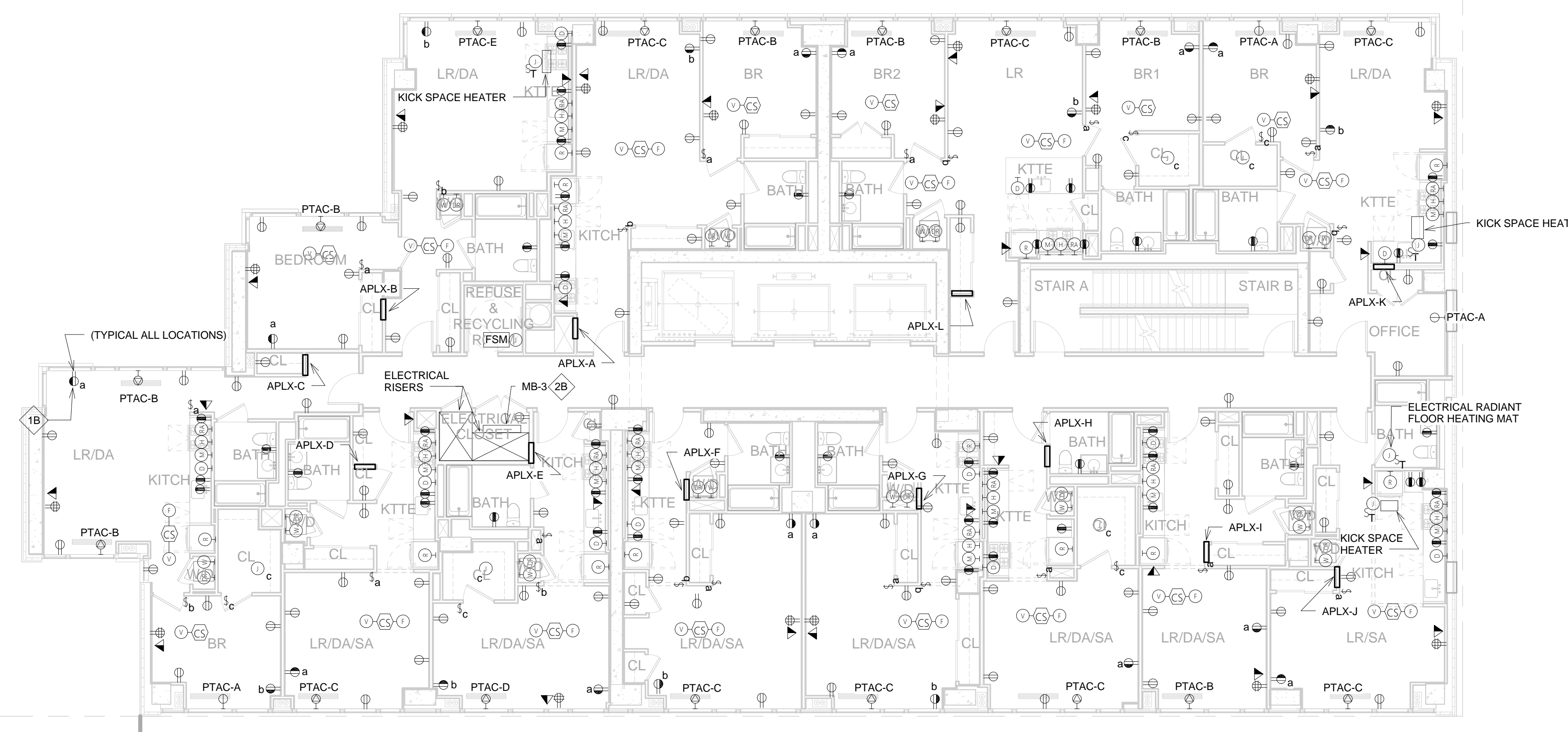
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Date:	Scale:
05/30/14	1/8" = 1'-0"



- REFERENCE NOTES:
- 1A. DUPLEX RECEPTACLE WITH ONE OUTLET (AT THE BOTTOM) CONTROLLED BY THE SWITCH AND THE OTHER OUTLET (AT THE TOP) TO BE UNSWITCHED.
- ELECTRICAL CLOSET:
- A. SEE RISER DIAGRAM FOR ADDITIONAL FLOOR WITH PANELS LOCATED IN THE ELECTRICAL CLOSET.
 - B. SEE RISER DIAGRAM FOR PANELS AND RECEPTABLES QUANTITIES AND WIRING ASSOCIATED WITH TELEPHONE/TELECOM AND DAS EQUIPMENT POWER REQUIREMENTS.

- PLAN NOTES:
- 1A. ALL CIRCUITS WITHIN EACH APARTMENT IS TO BE CONNECTED TO THE APARTMENT PANEL INSIDE EACH APARTMENT U.O.N.
 - 2A. CORRIDOR RECEPTABLES ARE TO BE CONNECTED TO PANEL "APL-3", U.O.N. SEE PANEL SCHEDULES FOR CIRCUITS.

2 14TH FLOOR ELECTRICAL POWER PLAN
1/8" = 1'-0"



- REFERENCE NOTES:
- 1B. DUPLEX RECEPTACLE WITH ONE OUTLET (AT THE BOTTOM) CONTROLLED BY THE SWITCH AND THE OTHER OUTLET (AT THE TOP) TO BE UNSWITCHED.
- ELECTRICAL CLOSET:
- A. SEE RISER DIAGRAM FOR ADDITIONAL FLOOR WITH PANELS LOCATED IN THE ELECTRICAL CLOSET.
 - B. SEE RISER DIAGRAM FOR PANELS AND RECEPTABLES QUANTITIES AND WIRING ASSOCIATED WITH TELEPHONE/TELECOM AND DAS EQUIPMENT POWER REQUIREMENTS.

- PLAN NOTES:
- 1B. ALL CIRCUITS WITHIN EACH APARTMENT IS TO BE CONNECTED TO THE APARTMENT PANEL INSIDE EACH APARTMENT U.O.N.
 - 2B. CORRIDOR RECEPTABLES ARE TO BE CONNECTED TO PANEL "APL-3", U.O.N. SEE PANEL SCHEDULES FOR CIRCUITS.

3RD - 13TH FLOOR ELECTRICAL POWER PLAN
1/8" = 1'-0"

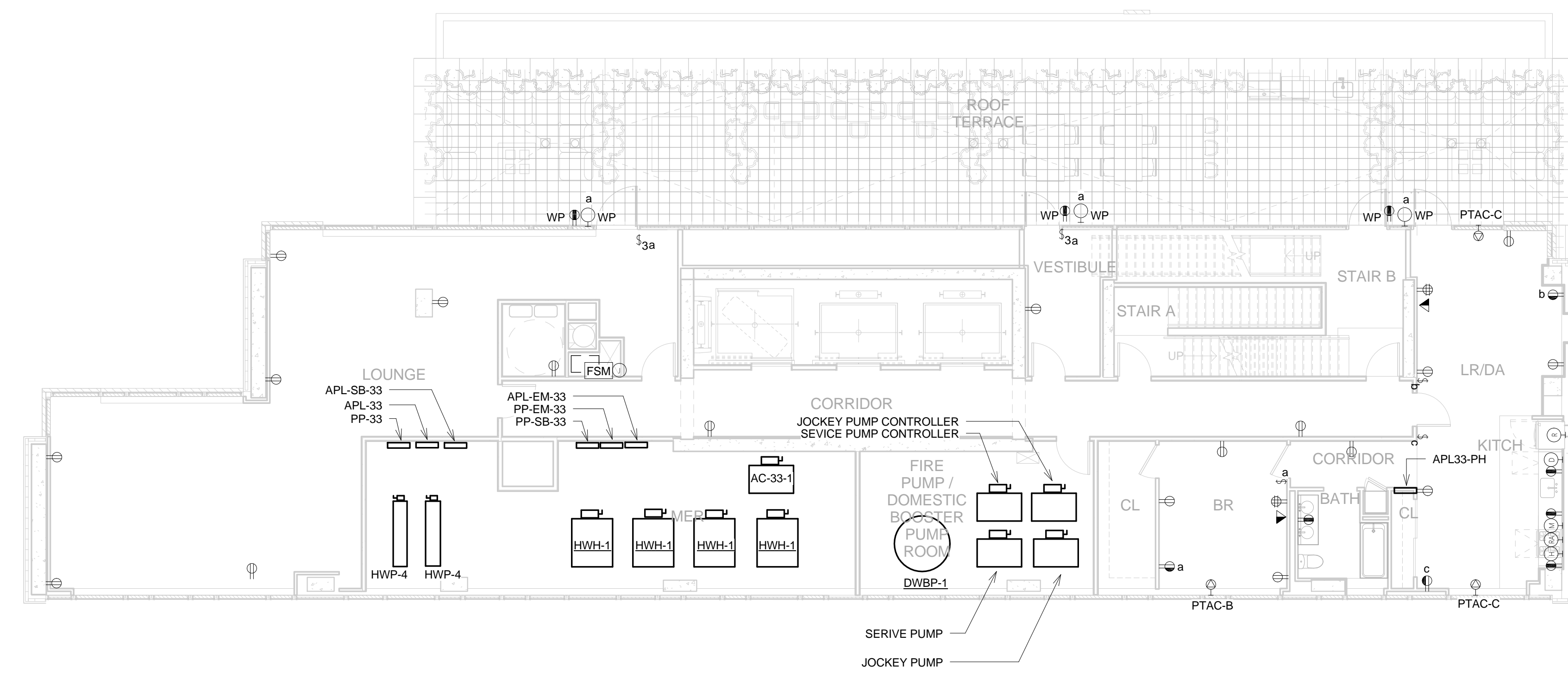
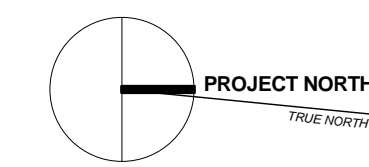
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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

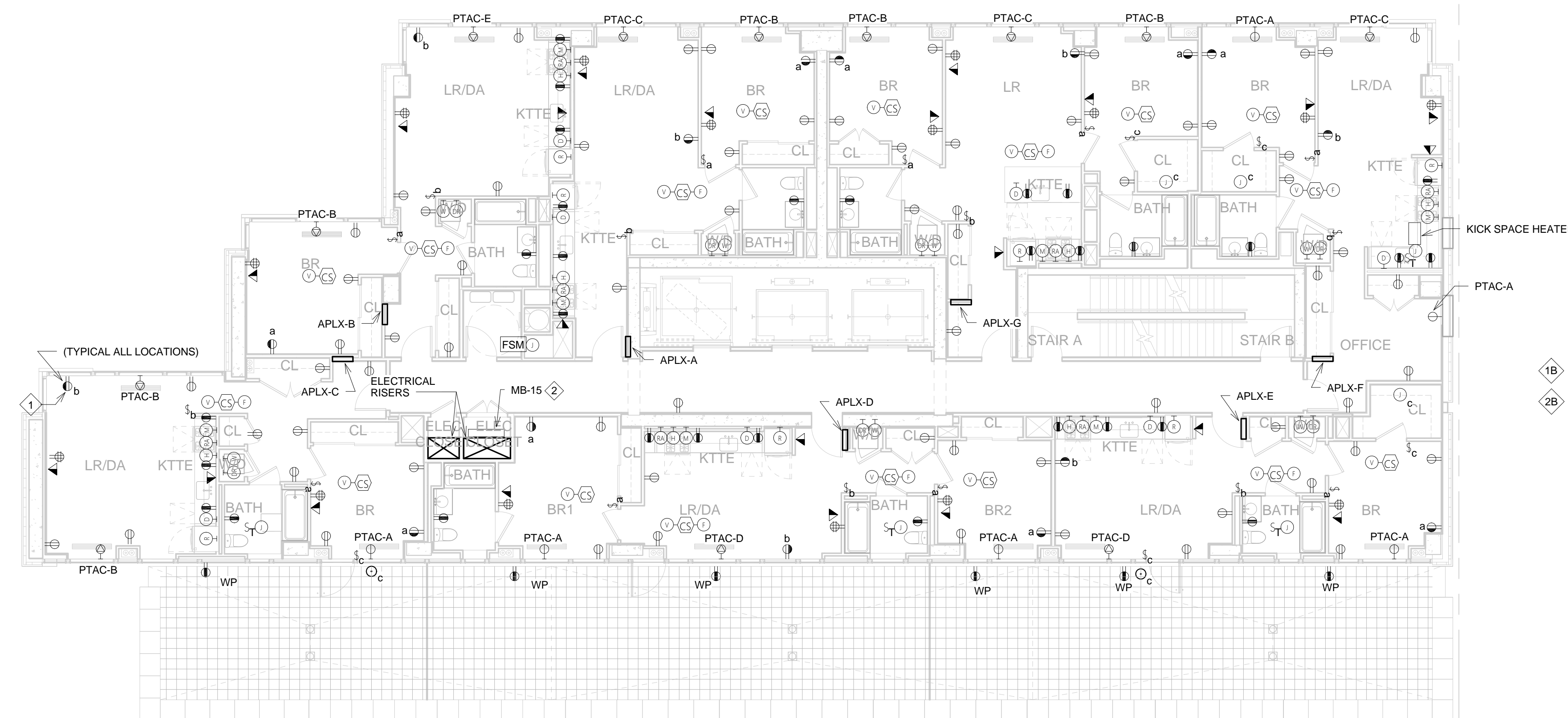
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3RD - 14TH FLOOR
ELECTRICAL POWER PLANS

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② 33RD FLOOR ELECTRICAL POWER PLAN
1/8" = 1'-0"



15TH - 32ND FLOOR ELECTRICAL POWER PLAN
① 1/8" = 1'-0"

REFERENCE NOTES:

1B DUPLEX RECEPTACLE WITH ONE OUTLET (AT THE BOTTOM), CONTROLLED BY THE SWITCH AND THE OTHER OUTLET (AT THE TOP) TO BE UNSWITCHED.

2B ELECTRICAL CLOSET:

- A. SEE RISER DIAGRAM FOR ADDITIONAL FLOOR WITH PANELS LOCATED IN THE ELECTRICAL CLOSET.
- B. SEE RISER DIAGRAM FOR PANELS AND RECEPTABLES QUANTITIES AND WIRING ASSOCIATED WITH TELEPHONE/TELECOM AND DAS EQUIPMENT POWER REQUIREMENTS.

PLAN NOTES:

- 1B ALL CIRCUITS WITHIN EACH APARTMENT IS TO BE CONNECTED TO THE APARTMENT PANEL INSIDE EACH APARTMENT U.O.N.
- 2B CORRIDOR RECEPTABLES ARE TO BE CONNECTED TO PANEL "APL-14", U.O.N. SEE PANEL SCHEDULES FOR CIRCUITS.

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LIC PURVES STREET DEVELOPMENT

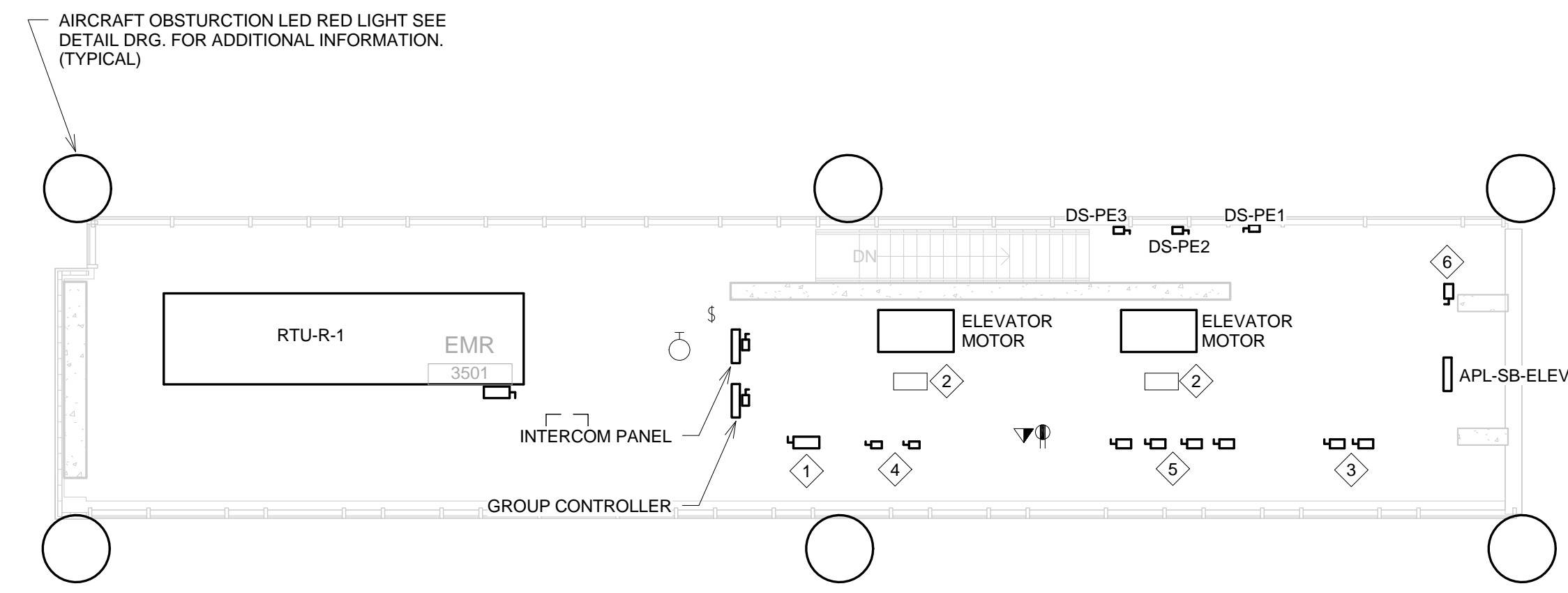
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15TH - 33RD FLOOR
ELECTRICAL POWER PLANS

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E-215

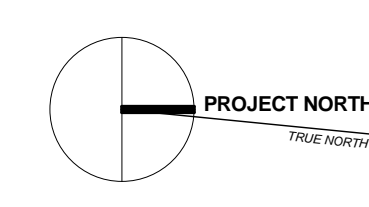
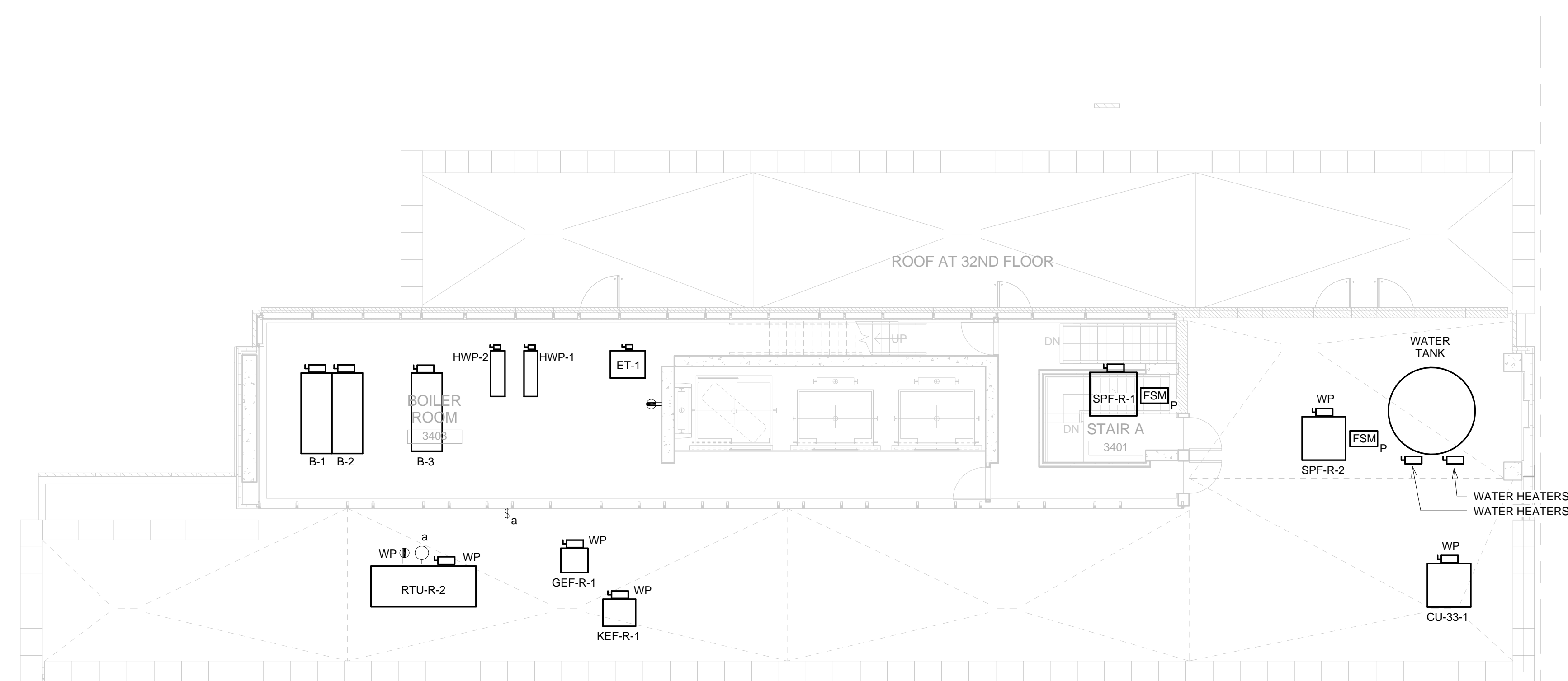
2 EMR ELECTRICAL POWER PLAN
1/8" = 1'-0"



REFERENCE NOTES:

- 1 PROVIDE DRY, NONIC CONTACTS IN EACH ELEVATOR CONTROLLER. WHEN EMERGENCY GENERATOR IS REQUIRED, TRANSFER SIGNAL FROM AUTOMATIC TRANSFER SWITCH SHALL BE AVAILABLE FOR THE ELEVATOR CONTROLLER TO IDENTIFY THAT TRANSFER TO EMERGENCY POWER HAS OCCURRED AND ANOTHER SIGNAL PRIOR TO TRANSFER BACK TO NORMAL POWER. QUANTITY AS REQUIRED.
- 2 ELEVATOR CONTROLLER.
- 3 SHUNT TRIP FUSED DISCONNECT SWITCH.
- 4 FUSED DISCONNECT SWITCH ASSOCIATED WITH CIRCUIT REQUIRED FOR TRAIL CABLE.
- 5 DEDICATED FUSED DISCONNECT SWITCH ASSOCIATED WITH CAB LIGHTING AND AIR CONDITIONING CIRCUITS. QUANTITY AS REQUIRED.
- 6 REQUIRED DISCONNECT SWITCH DEDICATED TO THE ELEVATOR MACHINE ROOM VENTILATION.

1 LOWER ROOF ELECTRICAL POWER PLAN
1/8" = 1'-0"



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LIC PURVES STREET DEVELOPMENT

44-30 PURVES STREET, QUEENS, NY

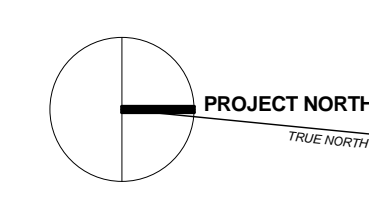
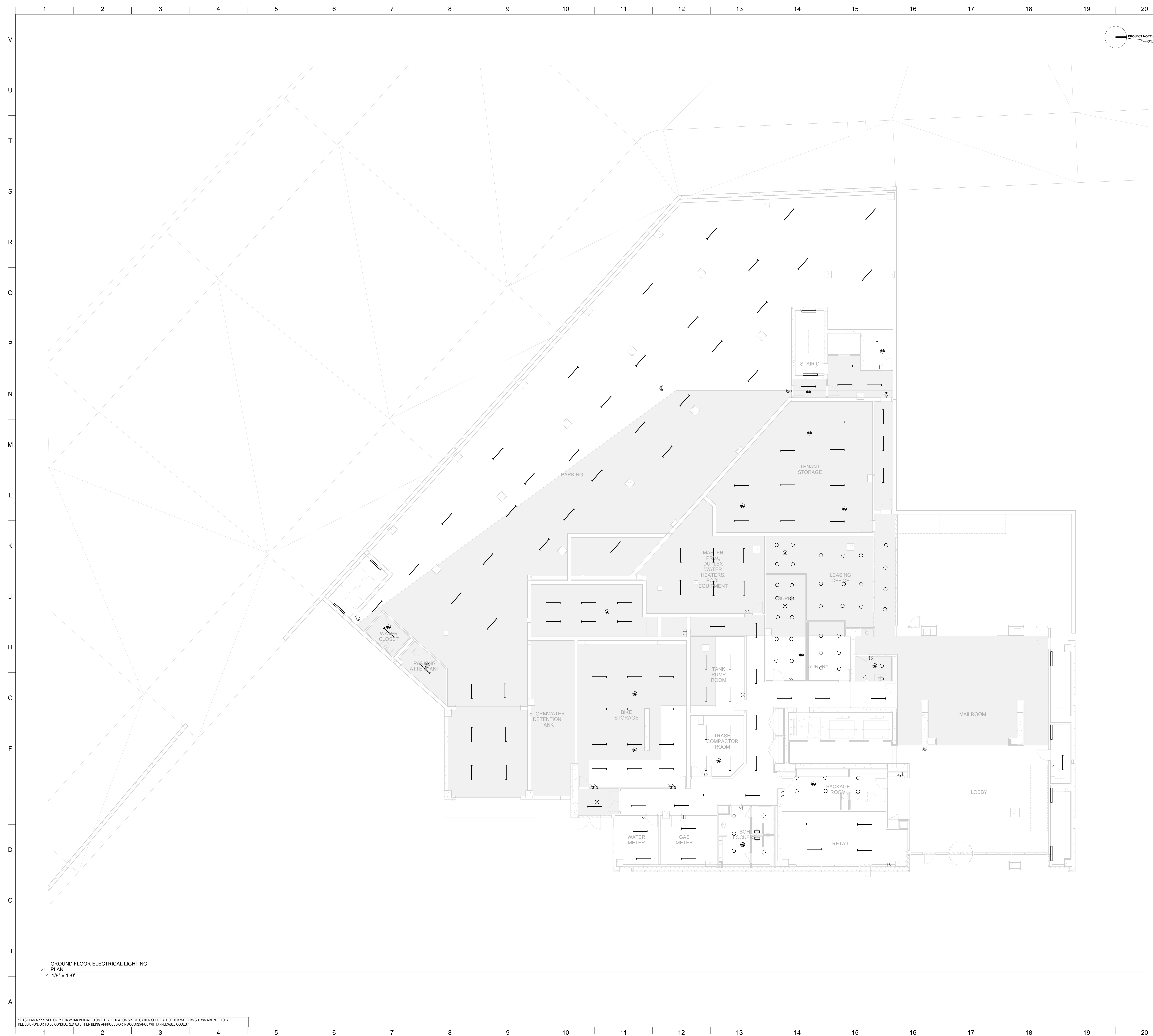
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LOWER ROOF & EMR ELECTRICAL POWER PLANS

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E-234

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GROUND FLOOR ELECTRICAL LIGHTING PLAN
 1/8" = 1'-0"

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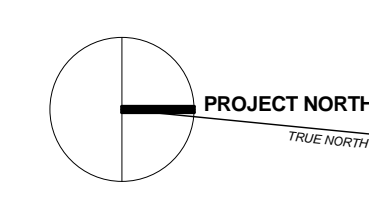
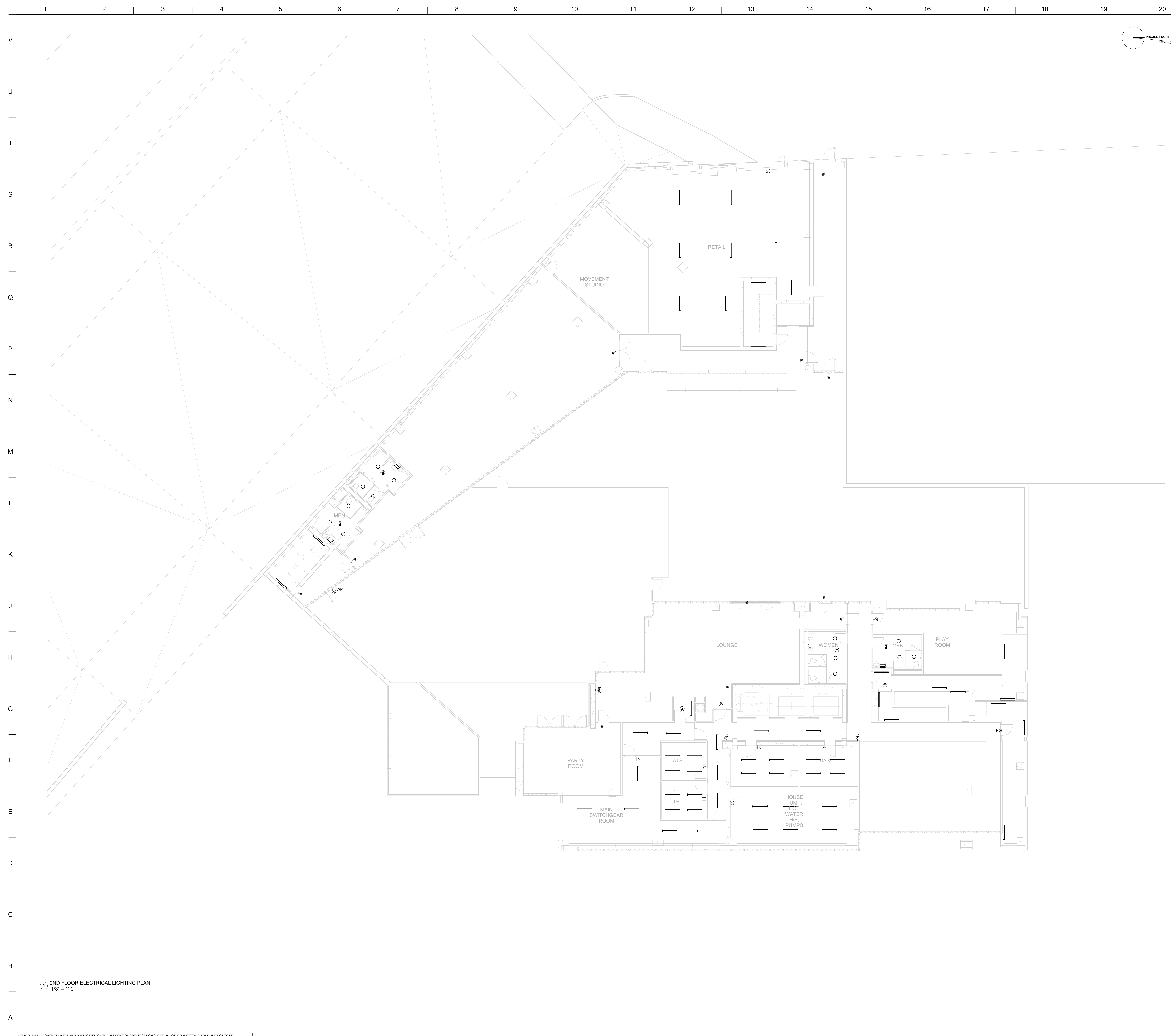
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 DRAWING TITLE:
GROUND FLOOR ELECTRICAL LIGHTING PLAN

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1 2ND FLOOR ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

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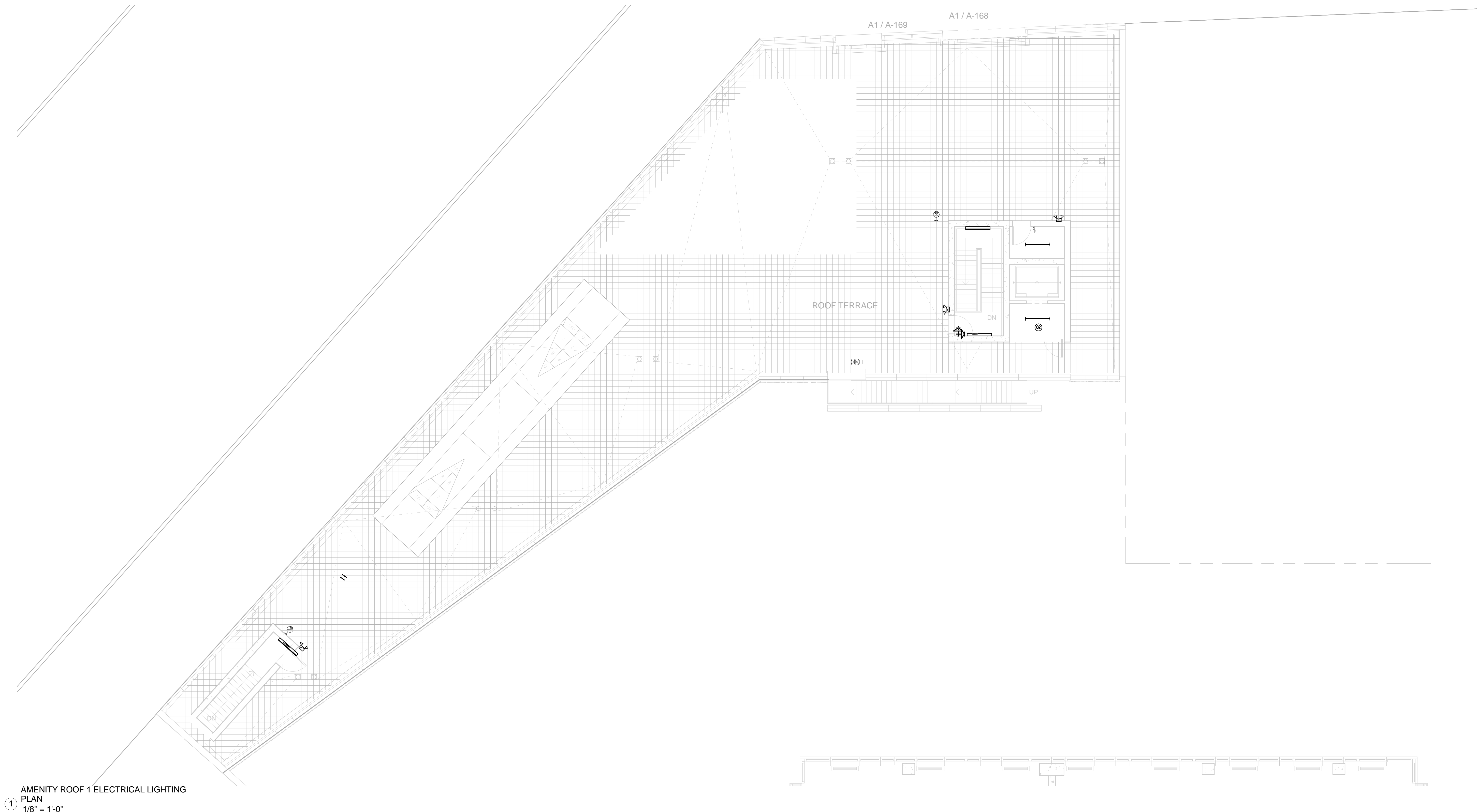
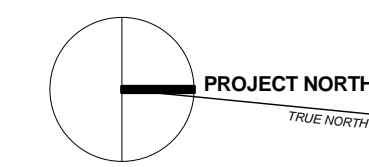
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DRAWING TITLE:
2ND FLOOR ELECTRICAL LIGHTING PLAN

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E-302

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AMENITY ROOF 1 ELECTRICAL LIGHTING PLAN
①
1/8" = 1'-0"

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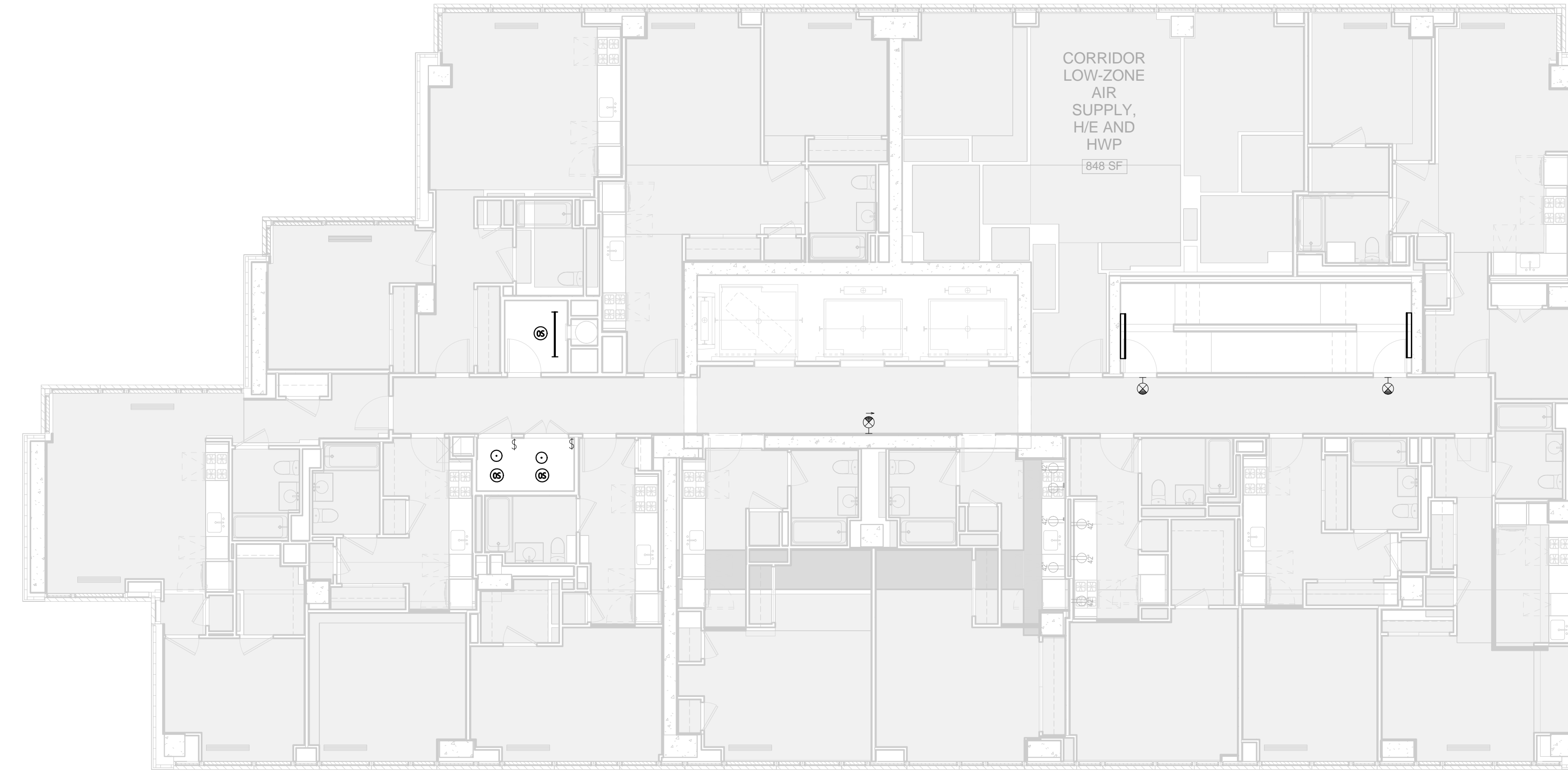
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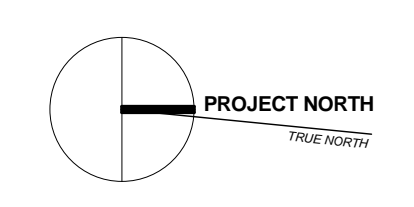
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14TH FLOOR ELECTRICAL LIGHTING PLAN
 ②
 1/8" = 1'-0"



3RD - 13TH FLOOR ELECTRICAL LIGHTING PLAN
 ①
 1/8" = 1'-0"



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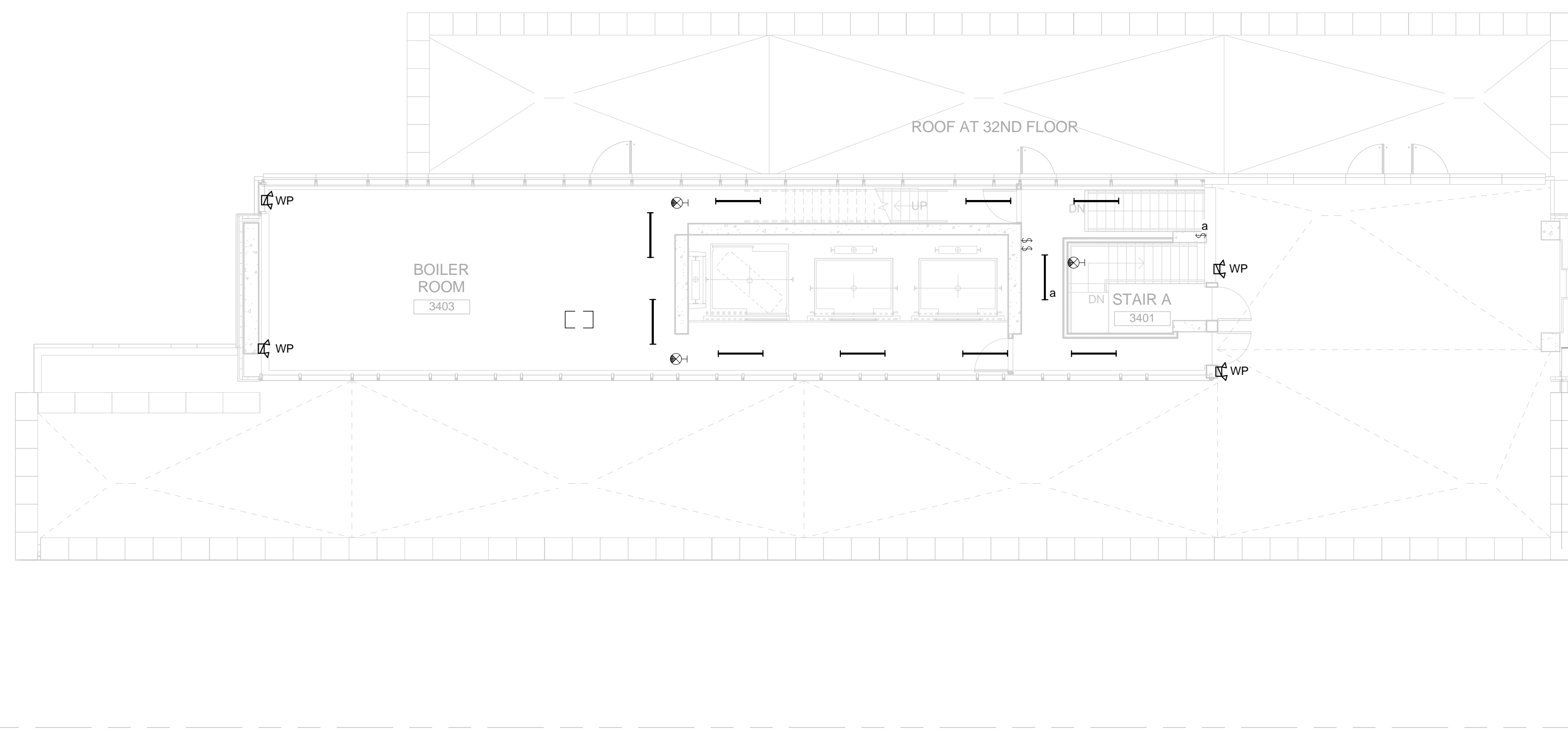
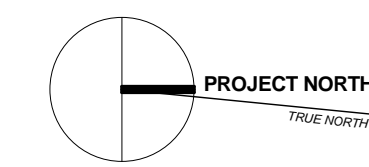
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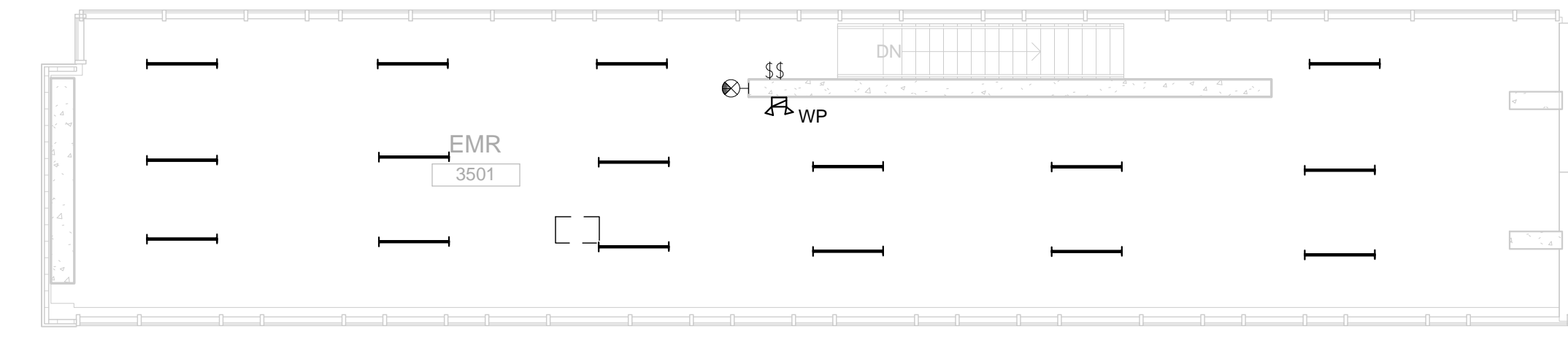
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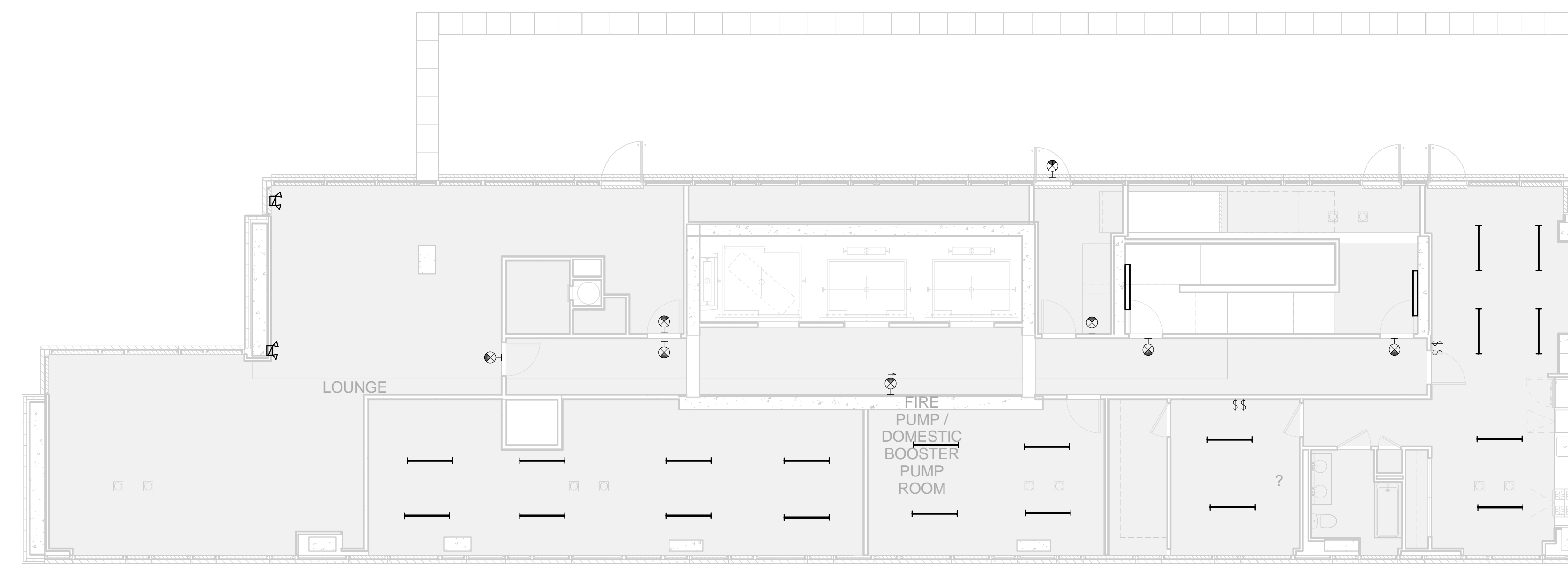
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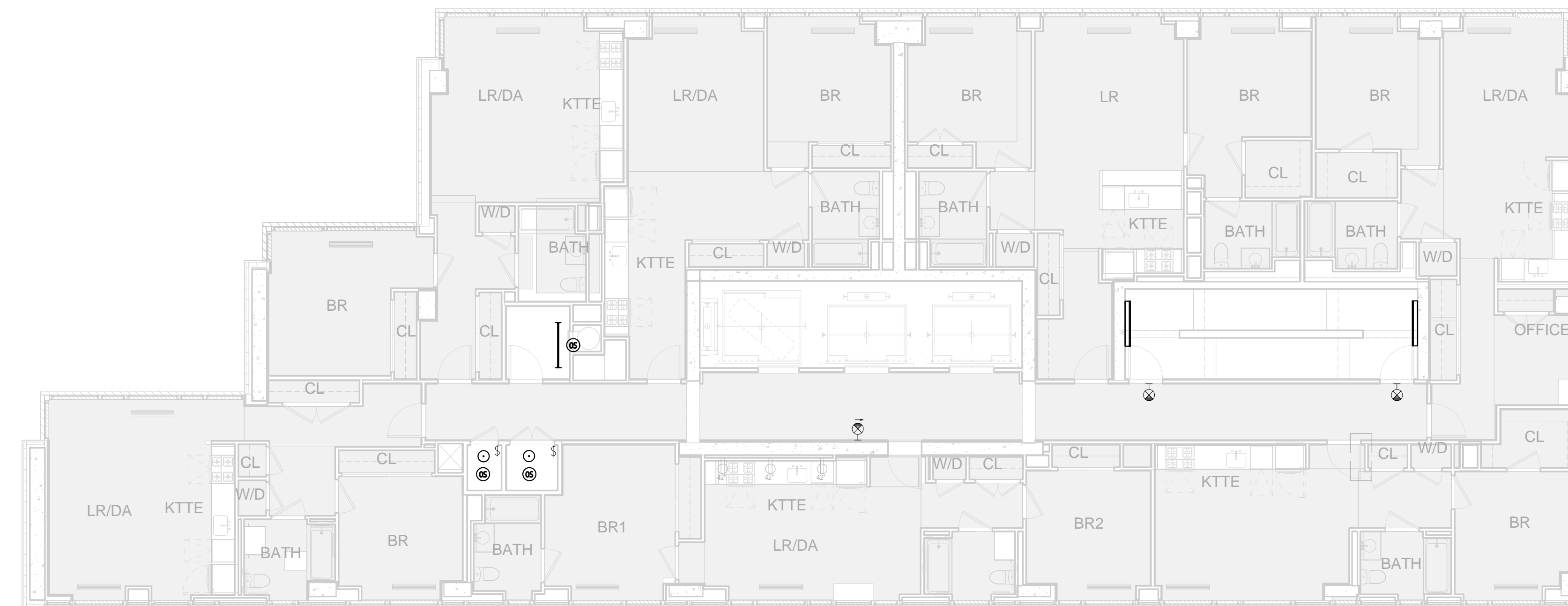
3 LOWER ROOF ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"



4 EMR ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"



2 33RD FLOOR ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"



1 15TH - 32ND FLOOR ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

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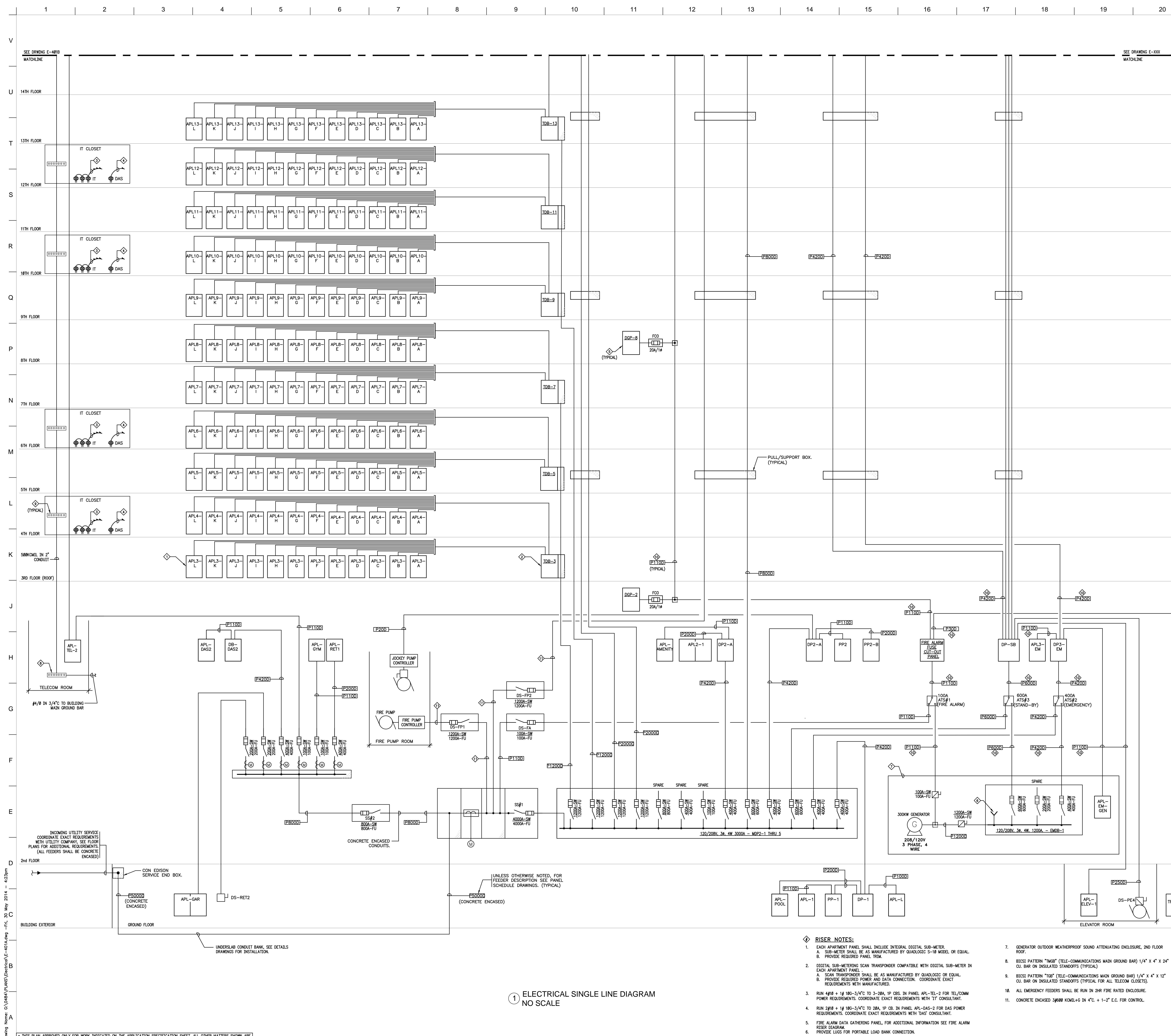
LIC PURVES STREET DEVELOPMENT

44-30 PURVES STREET, QUEENS, NY

**DRAWING TITLE:
15TH FLOOR - EMR
ELECTRICAL LIGHTING PLANS**

Seal	Drawn	Project No.
	MF	13072.L00
	Checked	Carl File
	SD	
	Reviewed	IB
	Date	05/30/14
	Scale	1/8" = 1'-0"

E-315



① ELECTRICAL SINGLE LINE DIAGRAM
NO SCALE

RISER NOTES:

- EACH APARTMENT PANEL SHALL INCLUDE INTEGRAL DIGITAL SUB-METER.
 - SUB-METER SHALL BE AS MANUFACTURED BY QUADLOGIC S-18 MODEL OR EQUAL.
 - PROVIDE REQUIRED PANEL TRIM.
- DIGITAL SUB-METERING SCAN TRANSPONDER COMPATIBLE WITH DIGITAL SUB-METER IN EACH APARTMENT PANEL.
 - SCAN TRANSPONDER SHALL BE AS MANUFACTURED BY QUADLOGIC OR EQUAL.
 - PROVIDE REQUIRED POWER AND DATA CONNECTION. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER.
- RUN #10 + 1# 18G-3/4" TO 3-2BA, 1P CRSS. IN PANEL APL-TEL-2 FOR TEL/COMM POWER REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH "IT" CONSULTANT.
- RUN 2#10 + 1# 18G-3/4" TO 2BA, 1P CB. IN PANEL APL-DAS-2 FOR DAS POWER REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH "DAS" CONSULTANT.
- FIRE ALARM DATA GATHERING PANEL, FOR ADDITIONAL INFORMATION SEE FIRE ALARM RISER DIAGRAM.
- PROVIDE LUGS FOR PORTABLE LOAD BANK CONNECTION.
- GENERATOR OUTDOOR WEATHERPROOF SOUND ATTENUATING ENCLOSURE, 2ND FLOOR ROOF.
- BICSI PATTERN "TMB" (TELE-COMMUNICATIONS MAIN GROUND BAR) 1/4" X 4" X 24" CU. BAR ON INSULATED STANDOFFS (TYPICAL).
- BICSI PATTERN "TGB" (TELE-COMMUNICATIONS MAIN GROUND BAR) 1/4" X 4" X 12" CU. BAR ON INSULATED STANDOFFS (TYPICAL FOR ALL TELECOM CLOSETS).
- ALL EMERGENCY FEEDERS SHALL BE RUN IN 2HR FIRE RATED ENCLOSURE.
- CONCRETE ENCASED #8X8 KONTIG IN 4" C + 1-2" E.C. FOR CONTROL.

INCOMING UTILITY SERVICE COORDINATE EXACT REQUIREMENTS WITH UTILITY COMPANY, SEE FLOOR PLANS FOR ADDITIONAL REQUIREMENTS. ALL FEEDERS SHALL BE CONCRETE ENCASED.

CON EDISON SERVICE END BOX.

CONCRETE ENCASED.

UNLESS OTHERWISE NOTED, FOR FEEDER DESCRIPTION SEE PANEL SCHEDULE DRAWINGS. (TYPICAL)

CONCRETE ENCASED.

UNLESS OTHERWISE NOTED, FOR FEEDER DESCRIPTION SEE PANEL SCHEDULE DRAWINGS FOR INSTALLATION.

