



architects + engineers

3 Lear Jet Lane, Ste 205  
Latham, NY 12110 | tel 518.765.5105

**ADDENDUM NUMBER ONE TO BIDDING DOCUMENTS**

**Village of Mount Kisco, Additions/Alterations to  
Mutual Fire Station and Independent Fire Co. Fire Station**

Date: January 20, 2022

Site Address: Mutual: 99 Main Street, Mount Kisco, NY 10549  
Independent: 322 Lexington Ave, Mount Kisco, NY 10549

Owner: Village of Mount Kisco  
Village Hall  
104 Main Street  
Mount Kisco, NY 10549

Architect: H2M architects + engineers  
3 Lear Jet Lane, Suite 205  
Latham, NY 12110  
Phone: 518-765-5105  
Fax: 518-765-5107

TOTAL PAGES (Including Cover Page and attachments): 61 pages

**NOTE: ALL BIDDERS MUST EMAIL TO [albanyoffice@h2m.com](mailto:albanyoffice@h2m.com) A CONFIRMATION OF RECEIPT OF THIS ADDENDUM. PLEASE PRINT COMPANY NAME, SIGN AND DATE THIS COVER PAGE AND EMAIL TO H2M architects + engineers.**

**Company Name** \_\_\_\_\_  
(Please Print)

**Sign and Date** \_\_\_\_\_

The information described herein as Addendum Number One, is hereby made addenda to all previously issued construction documents related to the Project and shall be incorporated into the Scope of the Base Bid. These pages shall be attached to the Project Manual.

**THIS ADDENDUM DOES NOT CHANGE THE BID DATE. THE BID DATE REMAINS  
FEBRUARY 8, 2022, AT 11:00 A.M.**

## **CLARIFICATIONS FOR BOTH MUTUAL AND INDEPENDENT FIRE STATIONS**

### **Item #C1 – MUTUAL & INDEPENDENT**

The Village/Town of Mount Kisco will convene a pre-bid teleconference meeting online on January 27, 2022, at 1:00 p.m. via Zoom Meeting teleconference: **Meeting ID: 886 3369 1521** by Phone #: +1-646-558-8656; or +1-888-788-0099; or by going to <https://us02web.zoom.us/j/88633691521> Bidders are encouraged to attend and listen to statements by the Architect and Owner. Attendance will be taken and shared with REV-registered plan-holders via addendum. Questions asked at the Pre-Bid Meeting will be answered via Addendum.

Reminder: Bidders are encouraged to contact Kenneth Famulare, Assistant Village Manager to schedule a walk-through of the project sites. Kenneth can be contacted by email: [kfamulare@mountkisco.ny.gov](mailto:kfamulare@mountkisco.ny.gov) or by phone: 914-346-4720

### **Item #C2 – MUTUAL & INDEPENDENT**

Drawing G1.1 "NYS Code Analysis, Notes and Legends" in both project drawing sets should be printed in color.

## **FRONT END DIVISIONS 00 AND 01 SPECIFICATIONS FOR BOTH MUTUAL AND INDEPENDENT FIRE STATION**

### **Item #S1 – MUTUAL & INDEPENDENT**

#### **Section 001000 – Project Manual Preface**

Notes to Bidders – ADD the following to Note #5:

"For both sites, any work in a state or county right of way cannot be conducted until permits for said work have been obtained. The Owner and H2M will be responsible for obtaining the permits. The Contractor will be required to comply with the terms and conditions of all permits and may be required to provide additional materials such as insurance, bonds and deposits as required by the regulatory agency."

### **Item #S2 – MUTUAL & INDEPENDENT**

#### **Section 001116 – Invitation to Bid**

In the last paragraph, change contact phone number for Kenneth Famulare to: (914) 346-4720.

### **Item #S3 – MUTUAL & INDEPENDENT**

#### **Section 004100 – Bid Form for both Independent and Mutual Stations**

Replace the existing Bid Form with new Bid Form located at the end of this Addendum.

### **Item #S4 – MUTUAL & INDEPENDENT**

#### **Section 012100 – Allowances**

Add Paragraph 1.05:

"1.05 Allowance No. 3 – Terrazzo Replacement **INDEPENDENT FIRE STATION ONLY**

- A. Include in the Contract Sum for the Independent Fire Station a sum of \$2,500.00 to cover the costs of Terrazzo installation at the front and rear overhead door existing floor repair areas. Refer to Drawing D1.1 for limited areas requiring new Terrazzo to match existing.

1. The cost (\$2,500.00) of providing this allowance shall be included in the Base Bid amount for the Independent Fire Station project. Contractor shall provide documentation in the form of sub-contractor invoices. General Contractor overhead and profit for administering this Allowance shall be included in the Base Bid. Do not proceed with this Allowance if estimated costs exceed Allowance amounts without written authorization from the Owner. Existing

- Terrazzo removal, concrete removal and concrete replacement in this limited area is part of the Base Bid.
2. Any unused amount stated in the Allowance will be credited to the Owner by means of a deduct change order."

**Item #S5 – MUTUAL & INDEPENDENT**

**Section 012300 – Alternates**

Add the following to Paragraph 3.02:

"F. Alternate #6 Independent – ADD: Replace Existing Front Overhead Door.

1. Remove and dispose of existing apparatus bay door on the front, East side of the existing station. Door is labeled R101C in Detail 1/A1.1."
2. Replace with a new rail and stile style overhead door as specified in Section 083613.11 – Sectional Overhead Doors, included as part of this Addendum. The existing rear overhead door remains unchanged.

Paragraph 3.02 B. Alternate #2 Independent, ADD "Door #R204" to the list of door numbers.

**SPECIFICATIONS FOR MUTUAL FIRE STATION**

**Item #S1 – MUTUAL**

**Section – Table of Contents**

Delete Section 262917 – Transfer Switch (Wall Mount) from the Table of Contents.

Delete Section 263214 – Natural Gas Engine Generator Systems from the Table of Contents.

**Item #S2 - MUTUAL**

**Section 085213 – Aluminum Clad Wood Window**

Paragraph 1.04 A.: Change "Impact-Resistant" to "Non-Impact Resistant".

Paragraph 2.02 B 7.: Delete sub-paragraph d. in its entirety and replace with "d. SmartSun™ with Argon".

**Item #S3 – MUTUAL**

**Section 102813 – Toilet and Miscellaneous Accessories**

Paragraph 1.02 Summary, ADD the following:

"11. Electric Hand Dryers"

Paragraph 2.02 Toilet/Shower Room Accessories, ADD the following to sub-paragraph A.:

"2. Electric Hand Dryer

- a. ThinAir® TA-ABS Surface Mounted Electric Hand Dryer, 110V/120V, ADA compliant as manufactured by Excel Dryer Inc."

**Item #S4 – MUTUAL**

**Section 233418 – Vehicle Exhaust Systems**

Paragraph 1.01 Description of Work

1. Delete paragraph B. in its entirety and replace with the following:  
"B. the system installed shall be suitable for a total of three (3) apparatus bays. Each bay shall utilize a track system that accommodates one piece of apparatus."
2. ADD new paragraph C.:  
"C. General Contractor will be responsible for the following:
  1. Openings in existing walls to allow passage of system exhaust ductwork between new and old bays.
  2. Mounting brackets and shelf to accommodate system exhaust fan. If located outside, all components shall be stainless steel. If mounted inside, all components shall be hot dip galvanized.
  3. If exhaust is sidewall mounted, provide sleeve and waterproof penetration of exterior building wall. If exhaust is through the roof, provide reinforced

4. openings in floor and roof decking, sleeve and waterproof penetration of roof insulation and roof membrane, guying of the ductwork above roof level. Conduit and wiring meeting all code requirements and vehicle exhaust system manufacturer's requirements between main electrical panel, exhaust system fan and exhaust system controller(s)."

**Item #S5 – MUTUAL**

**Section 260000 – Electrical**

Replace Paragraph 1.01 with the following:

- "1.01 SECTION INCLUDES
- A. Excavation and backfill for electrical work.
  - B. Demolition of existing electrical systems
  - C. Secondary power wiring and distribution system
  - D. Lighting, including lamps
  - E. Wiring devices
  - F. Electrical control systems and interlock wiring
  - G. Distribution panels and switches
  - H. Engine generator system and automatic transfer switch, receiving, installation, wiring and start-up."

**Item #S6 – MUTUAL**

**Section 260519 – Low-Voltage Electrical Power Conductors and Cables**

Paragraph 1.01 B.: Delete sub-paragraph 2. Instrumentation wires.

Paragraph 3.01 J. Color Coding:

- 1. In sub-paragraph 1. In the table, Change 3f to "3 Phase".
- 2. Delete sub-paragraphs 2. And 3.

**Item #S7 – MUTUAL**

**Section 260533 – Raceways and Boxes for Electrical Systems**

Paragraph 1.01 A.: In sub-paragraph 2.b. change "RGC" to "RGS".

**Item #S8 – MUTUAL**

**Section 262726 – Wiring Devices**

Paragraph 2.06 Electric Cord Reel: ADD sub-paragraph "E. Cord reel cable stopper".

**Item #S9 – MUTUAL**

**Section 262816 – Enclosed Switches and Circuit Breakers**

Paragraph 2.01 Disconnect Switches: Change Paragraph C. to read "Ratings: 240VAC".

Paragraph 2.03 Molded Case Circuit Breakers: Change Paragraph C. Enclosure 2. Change to read "Rating: NEMA 1 (for interior use) or NEMA 3R Stainless Steel (for exterior use)."

**Item #S10 – MUTUAL**

**Section 262917 – Transfer Switch (Wall Mount)**

Delete entire Section

**Item #S11 – MUTUAL**

**Section 263214 – Natural Gas Engine Generator Systems**

Delete entire Section

Automatic Transfer Switch and Generator system including remote annunciator panel will be purchased by the Owner. The General Contractor shall be responsible for:

- 1. Receiving delivery of all components
- 2. Installation including providing Korfund padding, anchor bolts and assembling any loose pieces
- 3. Gas connection to generator including regulators, shut off valves, test points and flex connections
- 4. All conduit and wiring



5. Generator grounding
6. Fire extinguishers with weatherproof enclosures
7. Generator mounted receptacles
8. Emergency shut-off name plate

**Item #S12 – MUTUAL**

**Section 283100 – Fire Detection and Alarm**

Paragraph 1.01 Section Includes: Delete sub-paragraph K. Door Hold/Release.  
 Paragraph 2.09 Duct Smoke Detectors: ADD “G. All duct smoke detectors provided on exterior shall be provided with weatherproof enclosure.  
 Paragraph 2.12 Magnetic Door Holders: Delete this paragraph in its entirety.

**SPECIFICATIONS FOR INDEPENDENT FIRE STATION**

**Item #S1 - INDEPENDENT**

**Section Table of Contents**

Add to the Table of Contents under Division 08: “Section 083613.11 – Overhead Doors – ALTERNATE”  
 Delete Section 262917 – Transfer Switch (Wall Mount) from the Table of Contents  
 Delete Section 263214 – Natural Gas Engine Generator Systems from the Table of Contents

**Item #S2 – INDEPENDENT**

**Section 042200 – Concrete Unit Masonry**

Paragraph 2.03 A.: ADD the following:  
 “12” Single Wythe Wall units are ground face ACMU.  
 ACMU Color #1: Zappala Block #308  
 ACMU Color #2: Zappala Block #137  
 ACMU from any other supplier shall match above colors. Acceptability of matching colors shall be at the sole discretion of the Architect and shall be made from physical samples in the specified finishes.

**Item #S3 – INDEPENDENT**

**Section 083613.11 – Overhead Doors – ALTERNATE**

ADD this Section to the Independent Fire Station Technical Specifications. The specification is included at the end of this Addendum. Refer to Section 012300 – Alternates modified in this Addendum for its use.

**Item #S4 – INDEPENDENT**

**Section 085213 – Aluminum Clad Wood Windows**

Paragraph 1.04 A.: Change “Impact-Resistant” to “Non-Impact Resistant”.  
 Paragraph 1.04 B., Change to read “Casement window units shall meet Performance Class CW and Grade, Non-Impact Resistant: PG 50.”  
 Paragraph 2.02 A. 7.: Delete sub-paragraph d. in its entirety and replace with “d. SmartSun™ with Argon”.  
 Paragraph 2.02 B. 4.: Delete sub-paragraph d. in its entirety and replace with “d. SmartSun™ with Argon.”.

**Item #S5 – INDEPENDENT**

**Section 087100 – Door Hardware**

Paragraph 3.01 Hardware Schedule:

1. DELETE HW Set 04
2. ADD the following:
  - a. HW Set: 16

6	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
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1	EA	STOREROOM LOCK	ND80RD SPA	626	SCH
1	EA	POWER TRANSFER	EPT-10	689	VON
2	EA	MANUAL FLUSH BOLT	FB458	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
2	EA	OVERHEAD HOLDER	900 H	630	GLY
1	SET	SEALS (Perimeter)	137 SA	AL	NGP
1	EA	ASTRAGAL	114 NA	AL	NGP
2	EA	DOOR SWEEP	C627A	AL	NGP
1	EA	THRESHOLD	8427	AL	NGP
2	EA	KICKPLATE	8400 12"	630	IVE

**Item #S6 – INDEPENDENT**

**Section 102813 – Toilet and Miscellaneous Accessories**

Paragraph 1.02 Summary, ADD the following:

"13. Electric Hand Dryers"

Paragraph 2.02 Toilet/Shower Room Accessories ADD the following to sub-paragraph A.

"3. Electric Hand Dryer

- a. ThinAir® TA-ABS Surface Mounted Electric Hand Dryer, 110V/120V, ADA compliant as manufactured by Excel Dryer Inc."

**Item #S7 – INDEPENDENT**

**Section 221006 – Plumbing Piping Specialties**

Paragraph 2.02 Drains

- C. Floor Sink (FS-1)
  - b. Change Model No. to "Z1902".
  - c. Change size from "12" x 12" x 6" deep" to "12" x 12" x 10" deep". ADD "Provide with white ABS anti-splash interior bottom dome strainer." Delete light duty grate.
  - e. ADD: "Verify in field prior to ordering sufficient room below slab for 10" deep floor sink."

**Item #S8 – INDEPENDENT**

**Section 260000 – Electrical**

Replace Paragraph 1.01 with the following:

- "1.01 SECTION INCLUDES
  - A. Excavation and backfill for electrical work.
  - B. Demolition of existing electrical systems
  - C. Secondary power wiring and distribution system
  - D. Lighting, including lamps
  - E. Wiring devices
  - F. Electrical control systems and interlock wiring
  - G. Distribution panels and switches
  - H. Engine generator system and automatic transfer switch, receiving, installation, wiring and start-up."

**Item #S9 - INDEPENDENT**

**Section 260519 – Low-Voltage Electrical Power Conductors and Cables**

Paragraph 1.01 B.: Delete sub-paragraph 2. Instrumentation wires.

Paragraph 3.01 J. Color Coding:

3. In sub-paragraph 1. In the table, Change 3f to "3 Phase".
4. Delete sub-paragraphs 2. And 3.

**Item #S10 – INDEPENDENT**

**Section 260533 – Raceways and Boxes for Electrical Systems**

Paragraph 1.01 A.: In sub-paragraph 2.b. change “RGC” to “RGS”.

**Item #S11 – INDEPENDENT**

**Section 262726 – Wiring Devices**

Paragraph 2.06 Electric Cord Reel: ADD sub-paragraph “E. Cord reel cable stopper”.

**Item #S12 – INDEPENDENT**

**Section 262816 – Enclosed Switches and Circuit Breakers**

Paragraph 2.01 Disconnect Switches: Change Paragraph C. to read “Ratings: 240VAC”.

Paragraph 2.03 Molded Case Circuit Breakers: Change Paragraph C. Enclosure 2. Change to read “Rating: NEMA 1 (for interior use) or NEMA 3R Stainless Steel (for exterior use).”

**Item #S13 – INDEPENDENT**

**Section 262917 – Transfer Switch (Wall Mount)**

Delete entire Section

**Item #S14 – INDEPENDENT**

**Section 263214 – Natural Gas Engine Generator Systems**

Delete entire Section

Automatic Transfer Switch and Generator system including remote annunciator panel will be purchased by the Owner. The General Contractor shall be responsible for:

1. Receiving delivery
2. Installation including providing Korfund padding and anchor bolts
3. Gas connection to generator including regulators, shut off valves, test points and flex connections
4. All conduit and wiring
5. Generator grounding
6. Fire extinguishers with weatherproof enclosures
7. Generator mounted receptacles
8. Emergency shut-off name plate

**Item #S15 – INDEPENDENT**

**Section 283100 – Fire Detection and Alarm**

Paragraph 1.01 Section Includes: Delete sub-paragraph K. Door Hold/Release.

Paragraph 2.09 Duct Smoke Detectors: ADD “G. All duct smoke detectors provided on exterior shall be provided with weatherproof enclosure.

Paragraph 2.12 Magnetic Door Holders: Delete this paragraph in its entirety.

## **DRAWINGS FOR MUTUAL FIRE STATION**

**Item #D1 – MUTUAL**

**Drawing CS100 – Dimensional Site Plan**

1. Refer to Plumbing for relocation of the oil water separator vent piping and gas meter.
2. Control joints for the concrete apron shall be laid out in the field and confirmed with the Owner and approved by H2M. In no case shall the distance between control joints exceed 16 feet.

**Item #D2 – MUTUAL**

**Drawing C503 – Retaining Wall Details**

For the required concrete strength, air-entrainment and sealer, please refer to the 033000 Cast-In-Place Concrete Specification Section 2.09 concrete mixture design.

**Item #D3 – MUTUAL**

**Drawing S501 – Details**

Detail 4/S501:

1. Change “Set in solid mortar filled cells” to “Set in solid grout filled cells”.
2. Change “Bearing plate solid with mortar” to “Bearing plate solid with grout”.

**Item #D4 – MUTUAL**

**Drawing D1.1 – First and Second Floor Demolition Plans**

Detail 1 – First Floor Demolition Plan

1. Room R106 – Existing Mechanical, ADD note: “Existing slab is to remain in area of existing boiler. Remove slab in area of new underground piping and installation of new grease trap”.

**Item #D5 – MUTUAL**

**Drawing A1.1 – First and Second Floor Plans**

1. Detail 1 – First Floor Plan
  - a. Room R106 – Existing Mechanical, ADD note: “Provide new concrete floor slab in area of removed floor slab. Floor slab thickness shall match existing slab thickness (4” minimum). Reinforce new slab with one layer of 6x6x6x6 WWM. Coat saw cut edges of existing slab with structural bonding agent as specified in Section 033000, Paragraph 2.07.”
  - b. In Room 118 – New Apparatus Bay, Delete “Two 4” x 48” Manufactured Steel Bollards”. See Drawing E101 for six (6) bollards required to protect the electrical panels.
2. Detail 2 – Second Floor Plan
  - a. Change the wall type of Room 219 – Storage, West wall only from Type 51 to Type 52. Dimension to face of West wall remains the same. This will allow electrical panel GP4 to recess in this wall.

**Item #D6 – MUTUAL**

**Delete the following Plumbing Drawings and replace with the revised Plumbing Drawings dated 1/17/2022, located at the end of this Addendum:**

Original Drawing No.	Title	Revised Drawing No.
PS100	Plumbing Site Plan	PS100.01
PS120	Domestic Water & Gas First Floor Plumbing Plan	PS120.01
P121	Domestic Water & Gas Second Floor Plumbing Plan	P121.01
P130	Sanitary, Vent & Storm Underslab Plumbing Plan	P130.01
P131	Sanitary, Vent & Storm First Floor Plumbing Plan	P131.01
P132	Sanitary, Vent & Storm Second Floor Plumbing Plan	P132.01

**Item #D7 – MUTUAL**

**Drawing M630 – Kitchen Schedule and Details (1 of 2)**

1. Hood Options: Delete “Backsplash 80” high x 84” Long”.
2. Section View: Delete “Backsplash 80” high x 84” Long”.

**Item #D8 – MUTUAL**

**Delete the following Electrical Drawings and replace with the revised Electrical Drawings dated 1/19/2022, located at the end of this Addendum:**

Original Drawing No.	Title	Revised Drawing No.
E001	Electrical General Notes and Legends	E001.01
ES100	Electrical Site Plan	ES100.01
ED111	Electrical Demolition Plan First Floor	ED111.01
ED112	Electrical Demolition Plan Second Floor	ED112.01
ED113	Electrical Demolition Plan Roof	ED113.01
E101	Electrical Power Plan First Floor	E101.01
E102	Electrical Power Plan Second Floor	E102.01
E111	Electrical HVAC Power Plan First Floor	E111.01
E112	Electrical HVAC Power Plan Second Floor	E112.01
E113	Electrical HVAC Power Plan Roof	E113.01
E121	Electrical Lighting Plan First Floor	E121.01
E122	Electrical Lighting Plan Second Floor	E122.01
E140	Electrical Generator Plan	E140.01
E500	Electrical Details	E500.01
Add new drawing	Electrical Details	E501.01
E540	Electrical Generator Details	E540.01
E600	Electrical Schedules	E600.01
E601	Electrical Panel Schedules	E601.01
E610	Electrical Single Line Diagram	E610.01
FA001	Fire Alarm Legends & Riser Diagrams	FA001.01
FA101	Fire Alarm Plan First Floor	FA101.01
FA102	Fire Alarm Plan Second Floor	FA102.01
FA103	Fire Alarm Plan Roof	FA103.01

**DRAWINGS FOR INDEPENDENT FIRE STATION**

**Item #D1 – INDEPENDENT**

**Drawing CD100 – Demolition and Erosion and Sediment Control Plan**

1. Refer to Plumbing for information on revised propane tank and vent location.
2. Refer to plumbing for location of leader for roof drain front of building.

**Item #D2 – INDEPENDENT**

**Drawing C501 – Site Details**

Detail 4

1. The dowels for tying in the existing concrete apron shall be revised as follows:  
 "Provide #4 Dowel 12" LG at 16" o.c. embedded into adjacent concrete using Hilti HIT-HY 200 adhesive (Type both sides)."

**Item #D3 – INDEPENDENT**

**Drawing CS100 – Dimensional Site Plan**

Refer to Plumbing for information on revised propane tank and vent location.

**Item #D4 – INDEPENDENT**

**Drawing S121 – Second Floor Framing and Roof Plan**

1. Replace Lintel Schedule with revised Lintel schedule located at the end of this Addendum.
2. Detail 1/S121
  - a. At Door #111, the 4' – 0" M.O. change to 6' – 4" M.O. and change from a LL-1 to a LL-4.

- b. At Door #120, change from a LL-1 to a LL-4.

**Item #D5 – INDEPENDENT**

**Drawing D1.1 – First Floor, Second Floor and Roof Demolition Plans**

Detail 1/D1.1

1. Change the two “D23” Keynotes to be Keynote “D34”.
2. Change the one “D34” Keynote to be Keynote “D23”.
3. Keynote “D12”: Delete description and replace with: “Contractor shall remove existing door, door frame and hardware. Prepare opening for new door, frame and hardware as shown on Plans. See Door Schedule”. Note Door Schedule revised in this Addendum.
4. Keynote “D37”: Change to read “Finish Concrete 1/2” below top of Terrazzo and top of Finish Concrete apron. Provide new Terrazzo to match existing, see Drawing A1.1.” See Allowances revision in this Addendum for Terrazzo only costs.

Detail 2/D1.1

1. Eliminate the “D10” Keynote on the double doors between Room R202 and Room R201.

**Item #D6 – INDEPENDENT**

**Drawing A1.1 – First and Second Floor Plans**

Detail 1/A1.1 – New First Floor Plan

1. In Room 117 – Unisex Bathroom change the Wall Type 51B on the South side of the room to a Type 52B wall. This will provide space for the 4” roof drainpipe in the Southeast corner of the room to run concealed in the 6” cavity.
2. Door 101: Change door swing to RHR.
3. Door 101A: Change door swing to LHR
4. Door 111: Change from a single 3’ – 8” wide to a pair of 3’ – 0” wide doors. See Hardware schedule for changes. Edge of door opening remains at 2’ – 8” from corner.
5. In Room R101 – Existing Apparatus Bay: ADD Keynote #30 just inside Overhead Doors R101B and R101C.
6. Plan Keynotes: ADD the following Keynote:
  - a. 30: New concrete infill coordinate with Demolition Plan Keynote D37. Provide new Terrazzo topping with metal screen dividers to match existing Terrazzo. See Allowance #3 to cover the cost of providing all material and work of the Terrazzo installation.

Detail 2/A1.1 – New Second Floor Plan

1. In Room 223-Conference Room, change the Wall Type 50D in the Southeast corner of the room to Type 52B wall. The 52B wall will only run to encase the 4” roof drain piping.

**Item #D7 – INDEPENDENT**

**Drawing A1.3 – Roof Plan and Details**

Detail 8/A1.3 – Alternate Roof Detail Plan

1. If Alternate is accepted provide tapered roof insulation on top of 7” roof insulation. Tapered insulation shall extend from Column Line A (high point) to Column Line C (low point) over the area of the Alternate 18LH02 Level Roof Joists. Tapered insulation shall match the taper of the roof insulation on top of the pitched 12K5 Roof Joists.
2. Provide 20 gauge, galvanized, tapered “Z” shaped closure plate between the level 18LH02 Roof Joists and the pitched 12K5 Roof Joists.

**Item #D8 – INDEPENDENT**

**Drawing A2.1 – Building Elevations**

Detail 1/A2.1 – North Elevations:

1. Change the far-right man door (Door #111) from a single 3’ – 8” door to a double door with two (2) 3’ – 0” doors.

Detail 2/A2.1 – East Elevation:

1. “Existing Overhead Door to Remain”, ADD the following: “Base Bid – See Alternate #6 for Overhead Door Replacement”.

Detail 7/A2.1 – Partial North Elevation – ALTERNATE

1. Change the far-right man door (Door #111) from a single 3' – 8" door to a double door with two (2) 3' – 0" doors.

**Item #D9 – INDEPENDENT**

**Drawing A7.1 – Door Schedule and Details**

Door Schedule:

1. Door 101B: Change Frame Type from "Exist." to "FA4". Change comments to read "New door frame and hardware – Verify size in field."
2. Door 111: Change width from 3' – 8" to (2) 3' – 0", change hardware type from 04 to 16.
3. Door 113: Change Frame Type from "Exist." to "FA4". Change comments to read "New door, frame and hardware – Verify size in field."

**Item #D10 – INDEPENDENT**

**Drawing A8.1 – Window Schedule, Elevations and Details**

Window Elevations:

1. W6 Window: Change vertical muntins in fixed picture window to match transom muntins above.

**Item #D11 – INDEPENDENT**

**Drawing A9.1 – Finish Schedule and Details**

Finish Room Schedule:

1. Room #R204 under "Base" ADD "Rubber", under Comments, ADD "Replace and repaint GWB walls at baseboard radiator removals and window replacement" as noted in Keynote #14 on Drawing A1.1.
2. General Note: In all existing rooms at existing window replacements, paint existing wall and head returns not being covered by new plastic laminate trim. Repair and repaint any other areas damaged or disturbed during window replacements.

**Item #D12 – INDEPENDENT**

**Drawing E001 – Electrical General Notes and Legends**

Communication Legend

1. ADD the following Note: "Work described in this Legend to be performed by General Contractor, shall be included in ALTERNATE #3."

**Item #D13 – INDEPENDENT**

**Drawing ED-112 – Electrical HVAC Power Plan Second Floor**

Room R204 – Existing Office: ADD "Demolition Keynote D3 and D4".

Existing Stair B: ADD "Demolition Keynote D3 and D4".

**Item #D14 – INDEPENDENT**

**Drawing E101 – Electrical Power First Floor**

1. At Door 101, move card reader to latch side of door. Door swing has changed.
2. At Door 111, move card reader to West side of door. Door is now a double door.
3. ADD/ALTERNATE Notes:
  - a. "A1. Change ALTERNATE 01 to ALTERNATE 03 for Independent."
    - i. ADD: Note A1 should appear next to each camera location.
  - b. "A2. In addition to appearing at Door 111, ADD this note at Doors 101, 106, 120, 204 and other door locations with a card reader shown."
4. Room 112 Ready Room:
  - a. ADD on the South wall (high), a duplex receptacle and TV jack coordinate location with Owner.
  - b. ADD a data outlet (Triangle D) next to duplex outlets on South, West and North walls.
  - c. ADD a telephone outlet (Triangle T) to the left of Door 112.
5. Detail 2/E101 – Enlarged Electrical Room Power Plan



- a. 600A/3P Enclosed Circuit Breaker "Generator Disconnect": Delete "(Note GE1)". This breaker to be provided by the General Contractor.

**Item #D15 – INDEPENDENT**

**Drawing E102 Electrical Power Plan Second Floor**

1. Room R201 – Existing Member's Dining:
  - a. Add a ceiling mounted junction box with power from GP4-2. Junction box is for Owner provided motorized screen.
2. Room R204 – Existing Office:
  - a. ADD a card reader to the strike side of the door, Stair B side.
  - b. "Quad Receptacles for future server rack (Note A2)": Delete Note A2. Install receptacles as part of Base Bid, coordinate location and mounting height with Owner.
3. Room 216 – Elevator:
  - a. ADD a telephone outlet near the elevator disconnect. Coordinate exact location with elevator supplier.
4. Room 218 – Office Suite:
  - a. ADD on the South wall (high) duplex receptacle (GP4-1) and TV jack coordinate final location with Owner.
5. Room 223 – Conference Room:
  - a. ADD on the South wall (high) duplex receptacle (GP4-8), TV jack and data outlet.
  - b. ADD a data outlet next to each duplex receptacle on the East and West walls.
  - c. ADD a telephone outlet next to the duplex receptacle on the West wall.

**Item #D16 – INDEPENDENT**

**Drawing E121 – Electrical Lighting Plan First Floor**

1. At Door 101, move new light switches to East side of door.
2. At Door 111, move new light switch to West side of door.

**Item #D17 - INDEPENDENT**

**Delete the following Electrical Drawings and replace with the revised Electrical Drawings dated 1/19/2022, located at the end of this Addendum:**

Original Drawing No.	Title	Revised Drawing No.
E140	Electrical Generator Plan	E140.01
E540	Electrical Generator Details	E540.01
E610	Electrical Single Line Diagram	E610.01

**Item #D18 – INDEPENDENT**

**Drawing E601 – Electrical Panel Schedules**

Panel MDP: Change Circuit #35, 37 and 39 from "Space" to "Surge Protection 30A/3P".

**Item #D19 – INDEPENDENT**

**Drawing FA101 – Fire Alarm First Floor Plan**

Room R101, Existing Apparatus Bay:

1. On the North wall, provide a CM, new fan shutdown control module (Notes 4,5) for the existing exhaust fan, see Drawing ED111 for fan location.
2. At the Elevator Smoke Detector, change "Note 1" to read "Note 1 & 2".
3. Electrical Key Notes, ADD the following:
  - a. "Contractor shall provide and install new fan shutdown control modules, all associated relays, wiring and conduit and integrate it with all HVAC equipment and new Fire Alarm Control Panel.
  - b. 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.

- c. 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."

**Item #D20 – INDEPENDENT**

**Drawing FA102 – Fire Alarm Second Floor Plan**

- 1. At the Elevator Smoke Detector change "Note 1" to read "Note 1 & 2".
- 2. Electrical Key Notes: ADD the following:
  - a. "Install new elevator recall relays and integrate with new FACP. Refer to Specification Section 283100 for additional information.
  - b. 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."

