

To:

All Bidders

From:

Michael R. Berta, AIA

Date:

October 10, 2025

Subject:

Addendum No 1

Please take note of the following clarifications or additions to the bid package.

- 1) All patching will be the responsibility of the general contractor.
- 2) Section 000115 List of drawings has been updated.
- 3) The through wall exhaust fans for both buildings have been made part of the base bid.

Drawings Modifications:

- A. Drawing M-001 Symbols, Abbreviations and Notes 10-10-2025 Addendum #1 Added drawing to the contract set.
- B. Drawing M-201 First Floor Plans Buildings 1 & 2 10-10-2025 Addendum #1 Added drawing to the contract set.
- Drawing P-001 Symbols List, Abbreviations, Specifications and Notes 10-10-2025 Addendum #1 Added drawing to the contract set.
- D. Drawing P-201 First Floor Plan, Detail and Notes 10-10-2025 Addendum #1 Added drawing to the contract set.
- E. Drawing E-301 Electrical One-line Diagram and Keyed Notes 10-10-2025 Addendum #1

Add testing and commissioning of the electrical system.

Added keyed note number 39

Added temporary portable generator for testing and commissioning

Respectfully Submitted.

Michael R. Berta, AIA

Principal

DOCUMENT 000115 - LIST OF DRAWING SHEETS

PART 1 - GENERAL

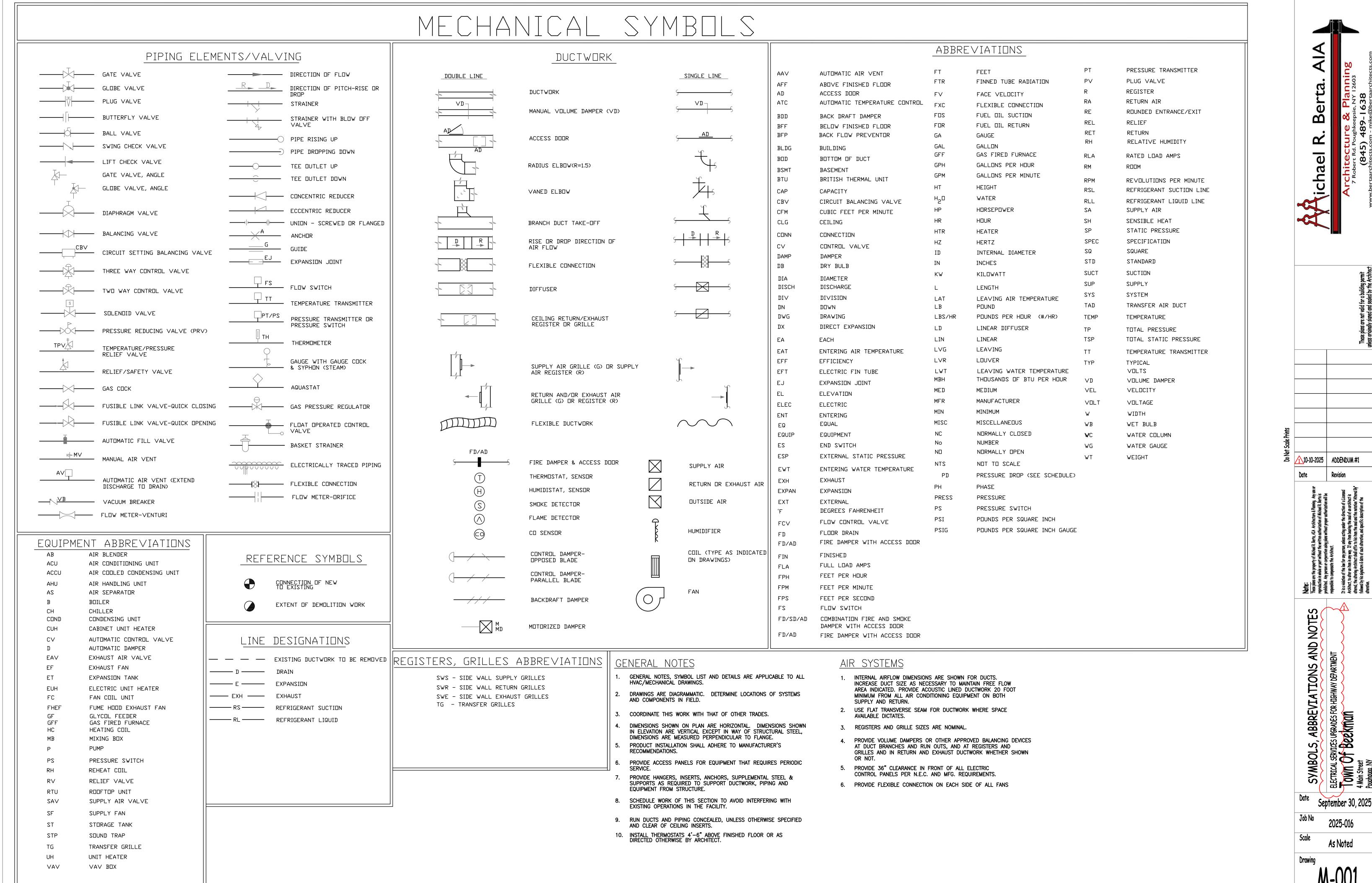
1.1 LIST OF DRAWINGS

- A. Drawings: Drawings consist of the Contract Drawings and other drawings listed on the Table of Contents page of the separately bound drawing set titled Proposed Garage Electrical upgrades for Highway Garage Buildings No 1 & 2 Town of Beekman, dated September 30, 2025, as modified by subsequent Addenda and Contract modifications.
- B. List of Drawings: Drawings consist of the following Contract Drawings and other drawings of type indicated:

E-001	Electrical Symbols List, Abbreviations and List Of Electrical Drawing
E-002	Electrical Specific
E-201	Ground Floor Plan Building Number 1, Panel Schedule and Keyed Notes
E-202	Ground Floor Plan Building Number 2, Panel Schedule and Keyed Notes
E-203	Electrical Site Plans and Keyed Notes.
E-301	Electrical One-Line Diagram and Keyed Notes.
M-001	Symbols, Abbreviations and Notes
M-201	Floor Plans for Buildings 1 & 2
P-001	Symbol List, Abbreviations, Specifications and Notes
P-201	Floor Plan, Details and Notes

PART 2 - PRODUCTS (Not Used) PART 3 - EXECUTION (Not Used)