UNLESS OTHERWISE NOTED, FOR FEEDER DESCRIPTION SEE PANEL SCHEDULE DRAWINGS. (TYPICAL)

UNLESS OTHERWISE NOTED, FOR FEEDER DESCRIPTION SEE PANEL SCHEDULE DRAWINGS. (TYPICAL)

UNLESS OTHERWISE NOTED, FOR FEEDER DESCRIPTION SEE PANEL SCHEDULE DRAWINGS. (TYPICAL)

UNLESS OTHERWISE NOTED, FOR FEEDER DESCRIPTION SEE PANEL SCHEDULE DRAWINGS. (TYPICAL)

DESIGN DEVELOPMENT 05/30/2014
 SCHEMATIC DESIGN 05/14/2014
 REVISIONS / SUBMISSIONS DATE

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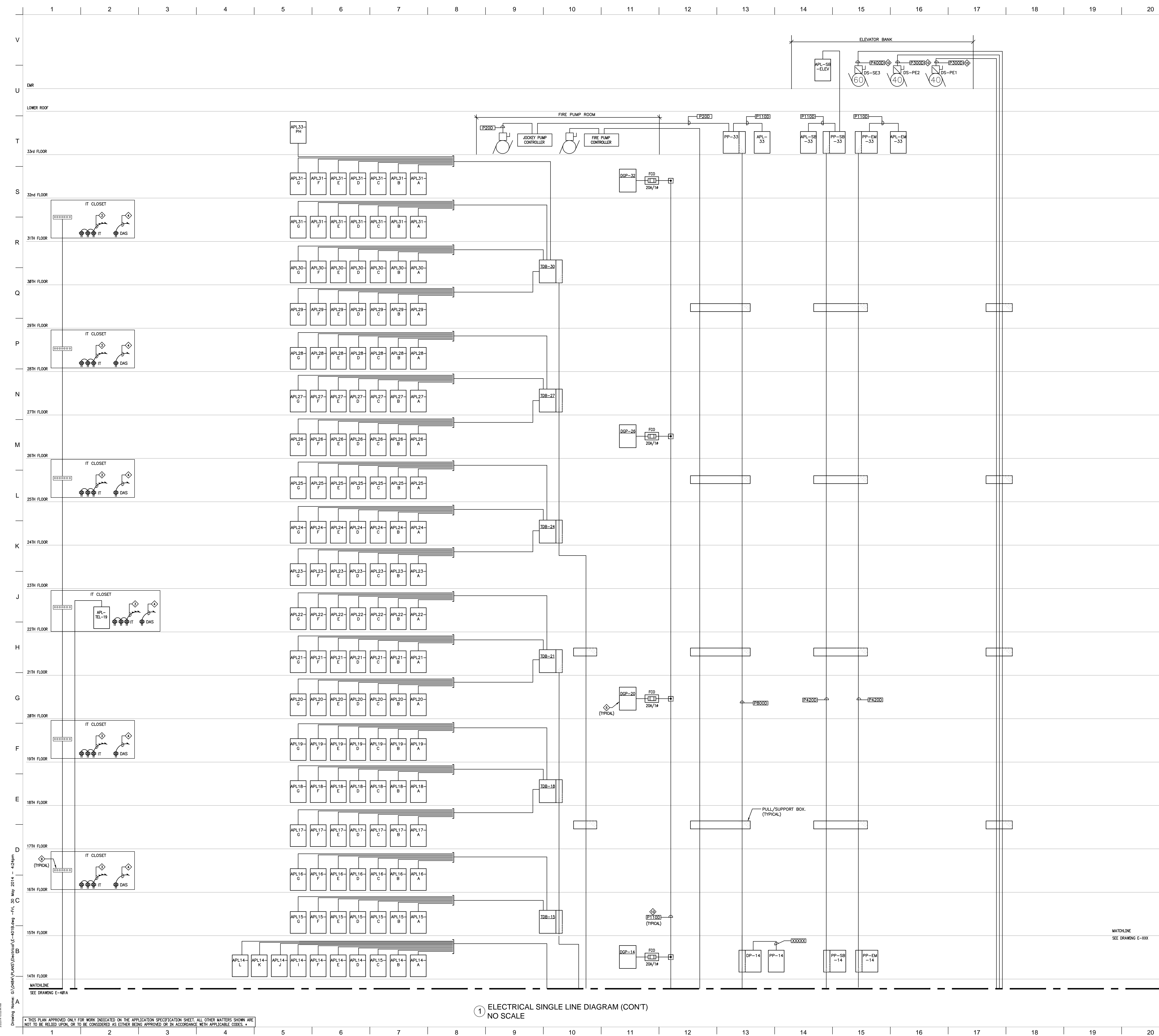
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LIC PURVES STREET DEVELOPMENT
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DRAWING TITLE:
ELECTRICAL SINGLE LINE DIAGRAM
SHEET 1 OF 3

Drawn: MIF Project No: 13072.L00
 Checked: SD Client: E-401A.dwg
 Reviewed: IB Drawing No:
 Date: 05/30/14
 Scale: NO SCALE

E-401A



1 ELECTRICAL SINGLE LINE DIAGRAM (CON'T)
NO SCALE

DESIGN DEVELOPMENT 05/30/2014
SCHEMATIC DESIGN 05/14/2014
NO. REVISIONS / SUBMISSIONS DATE

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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

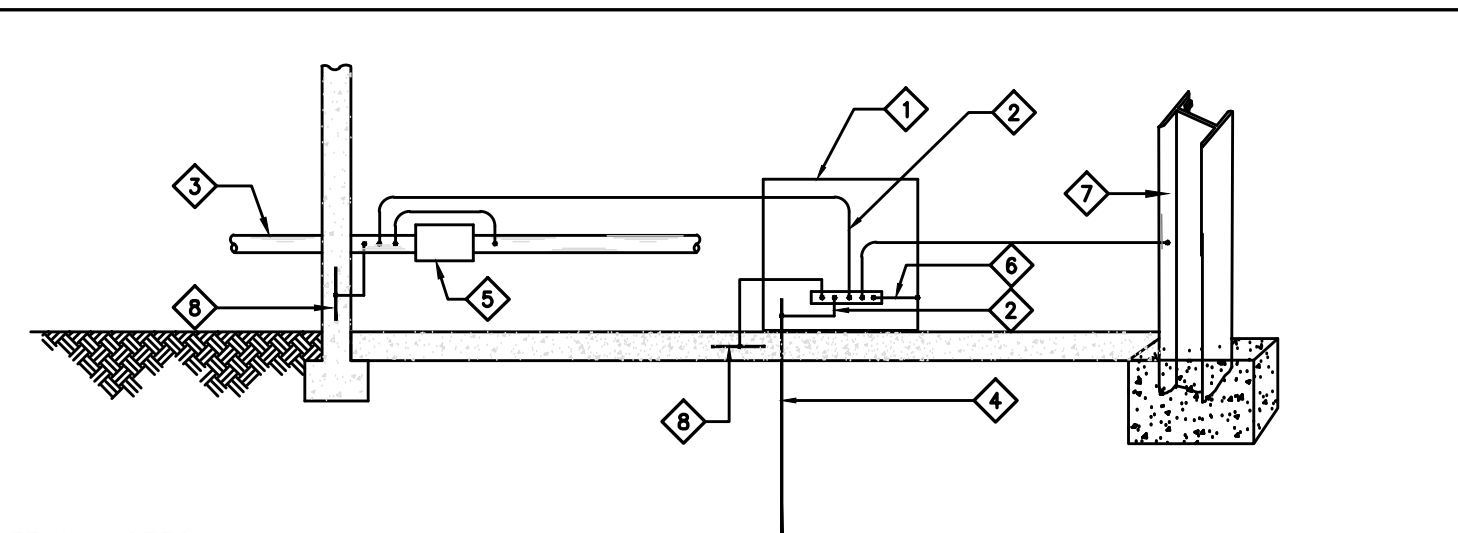
DRAWING TITLE:
ELECTRICAL SINGLE LINE DIAGRAM
SHEET 2 OF 3

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Reviewed:	IB	Drawing No.:	
Date:	05/30/14	Scale:	NO SCALE

E-401B

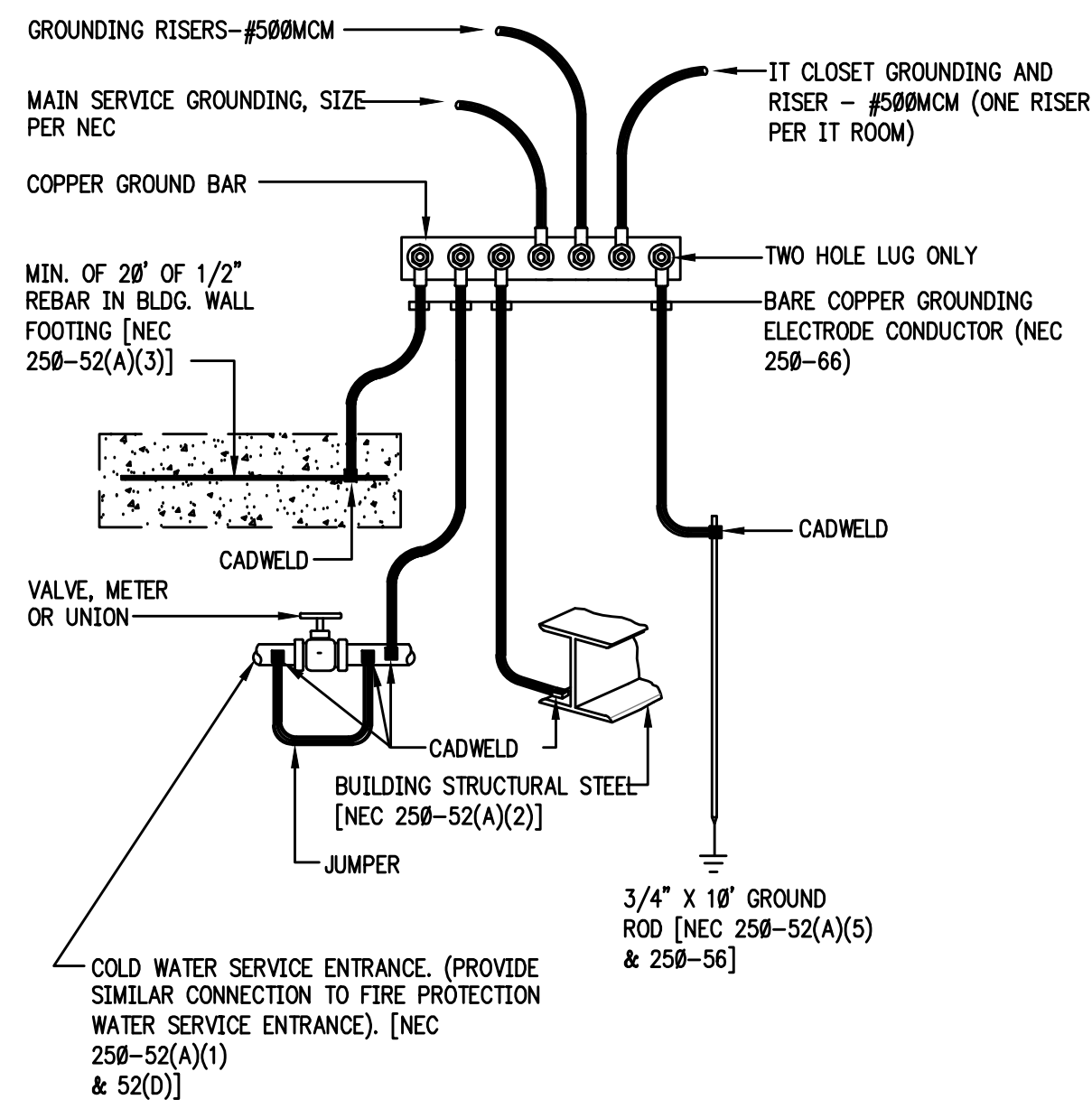
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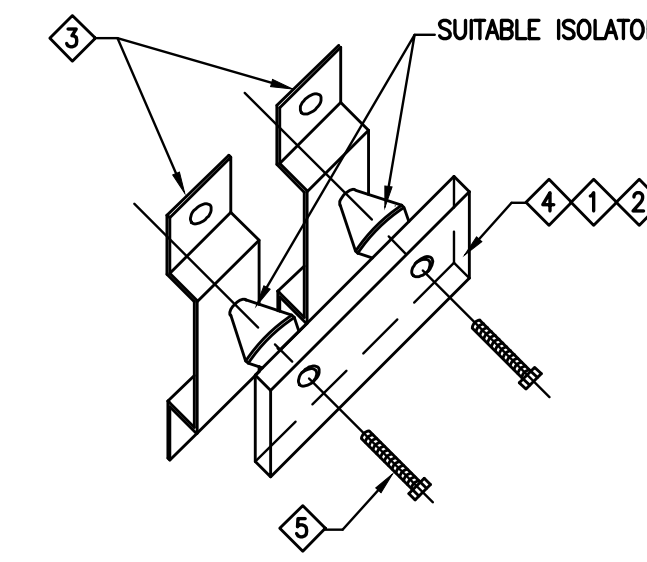
- DETAIL NOTES:**
- ◇ SERVICE EQUIPMENT ENCLOSURE.
 - ◇ GROUNDING ELECTRODE CONDUCTOR SHALL BE COPPER #3/0 AWG, UNLESS REQUIRED OTHERWISE.
 - ◇ METAL UNDERGROUND WATER PIPE (STREET SIDE OF WATER MAIN) IN DIRECT CONTACT WITH THE EARTH SHALL BE MINIMUM OF 10 FEET IN LENGTH TO BE ACCEPTABLE AS A GROUNDING ELECTRODE.
 - ◇ GROUNDING ELECTRODE ROD SHALL NOT BE LESS THAN 8 FEET IN LENGTH AND SHALL CONSIST OF THE FOLLOWING:
 - A. ELECTRODES OF PIPES OR CONDUIT SHALL BE 3/4" MINIMUM DIAMETER AND IF IRON OR STEEL, SHALL HAVE THE OUTER SURFACE GALVANIZED OR OTHERWISE PROTECTED AGAINST CORROSION BY THE APPROVED METHOD.
 - B. ELECTRODES OF IRON OR STEEL SHALL BE MINIMUM 5/8" DIAMETER.
 - C. STAINLESS STEEL, NON-FERROUS ELECTRODES SHALL BE AT LEAST 1/2" IN DIAMETER.
 - ◇ WATER METER WITH JUMPER, TAP BEFORE THE METER SHALL BE WITHIN 5 FEET FROM THE POINT OF WATER PIPE ENTRANCE TO THE BUILDING.
 - ◇ BOND TO NEUTRAL IN SERVICE SWITCH.
 - ◇ STRUCTURAL STEEL MAY BE USED AS GROUNDING AS FOLLOWS:
 - A. MINIMUM OF 10 FEET OF SINGLE STRUCTURAL METAL MEMBER IS IN DIRECT CONTACT WITH THE EARTH OR INCASED IN CONCRETE THAT IS IN DIRECT CONTACT WITH EARTH.
 - B. STRUCTURAL METAL FRAME IS BONDED TO ONE OR MORE GROUNDING ELECTRODES AS DEFINED BY APPLICABLE NEC SECTION.
 - ◇ GROUNDING (UPPER) ELECTRODE SHALL BE ELECTRICALLY CONDUCTIVE STEEL REINFORCING BARS NOT SMALLER THAN 1 1/2" IN DIAMETER OR 4AWG COPPER CONDUCTOR AND COMPLY WITH ALL OF THE FOLLOWING:
 - A. TOTAL CONDUCTIVE LENGTH OF 20 FEET MINIMUM. THE LENGTH IS NOT REQUIRED TO BE CONTINUOUS AND COULD CONSISTS OF MULTIPLE TIED TOGETHER RE-BAR SECTIONS TO CREATE 20 FEET OF CONCRETE ENCASED GROUNDING ELECTRODE.
 - B. ENCASED IN MINIMUM OF 2" CONCRETE.
 - C. LOCATED NEAR THE BOTTOM OF FOUNDATION OR FOOTER THAT IS IN DIRECT CONTACT WITH EARTH.
 - ◇ ALL CONNECTIONS SHALL BE EXOTHERMIC WELD TYPE OR IRREVERSIBLE COMPRESSION TYPE.

GROUNDING DETAIL
NOT TO SCALE



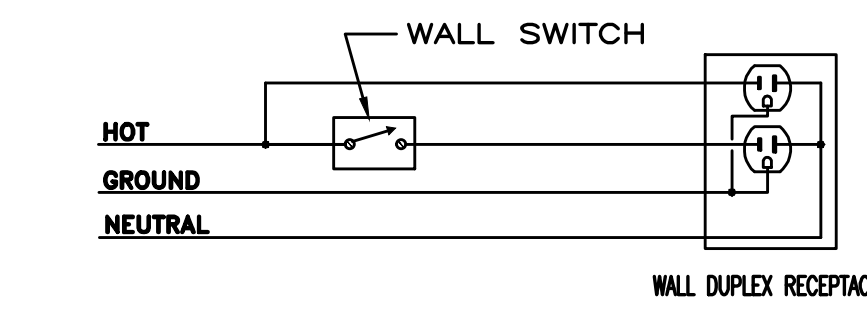
- NOTES:**
1. ALL GROUNDING SHALL BE INSTALLED PER NEC, ARTICLE 250.
 2. ALL CONDUCTOR CABLES SHALL BE MIN. #5/8" CU, U.O.N.

GROUNDING ELECTRODE SYSTEM
NOT TO SCALE



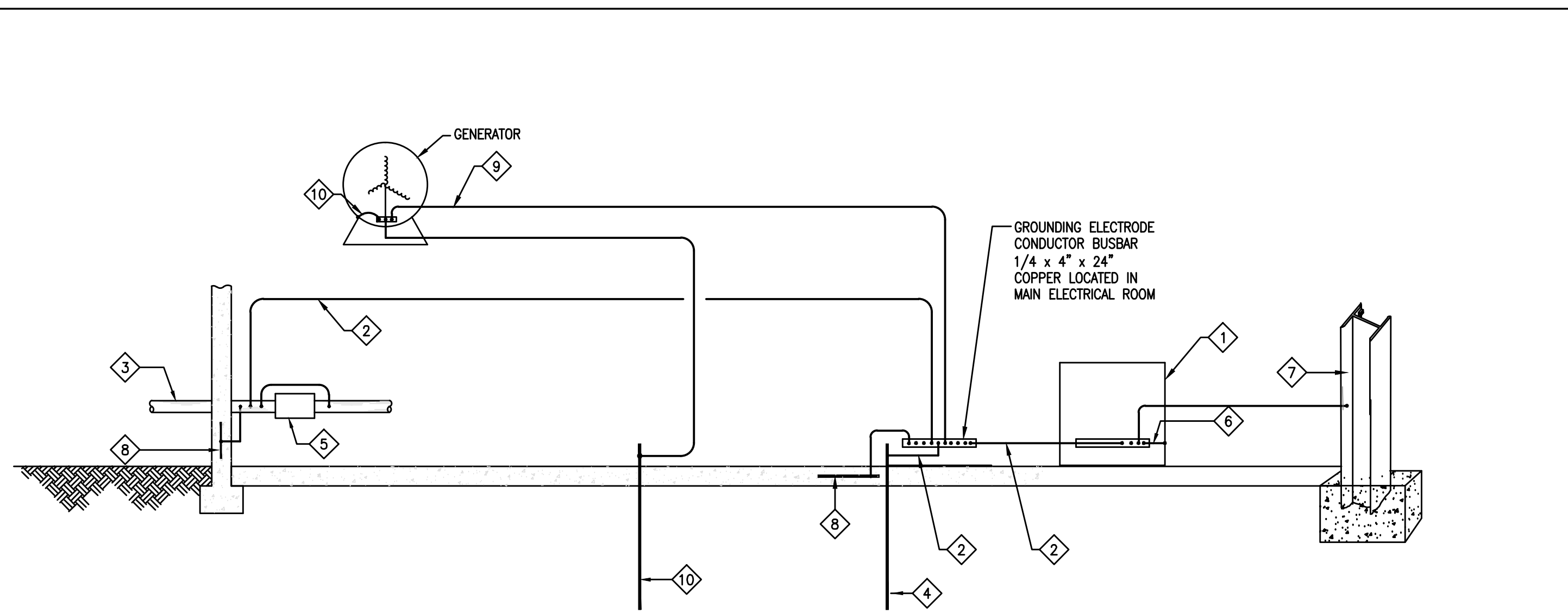
- NOTES:**
- ◇ DRILL AND TAP AS REQUIRED FOR GROUNDING CONNECTIONS.
 - ◇ CONNECT TO GROUND BUS IN NEAREST PANEL WITH A #1/0, GREEN INSULATED GROUNDING WIRE IN 1" CONDUIT.
 - ◇ WALL MOUNTED BRACKETS (1/8" STAINLESS STEEL).
 - ◇ COPPER GROUND 1/4"x4"x12".
 - ◇ 1/2" TREADED BOLT (TYPICAL/BOTH SIDES OF ISOLATORS).

COPPER GROUND BAR DETAIL
NOT TO SCALE



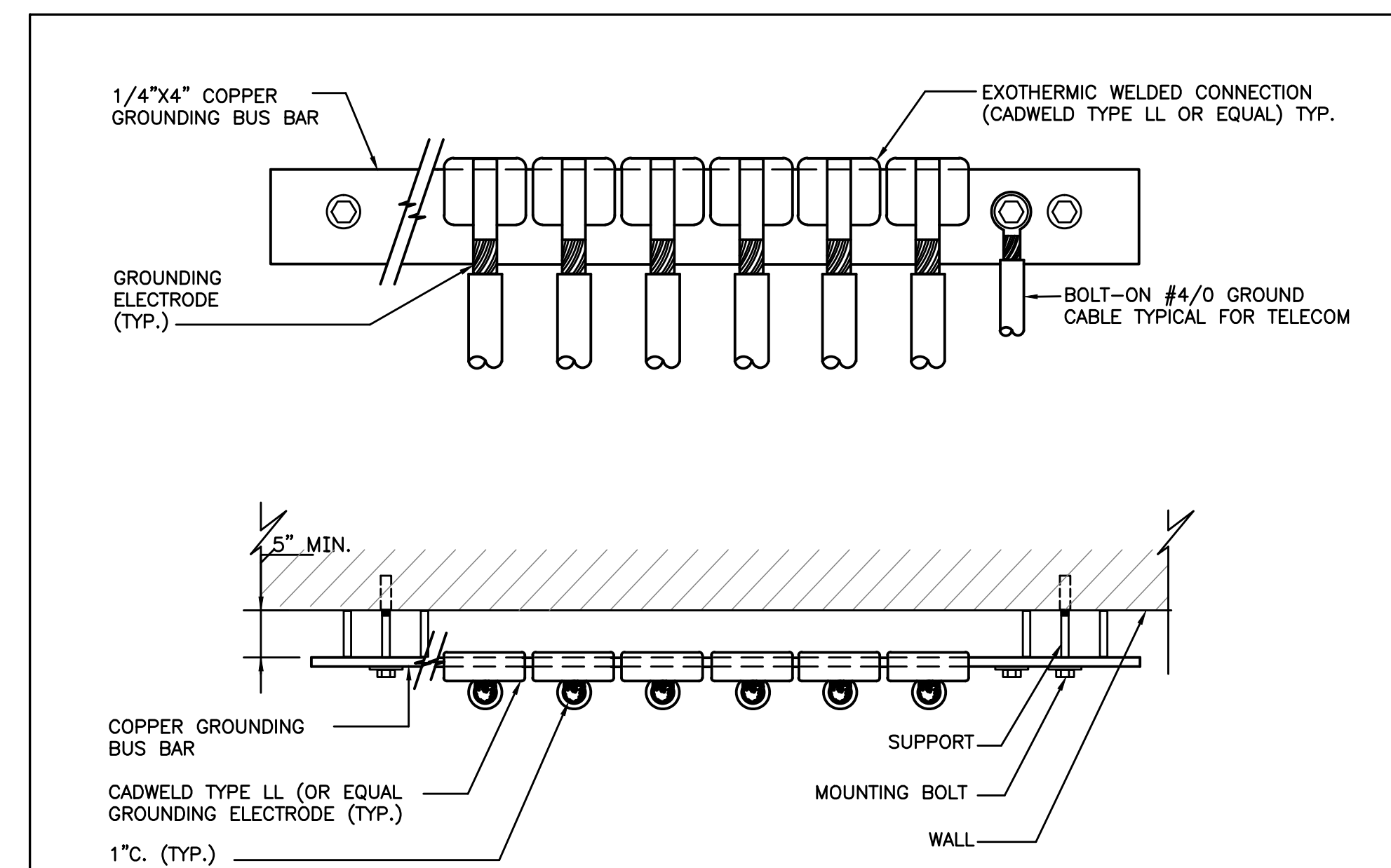
**TYPICAL DUPLEX RECEPTACLE
OUTLET CONTROLLED BY WALL SWITCH**
NOT TO SCALE

- NOTES:**
1. IN EVERY DWELLING UNIT, PROVIDE ONE SWITCH AND ONE CONTROLLED DUPLEX OUTLET IN EACH HABITABLE SPACE THAT IS NOT PROVIDED WITH LIGHTING FIXTURE(S).
 2. COORDINATE EXACT LOCATIONS OF SWITCHES AND ASSOCIATED DUPLEX OUTLETS WITH ARCHITECT AND/OR OWNER.

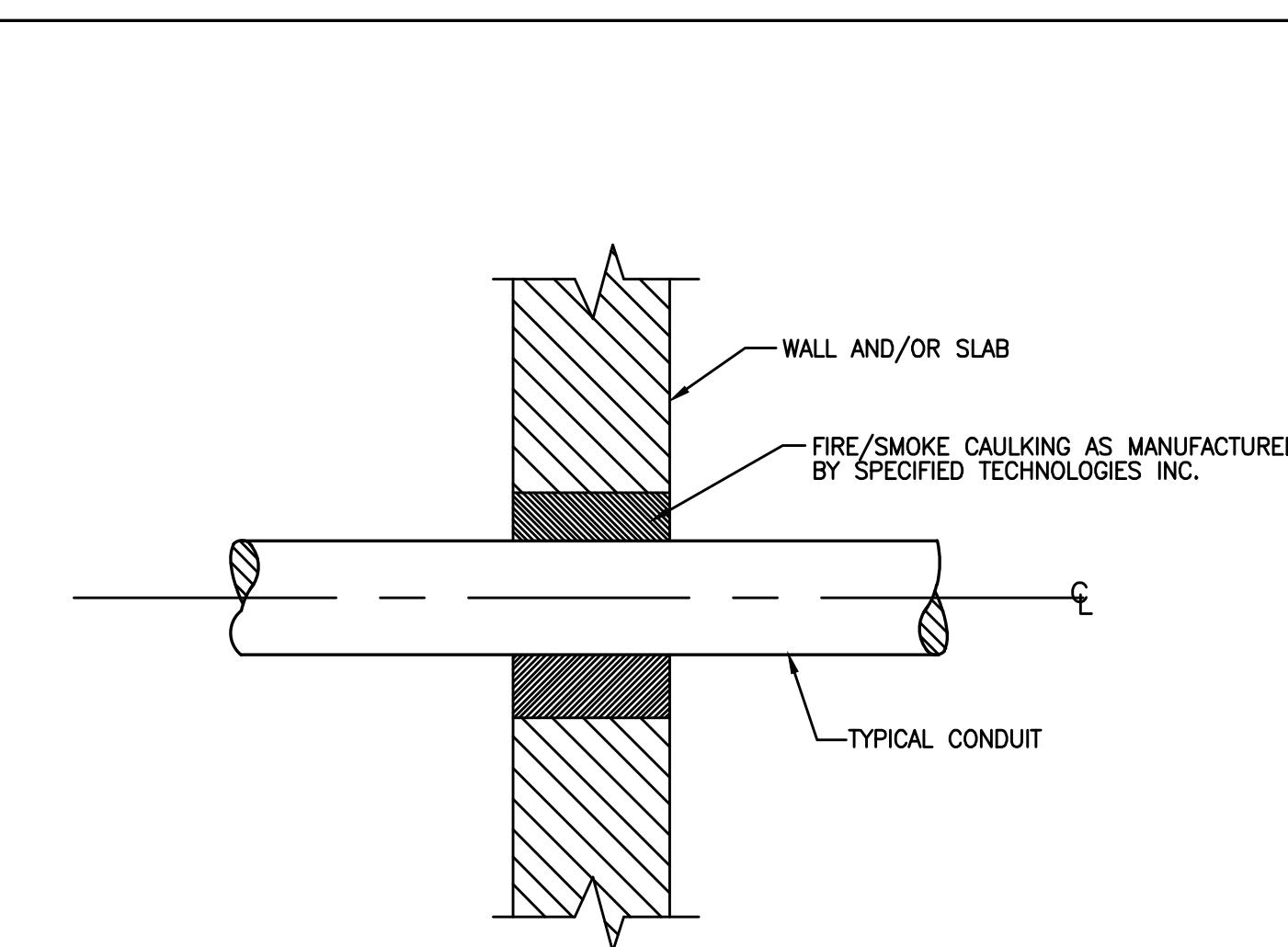


- DETAIL NOTES:**
- ◇ SERVICE EQUIPMENT ENCLOSURE.
 - ◇ GROUNDING ELECTRODE CONDUCTOR SHALL BE COPPER #3/0 AWG, UNLESS REQUIRED OTHERWISE.
 - ◇ METAL UNDERGROUND WATER PIPE (STREET SIDE OF WATER MAIN) IN DIRECT CONTACT WITH THE EARTH SHALL BE MINIMUM OF 10 FEET IN LENGTH TO BE ACCEPTABLE AS A GROUNDING ELECTRODE.
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 - A. ELECTRODES OF PIPES OR CONDUIT SHALL BE 3/4" MINIMUM DIAMETER AND IF IRON OR STEEL, SHALL HAVE THE OUTER SURFACE GALVANIZED OR OTHERWISE PROTECTED AGAINST CORROSION BY THE APPROVED METHOD.
 - B. ELECTRODES OF IRON OR STEEL SHALL BE MINIMUM 5/8" DIAMETER, COPPER CLAD.
 - C. STAINLESS STEEL, NON-FERROUS ELECTRODES SHALL BE AT LEAST 1/2" IN DIAMETER.
 - ◇ WATER METER WITH JUMPER, TAP BEFORE THE METER SHALL BE WITHIN 5 FEET FROM THE POINT OF WATER PIPE ENTRANCE TO THE BUILDING.
 - ◇ BONDING JUMPER, SIZED PER NEC ARTICLE 250.66.
 - ◇ STRUCTURAL STEEL MAY BE USED AS GROUNDING AS FOLLOWS:
 - A. MINIMUM OF 10 FEET OF SINGLE STRUCTURAL METAL MEMBER IS IN DIRECT CONTACT WITH THE EARTH OR INCASED IN CONCRETE THAT IS IN DIRECT CONTACT WITH EARTH.
 - B. STRUCTURAL METAL FRAME IS BONDED TO ONE OR MORE GROUNDING ELECTRODES AS DEFINED BY APPLICABLE NEC SECTION.
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 - A. TOTAL CONDUCTIVE LENGTH OF 20 FEET MINIMUM. THE LENGTH IS NOT REQUIRED TO BE CONTINUOUS AND COULD CONSISTS OF MULTIPLE TIED TOGETHER RE-BAR SECTIONS TO CREATE 20 FEET OF CONCRETE ENCASED GROUNDING ELECTRODE.
 - B. ENCASED IN MINIMUM OF 2" CONCRETE.
 - C. LOCATED NEAR THE BOTTOM OF FOUNDATION OR FOOTER THAT IS IN DIRECT CONTACT WITH EARTH.
 - ◇ GROUNDING ELECTRODE CONDUCTOR FOR SEPARATELY DERIVED SYSTEM, SIZED PER NEC ARTICLE 250.66 BASED ON DERIVED PHASE CONDUCTOR SIZE.
 - ◇ SUPPLEMENTAL GROUNDING ELECTRODE.

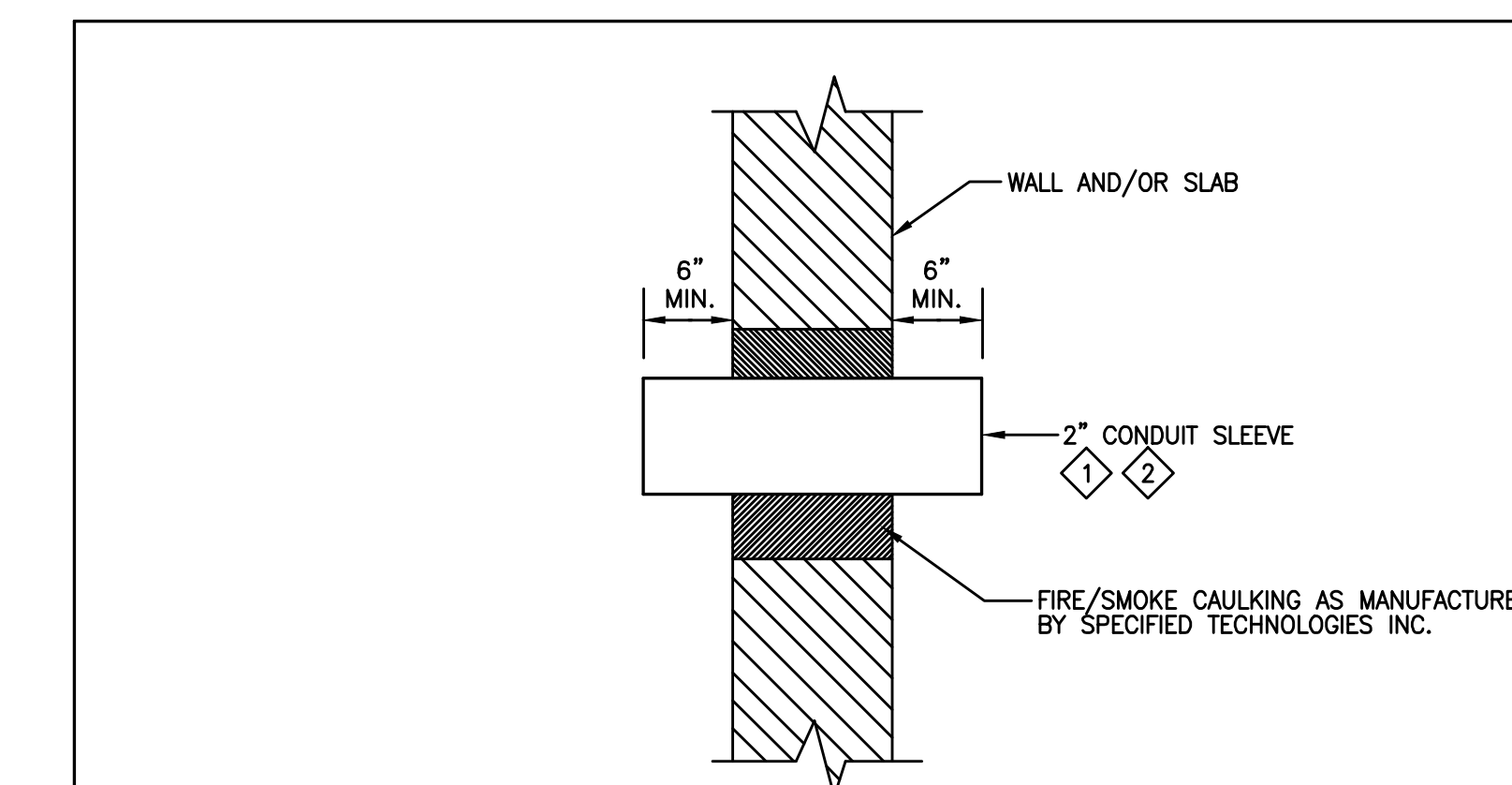
GROUNDING DETAIL



MAIN GROUNDING BUS BAR MOUNTING DETAIL



**CONDUIT SLEEVE THRU RATED AND UNRATED
WALL DETAIL**



**LOW VOLTAGE CONDUIT SLEEVE THRU RATED AND UNRATED
WALL DETAIL**

- NOTES:**
- ◇ PROVIDE A MINIMUM OF 2 SLEEVES FOR EACH ROOM.
 - ◇ FILL SLEEVE WITH FIRE/SMOKE STOP PACKING WHERE PENETRATING FIRE OR SMOKE RATED WALL AND/OR SLAB.

DESIGN DEVELOPMENT	05/30/2014
SCHEMATIC DESIGN	03/14/2014
REVISIONS / SUBMISSIONS	DATE

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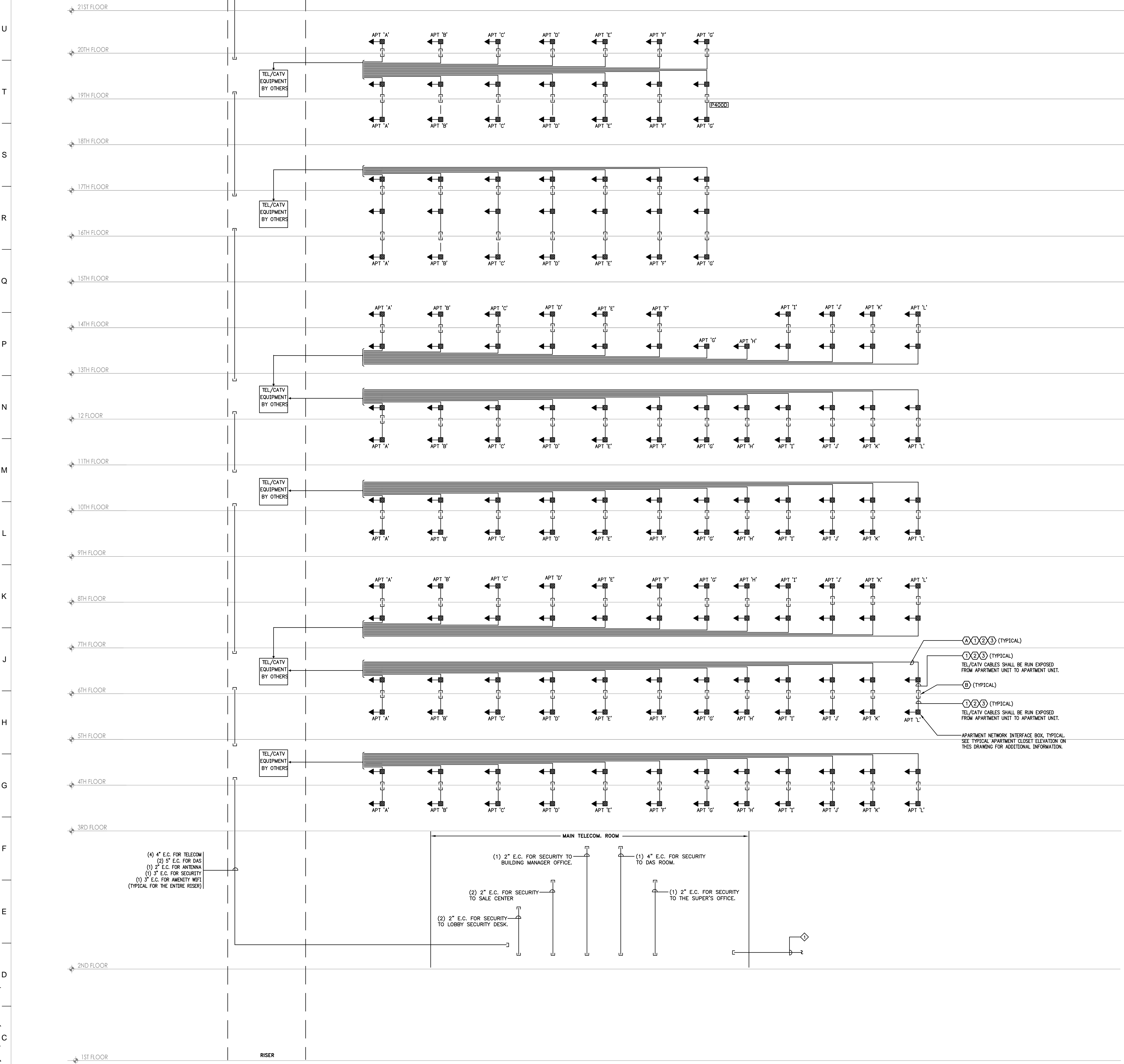
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DRAWING TITLE:
ELECTRICAL DETAILS

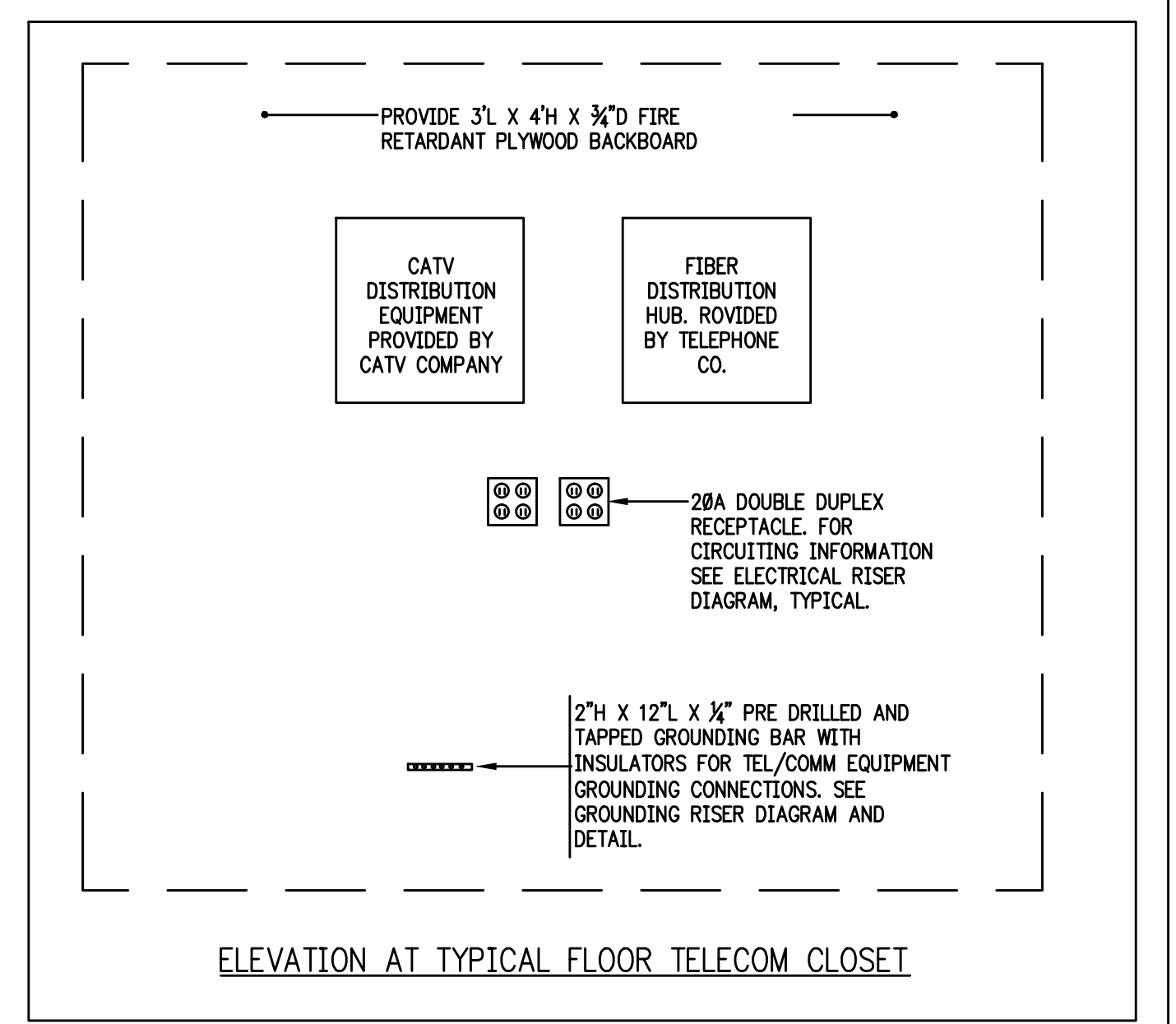
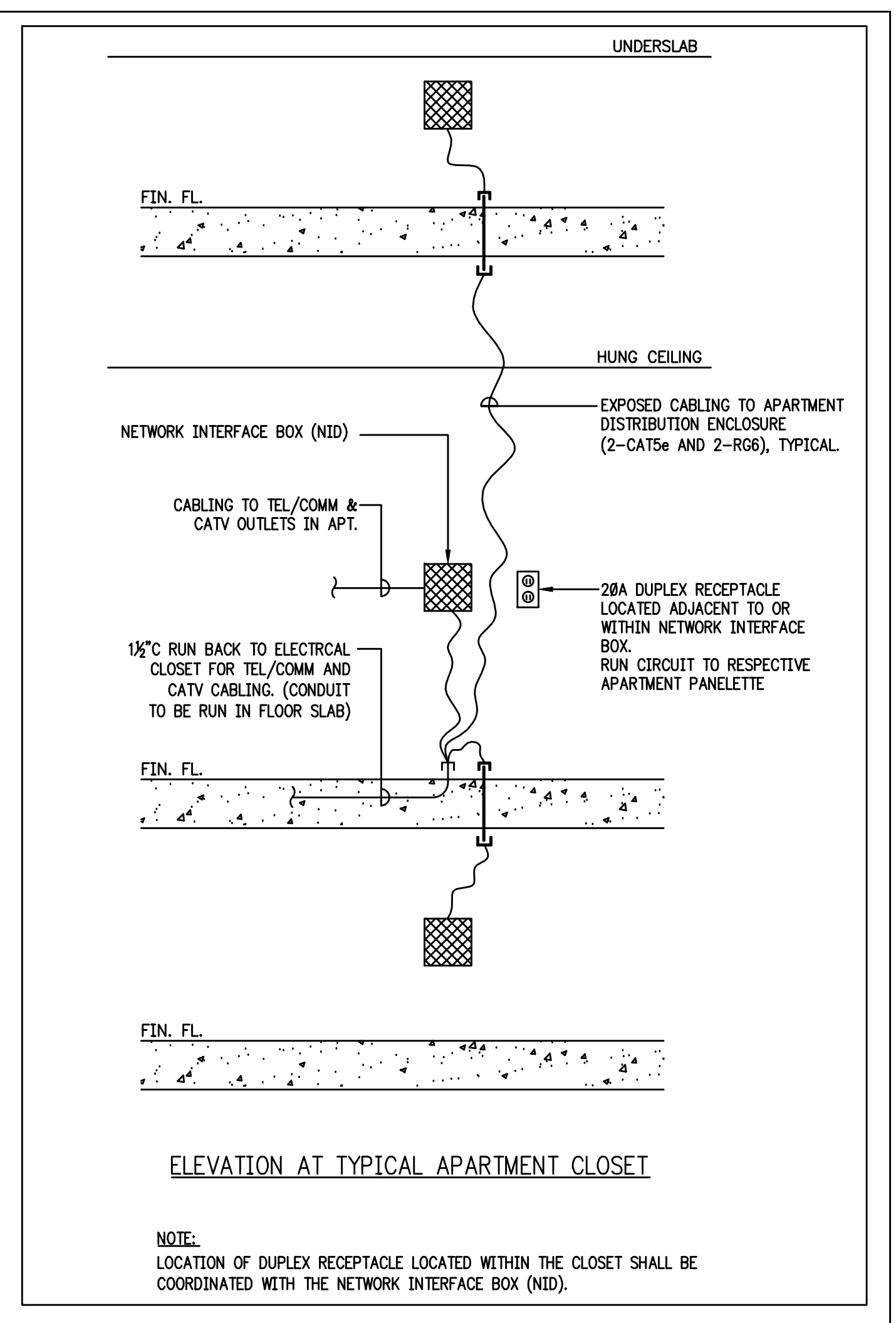
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Checked:	SD	Client No.:	E-601.dwg
Reviewed:	IB	Drawing No.:	
Date:	05/30/14	Scale:	NO SCALE

E-601

SEE DRAWING E-801B
MATCHLINE



TELECOMM RISER DIAGRAM
NO SCALE



CONDUIT SCHEDULE

ID	APPLICATION	FROM	ROUTE	TO	QUANTITY AND SIZE	REMARKS
①	CONDUIT-TIE	APARTMENT	FLOOR	FLOOR TEL/CATV EQUIPMENT	(1) 1 1/2" EMT	ALL APARTMENT HORIZONTAL CABLING SHALL BE PULL THROUGH THE SAME CONDUIT
②	CONDUIT-TIE	APARTMENT	APARTMENT	APARTMENT	(1) 1 1/2" SLEEVE	

CABLE SCHEDULE

ID	APPLICATION	FROM	ROUTE	TO	CABLE QTY. AND TYPE	SPECIFICATION	NOTES BELOW
①	VOICE-HORIZ.	APARTMENT	FLOOR TEL/CATV EQUIPMENT	FLOOR TEL/CATV EQUIPMENT	(1) CAT 6	4-PR CAT 6E UTP	#1, #2
②	DATA-HORIZ.	APARTMENT	FLOOR TEL/CATV EQUIPMENT	FLOOR TEL/CATV EQUIPMENT	(1) CAT 6	4-PR CAT 6E UTP	#1
③	CATV-HORIZ.	APARTMENT	FLOOR TEL/CATV EQUIPMENT	FLOOR TEL/CATV EQUIPMENT	(2) RG6 COAX	RG6 QUADSHIELD COAX	#1

- NOTES:
- HORIZONTAL APARTMENT CABLE TIES HOME RUN TO TEL/CATV EQUIPMENT SERVING THAT PARTICULAR FLOOR.
 - ONE PAIR WITHIN THE VOICE APARTMENT CABLE TIE INSTALLED BY THE TELECOM CONTRACTOR SHALL BE RESERVED FOR INTERCOM SYSTEM.

- NOTES:
- FOR ADDITIONAL RISER NOTES SEE DRAWING E-801B.
 - REFER TO SECURITY DRAWINGS AND RISER DIAGRAMS FOR SECURITY SYSTEM CONDUIT REQUIREMENTS.
 - CONTRACTOR SHALL COORDINATE ALL CONDUIT PATHWAY AND STUB-UP WITH BUILDING OWNER PRIOR TO INSTALLATION.
 - COORDINATE ALL SECURITY WORK WITH SECURITY DRAWINGS.

- REFERENCE NOTES:
- (4) 4" E.C. FOR INCOMING SERVICE SHALL RUN FROM THE MAIN TELECOM ROOM TO BUILDING PROPERTY LINE. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF CONDUITS WITH BUILDING OWNER PRIOR TO INSTALLATION.

DESIGN DEVELOPMENT 05/30/2014
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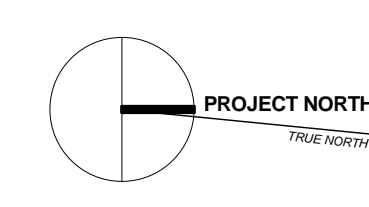
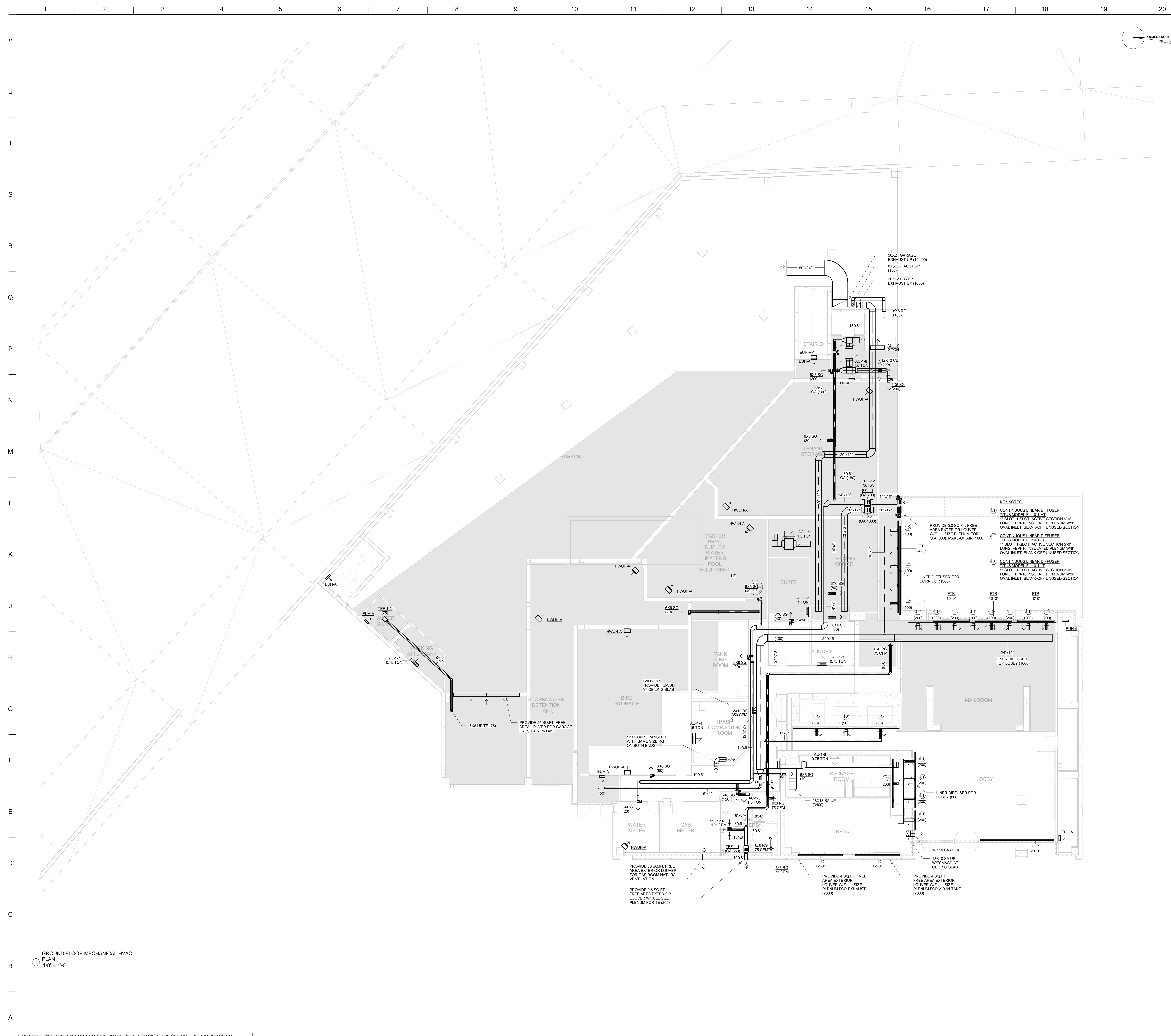
DRAWING TITLE:
**TELECOMM RISER DIAGRAM
SHEET 1 OF 2**

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Reviewed: IB
Date: 05/30/14
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E-801A

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- KEY NOTES:**
- (L1) CONTINUOUS LINEAR DIFFUSER
TITUS MODEL EL-10-LIT
1" SLOT - 1-SLOT ACTIVE SECTION 5'-0"
LONG, FBP-10 INSULATED PLENUM W/8"
OVAL INLET, BLANK-OFF UNUSED SECTION.
 - (L2) CONTINUOUS LINEAR DIFFUSER
TITUS MODEL EL-10-LIT
1" SLOT - 1-SLOT ACTIVE SECTION 5'-0"
LONG, FBP-10 INSULATED PLENUM W/8"
OVAL INLET, BLANK-OFF UNUSED SECTION.
 - (L3) CONTINUOUS LINEAR DIFFUSER
TITUS MODEL EL-10-LIT
1" SLOT - 1-SLOT ACTIVE SECTION 2'-0"
LONG, FBP-10 INSULATED PLENUM W/8"
OVAL INLET, BLANK-OFF UNUSED SECTION.

GROUND FLOOR MECHANICAL HVAC
PLAN
1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

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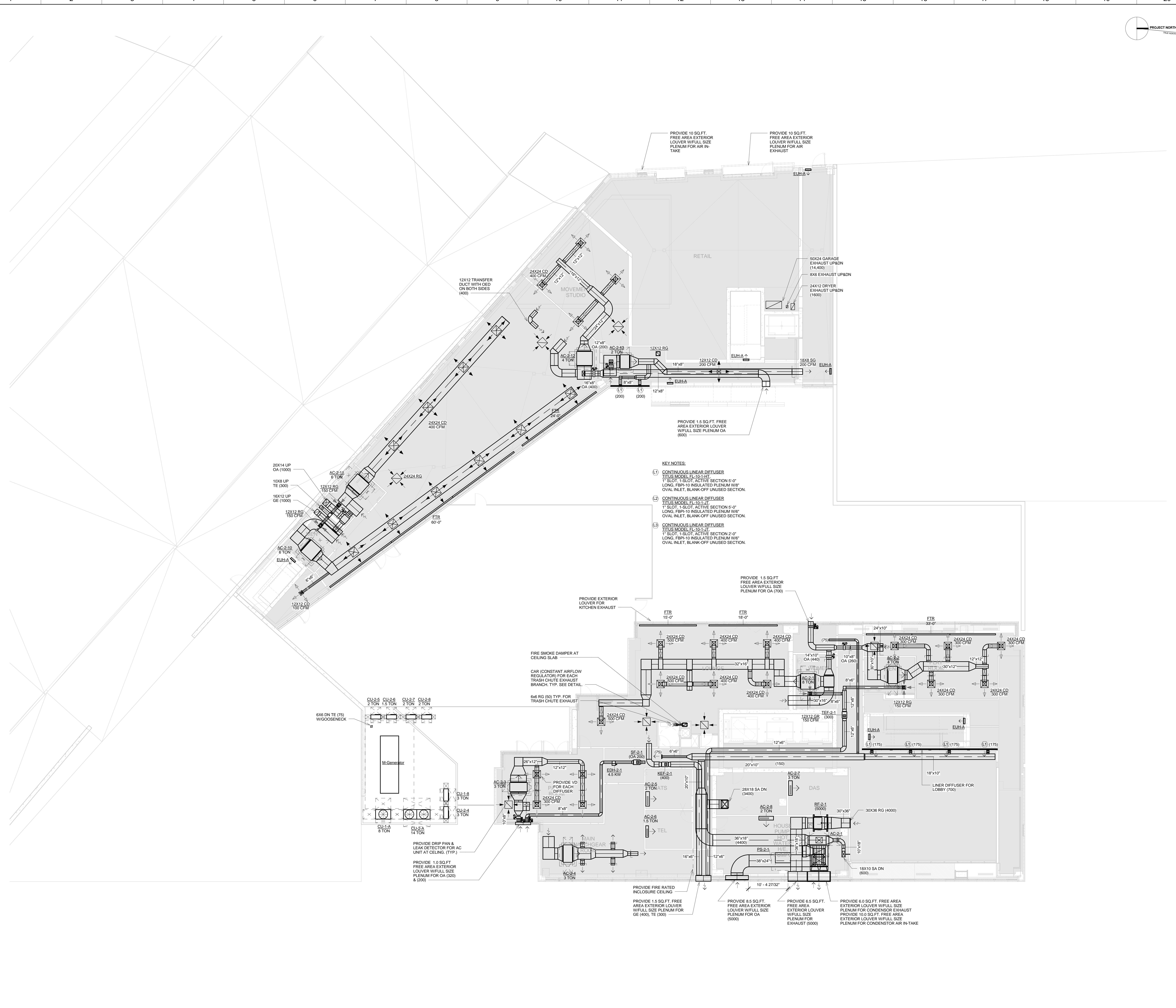
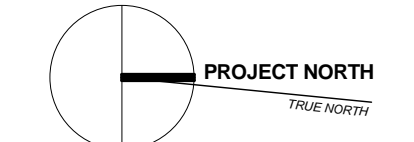
LIC PURVES STREET DEVELOPMENT

44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
GROUND FLOOR MECHANICAL HVAC PLAN

Author	Author	Project No.
SD	SD	13072.L00
IB	IB	13072.L00
05/30/14	05/30/14	13072.L00
1/8" = 1'-0"	1/8" = 1'-0"	13072.L00

M-201



- KEY NOTES:**
- (L1) CONTINUOUS LINEAR DIFFUSER
TITUS MODEL FL-10-11F
1" SLOT, 1-SLOT, ACTIVE SECTION 5'-0"
LONG, FIBR-10 INSULATED PLENUM W/8"
OVAL INLET, BLANK-OFF UNUSED SECTION.
 - (L2) CONTINUOUS LINEAR DIFFUSER
TITUS MODEL FL-10-11F
1" SLOT, 1-SLOT, ACTIVE SECTION 5'-0"
LONG, FIBR-10 INSULATED PLENUM W/8"
OVAL INLET, BLANK-OFF UNUSED SECTION.
 - (L3) CONTINUOUS LINEAR DIFFUSER
TITUS MODEL FL-10-11F
1" SLOT, 1-SLOT, ACTIVE SECTION 2'-0"
LONG, FIBR-10 INSULATED PLENUM W/8"
OVAL INLET, BLANK-OFF UNUSED SECTION.

