April 21, 2025

ADDENDUM NO. 4

ATTLEBORO WATER DEPARTMENT

DOCUMENTS AND SPECIFICATIONS
FOR THE CONSTRUCTION OF THE

WADING RIVER WATER TREATMENT PLANT

CONTRACT NO. 10

DWSRF NO. 16764

TATA & HOWARD, INC.
CONSULTING ENGINEERS
67 FOREST STREET
MARLBOROUGH, MASSACHUSETTS

GENERAL BIDS DUE: MAY 1, 2025, 10:00 AM (REVISED DATE)

The following additions and/or alterations to the plans and specifications, for the above referenced contract, are to be incorporated into all bids for the proposed work.

Inclusion of this addendum must be acknowledged on Page 00300-1 of the specification section entitled "FORM FOR GENERAL BID." Failure to acknowledge any and all addenda in the above specified specification section may be cause for rejection of the bid by the OWNER on the grounds that it is not responsive to the "INSTRUCTIONS TO BIDDERS."

GENERAL STATEMENT

- The deadline to submit General Bids has been extended to Thursday, May 1st, 2025, at 10:00 AM.
- Filed Sub Bids for Miscellaneous and Ornamental Iron are restricted. Bidders unable to use this filed sub-bid are directed to include this subtrade work in their general bid prices. The general contractor shall cause the work covered by such sub-trade to be done by a qualified and responsible sub-contractor, subject to the written approval of the awarding authority. If the awarding authority determines that any sub-contractor chosen by the general contractor under this section is not qualified or responsible, the general contractor shall obtain another sub-contractor who is satisfactory to the awarding authority with no adjustment in the general contractor's price per MGL C149 S44F (4)(a)(1).

FILED SUB BID RESULTS

1. The filed sub-bid results for the following fourteen (14) trades are attached hereto:
    - Masonry
    - Miscellaneous and Ornamental Iron
    - Waterproofing, Dampproofing, and Caulking
    - Roofing and Flashing
    - Metal Windows
    - Glass and Glazing
    - Tile
    - Acoustical Tile
    - Resilient Floors
    - Painting
    - Fire Protection Sprinkler Systems
    - Plumbing
    - Heating, Ventilation, and Air Conditioning
    - Electrical

QUESTIONS

Q1. Section 13100, Paragraph 1.01.C states that the Contractor must contract with Woodard & Curran for this portion of work. To maintain a fair bidding process and ensure that all bidding contractors receive equal pricing, please add an allowance for this portion of work.

A1. The contractor shall coordinate the required scope and cost with Woodard & Curran directly per the specifications.

Q2. Drawing 20-S-1 Footing Schedule calls for the footing to be cast integral with the slab. Drawing 20-S-11 Detail 7 shows the footing below the slab. Please clarify.

A2. Footing schedule is incorrect. Reference changes to Drawing 20-S-1, Structural Foundation Plan, Footing Schedule, this addendum.

Q3. Reference Specification Section 11209 - PFAS Removal Treatment System, paragraph 2.05.A.8.a, will four 8x35 steel I-beams, more robust angle steel, be considered acceptable for the vessel supports?

A3. Yes. The revised vessel supports shall be acceptable provided the supports fit within the designed layout and do not interfere with any ancillary equipment, floor hatches, piping, etc. Any additional requirements related to the revised vessel supports including, but not limited to, additional steel, mounting requirements, structural modifications, etc. shall be at no additional cost to the Owner.

Q4. 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?

A4. Reference Specification Section 00800 – Supplementary Conditions, Paragraph SC-6.05, the General Contractor shall provide the Builder's Risk Insurance, and Subcontractors shall be insured under such policy as insureds or named insureds. Refer to the Supplementary Conditions Paragraph SC-6.02 information on insurance policies required. In accordance with Paragraph SC-6.05C, the General Contractor as the purchaser of any required builder's risk or property insurance shall pay for costs not covered because of the application of a policy deductible.

Q5. The supplementary conditions required flood coverage as part of the builder's risk policy. The project is 60' from a high hazard flood zone so the maximum insurable flood limit is $15,000,000. Providing flood coverage up the $15,000,000 limit will result in an additional premium cost of approximately $200,000. Please consider having the owner provide this coverage or capping the flood limit at $2,000,000.

A5. The flood coverage will be capped at $2,000,000. Reference changes to Specification Section 00800 – Supplementary Conditions, Paragraph SC-6.05A.2, this addendum.

Q6: What is the proposed thickness of topsoil? Typical detail for the brine waste holding tank shows 10" of loam and seed however the specifications state 4" of topsoil.

A6: Proposed thickness of topsoil shall be 4-inches. Reference changes to Sheet 99-C-6, Brine Waste Holding Underground FRP Tank Details, this addendum.

Q7. Please confirm the complete scope of work at the existing East Basin and West Basin Well Pumps. Per Specification Section 11216, it appears that both well

pumps are to be removed and replaced. However, the work does not appear to be identified on the drawings with the exception of the new electrical feeds.

A7: Both the East Basin and West Basin Wells shall receive new well pumps, motors, and riser pipes per Specification Section 11216 – Submersible Well Pumps. Reference changes to Sheet 02-C-6, Site Utilities Plan and Sheet 99-C-2, Stormwater and Environmental Controls Details Sheet 1, this addendum.

Q8: Please confirm if there is a schedule constraint in the removal and replacement of the East and West Basin Well Pumps (as it relates to keeping the existing WTP active) especially considering that new power and controls are fed from the new WTP.

A8: Yes, there is a scheduling constraint in the removal and replacement of the East and West Basin Well Pumps. Reference changes to Specification Section 01100 – Special Project Procedures, 3.01.E.2, this addendum.

Q9: Please confirm if there is a schedule constraint in the relocation and reuse of the (2) existing PFAS vessels to the new WTP (as it relates to keeping the existing WTP active). Is the intent to start-up, test, and gain approval to discharge finish water to distribution with the (4) new vessels and relocate the existing ones after Substantial Completion, or can they be relocated at the same time as the new ones are being set, in conjunction with building construction?

A9: There is a schedule constraint in the relocation and reuse of the (2) existing PFAS vessels to the new WTP.

Q10: Please confirm if new media is required in the (2) existing PFAS vessels to be relocated to the new WTP. If so, please confirm if the GC is responsible for disposal of the existing media.

A10: GC is responsible for removal and disposal of the media in the two (2) existing PFAS vessels prior to moving the vessels to the new WTP. New media shall then be installed in all vessels once in place at the new WTP. Reference changes to Specification Section 11209 – PFAS Removal Treatment System, this addendum.

Q11: Refer to Specification 02150 Section 3.01.W. ”A PE wall anchor system encased in concrete shall be used to provide adequate anchoring against Poisson Forces (NEED TO SPEC A RESISTANCE FORCE TO BE USED FOR SIZING THE ANCHOR SYSTEM)”. Drawing 99-C-1 show this as “3’x3’x1’ or as required by pipe manufacturer”. Please confirm the size on the drawing meets the specifications.