END OF DOCUMENT 000115

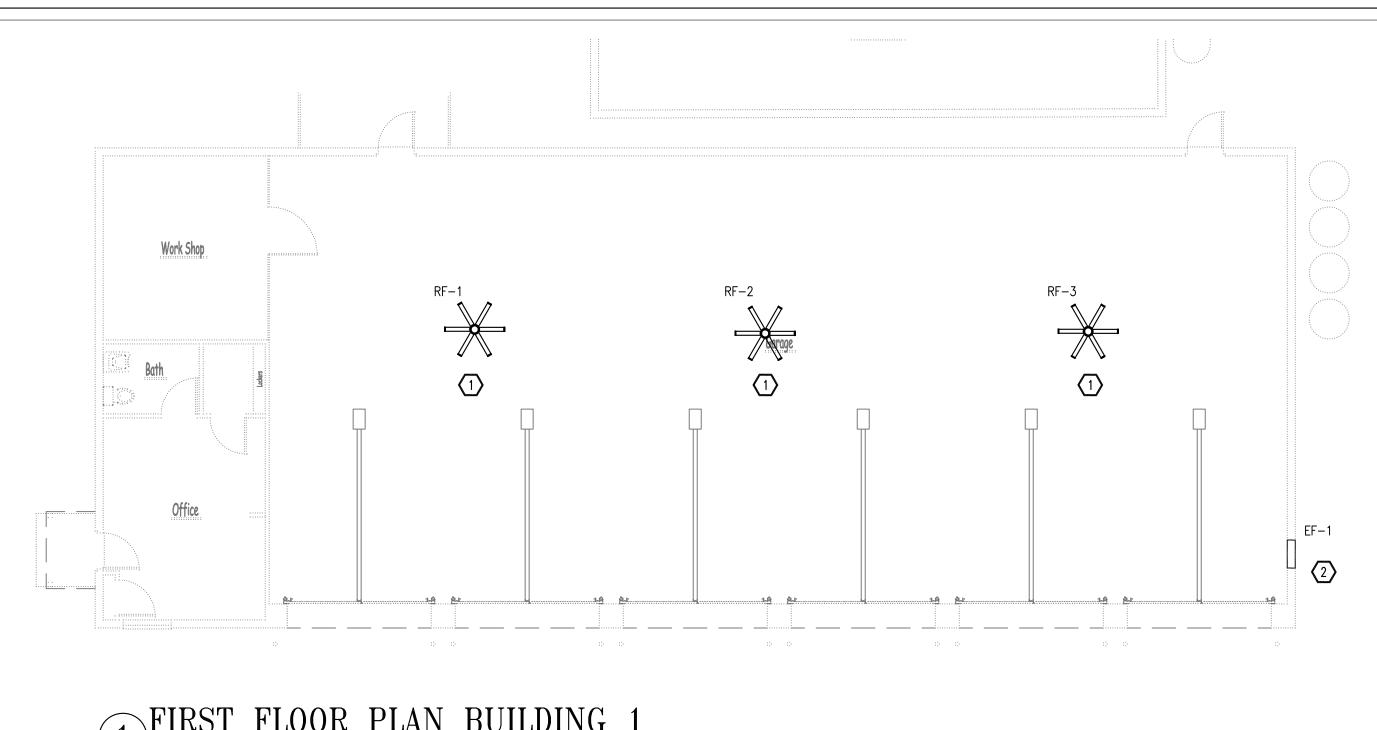


one eighth inch = one foot

0 4 8 16

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9-30-2025 ISSUED FOR PRICING



FIRST FLOOR PLAN BUILDING 1 SCALE: 1/8"=1'-0"



FAN No.

