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+
engineers

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Latham, NY 12110
518.765.5105 • www.h2m.com

CONSULTANTS:		

MARK	DATE	DESCRIPTION
1	1/17/2022	Addendum #1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
JRM	KJE		
PROJECT No:	DATE:	SCALE:	
MKIV 1802	12/13/2021	AS SHOWN	

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

99 MAIN STREET, MOUNT KISCO, NY 10549

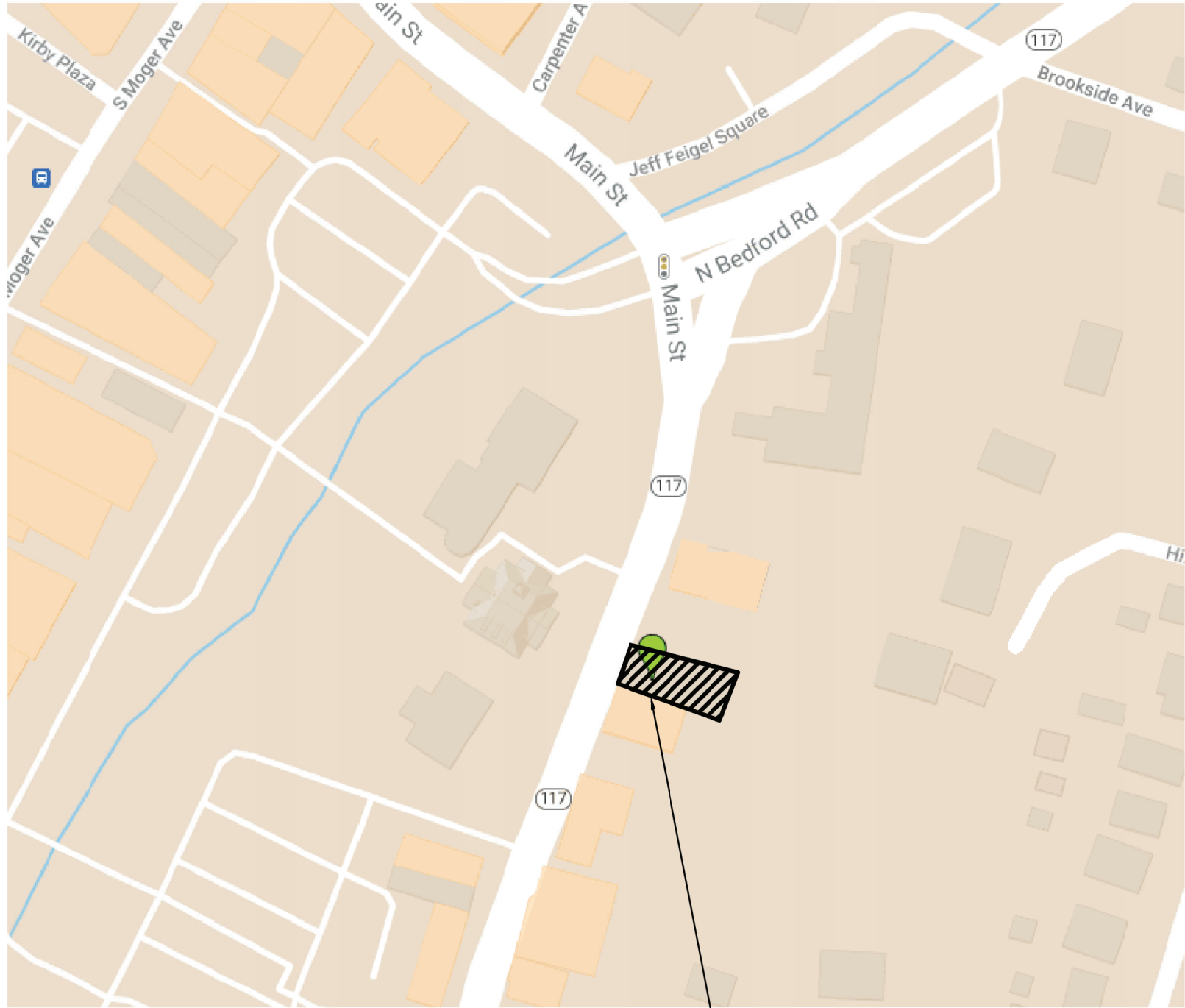
CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
PLUMBING SITE PLAN

DRAWING No.
PS 100.01

TAX NUMBER			
DISTRICT 0100	SECTION 80	BLOCK 3	LOT 1



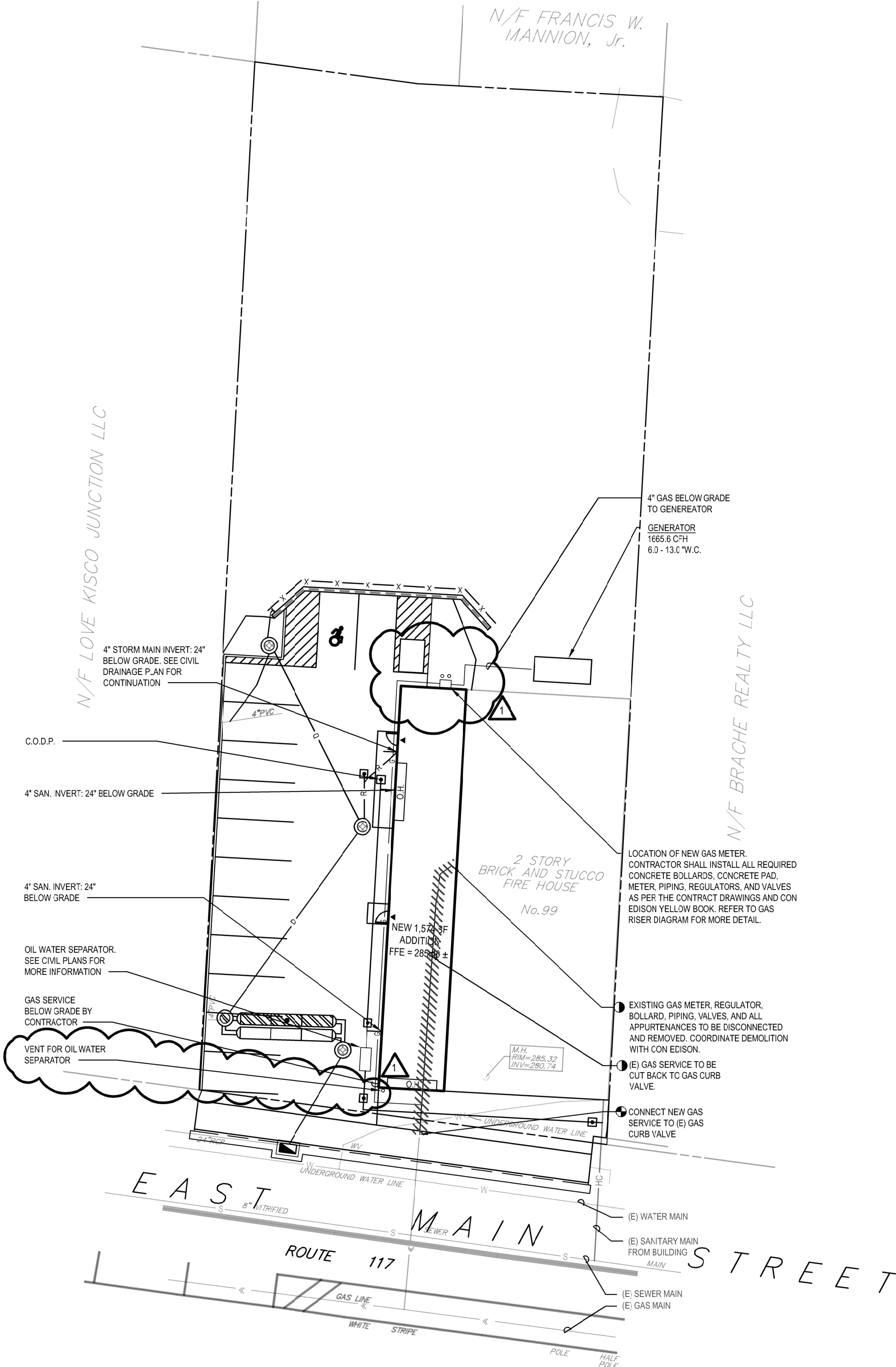
2 Key Map
SCALE: NTS

DOMESTIC WATER SERVICE BACKFLOW PREVENTION DEVICE GENERAL NOTES:

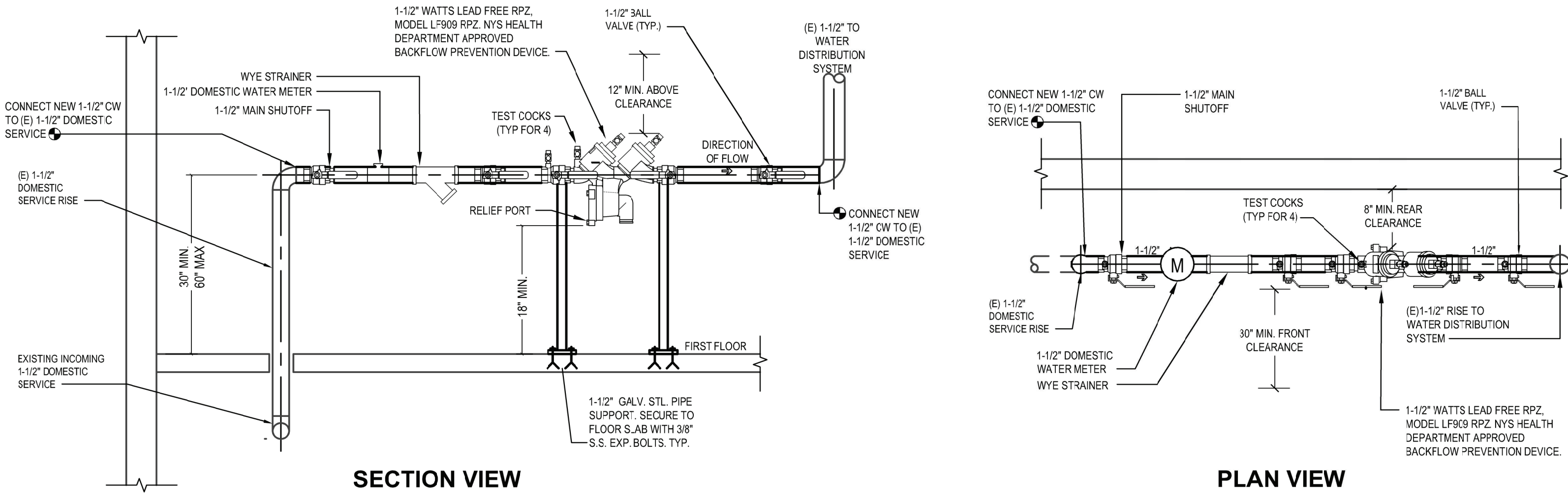
- INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE COUNTY DEPARTMENT OF HEALTH SERVICES, NEW YORK STATE HEALTH DEPARTMENT REGULATIONS, AND VILLAGE OF MT. KISCO WATER DEPARTMENT REGULATIONS.
- ALL CONNECTIONS ON THE WATER SERVICE SHALL BE DOWNSTREAM FROM THE BACKFLOW PREVENTION DEVICE. BYPASSING OF A BACKFLOW PREVENTION DEVICE IS A VIOLATION OF NEW YORK STATE HEALTH DEPARTMENT RULES AND REGULATIONS.
- THE CONTRACTOR SHALL ENGAGE A CERTIFIED BACKFLOW PREVENTION DEVICE TESTER TO TEST THE BACKFLOW PREVENTION DEVICE AFTER INSTALLATION. IT IS THE OWNER'S RESPONSIBILITY TO HAVE EACH DEVICE CERTIFIED AT LEAST ANNUALLY WITH RESULTS REPORTED TO MT. KISCO AND TO THE COUNTY DEPARTMENT OF HEALTH ON NY STATE FORM GEN 215. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELATED TESTING AND APPLICATION FEES.
- SHUT-OFF VALVES ON DOMESTIC WATER SERVICE BFP DEVICE SHALL BE BALL VALVES AND SHALL BE SAME MANUFACTURER AS BFP DEVICE.
- TEST COCKS ON THE BFP DEVICE SHALL BE POSITIONED TO FACILITATE TESTING WITH 30" MINIMUM CLEARANCE.
- BACKFLOW DEVICES MAY NOT BE MODIFIED IN ANY WAY DURING INSTALLATION
- PIPING SHALL BE UN-BRANCHED AND UNRESTRICTED FROM THE SUPPLY MAIN TO THE DEVICE, EXCEPT FOR THE METER ON THE DOMESTIC SERVICE.
- CONTRACTOR SHALL PROVIDE APPROPRIATE FLOOR/WALL SUPPORTS FOR ALL DEVICES AND PIPING. ALL SUPPORTS/HANGERS/CLAMPS SHALL BE GALVANIZED STEEL.
- BACKFLOW DEVICES SHALL BE APPROVED BY THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
- THE ROOM WHERE THE DEVICES ARE LOCATED SHALL BE HEATED AND SHALL HAVE LIGHTING.
- WHERE THE DISTANCE BETWEEN THE WATER METER AND DEVICE IS GREATER THAN 10'-0", ALL EXPOSED PIPING MUST BE LABELED EVERY 5'-0" DISPLAYING THE WORDS "FEED TO BACKFLOW PREVENTER, DO NOT TAP."
- DEVICE MAY NOT BE INSTALLED HIGHER THAN 5'-0" ABOVE THE FLOOR OR A FIXED PLATFORM IS REQUIRED.

SERVICE FEE NOTE:

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSOCIATED TAP, PERMIT AND METER FEES FOR WATER SERVICES.



1 Plumbing Site Plan
SCALE: 1" = 20'-0"



3 Domestic Service BFP Device Detail
SCALE: NTS

X:\MKIV\1 Village of Mount Kisco\MKIV1802 Mutual Fire Station\02-BM-CDD-Cross-connection\Revised\Plumbing Site Plan.dwg Last Modified: Jan 14, 2022 - 1:30pm Plotted on: Jan 14, 2022 - 2:54pm By: h2m\jrm

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ADDITIONS AND ALTERATIONS TO MUTUAL STATION



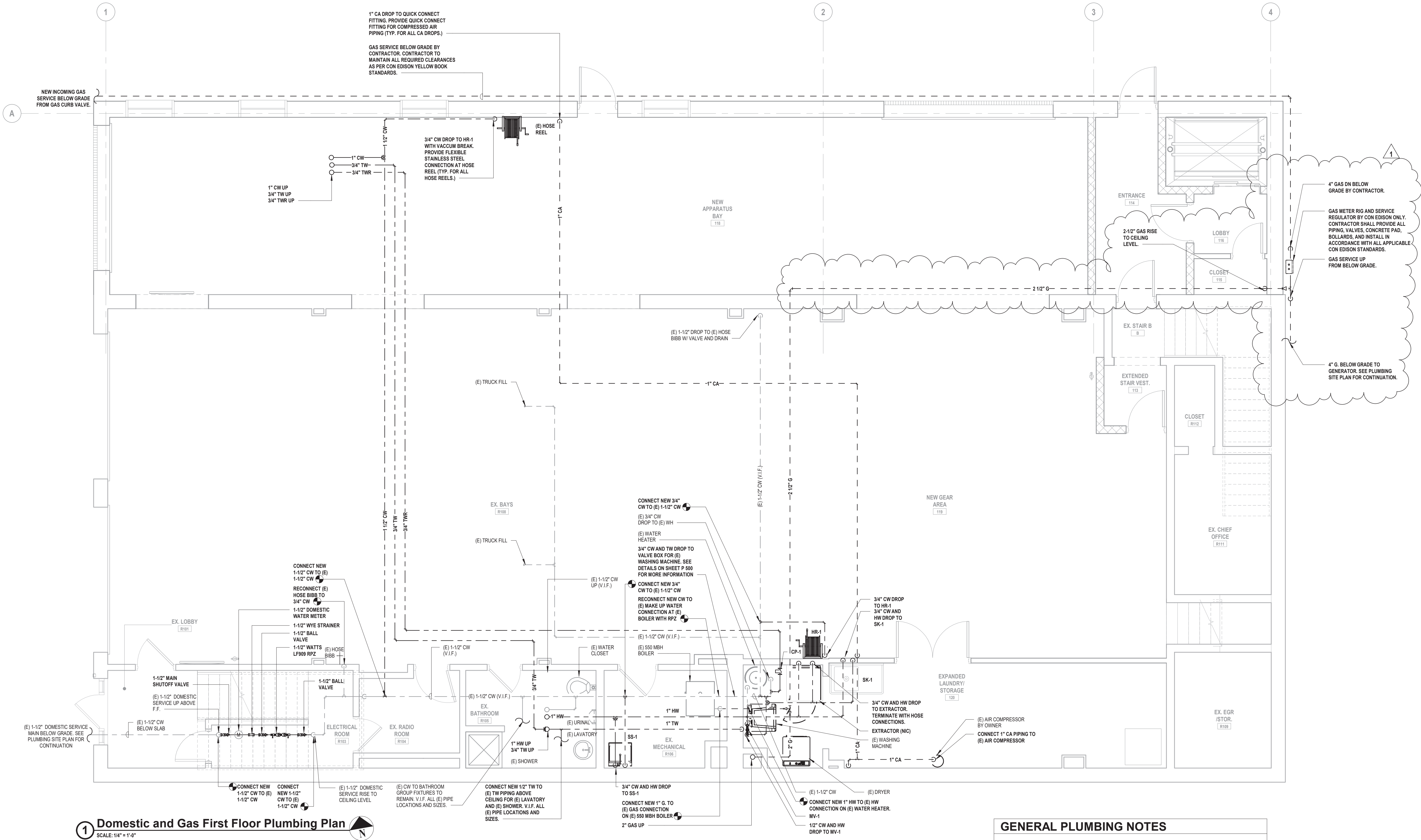
99 MAIN STREET, MOUNT KISCO, NY 10549

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SHEET TITLE
DOMESTIC WATER AND GAS FIRST FLOOR PLUMBING PLAN

DRAWING No.
P 120.01



1 Domestic and Gas First Floor Plumbing Plan
SCALE: 1/4" = 1'-0"

GENERAL PLUMBING NOTES

- VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW AND EXISTING PLUMBING FIXTURES.
- INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING WATER PIPING WHERE INSULATION IS DAMAGED OR MISSING.
- CHASE WALLS WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.
- INSTALL NEW SHUT OFF VALVES ON ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING TOILETS.
- PROVIDE PIPE IDENTIFICATION ON ALL NEW AND EXISTING PIPING
- PROVIDE VALVE TAGS ON ALL NEW AND EXISTING VALVES.

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO
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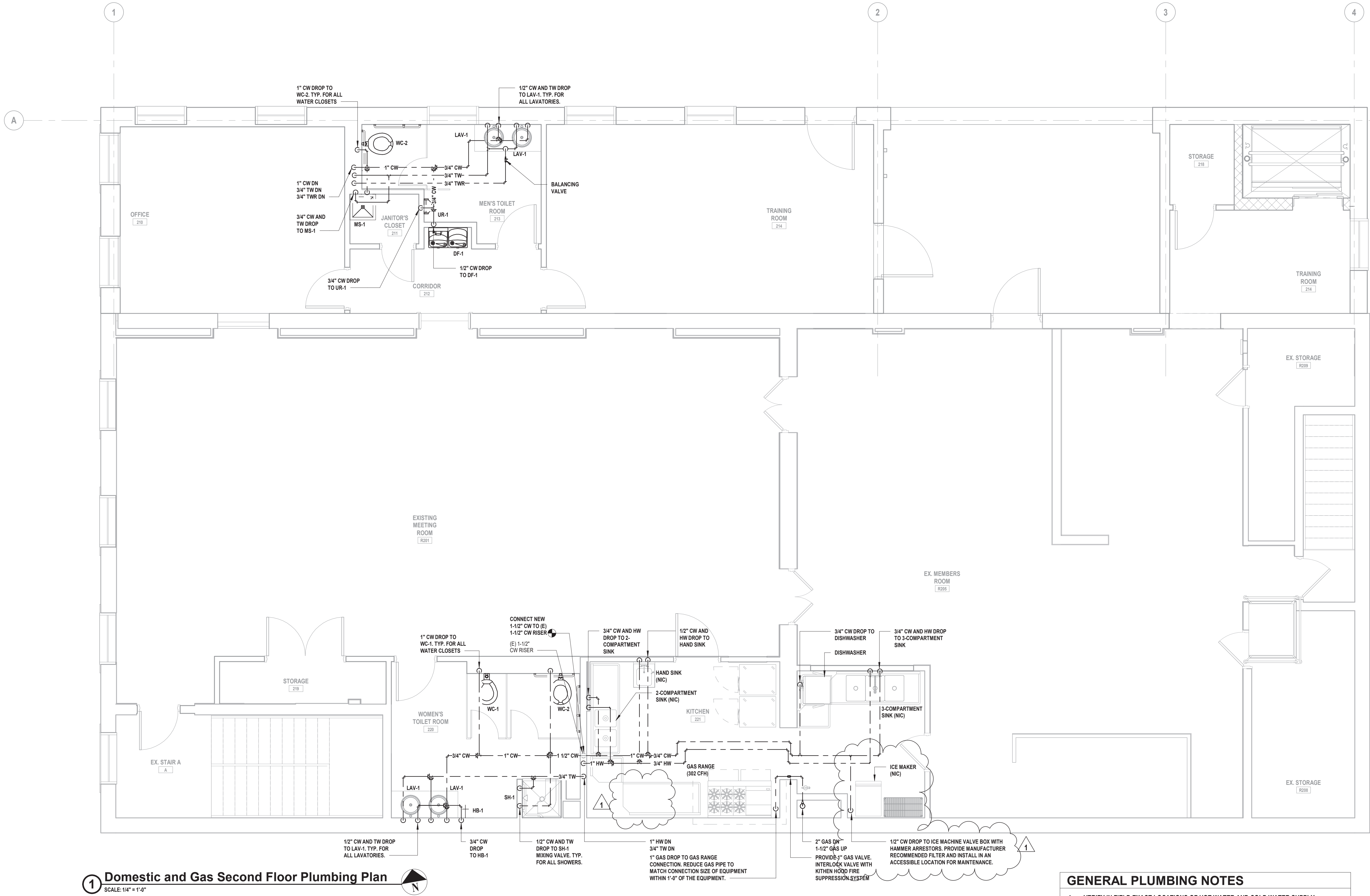
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NY 10549

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SHEET TITLE
DOMESTIC WATER AND
GAS SECOND FLOOR
PLUMBING PLAN

DRAWING No.
P 121.01



1 Domestic and Gas Second Floor Plumbing Plan
SCALE: 1/4" = 1'-0"

GENERAL PLUMBING NOTES

1. VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW AND EXISTING PLUMBING FIXTURES.
2. INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING WATER PIPING WHERE INSULATION IS DAMAGED OR MISSING.
3. CHASE WALLS WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.
4. INSTALL NEW SHUT OFF VALVES ON ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING TOILETS.
5. PROVIDE PIPE IDENTIFICATION ON ALL NEW AND EXISTING PIPING
6. PROVIDE VALVE TAGS ON ALL NEW AND EXISTING VALVES.

1. VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW AND EXISTING PLUMBING FIXTURES.
2. ALL 3" & 4" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/8"/FT. ALL 1-1/2" & 2" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/4"/FT.
3. CHASE WALLS WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.