A11: Reference changes to Specification Section 02150 – Directional Drilling, this addendum.

Q12: Please provide the elevation of the bottom of the River in the vicinity of the directional drilling as the drawing shows drilling to be 10 feet below this elevation

A12: The elevation at the bottom of the River in the vicinity of the directional drilling is approximately 124-feet.

Q13: Specification Section 02050, Paragraph 1.01.A.1. calls for Demo of "Chlorine contact tank in its entirety including concrete foundation." Drawing 02-C-3 calls for Existing Concrete Pad to remain in place. Please advise.

A13: The existing concrete pad shall remain in place. Reference changes to Specification Section 02050 – Selective Demolition, 1.01.A.1, this addendum

Q14: Specification Section 02050, Paragraph 1.01.D states, "All items which are removed shall remain the property of the owner". Specification Section 01100 Paragraph 3.05.A requires all removals to be disposed of by the Contractor at its expense unless otherwise determined in the field with the Owner and Engineer. Section 01100, Paragraph 3.05.C lists items that shall remain on the property. Please clarify what items shall be disposed, what items shall be salvaged and what items shall remain on the property for bidding purposes. Also, please clarify location of items to be salvaged.

A14: Clarification of items to be salvaged are included in the referenced changes to Specification Section 01100 – Special Project Procedures and Specification Section 02050 – Selective Demolition, this addendum.

Q15: Section 5 on Drawing 20-S-8 shows a section through the access sidewalk along the south and east side of the building. The section shows a footing and frost wall at the outside of the sidewalk. Drawing 20-S-2 appears to show a footing and frost wall along the building as well as along the outside of the sidewalk. Please clarify where the footing and frost walls are required.

A15: Section 5/20-S-8 is correct. There is no additional wall and footing adjacent to the exterior wall required

Q16: Section 01650, Paragraph 1.03.B.1 states that the Owner is responsible to furnish all chemicals used in the treatment process. Paragraph 1.03.B.2 states that the contractor is to reimburse the owner for the chemicals utilized based on unit price for each chemical paid by the owner. Who is responsible for the cost of chemicals utilized during startup? If it is the Contractor, please provide unit cost of the Owner's supplier.

A16: Contractor is fully responsible for scheduling and coordination of the delivery of chemicals associated with startup until Substantial Completion. The Owner shall be responsible for the cost of all chemicals associated with startup. Reference changes to Specification Section 01650 – Facility Startup, 1.03.B, this addendum.

Q17: Can you please clarify the Slab zone types on 20-S-2a. There are three black conditions. Since the plans are black and white, they all look the same.

A17: Sheet 20-S-2a became corrupt while compiling the complete contract drawing PDF document. A revised Sheet 20-S-2a is attached to this addendum with the correct shading.

Q18: Specification Section 01410, Paragraph 3.01.A states that the contractor shall pay for all testing services required by the contract documents. Section 03300 Paragraph 1.04 states that all testing and inspection will be conducted by parties employed by the Owner. Who is responsible for and pays for concrete testing?

A18: Specification Section 03300, Paragraph 1.04 is correct. Reference changes to Specification Section 01410 – Testing Laboratory Services, Paragraph 3.01, this addendum.

Q19: Please confirm that soils compaction testing is provided and paid for be the General Contractor per Specification Section 02200.

A19: All soils compaction testing is provided and paid for by the Owner, but Contractor will need to coordinate with the Owner on when compaction testing is needed at the site. Reference changes to Specification Section 02200 – Earthwork, this addendum.

Q20: Will the contractor be charged for construction water usage?

A20: Contractor shall provide a water use plan at the start of construction with estimated water usage and volumes, and provided the contractor maintains a responsible usage of water consistent with their plan, the Owner will waive the cost of the water.

Q21: Regarding the Control Room Console specified in Section 12625, Paragraph 2.02.J and shown on 20-A-15, the named manufacturer says information and requirements for the referenced Response model are obsolete and are requesting a proposed equipment list, so they are able to provide the correct design and configuration. Is an equipment list available that provides the following:

- The make and models of the CPU's at each position or physical dimensions that will be stored locally in the console.
- Number of models and their sizes at each position.
- Number of keyboards at each position.
- Any miscellaneous equipment at each position, i.e., speakers, microphones, phones.

A21: Control Room Console shall be StrategySX Sit to Stand Console as provided by Evans Console. The previously specified console is obsolete. Reference changes to Specification Section 12625 – Office/Lab Furniture, this addendum.

Q22: Can the number of allowable chloride samples be increased from 14 to 28? The basis for this request, in the event a sample is taken immediately after regeneration there will likely be a transient increase in chloride concentrations. A single sample could then result in an average concentration which will not be representative of the actual performance conditions

A22: Chloride sampling has been updated. Reference changes to Specification Section 11610, Paragraph 1.06.3.c (Chloride), this addendum.

Q23: Please confirm the electrical sub bidder is responsible for excavation, back fill and concrete and its placement for the ductbanks and utility structures.

A23: Excavation, backfill, and concrete placement shall be completed by the Electrical Contractor per the contract drawings and specifications.

Q24: Drawing 02-C-5 Site improvement does not show any shaded areas that are to be paved according to the legend on 02-C-1. Please provide a revised Site improvement drawing showing the shaded area's to be paved.

A24: Reference Drawing 02-C-5, Addendum No. 1, bottom left corner near unlined lagoon, Note "Paved Parking Area - See Detail Sheet 99-C-4". Area to be paved as part of this Contract is bounded around the proposed building by the edge of pavement/asphaltic concrete berm, as well as the entire access road, again bounded by edge of pavement/asphaltic concrete berm, all the way out to Balcom Street. Shading on legend shall be deleted via addendum.

SPECIFICATIONS

1. Reference Specification Section 00800 – Supplementary Conditions, Page 00800-18, Paragraph SC-6.05A:

   Insert the following at the end of paragraph SC-6.05A.2:

   "The coverage amount for flood incidents under the Builder's Risk insurance shall be limited to $2,000,000."

2. Reference Specification Section 01100 – Special Project Procedures

   Page 01100-2, delete Paragraph 3.01.E.2 and replace with the following:

   "2. Following Owner and Engineer approval, each well pump and motor shall be changed individually so that one well may always remain operational. During months of lower demands (October through April) the existing PFAS removal treatment vessels from the existing emergency PFAS treatment facility shall be decommissioned, all media removed of and properly disposed of by the Contractor and then the vessels moved to the new WTP. Upgrades to the wells

and relocation of the PFAS vessels shall minimize downtime of the existing facility while allowing the Owner to meet system demands if needed. Additional coordination related to schedules shall be required during construction."