EF-1,2

F-1,2,3,4,5,6

SERVICED

GARAGE

CONSTRUCTION NOTES

- RECIRCULATING FANS SHALL BE BID AS ALTERNATE 1.
- ~~~~~\1\ THROUGH WALL EXHAUST FAN SHALL BID AS BASE BID.
- EXTEND TYPE B VENT TO 3 FEET ABOVE ANYTHING WITHIN 10 FEET.

SPECIFICATIONS

SECTION 2200000 - HEATING, VENTILATION & AIR CONDITIONING

PART 1 — GENERAL

FEDERAL CODES, NEW YORK STATE CODES AND LOCAL CODES APPLY TO THIS WORK.

1.01 DESCRIPTION OF THE WORK:

A. HEATING, VENTILATING, AND AIR CONDITIONING WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING AREAS:

1. FANS

2. THERMOSTATS 3. MOTORIZED DAMPERS 4. VENTS

B. COORDINATE WITH THE ELECTRICAL CONTRACTOR, (EC) THE WIRING, POWER, CONTROL, PROTECTION, AND CIRCUITING OF ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, VALVES, MOTORS, SENSORS, TEMPERATURE CONTROLLERS, AIR HANDLERS, AIR CONDITIONING CONDENSERS, EXHAUST FANS, RESISTANCE HEATING EQUIPMENT, OUTSIDE AIR DAMPERS, SIGNALING AND CONTROL EQUIPMENT, AND OTHER MECHANICAL EQUIPMENT, WHETHER LOW-VOLTAGE OR HIGH-VOLTAGE FOR A COMPLETE HVAC AND PLUMBING SYSTEM, SHOWN ANYWHERE IN THESE DRAWINGS OR DESCRIBED ANYWHERE IN THESE SPECIFICATIONS. SIZE WIRING AND CIRCUITS IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

1.02 QUALITY ASSURANCE:

A. COMPLY WITH PROVISIONS OF THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE SHOWN OR SPECIFIED. 1. CODES AND STANDARDS: COMPLY WITH THE NEW YORK STATE AND LOCAL CODES; NFPA #90A AND #90B, AND THE RULES AND REGULATIONS OF THE APPLICABLE UTILITY COMPANIES.

B. COORDINATE LOCATION OF DUCTWORK TO AVOID INTERFERENCE WITH LOCATION OF DESIGNATED LIGHTING FIXTURE LOCATIONS. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF CONFLICTS WHICH CANNOT BE RESOLVED.

1.03 STANDARDS AND COMPLIANCE:

A. THERMAL PERFORMANCE OF INTERIOR BUILDING ENVELOPE SHALL MEET THE GUIDELINES ESTABLISHED BY ASHRAE.

B. INSTALLATION, DESIGN, CLEARANCES AND PROTECTION OF ALL SUPPLY AND EXHAUST OPENINGS SHALL COMPLY WITH THE NEW YORK STATE AND LOCAL CODES AND ALL MANUFACTURERS' RECOMMENDATIONS.

1.04 COORDINATION WITH DRAWINGS:

A. DRAWINGS REPRESENT A SCHEMATIC LAYOUT OF DUCTS AND DIFFUSERS TO ACHIEVE AN APPROXIMATION OF THE PERFORMANCE INTENDED FOR THE GEOGRAPHIC AREA. SOME ADJUSTMENT IN DUCT DISTRIBUTION, DIFFUSER LOCATION, PLENUM SIZE CHANGES AND OTHER MODIFICATIONS ARE ACCEPTABLE WHEN SUPPORTED WITH SUBMITTALS SHOWING DESIGN DATA, CFM RATINGS, AND OTHER INFORMATION SUPPORTING THE DESIGN INTENTS..

1.05 SUBMITTALS:

A. SUBMIT FOR APPROVAL SHOP DRAWINGS, PRODUCT DATA, FIXTURE AND EQUIPMENT CATALOG CUTS.

1.07 ACCESSIBILITY:

A. ALL INDIVIDUAL ITEMS OF EQUIPMENT AND COMPONENTS THEREOF SHALL BE COMPLETELY ACCESSIBLE FOR REPAIR, REMOVAL OR REPLACEMENT WITHOUT FUNCTIONAL IMPAIRMENT OR DISMANTLING OF ANY ADJOINING SURFACES OR ASSEMBLIES, AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

PART - 2 PRODUCTS

2.01 VENTS, DAMPERS & THERMOSTATS:

A. THERMOSTATS: 7-DAY PROGRAMMABLE THERMOSTATS WITH MINIMUM 4 DAILY OCCUPIED & UNOCCUPIED SETTING AND TEMPERATURE—HOLD SETTINGS. MANUFACTURED BY HONEYWELL, JOHNSON CONTROLS, OR EQUAL. SEE SEQUENCE OF OPERATIONS ON DRAWINGS FOR THERMOSTAT FUNCTION, HEATING AND COOLING MODES, OUTSIDE AIR MODES, AND OTHER OPERATIONS.

B. MOTORIZED DAMPER: PROVIDE LOW LEAKAGE MOTORIZED DAMPER AT EXHAUST FAN.

C. VENTS FOR RADIANT HEATERS SHALL BE TYPE B.

PART 3 - EXECUTION

3.01 GENERAL

A. COORDINATE LOCATION OF ALL THRU-ROOF VENTS, STACKS AND OTHER PENETRATIONS NOT LESS THAN TEN (10) FEET AWAY FROM THE OUTSIDE AIR INTAKE VENTS (OR OTHER BUILDING OPENINGS) SHOWN ON DRAWINGS.

B. CUTTING AND NOTCHING: ALL CUTTING, NOTCHING, AND DRILLING SHALL BE DONE WITHIN THE LIMITS SET FORTH IN ARCHITECTURAL SPECIFICATIONS OR AS OTHERWISE DESCRIBED IN THIS SECTION.