**End of Addendum #1  
See following attachments:**

- 1. Specification Section 004100 – Revised Bid Form for both Mutual and Independent Fire Stations
- 2. Specification Section 083613.11 – Overhead Doors – ALTERNATE for Independent Fire Station
- 3. Independent Fire Station – Lintel Schedule
- 4. Drawing PS100.01 – Plumbing Site Plan – Mutual Fire Station
- 5. Drawing P120.01 – Domestic Water and Gas First Floor Plumbing Plan – Mutual Fire Station
- 6. Drawing P121.01 – Domestic Water and Gas Second Floor Plumbing Plan – Mutual Fire Station
- 7. Drawing P130.01 – Sanitary, Vent & Storm Underslab Plumbing Plan – Mutual Fire Station
- 8. Drawing P131.01 – Sanitary, Vent & Storm First Floor Plumbing Plan – Mutual Fire Station
- 9. Drawing P132.01 – Sanitary, Vent & Storm Second Floor Plumbing Plan – Mutual Fire Station
- 10. Drawing E001.01 – Electrical General Notes & Legends – Mutual Fire Station
- 11. Drawing ES100.01 – Electrical Site Plan – Mutual Fire Station
- 12. Drawing ED111.01 – Electrical Demolition Plan First Floor – Mutual Fire Station
- 13. Drawing ED112.01 – Electrical Demolition Plan Second Floor – Mutual Fire Station
- 14. Drawing ED113.01 – Electrical Demolition Plan Roof – Mutual Fire Station
- 15. Drawing E101.01 – Electrical Power Plan First Floor – Mutual Fire Station
- 16. Drawing E102.01 – Electrical Power Plan Second Floor – Mutual Fire Station
- 17. Drawing E111.01 – Electrical HVAC Power Plan First Floor – Mutual Fire Station
- 18. Drawing E112.01 – Electrical HVAC Power Plan Second Floor – Mutual Fire Station
- 19. Drawing E113.01 – Electrical HVAC Power Plan Roof – Mutual Fire Station
- 20. Drawing E121.01 – Electrical Lighting Plan First Floor – Mutual Fire Station
- 21. Drawing E122.01 – Electrical Lighting Plan Second Floor – Mutual Fire Station
- 22. Drawing E140.01 – Electrical Generator Plan – Mutual Fire Station
- 23. Drawing E500.01 – Electrical Details – Mutual Fire Station
- 24. Drawing E501.01 – Electrical Details – Mutual Fire Station
- 25. Drawing E540.01 – Electrical Generator Details – Mutual Fire Station
- 26. Drawing E600.01 – Electrical Schedules – Mutual Fire Station
- 27. Drawing E601.01 – Electrical Panel Schedules – Mutual Fire Station
- 28. Drawing E610.01 – Electrical Single Line Diagram – Mutual Fire Station
- 29. Drawing FA001.01 – Fire Alarm Legends and Riser Diagrams – Mutual Fire Station

- 30.** Drawing FA101.01 – Fire Alarm Plan First Floor – Mutual Fire Station
- 31.** Drawing FA102.01 – Fire Alarm Second Floor – Mutual Fire Station
- 32.** Drawing FA103.01 – Fire Alarm Plan Roof – Mutual Fire Station
- 33.** Drawing E140.01 – Electrical Generator Plan – Independent Fire Station
- 34.** Drawing E540.01 – Electrical Generator Details – Independent Fire Station
- 35.** Drawing E610.01 – Electrical Single Line Diagram – Independent Fire Station

PROJECT: Village of Mount Kisco - Additions/Alterations – Mutual & Independent Fire Stations

BID MADE TO: Village of Mount Kisco  
Village Hall  
104 Main Street  
Mount Kisco, NY 10549

ARCHITECT: H2M architects + engineers

BIDDER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

The undersigned Bidder, having familiarized (himself, themselves, itself) with the existing conditions at both project areas affecting the cost of the work, and the Contract Documents as prepared by H2M architects + engineers and Form of Surety Bonds, hereby propose to perform the work of the Village of Mount Kisco - Additions/Alterations – Mutual & Independent Fire Stations. all in accordance with the Contract Documents, within the Contract Time, for the following lump sum bid:

**Mutual Fire Station: TOTAL BID (Written Words)**

\_\_\_\_\_  
\_\_\_\_\_

\$ \_\_\_\_\_ **DOLLARS** \_\_\_\_\_ **CENTS**  
(Type or Handwritten in Blue or Black Ink)

**Independent Fire Station: TOTAL BID (Written Words)**

\_\_\_\_\_  
\_\_\_\_\_

\$ \_\_\_\_\_ **DOLLARS** \_\_\_\_\_ **CENTS**  
(Type or Handwritten in Blue or Black Ink)

**Combined Total Bid for Both Stations: (Written Words)**

\_\_\_\_\_  
\_\_\_\_\_

\$ \_\_\_\_\_ **DOLLARS** \_\_\_\_\_ **CENTS**  
(Type or Handwritten in Blue or Black Ink)

**The undersigned bidder acknowledges the project schedule as detailed in Attachment “D” to AIA 101.**

**CONTRACTOR TAKE NOTE**

**ALL DOLLAR AMOUNTS FOR ALTERNATES AND UNIT PRICES MUST BE FILLED IN TO CONSTITUTE A VALID BID.**

**ALTERNATES AND UNIT PRICES**

**Refer to Specification Section 012300 – Alternates and Section 012200 – Unit Pricing, for a detailed description of the work involved in each Alternate and Unit Pricing.**

**Please note: Alternates are project specific, and the Unit Prices listed shall apply to both projects.**

**Mutual Fire Station Alternate #1: (ADD) Substitute Glazed Concrete Block for Painted Gray Block in New Apparatus Bay**

**Lump Sum Cost for Mutual Alternate #1**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Mutual Fire Station Alternate #2: (ADD) Door Access Control Infrastructure**

**Lump Sum Cost for Mutual Alternate #2**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Mutual Fire Station Alternate #3: (ADD) WIFI and Technology Upgrades**

**Lump Sum Cost for Mutual Alternate #3**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Mutual Fire Station Alternate #4: (ADD) Engraved Precast Medallion****Lump Sum Cost for Mutual Alternate #4**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Mutual Fire Station Alternate #5: (ADD) Maintenance Bond****Lump Sum Cost for Mutual Alternate #5**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Mutual Fire Station Alternate #6: (DELETE) New Retaining Wall, Two Parking Spaces, and Associated Work****Lump Sum Cost for Mutual Alternate #6**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

\*\*\*\*\*

**Independent Fire Station Alternate #1: (ADD) Additional Second Floor Addition****Lump Sum Cost for Independent Alternate #1**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Independent Fire Station Alternate #2: (ADD) Door Access Control Infrastructure****Lump Sum Cost for Independent Alternate #2**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Independent Fire Station Alternate #3: (ADD) WIFI and Technology Upgrades****Lump Sum Cost for Independent Alternate #3**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Independent Fire Station Alternate #4: (ADD) Replace Aluminum Front Entrance and Door****Lump Sum Cost for Independent Alternate #4**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Independent Fire Station Alternate #5: (ADD) Maintenance Bond****Lump Sum Cost for Mutual Alternate #5**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS

**Independent Fire Station Alternate #6: (ADD) Replace Existing Front Overhead Door****Lump Sum Cost for Mutual Alternate #6**

Numerals: \$ \_\_\_\_\_

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS



**Supply unit prices for the following (prices are applicable to either project):**

1. Removal of Existing Uncontrolled Fill Material.  
**Unit Price #1**

Numerals: \$ \_\_\_\_\_/cy

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS/cy

2. Placement of Controlled Fill.  
**Unit Price # 2**

Numerals: \$ \_\_\_\_\_/cy

Written Words:

\_\_\_\_\_ DOLLARS \_\_\_\_\_ CENTS/cy

**ALLOWANCES**

Refer to Specification Section 012100 – Allowances, for quantities and/or dollar amounts that are **included within the Base Bid** for each project.

**NOTES**

1. If written Notice of Award is mailed, telegraphed or faxed delivered to the undersigned Bidder after the bid opening but before his bid is forty-five (45) days old, the undersigned agrees to execute and deliver an Agreement in the prescribed form and furnish the required bonds within fourteen (14) days after such Notice of Award.
2. Security in the sum of \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_) in the form of \_\_\_\_\_ is submitted herewith in accordance with the Instructions to Bidders.
3. The Bidder has received:  
Addenda numbers \_\_\_\_\_ to \_\_\_\_\_, inclusive, and has included the effect thereof in his bid.  
No addendum \_\_\_\_\_ (check, if appropriate).
4. Alternates, Allowances and Unit Prices - For work to be added to or deleted from the Contract. The summary shall be filled in by the Bidder, with the price written in words and numerals, in blue or black ink or by typewriter. Should a discrepancy in prices appear between the written words and numeric figures, the written words shall take precedence. State the amounts to be added to or deleted from the Base Bid per the indicated units for each listed item.
  - A. **Allowances shall be incorporated into the Bidder's base bid for each project.**
  - B. Alternates shall either be adds or deducts to the Bidder's base bid and shall be clearly shown in the bid form.

- C. Unit prices shall be shown in the bid form. Unit prices are only for additional work due to field conditions and are not part of the base bid. Stated unit prices apply to both projects.
5. The Bidder accepts the provisions of the Draft Contract, General Conditions, Specifications and Contract Documents concerning delay damages in the event of failure to complete the work on time.
6. Bidders represent that their bid is in compliance with laws of New York State.
7. Bidders are aware and have bid accordingly: The Village of Mount Kisco is a tax-exempt entity. The Village of Mount Kisco has waived all fees and cost of permits for this project. (State and county fees, if any, are in effect.).
8. It is the intent the Village of Mount Kisco will award and proceed with both fire station projects. If project costs exceed the Village of Mount Kisco's project budget., the Village reserves the right to proceed with only one of the projects.
9. Due to the ongoing COVID-19 pandemic and the resulting uncertainty with regard to (a) what restrictions, if any, will be applicable to construction activities in the Owner's facilities due to State, Federal or Local orders, laws, regulations or rules related to the COVID-19 pandemic (including but not limited to social distancing, cleaning and disinfection requirements) and (b) the duration of any restrictions imposed on constructions activities, the Owner may modify the construction schedule set forth in the Contract/Bid Documents. Similarly, restrictions, if any, that will be applicable to construction activities in the Owner's facilities due to State, Federal or Local orders, laws regulations or rules related to the COVID-19 pandemic (including but not limited to social distancing, cleaning and disinfection requirements) may cause the Owner to have the construction work commence later than the date specified in the Contract/bid documents. By submitting a bid, the Bidder acknowledges and agrees that there shall be no additional compensation paid for schedule modifications caused directly or indirectly by the COVID-19 pandemic. The Bidder further acknowledges and agrees that the sole remedy for any schedule modifications or delays caused directly or indirectly by the COVID-19 pandemic shall be an extension of time, if warranted. The Bidder further acknowledges and agrees that it shall have on file and provide a copy to the Owner of its written COVID-19 Business Reopening Plan, and it shall comply in all respects with such plan for the duration of the project. The Bidder and not the Owner shall be responsible for compliance with its written COVID-19 Business Reopening Plan and all safety requirements associated with COVID-19 protections for workers and the general public.

**SIGNATURES**

Bidder: \_\_\_\_\_

☐ a corporation organized and existing under the laws of the State of \_\_\_\_\_☐ a partnership, consisting of \_\_\_\_\_☐ an individual conducting business as \_\_\_\_\_

The location of whose principal office is: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

By \_\_\_\_\_

Signature and Title

Print/Type Name: \_\_\_\_\_

State of: \_\_\_\_\_

County of: \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Notary Public: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

(CORPORATE SEAL)

Date \_\_\_\_\_, 20\_\_\_\_

**STATEMENT OF NON-COLLUSION IN BIDS & PROPOSALS**

"By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

- I. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
- II. Unless otherwise required by law, the prices, which have been quoted in this bid, have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor.
- III. No attempt has been made or will be made to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition."

**CERTIFIED COPY OF RESOLUTION OF BOARD OF DIRECTORS**

(Must be submitted if BIDDER is a Corporation)

\_\_\_\_\_, (Name of Corporation)

RESOLVED that \_\_\_\_\_ (Person Authorized to Sign)

\_\_\_\_\_, (Title) to \_\_\_\_\_

be authorized to sign and submit the Bid of this Corporation for the following Project:

\_\_\_\_\_

and to include in such bid the certificate as to non-collusion, and for any inaccuracies or misstatements in such certificate this corporate Bidder shall be liable under the penalties of perjury.

The foregoing is a true and correct copy of the resolution adopted

by \_\_\_\_\_ (Name of Corporation)

at a meeting of its Board of Directors held on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

BY: \_\_\_\_\_  
(Signature)

**(SEAL)**

\_\_\_\_\_  
(Typed Name)

TITLE: \_\_\_\_\_

END OF BID FORM

## PART 1 GENERAL

## 1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Agreement, including General Conditions Division 01 of the Project Manual, apply to work of this Section.
- B. Section 012300 - Alternates
- C. Section 024119 - Selective Demolition
- D. Division 26 - Electric.

## 1.02 SCOPE

- A. Furnish labor and materials necessary to install a complete system.
- B. Remove and dispose of existing overhead door in its entirety including motor and controls at time of installation of new overhead door.
- C. Furnish and install new commercial sectional rail and stile overhead door, operators, controls, safeties and wiring from individual door operator to door motor and door safeties.
- D. Provide wiring and controls from new door to the Radio Room.

## 1.03 STANDARDS

- A. All work of this section shall conform to industry standards and/or manufacturer's recommendations.
- B. ASTM A924 "Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process".
- C. ASTM A653 "Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process".
- D. ANSI/DASMA 102 – "American National Standard Specifications for Sectional Overhead Type Doors".
- E. ANSI/DASMA 105 – "Test Method for Thermal Transmittance and Air Filtration of Garage Doors".

## 1.04 SUBMITTALS

- A. Pursuant to Section 013300 – Submittal Procedures.
- B. Pursuant to Section 016000 – Product Requirements.
- C. Product Data: Submit product literature specific to the model being submitted, installation, operating and maintenance instructions.
- D. Shop Drawings: Submit shop drawings which show compliance with specified qualities and the way sectional overhead doors fit in with and are fastened to rest of the Work including interface with power systems. Provide shop drawings indicating track details, head and jamb conditions, spring shafts, anchorage, accessories, operator mounts, remote operator specifications and

other related information. Shop drawings shall identify existing dimensions of opening, clearances to structure and any other obstruction.

- E. Samples: Submit three (3) color cards of all available colors for initial color selection by the Architect. Submit three (3) physical samples (approximately 4" x 4") in the color(s) and finish selected by the Architect for final color approval.
- F. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
- G. Warranty: Submit sample warranty for door section and hardware, insulation delamination, operator and finish.
- H. Door Installer: Submit qualifications of door installer indicating the door installer meets the following requirements:
  - 1. Authorized Distributor/Installer.
  - 2. Years of experience.
  - 3. Emergency Service.
  - 4. Travel time to project.

#### 1.05 QUALITY ASSURANCE

- A. Experienced workers familiar with the work and according to manufacturer's recommendations and/or industry standards shall perform all work of this section.
- B. Door Installer must be an authorized distributor of the manufacturer of the doors and openers with a minimum of five (5) years documented experience, to be assured of accessibility to parts, updated product changes, recalls and warranty claims. Door installer must offer 24/7 emergency service and be located within 60 miles of the project.
- C. Operator manufacturer must be the same manufacturer as door manufacturer to eliminate any questions or problems with warranty claims.

#### 1.06 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Pursuant to manufacturers published instructions.
- B. Protect against moisture exposure and damage.

#### 1.07 WARRANTY

- A. AlumaView® Limited Warranty: Raynor warrants the door sections against defects in material and workmanship for five years from date of delivery to the original purchaser. Window components are warranted against defects in material and workmanship for three years from date of delivery to the original purchaser. Raynor warrants all hardware and spring components against defects in material and workmanship for one year (or cycle life of the springs) from date of delivery to the original purchaser. Additional Limited Warranty requirements in accordance with manufacturer's full standard limited warranty documentation. AlumaView® Limited Warranty: Raynor warrants the door sections against defects in material and workmanship for five years from date of delivery to the original purchaser. Window components are warranted against defects in material and workmanship for three years from date of delivery to the original purchaser. Raynor warrants all hardware and spring components against defects in material and workmanship for one year (or cycle life of the springs) from date of delivery to the original purchaser. Raynor warrants Armorbrite powdercoat finish for three years against cracking and/or peeling. Additional Limited Warranty requirements in accordance with manufacturer's full standard limited warranty documentation.

## PART 2 PRODUCTS

## 2.01 RAIL &amp; STILE OVERHEAD DOORS

- A. Door shall be aluminum sectional rail and stile door type with glazing and insulated panels. Bottom panel row shall be insulated panels. All other rows shall be glazing. Rail and stile doors as manufactured by:
1. AlumaView® AV 300 as manufactured by Raynor Garage Doors, PO Box 448, 1101 East River Rd., Dixon, IL 61021, Phone 800-472-9667. (Basis of Design and Specification)
  2. Architect Approved Equivalent 3" thick door with capability to accommodate 1" thick insulated glazing.
- B. Material: Sections shall be 3 inches thick or manufacturer's standard as long as trussing is internal, comprised of 6036-T6 aluminum alloy stiles and rails joined together with 5/16-inch diameter screws. Insulated aluminum sandwich panels ½ inch thick shall fill the spaces between the stiles and rails and held in place by vinyl snap-in beads where glazing is not located. The combined dimension of the two adjoining intermediate meeting rails shall be 5 inches. End stiles shall be 6-1/2 inches wide as determined by overall door width. Center stiles shall be 3-5/8 inches wide. Bottom and top rail height to be 6-1/2 inches. U-Bar trussing must be built into the rails. **Surface mounted trussing is not acceptable.**
- C. Color:
1. All frame extrusions and filler panels shall be finish coated with ArmorBrite Powdercoat. Color as selected by Architect from full range of ArmorBrite colors.
- D. Weatherstripping:
1. Door to be fully weather-stripped to reduce air infiltration. Top of door with EPDM rubber sealing strips.
  2. Bottom of door to have flexible U shaped black ribbed EPDM seal encased in extruded aluminum retainer to conform to irregularities in floor. Bottom seal must be encased in aluminum retainer, not screwed into bottom section. Jamb seal to be EPDM rubber blade type attached to track angle mounting with snap on PVC retainer.
  3. Weather-stripping to be replaceable without removal of track, angle mounting, or door hardware.
  4. Air Infiltration at 25 MPH: 0.24 cfm/sq ft.
  5. Provide optional IECC Compliance Package.
- E. Tracks:
1. Hot dip galvanized 13-gauge track per ASTM A-653, 3". Tracks to have graduated seal for weathertight closing.
  2. There is limited headroom, coordinate track profiles and heights with available headroom.
  3. Tracks to be continuous angle mounted and fully adjustable for sealing door to jamb. Continuous angle mount to be not less than 11-gauge steel angle, 2-5/16" x 5" for 3-inch track. Horizontal track to be adequately reinforced with continuous angle.
  4. Hanger Angle: Minimum 11-gauge.
- F. Track Stops:
1. Provide manufacturers standard stop at the end of the overhead door track.
- G. Hardware:
1. Provide full, heavy duty (11gauge) hinges and brackets made from galvanized steel.
  2. Provide 3" diameter, heavy duty track rollers with ten (10) hardened steel ball bearings.
- H. Spring Counterbalance:



1. Heavy Duty oil tempered wire torsion springs on continuous ball bearing cross header shaft. Galvanized aircraft type lifting cables w/minimum safety factor of 5 to 1. 50,000 Cycle springs for extended spring life.
- I. Windload:
1. Wind load to withstand 20 lb. per sq. ft. Deflection of door in horizontal position to be a maximum 1/120th of door width.
- J. Glazing:
1. 1" Insulated Guardian SunGuard Glass with low E, tempered and tinted light gray.
    - a. SunGuard Coating: Neutral 40 (#2)
    - b. SunGuard Product Series: High Performance Low-E
    - c. Outboard Substrate: Crystal Gray
    - d. Inboard Substrate: Clear
    - e. Exterior Appearance: Light Gray
  2. Configuration of Lites as listed above.
- K. Electric Operators:
1. Operator shall be Raynor Control Hoist Optima, 1/2 HP, 115V single-phase garage door operators, industrial duty, belt-drive, jackshaft or jackshaft with trolley operator (as required based on available headroom), auxiliary contact type-SR-2 wiring-pneumatic safety edge, reversing equipment with hoist.
  2. Motor; provide continuous duty motor. Motor shall be separate from reduction mechanism for ease of maintenance.
  3. Reduction: Furnish V-belt drive from motor to full ball bearing power train with additional reduction by chain and sprockets. All power train shafts shall be a minimum 3/4" diameter.
  4. Roller Chain Drive - door shall be driven by roller chain at 6" to 12" per second.
  5. Adjustable Friction Clutch shall be provided to protect door and operator if door movement is obstructed.
  6. Starter - Reversing Contactor type (Type RGJH). Furnish heavy duty across the line reversing type with mechanical interlock.
  7. Limit switches - provide positive chain drive screw type limit switch, enclosed in electrical control box, easily accessible for precision setting. Limit switches will remain in time when emergency chain hoist is used, and door is operated manually.
  8. Provide auxiliary output module with the capability to integrate with other devices including:
    - a. Dry relay contacts at door limit positions.
    - b. Lamp output contacts.
    - c. Selectable ADA outputs to sound a horn or run a flashing light.
    - d. Multiple relay contact points.
  9. Provide Model #022150 Pushbuttons - Surface mounted for each overhead door.
- L. Control Wiring:
1. Provide long distance module. Control wiring shall be 24 volts for safety.
  2. Three button (open-close-stop) to be installed at each door. Provide SR2 Three button momentary contact on open-close-stop. Open override feature. Open button, pneumatic safety edge, or photoelectric will reverse door to open position when door is closing. Doors to be equipped with pneumatic safety edge for protection against damage to door on contact of object.
  3. Provide heavy duty through-beam car wash (NEMA 4X rated) photoelectric reversing system for each door to reverse door's downward path if visible beam is broken. Photo-eye to utilize interference reduction technology.
  4. Provide and install individual Model #022150 Pushbuttons - Surface Mounted in the Radio Room for each overhead door.. Long Distance Module to ensure proper voltage for multiple push button stations.

5. Overload Protection - Provide manual reset for over load protection. All electrical components shall be in NEMA 1 enclosure. Horsepower of Motor to be of manufacturers standards based on the size and weight of the door.
  6. Emergency operation - Supply a chain hoist that may be engaged from the floor for mechanical operation. An electric interlock disconnects power when a chain hoist is engaged.
  7. Magnetic Brake – furnish magnetic solenoid brake for positive stop.
- M. Receivers and Transmitters:
1. Provide individual receivers to operate overhead door.
  2. Provide four channel, four button transmitters to operate overhead door. Provide a total of three (3) transmitters.

### PART 3 EXECUTION

#### 3.01 EXAMINATION AND PREPARATION

- A. Examine existing conditions in Work before ordering doors. In the Record Documents, list unsatisfactory conditions and steps taken to correct them.
- B. Correct unsatisfactory conditions before installing doors. Beginning installation shall mean acceptance of related work and corrected existing conditions by installer and Contractor.

#### 3.02 INSTALLATION

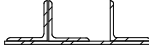


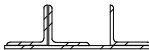
- A. General: Install door, track and operating equipment complete with all necessary accessories and hardware according to shop drawings and manufacturer's instructions.
- B. Coordinate with Electrical Sub-Contractor to connect door controls and operating devices to other building systems such as power systems.
- C. Select, identify, and locate controls so that safety of users and protection of property and vehicles is ensured.
- D. Provide inserts, anchors, hangers, brackets, moldings, seal strips, and welding as needed to make door assembly secure against air pressure, operating loads and intrusion, and so that air infiltration is held to minimum. Conceal bolt heads so that access cannot be made from outside.
- E. Securely brace door tracks suspended from structure. Secure tracks to structural members only.
- F. Completely remove from all components bar codes, visible markings and shipping labels. Clean away all residues from tags and stickers. Clean installed products in accordance with manufacturer's instructions prior to substantial completion.
- G. Lubricate bearings, rollers and sliding parts in accordance with manufacturer's recommendations.
- H. When door assembly is complete and hooked up to other systems test and adjust doors until they operate easily and quietly, maintaining airtightness and water tightness, under all conditions of normal and emergency use. Doors must be in full contact with weather stripping.
- I. Re-adjust doors just prior to substantial completion and after installation of any finished flooring materials.

3.03 DEMONSTRATION AND TRAINING

- A. Upon completion of installation, demonstrate proper operation and maintenance to the Owner.
- B. Verify with Owner the following:
  - 1. All safety devices on every door are functioning as designed.
  - 2. All pushbutton operators and remote operators function as designed.

**END OF SECTION 083613.11**

## **MKIV1803 INDEPENDENT - LINTEL SCHEDULE**

MARK	SIZE	DETAILS	COMMENTS
LL-1	(2) L4 x 3-1/2 x 5/16, (1)L4 x 3-1/2 x 5/16 & PL 1/4" x 15" x M.O.		NOTES 1-3, 5
LL-2	(2) L4 x 3-1/2x 5/16		NOTES 1, 3, 5
LL-3	(2) L6 x 4 x 5/16" (LLV) W/ SPACER		NOTES 1, 3, 4
LL-4	(2) L6 x 3-1/2 x 5/16, (1)L6 x 3-1/2 x 5/16 & PL 1/4" x 15" x M.O.		NOTES 1-3, 5

### **NOTES:**

1. LINTEL LENGTH SHALL BE M.O. + 1'-4" TO PROVIDE MIN. BEARING OF 8" ONTO SOLID MASONRY ON EACH SIDE.
2. ALL EXTERIOR LINTELS TO BE SHOP APPLIED HOT DIPPED GALVANIZED.
3. WELD VERTICAL REINFORCEMENT INTERRUPTED BY MASONRY OPENINGS TO TOP OF THE STEEL LINTELS, TYPICAL.
4. ANTICIPATED EXISTING MASONRY IS 10" CMU. PROVIDE 1" SPACER BETWEEN VERTICAL LEGS OF DOUBLE ANGLES FOR 10" CMU. CONTRACTOR TO CONFIRM ASSUMED WALL TYPE PRIOR TO FABRICATION OF LINTEL.
5. VERTICAL LEGS OF DOUBLE ANGLES SHALL BE WELDED TOGETHER.





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

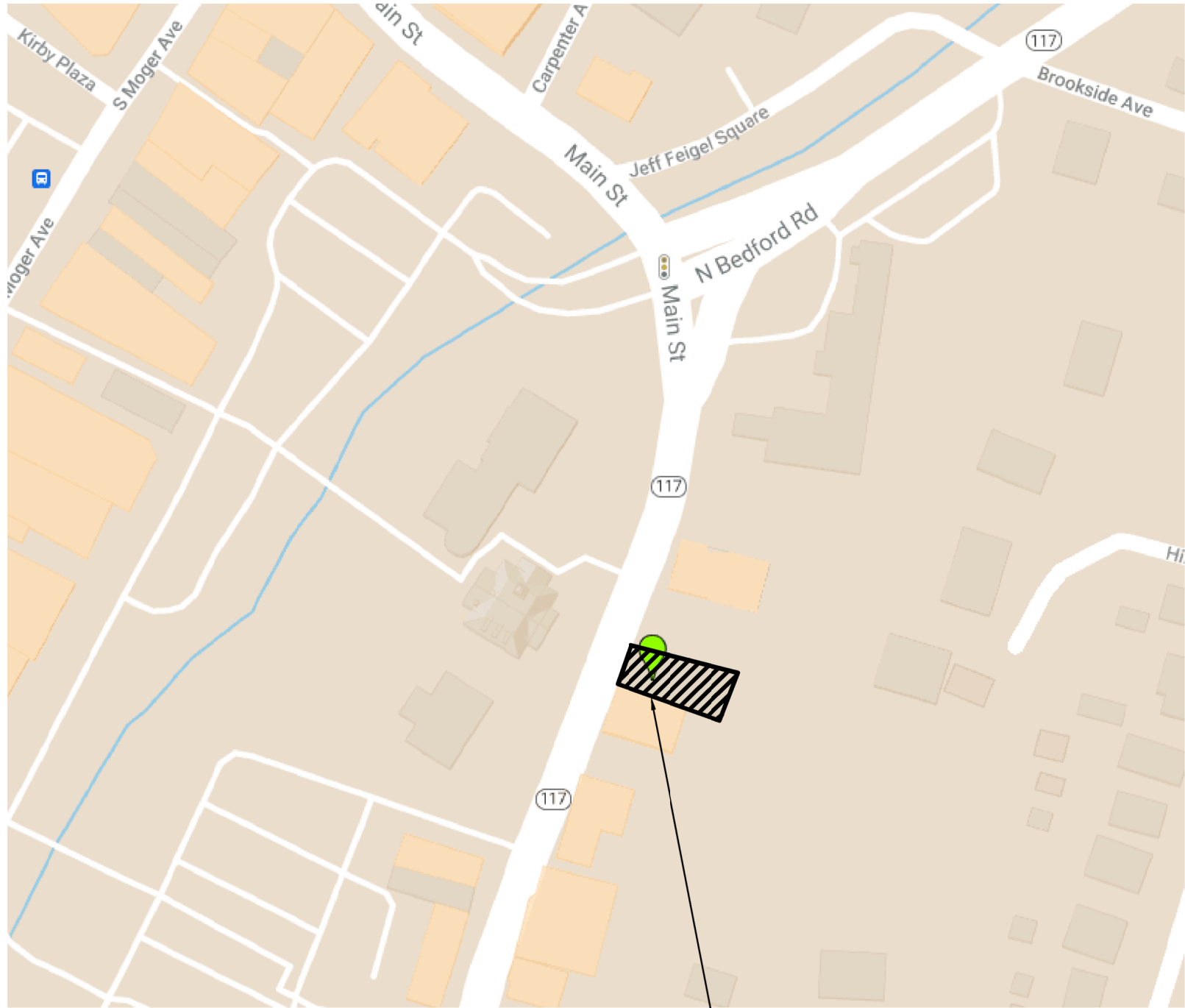
CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
PLUMBING SITE PLAN

DRAWING No.
PS 100.01

TAX NUMBER
DISTRICT 0100 SECTION 80 BLOCK 3 LOT 1



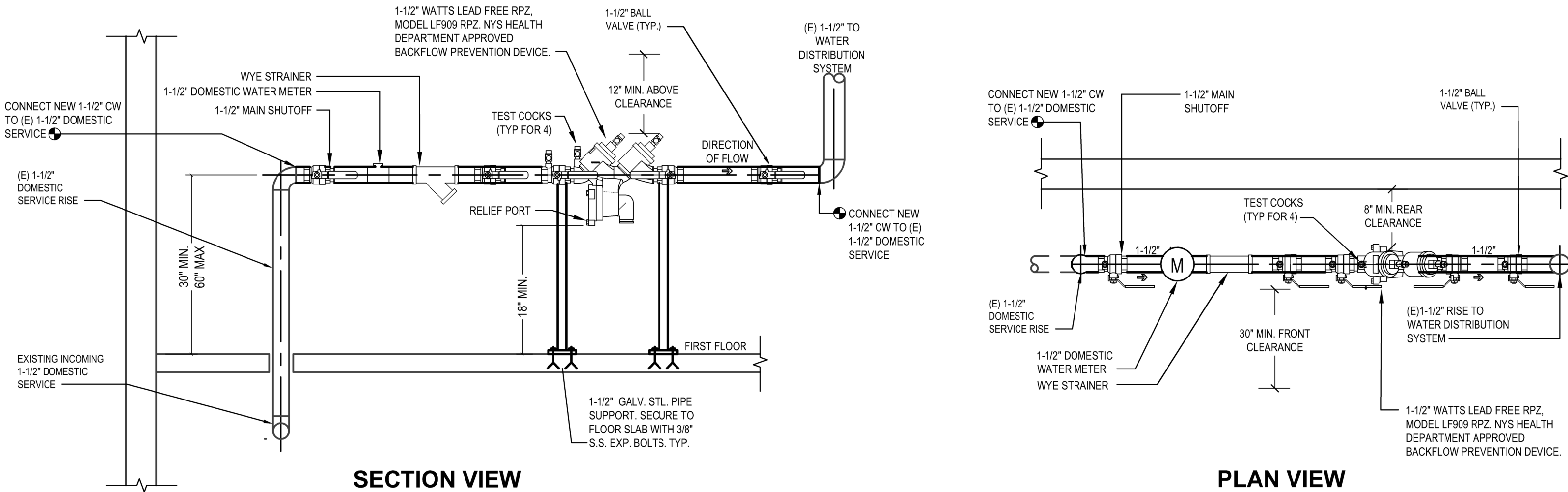
2 Key Map  
SCALE: NTS

DOMESTIC WATER SERVICE BACKFLOW PREVENTION DEVICE GENERAL NOTES:

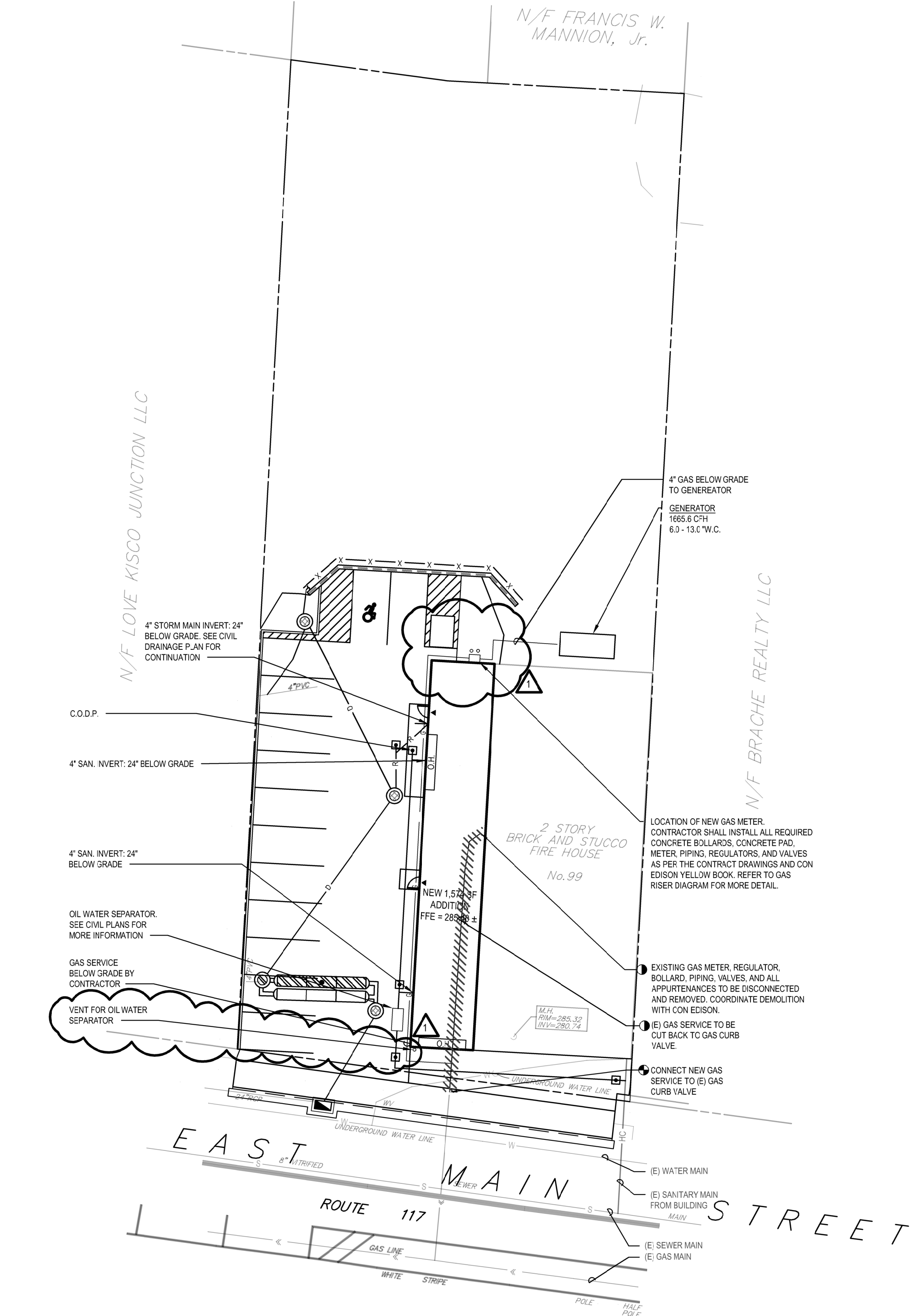
1. INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE COUNTY DEPARTMENT OF HEALTH SERVICES, NEW YORK STATE HEALTH DEPARTMENT REGULATIONS, AND VILLAGE OF MT. KISCO WATER DEPARTMENT REGULATIONS.
2. ALL CONNECTIONS ON THE WATER SERVICE SHALL BE DOWNSTREAM FROM THE BACKFLOW PREVENTION DEVICE. BYPASSING OF A BACKFLOW PREVENTION DEVICE IS A VIOLATION OF NEW YORK STATE HEALTH DEPARTMENT RULES AND REGULATIONS.
3. 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.
4. SHUT-OFF VALVES ON DOMESTIC WATER SERVICE BFP DEVICE SHALL BE BALL VALVES AND SHALL BE SAME MANUFACTURER AS BFP DEVICE.
5. TEST COCKS ON THE BFP DEVICE SHALL BE POSITIONED TO FACILITATE TESTING WITH 30" MINIMUM CLEARANCE.
6. BACKFLOW DEVICES MAY NOT BE MODIFIED IN ANY WAY DURING INSTALLATION
7. PIPING SHALL BE UN-BRANCHED AND UNRESTRICTED FROM THE SUPPLY MAIN TO THE DEVICE, EXCEPT FOR THE METER ON THE DOMESTIC SERVICE.
8. CONTRACTOR SHALL PROVIDE APPROPRIATE FLOOR/WALL SUPPORTS FOR ALL DEVICES AND PIPING. ALL SUPPORTS/HANGERS/CLAMPS SHALL BE GALVANIZED STEEL.
9. BACKFLOW DEVICES SHALL BE APPROVED BY THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
10. THE ROOM WHERE THE DEVICES ARE LOCATED SHALL BE HEATED AND SHALL HAVE LIGHTING.
11. 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."
12. 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.



