

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

ADDENDUM NO. 1

May 2, 2024

NOTICE TO ALL BIDDERS:

Electronic Bids from pre-qualified Subcontractors for the filed sub-bid categories designated herein will be received until **2:00 PM prevailing time on May 7, 2024** for the following filed sub-bids:

- Masonry
- Miscellaneous and Ornamental Iron
- Waterproofing, Damp Proofing and Caulking
- Metal Windows
- Painting
- Plumbing
- Heating, Ventilation and Air Conditioning
- Fire Protection
- Electrical Work

All filed sub-bids shall be submitted online at www.Projectdog.com and entitled “**[Filed Sub-bid Classification] Filed Sub-bid for Wells 2, 3, and 4 Water Treatment Plant, Town of Sharon, Massachusetts, Contract No. 2025-101 (DWSRF Project #12443)**” All electronic bids are compiled in real time upon bid close and published forthwith on ProjectDog. Official sub-bid tabulations shall be posted on ProjectDog.

Electronic Bids from pre-qualified General Bidders will be received until **2:00 p.m. prevailing time on May 21, 2024**. All bids shall be submitted online at www.Projectdog.com and entitled “**Wells 2, 3, and 4 Water Treatment Plant, Town of Sharon, Massachusetts, Contract No. 2025-101 (DWSRF Project #12443)**” All electronic bids are compiled in real time upon bid close and published forthwith on ProjectDog. Official bid tabulations shall be posted on ProjectDog.

A non-mandatory pre-bid meeting was held at the project site, 15 Tree Lane, Sharon, MA 02067 on **April 29, 2024 at 2:00 p.m.**

The attention of all eligible bidders submitting bids for the above referenced project is called to the following Addendum to the drawings and specifications (Contract Documents). The items set forth herein, whether of omission, addition, substitution, or clarification, are all to be included in and form a part of the proposed work.

Any and all addenda shall be posted online at Projectdog.com. Each individual or firm recorded as having received the contract documents will be notified by email if and when addenda are issued. Hard copies of

addenda will not be mailed or faxed to plan holders. It is the sole responsibility of the Bidder to review any and all addenda prior to the bid opening either online or at the offices of Projectdog, Inc.

If a bid is submitted prior to an Addendum being issued, the Bidder will receive an e-mail notification for informational purposes only. The Bidder must review the addendum, retract the bid, acknowledge all addenda, and re-submit the bid. If a Bidder fails to acknowledge all addenda their bid may be rejected by the Awarding Authority.

This Addendum addresses the following:

- *Specifications and Drawings*
- *Questions from Contractors and Answers*
- *Supplemental Information*

SPECIFICATIONS AND DRAWINGS

Make the following changes, revisions, additions, and/or deletions to the Contract Documents:

Table of Contents

- On TOC-6 delete “Appendix M ... Reserved” and replace with the following:
“Appendix M ... Disposal System Construction Permit”
- On TOC-6 add the following:
“Appendix V ... Well Station Elevations”

Specification 01010 – Summary of Work

- Delete “HVAC coordination drawings shall be provided for final coordination of installation and maintenance clearances of all systems and equipment with Architectural, Structural, Mechanical, Plumbing, Fire Protection, Electrical and other work” from paragraph 01010-1.4.A.19 and replace with:
“Provide coordination drawings based upon accepted equipment submittals.”
- Insert the following to the end of paragraph 01010-1.4.A.20:
“Provide coordination drawings based upon accepted equipment submittals.”
- Insert the following to the end of paragraph 01010-1.4.A.21:
“Provide coordination drawings based upon accepted equipment submittals.”
- Insert the following to the end of paragraph 01010-1.4.A.22:
“Provide coordination drawings based upon accepted equipment submittals.”
- Insert paragraph 01010-1.4.A.31:

“31. General Contractor to prepare coordination drawings for all buildings in this Contract and indicate all process piping, instrumentation, and reflected ceiling plans where applicable. These coordination drawings shall be provided to File Sub-Bid Contractors and Subcontractors for the coordination of all work of all trades as specified in the Contract Documents based upon accepted equipment submittals.”

Specification 01024 – Measurement and Payment

- Insert paragraph 01024-1.3.B.6
“6. The lump sum price shall include costs for coordination drawings for the Wells 2, 3, and 4 Water Treatment Plant, Well Station 2, and Well Station 3 and Well Station 4 for final coordination of installation and maintenance clearances of all systems and equipment with Architectural, Structural, Mechanical, Plumbing, HVAC, Fire Protection, Electrical, Instrumentation, and other work.”

- Delete paragraph 01024-1.3.I.2 in its entirety and replace with:
“The lump sum price filed sub-bid Items 14A, 15A, 16A, and 17A shall include the costs for coordination drawings for the Wells 2, 3, and 4 Water Treatment Plant, Well Station 2, Well Station 3, and Well Station 4 for final coordination of installation and maintenance clearances of all systems and equipment.”

Specification 01040 – Project Coordination

- Insert paragraph 1.3 SUBMITTALS:
“1.3 SUBMITTALS
 - A. Submit the following in accordance with Section 01300 – Submittals:*
 - 1. Coordination Drawings: The General Contractor shall submit a complete set of Coordination Drawings in AutoCAD file and PDF format to the Engineer. Coordination Drawings produced in a Building Information Model software, such as REVIT or equal, is an acceptable alternative to AutoCAD. Drawings shall indicate horizontal and vertical dimensions, scaled at not less than 3/8" equals 1'-0, and include floor plans and sections. The Coordination Drawings shall reflect the work of all specialty trades listed below based on accepted equipment submittals.*
 - i. HVAC Systems and all sheet metal work.*
 - ii. Plumbing Systems.*
 - iii. Sprinkler System.*
 - iv. Electrical System including light locations.*
 - v. Process Mechanical Piping and Appurtenances.*
 - vi. Reflected Ceiling Plans.*
 - vii. Instrumentation.*

- Replace “PART 1 – PRODUCTS (NOT USED)” with the following:
“PART 2 – PRODUCTS (NOT USED)”
- Replace “PART 2 – EXECUTION” with the following:
“PART 3 – EXECUTION”
- Insert paragraph “3.3 COORDINATION DRAWINGS”, refer to Attachment 2 for sub-paragraphs.
- Renumber paragraph “3.3 CONTRACT CLOSEOUT” to:
“3.4 CONTRACT CLOSEOUT”

Specification 02570 – Precast Manholes, Tight Tanks, Hydrodynamic Separators, Gravity Piping, and Appurtenances

- Add subparagraph E under paragraph 1.3 SUBMITTALS:
“E. Submit Appendix M - Disposal System Construction Permit.”

Specification 05500 – Metal Fabrications

- Add the following item to paragraph 1.2-A:
“3. Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, staging, planking, ladders, etc., as required to complete the Work.”

Specification 07131 – Self-Adhering Sheet Waterproofing

- Under paragraph 1.3-C, add the following:
 - “1. Provide written confirmation that the system manufacturer(s) has reviewed and approved the shop drawings and verified their performance ratings and warranties apply for the intended installations.”*
- Under Paragraph 3.7, add the following:

“B. Provide waterproofing membrane field adhesion testing as follows:

 - 1. Conduct a field-modified version of ASTM D 903 – Standard Test Method for Peel or Stripping Strength of Adhesive Bonds. For the modified test, use a knife to cut three sides of a one-inch wide tab of the membrane and, using hand-applied force directed perpendicular to the wall surface, pull the tab away from the wall.*
 - 2. Membrane peel adhesion tests performed in the field are a qualitative indication of initial membrane adhesion and cannot be directly compared to the membrane’s product data. Contractor to review test results with a manufacturer’s representative*

to confirm if the observed membrane adhesion is acceptable or if the manufacturer recommends modifications to the installation procedure (e.g. – including a primer).

3. *Conduct test following initial installation and at three locations for each 1,000 square feet installed.”*

Specification 07920 – Joint Sealants

- Add the following item to paragraph 1.2-A:
 - “4. *Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, planking, ladders, etc., as required to complete the Work.*”
- Under Paragraph 1.6, delete “PRECONSTRUCTION TESTING” and replace with “*PRECONSTRUCTION AND CONSTRUCTION TESTING.*”
- Under Paragraph 1.6-A, delete Paragraphs 1 through 5 and replace them with the following:
 1. *Conduct preconstruction sealant field adhesion testing for all sealant-substrate combinations, three tests per combination. Test joint sealants according to ASTM C 1193 – Field-Applied Sealant Joint Hand Pull Tab using Method A in Appendix X1.1 or ASTM C 1521 – Standard Practice for Evaluating Adhesion of Installed Weatherproofing Sealant Joints using the ‘tail method.’ The Contractor shall allow sealant to fully cure for the time period required by the manufacturer prior to testing.*
 2. *Report whether sealant failed to adhere to joint substrates or tore cohesively. Include data on pull distance used to test each kind of product and joint substrate. For sealants that fail adhesively, obtain manufacturer’s written instructions for corrective measure, including the use of specially formulated primers, and retest until satisfactory adhesion is obtained.*
 3. *For joints with dissimilar substrates, verify adhesion to each substrate separately. Extend cut along one side, verifying adhesion to opposite side; repeat procedure for opposite side.*
 4. *Schedule sufficient time for testing and analyzing results to prevent delaying the Work.”*
- Under Paragraph 1.6, add the following:
 - “B. *Compatibility and Adhesion Testing During Construction:*
 1. *Conduct sealant field adhesion testing throughout construction in accordance with ASTM C 1193 – Field-Applied Sealant Joint Hand Pull Tab using Method A in Appendix X1.1 or ASTM C 1521 – Standard Practice for Evaluating Adhesion of Installed Weatherproofing Sealant Joints using the ‘tail method.’*
 2. *Perform one test for the first 100 linear feet of installed sealant and one test for each 1,000 linear feet of joint length thereafter.”*

- Under Paragraph 3.3-E, add the following:
 - “4. *Provide minimum 1/4-inch bond surface for all sealant joints. Do not install sealants against the knife edge of metal flashing or fenestration extrusions.*”

Specification 08161 – FRP Flush Doors

- Under Paragraph 1.3-C, add the following:
 - “5. *Coordinate shop drawings to include integration with adjacent systems and assemblies.*”
- Under Paragraph 1.3-F, add the following:
 - “1. *Provide test reports that are not more than four years old or provide written confirmation from the manufacturer that the product has not changed since the test was completed.*”

Specification 08410 – Aluminum-Framed Entrances

- Add the following item to paragraph 1.2-A:
 - “4. *Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, planking, ladders, etc., as required to complete the Work.*”
- Under Paragraph 1.4-C-1-c, delete “Exposure Category: C” and replace with “*Exposure Category: B.*”
- Under Paragraph 1.5-C, add the following:
 - “3. *Coordinate shop drawings to include integration with adjacent systems and assemblies.*
 - 4. *Provide written confirmation that the system manufacturer(s) has reviewed and approved the shop drawings.*”
- Under Paragraph 1.6-D, add the following:
 - “1. *Provide test reports that are not more than four years old or provide written confirmation from the manufacturer that the product has not changed since the test was completed.*”

Specification 08513 – Aluminum Windows

- Add the following item to paragraph 1.2-A:
 - “2. *Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, planking, ladders, etc., as required to complete the Work.*”
- Under Paragraph 1.3-C, add the following:
 - “12. *Coordinate shop drawings to include integration with adjacent systems and assemblies.*

13. *Provide written confirmation that the system manufacturer(s) has reviewed and approved the shop drawings.*
- Under Paragraph 1.3-J, add the following:
 - “1. *Provide test reports that are not more than four years old or provide written confirmation from the manufacturer that the product has not changed since the test was completed.*”
 - Under Paragraph 1.6-C-1-i, delete “Exposure Category: Exposure C” and replace with “*Exposure Category: Exposure B.*”
 - Under Paragraph 1.6-C-1-ii, delete “Risk Category: III” and replace with “*Risk Category: IV.*”
 - Delete Paragraph 2.1-A in its entirety and replace with the following:
 - “A. *Basis-of Design Product: Subject to compliance with requirements, provide **Kawneer; OptiQ AA 4325 Series** or one of the following:*
 - 1. *Oldcastle Building Envelope; Signature Series 3375.*
 - 2. *EFCO Corporation; XTherm Series 325X.*”
 - Delete Paragraph 3.3-B-1-ii and replace with the following:
 - “ii. *Water Penetration Resistance: ASTM E 1105, Procedure B, at laboratory rated pressure (15 psf).*”
 - Under Paragraph 3.3-B-2, add the following:
 - i. *Conduct a minimum of two tests at Window Types A / A1 / B (fixed over hopper).*
 - ii. *Conduct a minimum of three tests at Window Type C (fixed, stacked).*
 - iii. *Conduct a minimum of one test at Window Type D (fixed, single).*”

Specification 08800 – Glazing

- Add the following item to paragraph 1.2-A:
 - “4. *Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, planking, ladders, etc., as required to complete the Work.*”
- Delete Paragraph 2.2-C-3 in its entirety and replace with the following:
 - “3. *Spacer Specifications: High performance warm edge spacer with the following requirements:*
 - i. *Spacer Material: Stainless Steel.*
 - ii. *Desiccant: Molecular sieve or silica gel, or blend of both.*
 - iii. *Spacer joints are to be welded or soldered.*
 - iv. *Corner Construction: Bent corners; keyed corners are not acceptable).*”
- Delete Paragraph 2.5-D and replace with the following:

“D. Spacers: Stainless steel for improved thermal performance and with welded or soldered spacer joints.”

Specification 08950 – Fiberglass-Sandwich-Panel Assemblies

- Add the following item to paragraph 1.2-A:
“6. Work shall include furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, planking, ladders, etc., as required to complete the Work.”
- Under Paragraph 1.6-C, add the following:
 - “1. Coordinate shop drawings to include integration with adjacent systems and assemblies.*
 - 2. Provide written confirmation that the system manufacturer(s) has reviewed and approved the shop drawings.”*
- Under Paragraph 1.6-I, add the following:
 - “1. Provide test reports that are not more than four years old or provide written confirmation from the manufacturer that the product has not changed since the test was completed.”*

Specification 09511 – Acoustical Panel Ceilings

- In paragraph 1.4 SUBMITTALS, subparagraph C.4, replace “1/8 inch =1’0” ” with:
“3/8” equals 1’-0””
- Insert paragraph “1.11 COORDINATION DRAWINGS”, refer to Attachment 2 for subparagraphs.

Specification 09900 – Painting and Coatings

- Add the following item to paragraph 1.2:
“E. Work shall include furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, planking, ladders, etc., as required to complete the Work.”

Specification 11200 – Interior Process Piping and Valves

- Insert paragraph “1.9 COORDINATION DRAWINGS”, refer to Attachment 2 for subparagraphs.

Section 13320 – Instrumentation and Controls

- Insert paragraph “1.11 COORDINATION DRAWINGS”, refer to Attachment 2 for subparagraphs.

Specification 15002 – Heating, Ventilation, and Air Conditioning (HVAC) (Filed Sub-Bid Required)

- Under paragraph 1.1 GENERAL PROVISIONS, delete subparagraph C and replace with the following:

“C. Sub Sub-Bid Requirements:

1. *Sub bidder’s attention is directed to Massachusetts G.L. Chapter 149 Section 44F, as amended, which provides in part as follows.*
2. *Each sub-bidder shall list in Paragraph E of the “Form for Sub-bids” the name and bid price of each person, firm or corporation performing each class of work or part thereof for which the Section of the Specifications for that sub trade requires such listing, provided that, in the absence of a contrary provision in the Specifications, any sub-bidder may, without listing any bid price, list his own name or part thereof and perform that work with persons on his own payroll, if such sub-bidders, after sub-bid openings, shows to the satisfaction of the Awarding Authority that he does customarily perform such class of work with persons on his own payroll and is qualified to do so. This Section of the Specifications requires that the following classes of work shall be listed in Paragraph E under the conditions indicated herein.*

CLASS OF WORK

REFERENCE

Ductwork

15500, paragraphs 2.1.N, 2.1.O, & 3.1.N”

Specification 15300 – Fire Protection

- Add the following item to paragraph 1.2-B:
“5. Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, staging, planking, ladders, etc., as required to complete the Work.”
- Delete paragraph 1.6 COORDINATION, subparagraph G in its entirety.
- Delete paragraph 1.8 COOPERATION AND COORDINATION WITH OTHER TRADES, subparagraph H in its entirety.
- Delete paragraph 1.9 COORDINATION DRAWINGS in its entirety and replace with Attachment 2 as paragraph 1.9.

Specification 15400 – Plumbing (Plumbing Filed Sub-Bid Required)

- Delete paragraph 1.3 COORDINATION DRAWINGS in its entirety and insert Attachment 2 as paragraph 1.3.

Specification 15500 – Heating, Ventilation, and Air Conditioning (HVAC) (Heating, Ventilation, and Air Conditioning Filed Sub-Bid Required)

- Delete paragraph 1.4 COORDINATION DRAWINGS in its entirety and insert Attachment 2 as paragraph 1.4.

Specification 15900 – Laboratory Fume Hoods (Heating, Ventilation, and Air Conditioning Filed Sub-Bid Required)

- Delete paragraph 1.4 COORDINATION DRAWINGS in its entirety and insert Attachment 2 as paragraph 1.4.

Specification 16001 – Electrical (Filed Sub-Bid Required)

- Under paragraph 1.1 GENERAL PROVISIONS, delete subparagraph C and replace with the following:

“C. Sub Sub-Bid Requirements:

3. *Sub bidder’s attention is directed to Massachusetts G.L. Chapter 149 Section 44F, as amended, which provides in part as follows.*
4. *Each sub-bidder shall list in Paragraph E of the “Form for Sub-bids” the name and bid price of each person, firm or corporation performing each class of work or part thereof for which the Section of the Specifications for that sub trade requires such listing, provided that, in the absence of a contrary provision in the Specifications, any sub-bidder may, without listing any bid price, list his own name or part thereof and perform that work with persons on his own payroll, if such sub-bidders, after sub-bid openings, shows to the satisfaction of the Awarding Authority that he does customarily perform such class of work with persons on his own payroll and is qualified to do so. This Section of the Specifications requires that the following classes of work shall be listed in Paragraph E under the conditions indicated herein.*

<i>CLASS OF WORK</i>	<i>REFERENCE</i>
<i>Lightning Protection System</i>	<i>16601</i>
<i>Photovoltaic Power System</i>	<i>16650”</i>

Specification 16050 – Electrical General Conditions

- Add the following item to paragraph 1.2-C:
“9. Furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, staging, planking, ladders, etc., as required to complete the Work.
- Delete paragraph 1.14 COORDINATION DRAWINGS in its entirety and insert Attachment 2 as paragraph 1.14.

Appendix G – Zoning Board of Appeals Special Permit Decision

- Delete Appendix G in its entirety and replace with Attachment 3.

Appendix M – Reserved

- Delete Appendix M in its entirety and replace with Attachment 4.

Sheet A-15

- In DOOR / FRAME SCHEDULE, Door Opening No. 08, Frame Type column, delete “F5” and replace with the following:
“F5 (SIM).”
- In DOOR / FRAME SCHEDULE, Door Opening No. 08, Frame Material column, delete “ALUM.” And replace with the following:
“HM.”
- In DOOR / FRAME SCHEDULE, Door Opening No. 08, Frame Finish column, delete “FF” and replace with the following:
“PNT.”
- In DOOR / FRAME SCHEDULE, Door Opening No. 08, Leaf Type column, delete “D2” and replace with the following:
“D2 (SIM).”
- In DOOR / FRAME SCHEDULE, Door Opening No. 08, Leaf Material column, delete “FRP” and replace with the following:
“HM.”
- In DOOR / FRAME SCHEDULE, Door Opening No. 08, Leaf Finish column, delete “FF” and replace with the following:
“PNT.”
- Under ABBREVIATIONS, add the following:
“HM Hollow Metal
PNT Paint.”
- Under TYPICAL DOOR / FRAME NOTES, add Note 10 as follows:
“10. THE METAL WINDOW FILED SUB-CONTRACTOR (SEC. 08001) IS RESPONSIBLE FOR ALL WORK TO PROVIDE A FIRE RATED HOLLOW METAL DOOR AND FRAME AT DOOR OPENING NO. 08 PER THE FOLLOWING SPECIFICATION:

1.2 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 1. Ceco Door; ASSA ABLOY.
 2. Curries Company; ASSA ABLOY.
 3. DE LA FONTAINE.

4. Steelcraft; an Allegion brand.

B. *Source Limitations: Obtain hollow-metal work from single source from single manufacturer.*

1.3 REGULATORY REQUIREMENTS

A. *Fire-Rated Assemblies: Complying with NFPA 80 and listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C.*

1.4 INTERIOR DOORS AND FRAMES

A. *Construct interior doors and frames to comply with the standards indicated for materials, fabrication, hardware locations, hardware reinforcement, tolerances, and clearances, and as specified.*

B. *Heavy-Duty Doors and Frames: SDI A250.8, Level 2.*

1. *Physical Performance: Level B according to SDI A250.4.*

2. *Doors:*

a. *Type: As indicated in the Door and Frame Schedule.*

b. *Thickness: 1-3/4 inches.*

c. *Face: Uncoated, cold-rolled steel sheet, minimum thickness of 0.042 inch (18 gauge).*

d. *Edge Construction: Model 2, Seamless.*

e. *Core: Vertical steel stiffener with mineral fiber insulation.*

f. *Fire Rated Core: Mineral fiber.*

3. *Frames:*

a. *Materials: Uncoated steel sheet, minimum thickness of 0.053 inch (16 gauge).*

b. *Construction: Face welded.*

4. *Exposed Finish: Prime.”*

Sheet A-16

- At Detail 2, Exterior Wall Section, revise detail call-out from “MIN. F-0.52 VERTICAL INSULATION...” to “MAX. F-0.52 VERTICAL INSULATION....”
- At Detail 3, Exterior Wall Section, revise detail call-out from “MIN. F-0.52 VERTICAL INSULATION...” to “MAX. F-0.52 VERTICAL INSULATION....”
- At Detail 4, Exterior Wall Section, revise detail call-out from “MIN. F-0.52 VERTICAL INSULATION...” to “MAX. F-0.52 VERTICAL INSULATION....”
- At Detail 5, Wall Transition Detail, revise the detail per Attachment 8, Sheet SKA-1.