Page 01100-4, delete Paragraph 3.05 and replace with the following:

"3.05 EXISTING TREATMENT PLANT AND EQUIPMENT DEMOLITION

A. All equipment removed from the interior of the existing Wading River pump station, emergency PFAS removal facility, chemical feed facility, and chlorine contact tank as part of this contract shall be disposed of by the Contractor at its expense. Items to remain property of the Owner are listed below:
1. Self-Cleaning Filters
2. Booster Pump Skid
3. Variable Frequency Drives
4. Bag Filters
5. Chemical Feed Pumps
6. Computers

B. Decommissioning of all equipment at the existing Wading River Water Treatment Plant shall not occur until after written approval by MassDEP to activate the new WTP and pump treated water into the distribution system, an occupancy permit has been issued by the local Building Inspector, the new WTP has passed the final acceptance test as defined in Section 01650-Facility Startup, and the Owner has accepted "Substantial Completion". The Contractor is required to obtain authorization from the Owner prior to starting any demolition work (Additive Alternate A)."

3. Reference Specification Section 01410 – Testing Laboratory Services

Page 01410, Paragraph 3.01, delete A & B in their entirety and replace with the following:

"A. All construction testing and inspections will be conducted by parties employed by the Owner.

B. Retesting: When initial tests indicate noncompliance with the Contract Documents, subsequent retesting occasioned by the noncompliance shall be performed by the same testing agency, and costs thereof shall be paid in full by Contractor."

4. Reference Specification Section 01650 – Facility Startup

Page 01650-3, Paragraph 1.03, delete B and replace with the following:

"B. Contractor is fully responsible for scheduling and coordination of the delivery of chemicals associated with startup until Substantial Completion.

1. The Owner shall be responsible for payment and furnishing all chemicals used in the treatment process unless otherwise stated in other Sections of these specifications.
    a. The Contractor shall notify the Owner a minimum of one month in advance of the anticipated startup date so as to allow sufficient time for ordering and delivery.
    b. The Contractor shall not hold the Owner accountable for any delays in the project due to the inability of the Owner to supply the chemicals when needed because of supplier delivery scheduling, or insufficient notification by the Contractor.

5. Reference Specification Section 02050 – Selective Demolition

Page 02050-1, Paragraph 1.01.A, delete No. 1 and replace with the following:

"1. Chlorine contract tank in its entirety. Maintain existing concrete slab in place, cut internal tank piping flush with slab and fill with concrete, provide 4" of 3/4" crushed stone on existing slab and provide ordinary fill to the proposed grade as shown on the contract drawings.

Page 02050-1, Paragraph 1.01 D, delete in its entirety.

6. Reference Specification Section 02150 – Directional Drilling

Page 02150-10, Paragraph 3.01.W, delete in its entirety and replace with the following:

"W. A PE wall anchor system encased in concrete shall be used as indicted on the drawings."

7. Reference Specification Section 02200 – Earthwork

Page 02200-13, Paragraph 3.11.C thru .E, delete in their entirety and replace with the following:

"C. The following numbers and types of soil tests shall be made where required by the Engineer and coordinated by the Contractor. Contractor shall coordinate with the Owner and Engineer when testing is required to comply with the following testing requirements. These tests shall be conducted by parties employed by the Owner and paid for by the Owner. Copies of all test results shall be available to the Contractor upon written request.

1. Particle-Size analysis of Soils and Backfill Materials in accordance with ASTM D6913. A minimum of one satisfactory test from each material in the field shall be submitted to the Owner and Engineer in addition to the initial shop drawings confirming material compliance with the specifications.

2. Moisture-Density Relationship of soil in accordance with ASTM D1557, Method D. A minimum of one test from each material in the field shall be conducted in addition to the initial shop drawings confirming material properties.
3. In-Place Density Tests of materials in accordance with ASTM D6938. Compaction tests will be taken at random on compaction layers below and at finished surfaces. Compaction testing frequency shall occur as outlined below, or as directed by the Engineer.
    a. Building Subgrade Areas and Foundation Walls, Including 5 feet Outside of Exterior Building Lines:
        i. Not less than one compaction test for every 10,000 sq. ft. for each lift.
    b. Pavement Areas:
        i. Not less than one compaction test for every 15,000 sq. ft. for each lift.
    c. Utility Trench Backfill:
        i. Intervals not exceeding 150 feet of trench for first and every other lift of compacted trench backfill.
4. Failed tests shall be repeated at the Contractor's expense.

D. The Owner reserves the right to have additional compaction tests performed by parties employed by the Owner, with testing costs borne by the Owner, except that failed tests shall be repeated at the Contractor's expense.

E. If any of the field density test results fail to meet the density as specified herein for the earthwork involved, then the Contractor shall remove all of the earthwork in that portion of the work involved as required by the Engineer, and shall replace it in accordance with these specifications to the required density. After the work is replaced, additional field density tests will be made by parties employed by the Owner, and the Contractor shall reimburse the Owner for all costs for such additional testing due to previous failed testing."

8. Reference Specification Section 11209 – PFAS Removal Treatment System

Page 11209-6, Paragraph 2.06, insert the following Paragraph C. after 2.06.B:

"C. All media and underbedding in the existing PFAS pressure vessels shall be removed and properly disposed of by the Contractor prior to relocating the existing vessels to the New/Proposed Water Treatment Plant. Contractor shall properly rinse and clean the interior of the vessels to remove all particulates. Contractor shall properly remove and dispose of all wash water off-site. All vessels shall be disinfected and receive new media as specified in Specification Section 11390 – PFAS Filter Media."

9. Reference Specification Section 11423 – Chemical Feed Equipment

Page 11423-8, delete Paragraph 2.05.A.1.a and replace with the following:

"a. Output:
PACl: Quantity: 2
Capacity: 0.0002-2.10 gph @ 125 PSI"

Page 11423-11, delete Paragraph 2.06 in its entirety and replace with the following:

"2.06 MOTOR DRIVEN METERING PUMPS

A. The KOH metering pumps shall be SCR driven, positive displacement, reciprocating, hydraulically actuated single diaphragm type, with capacity adjustable from 0 to 100% while operating. The wetted parts of the pump shall be suitable for the service intended. The diaphragm actuation fluid shall be FDA approved. Pump and motor including coupling and guard shall be mounted on a common base and tested at the factory. The metering pumps shall be Milton-Roy MRoy Series A, or approved equal. The pumps shall have the following capacities:

1. The pumps shall have the following attributes and shall be provided with the options listed below:
   a. Output:
      Caustic Quantity: 2
      Capacity: 3.5 gph @ 100 PSI

      Chlorine: Quantity: 2
      Capacity: 5.7 gph @ 100 PSI

      Hydrofluorosilicic Acid: Quantity: 2
      Capacity: 0.5 gph @ 100 PSI

      Phosphate: Quantity: 2
      Capacity: 0.5 gph @ 100 PSI
2. Liquid End: For intended chemical

B. Each pump shall be equipped with an integrally mounted, shunt wound, totally enclosed, non-ventilated 1/3 hp DC motor.
   1. Pump, motor, coupling and guard shall be mounted on a common base and tested at the factory.