C. TESTS: EACH SYSTEM SHALL BE TESTED TO INSURE THAT THE INTENT STATED ABOVE HAS BEEN REALIZED. TEMPERATURES AND EQUIPMENT NOISE LEVELS SHALL BE CHECKED TO INSURE PROPER EQUIPMENT OPERATION. AIR FLOW AT EACH DIFFUSER SHALL BE CHECKED TO INSURE PROPER AND UNRESTRICTED FLOW OF AIR THROUGH THE DUCT SYSTEM.

3.02 SEQUENCE OF OPERATION

SHOP FANS SHALL OPERATE FROM A LOCAL SPEED SWITCH.

EXHAUST FANS SHALL OPERATE FROM A LOCAL THERMOSTAT.

FAN SCHEDULE TOTAL S.P. IN. WAT. CFM RPM VOLT BHP WATTS DRIVE TYPE CLASS ROTATION MANUFACTURER AND MODEL No. ARR. HP 120 BIG ASS FANS 16 60 CEILING 12,616 36 120 GREENHECK SE1-16-436-VG 60 DIRECT WALL 3400 .55 3/4 PROVIDE WALL HOUSING AND MOTORIZED DAMPER FOR EF-1 AND 2.

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2 FIRST FLOOR PLAN BUILDING 2 SCALE: 1/8"=1'-0"

one eighth inch = one foot 0 + 8 = 16

9-30-2025 ISSUED FOR PRICING
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FIRST FLOOR PLANS BUILDINGS 1 ELECTRICAL SERVICES UPGRADES FOR HI
TOWN OF BEEKMAN
4 Main Street
Poudhauaa. NY

September 30, 2025 2025-016

PLUMBING GENERAL NOTES

INTENT OF DRAWINGS DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK, BASIC DESIGN CONCEPTS INDICATED ARE MINIMAL AND MUST BE FOLLOWED OR BETTERED. DO NOT SCALE DRAWINGS. CONSULT ARCHITECTURAL DRAWINGS FOR SPACE CONDITIONS.

WORK IS NOT SHOWN IN FINITE DETAIL BUT IS INTENDED TO INCLUDE ITEMS NECESSARY FOR COMPLETION AND PROPER OPERATION. COORDINATION OF WORK

CAREFULLY CHECK SPACE REQUIREMENTS WITH OTHER TRADES TO INSURE THAT ALL MATERIALS CAN BE INSTALLED IN THE SPACES ALLOTTED THERETO, INCLUDING FINISHED SUSPENDED CEILINGS. TRANSMIT TO OTHER TRADES ALL INFORMATION REQUIRED FOR WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR

WHEREVER WORK INTERCONNECTS WITH WORK OF OTHER TRADES, COORDINATE WITH OTHER TRADES TO INSURE THAT ALL TRADES HAVE THE NECESSARY CONNECTIONS AND EQUIPMENT. IDENTIFY ALL WORK ITEMS (VALVES, DRAINS, ETC.) IN AN APPROVED MANNER IN ORDER THAT THE GENERAL CONTRACTOR WILL KNOW WHERE TO INSTALL ACCESS DOORS AND PANELS, CONSULT WITH OTHER TRADES REGARDING EQUIPMENT SO, WHEREVER POSSIBLE, MOTORS AND

INSTALLATION. ALL WORK IS NEW UNLESS DESIGNATED AS EXISTING.

FURNISH AND SET ALL SLEEVES FOR PASSAGE OF PIPES AND CONDUITS THROUGH STRUCTURAL MASONRY, CONCRETE WALLS AND FLOORS, AND ELSEWHERE AS WILL BE REQUIRED FOR THE PROPER PROTECTION OF EACH PIPE PASSING THROUGH BUILDING SURFACES PROVIDE REQUIRED SUPPORTS AND HANGERS FOR PIPING. FIXTURES AND EQUIPMENT, SO LOADING WILL NOT EXCEED ALLOWABLE LOADINGS OF STRUCTURE.

CONTROLS ARE OF THE SAME MANUFACTURE.

ALL CUTTING AND PATCHING REQUIRED FOR PLUMBING WORK IN THE BUILDING STRUCTURE SHALL BE DONE BY THE GENERAL CONTRACTOR. PROVIDE ALL ITEMS AND WORK CALLED FOR IN THIS DIVISION OF THE SPECIFICATIONS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS INCLUDES ALL INCIDENTALS, EQUIPMENT, APPLIANCES, SERVICES, HOISTING, SCAFFOLDING, SUPPORTS, TOOLS, SUPERVISION, LABOR CONSUMABLE ITEMS, FEES, LICENSES, ETC., NECESSARY TO PROVIDE COMPLETE SYSTEMS. PERFORM START UP AND CHECK OUT ON EACH ITEM AND SYSTEM TO PROVIDE FULLY OPERABLE SYSTEMS.

COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS. COMPLY WITH ALL FEDERAL, STATE, CITY, AND OTHER APPLICABLE CODES AND ORDINANCES SUBJECT TO PLUMBING DESIGN. IF ANY CONFLICT ARISES BETWEEN THESE SPECIFICATIONS, CODES AND ORDINANCES, IMMEDIATELY NOTIFY THE ARCHITECT. DO NOT DEVIATE FROM THE SPECIFICATIONS NOR INSTALL ANY WORK WHICH MAY BE IN CONFLICT WITH CODES AND ORDINANCES UNTIL THE CONFLICT IS RESOLVED AND THE SOLUTION APPROVED BY THE ARCHITECT.

NEW YORK STATE BUILDING CODE AND PLUMBING CODE. PIPE HANGERS AND SUPPORTS: MSS SP-58.

AWWA STANDARDS. UL COMPLIANCE. COMPLY WITH REQUIREMENTS OF LOCAL UTILITY COMPANY.