3 Domestic Service BFP Device Detail  
SCALE: NTS



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



CONSULTANTS:

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

DESIGNED BY: JRM	DRAWN BY: KJE	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



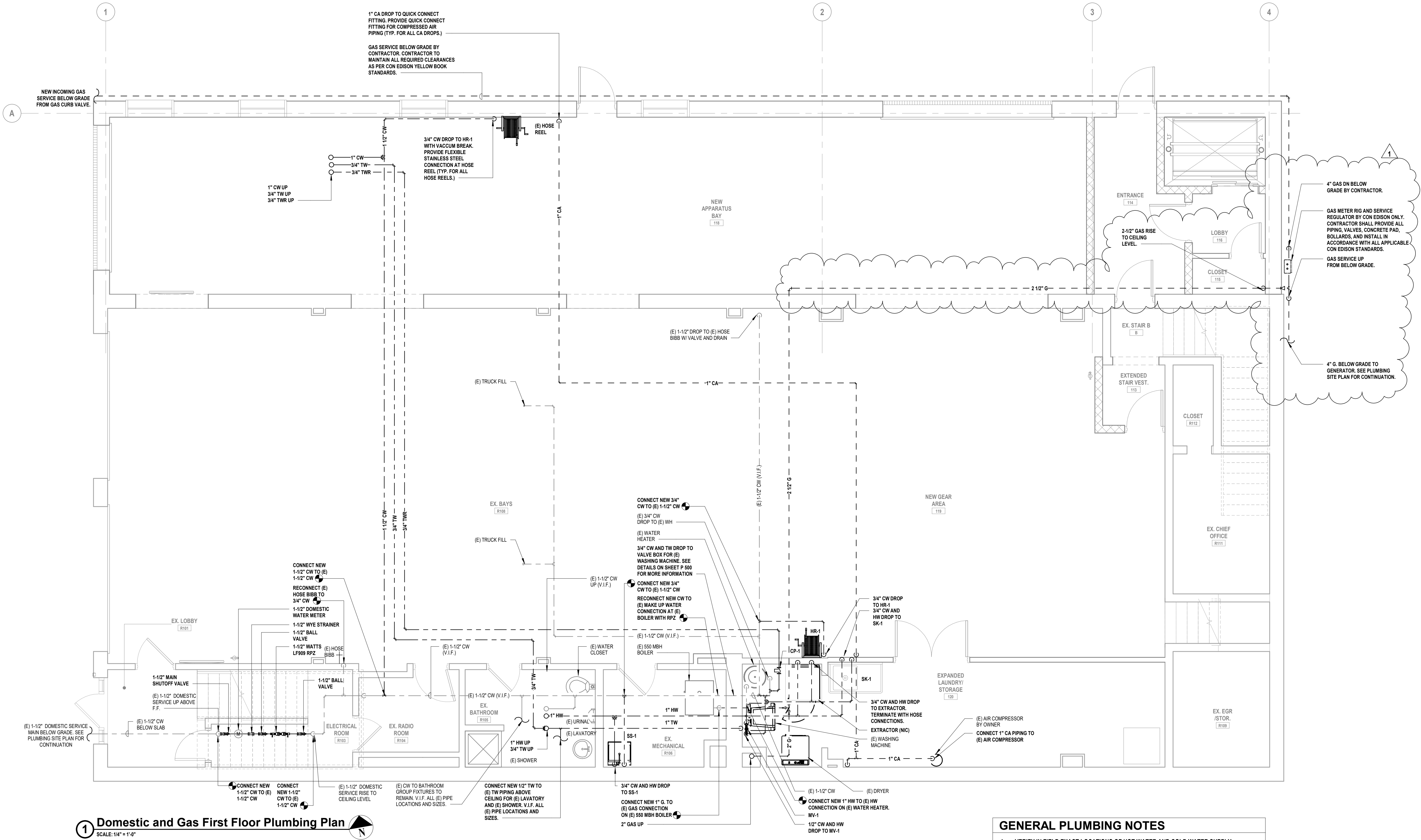
99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT  
CONTRACT G  
GENERAL CONSTRUCTION

STATUS  
CONSTRUCTION DOCUMENTS

SHEET TITLE  
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.

CONSULTANTS:

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

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."			
DESIGNED BY: JRM	DRAWN BY: KJE	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



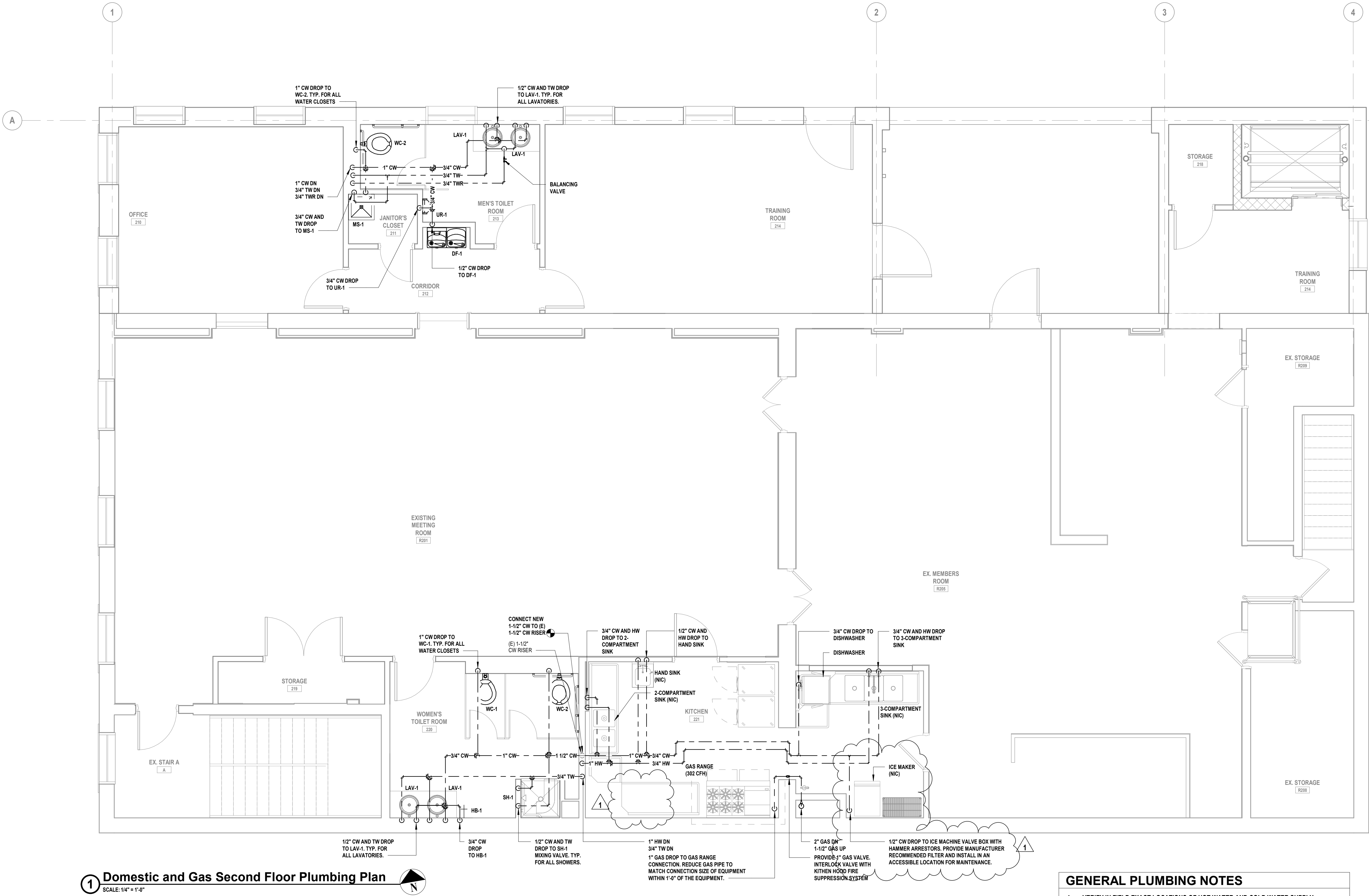
99 MAIN STREET, MOUNT KISCO,  
NY 10549

CONTRACT  
CONTRACT G  
GENERAL CONSTRUCTION

STATUS  
CONSTRUCTION DOCUMENTS

SHEET TITLE  
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"

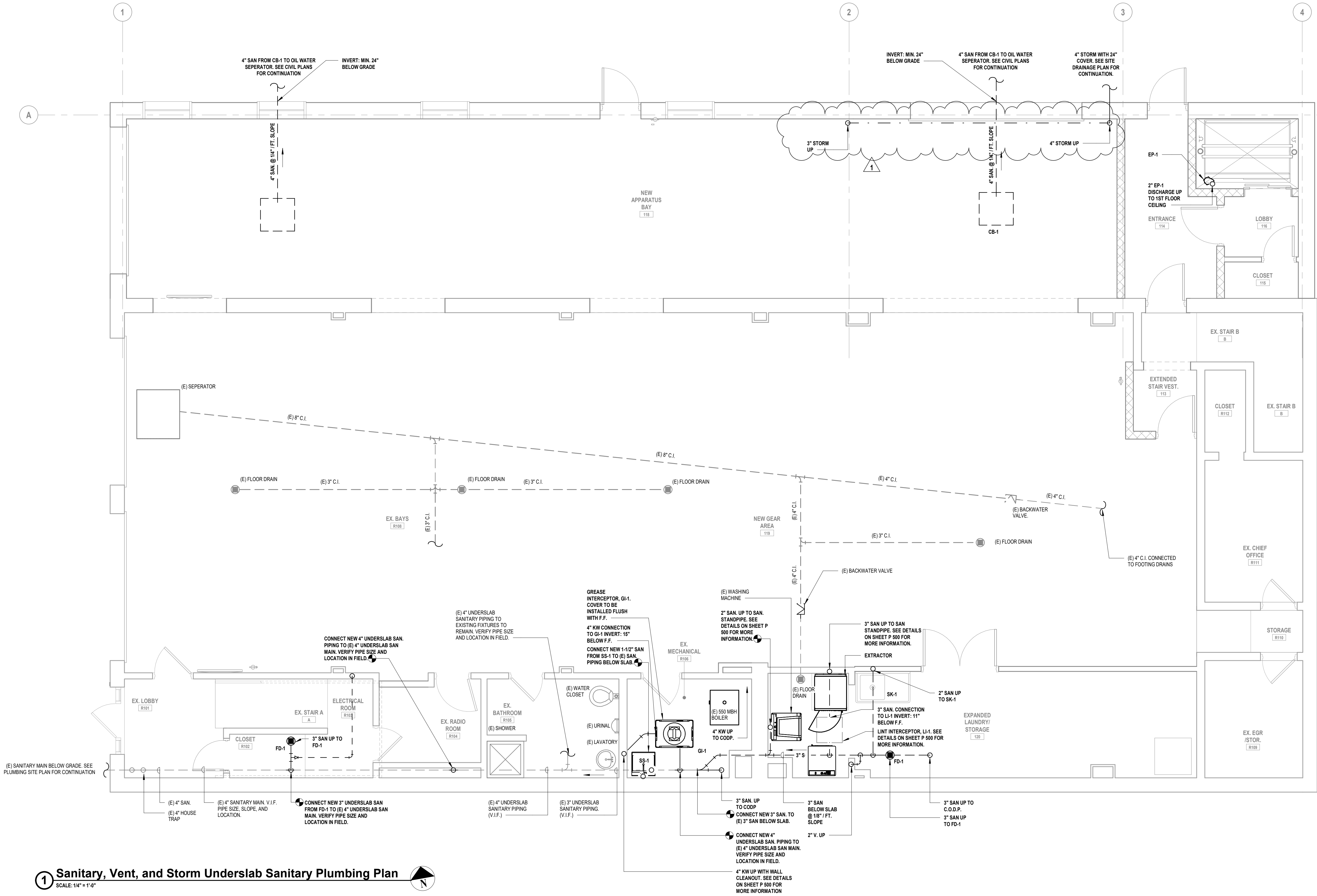
GENERAL PLUMBING NOTES

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.



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 Underslab Sanitary Plumbing Plan  
SCALE: 1/4" = 1'-0"

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

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1	1/17/2022	Addendum #1

DESIGNED BY: JRM	DRAWN BY: KJE	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

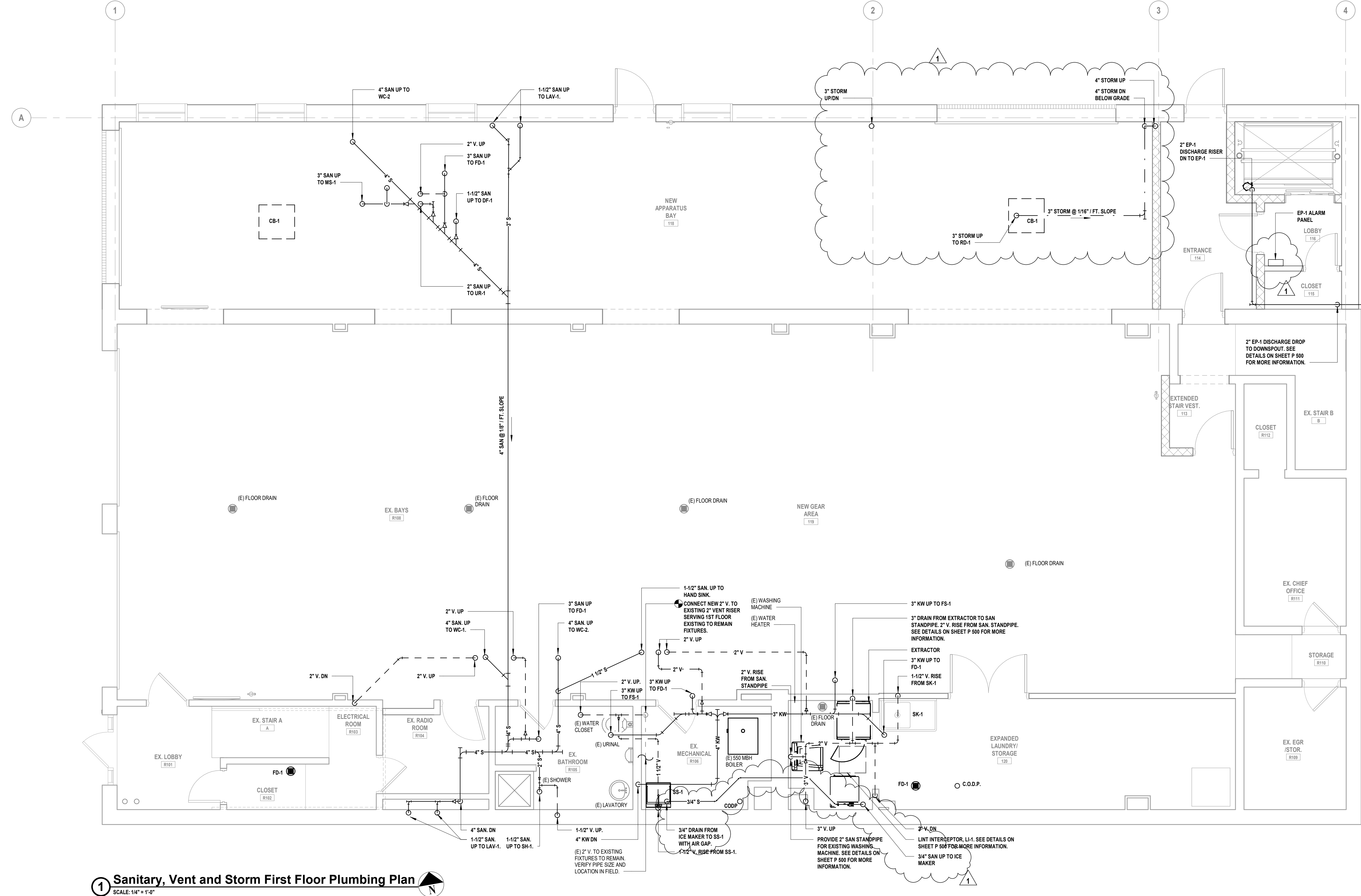
**SANITARY, VENT & STORM  
UNDERSLAB PLUMBING  
PLAN**

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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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





















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





















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**P 131.01**



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.



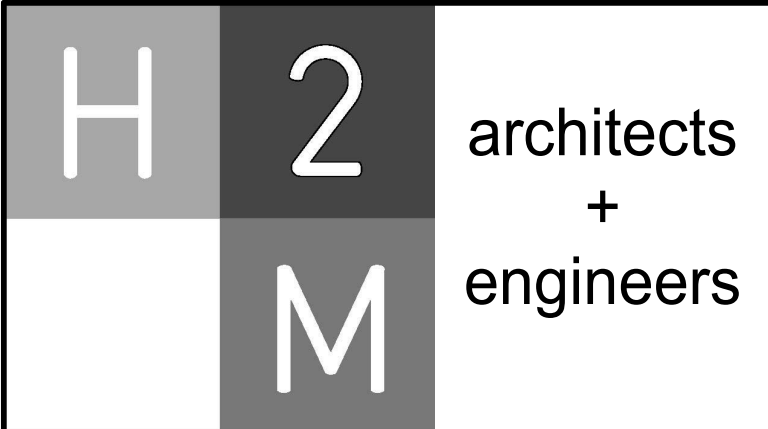
ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	COMMENTS
S <sub>3</sub>	THREE - WAY SWITCH	46" AFF TO CL UON
S <sub>4</sub>	FOUR - WAY SWITCH	46" AFF TO CL UON
S <sub>I</sub>	ILLUMINATED SWITCH	46" AFF TO CL UON
S <sup>A</sup>	SINGLE POLE SWITCH; "A" INDICATES SWITCH CONTROL	46" AFF TO CL UON
S <sub>D</sub>	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON
S <sub>3D</sub>	THREE - WAY DIMMER SWITCH	46" AFF TO CL UON
S <sub>K</sub>	SINGLE POLE KEYED SWITCH	46" AFF TO CL UON
S <sub>K3</sub>	KEYED THREE - WAY SWITCH	46" AFF TO CL UON
S <sub>K4</sub>	KEYED FOUR - WAY SWITCH	46" AFF TO CL UON
S <sub>M</sub>	HORSEPOWER RATED SWITCH, WITH INDICATOR (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	46" AFF
S <sub>P</sub>	SWITCH AND PILOT LIGHT	
S <sub>T</sub>	SWITCH WITH THERMAL OVERLOAD PROTECTION (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	
S <sub>OS</sub>	OCCUPANCY SENSOR WITH MANUAL OVERRIDE, WALL MOUNT	
	TIME CLOCK	
	PHOTOCELL	
	PUSH BUTTON	
	EMERGENCY SHUT OFF SWITCH; 'E' INDICATES ELECTRICAL; 'G' INDICATES GAS	
	OCCUPANCY SENSOR, CEILING MOUNT	
	OCCUPANCY SENSOR POWER PACK, MOUNTED ABOVE CEILING	
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	5 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB	
	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	
	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 TWO (2) 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

ELECTRICAL SHEET LIST	
Sheet Number	Sheet Name
E 001	ELECTRICAL GENERAL NOTES AND LEGENDS
ED 111	ELECTRICAL DEMOLITION PLAN FIRST FLOOR
ED 112	ELECTRICAL DEMOLITION PLAN SECOND FLOOR
ED 113	ELECTRICAL DEMOLITION PLAN ROOF
ES 100	ELECTRICAL SITE PLAN
E 101	ELECTRICAL POWER PLAN FIRST FLOOR
E 102	ELECTRICAL POWER PLAN SECOND FLOOR
E 111	ELECTRICAL HVAC POWER PLAN FIRST FLOOR
E 112	ELECTRICAL HVAC POWER PLAN SECOND FLOOR
E 113	ELECTRICAL HVAC POWER PLAN ROOF
E 121	ELECTRICAL LIGHTING PLAN FIRST FLOOR
E 122	ELECTRICAL LIGHTING PLAN SECOND FLOOR
E 140	ELECTRICAL GENERATOR PLAN
E 500	ELECTRICAL DETAILS
E 501	ELECTRICAL DETAILS
E 540	ELECTRICAL GENERATOR DETAILS
E 600	ELECTRICAL SCHEDULES
E 601	ELECTRICAL PANEL SCHEDULES
E 610	ELECTRICAL SINGLE LINE DIAGRAM



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CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



99 MAIN STREET, MOUNT KISKO, NY 10549

CONTRACT	CONTRACT G GENERAL CONSTRUCTION
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STATUS	CONSTRUCTION DOCUMENTS
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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

CONTRACT

**CONTRACT G**

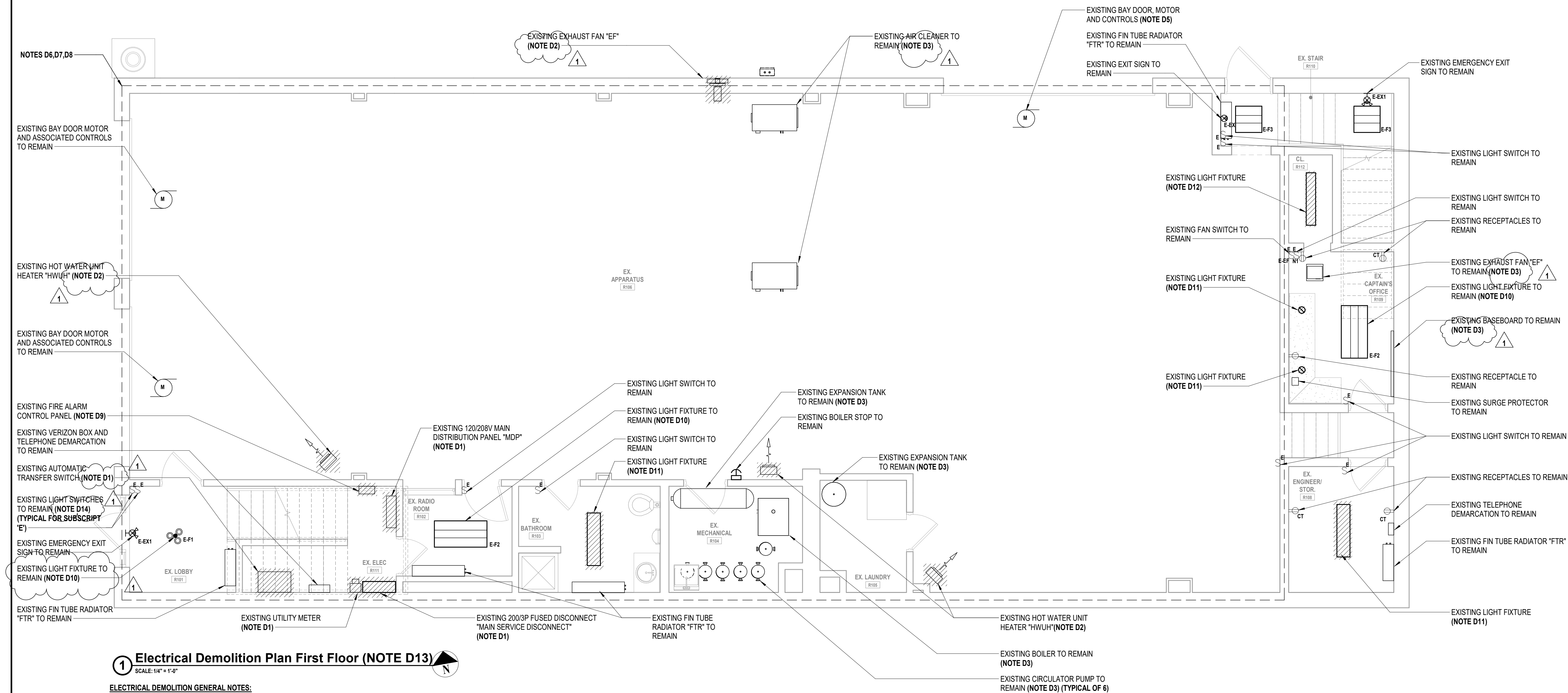
**GENERAL CONSTRUCTION**

STATUS **CONSTRUCTION DOCUMENTS**

**ELECTRICAL DEMOLITION  
PLAN FIRST FLOOR**

DRAWING No.

# ED 111.01



### 1 Electrical Demolition Plan First Floor (NOTE D13)

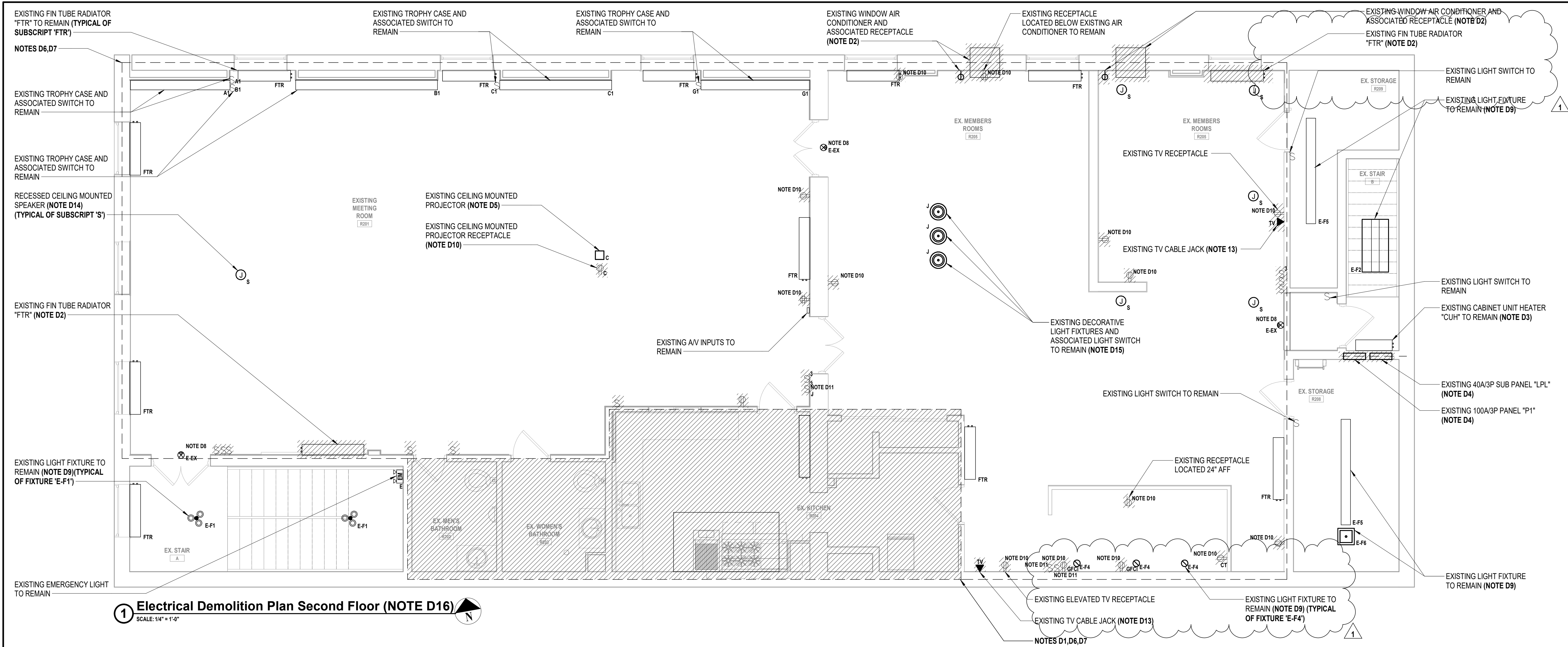
SCALE: 1/4" = 1'-0"

**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 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.   | 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.   | 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. |
| 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.   | D8.  | 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.  | 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.                         |
| 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. | D9.  | EXISTING FIRE ALARM SYSTEM TO BE DISCONNECTED AND REMOVED IN ITS ENTIRETY <b><u>AFTER NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED AND ACCEPTED BY OWNER, ENGINEER, AND AHI</u></b> ALL EQUIPMENT, CONDUIT, AND WIRING TO BE REMOVED FROM DEVICES BACK TO SOURCE. CONTRACTOR SHALL PATCH, PRIME, AND PAINT TO MATCH EXISTING SURFACES. PROVIDE AND INSTALL NEW CEILING TILES AS REQUIRED TO MATCH EXISTING FINISHES AT LOCATIONS WHERE DEVICES ARE SCHEDULED FOR DEMOLITION WITHOUT REPLACEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING GROUT, SILICON, FIRESTOPPING, PAINT, CEILING TILES, AND OTHER ACCESSORIES TO MATCH EXISTING FINISHES. |      |   |
| 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 "MDP". CONTRACTOR SHALL RE-USE EXISTING BACKBOX FOR WIRE BENDING SPACE.   | D10. | 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.  |      |   |
| 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.  | D11. | CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING LIGHT FIXTURE INCLUDING BUT NOT LIMITED TO HOUSING, BALLASTS, BULBS, MOUNTING HARDWARE AND ACCESSORIES AND EXISTING POWER WIRE AND CONDUIT BACK TO SOURCE. LIGHTING CONTROL WIRE AND CONDUIT TO REMAIN.  |      |   |
| 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.   | D12. | CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING LIGHT FIXTURE INCLUDING BUT NOT LIMITED TO HOUSING, BALLASTS, BULBS, MOUNTING HARDWARE AND ACCESSORIES, ASSOCIATED SWITCHES AND EXISTING WIRE AND CONDUIT BACK TO SOURCE.  |      |   |



**1 Electrical Demolition Plan Second Floor (NOTE D16)**  
SCALE: 1/4" = 1'-0"

**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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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



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

CONTRACT

**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS

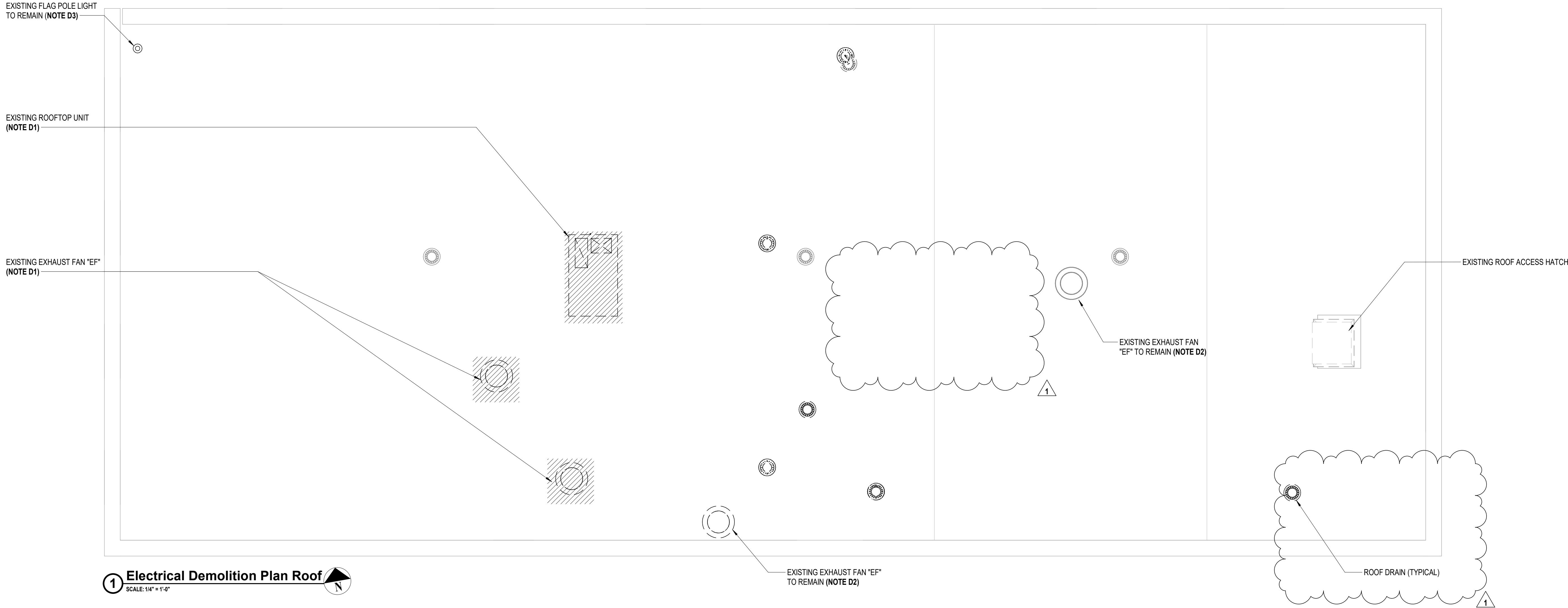
**CONSTRUCTION DOCUMENTS**

SHEET TITLE

**ELECTRICAL DEMOLITION  
PLAN SECOND FLOOR**

DRAWING No.

