

ADDENDUM NO. ONE (1)
CITY OF STATHAM, GEORGIA
OAK STREET SPRING IMPROVEMENTS
ISSUED March 27, 2026

RE: OAK STREET SPRING IMPROVEMENTS
EMI PROJECT No. 24-012

FROM: ENGINEERING MANAGEMENT, INC.
303 SWANSON DRIVE
LAWRENCEVILLE, GA 30043
Greg Bennett, P.E.
770-962-1387

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and Drawings and modifies the original bidding documents dated FEBRUARY 2026.

The following items of the Contract Documents are modified as part of this Addendum:

Plans

- Plan Sheet C2 has been revised as follows. See attached revised plan sheet. (revisions are shown with revision clouds)
 - **A callout has been added for the removal and disposal of the existing CMP storm pipe.**

- Plan Sheet C3 has been revised as follows. See attached revised plan sheet. (revisions are shown with revision clouds)
 - **A gate valve has been added to the 6" finished water line outside of the building.**

- Plan sheet M1 has been revised as follows. See attached revised plan sheet. (revisions are shown with revision clouds)
 - **Ball valves have been added to the horizontal above ground pipes from the pumps just after the check valves.**
 - **The clearwell hatch has been changed to 30"x30".**
 - **The 1.5inch meter has been changed to a 2inch Neptune Tru/Flo compound meter to match the City's existing meter system.**

- Plan sheet M2 has been revised as follows. See attached revised plan sheet. (revisions are shown with revision clouds)
 - **The clearwell hatch has been changed to a flood tight 30"x30" clear opening hatch.**
 - **Pump and Chamber Note 5 has been removed as none of the piping is DIP.**

- Plan sheet M3 has been revised as follows. See attached revised plan sheet. (revisions are shown with revision clouds)
 - **Turbidimeter Notes have been added detailing the needed connections to SCADA and pump control when NTU values are exceeded.**

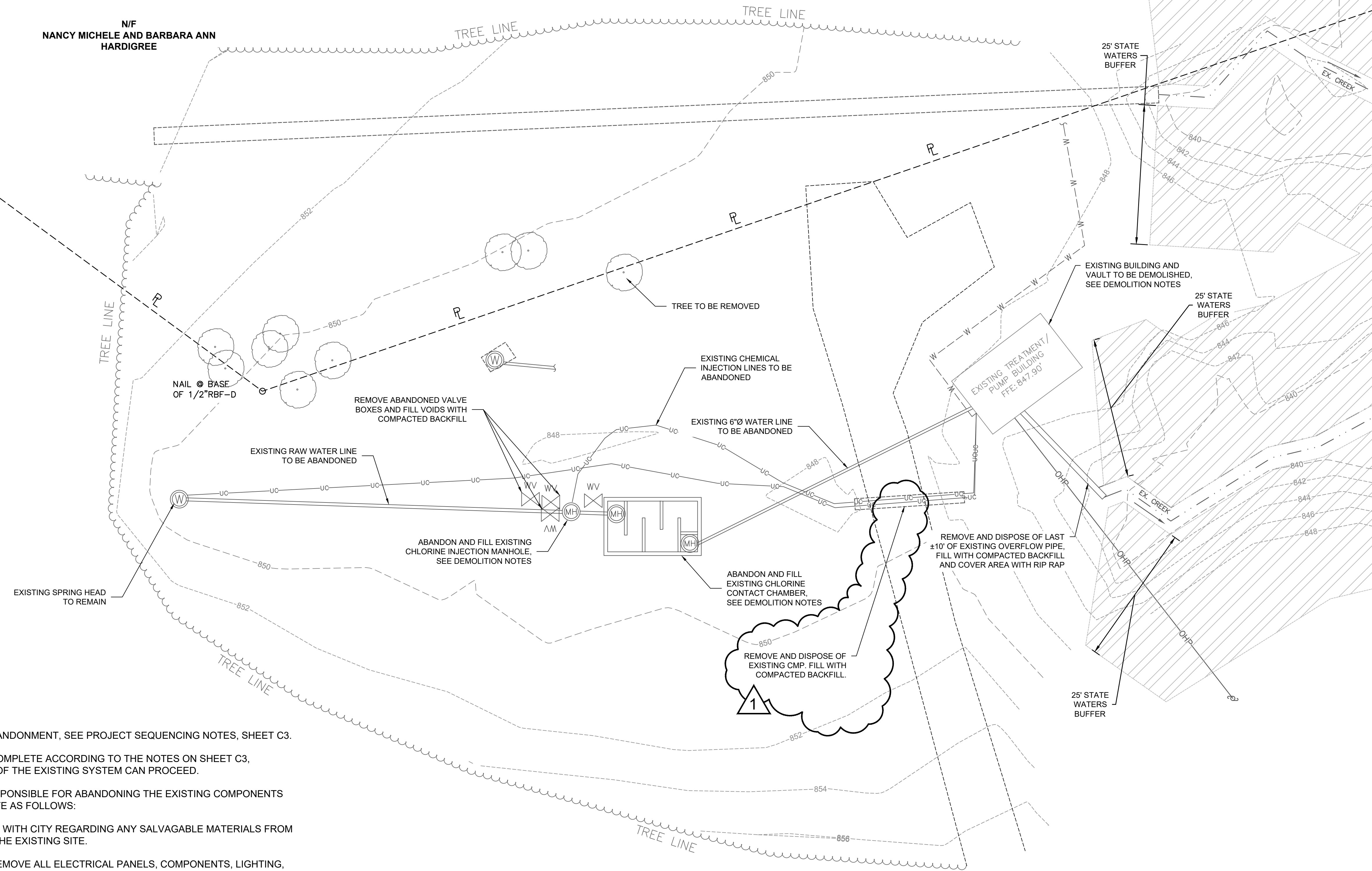
- Plan sheet M4 has been revised as follows. See attached revised plan sheet. (revisions are shown with revision clouds)
 - **The ¾" meter for the fluoride feed has been changed to a Neptune T-10 meter with E-coder to match the City's existing meter system.**

