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**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  
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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.





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MKV 1802	12/13/2021	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

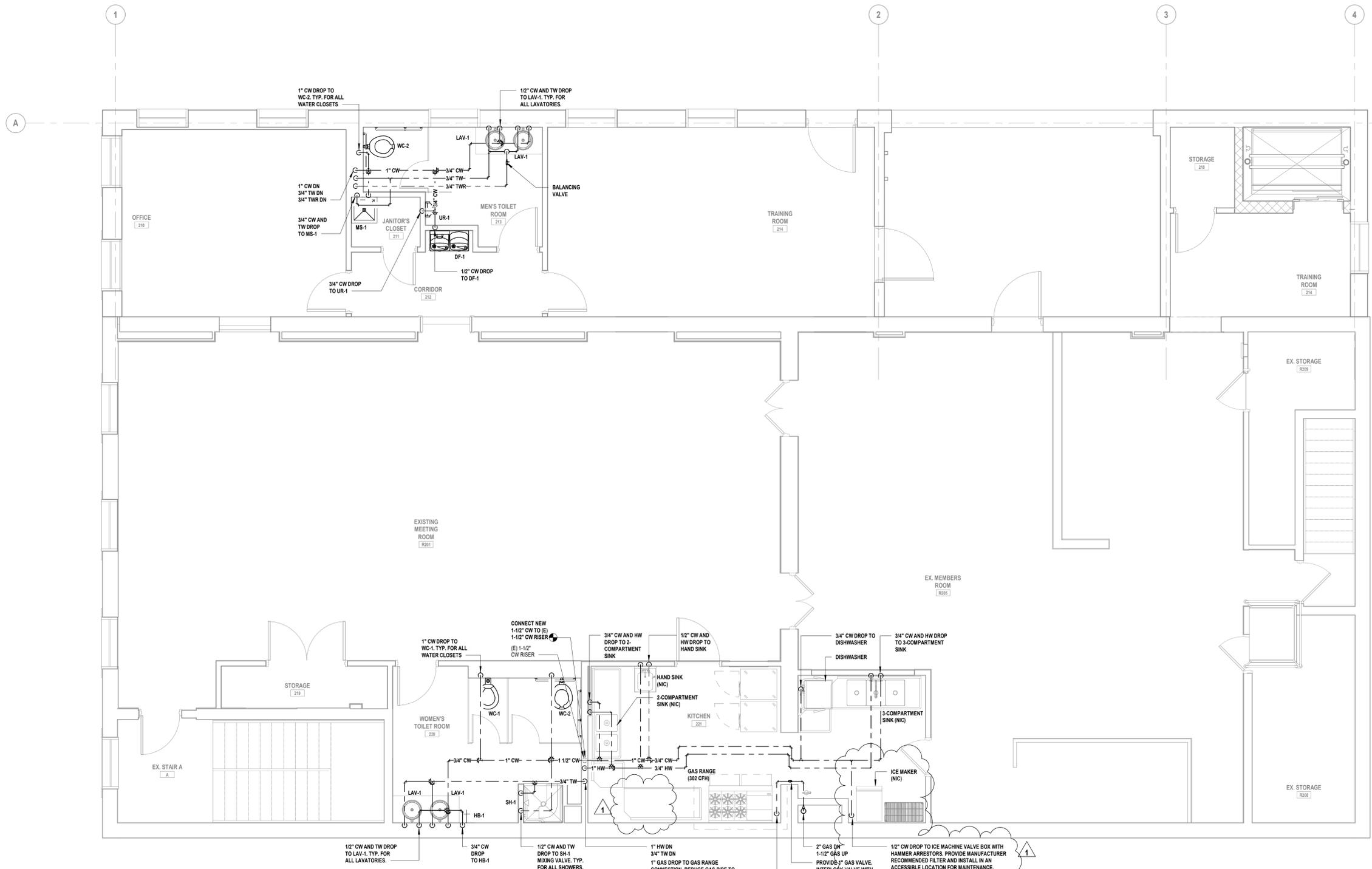
**CONSTRUCTION DOCUMENTS**

SHEET TITLE

**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"

CONNECT NEW 1-1/2" CW TO (E) 1-1/2" CW RISER  
(E) 1-1/2" CW RISER

1" CW DROP TO WC-1, TYP. FOR ALL WATER CLOSETS

1/2" CW AND TW DROP TO LAV-1, TYP. FOR ALL LAVATORIES.

3/4" CW AND HW DROP TO 2-COMPARTMENT SINK

1/2" CW AND HW DROP TO HAND SINK

3/4" CW DROP TO DISHWASHER

3/4" CW AND HW DROP TO 3-COMPARTMENT SINK

1/2" CW AND TW DROP TO SH-1 MIXING VALVE, TYP. FOR ALL SHOWERS.

1" HW DN 3/4" TW DN

1" GAS DROP TO GAS RANGE CONNECTION. REDUCE GAS PIPE TO MATCH CONNECTION SIZE OF EQUIPMENT WITHIN 1'-0" OF THE EQUIPMENT.

2" GAS DN 1-1/2" GAS UP PROVIDE 1" GAS VALVE INTERLOCK VALVE WITH KITCHEN HOOD FIRE SUPPRESSION SYSTEM

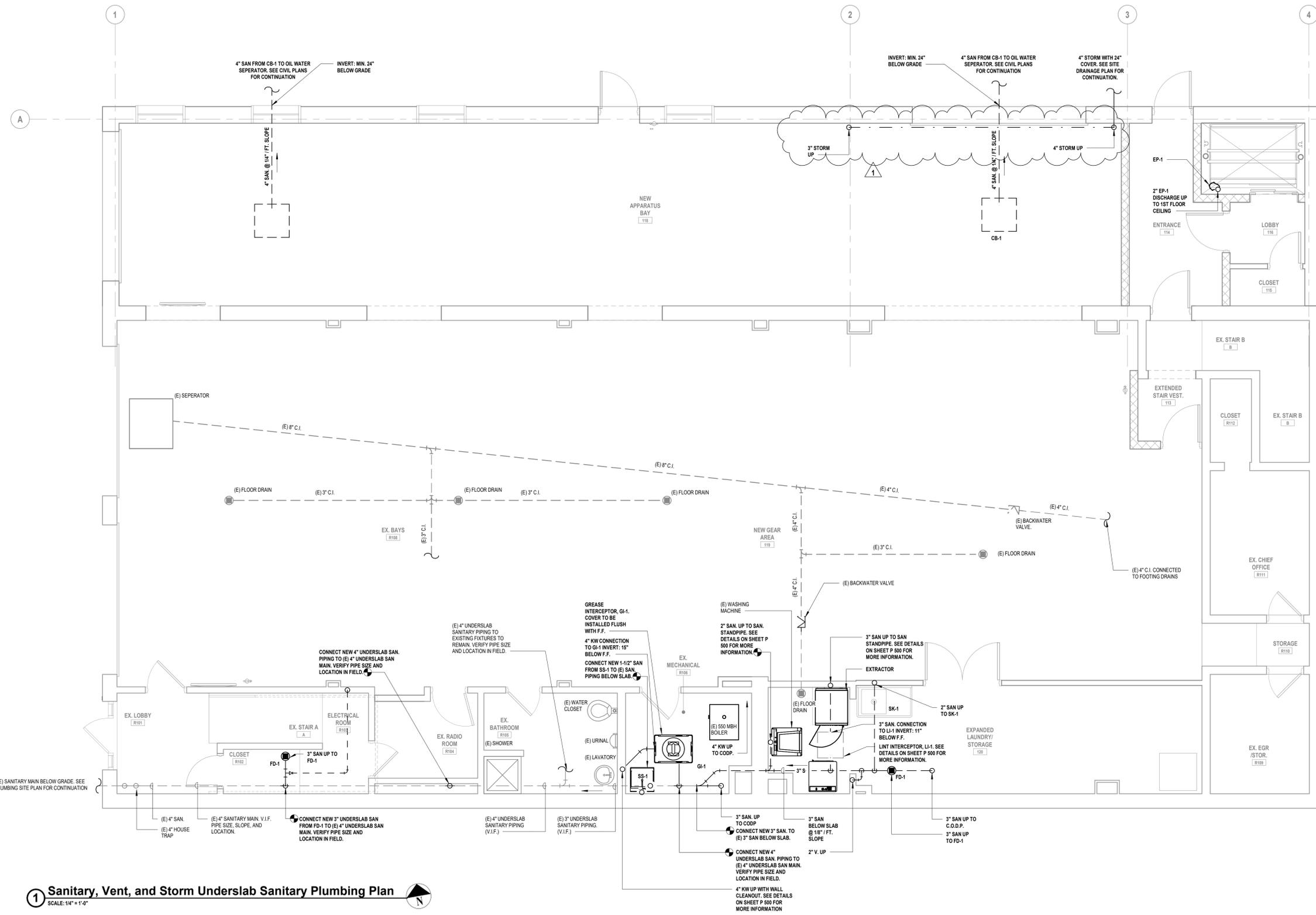
1/2" CW DROP TO ICE MACHINE VALVE BOX WITH HAMMER ARRESTORS. PROVIDE MANUFACTURER RECOMMENDED FILTER AND INSTALL IN AN ACCESSIBLE LOCATION FOR MAINTENANCE.

**GENERAL PLUMBING NOTES**

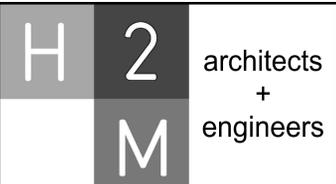
1. VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW AND EXISTING PLUMBING FIXTURES.
2. INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING WATER PIPING WHERE INSULATION 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"



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PROJECT No: MKIV 1802  
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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



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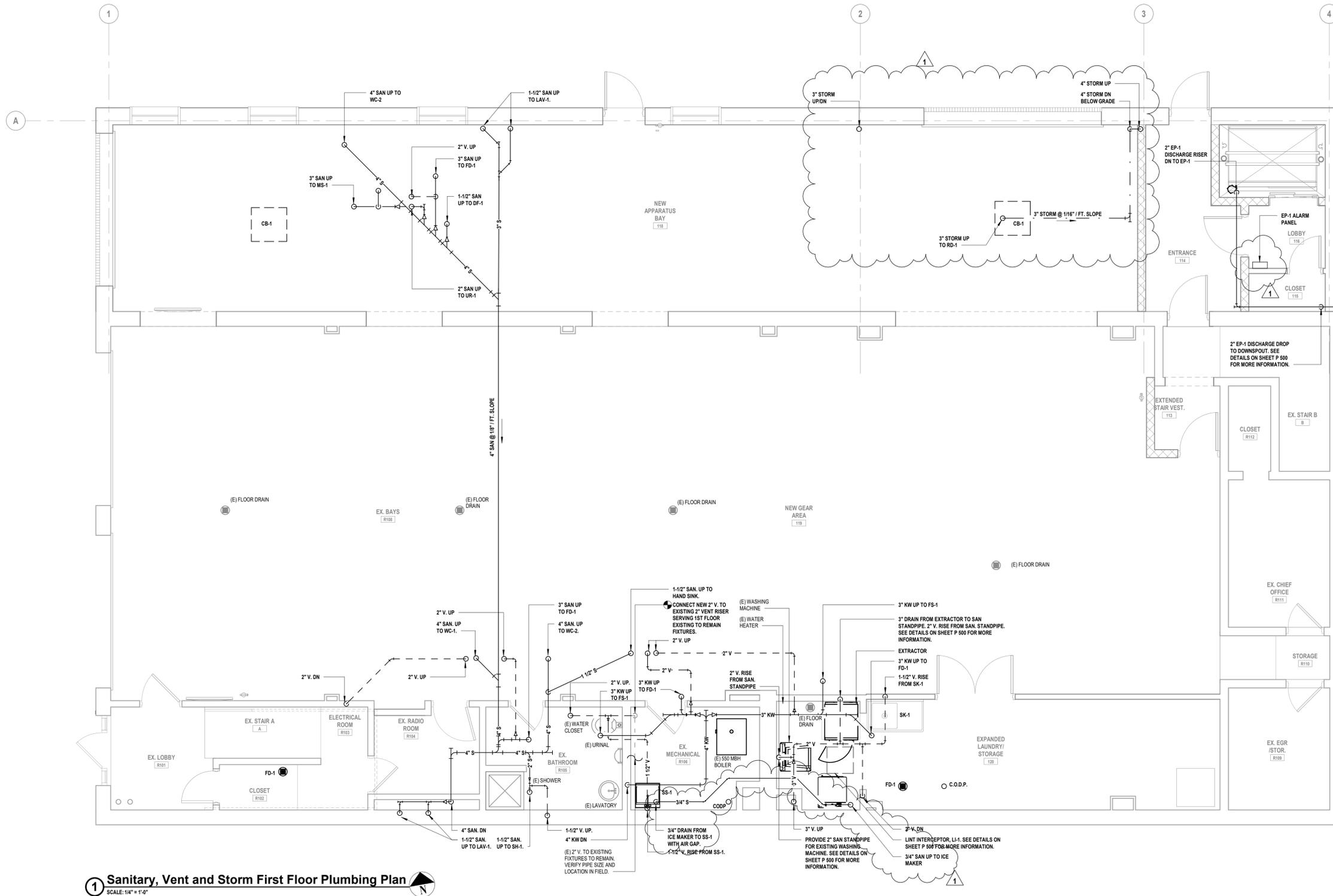
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**CONSTRUCTION DOCUMENTS**

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

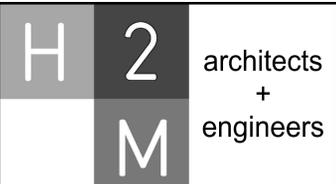
DRAWING No.  
**P 130.01**

**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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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



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CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