① 2ND FLOOR MECHANICAL HVAC PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT 05/30/2014

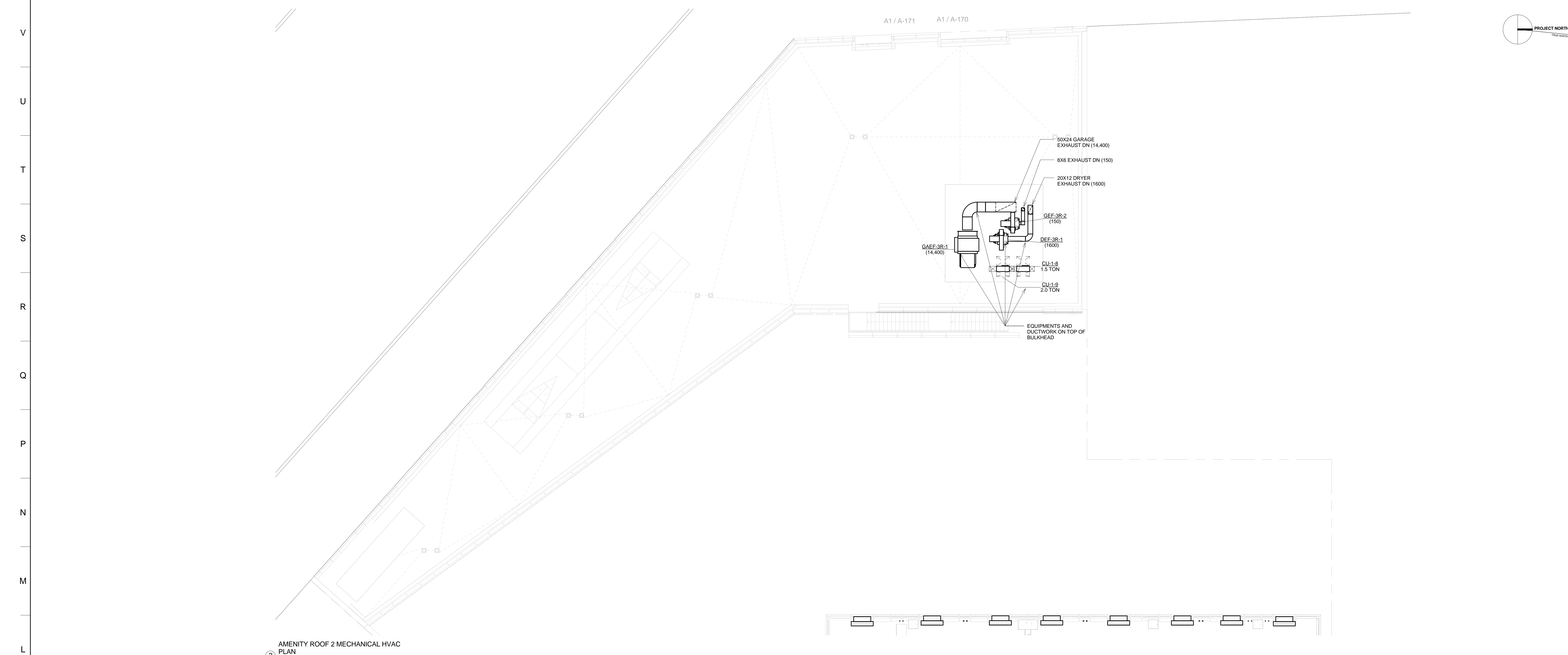
NO.	REVISIONS / SUBMISSIONS	DATE

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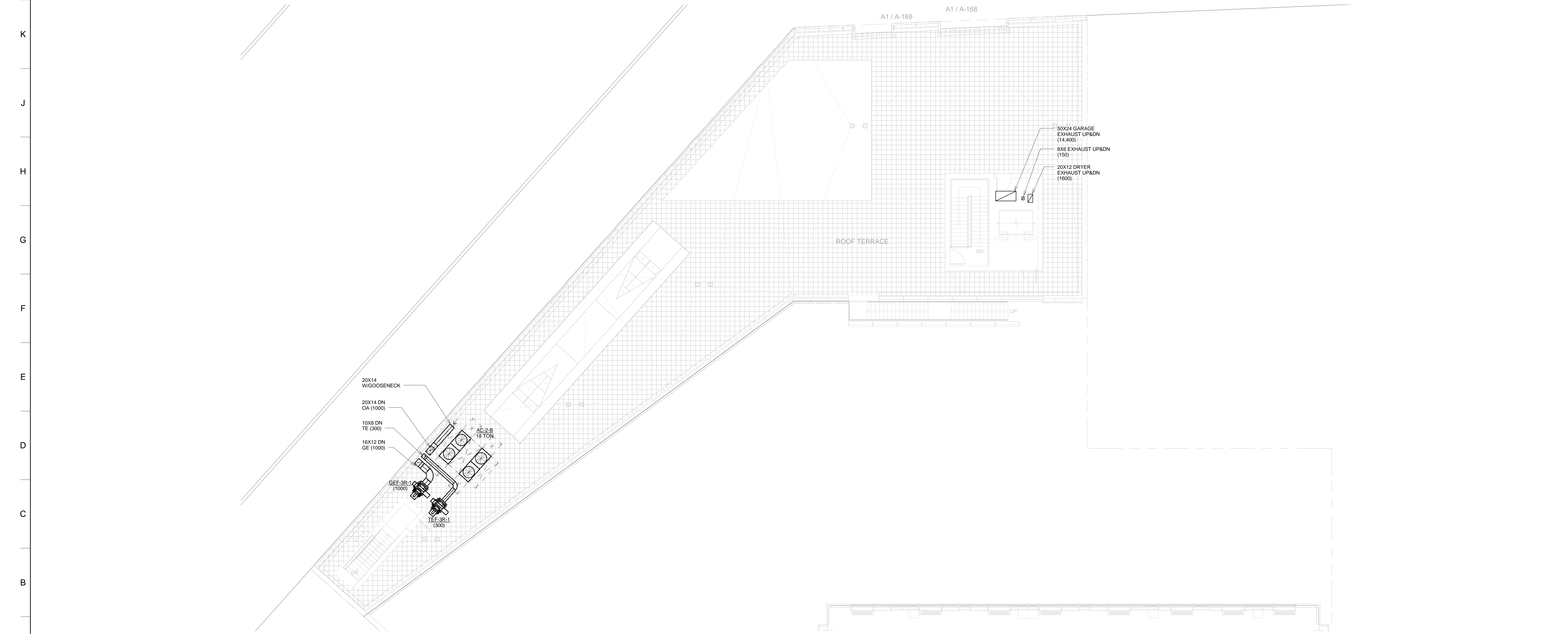
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44-30 PURVES STREET, QUEENS, NY
DRAWING TITLE:
2ND FLOOR MECHANICAL HVAC PLAN

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Checked:	SD	Client File:	
Reviewed:	IB	Drawing No.:	
Date:	05/30/14	Scale:	1/8" = 1'-0"

M-202



2 AMENITY ROOF 2 MECHANICAL HVAC PLAN
1/8" = 1'-0"



1 AMENITY ROOF 1 MECHANICAL HVAC PLAN
1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

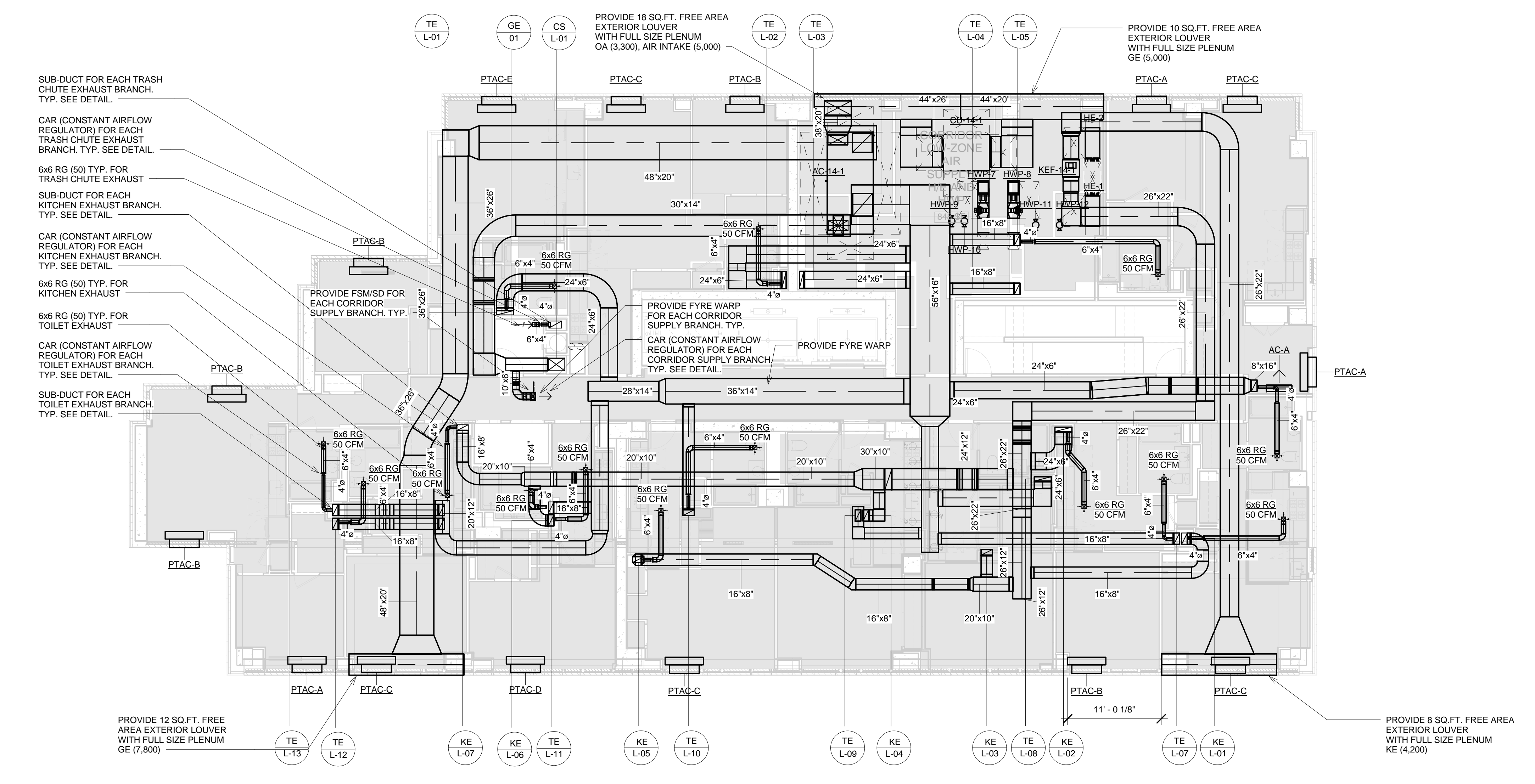
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VAN DEUSEN & ASSOCIATES
5 Ridgely Street, Livingston, NJ 07039 973.954.9220

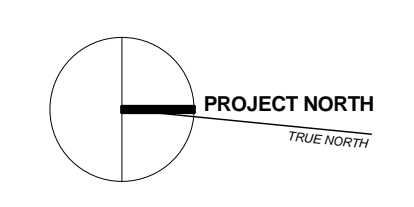
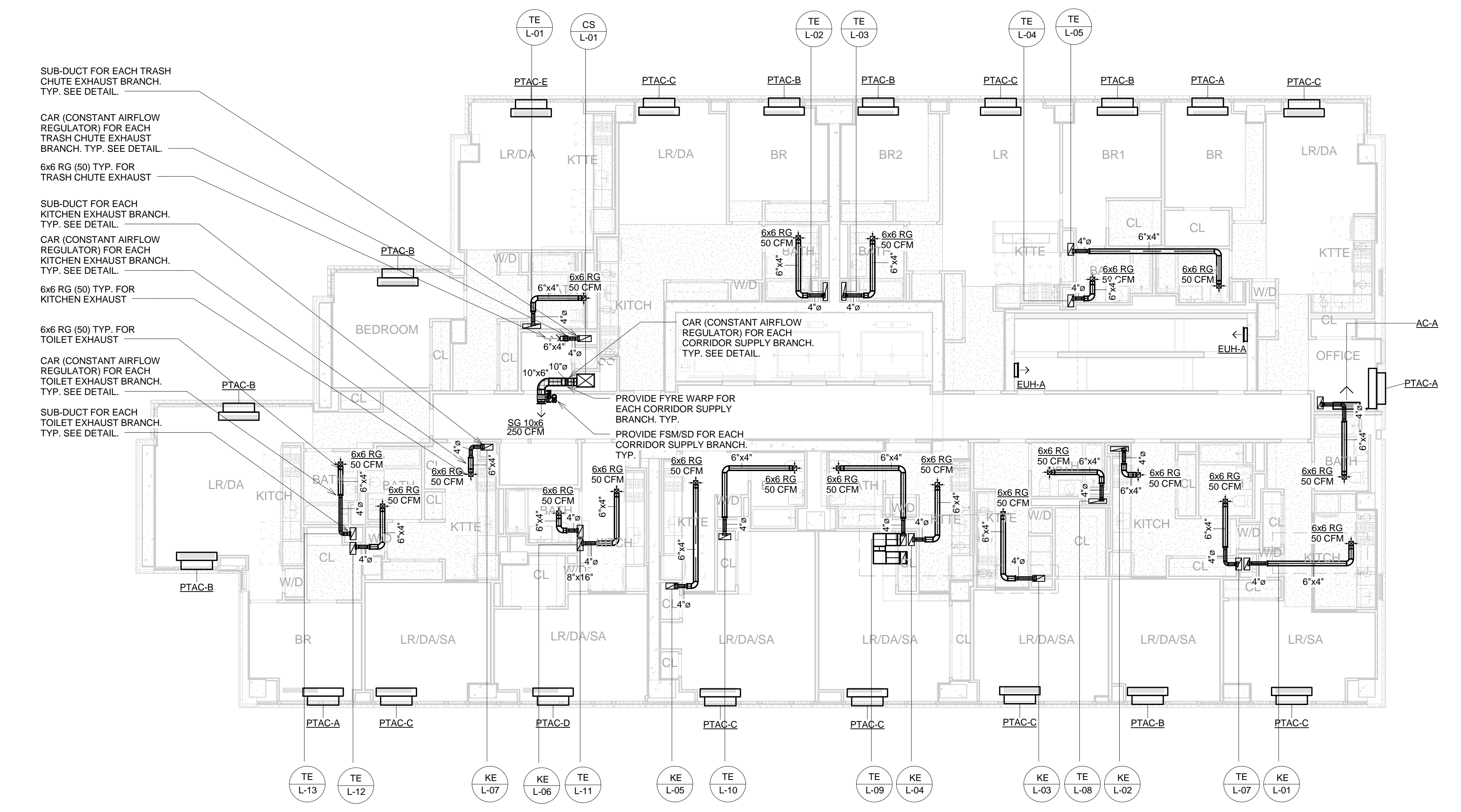
LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY
DRAWING TITLE:
AMENITY BUILDING ROOF MECHANICAL HVAC PLANS

Drawn:	Project No.:
SK	1307Z.L00
Checked:	Coord. File:
SD	
Reviewed:	Drawing No.:
IB	M-203
Date:	Scale:
05/30/14	1/8" = 1'-0"

② 14TH FLOOR MECHANICAL HVAC PLAN
1/8" = 1'-0"



① 3RD - 13TH FLOOR MECHANICAL HVAC PLAN
1/8" = 1'-0"



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5 Ridgely Street, Livingston, NJ 07039 973.954.9220

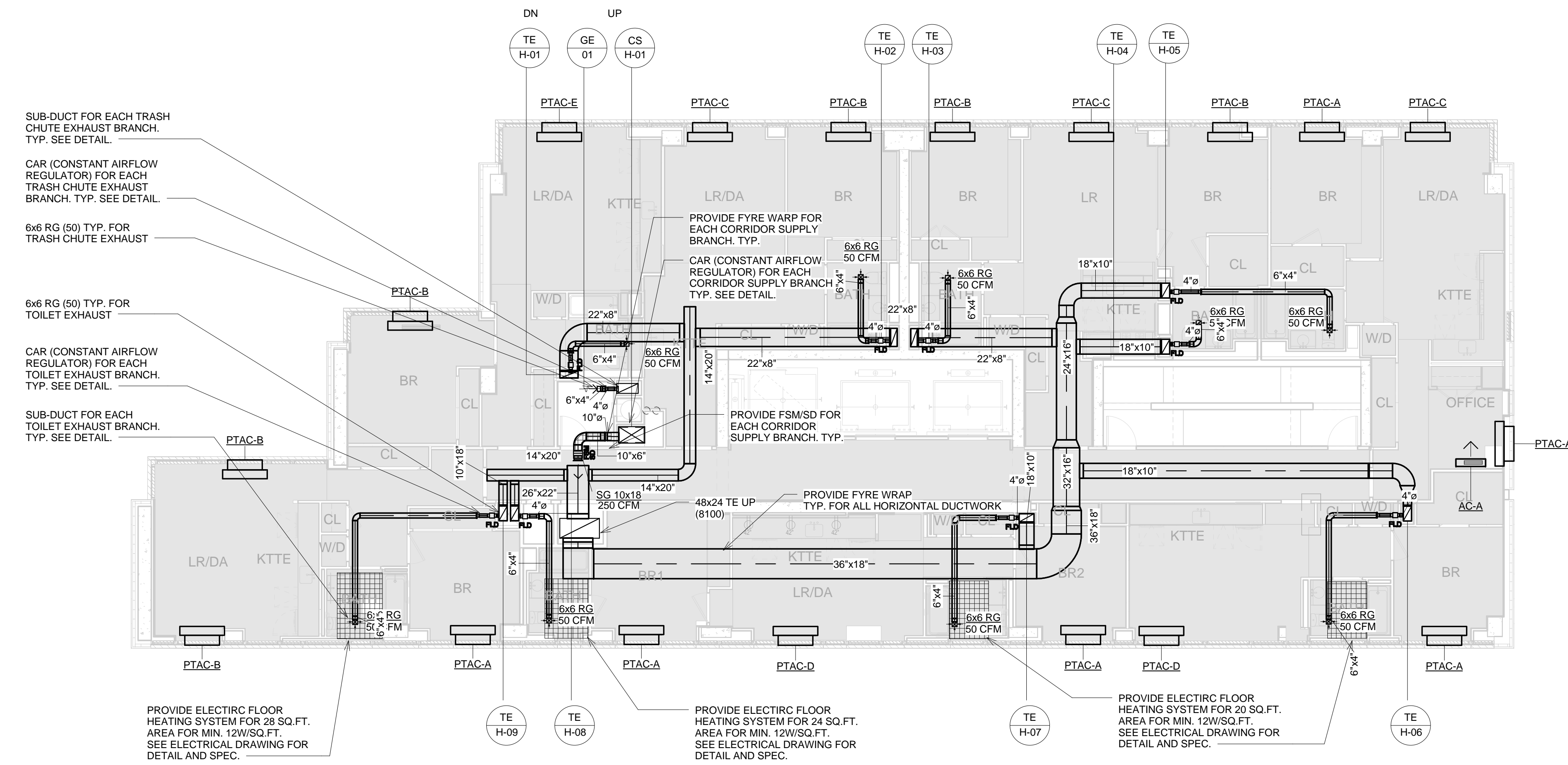
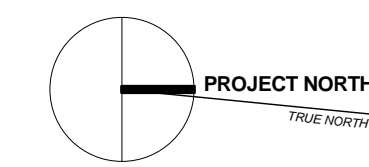
LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
3RD - 14TH FLOOR MECHANICAL HVAC PLANS

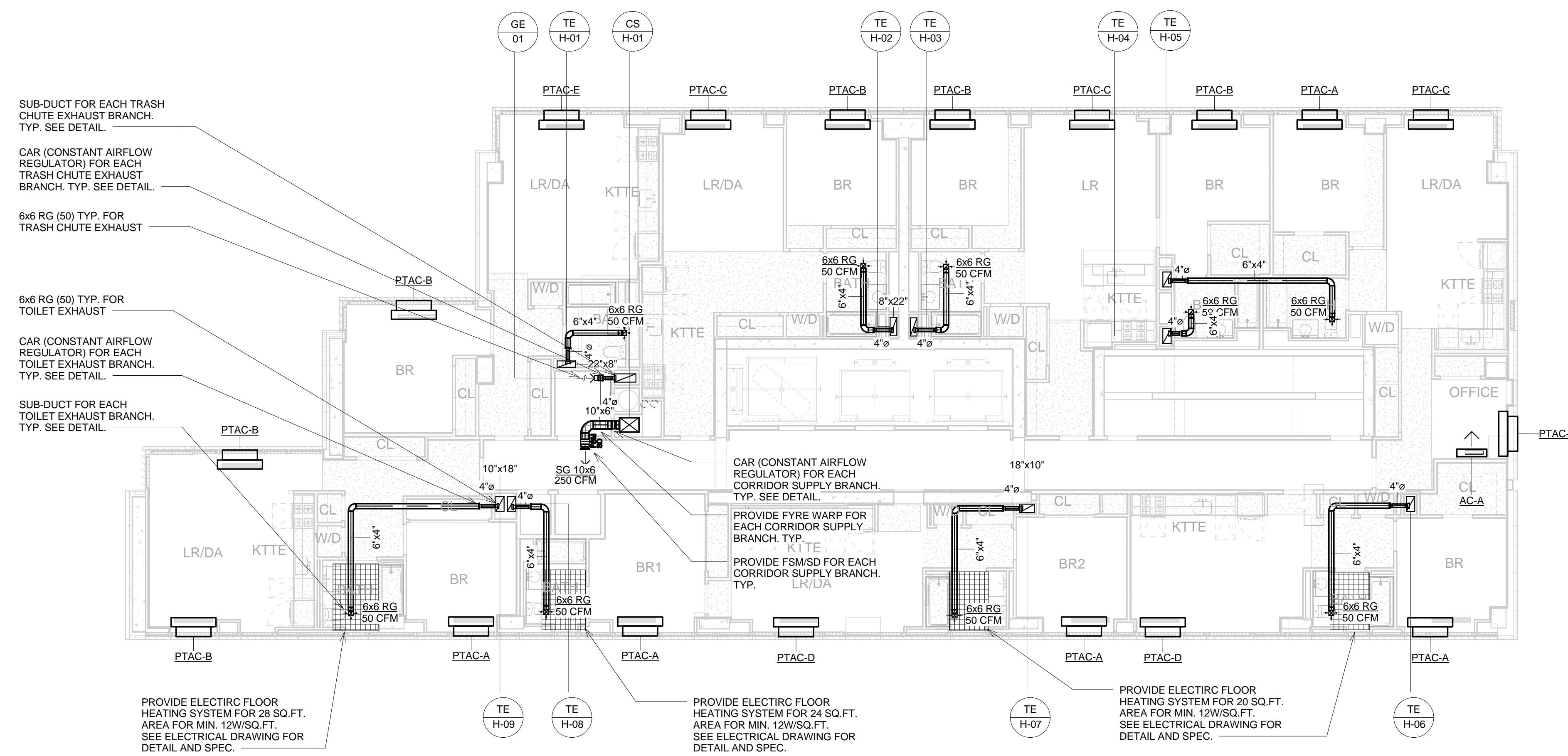
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M-204

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② 32ND FLOOR MECHANICAL HVAC PLAN
1/8" = 1'-0"



① 15TH - 31ST FLOOR MECHANICAL HVAC PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
NO.	REVISIONS / SUBMISSIONS	DATE
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<small>DESIMONE CONSULTING ENGINEERS 18 West 18th Street, New York, NY 10011 212.232.2211 ICOR ASSOCIATES, LLC 490C Route 1 South, York, PA 17403 717.339.2723 LANGAN ENGINEERING 27 Penn Plaza, 360 West 37th Street, 8th Floor, New York, NY 10018 212.479.5400 VAN DEUSEN & ASSOCIATES 5 Ridgely Street, Livingston, NJ 07039 973.994.9220</small>		

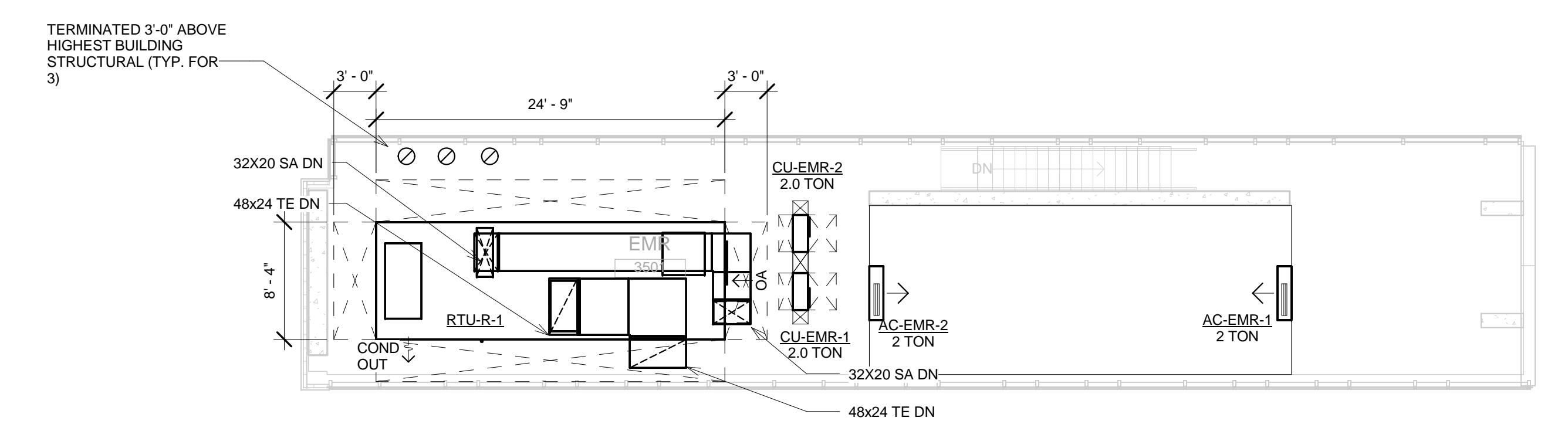
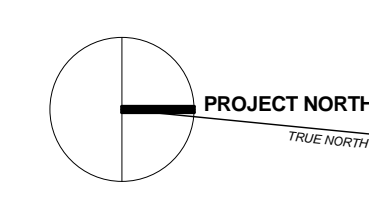
LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
15TH - 32ND FLOOR MECHANICAL HVAC PLANS

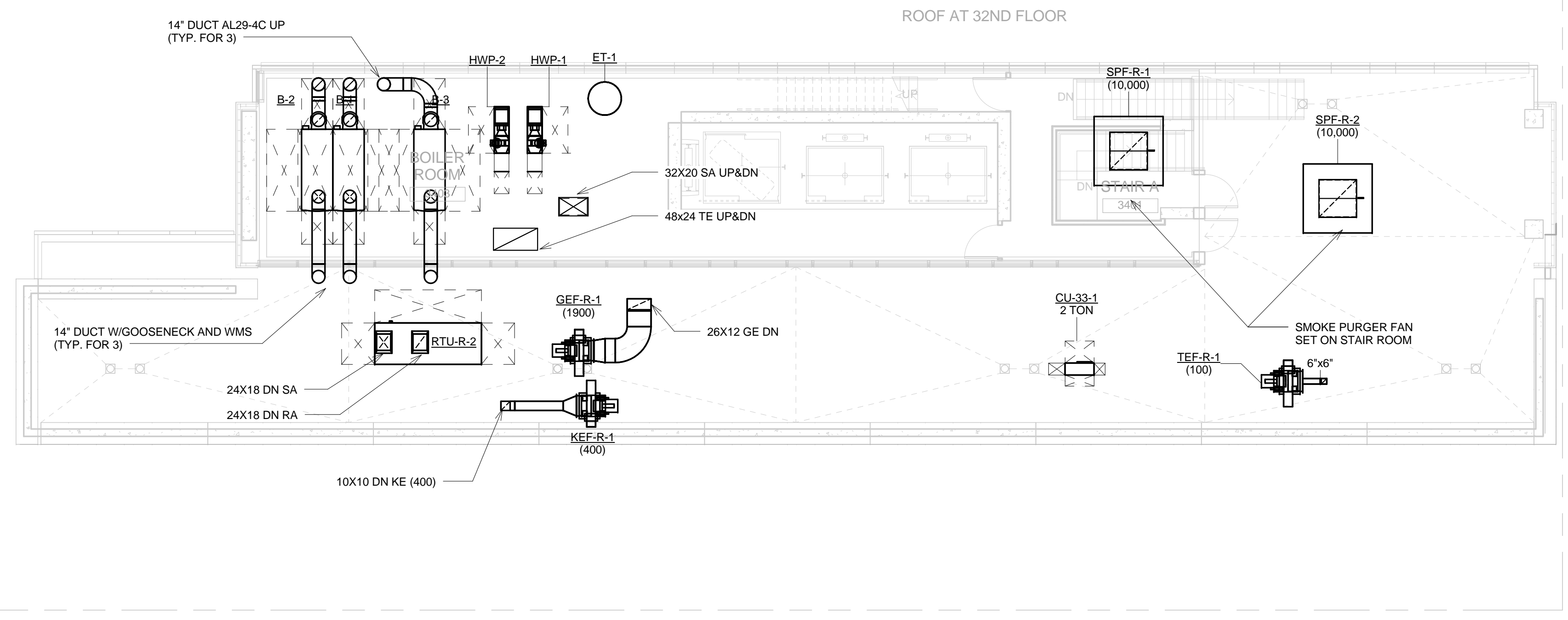
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Reviewed:	IB	Drawing No.:	
Date:	05/30/14	Scale:	1/8" = 1'-0"

M-215

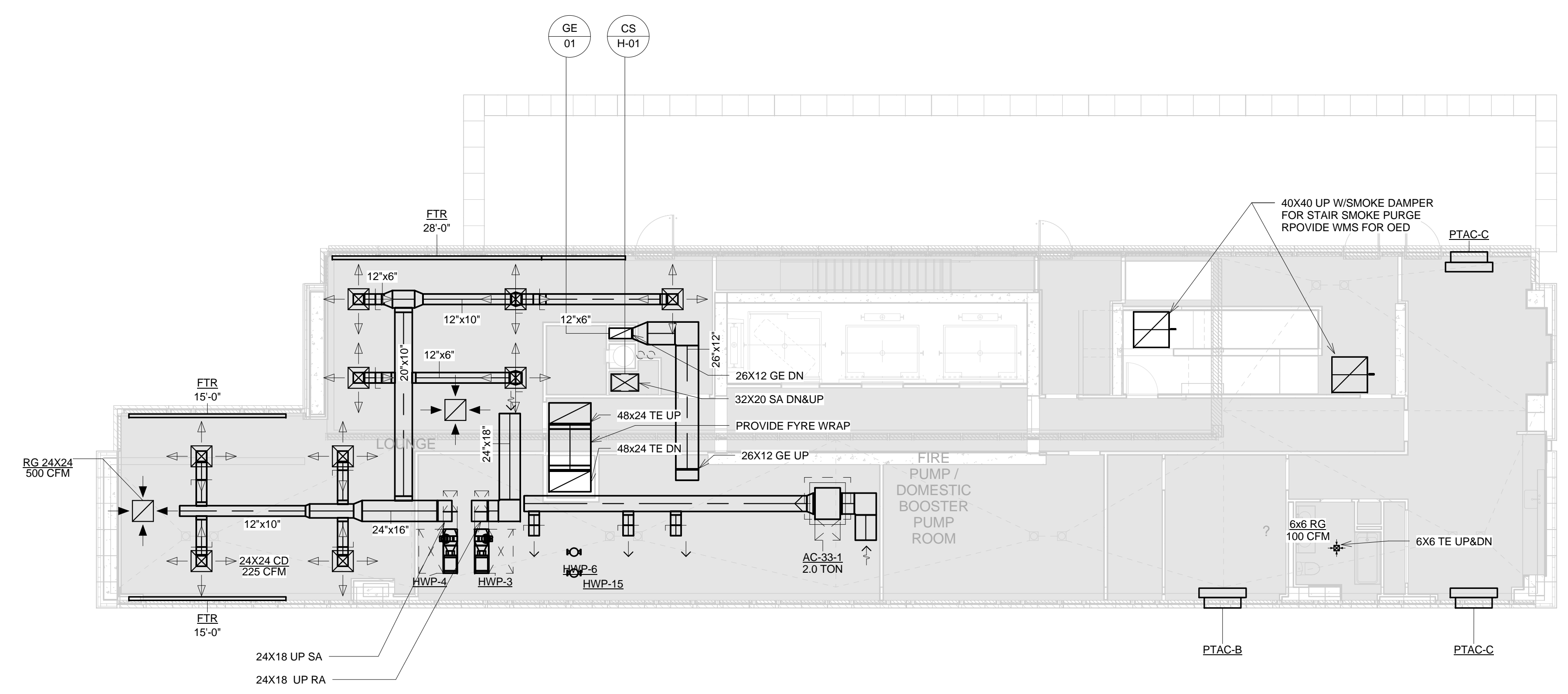
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③ EMR MECHANICAL HVAC PLAN
1/8" = 1'-0"



② LOWER ROOF MECHANICAL HVAC PLAN
1/8" = 1'-0"



① 33RD FLOOR MECHANICAL HVAC PLAN
1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

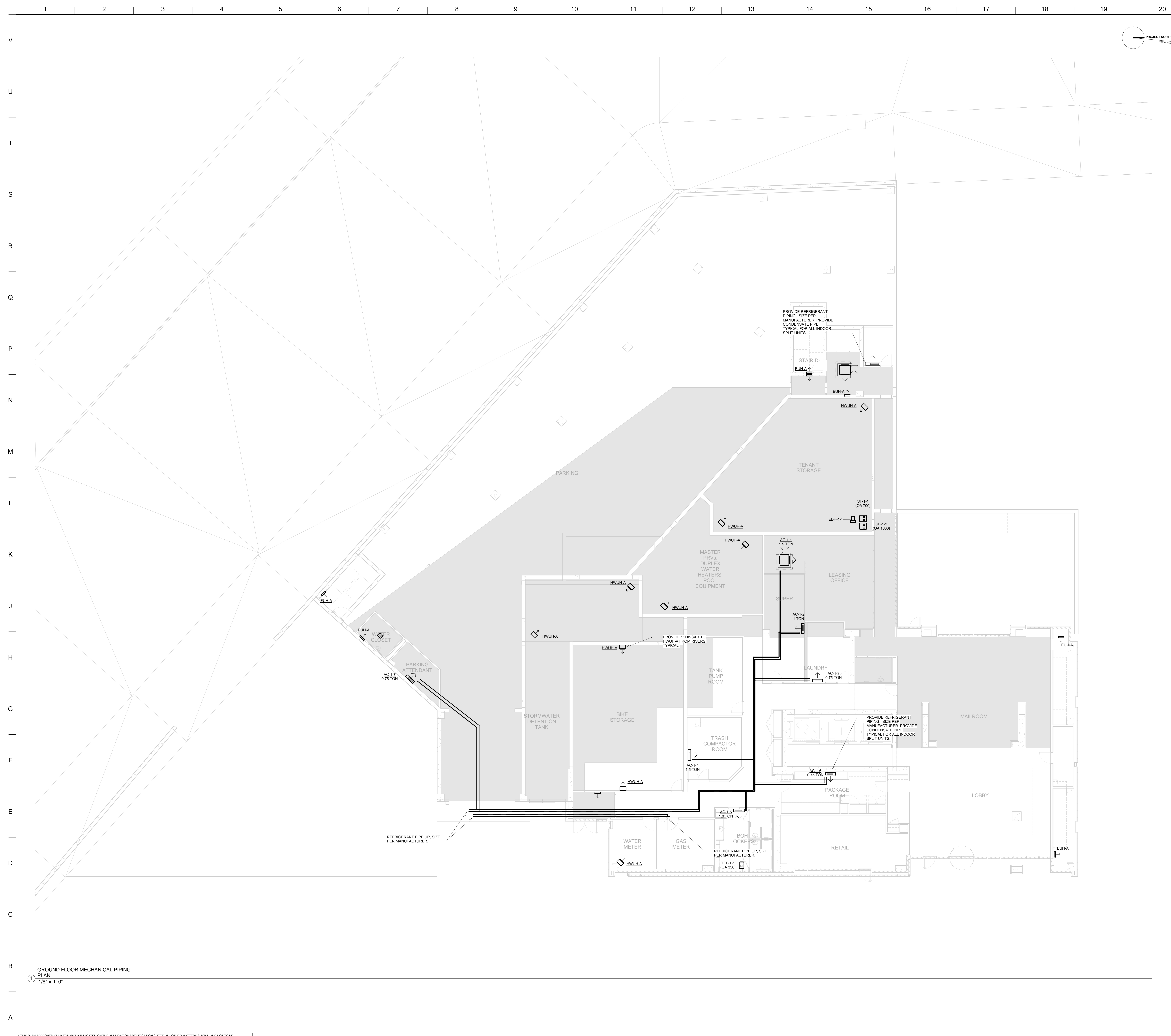
DRAWING TITLE:
33RD FLOOR, LOWER ROOF & EMR MECHANICAL HVAC PLANS

Drawn:	SK	Project No.:	13072.L00
Checked:	SD	Client File:	
Reviewed:	IB	Drawing No.:	
Date:	05/30/14	Scale:	1/8" = 1'-0"

M-233

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GROUND FLOOR MECHANICAL PIPING PLAN
 1/8" = 1'-0"

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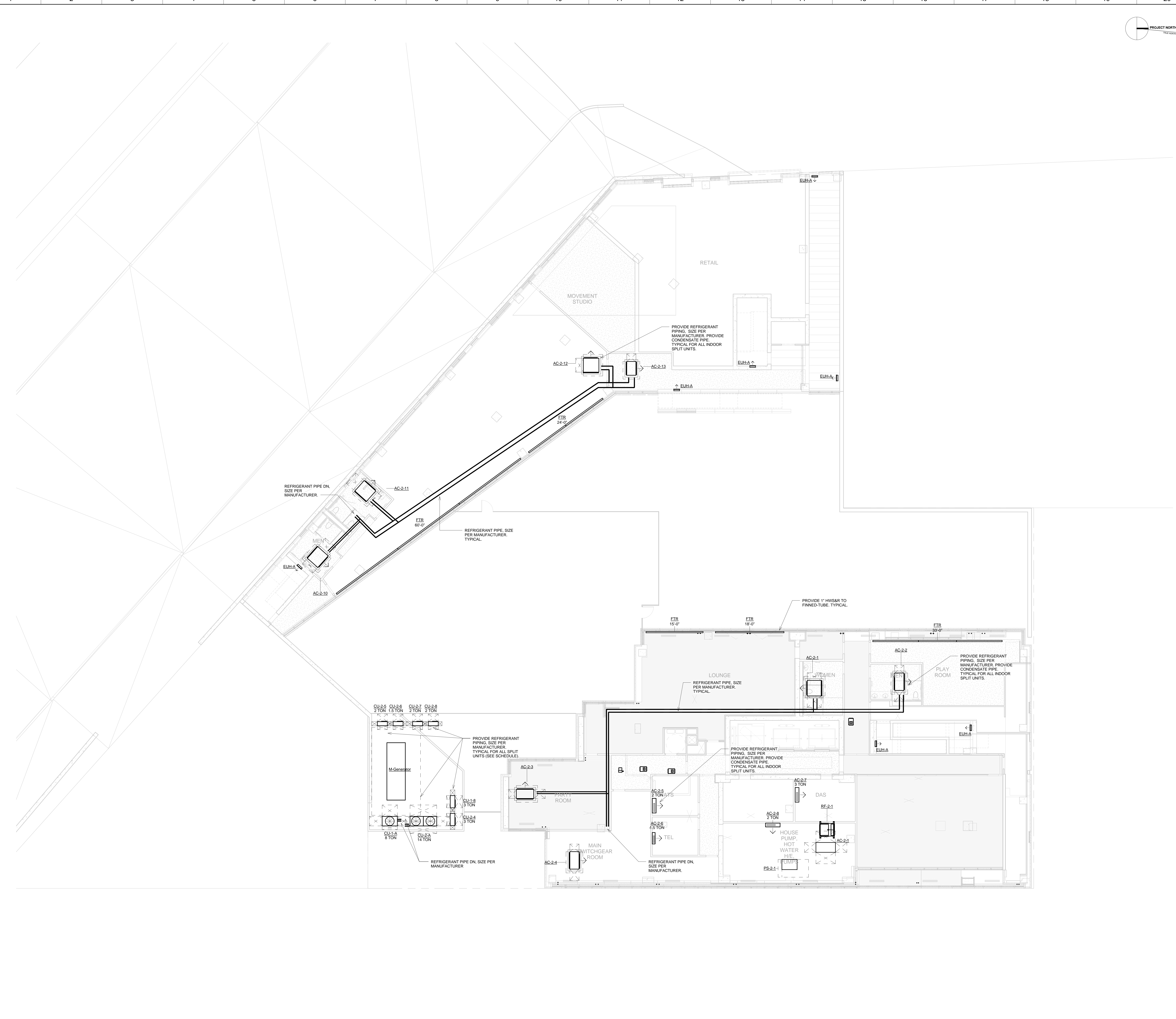
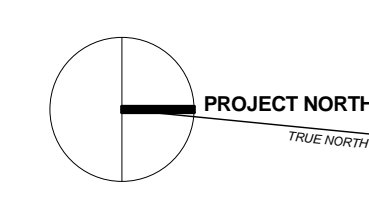
LANGAN ENGINEERING
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY
 DRAWING TITLE:
GROUND FLOOR MECHANICAL PIPING PLAN

Drawn:	SK	Project No.:	13072.L00
Checked:	SD	Client File:	
Reviewed:	IB	Drawing No.:	M-301
Date:	05/30/14	Scale:	1/8" = 1'-0"

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1 2ND FLOOR MECHANICAL PIPING PLAN
1/8" = 1'-0"

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NO.	REVISIONS / SUBMISSIONS	DATE

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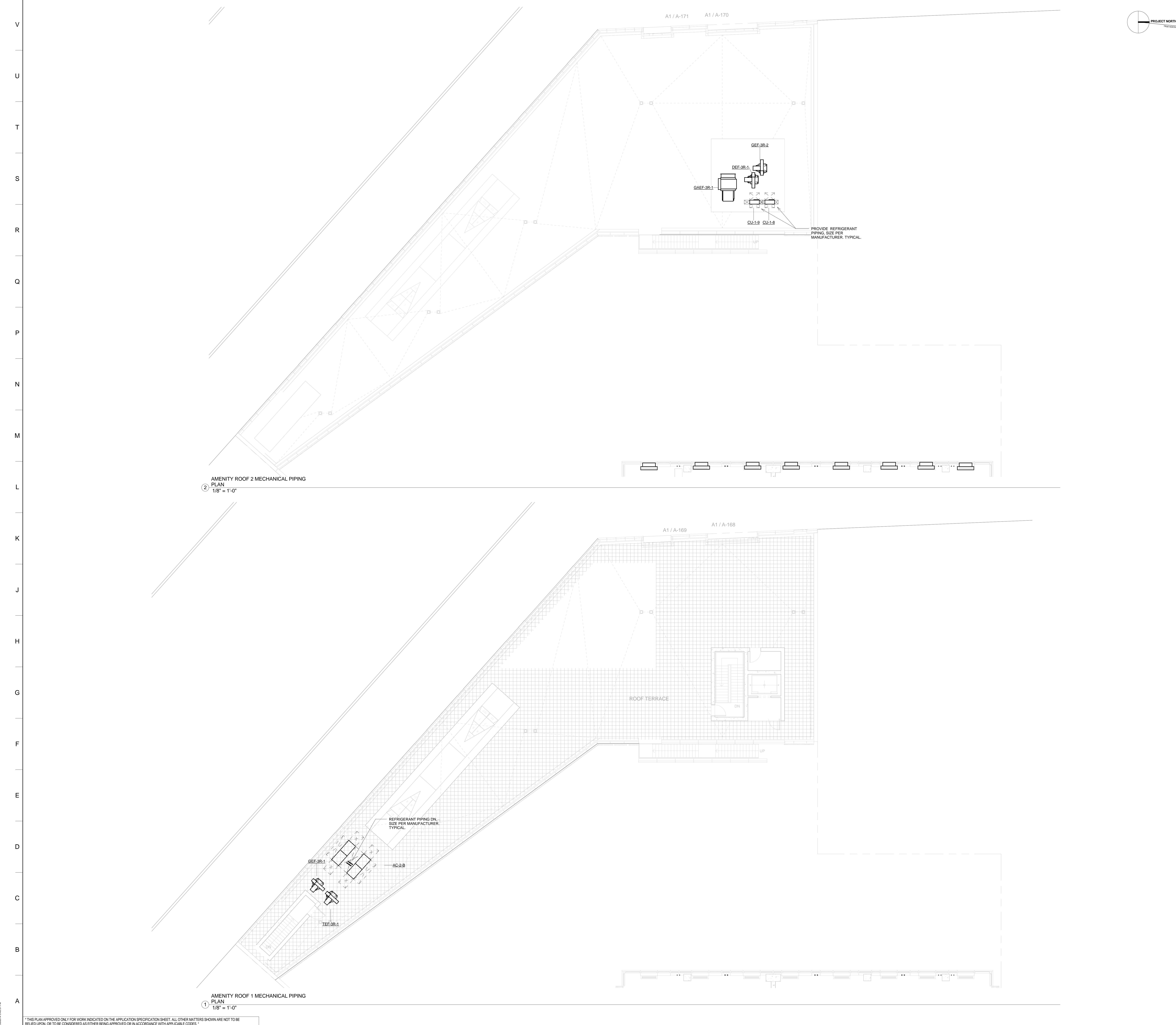
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LIC PURVES STREET DEVELOPMENT
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 DRAWING TITLE:
2ND FLOOR MECHANICAL PIPING PLAN

Seal:	Drawn: SK	Project No.: 13072.L00
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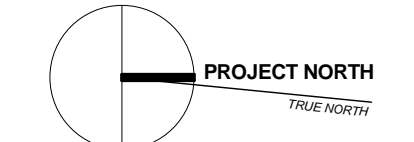
M-302

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AMENITY ROOF 2 MECHANICAL PIPING PLAN
 ② 1/8" = 1'-0"

AMENITY ROOF 1 MECHANICAL PIPING PLAN
 ① 1/8" = 1'-0"



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 490C Route 1 South, York, PA 17403 717.339.2723

LANGAN ENGINEERING
 27 Penn Plaza, 300 West 3rd Street, 8th Floor, New York, NY 10001 212.479.5400

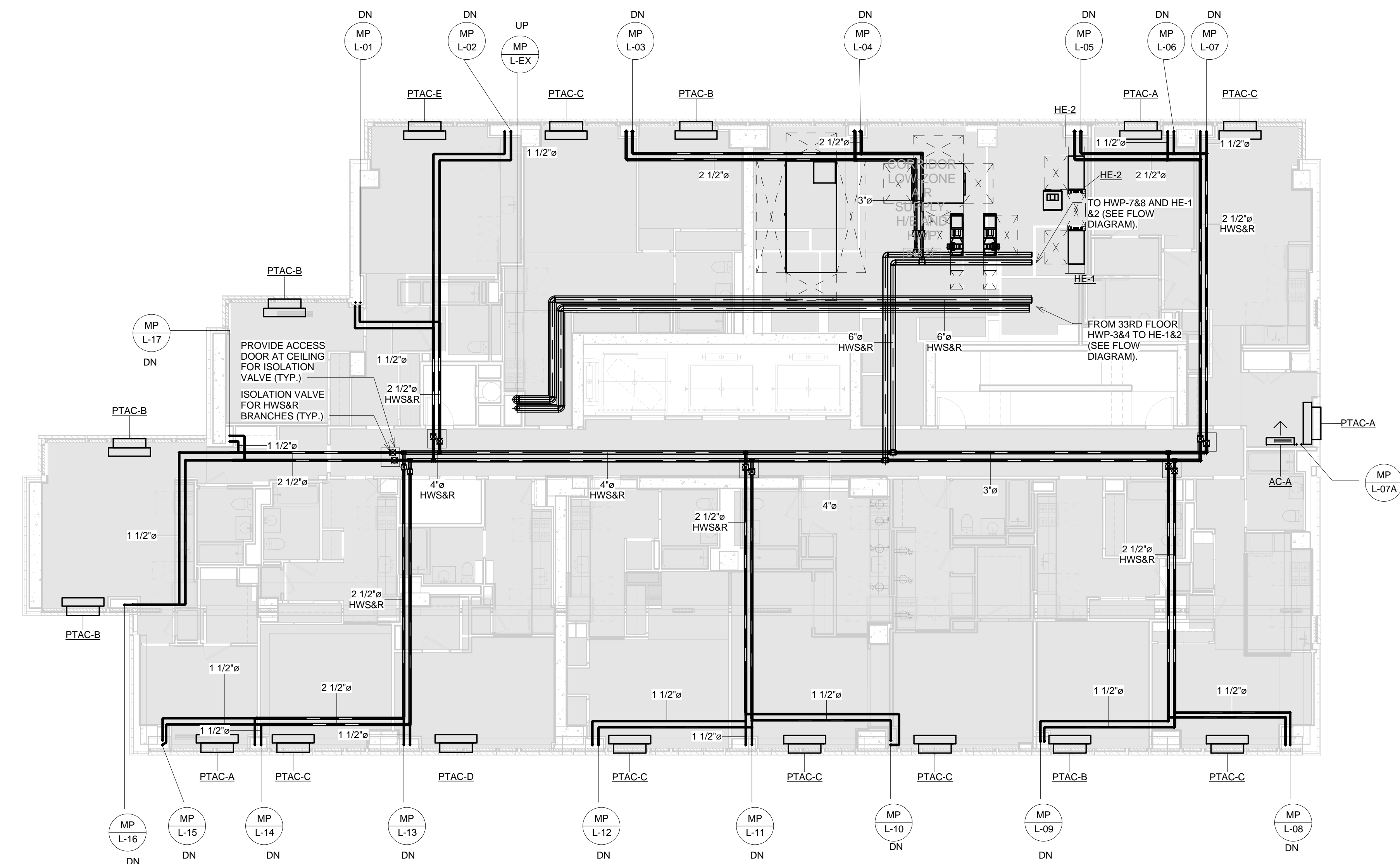
VAN DEUSEN & ASSOCIATES
 5 Ridgely Street, Livingston, NJ 07039 973.994.9220

LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

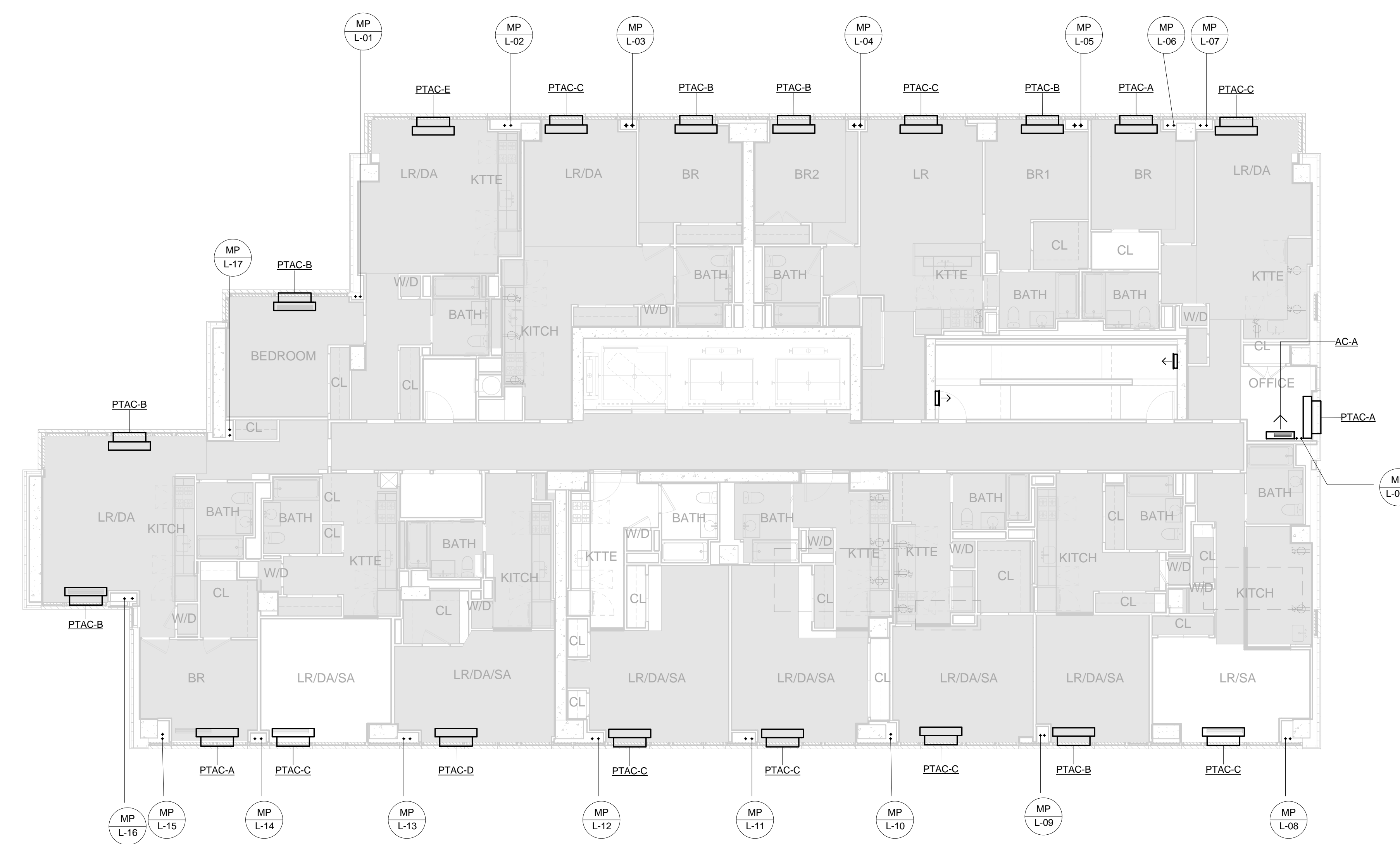
DRAWING TITLE:
AMENITY BUILDING ROOF MECHANICAL PIPING PLANS

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	Reviewed:	Drawing No.:
	Date: 05/30/14	Scale: 1/8" = 1'-0"

M-303



② 14TH FLOOR MECHANICAL PIPING PLAN
1/8" = 1'-0"



3RD - 13TH FLOOR MECHANICAL PIPING PLAN
① 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
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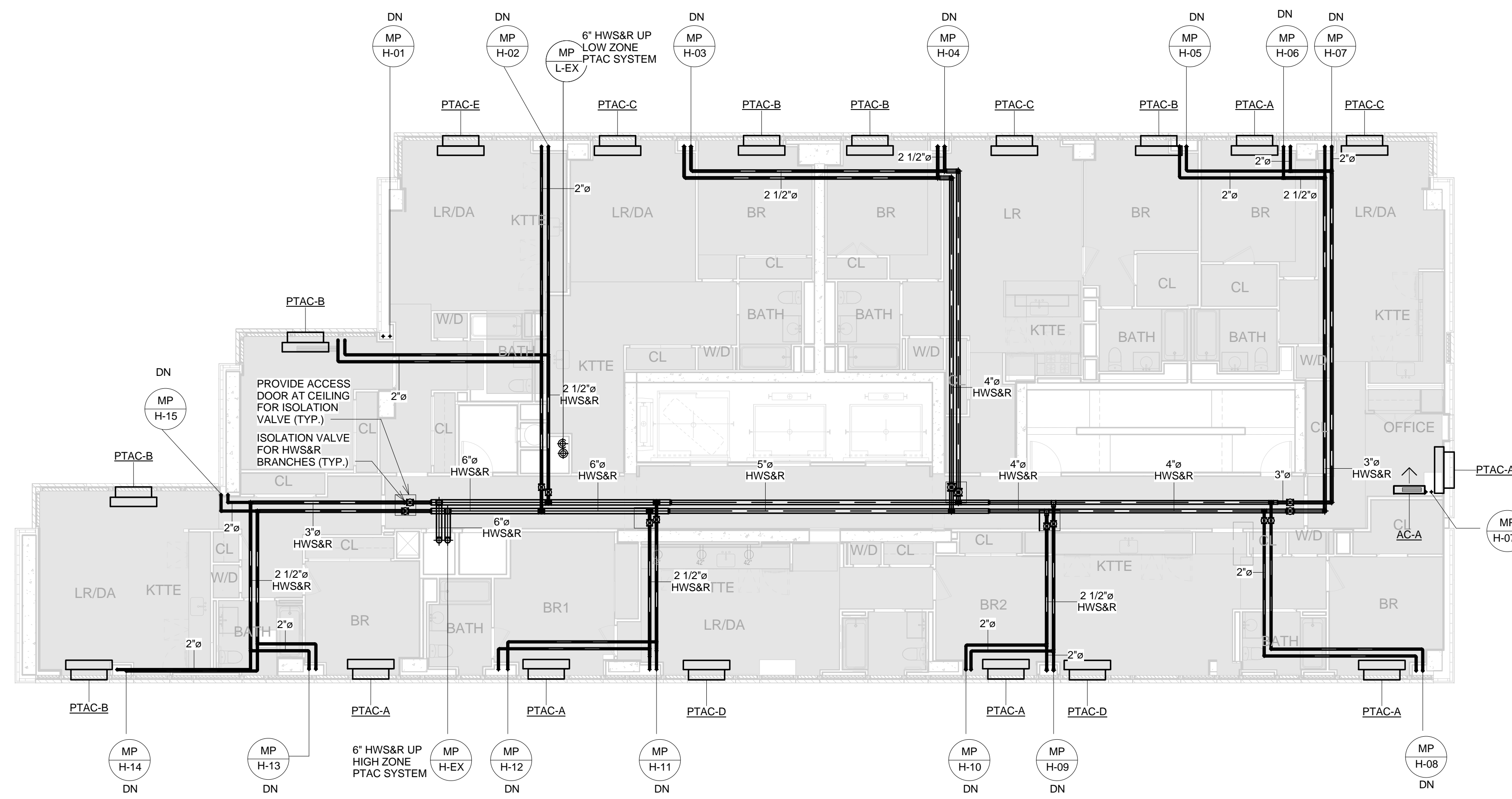
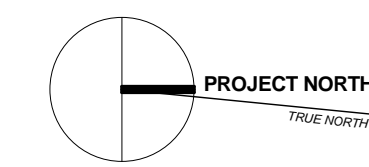
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 44-30 PURVES STREET, QUEENS, NY