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VILLAGE OF MOUNT KISCO

**ADDITIONS AND ALTERATIONS TO
MUTUAL STATION**



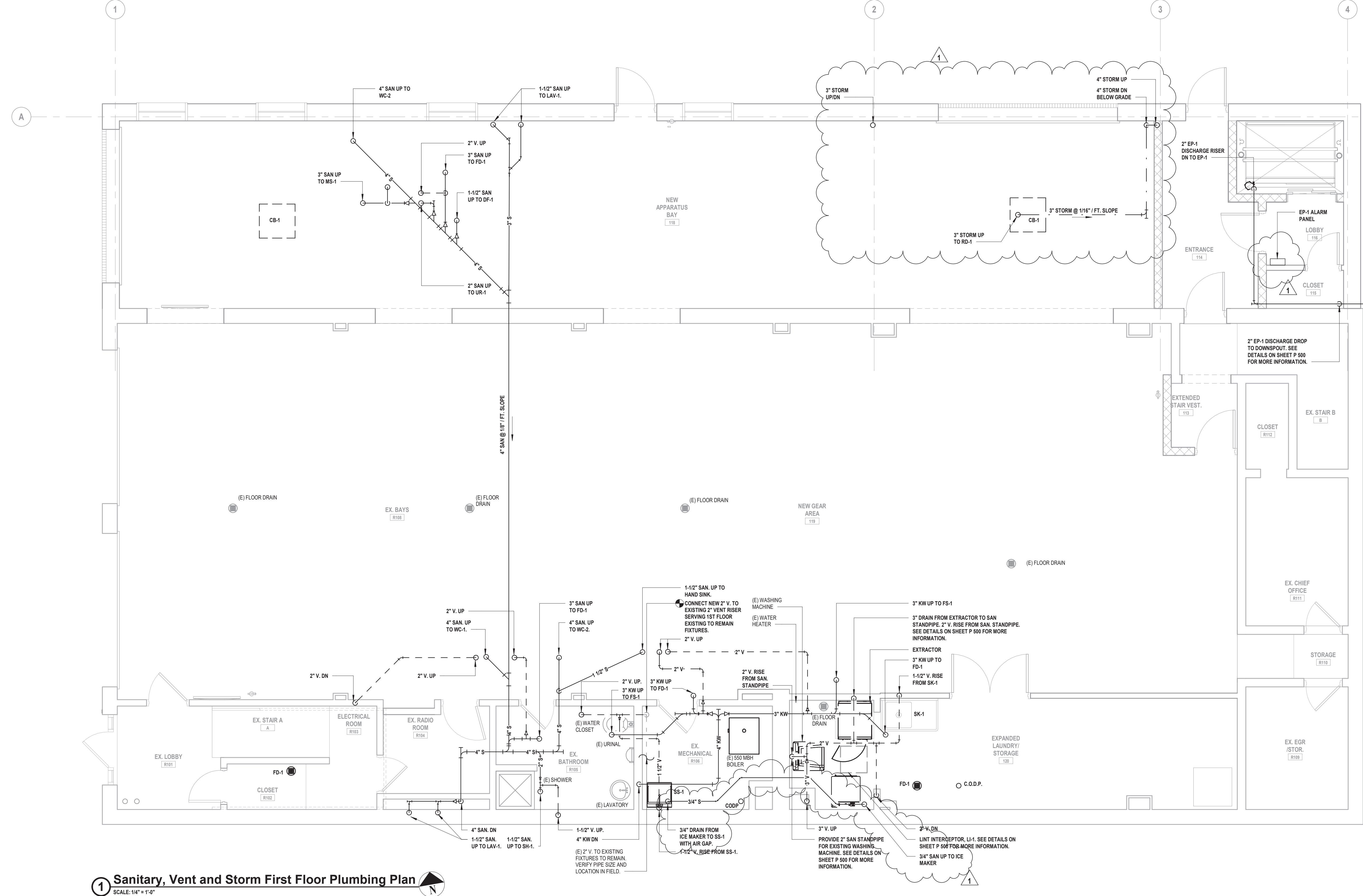
**99 MAIN STREET, MOUNT KISCO,
NY 10549**

DRAWING No.

P 130.01

GENERAL PLUMBING NOTES

1. VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW AND EXISTING PLUMBING FIXTURES.
2. ALL 3" & 4" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/8"/FT. ALL 1-1/2" & 2" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/4"/FT. KITCHEN WASTE TO BE SLOPED AT 1/4"/FT. MINIMUM.
3. CHASE WALLS WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.



1 Sanitary, Vent and Storm First Floor Plumbing Plan
SCALE: 1/4" = 1'-0"

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO
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99 MAIN STREET, MOUNT KISCO,
NY 10549

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CONTRACT G
GENERAL CONSTRUCTION

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CONSTRUCTION DOCUMENTS

SHEET TITLE

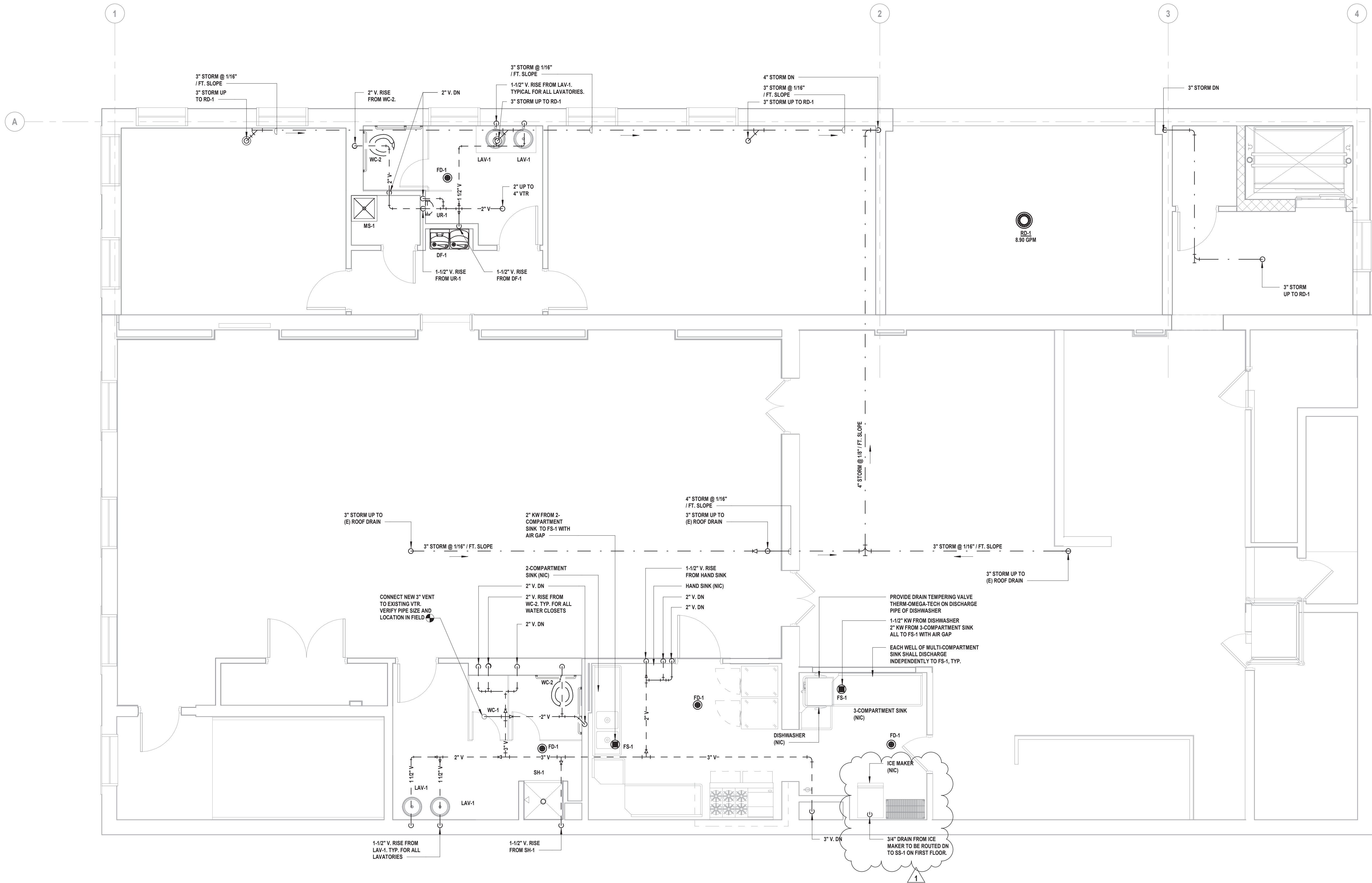
**SANITARY, VENT & STORM
FIRST FLOOR PLUMBING
PLAN**

DRAWING No.

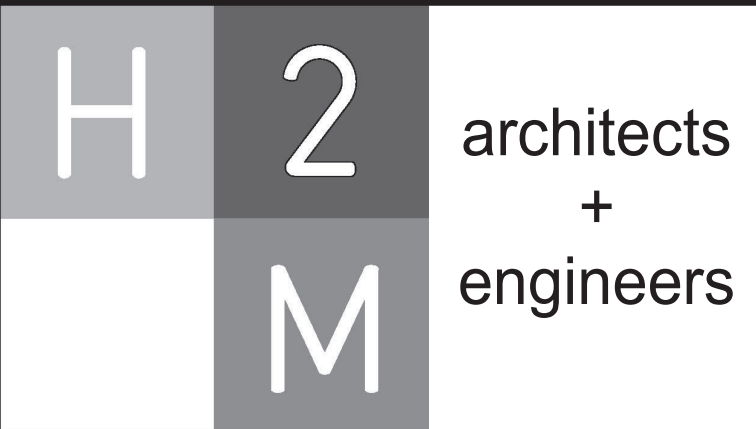
P 131.01

GENERAL PLUMBING NOTES

1. VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW AND EXISTING PLUMBING FIXTURES.
2. ALL 3" & 4" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/8"/FT. ALL 1-1/2" & 2" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/4"/FT.
3. CHASE WALLS WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.



1 Sanitary, Vent and Storm Second Floor Plumbing Plan
SCALE: 1/4" = 1'-0"



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NY 10549

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SHEET TITLE

**SANITARY, VENT & STORM
SECOND FLOOR
PLUMBING PLAN**

DRAWING No.

P 132.01

ELECTRICAL LEGEND								ELECTRICAL SHEET LIST	
SYMBOL	DESCRIPTION	COMMENTS	ABBREVIATION	DESCRIPTION	SYMBOL	DESCRIPTION	COMMENTS	Sheet Number	Sheet Name
S ₃	THREE - WAY SWITCH	46" AFF TO CL UON	AFF	ABOVE FINISH FLOOR		LINE VOLTAGE THERMOSTAT, 120V, 10A.		E 001	ELECTRICAL GENERAL NOTES AND LEGENDS
S ₄	FOUR - WAY SWITCH	46" AFF TO CL UON	AFC	ABOVE FINISH CEILING		CIRCUIT BREAKER WITH TRIP AND POLES AS NOTED.		ED 111	ELECTRICAL DEMOLITION PLAN FIRST FLOOR
S _I	ILLUMINATED SWITCH	46" AFF TO CL UON	AFG	ABOVE FINISH GRADE		TRANSFER SWITCH TS1; SEE TRANSFER SWITCH SCHEDULE.		ED 112	ELECTRICAL DEMOLITION PLAN SECOND FLOOR
S ^A	SINGLE POLE SWITCH; "A" INDICATES SWITCH CONTROL	46" AFF TO CL UON	AMP, A	AMPERE				ED 113	ELECTRICAL DEMOLITION PLAN ROOF
S _D	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON	ATS	AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE		DISTRIBUTION PANEL P1 WITH 30A, 2 POLE M.C.B.; SEE DISTRIBUTION PANEL SCHEDULE.		ES 100	ELECTRICAL SITE PLAN
S _{3D}	THREE - WAY DIMMER SWITCH	46" AFF TO CL UON	AWG	AMERICAN WIRE GAUGE		DISCONNECT SWITCH DS1, 100A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.		E 101	ELECTRICAL POWER PLAN FIRST FLOOR
S _K	SINGLE POLE KEYED SWITCH	46" AFF TO CL UON	BFC	BELOW FINISHED CEILING		FUSED DISCONNECT SWITCH DS2, FUSED AT 40A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.		E 102	ELECTRICAL POWER PLAN SECOND FLOOR
S _{K3}	KEYED THREE - WAY SWITCH	46" AFF TO CL UON	CL	CENTERLINE		GENERATOR SET G1		E 111	ELECTRICAL HVAC POWER PLAN FIRST FLOOR
S _{K4}	KEYED FOUR - WAY SWITCH	46" AFF TO CL UON	CT	COUNTERTOP		ELECTRIC METER AND METER PAN AS PER PSEG REQUIREMENTS.		E 112	ELECTRICAL HVAC POWER PLAN SECOND FLOOR
S _M	HORSEPOWER RATED SWITCH, WITH INDICATOR (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	46" AFF	EC	ELECTRICAL CONDUIT		MOTOR, NUMBER INDICATED HORSEPOWER.		E 121	ELECTRICAL LIGHTING PLAN FIRST FLOOR
S _P	SWITCH AND PILOT LIGHT		GFCI	GROUND FAULT CIRCUIT INTERRUPTER		CURRENT TRANSFORMER.		E 122	ELECTRICAL LIGHTING PLAN SECOND FLOOR
S _T	SWITCH WITH THERMAL OVERLOAD PROTECTION (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)		GFI	GROUND FAULT INDICATOR		VOLTAGE TRANSFORMER.		E 140	ELECTRICAL GENERATOR PLAN
S _{OS}	OCCUPANCY SENSOR WITH MANUAL OVERRIDE, WALL MOUNT		CON ED	CON EDISON (LOCAL ELECTRIC UTILITY)		TRANSFORMER WITH SIZE, PRIMARY AND SECONDARY VOLTAGES AS NOTED.		E 500	ELECTRICAL DETAILS
	TIME CLOCK		MCB	MAIN CIRCUIT BREAKER		REDUCED VOLTAGE SOLID STATE RAMPING MODULE, SIZED FOR 10 H.P.		E 501	ELECTRICAL DETAILS
	PHOTOCELL		MLO	MAIN LUGS ONLY		REDUCED VOLTAGE SOLID STATE STARTER, SIZED FOR 150 H.P.		E 540	ELECTRICAL GENERATOR DETAILS
	PUSH BUTTON		NTS	NOT TO SCALE		VARIABLE FREQUENCY DRIVE, RATED FOR 25 H.P.		E 600	ELECTRICAL SCHEDULES
	EMERGENCY SHUT OFF SWITCH; 'E' INDICATES ELECTRICAL; 'G' INDICATES GAS		UON	UNLESS OTHERWISE NOTED		FULL VOLTAGE NON-REVERSING STARTER, NEMA SIZE 6		E 601	ELECTRICAL PANEL SCHEDULES
	OCCUPANCY SENSOR, CEILING MOUNT		UC	UNDERCOUNTER		FULL VOLTAGE REVERSING STARTER, NEMA SIZE 5		E 610	ELECTRICAL SINGLE LINE DIAGRAM
	OCCUPANCY SENSOR POWER PACK, MOUNTED ABOVE CEILING		V	VOLTS		FAST ACTING SOLID STATE FUSES AS PER MANUFACTURER.			
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING		VAC	VOLTS ALTERNATING CURRENT		MULTIPLE BRANCH CIRCUITS AS REQUIRED.			
	5 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING		VDC	VOLT DIRECT CURRENT		CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4" E.C.			
	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB		X-FMR	TRANSFORMER					
	DEDICATED HOME RUN TO PANEL LP1 FOR CIRCUIT No. 35 ONLY. 2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING		WP	WEATHERPROOF					
	SIMPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH							
	DUPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH							
	QUAD RECEPTACLE, DOUBLE DUPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH							
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "C" INDICATES CEILING MOUNT.	FLUSH							
	DUPLEX RECEPTACLE: 120V, 20A; FLOOR MOUNTED.	FLUSH							
	ISOLATED GROUND DUPLEX RECEPTACLE. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH							
	DUPLEX RECEPTACLE: 120V, 20A; WITH GROUND FAULT INDICATOR. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH							
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "UC" INDICATES UNDER COUNTER	AS PER ENGINEER							
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "CT" INDICATES COUNTER TOP.	AS PER ENGINEER							
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "WP" INDICATED WEATHER PROOF	AS PER ENGINEER							
	SPECIAL PURPOSE OUTLET: 240V, 40A. VERIFY NEMA CONFIGURATION WITH EQUIPMENT MANUFACTURER.	AS PER ENGINEER							
	TWISTED LOCK RECEPTACLE: 125V, 20A, 3 WIRE; UNLESS OTHERWISE NOTED.	AS PER ENGINEER							
	SURFACE RACEWAY WITH 2 GROUNDED AND ISOLATED TYPE DUPLEX RECEPTACLES AND 1 DATA OUTLET PER POSITION, 18" AFF UNLESS OTHERWISE NOTED.								
	TELEPHONE/POWER POLE								
	MAGNETIC STARTER "S1"; SEE STARTER SCHEDULE								
	DISCONNECTION SWITCH "DS1"; SEE DISCONNECT SWITCH SCHEDULE.								
	JUNCTION BOX								
	NEMA 4X STAINLESS STEEL JUNCTION BOX WITH GASKET COVER.								
	JUNCTION BOX RECESSED IN WALL WITH BLANK COVER, PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.								
	FOR MONITOR, JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING.								
	TRANSFORMER "T1"; SEE TRANSFORMER SCHEDULE.								
	ELECTRICAL PANEL "P1", RECESSED; SEE PANEL SCHEDULE.								
	ELECTRICAL PANEL "P1", SURFACE MOUNT; SEE PANEL SCHEDULE.								
	CONDUIT GOING UP.								
	CONDUIT GOING DOWN.								
	PULLBOX								
	TELEPHONE. PROVIDE CAT 6 CABLE IN 3/4" E.C. TO PATCH PANEL IN EXISTING OFFICE R204. COORDINATE RACK AND PUNCH DOWN LOCATION WITH OWNER. AT PATCH PANEL, LABEL CABLE WITH ROOM NUMBER/NAME. AT DATA DROP, LABEL CABLE WITH IDF RACK NUMBER, PATCH PANEL NUMBER, AND PORT NUMBER. PROVIDE BOX RECESSED IN WALL WITH RJ-11 COVER.	46" AFF							
	CEILING MOUNTED DATA DROP FOR WIRELESS ACCESS POINT (PROVIDED BY OWNER); PROVIDE CAT 6 CABLE IN 3/4" E.C. TO PATCH PANEL IN EXISTING OFFICE R204. COORDINATE RACK AND PUNCHDOWN LOCATION WITH OWNER. AT PATCH PANEL, LABEL CABLE WITH ROOM NUMBER/NAME. AT DATA DROP, LABEL CABLE WITH IDF RACK NUMBER, PATCH PANEL NUMBER, AND PORT NUMBER. DATA DROP SHALL BE MOUNTED FLUSH WITH CEILING.	FLUSH							
	DATA. PROVIDE CAT 6 CABLE IN 3/4" E.C. TO PATCH PANEL IN EXISTING OFFICE R204. COORDINATE RACK AND PUNCH DOWN LOCATION WITH OWNER. AT PATCH PANEL, LABEL CABLE WITH ROOM NUMBER/NAME. AT DATA DROP, LABEL CABLE WITH IDF RACK NUMBER, PATCH PANEL NUMBER, AND PORT NUMBER. PROVIDE BOX RECESSED IN WALL WITH RJ-45 COVER.	18" AFF							
	DOUBLE DATA. PROVIDE TWO (2) CAT 6 CABLE IN 3/4" E.C. TO PATCH PANEL IN EXISTING OFFICE R204. COORDINATE RACK AND PUNCH DOWN LOCATION WITH OWNER. AT PATCH PANEL, LABEL CABLE WITH ROOM NUMBER/NAME. AT DATA DROP, LABEL CABLE WITH IDF RACK NUMBER, PATCH PANEL NUMBER, AND PORT NUMBER. PROVIDE BOX RECESSED IN WALL WITH (2) TWO PORT RJ-45 COVER.	18" AFF							

SYMBOL	DESCRIPTION	COMMENTS
	LINE VOLTAGE THERMOSTAT, 120V, 10A.	
	CIRCUIT BREAKER WITH TRIP AND POLES AS NOTED.	
	TRANSFER SWITCH TS1; SEE TRANSFER SWITCH SCHEDULE.	
	DISTRIBUTION PANEL P1 WITH 30A, 2 POLE M.C.B.; SEE DISTRIBUTION PANEL SCHEDULE.	
	DISCONNECT SWITCH DS1, 100A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
	FUSED DISCONNECT SWITCH DS2, FUSED AT 40A, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
	GENERATOR SET G1	
	ELECTRIC METER AND METER PAN AS PER PSEG REQUIREMENTS.	
	MOTOR, NUMBER INDICATED HORSEPOWER.	
	CURRENT TRANSFORMER.	
	VOLTAGE TRANSFORMER.	
	TRANSFORMER WITH SIZE, PRIMARY AND SECONDARY VOLTAGES AS NOTED.	
	REDUCED VOLTAGE SOLID STATE RAMPING MODULE, SIZED FOR 10 H.P.	
	REDUCED VOLTAGE SOLID STATE STARTER, SIZED FOR 150 H.P.	
	VARIABLE FREQUENCY DRIVE, RATED FOR 25 H.P.	
	FULL VOLTAGE NON-REVERSING STARTER, NEMA SIZE 6	
	FULL VOLTAGE REVERSING STARTER, NEMA SIZE 5	
	FAST ACTING SOLID STATE FUSES AS PER MANUFACTURER.	
	MULTIPLE BRANCH CIRCUITS AS REQUIRED.	
	CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4" E.C.	

COMMUNICATIONS LEGEND		
SYMBOL	DESCRIPTION	
	WALL MOUNTED IP ENABLED CAMERA SHALL BE PROVIDED AND INSTALLED BY DISTRICT. PROVIDE CAT6 CABLE TO PATCH PANEL IN SECOND FLOOR OFFICE. COORDINATE RACK AND PUNCH DOWN LOCATION WITH I.T. DEPARTMENT. AT PATCH PANEL, LABEL CABLE WITH ROOM NUMBER/NAME. AT CAMERA, LABEL CABLE WITH IDF RACK NUMBER, PATCH PANEL NUMBER, AND PORT NUMBER. ALL PROGRAMMING AND LICENSING OF CAMERAS TO BE BY DISTRICT. COORDINATE EXACT MOUNTING HEIGHT, LOCATION, AND AIMING ANGLE WITH DISTRICT.	10'-0" AFG
	CEILING MOUNTED IP ENABLED CAMERA SHALL BE PROVIDED AND INSTALLED BY DISTRICT. PROVIDE CAT6 CABLE TO PATCH PANEL IN SECOND FLOOR OFFICE. COORDINATE RACK AND PUNCH DOWN LOCATION WITH I.T. DEPARTMENT. AT PATCH PANEL, LABEL CABLE WITH ROOM NUMBER/NAME. AT CAMERA, LABEL CABLE WITH IDF RACK NUMBER, PATCH PANEL NUMBER, AND PORT NUMBER. ALL PROGRAMMING AND LICENSING OF CAMERAS TO BE BY DISTRICT. COORDINATE EXACT MOUNTING HEIGHT, LOCATION, AND AIMING ANGLE WITH DISTRICT.	FLUSH

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CONSULTANTS:		

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"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER."			
DESIGNED BY: DJH	DRAWN BY: DJH	CHECKED BY:	REVIEWED BY:
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VILLAGE OF MOUNT KISCO

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SHEET TITLE	ELECTRICAL GENERAL NOTES AND LEGENDS
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DRAWING No.	E 001.01
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VILLAGE OF MOUNT KISCO

**ADDITIONS AND ALTERATIONS TO
MUTUAL STATION**



**99 MAIN STREET, MOUNT KISCO,
NY 10549**

DRAWING No. **ED 111.01**



GD1.	REMOVE AND DISPOSE OF INCLUDES REMOVAL OF ITEM IDENTIFIED INCLUDING ALL CONDUITS, WIRES, AND CABLES. BACK TO SOURCE UNLESS OTHERWISE NOTED.
GD2.	CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
GD3.	ALL CONDUITS SPECIFIED TO BE REMOVED SHALL BE CUT FLUSH WITH THE SURFACE AND SURFACE SHALL BE PATCHED UNLESS OTHERWISE NOTED. SURFACE SHALL BE PRIMED AND PAINTED TO MATCH EXISTING.
GD4.	WHERE CONDUITS AND WIRING PASS THROUGH WORK AREA AND/OR ARE SCHEDULED TO REMAIN, CONTRACTOR SHALL REROUTE EXISTING CONDUIT AND WIRING. PROVIDE CONDUIT, WIRE, AND JUNCTION BOXES AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR.