**ED 112.01**

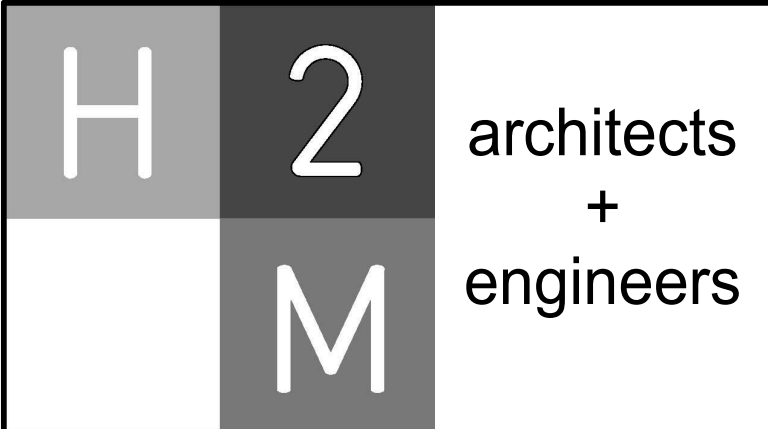


**ELECTRICAL DEMOLITION GENERAL NOTES:**

- 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**

CONTRACT

**CONTRACT G**

**GENERAL CONSTRUCTION**

STATUS

**CONSTRUCTION DOCUMENTS**

SHEET TITLE

**ELECTRICAL DEMOLITION**

**PLAN ROOF**

DRAWING No.

**ED 113.01**



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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 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:

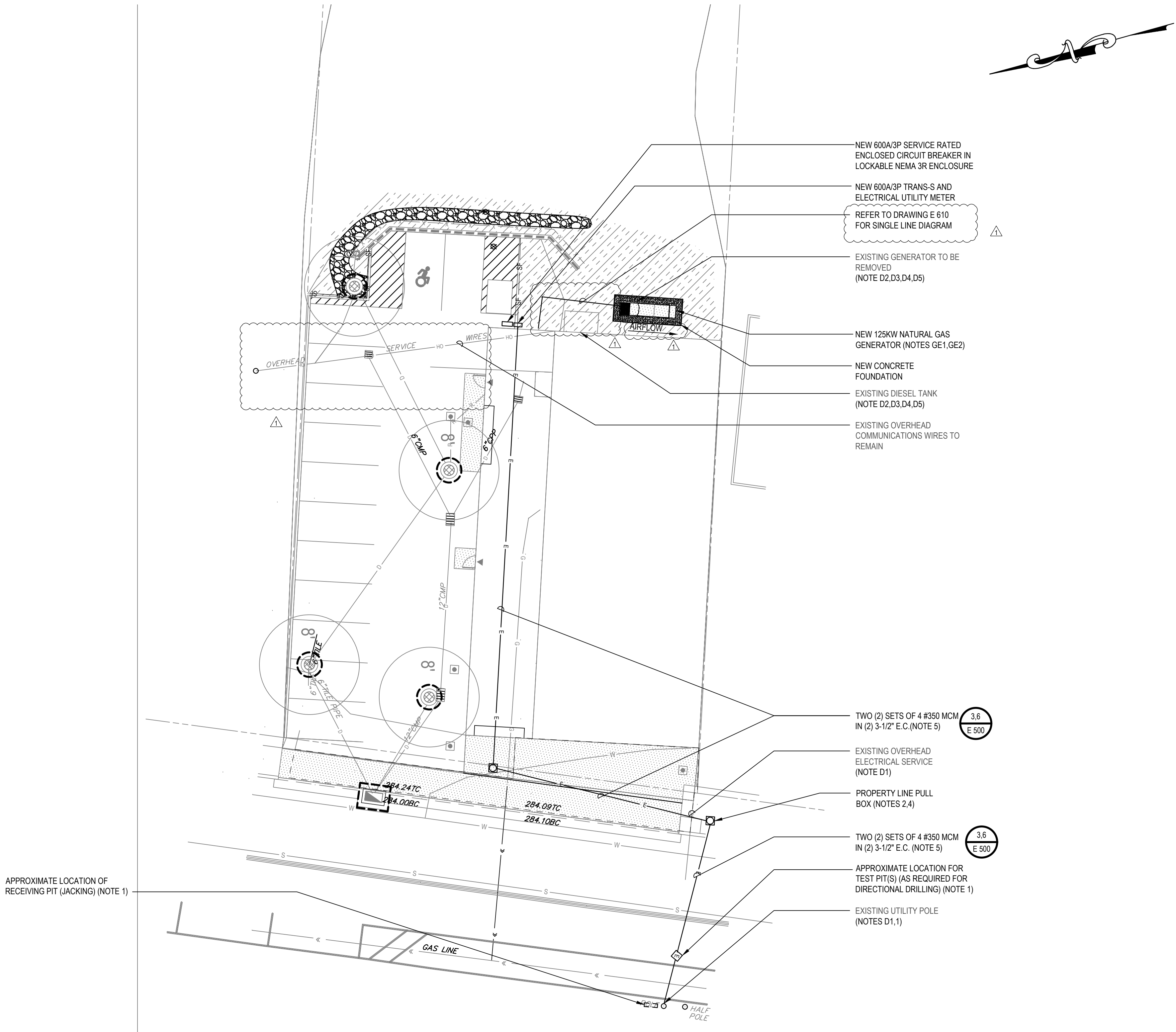
- D1. CON EDISON SHALL REMOVE AND DISPOSE OF EXISTING SERVICE AND SERVICE RISER ONCE NEW SERVICE IS INSTALLED. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING SECONDARY SERVICE CONDUCTORS AND ALL ASSOCIATED CONDUIT. CONTRACTOR SHALL REPAIR SURFACES TO MATCH EXISTING. CONTRACTOR SHALL COORDINATE REMOVAL 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.





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

CLIENT  
**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO  
MUTUAL STATION**



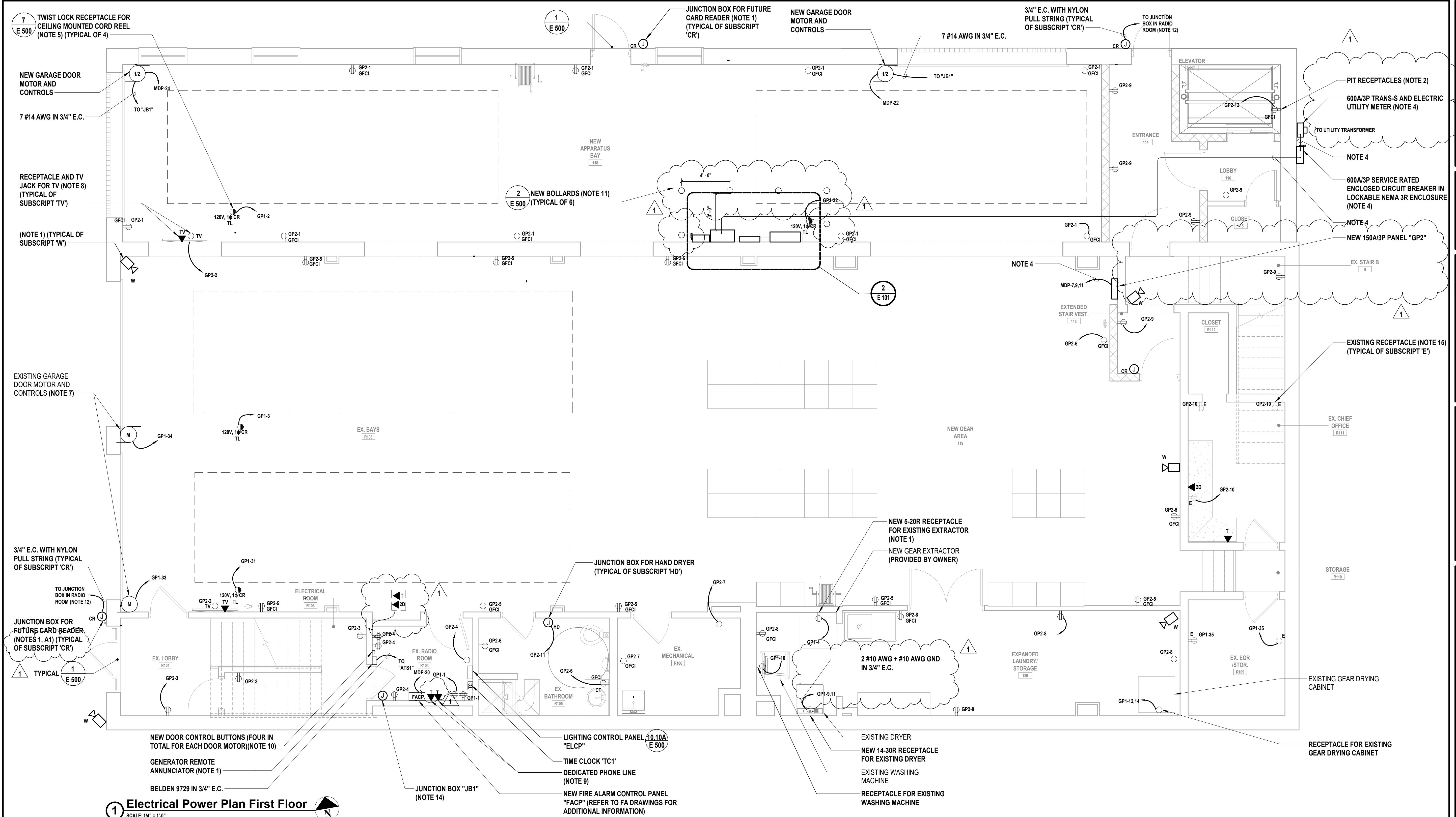
**99 MAIN STREET, MOUNT KISCO,  
NY 10549**

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**ELECTRICAL POWER  
PLAN FIRST FLOOR**

DRAWING No.  
**E 101.01**



**1 Electrical Power Plan First Floor**

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

**ELECTRICAL KEY NOTES:**

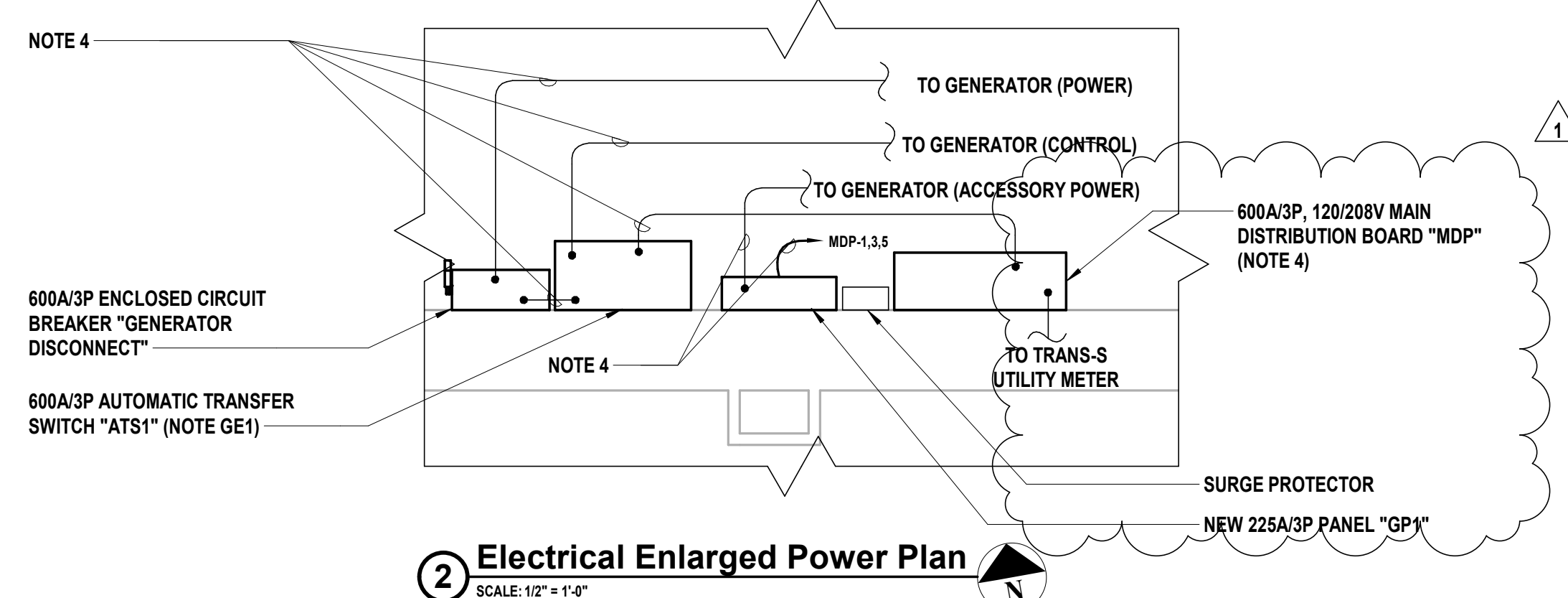
- CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL COORDINATE MOUNT RECEPTACLES AT LOWEST POINT OF ELEVATOR CAR TRAVEL AND EASILY ACCESSIBLE FROM THE PIT LADDER. COORDINATE EXACT HEIGHT AND LOCATION WITH ELEVATOR INSTALLER PRIOR TO INSTALLATION.
- 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"

**3 Lear Jet Lane, Suite 205  
Latham, NY 12110  
18.765.5105 • [www.h2m.com](http://www.h2m.com)**

**CONSULTANTS:**

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\*ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL MECHANICAL ENGINEER

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

**CLIENT**

# VILLAGE OF MOUNT KISCO

## ADDITIONS AND ALTERATIONS TO MUTUAL STATION



99 MAIN STREET, MOUNT KISKO,  
NY 10549

**CONTRACT**

**CONTRACT G**  
**GENERAL CONSTRUCTION**

STATUS

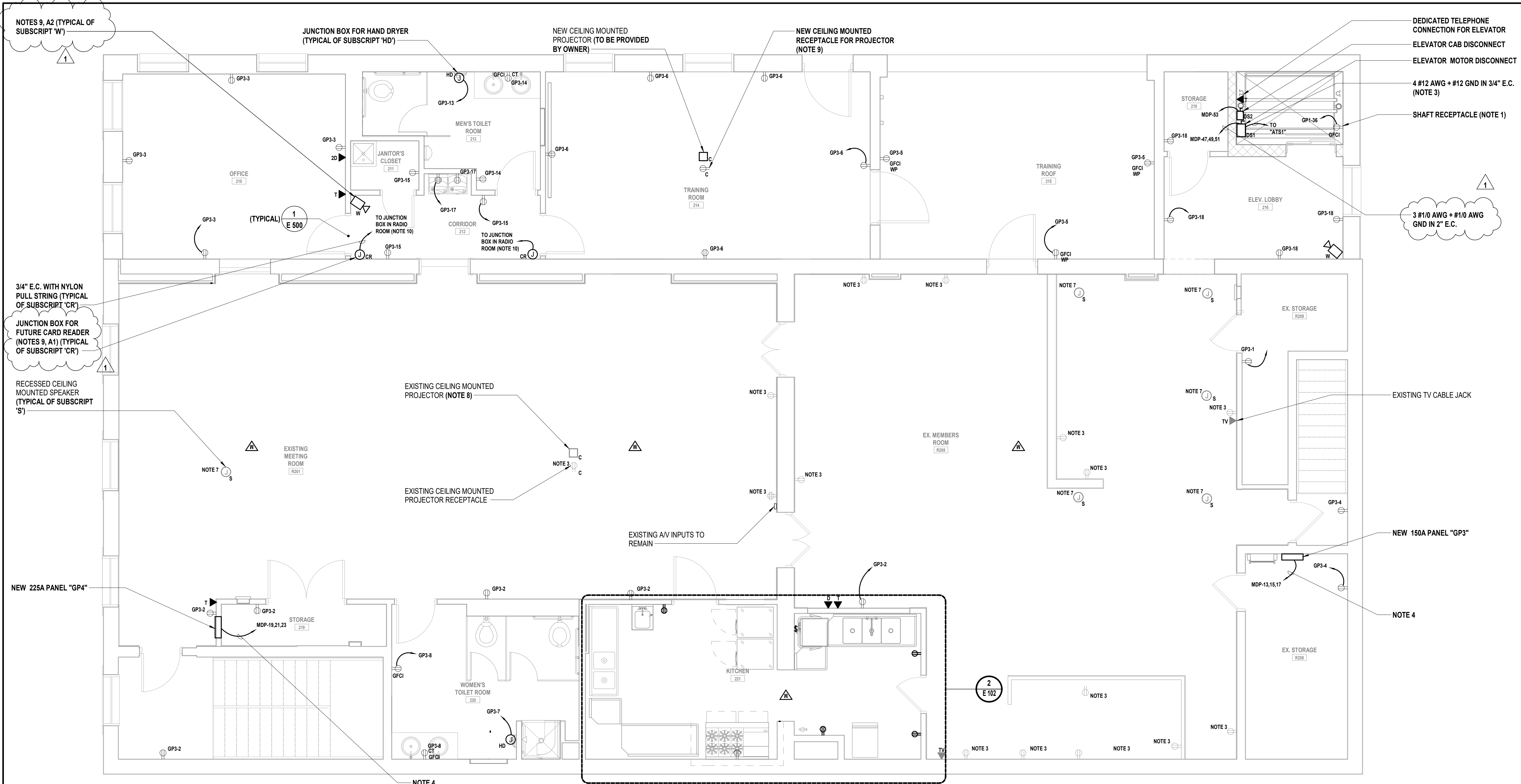
## CONSTRUCTION DOCUMENTS

**SHEET TITLE**

## ELECTRICAL POWER PLAN SECOND FLOOR

DRAWING No.

## E 102.01



## 1 Electrical Power Plan Second Floor

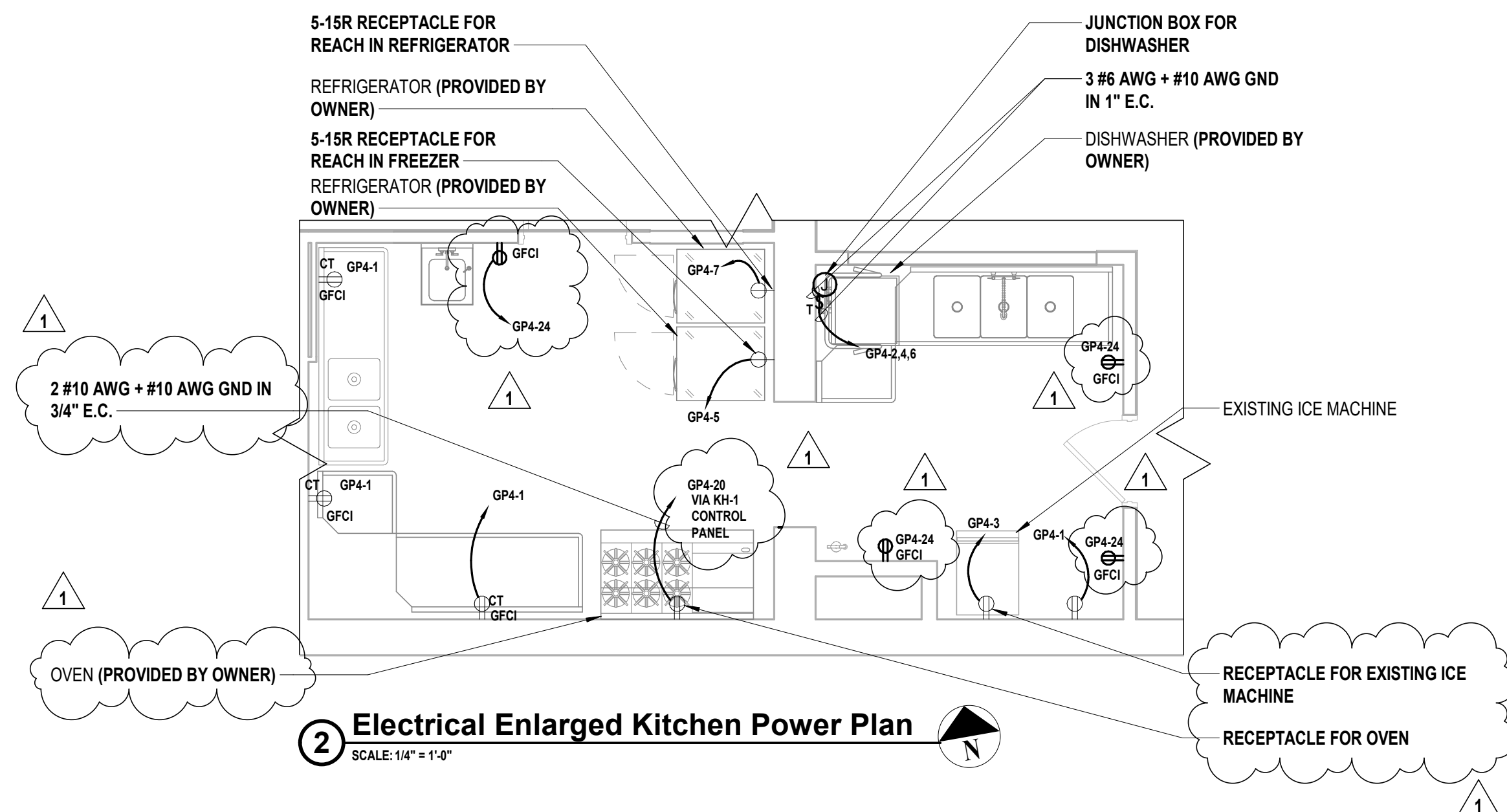
**ELECTRICAL KEY NOTES:**

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

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 Kitchen Power Plan



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

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



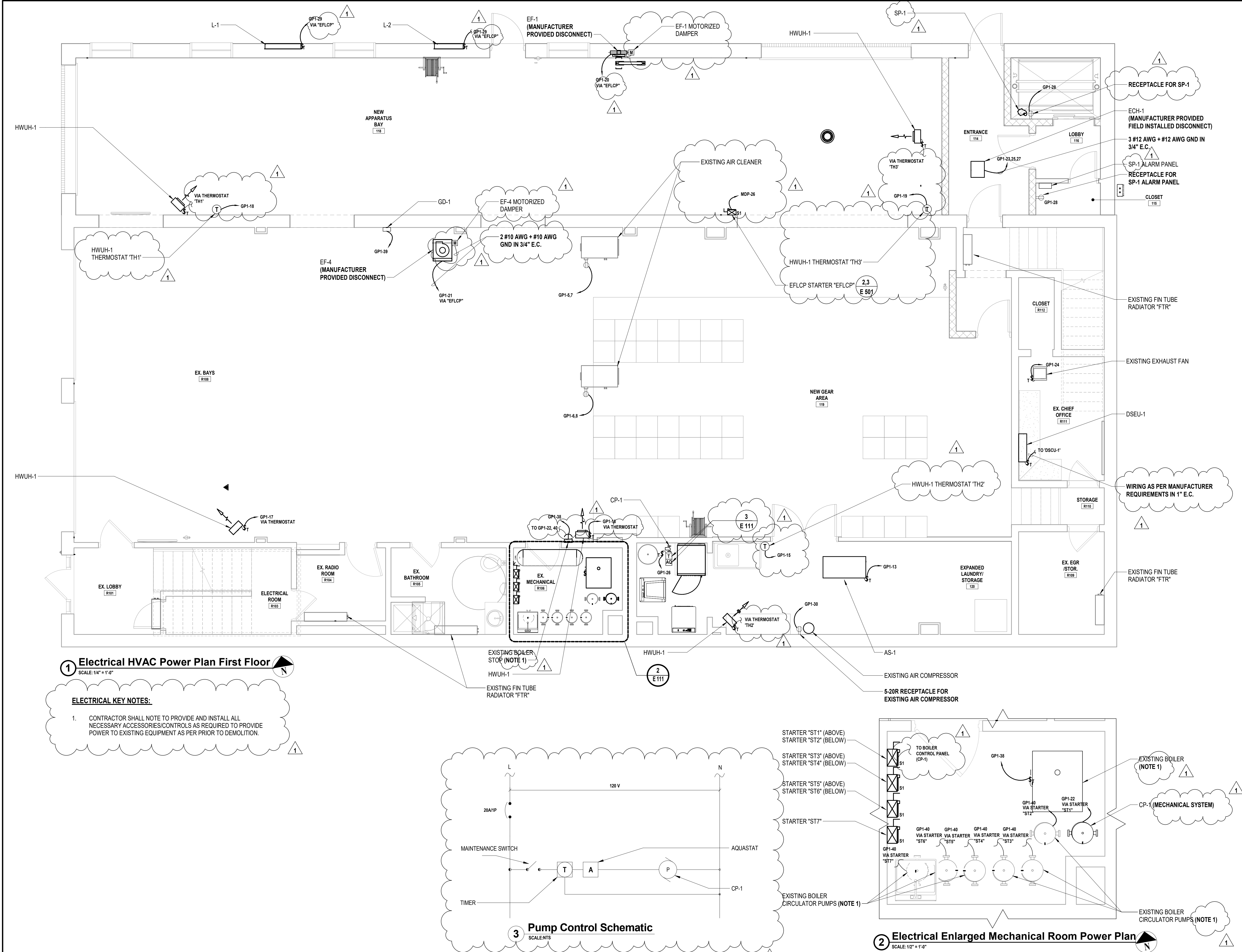
99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT  
CONTRACT G  
GENERAL CONSTRUCTION

STATUS  
CONSTRUCTION DOCUMENTS

SHEET TITLE  
ELECTRICAL HVAC  
POWER PLAN FIRST  
FLOOR

DRAWING No.  
E 111.01



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CONSULTANTS:

MARK	DATE	DESCRIPTION
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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

STATUS

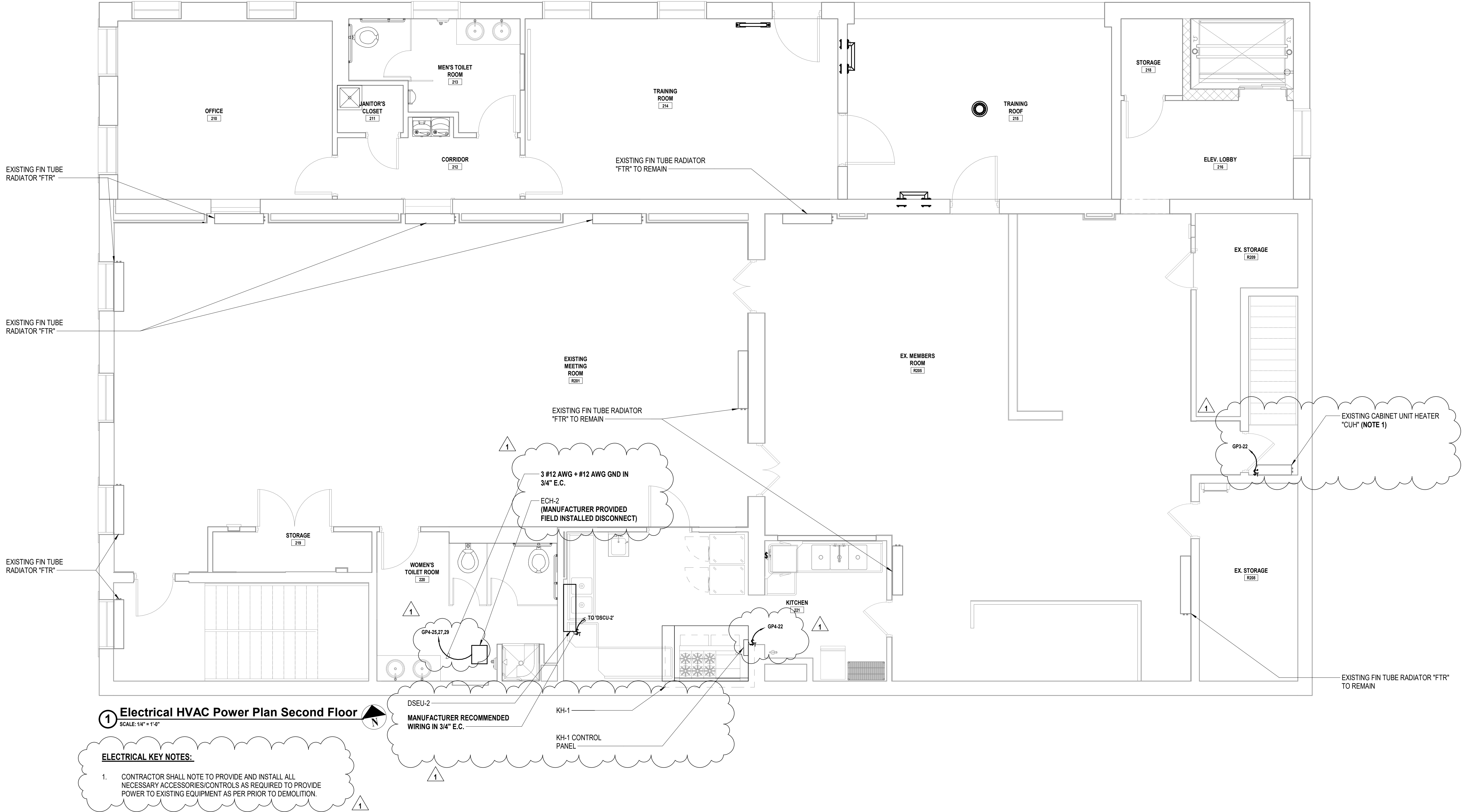
CONSTRUCTION DOCUMENTS

SHEET TITLE

ELECTRICAL HVAC  
POWER PLAN SECOND FLOOR

DRAWING No.