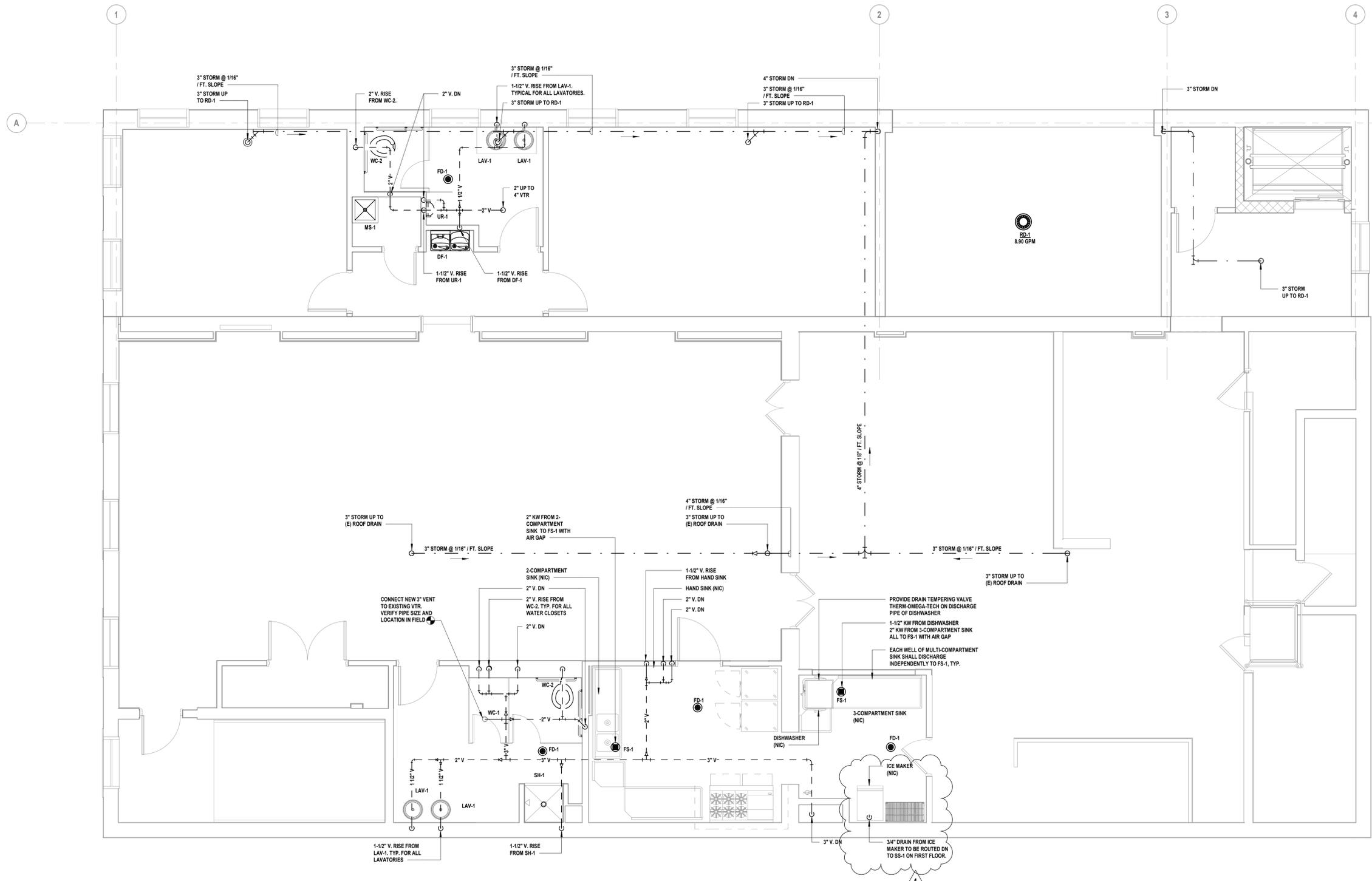
STATUS  
**CONSTRUCTION DOCUMENTS**

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

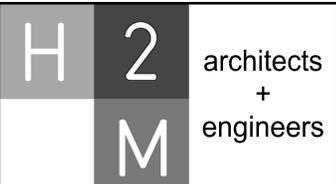
DRAWING No.  
**P 131.01**

**GENERAL PLUMBING NOTES**

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



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



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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



99 MAIN STREET, MOUNT KISCO, NY 10549

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GENERAL CONSTRUCTION**

**CONSTRUCTION DOCUMENTS**

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

**P 132.01**

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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



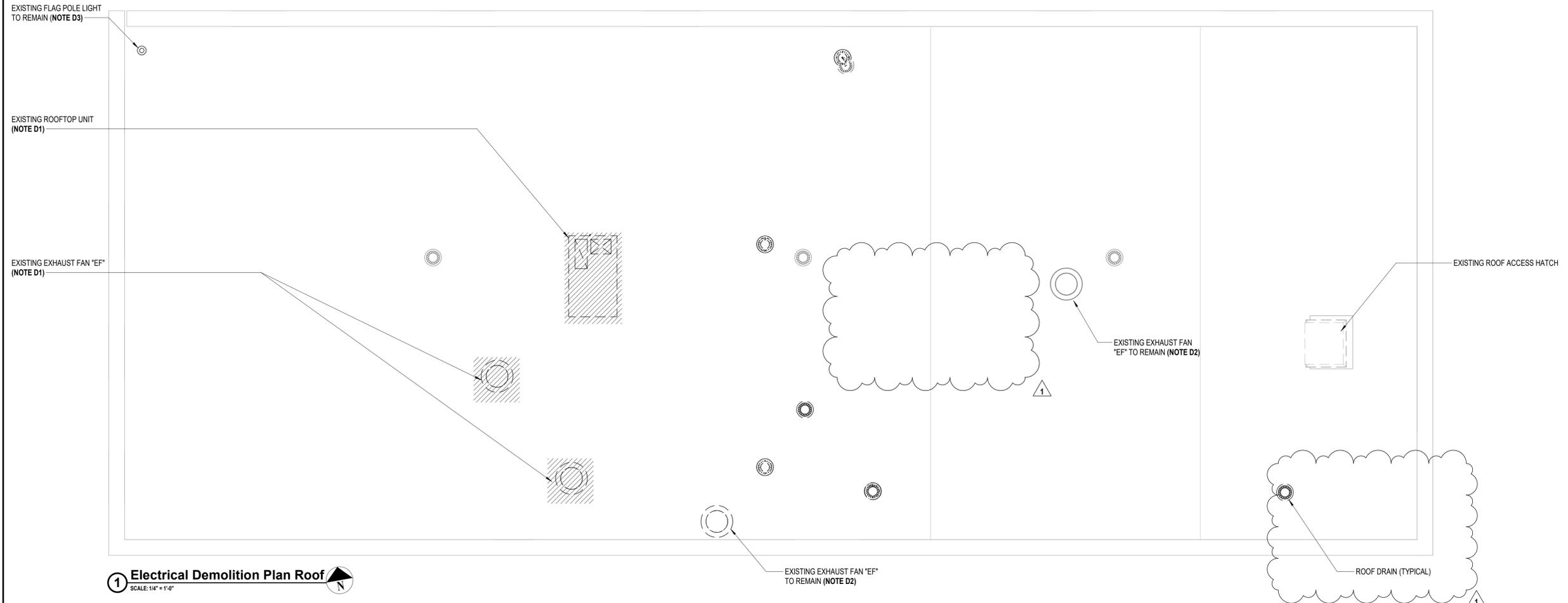
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CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**ELECTRICAL DEMOLITION  
PLAN ROOF**

DRAWING No.  
**ED 113.01**



**1 Electrical Demolition Plan Roof**  
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.

- 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**



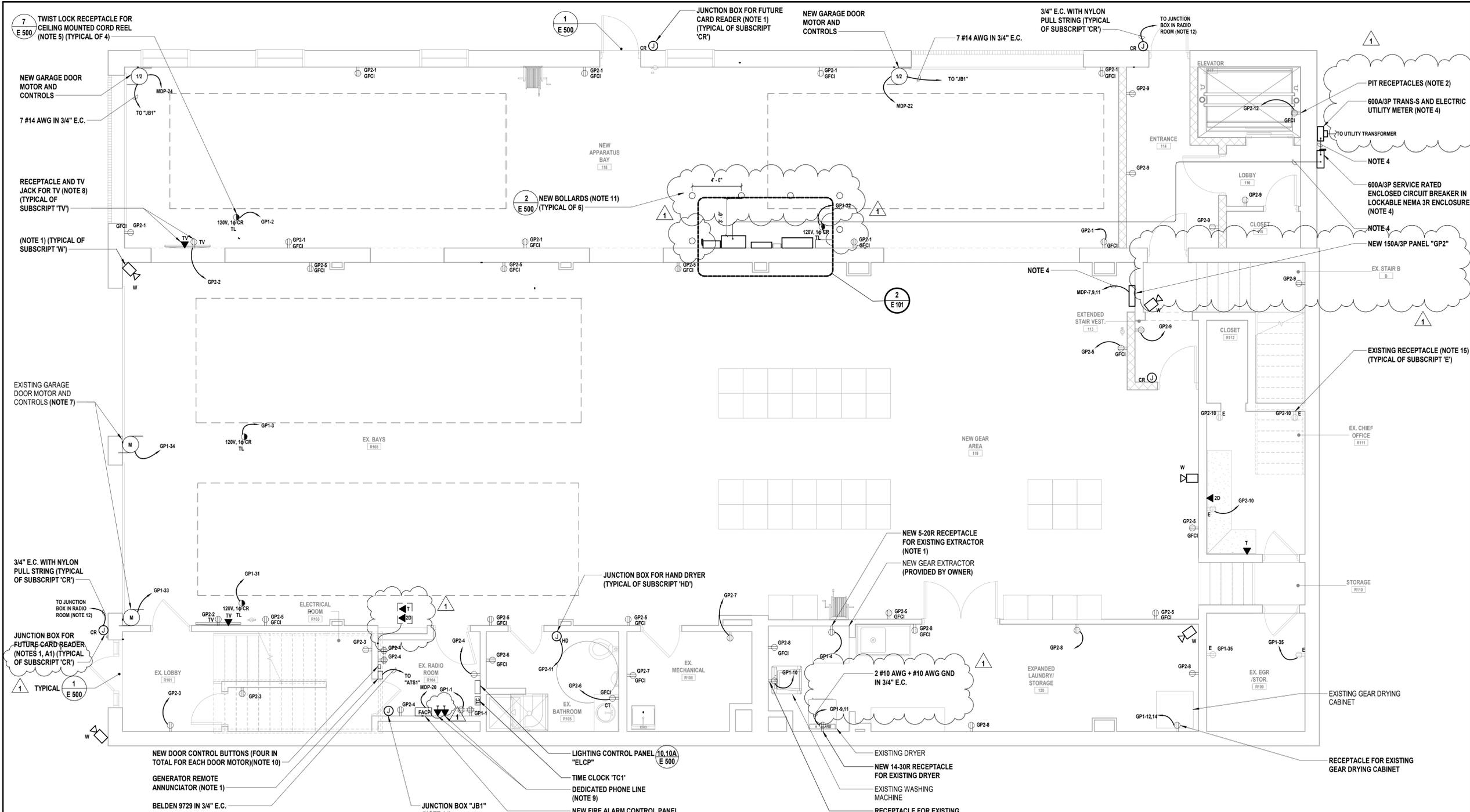
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GENERAL CONSTRUCTION**

**STATUS  
CONSTRUCTION DOCUMENTS**

**SHEET TITLE  
ELECTRICAL POWER  
PLAN FIRST FLOOR**

**DRAWING No.  
E 101.01**



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

**ELECTRICAL KEY NOTES:**

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

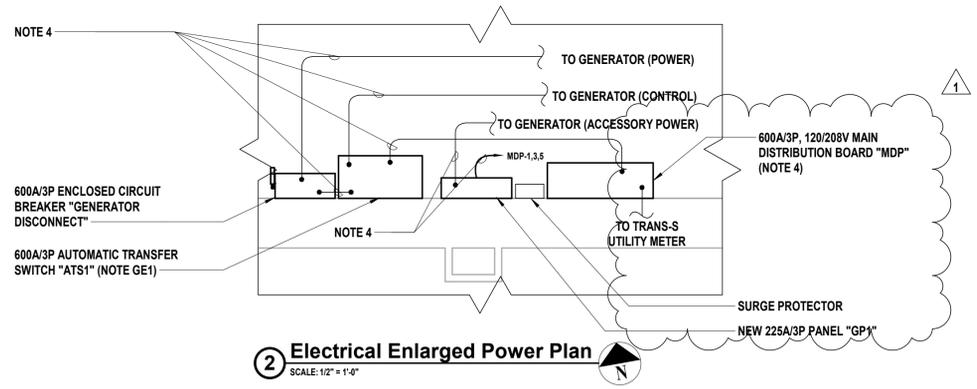
**GENERATOR/AUTOMATIC TRANSFER SWITCH NOTE:**

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

**ADD/ALTERNATE NOTES:**

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

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



CONSULTANTS:

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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