C. Each pump will be furnished with a chemical feed pump control station that will provide for manual or automatic control of the chemical feed metering pump.
   1. The control station enclosure shall be designed to insulate and house control devices in wet, dusty, and/or corrosive environments.
      a. Enclosure shall be rated NEMA Type 4X and shall be constructed of Polycarbonate material.
      b. Power shall be 120VAC
      c. Each control station shall include but not be limited to the following:

1. Hand-Off Auto Selector Switch with spring return from the Hand position.
2. LED "On" Status Indicator.
3. Emergency Stop Pushbutton push to activate and twist to release.
4. Panel mount alarm device for providing visual and audible indication.
5. Front panel mount 3 to 60 minute analog timer, operator adjustable from the front dial.
6. "On" status contact to provide indication to PLC or SCADA
7. "In AUTO" contact to provide switch position indication to remote PLC or SCADA.
8. 0-90 VDC variable speed output 1% speed drive with speed indicating meter (0-100%) and manual speed potentiometer (0-100%).
9. 4-20 mA isolated signal follower (in Auto mode).
10. External fuse holder and fuse. Fuse shall be accessible from the outside without opening the Control Station enclosure.

2. Control shall be as follows:
   a. With the 3-position selector switch turned momentarily to the HAND (manual) position the control station will energize the pump and the following will occur:
      1. An audible and visual indication (red flashing LED) shall annunciate on the control station while the pump is running in the HAND.
      2. The adjustable timer at the control station is started. At the end of the timing cycle the metering pump will be de-energized and the audible and visual indication will be turned off.
   b. With the 3-position selector switch in the AUTO position the metering pump will be energized upon the control station receiving a start signal from an external remote PLC, Flow Switch, or other interlock device. The start signal shall be a normally open dry contact that upon closure shall cause the pump to start.
   c. The E-Stop pushbutton on the control station shall provide for emergency stop of the metering pump in either the HAND or AUTO mode of operation.
   d. A green LED "On" status indicator light shall indicate that the metering pump is energized.
3. Pump Control Station shall be Model #X71 by CTI Dynamix, LLC, or equal."

Page 11423-13, Paragraph 2.07, insert the following Paragraphs J. & K. after Paragraph I.

"J. Piping
1. PVC piping shall be as specified in Specification Section

15104.

2. Tubing shall be as specified in specification Section 15108.

K. Valves

1. Valves shall be as specified in specification Section 15110."

Page 11423-12, delete Paragraph 2.07.C in its entirety and replace with the following:

"C. Pressure relief valves shall be provided on the discharge of each metering pump as indicated on the chemical feed system schematic drawings. Each pressure relief valve shall be supplied with a diaphragm protected pressure gauge on the discharge piping, which will allow for setting of the relief valves.

1. Gauges shall be 2-inch diameter, 0-100 PSI, glycerin filled, and equipped with diaphragm assemblies that separate the gauge from the fluid."

10. Reference Specification Section 11610 – Magnetic Ion-Exchange (MIEX) Treatment System

Page 11610-6, Paragraph 1.06.3.c (Chloride), delete in its entirety and replace with the following:

"d. Chloride - The average amount of chloride added by the MIEX process shall be less than 12 mg/l, when comparing effluent to influent concentrations. Up to 28 staged samples may be required to provide adequate averaging."

11. Reference Specification Section 12625 – Lab/Office Furniture

Page 12625-4, Paragraph 2.02.J, delete 2.02.J.5 and replace with the following:

"5. Manufacturer and Model: Evans Consoles; *StrategySX Sit to Stand."*

DRAWINGS

Civil

1. Reference Drawing 02-C-1, Legend, Abbreviations, And General Notes

Legend, Delete 'Bituminous Concrete' and its associated shading from the legend.

2. Reference Drawing 02-C-6, Site Utilities Plan

Insert Note at each well head: "Remove and dispose of existing well pump, motor, and riser pipe. Install new pump, motor, and riser pipe per Specification Section 11216."

3. Reference Drawing 99-C-2, Stormwater and Environmental Controls Details Sheet 1

Delete West Basin Well, Existing Condition Elevation Detail Title and Replace with "Existing Condition Well Elevations"

Reference Existing Condition Well Elevations Detail: Delete Note "Submersible Well Pump and Motor" and replace with "Remove and dispose of existing well pump, motor, and riser pipe. Install new pump, motor, and riser pipe per Specification Section 11216."

4. Reference Drawing 99-C-6, Brine Waste Holding Underground FRP Tank Details

   Delete 'Loam and Seed 10" ' Callout on Side View and Front View and replace with 'Loam and Seed 4" '.

Architectural

1. Reference Drawing 99-A-1, delete 'Typical Metal Awing Detail" and replace with Canopy per Sketch 'SK-A-001' – Section Detail at Canopy, attached this addendum.

Structural

1. Reference Drawing 02-S-1, Structural Foundation Plan, Footing Schedule, Mark F5, delete 'Build Integral w/Tank Slab' under 'Notes' column.

2. Reference Drawing 02-S-2a, Structural Slab Zone 1 – Design Layout Plan, delete in its entirety and replace with the revised 02-S-2a, attached this addendum.

Process

1. Reference Drawings 20-D-1, 20-D-2, 20-D-9:

   Delete and replace these drawings with attached revised 20-D-1, 20-D-2, 20-D-9 drawings. Revisions to noted drawings include four (4) 6-inch floor drains that drain down into the sumps in the pipe gallery via 2-inch Schedule 80 PVC Piping.

2. Reference Drawing 99-D-1, Sodium Hydroxide (NaOH) & Sodium Hypochlorite Feed System Schematic:

   Delete Note "Peristaltic Metering Pump (Typ.)" and replace with "Diaphragm Metering Pump (Typ.)"

   Delete Note "Package Wall-Mounted Pump Skid" and replace with "Wall Mounted Polyethylene 3/4-inch Backboard".

3. Reference Drawing 99-D-1, Hydrofluorosilicic Acid Feed System Schematic:

   Delete Note "Peristaltic Metering Pump (Typ.)" and replace with "Diaphragm Metering Pump (Typ.)"

Delete Note “Package Wall-Mounted Pump Skid” and replace with “Wall Mounted Polyethylene 3/4-inch Backboard”.

4. Reference Drawing 99-D-2, Phosphate Feed System Schematic:

   Delete Note “Peristaltic Metering Pump (Typ.)” and replace with “Diaphragm Metering Pump (Typ.)”

   Delete Note “Package Wall-Mounted Pump Skid” and replace with “Wall Mounted Polyethylene 3/4-inch Backboard”.