END OF ADDENDUM NO. 1

Z:\PROJECTS\24\24012 Statham Potable Water Spring System Eval\Design Stage\DS18-Specifications\Addendums\AddendumNo 1
03.27.26.doc

N/F
NANCY MICHELE AND BARBARA ANN
HARDIGREE

N/F
CITY OF STATHAM

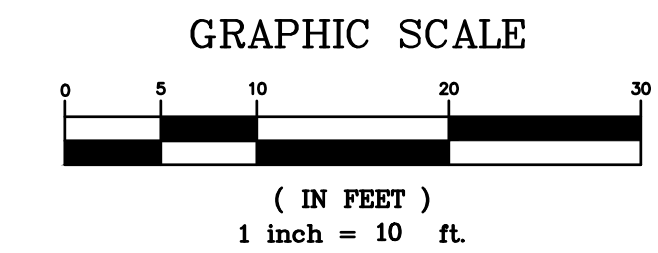


DEMOLITION NOTES:

1. PRIOR TO ANY DEMOLITION OR ABANDONMENT, SEE PROJECT SEQUENCING NOTES, SHEET C3.
2. ONCE PROJECT SEQUENCING IS COMPLETE ACCORDING TO THE NOTES ON SHEET C3, ABANDONMENT AND DEMOLITION OF THE EXISTING SYSTEM CAN PROCEED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABANDONING THE EXISTING COMPONENTS OF THE EXISTING WELL HOUSE AND SITE AS FOLLOWS:

1. CONTRACTOR SHALL COORDINATE WITH CITY REGARDING ANY SALVAGABLE MATERIALS FROM ANY REMOVED COMPONENTS AT THE EXISTING SITE.
2. ELECTRICAL - DISCONNECT AND REMOVE ALL ELECTRICAL PANELS, COMPONENTS, LIGHTING, SWITCHES, ALL SUPPORTS, POSTS, AND STRUTS AND DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. WORK INCLUDES REMOVING ALL WIRING, CONDUITS, AND APPURTENANCES ABOVE GROUND. CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH POWER COMPANY AS NECESSARY.
3. EXISTING SPRING HOUSE - DISCONNECT AND REMOVE PUMPS, ALL PIPING, TUBING, FITTINGS, APPURTENANCES, ETC. AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
4. CONTRACTOR TO COORDINATE WITH OWNER TO REMOVE OR RELOCATE ALL EXISTING CHEMICALS, CHEMICAL TANKS, AND CHEMICAL FEED PUMPS.
5. ENTIRE EXISTING BUILDING DOWN TO AND INCLUDING THE SLAB TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ROOFING MATERIALS, FRAMING, INSULATION, VENTS, TOP PLATES, PLYWOOD, ETC.
6. EXISTING CHLORINE CONTACT CHAMBER, CLEARWELL, AND MANHOLES - CONTRACTOR SHALL DRAIN EXISTING CHAMBER AND CLEARWELL. CONTRACTOR SHALL REMOVE THE MANHOLE RISERS AND TOP ±18" OF CONCRETE FROM THE CHAMBER AND CLEARWELL, DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND FILL ENTIRE REMAINING CHAMBER AND CLEARWELL STRUCTURES WITH COMPACTED BACKFILL TO GRADE.
7. ALL BACKFILLING AND GRADING SHALL COMPLY WITH THE REQUIREMENTS FOUND IN SECTION 02200 - EARTHWORK OF THE PROJECT SPECIFICATIONS.
8. EXISTING SITE SHALL BE LEFT GRADED SMOOTHLY AT FINISHED GRADE, GRASSED, AND MULCHED WITH PERMANENT GRASSING.