CONFORM THE PLUMBING WORK TO THE REQUIREMENTS HEREIN. PROVIDE OFFSETS, FITTINGS, DRAINS, AND ACCESSORIES WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK, AND ARRANGE THE WORK ACCORDINGLY. PROVIDE SUCH PIPING, FITTINGS, VALVES, AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.

WORKMANSHIP: ONLY THE BEST OF WORKMANSHIP IN ACCORDANCE WITH PRESENT STANDARDS WILL BE ACCEPTABLE. ANY WORK INSTALLED AND ADJUDGED BY THE ENGINEER TO BE BELOW STANDARDS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

PERMITS AND FEES

PLACE VALVES, UNIONS, DRAINS, AND ITEMS REQUIRING MAINTENANCE, ADJUSTMENT, OR REPAIR, IN ACCESSIBLE LOCATIONS. ESTABLISH CEILING MARKER LOCATIONS AND SIZES.

ELECTRICAL CONNECTIONS

POWER SUPPLY AND ALARM WIRING WILL BE PROVIDED UNDER ELECTRICAL. TO FACILITATE ELECTRICAL CONNECTIONS EQUIP ELECTRICAL ITEMS WITH NEMA ENCLOSURES HAVING ADEQUATE KNOCKOUTS, CONNECTORS, TERMINAL BLOCKS AND/OR CONTACTS.

ALL PIPING SHALL BE INSTALLED PER SEISMIC REQUIREMENT.

PIPE SLEEVE INSTALLATION

PROVIDE FOR PIPING PASSING THROUGH WALLS, PARTITIONS, AND SLAB SLEEVES SIZED AT LEAST 1 INCH LARGER THAN OD OF PIPE FOR UNINSULATED LINES AND OF PIPE PLUS INSULATION FOR INSULATED LINES. SLEEVES ARE REQUIRED FOR PIPING PASSING THROUGH FIRE-RATED WALLS CONSTRUCTED OF METAL STUDS AND GYPSUM WALLBOARD. FLANGE ENDS OF SLEEVES TIGHT TO BOTH SIDES OF WALL. TERMINATE SLEEVES THROUGH WALLS, PARTITIONS, AND CEILINGS FLUSH WITH FINISHED SURFACES; THROUGH SLABS 1/2" ABOVE FLOOR FINISH IN HABITABLE SPACES AND 2" ABOVE ROUGH FINISH IN PIPE SPACES AND OTHER UNFINISHED AREAS. FILL VOID SPACES BETWEEN PIPING AND PIPE SLEEVES WITH

PENETRATION SEAL, OR WITH MINERAL WOOD SEALED WITH FIRE TESTED

AND APPROVED ELASTOMERIC CAULKING MATERIALS.

<u>SUBMITTALS</u>

PRODUCT DATA: SUBMIT MANUFACTURER'S TECHNICAL PRODUCT DATA, INCLUDING RATED CAPACITIES OF SELECTED MODEL CLEARLY INDICATED, FURNISHED SPECIALTIES AND ACCESSORIES; AND INSTALLATION INSTRUCTIONS.

SHOP DRAWINGS: SUBMIT MANUFACTURER'S ASSEMBLY TYPE SHOP DRAWINGS INDICATING DIMENSIONS, ROUGHING-IN REQUIREMENTS, REQUIRED CLEARANCES, AND METHODS OF ASSEMBLY OF COMPONENTS AND ANCHORAGES.

MAINTENANCE DATA: SUBMIT MAINTENANCE DATA AND PARTS LISTS FOR EACH TYPE OF PLUMBING FIXTURE AND ACCESSORY; INCLUDING "TROUBLE- SHOOTING" MAINTENANCE GUIDE. INCLUDE THIS DATA, PRODUCT DATA, AND AS BUILT DRAWINGS IN 3 RING BINDER AT **ADJUSTMENTS**

UPON COMPLETION OF WORK, PERFORM THE FOLLOWING ADJUSTMENT ADJUST SYSTEMS COMPONENTS FOR PROPER PERFORMANCE.

OPEN AND CLOSE VALVES, SET IN PROPER OPERATING POSITION.

<u>PIPING IDENTIFICATION</u>

CONSPICUOUSLY IDENTIFY PIPING WITH SELF-ADHERING VINYL PLASTIC COLOR BANDS AND PIPE MARKERS IMPRINTED WITH LEGEND, BASED ON ANSI A13.1 "SCHEME FOR THE IDENTIFICATION OF PIPING

APPLY LEGENDS TO FEED AND CROSS MAIN PIPING ADJACENT TO CHANGES IN DIRECTION, WHERE PIPES PASS THROUGH WALLS OR FLOORS, AT INTERVALS NOT EXCEEDING 40 FEET ON STRAIGHT PIPING RUNS, AND ADJACENT TO CROSS MAIN CONNECTIONS WITH MINIMUM LETTER SIZE:

1/2" FOR PIPING 3/4" TO 1-1/4" OD. 3/4" FOR PIPING 1-1/2" TO 2" OD.

MINIMUM COLOR BAND WIDTH:

8" FOR PIPING 3/4" TO 2" OD. OPERATING INSTRUCTIONS

INSTRUCT OWNER'S OPERATING PERSONNEL ON PROPER CARE, MAINTENANCE AND OPERATING PROCEDURES.

CLEAN PIPING PRIOR TO PAINTING AND INSTALLATION OF INSULATION. UPON COMPLETION OF WORK PERFORM THE FOLLOWING CLEANING

> REMOVE PROTECTIVE COVERS AFTER PAINTING. CLEAN PIPING AND EQUIPMENT. REMOVE SURPLUS MATERIALS AND RUBBISH. RESTORE DAMAGED SURFACE FINISHES.

<u>INSTALLATION - GENERAL</u>

PREPARATION: CUT PIPE AND TUBING ENDS SQUARE, REMOVE BURRS AND REAM TO ORIGINAL BORE. CLEAN JOINT SURFACES PRIOR TO ASSEMBLY. WIPE OFF EXCESS JOINTING COMPOUNDS AND