ATTACHMENTS

1. Masonry Filed Sub-Bid Results (1 page)
2. Miscellaneous and Ornamental Iron Filed Sub-Bid Results (1 page)
3. Waterproofing, Dampproofing, and Caulking Filed Sub-Bid Results (1 page)
4. Roofing and Flashing Filed Sub-Bid Results (1 page)
5. Metal Windows Filed Sub-Bid Results (1 page)
6. Glass and Glazing Filed Sub-Bid Results (1 page)
7. Tile Filed Sub-Bid Results (1 page)
8. Acoustical Tile Filed Sub-Bid Results (1 page)
9. Resilient Floors Filed Sub-Bid Results (1 page)
10. Painting Filed Sub-Bid Results (1 page)
11. Fire Protection Sprinkler Systems Filed Sub-Bid Results (1 page)
12. Plumbing Filed Sub-Bid Results (1 page)
13. Heating, Ventilation, and Air Conditioning Filed Sub-Bid Results (1 page)
14. Electrical Filed Sub-Bid Results (1 page)
15. SK-A-001 Section Detail at Canopy
16. Revised Sheet 20-S-2a (1 page)
17. Revised Sheet 20-D-1 (1 page)
18. Revised Sheet 20-D-2 (1 page)
19. Revised Sheet 20-D-9 (1 page)

END OF ADDENDUM NO. 4

MASONRY FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Cenedella Masonry, Inc.	$ 1,500,000.00	
Costa Brothers Masonry	$ 1,531,000.00	
Empire Masonry Corp.	$ 1,336,000.00	
Fernandes Masonry, Inc.	$ 1,370,000.00	*Delivered to Water Dept. Mailbox. Rec'd prior to deadline but not opened at opening.
Lighthouse Masonry, Inc.	$ 1,547,000.00	
Marmelo Bros. Construction	$ 1,794,000.00	

MISCELLANEOUS AND ORNAMENTAL IRON FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Waterline Industries Corporation	$ 129,677.00	Restricted to Waterline

WATERPROOFING, DAMPPROOFING AND CAULKING FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Folan Waterproofing & Construction Co., Inc.	$ 550,200.00	
P.J. Spillane Company, Inc.	$ 518,000.00	

ROOFING AND FLASHING FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Silktown Roofing, Inc.	$ 327,809.63	Exceptions below*
Stanley Roofing Company, Inc.	$ 489,000.00	May be used by any general bidder except: Seaver; Gage
Waterline Industries Corporation	$ 427,677.00	Restricted to Waterline

*May be used by any general bidder except: Greenwood Industries, Inc., CTA Construction, Boston Building & Bridge, Hutler Construction

METAL WINDOWS FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
A & A Window Products, Inc.	$ 44,000.00	
Aluminum & Glass Concepts, Inc.	~~$ 55,980.00~~	*Not Prequalified. May be used by any general bidder except: H.V. Collins Co., Integrated Facilities Const. Corp.
Kapiloff's Glass, Inc.	$ 87,510.00	
R&R Window Contractors, Inc.	$ 46,940.00	

GLASS AND GLAZING FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
A & A Window Products, Inc.	$ 30,200.00	
Aluminum & Glass Concepts, Inc.	$ 36,750.00	May be used by any general bidder except: H.V. Collins Co., Integrated Facilities Const. Corp.
Kapiloff's Glass, Inc.	$ 14,090.00	
R&R Window Contractors, Inc.	$ 25,537.00	

TILE FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Ayotte & King For Tile, Inc.	$ 18,500.00	
Capital Carpet & Flooring Specialist, Inc.	$ 29,498.00	Exceptions below*
Pavilion Floors, Inc.	$ 26,016.00	Exceptions below**

*May be used by any general bidder except: GVW, CJM Services, Nauset Construction, Nelco Worldwide, Vareika Construction, CTA Construction

**May be used by any general bidder except: GVW Inc., CJM Services, Enfield Builders, Vareika Construction, B C Construction

ACOUSTICAL TILE FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
H. Carr & Sons, LLC	$ 16,285.00	
The Cheviot Corporation	$ 34,394.00	

RESILIENT FLOOR FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Ayotte & King For Tile, Inc.	$ 32,500.00	
Capital Carpet & Flooring Specialist, Inc.	$ 48,849.00	Exceptions below*
Pavilion Floors, Inc.	$ 26,723.00	Exceptions below**

*May be used by any general bidder except: GVW, CJM Services, Nauset Construction, Nelco Worldwide, Vareika Construction, CTA Construction

**May be used by any general bidder except: GVW Inc., CJM Services, Enfield Builders, Vareika Construction, B C Construction

PAINTING FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
John W. Egan Co., Inc.	$ 260,200.00	May be used by any general bidder except: GVW, CTA
Keltic Painting, LLC	$ 427,720.00	
SOEP Painting Corporation	$ 400,000.00	

FIRE PROTECTION SPRINKLER SYSTEMS FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Carlysle Engineering, Inc.	$ 317,475.00	Delivered to Water Dept. Mailbox. Rec'd prior to deadline but not opened at opening.
Johnson Fire Controls LP	$ 207,000.00	
Wolverine Fire Protection Co.	$ 245,000.00	
William M. Collins Co., Inc.	~~$ 204,000.00~~	Not Prequalified. Low Bid Rejected. Did not acknowledge Addendum's 2 & 3

TATA & HOWARD

PLUMBING FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
Robert W. Irvine & Sons, Inc.	$ 504,880.00	
Waterline Industries Corporation	$ 259,677.00	Restricted to Waterline
William M. Collins Co., Inc.	$ 473,000.00	