D1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MAIN ELECTRICAL SERVICE ENTRANCE EQUIPMENT INCLUDING BUT NOT LIMITED TO MAIN DISTRIBUTION PANEL "MDP", UTILITY METER, MAIN SERVICE DISCONNECT SWITCH, AUTOMATIC TRANSFER SWITCH "ATS", AND ALL ASSOCIATED CONDUITS AND WIRES BACK TO UTILITY POLE. EXISTING SECONDARY FEEDERS TO REMAIN, UNLESS OTHERWISE NOTED.

D2. EQUIPMENT IDENTIFIED TO BE REMOVED. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE.

D3. EQUIPMENT IDENTIFIED TO REMAIN. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE. ALL EXISTING LINE VOLTAGE AND LOW VOLTAGE CONTROLS SHALL REMAIN FOR RE-USE. PRIOR TO REMOVAL, CONTRACTOR SHALL VERIFY VOLTAGE AND PHASE OF EQUIPMENT. IF VOLTAGE AND PHASE DOES NOT MATCH NEW CIRCUIT BREAKER TO BE PROVIDED FOR EQUIPMENT, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

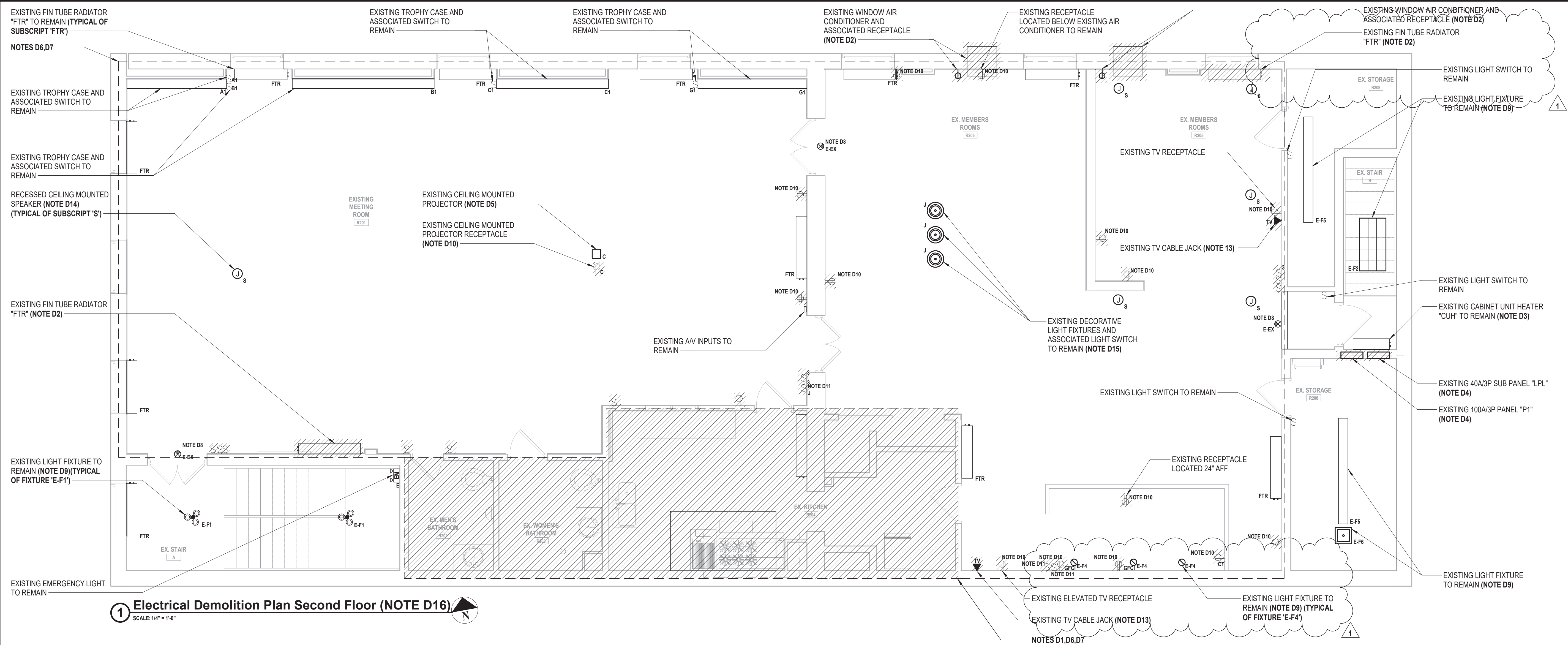
D4. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING DISTRIBUTION PANEL BACKBOX TO SOURCE, INCLUDING BUT NOT LIMITED TO CIRCUIT BREAKERS, BUS, COVERS, AND MAIN FEEDERS. SUB DISTRIBUTION FEEDERS AND EXISTING BACKBOX TO REMAIN. CONTRACTOR SHALL EXTEND AND TERMINATE EXISTING SUB DISTRIBUTION FEEDERS SCHEDULED TO REMAIN TO NEW PANEL "MDP". CONTRACTOR SHALL RE-USE EXISTING BACKBOX FOR WIRE BENDING SPACE.

D5. REMOVE AND DISPOSE OF EXISTING BAY DOOR MOTOR AND ALL ASSOCIATED CONTROLS. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE.

D6. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LIGHTING FIXTURES INCLUDING BUT NOT LIMITED TO HOUSING, BALLASTS, BULBS, MOUNTING HARDWARE, ACCESSORIES, ASSOCIATED SWITCHES, AND CONDUIT AND WIRE BACK TO SOURCE IN THIS AREA, UNLESS OTHERWISE NOTED.

- D13. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL BUILDING-MOUNTED EXTERIOR LIGHTING, UNLESS OTHERWISE NOTED. REMOVE AND DISPOSE OF WIRE AND CONDUIT BACK TO SOURCE, UNLESS OTHERWISE NOTED.
- D14. EXISTING LIGHT SWITCH TO REMAIN. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING WIRE AND CONDUIT BACK TO SOURCE. EXISTING LIGHTING CONTROL WIRING TO REMAIN.

D14. EXISTING LIGHT SWITCH TO REMAIN. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING WIRE AND CONDUIT BACK TO SOURCE. EXISTING LIGHTING CONTROL WIRING TO REMAIN.



ELECTRICAL DEMOLITION GENERAL NOTES:

- GD1. REMOVE AND DISPOSE OF INCLUDES: REMOVAL OF ITEM IDENTIFIED INCLUDING ALL CONDUITS, WIRES, AND CABLES, BACK TO SOURCE UNLESS OTHERWISE NOTED.
- GD2. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
- GD3. ALL CONDUITS SPECIFIED TO BE REMOVED SHALL BE CUT FLUSH WITH THE SURFACE AND SURFACE SHALL BE PATCHED UNLESS OTHERWISE NOTED. SURFACE SHALL BE PRIMED AND PAINTED TO MATCH EXISTING.
- GD4. WHERE CONDUITS AND WIRING PASS THROUGH WORK AREA AND/OR ARE SCHEDULED TO REMAIN, CONTRACTOR SHALL REROUTE EXISTING CONDUIT AND WIRING. PROVIDE CONDUIT, WIRE, AND JUNCTION BOXES AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR.

ELECTRICAL DEMOLITION KEY NOTES:

- D1. CONTRACTOR SHALL REMOVE AND DISPOSE OF WIRING DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, FIRE ALARM DEVICES, SWITCHES, SENSORS, RECEPTACLES, DATA AND/OR TELEPHONE OUTLETS, AND ALL ASSOCIATED CONDUITS AND WIRES BACK TO SOURCE, UNLESS OTHERWISE NOTED. COORDINATE WORK WITH GENERAL CONTRACTOR AND ARCHITECT/ENGINEER IN FIELD.
- D2. EQUIPMENT IDENTIFIED TO BE REMOVED. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE.
- D3. EQUIPMENT IDENTIFIED TO REMAIN. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE. ALL EXISTING LINE VOLTAGE AND LOW VOLTAGE CONTROLS SHALL REMAIN FOR RE-USE. PRIOR TO REMOVAL, CONTRACTOR SHALL VERIFY VOLTAGE AND PHASE OF EQUIPMENT. IF VOLTAGE AND PHASE DOES NOT MATCH NEW CIRCUIT BREAKER TO BE PROVIDED FOR EQUIPMENT, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
- D4. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING DISTRIBUTION PANEL BACK TO SOURCE, INCLUDING BUT NOT LIMITED TO CIRCUIT BREAKERS, BUS, COVERS, AND MAIN FEEDERS. SUB DISTRIBUTION FEEDERS AND EXISTING BACKBOX TO REMAIN. CONTRACTOR SHALL EXTEND AND TERMINATE EXISTING SUB DISTRIBUTION FEEDERS SCHEDULED TO REMAIN TO NEW PANEL "GP4". CONTRACTOR SHALL RE-USE EXISTING BACKBOX FOR WIRE BENDING SPACE.
- D5. CONTRACTOR SHALL REMOVE AND STORE EXISTING PROJECTOR AND ALL ASSOCIATED MOUNTING HARDWARE AND ACCESSORIES DURING ACTIVE DEMOLITION AND CONSTRUCTION. EXISTING WIRE AND CONDUIT TO REMAIN. ONCE DEMOLITION AND CONSTRUCTION ARE COMPLETE, CONTRACTOR SHALL RE-INSTALL EXISTING PROJECTOR SCREEN IN NEW LOCATION. PROVIDE AND EXTEND EXISTING WIRE AND CONDUIT TO TERMINATE TO NEW LOCATION. REFER TO DRAWING E 102 FOR ADDITIONAL INFORMATION.
- D6. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LIGHTING FIXTURES INCLUDING BUT NOT LIMITED TO HOUSING, BALLASTS, BULBS, MOUNTING HARDWARE, ACCESSORIES, ASSOCIATED SWITCHES, AND CONDUIT AND WIRE BACK TO SOURCE IN THIS AREA, UNLESS OTHERWISE NOTED.
- D7. CONTRACTOR SHALL HANDLE, REMOVE, AND DISPOSE OF ALL MERCURY CONTAINING BULBS AND PCB CONTAINING BALLASTS SCHEDULED FOR DEMOLITION PLAN IN ACCORDANCE WITH EPA STANDARDS. CONTRACTOR SHALL ASSUME ALL EXISTING FLUORESCENT FIXTURES CONTAIN PCB CONTAINING BALLASTS AND MERCURY CONTAINING LAMPS.
- D8. CONTRACTOR SHALL REMOVE AND STORE EXISTING EXIT SIGN AND ALL ASSOCIATED HARDWARE AND ACCESSORIES DURING ACTIVE DEMOLITION AND CONSTRUCTION. REMOVE AND DISPOSE OF EXISTING WIRE AND CONDUIT BACK TO SOURCE. ONCE ACTIVE DEMOLITION AND CONSTRUCTION ARE COMPLETED CONTRACTOR SHALL RE-INSTALL EXISTING EXIT SIGN.
- D9. EXISTING LIGHT FIXTURE TRIM TO REMAIN. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING LIGHT FIXTURE LAMP AND REPLACE WITH NEW LIGHT FIXTURE LAMP. REFER TO LIGHT FIXTURE SCHEDULES FOR ADDITIONAL INFORMATION.
- D10. CONTRACTOR SHALL REPLACE EXISTING RECEPTACLE WITH A NEW RECEPTACLE IN THE SAME LOCATION. REMOVE AND DISPOSE OF EXISTING WIRE AND CONDUIT BACK TO SOURCE. PROVIDE AND INSTALL NEW FACE PLATE AS REQUIRED. TYPICAL FOR ALL RECEPTACLES SHOWN, U.O.N.
- D11. CONTRACTOR SHALL REPLACE EXISTING LIGHT SWITCH WITH A NEW LIGHT SWITCH IN THE SAME LOCATION. RE-USE EXISTING WIRE/CONDUIT. PROVIDE AND EXTEND WIRE/CONDUIT AS REQUIRED. PROVIDE AND INSTALL NEW FACE PLATE AS REQUIRED. TYPICAL FOR ALL SWITCHES SHOWN, U.O.N.
- D12. CONTRACTOR SHALL REPLACE EXISTING DATA JACK WITH A NEW DATA JACK IN THE SAME LOCATION. RE-USE EXISTING WIRE. PROVIDE AND INSTALL NEW FACE PLATE AS REQUIRED. TYPICAL FOR ALL DATA JACKS SHOWN, U.O.N.
- D13. CONTRACTOR SHALL REPLACE EXISTING TELEVISION JACK WITH A NEW TELEVISION JACK IN THE SAME LOCATION. RE-USE EXISTING WIRE. PROVIDE AND INSTALL NEW FACE PLATE AS REQUIRED. TYPICAL FOR ALL TELEVISION JACKS SHOWN, U.O.N.
- D14. CONTRACTOR SHALL REMOVE AND STORE EXISTING RECESSED CEILING MOUNTED PA SPEAKER DURING ACTIVE DEMOLITION AND CONSTRUCTION. EXISTING WIRE AND CONDUIT TO REMAIN. ONCE ACTIVE DEMOLITION AND CONSTRUCTION ARE COMPLETE, CONTRACTOR SHALL RE-INSTALL PA SPEAKER IN SAME LOCATION AND RE-TERMINATE EXISTING WIRE AND CONDUIT TO EXISTING PA SPEAKER.

- D15. CONTRACTOR SHALL REMOVE AND STORE EXISTING LIGHT FIXTURES DURING ACTIVE DEMOLITION AND CONSTRUCTION. EXISTING WIRE AND CONDUIT TO REMAIN. ONCE ACTIVE DEMOLITION AND CONSTRUCTION IS COMPLETE, CONTRACTOR SHALL RE-INSTALL LIGHT FIXTURES IN NEW LOCATION. PROVIDE AND EXTEND EXISTING WIRE AND CONDUIT TO TERMINATE TO NEW LOCATION OF FIXTURE.
- D16. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL BUILDING-MOUNTED EXTERIOR LIGHTING, UNLESS OTHERWISE NOTED. REMOVE AND DISPOSE OF WIRE AND CONDUIT BACK TO SOURCE, UNLESS OTHERWISE NOTED.

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CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT

CONTRACT G

GENERAL CONSTRUCTION

STATUS

CONSTRUCTION DOCUMENTS

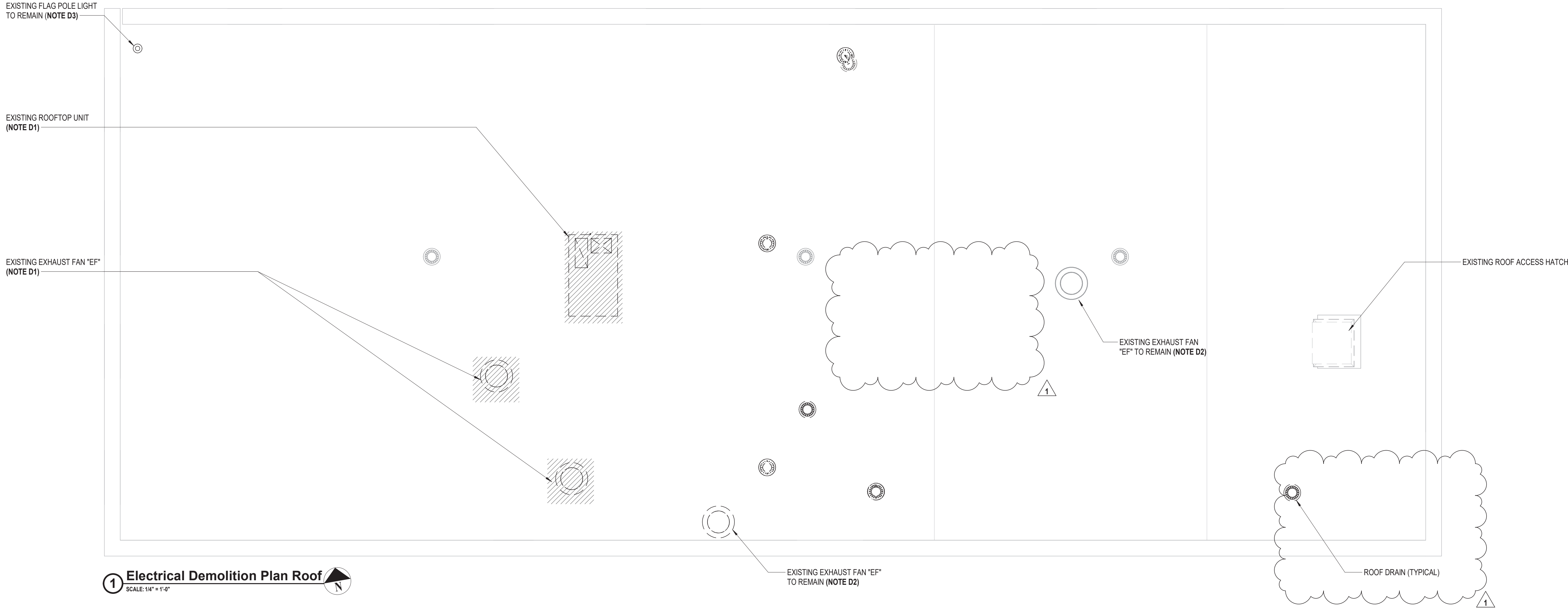
SHEET TITLE

ELECTRICAL DEMOLITION

PLAN SECOND FLOOR

DRAWING No.

ED 112.01

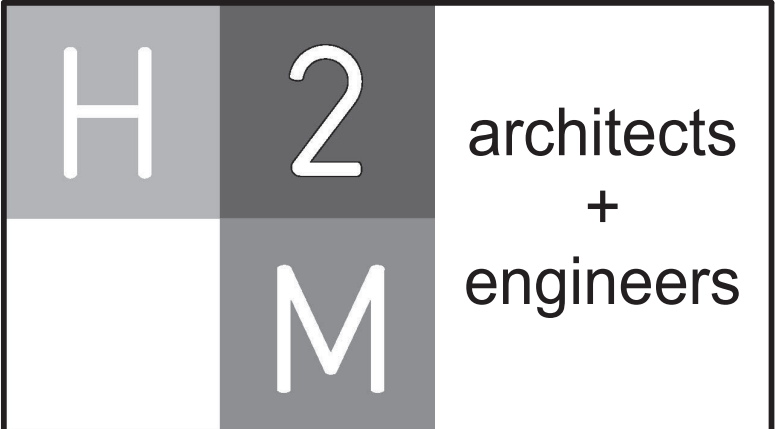


ELECTRICAL DEMOLITION GENERAL NOTES:

- GD1. REMOVE AND DISPOSE OF INCLUDES. REMOVAL OF ITEM IDENTIFIED INCLUDING ALL CONDUITS, WIRES, AND CABLES, BACK TO SOURCE UNLESS OTHERWISE NOTED.
- GD2. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
- GD3. ALL CONDUITS SPECIFIED TO BE REMOVED SHALL BE CUT FLUSH WITH THE SURFACE AND SURFACE SHALL BE PATCHED UNLESS OTHERWISE NOTED. SURFACE SHALL BE PRIMED AND PAINTED TO MATCH EXISTING.
- GD4. WHERE CONDUITS AND WIRING PASS THROUGH WORK AREA AND/OR ARE SCHEDULED TO REMAIN, CONTRACTOR SHALL REROUTE EXISTING CONDUIT AND WIRING, PROVIDE CONDUIT, WIRE, AND JUNCTION BOXES AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR.

DEMOLITION KEY NOTES:

- D1. EQUIPMENT IDENTIFIED TO BE REMOVED. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE.
- D2. EQUIPMENT IDENTIFIED TO REMAIN. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, CONDUITS AND WIRES BACK TO SOURCE. ALL EXISTING LINE VOLTAGE AND LOW VOLTAGE CONTROLS SHALL REMAIN FOR RE-USE. PRIOR TO REMOVAL, CONTRACTOR SHALL VERIFY VOLTAGE AND PHASE OF EQUIPMENT. IF VOLTAGE AND PHASE DOES NOT MATCH NEW CIRCUIT BREAKER TO BE PROVIDED FOR EQUIPMENT, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
- D3. CONTRACTOR SHALL NOTE EXISTING FLAG POLE LIGHT FIXTURE TO REMAIN. REMOVE AND DISPOSE OF EXISTING WIRE AND CONDUIT BACK TO SOURCE.



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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

99 MAIN STREET, MOUNT KISCO, NY 10549

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ELECTRICAL DEMOLITION

PLAN ROOF

DRAWING No.

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99 MAIN STREET, MOUNT KISCO,
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ELECTRICAL SITE PLAN

DRAWING No.

ES 100.01

ELECTRICAL SITE PLAN GENERAL NOTES:

- G1. CONTRACTOR SHALL INSPECT CONSTRUCTION SITE PRIOR TO SUBMISSION OF BIDS AND SHALL MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
- G2. LOCATION OF ALL UNDERGROUND UTILITIES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER MAPS, SURVEYS, DRAWINGS AND RECORDS SUPPLIED BY OTHERS. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PRIVATE MARKOUT COMPANY FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL LOCATE ALL UTILITIES WITHIN PROXIMITY OF CONSTRUCTION LIMITS.
- G3. CONTRACTOR SHALL COMPLETELY RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO GRASS AREAS, LANDSCAPING, PAVEMENTS, SIDEWALKS, CURBING AND IN-GROUND SPRINKLER SYSTEMS.
- G4. THE CONTRACTOR SHALL PERFORM DAILY CLEAN-UP OPERATIONS WHICH INCLUDE REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.
- G5. DURING ALL NON-WORKING HOURS, THE CONTRACTOR WILL BE REQUIRED TO STORE ALL EQUIPMENT AND MATERIALS WITHIN THE AREA DESIGNATED BY THE ENGINEER AT THE PROJECT SITE.
- G6. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS.
- G7. CONTRACTOR SHALL MINIMIZE REMOVAL OF EXISTING TREES. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE LAYOUT, TAGGING AND REMOVAL OF TREES REQUIRED TO COMPLETE ALL WORK. OWNER SHALL APPROVE TREES TO BE REMOVED PRIOR TO ACTUAL REMOVALS. REMOVALS SHALL INCLUDE REMOVAL OF COMPLETE STUMP AND ROOT SYSTEM. CONTRACTOR NOT PERMITTED TO GRIND STUMPS.
- G8. CONCRETE SIDEWALKS SHALL BE SAWCUT BACK TO EXPANSION/ CONTROL JOINTS.