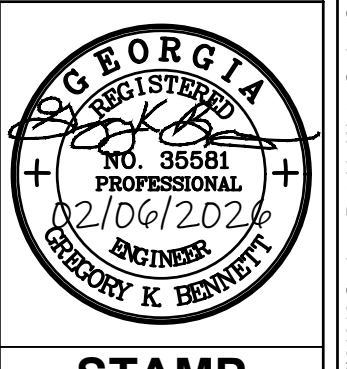
© 1999
ENGINEERING MANAGEMENT
INC. ALL RIGHTS RESERVED.
THESE CONSTRUCTION DOCUMENTS AND
PERMITS REPRESENT ONE INVOICE OF THE
NEW SCALE PRINTING OF EXISTING
DRAWINGS. THE ORIGINAL DRAWINGS
SHALL BE USED FOR ALL PROJECTS.
NO OTHER REPRODUCTION OR
REPRODUCTION OF THESE DOCUMENTS
IS PERMITTED WITHOUT THE WRITTEN
CONSENT OF ENGINEERING MANAGEMENT
INC.

DATE	NO.	DESCRIPTION
02/23/2026	A	RELEASED FOR EPD TECHNICAL AND EROSION CONTROL REVIEW
02/27/2026	B	RELEASE FOR BID
03/27/2026	C	ADDENDUM NO. 1

ENGINEERING MANAGEMENT
INC.
Experience • Trust • Solutions
Civil and Environmental Engineers
303 Swanson Drive, Lawrenceville, GA 30043
phone: 770-962-1387 fax: 770-962-8010
www.eminc.biz