TATA & HOWARD

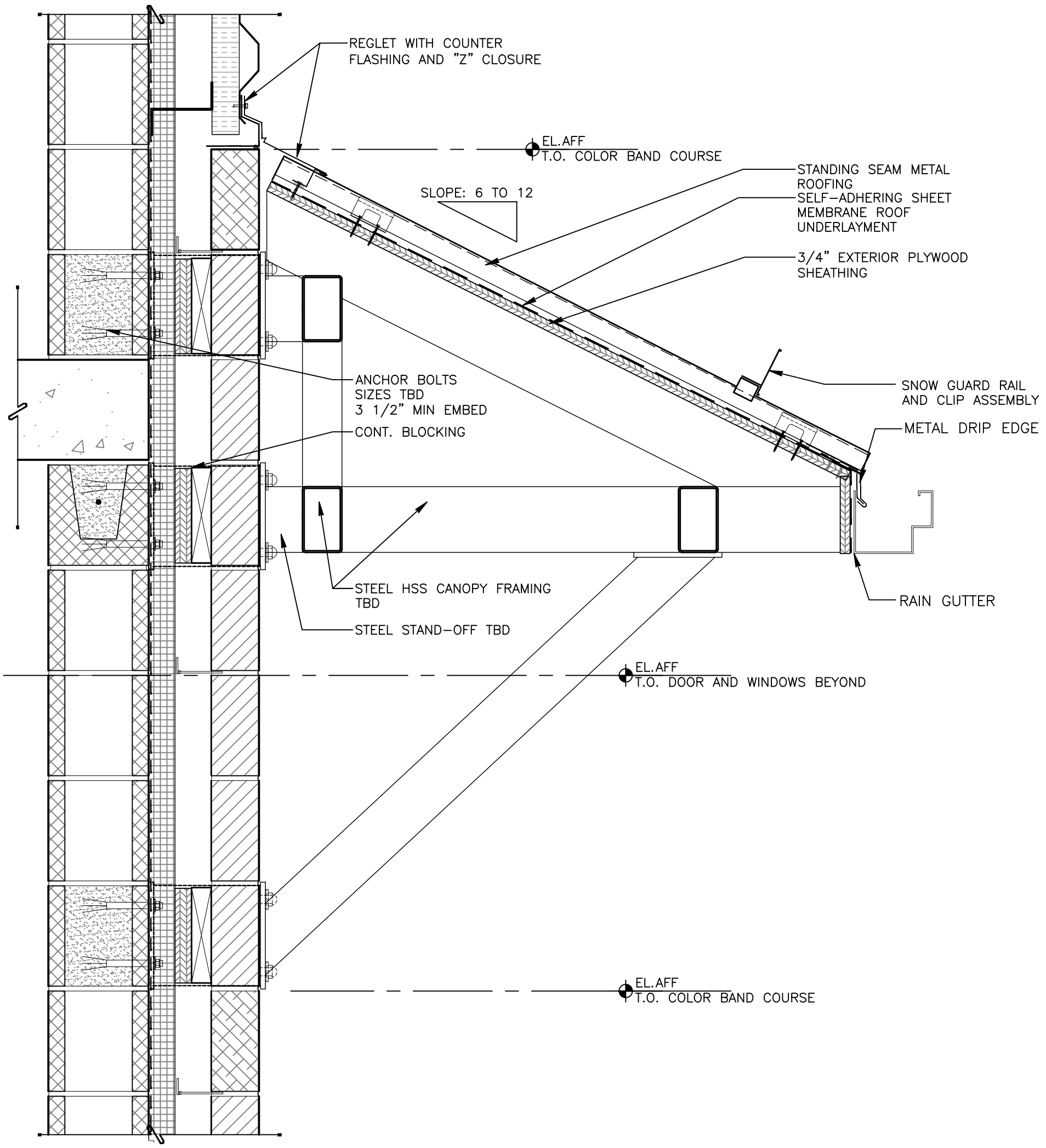
HEATING, VENTILATION AND AIR CONDITIONING FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Comments
CAM HVAC & Construction Inc.	$ 917,000.00	May be used by any general bidder except: BC Construction, New England Builders
G&H Heating & Cooling, LLC	$ 714,800.00	Exceptions below*
General Mechanical Contractors, Inc.	$ 1,252,000.00	May be used by any general bidder except: GVW and BC Construction
Thomas E. Snowden, Inc.	$ 612,000.00	
Waterline Industries Corporation	$ 499,677.00	Restricted to Waterline

*May be used by any general bidder except: MECO Environmental Services, R. Zoppo Corp., Builders Systems Inc., Northern Constrction, Waterline Industries

ELECTRICAL FILED SUB-BID RESULTS
ATTLEBORO WATER DEPARTMENT
WADING RIVER WATER TREATMENT PLANT
CONTRACT NO. 10, DWSRF-16764
APRIL 10, 2025 - 10:00 AM

Bidder	Sub-Bid Price	Add. Alt. A	Comments
Fall River Electrical Associates, Inc.	$ 2,734,000.00	$ 2,900.00	May be used by any general bidder except: Waterline Industries
Waterline Industries Corporation	$ 2,667,677.00	$ 7,967.00	Restricted to Waterline
Watermark Electrical Co., Inc.	$ 2,660,000.00	$ 9,900.00	
Wayne J. Griffin Electric, Inc.	$ 2,460,000.00	$ 26,000.00	