E 112.01





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"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."			
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PROJECT No: MKIV 1802	DATE: 12/13/2021	SCALE: AS SHOWN	

# VILLAGE OF MOUNT KISCO

CONTRACT

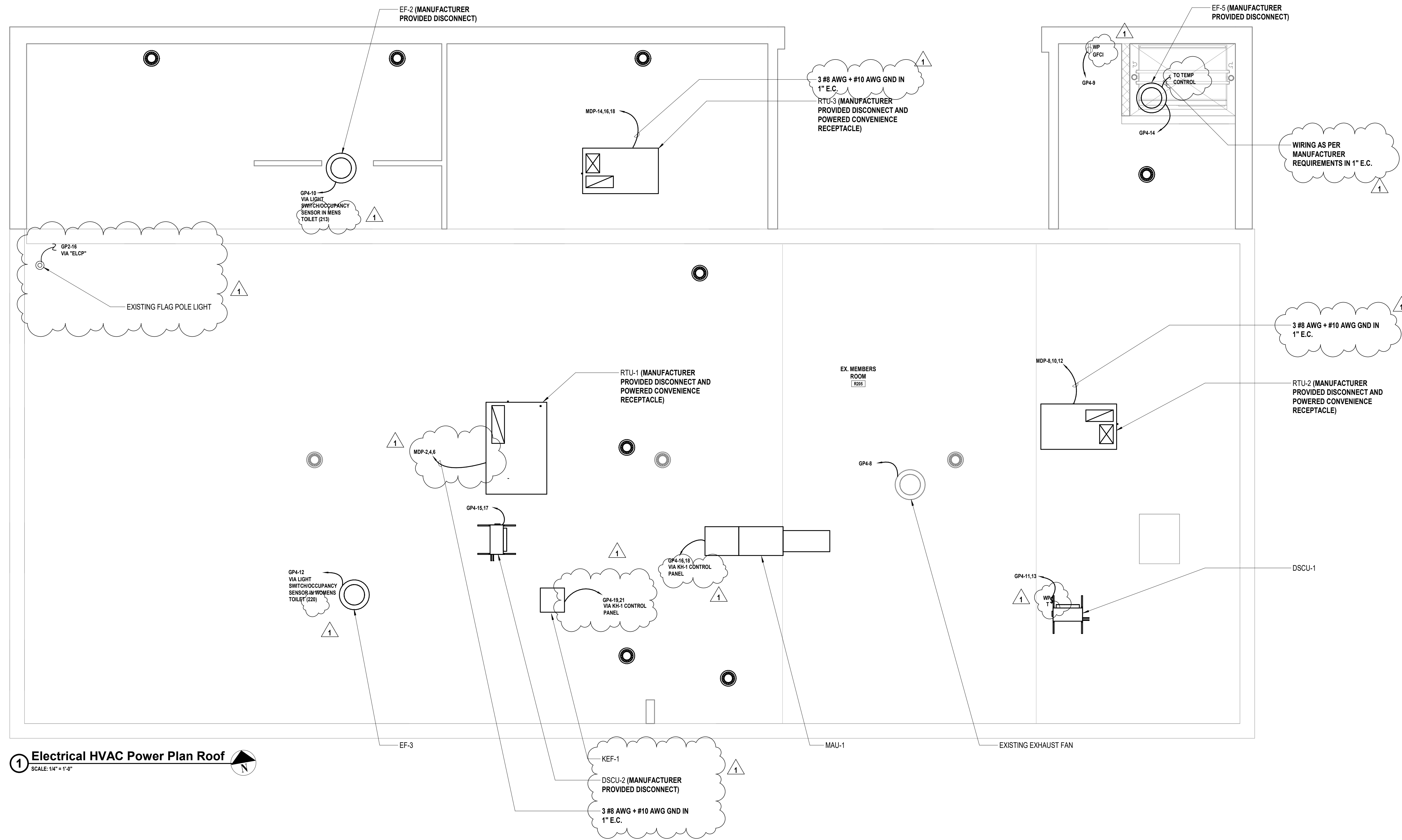
**CONTRACT G**

**GENERAL CONSTRUCTION**

SHEET TITLE

**ELECTRICAL HVAC  
POWER PLAN ROOF**

DRAWING No. **E 113.01**



**1 Electrical HVAC Power Plan Roof**  
SCALE: 1/4" = 1'-0"

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



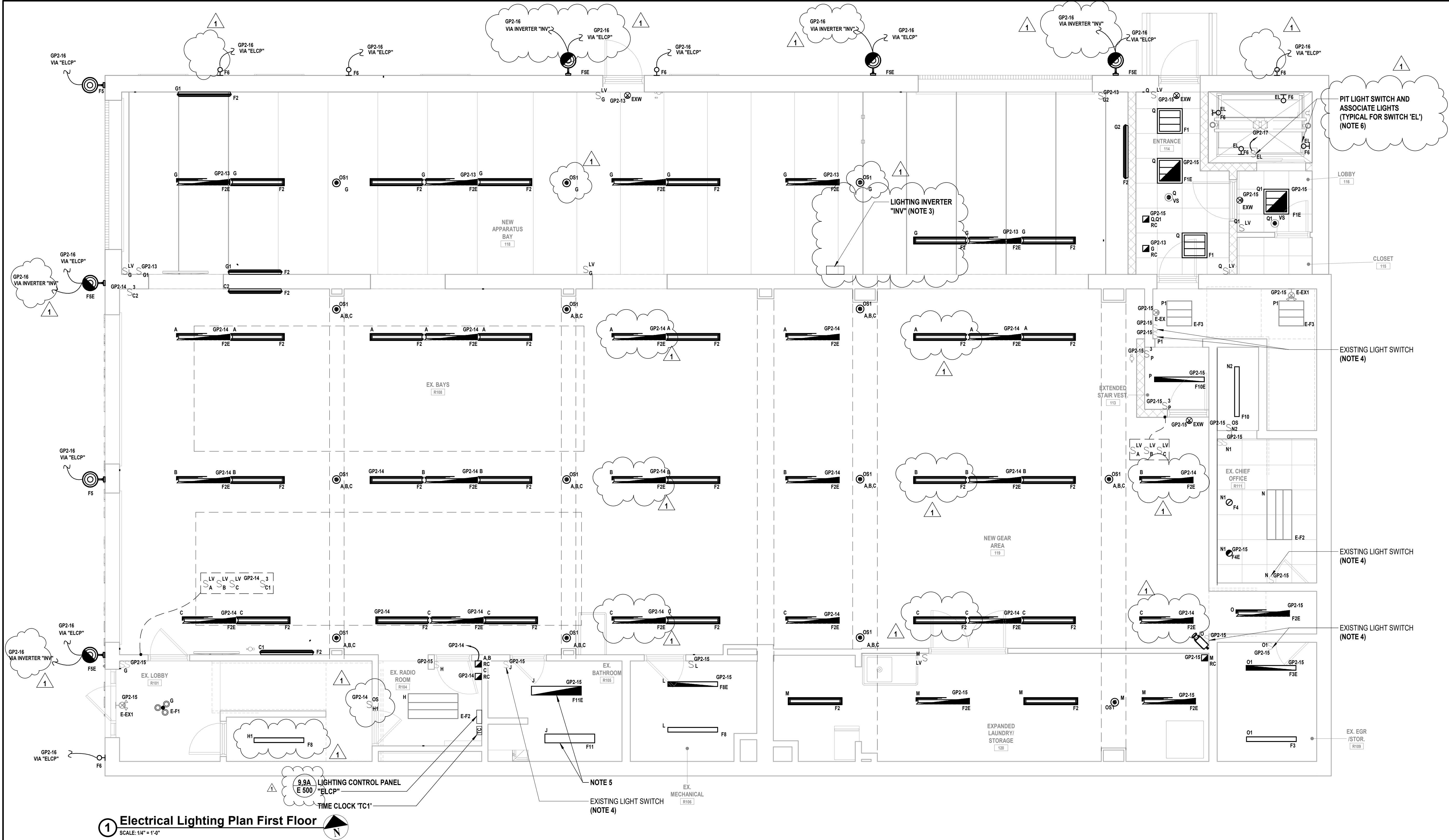
99 MAIN STREET, MOUNT KISCO,  
NY 10549

CONTRACT  
CONTRACT G  
GENERAL CONSTRUCTION

STATUS  
CONSTRUCTION DOCUMENTS

SHEET TITLE  
ELECTRICAL 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" E.C. 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.

[illegible]

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**VILLAGE OF MOUNT  
KISCO**

**ADDITIONS AND ALTERATIONS TO  
MUTUAL STATION**



**MOUNT KISCO**

**NEW YORK**

CONTRACT	<b>CONTRACT G</b> <b>GENERAL CONSTRUCTION</b>
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## STATUS **CONSTRUCTION DOCUMENTS**

SHEET TITLE

**ELECTRICAL LIGHTING  
PLAN SECOND FLOOR**

DRAWING No. **E 122.01**



- G1. 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.
- G2. 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.
- G3. FIXTURES INDICATED WITH CIRCUIT DESIGNATIONS SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.
- G4. FIXTURES INDICATED WITH LETTER DESIGNATIONS SHALL BE CONNECTED TO THE SWITCH, OCCUPANCY SENSOR AND/OR POWER PACK WITH CORRESPONDING LETTER DESIGNATION.
- G5. PROVIDE AND INSTALL A DESIGNATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
- G6. PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES, VACANCY/OCCUPANCY SENSORS, AND/OR ROOM CONTROLLER.

- G7. 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.
- G8. 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.
- G9. 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).

1. 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.
2. 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.
3. CONTRACTOR SHALL PROVIDE "HHS-6501" TRIM FOR WET LOCATION USE FOR LIGHT FIXTURE.
4. CONTRACTOR SHALL MOUNT LIGHT FIXTURE ON WALL ABOVE DOOR. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
5. 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.