Sheet A-17

- At Detail 6, Wall Transition Detail, revise the detail per Attachment 8, Sheet SKA-2.
- At Detail 7, Wall Transition Detail, revise the detail per Attachment 8, Sheet SKA-3.
- At Detail 8, Wall Transition Detail, revise the detail per Attachment 8, Sheet SKA-4
- At Detail 9, Typical Ridge Detail, revise the detail per Attachment 8, Sheet SKA-5

Sheet A-21

- At Detail 7A, Window Details – Section (Head), revise the dimension call-out from grid to face of panel from “ 1” ” to “ 2” ”

Sheet M-2

- In PROCESS PUMP SCHEDULE, Pump P-141, Type Column, delete “Vertical In-Line” and replace with the following:
“Vertical Turbine”

QUESTIONS AND ANSWERS

Question 1: I rep Loprest Manganese Systems and Loprest is a large, nationwide equipment company with hundreds of projects across the country. Loprest has one project in Blackstone, MA. Could Loprest still qualify as “an or equal” despite having less than to New England Projects?

Answer 1: Refer to Specification Section 00100 – Instruction to Bidders, Paragraph 18 – Equal Products Acceptable.

Question 2: Our bid shall be prepared in accordance with the Massachusetts public bidding laws. We understand the Massachusetts public bidding laws, and applicable decisions from the Bid Protest Unit of the Massachusetts Attorney General’s Office, require all of the electrical work and materials included in the bid to be contained entirely, and described clearly, within the written electrical specifications. We understand that bidders are also responsible for the work and materials shown on the electrical drawings to the extent that work and those materials also are described and defined in the electrical specifications. We also understand that electrical work may be contained in drawings outside of the electrical drawings provided the work is described in the electrical specifications and there is a clear reference to the affected drawings in the electrical specifications.

Please confirm we are correct in our understanding that work and materials described in non-electrical specifications or shown in non-electrical drawings, without also being described and listed in the electrical specifications, is for coordination purposes only and shall not be part of the electrical contractor’s bid for this project.

Answer 2: Refer to Specification Section 16001, Paragraph D. All drawings listed show the work of the filed sub-bid in part, in full, or for coordination purposes.

Question 3: Please advise if Owner or Contractor/CM will buy the builder’s risk property insurance for this project. Also, can you confirm that trade contractors/subcontractors of all tiers will be named insureds under the policy per widespread industry practice? Finally, can you tell us what the basic deductible will be under the policy and who will be required to pay it if an accident happens – 1) Owner, 2) Contractor/CM, 3) Trade Contractor/Subcontractor?

Answer 3: Refer to Specification Section 00700, Article 6.02 and Specification Section 00800, Article 6.

Question 4: Door Opening 08 is listed as a 90 minute fire rated opening, however, there are no products listed for fire rated aluminum framing, nor do the listed manufacturers under section 08410 Aluminum Framed Entrances offer fire rated framing. Additionally, only one of the listed manufacturers under section 08161 FRP Flush Doors offers a fire rated door.

Per MGL Chapter 30, Subsection 39 M, architects are required to provide three manufacturers for any specified product. Please provide three acceptable manufacturers that can provide the fire rated frame and entrance.

Answer 4: Refer to Addendum No. 1.

Question 5: Will the Sub Bid date be extended due to the site visit being held at 2pm 8 days before the sub bid deadline? This would only give us one day if any questions of existing conditions need to be submitted.

Answer 5: Refer to Specification Section 00020, Paragraph 2 for the Filed Sub-Bid schedule.

Question 6: Can you please clarify if galvanized iron would be allowed for hangers and supports in the new treatment plant as stated on 1630-3 Conduit Mounting or Stainless Steel as stated on 16050-7 1.10 supplementary supporting steel?

Answer 6: Refer to Specification Section 16050, Paragraph 1.10 for all mounting support requirements.

Question 7: Can you please confirm that in the new treatment plant interior electrical conduits shall be run exposed and be Sch. 80 PVC? As stated on 16130-1 Design Criteria 1.5 A

Answer 7: Refer to Specification Section 16130, Paragraph 1.5 for requirements for conduit type and installation locations.

Question 8: So called Paragraph E listings are to name all persons, firms, and corporations furnishing labor or labor and materials for the class or classes or part thereof for which the section of specifications is customarily performed by sub-subcontractors. On this project there are no Paragraph E listings included in the Electrical specifications which would require the electrical subcontractor to self-perform all work included in the Electrical specifications and not allow for the electrical subcontractor to list any sub-subcontractors to perform labor or labor and materials for any specification section included in the electrical scope of work. To comply with Massachusetts General Laws and for more open and competitive bidding, can Lighting Protection Systems – 16601 and Photovoltaic Power System – 16650 be listed as Paragraph E listings in the electrical specifications and on the electrical bid form to allow the electrical subcontractor to list sub-subcontractors to perform labor or labor and material for those specification sections?

Answer 8: Refer to Addendum No. 1.

Question 9: Can you please confirm the project start date?

Answer 9: Refer to the project work sequence on Sheet G-2.

Question 10: Is there an estimated construction cost for the plumbing scope of work?

Answer 10: The Engineer's opinion of probable construction costs for the plumbing scope of work is \$330,000.

Question 11: Can you please confirm the bid withdrawal process after the filed sub bid opening?

Answer 11: Refer to Specification Section 00020, Paragraph 13; Specification Section 00100, Paragraphs 1 & 2; and Specification Section 00301, Page 6, Paragraph 6.

Question 12: To accurately provide a quotation, the lighting protection vendors are requesting roof and elevation drawings for existing well stations 2, 3, and 4.

Answer 12: Refer to Addendum No. 1, Attachment 6 and Appendix L – Well Station Record Drawings.

Question 13: Can you please confirm the style of pump being used for P-141, I assume it is a vertical turbine by drawing M-2 indicates it is a vertical-inline.

Answer 13: Refer to Addendum No. 1.

Question 14: Please advise if the plumbing & gas permit fees will be waived.

Answer 14: All building permit fees will be waived.

Question 15: Section 08161, Paragraph 1.8A.1 notes to provide a warranty for installation for a period of 10 years. The standard installation warranty is 1 year. Please review and advise.

Answer 15: 08161-1.8-A-1 does not call for a ten-year installation warranty. It states that the manufacturer's warranty is to include installation and finishing work that may be required due to repair or replacement of defective doors.

Question 16: Who is responsible for staging/lifts? Individual subcontractors or the GC responsible?

Answer 16: Refer to Addendum No. 1. Per the Contract Documents, filed sub-bidders shall be responsible for furnishing, installation, and maintenance of derricks, hoisting machinery, scaffolding, staging, planking, ladders, etc., as required to complete their respective trade work. Otherwise, the General Contractor shall be responsible for furnishing, installation, and maintenance of all derricks, hoisting machinery, scaffolds, staging, planking, ladders, etc., as required to complete the Work.

Question 17: The overall project duration is listed at 870 days. When will the construction of the WTP building begin?

Answer 17: Refer to the project work sequence on Sheet G-2.

Question 18: Please confirm the perimeter caulking at the aluminum entrances, aluminum windows, FRP doors and translucent panels are being provided under 07920 – Joint Sealants.

Answer 18: Refer to Detail 12 on Sheet A-20.

Question 19: Has the town waived the fee for the electrical permit?

Answer 19: All building permit fees will be waived.

Question 20: Who is responsible for draining the fluids from the existing generator and relocating it to the owner's site?

Answer 20: Refer to Addendum No. 1, Attachment 5, Sheet E-3.

Question 21: Can EMT be used in the electric room and control room?

Answer 21: Refer to Specification 16130, Paragraph 1.5 for the types of raceways allowed.

Question 22: What are the NEMA ratings for Wells 2, 3, & 4 Buildings?

Answer 22: Refer to Specification Section 16050, Paragraph 1.11.C.3.

Question 23: I was wondering if you could please provide the prequalified sub bidders list for the water treatment project? I did not see a list within the project manual.

Answer 23: Refer to Addendum No. 1, Attachment 7.

SUPPLEMENTAL INFORMATION

Attachment 1 – Pre-Bid Meeting Minutes and Sign-In Sheet

Attachment 2 – Coordination Drawings Language

Attachment 3 – Appendix G – Zoning Board of Appeal Special Permit Decision

Attachment 4 – Appendix M – Disposal System Construction Permit

Attachment 5 – Revised Contract Drawings A-30, P-6, E-3, E-4, E-10, E-14, E-17, E-22

Attachment 6 – Appendix V – Well Station Elevations

Attachment 7 – Wells 2, 3, and 4 Water Treatment Plant Prequalified List

Attachment 8 – Revised Architectural Details

END OF ADDENDUM NO. 1

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

ADDENDUM NO. 1

ATTACHMENT 1

PRE-BID MEETING MINUTES AND SIGN-IN SHEET

MEETING MINUTES

Date: April 29, 2024 at 2:00 PM

Location: 15 Tree Lane

Meeting Title: Pre-Bid Meeting

Topic: Wells 2, 3, and 4 Water Treatment Plant
Town of Sharon, MA
DWSRF Project #12443
Contract No. 2025-101

Prepared By: Timothy Stark

Attendants: Alston Potts, PE – Environmental Partners
Timothy Stark – Environmental Partners
Christian Vray – CAM HVAC
Kim Bulman – DOC
Allie Goldberg – Weston & Sampson
Andy Chapdelaine – Elm Electrical
Rob Terpstra – Town of Sharon

A pre-bid meeting was held at the above indicated date and time at the location of the proposed Wells 2, 3, and 4 Water Treatment Plant. A meeting agenda was passed out to all attendees. After making introductions, Alston Potts began the meeting.

I. General Project Overview

1. The work under this Contract includes, but is not necessarily limited to the construction of the Wells 2, 3, and 4 Water Treatment Plant (WTP) and modifications to Well Stations 2, 3, and 4.
 - a. *Note: There is a separate contract to construct water mains from Well Stations 2 and 3 to the WTP.*
2. The WTP and Modifications to Well Station 4 shall include:
 - a. Civil/Site
 - b. Landscaping
 - c. Architectural
 - d. Structural
 - e. Process Mechanical
 - f. HVAC
 - g. Plumbing
 - h. Fire Protection
 - i. Electrical
 - j. Instrumentation and Controls
3. Modifications to Well Station 2 shall include:
 - a. Civil/Site
 - b. Process Mechanical
 - c. Electrical
 - d. Instrumentation and Controls
4. Modifications to Well Station 3 shall include:
 - a. Civil/Site
 - b. Architectural
 - c. Process Mechanical
 - d. HVAC
 - e. Electrical
 - f. Instrumentation and Controls
5. Work to be performed by Others includes:
 - a. Programming and Integration of PLCs, OITs, and HMIs by the Application Engineer (*Woodard & Curran*)
 - b. Select Natural Gas Utility Work as shown on the Contract Drawings
 - i. *Note: The Well 4 natural gas service runs through the hill where a significant amount of Civil/Site work will be performed; it is imperative that coordination with the gas company begins as soon as possible to disconnect the existing gas service.*
 - c. Select Electrical Utility Work as shown on the Contract Drawings
 - d. *Note: Coordination between the General Contractor and 3rd party entities includes scheduling and on-site equipment management.*
6. The project shall include furnishing all plant, labor, services, equipment, materials, devices, facilities, and appurtenances for the demolition, removal, and disposal of select existing structures, materials, equipment, and facilities; and the installation of new materials,

equipment, and facilities required to provide complete and operational water treatment plant and well stations in compliance with the MassDEP Drinking Water Standards.

- a. Coordination of all construction activities with the appropriate Local and State Authorities, utilities, trades, and subcontractors.
- b. Attending the Pre-construction conference, Pre-demolition conference, and the required job progress meetings.
- c. Submission of a construction schedule, sequence of construction (as described herein), list of subcontractors, and proposed source locations for off-site materials, including, but not limited to: vegetative layer and additive(s), structural fill, sand and gravel, crushed stone, stone, processed gravel, concrete, and asphalt pavement.
- d. Submission of a schedule of values for all lump sum work in accordance with Section 01370 of the Contract Documents. Schedule of values must be approved prior to payment requisitions.
- e. Submission of all required shop, working, interference, and record drawings, in a timely manner, to the Engineer, for review. Submission of operation and maintenance manuals, warranties, bonds, and field test reports. Submission of Stormwater Pollution Prevention Plan (SWPPP). Submission of health and safety plan. Submission of demolition plans. Submission of facility start-up, testing, and check-out plans. Submission of drone site photographs. *Submission of interference drawings.*
 - i. *Note: Interference drawings are of particular importance due to the large coordination effort between the General Contractor, subcontractors, third-parties, and the Town of Sharon regarding several disciplines that make up this project.*
- f. Perform all field engineering associated with the project work including, but not limited to: pre- and post-construction record of condition surveys; construction layout and elevations and preparation of an as-built CADD and PDF site plan at the completion of the project.
- g. Mobilization to the Site and Demobilization from the Site.
- h. Traffic management, including submission of a traffic management plan to the Engineer/Owner for review.
 - i. *Access to and from the site shall be from Tree Lane Only (refer to Appendix G for additional traffic and site security requirements).*
- i. Providing temporary facilities, including a field office.
- j. Select demolition, refer to Section 01900, including: Site/Civil; Painting; Process Mechanical; Heating, Ventilation, and Air Conditioning (HVAC); Electrical; and Instrumentation and Controls/SCADA.
- k. Hazardous waste abatement and hazardous waste disposal at each of the well stations, as needed, refer to Appendix K – Well Stations Hazardous Waste Building Materials Survey Report. The General Contractor shall be solely responsible for all hazardous waste abatement. The General Contractor shall be solely responsible for proper disposal of all hazardous waste. The General Contractor shall coordinate all work with filed sub bidders.
- l. Providing site security, temporary fencing, and other construction site control measures, as needed.

- i. *Note: The project site is located near residents, so site security and safety is critical.*
- m. Protection of existing on-site structures and coordination with on-going Owner operations.
- n. On-site and laboratory testing, as specified.
- o. Recondition production wells, as specified.
- p. Civil/site construction including, but not limited to: sediment and erosion control; site preparation; grubbing; grading; excavation; earthwork; temporary excavation support systems; dewatering; paving; utilities including water, sanitary waste, sample sink waste, electric, internet, and gas; fiber optic trenching and backfilling; concrete equipment pads; yard piping and valves; hydrants; thrust blocks; catch basins; manholes; hydrodynamic separators; plantings and landscaping; infiltration basins; retaining walls; loam and seed; gravel areas; chain link fencing; guardrail; and disinfection of water systems.
- q. Architectural and structural construction of water treatment plant. Work includes cast-in-place concrete; precast concrete planks; concrete faced insulated panels; masonry; metal building system; metals; woodwork and carpentry; windows; roofing; fiberglass grating, stairs, and railings; aluminum stairs, guardrails, and grating; damproofing; waterproofing; air/vapor barrier and insulation; steel and fiberglass doors; overhead coiling door; louvers; finishes; lifting beam and hoist trolley; and signage.
 - i. *This project includes a subgrade finished water wet well, backwash waste tank, and pipe gallery.*
 - ii. *The superstructure will be a pre-engineered metal building.*
- r. Process mechanical construction of mechanical process equipment and appurtenances including but not limited to: pumps; chemical storage tanks and chemical feed systems; iron and manganese filtration system; bag filter system; PFAS filtration system; gates; control valves; air scour blower; sample sink drain and sample sink fixtures; and various associated process piping, valves, and appurtenances. The work includes coordination, start-up, check-out, field testing, and O&M training of the mechanical process equipment.
 - i. The iron and manganese removal filters will use Greensand media.
 - ii. The PFAS treatment vessel pairs will use granular activated carbon (GAC) media in the lead vessel and ion exchange resin (IX) media in the lag vessel.
 - iii. There is an area of the WTP with room dedicated to future nitrate treatment vessels and equipment.
 - iv. *All process piping at least 7 feet off the floor must be supported from the pre-engineered metal building or cast-in-place concrete ceiling.*
- s. HVAC construction including but not limited to: unit heaters; heat pump; thermostats; air separator; dampers; air handling units; dehumidifier; condensing units; fume hood; ductwork; insulation; fans; louvers; HVAC instrumentation and controls; and HVAC systems testing, adjusting, and balancing. HVAC coordination drawings shall be provided for final coordination of installation and maintenance clearances of all systems and equipment with Architectural, Structural, Mechanical,

- Plumbing, Fire Protection, Electrical and other work. Select demolition at Well Stations 3 and 4.
- t. Plumbing construction including but not limited to: emergency shower/eye wash stations; plumbing for water, gas, and sanitary waste; plumbing fixtures and equipment; drains; insulation; water heaters; pumps; backflow preventers; hose bibbs; wall hydrant; sink; and toilet. Select demolition at Well Station 4.
 - u. Fire protection system including but not limited to: automatic wet pipe fire suppression sprinkler system. Coordination with Town of Sharon Fire Department including the submission of the NFPA 241 plan.
 - v. Electrical construction including but not limited to: lighting; communications including fiber optic; fire alarm system; chemical alarm system; security system; motor control center; panel boards; power panels; variable frequency drives; transformer; stand-by generator; automatic transfer switch; motor starters; grounding; lightning protection systems; electric vehicle charging station; interior and exterior conduit and wiring; and testing. Select demolition at Well Stations 2, 3, and 4.
 - i. *The work includes installing photovoltaic panels on a portion of the WTP building as shown in the plans.*
 - w. Hoisting equipment including, but not limited to: portable gantry crane, scissor lift, and finished water pump hoist and trolley.
 - x. Perform PFAS removal media pilot at Well Station 4.
 - y. Coordination with water, gas, electric, and internet utilities. Coordination with work completed by Town.
 - z. Instrumentation and controls construction including but not limited to: instrumentation and controls hardware and products such as flow instruments, pressure instruments, level instruments, pH instruments, chlorine instruments and temperature instruments; control panels; and SCADA system. The work includes coordination meetings, start-up, check-out, field testing, and O&M training of the instrumentation and controls systems. Coordination with work completed by Application Engineer. Select demolition at Well Stations 2, 3, and 4.
 - aa. Obtaining necessary permits and licenses, complying with and maintaining all items required by applicable permits, and payment of fees.
 - i. Obtaining necessary permits and licenses include but are not limited to: Building, Fire Protection, Trench Opening, Construction General Permit, and Generator Certification (Appendix H), and all other permits and licenses necessary to complete the work.
 - ii. Complying with all previously obtained permits included in the specification appendices.
 - bb. Complying with the requirements of the Massachusetts State Revolving Loan Fund Program (SRF).
 - cc. Providing technical service representatives from equipment manufacturers for performance inspections, start-up services, performance testing, acceptance testing, and training.
 - dd. Providing a Licensed Facility Operator for facility start-up, testing, and check-out.

7. Filed Sub-Bids include the following:
 - a. Masonry
 - b. Miscellaneous and Ornamental Iron
 - c. Waterproofing, Damp-Proofing, and Caulking
 - d. Metal Windows
 - e. Painting
 - f. Plumbing
 - g. Heating, Ventilation, and Air Conditioning
 - h. Fire Protection
 - i. Electrical Work

II. Bidding & Progress Schedule

- All **pre-qualified** general bids and **pre-qualified** filed sub-bids shall be submitted online at www.Projectdog.com. **Hard copy bids will not be accepted by the Town of Sharon.** See Section 00100.1 Supplemental Instructions to Bidders for Electronic Bid Projects by Projectdog for more information.
 - Filed sub-bids shall be titled “[**Filed Sub-bid Classification**] **Filed Sub-Bid for the Wells 2, 3, and 4 Water Treatment Plant, Town of Sharon, Massachusetts, Contract No. 2025-101 (DWSRF Project #12443)**”
 - Filed sub-bids will be received until **2:00 PM prevailing time on Tuesday, May 7, 2024**
 - General Bids shall be titled “**Wells 2, 3, and 4 Water Treatment Plant, Town of Sharon, Massachusetts, Contract No. 2025-101 (DWSRF Project # 12433)**”
 - General bids will be received until **2:00 PM prevailing time on Tuesday, May 21, 2024**
- Construction must be complete within **870** calendar days from and including issuance of a notice to proceed, and/or receipt of a fully executed contract. All proposed work at the well stations shall be sequenced as described in Sheet G-2 of the Contract Drawings.

III. Questions

- Submit questions in writing to Environmental Partners at Sharonwtp@envpartners.com. No interpretation of meaning of the Drawings, Specifications, or other pre-bid documents will be made to any Bidder orally.
 - Questions in relation to filed sub-bid work must be received by the close of business (4pm) at least seven (7) calendar days prior to the date fixed for the opening of filed sub-bids.
 - Questions in relation to the general bid work must be received by the close of business (4 PM) at least seven (7) calendar days prior to the date fixed for the opening of general bids.

IV. Site Walk

Following the discussion, the meeting attendees walked the site including Well Stations 2, 3, and 4.