SECTION DETAIL AT CANOPY

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

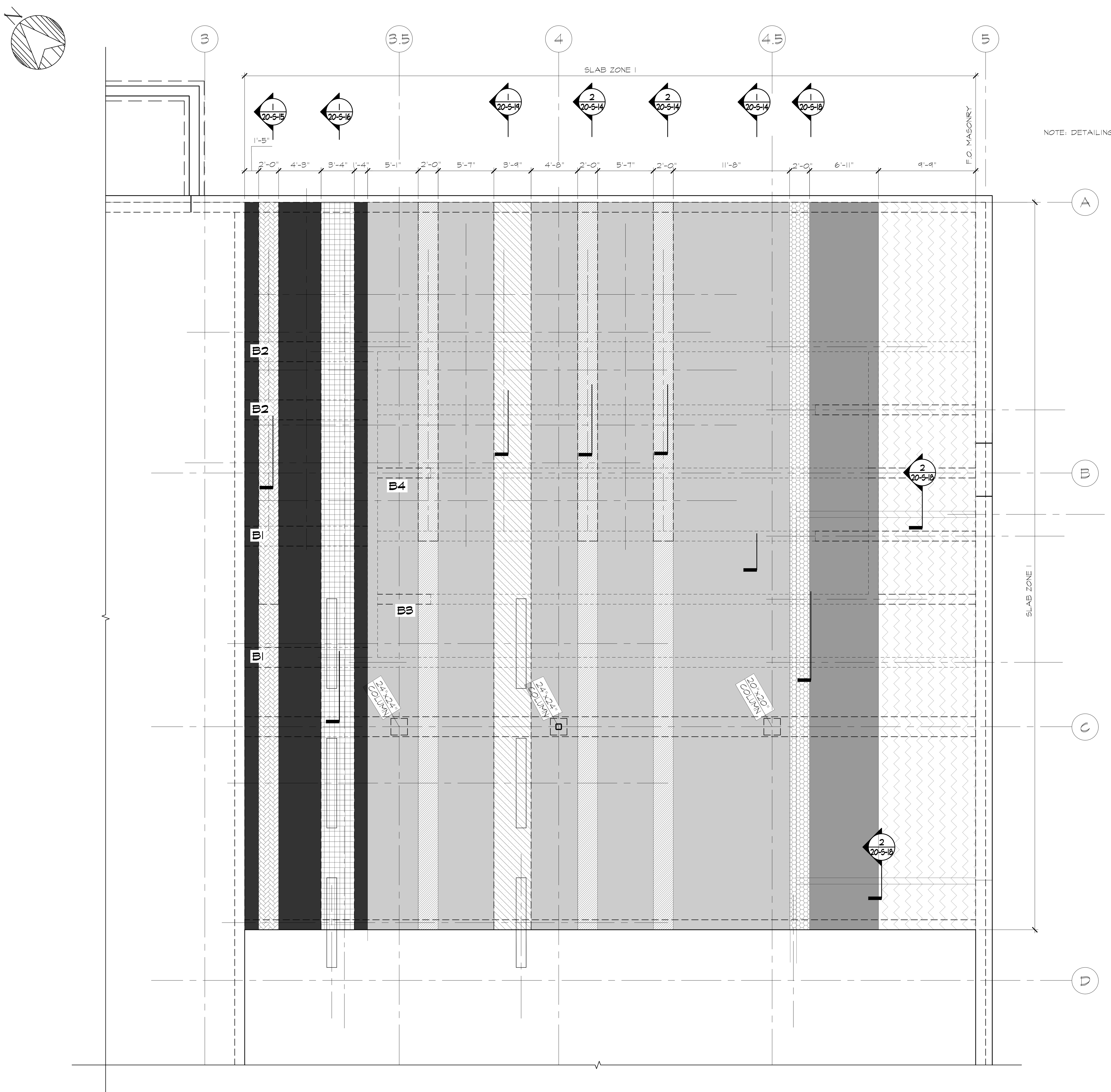
TATA & HOWARD

SECTION DETAIL AT CANOPY

WADING RIVER WATER TREATMENT PLANT

ATTLEBORO WATER DEPARTMENT

DATE:	DRAWN BY:	CHK'D BY:	APP'D BY:	DWG:	FIG:
04/18/2025	MJT	MSB	RPN	99-A-1	SK-A-001



1 SLAB ZONE 1-DESIGN LAYOUT PLAN
3/16"=1'-0"

NOTE: DETAILING REMOVED FOR CLARITY

SLAB ZONE 1-DESIGN SECTION LEGEND

- 1/20-S-15
- 2/20-S-15
- 1/20-S-16
- 1/20-S-14
- 2/20-S-14
- 1/20-S-19
- 1/20-S-18
- 1/20-S-14 W/ 2/20-S-18 @ MASONRY PARTITIONS
- 2A/20-S-15

ATTLEBORO WATER DEPT.
ATTLEBORO, MA
WADING RIVER
WATER TREATMENT PLANT

Drawn By: SMW | Designed By: MAC | Checked By: | Approved By:

STRUCTURAL
SLAB ZONE 1-
DESIGN LAYOUT PLAN

Rev.	Date	Description
8	4/18/25	Addendum No. 4

ISSUED FOR CONSTRUCTION

Lincoln / Haney
Engineering Associates, Inc.

TATA & HOWARD

T&H NO.: 6193
DATE: FEBRUARY 2025
SCALE:

20-S-2a

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FIRST FLOOR PLAN

NOTES:
1. REFER TO THE SMALL DIAMETER PIPING PLANS (SHEETS 20-D-11, 20-D-12, AND 20-D-13) FOR MORE INFORMATION ON SMALL PIPING.
2. FOR ELECTRICAL EQUIPMENT CONCRETE PAD DETAILS SEE CONCRETE PAD DETAIL ON 99-E-7. FOR ALL OTHER PROCESS EQUIPMENT CONCRETE PADS SEE CONCRETE PAD DETAIL ON 20-S-30.

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

ATTLEBORO WATER DEPT.
ATTLEBORO, MA

WADING RIVER
WATER TREATMENT PLANT

PROCESS
FIRST FLOOR PLAN

Rev.	Date	Description
D	4/18/25	Addendum No. 4

Drawn By: MJT/RSP | Designed By: RSP | Checked By: MVM | Approved By: KLG

TATA & HOWARD

T&H NO.: 6193
DATE: APRIL 2025
SCALE: AS NOTED

20-D-1

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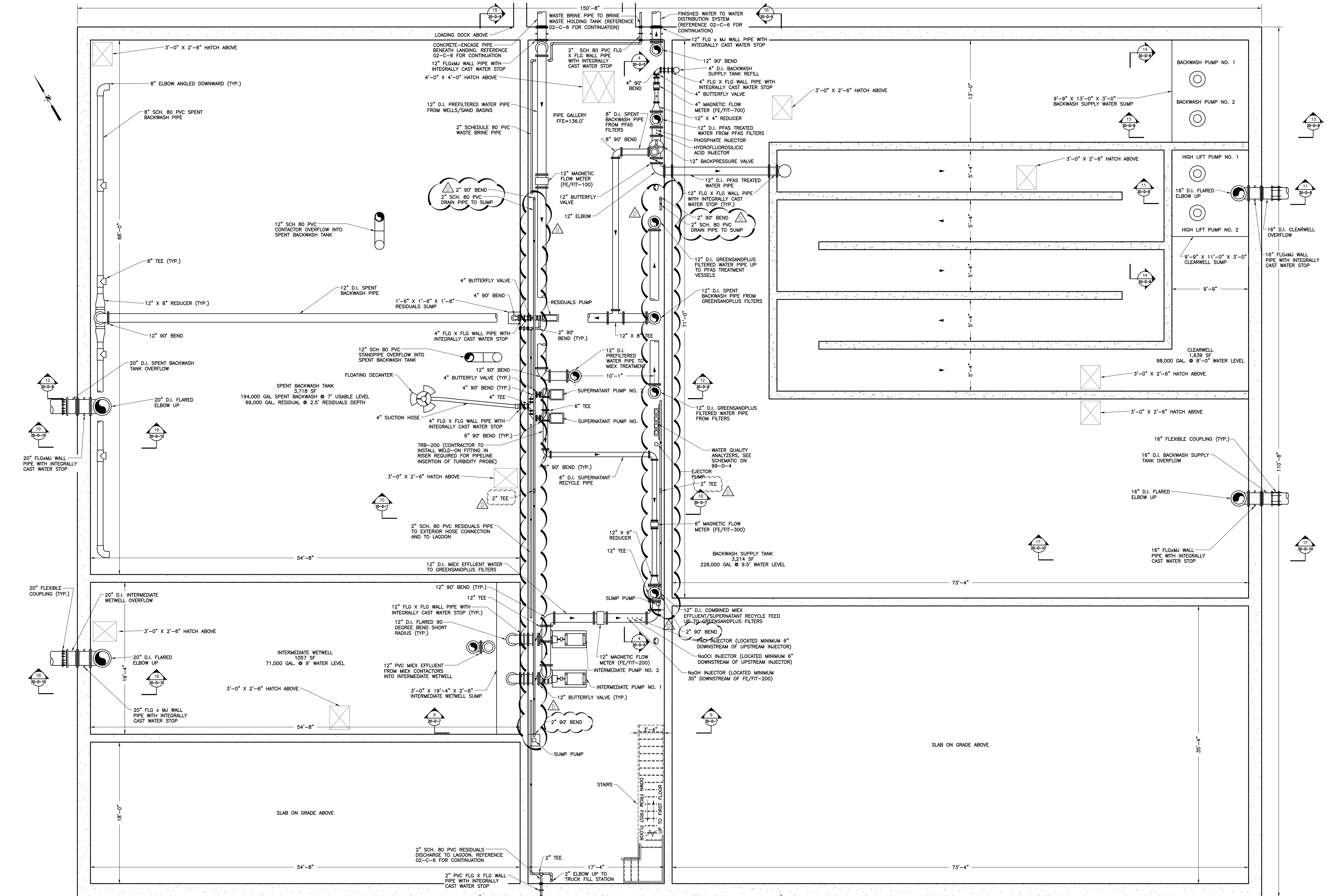


BASEMENT PLAN

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

NOTES:

1. REFER TO THE SMALL DIAMETER PIPING PLANS (SHEETS 20-D-11, 20-D-12, AND 20-D-13) FOR MORE INFORMATION ON SMALL PIPING.
2. FOR ELECTRICAL EQUIPMENT CONCRETE PAD DETAILS, SEE CONCRETE PAD DETAIL ON 99-E-7. FOR ALL OTHER PROCESS EQUIPMENT CONCRETE PADS, SEE CONCRETE PAD DETAIL ON 20-S-30.