DEMOLITION SITE PLAN NOTES:

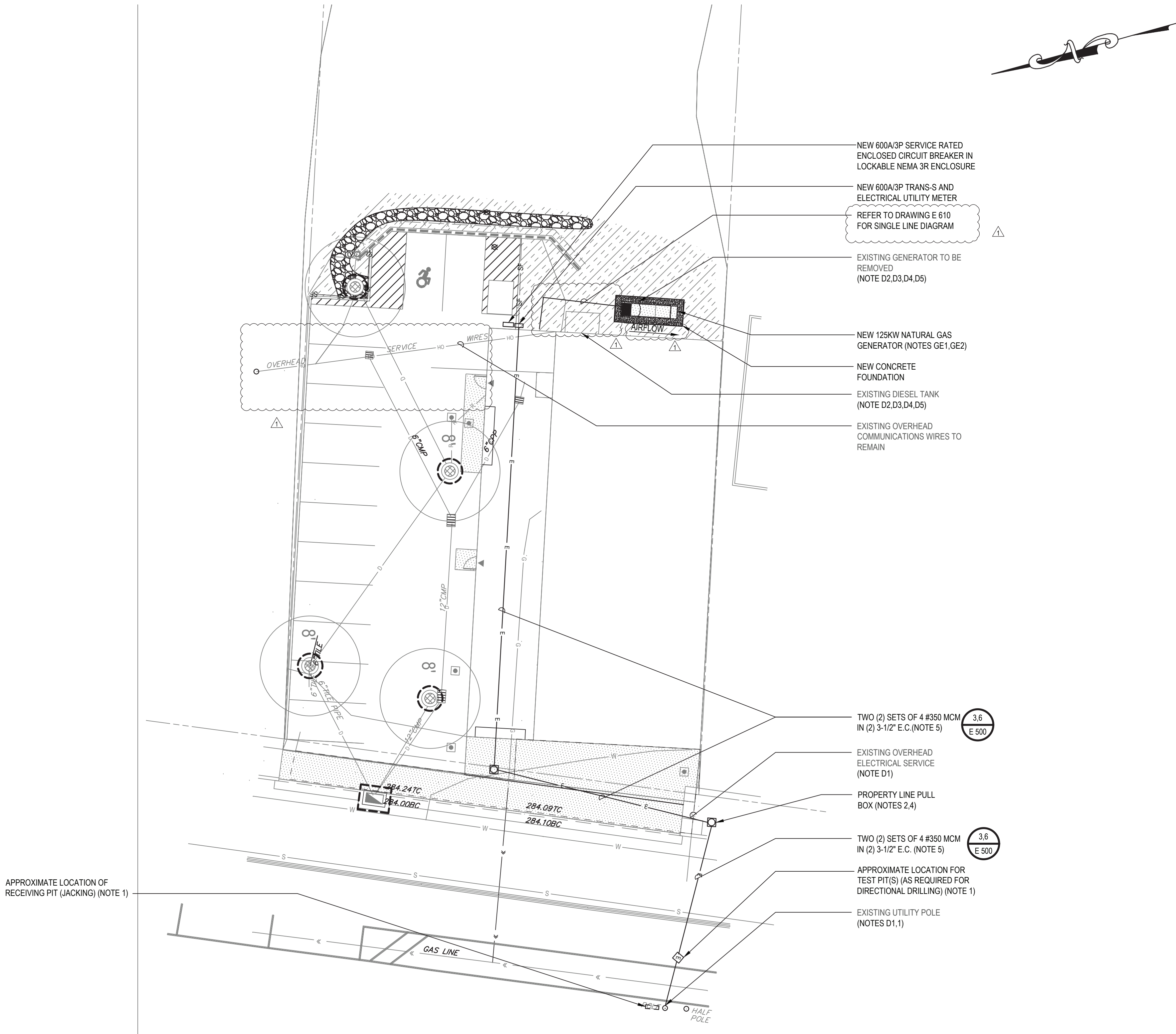
- D1. CON EDISON SHALL REMOVE AND DISPOSE OF EXISTING SERVICE AND SERVICE RISER ONCE NEW SERVICE IS INSTALLED. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING SECONDARY SERVICE CONDUCTORS AND ALL ASSOCIATED CONDUIT. CONTRACTOR SHALL REPAIR SURFACES TO MATCH EXISTING. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING POLE MOUNTED UTILITY TRANSFORMERS WITH CON EDISON.
- D2. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING GENERATOR, DIESEL FUEL TANK AND CONCRETE CONTAINMENT STRUCTURE IN ACCORDANCE WITH EPA STANDARDS. UNREGISTER TANK AS REQUIRED. REMOVE AND DISPOSE OF INCLUDES ALL FUEL PIPING, ELECTRICAL WIRING, AND CONDUIT BACK TO SOURCE
- D3. CONTRACTOR SHALL REMOVE ANY REMAINING STORED PRODUCT AND ACCUMULATED SLUDGE/SOLIDS REMAINING IN TANKS TO THE SATISFACTION OF THE NEW YORK STATE D.E.C.
- D4. REMOVAL AND DISPOSAL OF THE DIESEL STORAGE TANK WILL INCLUDE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AND COORDINATE WITH N.Y.S. DEC AND COMPLY WITH THE REQUIREMENTS FOR INSPECTION AND RECORDS KEEPING.
- D5. REMOVAL OF THE DIESEL STORAGE TANK WILL INCLUDE THE STEEL TANK, CONCRETE SLAB, FILL BOXES, VENTS, PRODUCT PIPING AND TANK MONITORING.

SITE PLAN NOTES:

1. NEW ELECTRIC SERVICE RISER AS PER UTILITY REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH CON EDISON.
2. NEW PROPERTY LINE PULL BOX SHALL BE AS PER UTILITY REQUIREMENTS.
3. CONTRACTOR SHALL OBTAIN THE SERVICES OF A DIRECTIONAL DRILLING SUB-CONTRACTOR FOR EXACT LOCATIONS OF DRILLING EQUIPMENT TEST PITS. SUB-CONTRACTOR TO DIRECTIONAL DRILL CONDUITS UNDER ROAD TO NEW UTILITY POLE. SUB-CONTRACTOR SHALL PROVIDE ALL TEST PITS AS REQUIRED. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL ASSOCIATED DIRECTIONAL DRILLING SUB-CONTRACTOR COSTS AND PERMITS.
4. CONTRACTOR SHALL PROVIDE AND INSTALL NEW PULLBOX. SITE PLAN SHOWS MINIMUM REQUIRED PULL BOXES. PROVIDE ADDITIONAL PULL BOXES AS REQUIRED BY NEC AND UTILITY SERVICE REQUIREMENTS.
5. SAW-CUT EXISTING PAVEMENT/SIDEWALK/CURBING FOR INSTALLATION OF NEW CONDUITS. REMOVE AND DISPOSE OF ALL DEBRIS.

GENERATOR NOTE:

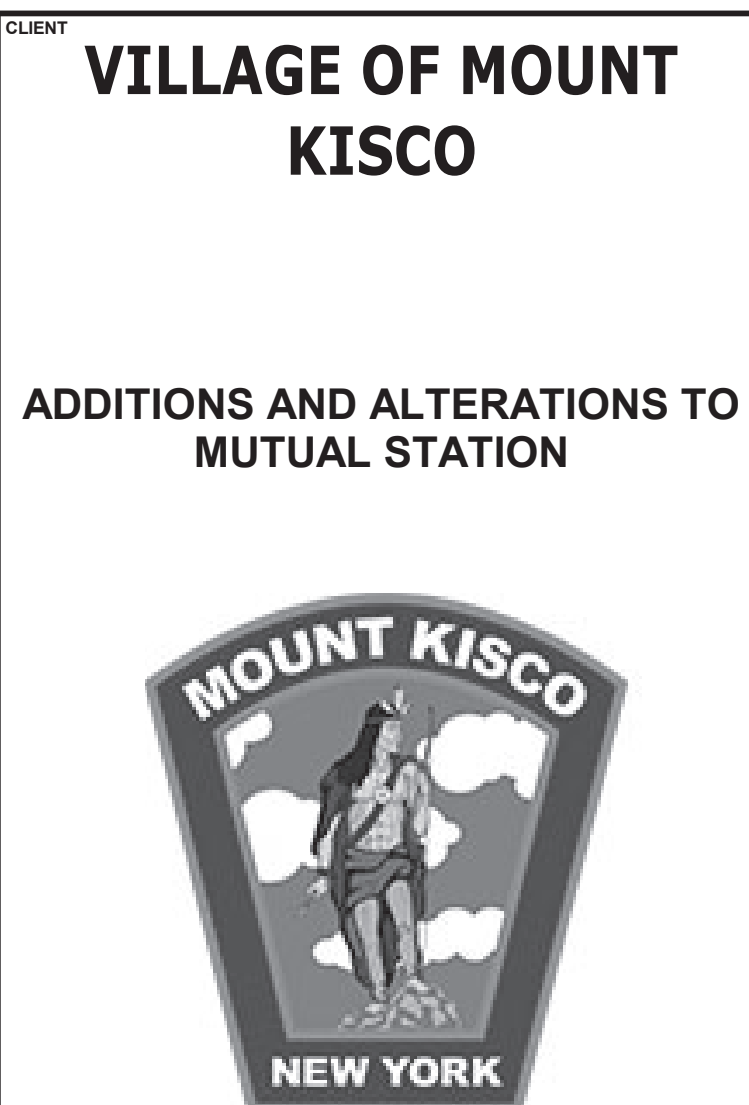
- GE1. NEW GENERATOR AND CONCRETE FOUNDATION. GENERATOR SHALL BE PROVIDED BY DISTRICT AND INSTALLED BY CONTRACTOR. EXACT INSTALLATION LOCATION OF GENERATOR AND CONCRETE FOUNDATION SHALL BE COORDINATED WITH DISTRICT AND ENGINEER. FINAL LOCATION SHALL BE STAKED OUT AND APPROVED PRIOR TO INSTALLATION.
- GE2. CONTRACTOR SHALL PROVIDE ALL RIGGING OF GENSET INTO FINAL LOCATION. CONTRACTOR SHALL COORDINATE ALL CONDUIT AND GAS PIPING STUB UP LOCATIONS WITH OWNER PROVIDED GENSET AND CONCRETE PAD PRIOR TO CONSTRUCTION.



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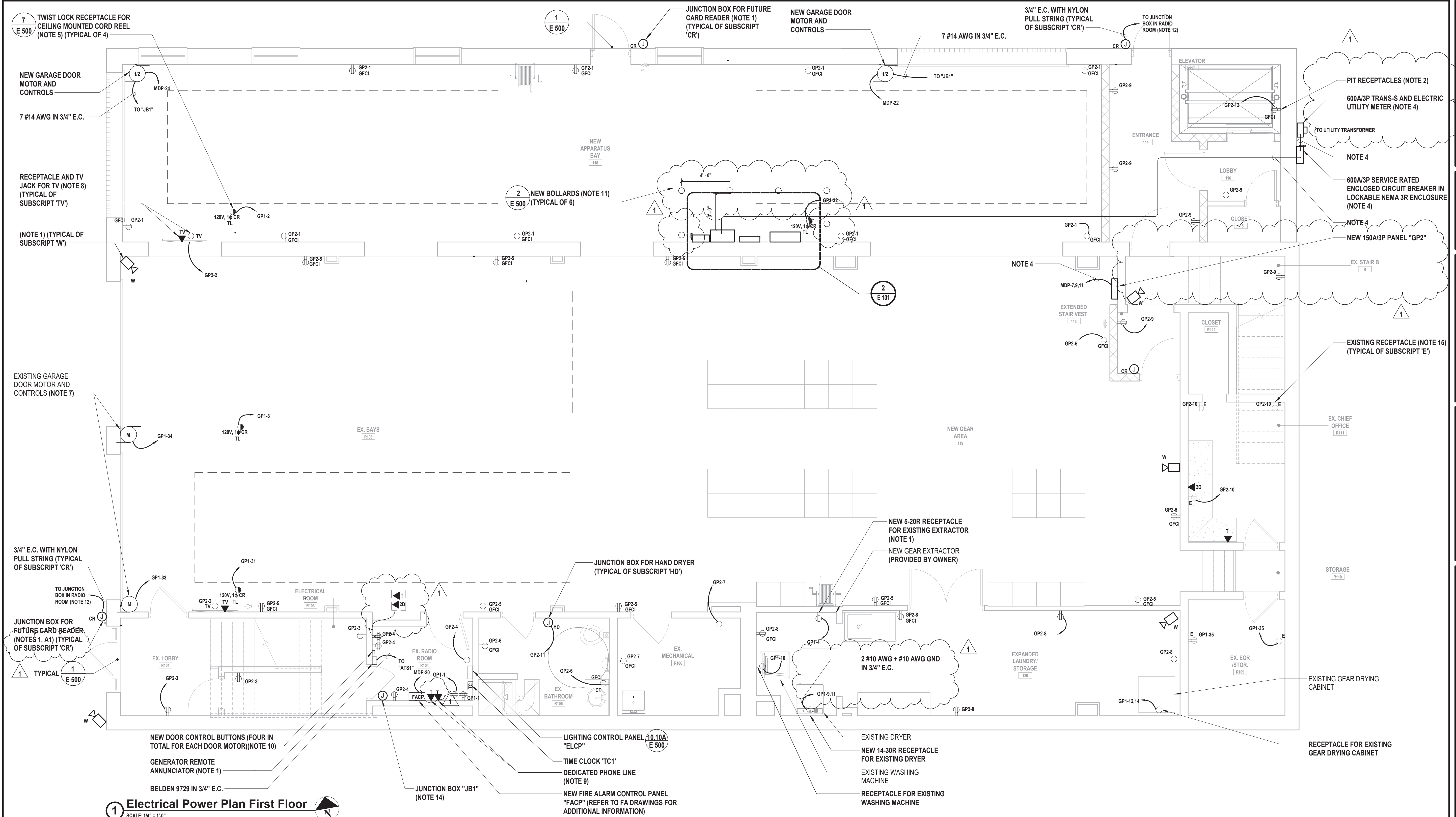
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CONTRACT
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GENERAL CONSTRUCTION

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
**ELECTRICAL POWER
PLAN FIRST FLOOR**

DRAWING No.
E 101.01



1 Electrical Power Plan First Floor

SCALE: 1/4" = 1'-0"

ELECTRICAL KEY NOTES:

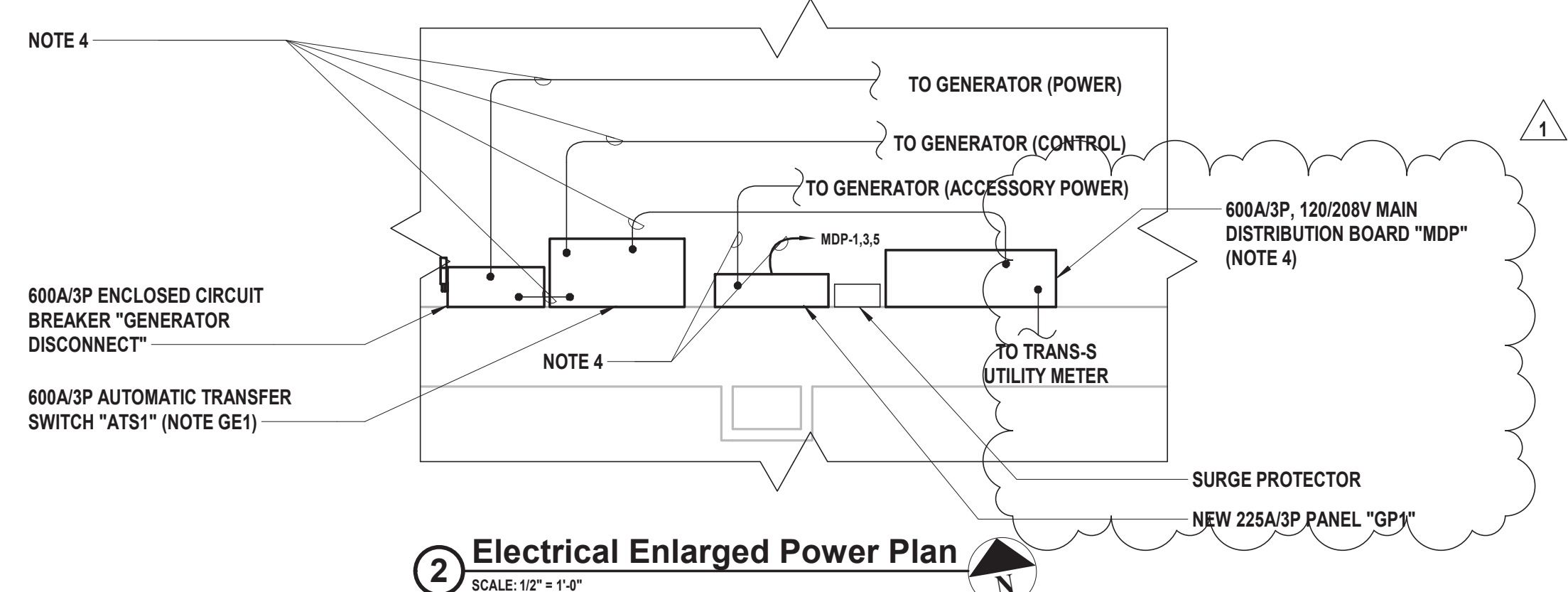
- CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL COORDINATE MOUNT RECEPTACLES AT LOWEST POINT OF ELEVATOR CAR TRAVEL AND EASILY ACCESSIBLE FROM THE PIT LADDER. COORDINATE EXACT HEIGHT AND LOCATION WITH ELEVATOR INSTALLER PRIOR TO INSTALLATION.
- COORDINATE EXACT WIRE AND CONDUIT SIZE WITH ELEVATOR INSTALLER PRIOR TO ORDERING AND INSTALLATION.
- REFER TO DRAWING E610 FOR SINGLE LINE DIAGRAM AND ADDITIONAL INFORMATION.
- CONTRACTOR SHALL COORDINATE EXACT MOUNTING LOCATION WITH OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH EQUIPMENT INSTALLER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL SPLICE EXISTING GARAGE DOOR MOTOR CONTROLS. PROVIDE AND/OR MODIFY EXISTING WIRE AND CONDUIT AS REQUIRED TO PROVIDE AND EXTEND EXISTING WIRE AND CONDUIT TO TERMINATE TO NEW CONTROLS LOCATED IN RADIO ROOM.
- CONTRACTOR SHALL MOUNT RECEPTACLE AND DATA DROP AT 8'-0" AFF. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO INSTALLATION.
- DATA DROP FOR IP COMMUNICATION TO CENTRAL STATION. CONTRACTOR SHALL COORDINATE WITH OWNER FOR EXACT TELEPHONE LOCATION FOR NEW VOICE OVER IP TELEPHONE SYSTEM. CONTRACTOR SHALL PROVIDE AND INSTALL ALL TELEPHONE TERMINATIONS AND SYSTEM PROGRAMMING AS REQUIRED.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW CONTROL BUTTON FOR EXISTING APPARATUS BAY DOOR IN RADIO ROOM. PROVIDE ALL PROGRAMMING AS REQUIRED.
- BOLLARDS SHALL BE INSTALLED 4'-0" ON CENTER MAXIMUM. BOLLARDS SHALL BE 3'-0" MINIMUM AWAY FROM ELECTRICAL EQUIPMENT AS SHOWN.
- CONTRACTOR SHALL COORDINATE EXACT TERMINATION LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW CONTROL BUTTON FOR EXISTING APPARATUS BAY DOOR IN RADIO ROOM R104. PROVIDE PROGRAMMING AS REQUIRED.
- CONTRACTOR SHALL PROVIDE ENGRAVED PHENOLIC LABEL ON JUNCTION BOX "GARAGE DOOR CONTROL WIRING". JUNCTION BOX SHALL BE 10"W X 10"H X 6"D MINIMUM. MOUNT AT 8'-0" AFF.
- CONTRACTOR SHALL PROVIDE AND EXTEND EXISTING WIRE AND CONDUIT TO TERMINATE TO PANELBOARD.

GENERATOR/AUTOMATIC TRANSFER SWITCH NOTE:

GE1. GENERATOR AND AUTOMATIC TRANSFER SWITCH SHALL BE FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. CONTRACTOR SHALL INCLUDE ALL COSTS FOR LABOR AND MATERIALS FOR NEW WIRE/CONDUIT, TERMINATIONS AND ALL ASSOCIATED DISCONNECT SWITCHES, MOUNTING HARDWARE, AND OTHER ACCESSORIES ASSOCIATED WITH NEW AUTOMATIC TRANSFER SWITCH.

ADD/ALTERNATE NOTES:

- A1. ALL COSTS FOR LABOR AND MATERIALS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN ALTERNATE 02, ONLY.
- A2. ALL COSTS FOR LABOR AND MATERIALS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN ALTERNATE 03, ONLY.



2 Electrical Enlarged Power Plan

SCALE: 1/2" = 1'-0"

CONSULTANTS:

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1	1/19/2022	Addendum #1

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PROJECT No.: MKIV 1802	DATE: 12/13/2021	SCALE: AS SHOWN	

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



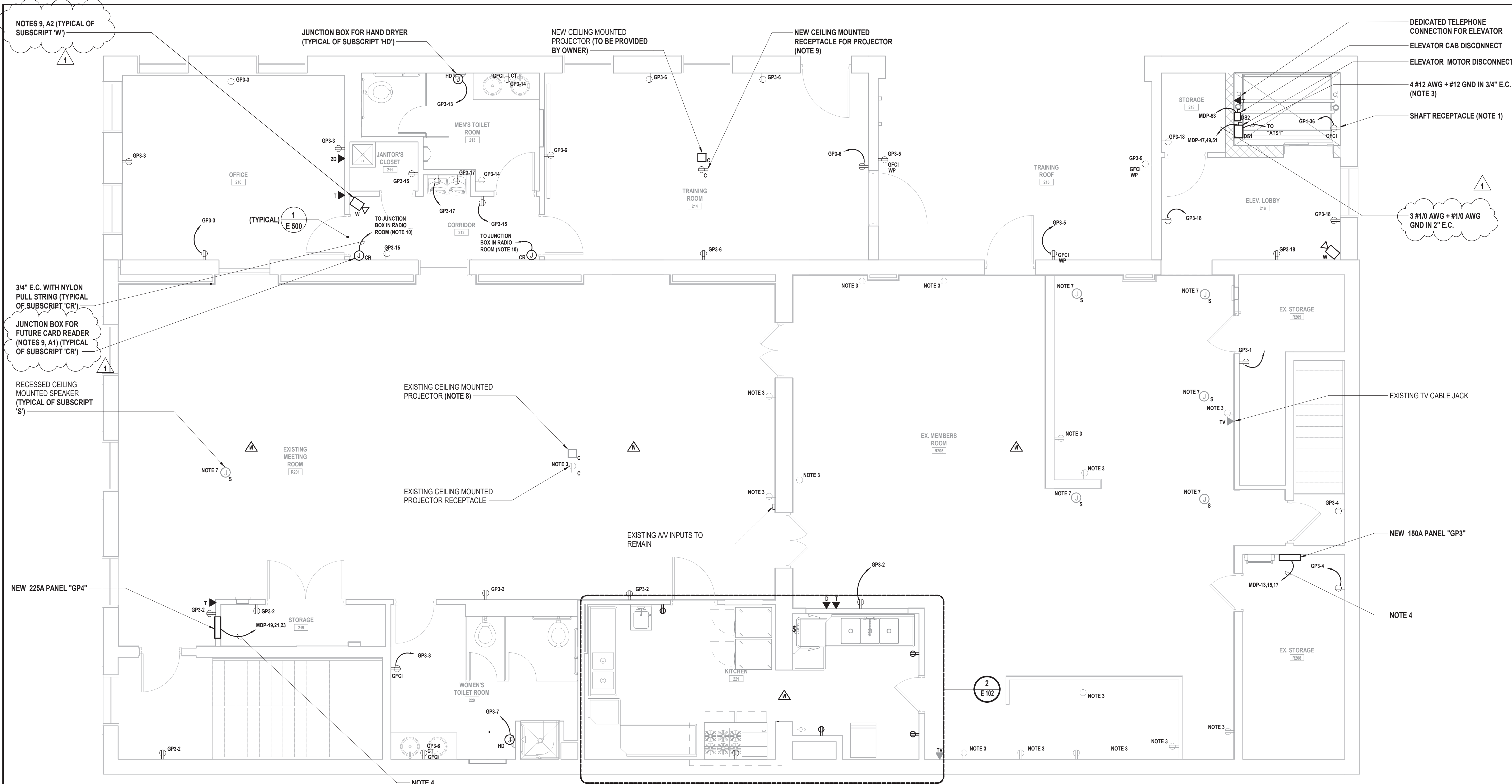
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CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
**ELECTRICAL POWER
PLAN SECOND FLOOR**

DRAWING No.
E 102.01



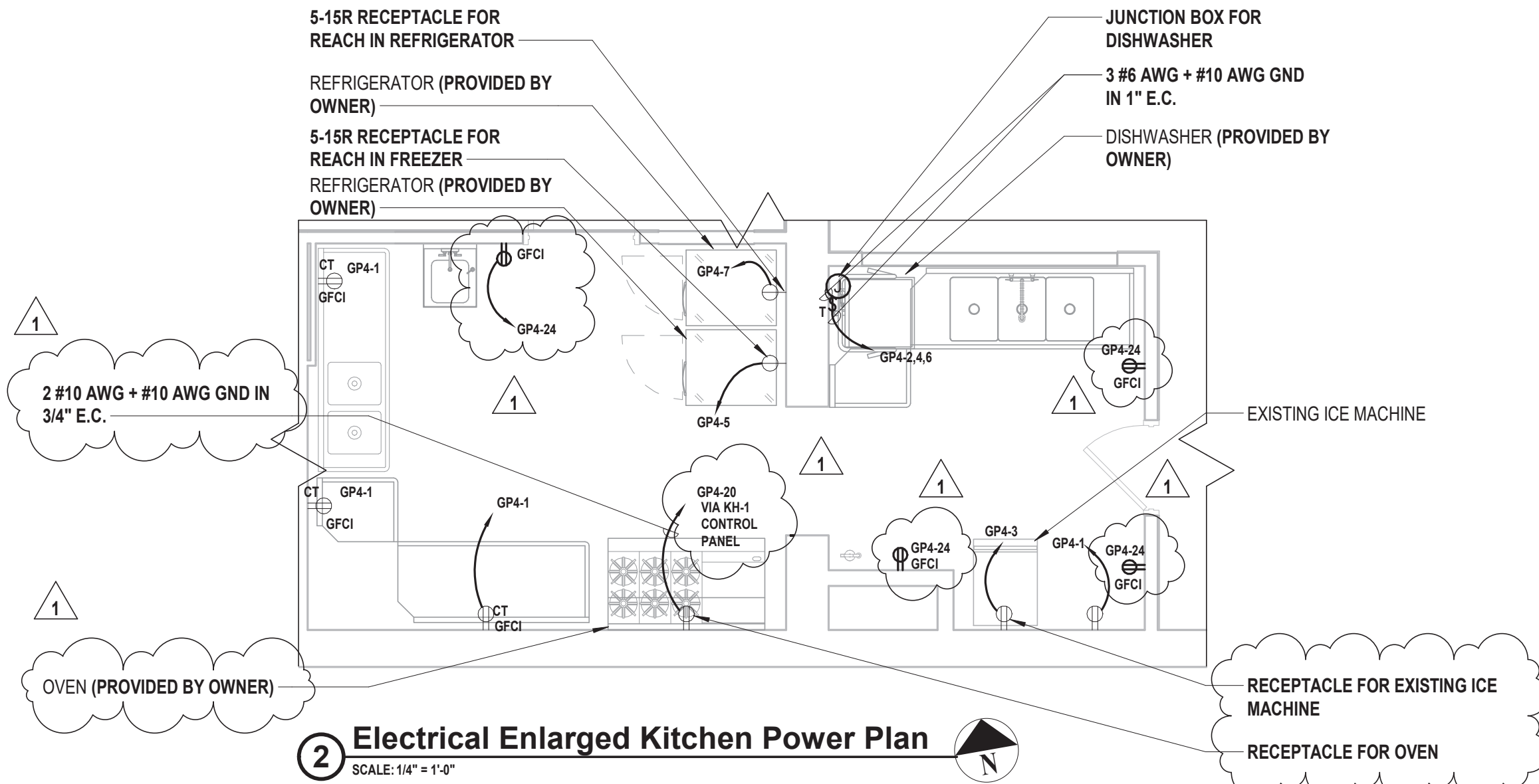
1 Electrical Power Plan Second Floor
SCALE: 1/4" = 1'-0"

ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL COORDINATE MOUNT RECEPTACLES AT HIGHEST POINT OF ELEVATOR CAR TRAVEL. COORDINATE EXACT HEIGHT WITH ELEVATOR INSTALLER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW TELEVISION JACK. RE-USE EXISTING WIRE AND CONDUIT.
- CONTRACTOR SHALL PROVIDE AND EXTEND EXISTING WIRE AND CONDUIT AS REQUIRED TO TERMINATE TO NEW RECEPTACLE AND NEW PANEL "GP3".
- CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW TELEPHONE JACK IN SAME LOCATION. RE-USE EXISTING WIRE AND CONDUIT.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW DATA JACK IN SAME LOCATION. RE-USE EXISTING WIRE AND CONDUIT.
- CONTRACTOR SHALL CLEAN AND RE-INSTALL RECESSED CEILING MOUNTED SPEAKER. RE-USE EXISTING WIRE AND CONDUIT.
- CONTRACTOR SHALL CLEAN AND RE-INSTALL CEILING MOUNTED PROJECTOR. RE-USE EXISTING WIRE AND CONDUIT.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL COORDINATE EXACT TERMINATION LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.