**OAK STREET SPRING
IMPROVEMENTS
FOR THE
CITY OF STATHAM
BARROW COUNTY, GEORGIA**

DEMOLITION PLAN	DESIGN BY	DRAWN BY	CHECKED BY
	GKB	LMT	GKB
SHEET TITLE			



STAMP
1/27/2026
DATE
24012
JOB NUMBER

C2

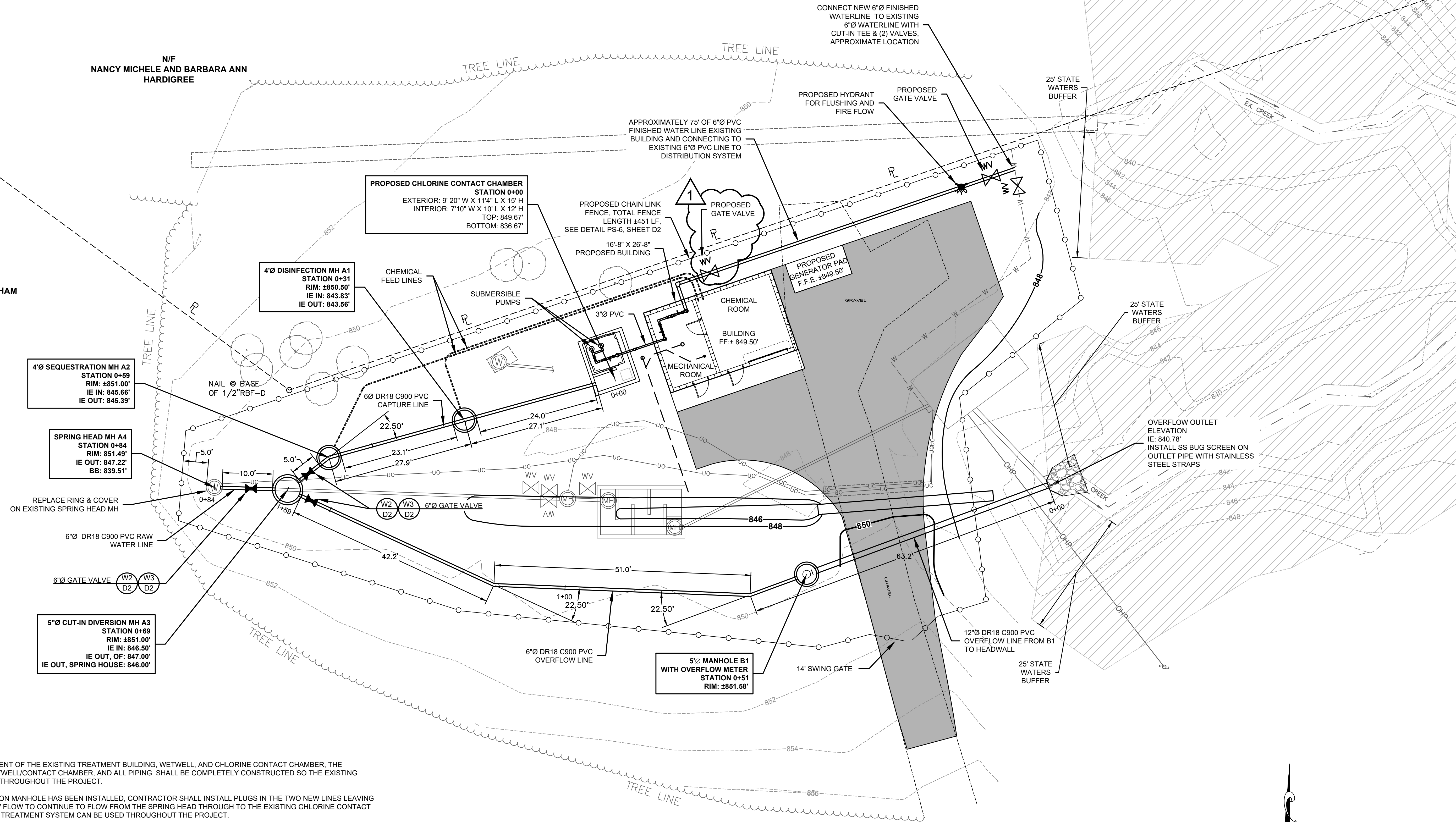
REVISION

PATH & FILE: Z:\PROJECTS\24012 Statham Possible Water System Eval\Bid Phase\BP7_Released for Bids\24012 Base Release for Bid Addendum No. 1

SHEET

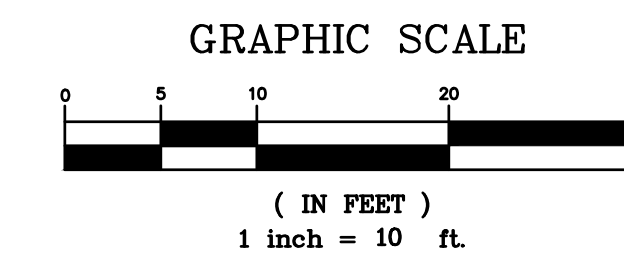
GENERAL NOTES

1. ALL PIPING OUTSIDE OF THE WELL BUILDING TO BE INSTALLED WITH CLASS 5 BEDDING PER DETAIL S-9.
2. CONTRACTOR SHALL COORDINATE WITH OWNER AND ENGINEER PRIOR TO ANY DOWN TIME OF THE EXISTING SYSTEM, INCLUDING INSTALLING THE CUT-IN DIVERSION MANHOLE AND TAPPING SLEEVE AND VALVE.



PROJECT SEQUENCING NOTES:

1. PRIOR TO THE ABANDONMENT OF THE EXISTING TREATMENT BUILDING, WETWELL, AND CHLORINE CONTACT CHAMBER, THE PROPOSED BUILDING, WETWELL/CONTACT CHAMBER, AND ALL PIPING SHALL BE COMPLETELY CONSTRUCTED SO THE EXISTING SYSTEM REMAINS ONLINE THROUGHOUT THE PROJECT.
2. ONCE THE CUT-IN DIVERSION MANHOLE HAS BEEN INSTALLED, CONTRACTOR SHALL INSTALL PLUGS IN THE TWO NEW LINES LEAVING THE MANHOLE AND ALLOW FLOW TO CONTINUE TO FLOW FROM THE SPRING HEAD THROUGH TO THE EXISTING CHLORINE CONTACT CHAMBER SO THE SPRING TREATMENT SYSTEM CAN BE USED THROUGHOUT THE PROJECT.
3. CONTRACTOR SHALL ALSO INSTALL THE TEE AND GATE VALVES CONNECTING THE PROPOSED 6" FINISHED WATERLINE TO THE EXISTING WATERLINE. THE VALVE ON THE EXISTING WATERLINE SHALL BE OPENED AND THE VALVE ON THE PROPOSED WATERLINE FROM THE NEW BUILDING SHALL BE CLOSED.
4. WHEN THE NEW SYSTEM IS READY FOR STARTUP, CONTRACTOR SHALL COORDINATE WITH THE OWNER AND ENGINEER TO TEMPORARILY PLUG THE EXISTING LINE OUT OF THE DIVERSION MANHOLE TO THE OLD SYSTEM AND REMOVE THE PLUGS TO THE NEW SYSTEM, ALLOWING FLOW TO BE DIRECTED TO THE NEW CONTACT CHAMBER AND OVERFLOW PIPE.
5. THE NEW SYSTEM SHALL BE DISINFECTED AS REQUIRED, THEN THE NEW HYDRANT SHALL BE USED TO FOR FLUSHING AND FOR CALIBRATING THE NEW SYSTEM.
6. ONCE THE NEW SYSTEM HAS BEEN SUCCESSFULLY DISINFECTED, TESTED, AND CALIBRATED, THE VALVE FROM THE OLD SYSTEM SHALL BE CLOSED AND THE VALVE FROM THE NEW SYSTEM SHALL BE OPENED. THE NEW SYSTEM CAN THEN BE PLACED IN SERVICE. THE NEW SYSTEM SHALL BE OPERATED FOR A MINIMUM PERIOD OF 2 WEEKS BEFORE ANY DEMOLITION OF THE OLD SYSTEM CAN TAKE PLACE.
7. AFTER THE TWO WEEK PERIOD, THE INVERT OUT TO THE OLD SYSTEM IN THE DIVERSION MANHOLE SHALL BE REMOVED AND SEALED AS INDICATED, AND THE FINISHED WATERLINE FROM THE OLD SYSTEM CAN BE ABANDONED AS INDICATED AND FINAL GRADING, DRIVEWAY, AND FENCING CAN BE COMPLETED.