ATTLEBORO WATER DEPT.
ATTLEBORO, MA

WADING RIVER
WATER TREATMENT PLANT

Drawn By MJT/RSP | Designed By RSP | Checked By MVM | Approved By KLG

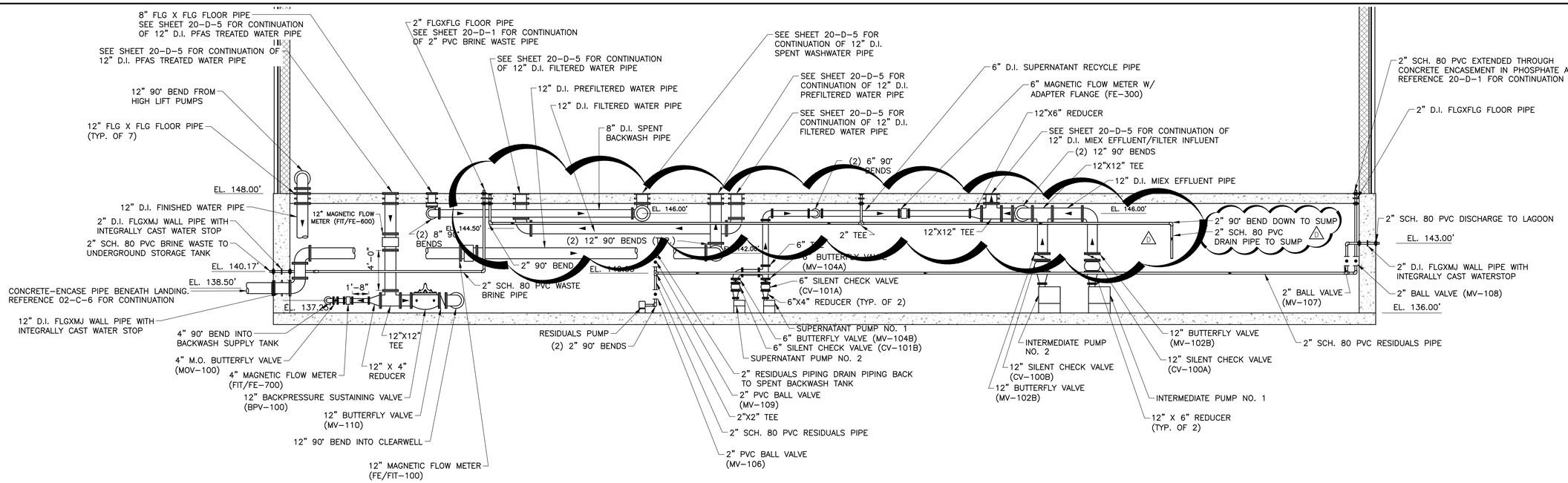
PROCESS
BASEMENT PLAN

Rev.	Date	Description
D	4/18/25	Addendum No. 4

TATA & HOWARD

T&H NO.: 6193
DATE: APRIL 2025
SCALE: AS NOTED

20-D-2

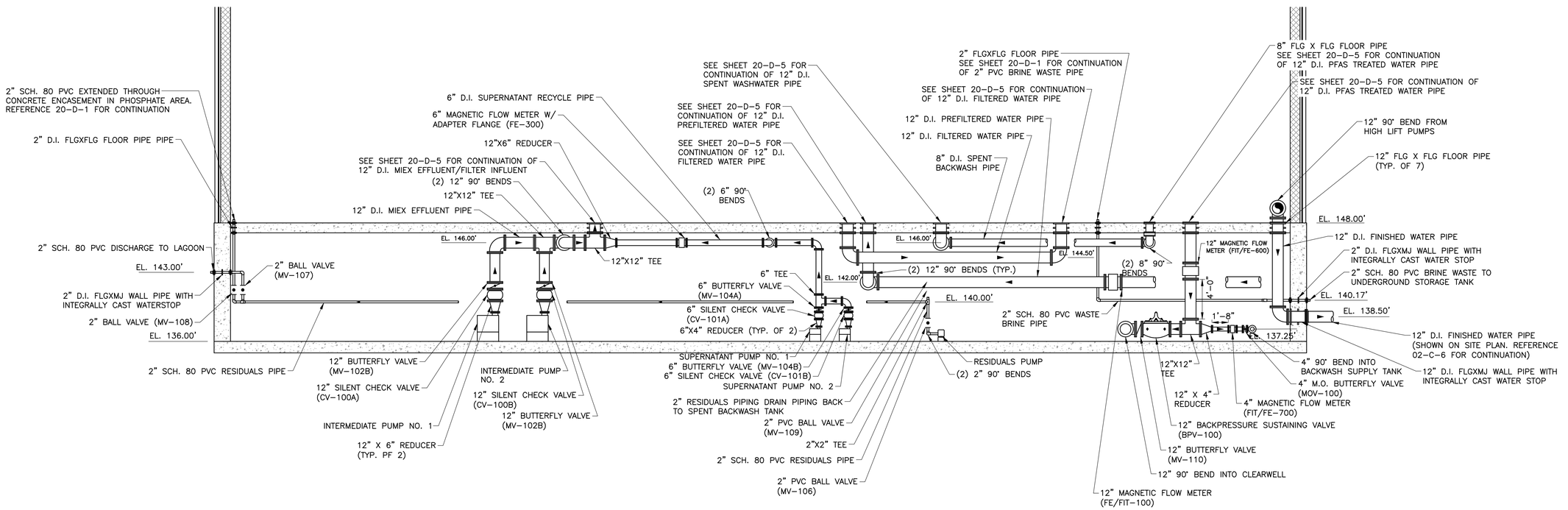


INTERIOR SECTION 15 / 20-D-2

0' 8' 16'

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

NOTES:
1. REFER TO THE SMALL DIAMETER PIPING PLANS (SHEETS 20-D-11, 20-D-12, AND 20-D-13) FOR MORE INFORMATION ON SMALL PIPING NOT SHOWN ON THESE SECTION VIEWS.



INTERIOR SECTION 16 / 20-D-2

0' 8' 16'

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

ATTLEBORO WATER DEPT.
ATTLEBORO, MA

WADING RIVER
WATER TREATMENT PLANT

PROCESS
SECTION VIEWS VI

Rev.	Date	Description
D	4/18/25	Addendum No. 4

Drawn By: MJT/RSP
Designed By: RSP
Checked By: MVM
Approved By: KLG

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TATA & HOWARD

T&H NO.: 6193
DATE: APRIL 2025
SCALE: AS NOTED

20-D-9

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