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	

CLIENT

VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO  
MUTUAL STATION



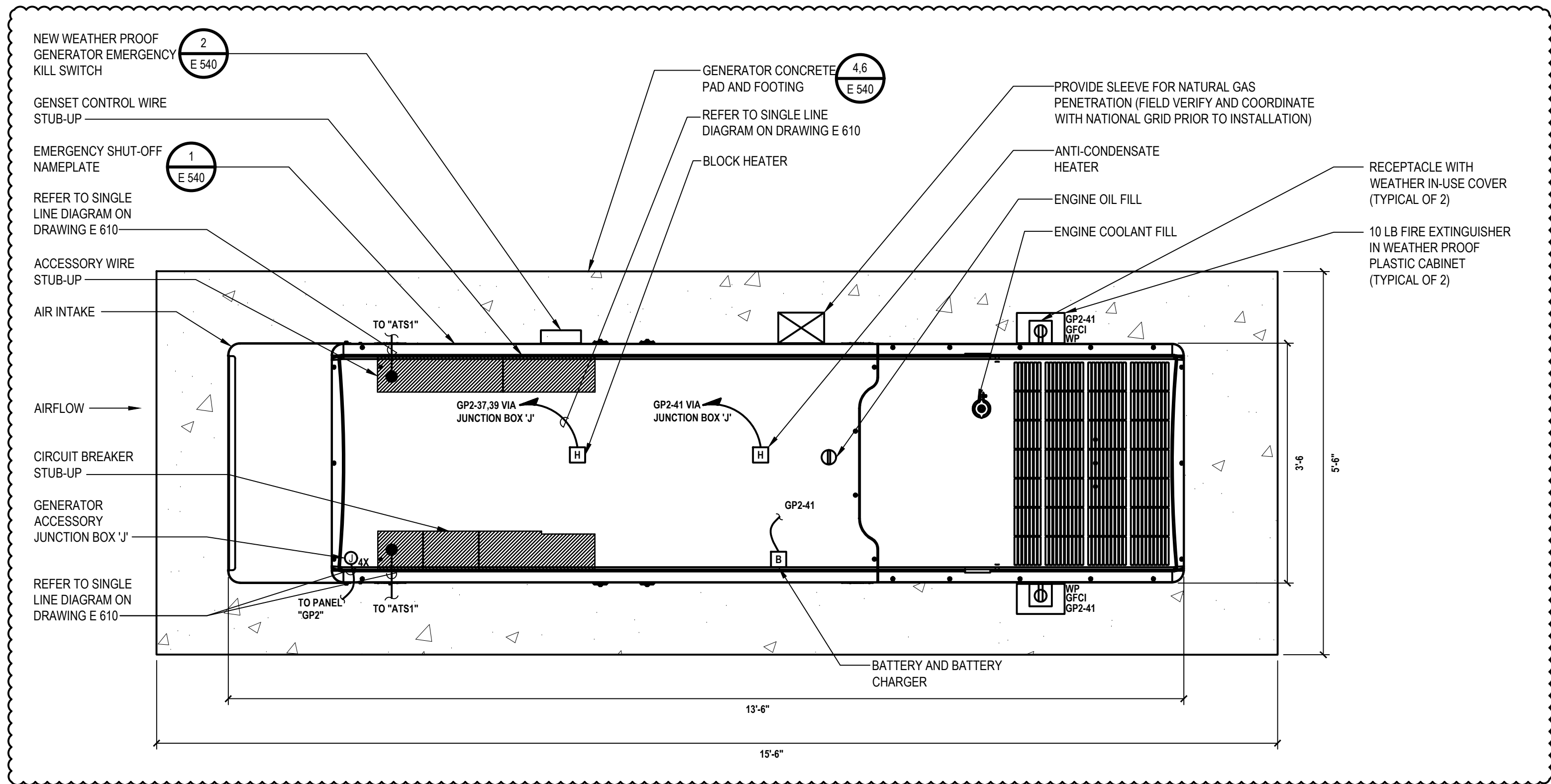
99 MAIN STREET, MOUNT KISCO,  
NY 10549

CONTRACT  
CONTRACT G  
GENERAL CONSTRUCTION

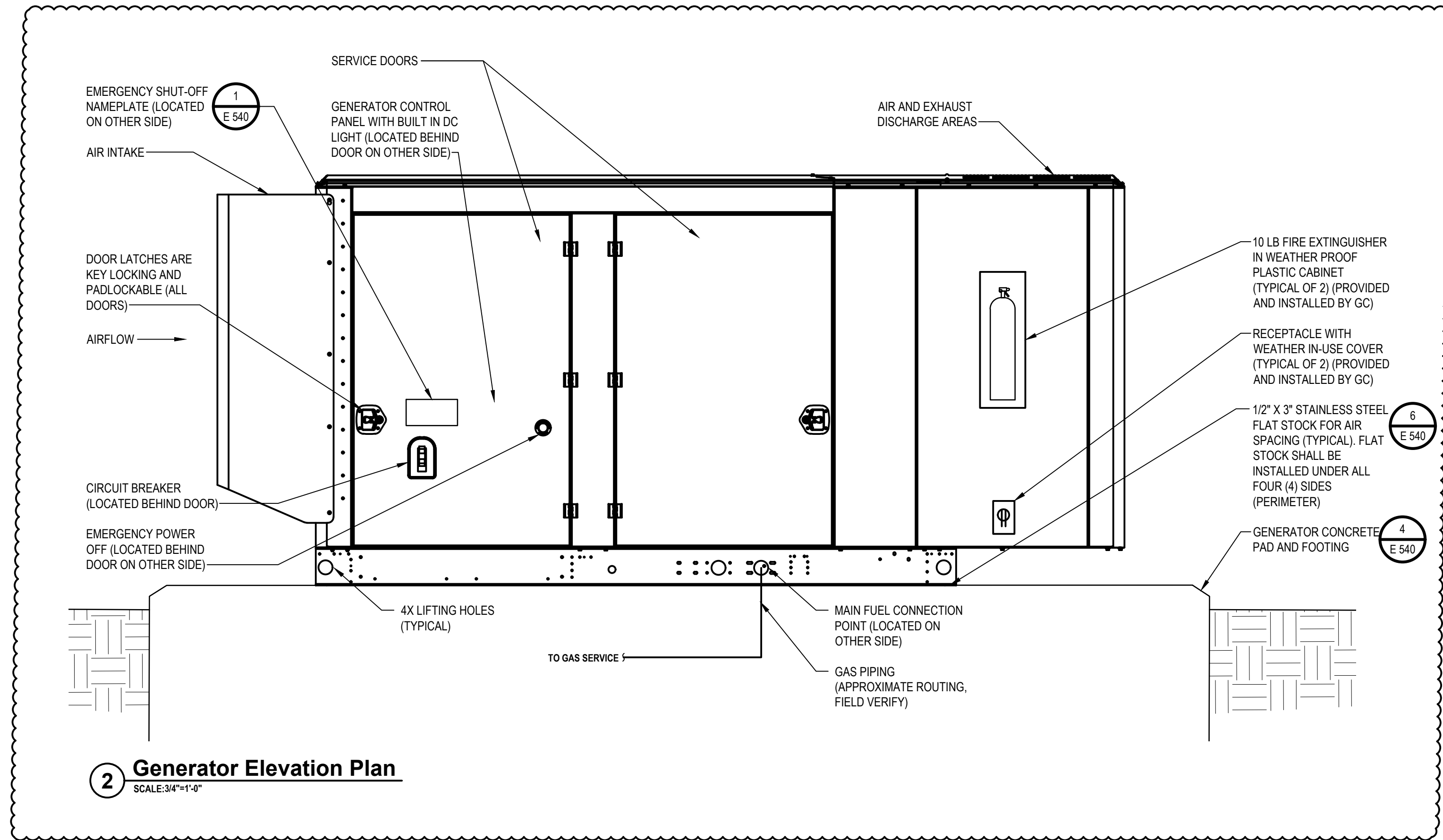
STATUS  
CONSTRUCTION DOCUMENTS

SHEET TITLE  
ELECTRICAL GENERATOR  
PLAN

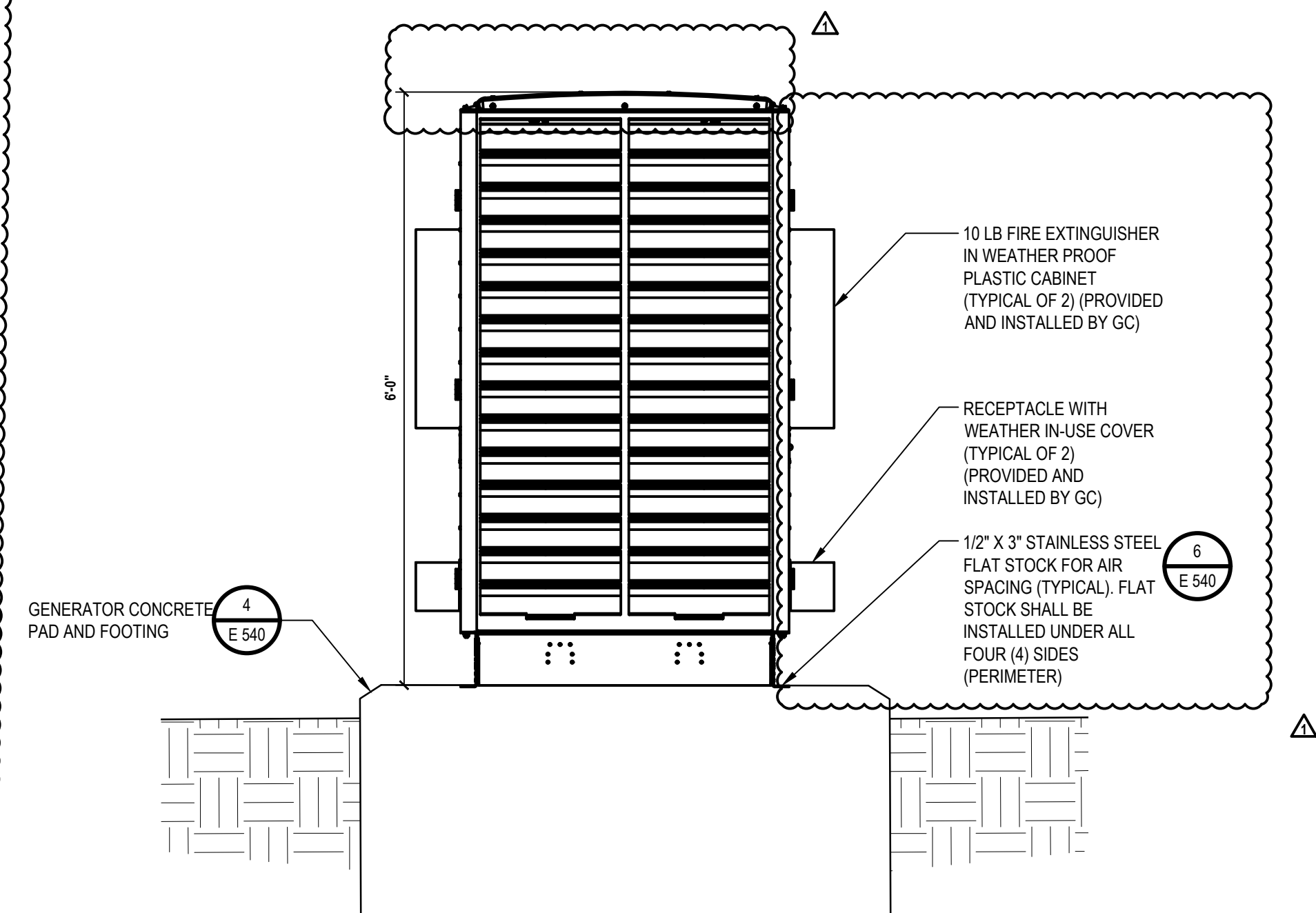
DRAWING No.  
E 140.01



1 Generator Layout Plan  
SCALE:3/4"=1'-0"

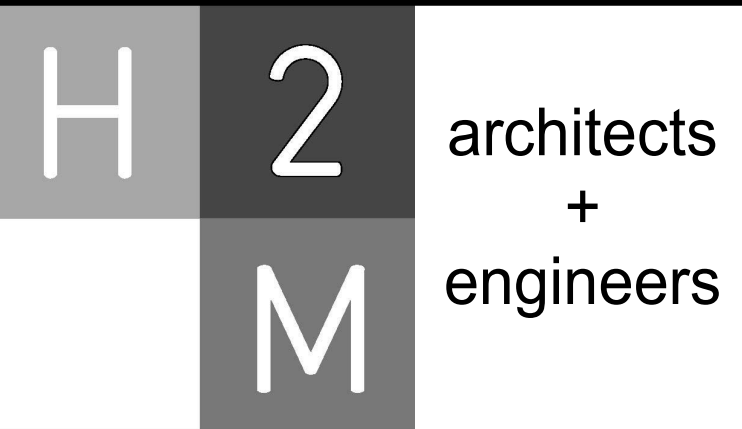
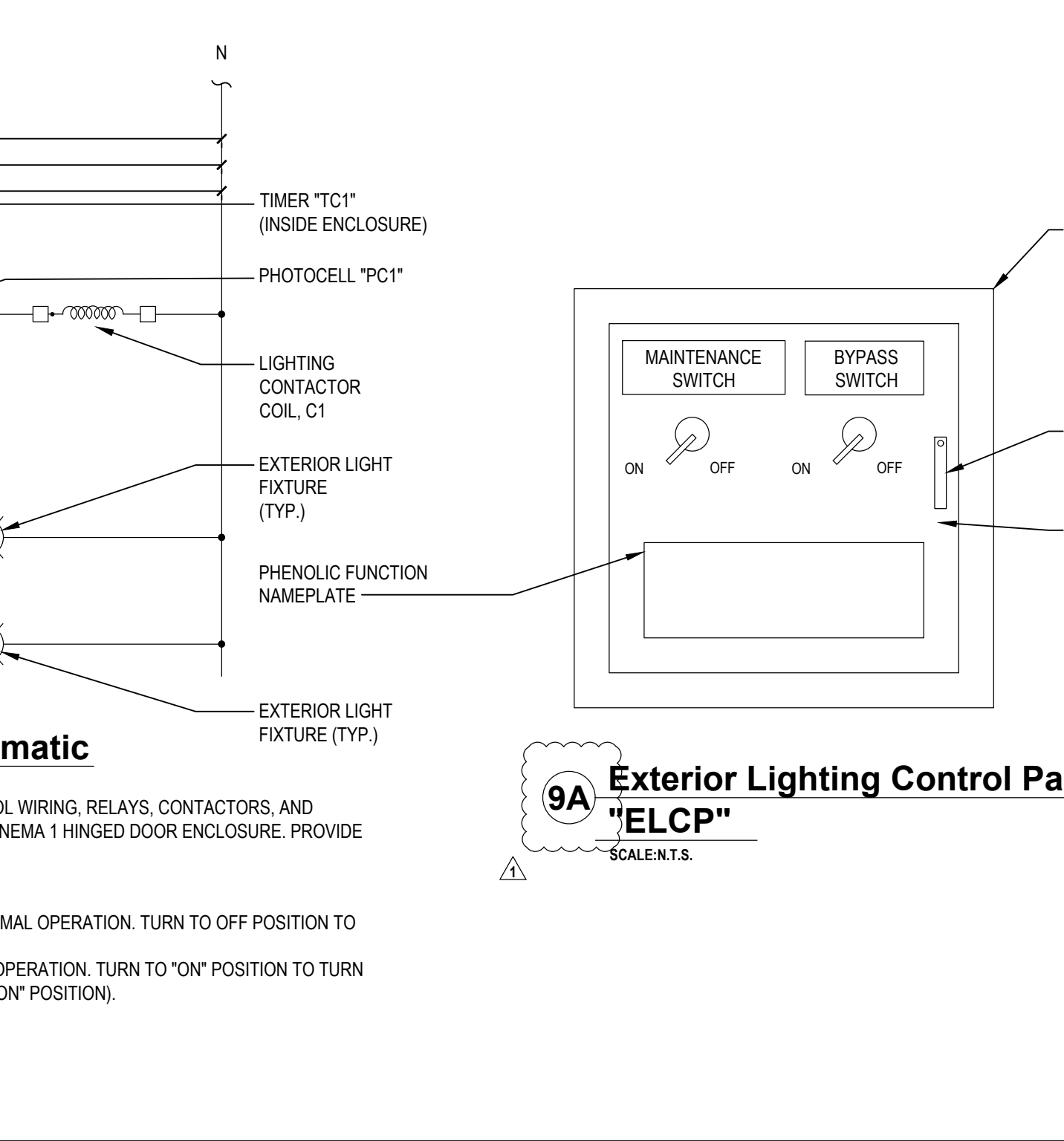
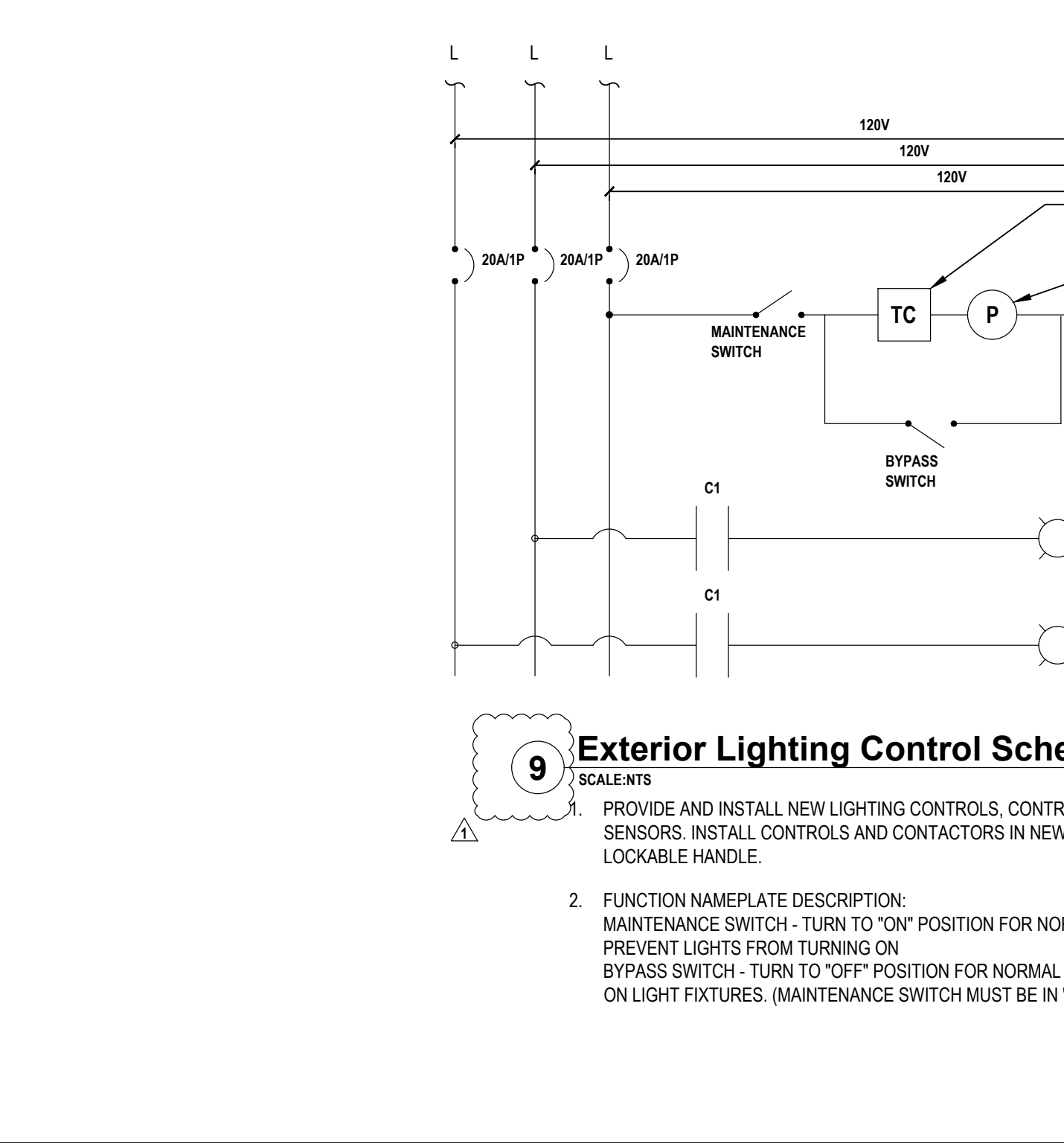
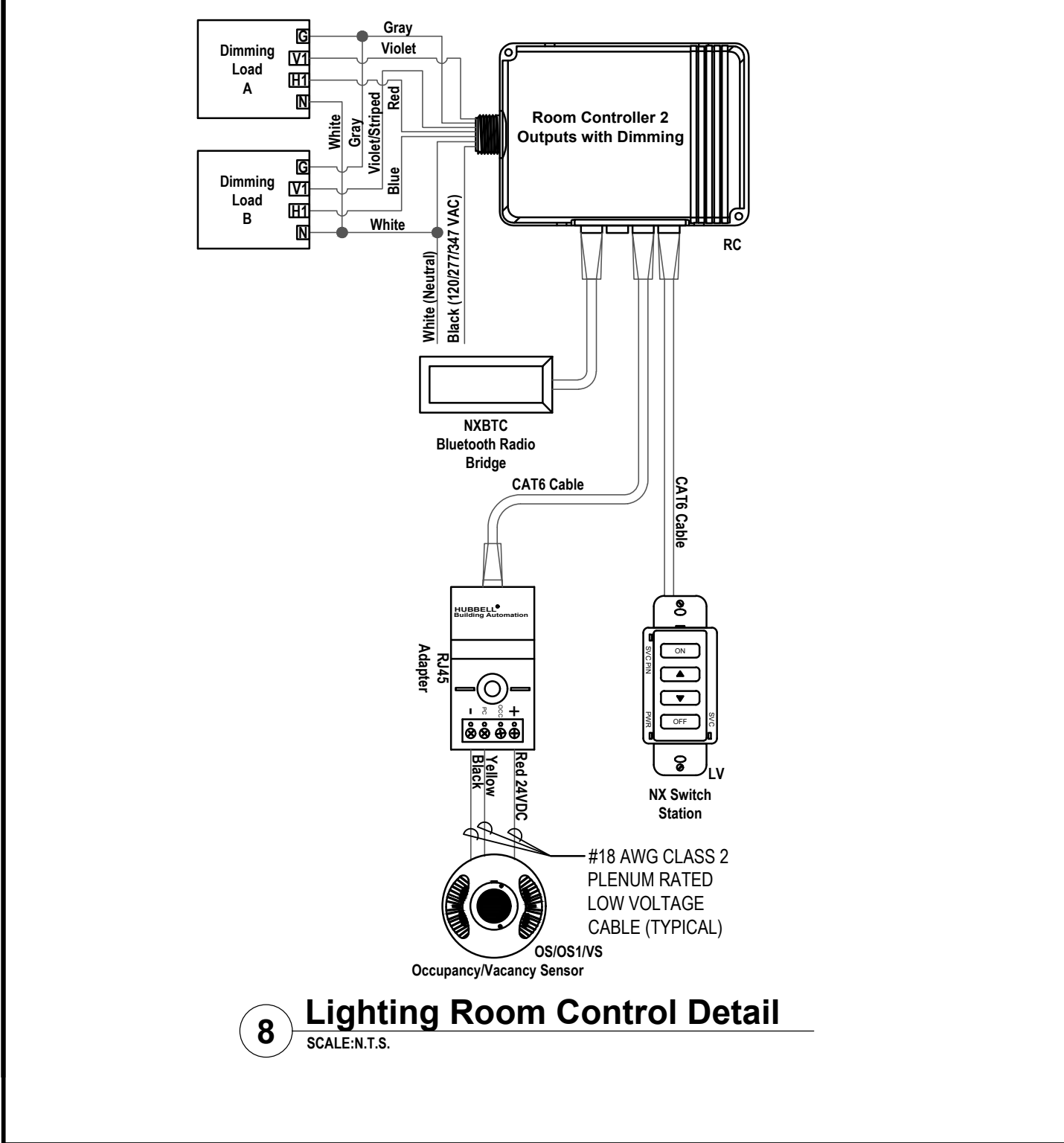
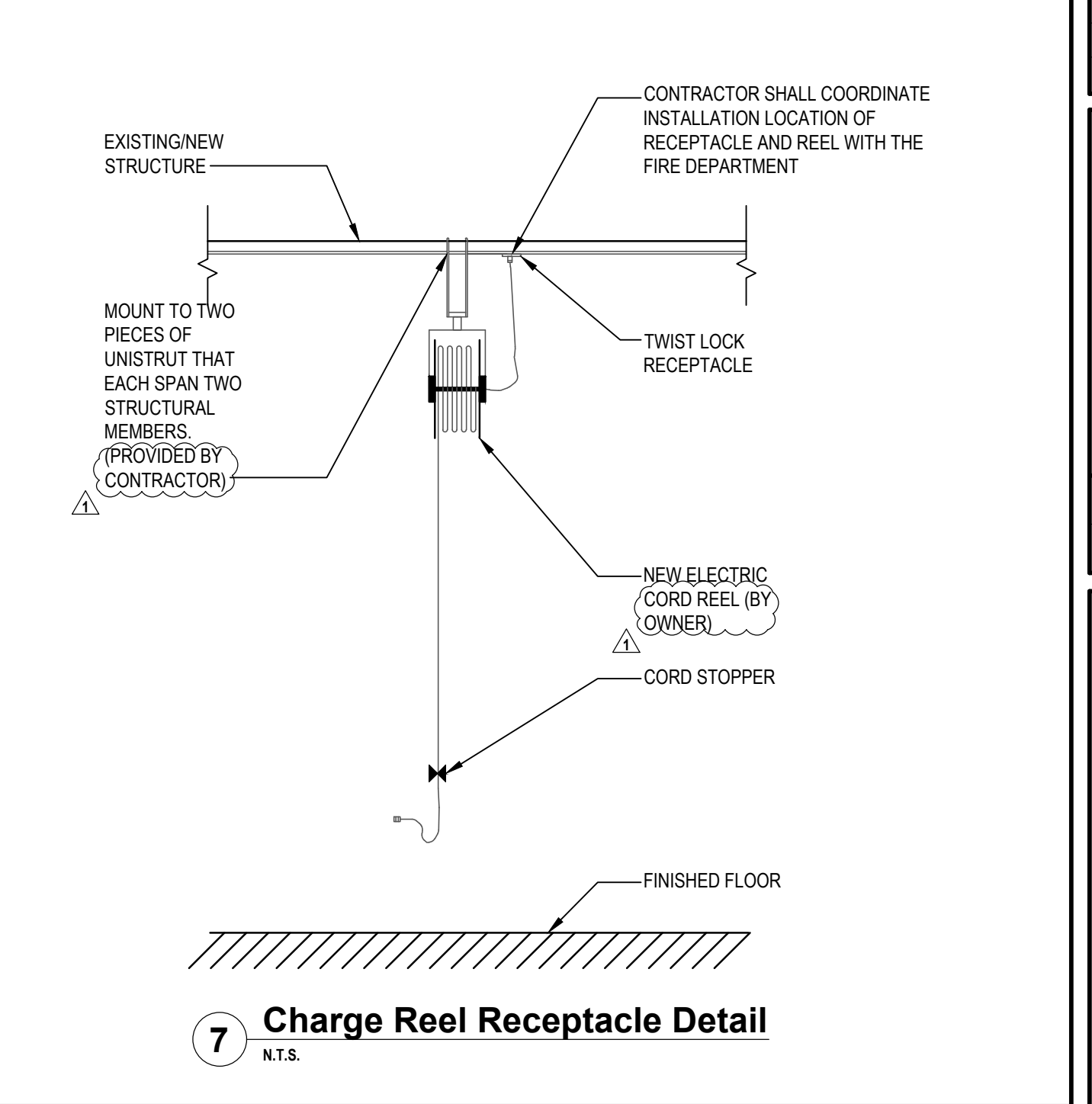
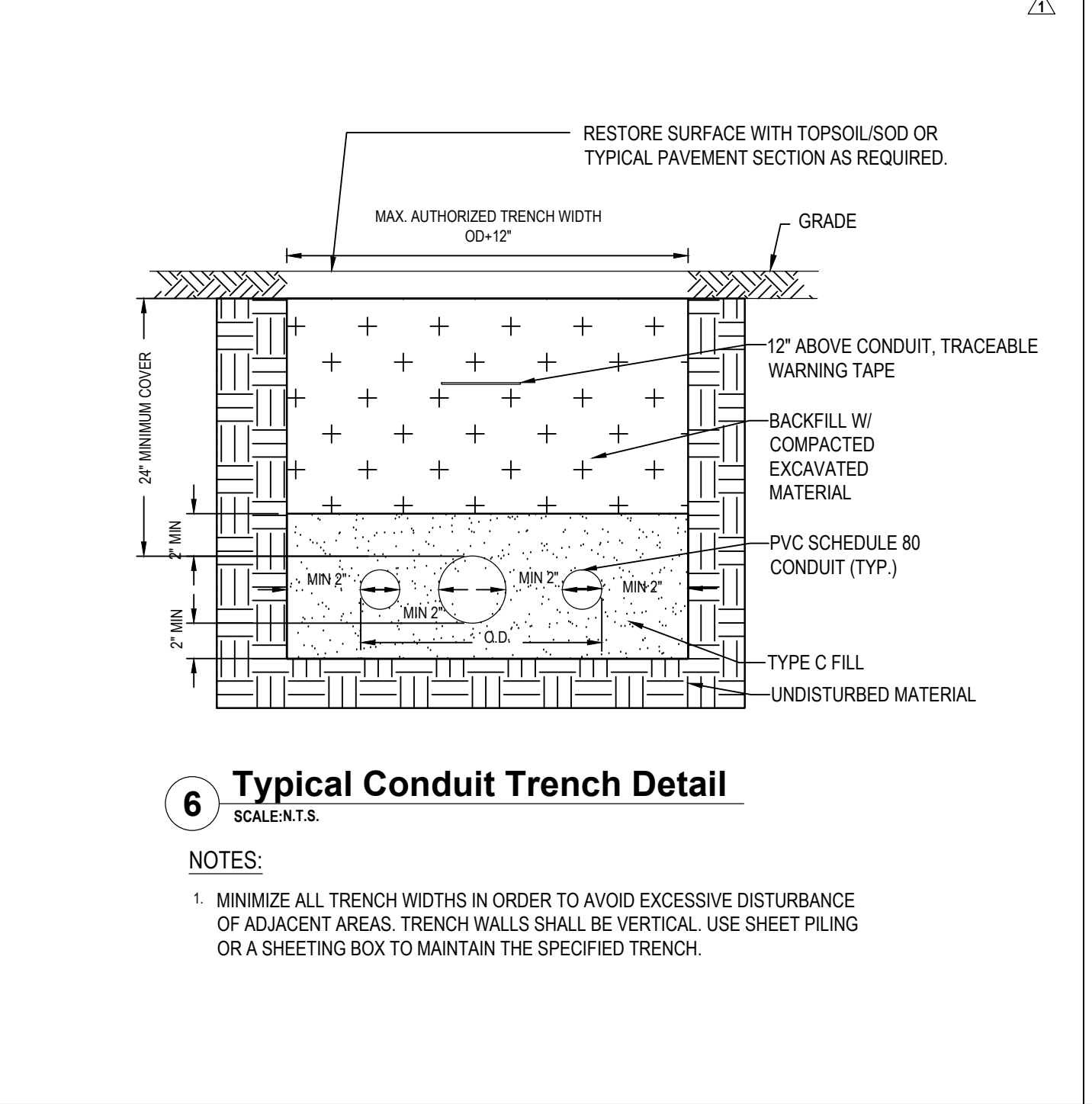
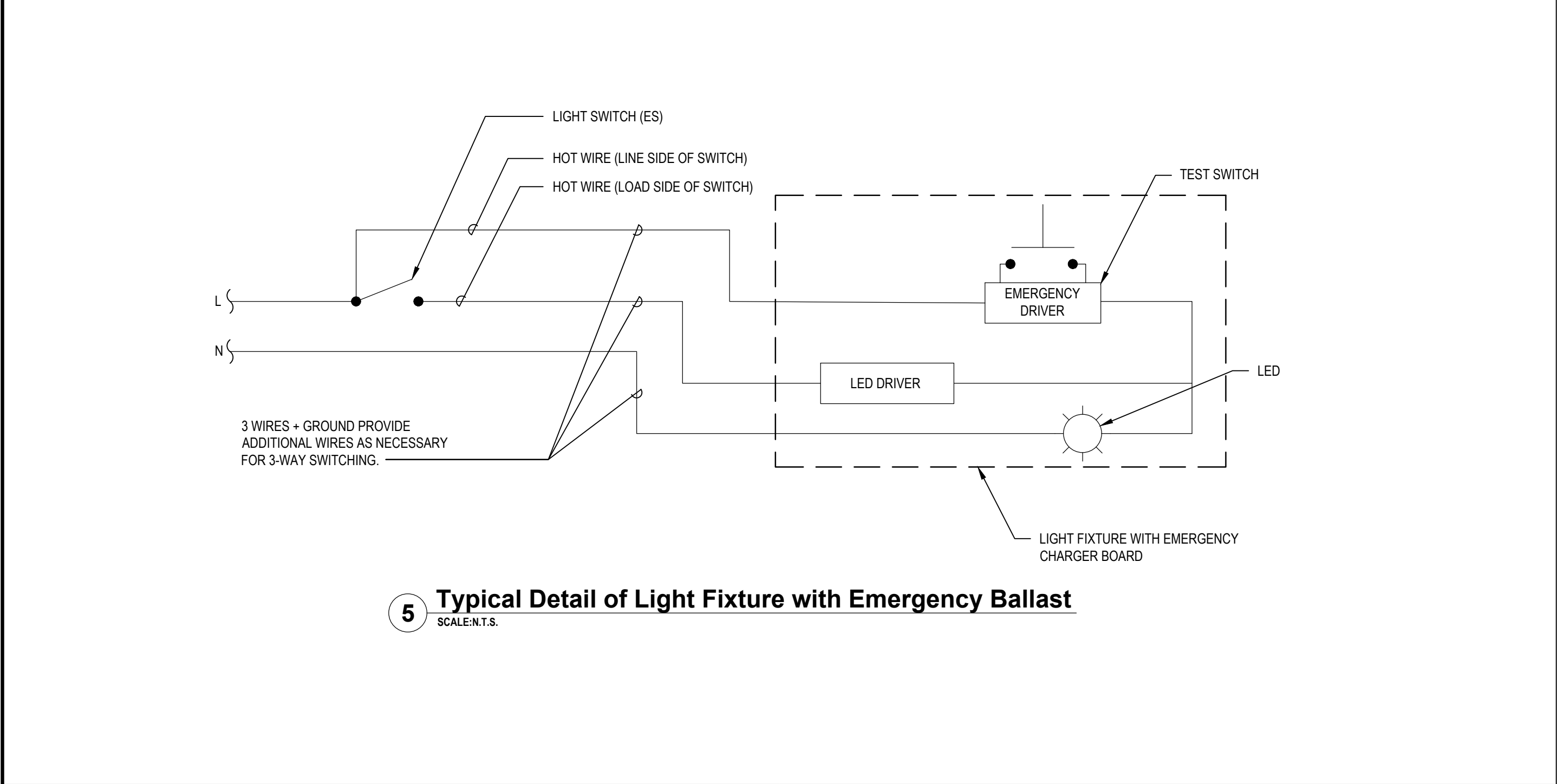
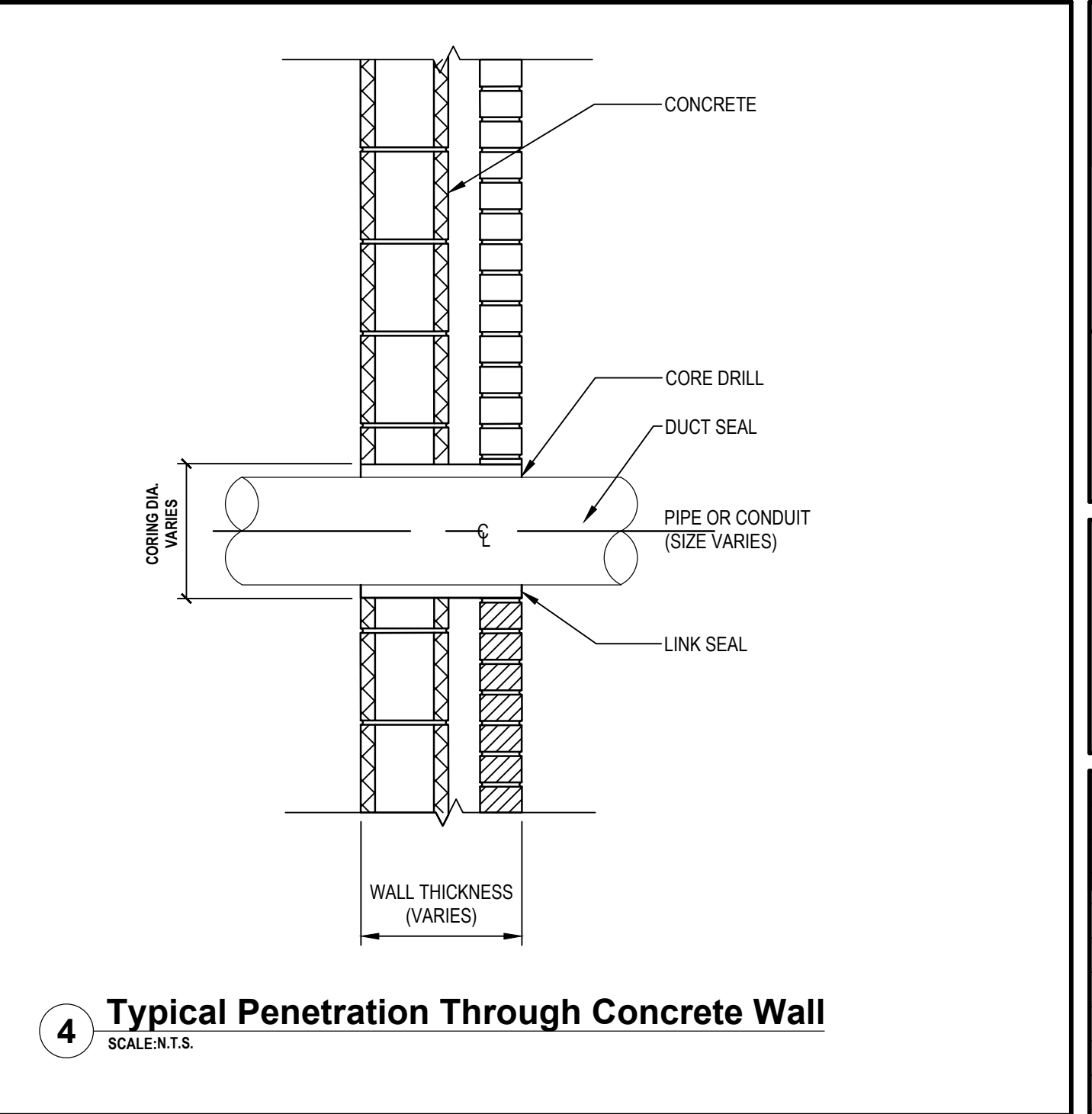
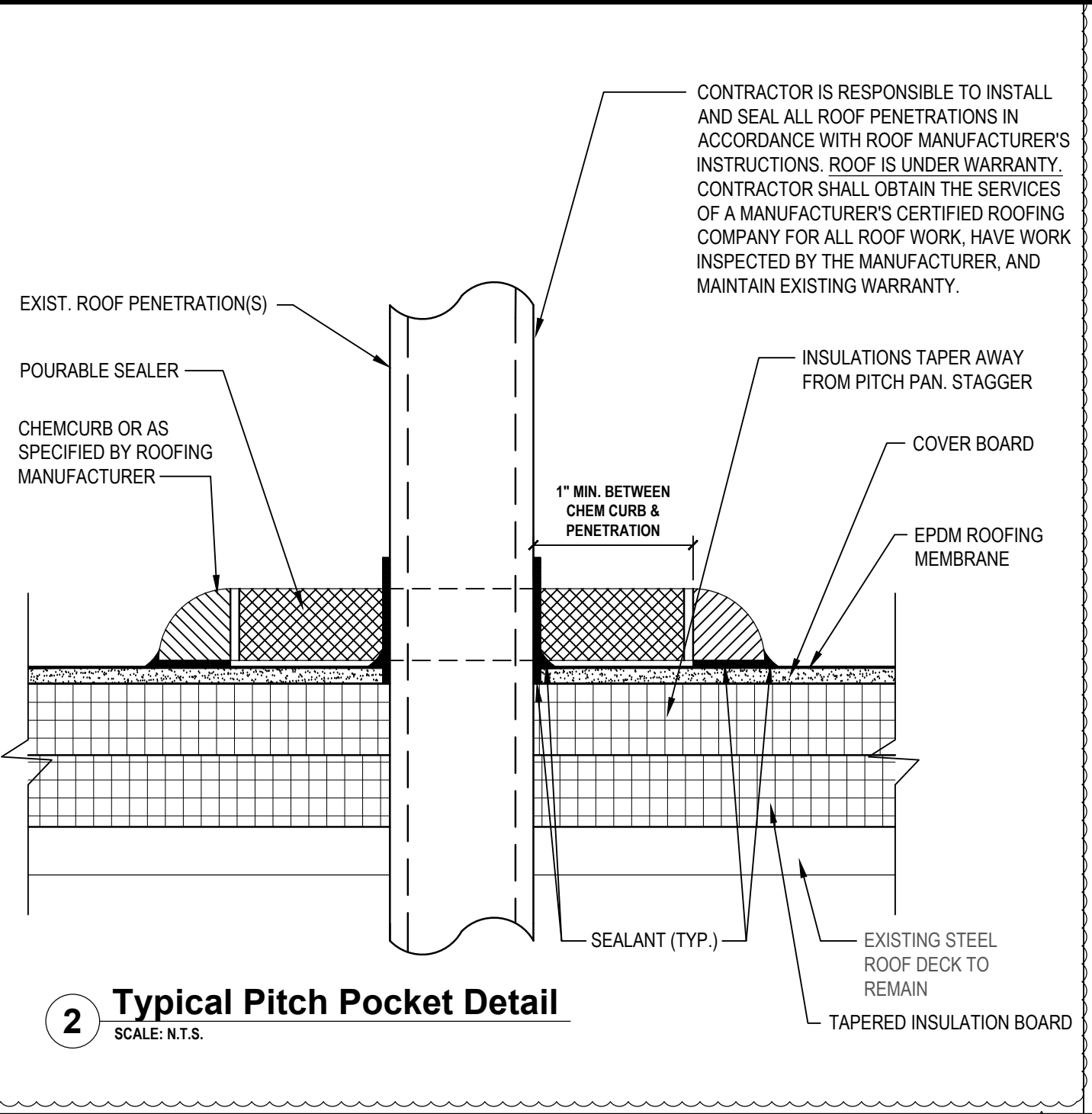
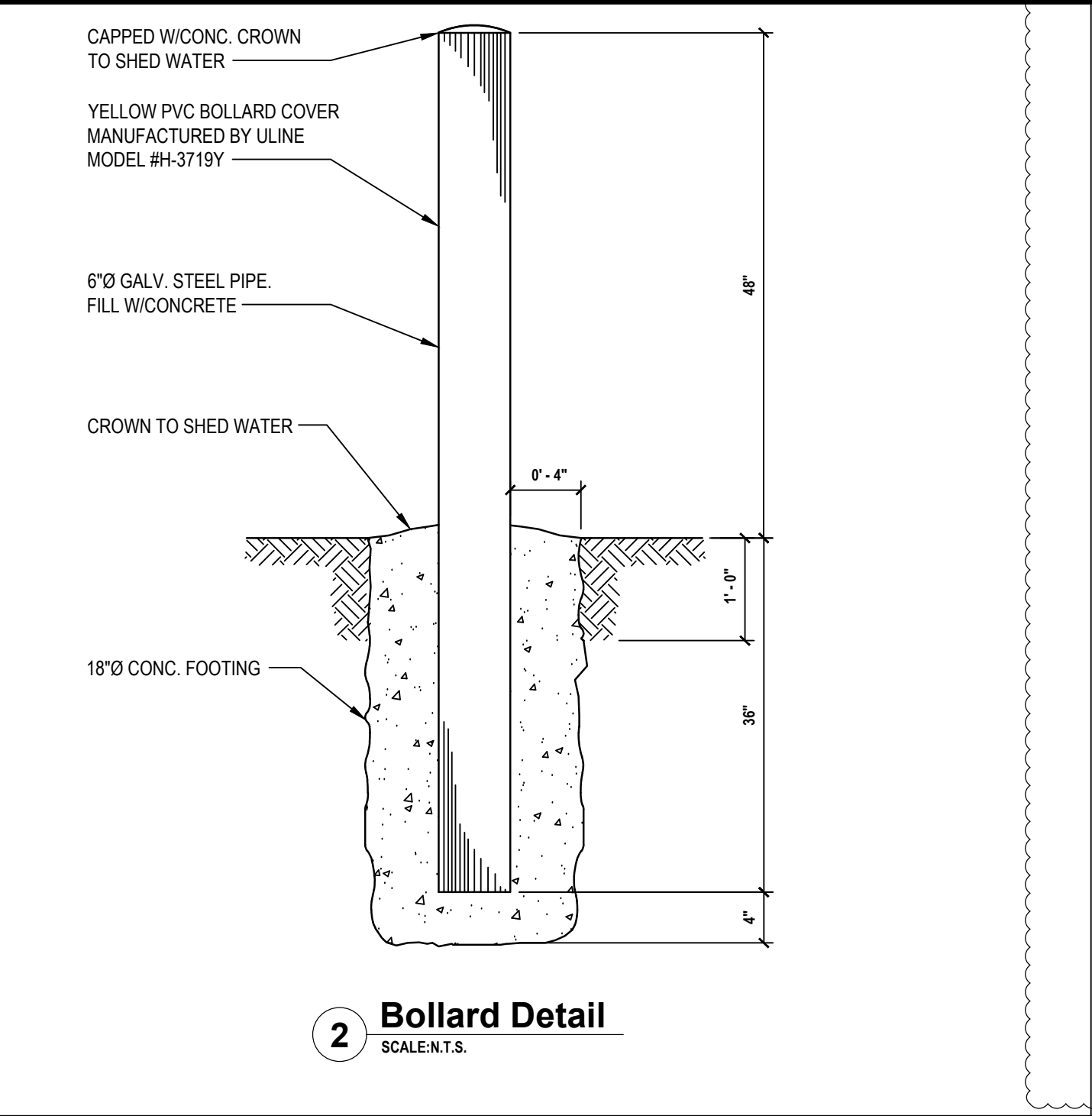
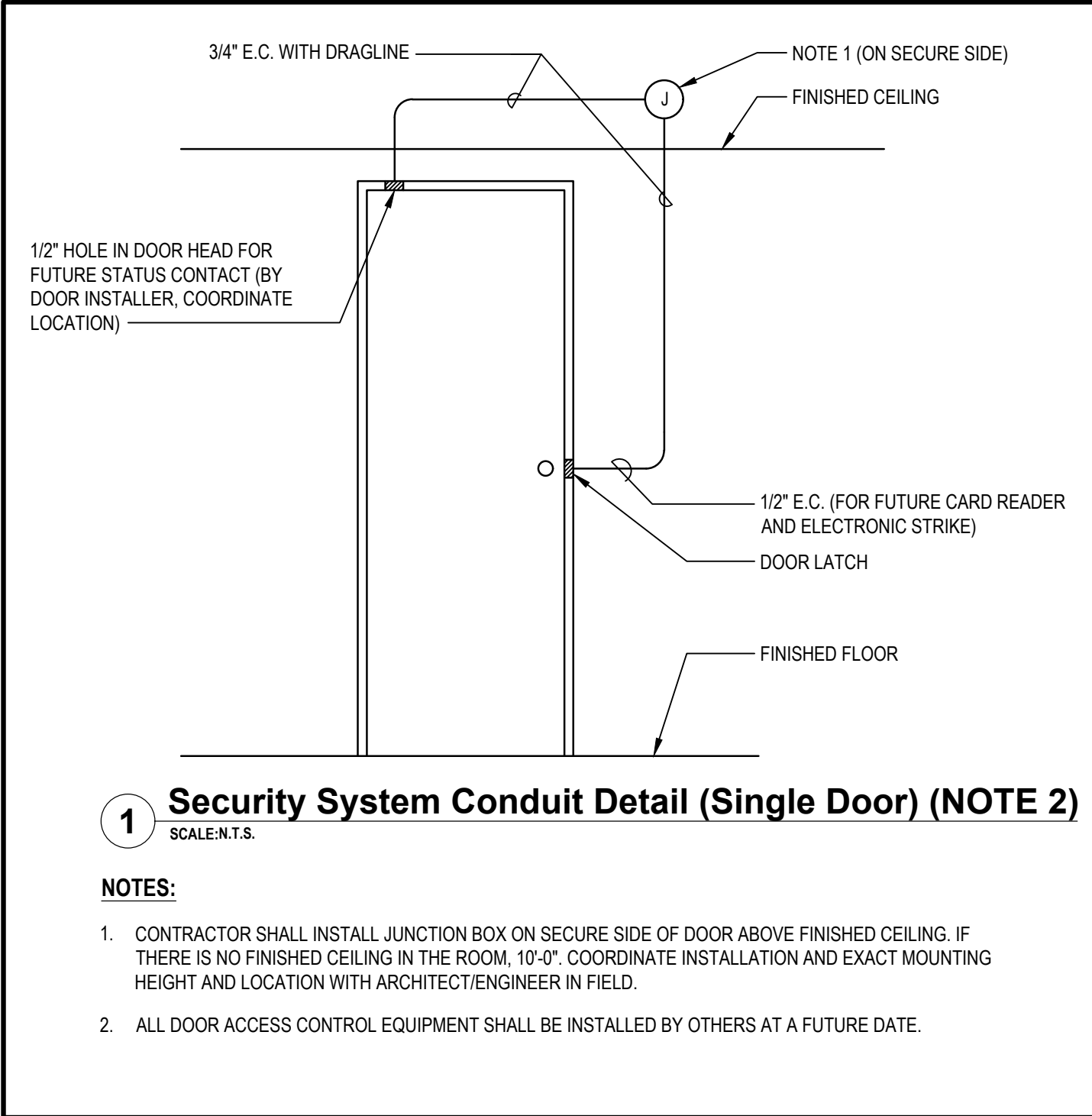


2 Generator Elevation Plan  
SCALE:3/4"=1'-0"



3 Generator Elevation Plan  
SCALE:3/4"=1'-0"





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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

**ELECTRICAL DETAILS**

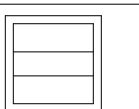
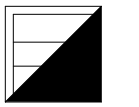




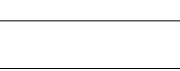












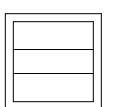
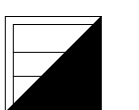







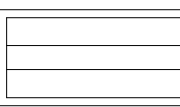
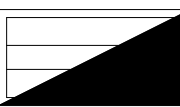


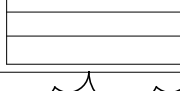
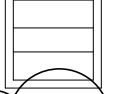
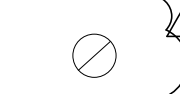
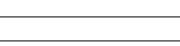







DRAWING No.

**E 500.01**





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-30-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	0	120/1	NEMA 1	20 / 1	H-O-A SWITCH, RUN AND OVERLOAD LIGHT

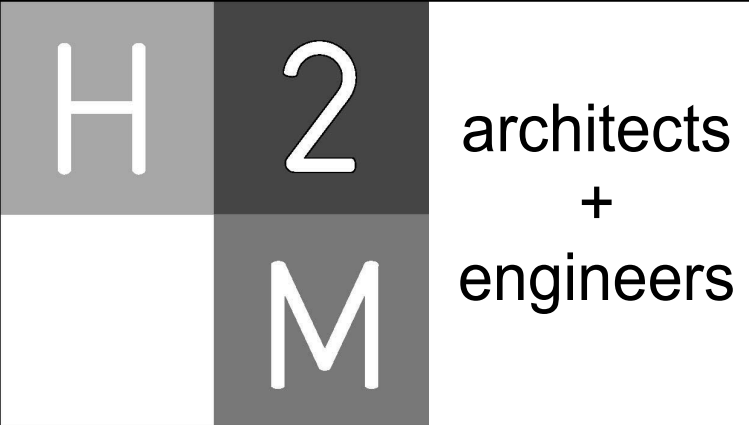
\* MOTOR STARTER SHALL BE FRANKLIN ELECTRIC MODEL NUMBER "BAS" OR APPROVED EQUAL

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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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
ELECTRICAL SCHEDULES

DRAWING No.
E 600.01



Name

Panelboard:

MDP

Manufacturer:

SIEMENS

Panel Type:

P2

NEMA Type Enclosure

1

Voltage:

208Y/120

Mains:

600 A MCB

Mounting:

SURFACE

Phase:

3

Mains Rating:

600 A

Options:

Wire

4

A.I.C. Rating:

65,000

Notes:

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	3	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			8	3	45 A	HACR	RTU-2
				9		4394 VA			4200 VA	10					
				11			3382 VA		4200 VA	12					
GP3		150 A	3	13	5910 VA			3480 VA			14	3	40 A	HACR	RTU-3
				15		4520 VA			3480 VA	16					
				17			4680 VA		3480 VA	18					
GP4		225 A	3	19	8600 VA			1000 VA			20	1	20 A		FIRE ALARM CONTROL PANEL
				21		10632 VA			1176 VA	22					
				23			11139 VA		1176 VA	24					
SURGE SUPPRESSION	--	30 A	3	25	0 VA			180 VA			26	1	20 A		NEW FRONT DOOR MOTOR
				27		0 VA			0 VA	28					
				29			0 VA		0 VA	30					
SPACE	--	--	--	31	0 VA			0 VA			32	--	--	--	SPACE
				33		0 VA			0 VA	34					
				35			0 VA		0 VA	36					
				37	0 VA			0 VA		38					
				39		0 VA		0 VA		40					
				41		0 VA		0 VA		42					
				43	0 VA			0 VA		44					
				45		0 VA		0 VA		46					
ELEVATOR MOTOR DISCONNECT		150 A	3	47			11408 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

B

58.6 kVA

C

54.3 kVA

Total:

171.7 kVA

Amps:

477 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:

GP1

Voltage:

208Y/120

Phase:

3

Wire

4

A.I.C. Rating:

42,000

Manufacturer:

SIEMENS

Mains:

225 A MCB

Mains Rating:

225 A

Panel Type:

P2

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
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
EXISTING DRYER RECEPT.		30 A	2	9		90 VA			180 VA		10	1	20 A		EXISTING WASHING MACHINE...
AS-1		20 A	1	13	780 VA			1080 VA		1080 VA	12	2	20 A		EXISTING GEAR DRYER RECEPT.
HWUH-1		20 A	1	15		1920 VA			1920 VA		14	1	20 A		
HWUH-1		20 A	1	17			1920 VA			1920 VA	16	1	20 A		HWUH-1
HWUH-1		20 A	1	19	1920 VA				696 VA		20	1	20 A		HWUH-1
EF-4		30 A	1	21		1656 VA				500 VA	22	1	20 A		CP-1
				23			1000 VA				24	1	20 A		EXISTING EXHAUST FAN
ECH-1		20 A	3	25	1060 VA				100 VA		26	1	20 A		CP-1
				27		1000 VA				1260 VA	28	1	20 A		SP-1 RESEPT
L-1 & L-2		20 A	1	29			360 VA				30	1	20 A		EXISTING AIR COMPRESSOR
SHORE POWER		20 A	4	31	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 R109		20 A	1	35			360 VA				36	1	20 A		SHAFT RECEPTACLE
EXISTING BOILER STOP		20 A	1	37	180 VA				2160 VA		38	1	20 A		EXISTING BOILER
GD-1		20 A	1	39			180 VA			1368 VA	40	1	20 A		EXISTING BOILER PUMPS
S.PARE	--	20 A	1	41				0 VA			42	1	20 A	--	S.PARE

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

L.O - Handle Lock-off Device

ST - Shunt Trip Type

AUX - Auxiliary Contacts

PA - Handle Padlock Attachment

GFD - 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)

<b>Name</b>				<b>Voltage:</b>	208Y/120			<b>Phase:</b>	3			<b>Wire</b>	4			<b>A.I.C. Rating:</b>	42,000		
<b>Manufacturer:</b>	SIEMENS			<b>Mains:</b>	150 A MCB			<b>Mains Rating:</b>	150 A										
<b>Panel Type:</b>	P2			<b>Mounting:</b>	SURFACE			<b>Options:</b>											
<b>NEMA Type Enclosure</b>	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.		20 A	1	1	1620 VA			360 VA			2	1	20 A		TV RECEPT.
LOBBY 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 BTHRM 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	545 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			26	--	--	--	SPACE
SPACE	--	--	--	27		0 VA			0 VA		28	--	--	--	SPACE
SPACE	--	--	--	29			0 VA			0 VA	30	--	--	--	SPACE
SPACE	--	--	--	31	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			38	--	--	--	SPACE
				39			0 VA			0 VA	40	--	--	--	SPACE
GENERATOR ACCESSORIES	--	20 A	1	41			0 VA			0 VA	42	--	--	--	SPACE

1

**Connected Totals:**

A	5.3 kVA
B	4.4 kVA
C	3.4 kVA
<b>Total:</b>	<b>13.1 kVA</b>
<b>Amps</b>	<b>36 A</b>

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

**Breaker Option**

AS - Powerlink AS Breaker

LO - Handle Lock-off Device

ST - Shunt Trip Type

AUX - Auxiliary Contacts

PA - Handle Padlock Attachment

GFOI - Ground Fault Circuit Interrupter

HACR - Heating, A/C & Refrigeration

SF - Subfeed

TC - Time Clock Control

<b>Name</b>		<b>Panelboard:</b>		<b>GP3</b>	<b>Voltage:</b>		<b>208Y/120</b>	<b>Phase:</b>	<b>3</b>	<b>Wire</b>	<b>4</b>	<b>A.I.C. Rating:</b>	<b>42,000</b>
<b>Manufacturer:</b>		<b>SIEMENS</b>			<b>Mains:</b>		<b>150A MCB</b>	<b>Mains Rating:</b>		<b>150 A</b>			
<b>Panel Type:</b>		<b>P2</b>			<b>Mounting:</b>		<b>SURFACE</b>	<b>Options:</b>		<b>Notes:</b>			
<b>NEMA Type Enclosure</b>		<b>1</b>											

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	Y	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 ROOM RECEPT.		20 A	1	8			540 VA			900 VA	6	1	20 A		TRAINING RM RECEPT.
WOMENS TOILET HAND DRYER	GFCI	20 A	1	7	1050 VA			360 VA			8	1	20 A		WOMENS TOILET RECEPT.
EXISTING MEETING RM RECEPT.		20 A	1	9		540 VA			180 VA		10	1	20 A		EXISTING PROJECTOR RECEPT.
EXISTING MEMBERS RM RECEPT.		20 A	1	11			1080 VA			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	28 A		TRAINING ROOM LTG.
EXISTING TROPHY CASE LTG.		20 A	1	21		1000 VA			1000 VA		22	1	28 A		EXISTING CUH
SPACE	--	--	--	23	0 VA		0 VA	0 VA		0 VA	24	--	--	--	SPACE
SPACE	--	--	--	25	0 VA						26	--	--	--	SPACE
SPACE	--	--	--	27	0 VA					0 VA	28	--	--	--	SPACE
SPACE	--	--	--	29	0 VA		0 VA			0 VA	30	--	--	--	SPACE


<p><b>Connected Totals:</b></p> <p><b>A</b>    5.9 KVA</p> <p><b>B</b>    4.5 KVA</p> <p><b>C</b>    4.7 KVA</p> <p><b>Total:</b>    15.1 KVA</p> <p><b>Amps:</b>    42 A</p>	<p><u><b>Breaker Option</b></u></p> <p>AS - Powerlink AS Breaker</p> <p>LO - Handle Lock-off Device</p> <p>ST - Shunt Trip Type</p> <p>AUX - Auxiliary Contacts</p> <p>PA - Handle Padlock Attachment</p> <p>GFCI - Ground Fault Circuit Interrupter</p> <p>HACR - Heating, A/C &amp; Refrigeration</p> <p>SF - Subfeed</p> <p>TC - Time Clock Control</p>
---	--

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

<b>Name</b>			
<b>Panelboard:</b>	<b>GP4</b>	<b>Voltage:</b>	<b>208Y/120</b>
<b>Mainframe:</b>	<b>SIEMENS</b>	<b>Mains:</b>	<b>225A MCB</b>
<b>Panel Type:</b>	<b>P2</b>	<b>Mains Rating:</b>	<b>225 A</b>
<b>NEMA Type Enclosure</b>	<b>NEMA1</b>	<b>Options:</b>	

<b>Wire</b>	<b>4</b>	<b>A.I.C. Rating:</b>	<b>42,000</b>
<b>Mounting:</b>	<b>RECESSED</b>	<b>Notes:</b>	



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**CONSULTANTS:**

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

**CLIENT**

# VILLAGE OF MOUNT KISCO

## ADDITIONS AND ALTERATIONS TO MUTUAL STATION



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

**CONTRACT**

**CONTRACT G**  
**GENERAL CONSTRUCTION**

STATUS
--------

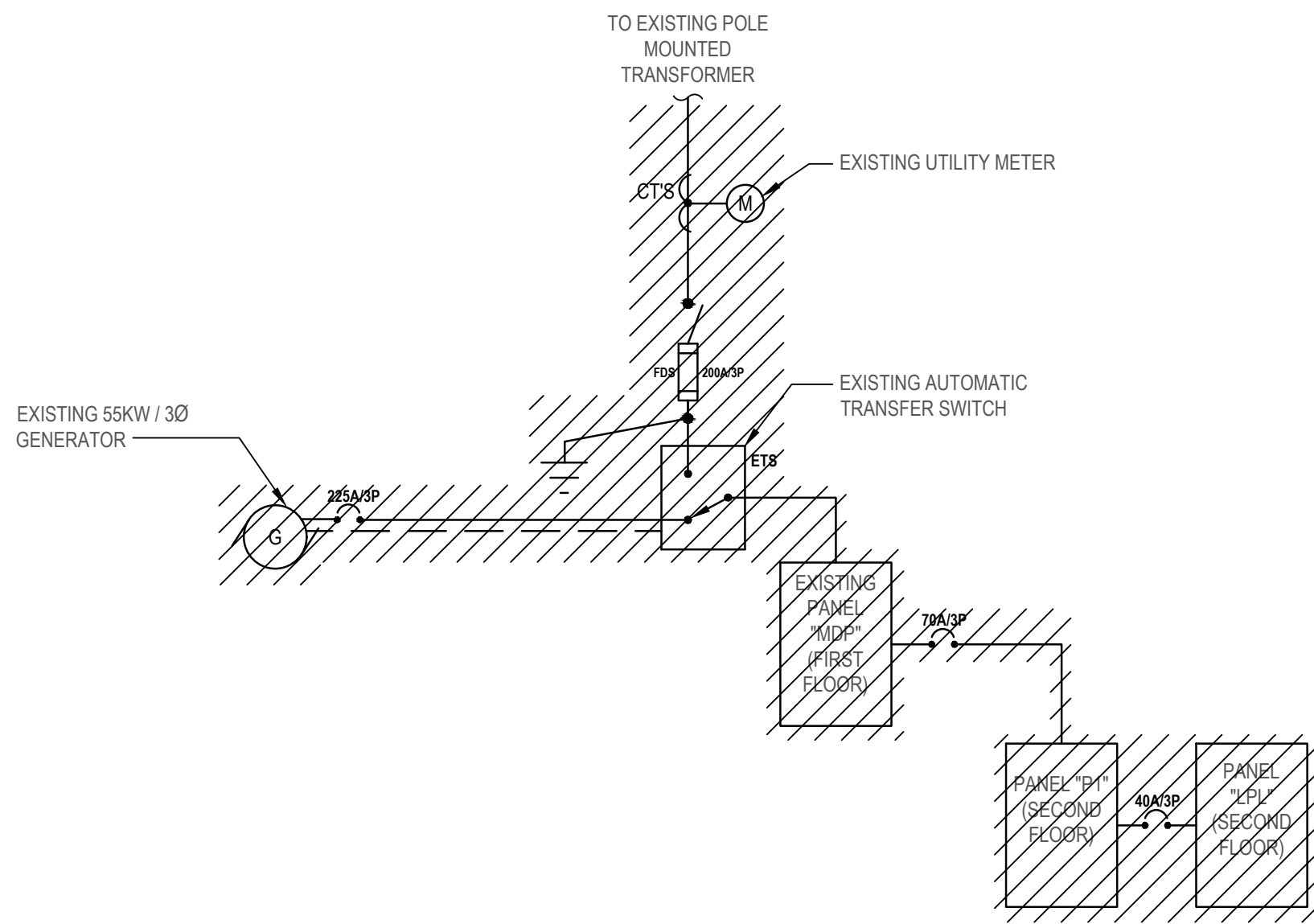
## CONSTRUCTION DOCUMENTS

**SHEET TITLE**

## ELECTRICAL PANEL SCHEDULES

DRAWING No.