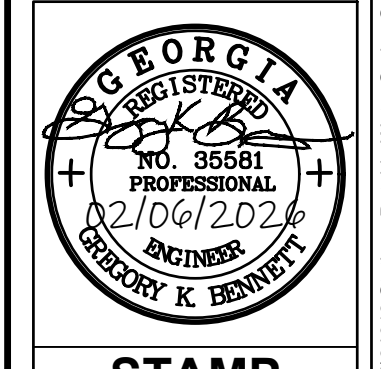
© 1999 EMM ENGINEERING MANAGEMENT, INC. ALL RIGHTS RESERVED. THESE CONSTRUCTION DOCUMENTS AND ANY INSTRUMENTS OF SERVICE ARE THE PROPERTY OF EMM ENGINEERING MANAGEMENT, INC. NO PART OF THESE DOCUMENTS ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF EMM ENGINEERING MANAGEMENT, INC.

DATE	NO.	DESCRIPTION
02/23/2026	A	RELEASED FOR EPD TECHNICAL AND EROSION CONTROL REVIEW
02/27/2026	B	RELEASE FOR BID
03/27/2026	C	ADDENDUM NO. 1

EMM ENGINEERING MANAGEMENT
 Experience Trust Solutions
Civil and Environmental Engineers
 303 Swanson Drive, Lawrenceville, GA 30043
 phone: 770-962-1387 fax: 770-962-8010
 www.emmc.biz