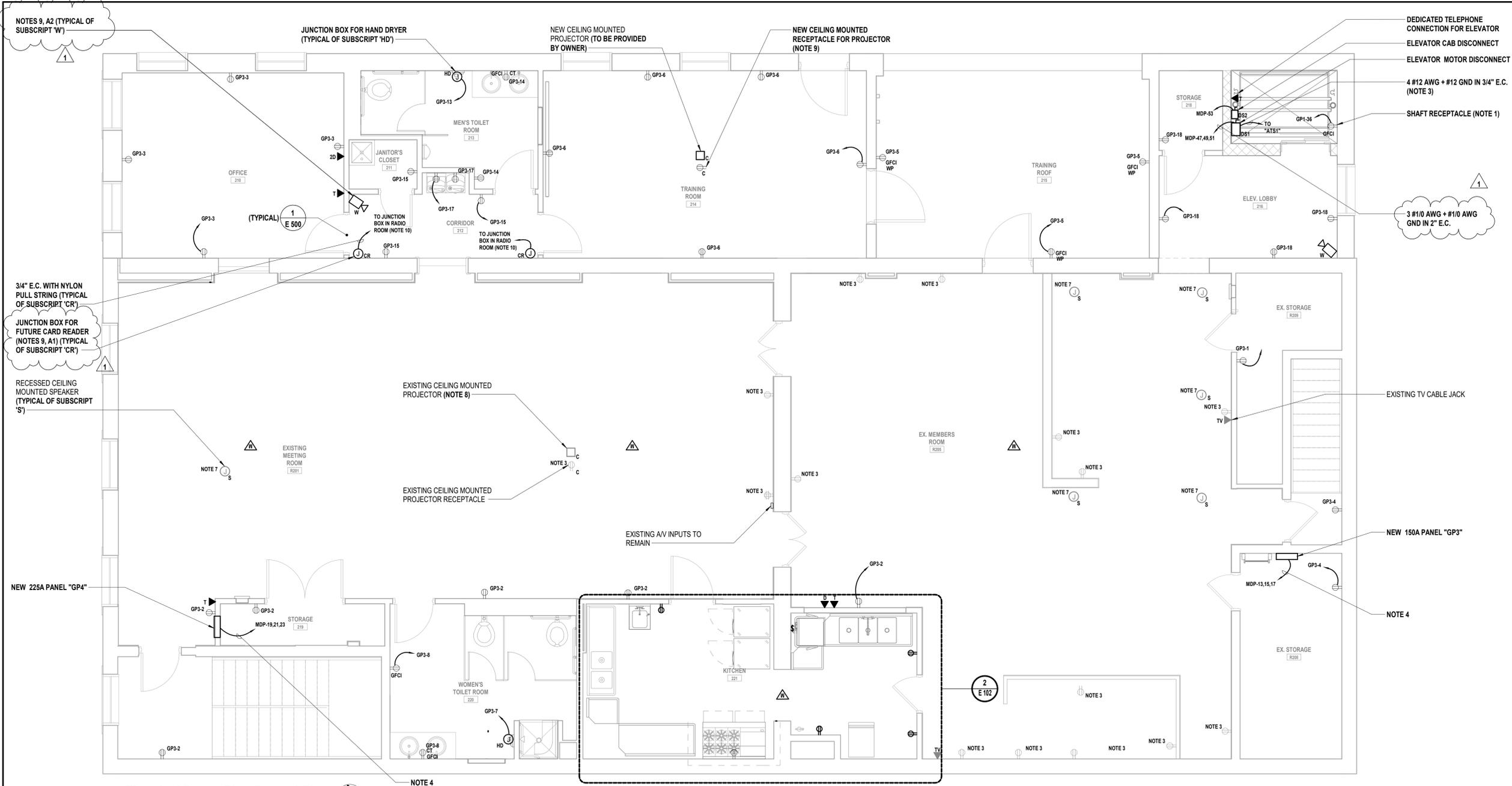
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**GENERAL CONSTRUCTION**

**CONSTRUCTION DOCUMENTS**

**ELECTRICAL POWER PLAN SECOND FLOOR**

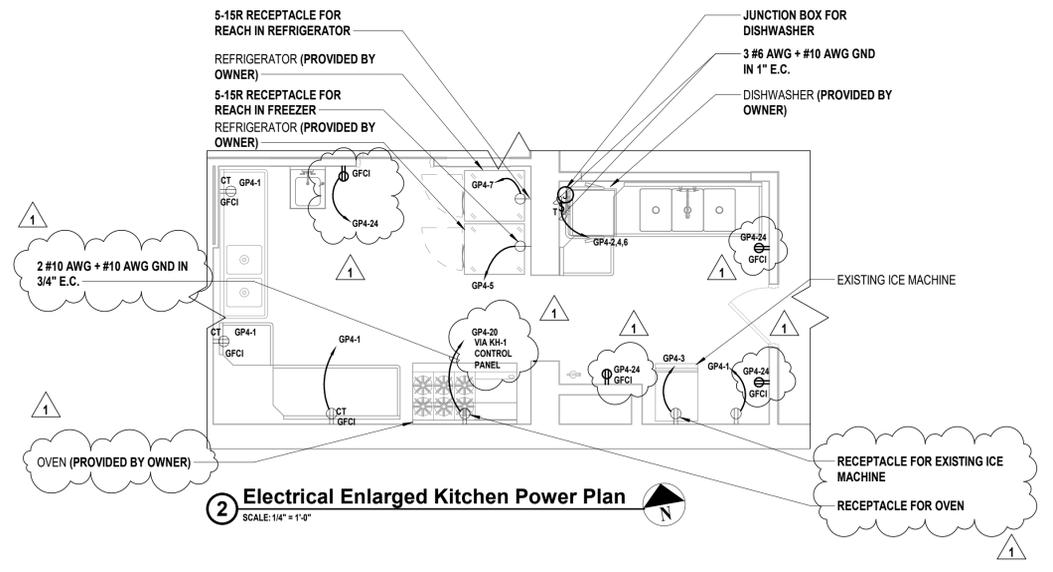
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**1 Electrical Power Plan Second Floor**  
SCALE: 1/4" = 1'-0"

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

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



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

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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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**GENERAL CONSTRUCTION**

STATUS

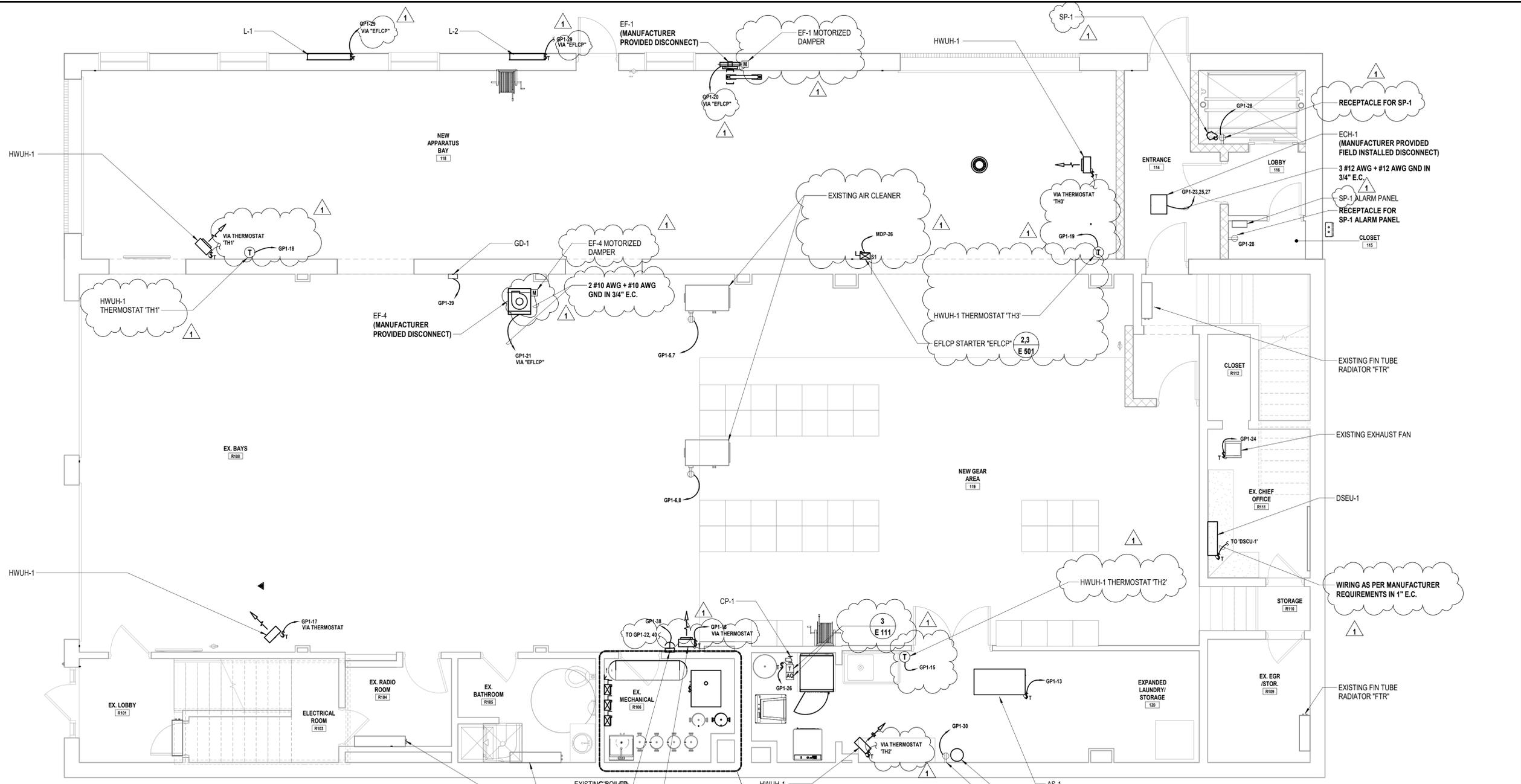
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SHEET TITLE

**ELECTRICAL HVAC POWER PLAN FIRST FLOOR**

DRAWING No.

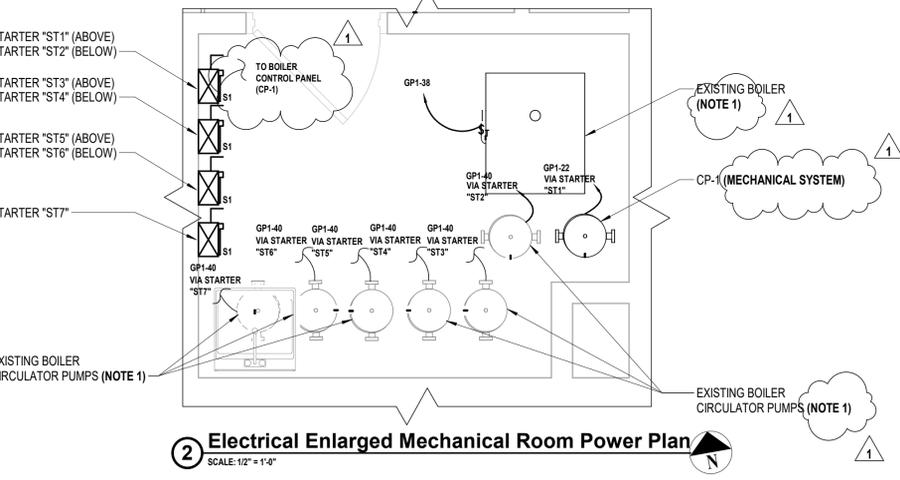
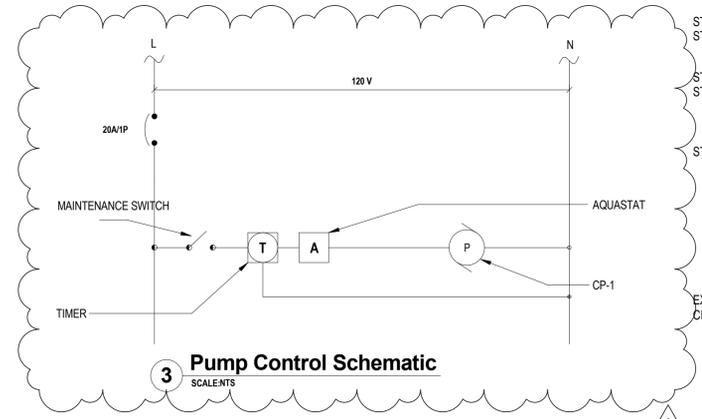
**E 111.01**



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

**ELECTRICAL KEY NOTES:**

1. CONTRACTOR SHALL NOTE TO PROVIDE AND INSTALL ALL NECESSARY ACCESSORIES/CONTROLS AS REQUIRED TO PROVIDE POWER TO EXISTING EQUIPMENT AS PER PRIOR TO DEMOLITION.



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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



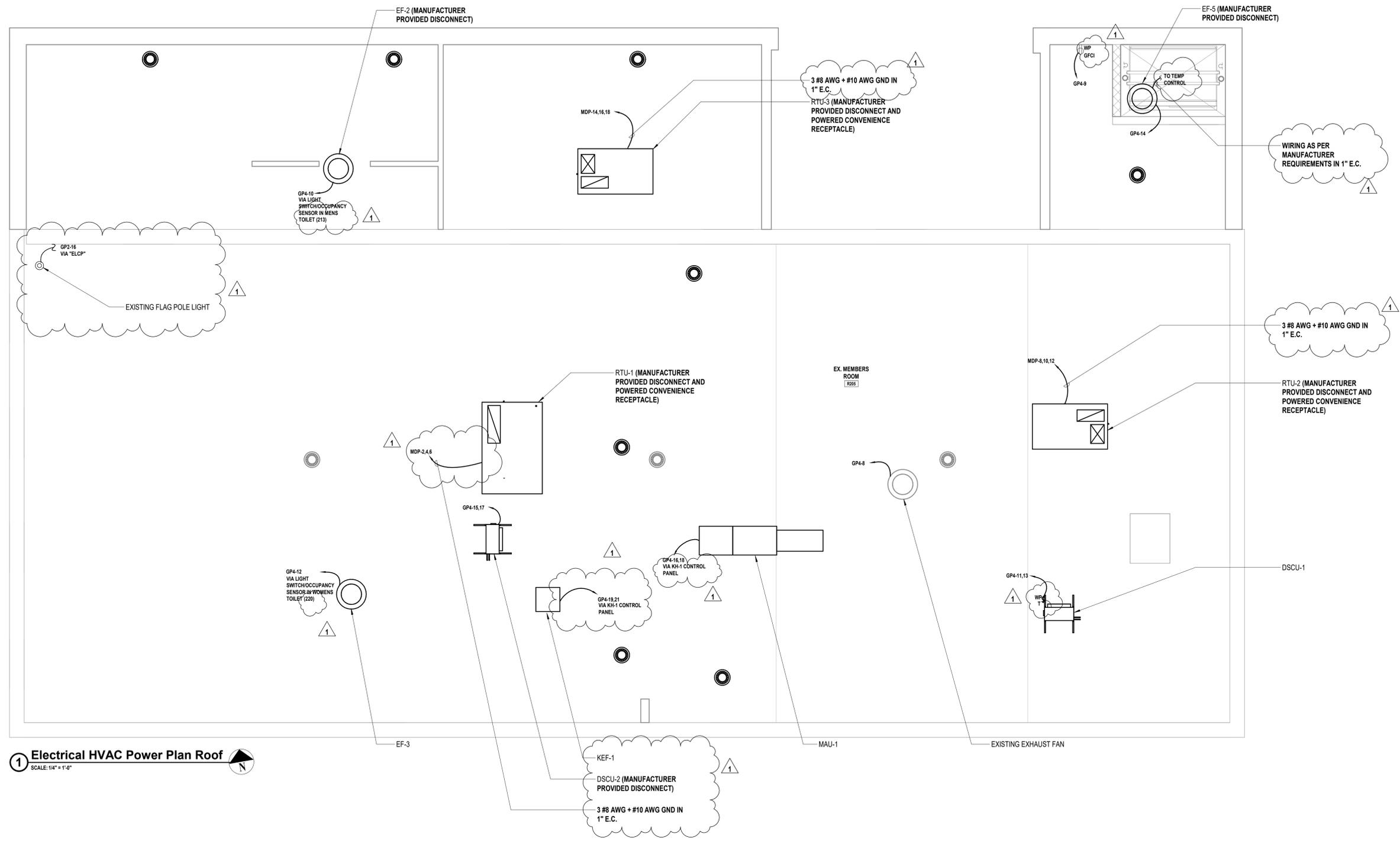
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GENERAL CONSTRUCTION

STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**ELECTRICAL HVAC POWER PLAN ROOF**

DRAWING No.  
**E 113.01**



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

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**VILLAGE OF MOUNT KISCO**

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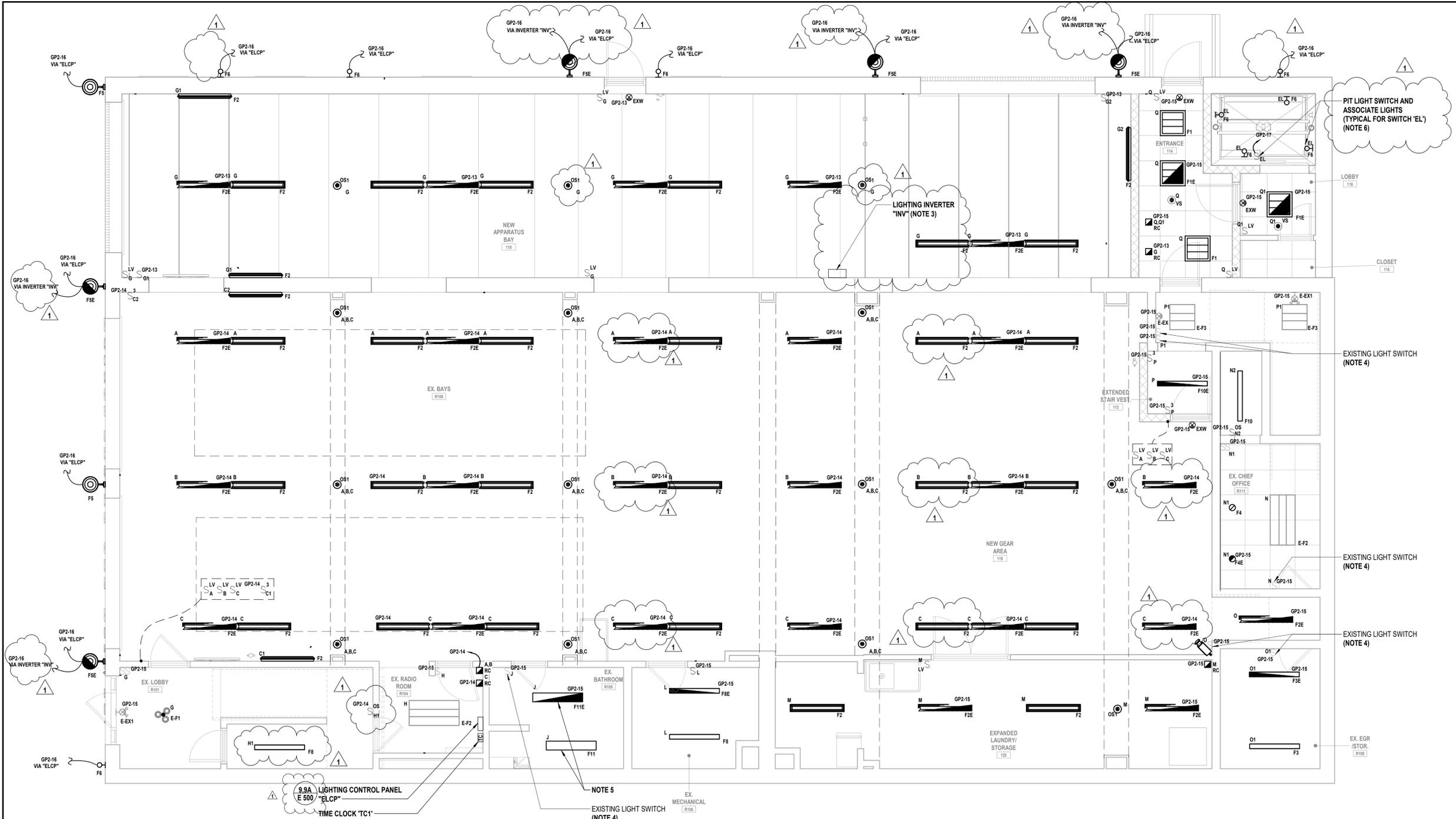
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STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**ELECTRICAL LIGHTING PLAN FIRST FLOOR**

DRAWING No.  
**E 121.01**



**1 Electrical Lighting Plan First Floor**  
SCALE: 1/4" = 1'-0"

**LIGHTING GENERAL NOTES:**

- G1. 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.
- 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 DEDICATED 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. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT/ENGINEER IN FIELD.
- G8. 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.
- G9. 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.
- G10. 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:**

- 1. 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.
- 2. 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.
- 3. CONTRACTOR SHALL PROVIDE AND INSTALL EMERGENCY BATTERY BACKUP INVERTER (DUAL-LITE MODEL # LC250-S1 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.
- 4. CONTRACTOR SHALL PROVIDE AND EXTEND EXISTING LIGHTING CONTROL WIRING TO TERMINATE TO NEW LIGHT FIXTURE NOTED WITH SAME LETTER DESIGNATION.
- 5. CONTRACTOR SHALL PROVIDE AND INSTALL NEW LIGHT FIXTURES WITH MINIMAL DISTURBANCE TO EXISTING CEILING, PATCH, PRIME AND PATCH TO MATCH EXISTING.
- 6. 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.

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

**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



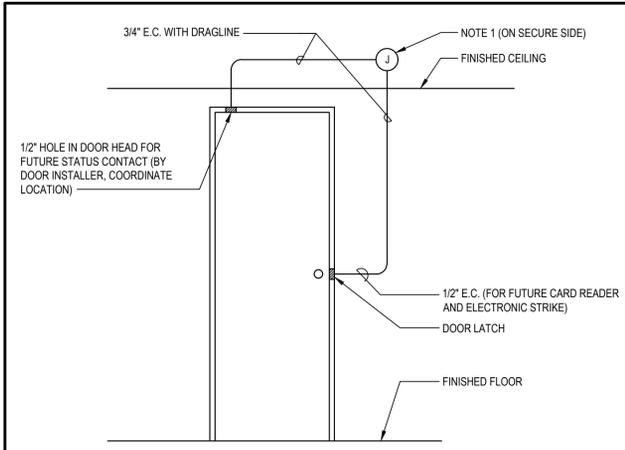
99 MAIN STREET, MOUNT KISCO, NY 10549

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

**CONSTRUCTION DOCUMENTS**

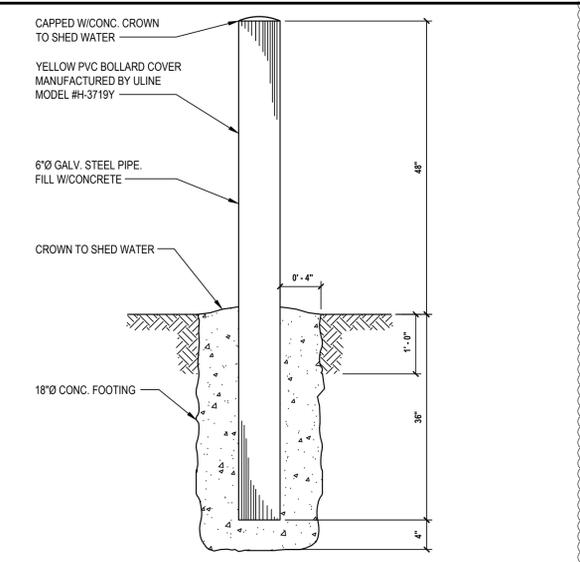
**ELECTRICAL DETAILS**

**E 500.01**

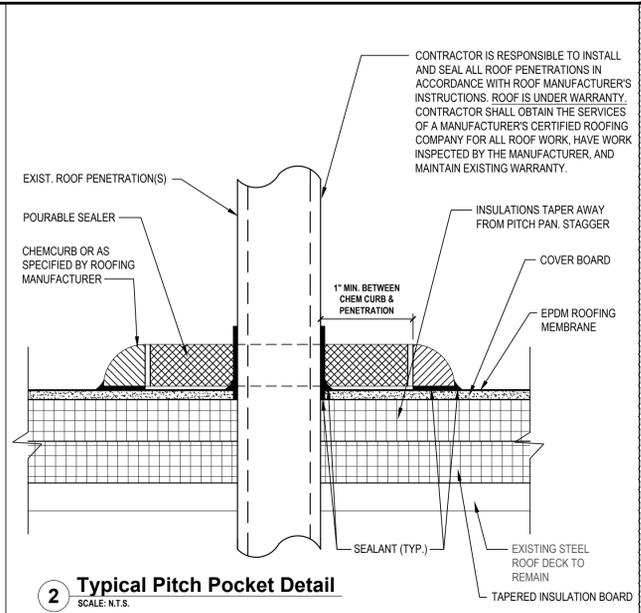


**1 Security System Conduit Detail (Single Door) (NOTE 2)**  
SCALE: N.T.S.

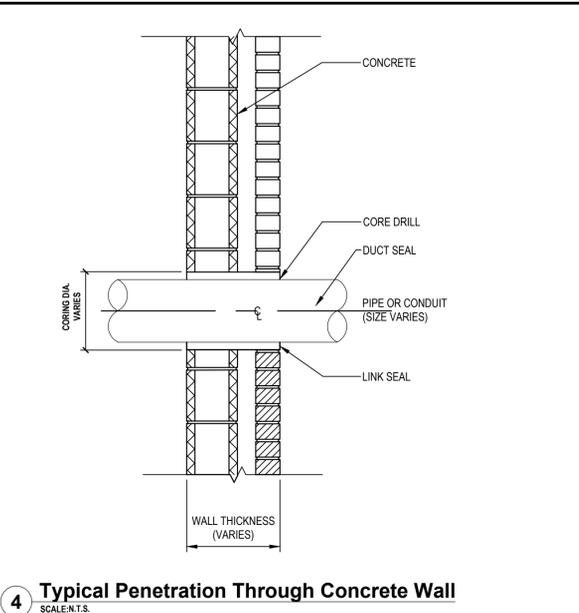
- NOTES:**
- CONTRACTOR SHALL INSTALL JUNCTION BOX ON SECURE SIDE OF DOOR ABOVE FINISHED CEILING. IF THERE IS NO FINISHED CEILING IN THE ROOM, 10'-0" COORDINATE INSTALLATION AND EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/ENGINEER IN FIELD.
  - ALL DOOR ACCESS CONTROL EQUIPMENT SHALL BE INSTALLED BY OTHERS AT A FUTURE DATE.



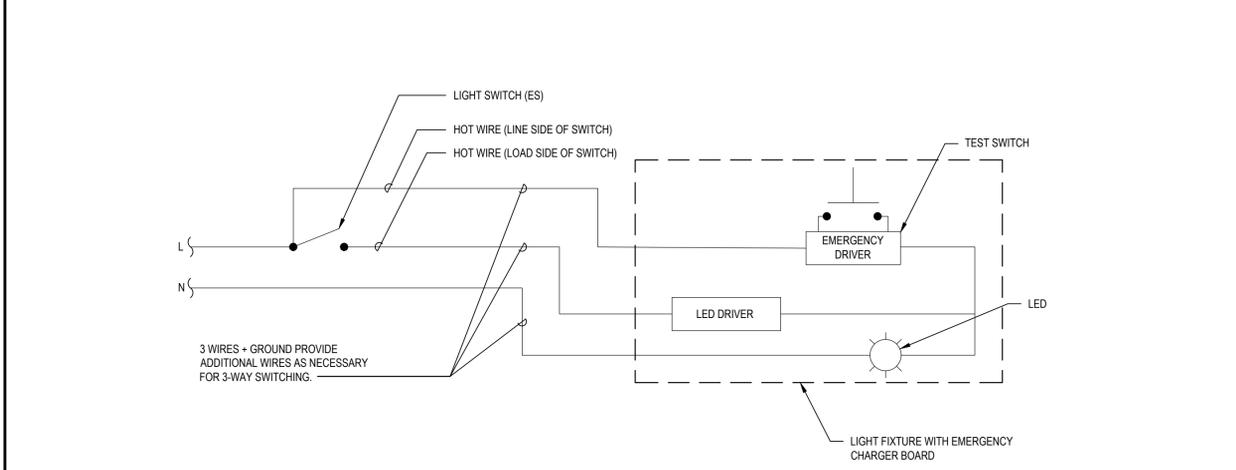
**2 Bollard Detail**  
SCALE: N.T.S.



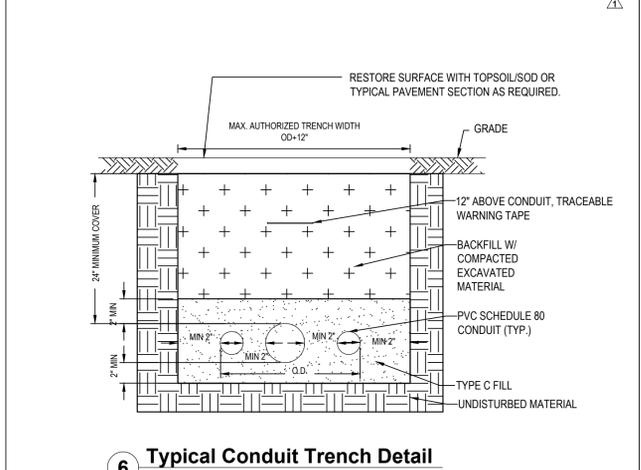
**3 Typical Pitch Pocket Detail**  
SCALE: N.T.S.