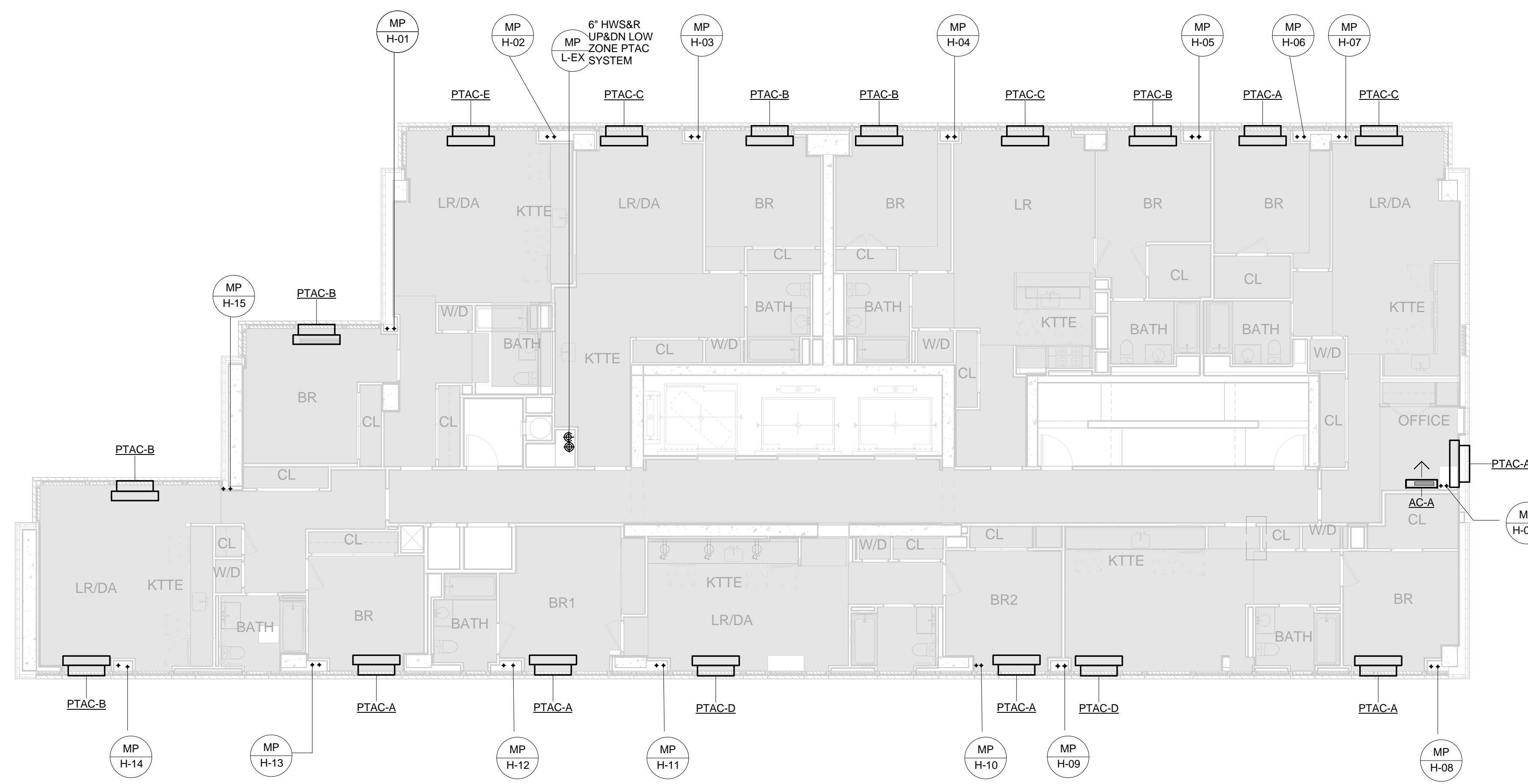
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Drawn: SK	Project No.: 13072.L00
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Reviewed: IB	Drawing No.: M-304
Date: 05/30/14	Scale: 1/8" = 1'-0"

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2 32ND FLOOR MECHANICAL PIPING PLAN
1/8" = 1'-0"



1 15TH - 31ST FLOOR MECHANICAL PIPING PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
NO.	REVISIONS / SUBMISSIONS	DATE

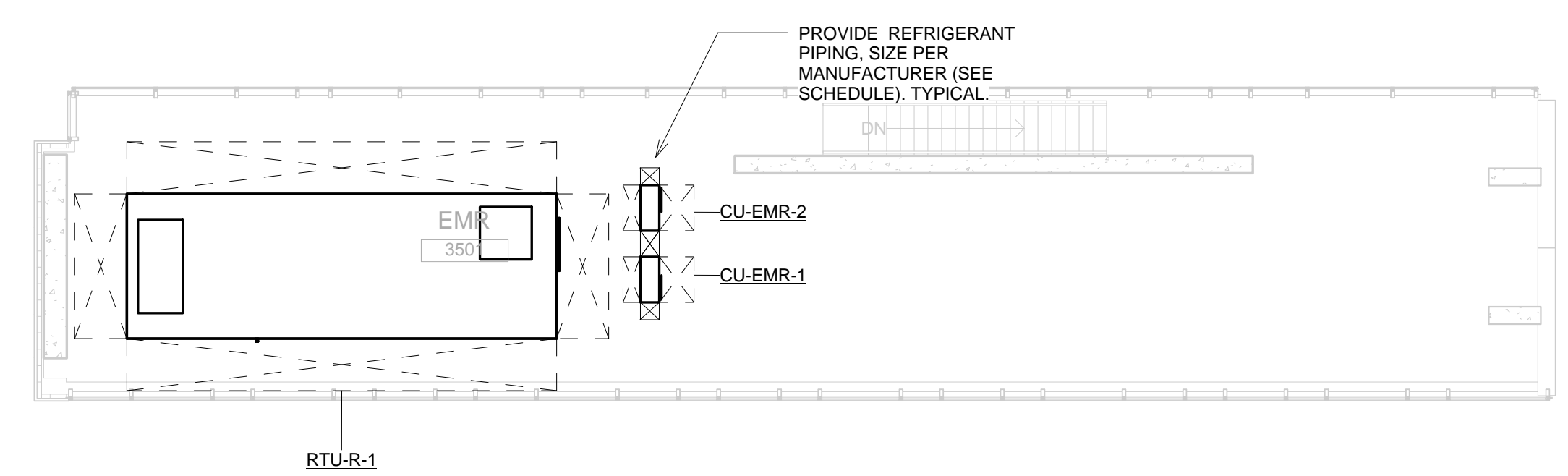
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VAN DEUSEN & ASSOCIATES
5 Ridgely Street, Livingston, NJ 07039 973.954.9220

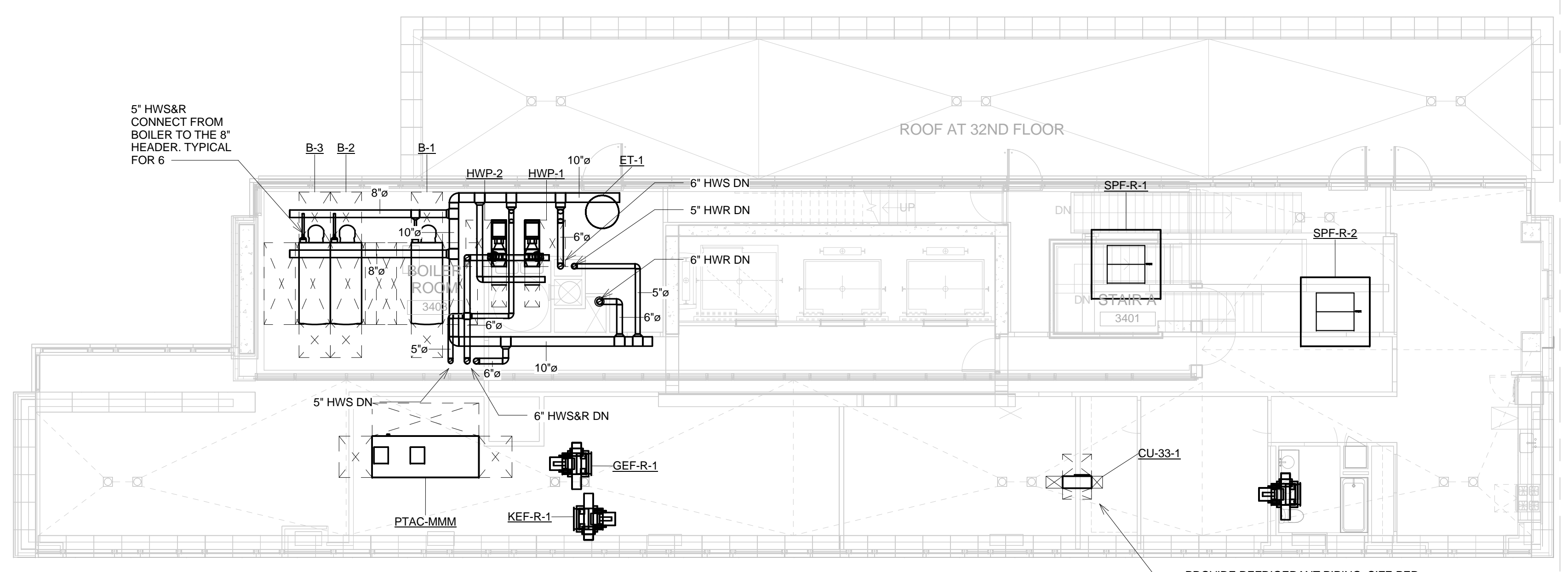
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44-30 PURVES STREET, QUEENS, NY
DRAWING TITLE:
**15TH - 32ND FLOOR
MECHANICAL PIPING PLANS**

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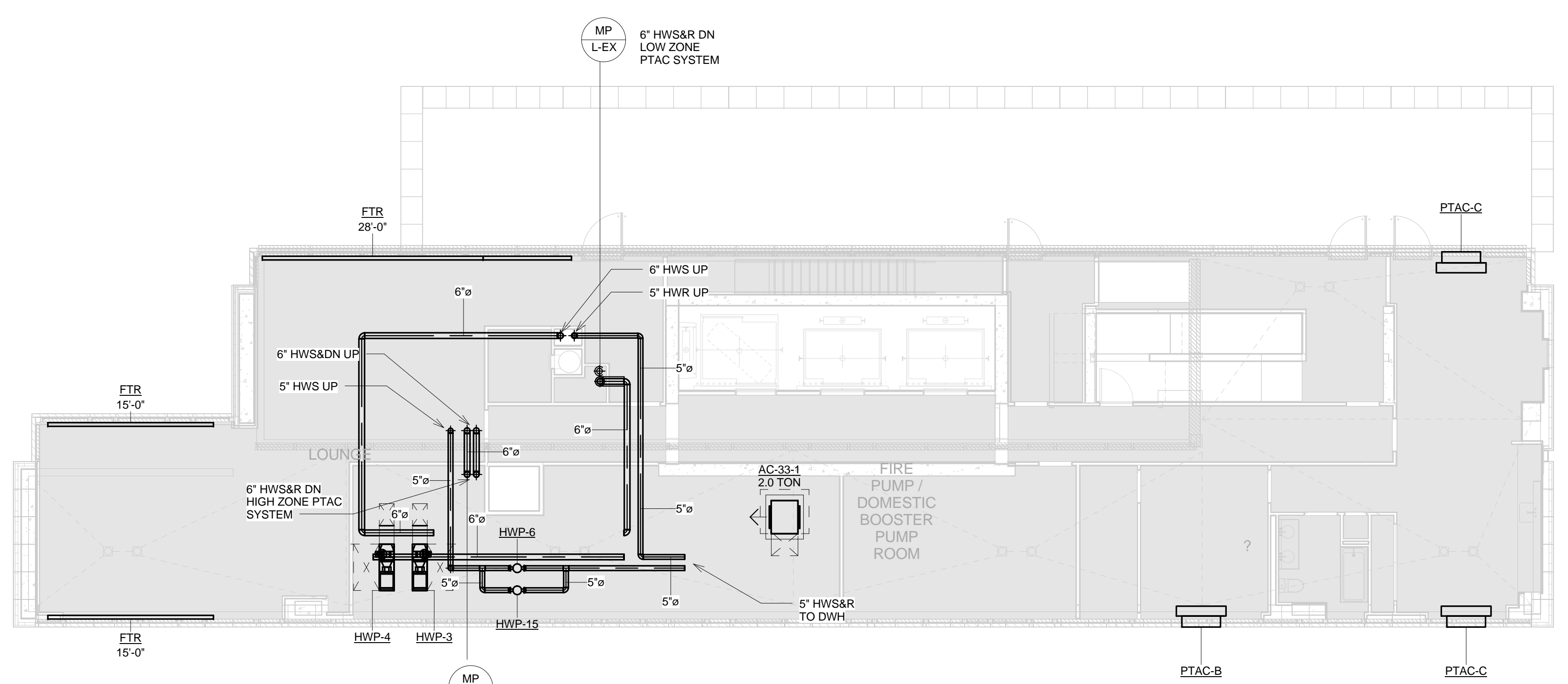
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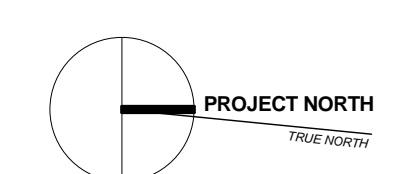
③ EMR MECHANICAL PIPING PLAN
1/8" = 1'-0"



LOWER ROOF MECHANICAL PIPING PLAN
② 1/8" = 1'-0"



① 33RD FLOOR MECHANICAL PIPING PLAN
1/8" = 1'-0"



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NO.	REVISIONS / SUBMISSIONS	DATE

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DRAWING TITLE:
33RD FLOOR, LOWER ROOF & EMR MECHANICAL PIPING PLAN

Drawn:	SK	Project No.:	1307Z.L00
Checked:	SD	Coord. File:	
Reviewed:	IB	Drawing No.:	
Date:	05/30/14	Scale:	1/8" = 1'-0"

M-333

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 SCHEMATIC DESIGN 05/14/2014
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 VAN DEUSEN & ASSOCIATES
 6 Regent Street, Livingston, NJ 07039 973.994.9220

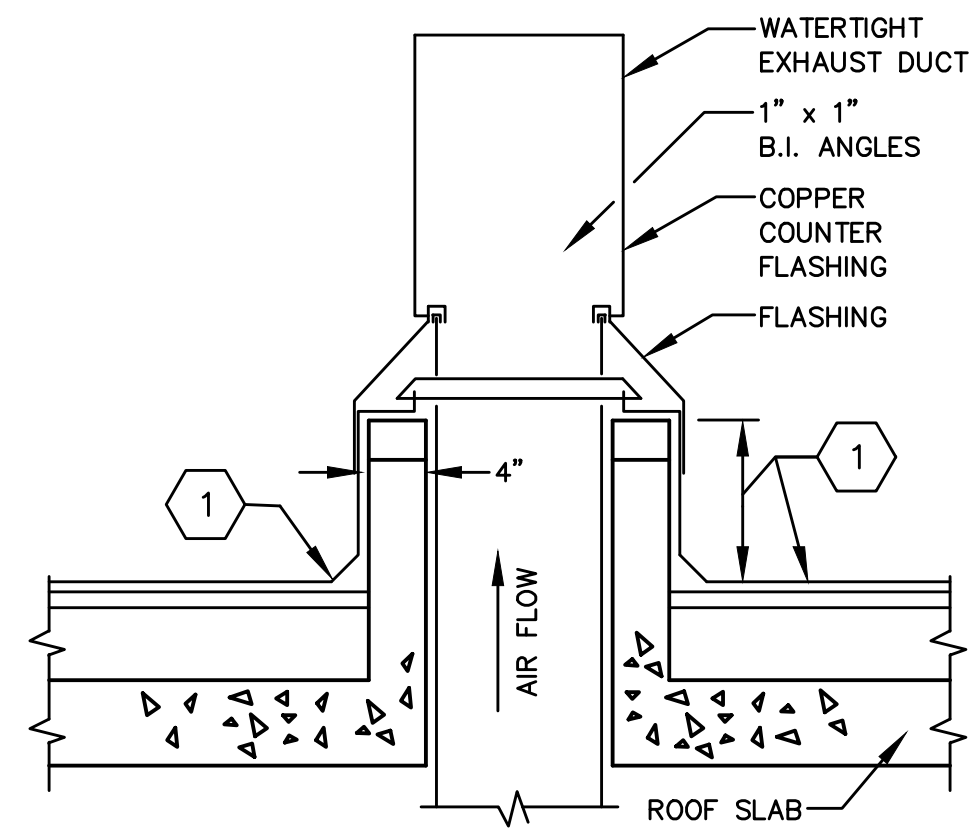
LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
MECHANICAL AIR RISER DIAGRAM - HIGH ZONE

Drawn: SK Project No: 13072.L00
 Checked: SD Client File: M-401B.dwg
 Reviewed: IB Drawing No.:
 Date: 05/30/14 Scale: NO SCALE
M-401B

MECHANICAL AIR RISER DIAGRAM - HIGH ZONE
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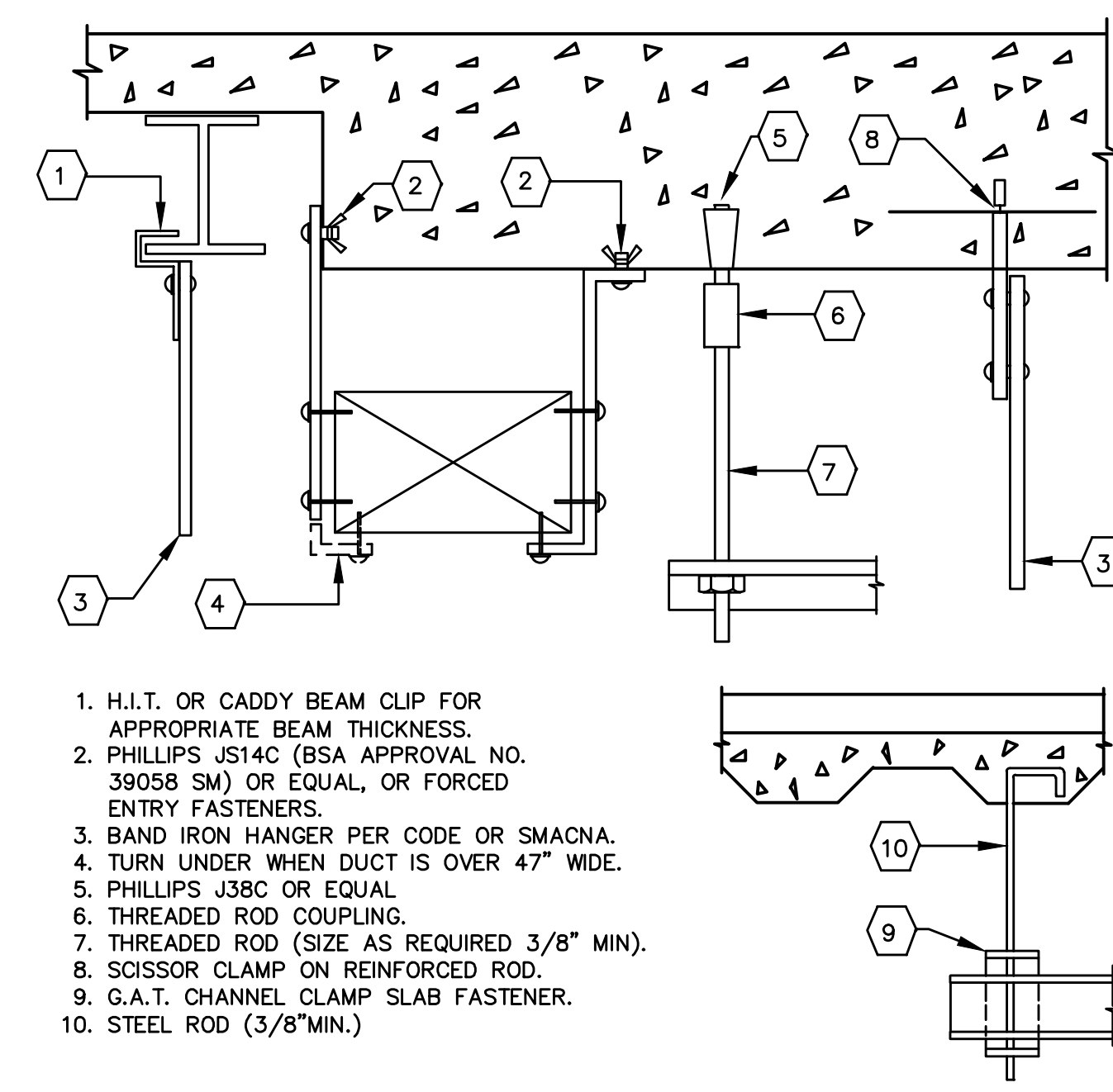
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1 SEE ARCHITECTURAL ROOF PLANS AND RELATED ARCHITECTURAL DETAILS FOR INFORMATION REGARDING ALL ROOF PENETRATIONS, SUPPORT AND ETC.

DUCT PENETRATION THRU ROOF

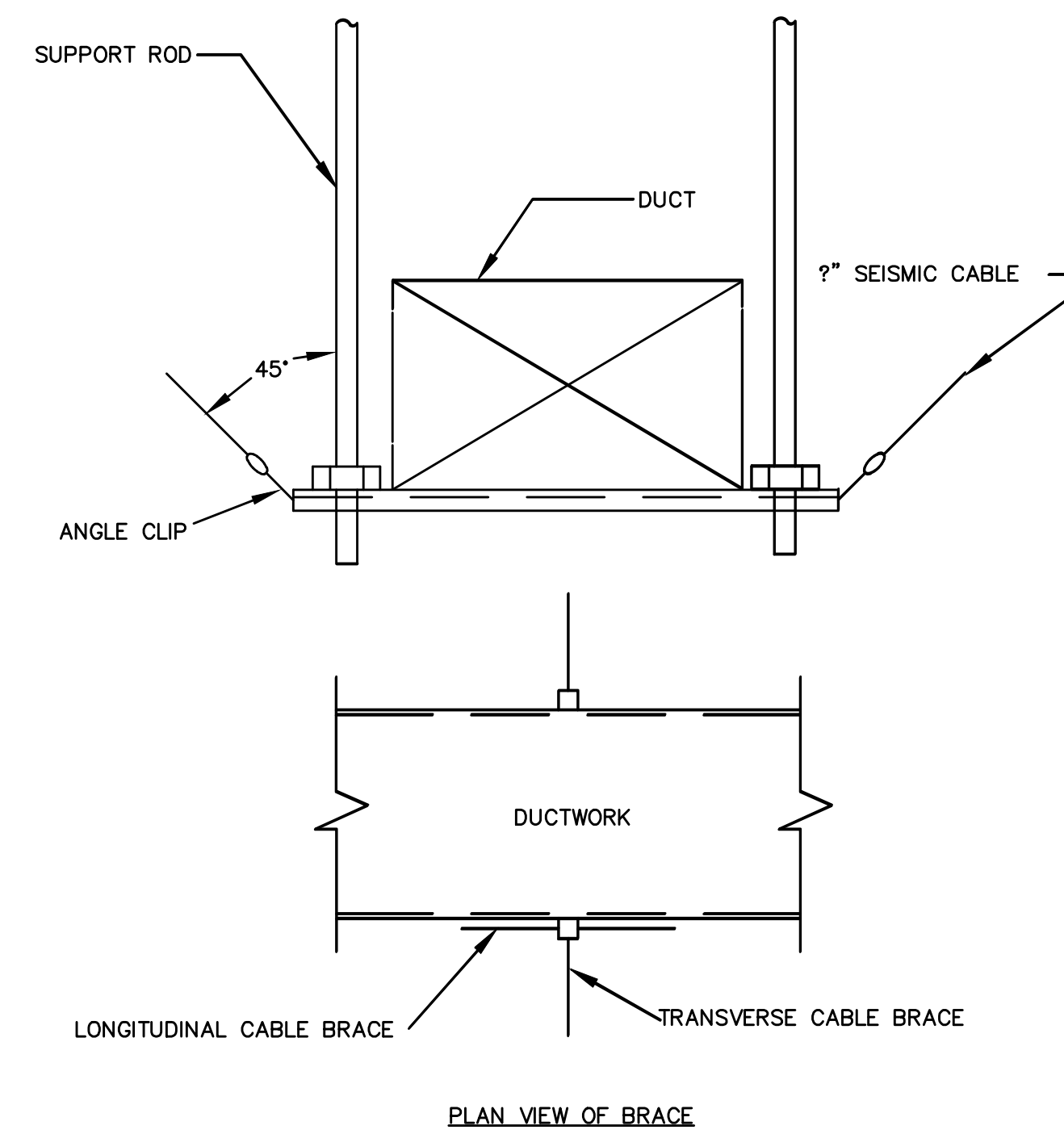
NOT TO SCALE



- H.L.T. OR CADDY BEAM CLIP FOR APPROPRIATE BEAM THICKNESS.
- PHILLIPS J514C (BSA APPROVAL NO. 39008 SN) OR EQUAL, OR FORCED ENTRY FASTENERS.
- BAND IRON HANGER PER CODE OR SMACNA. TURN UNDER WHEN DUCT IS OVER 47" WIDE.
- PHILLIPS J38C OR EQUAL.
- THREADED ROD COUPLING.
- THREADED ROD (SIZE AS REQUIRED 3/8" MIN).
- SCISSOR CLAMP ON REINFORCED ROD.
- G.A.T. CHANNEL CLAMP SLAB FASTENER.
- STEEL ROD (3/8" MIN).

METHOD OF HANGING DUCTWORK

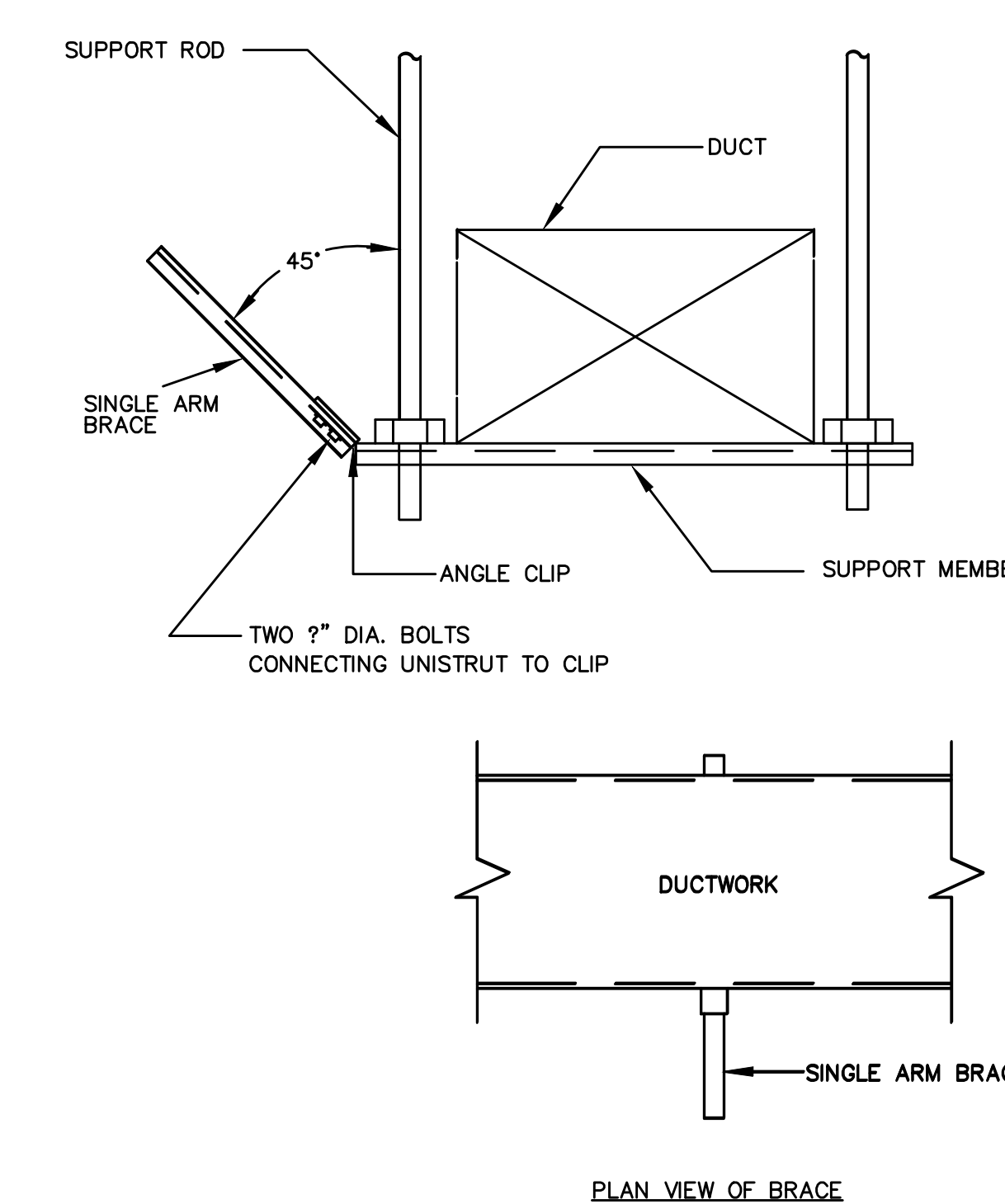
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PLAN VIEW OF BRACE

TRANSVERSE AND LONGITUDINAL CABLE BRACE FOR DUCT

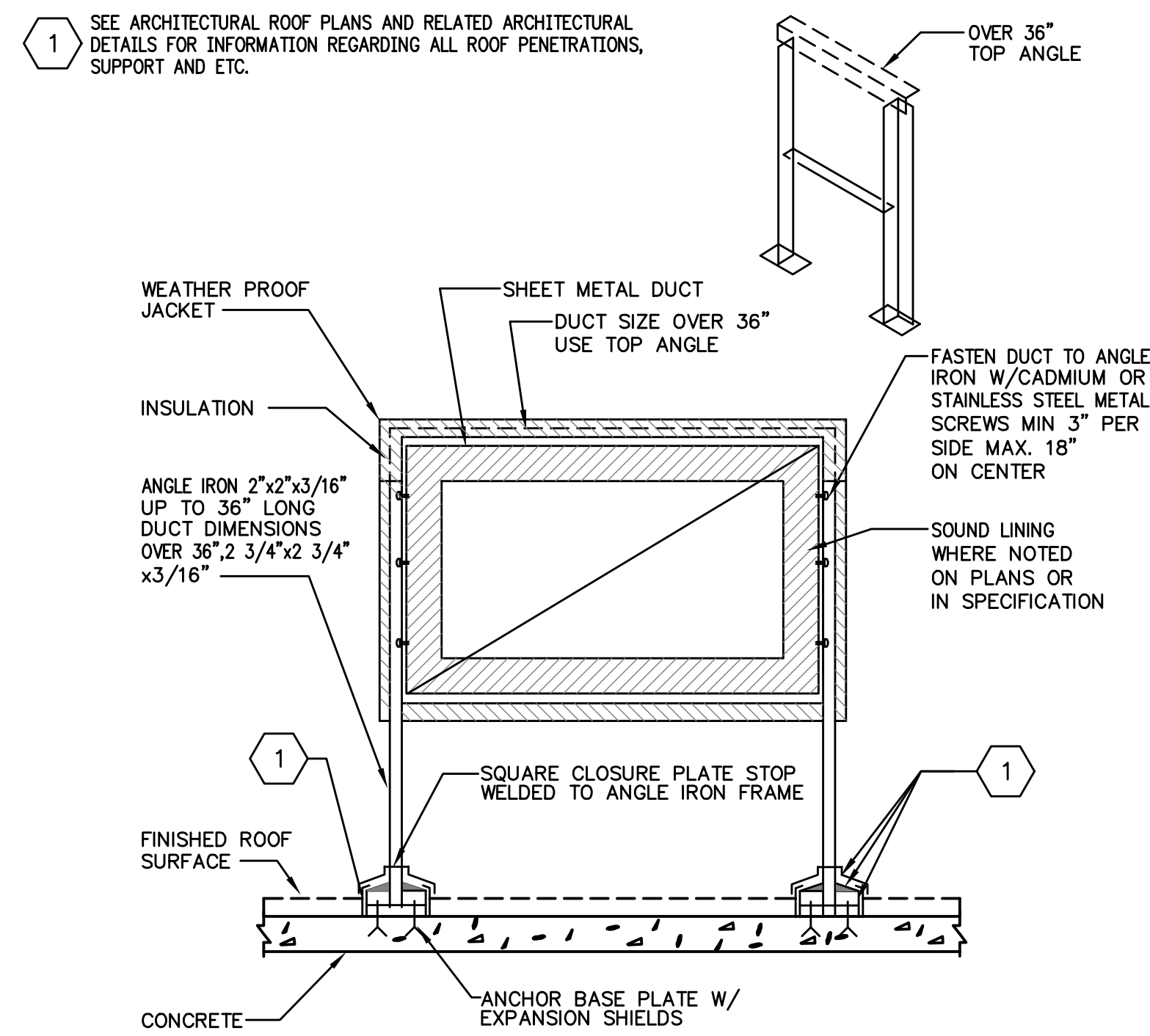
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PLAN VIEW OF BRACE

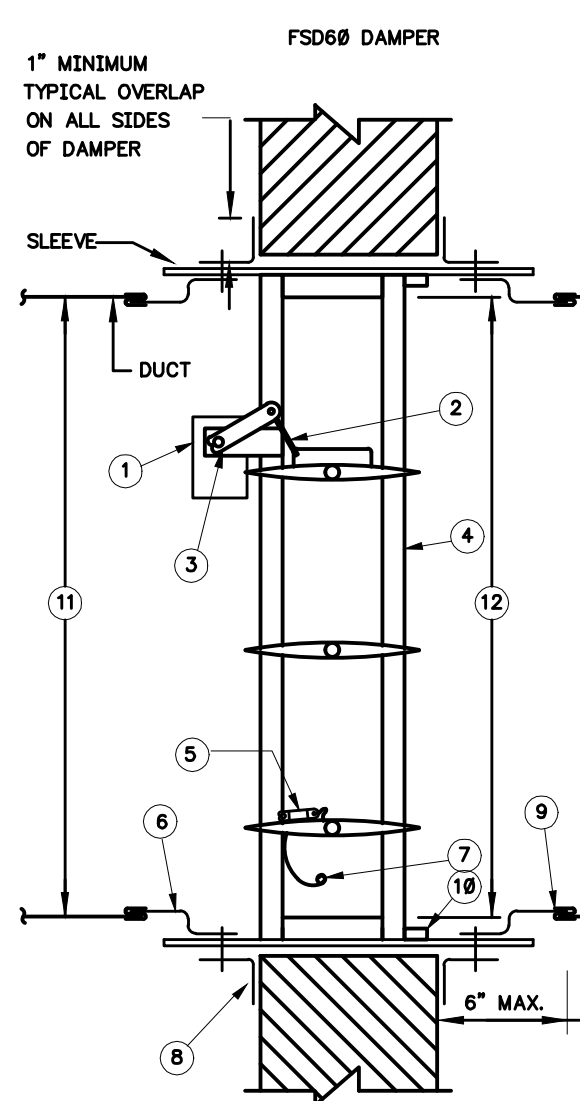
SINGLE ARM BRACE FOR DUCT

NOT TO SCALE



DETAIL OF SUPPORT AND INSULATION FOR ROOF MOUNTED DUCTWORK

NOT TO SCALE



APPLICATION
COMBINATION FIRE AND LEAKAGE RATED DAMPERS ARE DESIGNED TO OPERATE WITH BLADES RUNNING HORIZONTALLY AND MUST BE INSTALLED WITHIN THE FIRE WALL DUCT OPENING.
TO INSURE OPTIMUM OPERATION AND PERFORMANCE, THE DAMPER MUST BE INSTALLED SO THAT IT IS SQUARE AND FREE FROM RACKING. DO NOT COMPRESS OR STRETCH THE DAMPER FRAME INTO THE DUCT OR OPENING.

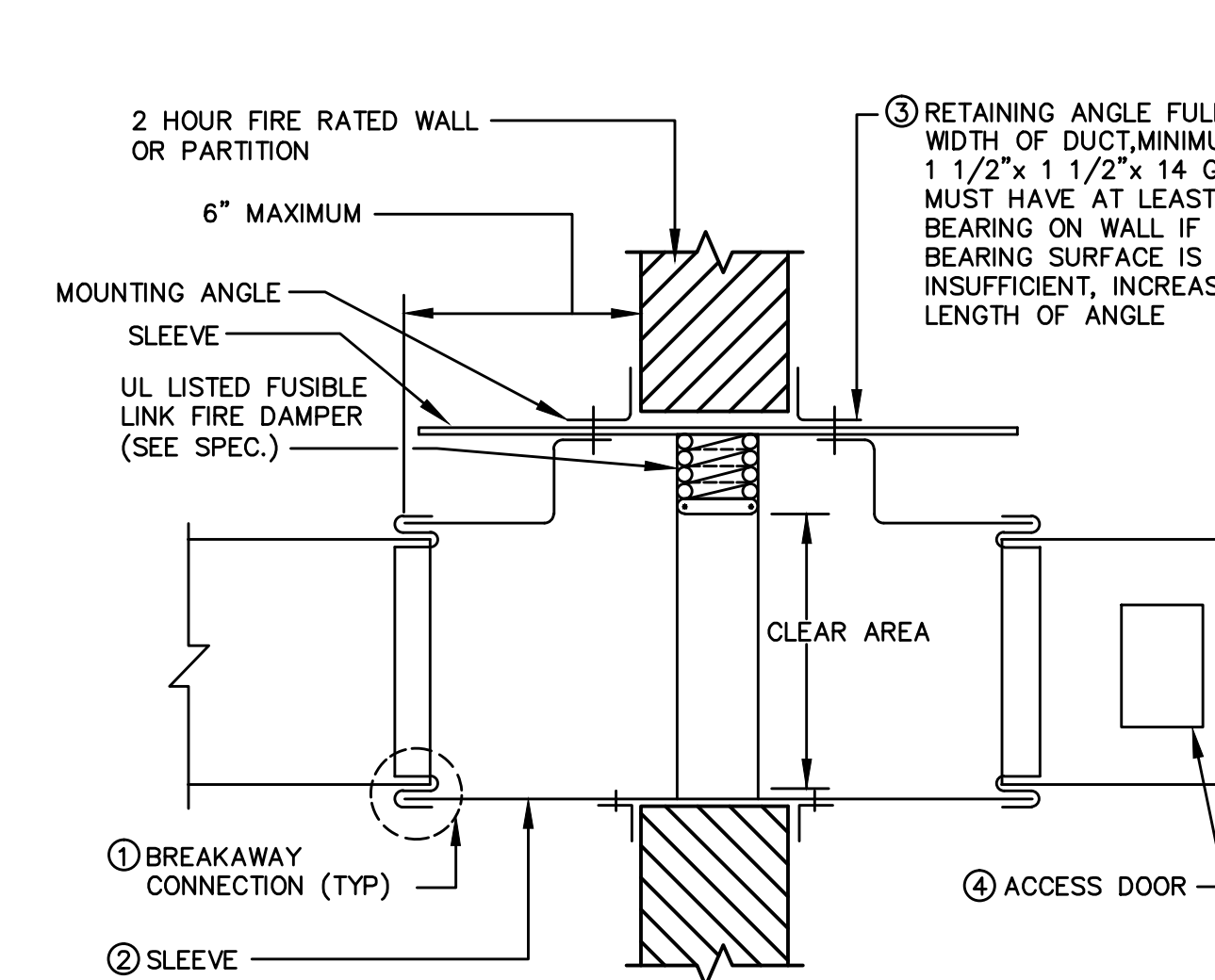
GENERAL INSTALLATION
THE FIRE WALL OPENING SHALL BE A MINIMUM OF 1/8" PER FOOT LARGER THAN THE OVERALL SIZE OF THE DAMPER AND SLEEVE ASSEMBLY. THE MAXIMUM OPENING SIZE SHALL NOT EXCEED 1/8" PER FOOT PLUS 1". NOT SHALL THE OPENING BE LESS THAN 1/4" LARGER THAN ANY DAMPER AND SLEEVE ASSEMBLY.
AS DESCRIBED IN NFPA 98A AND AS DEFINED BY THE APPROPRIATE SMACNA DUCT CONSTRUCTION STANDARD, THE SLEEVE SHALL BE EQUAL TO OR HEAVIER THAN THE GAGE OF THE DUCT WHEN ONE OR MORE OF THE FOLLOWING DUCT CONNECTIONS ARE USED: PLAIN S-SLIP, RIVETED S-SLIP, STANDING S-SLIP, REINFORCED STANDING S-SLIP, INSIDE SLIP JOINT, AND DOUBLE S-SLIP. THE DAMPER IS FASTENED TO THE SLEEVE WITH 1/2" WELDS SPACED 6" CENTER TO CENTER AND A MAXIMUM OF 2" FROM DAMPER CORNERS. IF OTHER DUCT SLEEVE CONNECTIONS ARE USED, THE SLEEVE SHALL BE A MINIMUM OF 16 GAGE FOR DAMPERS UP TO 36" WIDE BY 24" HIGH AND 14 GAGE FOR DAMPER WIDTHS EXCEEDING 36" OR HEIGHTS EXCEEDING 24".
MOUNTING ANGLES SHALL BE 1-1/2" X 1-1/2" X 1/4 GAGE MINIMUM AND FASTENED WITH NO. 10 BOLTS OR SCREWS, 3/16" DIAMETER STEEL RIVETS OR 1/2" LONG TACK WELDS. SPACE FASTENERS 8" ON CENTER FOR 1-1/2 HOUR RATED DAMPERS.
WHEN JOINING MULTIPLE DAMPER ASSEMBLIES OR FASTENING THE DAMPER TO THE SLEEVE, DAMPERS SHALL BE FASTENED WITH 1/4" OR BOLTS, NO. 10 SCREWS, OR 1/2" LONG WELDS STAGGERED INTERMITTENTLY ON BOTH SIDES. SPACE FASTENERS 6" ON CENTER AND A MAXIMUM 2" FROM THE ENDS OF THE JOINING SECTIONS OR FROM EACH CORNER. WHEN JOINING MULTIPLE DAMPER ASSEMBLIES, A CONTINUOUS 1/8" BEAD OF DOW-CORNING 180S SILICON RUBBER, DOW-CORNING SILASTIC 732, OR GE RTV 106 SEALANT SHALL BE APPLIED ON THE MOUNTING JOINT. PRESS THE SURFACE OF THE SEALANT IN PLACE TO DISPEL ANY AIR.
ANOTHER BEAD OF THE SAME SEALANT SHALL BE APPLIED BETWEEN THE DAMPER AND SLEEVE IN THE SAME MANNER. ONLY ONE SIDE OF THE DAMPER REQUIRES CAULKING.
DAMPER SLEEVE SHALL NOT EXTEND MORE THAN 6" BEYOND THE FIRE WALL OR PARTITION AND NOT MORE THAN 9" ON THE OPERATOR/ACTUATOR SIDE.
DAMPER CLEAR OPEN AREA SHALL BE EQUAL TO INSIDE CLEAR DUCT DIMENSION OF CONNECTING DUCTS OR TRANSFER OPENING.
CONTRACTOR SHALL SUBMIT STATIC PRESSURE LOSS THRU DAMPER AT OPERATING DUCT VELOCITIES.
PROVIDE ACCESS DOORS AS PER SPECIFICATIONS.
THESE INSTRUCTIONS COMPLY WITH UNDERWRITERS LABORATORIES SAFETY STANDARDS 500 AND 900S.

ITEM DESCRIPTION

- OPERATOR/ACTUATOR (MOUNTED OUTSIDE OF AIR STREAM)
- FUSIBLE ROD
- AUXILIARY OPERATING JACK SHAFT
- DAMPER FRAME
- FUSIBLE LINK WITH LOCK
- SLEEVE
- NEGATOR SPRING
- MOUNTING ANGLES
- S-JOINT, SLEEVE TO DUCT
- CAULKING MATERIAL
- CONNECTING DUCT OPEN AREA
- DAMPER CLEAR OPEN AREA (TO EQUAL CONNECTION DUCT OPEN AREA)

FIRE/SMOKE DAMPER INSTALLATION DETAIL

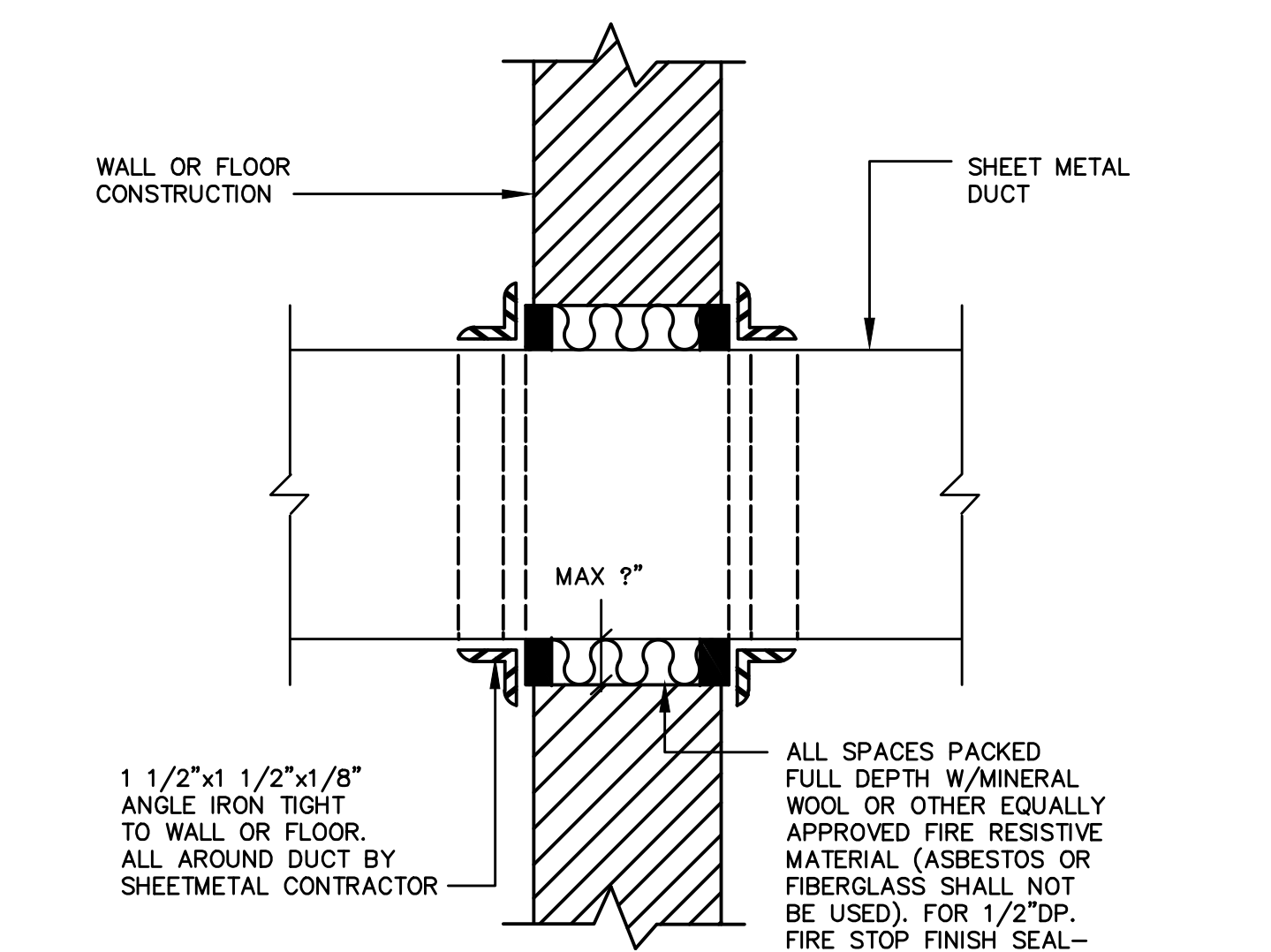
NOT TO SCALE



- BREAKAWAY CONNECTION SHALL BE SIMILAR TO UL555 SEC. 14.4 APPROVED TYPES, AND NFPA 90A.
- SLEEVE MAY BE DUCT GAUGE IF UL555 CONNECTIONS ARE USED. SLEEVE SHALL BE 16 GA. UP TO 36" W24" OR 14 GA. FOR LARGER SIZES.
- SHEET METAL CONTRACTOR SHALL FURNISH CONSTRUCTION CONTRACTOR WITH OPENING SIZES. ALL OPENINGS SHALL BE PACKED WITH SUITABLE FIRE RETARDANT MATERIAL.
- ACCESS DOOR MUST BE LOCATED AS REQUIRED TO ENABLE RESETTING OF DAMPER. MORE THAN ONE DOOR MAY BE REQUIRED ON LARGE DUCTS.
- DAMPER CLEAR OPEN AREA SHALL BE EQUAL TO INSIDE CLEAR DUCT DIMENSION OF CONNECTING DUCTS OR TRANSFER OPENING.

AUTOMATIC FIRE DAMPERS

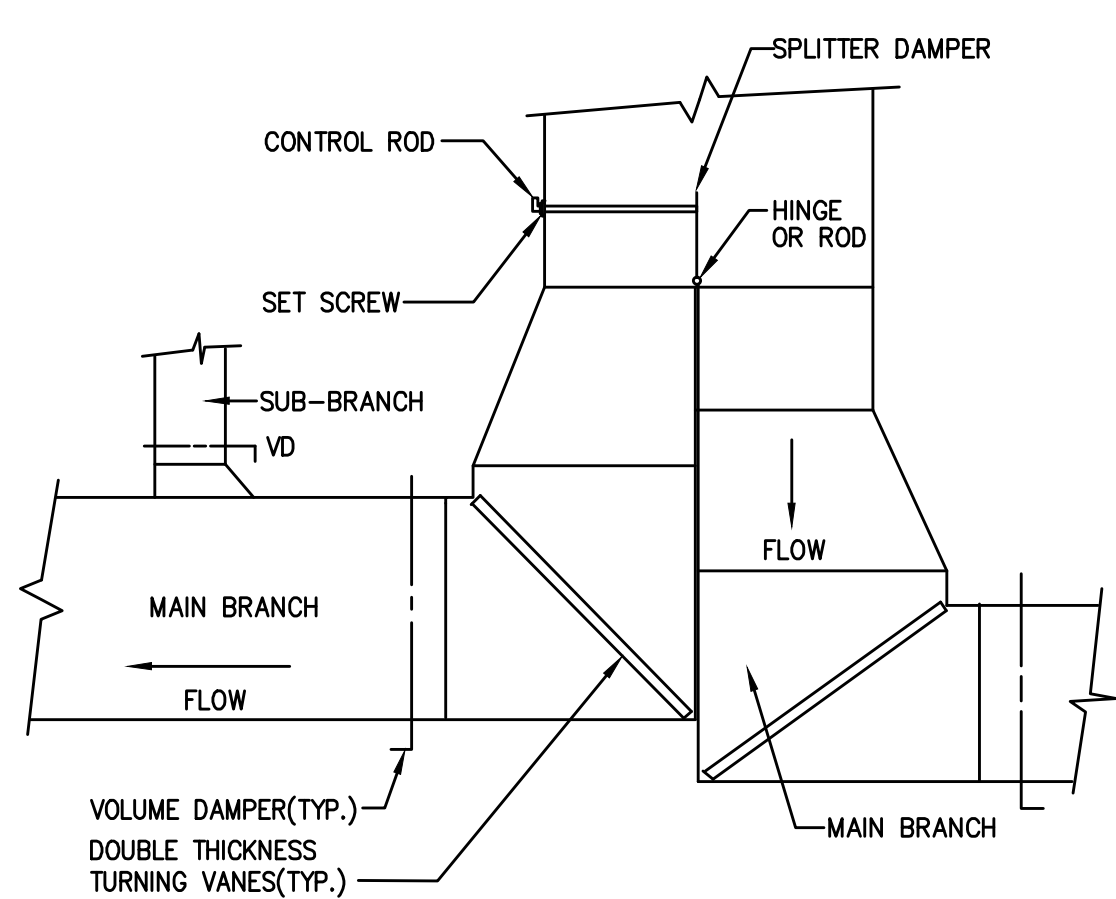
NOT TO SCALE



NOTE:
1. FOR WALLS REQUIRING FIRE DAMPERS, SEE OTHER DETAILS.

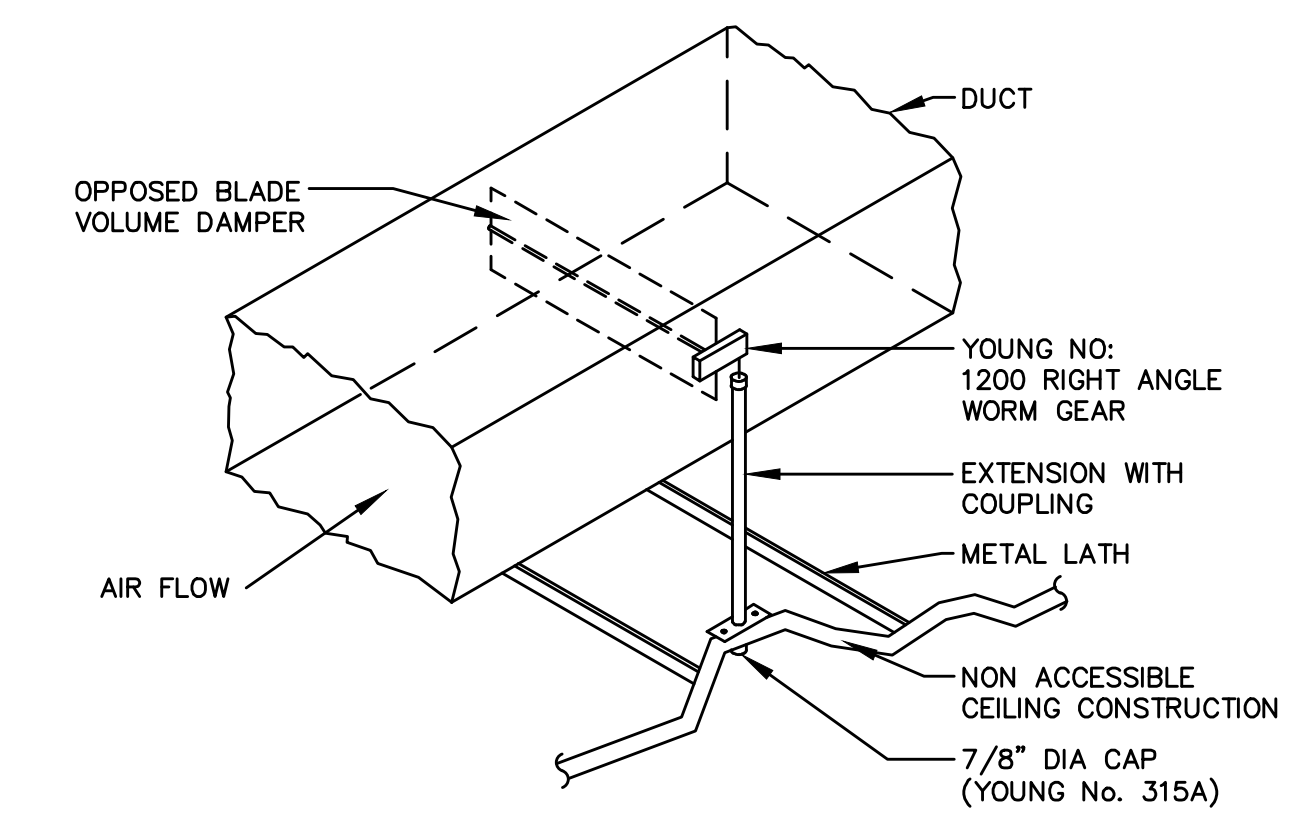
DETAIL OF CAULKING OF DUCT PIERCING WALLS OR FLOORS WHERE FIRE DAMPERS ARE NOT REQUIRED

NOT TO SCALE



DUCT CONNECTION DETAIL

SCALE : N.T.S.