PRE-BID MEETING

Town of Sharon, MA
 Wells 2, 3, and 4 Water Treatment Plant

Name	Company	Signature	Email	Phone
Christian Vray	CAM KUAC		CVRAY@CAMKUAC.COM	401-232-7230
Kim Bulman	DOC		kbulman@doc.build	508 520 8900
Allie Goldberg	WESTON & SAMPSON		goldberg.allie@wsc.com	201-752-0728
Andy Chapdelaine	FIM Electrical		AChapdelaine@fimelec.com	413 485-8349
Tim Stark	Environmental Partners		tns@envpartners.com	617-657-0999
Alston Potts	Environmental Partners		awp@envpartners.com	617-657-0292

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

ADDENDUM NO. 1

ATTACHMENT 2

COORDINATION DRAWINGS LANGUAGE

COORDINATION DRAWINGS

- A. The General Contractor shall prepare a complete set of AutoCAD format floor plans and sections background drawings at scale not less than 3/8" equals 1'-0", showing structure and other information as needed for coordination. These will be the Coordination Drawings.*
- B. Each of the below specialty trades, General Contractor, and subcontractor shall add its work, based on accepted equipment submittals, to these background drawings in different colors and layers with appropriate elevations and grid dimensions. Specialty trade information is required for fan rooms and mechanical rooms, horizontal exits from duct shafts, crossovers, and for spaces in and above ceilings where congestion of work may occur such as corridors, and even entire floors. Drawings shall indicate horizontal and vertical dimensions, to avoid interference with structural framing, ceilings, partitions, and other services.*
 - 1. HVAC Systems and all sheet metal work.*
 - 2. Plumbing Systems.*
 - 3. Sprinkler System.*
 - 4. Electrical System including light locations.*
 - 5. Process Mechanical Piping and Appurtenances.*
 - 6. Reflected Ceiling Plans.*
 - 7. Instrumentation.*
- C. Where conflicts occur with placement of materials of various trades, the General Contractor will be responsible to coordinate the available space to accommodate all trades. Any resulting adjustments shall be initialed and dated by the specialty trade.*
- D. A Subcontractor who fails to promptly review and incorporate his work on the drawings shall assume full responsibility of any installation conflicts affecting his work and of any schedule ramifications.*
- E. The General Contractor shall make AutoCAD electronic file of all coordination drawings. Fabrication shall not start until such transparencies of completed coordination drawings are received by the Architect/Engineer and have been reviewed*
- F. Review of coordination drawings shall not diminish responsibility under this Contract for final coordination of installation and maintenance clearances of all systems and equipment with Architectural, Structural, Mechanical, Electrical and other work.*
- G. The General Contractor shall provide the following distribution of documents:*
 - 1. Electronic file of the Coordination Drawings to each specialty trade and affected Subcontractor for their use.*
 - 2. Electronic file of the final Coordination Drawings to the Engineer.*
- H. Coordination Drawings include but are not necessarily limited to:*
 - 1. Structure.*
 - 2. Partition/room layout.*

3. *Ceiling tile and grid.*
4. *Light fixtures.*
5. *Access panels.*
6. *Sheet metal, grilles, diffusers, etc*
7. *Domestic water, gas, waste, and vent piping and associated valves.*
8. *Electrical conduit runs and electrical equipment.*
9. *Sprinkler piping, heads and mounting brackets.*
10. *Process equipment and process piping.*
11. *Instrumentation.*

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

ADDENDUM NO. 1

ATTACHMENT 3

APPENDIX G – ZONING BOARD OF APPEAL SPECIAL PERMIT DECISION

APPENDIX G

Zoning Board of Appeals Special Permit Decision

DECISION ON APPLICATION FOR RENEWAL OF SPECIAL PERMIT

RECEIVED
CLERK'S OFFICE
SHARON, MA 02067

APPLICANT: Town of Sharon Department of Public Works by its consultant, Environmental Partners Group, LLC - Case No. 1927

PROPERTY LOCATION: 15 Tree Lane, Sharon, MA

By application ("Application") filed with the Sharon Town Clerk on January 16, 2024, Town of Sharon Department of Public Works by its consultant, Environmental Partners Group, LLC. ("Applicant"), petitioned the Town of Sharon Zoning Board of Appeals for Minor Site Plan Review for the construction of a new water treatment plant and water mains for Wells 2, 3, and 4 at 15 Tree Lane, Sharon, MA (the "Property"), in order to come into compliance with current and proposed drinking water regulations for PFAS and for the removal of source water iron and manganese. These are as follows:

1. Applicant seeks approval under Section 10.6.4 , Minor Site Plan Review, as set forth in the Town of Sharon, MA Zoning Code, Division 1, Part 2, Chapter 275 of the Sharon Massachusetts By-Laws. Site plan review is required for the projects listed below:
 - a. Construction, exterior alteration, exterior expansion, or change of use within a municipal, institutional, commercial, or industrial project.
 - b. Residential projects involving three or more dwelling units; or
 - c. Construction or expansion of a parking lot for a municipal, institutional, commercial, industrial, or residential structure with 20 or more parking spaces.
2. Applicant also requests the granting of such other Special Permits, Variances, Findings, or any other relief which the Zoning Board determines requisite for the proposed use.

A hearing, duly noticed under the applicable statutes and Bylaw provisions was opened via Zoom Meeting on February 28, 2024, and continued on March 13, 2024, and closed as requested by the applicant. The voting members were Garber, Mehta & Wallenstein.

At the opening hearing, the Zoning Board of Appeals and the Applicant reviewed the following correspondence, a memo from the Kevin Davis, Agent of the Board of Health, dated February 22, 2024, and a memo from Conservation Administrator, Josh Philibert, dated January 30, 2024.

DECISION:

Having considered the Application, the evidence presented at the public hearing and all of the public records, the Zoning Board of Appeals voted 3-0-0 (Garber, Mehta, Wallenstein) to grant the Applicant a Minor Site Plan Review pursuant to Section 10.6.4 of the Zoning By-Law.

In rendering this Decision, the Zoning Board of Appeals notes that the Minor Site Plan review issued hereunder shall expire within twenty-four (24) months (exclusive of the time required to pursue or await the determination of an appeal referred to in M.G.L., Chapter 40A, Section 17) from the grant hereof if a substantial use thereof has not sooner commenced, except for good cause, or in the case of a permit for construction, if construction has not begun by such date, except for good cause.

Appeals, if any, shall be made pursuant to M.G.L. Chapter 40A, Section 17 and shall be filed within twenty days after the date of the filing of this Decision in the Office of the Sharon Town Clerk.

This Decision shall not take effect until a copy of the Decision bearing the certification of the Sharon Town Clerk that twenty (20) days have elapsed after the Decision has been filed in the Office of the Sharon Town Clerk and no appeal has been filed or that if such appeal has been filed, that it has been dismissed or denied, is recorded with the Registry of Deeds for the county and district in which the land is located and indexed, in the grantor index under the name of the owner of record or is recorded and noted on the owner's certificate of title.

IN WITNESS WHEREOF, the undersigned has executed this instrument under seal as of the date set forth below.

By: Joseph H. Auler
Joe Garber, Chair
Town of Sharon Zoning Board of Appeals

Dated: APRIL 11TH, 2024

I, Joe Garber, Chairman of the Town of Sharon Zoning Board of Appeals, hereby certify on behalf of the Town of Sharon Zoning Board of Appeals that the foregoing is a true copy of the Decision of the Sharon Zoning Board of Appeals and that certified copies of the Decision referred to herein have been filed with the Planning Board and the Town Clerk.

By: Joseph H. Auler
Joe Garber, Chair
Town of Sharon Zoning Board of Appeals

Filed in the Office of the Town Clerk on the 11th day of April, 2024.

Mark F. Hogan
Mark F. Hogan, Town Clerk

I, Mark F. Hogan, Town Clerk of the Town of Sharon, hereby certify that the foregoing is a true copy of the Decision of the Town of Sharon Zoning Board of Appeals dated _____ and filed with the Office of the Town Clerk on _____ and those twenty (20) days have elapsed after the date of such filing without the filing of any appeal on such Decision.

Dated: _____

Mark F. Hogan, Town Clerk

EXHIBIT A

This Decision is subject to the following standard conditions:

Standard Conditions:

- 1) The proposed structural expansion use shall be as shown on the Plans approved, as submitted by the Applicant dated November 20, 2023.
- 2) Any construction area shall be returned to the condition it was in prior to the commencement of construction.
- 3) The Premises shall be equipped with water conserving showerheads, water conserving faucets and water conserving flush toilets.
- 4) All fertilizers, pesticides and herbicides used at the Premises shall be organic and of the low nitrogen content variety.
- 5) The property will require further evaluation by the Sharon Board of Health to ensure that the septic system shall meet all current requirements. The septic system shall be maintained in accordance with the requirements of the Sharon Board of Health.
- 6) There shall be no garbage disposers or disposals at the Premises.
- 7) No sodium chloride (road salt) shall be used on any driveways or walkways at the Premises.
- 8) Only laundry detergents with no phosphorous shall be used at the Premises, and only dishwashing detergents with low phosphorous shall be used at the Premises.
- 9) Leaders for roof gutters must be directed into drywells.

This Decision is subject to the following special conditions:

Special Conditions:

- 1) Neighbors to be included in discussion and review of planting plans within 12 months prior to installation.
- 2) Install public safety construction signage on Pine Grove Ave, Norwood Street, Tree Lane and Upland Road.
- 3) Traffic Mitigation – control and limit construction traffic on Tree Lane
- 4) Install 6-foot chain linked construction fencing with windscreen blockage.
- 5) Potential jersey barrier or gated road for pedestrian and children safety for entry at Pine Grove Ave and Tree Lane towards Upland Road.

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

ADDENDUM NO. 1

ATTACHMENT 4

APPENDIX M – DISPOSAL SYSTEM CONSTRUCTION PERMIT

APPENDIX M

Disposal System Construction Permit



Commonwealth of Massachusetts
Town of Sharon
Disposal System Construction Permit

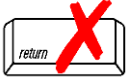
Number _____

\$ _____
Fee

Violation of any of the requirements or conditions will cause immediate revocation of this permit.

Permission is hereby granted to:

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Name

Name of Company

Address

Telephone Number

City/Town

State

Zip Code

to perform the following work on an on-site sewage disposal system:

- Construct a new on-site sewage disposal system
- Repair or replace an existing on-site sewage disposal system
- Repair or replace an existing system component

Facility Address

City/Town

State

Zip Code

Owner

The work to be performed is further described in the Application for Disposal System Construction Permit. The applicant recognizes his/her duty to comply with Title 5, Article 7, and the following local provisions or special conditions:

Permits shall become void 12 months after the date of issue unless construction is completed within that period, and they are nontransferable. The Board may, in its discretion, allow a twelve-month extension.

Approved by

Date

Title

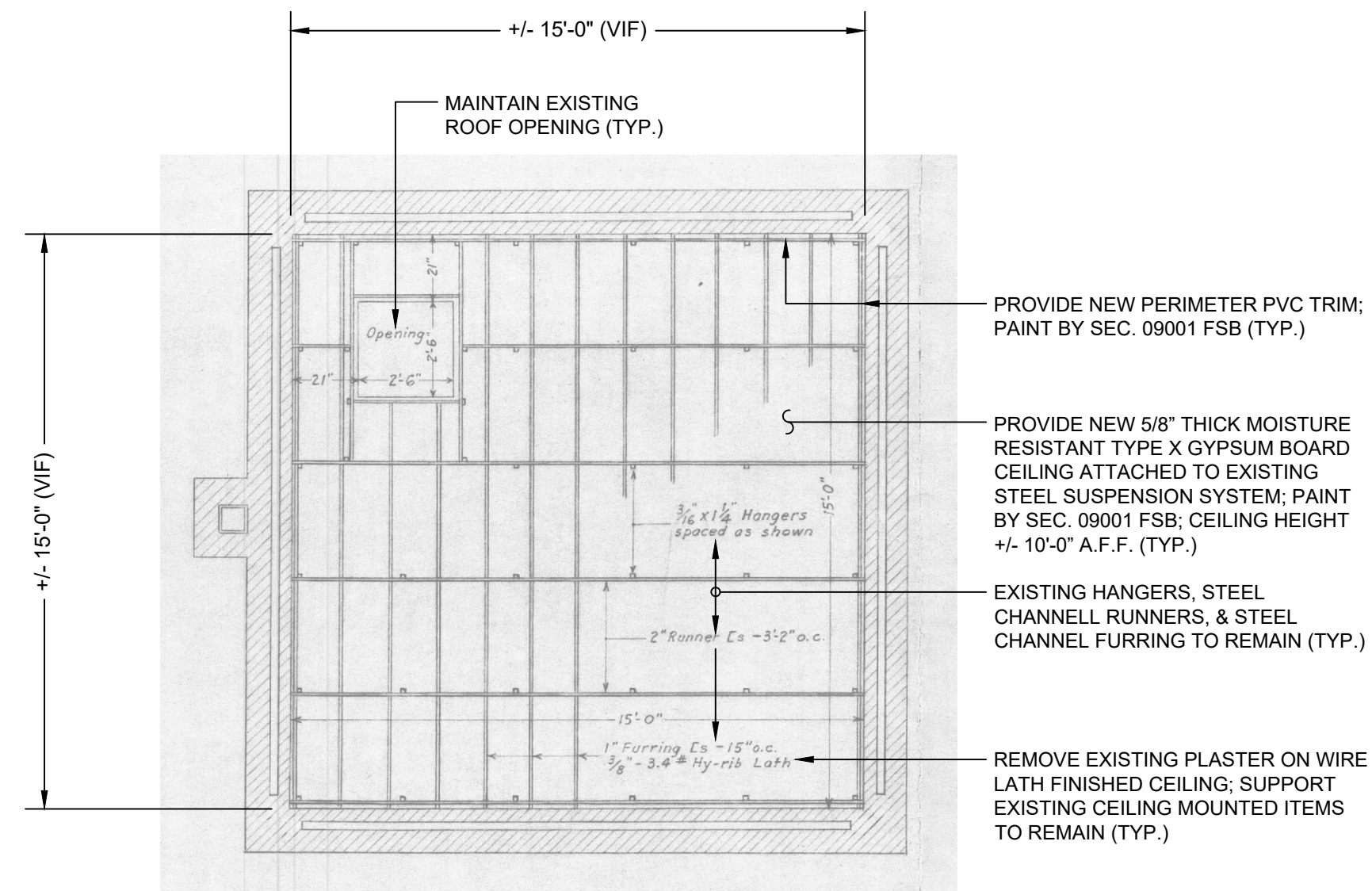
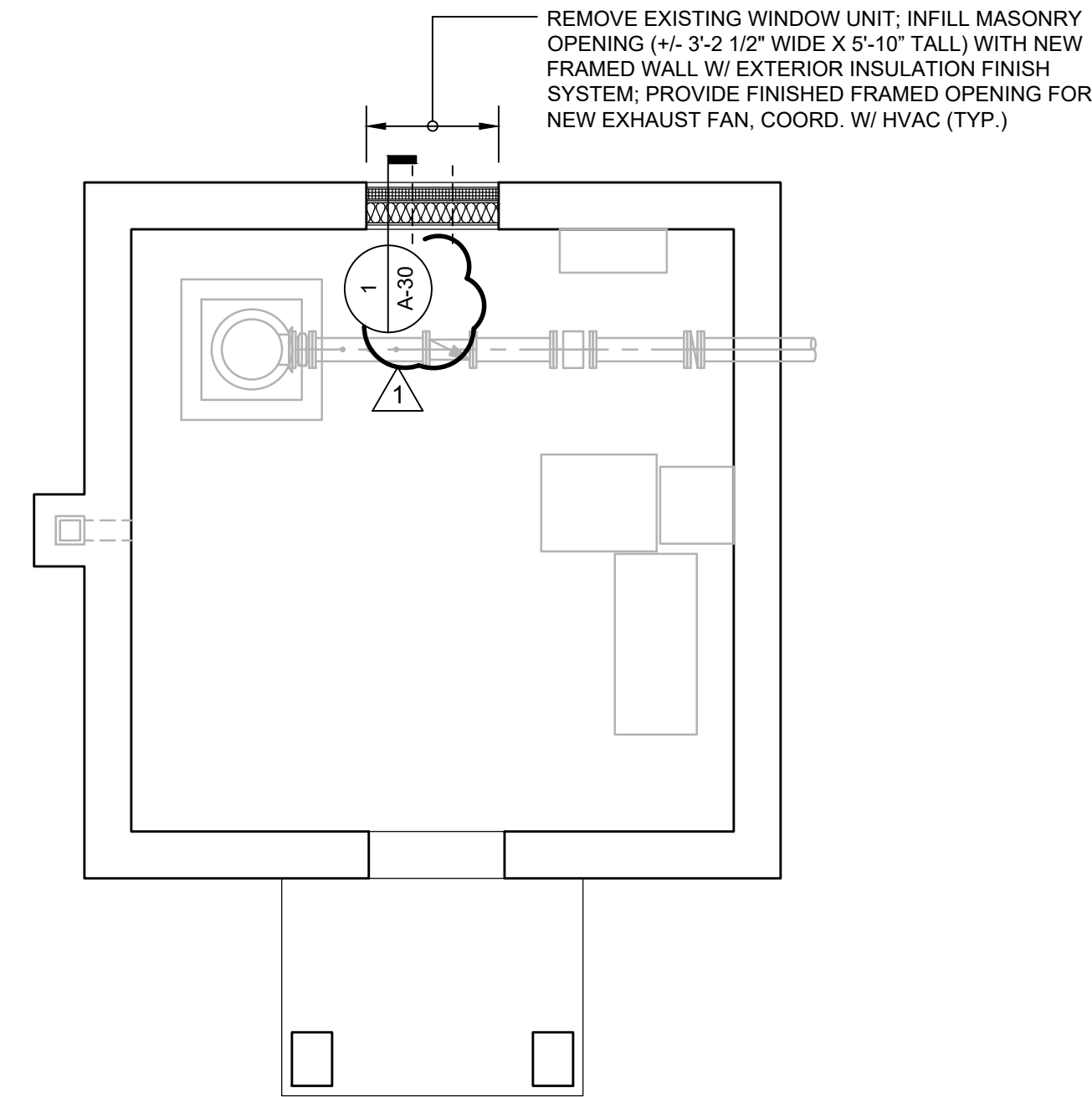
**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