## E 601.01



1 Electrical Partial Existing Single Line Diagram (NOTE SL1)  
SCALE: NTS

TRANSFER SWITCH SCHEDULE						
TRANSFER SWITCH IDENTIFICATION	TYPE	ENCLOSURE	VOLTS	PHASE	POLES	AMPS
ATS1	AUTOMATIC	NEMA 1	208	3Ø	4	600A

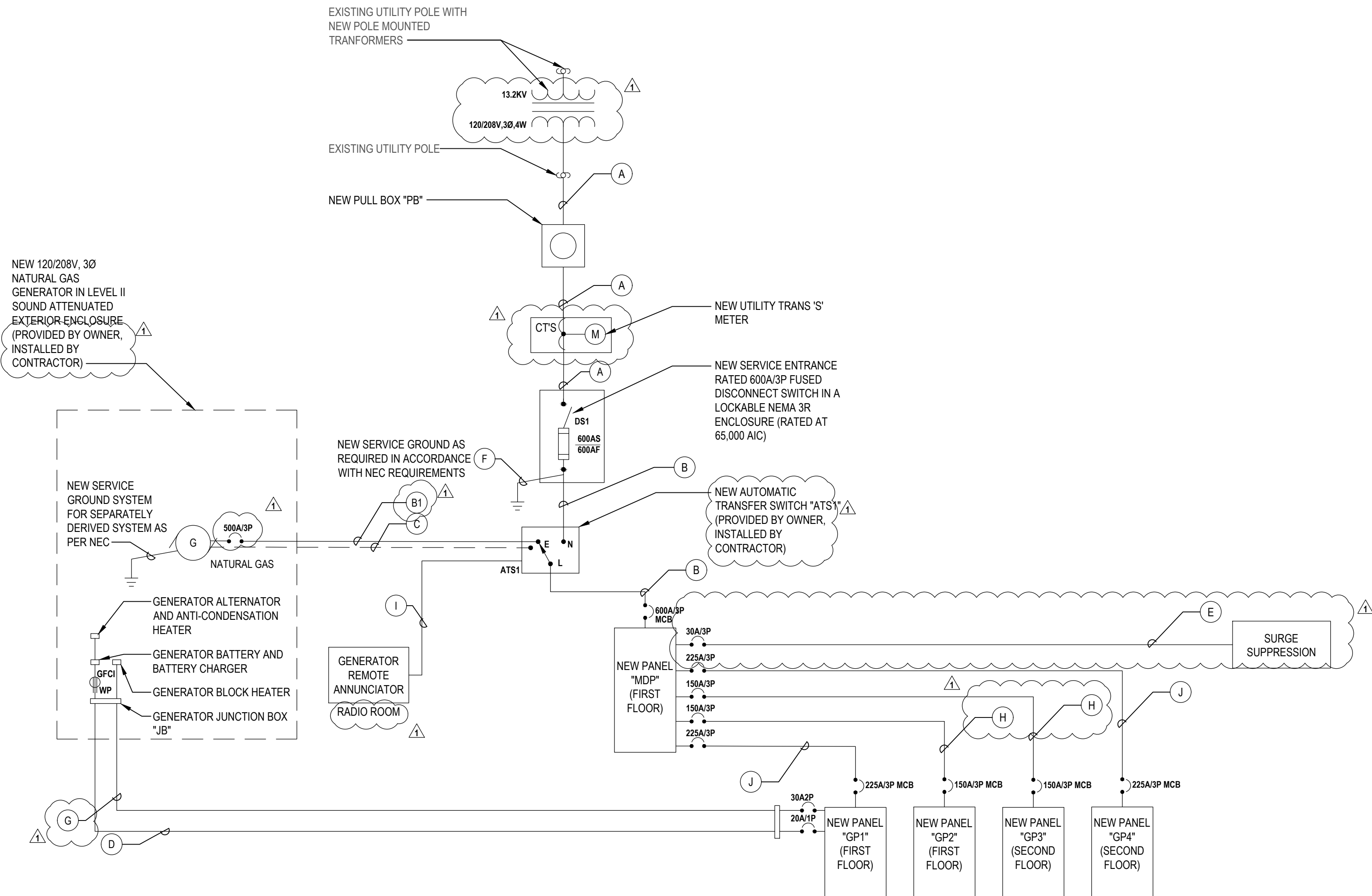
DISCONNECT SWITCH SCHEDULE						
DISCONNECT SWITCH IDENTIFICATION	TYPE	ENCLOSURE	VOLTS	POLES	FRAME SIZE AMPS	FUSE RATING
DS1	FUSED	NEMA 1	240	4*	600A	600A

\* SERVICE ENTRANCE RATED

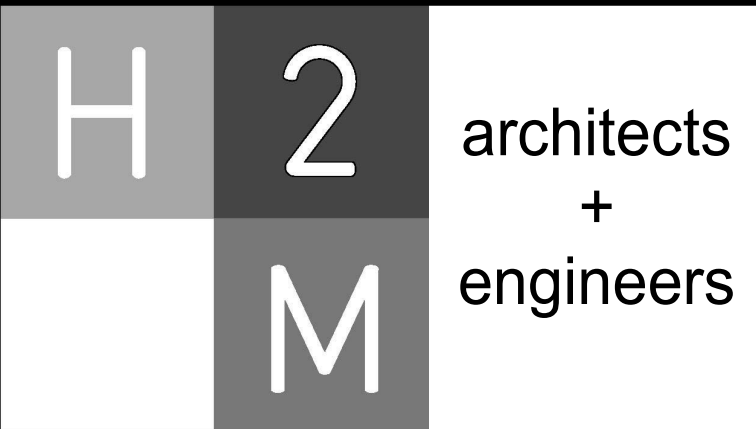
SINGLE LINE DIAGRAM FEEDER SCHEDULE	
FEEDER	CONDUCTOR AND CONDUITS FEEDER SCHEDULE
A	2 SETS OF 4-350 MCM IN (2) 3-1/2" E.C. (PVC SCHEDULE 80)(EXTERIOR)
B	2 SETS OF 4-350 MCM + #1 AWG GND IN (2) 4" E.C.
B1	2 SETS OF 4-250 MCM + #4 AWG GND IN (2) 3" E.C.
C	1Ø #14 AWG + BELDEN '9279' CABLE 1" E.C. (PVC SCHEDULE 80)(EXTERIOR) AND 1" EMT (INTERIOR)
D	2 #12 AWG + #12 AWG GND IN 3/4" E.C. (FOR BATTERY CHARGER, ANTI-CONDENSATION HEATER, AND RECEPTACLES) PVC SCHEDULE 80 (EXTERIOR) AND EMT (INTERIOR)
E	4 #10 AWG + #10 AWG GND IN 3/4" E.C.
F	NEW SERVICE GROUND FOR SEPARATELY DERIVED SYSTEM AS PER NEC.
G	2 #10 AWG + #10 AWG GND IN 3/4" PVC SCHEDULE 80 (EXTERIOR) AND EMT (INTERIOR) (BLOCK HEATER)
H	4 #10 AWG + #6 AWG GND IN 2" E.C.
I	BELDEN '9279' CABLE IN 3/4" E.C. (RUN CONTINUOUS FROM GENERATOR)
J	4 #4/0 AWG + #4 AWG GND IN 3" E.C.

SINGLE LINE DIAGRAM NOTES:

SL1. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SHUTDOWN WITH CON EDISON AND THE CLIENT AS REQUIRED. CONTRACTOR SHALL COMPLETE ALL APPLICATIONS AND PAY RELATED FEES REQUIRED FOR SHUTDOWN.



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



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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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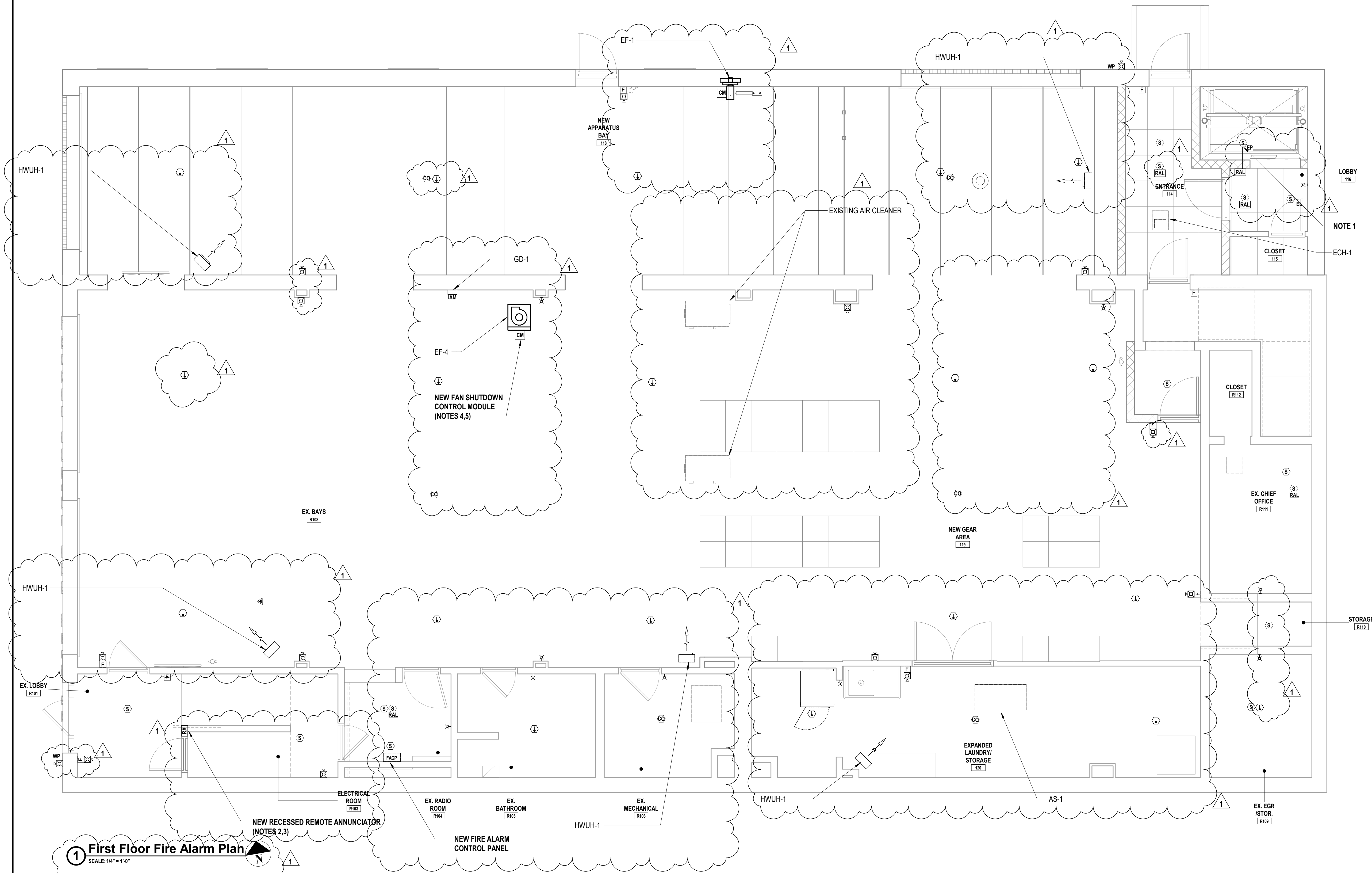
STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL SINGLE LINE DIAGRAM

DRAWING No.
E 610.01

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

FIRE ALARM LEGEND		
SYMBOL	DESCRIPTION	COMMENTS
	FIRE ALARM CONTROL PANEL.	
	REMOTE ANNUNCIATOR WITH BACKBOX.	
	SMOKE DETECTOR.	
	SMOKE DETECTOR WITH CARBON MONOXIDE AND LOCAL TEMPORAL "4" 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, "RT" DENOTES RETURN.	
	HEAT DETECTOR.	
	HEAT DETECTOR 200".	
	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.	



**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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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**

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

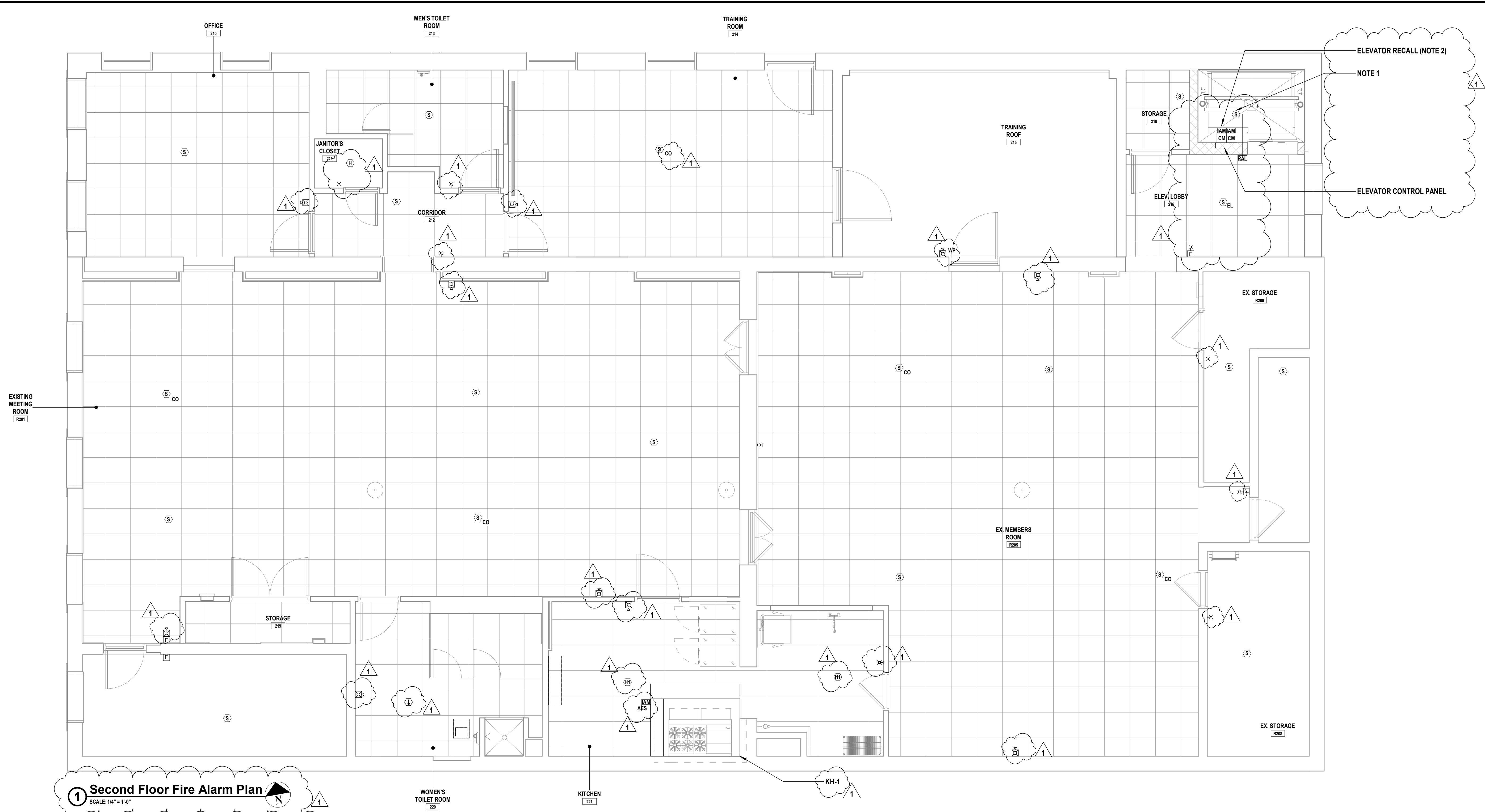
CONTRACT  
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GENERAL CONSTRUCTION**

STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**FIRE ALARM PLAN FIRST FLOOR**

DRAWING No.  
**FA 101.01**



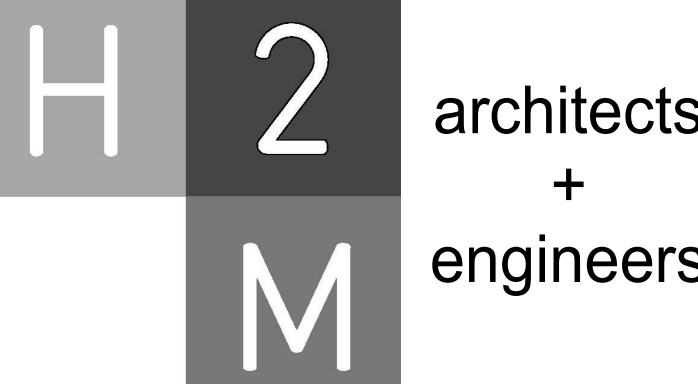


# **1 Second Floor Fire Alarm Plan**

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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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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**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**FIRE ALARM PLAN  
SECOND FLOOR**

DRAWING No.  
**FA 102.01**

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION



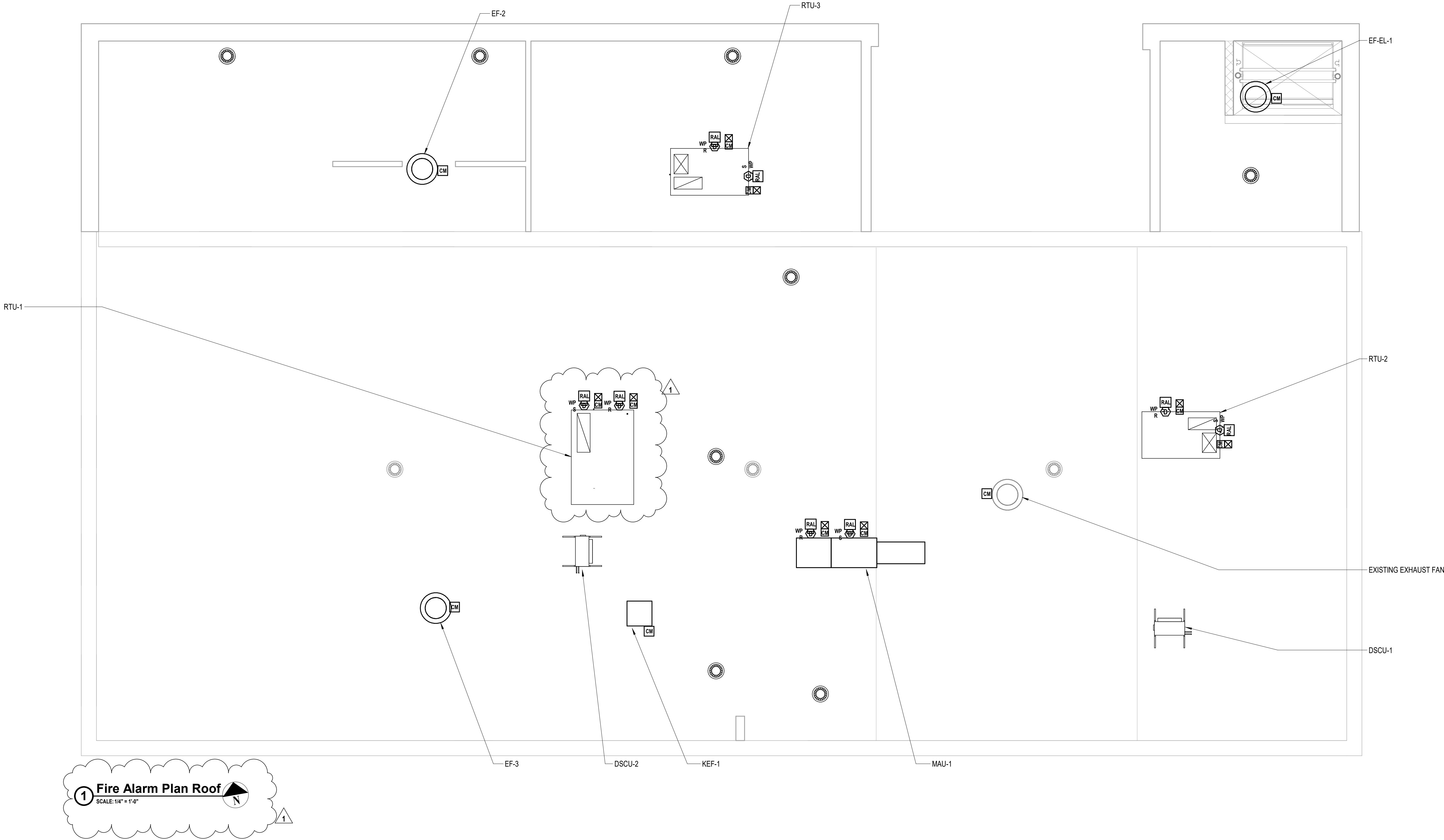
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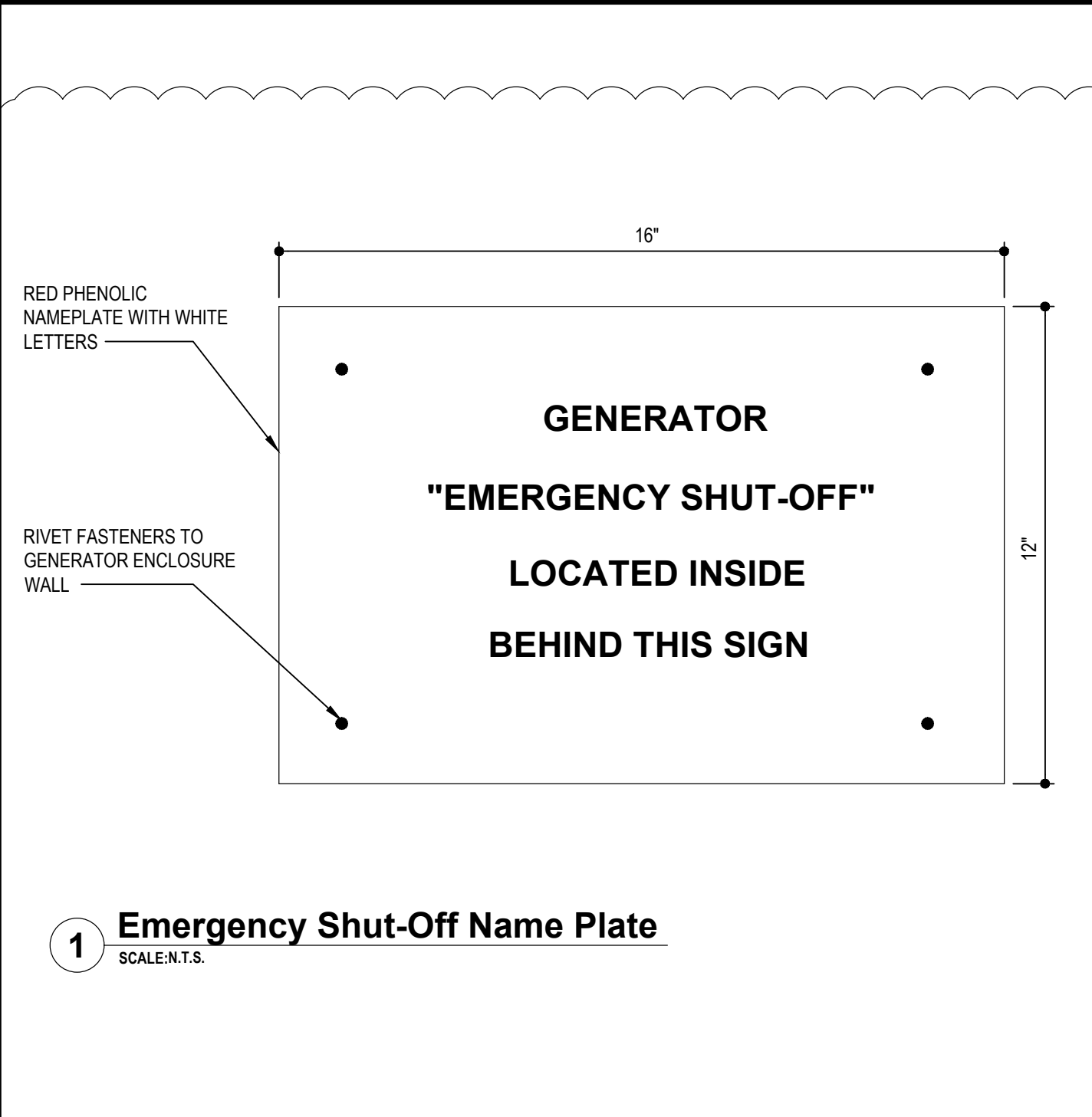
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CONTRACT G  
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STATUS  
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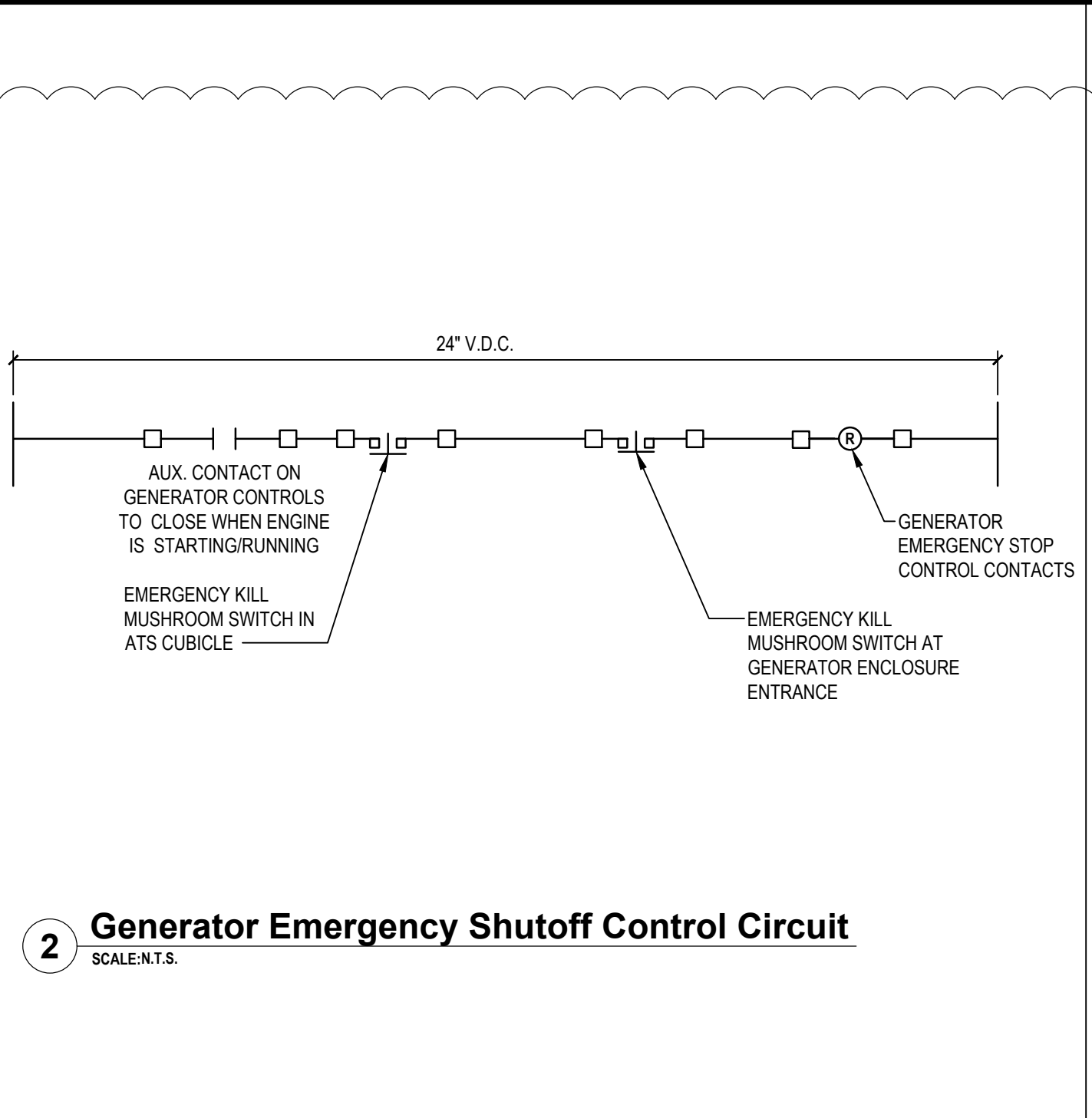
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1  
FIRE ALARM PLAN ROOF