ADD/ALTERNATE NOTES:

- ALL COSTS FOR LABOR AND MATERIALS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN ALTERNATE 02, ONLY.
- ALL COSTS FOR LABOR AND MATERIALS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN ALTERNATE 03, ONLY.



2 Electrical Enlarged Kitchen Power Plan
SCALE: 1/4" = 1'-0"

[illegible]

CLIENT

**VILLAGE OF MOUNT
KISCO**

CONTRACT	<p align="center">CONTRACT G</p> <p align="center">GENERAL CONSTRUCTION</p>
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STATUS

CONSTRUCTION DOCUMENTS

**ELECTRICAL HVAC
POWER PLAN FIRST
FLOOR**

DRAWING No.

E 111.01



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CONSULTANTS:


MARK	DATE	DESCRIPTION
1	1/19/2022	Addendum #1

DESIGNED BY: DJH	DRAWN BY: DJH	CHECKED BY:	REVIEWED BY:
PROJECT No: MKIV 1802	DATE: 12/13/2021	SCALE:	AS SHOWN

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

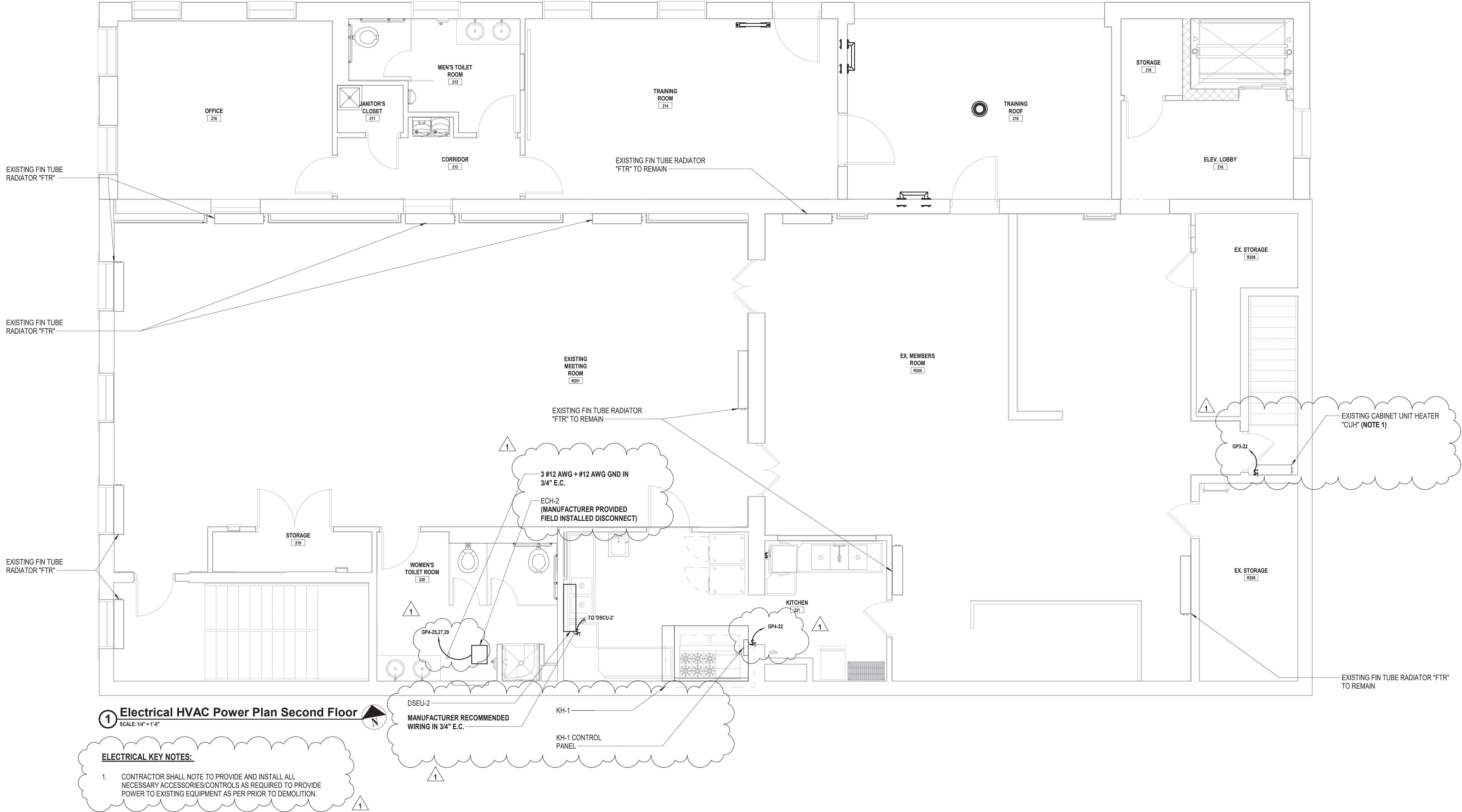
CONSTRUCTION DOCUMENTS

SHEET TITLE

ELECTRICAL HVAC
POWER PLAN SECOND FLOOR

DRAWING No.

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



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ACT

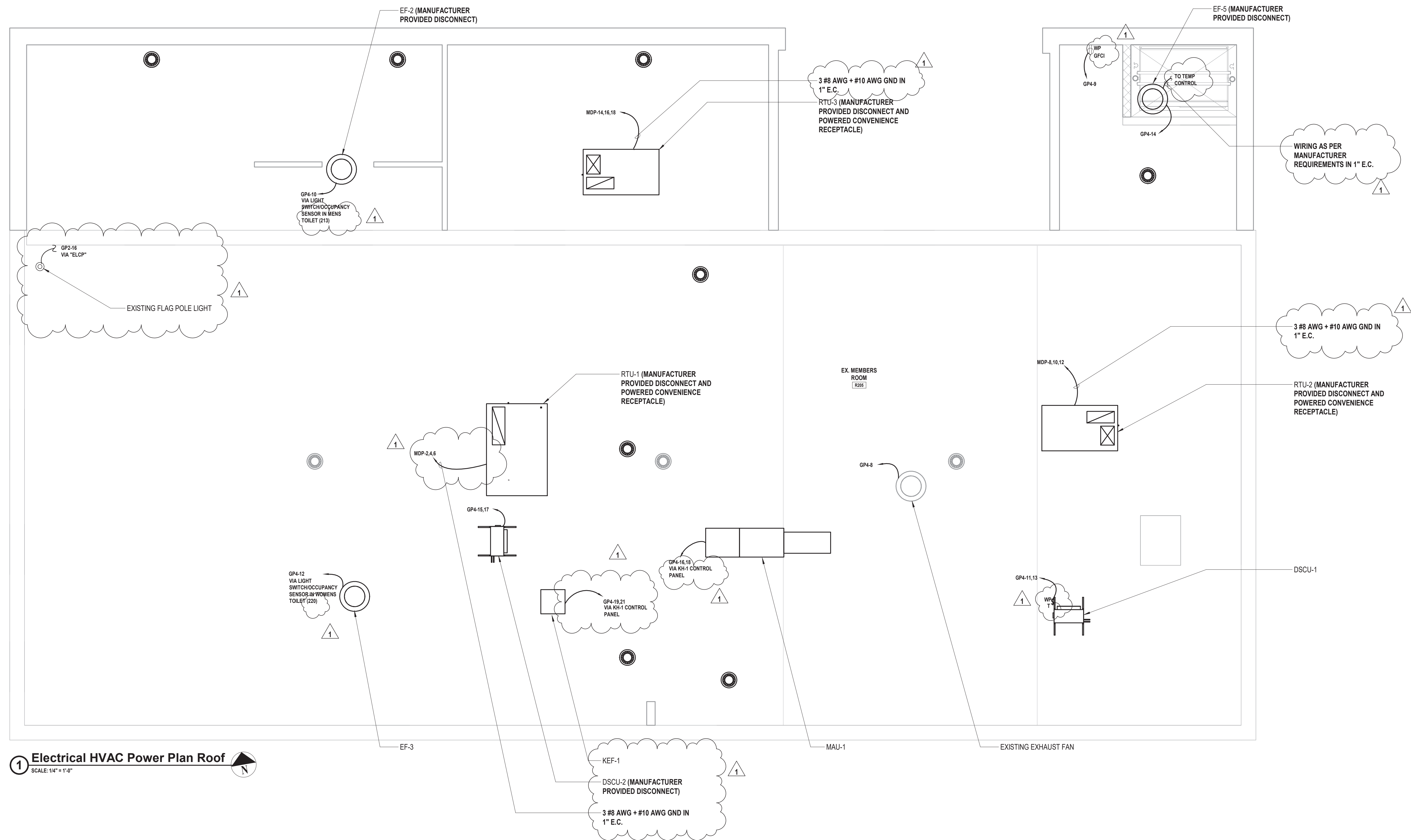
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GENERAL CONSTRUCTION

CONSTRUCTION DOCUMENTS

**ELECTRICAL HVAC
POWER PLAN ROOF**

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



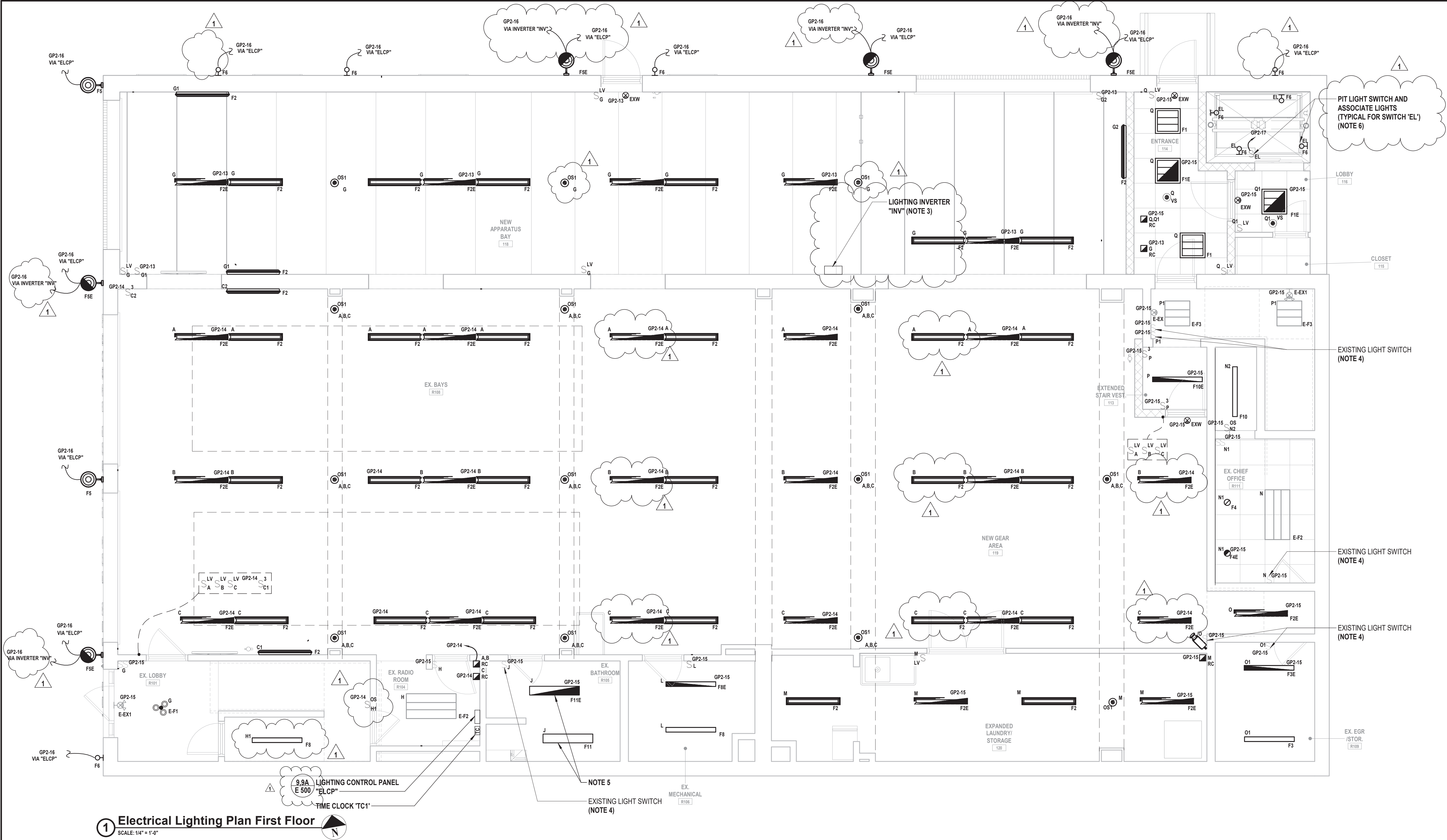
99 MAIN STREET, MOUNT KISCO,
NY 10549

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL LIGHTING
PLAN FIRST FLOOR

DRAWING No.
E 121.01



LIGHTING GENERAL NOTES:

- PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES, CONTROLLERS AND/OR VACANCY/OCCUPANCY SENSORS FOR COMPLETE LIGHTING CONTROL. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.
- CONTRACTORS SHALL LOCATE AND INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOMS TO PROVIDE CLEARANCE FROM ALL MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING FIXTURES, SWITCHES, CONDUIT, AND WIRING.
- FIXTURES INDICATED WITH CIRCUIT DESIGNATIONS SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.
- FIXTURES INDICATED WITH LETTER DESIGNATIONS SHALL BE CONNECTED TO THE SWITCH, OCCUPANCY SENSOR AND/OR POWER PACK WITH CORRESPONDING LETTER DESIGNATION.
- PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
- PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES, VACANCY/OCCUPANCY SENSORS, AND/OR ROOM CONTROLLER.

- VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT/ENGINEER IN FIELD.
- ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS AND ALL FIXTURES THAT ARE PART OF AN EMERGENCY LIGHTING SYSTEM SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FED FROM.
- WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.
- CONTRACTOR SHALL USE SILICONE WATER PROOF SEALANT TO SEAL TOP, LEFT, AND RIGHT EDGES OF LIGHT FIXTURES TO WALL TO PREVENT MOISTURE FROM ACCUMULATING BEHIND FIXTURE. BOTTOM EDGE SHALL BE LEFT UNSEALED FOR DRAINAGE. COLOR OF SILICONE SHALL MATCH EITHER WALL COLOR OR FIXTURE COLOR. (TYPICAL OF ALL EXTERIOR WALL MOUNTED FIXTURES).

ELECTRICAL KEY LIGHTING NOTES:

- CONTRACTOR SHALL PROVIDE AND EXTEND WIRE AND CONDUIT AS REQUIRED TO TERMINATE AT NEW LIGHT FIXTURE, POWER PACK, CONTROLLER, AND SWITCH. WIRE AND CONDUIT SHALL BE SIZED IN ACCORDANCE WITH NEC. CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE AS REQUIRED. IN AREAS WITH DROP CEILINGS, INSTALL POWER PACK ABOVE CEILING. IN AREAS WITH GYPSUM BOARD / PLASTER CEILINGS INSTALL THE POWER PACK ABOVE THE CEILING AND PROVIDE AN ACCESS HATCH ADEQUATELY SIZED TO ALLOW FOR SERVICING / REPLACEMENT OF THE POWER PACK OR INSTALL POWER PACK ABOVE THE CEILING IN AN ADJACENT ROOM WITH A DROP CEILING.
- FOR ALL EMERGENCY DRIVERS, CONTRACTOR SHALL PROVIDE AND INSTALL AN UNSWITCHED POWER FEED FROM THE LINE SIDE OF THE LIGHT SWITCH SERVING THE LIGHT FIXTURES IN THE ROOM WHERE THE NEW EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. UNSWITCHED FEED SHALL ORIGINATE FROM THE SAME CIRCUIT FEEDING LIGHT FIXTURES IN THE ROOM WHERE THE EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. NORMAL LIGHTING SHALL BE AS SHOWN. PROVIDE AND INSTALL WIRE AND CONDUIT AS REQUIRED. CONTRACTOR SHALL PATCH, REPAIR, RESTORE, PRIME, PAINT, AND REFINISH TO MATCH ORIGINAL APPEARANCE OF ALL WALLS, CEILINGS, AND ALL BUILDING FINISHED THAT ARE DISTURBED DURING INSTALLATION OF THE UNSWITCHED POWER FEED.
- CONTRACTOR SHALL PROVIDE AND INSTALL EMERGENCY BATTERY BACKUP INVERTER (DUAL LITE MODEL #: LC250-S-I OR APPROVED EQUAL) MOUNTED IN ELECTRICAL ROOM. PROVIDE REMOTE TEST BUTTON BELOW INVERTER. INVERTER AND WIRE BETWEEN INVERTER AND LIGHT FIXTURE IS NOT SHOWN FOR CLARITY PURPOSES. PROVIDE 2 #12 AWG + #12 AWG GND IN 3/4" x 4" BETWEEN INVERTER AND LIGHT FIXTURE.
- CONTRACTOR SHALL PROVIDE AND EXTEND EXISTING LIGHTING CONTROL WIRING TO TERMINATE TO NEW LIGHT FIXTURE NOTED WITH SAME LETTER DESIGNATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW LIGHT FIXTURES WITH MINIMAL DISTURBANCE TO EXISTING CEILING, PATCH, PRIME AND PATCH TO MATCH EXISTING.
- CONTRACTOR SHALL COORDINATE MOUNTING LIGHT FIXTURES AND ASSOCIATED SWITCH AT LOWEST POINT OF ELEVATOR CAR TRAVEL AND SWITCH TO BE EASILY ACCESSIBLE FROM THE PIT LADDER. COORDINATE EXACT HEIGHT AND LOCATION WITH ELEVATOR INSTALLER PRIOR TO INSTALLATION.