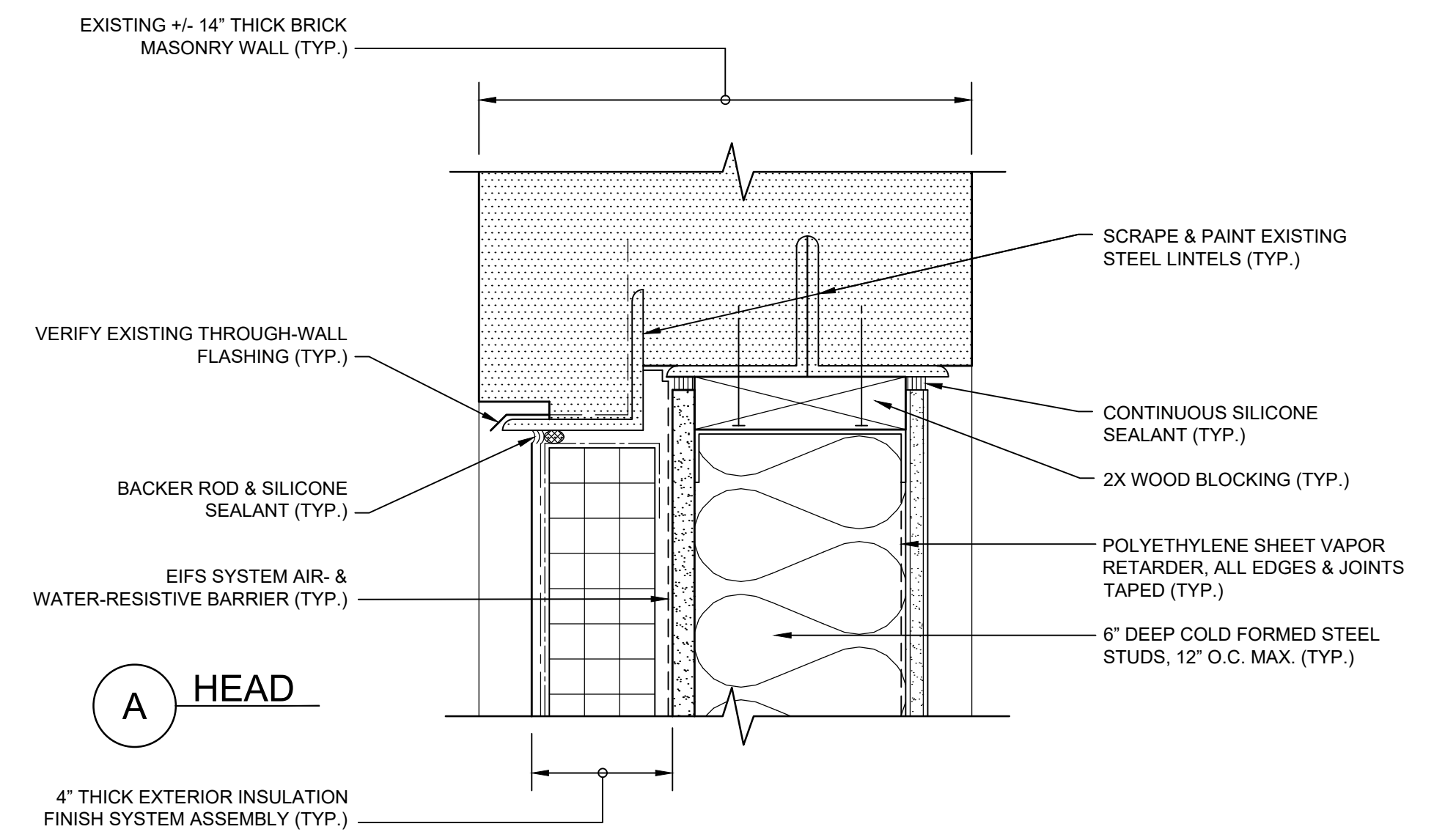
ADDENDUM NO. 1

ATTACHMENT 5

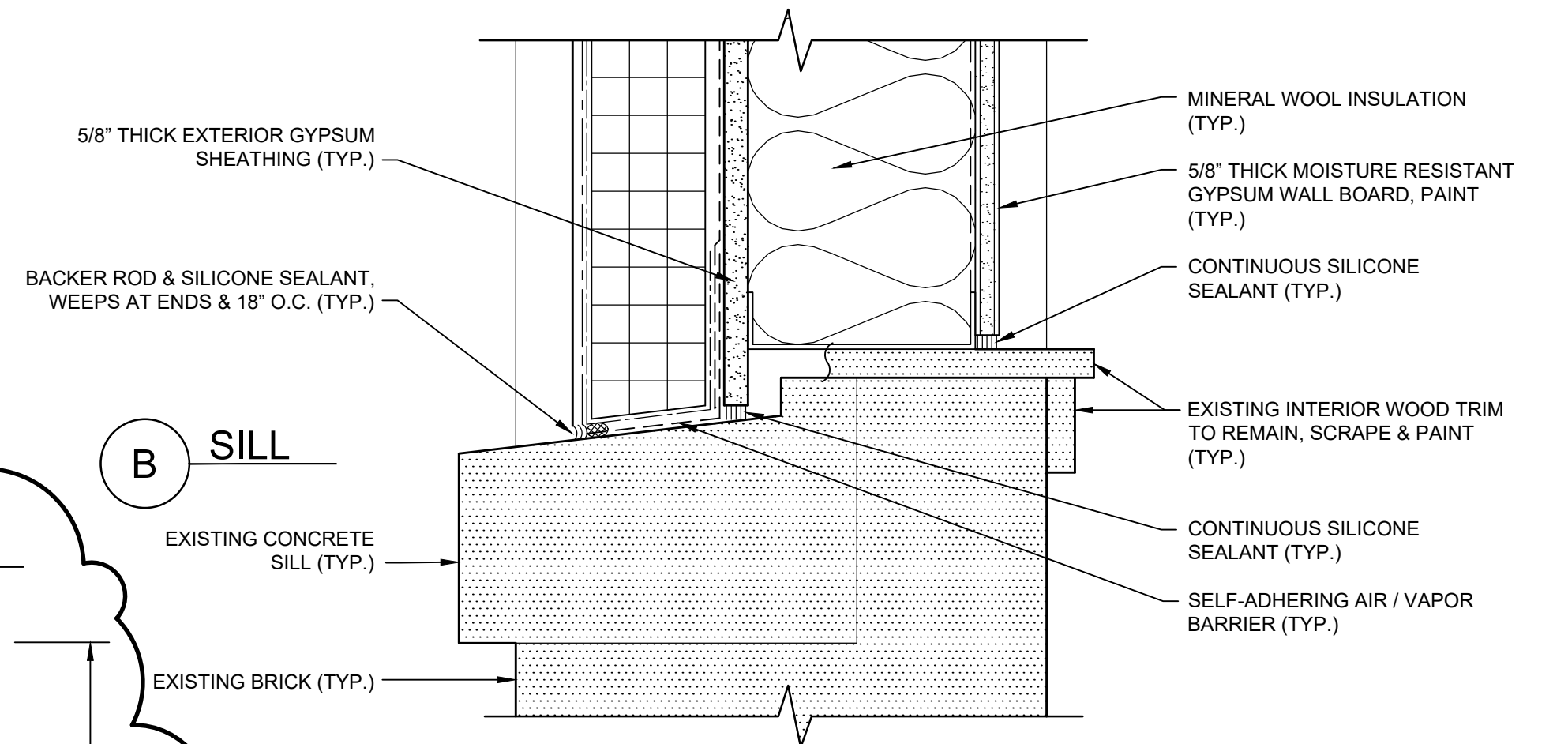
REVISED CONTRACT DRAWINGS A-30, P-6, E-3, E-4, E-10, E-14, E-17, E-22



WELL STATION 3 RCP
SCALE: 1/4"=1'-0"



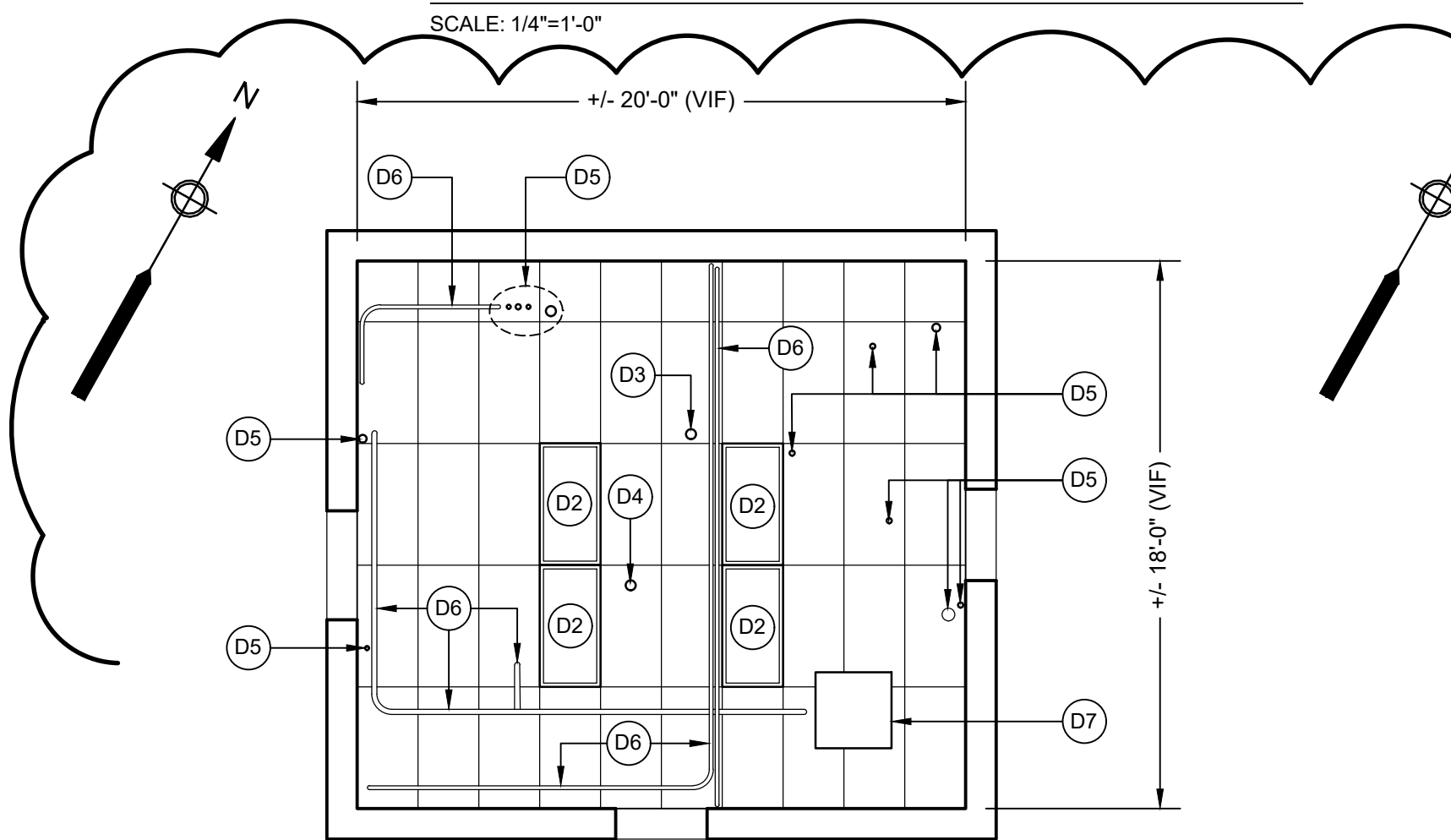
A HEAD



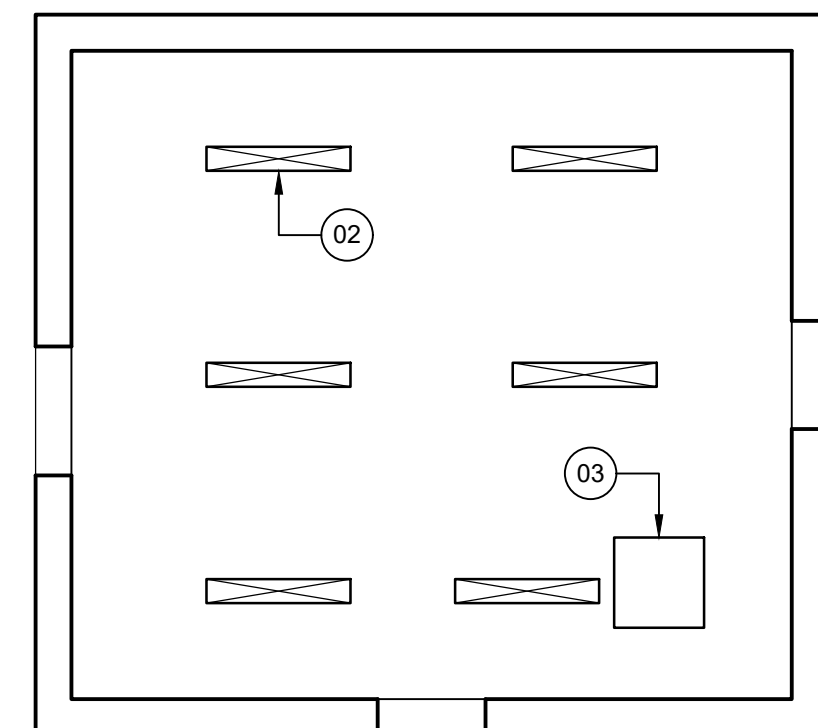
B SILL

WINDOW INFILL DETAIL
SCALE: 3/8"=1'-0"

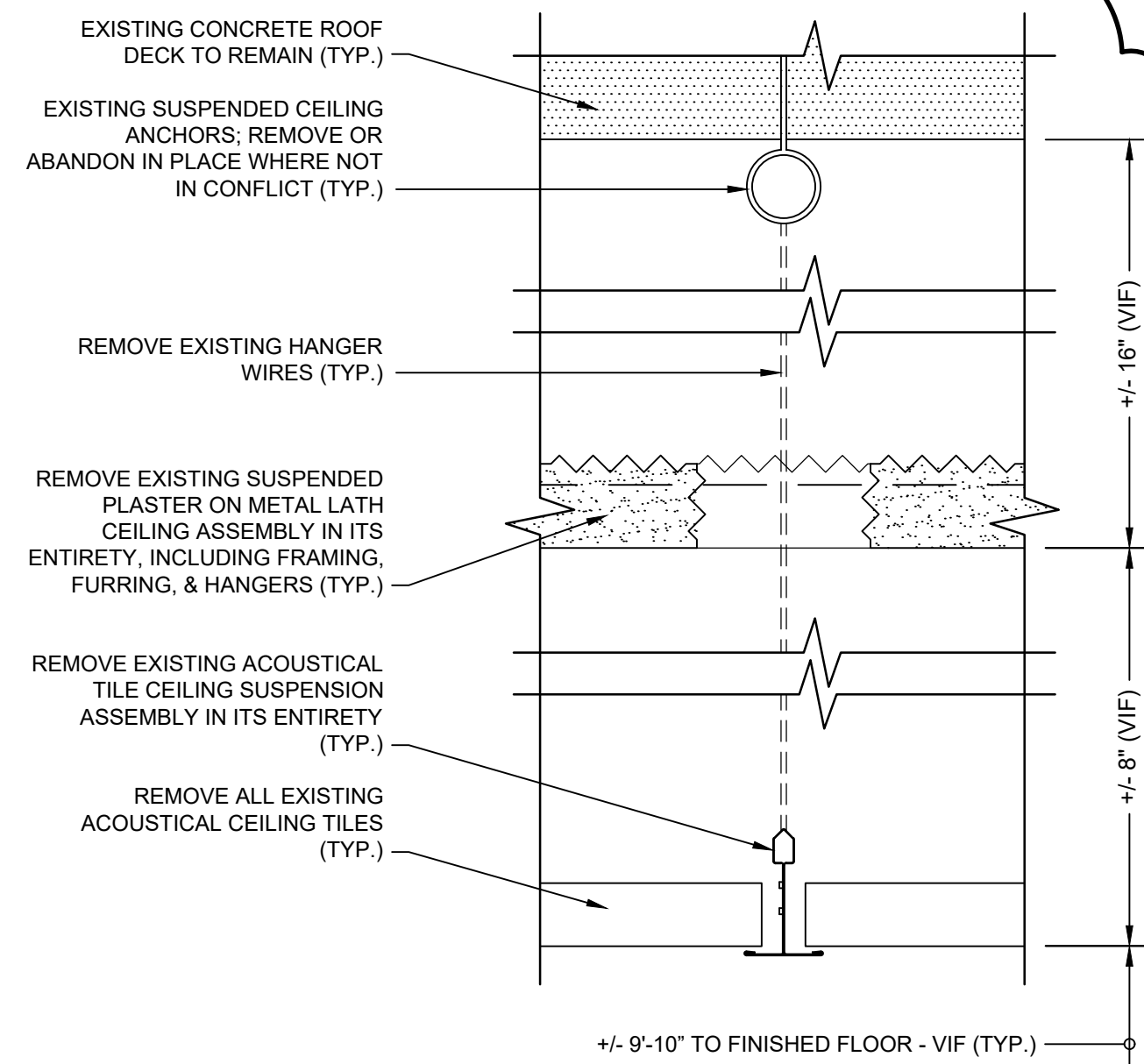
WELL STATION 3 FLOOR PLAN
SCALE: 1/4"=1'-0"



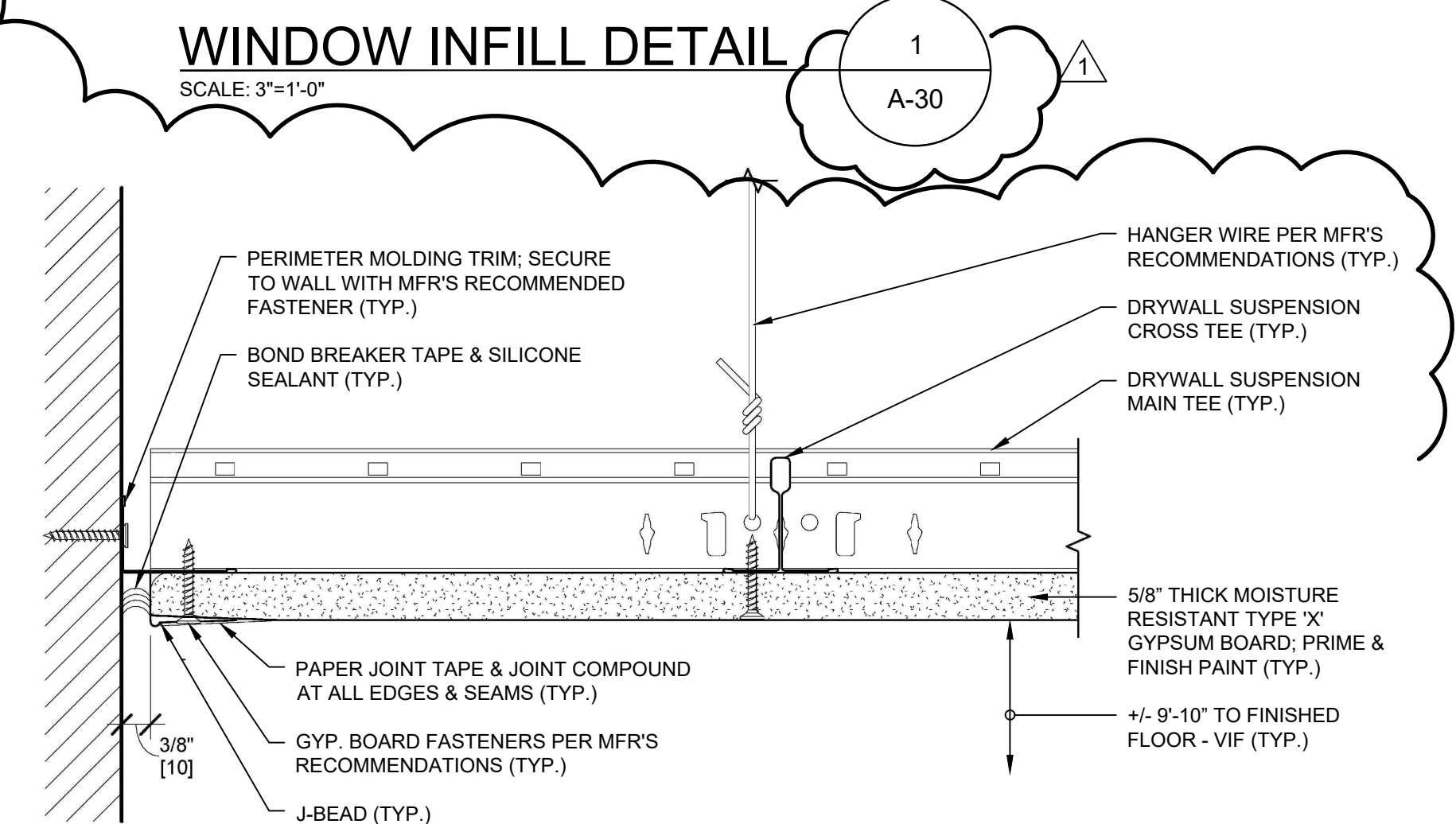
WELL STATION 4 EXISTING / DEMO RCP
SCALE: 3/16"=1'-0"



WELL STATION 4 PROPOSED RCP
SCALE: 3/16"=1'-0"



WELL 4 EXISTING / DEMO CEILING DETAIL
SCALE: 6"=1'-0"



WELL 4 CEILING DETAIL
SCALE: 6"=1'-0"

WELL 4 EXISTING / DEMO RCP NOTES:

- | | |
|---|---|
| D1 REMOVE EXISTING SUSPENDED ACOUSTICAL TILE CEILING (ATC) ASSEMBLY IN ITS ENTIRETY; REMOVE EXISTING SUSPENDED PLASTER ON METAL LATH CEILING ABOVE IN ITS ENTIRETY; SEE DETAIL 2/A-30. (TYP.) | D5 INDICATES EXISTING CONDUIT OR OTHER PIPE PENETRATION THROUGH ATC - VIF; SEE ELECTRICAL FOR WORK. (TYP.) |
| D2 REMOVE EXISTING RECESSED FLUORESCENT LIGHTING FIXTURE; SEE ELECTRICAL. (TYP.) | D6 INDICATES EXISTING CONDUIT OR OTHER PIPES RUNNING AT/BELOW ATC - VIF; SEE ELECTRICAL FOR WORK. (TYP.) |
| D3 REMOVE EXISTING INCANDESCENT LIGHTING FIXTURE; SEE ELECTRICAL. (TYP.) | D7 EXISTING +/- 30" X 30" WELL AT ROOF HATCH TO REMAIN. |
| D4 EXISTING SENSOR; SEE ELECTRICAL FOR WORK. (TYP.) | D8 VERIFY ALL OTHER ITEMS MOUNTED TO, PENETRATING THROUGH, OR INSTALLED ABOVE EXISTING SUSPENDED ATC & EXISTING SUSPENDED PLASTER CEILING. (TYP.) |

WELL 4 PROPOSED RCP NOTES:

- | |
|---|
| O1 PROVIDE NEW SUSPENDED MOISTURE RESISTANT TYPE 'X' GYPSUM BOARD CEILING ASSEMBLY; SEE DETAIL 3/A-30. (TYP.) |
| O2 NEW SURFACE MOUNTED LIGHTING FIXTURES; SEE ELECTRICAL. (TYP. OF 6) |
| O3 EXISTING +/- 30" X 30" WELL AT ROOF HATCH TO REMAIN; REPAIR OR MODIFY AS REQUIRED TO ACCOMMODATE NEW CEILING WORK. |
| O4 VERIFY ALL OTHER EXISTING OR NEW ITEMS MOUNTED TO, PENETRATING THROUGH, OR INSTALLED ABOVE NEW SUSPENDED GYPSUM BOARD CEILING ASSEMBLY. (TYP.) |



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CGKV Architects, Inc.