OAK STREET SPRING IMPROVEMENTS FOR THE CITY OF STATHAM BARROW COUNTY, GEORGIA

DESIGN BY	GKB
DRAWN BY	LMT
CHECKED BY	GKB

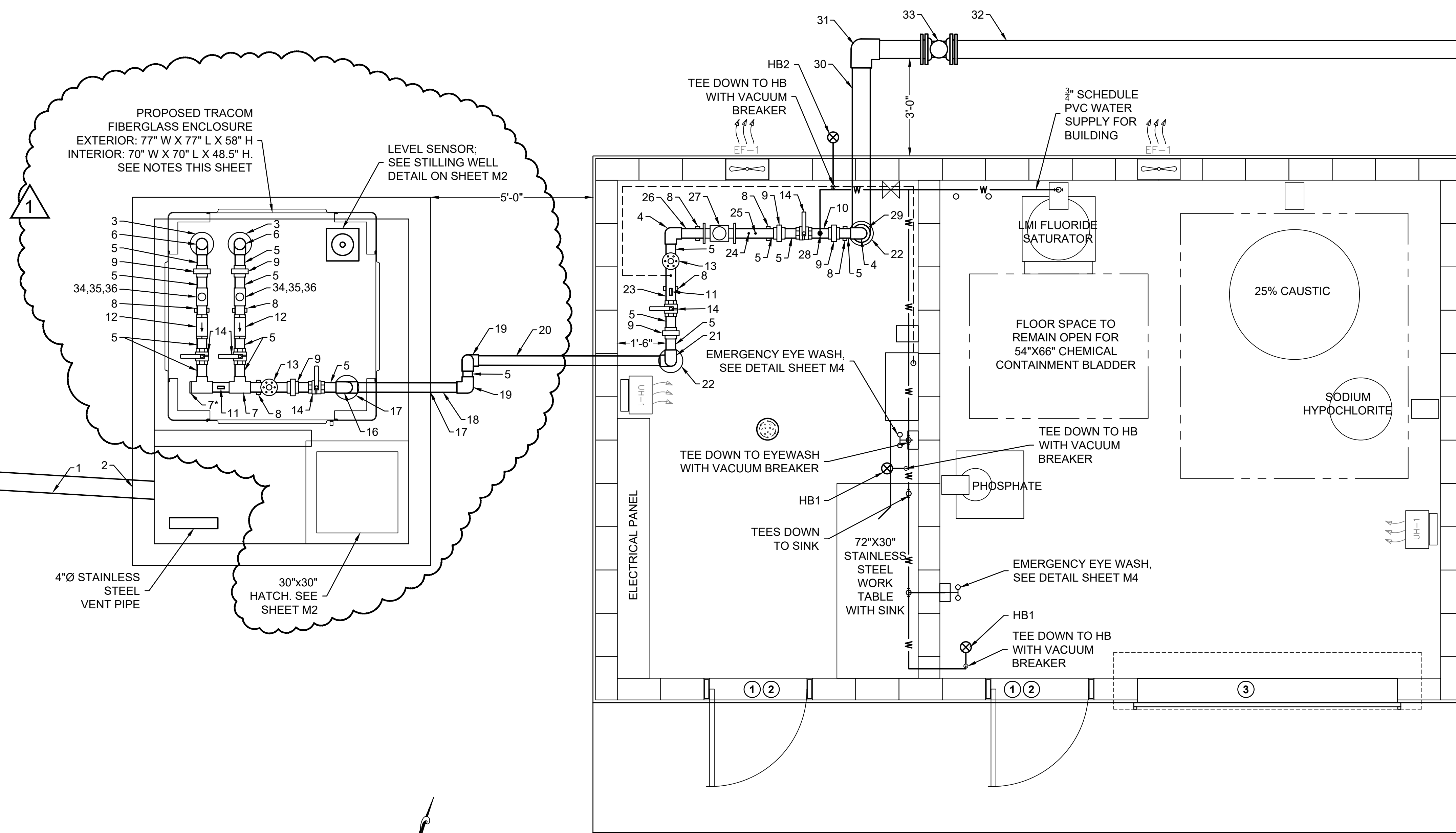


STAMP
 DATE: 1/27/2026
 JOB NUMBER: 24012

SHEET
 C3

REVISION

PATH & FILE: Z:\PROJECTS\24012 Statham Possible Water Spring System Eval\Bld Phase\BP7\Released for Bldg\24012 Base Release for Bid Addendum No. 1



PIPING PLAN

1/2" = 1'-0"

FIBERGLASS ENCLOSURE NOTES:

1. ENCLOSURE SHALL BE MODEL 200-161M 77"W x 77"D x 58" MODULAR ENCLOSURE BY TRACOM, OR EQUAL. ENCLOSURE SHALL INCLUDE THE FOLLOWING:

- HEATER, 1.5KW, SURFACE MOUNT, INDICATOR LIGHT, THERMAL OVERLOAD PROTECTED, WITH THERMOSTAT
- FAN, SHUTTER MOUNTED, 7", 250 CFM, ALUMINUM BLADES AND GRAVITY SHUTTER, WIRE GUARD
- THERMOSTAT, LINE VOLTAGE, NEMA 4X, MECHANICAL
- LIGHT FIXTURE, JELLY JAR, A21 (BY OTHER), 100W MAX, TEMPERED GLASS LENS, ALUMINUM HOOD
- SWITCH, NEMA 3R COVER, SINGLE TOGGLE (WIRED TO FAN AND LIGHT)
- SCH. 40 PVC CONDUITS AND FITTINGS FOR PUMP POWER CABLES AND ENCLOSURE WIRING
- 12 GAUGE THHN WIRING
- JUNCTION BOX, 6"W x 6"H x 4"D