SCREWED: USE AMERICAN STANDARD TAPER PIPE THREADS CUT SHARP AND TRUE AND SUITABLE FOR NORMAL ENGAGEMENT. SCREW THREADED ITEMS UP CLOSE TO SHOULDERS WITH NOT MORE THAN THREE INCOMPLETE THREADS EXPOSED. DO NOT USE LAMP WICK, CORD, WOOL OR OTHER "WICKING" MATERIALS. REPAIR LEAKS WITH NEW MATERIALS, DO NOT PEEN OR CAULK. "TEFLON" PIPE JOINT TAPE OR JOINT COMPOUNDS COMPOSED OF RED LEAD AND GRAPHITE GROUND IN LINSEED OIL WILL BE PERMITTED APPLIED TO

SOLDER: MAKE UP JOINTS WITH 95-5 TIN-ANTIMONY WIRE SOLDER AND NON- CORROSIVE FLUX. DO NOT USE 50-50 OR OTHER

MECHANICAL COUPLING: USE MANUFACTURER'S MATERIALS AND

PIPE HANGER AND SUPPORT INSTALLATION REFER TO MSS-SP-58; STANDARD FOR PIPE HANGERS AND SUPPORTS.

SUPPORT, ANCHOR, AND GUIDE PIPING SYSTEMS TO WITHSTAND STATIC AND DYNAMIC LOAD CONDITIONS, TO ALLOW FOR EXPANSION AND CONTRACTION; TO PREVENT VIBRATION AND SWAYING; TO MAINTAIN ALIGNMENT AND MINIMIZE VERTICAL DEFLECTION.

DO NOT SUPPORT PIPING FROM OTHER PIPING OR DUCTWORK. DO NOT USE WIRE, TAPE, METAL BANDS, OR OTHER MAKE-SHIFT DEVICES AS MEANS OF SUPPORT OR ATTACHMENT.

FIRE/SMOKE STOPPING

FILL VOID SPACE BETWEEN PIPING AND PIPE SLEEVES WITH AN APPROVED FIRE/SMOKE SEAL.

GENERAL: TEST PLUMBING SYSTEMS TO SATISFACTION OF BUILDING OFFICIAL. DO NOT CLOSE IN, CONCEAL, OR COVER UP ANY WORK UNTIL IT HAS BEEN TESTED, INSPECTED, AND APPROVED. FLUSH PIPING, PRIOR TO TESTING, TO REMOVE FOREIGN MATERIALS WHICH MAY HAVE ENTERED DURING COURSE OF INSTALLATION. CLEAN FILTERS AND STRAINERS AFTER FLUSHING.

DURING GUARANTEE PERIOD.

SUPPLY TWO COPIES OF A WARRANTY COUNTERSIGNED AND GUARANTEED BY CONTRACTOR, STATING THAT IMPERFECT SYSTEM OPERATION AND ALL DEFECTS IN LABOR AND MATERIALS OF WORK WILL BE REPAIRED WITHOUT COST TO OWNER FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION, AND STATING THAT ALL EQUIPMENT HAS BEEN FULLY SERVICED AND LEFT IN PROPER

ALSO GUARANTEE THAT SERVICING WILL BE PROVIDED WITHOUT COST

PLUMBING SPECIFICATIONS

PLUMBING MATERIALS:

LIQUID PROPANE GAS PIPING SHALL BE SCHEDULE 40 WITH THREADED FITTINGS. PAINT ALL PIPING ON EXTERIOR WITH RUST-OLEUM OR EQUIVALENT

GATE - GVT: 2" AND SMALLER ALL BRONZE, SOLID WEDGE, RISING STEM, SOLDER ENDS, 200 PSI WOG, NIBCO FIGURE T-111. GATE-GVS: 2" AND SMALLER, ALL BRONZE, SOLID WEDGE, RISING STEM, THREADED ENDS, 200 PSI WOG; NIBCO FIGURE S-111. BALL - 2" AND SMALLER BVB - BRONZE BODY AND BALL, TEFLON SEATS AND SEALS, LEVER HANDLE, 400 PSI WOG; SOCKET END-NIBCO S-580, THREADED END-NIBCO T-580.

PIPE HANGER MATERIAL STANDARDS BOLTING — ASTM A307, GRADE A. CAST IRON - ASTM A48, GRADE 30. FORGINGS — AST, A521, GRADE CA. MALLEABLE IRON — ASTM A47, ASTM A197. STEEL - ASTM A36, ASTM A569, ASTM A570. STEEL PIPE - ASTM A53, ASTM A120.

PIPE HANGER COMPONENTS

STEEL ROD - ASTM A36, ASTM A575.

COMPONENTS: DESIGNED WITH MINIMUM SAFETY FACTOR OF 5; OF ALL METAL CONSTRUCTION; ASSEMBLED WITH CORROSION RESISTANT SQUARE HEAD MACHINE BOLTS AND SQUARE OR HEX HEAD NUTS, STEEL WASHERS; IN SUCH MANNER AS TO PREVENT SELF-DISENGAGEMENT.

PIPE ATTACHMENTS: CAPABLE OF VERTICAL ADJUSTMENT UNDER LOAD, SHAPED TO OD OF PIPING, SIZED TO ALLOW CONTINUOUS

SURFACE FINISH - UNINSULATED COPPER AND BRASS PIPING; COPPER- PLATED OR PLASTIC COATED.

SURFACE FINISH - CHROME PLATED PIPING: CHROME PLATED. SURFACE FINISH - GENERALLY: CORROSION RESISTANT PAINT

PAINTED SURFACES: PRIME COATED SHEET STEEL. ACOUSTICAL SURFACES: FACTORY PAINTED TO MATCH SURFACE

PREFINISHED SURFACES: CHROME-PLATED CAST BRASS.

PIPE SLEEVES, SEALS AND ADAPTORS INTERIOR PARTITIONS: #20 GAUGE GALVANIZED STEEL, LOCK SEAM

FILL VOID SPACE BETWEEN PIPING AND PIPE SLEEVES WITH AN APPROVED FIRE/SMOKE SEAL.

PLUMBING LEGEND		
SYMBOL	DESCRIPTION	
	COLD WATER PIPING	
	HDT WATER PIPING	