MARK	DATE	DESCRIPTION
1	04/25/24	ADDENDUM NO. 1

Scale	AS SHOWN
Date	APRIL 2024
Job No.	245-2103
Designed by	JK
Drawn by	EZ
Checked by	JK
Approved by	JK

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

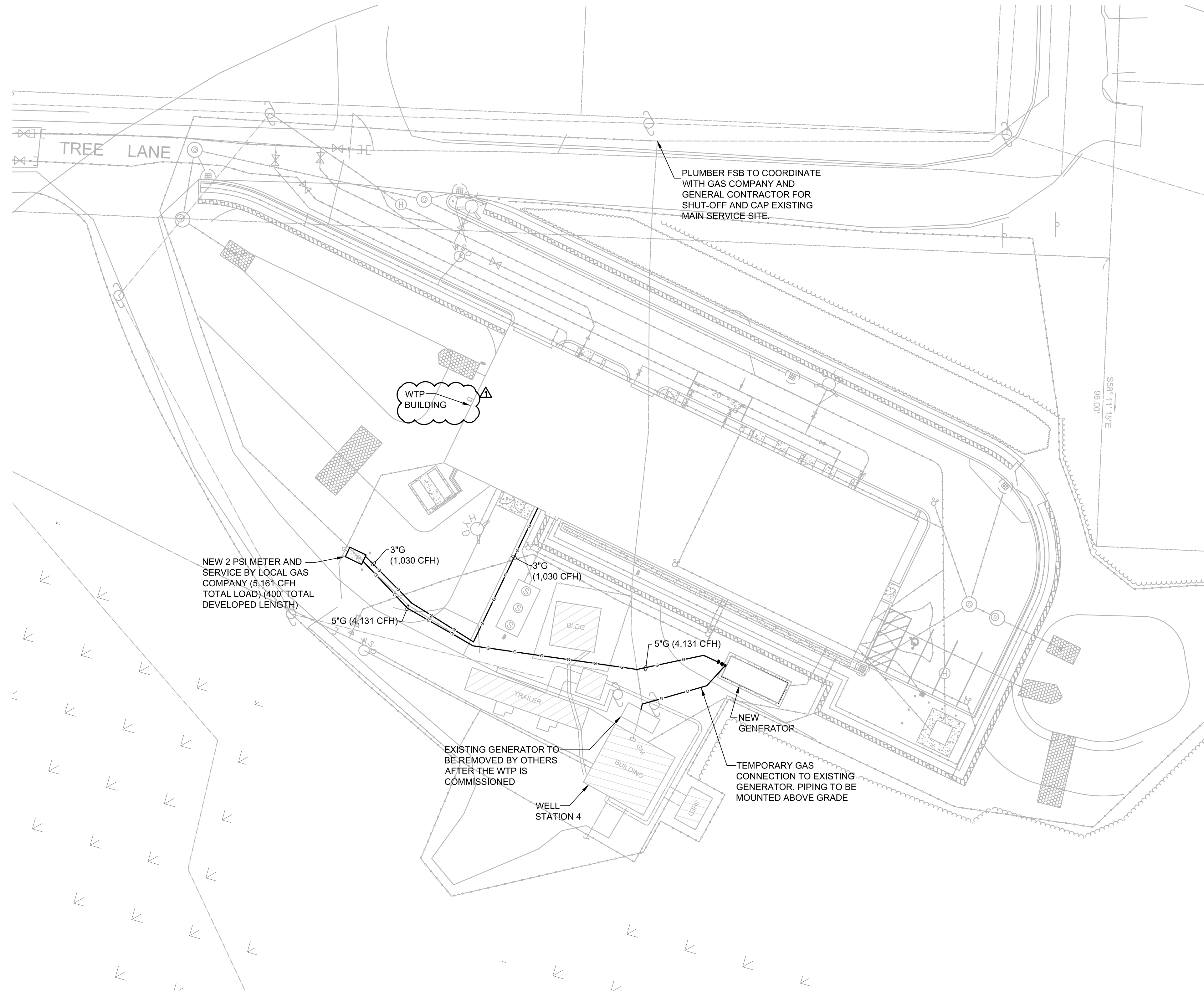
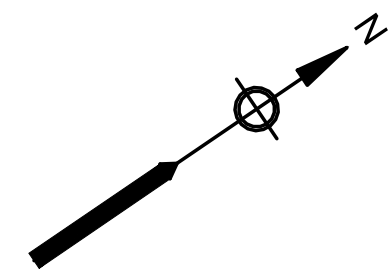
WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

WELL STATIONS 3 & 4 ARCHITECTURAL IMPROVEMENTS

FOR CONSTRUCTION

Sheet No.

A-30



- NOTES:**
- SALVAGE GENERATOR AND RETURN TO OWNER AT OWNER DETERMINED LOCATION WITHIN THE TOWN OF SHARON.

SITE PLAN
SCALE: 1"=20'-0"



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MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

Scale	1"=20'
Date	APRIL 2024
Job No.	245-2103
Designed by	RHB
Drawn by	RLB
Checked by	MC
Approved by	MC

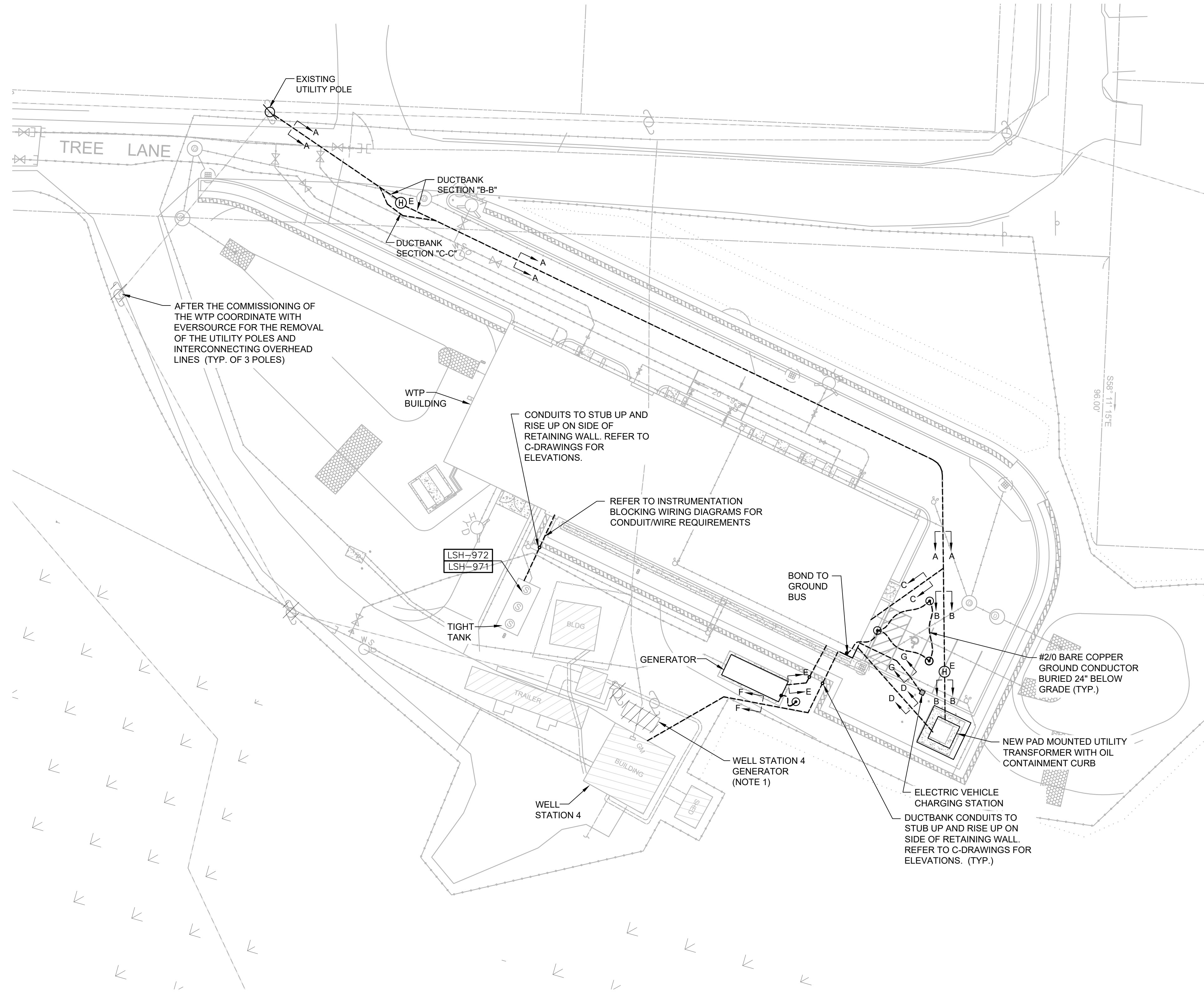
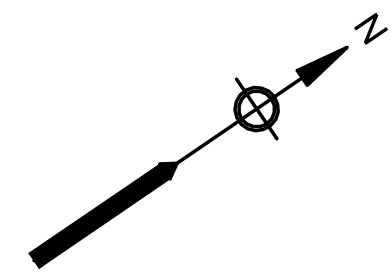
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA**

**PLUMBING
WTP & WELL STATION 4 SITE PLAN**

FOR CONSTRUCTION
Sheet No.

P-6



NOTES:

- SALVAGE EXISTING GENERATOR AND RETURN TO OWNER AT OWNER DETERMINED LOCATION WITHIN THE TOWN OF SHARON. PRIOR TO MOVING DRAIN AND PROPERLY DISPOSE OF ALL GENERATOR FLUIDS.

AFTER THE COMMISSIONING OF THE WTP COORDINATE WITH EVERSOURCE FOR THE REMOVAL OF THE UTILITY POLES AND INTERCONNECTING OVERHEAD LINES (TYP. OF 3 POLES)

CONDUITS TO STUB UP AND RISE UP ON SIDE OF RETAINING WALL. REFER TO C-DRAWINGS FOR ELEVATIONS.

REFER TO INSTRUMENTATION BLOCKING WIRING DIAGRAMS FOR CONDUIT/WIRE REQUIREMENTS

BOND TO GROUND BUS

#2/0 BARE COPPER GROUND CONDUCTOR BURIED 24" BELOW GRADE (TYP.)

NEW PAD MOUNTED UTILITY TRANSFORMER WITH OIL CONTAINMENT CURB

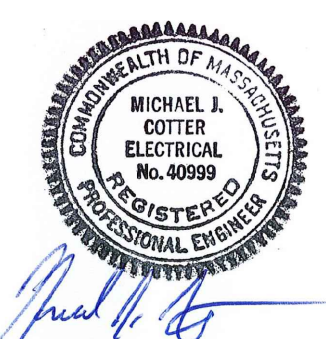
ELECTRIC VEHICLE CHARGING STATION
DUCTBANK CONDUITS TO STUB UP AND RISE UP ON SIDE OF RETAINING WALL. REFER TO C-DRAWINGS FOR ELEVATIONS. (TYP.)

SITE PLAN
SCALE: 1"=20'



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617-521-9228
www.swr.com



MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

Scale	1"=20'
Date	APRIL 2024
Job No.	245-2103
Designed by	MC
Drawn by	RLB
Checked by	MC
Approved by	MC

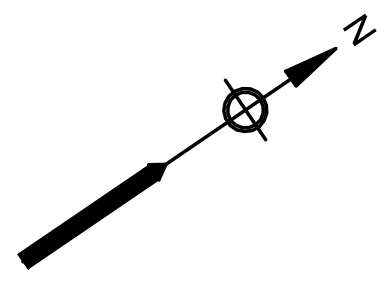
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

ELECTRICAL
WTP & WELL STATION 4 SITE PLAN

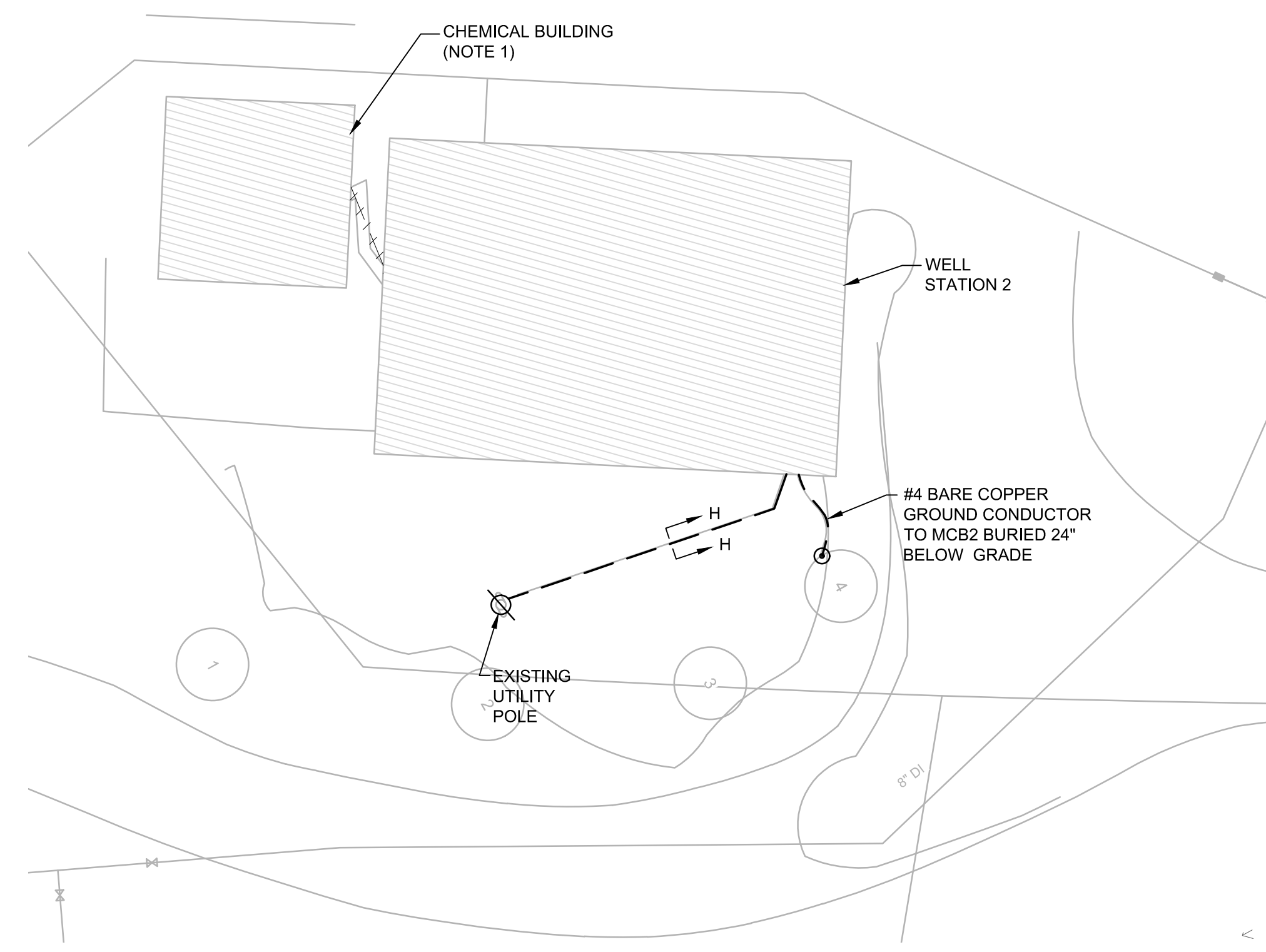
FOR CONSTRUCTION
Sheet No.

E-3

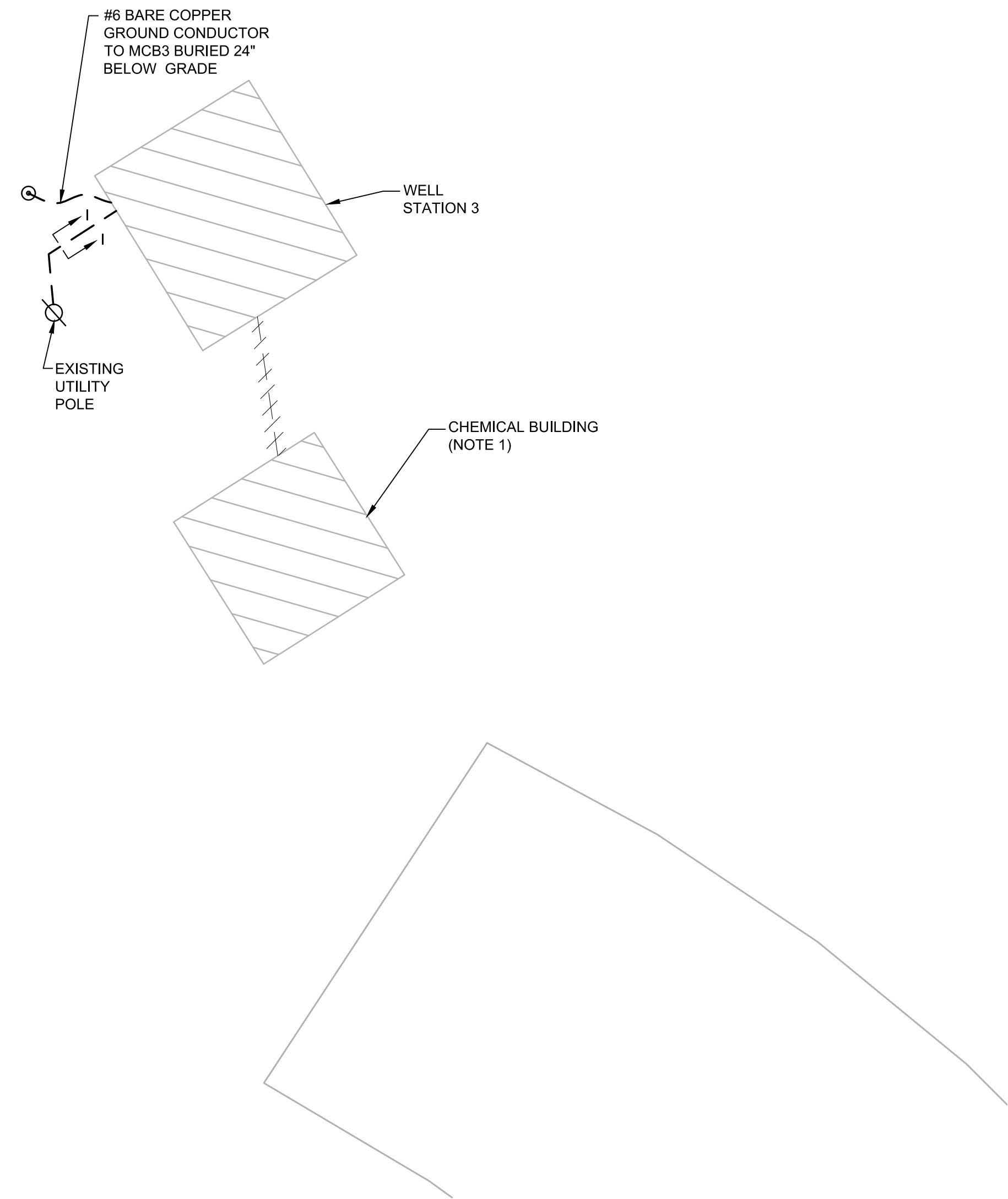


NOTES:

- DISCONNECT, MAKE SAFE, AND REMOVE ALL FEEDERS AND WIRING TO THE CHEMICAL BUILDING TO FACILITATE BUILDING DEMOLITION BY GENERAL CONTRACTOR



WELL #2 SITE PLAN
SCALE: 1"=10'-0"

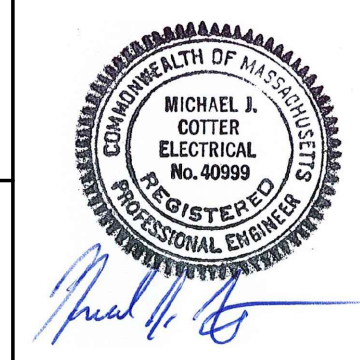


WELL #3 SITE PLAN
SCALE: 1"=10'-0"



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MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

Scale	1"=10'
Date	APRIL 2024
Job No.	245-2103
Designed by	MC
Drawn by	RLB
Checked by	MC
Approved by	MC

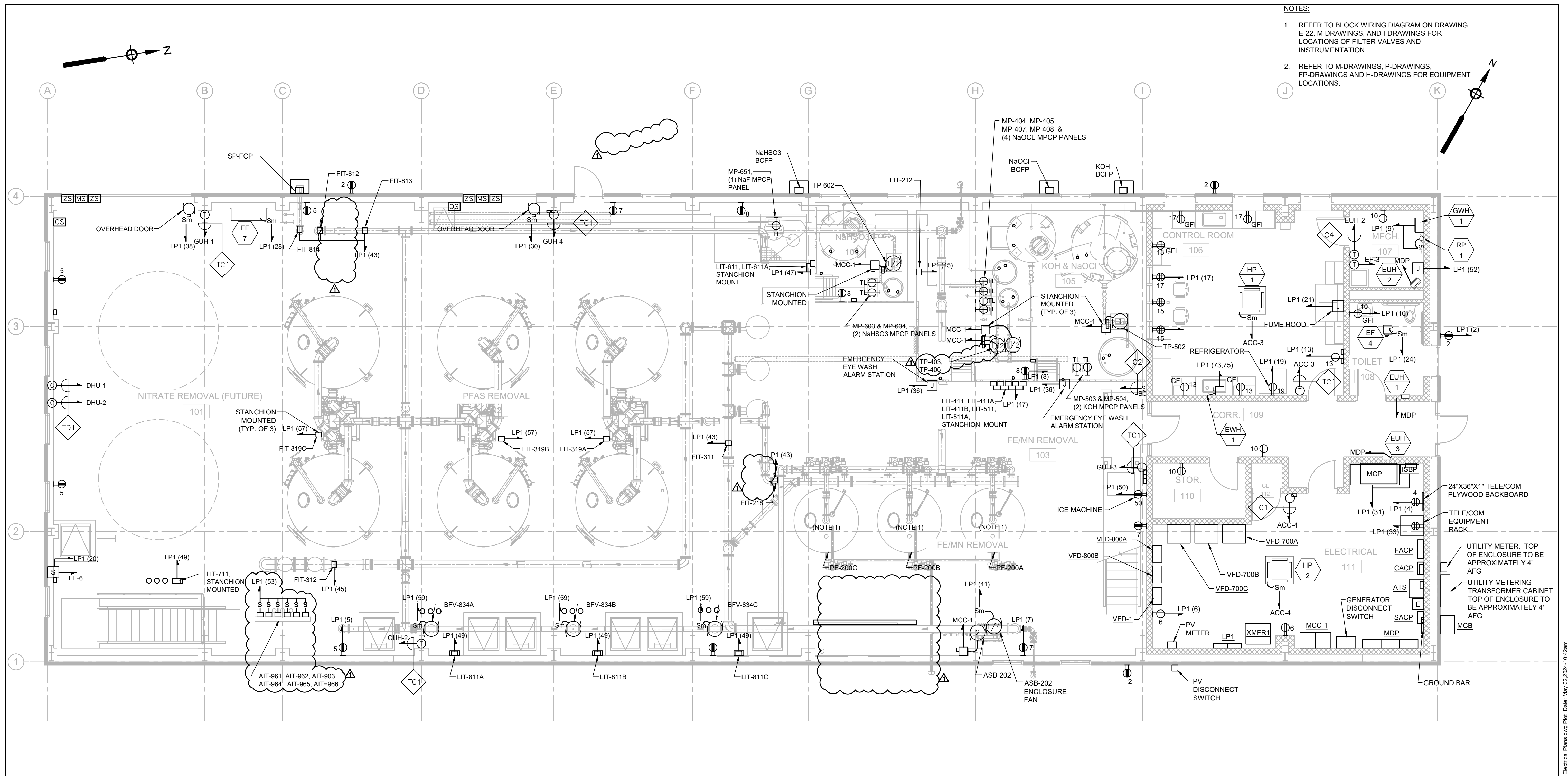
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA**

**ELECTRICAL
WELL STATIONS 2 AND 3 SITE PLANS**

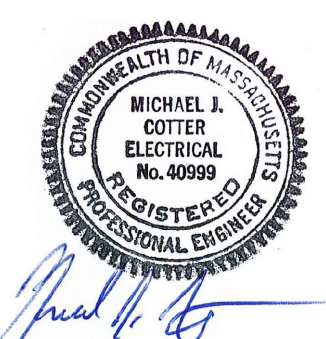
FOR CONSTRUCTION
Sheet No.