**4 Typical Penetration Through Concrete Wall**  
SCALE: N.T.S.

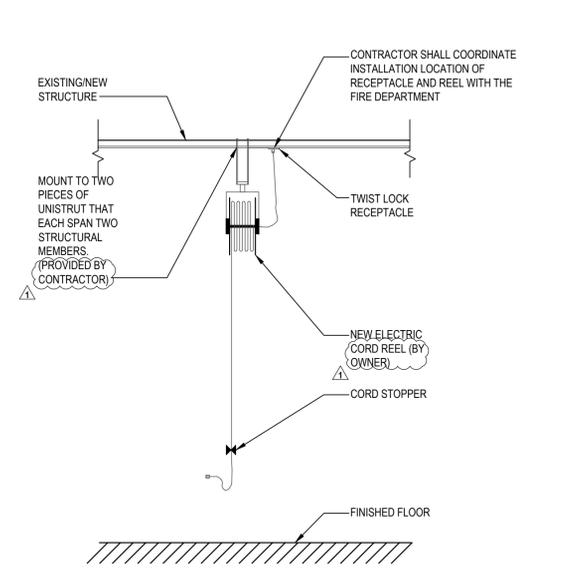


**5 Typical Detail of Light Fixture with Emergency Ballast**  
SCALE: N.T.S.

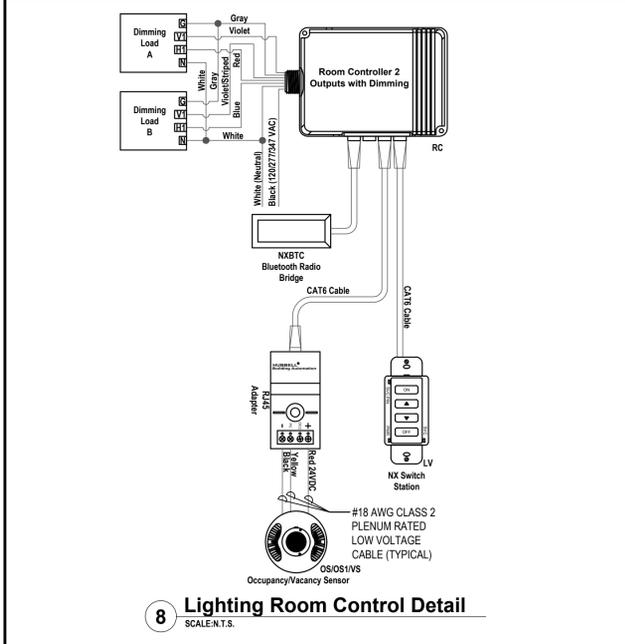


**6 Typical Conduit Trench Detail**  
SCALE: N.T.S.

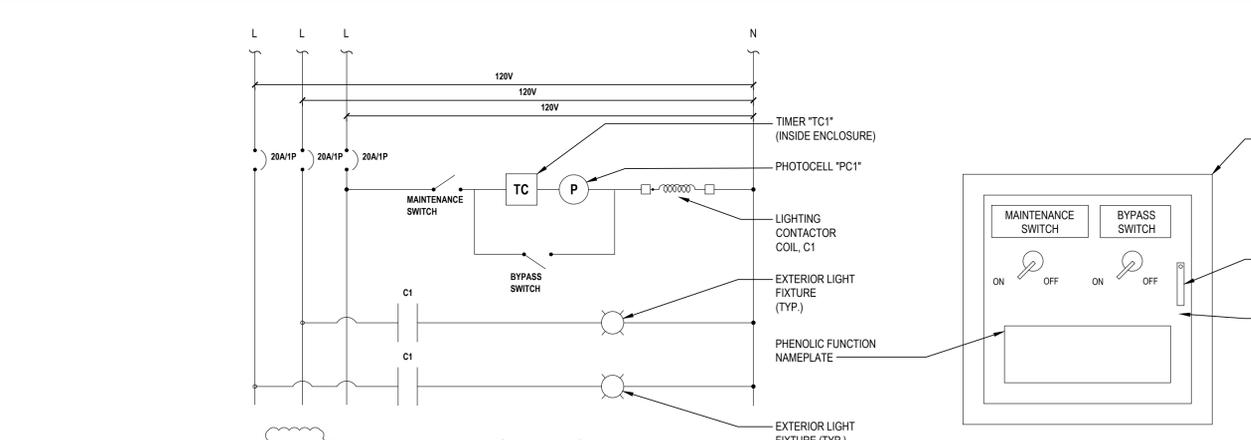
- NOTES:**
- MINIMIZE ALL TRENCH WIDTHS IN ORDER TO AVOID EXCESSIVE DISTURBANCE OF ADJACENT AREAS. TRENCH WALLS SHALL BE VERTICAL. USE SHEET PILING OR A SHEETING BOX TO MAINTAIN THE SPECIFIED TRENCH.



**7 Charge Reel Receptacle Detail**  
N.T.S.

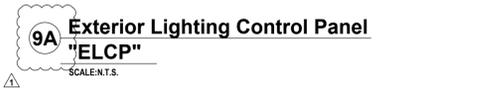


**8 Lighting Room Control Detail**  
SCALE: N.T.S.



**9 Exterior Lighting Control Schematic**  
SCALE: N.T.S.

- PROVIDE AND INSTALL NEW LIGHTING CONTROLS, CONTROL WIRING, RELAYS, CONTACTORS, AND SENSORS. INSTALL CONTROLS AND CONTACTORS IN NEW NEMA 1 HINGED DOOR ENCLOSURE. PROVIDE LOCKABLE HANDLE.**
- FUNCTION NAMEPLATE DESCRIPTION:  
MAINTENANCE SWITCH - TURN TO "ON" POSITION FOR NORMAL OPERATION. TURN TO OFF POSITION TO PREVENT LIGHTS FROM TURNING ON  
BYPASS SWITCH - TURN TO "OFF" POSITION FOR NORMAL OPERATION. TURN TO "ON" POSITION TO TURN ON LIGHT FIXTURES. (MAINTENANCE SWITCH MUST BE IN "ON" POSITION).



**9A Exterior Lighting Control Panel "ELCP"**  
SCALE: N.T.S.

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REVIEWED BY: [ ]

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**VILLAGE OF MOUNT KISCO**

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ADDITIONS AND ALTERATIONS TO  
MUTUAL STATION



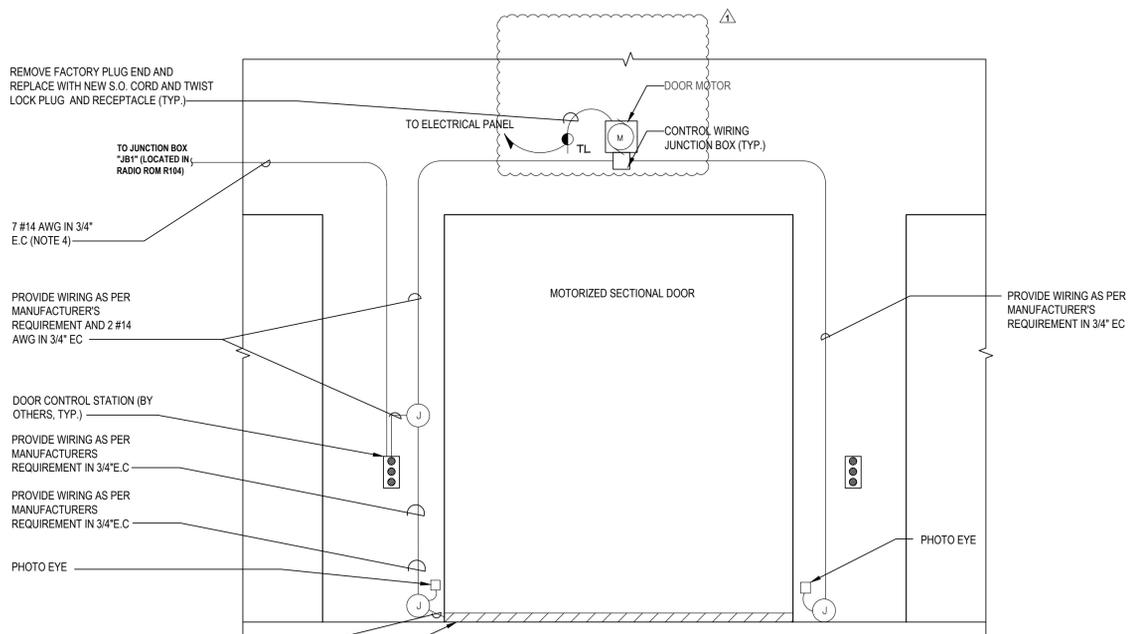
99 MAIN STREET, MOUNT KISCO,  
NY 10549

CONTRACT  
**CONTRACT G**  
GENERAL CONSTRUCTION

STATUS  
**CONSTRUCTION DOCUMENTS**

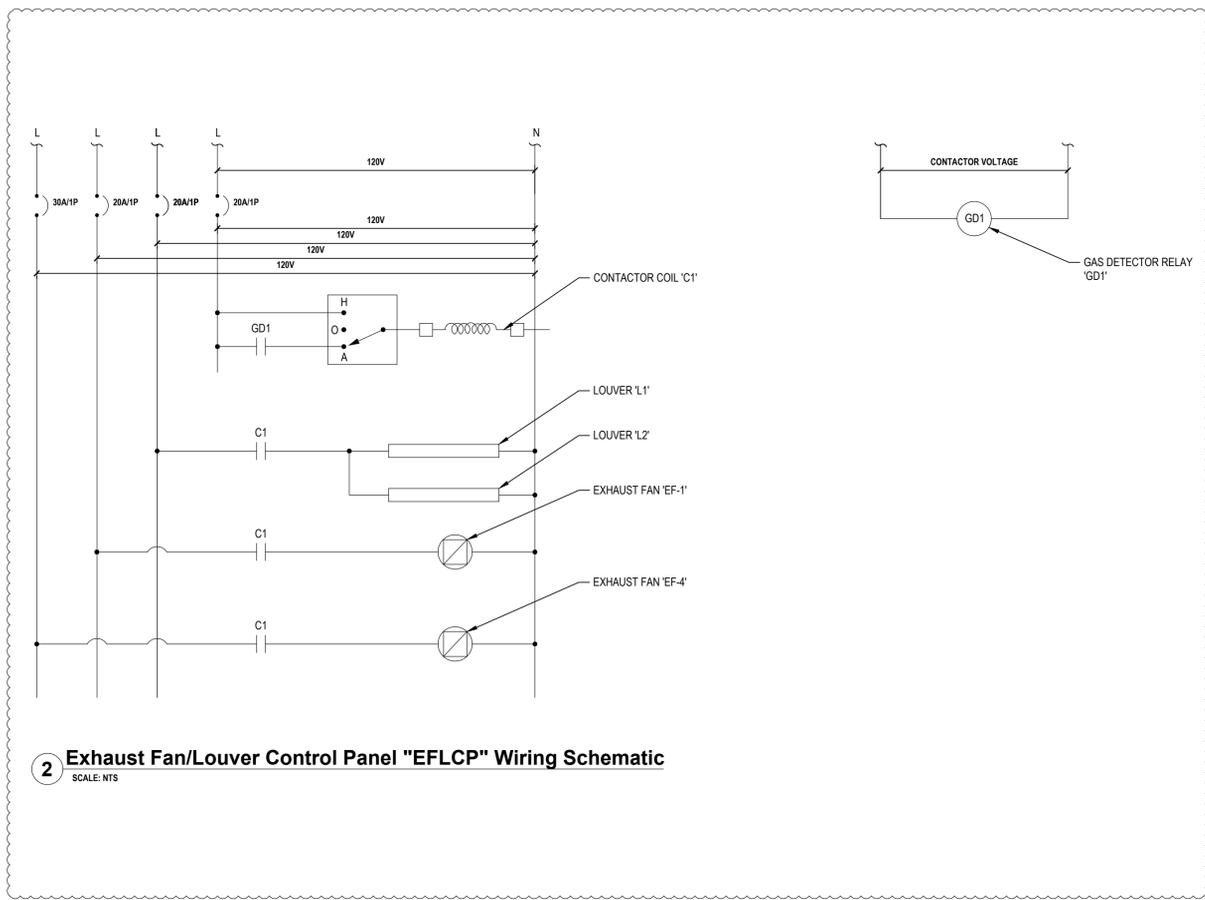
SHEET TITLE  
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**E 501.01**

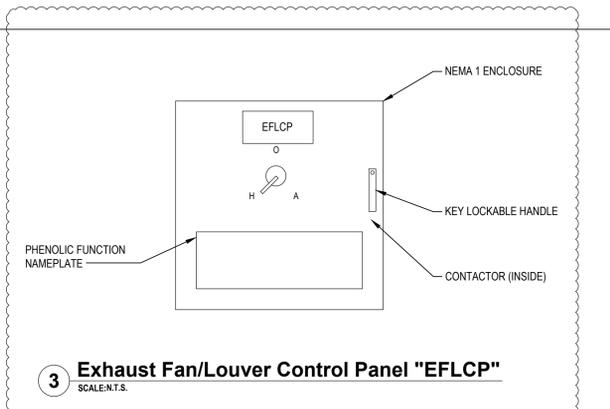


**1 Garage Door Control-Elevation Plan**  
SCALE: NTS

- NOTES:**
- COORDINATE EXACT LOCATIONS (LEFTSIDE/RIGHTSIDE OF DOOR) AND MOUNTING HEIGHTS OF ALL GARAGE DOOR CONTROL EQUIPMENT WITH ARCHITECT/ENGINEER IN FIELD.
  - COORDINATE MOUNTING LOCATION OF GARAGE DOOR MOTOR WITH ARCHITECT/ENGINEER IN FIELD.
  - CONTRACTOR SHALL PROVIDE AND INSTALL EACH CONDUCTOR WITH DISTINCT COLOR.