	RECIRCULATING HOT WATER PIPING	
LPG	LIQUID PROPANE GAS PIPING	
w	WASTE PIPING	
SAN	SANITARY PIPING	
—— UGS ———	UNDERGROUND SANITARY PIPING	
PW	PUMPED SANITARY PIPING	
ST	STORM PIPING	
	VENT PIPING	
0+	ELBOW UP	
——————————————————————————————————————	ELBOW DOWN	
101	TEE UP	
	TEE DOWN	
.T.		
	VALVE IN RISER	
<u></u> ★	GATE VALVE	
<u></u>	DS&Y GATE VALVE	
<u> </u>	ANGLE VALVE	
N. I	GLOBE VALVE	
	CHECK VALVE	
 	BALL VALVE	
<u>ф</u>	BUTTERFLY VALVE	
<u></u> *-	SAFETY RELIEF VALVE	
<u> </u>	PLUG VALVE	
<u> </u>	PRESSURE REDUCING VALVE	
<u> </u>	BACKWATER VALVE	
<u> </u>	PIPE ANCHOR	
	PIPE GUIDE	
	PIPE SLEEVE THRU WALL	
∞—	P-TRAP	
	RUNNING TRAP	
нв Ђ	HOSE BIBB	
wн þ	WALL HYDRANT	
ф	TRAP SEAL PRIMER	
	FLEX CONNECTION	
	STRAINER	
****	UNION	
	FLANGE CONNECTION	
CO ⊩——	CLEAN OUT	
FC0@	FLOOR CLEAN OUT	
WCO IIO	WALL CLEAN DUT	
FD 🔟	FLOOR DRAIN	
AD 🔘	AREA DRAIN	
FS 🏻	FLOOR SINK	
RD 🌘	ROOF DRAIN	
#	SHOWER HEAD	
m m	PRESSURE GUAGE	
	THERMOMETER	
□	CONNECT TO EXISTING	
	DISCONNECT FROM EXISTING	
(01)	DISCO DESIGNATION	

RISER DESIGNATION

CURB VALVE WITH COVER PLATE

ABBREVIATIONS LIST

COLD WATER CLEAN DUT DOWN FD FLOOR DRAIN F.C.□. FLOOR CLEAN OUT GALLONS PER MINUTE HOT WATER MOP SINK SANITARY SINK V.I.F. VERIFY IN FIELD WATER FOUNTAIN WALL CLEANDUT WATER HAMMER ARESTOR ELECTRIC HOT WATER HEATER HANDICAPPED LAVATORY HWC HANDICAPPED WATER CLOSET LAVATORY WATER CLOSET SINK HZAW WASHER ROOFTOP UNIT VTR VENT THROUGH ROOF PSK PANTRY SINK BATH TUB/SHOWER RECIRCULATING HOT WATER WALL HYDRANT

HOT WATER HEATER

GENERAL NOTES

- 1. THE PLUMBING INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE PLUMBING SECTION OF THE BUILDING CODE OF THE STATE
- 2. CONTRACTOR SHALL SCHEDULE AND PERFORM HIS WORK IN COORDINATION WITH THE OWNERS REPRESENTATIVE.
- 3. ALL WORK SHALL BE IN COMPLIANCE WITH OWNERS REQUIREMENTS AND IN COOPERATION WITH THE OWNERS REPRESENTATIVE.
- 4. LOCATIONS OF EQUIPMENT ROUGHING SHOWN ON THIS DRAWING ARE DIAGRAMMATIC AND THE CONTRACTOR SHALL VERIFY FINAL EQUIPMENT SIZE, LOCATION AND ALL ROUGHING REQUIREMENTS.
- 5. ALL PIPING INSTALLED ON THE PROJECT SHALL BE PRESSURE TESTED PER NEW YORK STATE CODE. WATER PIPING SHALL BE HYDROSTATICALY TESTED TO 200 PSIG FOR A PERIOD OF ONE HOUR WITHOUT LOSS OF PRESSURE. SANITARY, WASTE AND VENT ROUGH PIPING SHALL BE TESTED AS A SYSTEM OR IN SECTIONS. IF TESTED AS A SYSTEM ALL OPEN PIPING SHALL BE TIGHTLY CLOSED, EXCEPT THE HIGHEST OPENING. AND THE SYSTEM COMPLETELY FILLED WITH WATER TO POINT OF OVERFLOW. ALL SYSTEM JOINTS SHALL BE INSPECTED FOR WATER TIGHTNESS. ANY JOINT FOUND LEAKING SHALL BE REPAIRED AND THE TEST REPEATED UNTIL SYSTEM JOINTS ARE WATER TIGHT. IF SYSTEM IS TESTED IN SECTIONS, EACH OPENING SHALL BE TIGHTLY PLUGGED EXCEPT THE HIGHEST OPENING OF THE SECTION UNDER TEST, AND EACH SECTION SHALL BE FILLED WITH WATER BUT NO SECTION SHALL BE TESTED WITH LESS THAN 10-FOOT HEAD OF WATER, WATER SHALL BE KEPT IN THE SYSTEM OR THE PORTION UNDER TEST FOR AT LEAST 15 MINUTES BEFORE INSPECTION STARTS. AFTER THE FIXTURES HAVE BEEN SET AND THEIR TRAPS FILLED WITH WATER, THEIR CONNECTIONS SHALL BE TESTED AND PROVED GAS AND WATER TIGHT. GAS TIGHTNESS TESTS SHALL BE CONDUCTED USING EITHER THE SMOKE OR PEPPERMINT TEST.
- 6. THE USE OF THREADED ROD FOR SUPPORTS IN COMPRESSION SHALL NOT BE ACCEPTED. THE CONTRACTOR SHALL USE B-LINE SYSTEMS B22 CHANNEL, IN SINGLE OR COMBINATION SHAPES, WITH APPROPRIATE ACCESSORIES. B-LINE B280 POST BASE SHALL BE USED FOR ALL VERTICAL SUPPORTS. FINISH SHALL BE B-LINE "DURA-GREEN" EPOXY COATING.

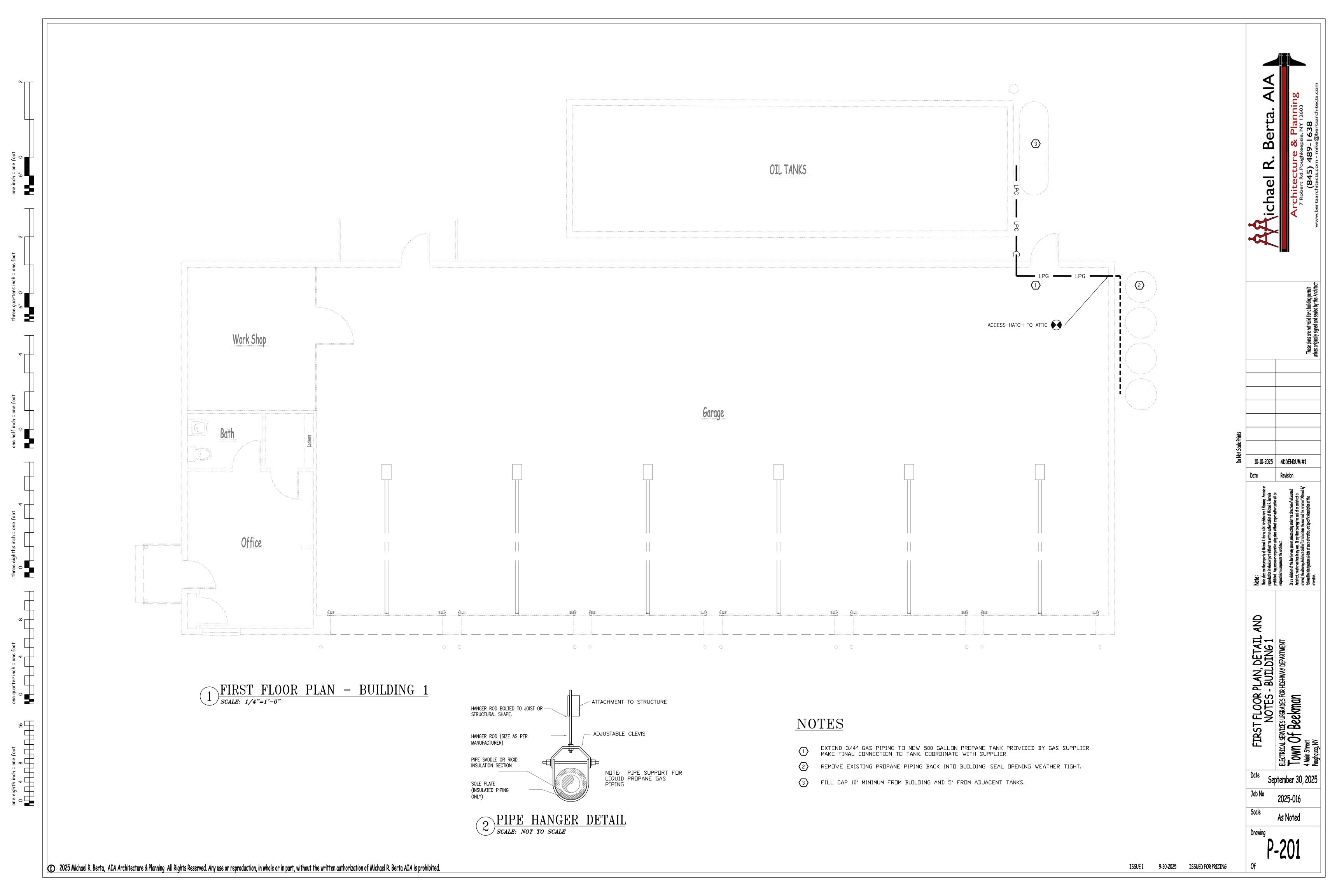
10-10-2025 | ADDENDUM #1

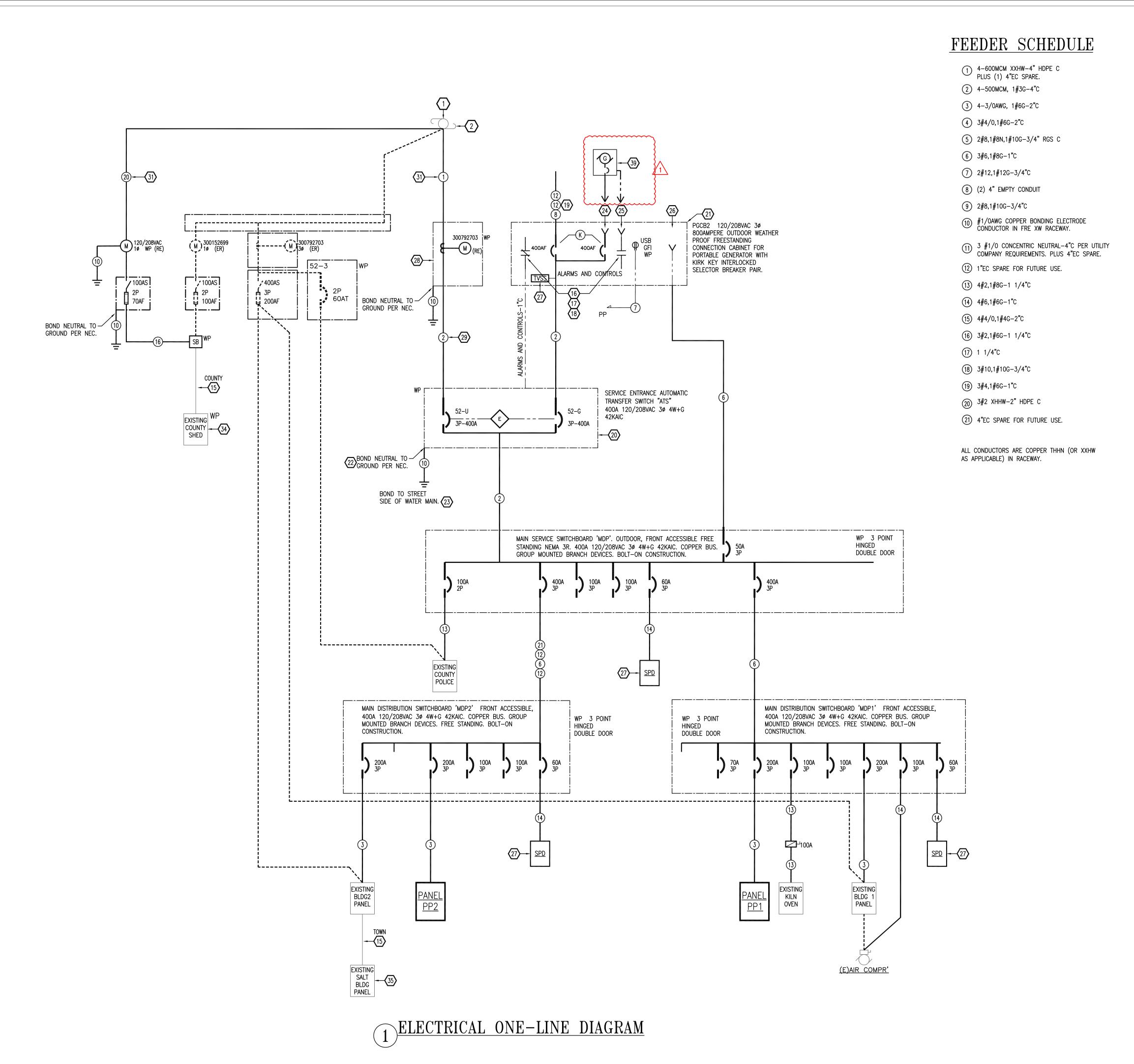
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Beekman

ECTRICAL SERVI OWN OF September 30, 2025





KEYED NOTES