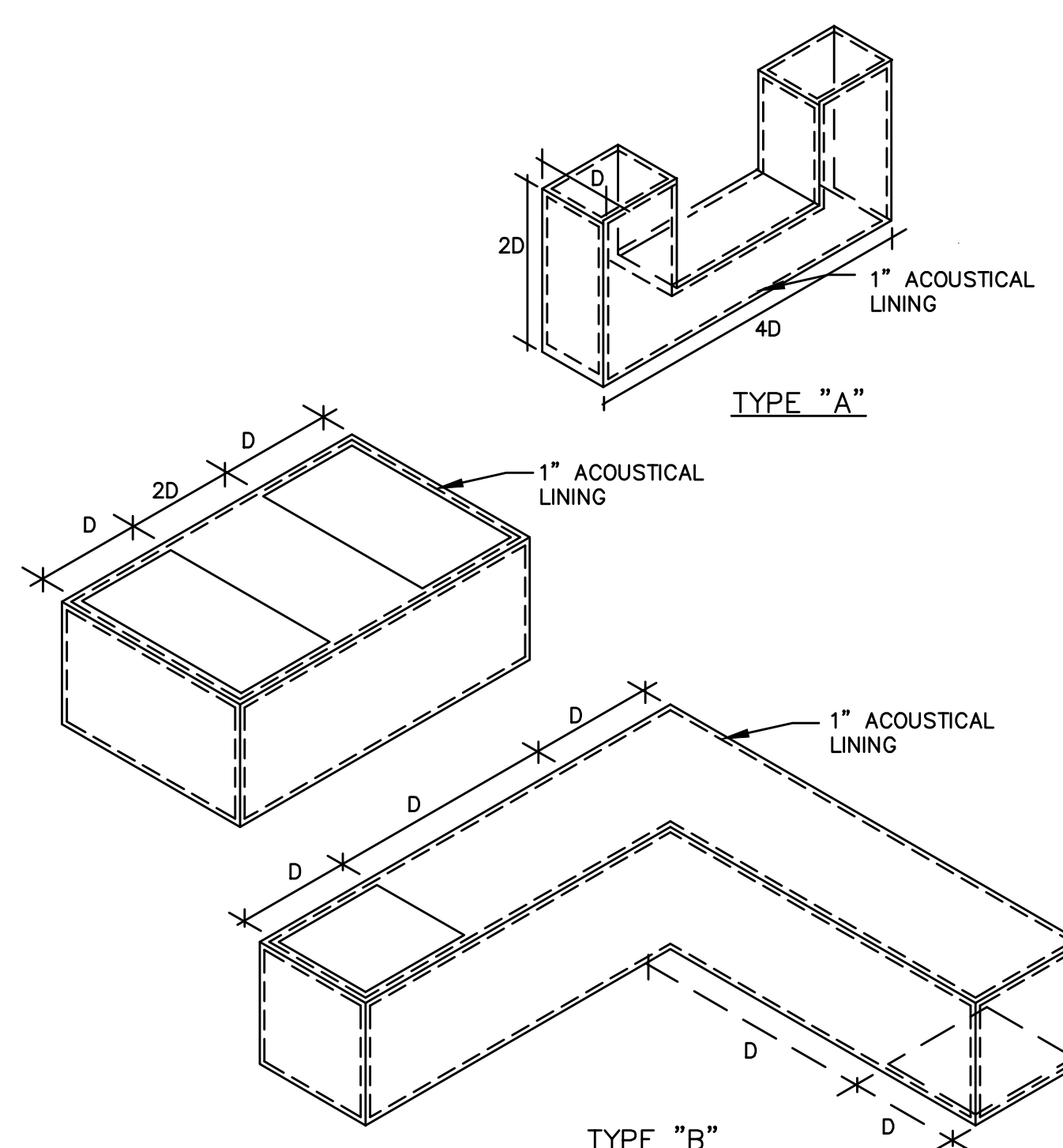


NOTES:

- WHEN DAMPER IS LOCATED WITHIN 10' OF A DIFFUSER, OR WITHIN A LOBBY OR SPECIALTY SPACE (COORDINATE WITH ARCHITECT), VOLUME DAMPER ASSEMBLY SHALL BE OPERABLE THROUGH FACE OF NEAREST DIFFUSER, BY MEANS OF FLEXIBLE-CABLE BASED REMOTE CABLE CONTROL SYSTEM WITH YOUNG REGULATOR.
- ALL OTHER NON-ACCESSIBLE CEILING AREAS SHALL BE AS INDICATED.

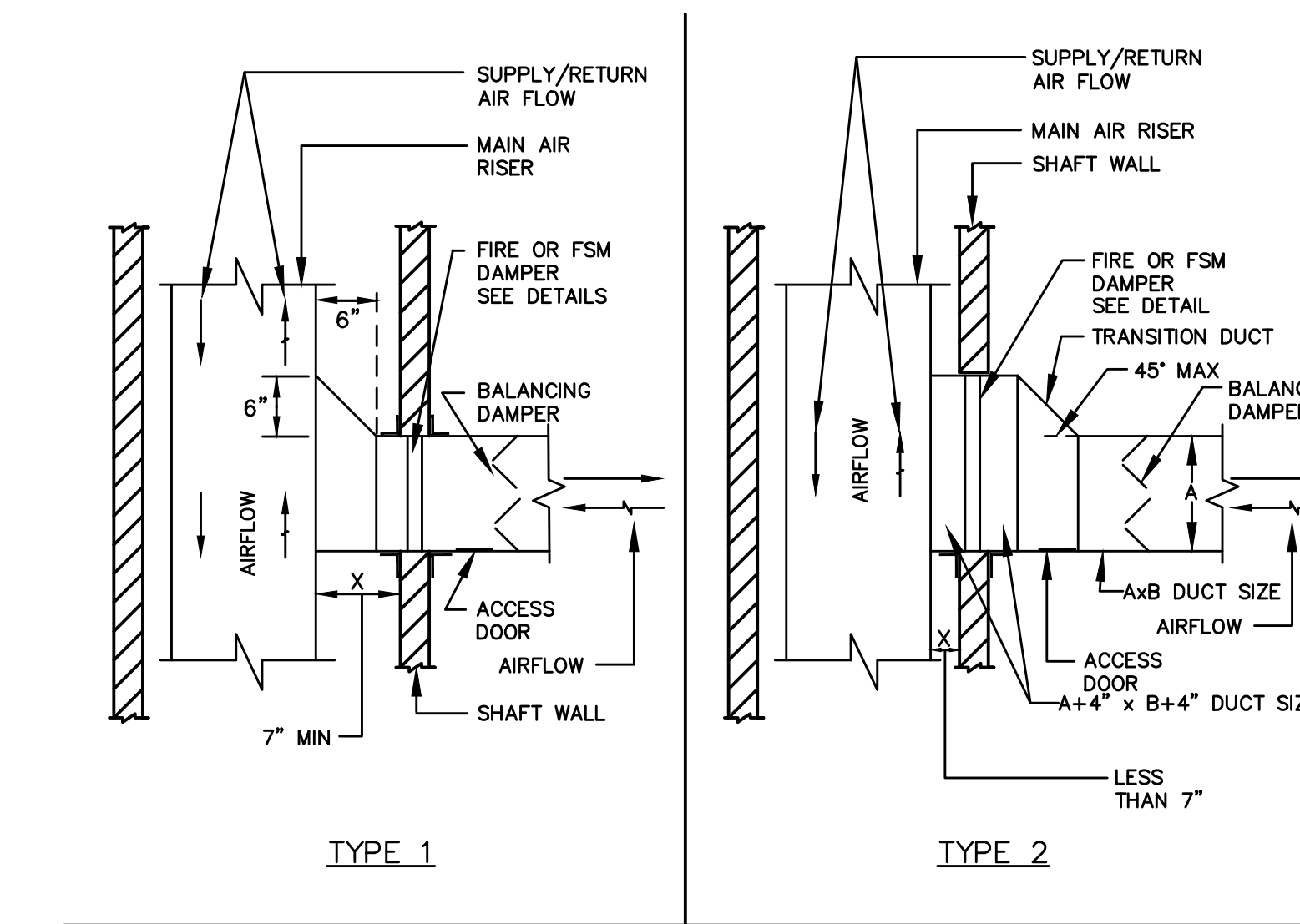
VOLUME CONTROL DAMPER

FOR NON ACCESSIBLE CEILING ONLY
NOT TO SCALE



TRANSFER (JUMPER) DUCT TYPES

NOT TO SCALE



NOTES:

- FOR UPWARD SUPPLY OR DOWNWARD RETURN AIR FLOW, REVERSE DIRECTION OF FLARE TRANSITION.
- USE TYPE 1 IF "X" DIMENSION IS 7" OR GREATER.
- USE TYPE 2 IF "X" DIMENSION IS LESS THAN 7".
- FOR ROUND DUCTWORK-USE CONCENTRIC CONICAL CONNECTION FITTING.

FLARE TRANSITION FOR CONNECTION OF DUCT BRANCHES TO DUCT RISER THRU RATED WALLS

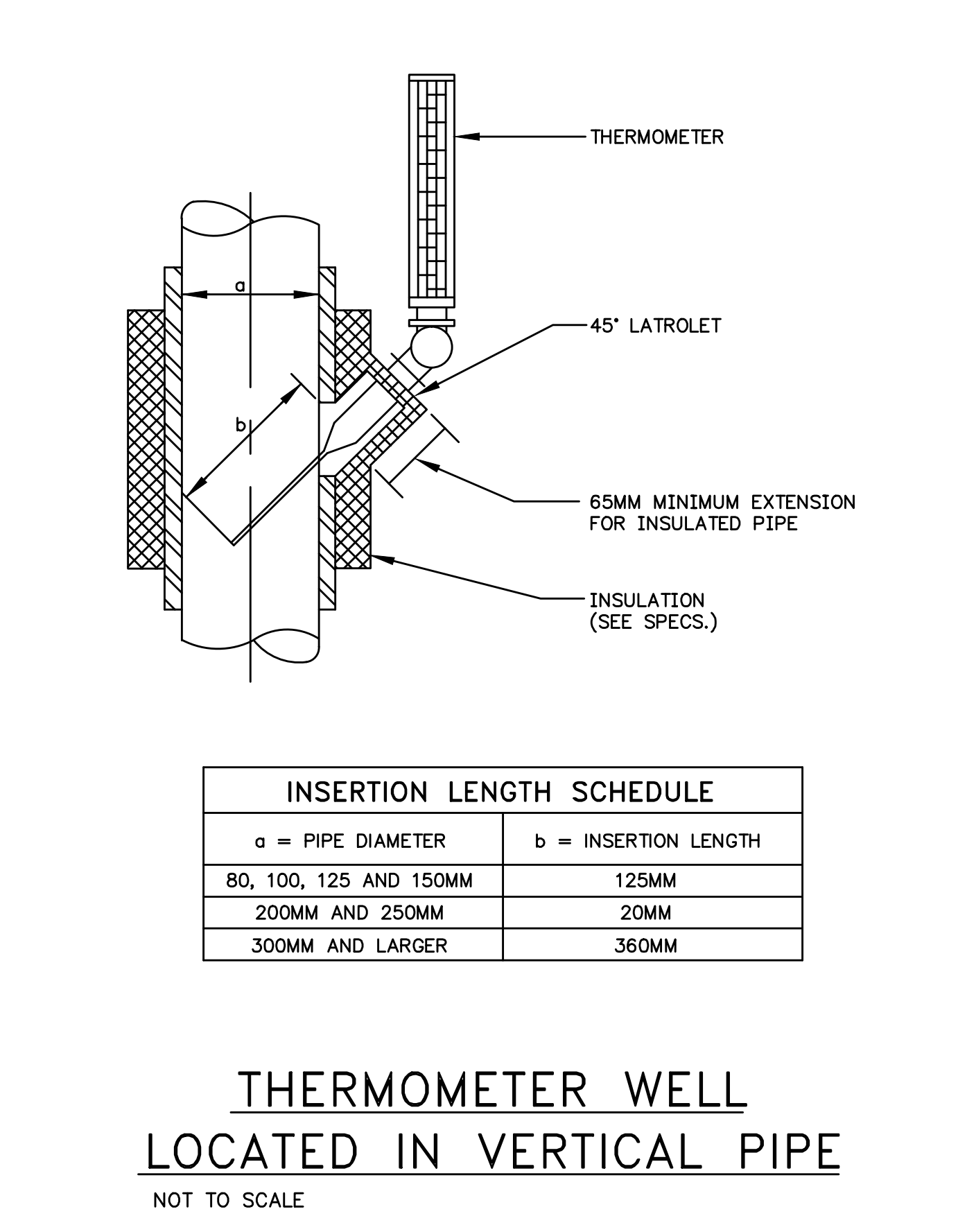
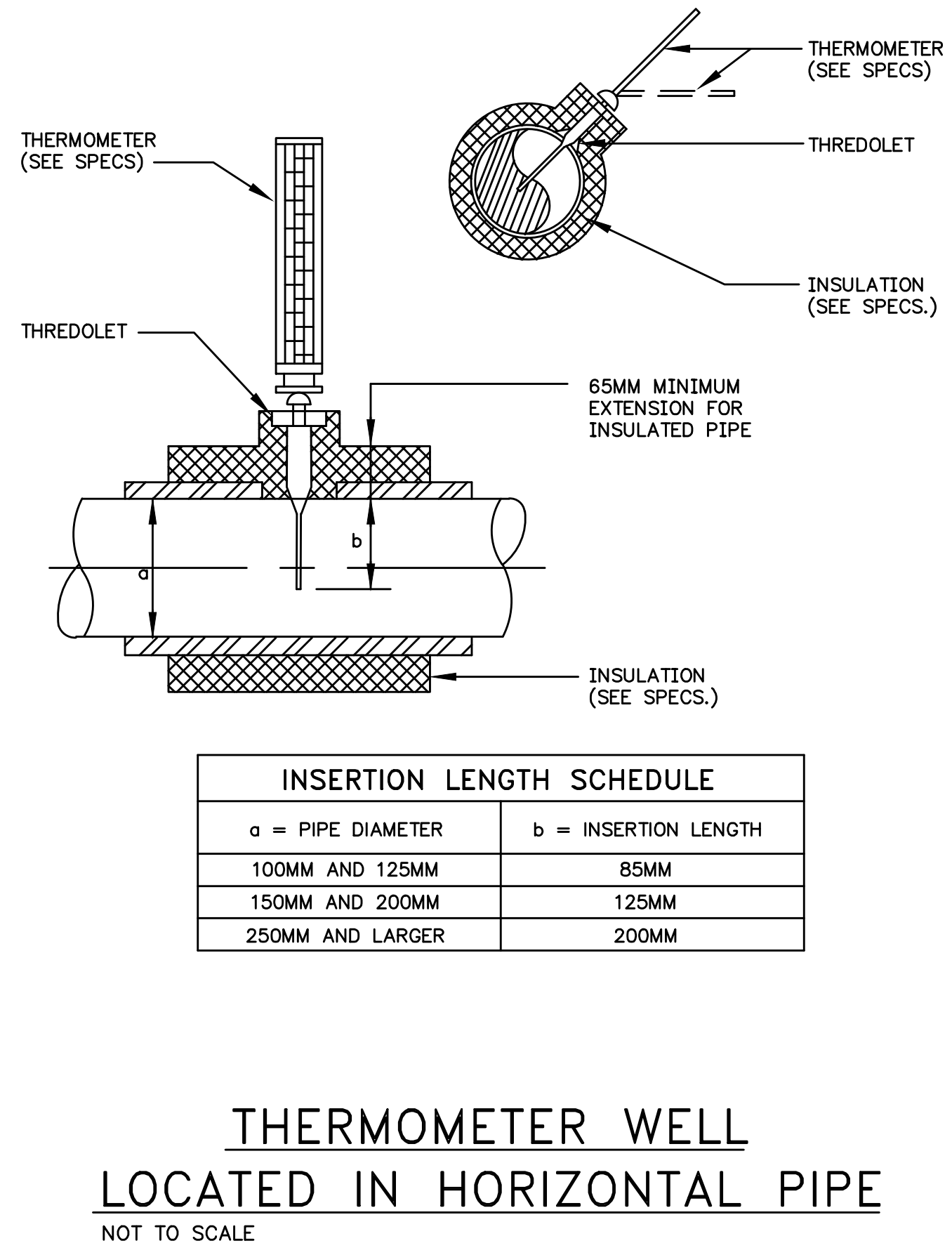
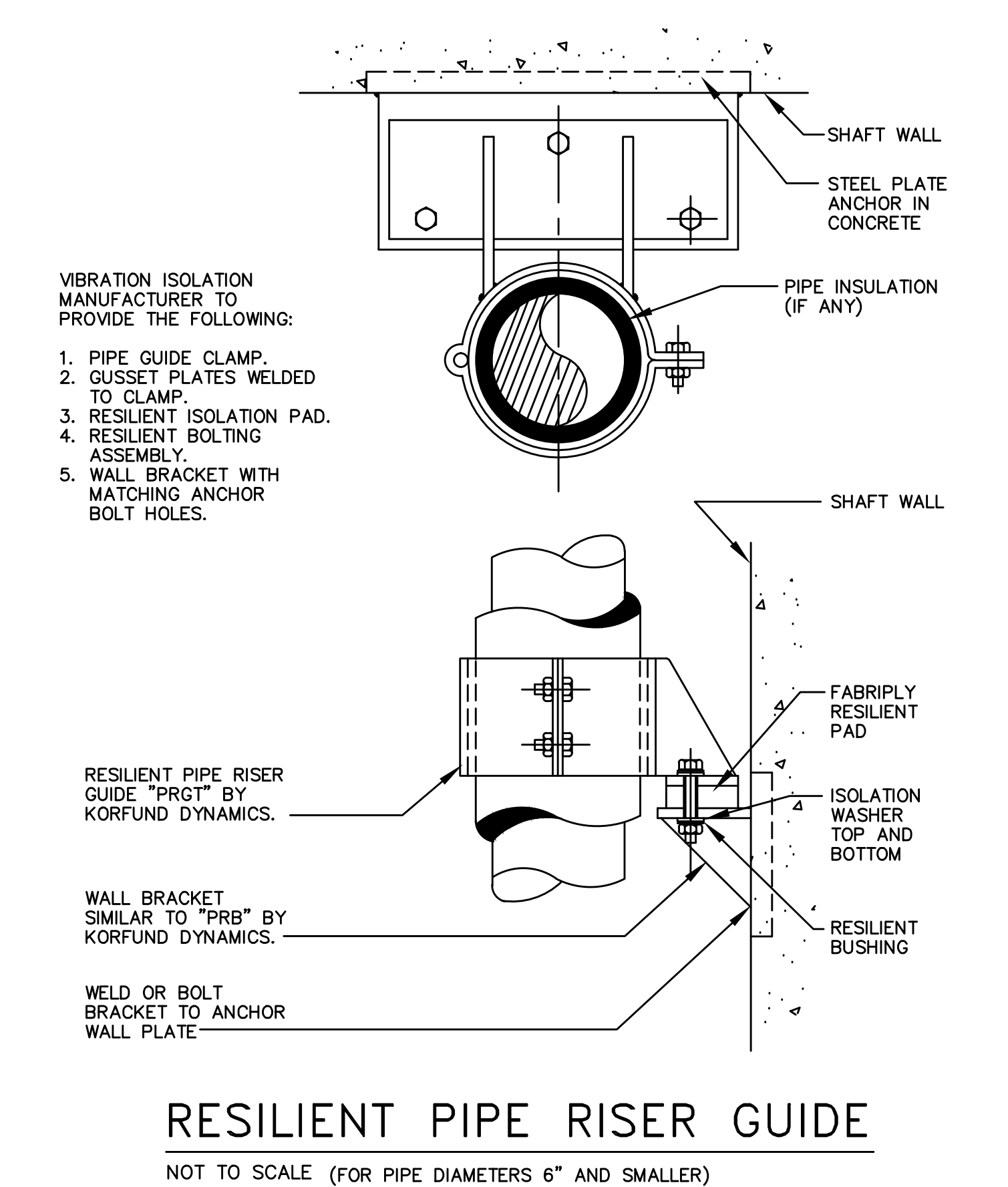
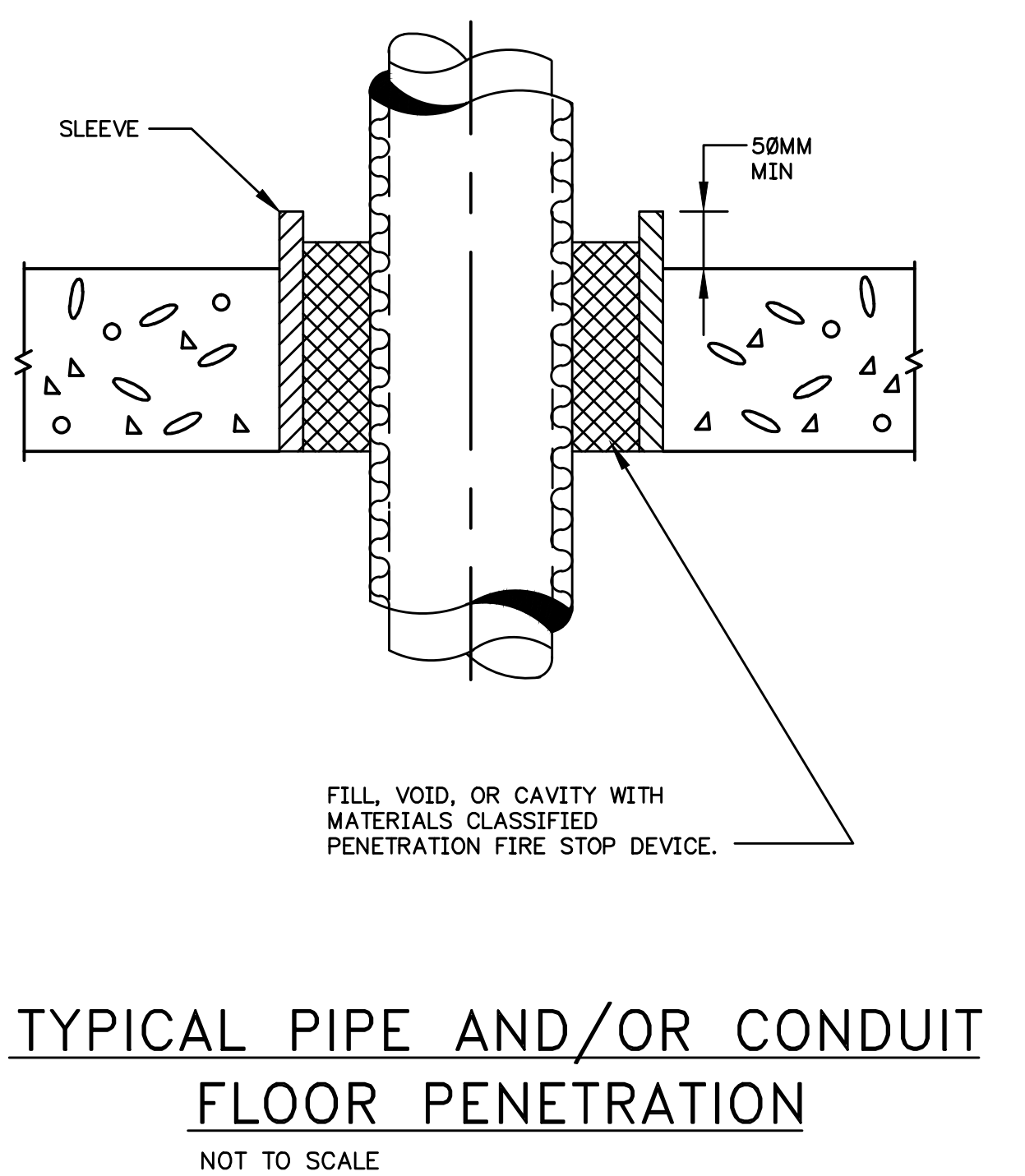
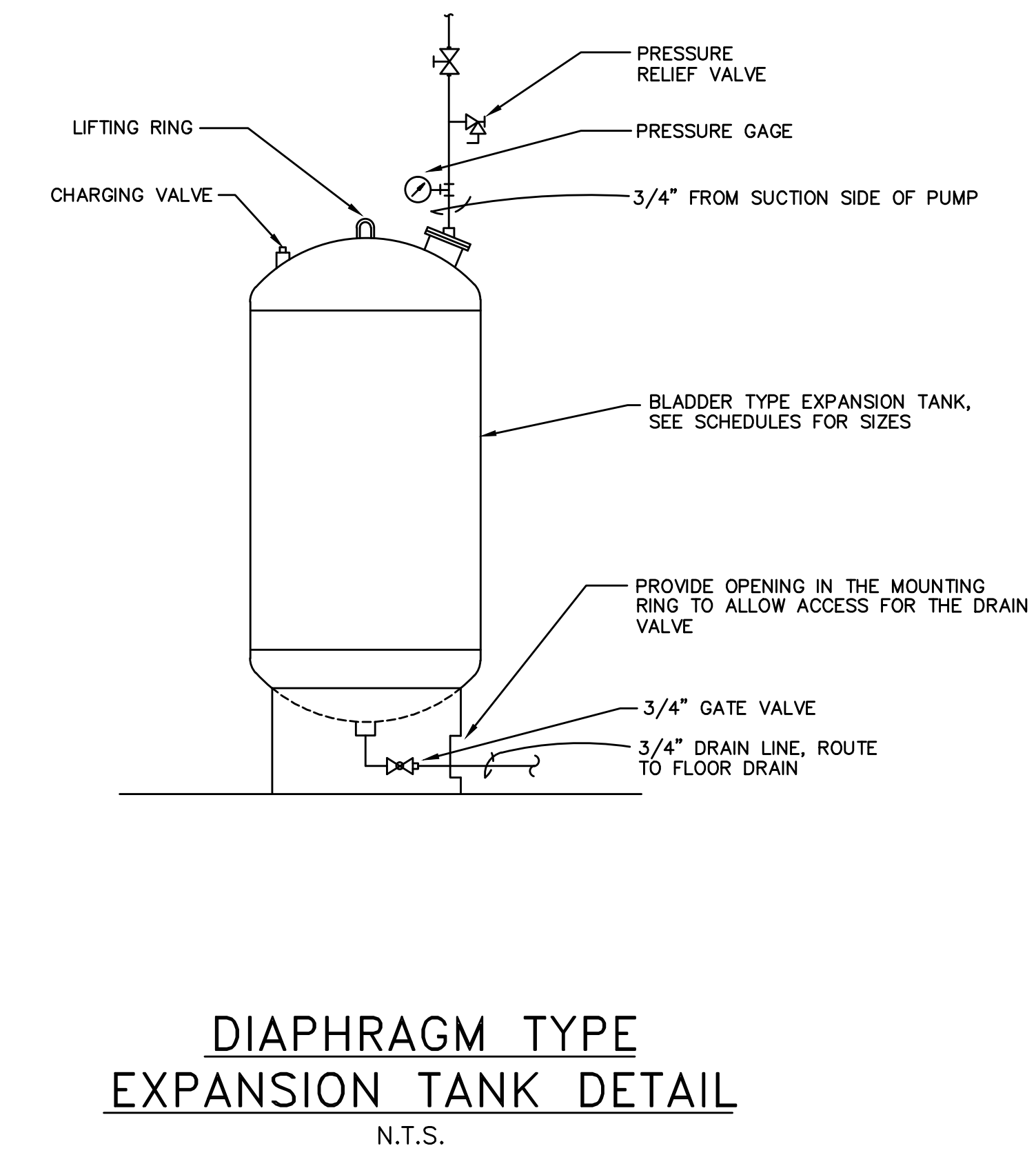
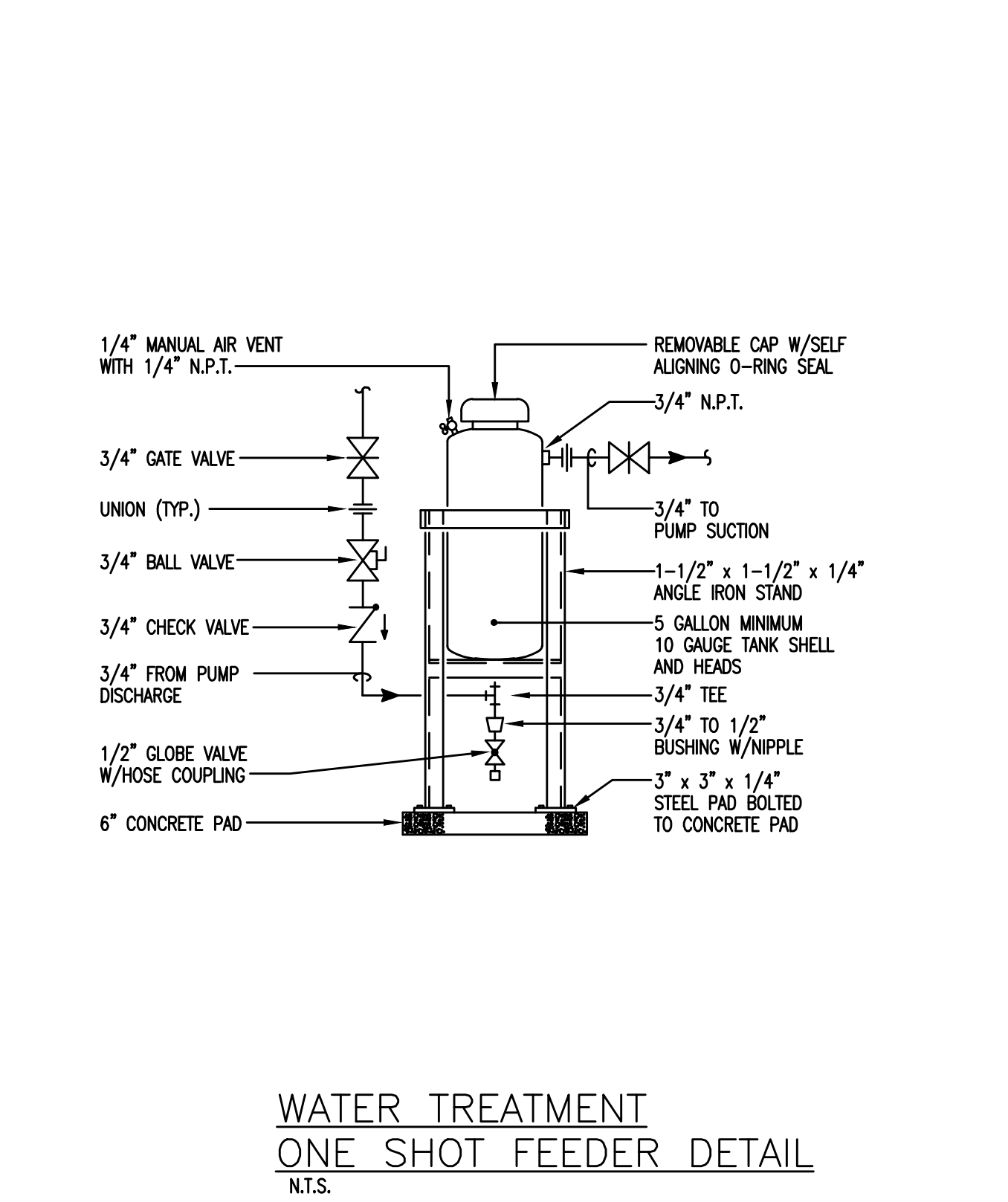
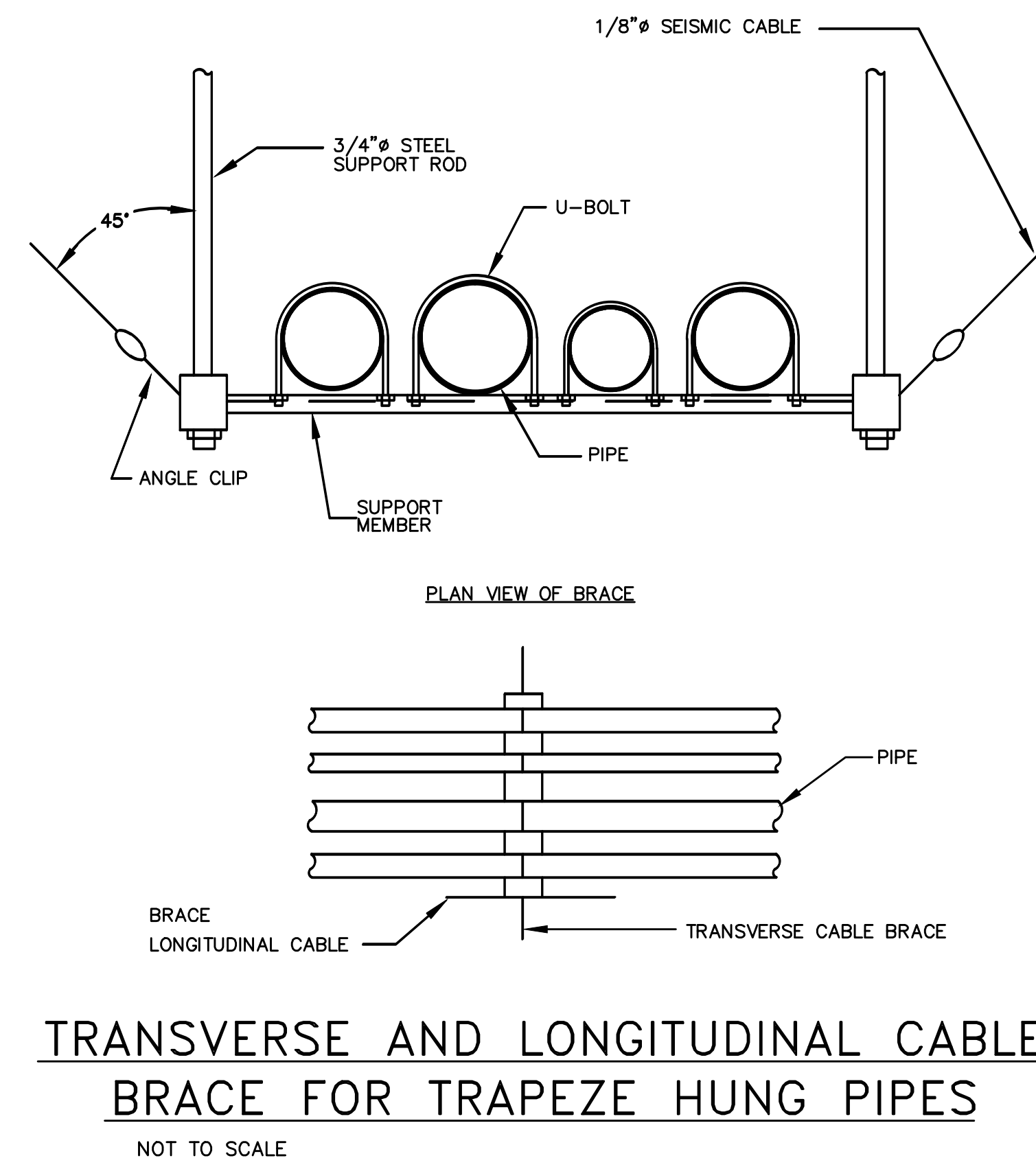
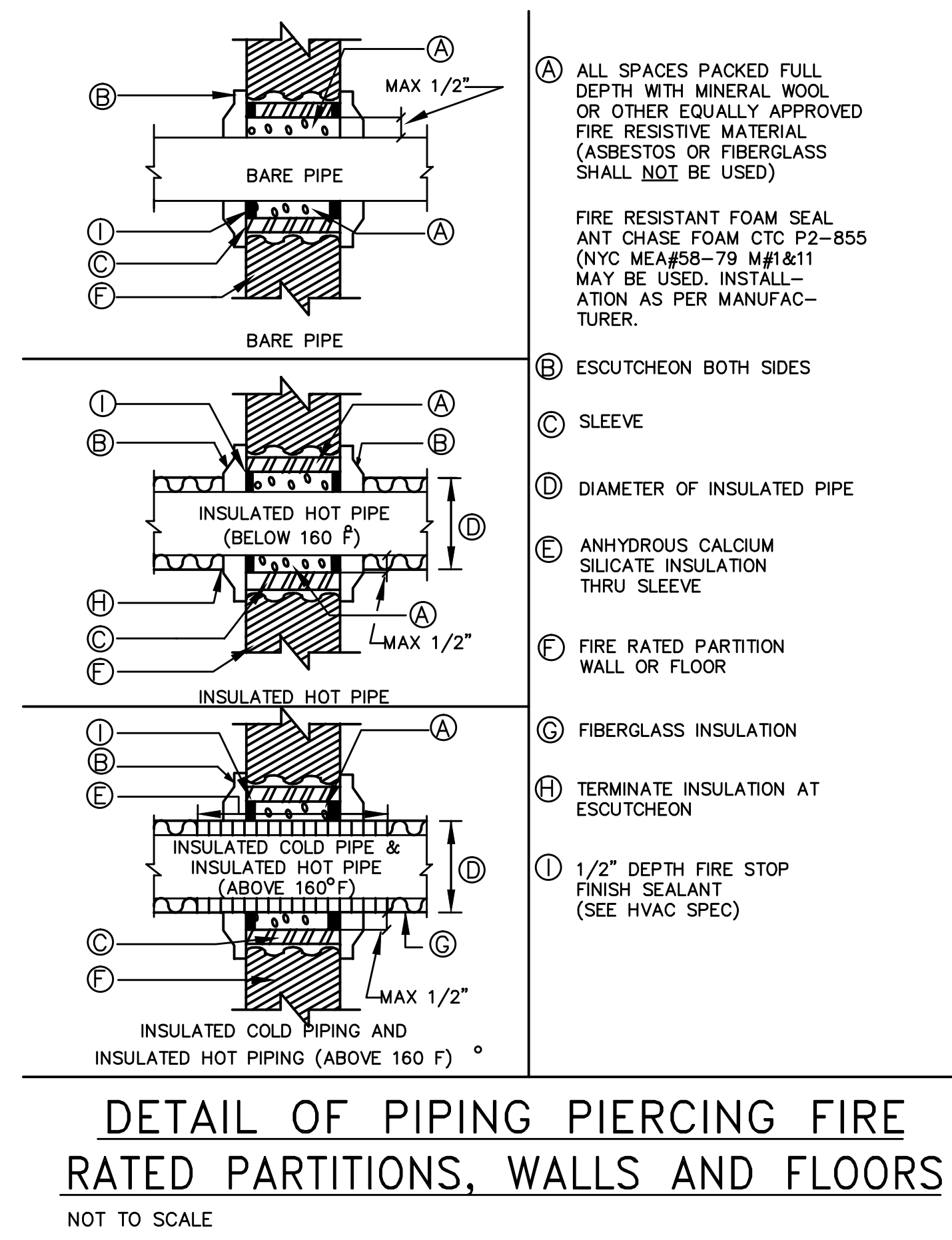
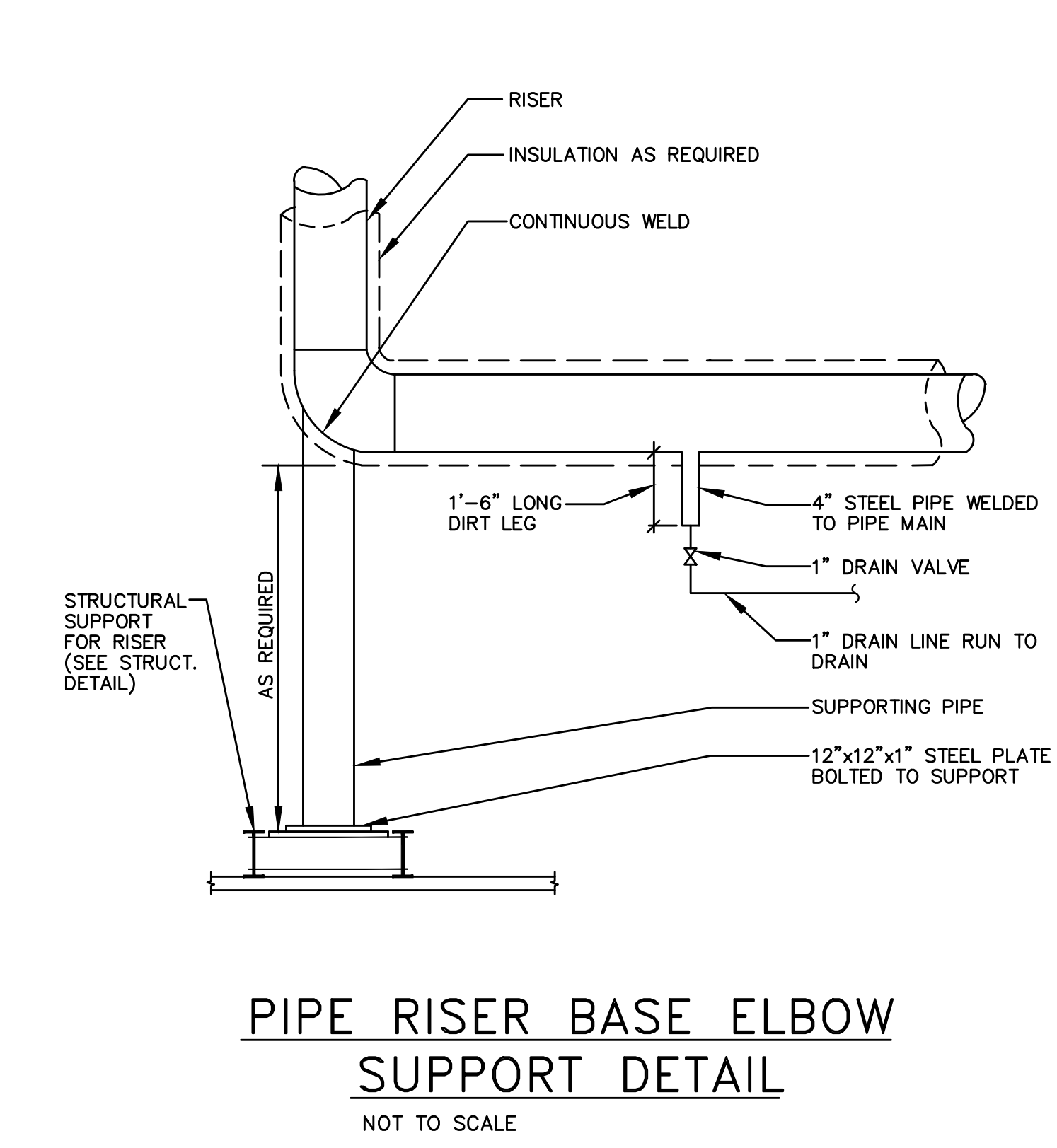
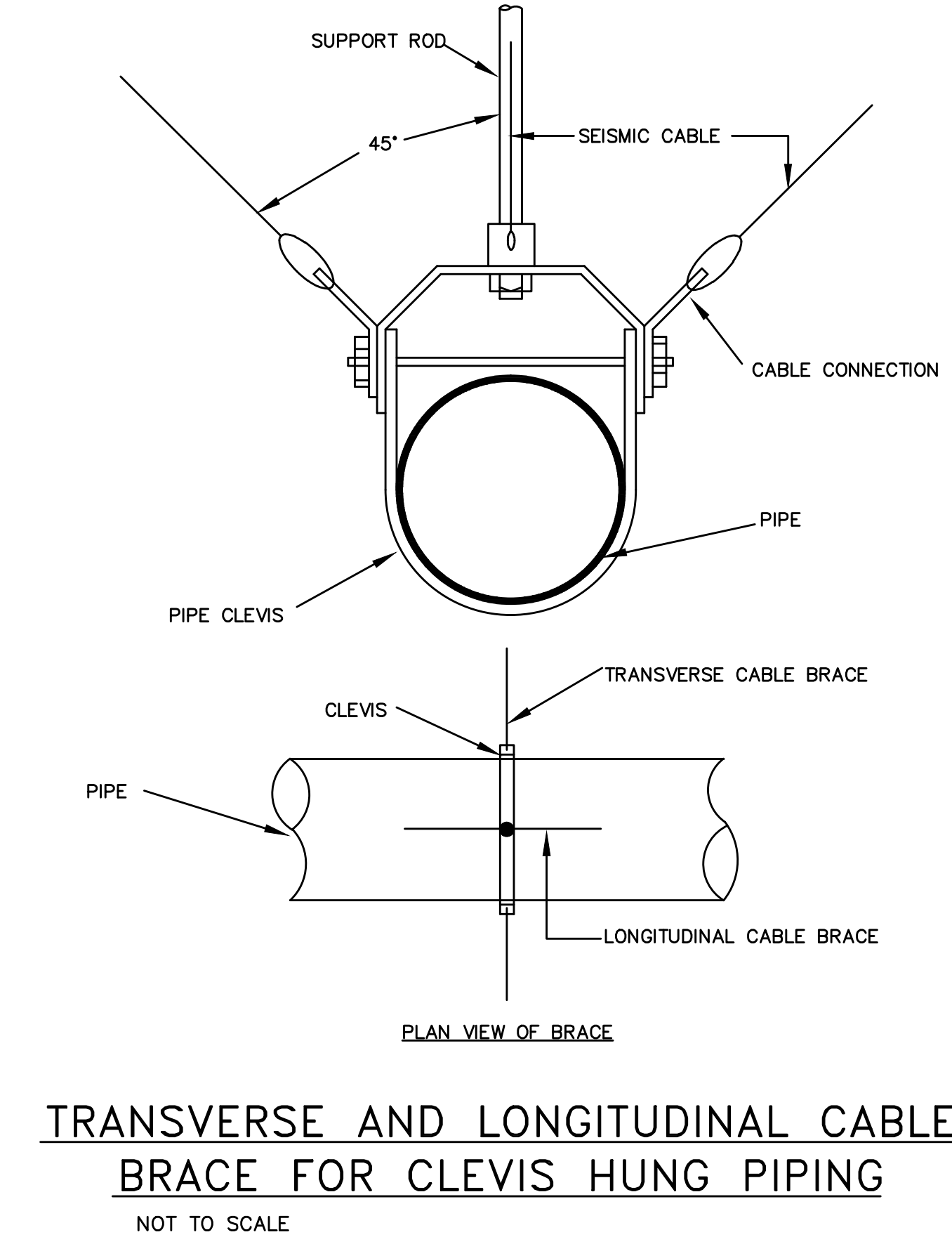
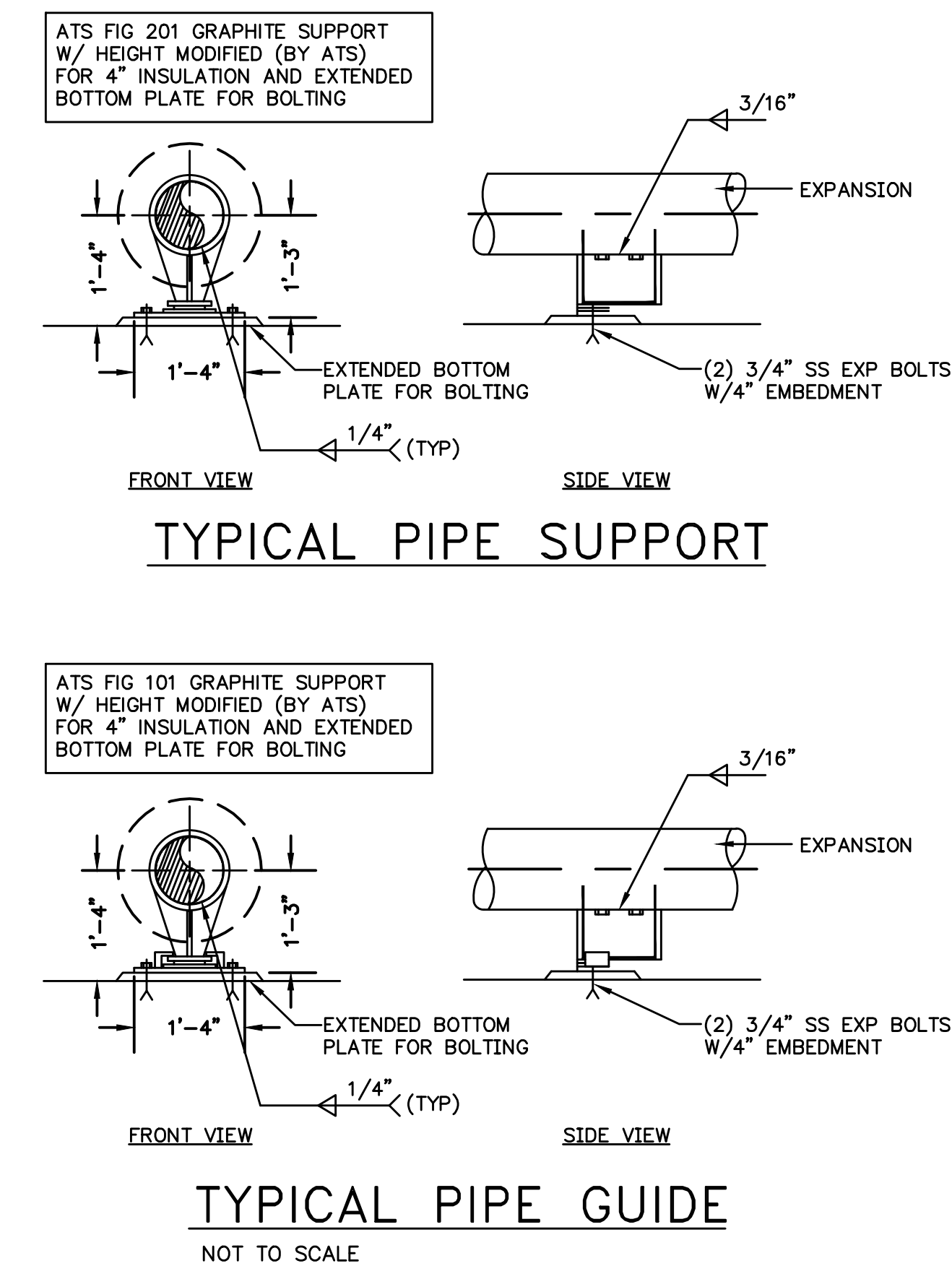
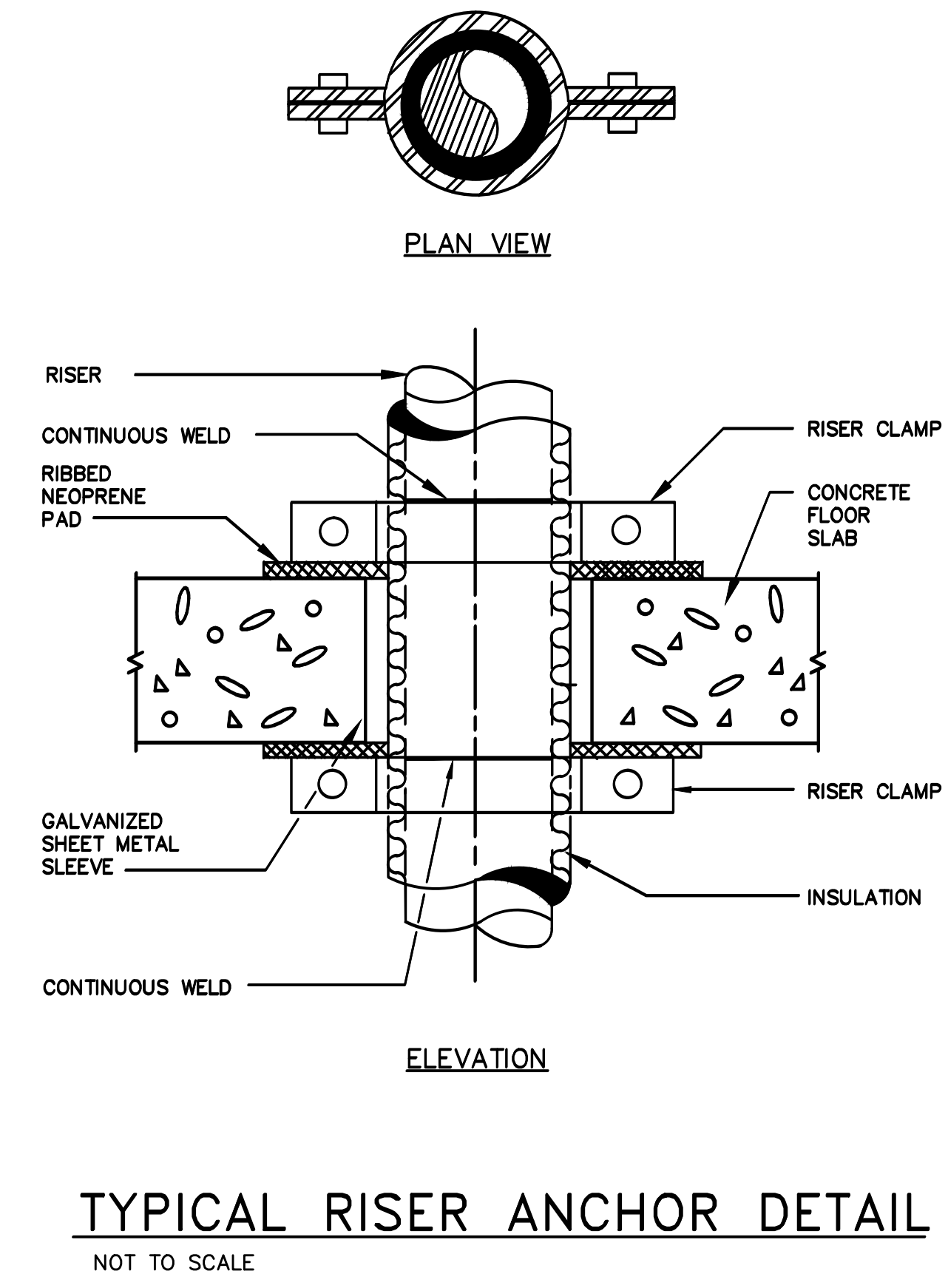
NOT TO SCALE (TYPICAL FOR ALL BRANCHES)

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44-30 PURVES STREET, QUEENS, NY

MECHANICAL DETAILS

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44-30 PURVES STREET, QUEENS, NY

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MECHANICAL DETAILS

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Drawn: SK
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Date: 05/30/14

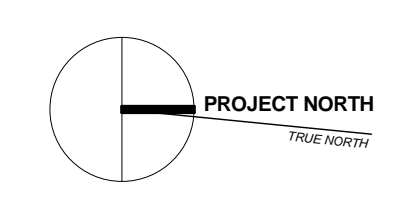
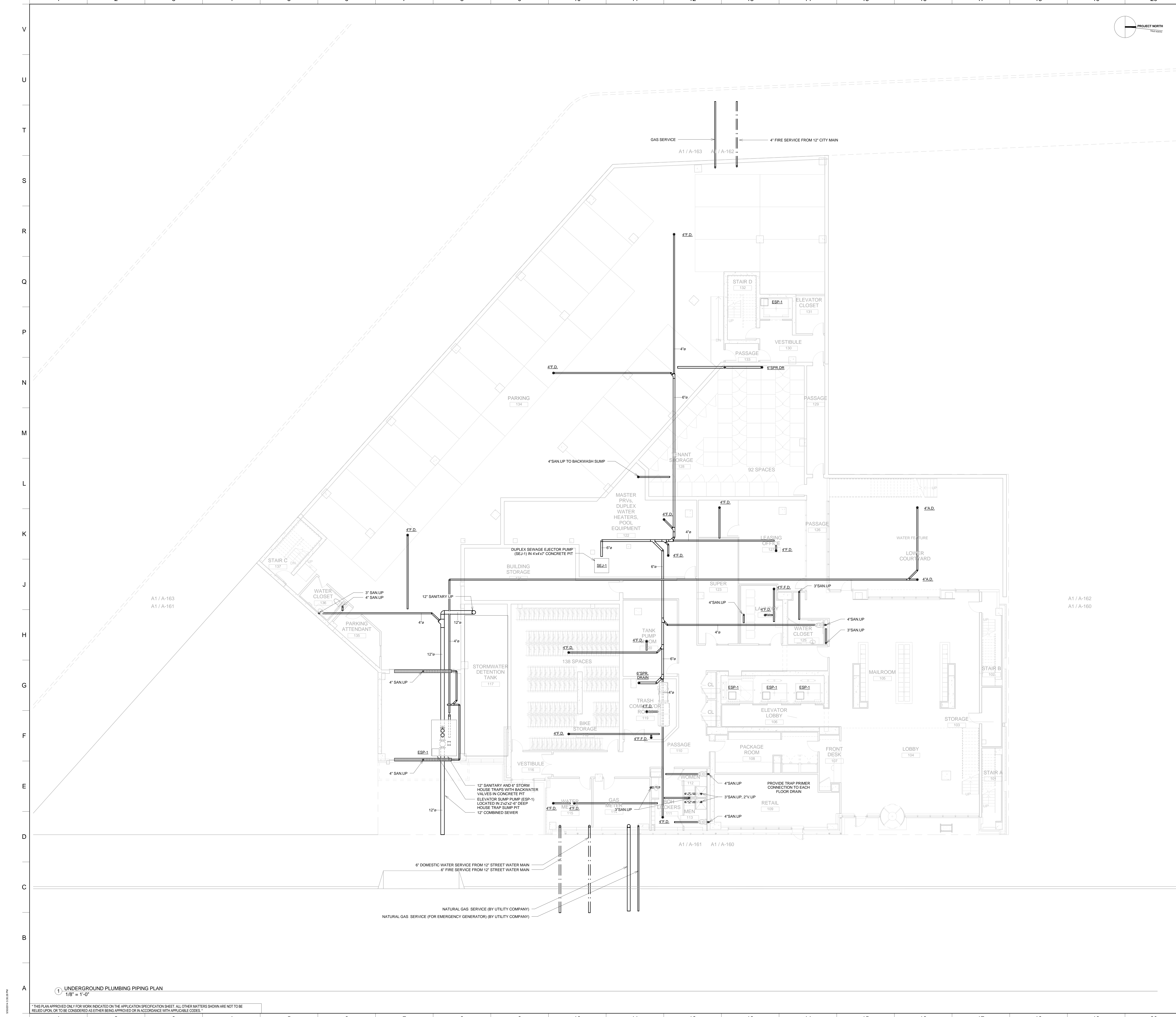
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M-602

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1 UNDERGROUND PLUMBING PIPING PLAN
1/8" = 1'-0"

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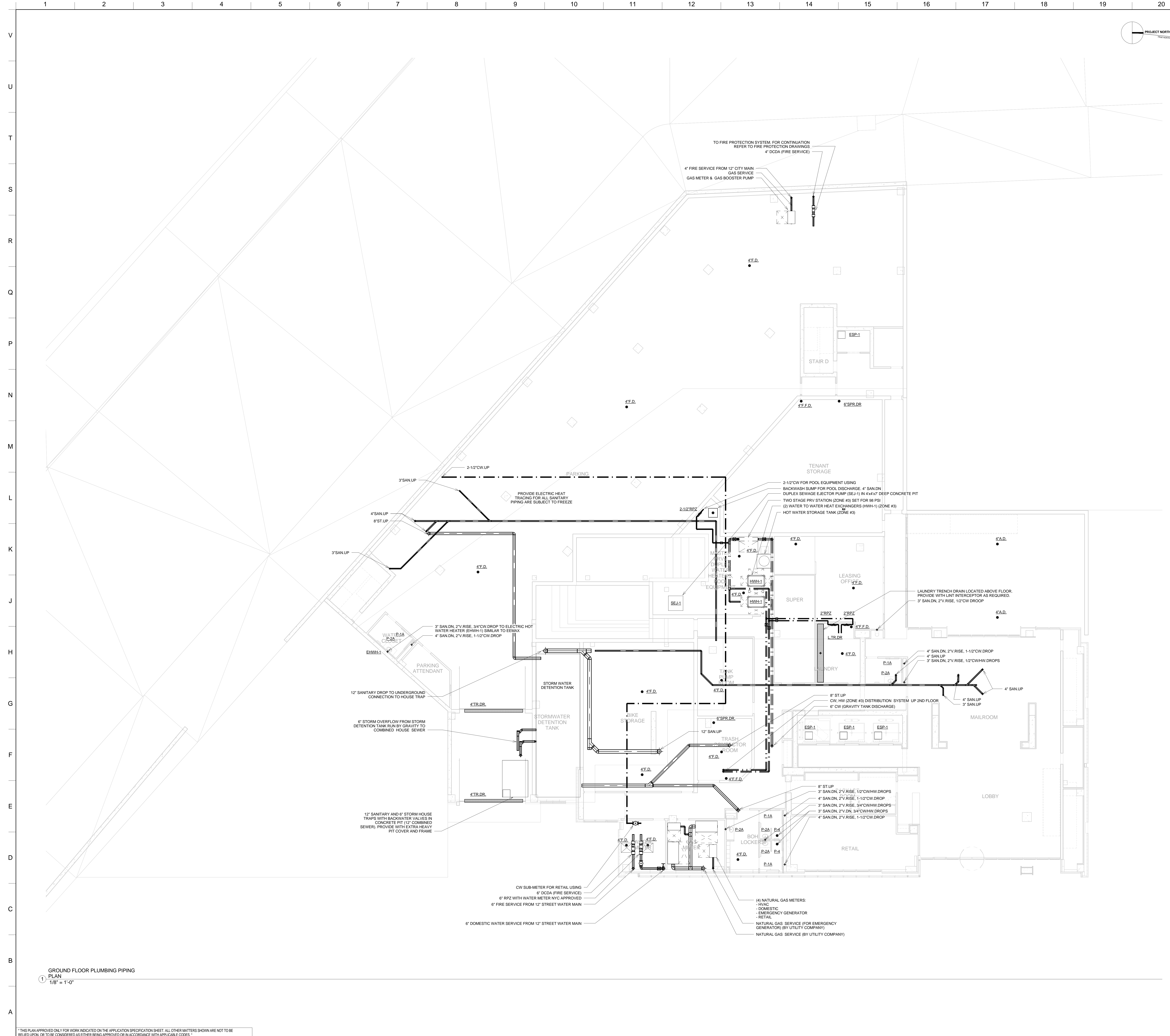
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	Checked: SD	Coord. File:	
	Reviewed: IB	Drawn No.:	
	Date: 05/30/14	Scale:	1/8" = 1'-0"
			P-200