**2 Exhaust Fan/Louver Control Panel "EFLCP" Wiring Schematic**  
SCALE: NTS



**3 Exhaust Fan/Louver Control Panel "EFLCP"**  
SCALE: N.T.S.

- EXTERIOR LIGHT CONTROL DETAIL NOTE:**
- PROVIDE AND INSTALL NEW CONTROLS, CONTROL WIRING, RELAYS, AND CONTACTORS. INSTALL CONTROLS AND CONTACTORS IN NEW NEMA 1 HINGED DOOR ENCLOSURE. PROVIDE LOCKABLE HANDLE.
  - FUNCTION NAMEPLATE DESCRIPTION:  
EXHAUST FAN 'EF-1' AND 'EF-4' SHALL TURN ON WHEN GAS DETECTION CONTROL PANEL IS ACTIVATED.  
LOUVER 'L-1' AND LOUVER 'L-2' SHALL TURN ON WHEN GAS DETECTION CONTROL PANEL IS ACTIVATED.



**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	LCAT22-40MW-G-EDU-ELL14	LED	22	4000K	UNV	3380	RECESSED	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	5 E 500
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	5 E 500
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	5 E 500
F4		LITEFRAME	HH6IC-LED-900L-DIM10-120-WD-40K-30-CL-WH	LED	12	4000K	UNV	900	RECESSED	-	CEILING	-
F5		HUBBELL	UCS-BELVSL-BEL-12LED-NW-DB-WCV	LED	70	4000K	UNV	7920	SURFACE	-	8'-0" AFG, UON	-
F5E		HUBBELL	UCS-BELVSL-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	5 E 500
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	5 E 500
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	5 E 500
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	5 E 500
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	5 E 500
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	5 E 500
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	5 E 500
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/IRD	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	5 E 500
EXC		COMPASS	APX6G	LED	2	-	UNV	-	SURFACE	NOTE LF1. EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	5 E 500
EM		DUAL LITE	EV2	LED	1	-	UNV	-	SURFACE	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	8'-0" AFF	5 E 500

**LIGHT FIXTURE SCHEDULE NOTE:**

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

**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:**

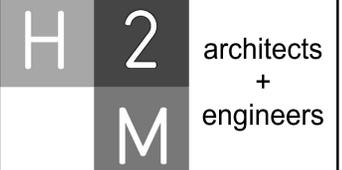
- S1. CONTRACTOR SHALL PROVIDE AND INSTALL COOPER BUSSMAN DISCONNECT SWITCH OR APPROVED EQUAL. REFER TO SPECIFICATION 262816 FOR ADDITIONAL INFORMATION.
- S2. COORDINATE EXACT FUSE SIZE WITH ELEVATOR INSTALLER.
- S3. DISCONNECT SWITCH SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION PER NEC REQUIREMENTS.

**MOTOR STARTER SCHEDULE**

IDENTIFICATION	NEMA SIZE	VOLTS / PHASE	ENCLOSURE TYPE	DISCONNECT AMPS / POLE	ACCESSORIES
MOTOR STARTER SHALL BE FRANKLIN ELECTRIC MODEL NUMBER "BAS" OR APPROVED EQUAL	1	120/1Ø	NEMA 1	20 / 1	H-O-A SWITCH, RUN AND OVERLOAD LIGHT

**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	8 E 500
OS		HUBBELL	LHMTS-1-G-WH	24VDC	RECESSED	WALL MOUNTED OCCUPANCY SENSOR	-	-
RC		HUBBELL	NXRCFX-2RD-UNV	UNV	SURFACE	ROOM CONTROLLER	AFC, UON	8 E 500
OS/V		HUBBELL	OMNI-DT-2000	24VDC	SURFACE	CEILING MOUNTED OCCUPANCY SENSOR/VACANCY SENSOR	CEILING, UON	8 E 500
OS1		HUBBELL	WSP-SF-24V LENS: WSP-L360-WH	24VDC	SURFACE	HI-BAY CEILING MOUNTED OCCUPANCY SENSOR	CEILING, UON	8 E 500
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"	9 E 500



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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 SCHEDULES**

DRAWING No.

**E 600.01**

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GENERAL CONSTRUCTION**

**STATUS  
CONSTRUCTION DOCUMENTS**

**SHEET TITLE  
ELECTRICAL PANEL SCHEDULES**

**DRAWING No.  
E 601.01**

**Name**

Panelboard: MDP Voltage: 208Y/120 Phase: 3 Wire 4 A.I.C. Rating: 65,000  
Manufacturer: SIEMENS Mains: 600 A MCB Mains Rating: 600 A  
Panel Type: P2 Mounting: SURFACE Options: Notes:  
NEMA Type Enclosure 1

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
GP1		225 A	3	1	13196 VA			5520 VA			2	3	50 A	HACR	RTU-1
GP2		150 A	3	3	5342 VA	13254 VA	9150 VA	4200 VA	4200 VA	5520 VA	8	3	45 A	HACR	RTU-2
GP3		150 A	3	15	5910 VA	4520 VA	3382 VA	3480 VA	3480 VA	4200 VA	12	3	40 A	HACR	RTU-3
GP4		225 A	3	17	8600 VA	10632 VA	11139 VA	1000 VA	1176 VA	1176 VA	18	3	40 A	HACR	FIRE ALARM CONTROL PANEL
				19	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	20	3	40 A	HACR	NEW BACK DOOR MOTOR
				21	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	21	3	40 A	HACR	NEW FRONT DOOR MOTOR
				23	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	23	3	40 A	HACR	EFLOR
				25	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	25	3	40 A	HACR	SPACE
				27	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	27	3	40 A	HACR	SPACE
				29	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	29	3	40 A	HACR	SPACE
				31	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	31	3	40 A	HACR	SPACE
				33	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	33	3	40 A	HACR	SPACE
				35	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	35	3	40 A	HACR	SPACE
				37	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	37	3	40 A	HACR	SPACE
				39	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	39	3	40 A	HACR	SPACE
				41	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	41	3	40 A	HACR	SPACE
				43	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	43	3	40 A	HACR	SPACE
				45	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	45	3	40 A	HACR	SPACE
				47	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	47	3	40 A	HACR	SPACE
				49	11408 VA	11408 VA	0 VA	0 VA	0 VA	0 VA	49	3	40 A	HACR	SPACE
				51	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	51	3	40 A	HACR	SPACE
				53	180 VA	0 VA	0 VA	0 VA	0 VA	0 VA	53	3	40 A	HACR	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 Mounting: SURFACE Options: Notes:  
NEMA Type Enclosure 1

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

Connected Totals: A 13.2 kVA B 13.3 kVA C 9.2 kVA Total: 35.6 kVA Amps: 99 A

**Breaker Option**  
AS - Powerlink AS Breaker  
LO - Handle Lock-off Device  
ST - Shunt Trip Type  
AUX - Auxiliary Contacts  
PA - Handle Padlock Attachment  
GFCI - Ground Fault Circuit Interrupter  
HACR - Heating, A/C & Refrigeration  
SF - Subfeed  
TC - Time Clock Control

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

**Name**

Panelboard: GP2 Voltage: 208Y/120 Phase: 3 Wire 4 A.I.C. Rating: 42,000  
Manufacturer: SIEMENS Mains: 150 A MCB Mains Rating: 150 A  
Panel Type: P2 Mounting: SURFACE Options: Notes:  
NEMA Type Enclosure 1

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
APPARTUS BAY 118 RECEPT.		20 A	1	1	1620 VA			360 VA			2	1	20 A		TV RECEPT.
LOBBY RECEPT.		20 A	1	3		540 VA		1000 VA			4	1	20 A		RADIO RM RECEPT.
APPARTUS BAY R108 RECEPT.		20 A	1	5		1800 VA		900 VA		360 VA	6	1	20 A		1ST FLR BTHRM RECEPT.
MECH RM RECEPT.		20 A	1	7	360 VA			900 VA		540 VA	8	1	20 A		LAUNDRY RM RECEPT.
CORRIDOR RECEPT.		20 A	1	9	1080 VA			540 VA		180 VA	10	1	20 A		EXISTING CHIEFS RECEPT.
1ST FLR BTHRM HAND DRYER		20 A	1	11	1000 VA			1000 VA		0 VA	12	1	20 A		ELEVATOR PIT RECEPT.
NEW APPARTUS BAY LTG		20 A	1	13	548 VA			1554 VA		277 VA	14	1	20 A		EXISTING APPARTUS BAY LTG
FIRST FLOOR BACK AREA LTG		20 A	1	15		878 VA		44 VA		0 VA	16	1	20 A		EXTERIOR LTG.
ELEVATOR PIT LTG.		20 A	1	17	0 VA			0 VA		0 VA	18	1	20 A		SPACE
SPARE		20 A	1	19	0 VA			0 VA		0 VA	20	1	20 A		SPACE
SPARE		20 A	1	21	0 VA			0 VA		0 VA	22	1	20 A		SPACE
SPARE		20 A	1	23	0 VA			0 VA		0 VA	24	1	20 A		SPACE
SPARE		20 A	1	25	0 VA			0 VA		0 VA	26	1	20 A		SPACE
SPARE		20 A	1	27	0 VA			0 VA		0 VA	28	1	20 A		SPACE
SPARE		20 A	1	29	0 VA			0 VA		0 VA	30	1	20 A		SPACE
SPARE		20 A	1	31	0 VA			0 VA		0 VA	32	1	20 A		SPACE
SPARE		20 A	1	33	0 VA			0 VA		0 VA	34	1	20 A		SPACE
SPARE		20 A	1	35	0 VA			0 VA		0 VA	36	1	20 A		SPACE
GENERATOR BLOCK HEATER		30 A	2	37	0 VA			0 VA		0 VA	38	2	30 A		SPACE
GENERATOR ACCESSORIES		20 A	1	41	0 VA			0 VA		0 VA	40	1	20 A		SPACE

Connected Totals: A 5.3 kVA B 4.4 kVA C 3.4 kVA Total: 13.1 kVA Amps: 36 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: GP3 Voltage: 208Y/120 Phase: 3 Wire 4 A.I.C. Rating: 42,000  
Manufacturer: SIEMENS Mains: 150 A MCB Mains Rating: 150 A  
Panel Type: P2 Mounting: SURFACE Options: Notes:  
NEMA Type Enclosure 1

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
2ND FLR STORAGE RECEPT.		20 A	1	1	180 VA			1080 VA			2	1	20 A		2ND FLR RECEPT.
OFFICE 210 RECEPT.		20 A	1	3		720 VA		360 VA		900 VA	4	1	20 A		STORAGE R208 RECEPT.
TRAINING ROOF RECEPT.		20 A	1	5		540 VA		360 VA		180 VA	6	1	20 A		TRAINING RM RECEPT.
WOMENS TOILET HAND DRYER	GFCI	20 A	1	7	1000 VA			540 VA		1080 VA	8	1	20 A		WOMENS TOILET RECEPT.
EXISTING MEETINGS RM RECEPT.		20 A	1	9		540 VA		1080 VA		1080 VA	10	1	20 A		EXISTING PROJECTOR RECEPT.
EXISTING MEMBERS RM RECEPT.		20 A	1	11		540 VA		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		180 VA	14	1	20 A		MENS TOILET RECEPT.
2ND FLR CORRIDOR RECEPT.		20 A	1	15		540 VA		180 VA		720 VA	16	1	20 A		PROJECTOR RECEPT.
WATER FOUNTAIN RECEPT.		20 A	1	17		360 VA		280 VA		720 VA	18	1	20 A		ELEVATOR LOBBY RECEPT.
SECOND FLOOR LTG		20 A	1	19	1656 VA			280 VA		1000 VA	20	1	20 A		TRAINING ROOF LTG.
EXISTING TROPHY CASE LTG.		20 A	1	21	1000 VA			0 VA		0 VA	22	1	20 A		EXISTING CUH
SPACE		20 A	1	23	0 VA			0 VA		0 VA	24	1	20 A		SPACE
SPACE		20 A	1	25	0 VA			0 VA		0 VA	26	1	20 A		SPACE
SPACE		20 A	1	27	0 VA			0 VA		0 VA	28	1	20 A		SPACE
SPACE		20 A	1	29	0 VA			0 VA		0 VA	30	1	20 A		SPACE

Connected Totals: A 5.9 kVA B 4.5 kVA C 4.7 kVA Total: 15.1 kVA Amps: 42 A

**Breaker Option**  
AS - Powerlink AS Breaker  
LO - Handle Lock-off Device  
ST - Shunt Trip Type  
AUX - Auxiliary Contacts  
PA - Handle Padlock Attachment  
GFCI - Ground Fault Circuit Interrupter  
HACR - Heating, A/C & Refrigeration  
SF - Subfeed  
TC - Time Clock Control

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

**Name**

Panelboard: GP4



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

**FIRE ALARM LEGENDS AND RISER DIAGRAMS**

DRAWING No.