INTERIOR PIPING SCHEDULE

1. 6"Ø DR18 C900 PVC INFLUENT PIPING.
2. CORE AND CONNECT INFLUENT PIPING WITH A WATERTIGHT PIPE BOOT. GROUT AROUND BOOT WHEN COMPLETE.
3. 8"Ø SCHEDULE 80 PVC STILLING WELL WITH PVC WELL SEAL. SEE SHEET M2 FOR DETAILS.
4. 3"Ø SCHEDULE 80 PVC 90° ELBOW.
5. 3"Ø SCHEDULE 80 PVC SPOOL. ALL PIPING BETWEEN PUMPS AND TREATMENT BUILDING TO BE 3"Ø SCHEDULE 80 PVC.
6. 3"Ø SCHEDULE 80 PVC TEE WITH 3"x2" REDUCER BUSHING AND 3" PLUG.
7. 3"Ø SCHEDULE 80 PVC TEE (WITH 3" PLUG).
8. PIPE SUPPORT - SEE DETAIL 15501, SHEET D3.
9. 3" SCHEDULE 80 PVC UNION.
10. 3"Ø SCHEDULE 80 PVC SPOOL, 6" LONG.
11. ASHCROFT PRESSURE GAUGE - 4 1/2" FACE, "COMPOUND" 0-100 PSI, MODEL NO. 45-1259SD-02L-LJ-0-150# INSTALLED.
12. 3"Ø CHECK VALVE. AMERICAN-GRANBY CVNL-BS SERIES. NO LEAD CAST BRASS, BRONZE BODY AND POPPET, BUNA-N O-RING, STAINLESS STEEL SPRINGS, WASHERS, AND LOCK NUTS, DELRIN POPPET STEM, GUIDE, 200 PSI WORKING PRESSURE.
13. 1/2"Ø AIR RELEASE THROTTLING VALVE (ARV). MOUNT WITH 3"Ø GALVANIZED TEE, CLASS 150, WITH REDUCER TO ARV ON TOP. INSTALL 3/8" BRASS BALL VALVE BETWEEN TEE AND ARV. SEE SPECIFICATION SECTION 15105 FOR DETAILS.
14. 3"Ø BALL VALVE - NIBCO PVC SCHEDULE 80 MODEL C, RATED FOR 150 PSI, NSF61

CERTIFIED.

15. 3"Ø SCHEDULE 80 PVC SPOOL, 5" LONG.
16. 3"Ø SCHEDULE 80 PVC 90° ELBOW. PIPE RUNS APPROXIMATELY 41", REENTERING CHAMBER AND ELBOWS AGAIN TO EXIT CHAMBER, ABOVE THE OVERFLOW ELEVATION. SEE SHEET M2 FOR CROSS SECTIONAL VIEW AND MORE DETAILS.
17. SEAL AROUND PIPING IN CONCRETE TOP WITH LINK SEAL AND PIPE WITH POLYURETHANE ELASTOMERIC SEALANT.
18. 3"Ø SCHEDULE 80 PVC SPOOL, APPROXIMATELY 37" LONG. PIPE IS TO EXTEND AT LEAST 12" OFF OF THE CHAMBER WALL.
19. 3"Ø SCHEDULE 80 PVC 90° ELBOW. PIPE EXTENDS TO REACH AT LEAST 4' BELOW GRADE AND ELBOWS AGAIN TO REACH BUILDING. SEE SHEET M2 FOR CROSS SECTIONAL VIEW AND MORE DETAILS.
20. 3"Ø SCHEDULE 80 PVC SPOOL, APPROXIMATELY 67" LONG. PIPE IS TO REACH THE CORED ENTRANCE INTO THE BUILDING. PIPE IS TO BE APPROXIMATELY 1'-6" OFF OF BUILDING WALL.
21. 3"Ø SCHEDULE 80 PVC 90° ELBOW. PIPE EXTENDS APPROXIMATELY 75" TO REACH AT APPROXIMATELY 2' ABOVE BUILDING FLOOR GRADE AND ELBOWS AGAIN TO BEGIN IN-BUILDING PIPE CONFIGURATION.
22. CORE BUILDING CONCRETE SLAB.
23. 3"Ø SCHEDULE 80 PVC SPOOL, APPROXIMATELY 13" LONG.
24. FLUORIDE INJECTION PORT ON PVC SPOOL. TAP SPOOL WITH "TITAN" 1/2" STAINLESS STEEL NIPPLES WITH 1/2" SS BALL VALVES FOR INJECTION PORTS.
25. CAUSTIC INJECTION PORT ON PVC SPOOL. TAP SPOOL WITH "TITAN" 1/2" STAINLESS STEEL NIPPLES WITH 1/2" SS BALL VALVES FOR INJECTION PORTS.

26. 3"Ø SCHEDULE 80 PVC SPOOL, APPROXIMATELY 18" LONG.

27. 2" NEPTUNE TRUI/FLO COMPOUND WATER METER WITH 4-20ma SIGNAL TO CONNECT TO SCADA (SEE SHEET E1). CONTRACTOR TO PROVIDE FITTING TO REDUCE PIPE SIZE AS NECESSARY IN ORDER TO CONNECT METER.