E-4



- NOTES:
- REFER TO BLOCK WIRING DIAGRAM ON DRAWING E-22, M-DRAWINGS, AND I-DRAWINGS FOR LOCATIONS OF FILTER VALVES AND INSTRUMENTATION.
 - REFER TO M-DRAWINGS, P-DRAWINGS, FP-DRAWINGS AND H-DRAWINGS FOR EQUIPMENT LOCATIONS.

FIRST FLOOR PLAN
SCALE: 3/16"=1'-0"



MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

Scale	AS SHOWN
Date	APRIL 2024
Job No.	245-2103
Designed by	MC
Drawn by	RLB
Checked by	MC
Approved by	MC

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

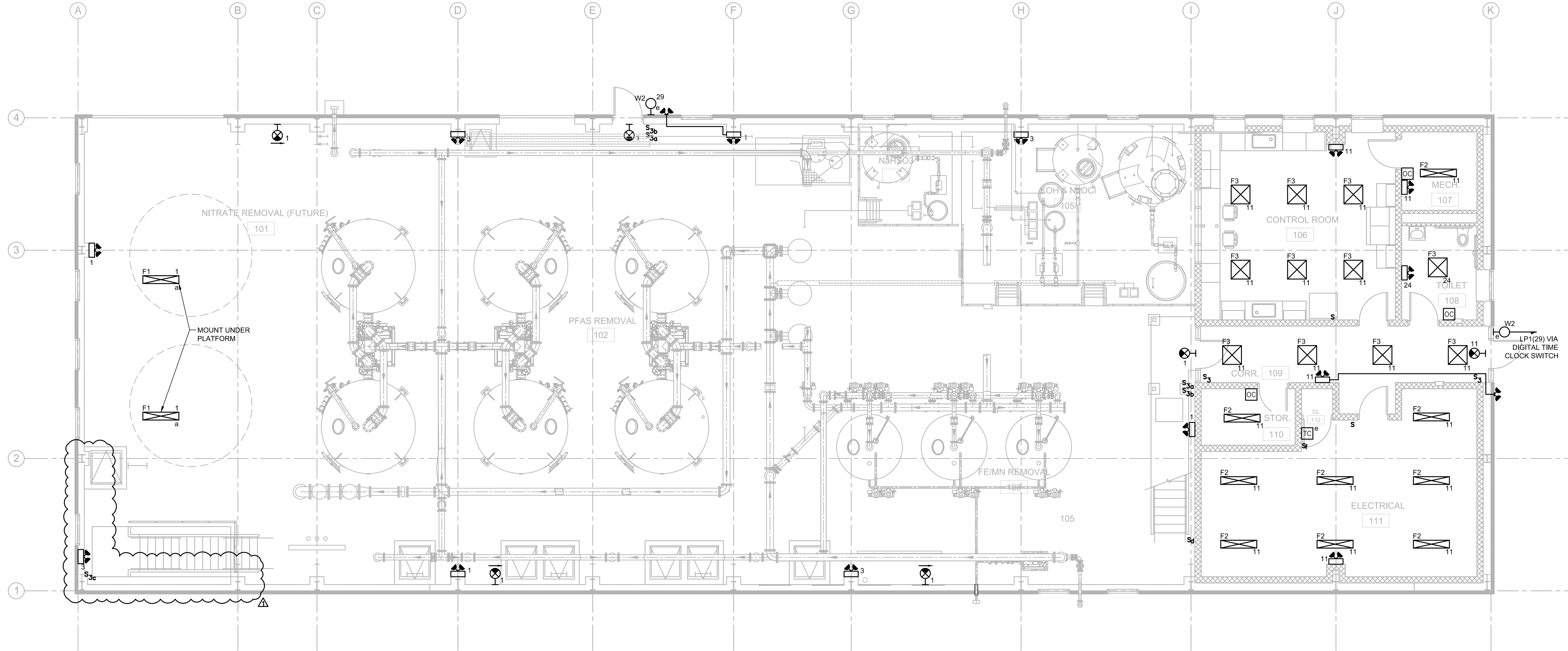
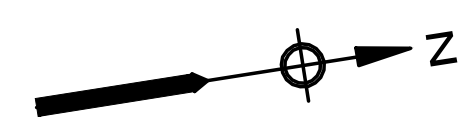
**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA**

**ELECTRICAL
FIRST FLOOR POWER PLAN**

FOR CONSTRUCTION
Sheet No.

E-10

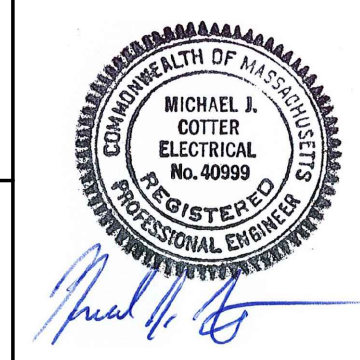
Drawing file: W:\Year - 2023\240606-00 - Sharon Water Treatment Plant\Electrical Department\240606-00 - Electrical Plans.dwg Plot Date: May 02, 2024 - 10:42am



FIRST FLOOR PLAN
SCALE: 3/16"=1'-0"



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MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

Scale	AS SHOWN
Date	APRIL 2024
Job No.	245-2103
Designed by	MC
Drawn by	RLB
Checked by	MC
Approved by	MC

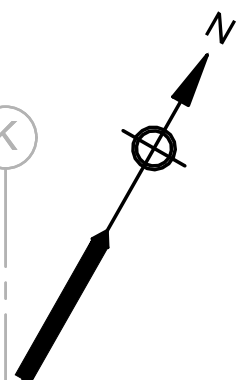
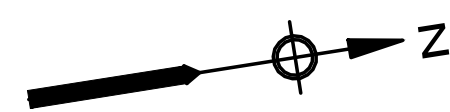
THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

ELECTRICAL
FIRST FLOOR LIGHTING PLAN

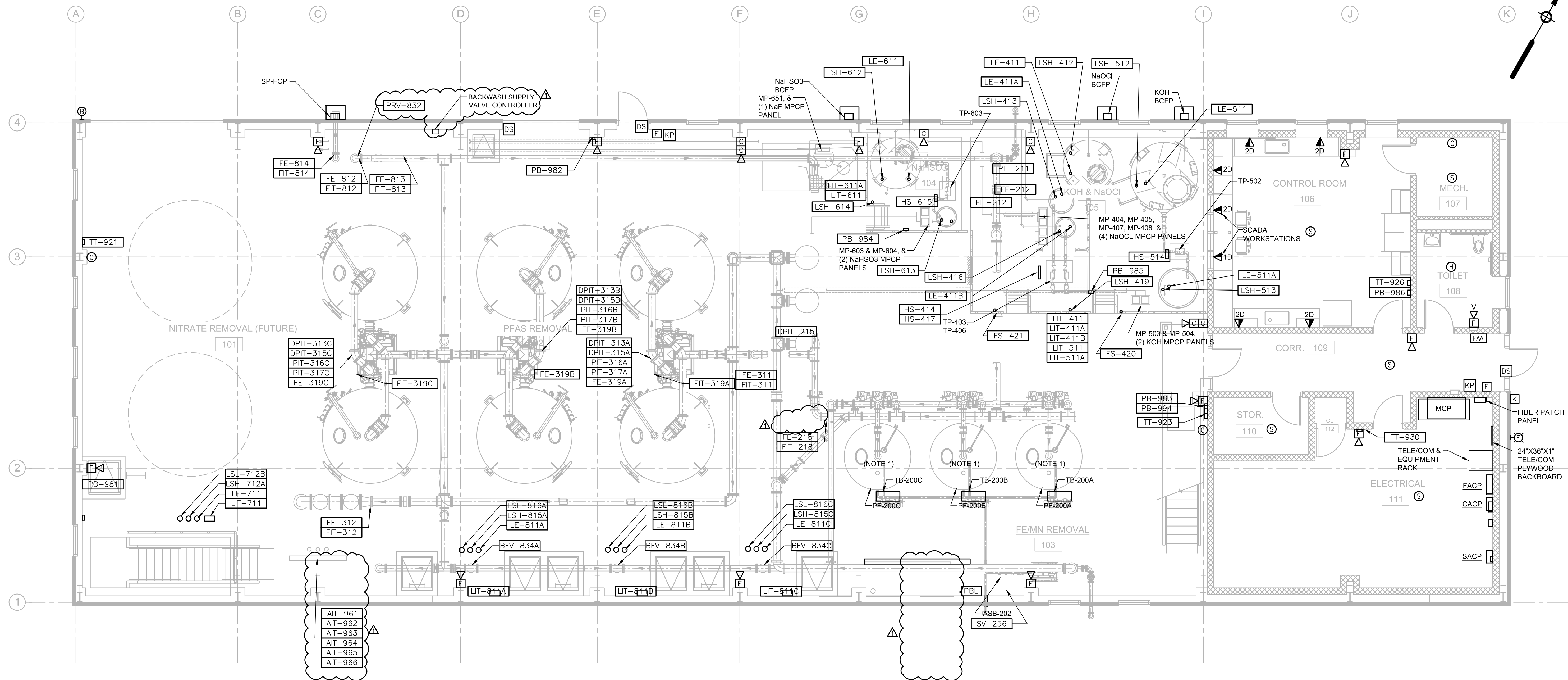
FOR CONSTRUCTION
Sheet No.

E-14



NOTES:

- 1. REFER TO M-DRAWINGS AND I-DRAWINGS FOR LOCATIONS OF FILTER VALVES AND INSTRUMENTATION



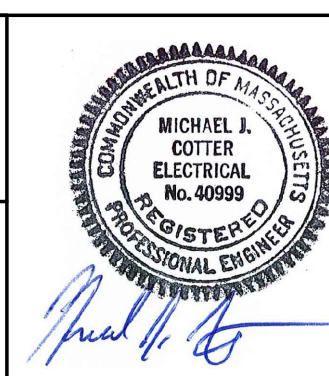
FIRST FLOOR PLAN

SCALE: 3/16"=1'-0"



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MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

Scale	AS SHOWN
Date	APRIL 2024
Job No.	245-2103
Designed by	MC
Drawn by	RLB
Checked by	MC
Approved by	MC

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

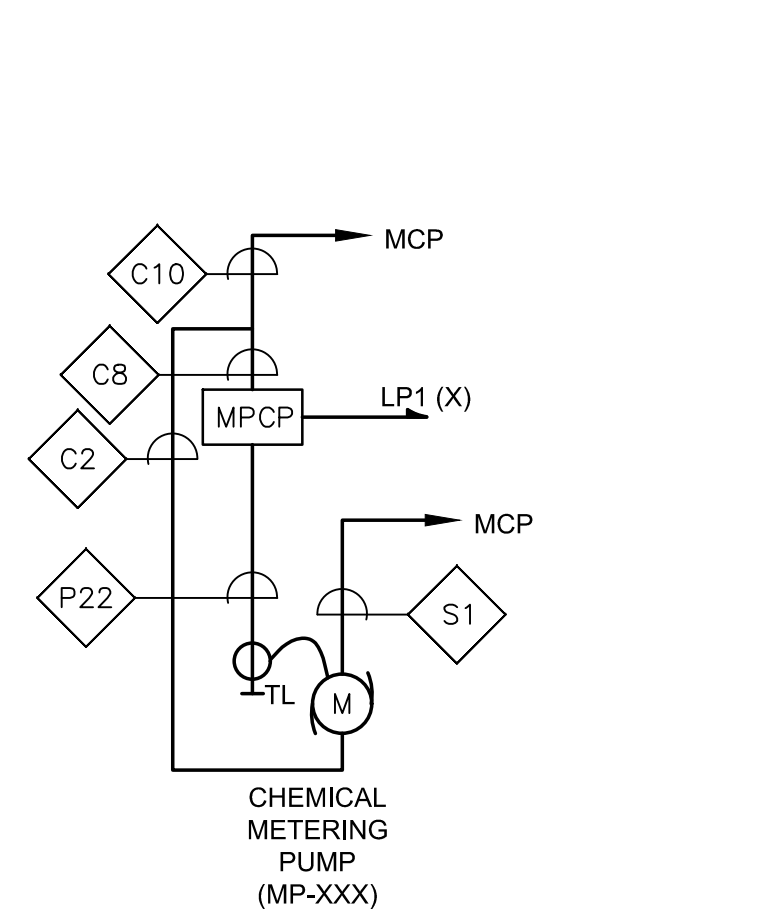
WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

ELECTRICAL
FIRST FLOOR LOW VOLTAGE PLAN

FOR CONSTRUCTION

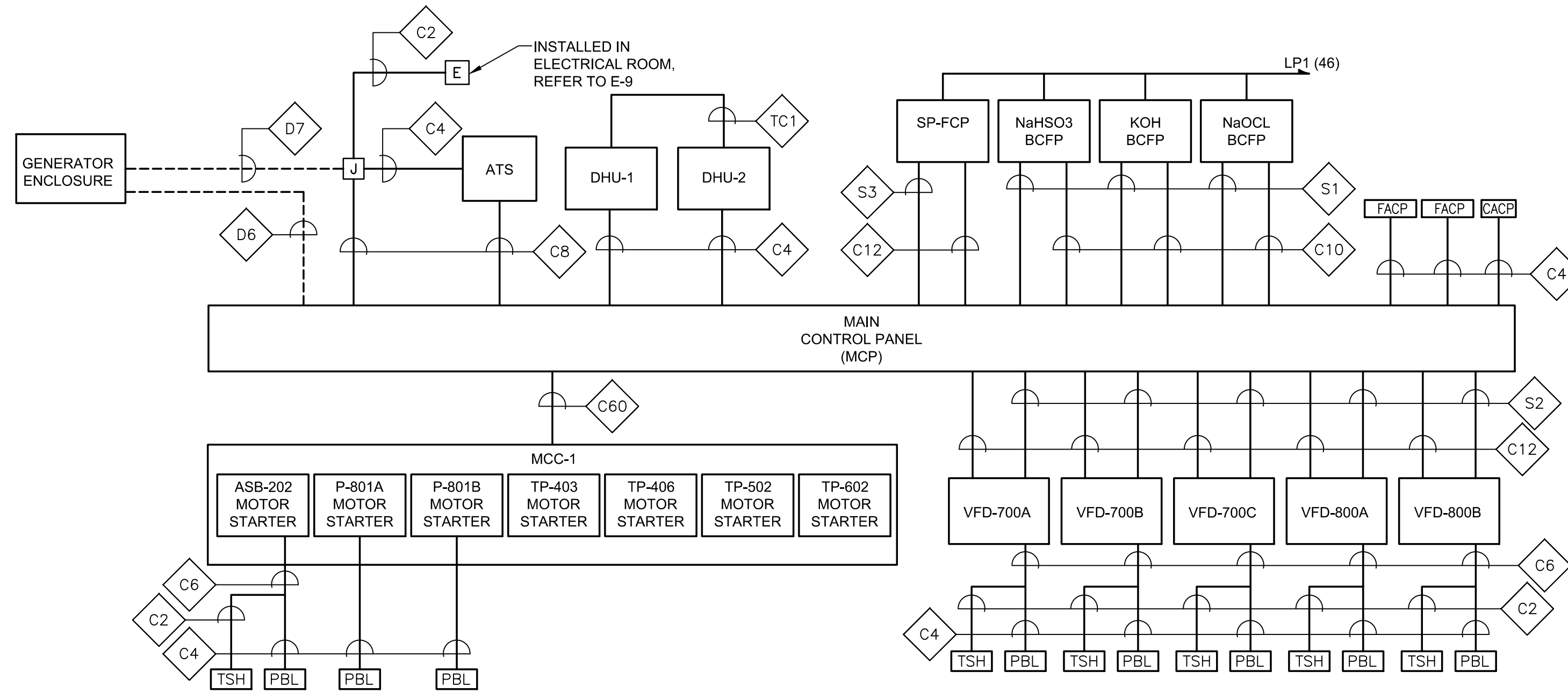
Sheet No.

E-17

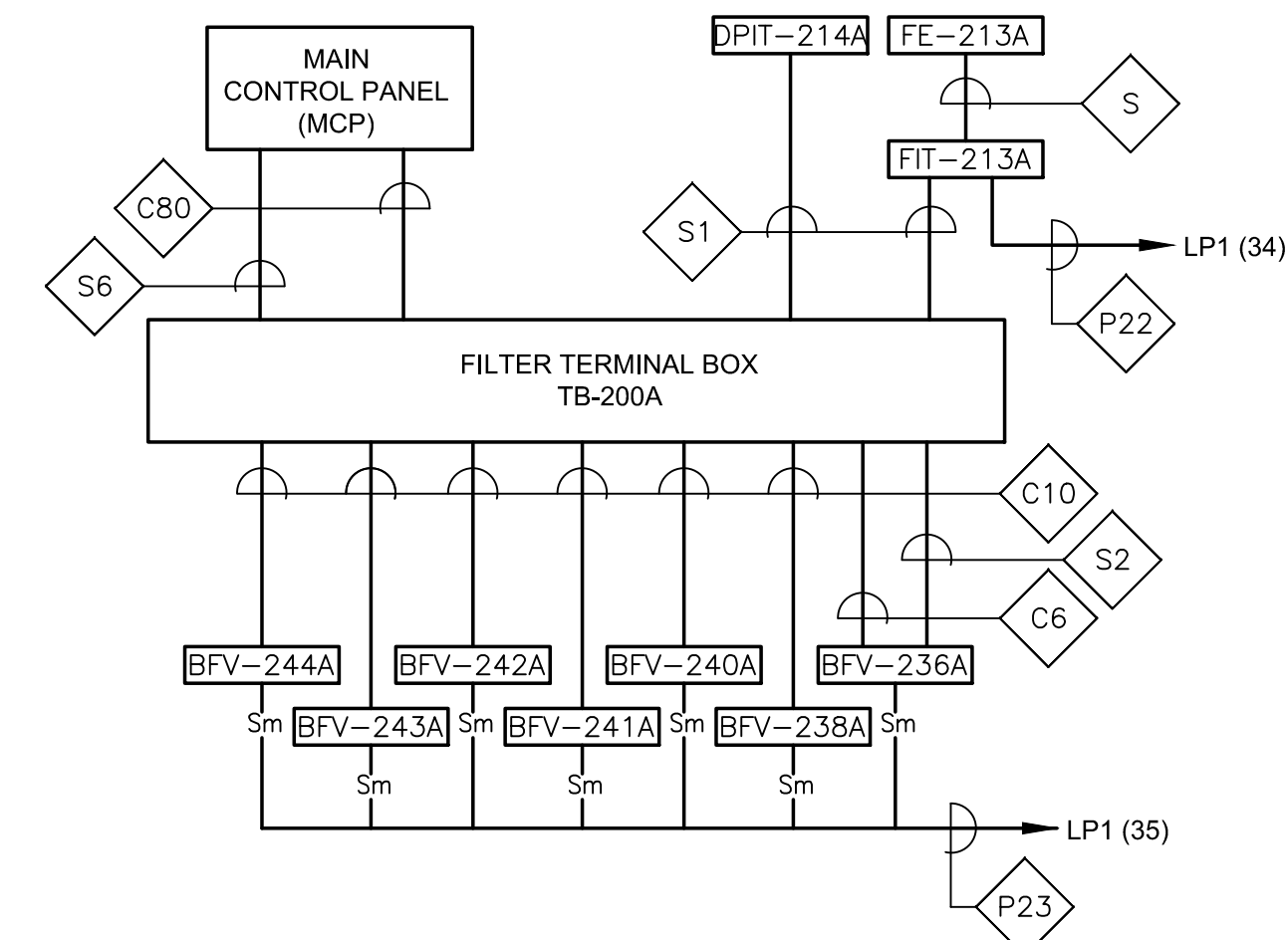


TYPICAL FOR: MP-404 - LP1(40), MP-405 - LP1(42), MP-407 - LP1(44), MP-408 - LP1(40), MP-503 - LP1(42), MP-504 - LP1(44), MP-603 - LP1(40), MP-604 - LP1(42), MP-651 - LP1(44)

**BLOCK WIRING DIAGRAM
CHEMICAL METERING PUMPS**
SCALE: N.T.S.



**MAIN CONTROL PANEL
BLOCK WIRING DIAGRAM**
SCALE: N.T.S.



PRESSURE FILTER PF-200A BLOCK DIAGRAM

SCALE: N.T.S.