**FA 001.01**

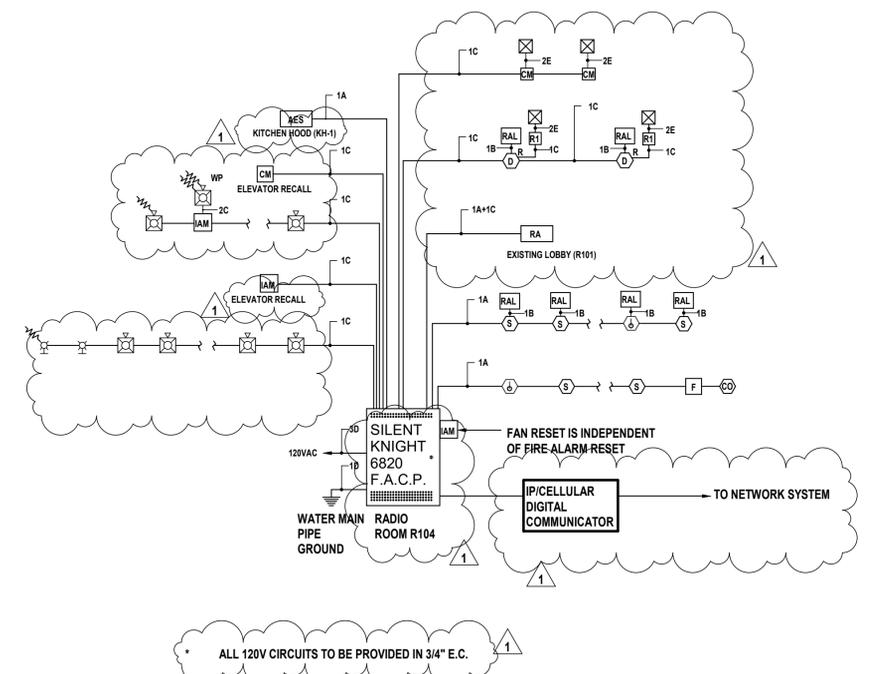
**FIRE ALARM SHEET LIST**

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
FACP	FIRE ALARM CONTROL PANEL	
RA	REMOTE ANNUNCIATOR WITH BACKBOX	
SD	SMOKE DETECTOR	
SD-CO	SMOKE DETECTOR WITH CARBON MONOXIDE AND LOCAL TEMPORAL 'Y' SOUNDER BASE	
SD-COIB	SMOKE DETECTOR WITH CARBON MONOXIDE AND INTEGRAL SOUNDER BASE	
SD-CO	CARBON MONOXIDE DETECTOR	
SD-CO	ABOVE CEILING SMOKE DETECTOR WITH REMOTE ALARM LAMP	
SD-CO	DUCT DETECTOR WITH REMOTE ALARM LAMP, "Y" DENOTES SUPPLY, "R" DENOTES RETURN	
HD	HEAT DETECTOR	
HD-200	HEAT DETECTOR 200"	
HS	HORNSTROBE COMBO	
HS-WP	WEATHER PROOF HORNSTROBE COMBO WITH BACKBOX	
AM	ADAPTER MODULE WITH MOUNTING PLATE	
SH	SMOKE HATCH (F.B.O.)	
ST	STROBE	
MH	MAGNETIC DOOR HOLDER	
DR	DOOR RELEASE RELAY	
MS	MANUAL PULL STATION WITH BACKBOX	
R	RELAY	
AM	INDIVIDUAL ADDRESSABLE MODULE	
CM	CONTROL MODULE	
AE	AUTOMATIC EXTINGUISHING SYSTEM	
MS	MOTOR STARTER	
EL	END OF LINE RESISTOR	
BT	BEAM DETECTOR TRANSMITTER	
BR	BEAM DETECTOR RECEIVER	
SP	SURGE PROTECTOR	
B	BELLSTROBE	
SD	SMOKE DETECTOR FOR ELEVATOR RECALL	
SRP	SUPPRESSION RELEASING PANEL	
MS	MAINTENANCE SWITCH	
SK	SOLIDIOD (F.B.O.)	
PS	PRESSURE SWITCH	
TS	TAMPER SWITCH	
FS	FLOW SWITCH	
CS	COIL SUPERVISORY (F.B.O.)	
CL	AIR COMPRESSOR, LOW PRESSURE (F.B.O.)	
CH	AIR COMPRESSOR, HIGH PRESSURE (F.B.O.)	
SB	STAGE 2 BELL	

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

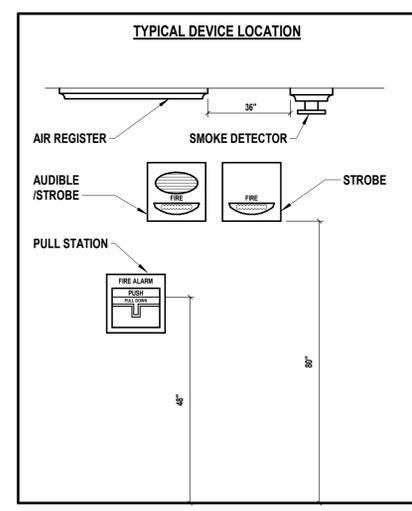


ALL 120V CIRCUITS TO BE PROVIDED IN 3/4" E.C.

**WIRE LEGEND**

	WIRE DESCRIPTION	TYPE	NOTES
A	1 PAIR TWISTED SHIELDED #18 AWG	FPLP	-
B	1 PAIR #18 AWG, NON-SHIELDED	FPLP	-
C	1 PAIR #14 AWG, NON SHIELDED	FPLP	-
D	#12 AWG, NON SHIELDED	THHN	*
E	#14 AWG, NON SHIELDED	THHN	-
F	1 PAIR TWISTED SHIELDED #16 AWG.	FPLP	-

1 Fire Alarm Riser Diagram (NOTE 22)  
SCALE: AS SHOWN



2 Typical Fire Alarm Device Location  
SCALE: AS SHOWN

	CONTROL UNIT ANNUNCIATION	NOTIFICATION	SUPPLEMENTARY
ACTUATE COMMON ALARM SIGNAL INDICATOR	●	●	●
ACTUATE VISUAL ALARM SIGNAL	●	●	●
ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	●	●	●
ACTUATE COMMON TROUBLE SIGNAL	●	●	●
ACTUATE ZONE INDICATION	●	●	●
ACTUATE FULL BUILDING EVACUATION SIGNAL	●	●	●
DISPLAY CHANGE OF STATUS	●	●	●
TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	●	●	●
TRANSMIT SUPERVISION SIGNAL TO SUPERVISING STATION	●	●	●
TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	●	●	●
HVAC FAN SHUTDOWN	●	●	●
INITIATE EXTERIOR STROBE	●	●	●

3 Fire Alarm Sequence of Operations  
SCALE: AS SHOWN



CONSULTANTS:

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1	1/19/2022	Addendum #1

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

**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



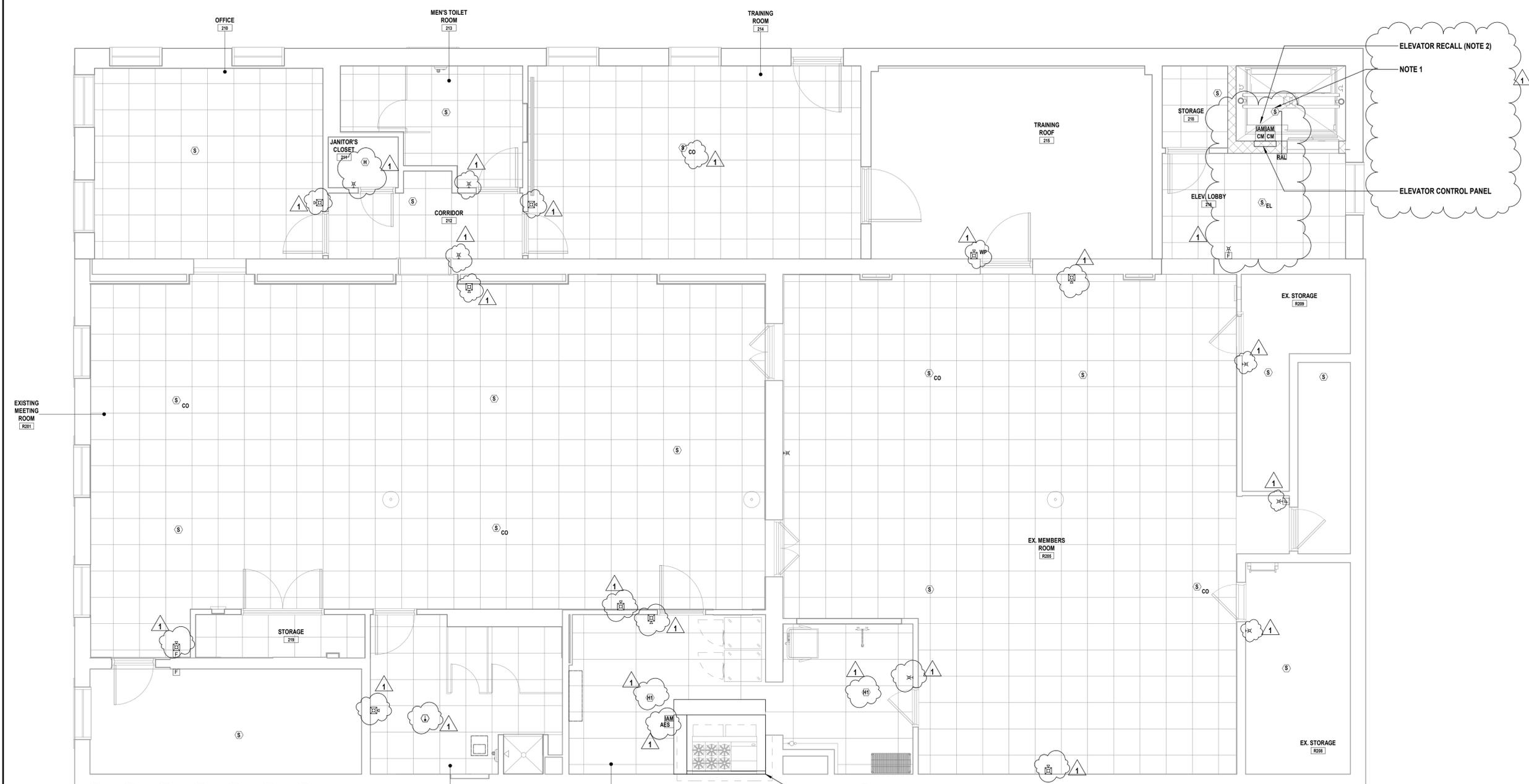
99 MAIN STREET, MOUNT KISCO, NY 10549

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

**CONSTRUCTION DOCUMENTS**

**FIRE ALARM PLAN**  
**SECOND FLOOR**

**FA 102.01**



**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.

CONSULTANTS:

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

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

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**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO MUTUAL STATION**



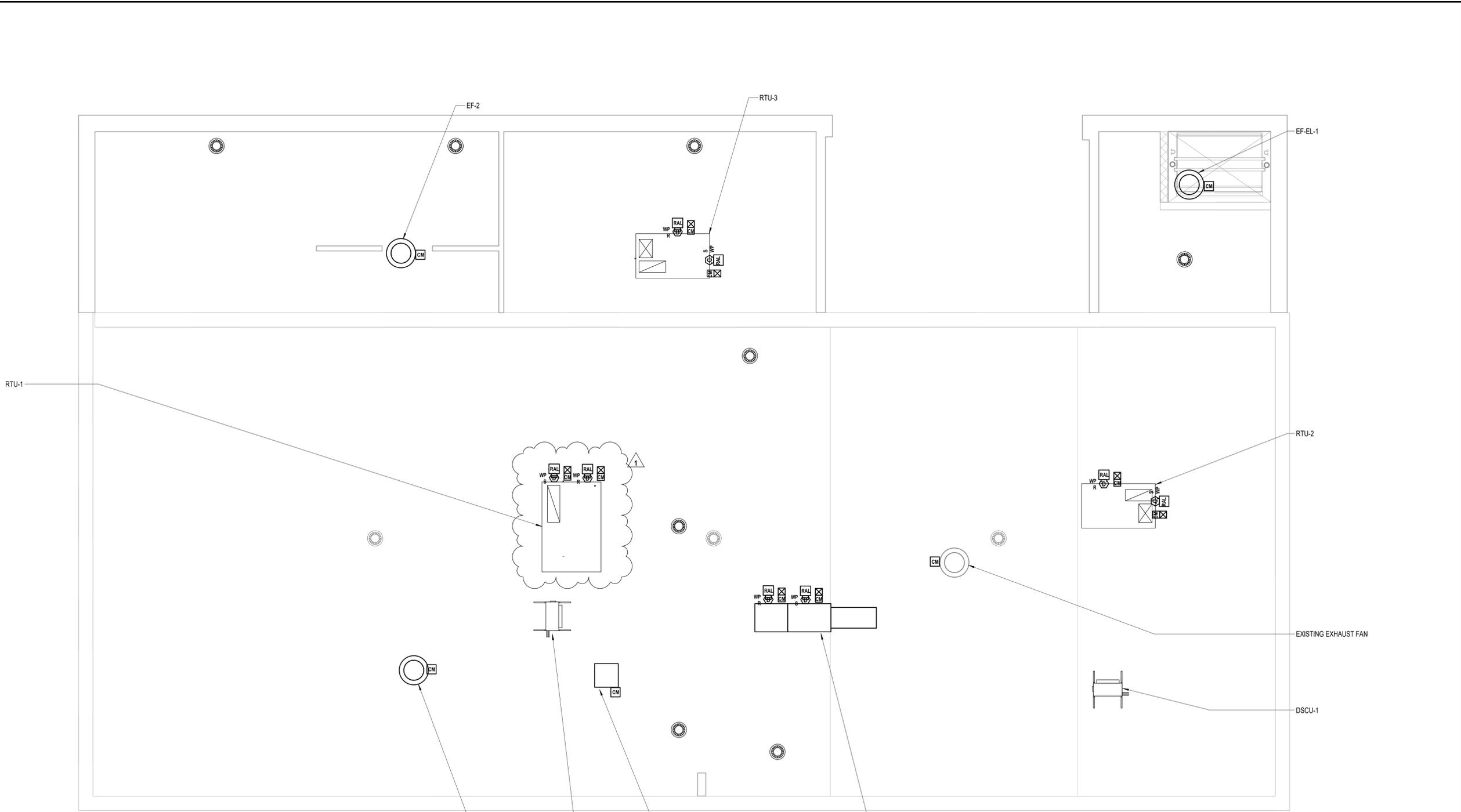
99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT  
**CONTRACT G**  
GENERAL CONSTRUCTION

STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
1  
**FIRE ALARM PLAN ROOF**

DRAWING No.  
**FA 103.01**



1 **Fire Alarm Plan Roof**  
SCALE: 1/4" = 1'-0"

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

**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO INDEPENDENT FIRE COMPANY**



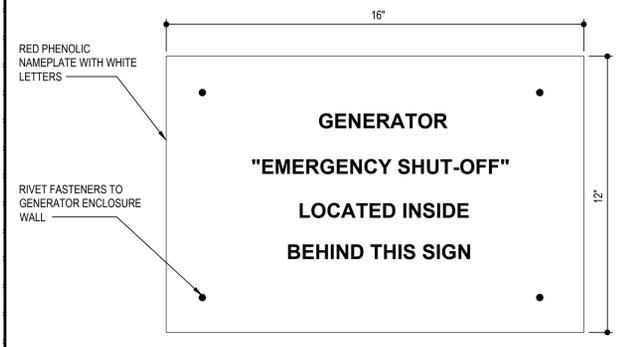
322 Lexington Ave  
Mount Kisco, NY 10549