GROUND FLOOR PLUMBING PIPING
 PLAN
 1/8" = 1'-0"

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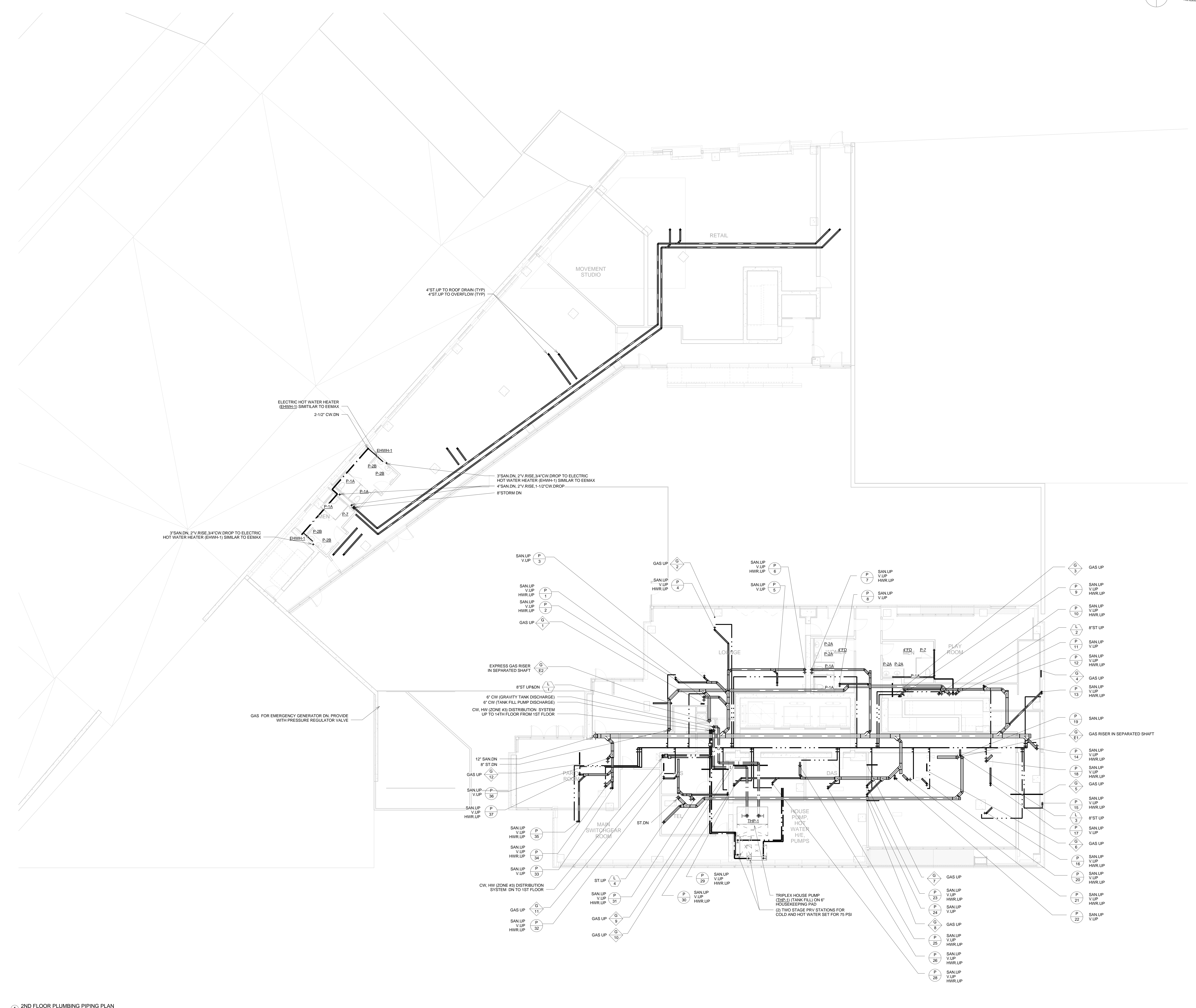
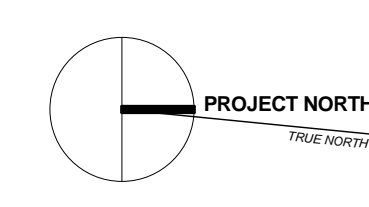
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 44-30 PURVES STREET, QUEENS, NY

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	Reviewed: IB	Drawing No.:
	Date: 05/30/14	
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P-201

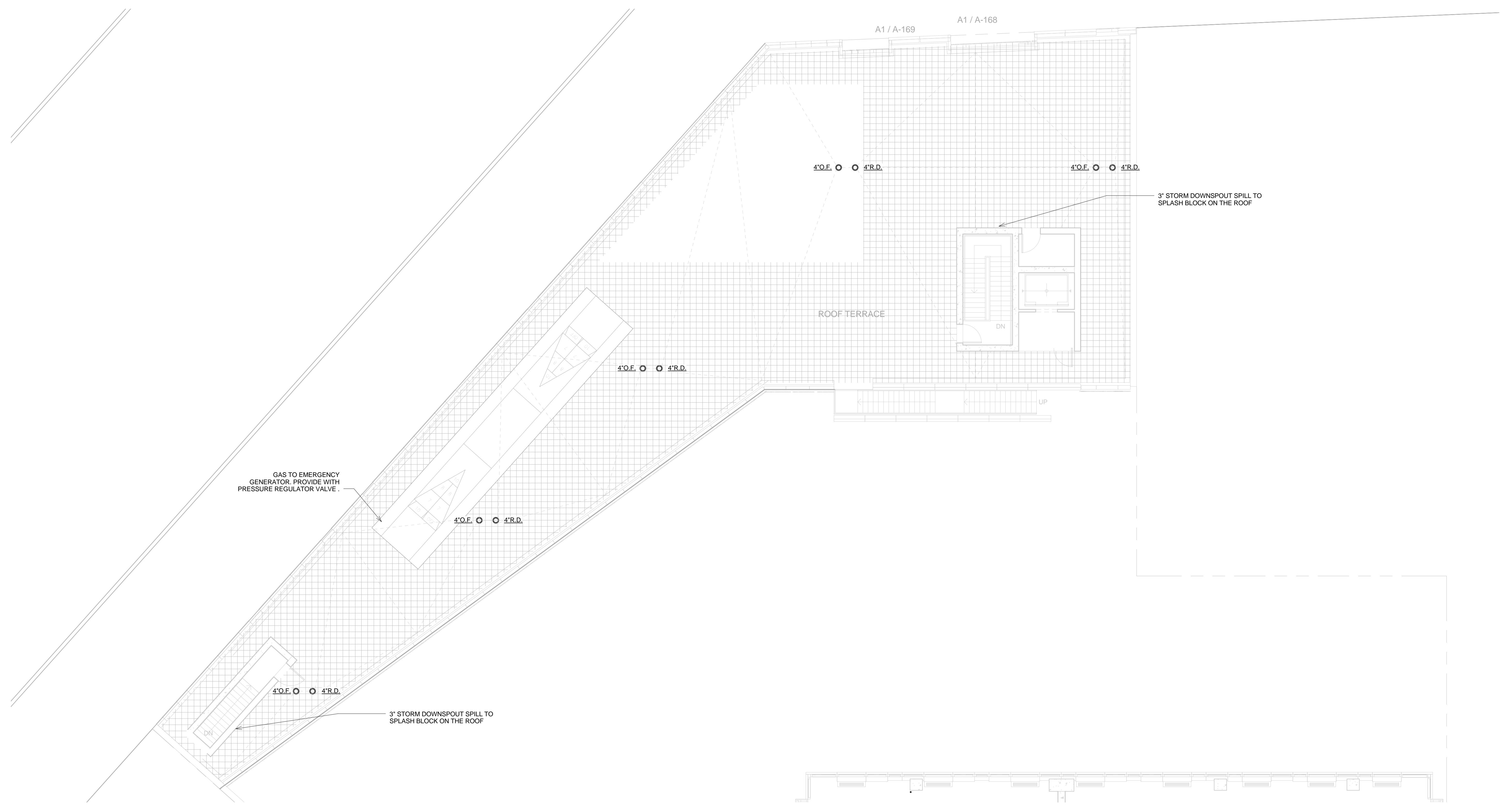
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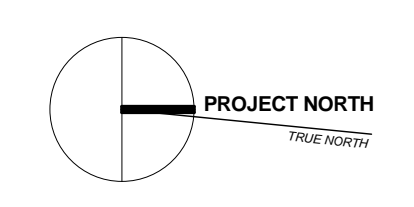
1 2ND FLOOR PLUMBING PIPING PLAN
1/8" = 1'-0"

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P-202	

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AMENITY ROOF 1 PLUMBING PIPING
 PLAN
 1
 1/8" = 1'-0"



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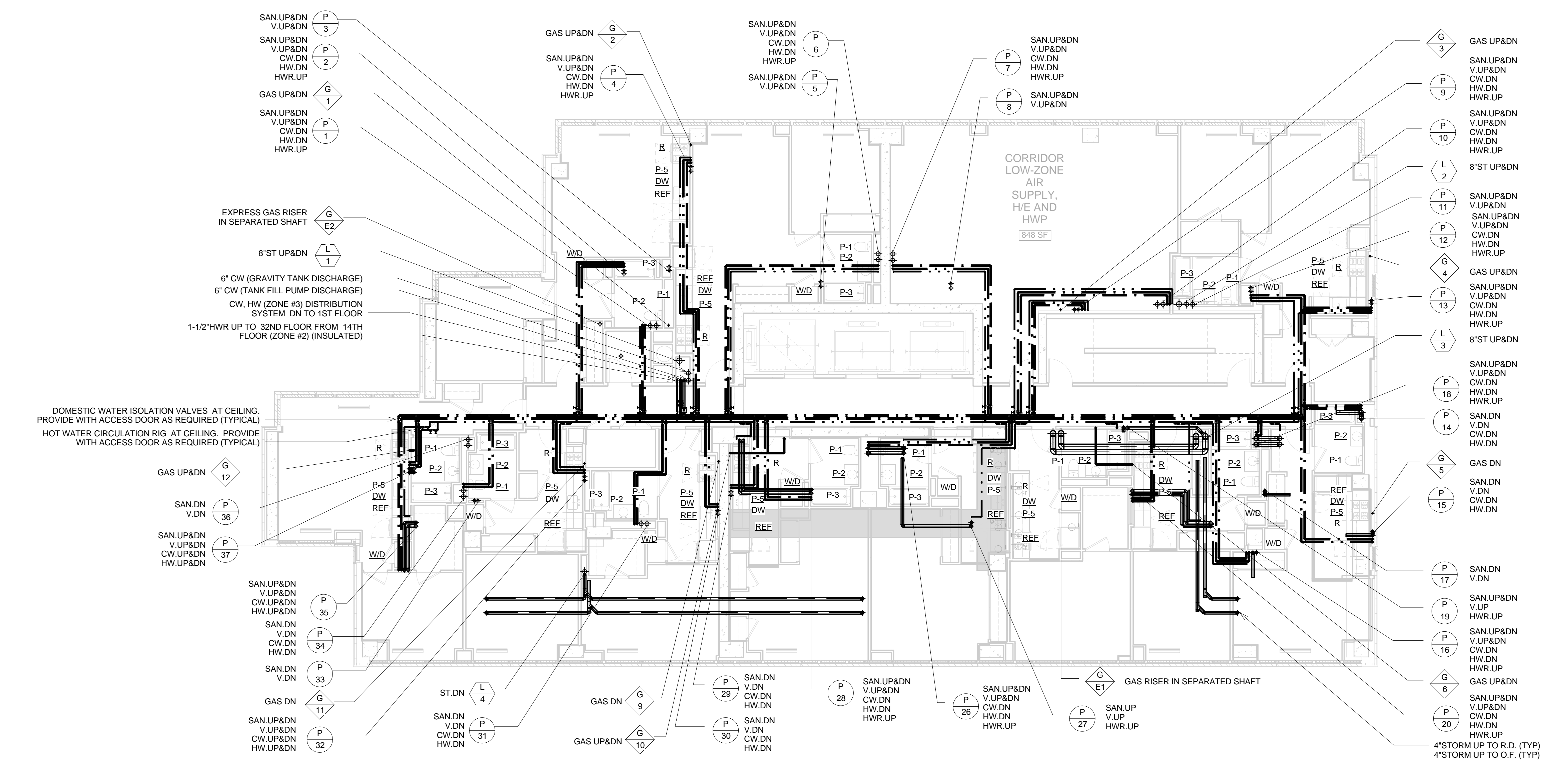
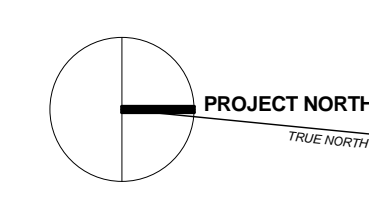
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**AMENITY BUILDING ROOF
 PLUMBING PIPING PLAN**

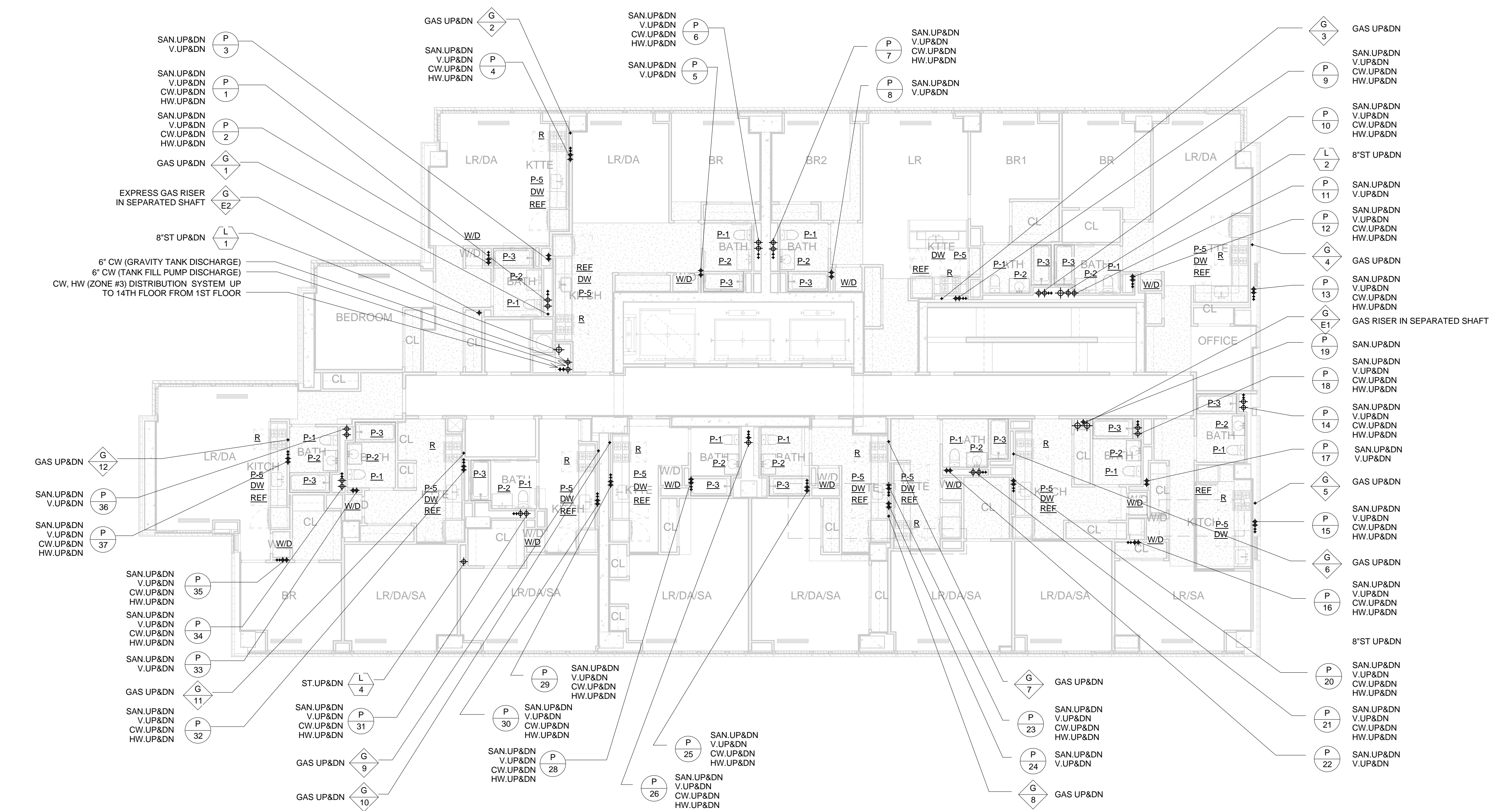
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Project No.: 13072.L00	Coord File:	Drawing No.:		

P-203

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② 14TH FLOOR PLUMBING PIPING PLAN
1/8" = 1'-0"



① 3RD - 13TH FLOOR PLUMBING PIPING PLAN
1/8" = 1'-0"

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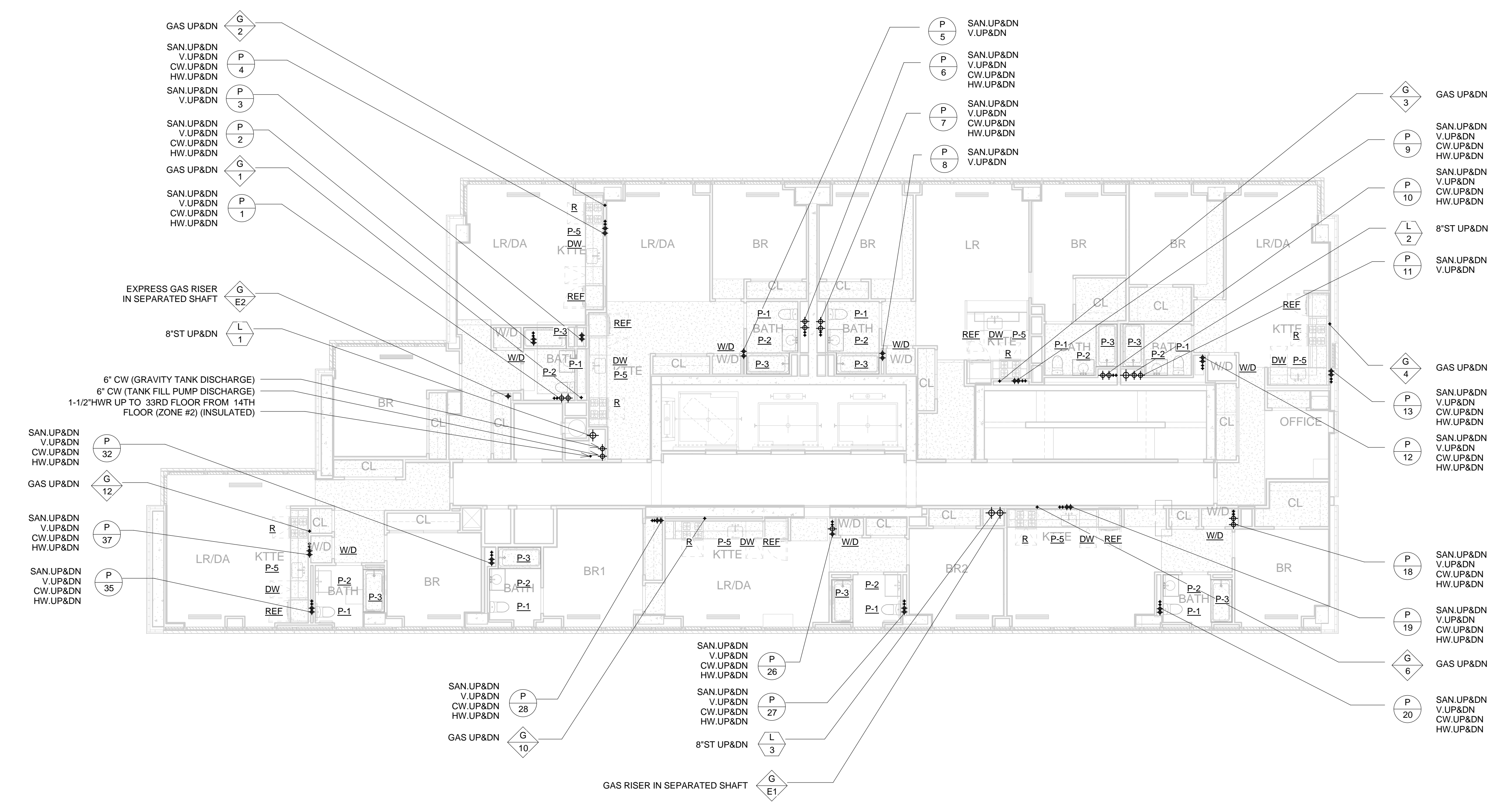
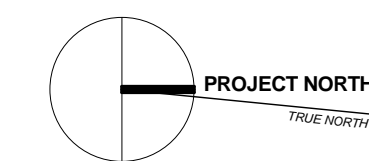
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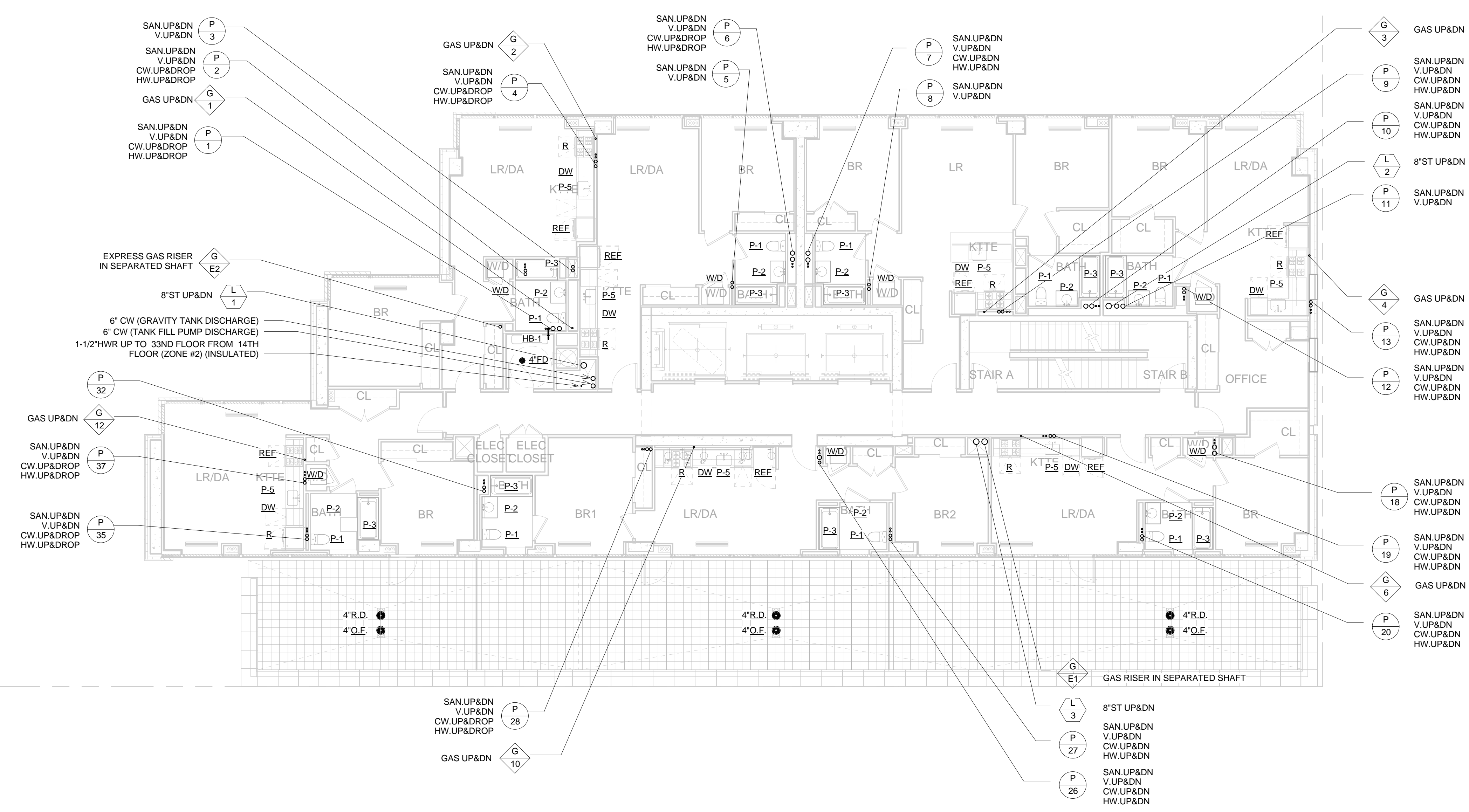
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44-30 PURVES STREET, QUEENS, NY
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3RD - 14TH FLOOR PLUMBING PIPING PLANS

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Reviewed: IB	Drawing No.: P-204
Date: 05/30/14	Scale: 1/8" = 1'-0"

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16TH - 25TH & 27TH - 31ST FLOOR
PLUMBING PIPING PLAN
1/8" = 1'-0"



15TH FLOOR PLUMBING PIPING PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
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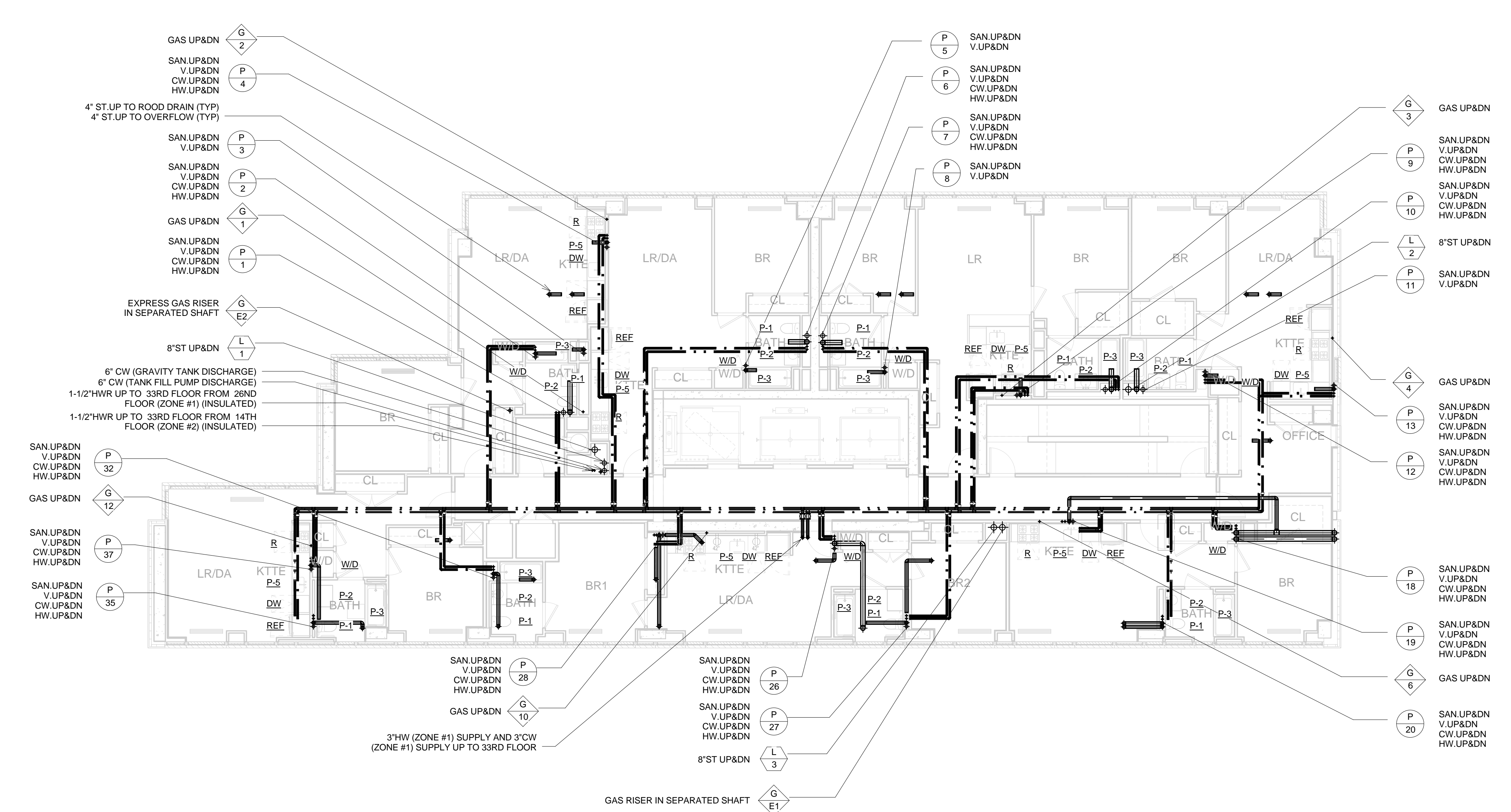
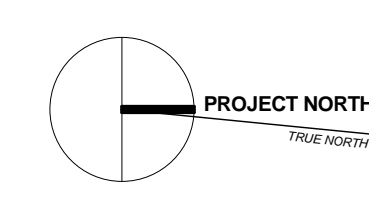
LIC PURVES STREET DEVELOPMENT
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DRAWING TITLE:
**15TH, 16TH-25TH & 27-31ST FLOOR
PLUMBING PIPING PLANS**

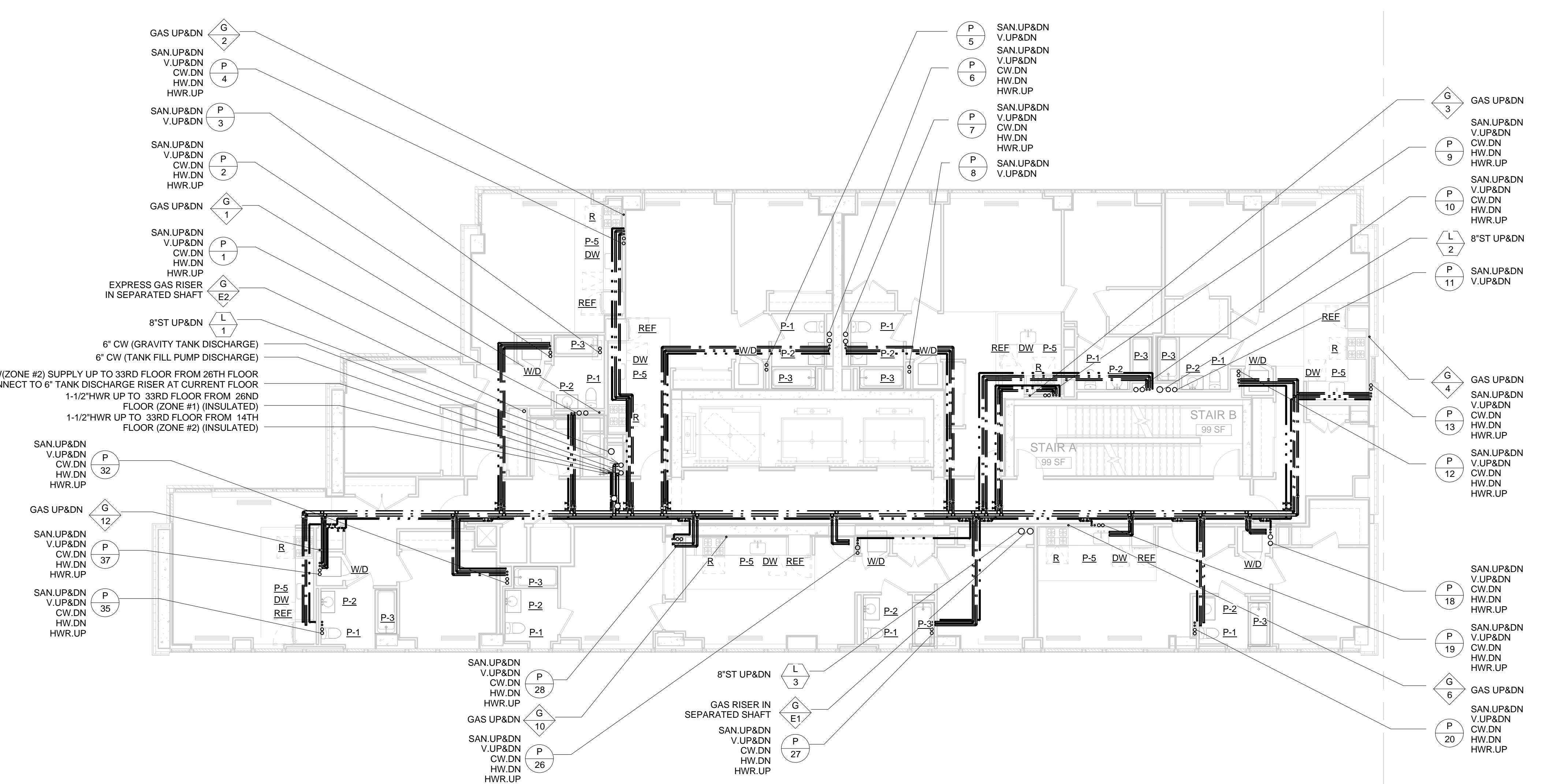
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	Date: 05/30/14	Scale: 1/8" = 1'-0"

P-215

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② 32ND FLOOR PLUMBING PIPING PLAN
1/8" = 1'-0"



① 26TH FLOOR PLUMBING PIPING PLAN
1/8" = 1'-0"

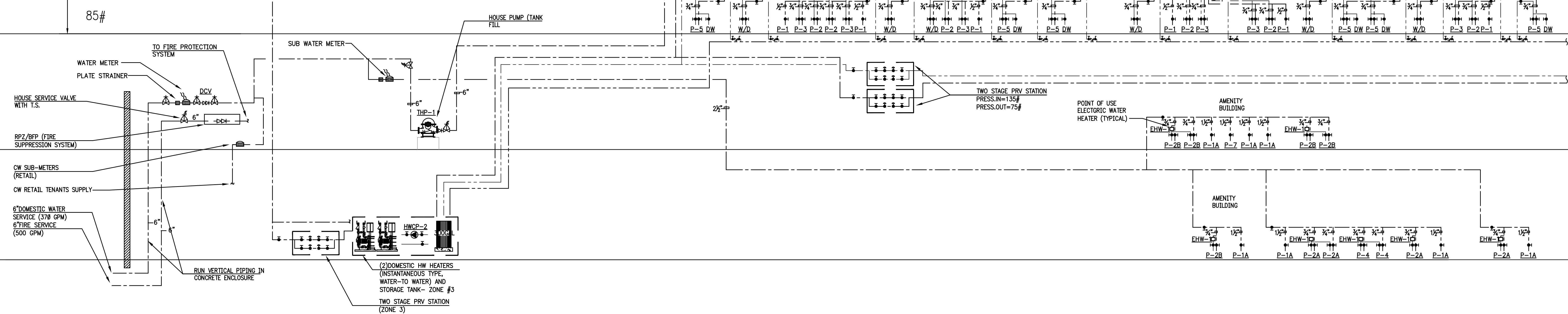
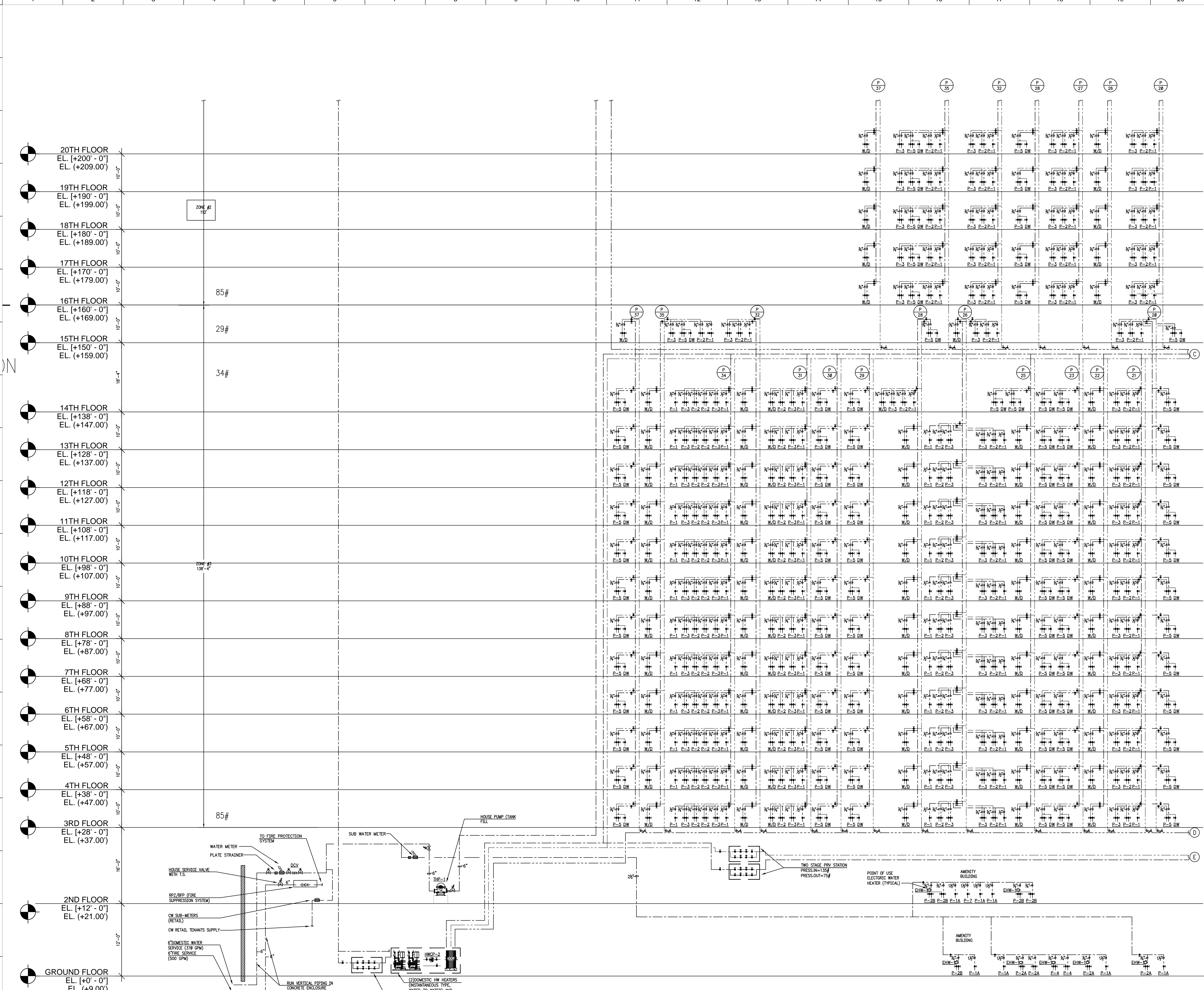
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY
 DRAWING TITLE:
**26TH & 32ND FLOOR
 PLUMBING PIPING PLANS**

Scale:	Drawn:	Project No.:
1/8" = 1'-0"	IV	13072.L00
	Checked:	Coord File:
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	Reviewed:	Drawing No.:
	IB	P-226
	Date:	
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1 PLUMBING DOMESTIC WATER RISER DIAGRAM - SHEET 1 OF 4
NO SCALE

DESIGN DEVELOPMENT 05/30/2014
SCHEMATIC DESIGN 03/14/2014
NO REVISIONS / SUBMISSIONS DATE

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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

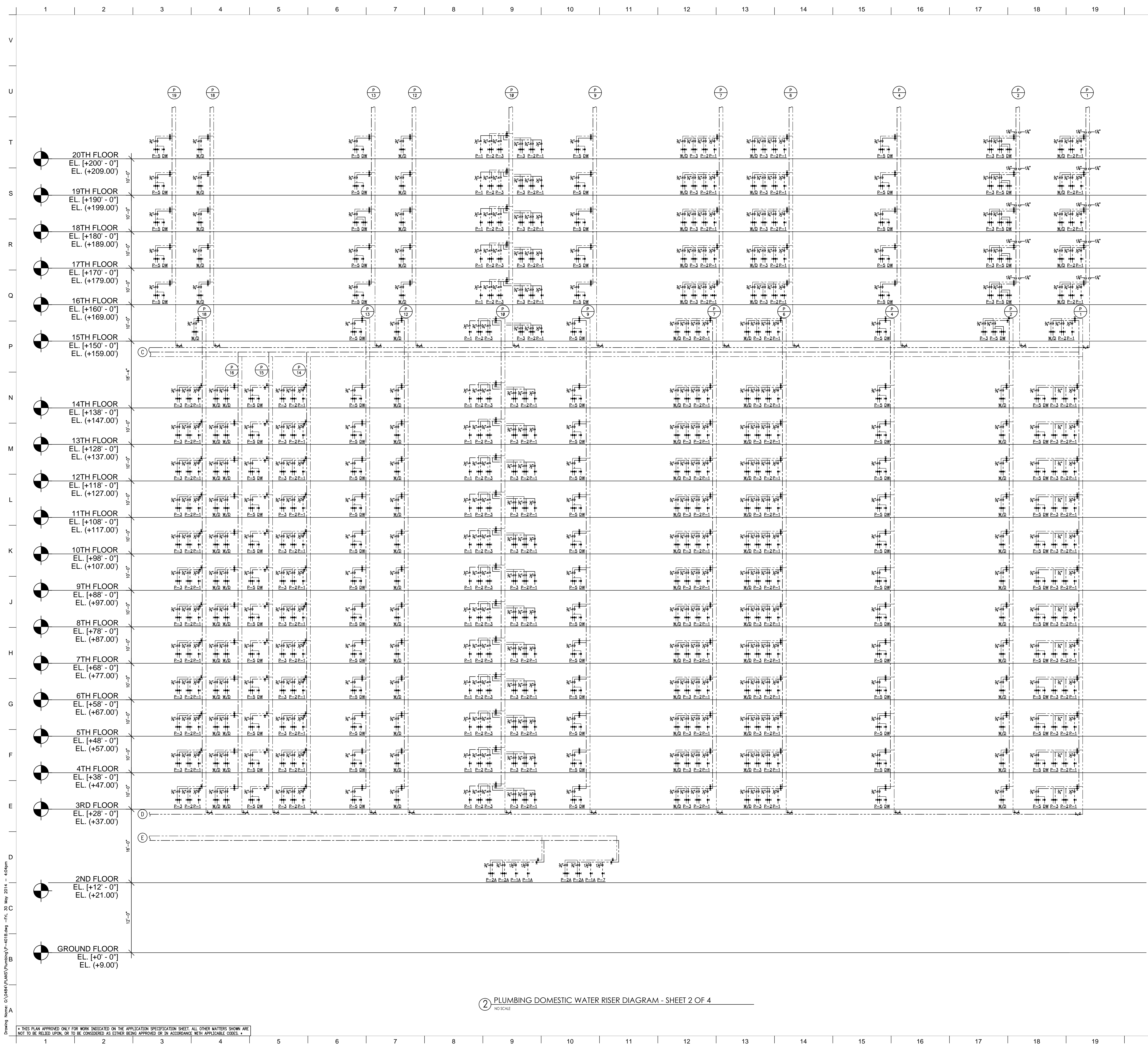
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**PLUMBING DOMESTIC WATER
RISER DIAGRAM SHEET 1 OF 4**

Scale: NO SCALE

Drawn: Project No.:
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Date: 05/30/14
Scale: NO SCALE

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2 PLUMBING DOMESTIC WATER RISER DIAGRAM - SHEET 2 OF 4
NO SCALE

DESIGN DEVELOPMENT	05/30/2014
SCHEMATIC DESIGN	05/14/2014
NO REVISIONS / SUBMISSIONS	DATE

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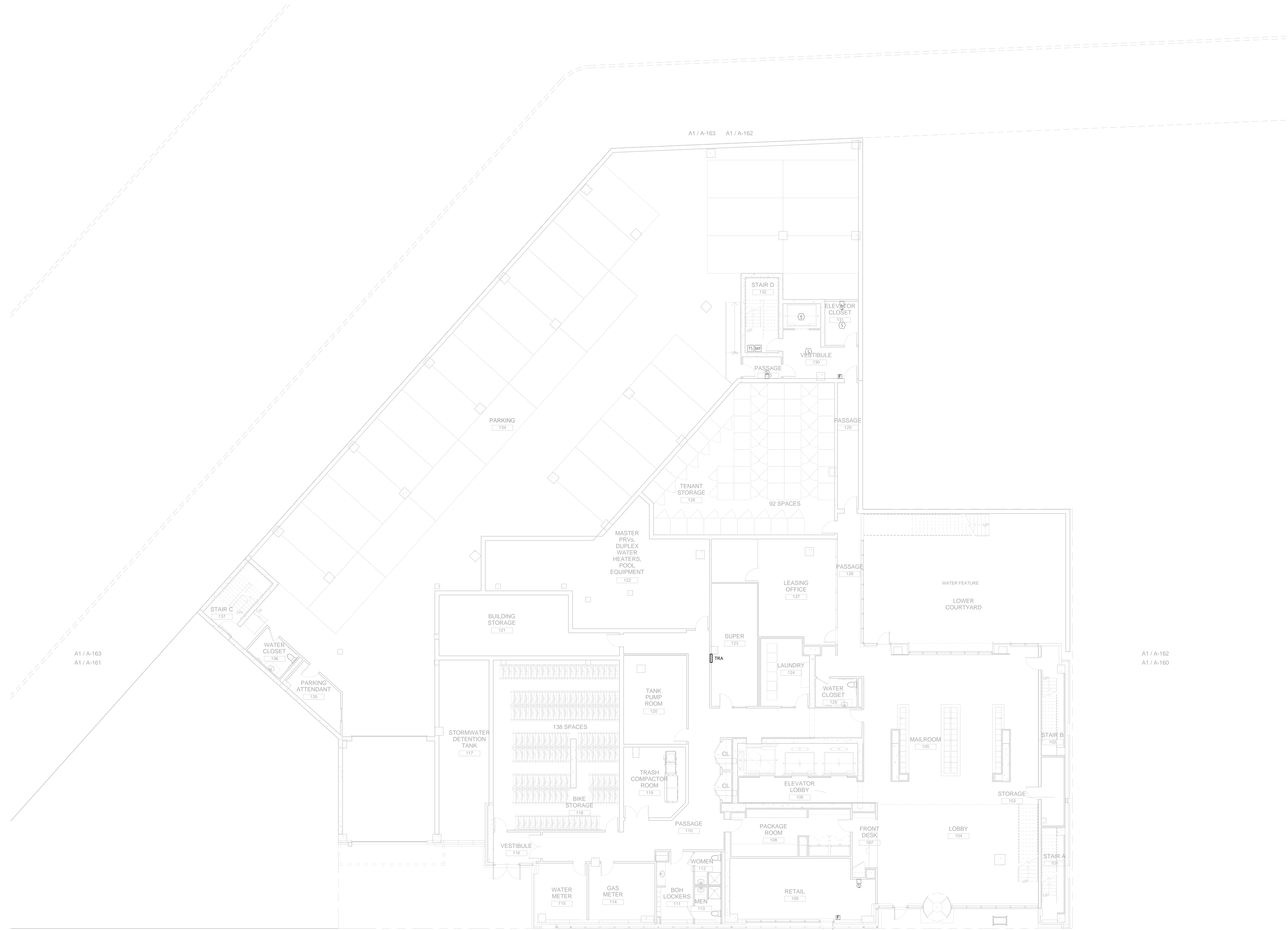
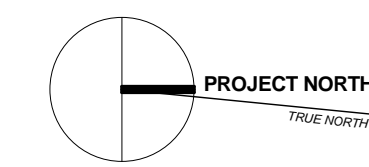
LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
**PLUMBING DOMESTIC WATER
RISER DIAGRAM SHEET 2 OF 4**

Scale:	Drawn:	Project No.:
	IV	13072.L00
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Date:	05/30/14	
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P-401B

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GROUND FLOOR RETAIL FIRE ALARM PLAN
1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014



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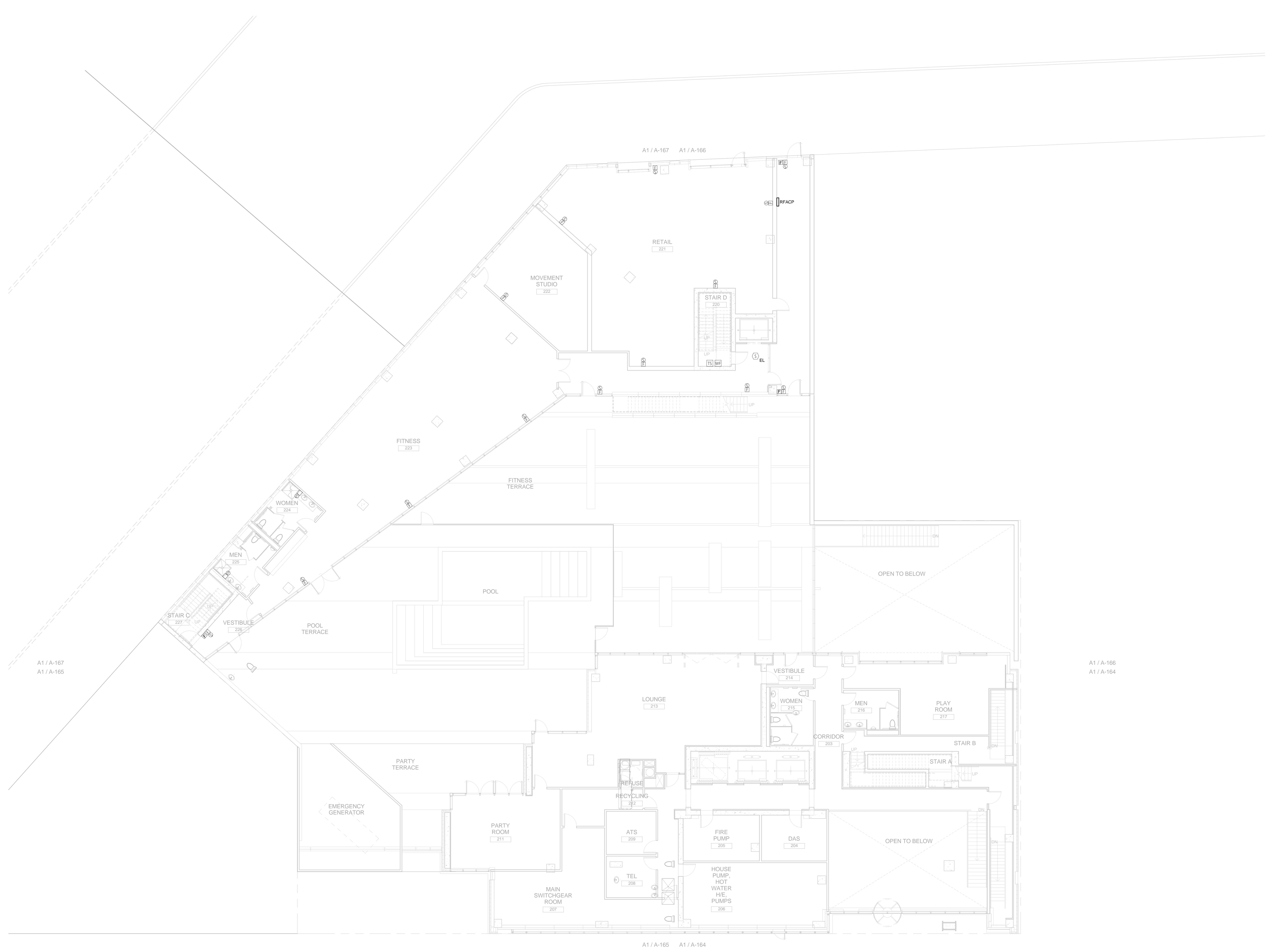
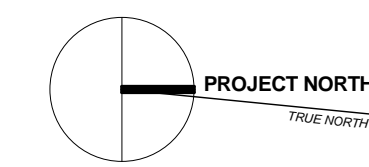
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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
GROUND FLOOR RETAIL FIRE ALARM PLAN

Drawn:	MF	Project No.:	1307Z.L00
Checked:	SD	Client File:	
Reviewed:	IB	Drawing No.:	FA-201R
Date:	05/30/14	Scale:	1/8" = 1'-0"

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1 2ND FLOOR RETAIL FIRE ALARM PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
NO.	REVISIONS / SUBMISSIONS	DATE

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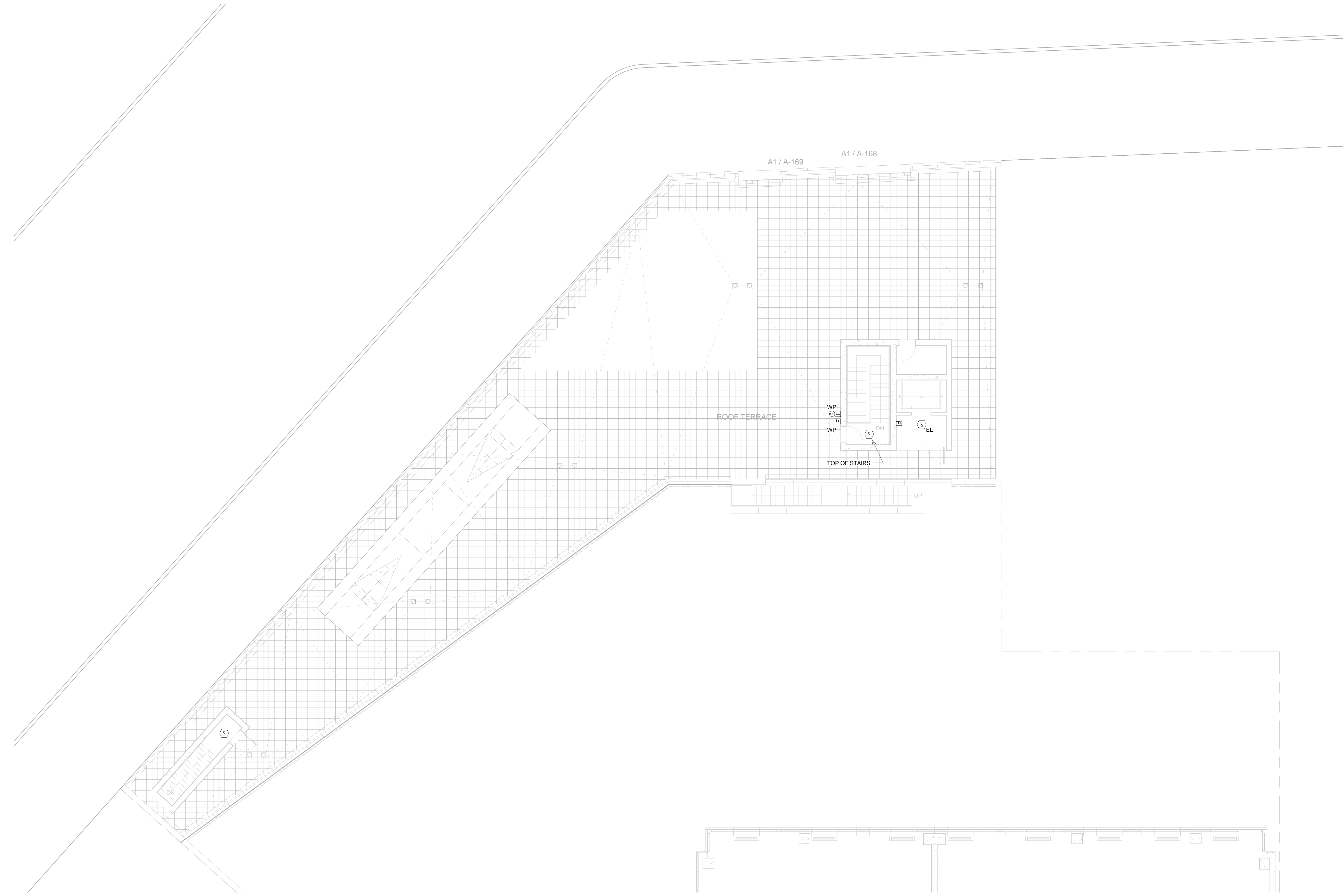
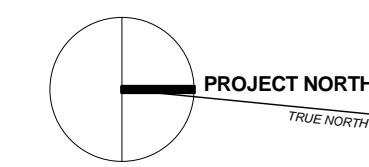
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY
 DRAWING TITLE:
2ND FLOOR RETAIL FIRE ALARM PLAN

Seal:	Drawn: MF	Project No.: 13072.L00
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AMENITY ROOF 1 RETAIL FIRE ALARM
PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
 AMENITY BUILDING ROOF
 FIRE ALARM PLAN