(TYPICAL FOR FILTER CELL PF-200A, PF-200B, PF-200C)

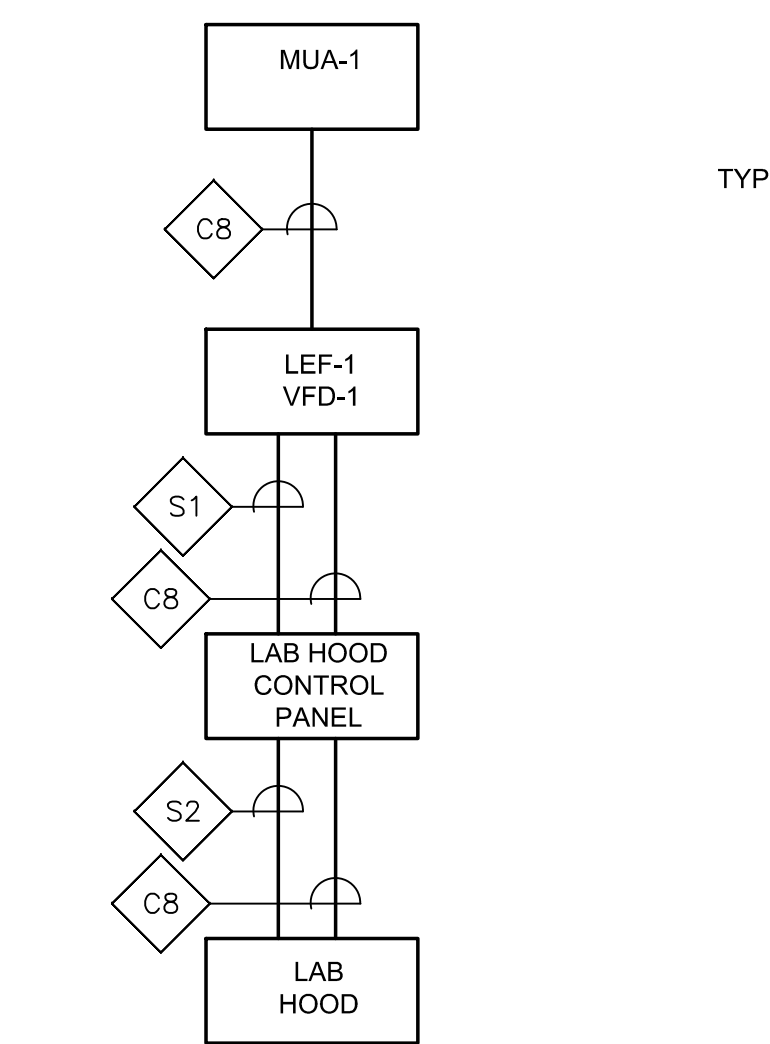
NOTES

1. FILTER TERMINAL BOX TB-200A IS TYPICAL FOR TB-200B, & TB-200C. TERMINAL BOXES TO BE NEMA 4X STAINLESS STEEL, 60"x30"x12" DP, WITH BACK PANEL AND TERMINAL BLOCKS FOR CONTROL WIRING TERMINATIONS. ALL HARDWARE TO BE STAINLESS STEEL.
2. REFER TO FILTER EQUIPMENT SCHEDULE FOR PRESSURE FILTER PF-200A, PF-200B, % PF-200C EQUIPMENT NAMES.

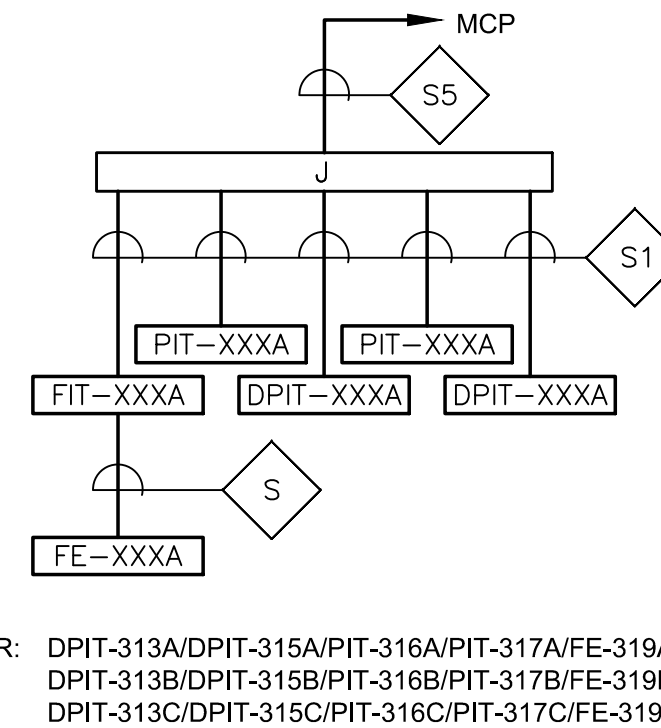
FILTER PF-200A									
EQUIP.	BFV-236A	BFV-238A	BFV-240A	BFV-241A	BFV-242A	BFV-243A	BFV-244A	FE/FIT-213A	DPIT-214A
CIRCUIT	LP1 (35)	LP1 (35)	LP1 (35)	LP1 (35)	LP1 (35)	LP1 (35)	LP1 (35)	LP1 (34)	-
FILTER PF-200B									
EQUIP.	BFV-236B	BFV-238B	BFV-240B	BFV-241B	BFV-242B	BFV-243B	BFV-244B	FE/FIT-213B	DPIT-214B
CIRCUIT	LP1 (37)	LP1 (37)	LP1 (37)	LP1 (37)	LP1 (37)	LP1 (37)	LP1 (37)	LP1 (34)	-
FILTER PF-200C									
EQUIP.	BFV-236C	BFV-238C	BFV-240C	BFV-241C	BFV-242C	BFV-243C	BFV-244C	FE/FIT-213C	DPIT-214C
CIRCUIT	LP1 (39)	LP1 (39)	LP1 (39)	LP1 (39)	LP1 (39)	LP1 (39)	LP1 (39)	LP1 (34)	-

FILTER EQUIPMENT SCHEDULE

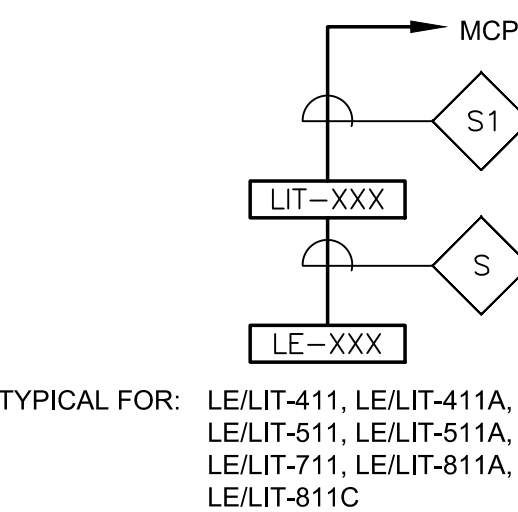
(FOR EXACT LOCATION OF EQUIPMENT - SEE M-DRAWINGS AND I-DRAWINGS)



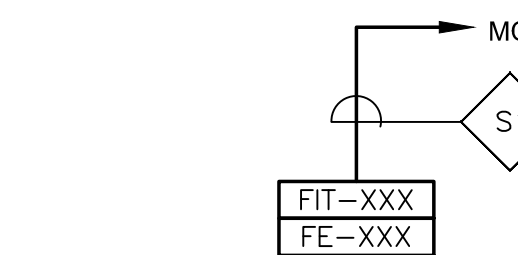
**CONTROL BLOCK WIRING DIAGRAM
FUME HOOD**
SCALE: N.T.S.



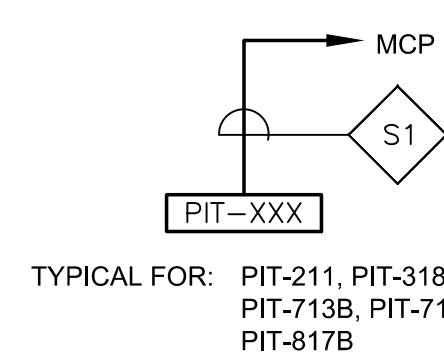
TYPICAL FOR: DPIT-313A/DPIT-315A/PIT-316A/PIT-317A/FE-319A/FIT-319A, DPIT-313B/DPIT-315B/PIT-316B/PIT-317B/FE-319B/FIT-319B, DPIT-313C/DPIT-315C/PIT-316C/PIT-317C/FE-319C/FIT-319C



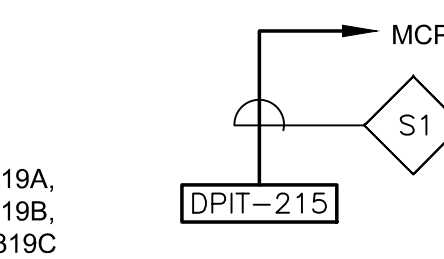
TYPICAL FOR: LE/LIT-411, LE/LIT-411A, LE/LIT-411B, LE/LIT-511, LE/LIT-511A, LE/LIT-511B, LE/LIT-711, LE/LIT-811A, LE/LIT-811B, LE/LIT-811C



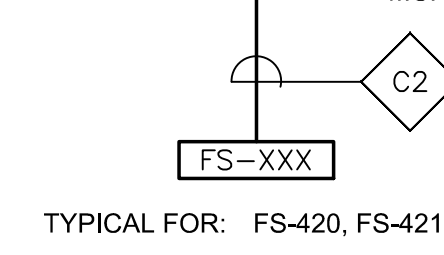
TYPICAL FOR: FE/FIT-212, FE/FIT-218, FE/FIT-311, FE/FIT-312, FE/FIT-714A, FE/FIT-714B, FE/FIT-714C, FE/FIT-812, FE/FIT-813, FE/FIT-814



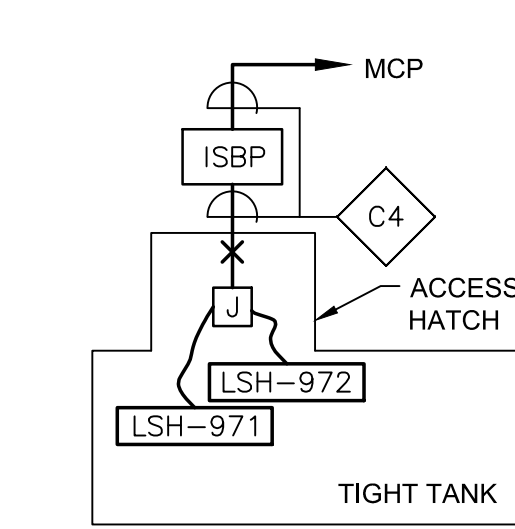
TYPICAL FOR: PIT-211, PIT-318, PIT-713A, PIT-713B, PIT-713C, PIT-817A, PIT-817B



TYPICAL FOR: DPIT-215

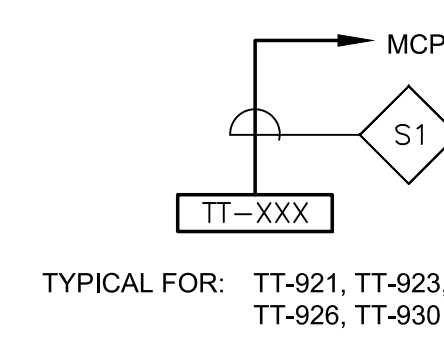


TYPICAL FOR: FS-420, FS-421

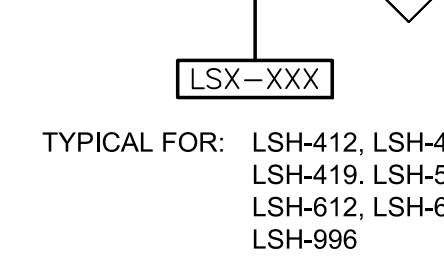


TYPICAL FOR: LSH-971, LSH-972, LSH-973, LSH-974, LSH-975, LSH-976, LSH-977, LSH-978, LSH-979, LSH-980, LSH-981, LSH-982, LSH-983, LSH-984, LSH-985, LSH-986, LSH-987, LSH-988, LSH-989, LSH-990, LSH-991, LSH-992, LSH-993, LSH-994, LSH-995, LSH-996, LSH-997, LSH-998, LSH-999, LSH-1000

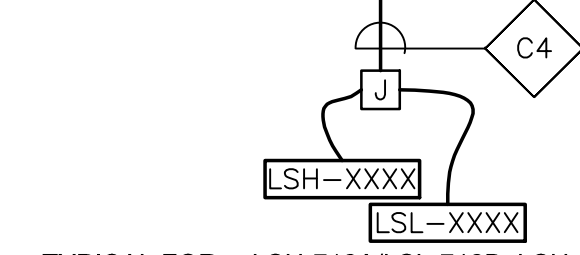
**INSTRUMENTATION
BLOCK WIRING DIAGRAM**
SCALE: N.T.S.



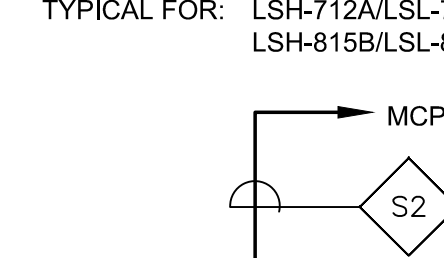
TYPICAL FOR: TT-921, TT-923, TT-926, TT-930



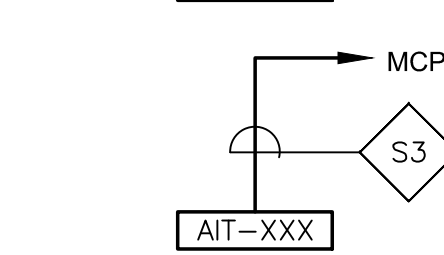
TYPICAL FOR: LSH-412, LSH-413, LSH-416, LSH-419, LSH-512, LSH-513, LSH-612, LSH-613, LSH-614, LSH-996



TYPICAL FOR: LSH-712A/SL-712B, LSH-815A/SL-816A, LSH-815B/SL-816B, LSH-815C/SL-816C

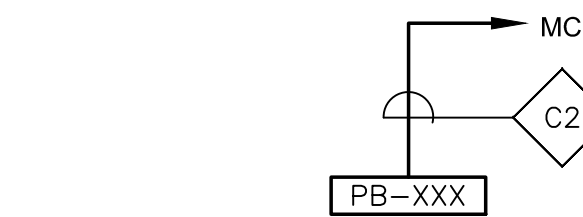


TYPICAL FOR: AIT-961



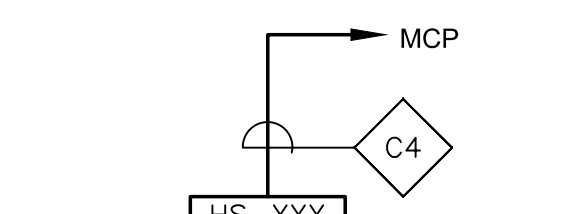
TYPICAL FOR: AIT-962, AIT-963, AIT-964, AIT-965, AIT-966

**CHEMICAL TRANSFER PUMP HAND SWITCHES
BLOCK WIRING DIAGRAM**
SCALE: N.T.S.

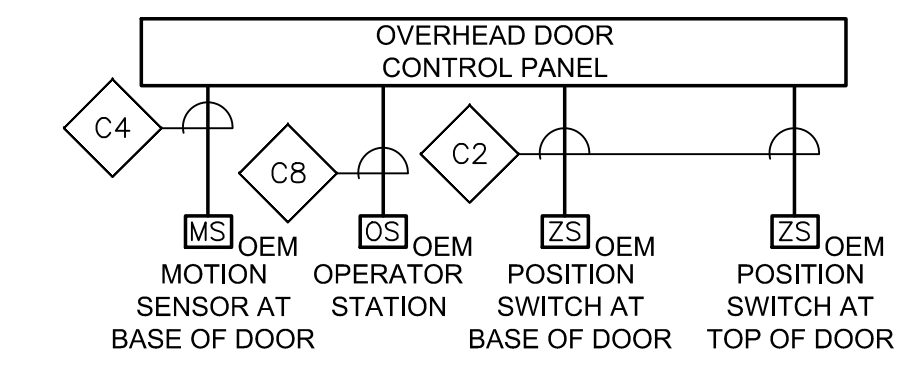


TYPICAL FOR: PB-981, PB-982, PB-983, PB-984, PB-985, PB-986, PB-991, PB-992, PB-994

**MAN-DOWN/E-STOP PUSHBUTTONS
BLOCK WIRING DIAGRAM**
SCALE: N.T.S.

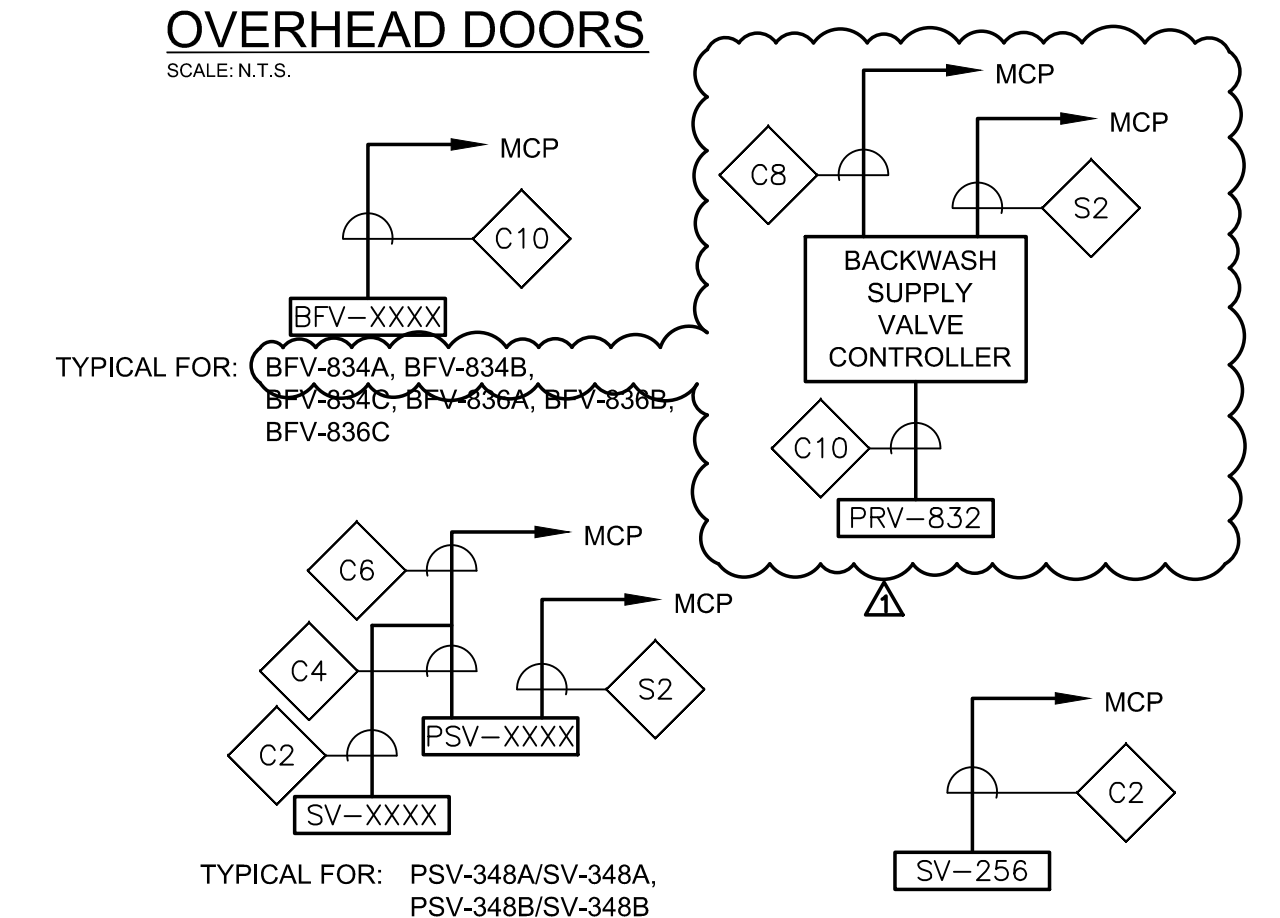


TYPICAL FOR: HS-414, HS-417, HS-514, HS-615



NOTES
1. COORDINATE WITH ELECTRIC DOOR OPERATOR AS SPECIFIED IN SECTION 08331.

**CONTROL BLOCK WIRING DIAGRAM
OVERHEAD DOORS**
SCALE: N.T.S.

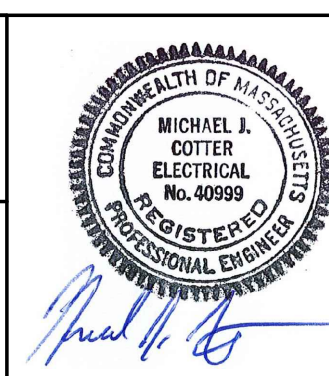


TYPICAL FOR: BFV-834A, BFV-834B, BFV-834C, BFV-836A, BFV-836B, BFV-836C

TYPICAL FOR: PSV-348A/SV-348A, PSV-348B/SV-348B

TYPICAL FOR: SV-256

VALVES BLOCK WIRING DIAGRAM
SCALE: N.T.S.



Scale	NONE	
Date	APRIL 2024	
Job No.	245-2103	
Designed by	MC	
Drawn by	RLB	
Checked by	MC	
Approved by	MC	
MARK	DATE	DESCRIPTION
1	5/2/24	ADDENDUM #1

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING

WELLS 2, 3, AND 4 WATER TREATMENT PLANT
TOWN OF SHARON, MA

ELECTRICAL
WTP BLOCK WIRING DIAGRAMS

FOR CONSTRUCTION

Sheet No.