CONSULTANTS:

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1	1/19/2022	Addendum #1

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PROJECT No.: MKIV 1802	DATE: 12/13/2021	SCALE:	AS SHOWN

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



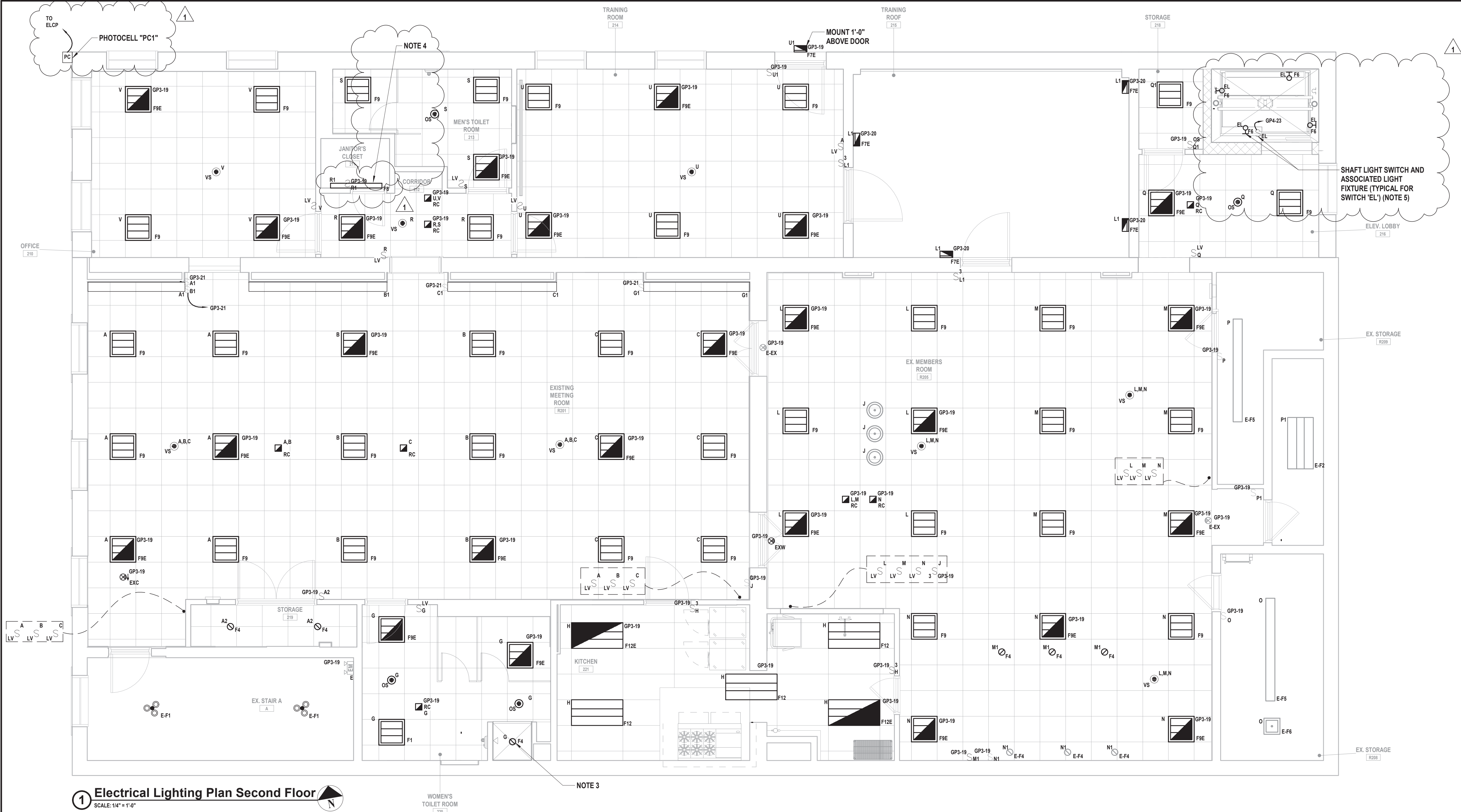
99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT	CONTRACT G GENERAL CONSTRUCTION
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STATUS	CONSTRUCTION DOCUMENTS
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SHEET TITLE	ELECTRICAL LIGHTING PLAN SECOND FLOOR
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DRAWING No.	E 122.01
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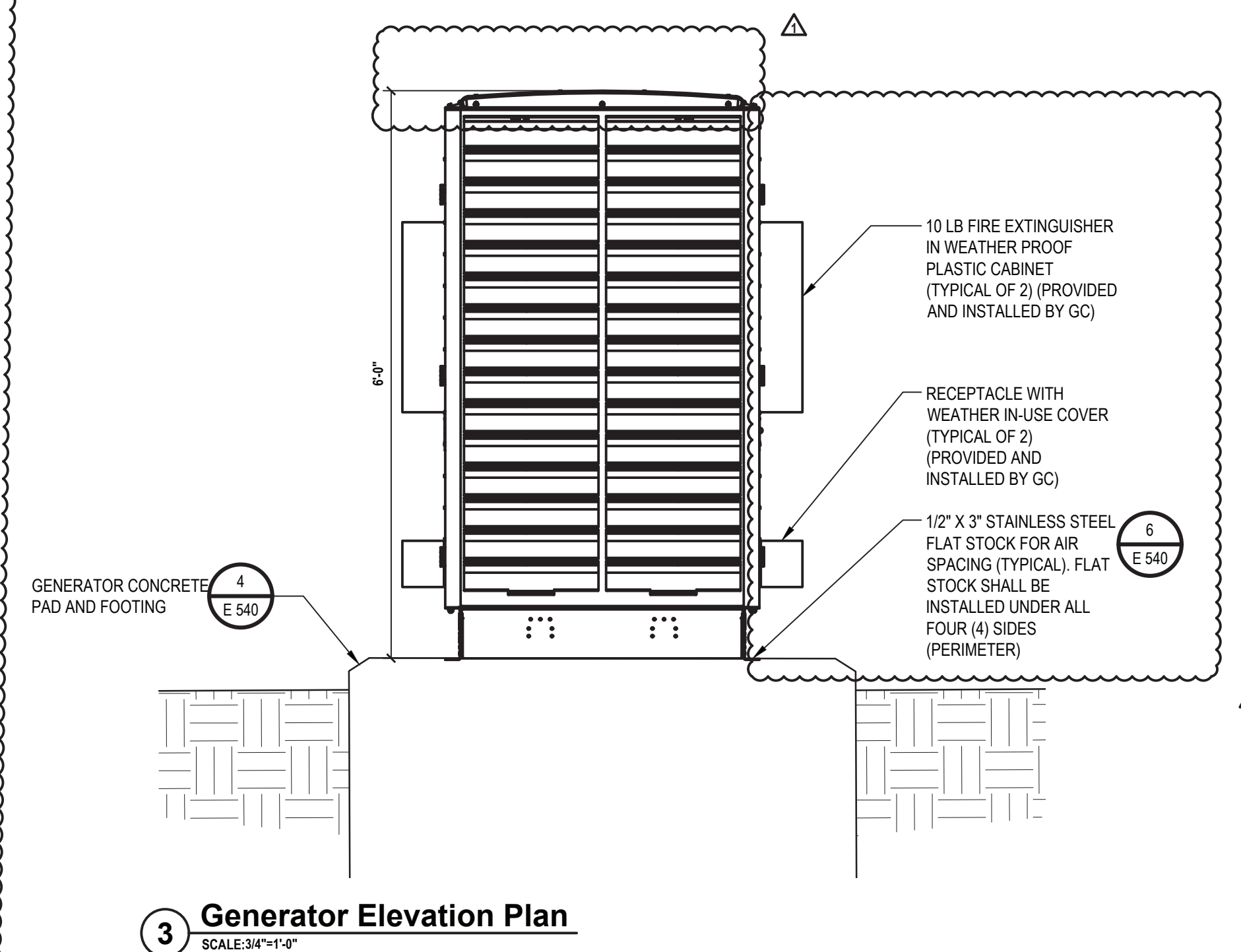
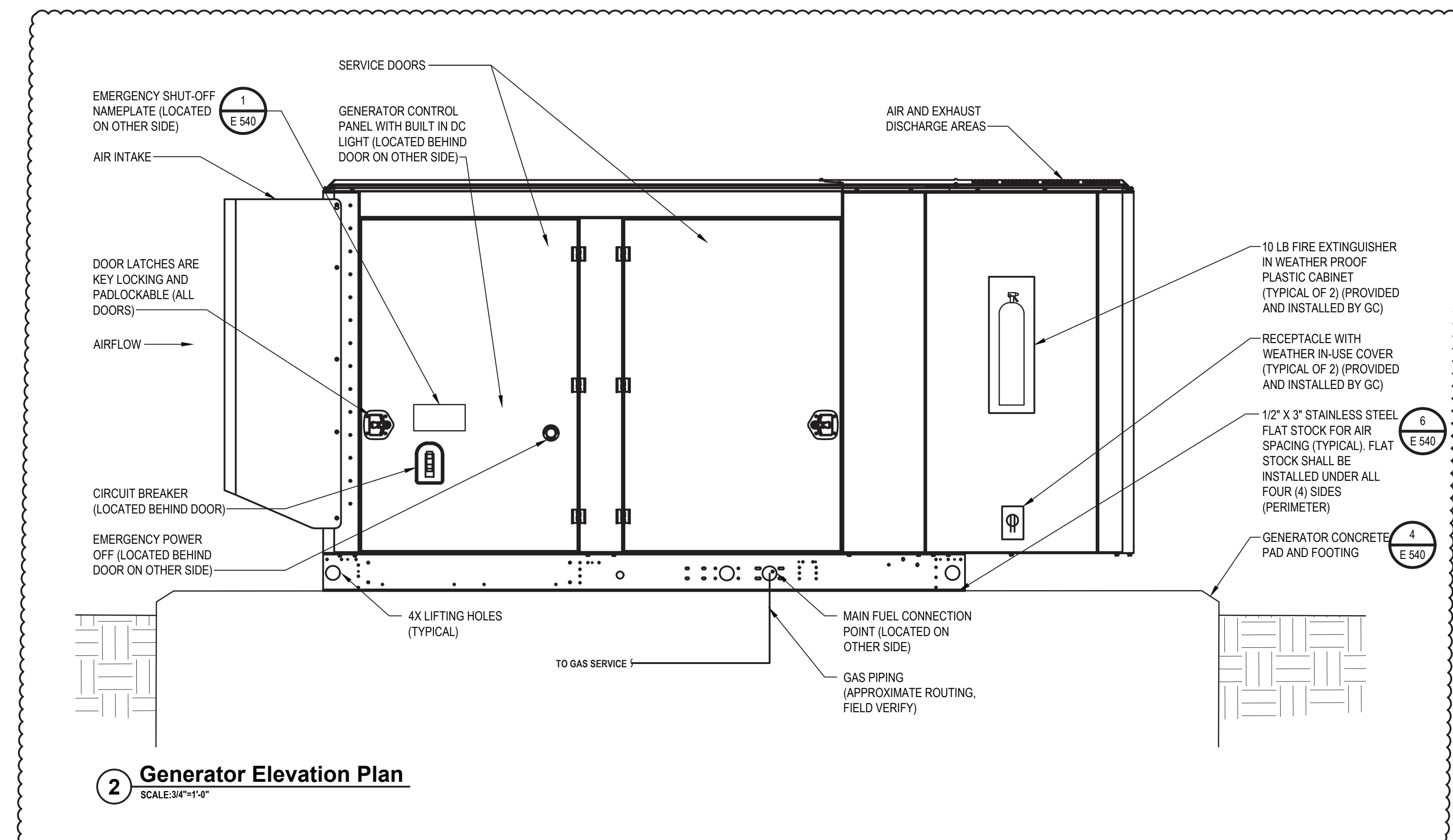
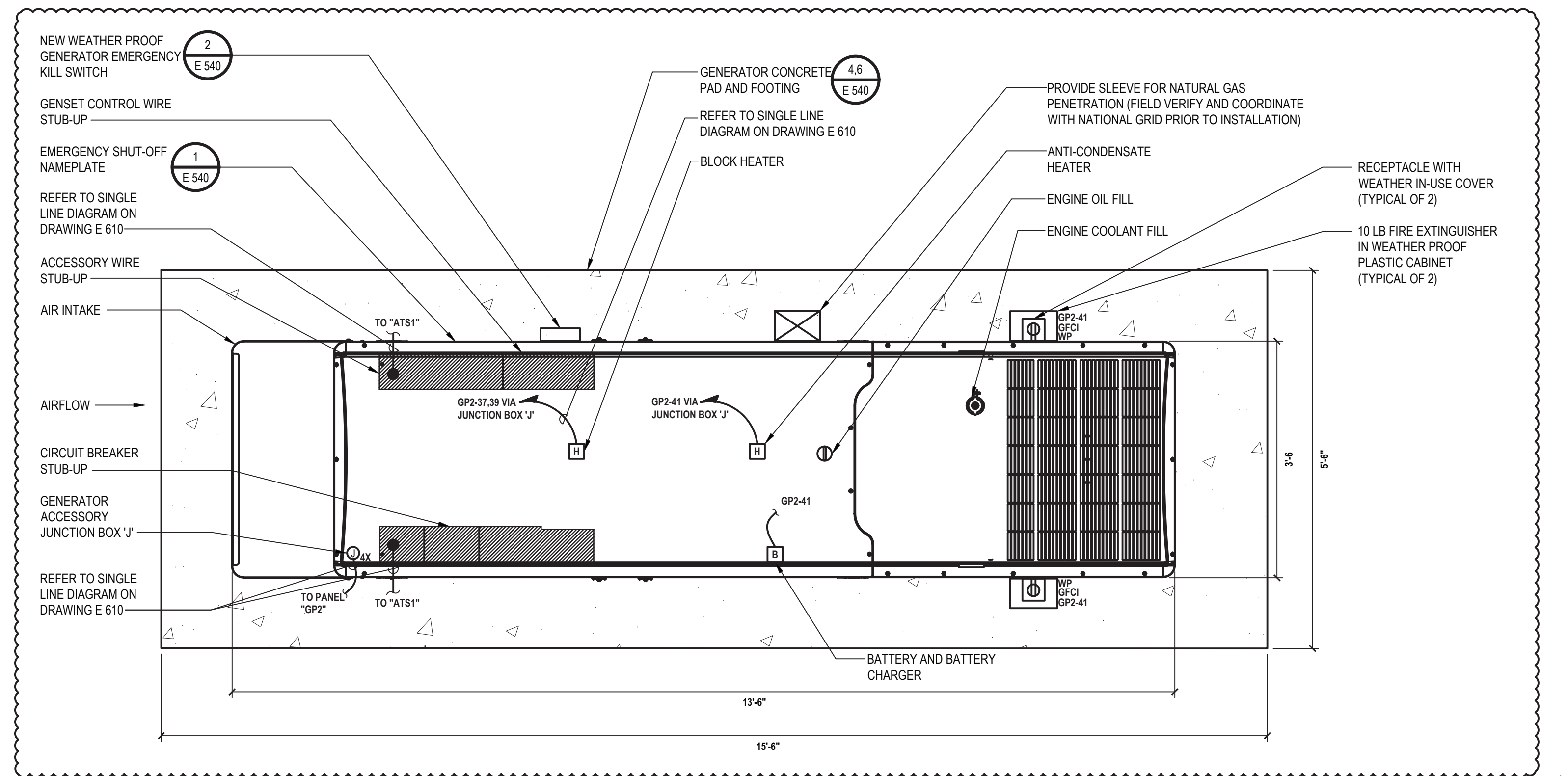
1 Electrical Lighting Plan Second Floor
SCALE: 1/4" = 1'-0"

LIGHTING GENERAL NOTES:

- PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES, CONTROLLERS AND/OR VACANCY/OCCUPANCY SENSORS FOR COMPLETE LIGHTING CONTROL. WHERE 3 SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.
- CONTRACTORS SHALL LOCATE AND INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOMS TO PROVIDE CLEARANCE FROM ALL MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING FIXTURES, SWITCHES, CONDUIT, AND WIRING.
- FIXTURES INDICATED WITH CIRCUIT DESIGNATIONS SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.
- FIXTURES INDICATED WITH LETTER DESIGNATIONS SHALL BE CONNECTED TO THE SWITCH, OCCUPANCY SENSOR AND/OR POWER PACK WITH CORRESPONDING LETTER DESIGNATION.
- PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
- PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES, VACANCY/OCCUPANCY SENSORS, AND/OR ROOM CONTROLLER.
- ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS AND ALL FIXTURES THAT ARE PART OF AN EMERGENCY LIGHTING SYSTEM, SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FED FROM.
- WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.
- CONTRACTOR SHALL USE SILICONE WATER PROOF SEALANT TO SEAL TOP, LEFT, AND RIGHT EDGES OF LIGHT FIXTURES TO WALL TO PREVENT MOISTURE FROM ACCUMULATING BEHIND FIXTURE. BOTTOM EDGE SHALL BE LEFT UNSEALED FOR DRAINAGE. COLOR OF SILICONE SHALL MATCH EITHER WALL COLOR OR FIXTURE COLOR. (TYPICAL OF ALL WALL MOUNTED FIXTURES).

ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL PROVIDE AND EXTEND WIRE AND CONDUIT AS REQUIRED TO TERMINATE AT NEW LIGHT FIXTURE, ROOM CONTROLLER, AND SWITCH. WIRE AND CONDUIT SHALL BE SIZED IN ACCORDANCE WITH NEC. CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE AS REQUIRED. IN AREAS WITH DROP CEILINGS, INSTALL ROOM CONTROLLER ABOVE CEILING. IN AREAS WITH GYPSUM BOARD / PLASTER CEILINGS INSTALL THE ROOM CONTROLLER(S) ABOVE THE CEILING AND PROVIDE AN ACCESS HATCH ADEQUATELY SIZED TO ALLOW FOR SERVICING / REPLACEMENT OF THE ROOM CONTROLLER(S) OR INSTALL ROOM CONTROLLER(S) ABOVE THE CEILING IN AN ADJACENT ROOM WITH A DROP CEILING.
- FOR ALL EMERGENCY DRIVER, CONTRACTOR SHALL PROVIDE AND INSTALL AN UNSWITCHED POWER FEED FROM THE LINE SIDE OF THE LIGHT SWITCH SERVING THE LIGHT FIXTURES IN THE ROOM WHERE THE NEW EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. UNSWITCHED FEED SHALL ORIGINATE FROM THE SAME CIRCUIT FEEDING LIGHT FIXTURES IN THE ROOM WHERE THE EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. NORMAL LIGHTING SHALL BE AS SHOWN. PROVIDE AND INSTALL WIRE AND CONDUIT AS REQUIRED. CONTRACTOR SHALL PATCH, REPAIR, RESTORE, PRIME, PAINT, AND REFINISH TO MATCH ORIGINAL APPEARANCE OF ALL WALLS, CEILINGS, AND ALL BUILDING FINISHED THAT ARE DISTURBED DURING INSTALLATION OF THE UNSWITCHED POWER FEED.
- CONTRACTOR SHALL PROVIDE 'HH6-6501' TRIM FOR WET LOCATION USE FOR LIGHT FIXTURE.
- CONTRACTOR SHALL MOUNT LIGHT FIXTURE ON WALL ABOVE DOOR. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL COORDINATE MOUNTING LIGHT FIXTURES AND ASSOCIATED SWITCH AT HIGHEST POINT OF ELEVATOR CAR TRAVEL AND SWITCH TO BE EASILY ACCESSIBLE FROM THE PIT LADDER. COORDINATE EXACT HEIGHT AND LOCATION WITH ELEVATOR INSTALLER PRIOR TO INSTALLATION.



LIGHTING FIXTURE SCHEDULE

DESIGNATION	SYMBOL	MANUFACTURER	MODEL NUMBER	TYPE	WATTS	COLOR TEMP	VOLT	LUMENS	MOUNTING	REMARKS	MOUNTING HEIGHT	DETAIL
F1		COLUMBIA LIGHTING	LCAT22-40MWG-G-EDU	LED	22	4000K	UNV	3380	RECESSED	-	CEILING	-
F1E		COLUMBIA LIGHTING	LCAT22-40MM-G-EDU-ELL14	LED	22	4000K	UNV	3380	RECESSED	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
F2		COLUMBIA LIGHTING	LXEM4-40ML-RA-EDU	LED	42	4000K	UNV	5168	SURFACE	-	CEILING	-
F2E		COLUMBIA LIGHTING	LXEM4-40ML-RA-EDU-ELL14	LED	42	4000K	UNV	5168	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
F3		MERCURY LIGHTING	LW4-4-3800-40K-HTA-A40-UNI+SR	LED	39	4000K	UNV	3671	SURFACE	-	CEILING	-
F3E		MERCURY LIGHTING	LW4-4-3800-40K-HTA-A40-UNI+SR+EM12	LED	39	4000K	UNV	3671	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
F4		LITEFRAME	HH6IC-LED-900L-DIM10-120-WD-40K-90-CL-WH	LED	12	4000K	UNV	900	RECESSED	-	CEILING	-
F5		HUBBELL	UCS-BEL/VSL-BEL-12LED-NW-DB-WCV	LED	70	4000K	UNV	7920	SURFACE	-	8'-0" AFG, UON	-
F5E		HUBBELL	UCS-BEL/VSL-BEL-12LED-NW-DB-WCV	LED	70	4000K	UNV	7920	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	8'-0" AFG, UON	
F6		HUBBELL	VWGL-1	LED	11	4000K	UNV		SURFACE	-		-
F7E		HUBBELL	TRP2-24L-70-4K8-3-UNV-BLT-PC-EH	LED	70	4000K	UNV	7920	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	8'-0" AFF, UON	
F8		MERCURY LIGHTING	LW4-4-3800-40K-HTA-A40-UNI+SR	LED	39	4000K	UNV	3671	PENDANT	-	8'-0" AFF	-
F8E		MERCURY LIGHTING	LW4-4-3800-40K-HTA-A40-UNI+SR+EM12	LED	39	4000K	UNV	3671	PENDANT	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	8'-0" AFF	
F9		COLUMBIA LIGHTING	LCAT22-40LWG-G-EDU	LED	22	4000K	UNV	3380	RECESSED	-	CEILING	-
F9E		COLUMBIA LIGHTING	LCAT22-40LW-G-EDU-ELL14	LED	22	4000K	UNV	2811	RECESSED	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
F10		MERCURY LIGHTING	LW4-4-2100-40K-HTA-A40-UNI+SR	LED	18	4000K	UNV	2036	SURFACE	-	CEILING	-
F10E		MERCURY LIGHTING	LW4-4-2100-40K-HTA-A40-UNI+SR+EM12	LED	18	4000K	UNV	2036	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
F11		LITECONTROL	6L-S-D-4-04-BAT-C1-40K-D055-D01-1C-UNV	LED	19	4000K	UNV	2200	SURFACE	-	CEILING	-
F11E		LITECONTROL	6L-S-D-4-04-BAT-C1-40K-D055-D01-1C-UNV-EF	LED	19	4000K	UNV	2200	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
F12		COLUMBIA LIGHTING	LCAT22-40VWG-G-EDU	LED	24	4000K	UNV	3339	RECESSED	-	CEILING	-
F12E		COLUMBIA LIGHTING	LCAT22-40VWG-G-EDU-ELL14	LED	24	4000K	UNV	3339	RECESSED	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
E-F1		GREEN CREATIVE	15A21DIM/840	LED	15	4000K	120V-277V	1700	LAMP	PROVIDE ALL DRIVERS AND ACCESSORIES AS REQUIRED FOR INSTALLATION.	EXISTING	-
E-F2		GREEN CREATIVE	10.5T8/4F/840/DIR/RD	LED	10	4000K	120V-277V	1700	LAMP	PROVIDE ALL DRIVERS AND ACCESSORIES AS REQUIRED FOR INSTALLATION.	EXISTING	-
E-F3		GREEN CREATIVE	8T8/2F/840/DIR/RC	LED	8	4000K	120V-277V	1300	LAMP	PROVIDE ALL DRIVERS AND ACCESSORIES AS REQUIRED FOR INSTALLATION.	EXISTING	-
E-F4		GREEN CREATIVE	15A21DIM/840	LED	15	4000K	120V-277V	1700	LAMP	PROVIDE ALL DRIVERS AND ACCESSORIES AS REQUIRED FOR INSTALLATION.	EXISTING	-
E-F5		GREEN CREATIVE	43T8/8F/840/DEB/-	LED	43	4000K	120V-277V	5500	LAMP	PROVIDE ALL DRIVERS AND ACCESSORIES AS REQUIRED FOR INSTALLATION. REPLACE - WITH PIN CONNECTION. COORDINATE PIN CONNECTION WITH EXISTING FIXTURE.	EXISTING	-
E-F6		GREEN CREATIVE	15A21DIM/840	LED	15	4000K	120V-277V	1700	LAMP	PROVIDE ALL DRIVERS AND ACCESSORIES AS REQUIRED FOR INSTALLATION.	EXISTING	-
EXW		COMPASS	APX6G	LED	2	-	UNV	-	SURFACE	NOTE LF1, EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	1'-0" ABOVE DOOR	
EXC		COMPASS	APX6G	LED	2	-	UNV	-	SURFACE	NOTE LF1, EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	
EM		DUAL LITE	EV2	LED	1	-	UNV	-	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	8'-0" AFF	

DISCONNECT SWITCH SCHEDULE

DISCONNECT SWITCH IDENTIFICATION	TYPE	ENCLOSURE	VOLTS	POLES	FRAME SIZE AMPS	FUSE RATING
DS1 (NOTES S1, S2)	FUSED	NEMA 3R	240	3	200 A	150 A
DS2 (NOTE S3)	FUSED	NEMA 3R	240	1	30 A	20 A

DISCONNECT SWITCH SCHEDULE NOTES:

- S1. CONTRACTOR SHALL PROVIDE AND INSTALL COOPER BUSSMAN DISCONNECT SWITCH OR APPROVED EQUAL. REFER TO SPECIFICATION 262816 FOR ADDITIONAL INFORMATION.
- S2. COORDINATE EXACT FUSE SIZE WITH ELEVATOR INSTALLER.
- S3. DISCONNECT SWITCH SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION PER NEC REQUIREMENTS.