- 1 EXISTING UTILITY POLE.
- 2 EXISTING POLE MOUNTED UTILITY TRANSFORMERS.
- 3 EXISTING UTILITY UNDERGROUND SERVICE FEEDER.
- 4 OUTDOOR ELECTRIC SERVICE EQUIPMENT.
- 5 EXISTING OUTDOOR ELECTRIC SERVICE METER FOR BUILDING #1.
- 6 EXISTING OUTDOOR ELECTRIC SERVICE DISCONNECT/OCPD FOR BUILDING #1.
- EXISTING OUTDOOR ELECTRIC SERVICE METER/CT FOR BUILDING #2.
- 8 EXISTING OUTDOOR ELECTRIC SERVICE DISCONNECT/OCPD FOR BUILDING #2.
- 9 EXISTING OUTDOOR ELECTRIC SERVICE DISCONNECT/OCPD FOR BUILDING #1 SUB TENANT.
- (10) EXISTING UNDERGROUND ELECTRIC SERVICE FEED FOR BUILDING #1
- 11 EXISTING MAIN ELECTRIC PANEL FOR BUILDING #1
- EXISTING ELECTRIC SERVICE FEED FOR BUILDING #2
- (13) EXISTING MAIN ELECTRIC PANEL FOR BUILDING #2
- EXISTING UNDERGROUND BRANCH CIRCUITRY TO 911 MONUMENT.
- (15) EXISTING UNDERGROUND ELECTRIC SERVICE FEED TO SALT PANEL.
- CONTROL TRANSFER SWITCH FOR GENERATOR START, STOP CONTROL AND ALARM/MONITORING CIRCUITS. PROVIDE MULTI-POLE DOUBLE THROW TRANSFER DEVICE INTERLOCKED WITH THE PORTABLE GEN SELECTOR TRANSFER BREAKER PAIR TO SIMULTANEOUSLY TRANSFER THE GENERATOR CONTROL AND ALARMS BETWEEN
- PROVIDE ALARM CONTACT TO INDICATE/ANNUNCIATE WHEN THE SELECTOR IS IN THE PORTABLE GENERATOR MODE (52-P IS CLOSED).

THE STATIONARY GENERATOR AND THE PORTABLE GENERATOR IN COORDINATION WITH

- PROVIDE ALARM CONTACT TO INDICATE/ANNUNCIATE WHEN THE SELECTOR IS IN NEUTRAL MODE (BOTH BREAKERS ARE OPEN OR TRIPPED).
- (19) UG EMPTY RACEWAY FOR FUTURE OUTDOOR GENERATOR.
- 120/208VAC 3Ø 4W+G SERVICE ENTRANCE TRANSFER SWITCH. FREE STANDING NEMA 3R, 3 POINT REMOVABLE GASKETED, LOCABLE HINGED DOOR.
- FREESTANDING OUTDOOR WEATHER RESISTANT CONNECTION/SELECTION CABINET FOR PORTABLE GENERATOR. TRYSTAR GDSDBDS83PCFM—ABGHJK2MPSU
- BOND NEUTRAL TO GROUND PER NEC. BOND TO WATER MAIN USING 4/0AWG IN 1" FIBERGLASS FRE XW RACEWAY.
- BOND ACROSS WATER SERVICE RPZ/DOUBLE CHECK ASSEMBLY USING #4/0 COPPER CONDUCTOR AN BURNDY U-BOLT PIPE GROUNDING CLAMPS. QUICK CONNECT TERMINALS FOR POWER CONNECTIONS OF THE PORTABLE GENERATOR.

THE GENERATOR SELECTION.

- QUICK CONNECT BARRIERED TERMINAL STRIP FOR ALARM AND CONTROL CIRCUITS CONNECTIONS OF THE PORTABLE GENERATOR.
- 60 AMPERE 120/208VAC 3Ø 4W+G QUICK CONNECT BARRIERED TERMINAL STRIP
- TRANSIENT VOLTAGE SURGE SUPPRESSOR. JOSLYN 85-MN
- TRANS—S STYLE FREESTANDING METERING STRUCTURE. PROVIDE OUTDOOR CONCRETE PAD. RELOCATE ORIGINAL METER TO THIS EQUIPMENT.
- 29 SERVICE FEED TO BUILDING #1.
- SERVICE FEED TO BUILDING #2
- 31 UNDERGROUND UTILITY FEED.
- CAP UNDERGROUND TERMINATIONS OF RACEWAYS FOR FUTURE STATIONARY GENERATOR. PROVIDE MONUMENT MARKER.
- CIRCUIT CONTROL DEVICES AND SAFETY DEVICES TO ASSOCIATED OPERATOR/EQUIPMENT.
- 34 EXISTING PANEL FOR THE COUNTY SALT SHED.
- 35 EXISTING PANEL FOR THE TOWN SALT SHED.
- BOND TO EARTH USING #2AWG SOLID BARE TINNED COPPER CONDUCTOR. BOND TO APPURTENANCE AND TO 5/80 X 10' LONG COPPER CLAD GROUND ROD. DRIVE ROD INTO EARTH TILL TOP OF ROD IS EVEN WITH FINISH OUTDOOR GRADE. LOCATE ROD SO AS NOT TO CREATE A TRIPPING HAZARD.
- OUTDOOR MAIN SERVICE SWITCHBOARD 'MDP'.
- PROVIDE COMPLETE COMMISSIONING INCLUDING OPERATIONAL TESTING OF THE FINISHED SYSTEM. SIMULATE NORMAL AND UTILITY OUTAGE SCENARIOS. CONFIRM PROPER OPERATION OF THE SYSTEMS. PROVIDE TEMPORARY TRAILER MOUNTED 150kW 120/208VAC 30 4W+G DIESEL FUELED GENERATOR, WITH ALL APPURTENANCES TO ACCOMMODATE THESE TESTS AND COMMISSIONING OF THE FINISHED INSTALLATION.

≥ 10-10-2025 | ADDENDUM #1

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AND ELECTRICAL ONE-LINE DIAGRAM KEYED NOTES

Beekman Town Of

September 30, 2025 2025-016

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one eighth inch = one foot 0 4 8 16

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