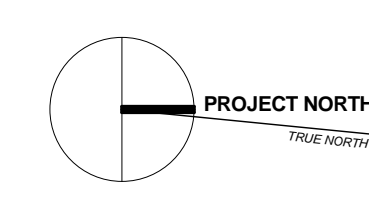
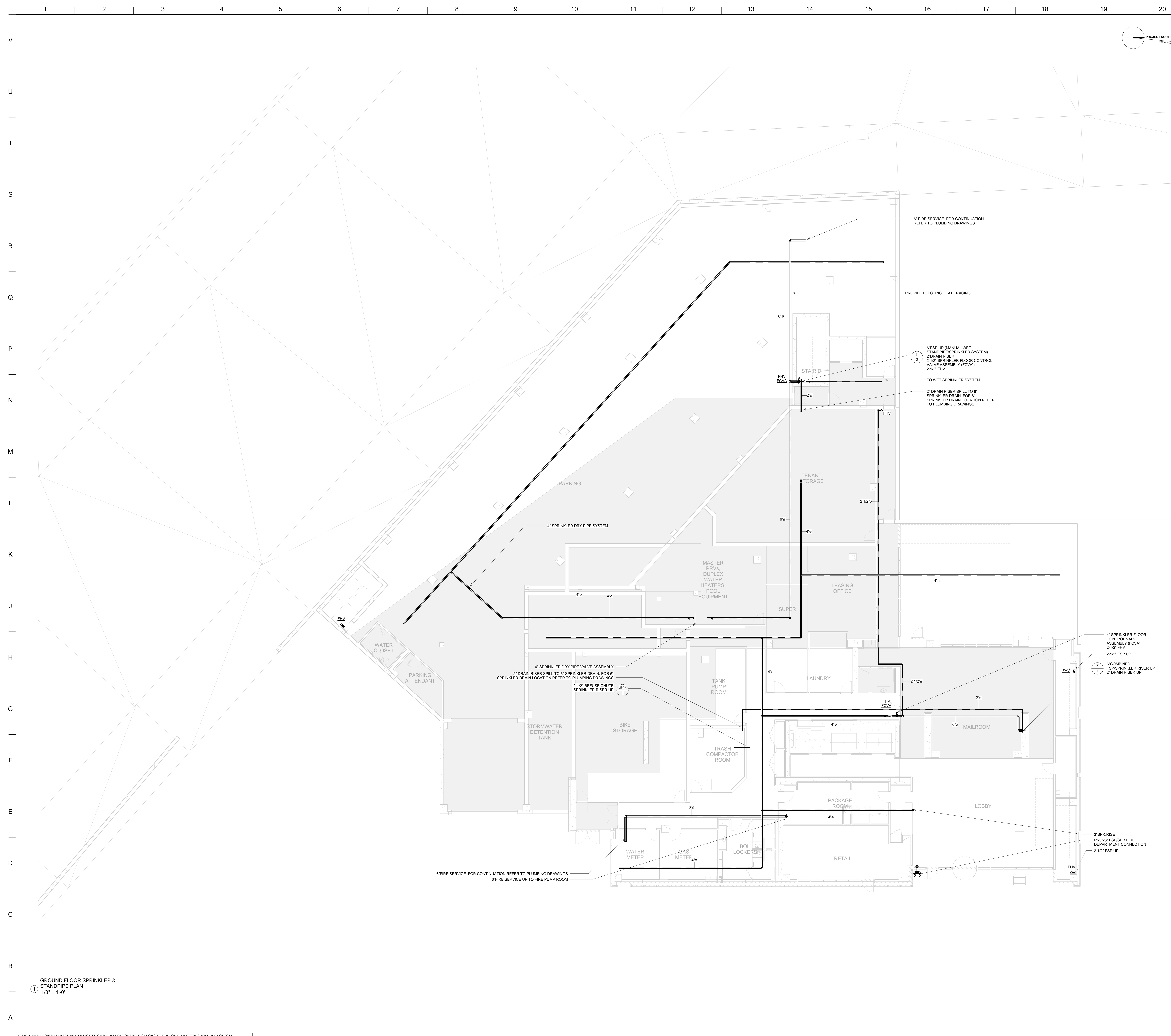
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GROUND FLOOR SPRINKLER &
STANDPIPE PLAN
1/8" = 1'-0"

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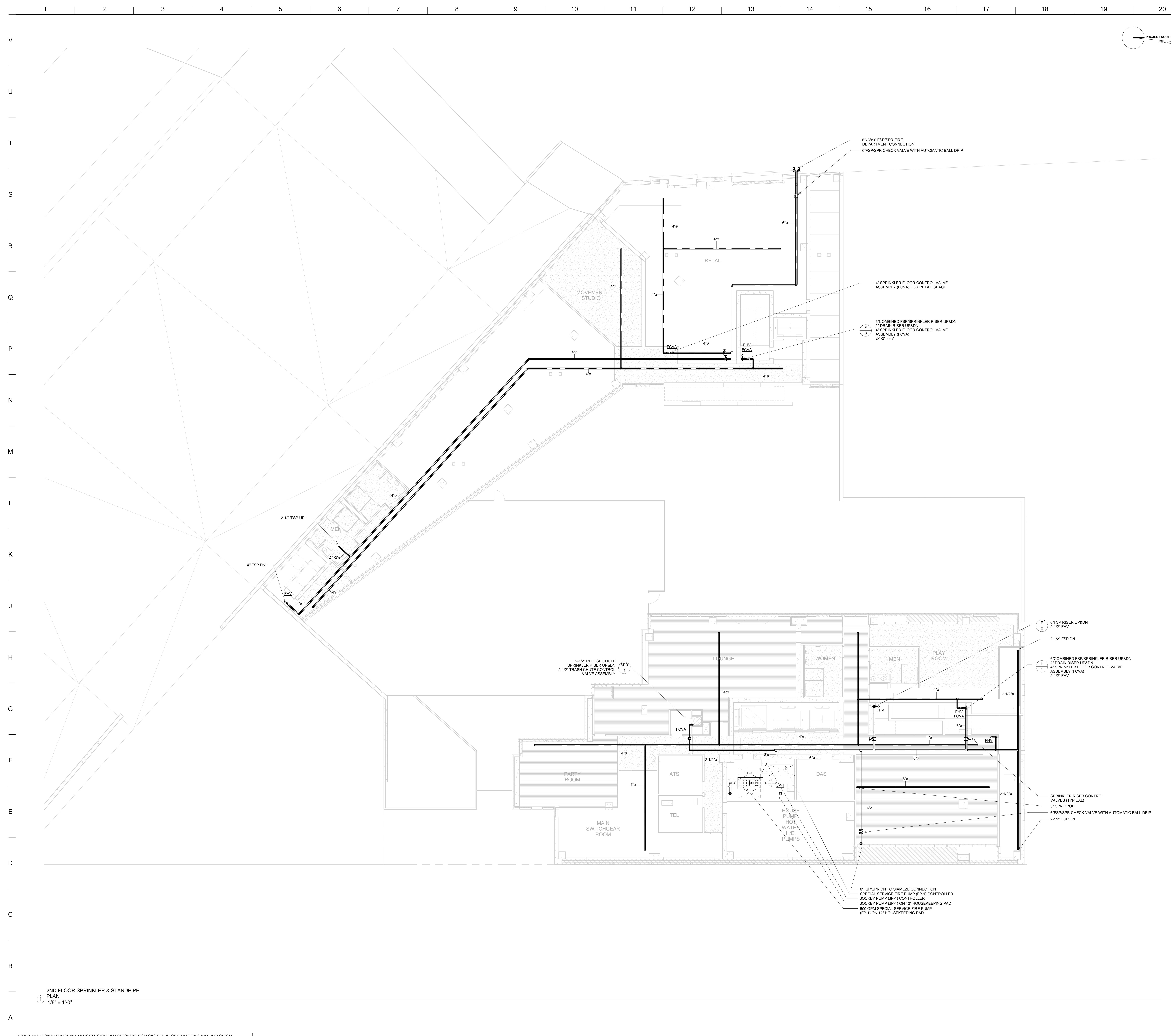
LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
**GROUND FLOOR
SPRINKLER & STANDPIPE PLAN**

Seal:	Drawn: IV	Project No.:	13072.L00
	Checked: SD	Coord File:	
	Reviewed: IB	Drawn No.:	
	Date: 05/30/14	Scale:	1/8" = 1'-0"

SP/SD-201

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2ND FLOOR SPRINKLER & STANDPIPE PLAN
 1/8" = 1'-0"

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	DESIGN DEVELOPMENT	05/30/2014

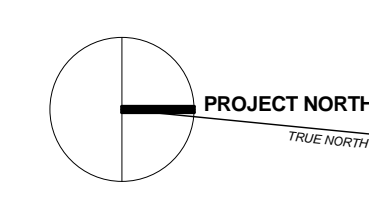
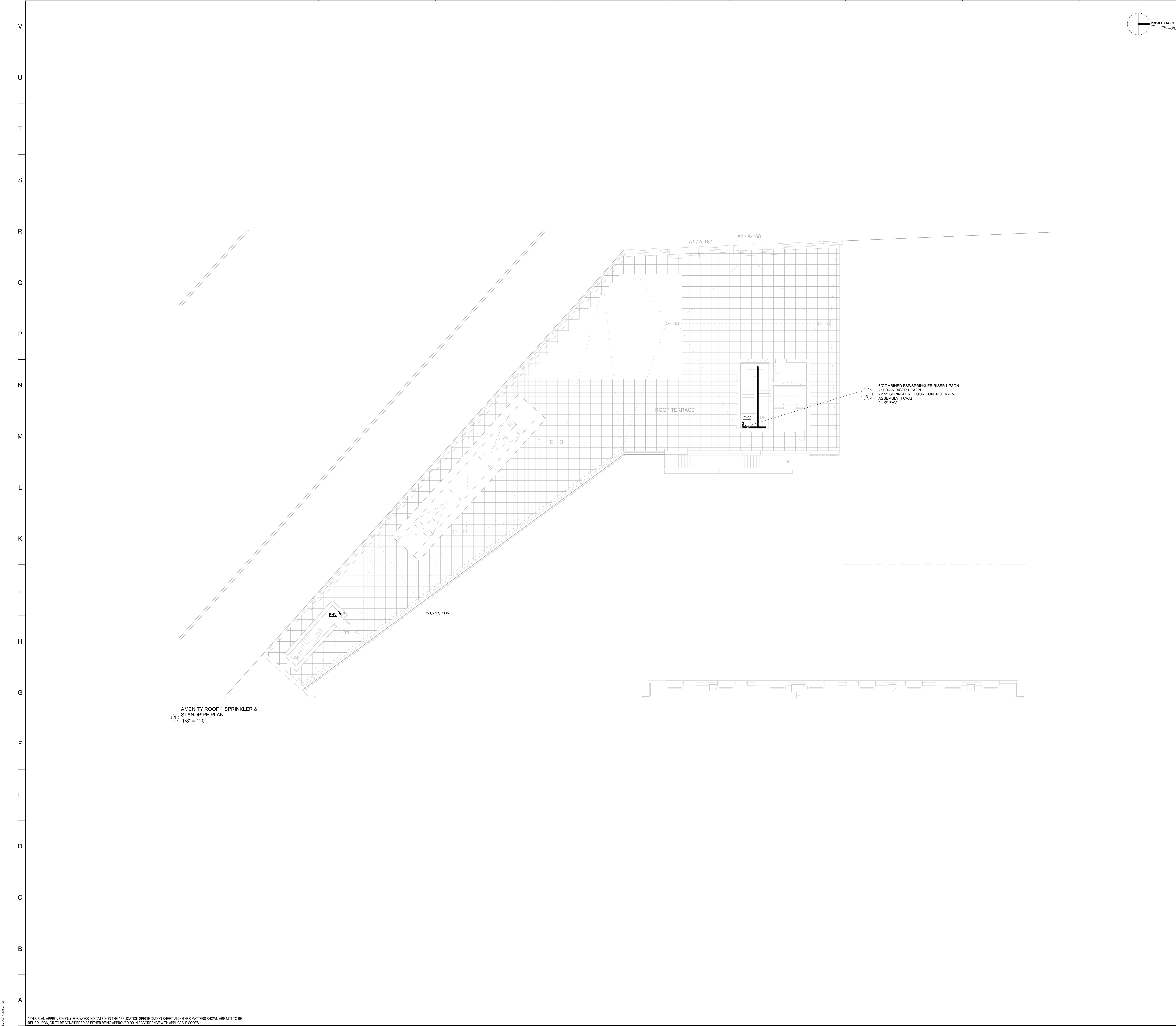
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY
 DRAWING TITLE:
2ND FLOOR SPRINKLER & STANDPIPE PLAN

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Project No.: 13072.L00	Coord File:	Drawing No.:		

SP/SD-202



AMENITY ROOF 1 SPRINKLER & STANDPIPE PLAN
1/8" = 1'-0"

6" COMBINED FSP/SPRINKLER RISER UP/DN
2" DRAIN RISER UP/DN
2-1/2" SPRINKLER FLOOR CONTROL VALVE ASSEMBLY (FCVA)
2-1/2" FHV

2-1/2" FSP DN

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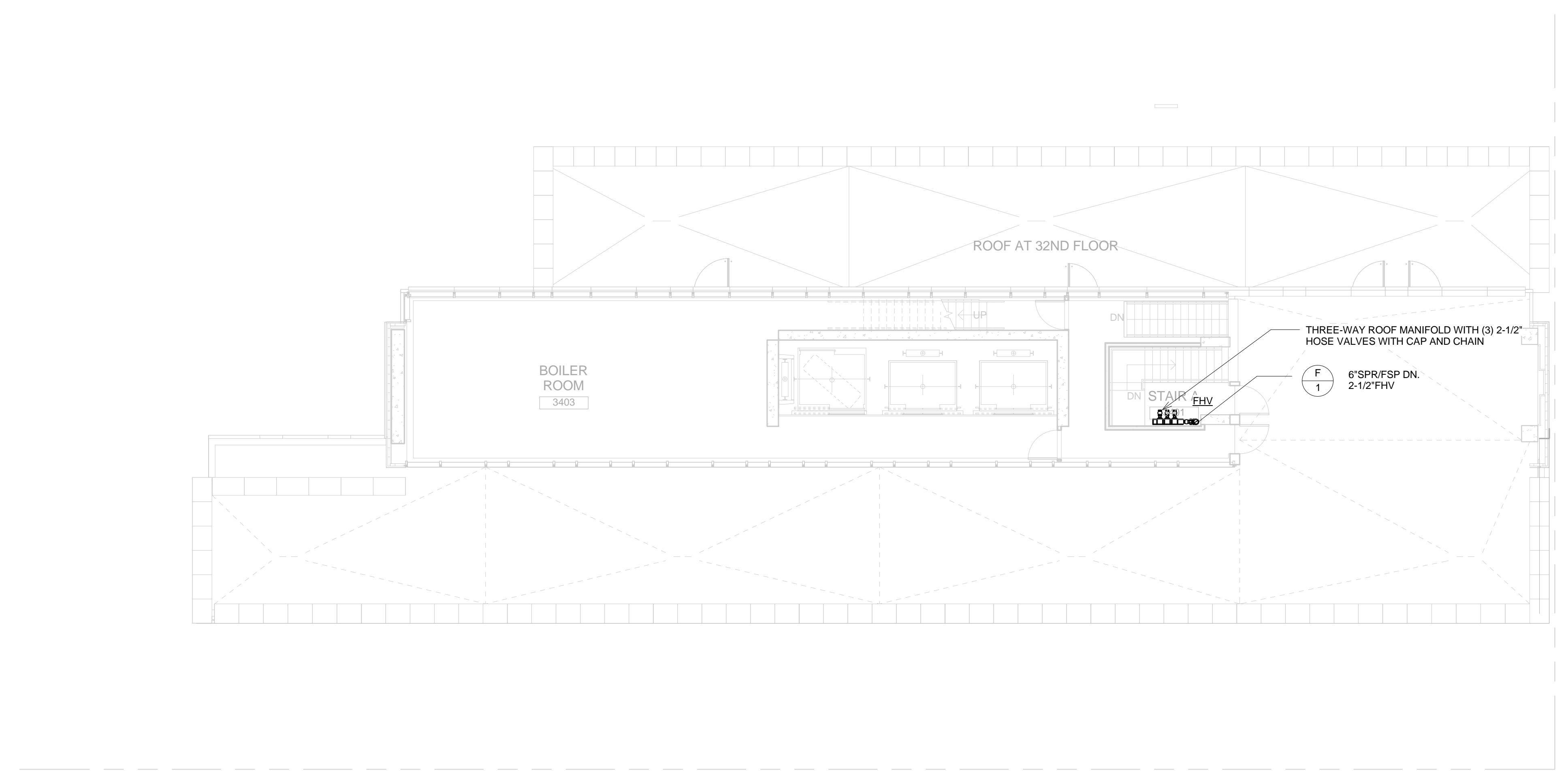
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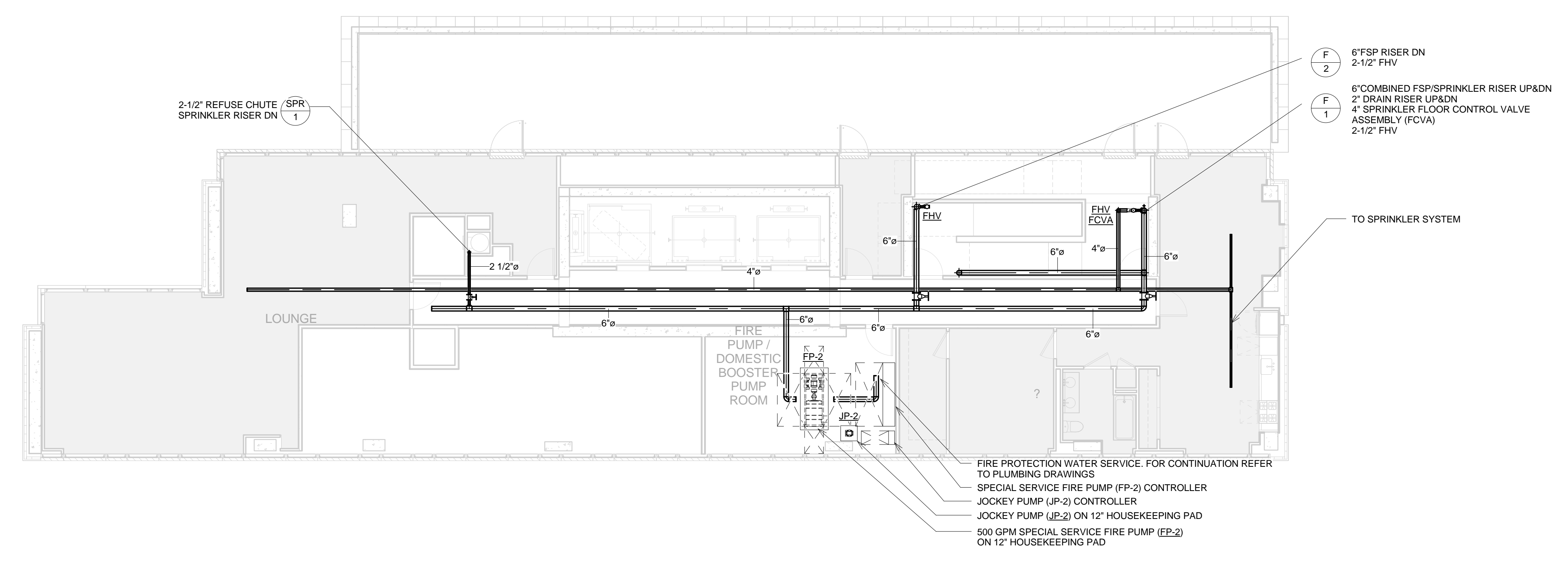
DRAWING TITLE:
AMENITY BUILDING ROOF
SPRINKLER & STANDPIPE PLAN

Seal:	Drawn: IV	Project No.: 1307Z.L00
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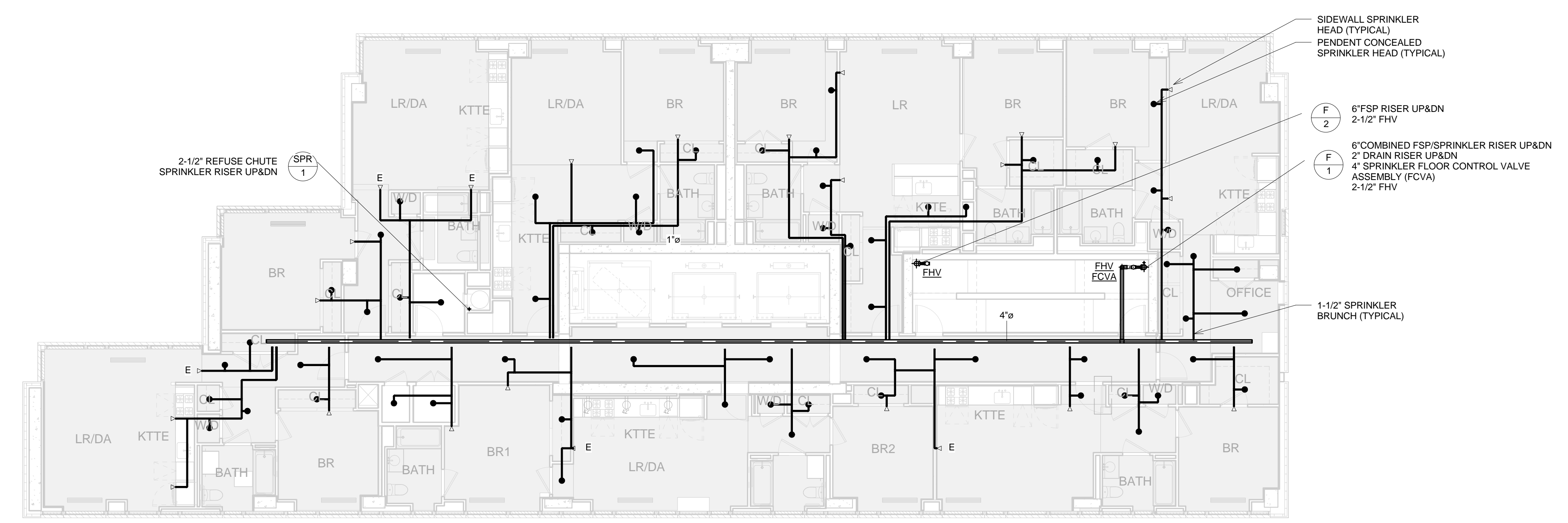
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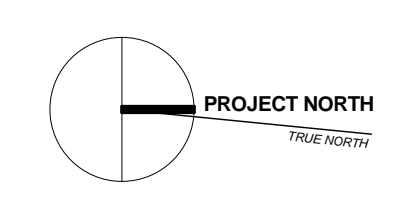
LOWER ROOF SPRINKLER & STANDPIPE PLAN
 ③ 1/8" = 1'-0"



33RD FLOOR SPRINKLER & STANDPIPE PLAN
 ② 1/8" = 1'-0"



15TH - 32ND FLOOR SPRINKLER & STANDPIPE PLAN
 ① 1/8" = 1'-0"



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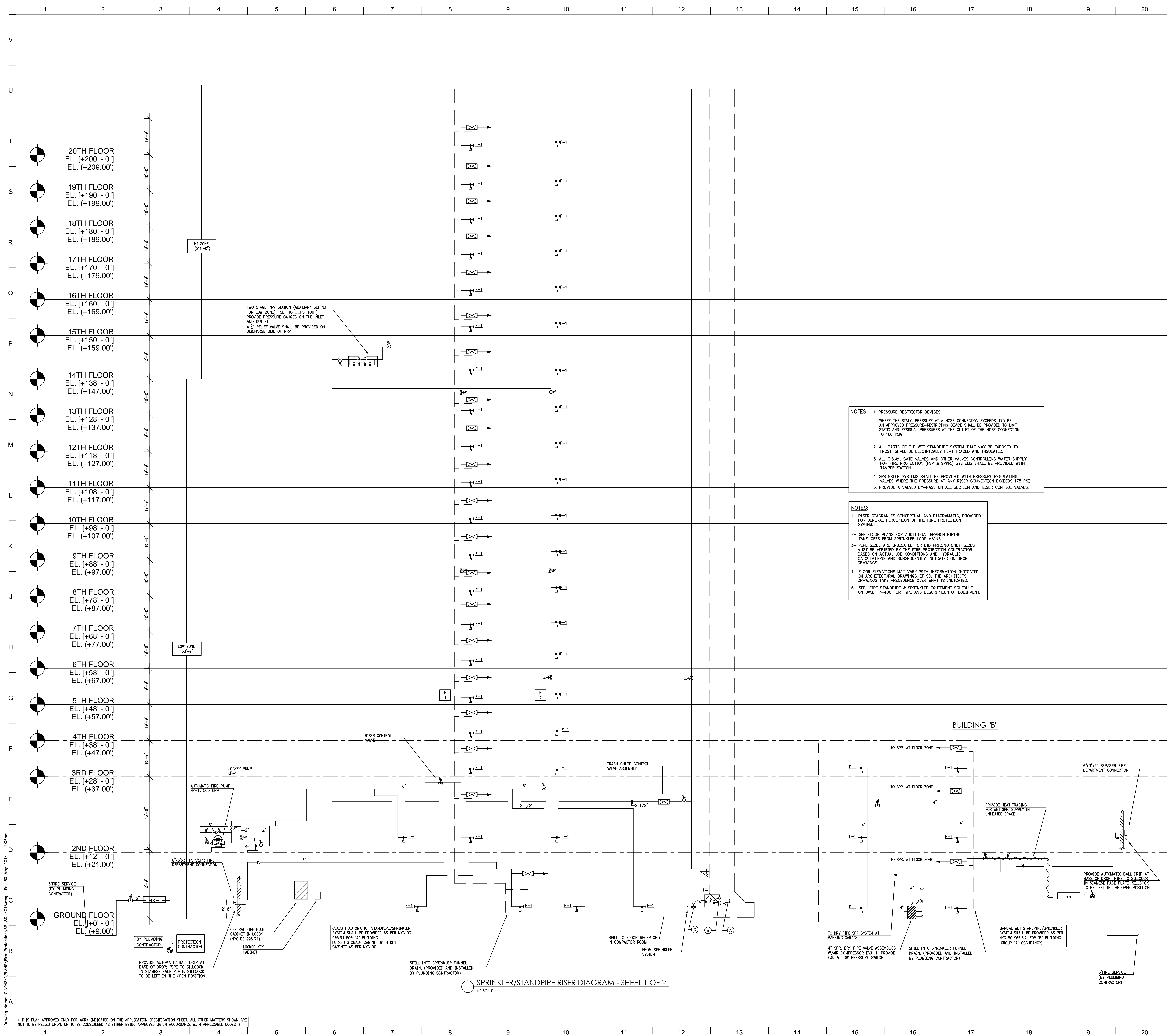
LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
**15TH FLOOR - LOWER ROOF
 SPRINKLER & STANDPIPE PLANS**

Drawn: IV	Project No.: 1307ZL00
Checked: SD	Coord File:
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NOTES:

- 1- PRESSURE RESTRICTOR DEVICES WHERE THE STATIC PRESSURE AT A HOSE CONNECTION EXCEEDS 175 PSI, AN APPROVED PRESSURE-RESTRICTING DEVICE SHALL BE PROVIDED TO LIMIT STATIC AND RESIDUAL PRESSURES AT THE OUTLET OF THE HOSE CONNECTION TO 100 PSIG.
- 2- ALL PARTS OF THE WET STANDPIPE SYSTEM THAT MAY BE EXPOSED TO FROST, SHALL BE ELECTRICALLY HEAT TRACED AND INSULATED.
- 3- ALL O.S.&Y. GATE VALVES AND OTHER VALVES CONTROLLING WATER SUPPLY FOR FIRE PROTECTION (FSP & SPKR.) SYSTEMS SHALL BE PROVIDED WITH TAMPER SWITCH.
- 4- SPRINKLER SYSTEMS SHALL BE PROVIDED WITH PRESSURE REGULATING VALVES WHERE THE PRESSURE AT ANY RISER CONNECTION EXCEEDS 175 PSI.
- 5- PROVIDE A VALVED BY-PASS ON ALL SECTION AND RISER CONTROL VALVES.

NOTES:

- 1- RISER DIAGRAM IS CONCEPTUAL AND DIAGRAMATIC, PROVIDED FOR GENERAL PERCEPTION OF THE FIRE PROTECTION SYSTEM.
- 2- SEE FLOOR PLANS FOR ADDITIONAL BRANCH PIPING TAKE-OFFS FROM SPRINKLER LOOP MAINS.
- 3- PIPE SIZES ARE INDICATED FOR BID PRICING ONLY. SIZES MUST BE VERIFIED BY THE FIRE PROTECTION CONTRACTOR BASED ON ACTUAL JOB CONDITIONS AND HYDRAULIC CALCULATIONS AND SUBSEQUENTLY INDICATED ON SHOP DRAWINGS.
- 4- FLOOR ELEVATIONS MAY VARY WITH INFORMATION INDICATED ON ARCHITECTURAL DRAWINGS. IF SO, THE ARCHITECT'S DRAWINGS TAKE PRECEDENCE OVER WHAT IS INDICATED.
- 5- SEE "FIRE STANDPIPE & SPRINKLER EQUIPMENT SCHEDULE ON DWG. FP-400 FOR TYPE AND DESCRIPTION OF EQUIPMENT.

DESIGN DEVELOPMENT 05/30/2014
 SCHEMATIC DESIGN 03/14/2014
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

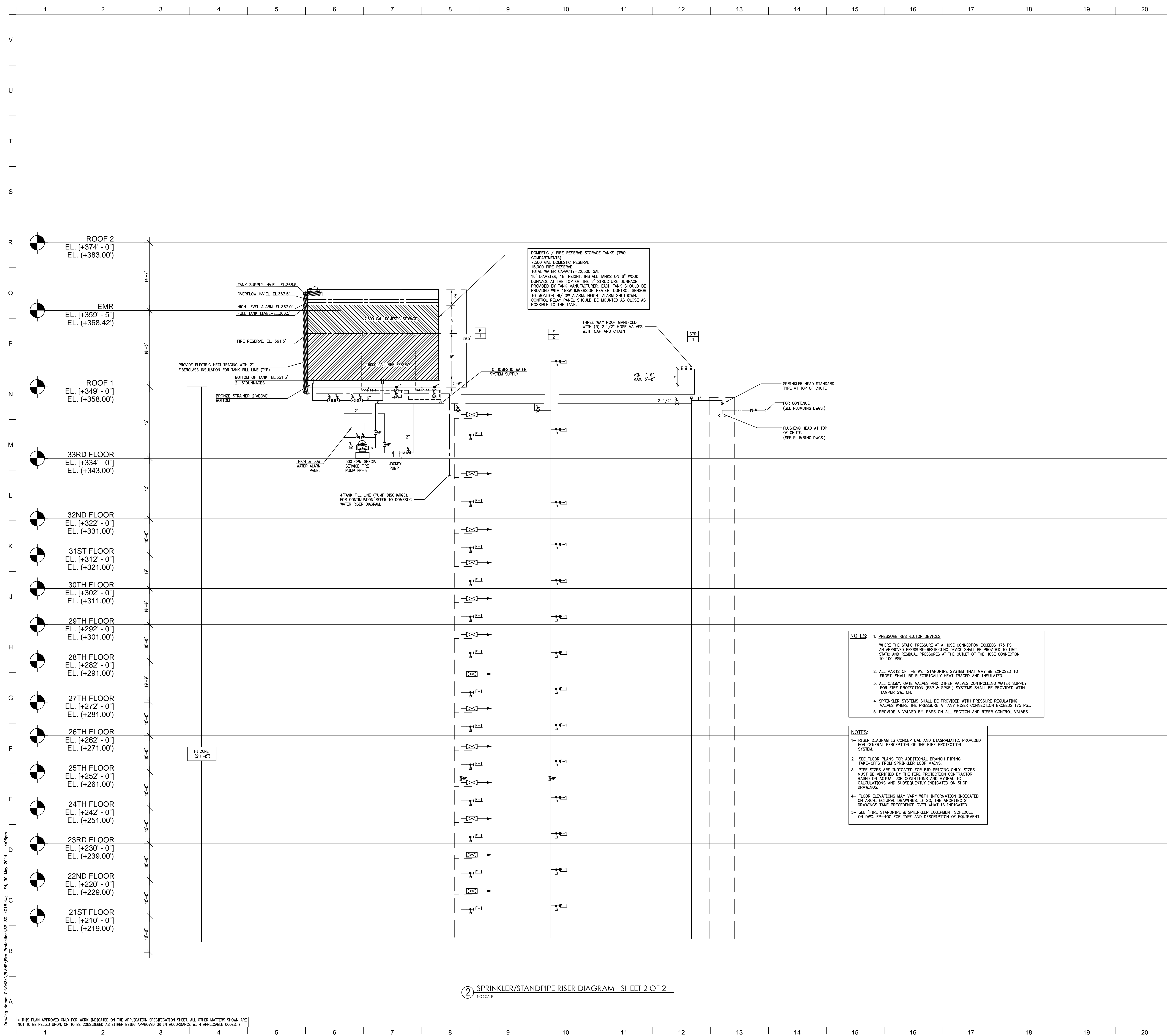
DRAWING TITLE:
SPRINKLER & STANDPIPE RISER DIAGRAM
 SHEET 1 OF 2

Drawn: IV Project No: 13072.L00
 Checked: SD Client No: SP-SD-401A.dwg
 Reviewed: IB Drawing No:
 Date: 05/30/14
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2 SPRINKLER/STANDPIPE RISER DIAGRAM - SHEET 2 OF 2
NO SCALE

NOTES:

- 1- PRESSURE RESTRICTING DEVICES WHERE THE STATIC PRESSURE AT A HOSE CONNECTION EXCEEDS 175 PSI, AN APPROVED PRESSURE-RESTRICTING DEVICE SHALL BE PROVIDED TO LIMIT STATIC AND RESIDUAL PRESSURES AT THE OUTLET OF THE HOSE CONNECTION TO 100 PSIG.
- 2- ALL PARTS OF THE WET STANDPIPE SYSTEM THAT MAY BE EXPOSED TO FROST, SHALL BE ELECTRICALLY HEAT TRACED AND INSULATED.
- 3- ALL O.S.B.Y. GATE VALVES AND OTHER VALVES CONTROLLING WATER SUPPLY FOR FIRE PROTECTION (FSP & SPKR.) SYSTEMS SHALL BE PROVIDED WITH TAMPER SWITCH.
- 4- SPRINKLER SYSTEMS SHALL BE PROVIDED WITH PRESSURE REGULATING VALVES WHERE THE PRESSURE AT ANY RISER CONNECTION EXCEEDS 175 PSI.
- 5- PROVIDE A VALVED BY-PASS ON ALL SECTION AND RISER CONTROL VALVES.

NOTES:

- 1- RISER DIAGRAM IS CONCEPTUAL AND DIAGRAMATIC, PROVIDED FOR GENERAL PERCEPTION OF THE FIRE PROTECTION SYSTEM.
- 2- SEE FLOOR PLANS FOR ADDITIONAL BRANCH PIPING TAKE-OFFS FROM SPRINKLER LOOP MAINS.
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- 4- FLOOR ELEVATIONS MAY VARY WITH INFORMATION INDICATED ON ARCHITECTURAL DRAWINGS. IF SO, THE ARCHITECT'S DRAWINGS TAKE PRECEDENCE OVER WHAT IS INDICATED.
- 5- SEE "FIRE STANDPIPE & SPRINKLER EQUIPMENT SCHEDULE ON DWG. FP-400 FOR TYPE AND DESCRIPTION OF EQUIPMENT.

Drawing Name: C:\Users\PLANS\Public\SP-SD-401B.dwg - Fri, 30 May 2014 4:05pm

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NO	REVISIONS / SUBMISSIONS	DATE

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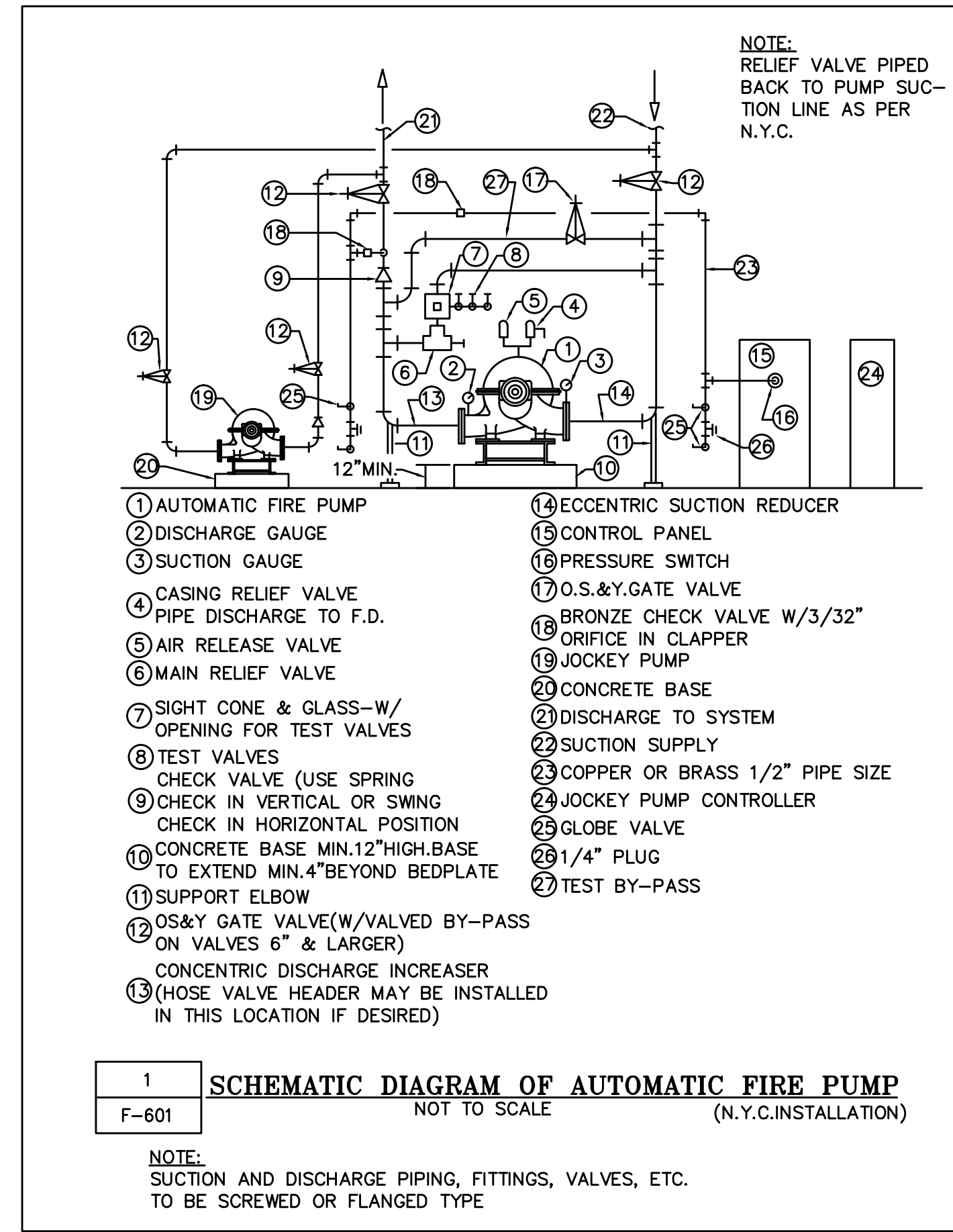
LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
**SPRINKLER & STANDPIPE RISER DIAGRAM
SHEET 2 OF 2**

Seal:	Drawn: IV	Project No.:
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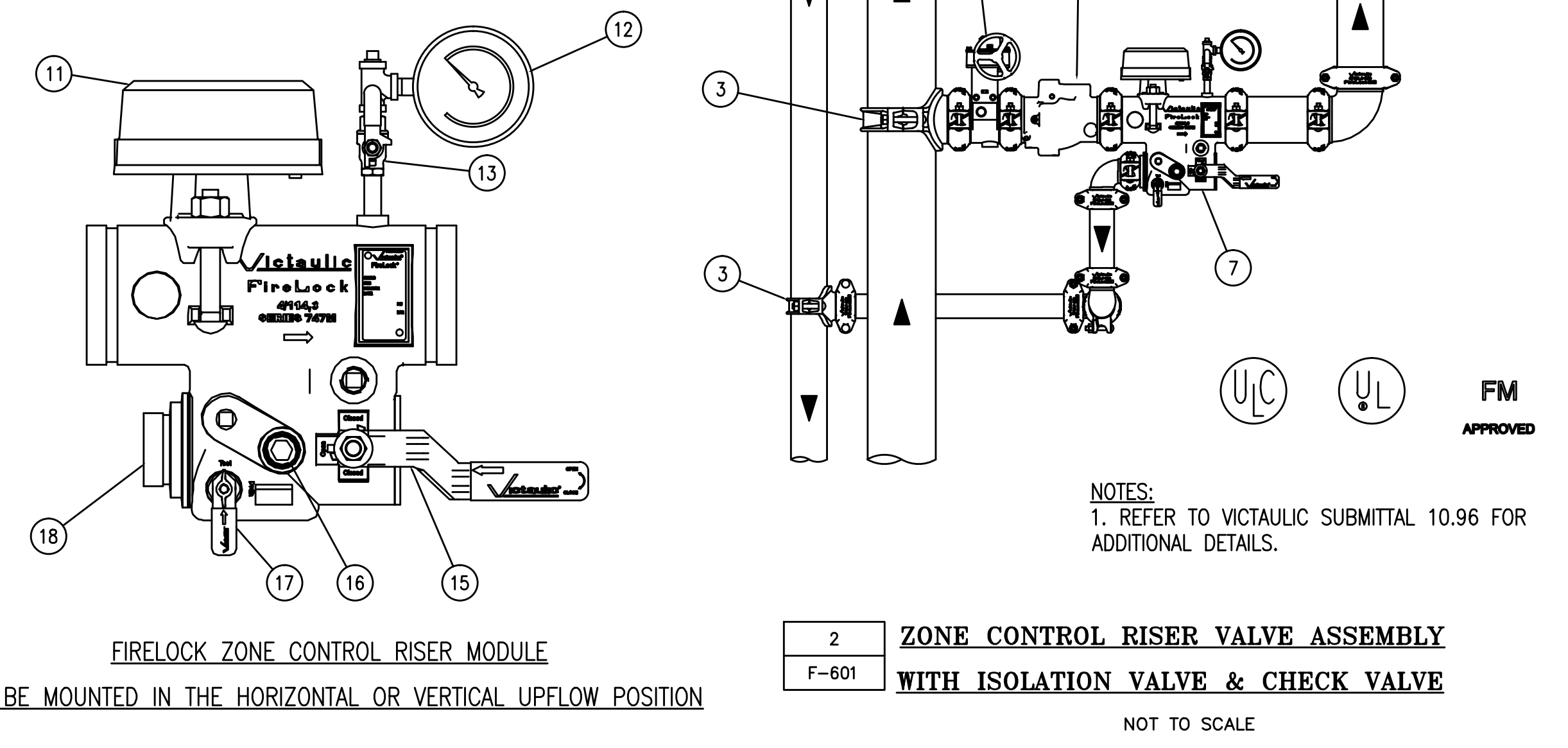
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PRODUCT LEGEND

- 1 DRAIN RISER
- 2 RISER
- 3 W.C. MECHANICAL TEE STYLE 920N
- 4 NOT USED
- 5 W.C. FIRELOCK BUTTERFLY VALVE SERIES 705W
- 6 W.C. FIRELOCK CHECK VALVE SERIES 717
- 7 W.C. FIRELOCK ZONE CONTROL RISER MODULE SERIES 741M
- 8 W.C. FIRELOCK 90 DEG ELBOW No. 001
- 9 W.C. FIRELOCK EX RIGID COUPLING STYLE 009 (OR) RIGID COUPLING STYLE 005 TO SPRINKLER SYSTEM
- 10 SPRINKLER SYSTEM
- 11 UL LISTED FM APPROVED FLOW SWITCH (SYSTEM SENSOR MODEL WFD)
- 12 PRESSURE GAUGE
- 13 ISOLATION VALVE FOR GAUGE
- 14 NOT USED
- 15 SHUT OFF VALVE (OFFSET HANDLE FOR ACCESS ON BOTH SIDES)
- 16 SIGHT GLASS (VISIBLE FROM BOTH SIDES)
- 17 TEST AND DRAIN VALVE (HANDLE ON BOTH SIDES)
- 18 GROOVED DRAIN CONNECTION