MOTOR STARTER SCHEDULE

IDENTIFICATION	NEMA SIZE	VOLTS / PHASE	ENCLOSURE TYPE	DISCONNECT AMPS / POLE	ACCESSORIES
S1	1	120V/1Ø	NEMA 1	20 / 1	H-O-A SWITCH, RUN AND OVERLOAD LIGHT

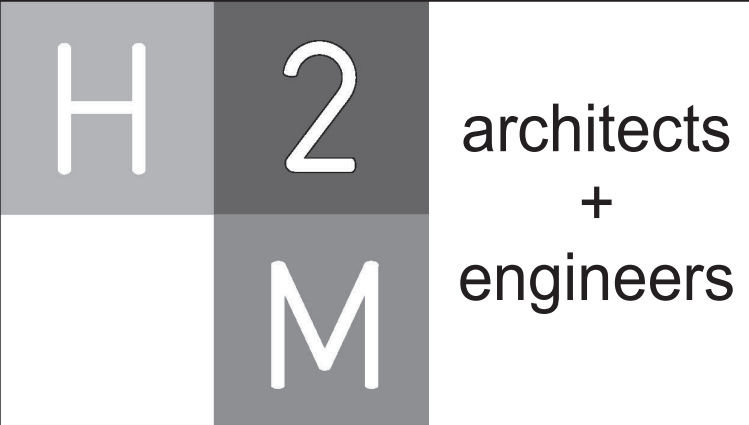
* MOTOR STARTER SHALL BE FRANKLIN ELECTRIC MODEL NUMBER "BAS" OR APPROVED EQUAL

LIGHTING CONTROL SCHEDULE

DESIGNATION	SYMBOL	MANUFACTURER	MODEL NUMBER	VOLT	MOUNTING	REMARKS	MOUNTING HEIGHT	DETAIL
LV		HUBBELL	NXSW-ORLO-WH	24VDC	RECESSED	WALL MOUNTED LOW VOLTAGE	AFC	
OS		HUBBELL	LHMTS-1-G-WH	24VDC	RECESSED	WALL MOUNTED OCCUPANCY SENSOR	-	-
RC		HUBBELL	NXRCFX-2RD-UNV	UNV	SURFACE	ROOM CONTROLLER	AFC, UON	
OS/VS		HUBBELL	OMNI-DT-2000	24VDC	SURFACE	CEILING MOUNTED OCCUPANCY SENSOR/VACANCY SENSOR	CEILING, UON	
OS1		HUBBELL	WSP-SF-24V LENS: WSP-L360-WH	24VDC	SURFACE	HI-BAY CEILING MOUNTED OCCUPANCY SENSOR	CEILING, UON	
PC		INTERMATIC	K4121C	UNV	K42-SW-A (SURFACE)	SWIVEL MOUNT AND 25 AMP RATED PHOTOCELL	AT ROOF LINE	-
TC		TORK	1100	UNV	SURFACE	TIME CLOCK	IN "ELCP"	

LIGHT FIXTURE SCHEDULE NOTE:

LF1. SHADED AREA SHOWN ON DRAWINGS IS TO SHOW THE EXIT SIGN FACE.



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Latham, NY 12110
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CONSULTANTS:

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DESIGNED BY: DJH	DRAWN BY: DJH	CHECKED BY:	REVIEWED BY:
PROJECT No.: MKIV 1802	DATE: 12/13/2021	SCALE:	AS SHOWN

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

99 MAIN STREET, MOUNT KISKO, NY 10549

CONTRACT
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STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL SCHEDULES

DRAWING No.
E 600.01

Name																					
Panelboard:		MDP		Voltage:		208Y/120		Phase:		3		Wire		4		A.I.C. Rating:		65,000			
Manufacturer:		SIEMENS		Mains:		600 A MCB		Mains Rating:		600 A											
Panel Type:		P2		Mounting:		SURFACE		Options:				Notes:									
NEMA Type Enclosure		1																			
Load Description				Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description			
GP1				225 A	3	1	13196 VA			5520 VA				2			50 A	HACR	RTU-1		
						3		13254 VA			5520 VA		4								
						5			9150 VA		5520 VA		6								
GP2				150 A	3	7	5342 VA			4200 VA		4200 VA		8			45 A	HACR	RTU-2		
						9		4394 VA				10									
						11			3382 VA		4200 VA		12								
GP3				150 A	3	13	5910 VA		4520 VA		3480 VA		3480 VA	16	3	40 A	HACR	RTU-3			
						15			4680 VA		3480 VA	18									
						17					1000 VA		1176 VA		20	1					20 A
GP4				225 A	3	21		10632 VA			1176 VA		1176 VA	22	1	20 A	FIRE ALARM CONTROL PANEL NEW BACK DOOR MOTOR NEW FRONT DOOR MOTOR				
						23			11139 VA			24	1	20 A							
						25	0 VA			180 VA		0 VA		26	1	20 A					
SURGE SUPPRESSION				--	30 A	3	27		0 VA		0 VA		28	--	--	--	EFLCP				
SPACE				--	--	--	29		0 VA		0 VA		30	--	--	--	SPACE				
SPACE				--	--	--	31	0 VA		0 VA		0 VA		32	--	--	--	SPACE			
SPACE				--	--	--	33		0 VA		0 VA		0 VA		34	--	--	--	SPACE		
SPACE				--	--	--	35			0 VA		0 VA		36	--	--	--	SPACE			
SPACE				--	--	--	37	0 VA		0 VA		0 VA		38	--	--	--	SPACE			
SPACE				--	--	--	39		0 VA		0 VA		0 VA		40	--	--	--	SPACE		
SPACE				--	--	--	41			0 VA		0 VA		42	--	--	--	SPACE			
SPACE				--	--	--	43	0 VA		0 VA		0 VA		44	--	--	--	SPACE			
SPACE				--	--	--	45		0 VA		0 VA		0 VA		46	--	--	--	SPACE		
ELEVATOR MOTOR DISCONNECT				150 A	3	47				11408 VA		0 VA		0 VA	48	--	--	--	SPACE		
						49	11408 VA			0 VA		50	--	--	--						
						51		11408 VA		0 VA		52	--	--	--						
ELEVATOR CAB DISCONNECT				20 A	1	53			180 VA		0 VA		54	--	--	--	SPACE				
Connected Totals:				A	58.8 kVA											Breaker Option					
				B	58.6 kVA											AS - Powerlink AS Breaker					
				C	54.3 kVA											LO - Handle Lock-off Device					
Total:					171.7 kVA											ST - Shunt Trip Type					
Amps:					477 A											AUX - Auxiliary Contacts					
																PA - Handle Padlock Attachment					
																GFCI - Ground Fault Circuit Interrupter					
																HACR - Heating, A/C & Refrigeration					
																SF - Subfeed					
																TC - Time Clock Control					
(All Phases to be balanced to within 7% Actual Load Totals)																					

Name

Panelboard:

GP1

Manufacturer:

SIEMENS

Panel Type:

P2

NEMA Type Enclosure

1

Voltage:

208Y/120

Mains:

225 A MCB

Mounting:

SURFACE

Phase:

3

Mains Rating:

225 A

Options:

Wire

4

A.I.C. Rating:

42,000

Notes:

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
SERVER RACK RECEPT.		20 A	1	1	720 VA			1000 VA			2	1	20 A		SHORE POWER
SHORE POWER		20 A	1	3		1000 VA			180 VA		4	1	20 A		EXTRACTOR RECEPT.
EXISTING AIR CLEANER		20 A	2	5	780 VA		780 VA		780 VA		6	2	20 A		EXISTING AIR CLEANER
				7				780 VA		180 VA	8				
EXISTING DRYER RECEPT.		30 A	2	9		90 VA				1080 VA	10	1	20 A		EXISTING WASHING MACHINE...
				11							12	2	20 A		EXISTING GEAR DRYER RECEPT.
AS-1		20 A	1	13	780 VA			1080 VA			14				
HWUH-1		20 A	1	15		1920 VA		1920 VA		1920 VA	16	1	20 A		HWUH-1
HWUH-1		20 A	1	17			1920 VA		696 VA		18	1	20 A		HWUH-1
HWUH-1		20 A	1	19	1920 VA				696 VA		20	1	20 A		EF-1
EF-4		30 A	1	21		1656 VA				500 VA	22	1	20 A		CP-1
				23			1000 VA			800 VA	24	1	20 A		EXISTING EXHAUST FAN
ECH-1		20 A	3	25	1680 VA			100 VA			26	1	20 A		CP-1
				27		1000 VA		100 VA		1260 VA	28	1	20 A		SP-1 RECEPT.
L-1 & L-2		20 A	1	29			360 VA			180 VA	30	1	20 A		EXISTING AIR COMPRESSOR
SHORE POWER		20 A	1	31	1800 VA			1000 VA		1000 VA	32	1	20 A		SHORE POWER
EXISTING DOOR MOTOR		20 A	1	33		1000 VA			1000 VA		34	1	20 A		EXISTING DOOR MOTOR
EX EGR/STOR R108		20 A	1	35			360 VA			180 VA	36	1	20 A		SHAFT RECEPTACLE
EXISTING BOILER STOP		20 A	1	37	180 VA			2160 VA			38	1	20 A		EXISTING BOILER
GO-1		20 A	1	39		180 VA			1368 VA		40	1	20 A		EXISTING-BOILER PUMPS
SPARE	--	20 A	1	41			0 VA			0 VA	42	1	20 A	--	SPARE

Connected Totals:

A 13.2 kVA

B 13.3 kVA

C 9.2 kVA

Total: 35.6 kVA

Amps 99 A

Breaker Option

AS - Powerlink AS Breaker

LO - Handle Lock-off Device

ST - Shunt Trip Type

AUX - Auxiliary Contacts

PA - Handle Padlock Attachment

GFCI - Ground Fault Circuit Interrupter

HACR - Heating, A/C & Refrigeration

SF - Subfeed

TC - Time Clock Control

(All Phases to be balanced to within 7% Actual Load Totals)

Name																			
Panelboard:		GP2		Voltage:		208Y/120		Phase:		3		Wire		4		A.I.C. Rating:		42,000	
Manufacturer:		SIEMENS		Mains:		150 A MCB		Mains Rating:		150 A									
Panel Type:		P2		Mounting:		SURFACE		Options:				Notes:							
NEMA Type Enclosure		1																	
Load Description		Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description			
APPARTUS BAY 118 RECEPT. LOBBY RECEPT.		20 A	1	1	1620 VA				360 VA			2	1	20 A		TV RECEPT.			
		20 A	1	3		540 VA				1080 VA		4	1	20 A		RADIO RM RECEPT.			
APPARTUS BAY R108 RECEPT.		20 A	1	5				1800 VA				360 VA	6	1	20 A		1ST FLR BTHRM RECEPT.		
MECH RM RECEPT.		20 A	1	7	360 VA				900 VA				8	1	20 A		LAUNDRY RM RECEPT.		
CORRIDOR RECEPT.		20 A	1	9		1080 VA				540 VA		10	1	20 A		EXISTING CHIEFS RECEPT.			
1ST FLR FLTRHM HAND DRYER		20 A	1	11				1000 VA			180 VA	12	1	20 A		ELEVATOR PIT RECEPT.			
NEW APPARTUS BAY LTG		20 A	1	13	548 VA				1554 VA			14	1	20 A		EXISTING APPARTUS BAY LTG			
FIRST FLOOR BACK AREA LTG		20 A	1	15		878 VA				277 VA		16	1	20 A		EXTERIOR LTG.			
ELEVATOR PIT LTG.		20 A	1	17			44 VA			0 VA		18	1	20 A	--	SPARE			
SPARE		--	20 A	1	19	0 VA			0 VA			20	1	20 A	--	SPARE			
SPARE		--	20 A	1	21		0 VA			0 VA		22	1	20 A	--	SPARE			
SPARE		--	20 A	1	23			0 VA		0 VA		24	1	20 A	--	SPARE			
SPARE		--	20 A	1	25	0 VA			0 VA		0 VA	26	--	--	--	SPACE			
SPACE		--	--	--	27		0 VA		0 VA		0 VA	28	--	--	--	SPACE			
SPACE		--	--	--	29			0 VA		0 VA		30	--	--	--	SPACE			
SPACE		--	--	--	31	0 VA			0 VA		0 VA	32	--	--	--	SPACE			
SPACE		--	--	--	33		0 VA			0 VA		34	--	--	--	SPACE			
SPACE		--	--	--	35			0 VA		0 VA		36	--	--	--	SPACE			
GENERATOR BLOCK HEATER		--	30 A	2	37	0 VA			0 VA		0 VA	38	--	--	--	SPACE			
		--			39			0 VA			0 VA	40	--	--	--	SPACE			
GENERATOR ACCESSORIES		--	20 A	1	41			0 VA			0 VA	42	--	--	--	SPACE			
Connected Totals:					A	5.3 kVA											Breaker Option		
					B	4.4 kVA											AS - Powerlink AS Breaker		
					C	3.4 kVA											LO - Handle Lock-off Device		
Total:					13.1 kVA											ST - Shunt Trip Type			
Amps					36 A											AUX - Auxiliary Contacts			
																PA - Handle Padlock Attachment			
																GFCI - Ground Fault Circuit Interrupter			
																HACR - Heating, A/C & Refrigeration			
																SF - Subfeed			
																TC - Time Clock Control			
(All Phases to be balanced to within 7% Actual Load Totals)																			

Name

Panelboard:

GP3

Voltage:

208Y/120

Phase:

3

Wire

4

A.I.C. Rating:

42,000

Manufacturer:

SIEMENS

Mains:

150A MCB

Mains Rating:

150 A

Panel Type:

P2

Mounting:

SURFACE

Options:

Notes:

NEMA Type Enclosure

1

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
2ND FLR STORAGE RECEPT.		20 A	1	1	180 VA			1080 VA			2	1	20 A		2ND FLR RECEPT.
OFFICE 210 RECEPT.		20 A	1	3			720 VA			360 VA	4	1	20 A		STORAGE R208 RECEPT.
TRAINING ROOF RECEPT.		20 A	1	5				540 VA			6	1	20 A		TRAINING RM RECEPT.
WOMENS TOILET HAND DRYER	GFCI	20 A	1	7	1000 VA			360 VA			8	1	20 A		WOMENS TOILET RECEPT.
EXISTING MEETING RM RECEPT.		20 A	1	9			540 VA		1080 VA		10	1	20 A		EXISTING PROJECTOR RECEPT.
EXISTING MEMBERS RM RECEPT.		20 A	1	11					1080 VA		12	1	20 A		EXISTING MEMBERS RM BAR...
MENS TOILET HAND DRYER	GFCI	20 A	1	13	1000 VA			360 VA			14	1	20 A		MENS TOILET RECEPT.
2ND FLR CORRIDOR RECEPT.		20 A	1	15			540 VA			180 VA	16	1	20 A		PROJECTOR RECEPT.
WATER FOUNTAIN RECEPT.		20 A	1	17			360 VA			720 VA	18	1	20 A		ELEVATOR LOBBY RECEPT.
SECOND FLOOR LTG		20 A	1	19	1656 VA			280 VA			20	1	20 A		TRAINING ROOF LTG.
EXISTING TROPHY CASE LTG.		20 A	1	21			1000 VA			1000 VA	22	1	20 A		EXISTING CUH
SPACE	--	--	--	23						0 VA	24	--	--	--	SPACE
SPACE	--	--	--	25	0 VA		0 VA	0 VA			26	--	--	--	SPACE
SPACE	--	--	--	27		0 VA				0 VA	28	--	--	--	SPACE
SPACE	--	--	--	29			0 VA			0 VA	30	--	--	--	SPACE

Connected Totals:

A

5.9 kVA

B

4.5 kVA

C

4.7 kVA

Total:

15.1 kVA

Amps:

42 A

Breaker Option

AS - Powerlink AS Breaker

LO - Handle Lock-off Device

ST - Shunt Trip Type

AUX - Auxiliary Contacts

PA - Handle Padlock Attachment

GFCI - Ground Fault Circuit Interrupter

HACR - Heating, A/C & Refrigeration

SF - Subfeed

TC - Time Clock Control

(All Phases to be balanced to within 7% Actual Load Totals)

* SERVICE ENTRANCE RATED

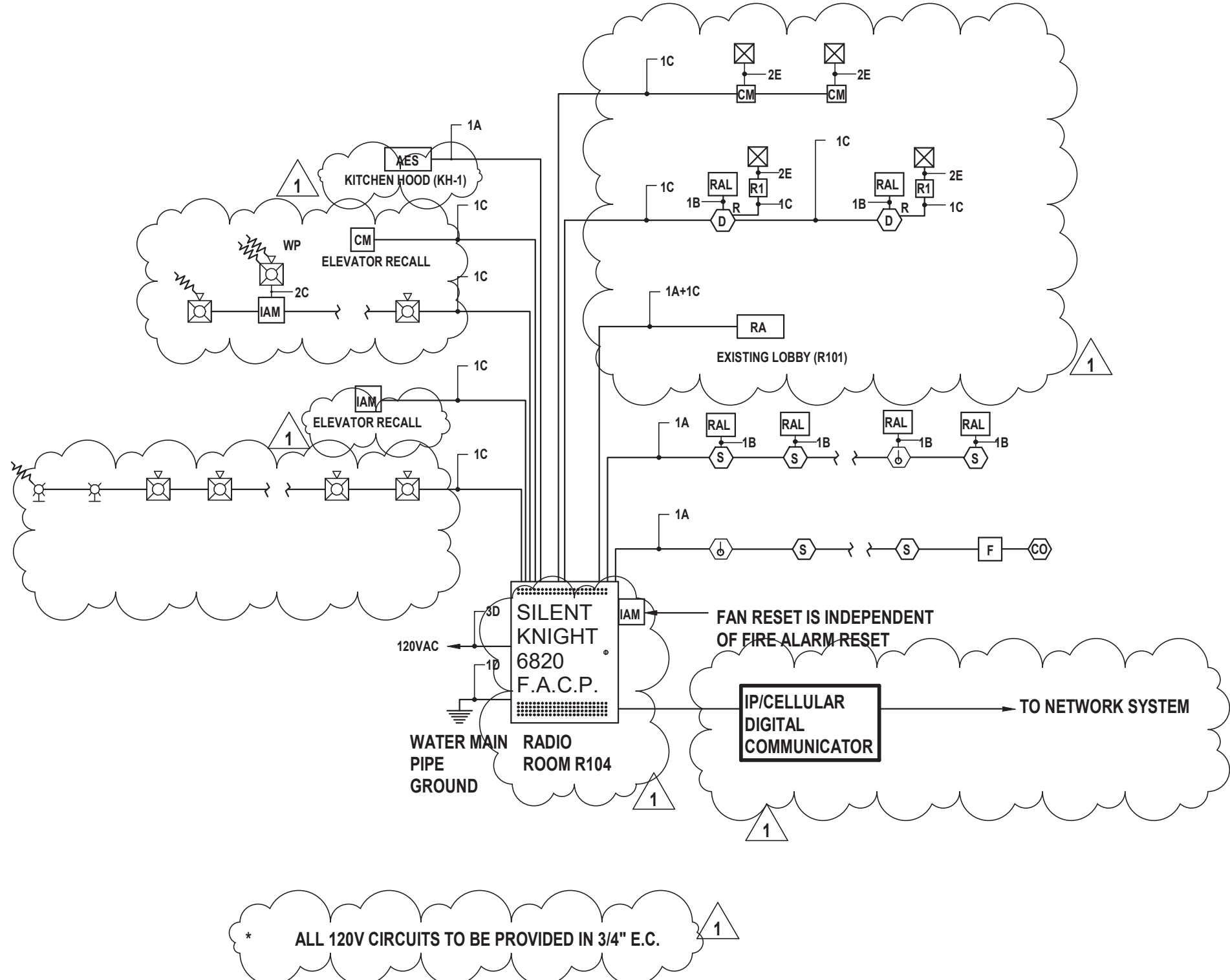
SINGLE LINE DIAGRAM NOTES:

2 Electrical Partial New Single Line Diagram (NOTE SL1)
SCALE:NTS

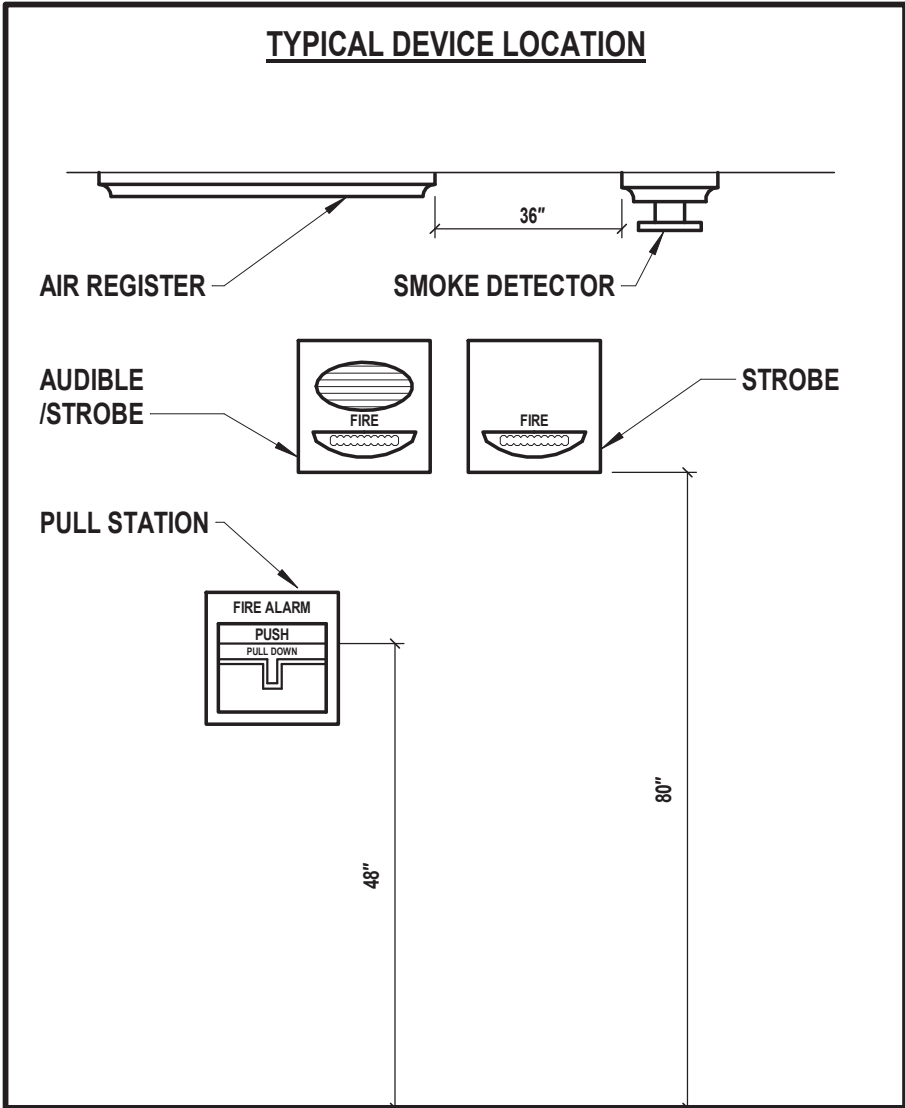
FIRE ALARM SHEET LIST	
Sheet Number	Sheet Name
FA 001	FIRE ALARM LEGENDS AND RISER DIAGRAMS
FA 101	FIRE ALARM PLAN FIRST FLOOR
FA 102	FIRE ALARM PLAN SECOND FLOOR
FA 103	FIRE ALARM PLAN ROOF

SYMBOL	DESCRIPTION	COMMENTS
	FIRE ALARM CONTROL PANEL.	
	REMOTE ANNUNCIATOR WITH BACKBOX.	
	SMOKE DETECTOR.	
	SMOKE DETECTOR WITH CARBON MONOXIDE AND LOCAL TEMPORAL "V" SOUNDER BASE.	
	SMOKE DETECTOR WITH CARBON MONOXIDE AND INTEGRAL SOUNDER BASE.	
	CARBON MONOXIDE DETECTOR.	
	ABOVE CEILING SMOKE DETECTOR WITH REMOTE ALARM LAMP.	
	DUCT DETECTOR WITH REMOTE ALARM LAMP, "S" DENOTES SUPPLY, "R" DENOTES RETURN.	
	HEAT DETECTOR.	
	HEAT DETECTOR DDP.	
	HORN/STROBE COMBO.	
	WEATHER PROOF HORN/STROBE COMBO WITH BACKBOX.	
	ADAPTER MODULE WITH MOUNTING PLATE.	
	SMOKE HATCH (F.B.O.).	
	STROBE.	
	MAGNETIC DOOR HOLDER.	
	DOOR RELEASE RELAY.	
	MANUAL PULL STATION WITH BACKBOX.	
	RELAY.	
	INDIVIDUAL ADDRESSABLE MODULE.	
	CONTROL MODULE.	
	AUTOMATIC EXTINGUISHING SYSTEM.	
	MOTOR STARTER.	
	END OF LINE RESISTOR.	
	BEAM DETECTOR TRANSMITTER.	
	BEAM DETECTOR RECEIVER.	
	SURGE PROTECTOR.	
	BELL/STROBE.	
	SMOKE DETECTOR FOR ELEVATOR RECALL.	
	SUPPRESSION RELEASING PANEL.	
	MAINTENANCE SWITCH.	
	SOLENOID (F.B.O.).	
	PRESSURE SWITCH.	
	TAMPER SWITCH.	
	FLOW SWITCH.	
	COIL SUPERVISORY (F.B.O.).	
	AIR COMPRESSOR, LOW PRESSURE (F.B.O.).	
	AIR COMPRESSOR, HIGH PRESSURE (F.B.O.).	
	STAGE 2 BELL.	