CONTRACT  
**CONTRACT G**  
GENERAL CONSTRUCTION

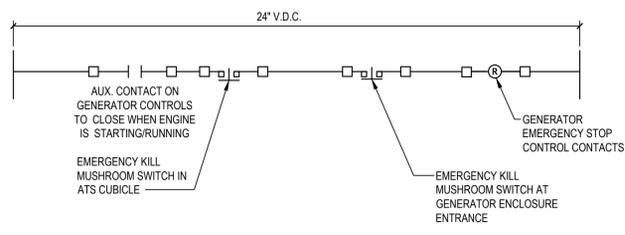
STATUS  
**CONSTRUCTION DOCUMENTS**

SHEET TITLE  
**ELECTRICAL GENERATOR DETAILS**

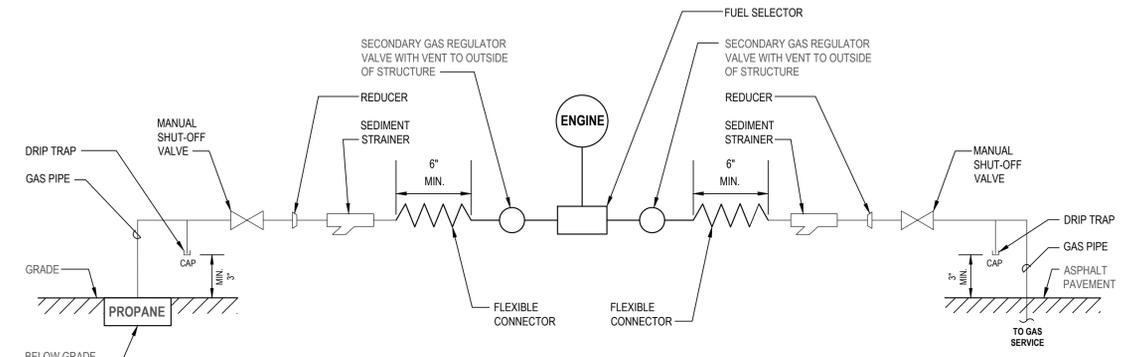
DRAWING No.  
**E 540.01**



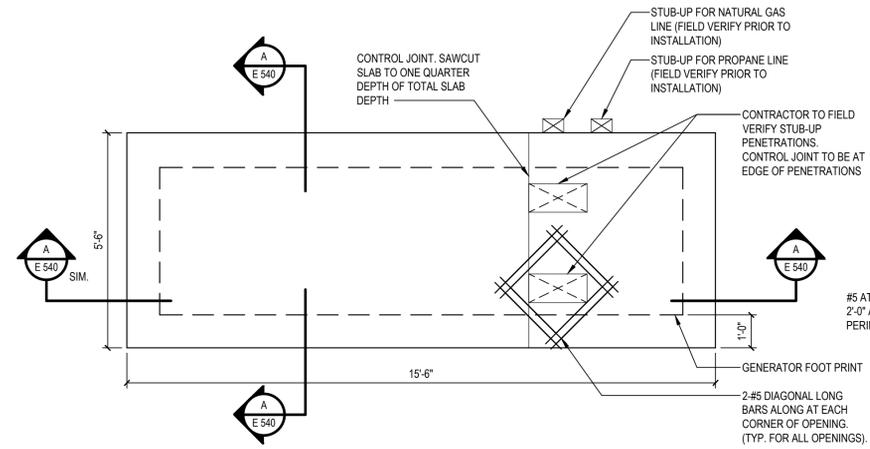
**1 Emergency Shut-Off Name Plate**  
SCALE:N.T.S.



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

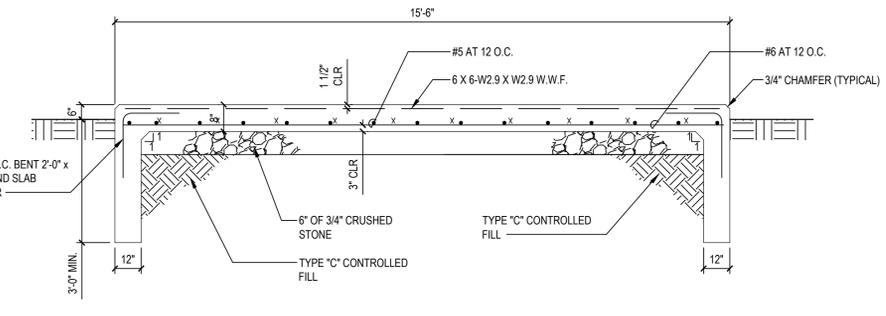


**3 Fuel Supply Schematic**  
SCALE:N.T.S.



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

- NOTE:**
- PAD DIMENSION BASED ON SPECIFIED EQUIPMENT. 1'-0" MIN ALL AROUND
  - ALL CONCRETE TO BE 4000 PSI AIR-ENTRAINCIS (65 +/- 1%)

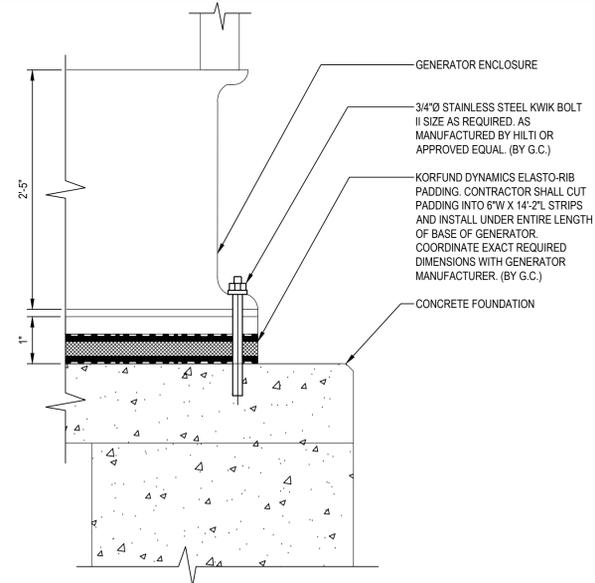


**Section A-A**  
SCALE:N.T.S.



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

- NOTE:**
- "NO SMOKING" SIGNS SHALL BE PLACED CONSPICUOUSLY AT ALL ENTRANCES TO PREMISES.



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



CONSULTANTS:

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

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

**VILLAGE OF MOUNT KISCO**

**ADDITIONS AND ALTERATIONS TO INDEPENDENT FIRE COMPANY**



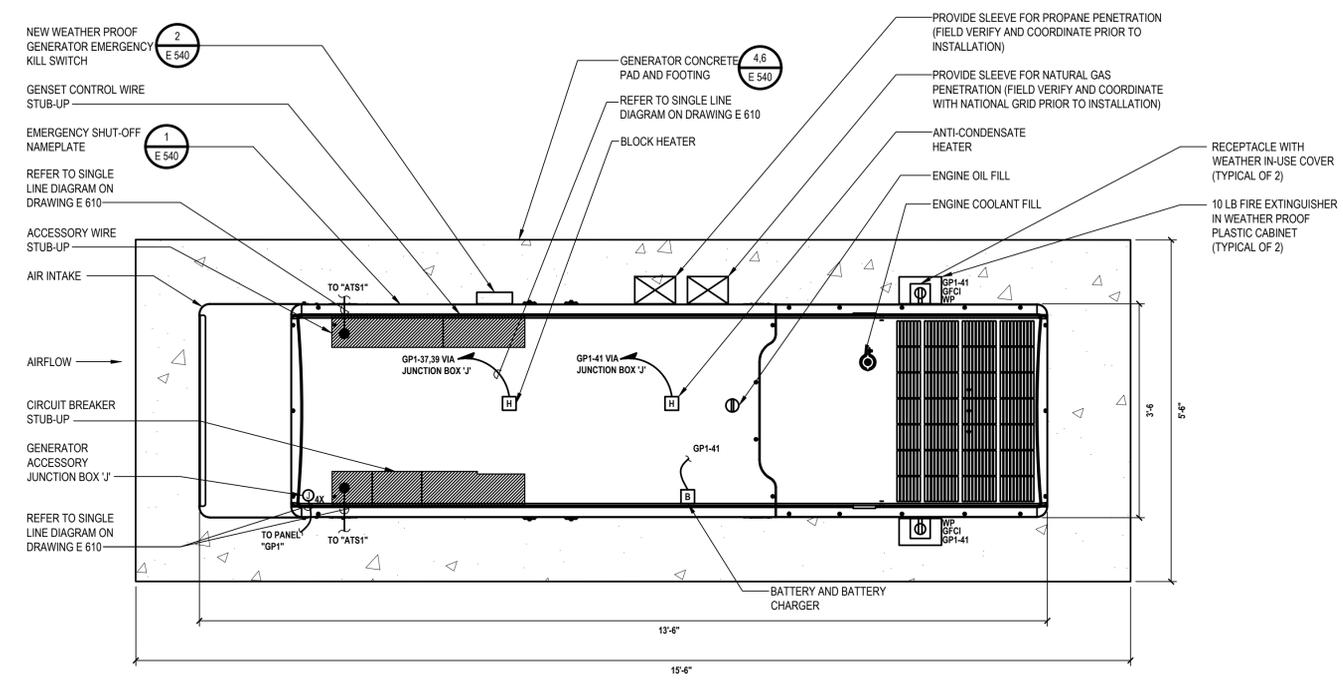
322 Lexington Ave  
Mount Kisco, NY 10549

**CONTRACT G  
GENERAL CONSTRUCTION**

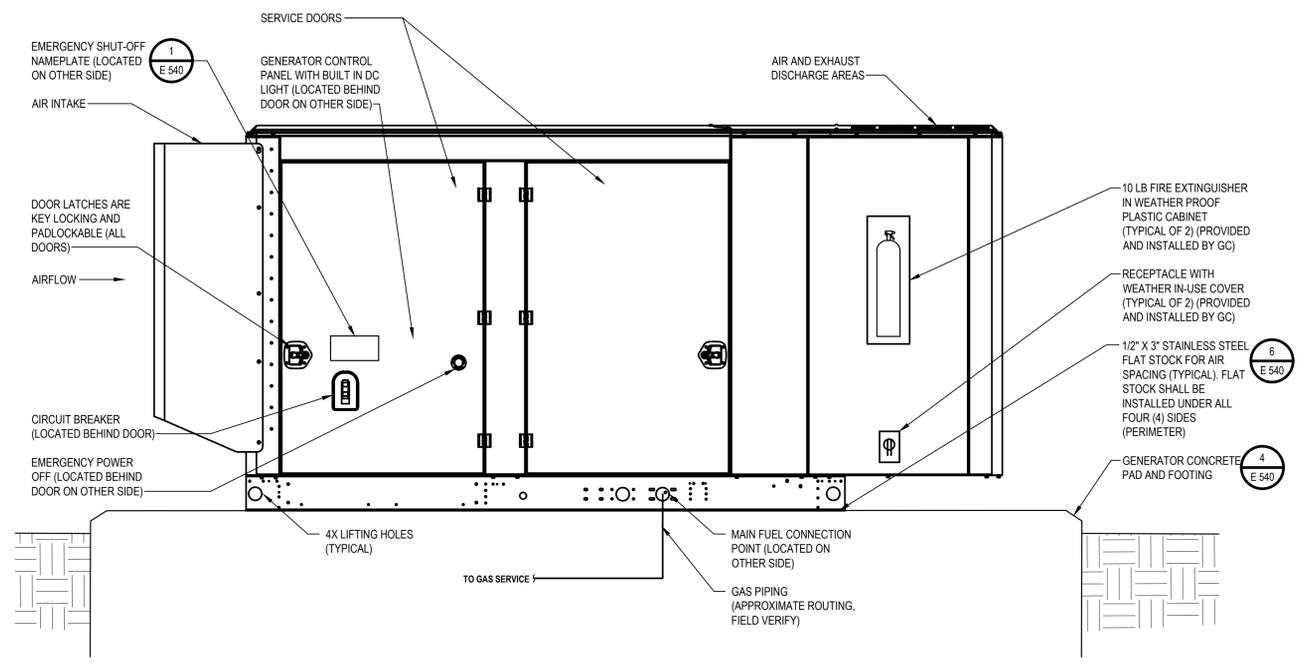
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**SHEET TITLE  
ELECTRICAL GENERATOR PLAN**

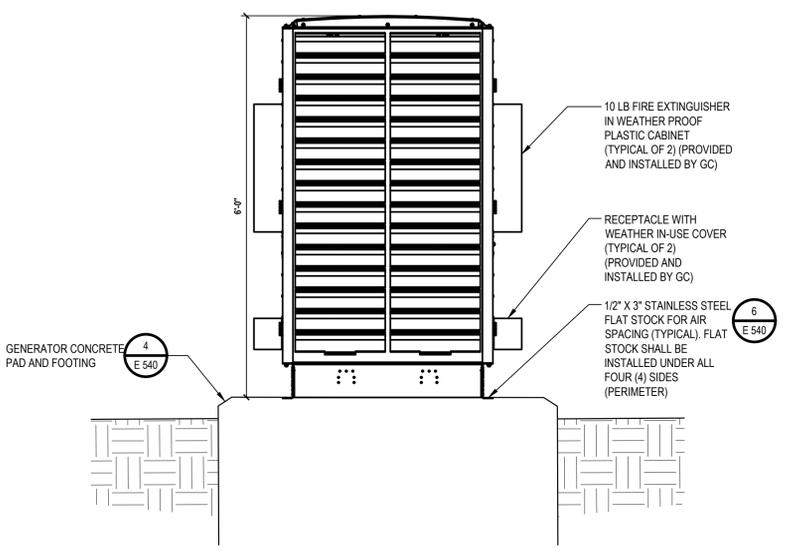
**DRAWING No.  
E 140.01**



**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"