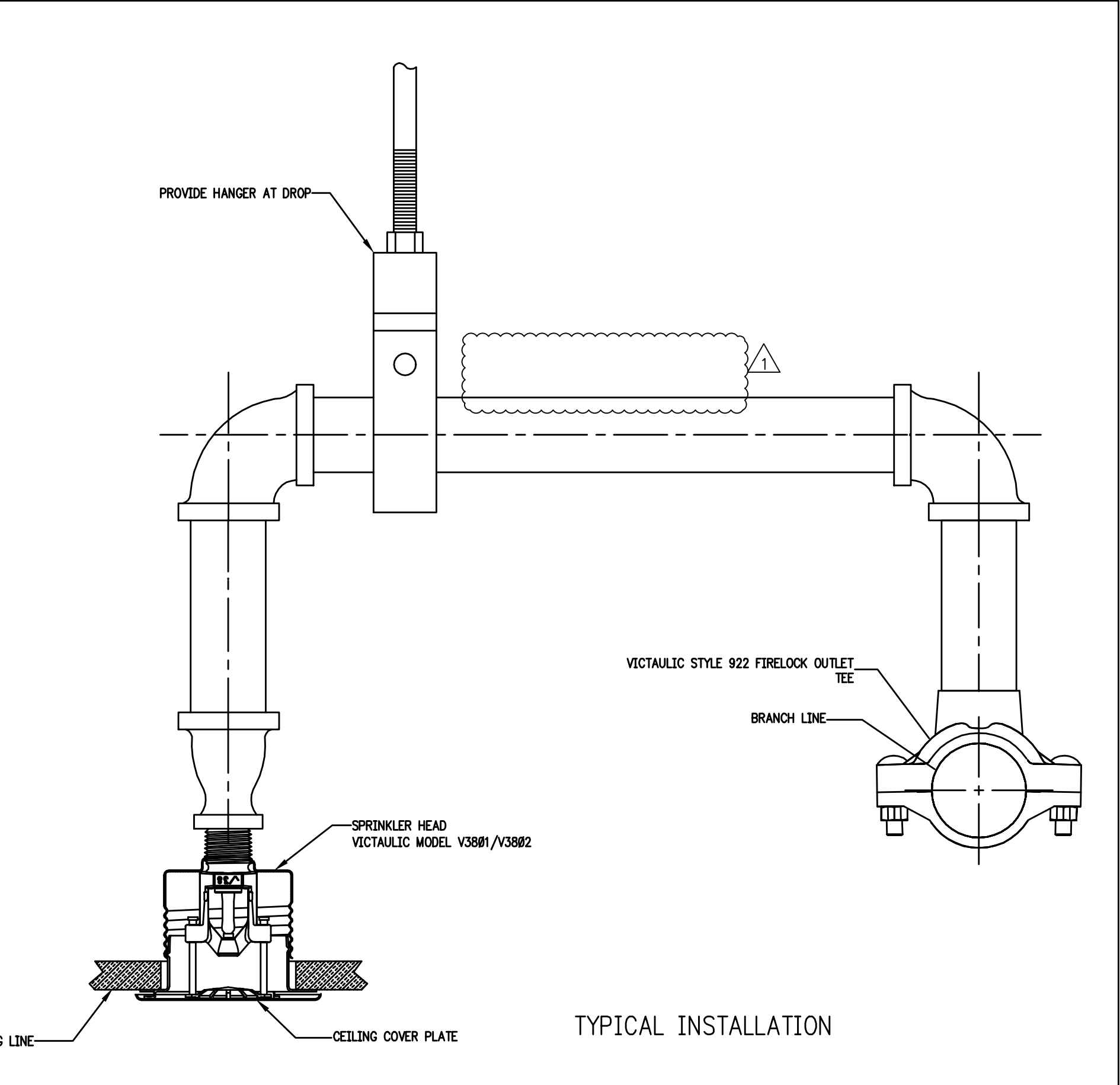
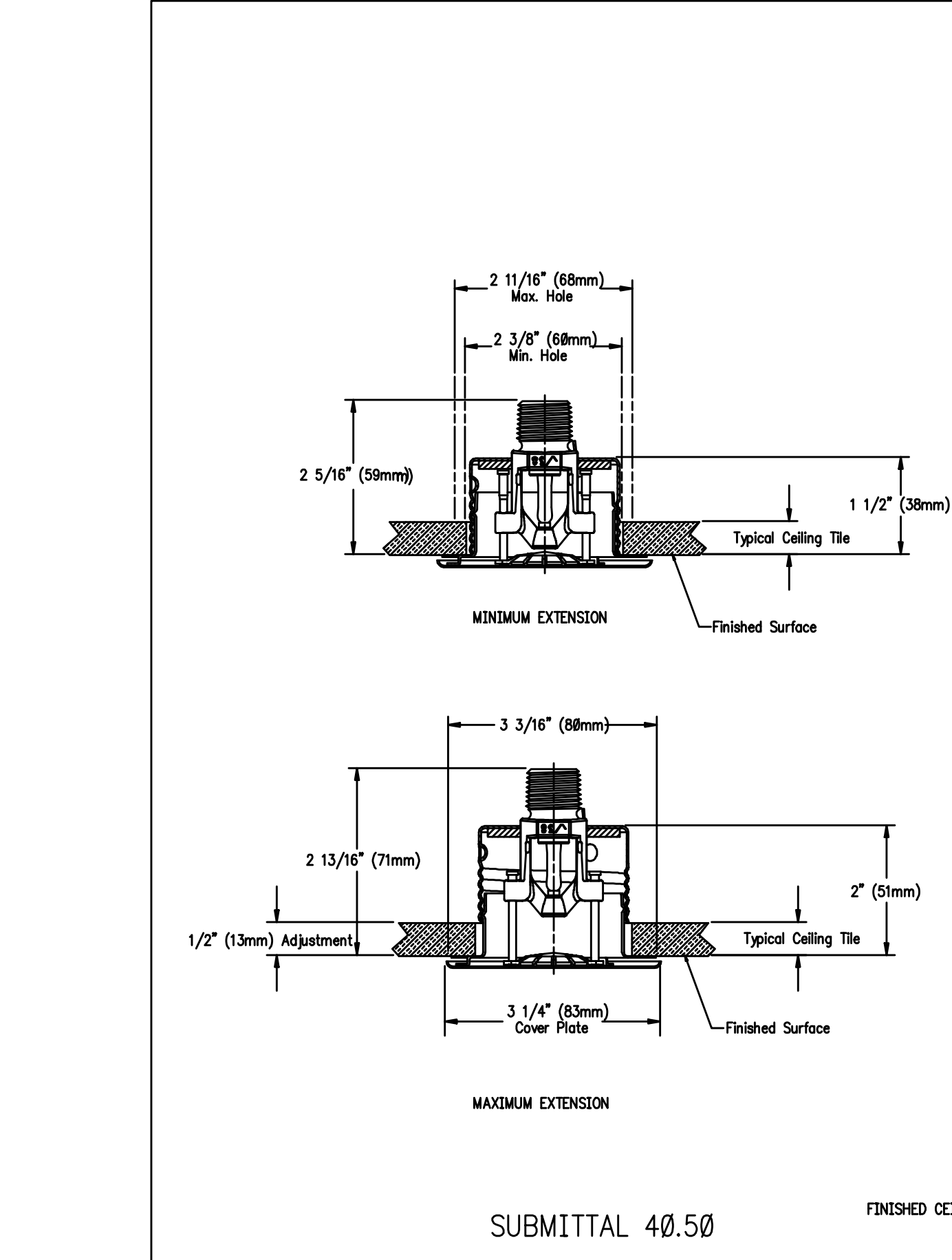
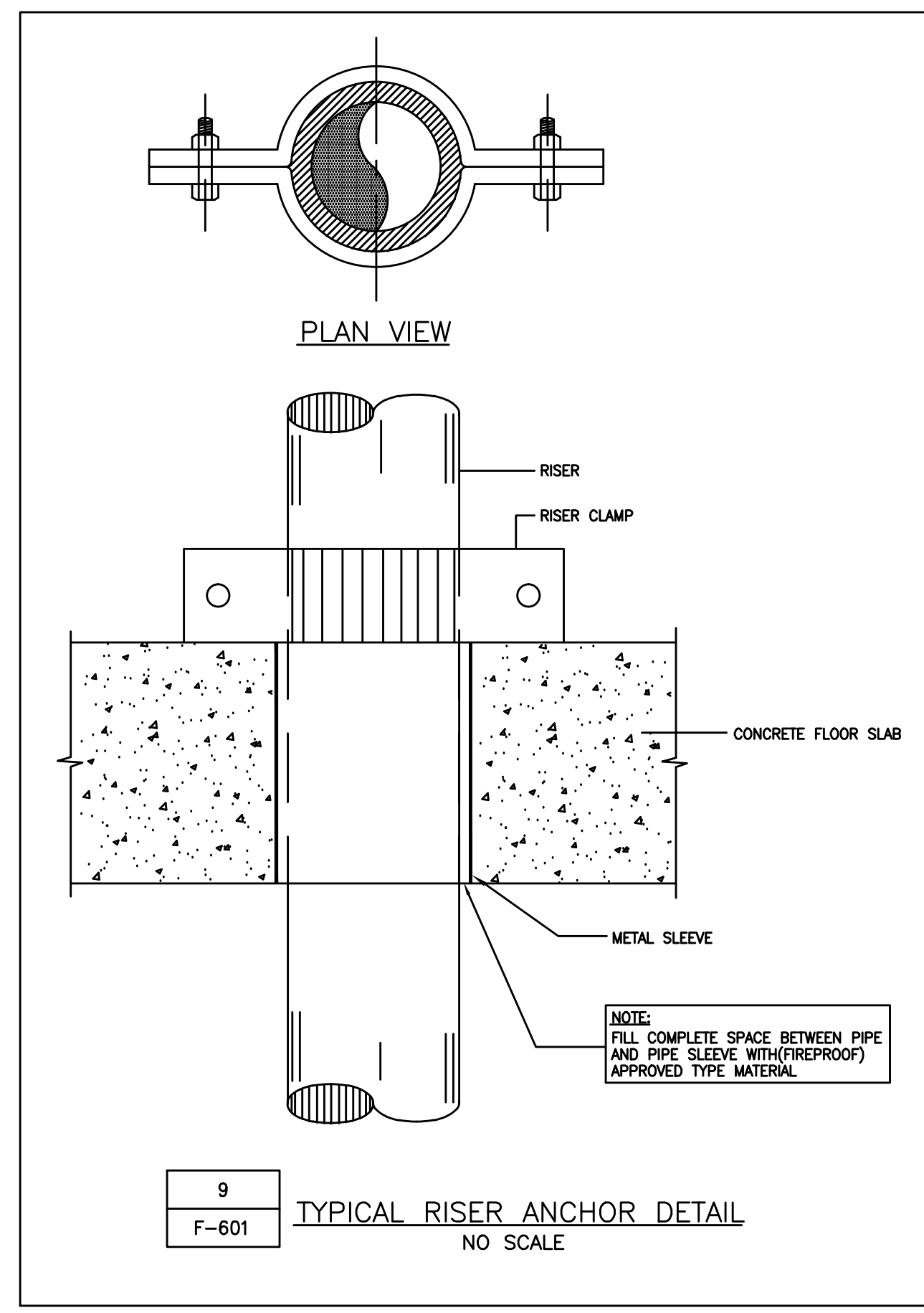
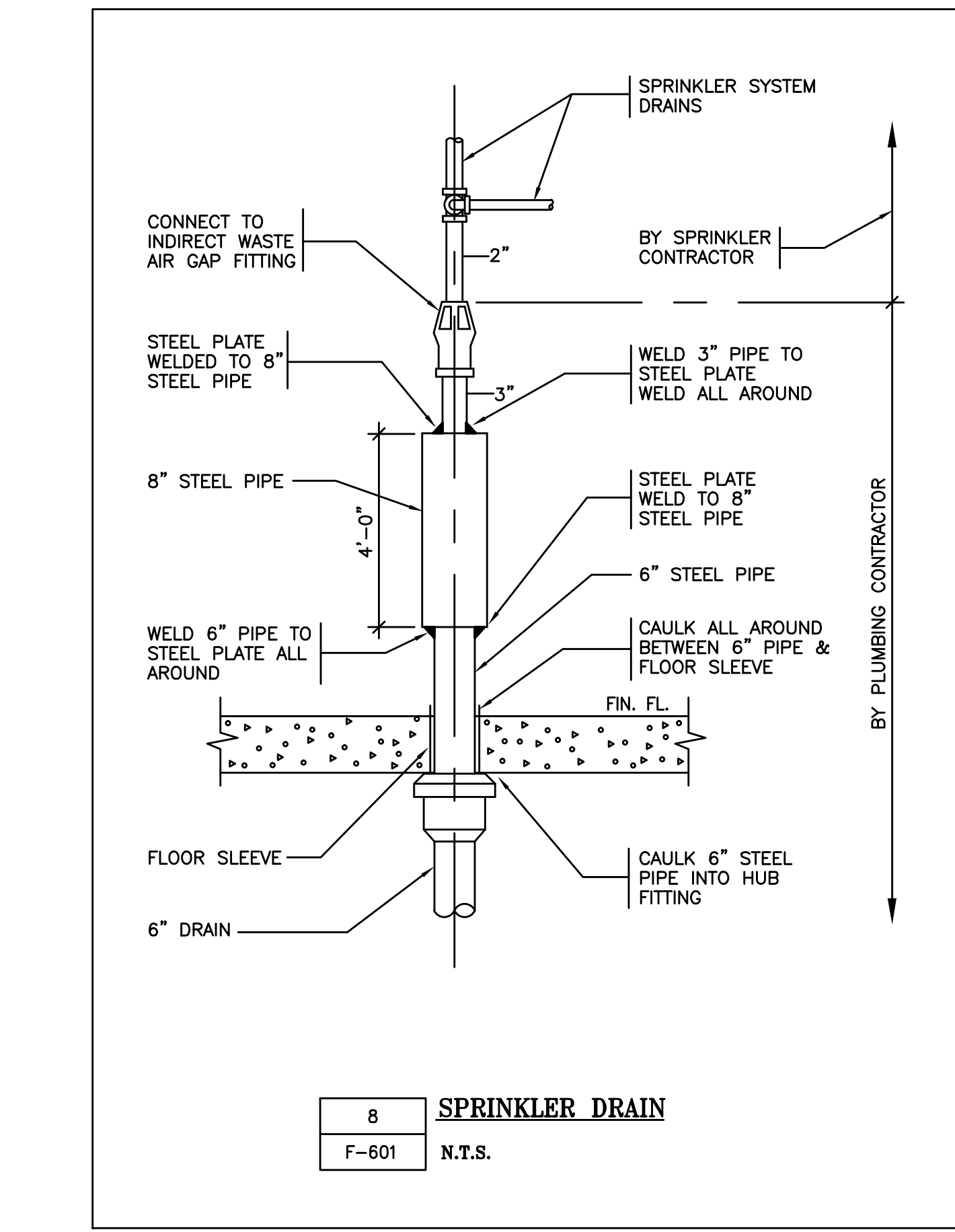
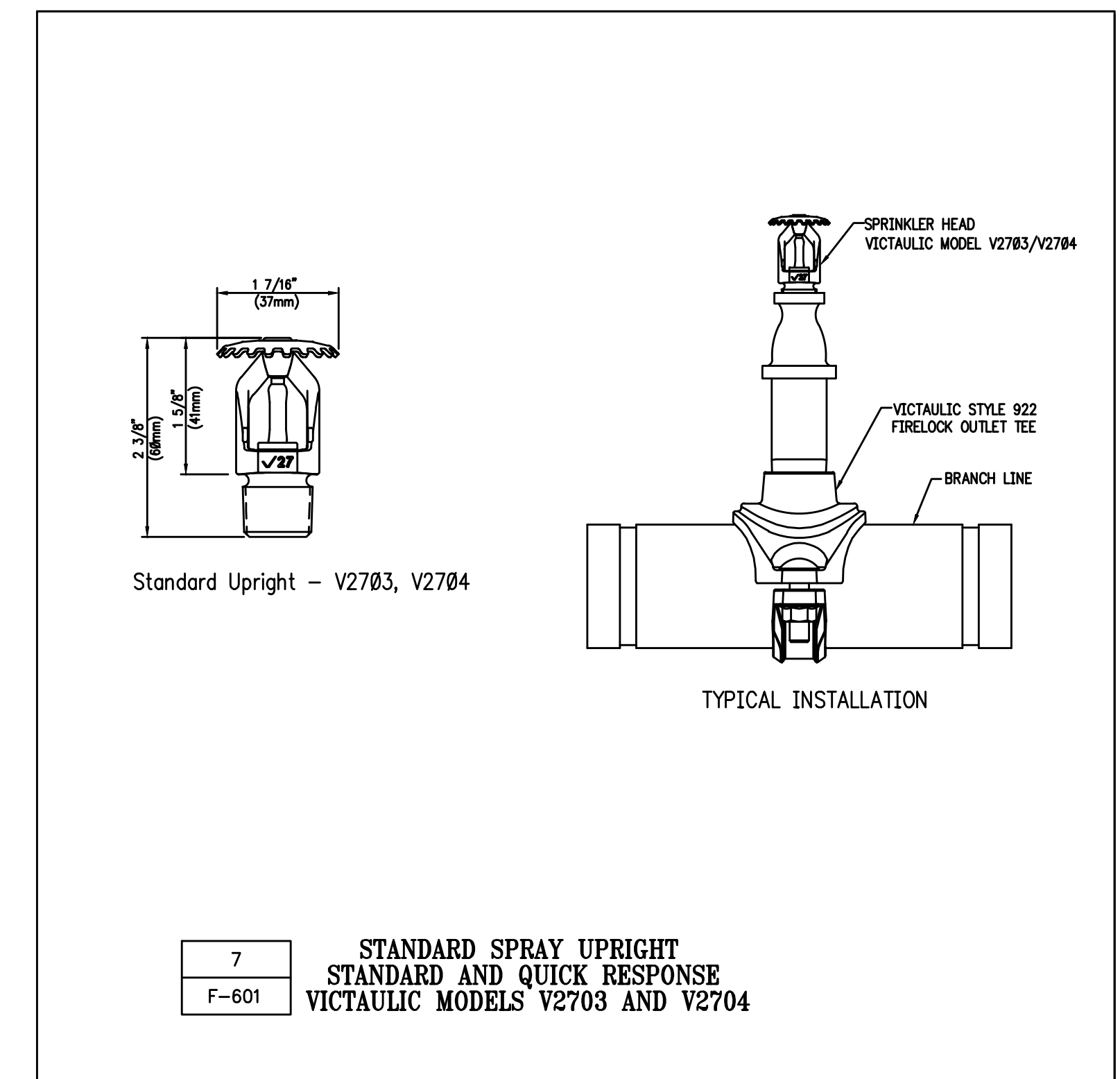
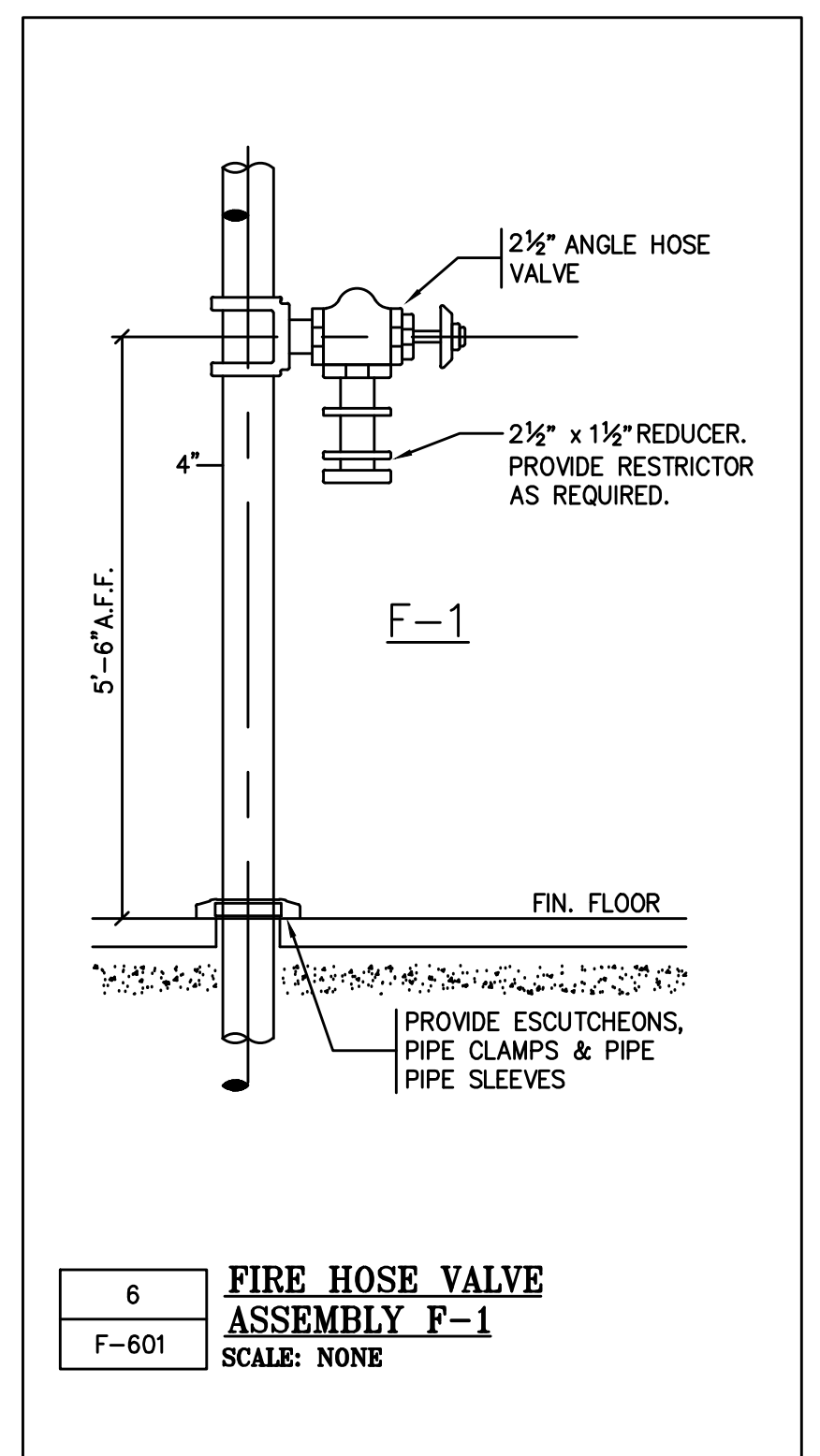
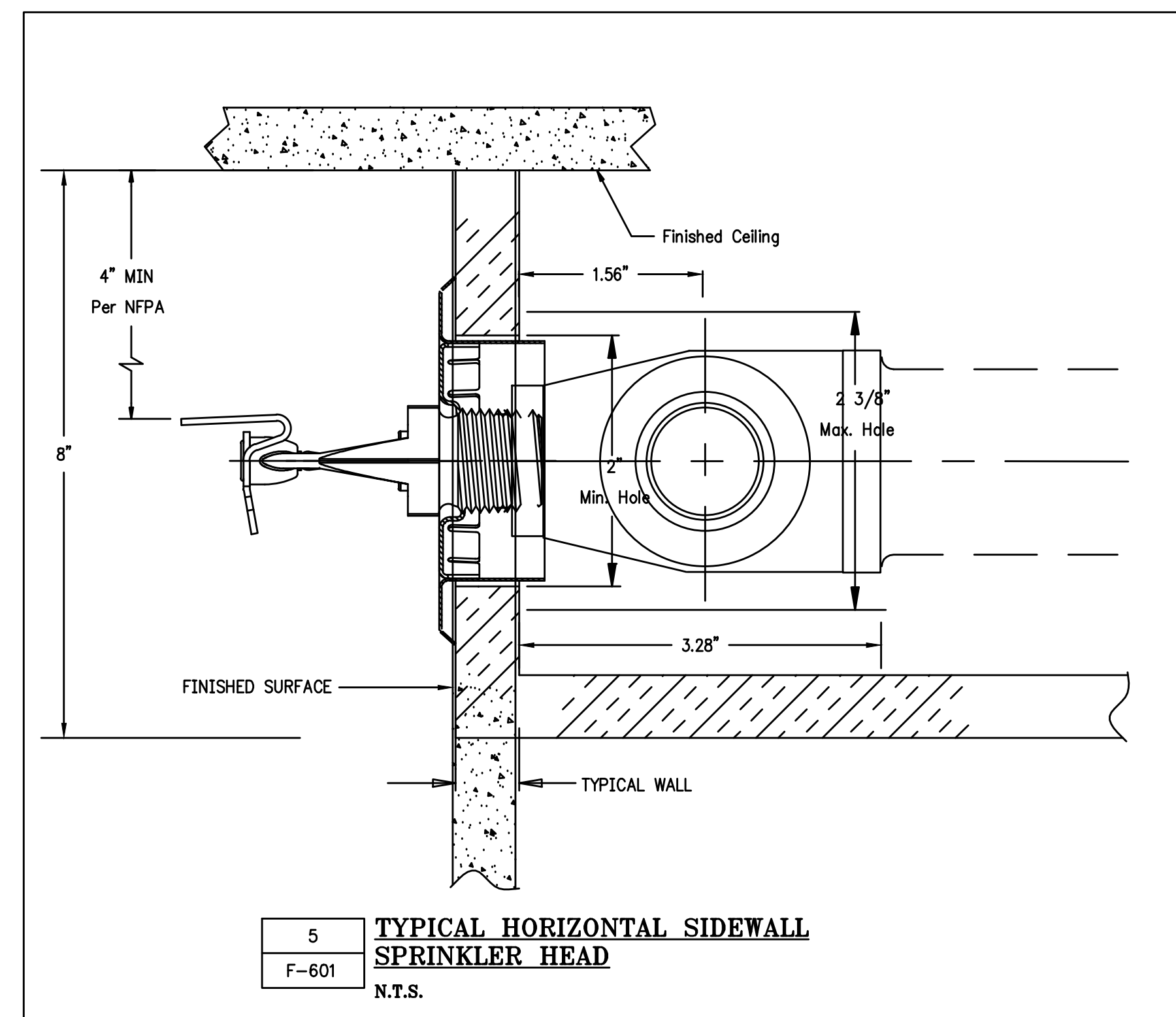
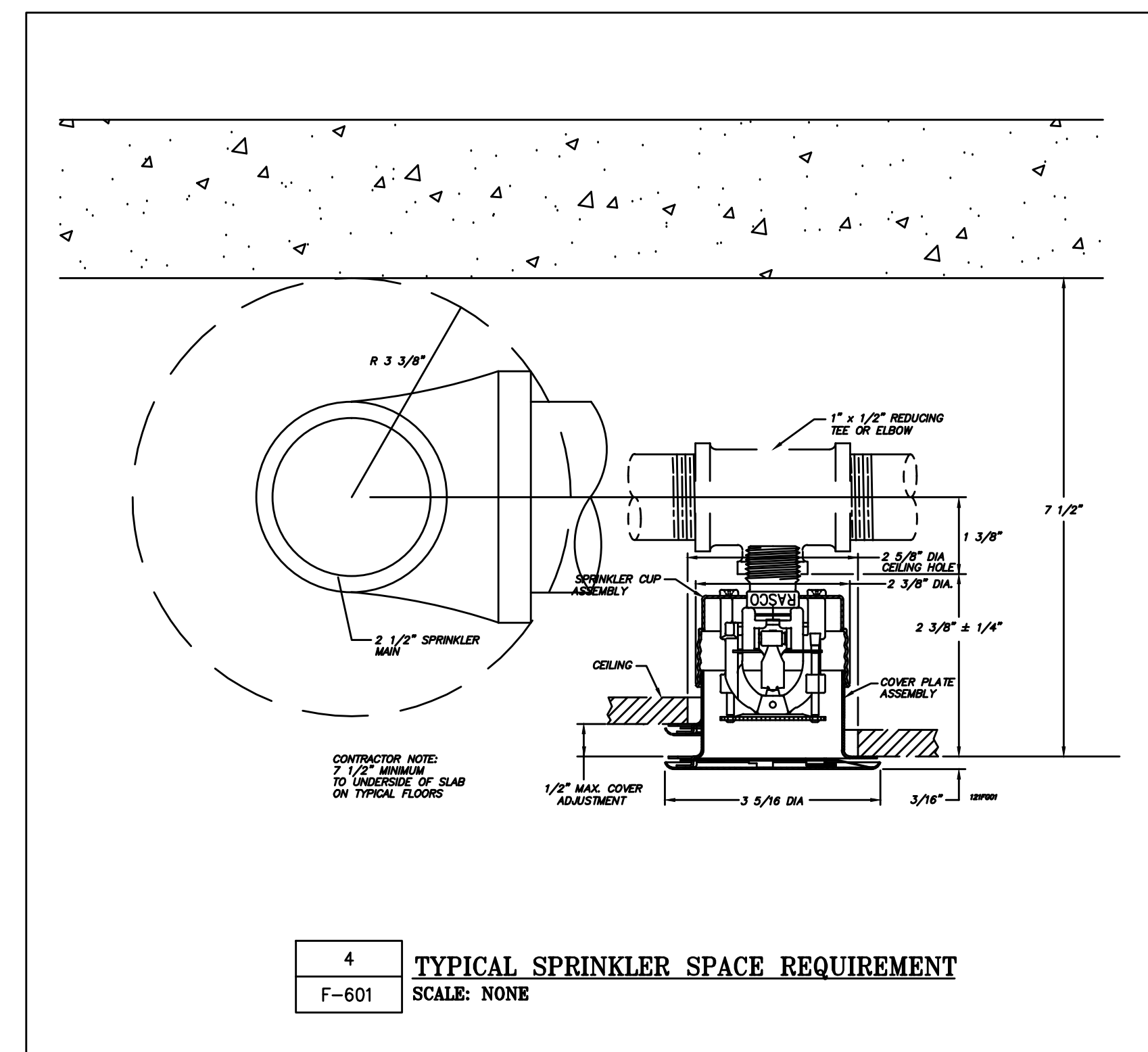
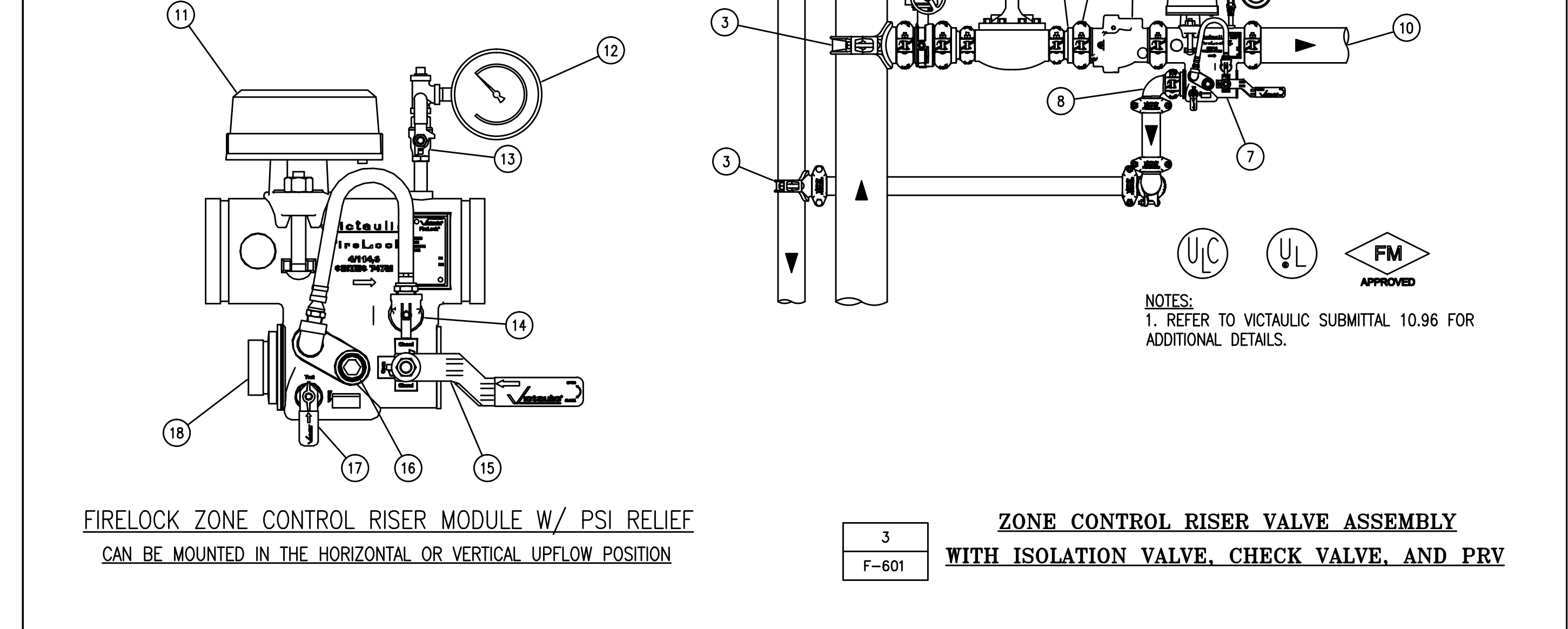
SEE VICTAULIC SUBMITTAL NUMBER 10.96



PRODUCT LEGEND

- 1 DRAIN RISER
- 2 RISER - W.C. STYLE 20, 27 FLEXIBLE COUPLING FOR SEISMIC APPLICATION
- 3 W.C. MECHANICAL TEE STYLE 920N
- 4 PRESSURE REDUCING VALVE (NOT VICTAULIC)
- 5 W.C. FIRELOCK BUTTERFLY VALVE SERIES 705
- 6 W.C. FIRELOCK CHECK VALVE SERIES 717
- 7 W.C. FIRELOCK ZONE CONTROL RISER MODULE SERIES 741M W/PSI RELIEF VALVE
- 8 W.C. FIRELOCK 90 DEG ELBOW No. 001
- 9 W.C. FIRELOCK EX RIGID COUPLING STYLE 009H (OR) RIGID COUPLING STYLE 005 TO SPRINKLER SYSTEM
- 10 SPRINKLER SYSTEM
- 11 UL LISTED FM APPROVED FLOW SWITCH (SYSTEM SENSOR MODEL WFD)
- 12 PRESSURE GAUGE
- 13 ISOLATION VALVE FOR GAUGE
- 14 PRESSURE RELIEF VALVE
- 15 SHUT OFF VALVE (OFFSET HANDLE FOR ACCESS ON BOTH SIDES)
- 16 SIGHT GLASS (VISIBLE FROM BOTH SIDES)
- 17 TEST AND DRAIN VALVE (HANDLE ON BOTH SIDES)
- 18 GROOVED DRAIN CONNECTION

SEE VICTAULIC SUBMITTAL NUMBER 10.96



DESIGN DEVELOPMENT 05/30/2014
SCHEMATIC DESIGN 05/14/2014
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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

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SPRINKLER & STANDPIPE DETAILS

Scale: NO SCALE

Drawn: IV
Checked: SD
Reviewed: IB
Date: 05/30/14

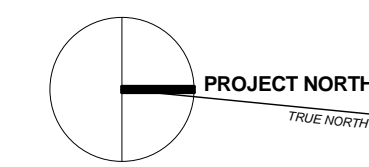
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Client File: SP-SD-601.dwg
Drawing No.: 10

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Drawing Name: C:\Users\PLM\My Documents\SP-SD-601.dwg - F-1, 30 May 2014 10:06am

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REFERENCE NOTES:
 ◊ SPACE WILL BE FILED UNDER SEPARATE APPLICATION.

GROUND FLOOR TENANT FIRE ALARM PLAN
 1/8" = 1'-0"

NO.	REVISIONS / SUBMISSIONS	DATE
	DESIGN DEVELOPMENT	05/30/2014

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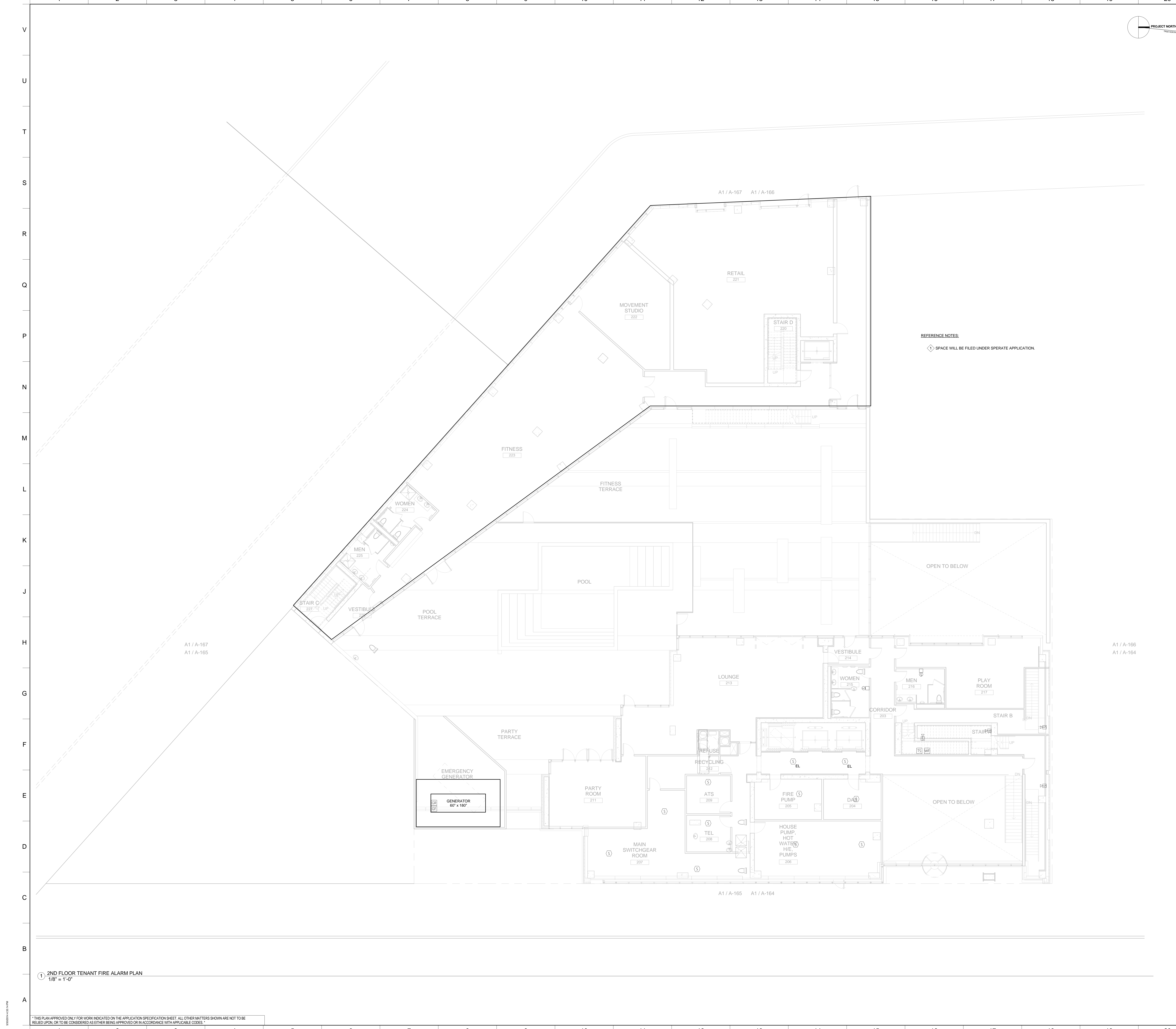
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DRAWING TITLE:
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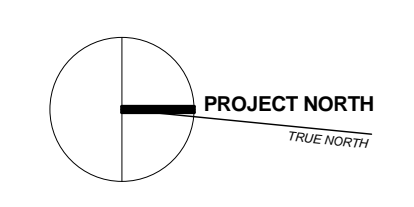
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FA-201T

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REFERENCE NOTES:
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① 2ND FLOOR TENANT FIRE ALARM PLAN
 1/8" = 1'-0"

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 VAN DEUSEN & ASSOCIATES
 5 Ridgely Street, Livingston, NJ 07039 973.954.9220

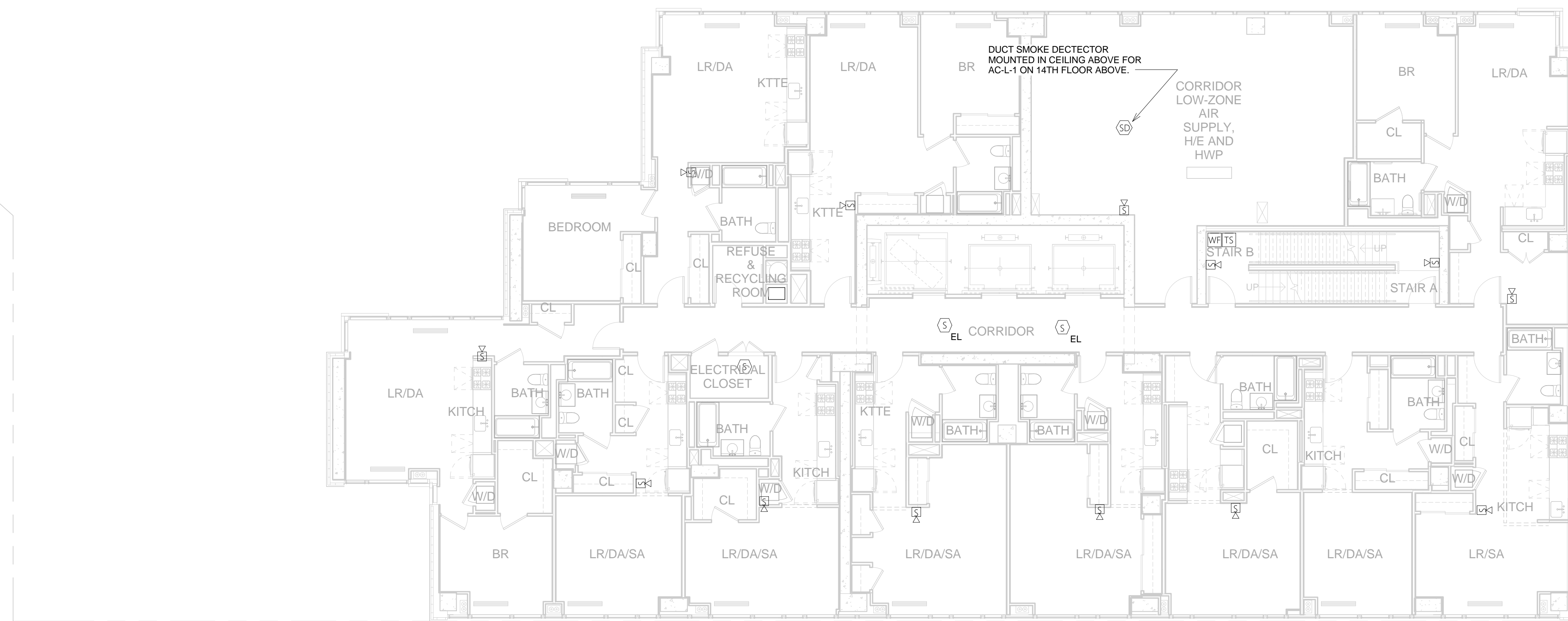
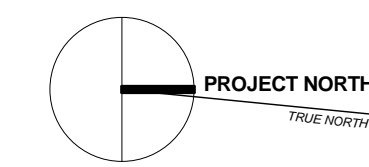
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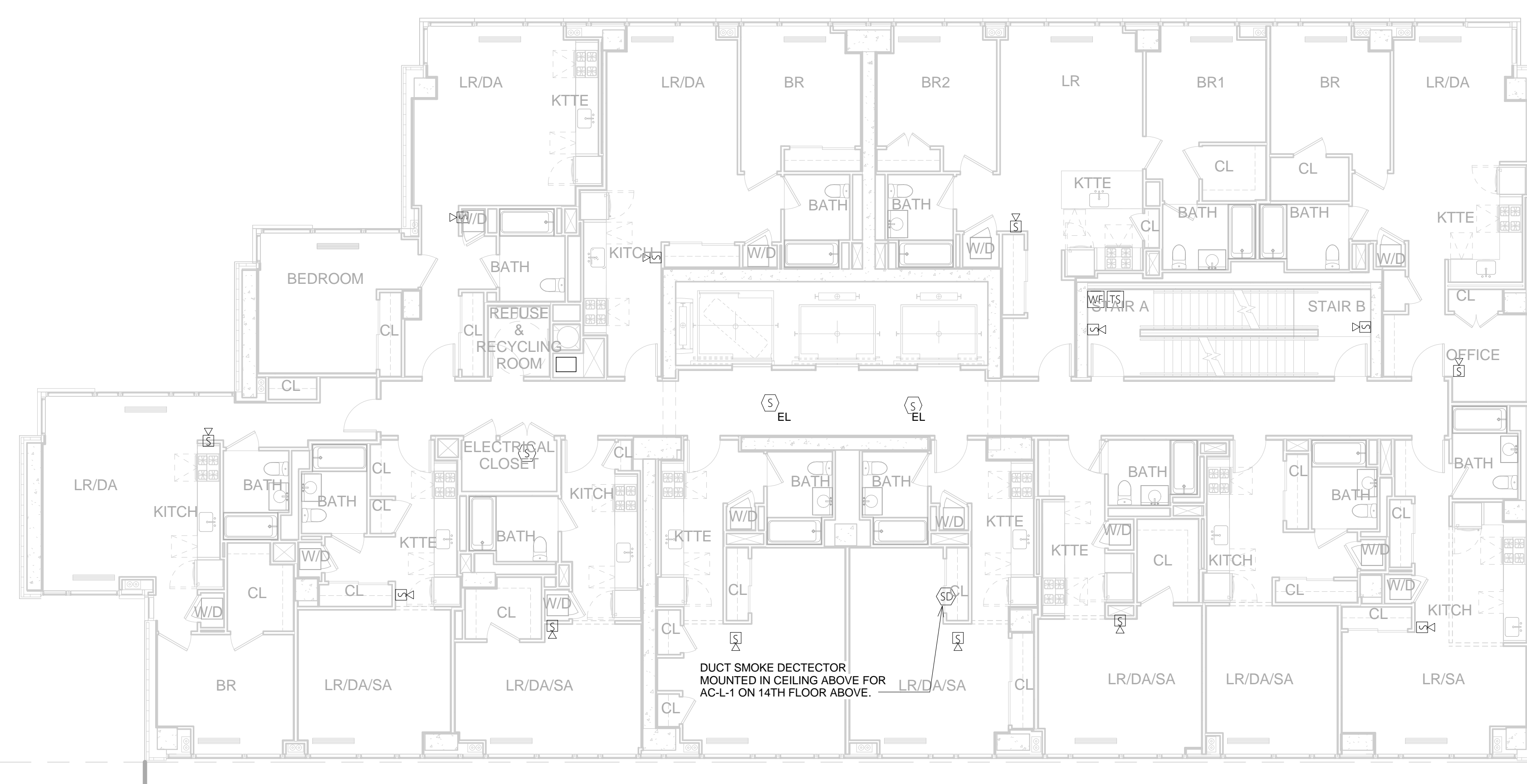
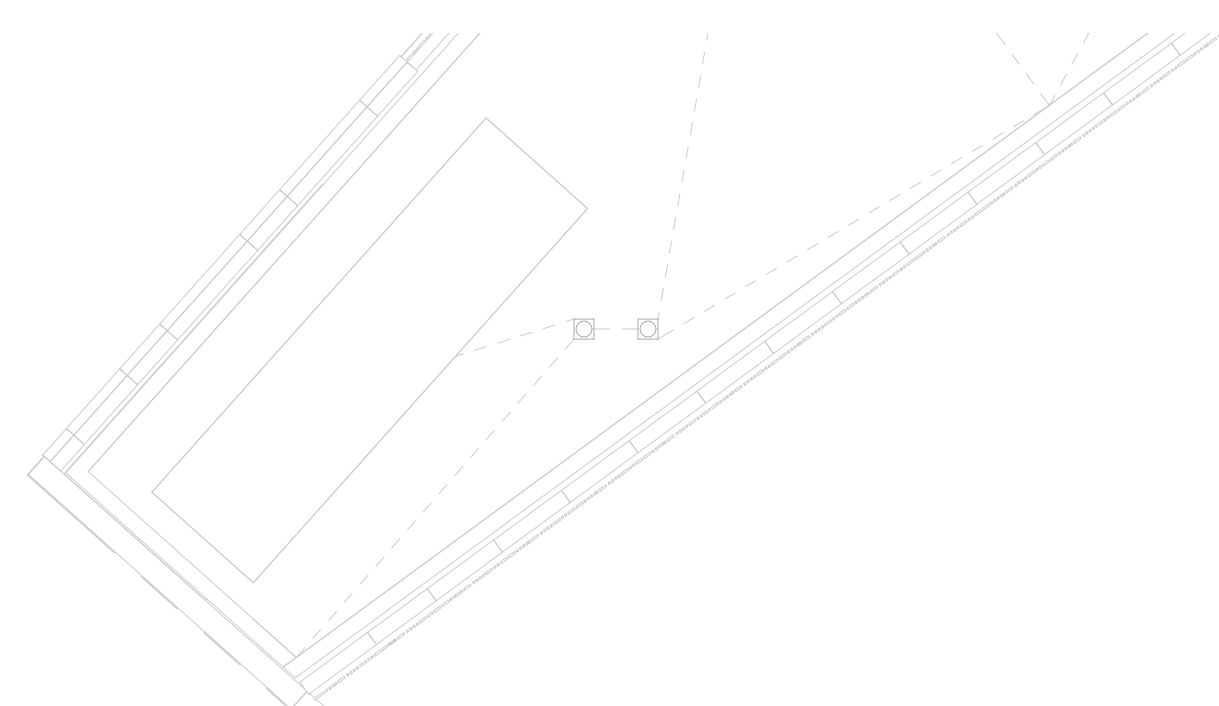
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FA-202T

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② 14TH FLOOR TENANT FIRE ALARM PLAN
1/8" = 1'-0"



① 3RD - 13TH FLOOR TENANT FIRE ALARM PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
NO.	REVISIONS / SUBMISSIONS	DATE

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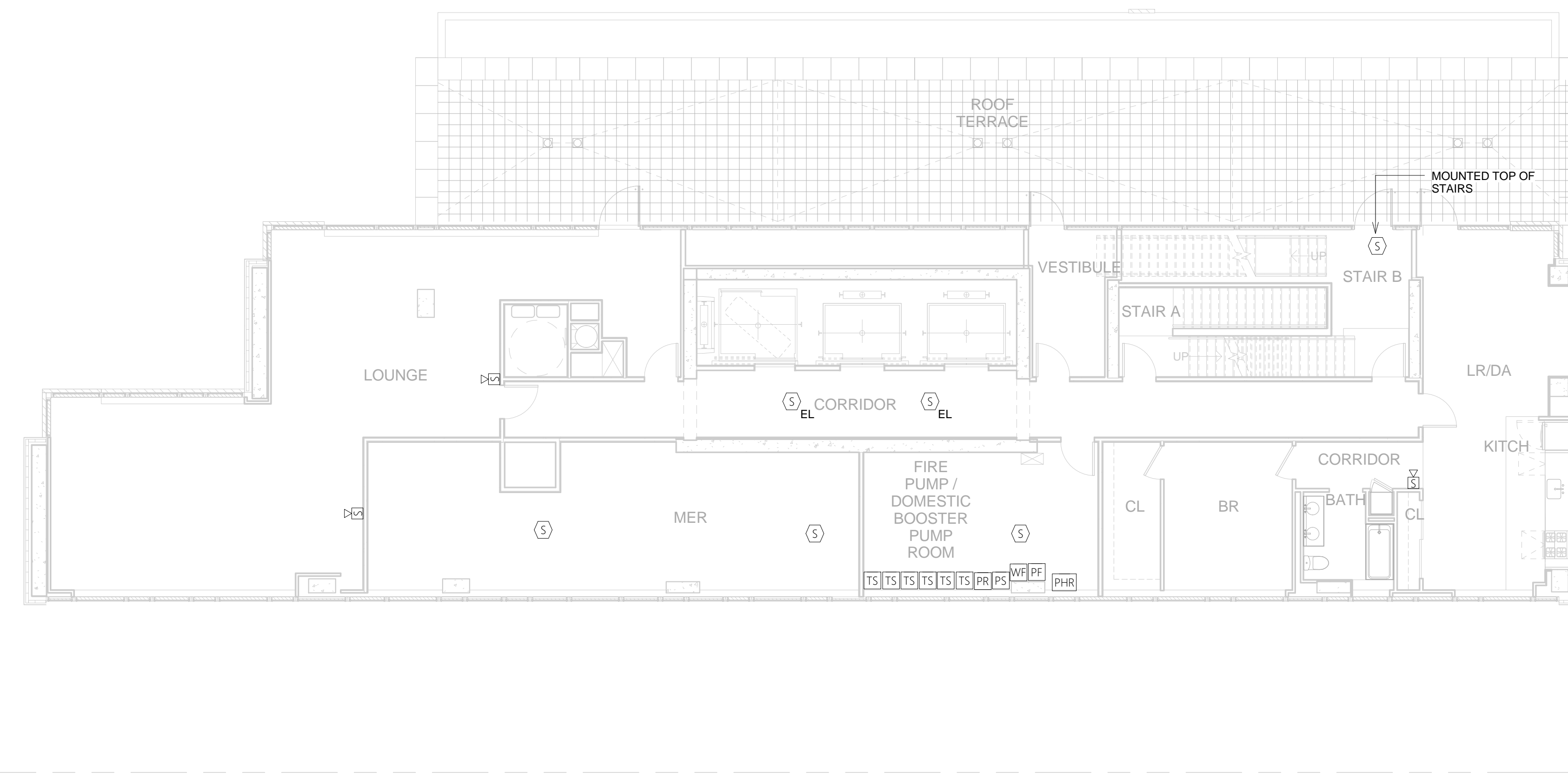
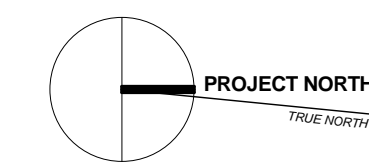
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LIC PURVES STREET DEVELOPMENT
 44-30 PURVES STREET, QUEENS, NY

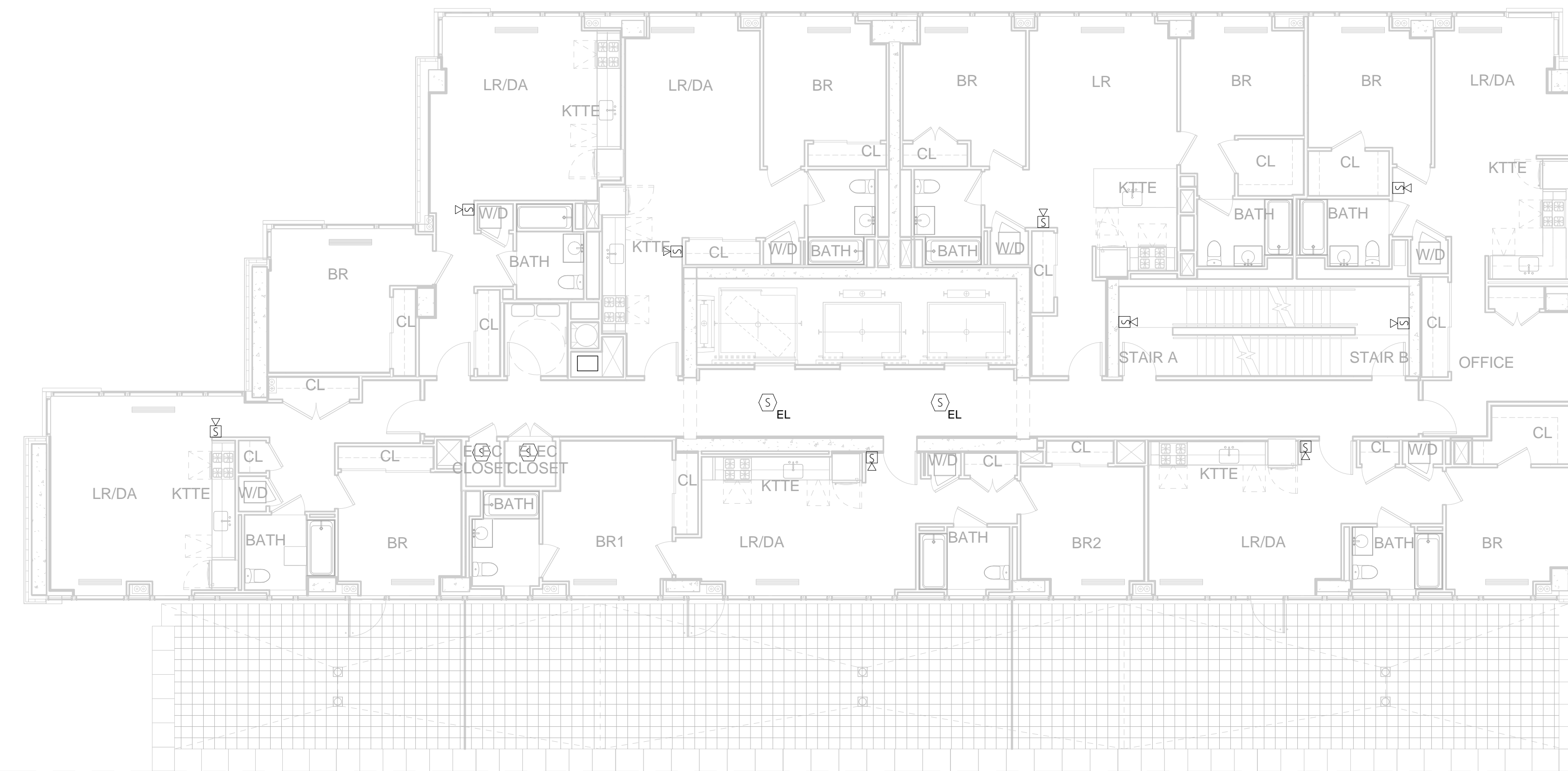
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② 33RD FLOOR TENANT FIRE ALARM PLAN
1/8" = 1'-0"



① 15TH - 32ND TENANT FIRE ALARM PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
NO.	REVISIONS / SUBMISSIONS	DATE

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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
**15TH - 33RD FLOOR
TENANT FIRE ALARM PLANS**

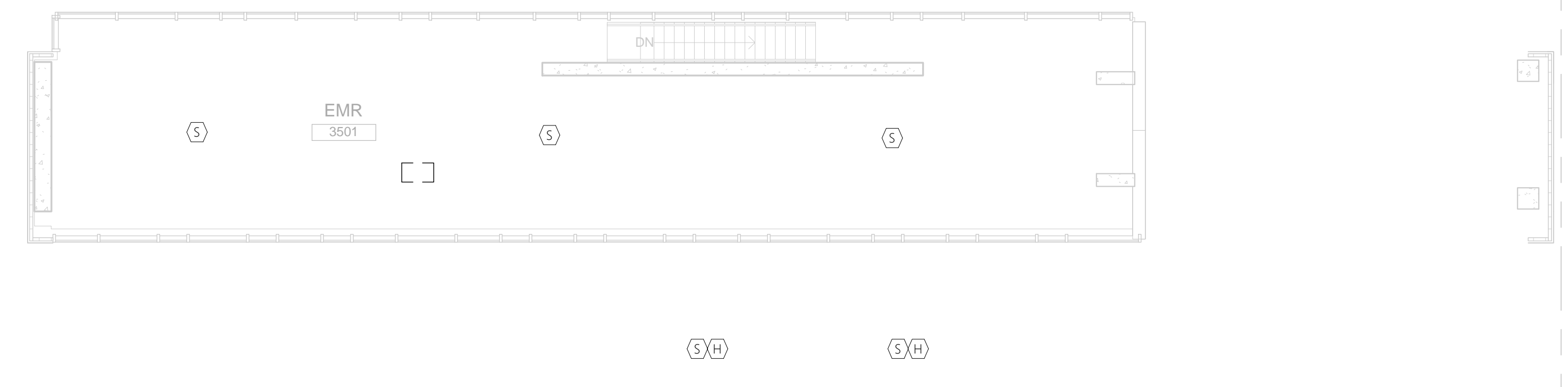
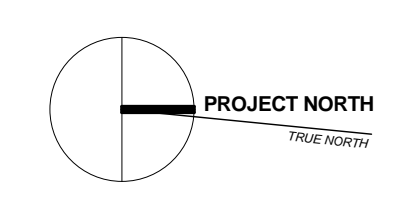
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FA-215T

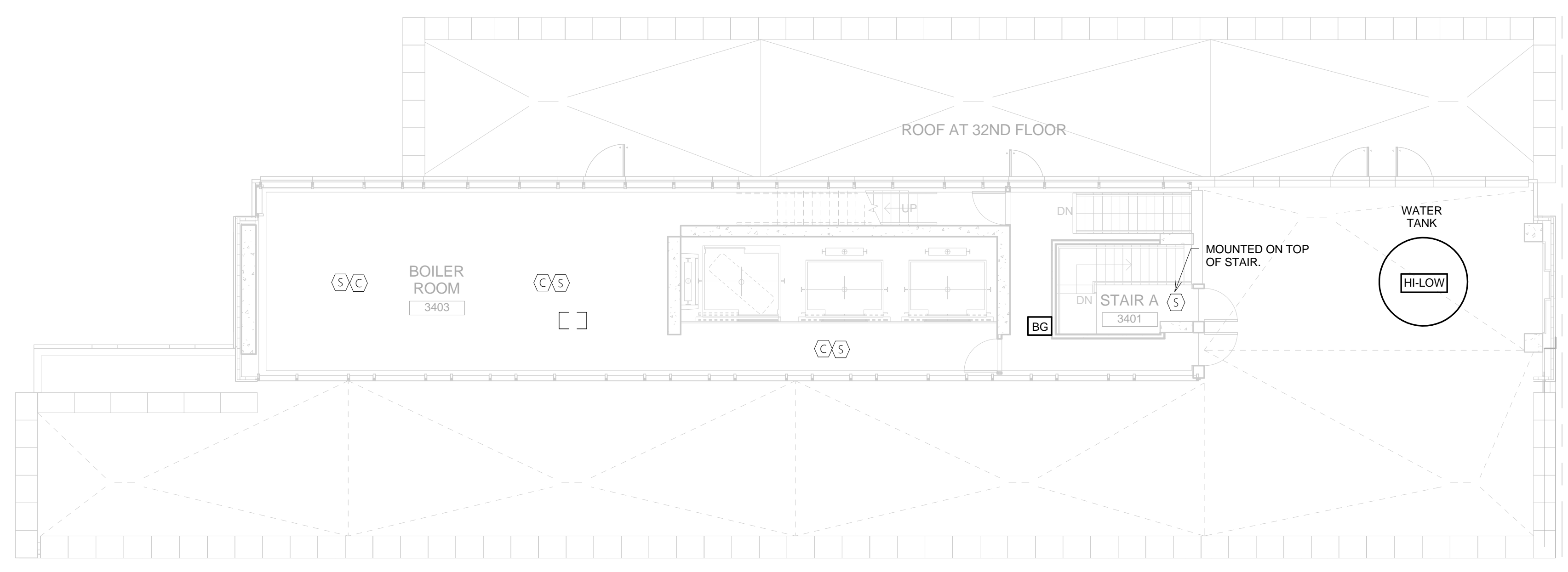
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② EMR TENANT FIRE ALARM PLAN
1/8" = 1'-0"



① LOWER ROOF TENANT FIRE ALARM PLAN
1/8" = 1'-0"

DESIGN DEVELOPMENT		05/30/2014
NO.	REVISIONS / SUBMISSIONS	DATE

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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

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**LOWER ROOF & EMR
TENANT FIRE ALARM PLANS**

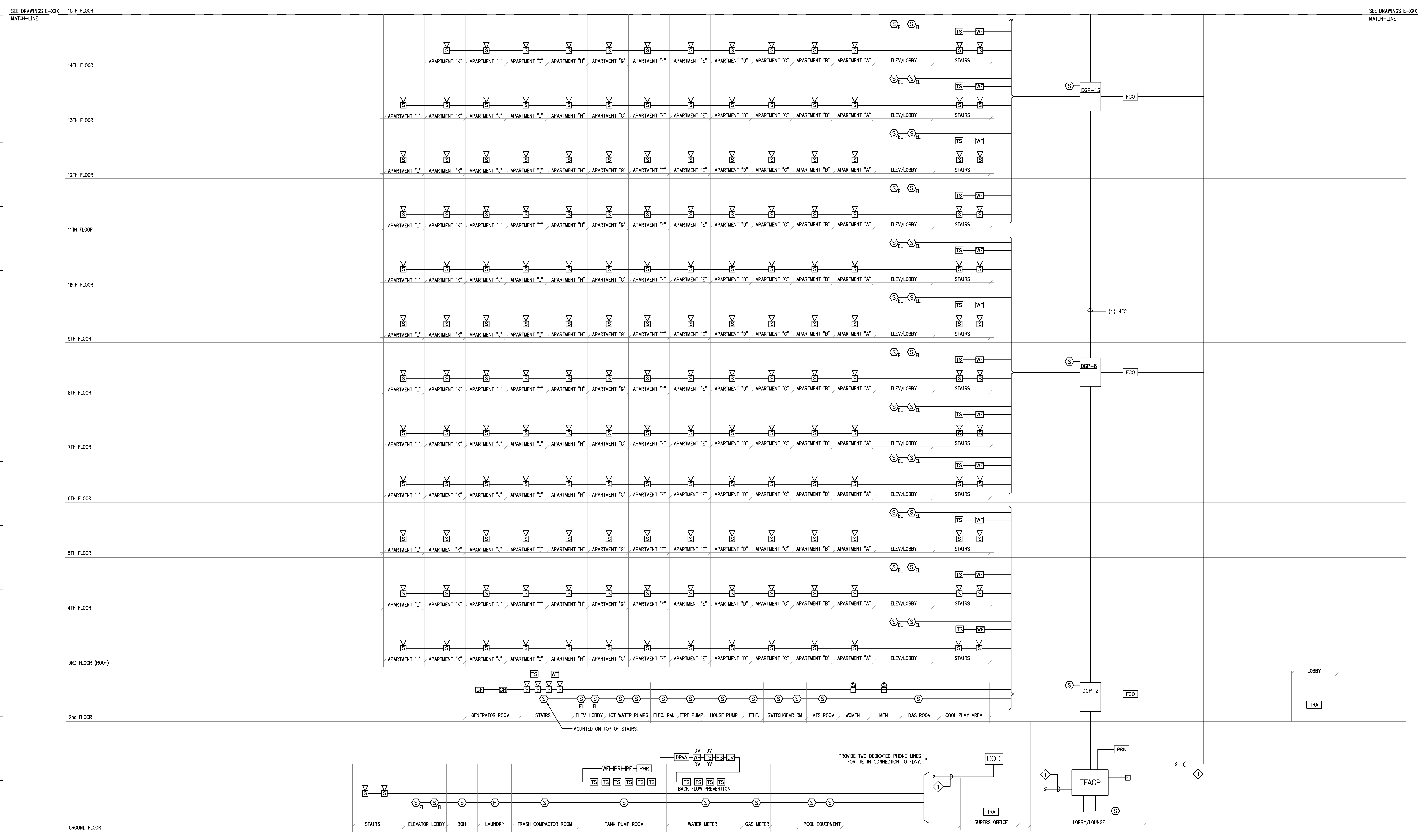
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REFERENCE NOTES:
 1. REQUIRED CONDUIT AND WIRING TO DEDICATED FUSE OUT IN FUSE CUT OUT PANEL.

1 TENANT FIRE ALARM RISER DIAGRAM SHEET 1 OF 2
 NO SCALE

DESIGN DEVELOPMENT 05/30/2014
 SCHEMATIC DESIGN 03/14/2014
 PRELIMINARY SUBMISSIONS DATE

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LIC PURVES STREET DEVELOPMENT
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DRAWING TITLE:
TENANT FIRE ALARM RISER DIAGRAM SHEET 1 OF 2

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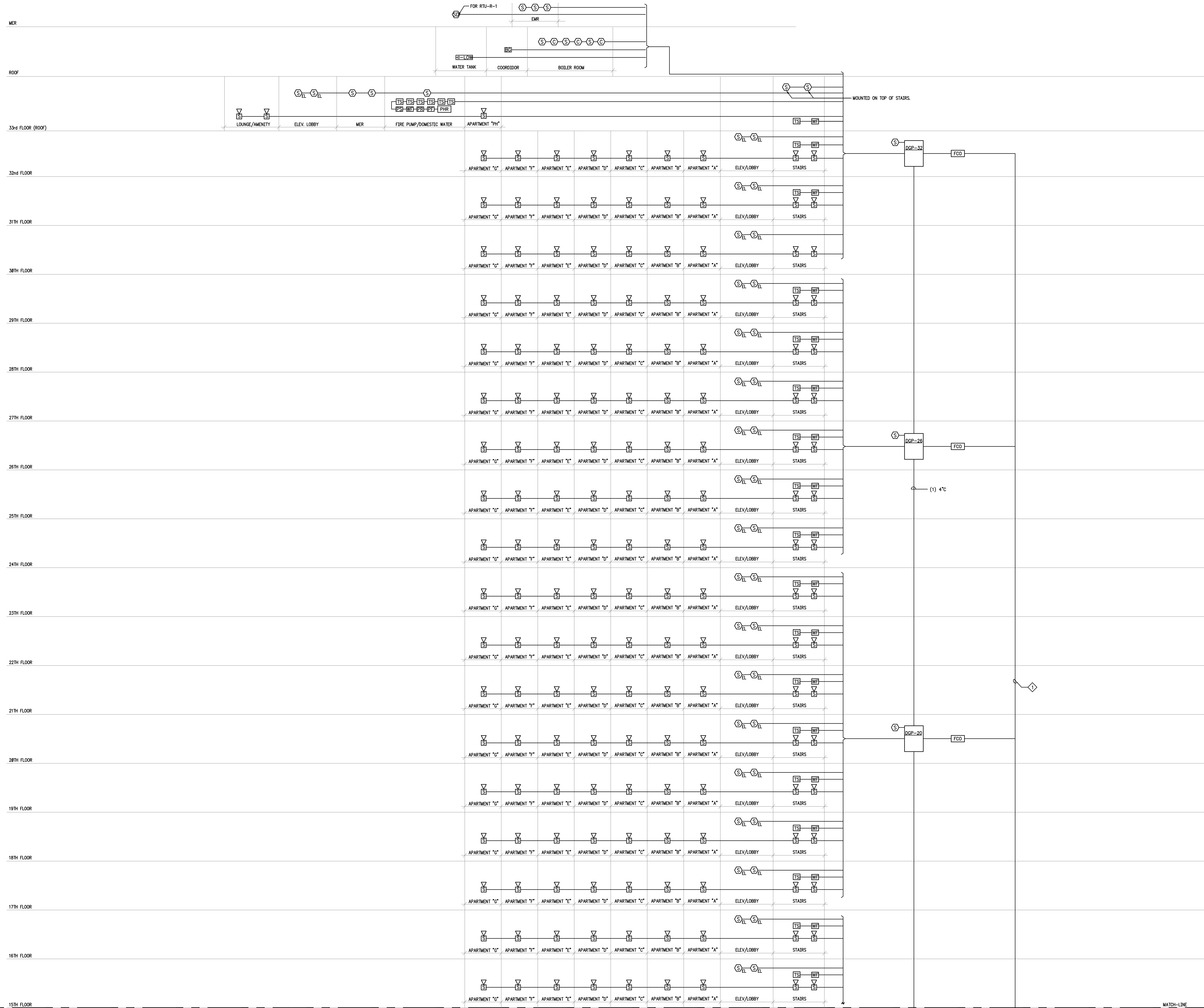
FA-401AT

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REFERENCE NOTES:

1. REQUIRED CONDUIT AND WIRING TO DEDICATED FUSE CUT OUT IN FUSE CUT OUT PANEL.



TENANT FIRE ALARM RISER DIAGRAM SHEET 2 OF 2
NO SCALE

-	DESIGN DEVELOPMENT	05/30/2014
-	SCHEMATIC DESIGN	03/14/2014
NO.	REVISIONS / SUBMISSIONS	DATE

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44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
TENANT FIRE ALARM RISER DIAGRAM SHEET 2 OF 2

Seal:	Drawn: MIF	Project No.:	13072.L00
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SYSTEM INPUTS		SYSTEM OUTPUTS																										
		CONTROL UNIT ANNUNCIATION							NOTIFICATION							REQUIRED FIRE SAFETY CONTROL												
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	AA	BB	CC	DD
1	MANUAL FIRE ALARM BOXES	X	X							X	X										X							
2	SMOKE DETECTORS	X	X							X	X									X	X	X						
3	IN-DUCT SMOKE DETECTORS	X	X							X	X									X	X		X	X				
4	HEAT DETECTORS	X	X							X	X									X	X							
5	ELEVATOR SHAFT SMOKE DETECTORS (IF USED)	X	X							X	X									X	X							
6	WATERFLOW	X	X							X			X							X	X	X		X	X			
7	SPRINKLER CONTROL VALVE			X	X					X				X						X	X							
8	FIRE PUMP RUNNING		X	X						X					X													
9	TANK LOW/HIGH LEVEL			X	X					X				X														
10	FIRE PUMP POWER FAILURE/REVERSAL					X	X			X						X												
11	FIRE ALARM AC FAILURE				X	X				X							X											
12	FIRE ALARM SYSTEM LOW BATTERY				X	X				X							X											
13	OPEN CIRCUIT				X	X				X							X											
14	GROUND FAULT				X	X				X							X											
15	TENANT SYSTEM ALARM	X	X							X	X							X		X	X							
16	TENANT SYSTEM TROUBLE				X	X				X							X											
17	DRILL SWITCH									X																		
18	EMERGENCY GENERATOR RUNNING CONTACT									X															X			
19	EMERGENCY GENERATOR MALFUNCTION CONTACT									X															X			
20	EMERGENCY GENERATOR FUEL SUPPLY CONTACT									X															X			
21	EMERGENCY GENERATOR DAY TANK RUPTURE BASIN FUEL CONTACT									X															X			
22	EMERGENCY GENERATOR BATTERY SYSTEM DC MALFUNCTION CONTACT									X															X			
23	EMERGENCY GENERATOR LOSS OF AC POWER CONTACT									X															X			
24	TURN SMOKE CONTROL 2642 KEY TO MANUAL ON POSITION							X	X																	X	X	
25																												

TENANT FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX

DESIGN DEVELOPMENT 05/30/2014
SCHEMATIC DESIGN 05/14/2014
NO. REVISIONS SUBMISSIONS DATE

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LIC PURVES STREET DEVELOPMENT
44-30 PURVES STREET, QUEENS, NY

DRAWING TITLE:
TENANT FIRE ALARM MATRIX

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