DRAWING No.  
FA 103.01

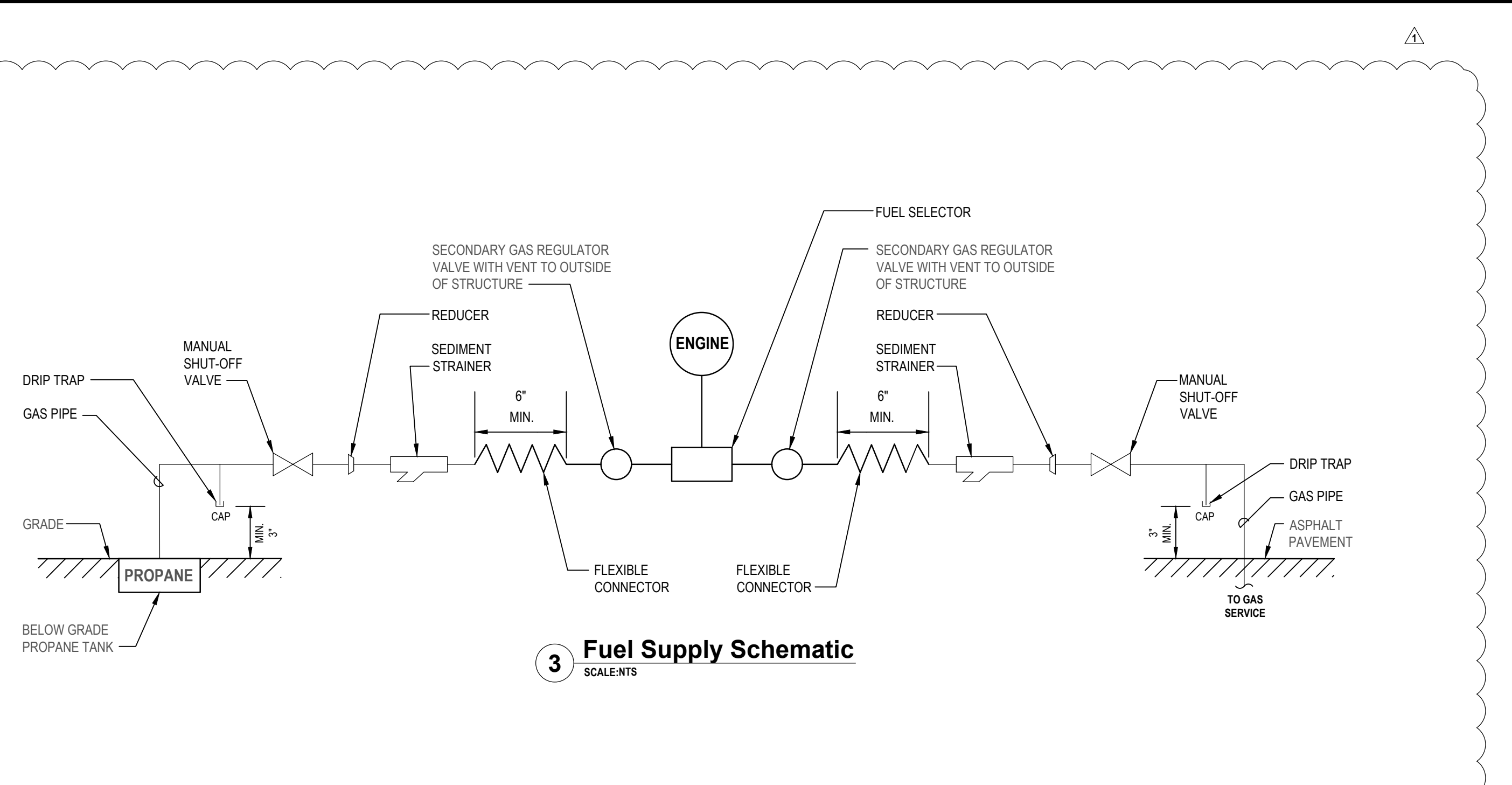




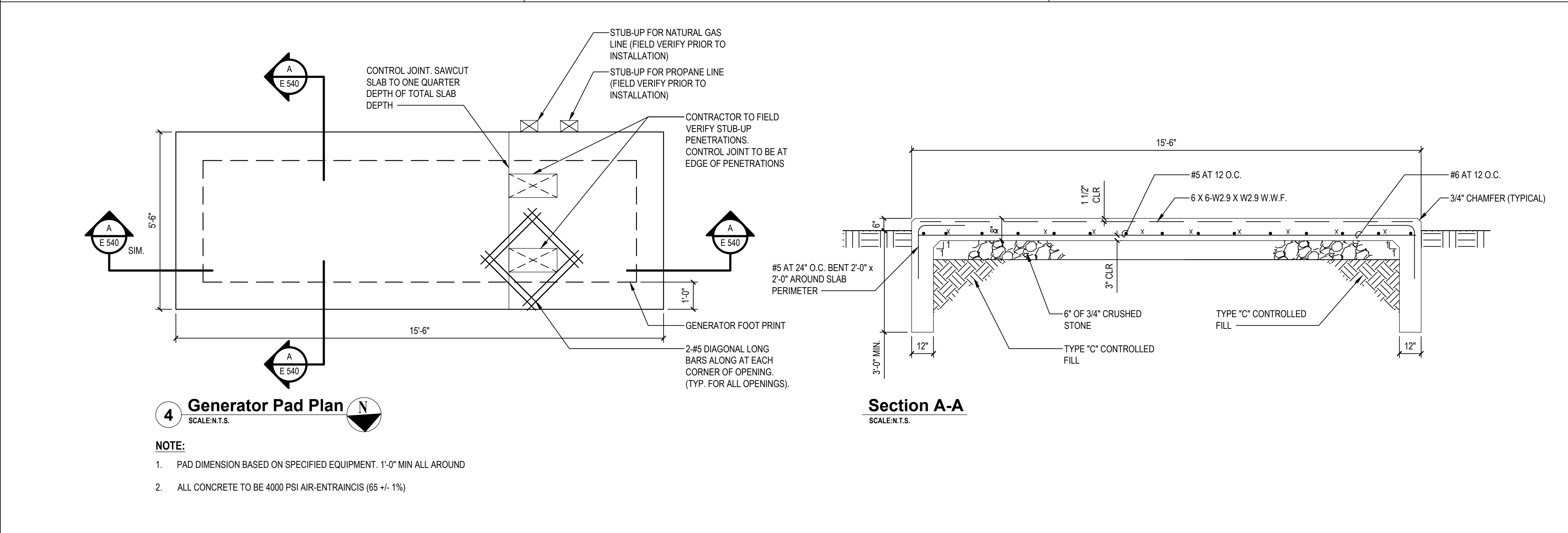
1 Emergency Shut-Off Name Plate  
SCALE: N.T.S.



2 Generator Emergency Shutoff Control Circuit  
SCALE: N.T.S.



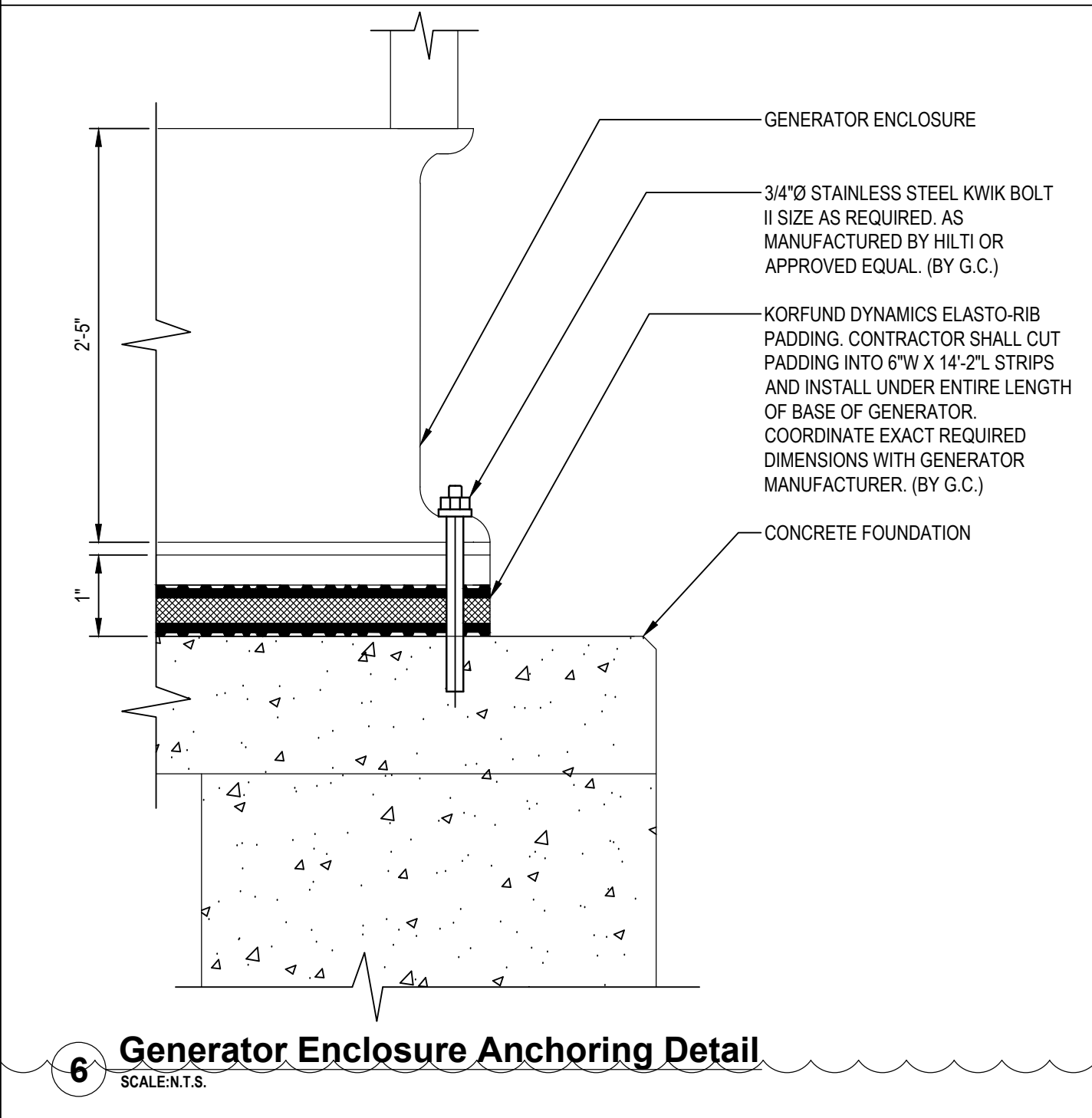
3 Fuel Supply Schematic  
SCALE: N.T.S.



4 Generator Pad Plan  
SCALE: N.T.S.

Section A-A  
SCALE: N.T.S.

5 No Smoking Sign Detail  
SCALE: N.T.S.



6 Generator Enclosure Anchoring Detail  
SCALE: N.T.S.

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CONSULTANTS:		

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1	1/19/2022	Addendum #1

DESIGNED BY: JMM3/DJH			
DRAWN BY: AJD/DJH		CHECKED BY:	
PROJECT No: MKIV1803		DATE: 12/13/2021	
		SCALE: AS SHOWN	

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**VILLAGE OF MOUNT KISCO**

ADDITIONS AND ALTERATIONS TO INDEPENDENT FIRE COMPANY

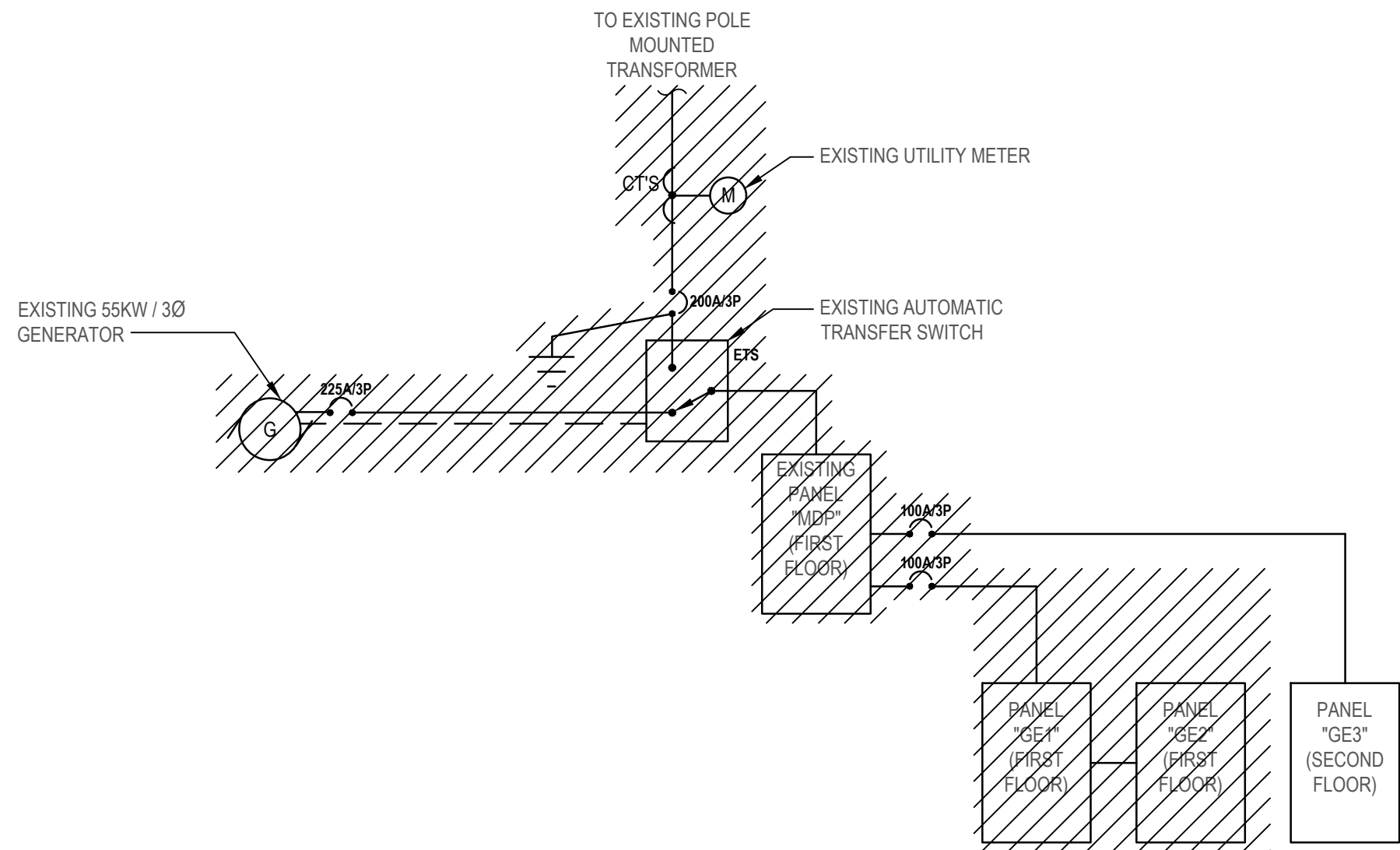
322 Lexington Ave  
Mount Kisco, NY 10549

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL GENERATOR DETAILS

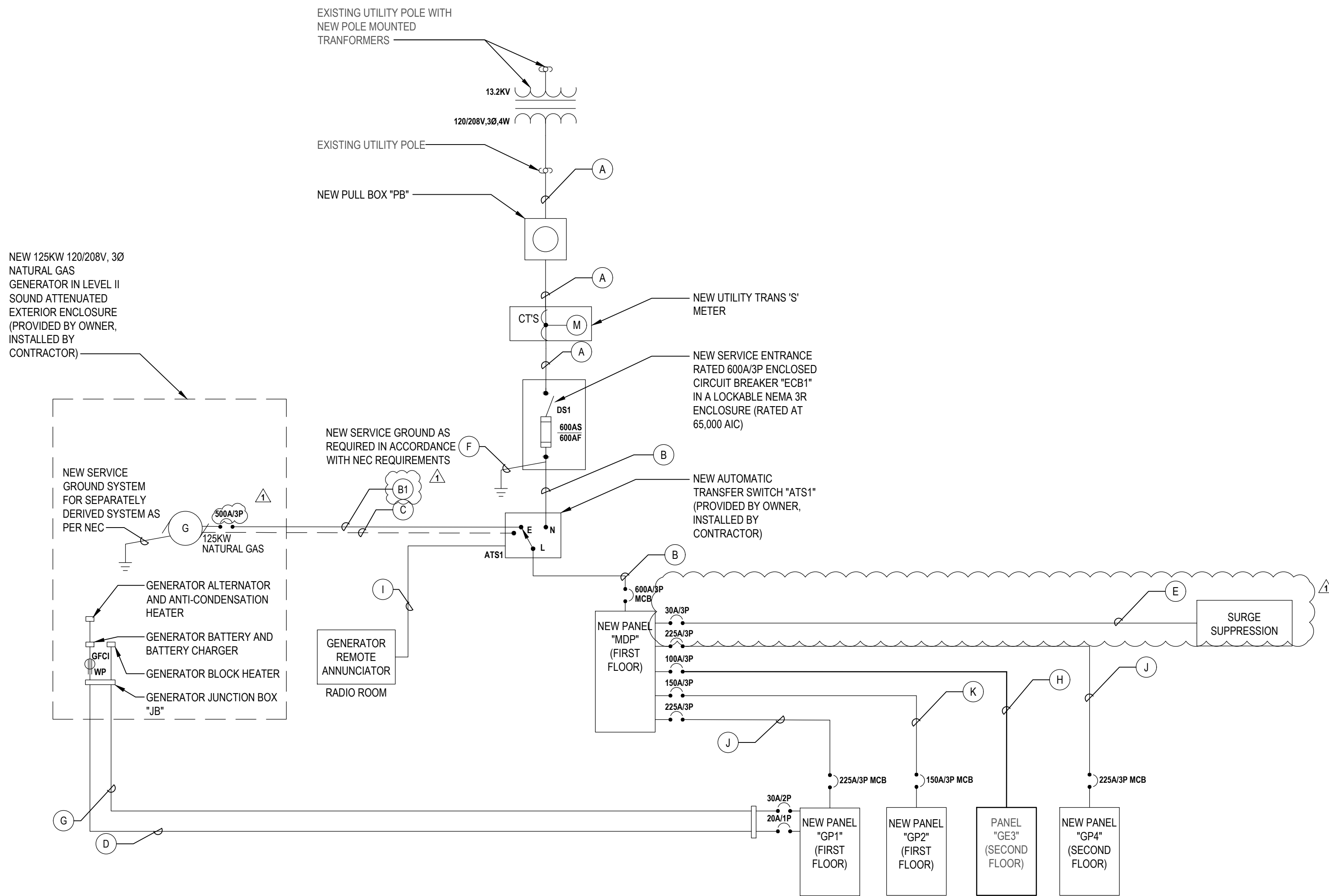
DRAWING No.
E 540.01



1 Electrical Partial Existing Single Line Diagram (NOTE SL1)  
SCALE: NTS

LEGEND

/// - REMOVE AND DISPOSE OF ITEM IDENTIFIED, U.O.N.



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

TRANSFER SWITCH SCHEDULE

TRANSFER SWITCH IDENTIFICATION	TYPE	ENCLOSURE	VOLTS	PHASE	POLES	AMPS
ATS1	AUTOMATIC	NEMA 3R	208	3Ø	4	600A

DISCONNECT SWITCH SCHEDULE

DISCONNECT SWITCH IDENTIFICATION	TYPE	ENCLOSURE	VOLTS	POLES	FRAME SIZE AMPS	FUSE RATING
DS1	FUSED	NEMA 1	240	4*	600A	600A

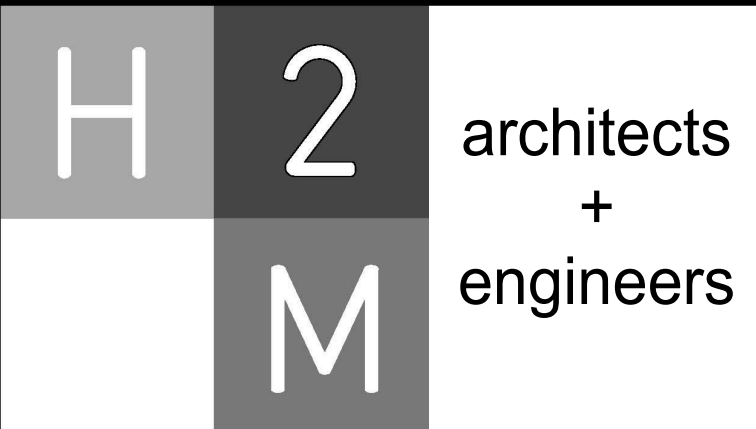
\* SERVICE ENTRANCE RATED

SINGLE LINE DIAGRAM FEEDER SCHEDULE

FEEDER	CONDUCTOR AND CONDUITS FEEDER SCHEDULE
A	2 SETS OF 4-350 MCM IN (2) 3-1/2" E.C. (PVC SCHEDULE 80)(EXTERIOR)
B	2 SETS OF 4-350 MCM + #1 AWG GND IN (2) 4" E.C.
B1	2 SETS OF 4-250 MCM + #4 AWG GND IN (2) 3" E.C.
C	1Ø #14 AWG + BELDEN 9279 CABLE 1" E.C. (PVC SCHEDULE 80)(EXTERIOR) AND 1" EMT (INTERIOR)
D	2 #12 AWG + #12 AWG GND IN 3/4" E.C. (FOR BATTERY CHARGER, ANTI-CONDENSATION HEATER AND RECEPTACLES) PVC SCHEDULE 80 (EXTERIOR) AND EMT (INTERIOR)
E	4 #10 AWG + #10 AWG GND IN 3/4" E.C.
F	NEW SERVICE GROUND FOR SEPARATELY DERIVED SYSTEM AS PER NEC.
G	2 #10 AWG + #10 AWG GND IN 3/4" PVC SCHEDULE 80 (EXTERIOR) AND EMT (INTERIOR) (BLOCK HEATER)
H	4 #10 AWG + #6 AWG GND IN 2" E.C.
I	BELDEN 9279 CABLE IN 3/4" E.C. (RUN CONTINUOUS FROM GENERATOR)
J	4 #4/0 AWG + #4 AWG GND IN 3" E.C.
K	4 #10 AWG + #6 AWG GND IN 2" E.C.

SINGLE LINE DIAGRAM NOTES:

SL1. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SHUTDOWN WITH CON EDISON AND THE CLIENT AS REQUIRED. CONTRACTOR SHALL COMPLETE ALL APPLICATIONS AND PAY RELATED FEES REQUIRED FOR SHUTDOWN.



3 Lear Jet Lane, Suite 205  
Latham, NY 12110  
518.765.5105 • www.h2m.com

CONSULTANTS:

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

DESIGNED BY: JMM3/DJH	DRAWN BY: AJD/DJH	CHECKED BY:	REVIEWED BY:
PROJECT No: MKIV1803	DATE: 12/13/2021	SCALE:	AS SHOWN

CLIENT

## VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO  
INDEPENDENT FIRE COMPANY

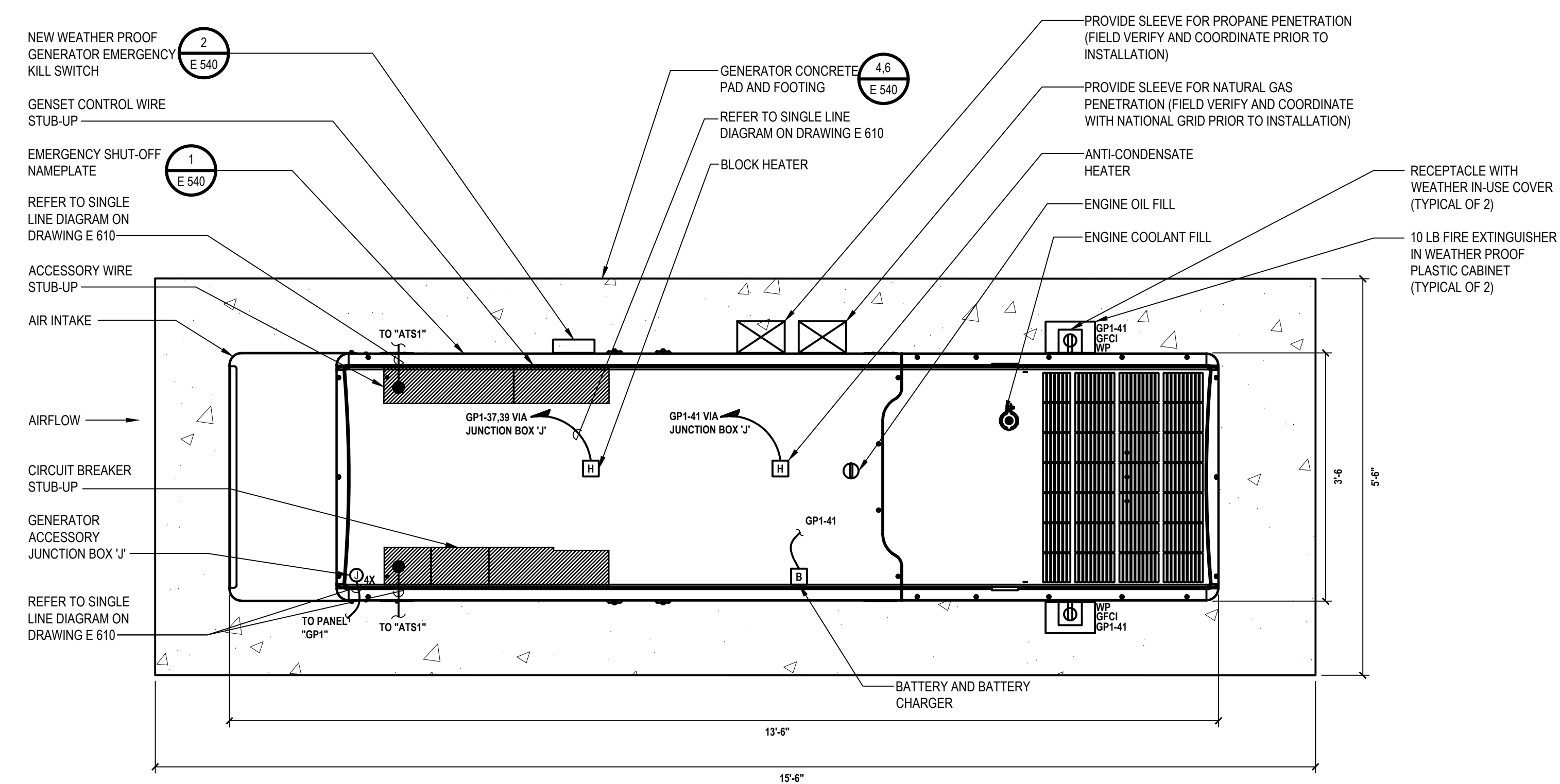
322 Lexington Ave  
Mount Kisco, NY 10549

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

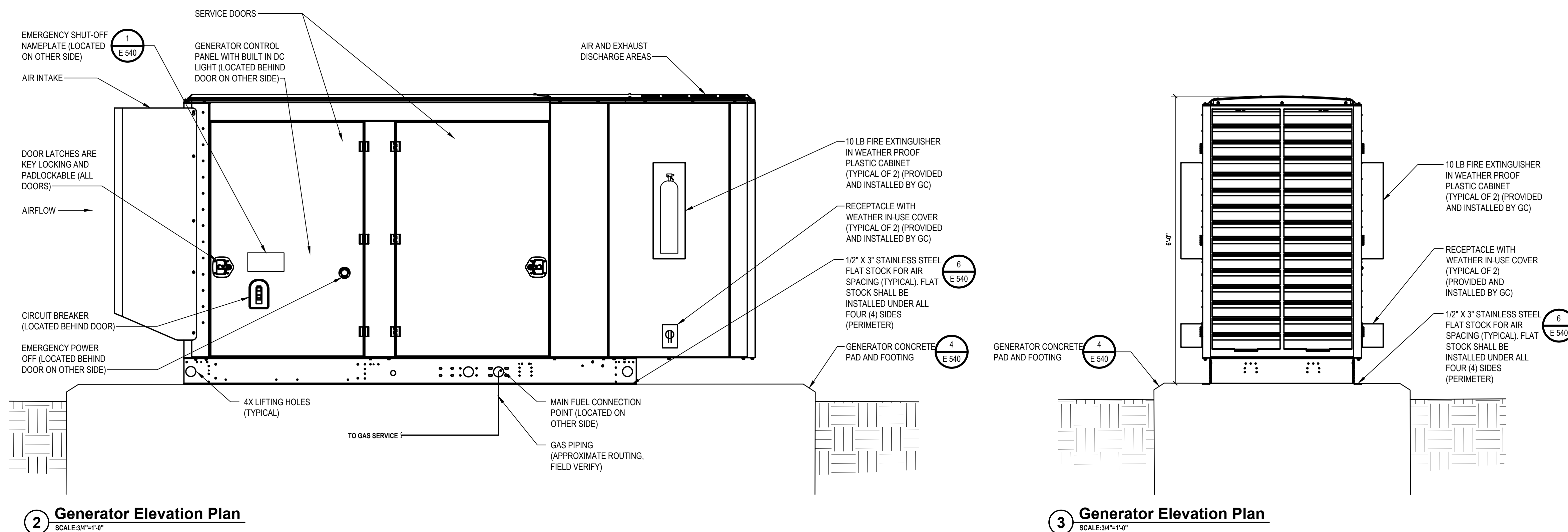
STATUS
CONSTRUCTION DOCUMENTS

SHEET TITLE
ELECTRICAL SINGLE LINE DIAGRAM

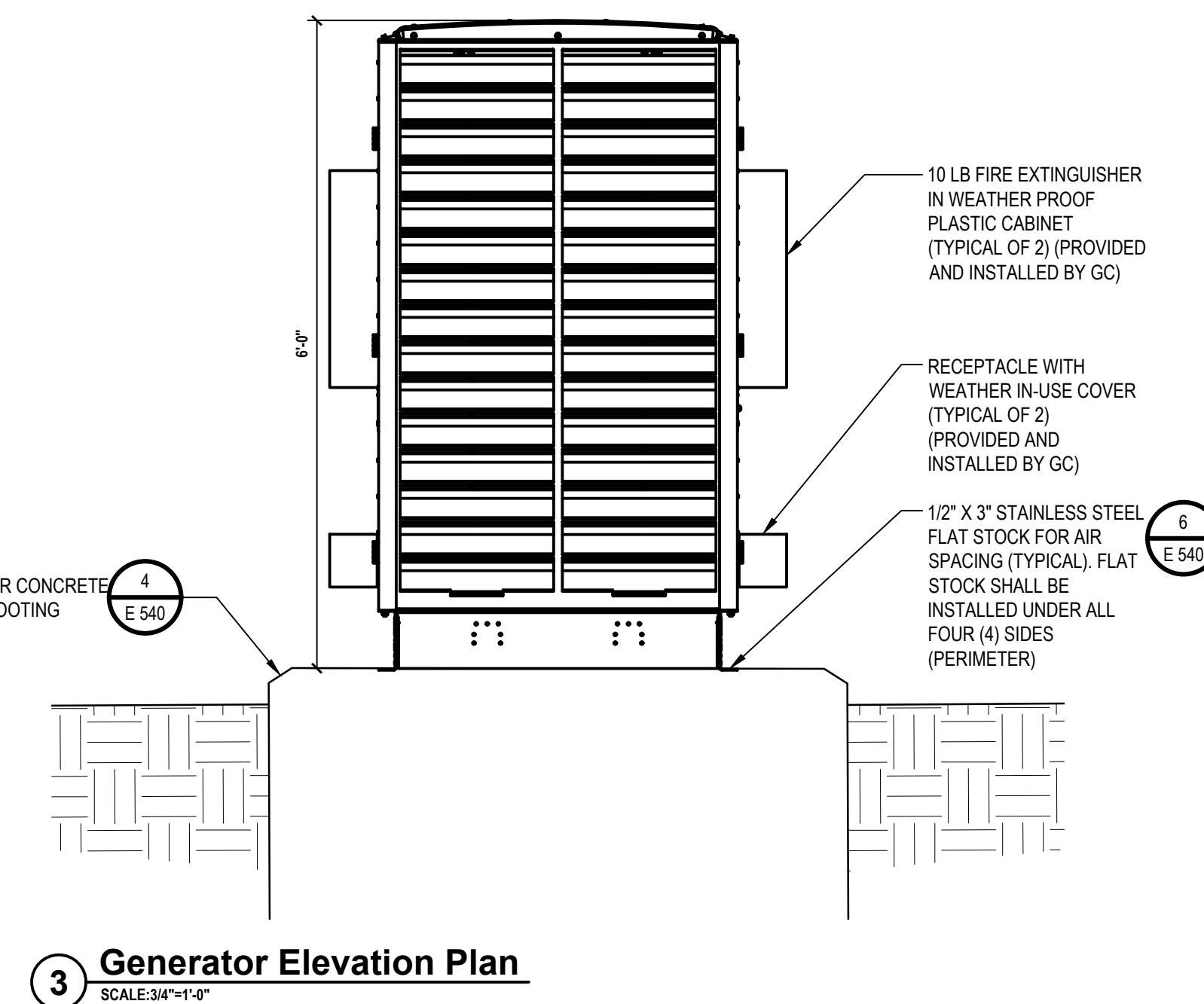
DRAWING No.
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**1 Generator Layout Plan**  
SCALE: 3/4"=1'-0"



## 2 Generator Elevation Plan



### 3 Generator Elevation Plan

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**CONSULTANTS:**

[illegible]

\*ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL NURSE

DESIGNED BY: <b>JMM3/DJH</b>				DRAWN BY: <b>AJD/DJH</b>		CHECKED BY:		REVIEWED BY:	
PROJECT No: <b>MKIV1803</b>			DATE: <b>12/13/2021</b>			SCALE: <b>AS SHOWN</b>			

CLIENT

**VILLAGE OF MOUNT  
KISCO**

## ADDITIONS AND ALTERATIONS TO INDEPENDENT FIRE COMPANY



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Mount Kisco, NY 10549

CONTRACT

**CONTRACT G**

**GENERAL CONSTRUCTION**

## STATUS

# CONSTRUCTION DOCUMENTS

SHEET TITLE

**ELECTRICAL GENERATOR  
PLAN**

DRAWING No. **E 140.01**