E-22

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS
WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)
ADDENDUM NO. 1
ATTACHMENT 6
APPENDIX V – WELL STATION ELEVATIONS**

APPENDIX V – WELL STATION ELEVATIONS



Well Station 2 Exterior – Maximum height 20 feet above ground

APPENDIX V – WELL STATION ELEVATIONS



Well Station 3 Exterior – Maximum height 20 feet above ground

APPENDIX V – WELL STATION ELEVATIONS



Well Station 4 Exterior (Prior to Installation of Temporary PFAS Treatment) – Maximum height 20 feet above ground

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS**

**WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)**

ADDENDUM NO. 1

ATTACHMENT 7

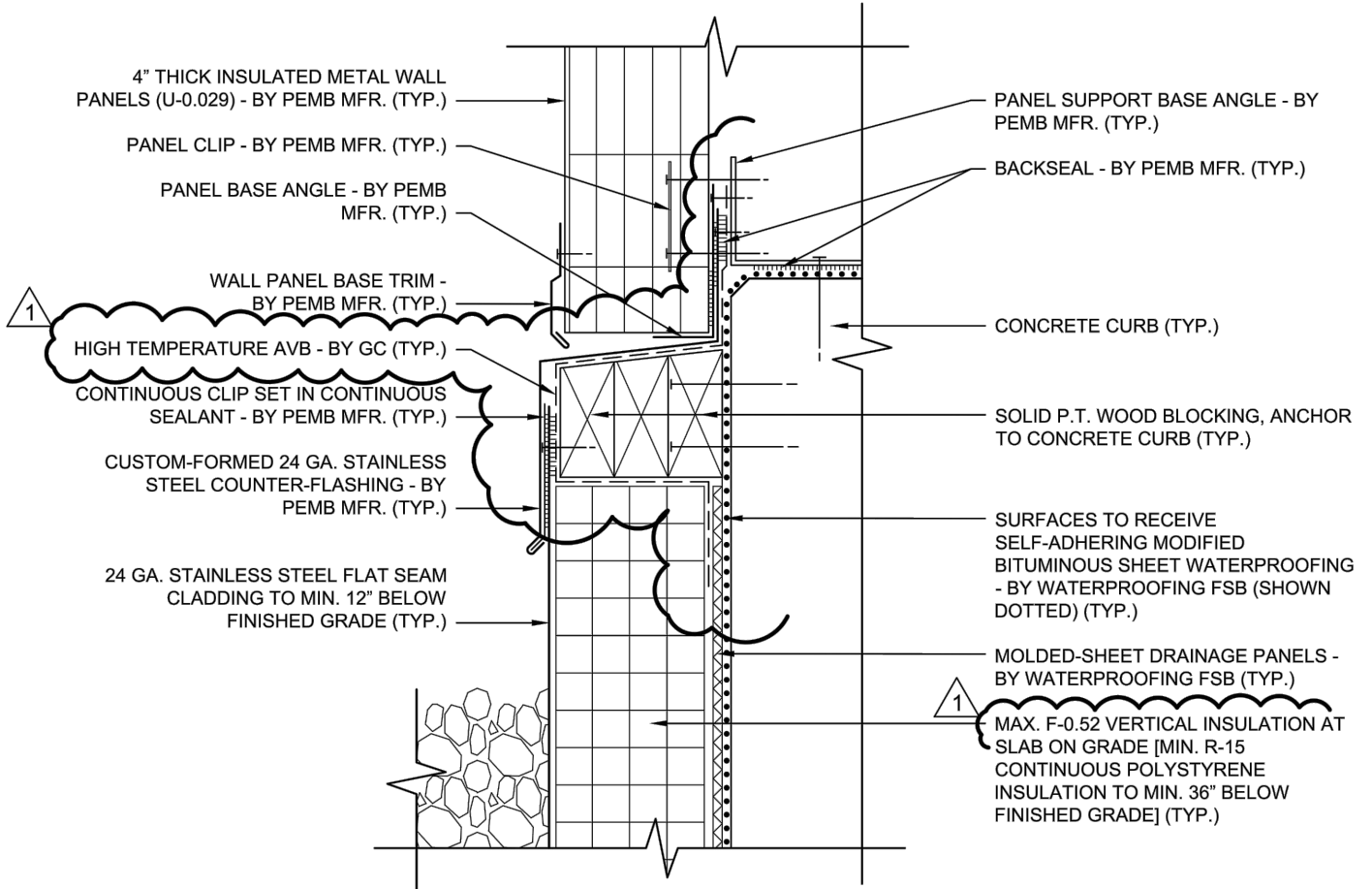
WELLS 2, 3, AND 4 WATER TREATMENT PLANT PREQUALIFIED LIST

Prequalified Contractors for the Town of Sharon Wells 2, 3, and 4 Water Treatment Plant

GENERAL CONTRACTORS	ELECTRICAL
Barletta Heavy Division	Amp Electrical
DOC	Annese Electrical Trade
R.H. White	Elm Electrical Inc.
WES Construction Corp.	Fall River Electrical Co Inc.
Walsh Construction Company II	JF White Contracting Company
Winston Builders Corp	Watermark Electric Co Inc
Waterline Industries	Waterline Industries
MASONRY	Wayne J Griffin Electric
Costa Bros Masonry	Richard T Losordo
Empire Masonry Corp.	LeVangie Electrical Co Inc.
Marmelo Bros	HVAC
PJ Spillane Company Inc.	Apex Corporation
Waterproofing Company LLC.	CAM HVAC & Construction
B&B Commercial Masonry Inc.	Enterprise Equipment Co Inc.
Fernandes Masonry	G&H Heating and Cooling Inc.
MISCELLANEOUS AND ORNAMENTAL IRON	General Mechanical Contractors
L&L Contracting Inc.	Thomas E. Snowden
Quinn Bros of Essex Inc.	Winston Builders Corp
United Steel	Waterline Industries
Winston Builders Corp.	PLUMBING
Waterline	Araujo Bros Plumbing and Heating
FIRE PROTECTION	Robert W. Irvine
Carlisle Engineering Inc.	Kneeland Plumbing
Davis Ulmer DBA Cogswell Sprinkler	Waterline
Johnson Control's Fire Protection LP	
Yankee Sprinkler	
Rustic Fire Protection, Inc	
METAL WINDOWS	
A&A Window Products	
Aluminum & Glass Concepts, Inc.	
Greenfield Glass Co.	
Kapiloffs Glass Inc	
Lizotte Glass	
JJ Cardosi	
PAINTING	
Bouchard Painting	
Dandis Contracting Inc.	
John W. Egan Co Inc.	
Keltic Painting LLC	
MG Painting Contractors LLC	
Soep Painting Corp	
WATERPROOFING/DAMP-PROOFING/CAULKING	
Beacon Waterproofing and Restoration Inc.	
Commercial Masonry Corp.	
Folan Waterproofing and Construction Co Inc.	
PJ Spillane Company Inc.	
The Waterproofing Company LLC	
B&B Masonry Corp	
Superior Caulking and Waterproofing Co Inc	

**SHARON DEPARTMENT OF PUBLIC WORKS
TOWN OF SHARON, MASSACHUSETTS
WELLS 2, 3, AND 4 WATER TREATMENT PLANT
CONTRACT NO. 2025-101 (DWSRF #12443)
ADDENDUM NO. 1
ATTACHMENT 8
REVISED ARCHITECTURAL DETAILS**

F:\PROJECTS\SHARON WATER TREATMENT PROJECT\DRAWINGS\A-PLAN_ELEV_SECT.DWG




WALL TRANSITION DETAIL

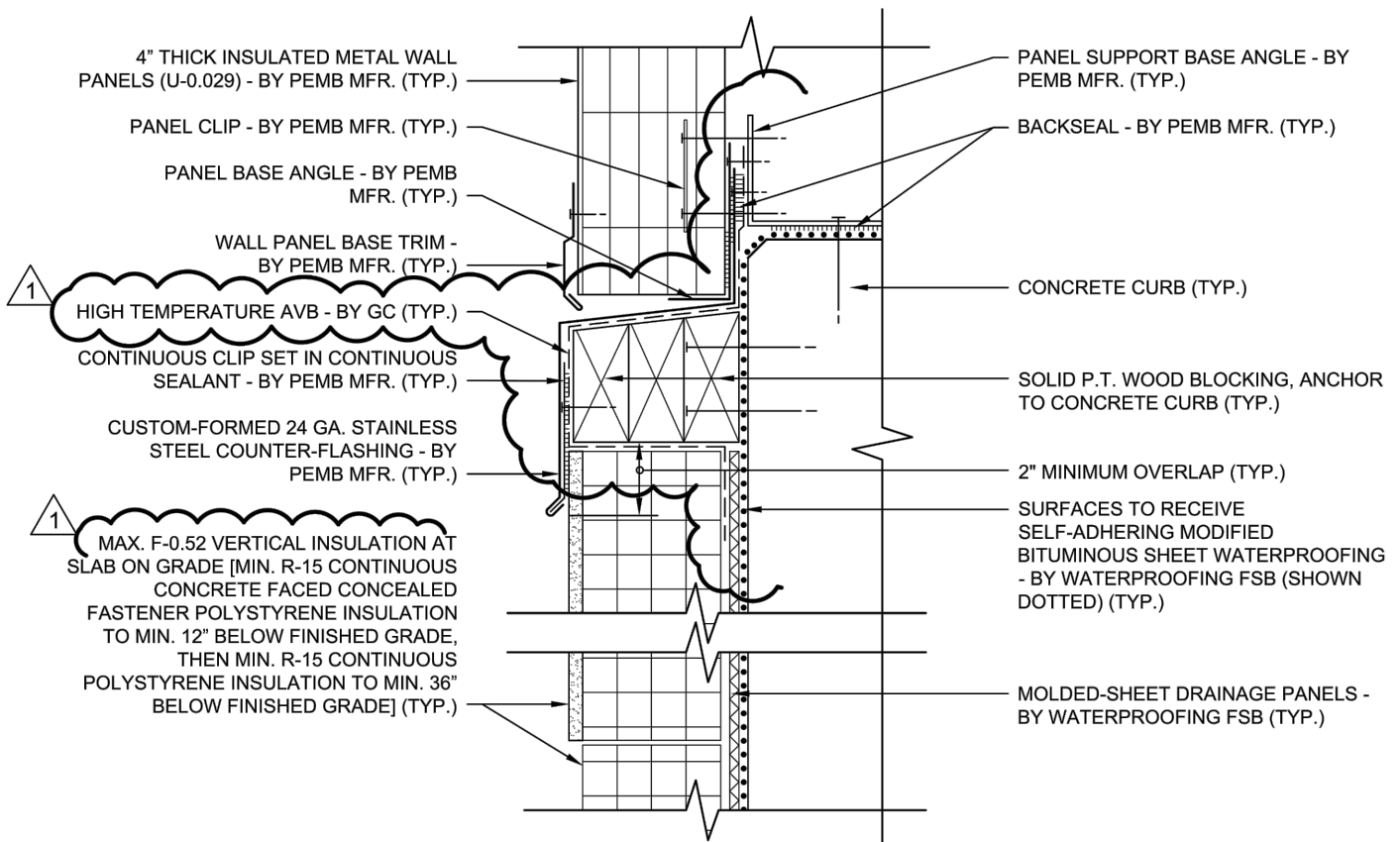
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5
A-16

REFERENCE SHEET A-16

 <p>ENVIRONMENTAL PARTNERS — An Apex Company —</p>	APRIL 2024	WELLS 2, 3, AND 4 WATER TREATMENT PLANT
	245-2103	ADDENDUM NO. 1
	SKA-1	REVISIONS TO WALL TRANSITION DETAIL 5/A-16

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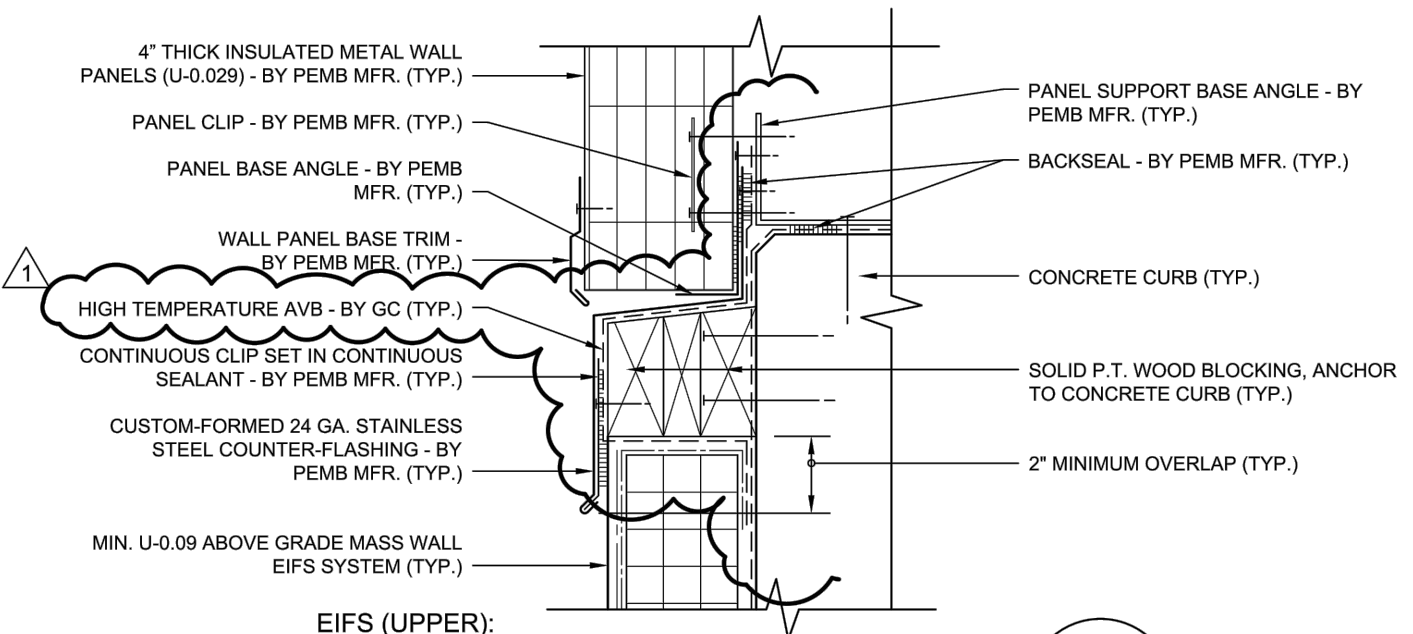
CONCRETE FACED INSULATION:
WALL TRANSITION DETAIL

SCALE: 3"=1'-0"

6
 A-16

REFERENCE SHEET A-17

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EIFS (UPPER):
WALL TRANSITION DETAIL

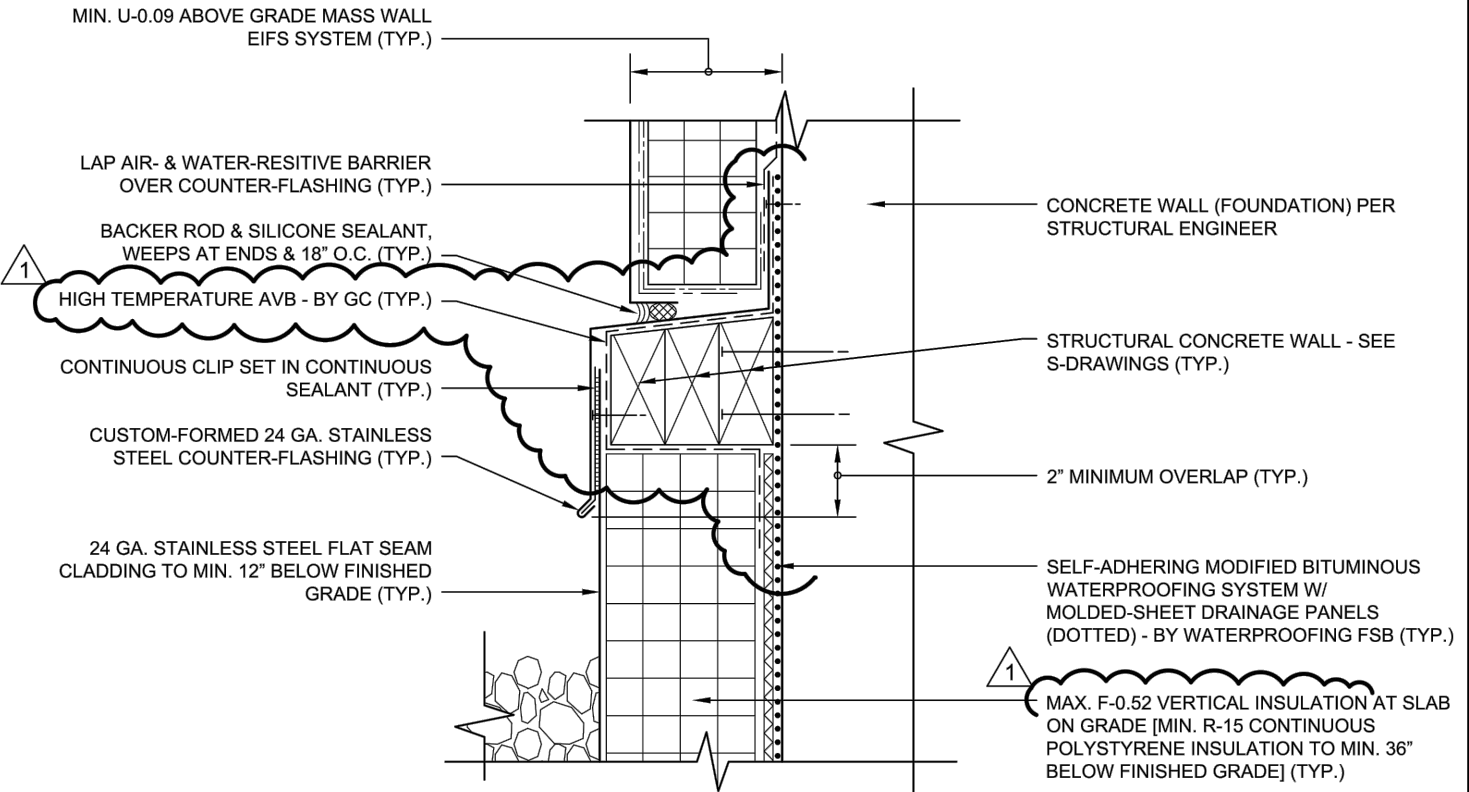
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7
 A-6 / A-7

REFERENCE SHEET A-17

	APRIL 2024	WELLS 2, 3, AND 4 WATER TREATMENT PLANT
	245-2103	ADDENDUM NO.1
	SKA-3	REVISIONS TO WALL TRANSITION DETAIL 7/A-17

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EIFS (LOWER):


WALL TRANSITION DETAIL

SCALE: 3"=1'-0"

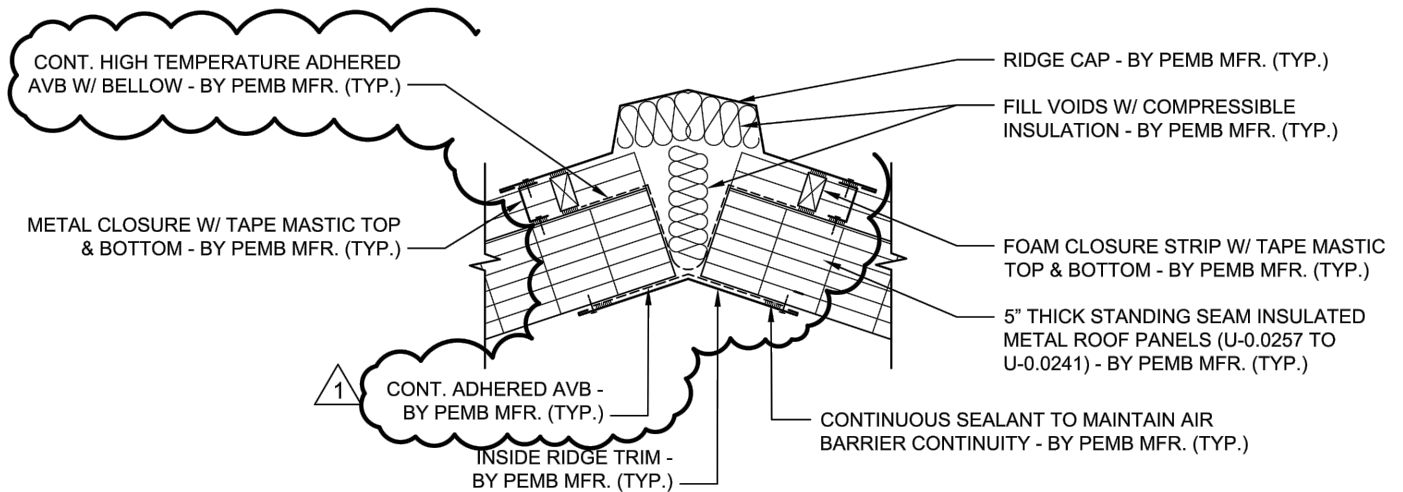
8

A-6 / A-7

REFERENCE SHEET A-17

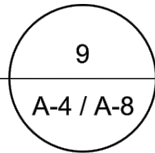
 <p>ENVIRONMENTAL PARTNERS — An Apex Company —</p>	APRIL 2024	WELLS 2, 3, AND 4 WATER TREATMENT PLANT
	245-2103	ADDENDUM NO.1
	SKA-4	REVISIONS TO WALL TRANSITION DETAIL 8/A-17

F:\PROJECTS\SHARON WATER TREATMENT PROJECT\DRAWINGS\A-PLAN_ELEV_SECT.DWG



TYPICAL RIDGE DETAIL

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



REFERENCE SHEET A-17

	APRIL 2024	WELLS 2, 3, AND 4 WATER TREATMENT PLANT
	245-2103	ADDENDUM NO.1
	SKA-5	REVISIONS TO WALL TRANSITION DETAIL 9/A-17