- NOTES:
1. ALL WIRING TO BE INSTALLED ACCORDING TO THE LATEST REVISION OF THE NATIONAL ELECTRIC CODE OR AS DICTATED BY CONTRACT SPECIFICATIONS, AND THE 2013 EDITION OF N.F.P.A 72 OR AS REQUIRED BY LOCAL ORDINANCE.
 2. ALL CONDUCTORS MUST BE TEST FREE OF OPENS, SHORTS AND GROUNDS.
 3. GROUNDING MUST COMPLY WITH THE NATIONAL ELECTRIC CODE. GROUNDING MUST BE NO. 12 A.W.G.
 4. ALL PANEL TERMINATIONS TO BE SUPERVISED BY A FACTORY AUTHORIZED TECHNICIAN PRIOR TO POWERING EQUIPMENT.
 5. FOR COMPONENT WIRING AND INSTALLATION INFORMATION REFER TO MANUFACTURERS REQUIREMENTS.
 6. REFER TO CONTRACT DRAWINGS FOR APPROXIMATE DEVICE LOCATIONS. DRAWINGS REPRESENT DEVICE QUANTITIES. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING SCALED LOCATIONS. CONTRACTOR TO SUBMIT PLANS STAMPED BY LICENSED NEW YORK PROFESSIONAL ENGINEER ONLY. SHOP DRAWINGS WITHOUT P.E STAMP WILL BE AUTOMATICALLY REJECTED.
 7. EXISTING FIRE ALARM SYSTEM INCLUDING ALL DEVICES TO BE DISCONNECTED AND REMOVED IN ITS ENTIRETY AFTER NEW FIRE ALARM HAS BEEN TESTED AND ACCEPTED BY LOCAL FIRE MARSHALL, OWNER AND ENGINEER ALL EQUIPMENT, CONDUIT AND WIRING TO BE REMOVED FROM DEVICE BACK TO THEIR ORIGINAL SOURCE.
 8. CONTRACTOR RESPONSIBLE TO PATCH & PAINT ALL OPENINGS AS A RESULT OF REMOVAL OF EXISTING EQUIPMENT.
 9. INSTALL DETECTORS A MINIMUM OF 3'-0" FROM ANY SUPPLY OR RETURN AIR REGISTERS. COORDINATE EXACT LOCATIONS OF SUPPLY/RETURNS REGISTERS WITH MECHANICAL CONTRACTOR.
 10. WHEN INSTALLING SHIELDED CABLE THE FOLLOWING MUST BE OBSERVED:
 - A. METALLIC CONTINUITY MUST BE MAINTAINED THROUGHOUT THE CABLE RUN.
 - B. THE CABLE SHIELD MUST BE ISOLATED FROM GROUND AND TERMINATED ONLY IN THE ASSOCIATED CONTROL PANEL AT THE TERMINAL INDICATED ON THE CONTROL PANEL DRAWINGS. THE REMOTE END OF THE SHIELD (AT LAST DEVICE) MUST BE TAPED AND ISOLATED FROM GROUND.
 11. ALL STROBE APPLIANCES SHALL BE SYNCHRONIZED. ALL ALARM INDICATING APPLIANCES SHALL SOUND A 'TEMPORAL 3' CODE PATTERN.
 12. AFTER ALARM INDICATION, ALL FANS SHALL BE MANUALLY RESET INDEPENDENT FROM F.A.C.P. SYSTEM RESET. PROVIDE ALL REQUIRED HARDWARE ACCESSORIES, MOTOR STARTERS, CONTROLS, POWER AND CONTROL WIRING AND CONDUITS TO PROVIDE INDEPENDENT RESET OF ALL FANS AFTER ALARM INDICATION.
 13. INSTALL ALL DEVICES IN ACCORDANCE WITH A.D.A REQUIREMENTS. ALL DEVICES SHALL BE MOUNTED AS FOLLOWS:
 - A. MANUAL PULL STATIONS 48" O.C.
 - B. ALARM INDICATING APPLIANCE 80" A.F.F.
 - C. VERIFY WITH CONTRACT SPECIFICATIONS FOR ANY DEVIATIONS.
 14. STROBES SHALL BE WIRED TO REMAIN ACTIVE AFTER SILENCE FUNCTION IS PERFORMED.
 15. PROVIDE AND INSTALL ALL NECESSARY CONTROL MODULES, SYNCHRONIZATION MODULES AND MONITOR MODULES AS REQUIRED BY MANUFACTURER.
 16. ALL EQUIPMENT TO BE RECESSED MOUNTED AND ALL WIRING AND CONDUIT TO BE RUN CONCEALED.
 17. PROVIDE AND INSTALL ALL REQUIRED RELAYS TO RELEASE ELECTRIC DOOR LATCHES.
 18. COORDINATE EXACT LOCATION OF REMOTE ANNUNCIATOR AND F.A.C.P. WITH LOCAL FIRE MARSHALL AND OWNER.
 19. PROVIDE ALL REQUIRED DUCT SMOKE DETECTORS. CONTRACTOR TO INSTALL DUCT SMOKE DETECTORS. CONTRACTOR TO INTERFACE ALL DUCT DETECTORS WITH FACP.
 20. CONTRACTOR TO INSTALL NECESSARY COMPONENTS FOR ELEVATOR RECALL AS PER AHJ. EACH LOBBY, SHAFT, AND PIT TO HAVE SMOKE DETECTION. WHERE APPLICABLE CONTRACTOR TO COORDINATE AND INSTALL NECESSARY COMPONENTS TO INTERFACE FIRE ALARM SYSTEM, ELEVATOR, AND SMOKE DETECTION LOCATED IN THE ELEVATOR SHAFT AND ELEVATOR LOBBIES.
 21. CONTRACTOR SHALL PROVIDE ALL COMMUNICATION WIRING FOR FACP. PROVIDE ALL REQUIRED WIRING/CONDUIT TO LOCATE COMMUNICATIONS IN FACP. PROVIDE CAT6 CABLE AND DATA JACKS AS REQUIRED.
 22. FIRE ALARM RISER DIAGRAM IS SCHEMATIC. REFER TO FLOOR PLANS FOR DEVICE TYPES AND QUANTITIES.
 23. ALL HVAC EQUIPMENT WITH A CFM RATING OF 1000 CFM OR GREATER SHALL BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ALARM ACTIVATION. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL RETURN DUCT SMOKE DETECTORS WITH REMOTE LED'S FOR ALL HVAC UNITS WITH A CFM RATING OF 2000 CFM OR GREATER. CONTRACTOR SHALL CONDUCT A SURVEY OF ALL HVAC EQUIPMENT.
 24. IN ADDITION TO DEVICES SHOWN ON THE DRAWINGS CONTRACTOR TO PROVIDE FIVE (5) SMOKE DETECTORS, THREE (3) HEAT DETECTORS, THREE (3) MULTI-CRITERIA DETECTORS WITH CARBON MONOXIDE SOUNDER BASE, THREE (3) PULL STATIONS, THREE (3) HORN STROBES, AND THREE (3) STROBES. EACH DEVICE SHALL BE INCLUDED WITH 100' OF WIRING AND/OR CONDUIT.
 25. PLENUM WIRING TO BE USED IN ALL AREAS ABOVE DROP CEILINGS. CONDUIT MUST BE USED IN ALL TRUCK BAYS, MECHANICAL ROOMS, AND ELECTRICAL ROOMS. CONDUIT MUST ALSO BE USED IN ALL AREAS WITH OPEN CEILINGS.



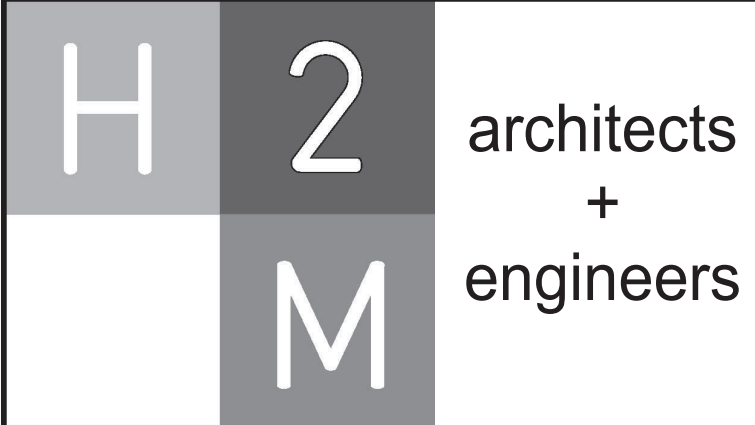
1 Fire Alarm Riser Diagram (NOTE 22)



2 Typical Fire Alarm Device Location

	CONTROL UNIT ANNUNCIATION	NOTIFICATION	SUPPLEMENTARY
ACTUATE COMMON ALARM SIGNAL INDICATOR	●		
ACTUATE VISUAL ALARM SIGNAL	●		
ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	●		
ACTUATE COMMON TROUBLE SIGNAL	●		
ACTUATE ZONE INDICATION	●		
ACTUATE FULL BUILDING EVACUATION SIGNAL	●		
DISPLAY CHANGE OF STATUS	●		
TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	●		
TRANSMIT SUPERVISION SIGNAL TO SUPERVISING STATION	●		
TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	●		
HVAC FAN SHUTDOWN	●		
INITIATE EXTERIOR STROBE	●		
MANUAL PULL STATION	●	●	●
SMOKE DETECTOR	●	●	●
HEAT DETECTOR	●	●	●
DUCT DETECTOR	●	●	●
CARBON MONOXIDE DETECTOR	●	●	●
FIRE PANEL AC POWER FAILURE	●	●	●
FA SYSTEM LOW BATTERY	●	●	●
OPEN CIRCUIT	●	●	●
GROUND FAULT	●	●	●
NOTIFICATION APPLIANCE CIRCUIT SHORT	●	●	●

3 Fire Alarm Sequence of Operations



3 Lear Jet Lane, Suite 205
Latham, NY 12110
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CONSULTANTS:		

MARK	DATE	DESCRIPTION
1	1/19/2022	Addendum #1

DESIGNED BY: DJH			
DRAWN BY: DJH			
CHECKED BY: DJH			
REVIEWED BY: DJH			
PROJECT No: MKIV 1802		DATE: 12/13/2021	SCALE: AS SHOWN

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

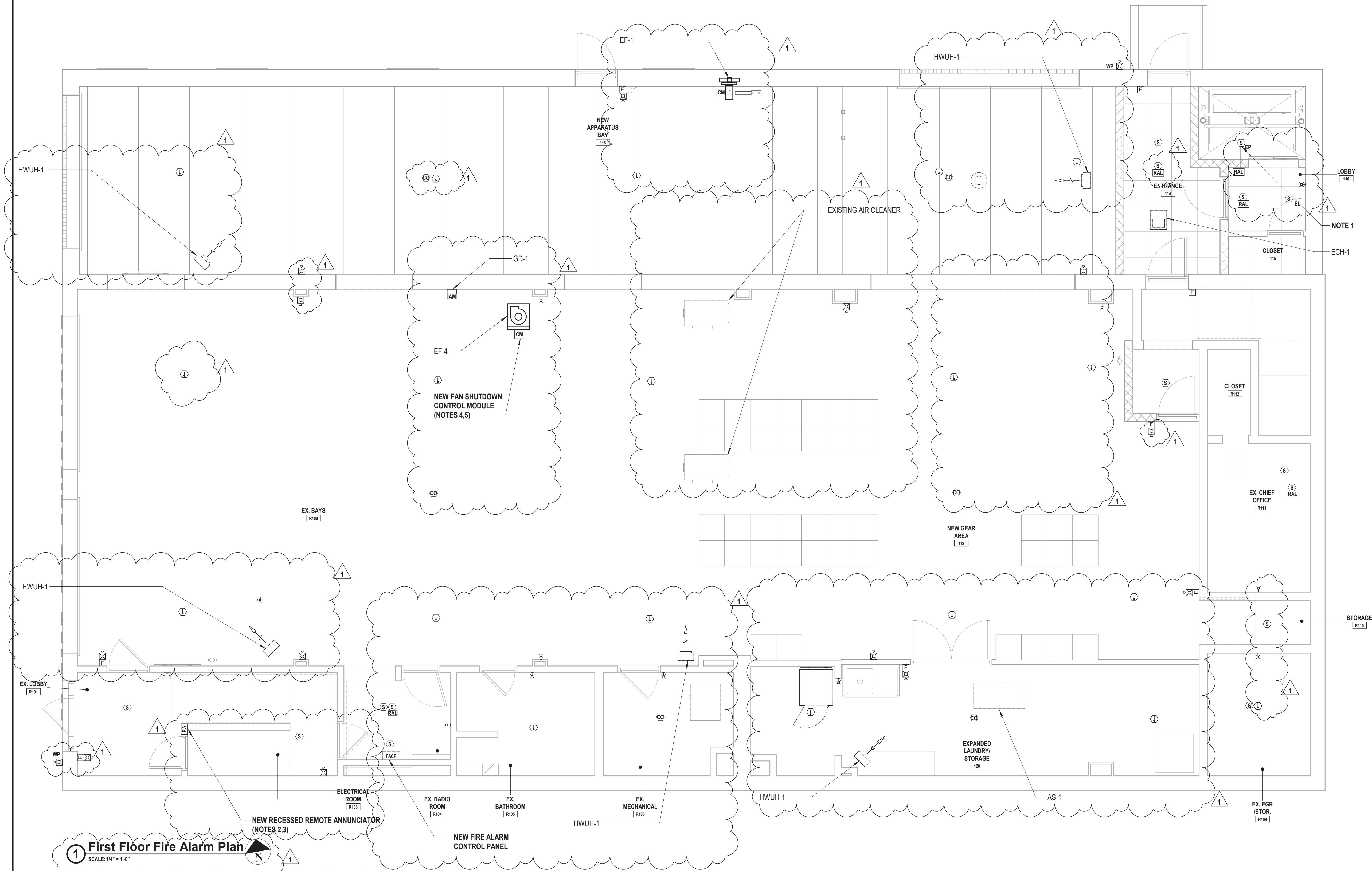
99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
FIRE ALARM LEGENDS AND RISER DIAGRAMS

DRAWING No.
FA 001.01



1 First Floor Fire Alarm Plan
SCALE: 1/4" = 1'-0"

ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL PROVIDE AND INSTALL A SMOKE DETECTOR IN THE ELEVATOR SHAFT PIT. CONTRACTOR SHALL PROVIDE AND INSTALL A CEILING MOUNTED REMOTE ALARM LAMP IN THE HALLWAY ADJACENT TO THE ELEVATOR SHAFT DOORS IN THE CELLAR TO INDICATE WHEN THE ELEVATOR PIT SMOKE DETECTOR IS IN ALARM. PROVIDE AND INSTALL A LABEL ON THE REMOTE ALARM LAMP STATING "ELEVATOR PIT SMOKE DETECTOR". SMOKE DETECTOR SHALL BE INSTALLED BELOW LOWEST TRAVEL OF THE ELEVATOR.
- CONTRACTOR SHALL COORDINATE EXACT LOCATION OF NEW FACP, REMOTE ANNUNCIATOR, AND NAC PANELS WITH OWNER PRIOR TO INSTALLATION.
- REMOTE ANNUNCIATOR SHALL BE MOUNTED SO THAT IT IS VISIBLE FROM OUTSIDE THE BUILDING.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW FAN SHUTDOWN CONTROL MODULES, ALL ASSOCIATED RELAYS, WIRING AND CONDUIT, AND INTEGRATE IT WITH ALL THE HVAC EQUIPMENT AND NEW FIRE ALARM CONTROL PANEL.
- ALL HVAC EQUIPMENT SHALL BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ACTIVATION. CONTRACTOR SHALL INTERFACE WITH ALL NEW AND EXISTING UNITS.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW ELEVATOR RECALL RELAYS AND INTEGRATE WITH NEW FACP. REFER TO SPECIFICATION SECTION 283100 FOR ADDITIONAL INFORMATION:
 - WHEN RECALL SMOKE DETECTOR ADJACENT TO FIRST FLOOR ELEVATOR DOOR IS ACTIVATED, ELEVATOR SHALL RECALL TO THE SECOND FLOOR.
 - WHEN FIRST FLOOR RECALL SMOKE DETECTOR, ELEVATOR PIT RECALL SMOKE DETECTOR, RECALL SMOKE DETECTOR ADJACENT TO SECOND FLOOR ELEVATOR DOORS AND/OR RECALL SMOKE DETECTOR MOUNTED AT THE TOP OF THE ELEVATOR SHAFT IS ACTIVATED, ELEVATOR SHALL RECALL TO THE FIRST FLOOR.

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CONSULTANTS:

--	--	--

MARK	DATE	DESCRIPTION
1	1/19/2022	Addendum #1

DESIGNED BY: DJH
PROJECT No.: MKIV 1802

DRAWN BY: DJH
DATE: 12/13/2021

CHECKED BY: [Signature]
REVIEWED BY: [Signature]

SCALE: AS SHOWN

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

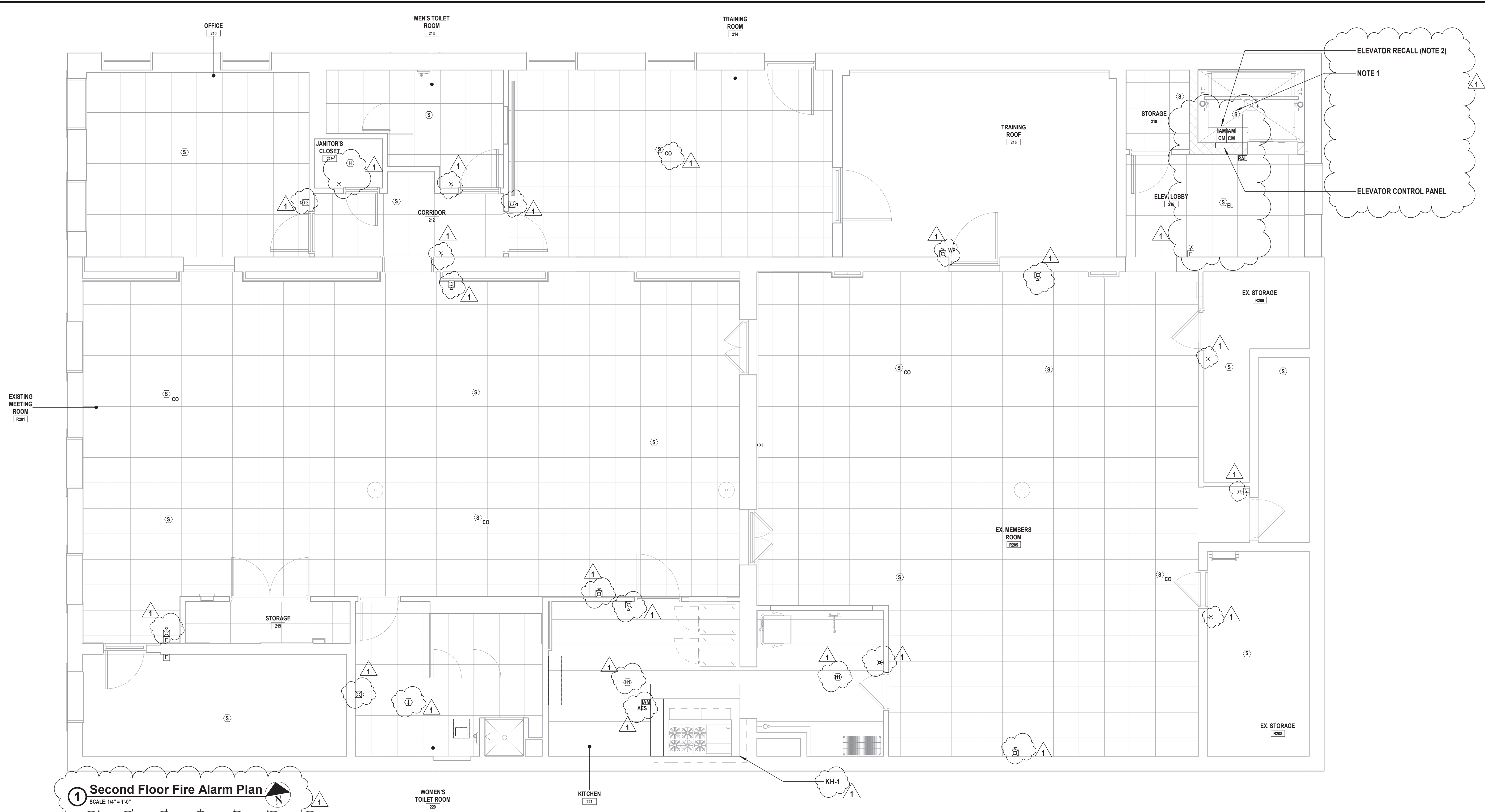
CONSTRUCTION DOCUMENTS

SHEET TITLE

FIRE ALARM PLAN FIRST FLOOR

DRAWING No.

FA 101.01

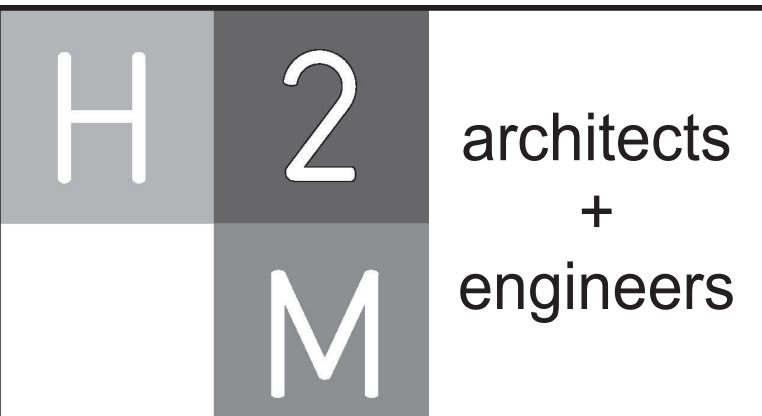


1 Second Floor Fire Alarm Plan

SCALE: 1/4" = 1'-0"

ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL PROVIDE AND INSTALL A SMOKE DETECTOR AT THE TOP OF THE ELEVATOR SHAFT. CONTRACTOR SHALL PROVIDE AND INSTALL A CEILING MOUNTED REMOTE ALARM LAMP IN CLOSE PROXIMITY OF THE ELEVATOR SHAFT DOORS ON THE SECOND FLOOR AS SHOWN TO INDICATE WHEN THE ELEVATOR SHAFT SMOKE DETECTOR IS IN ALARM. PROVIDE AND INSTALL A LABEL OF REMOTE ALARM LAMP STATING "ELEVATOR SHAFT SMOKE DETECTOR".
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW ELEVATOR RECALL RELAYS AND INTEGRATE WITH NEW FACP. REFER TO SPECIFICATION SECTION 283100 FOR ADDITIONAL INFORMATION:
 - WHEN RECALL SMOKE DETECTOR ADJACENT TO FIRST FLOOR ELEVATOR DOOR IS ACTIVATED, ELEVATOR SHALL RECALL TO THE SECOND FLOOR.
 - WHEN FIRST FLOOR RECALL SMOKE DETECTOR, ELEVATOR PIT RECALL SMOKE DETECTOR, RECALL SMOKE DETECTOR ADJACENT TO SECOND FLOOR ELEVATOR DOORS AND/OR RECALL SMOKE DETECTOR MOUNTED AT THE TOP OF THE ELEVATOR SHAFT IS ACTIVATED, ELEVATOR SHALL RECALL TO THE FIRST FLOOR.



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CONSULTANTS:

MARK	DATE	DESCRIPTION
1	1/19/2022	Addendum #1

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER."			
DESIGNED BY: DJH	DRAWN BY: DJH	CHECKED BY: 	REVIEWED BY:
PROJECT No.: MKIV 1802	DATE: 12/13/2021	SCALE: AS SHOWN	

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO
MUTUAL STATION

99 MAIN STREET, MOUNT KISCO,
NY 10549

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
**FIRE ALARM PLAN
SECOND FLOOR**

DRAWING No.
FA 102.01

[illegible]

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**VILLAGE OF MOUNT
KISCO**

CONTRACT

CONTRACT G

GENERAL CONSTRUCTION

SHEET TITLE

1

FIRE ALARM PLAN ROOF

DRAWING No. **FA 103.01**