28. 3/4" TAP FOR 3/4" SCHEDULE 80 PVC WATER SUPPLY LINE FOR BUILDING. SAMPLING TO BE DONE AT STAINLESS STEEL WORKTABLE SINK.
29. 3"Ø SCHEDULE 80 PVC 90° ELBOW, 3"Ø TRANSITIONS TO 6"Ø AND 4' OF COVER OUTSIDE OF CONCRETE SLAB. A 6"Ø SCHEDULE 80 PVC 90° ELBOW EXITING OUTSIDE OF BUILDING.
30. 6"Ø SCHEDULE 80 PVC SPOOL, APPROXIMATELY 62" LONG. PIPE IS TO EXTEND AT LEAST 3' OFF OF THE BUILDING FOUNDATION.
31. 6"Ø SCHEDULE 80 PVC 90° ELBOW.
32. 6"Ø SCHEDULE 80 PVC SPOOL, APPROXIMATELY 70', TO CONNECT TO EXISTING 6"Ø FINISHED WATER LINE AND ENTER DISTRIBUTION SYSTEM.
33. 6"Ø GATE VALVE (MxMJ).
34. 3"x1-1/2" SCHEDULE 80 PVC TEE.
35. 1-1/2"Ø BALL VALVE.
36. KUNKLE MODEL 171S-G-02-MG150 PRESSURE RELIEF VALVE, OR APPROVED EQUAL.

HEATING AND AIR CONDITIONING SCHEDULE AND NOTES

FAN SCHEDULE								
SYMBOL	FUNCTION	CFM	MANUFACTURER	TYPE	SIZE	HP	OPENING	QTY
EF-1	EXH. FAN	385	TWIN CITY	TCPE	140A	1/8	21 3/4" SQ.	2

NOTES: CFM LISTED ARE FOR 0.15" STATIC PRESSURE. FAN MOTORS SHALL BE TOTALLY ENCLOSED TYPE

- ① BACKDRAFT DAMPER INCLUDED
- ② CONTROL FROM SEPARATE WALL SWITCH
- ③ CONTROL FROM THERMOSTAT
- ④ WALL SLEEVE, WALL SHUTTER, AND FAN GUARD
- ⑤ WALL MOUNTED WITH BOTTOM 7"-0" A.F.F.
- ⑥ EPOXY COATED

HEATERS AND AC UNITS								
SYMBOL	LOCATION	MANUF.	MODEL	KW	QTY	VOLTAGE	CONTROLS	MOUNTING
UH-1	AS SHOWN	TRANE	UHEC032B0CO	3.3	1	240V/2P	INTERNAL THERMOSTAT	VERTICAL THROW

NOTE: INSTALL WITH CEILING BRACKET V5105

MECHANICAL NOTES:

1. ALL EXHAUST FANS SHALL BE WIRED SUCH THAT WHEN THE EXHAUST FANS TURN ON/OFF, THE RELATIVE LOUVER OPENS/CLOSES.
2. ALL MECHANICAL WORK SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES.

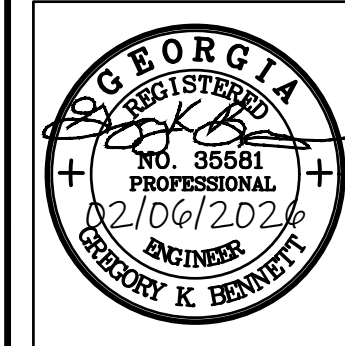
© 1989 EMI ENGINEERING MANAGEMENT, INC. ALL RIGHTS RESERVED. THESE CONSTRUCTION DOCUMENTS AND ANY INSTRUMENTS OF SERVICE ARE THE PROPERTY OF EMI ENGINEERING MANAGEMENT, INC. NO PART OF THESE DOCUMENTS ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF EMI ENGINEERING MANAGEMENT, INC.

DATE	NO.	DESCRIPTION
02/23/2026	A	RELEASED FOR EPD TECHNICAL AND EROSION CONTROL REVIEW
02/27/2026	B	RELEASE FOR BID
03/27/2026	C	ADDENDUM NO. 1

EMI ENGINEERING MANAGEMENT
Experience • Trust • Solutions
Civil and Environmental Engineers
 303 Swanson Drive, Lawrenceville, GA 30043
 phone: 770-962-1387 fax: 770-962-8010
 www.eminc.biz

OAK STREET SPRING IMPROVEMENTS FOR THE CITY OF STATHAM BARROW COUNTY, GEORGIA

PIPING & PLUMBING DETAILS
SHEET TITLE
 GKB LMT GKB
 DESIGN BY DRAWN BY CHECKED BY



STAMP

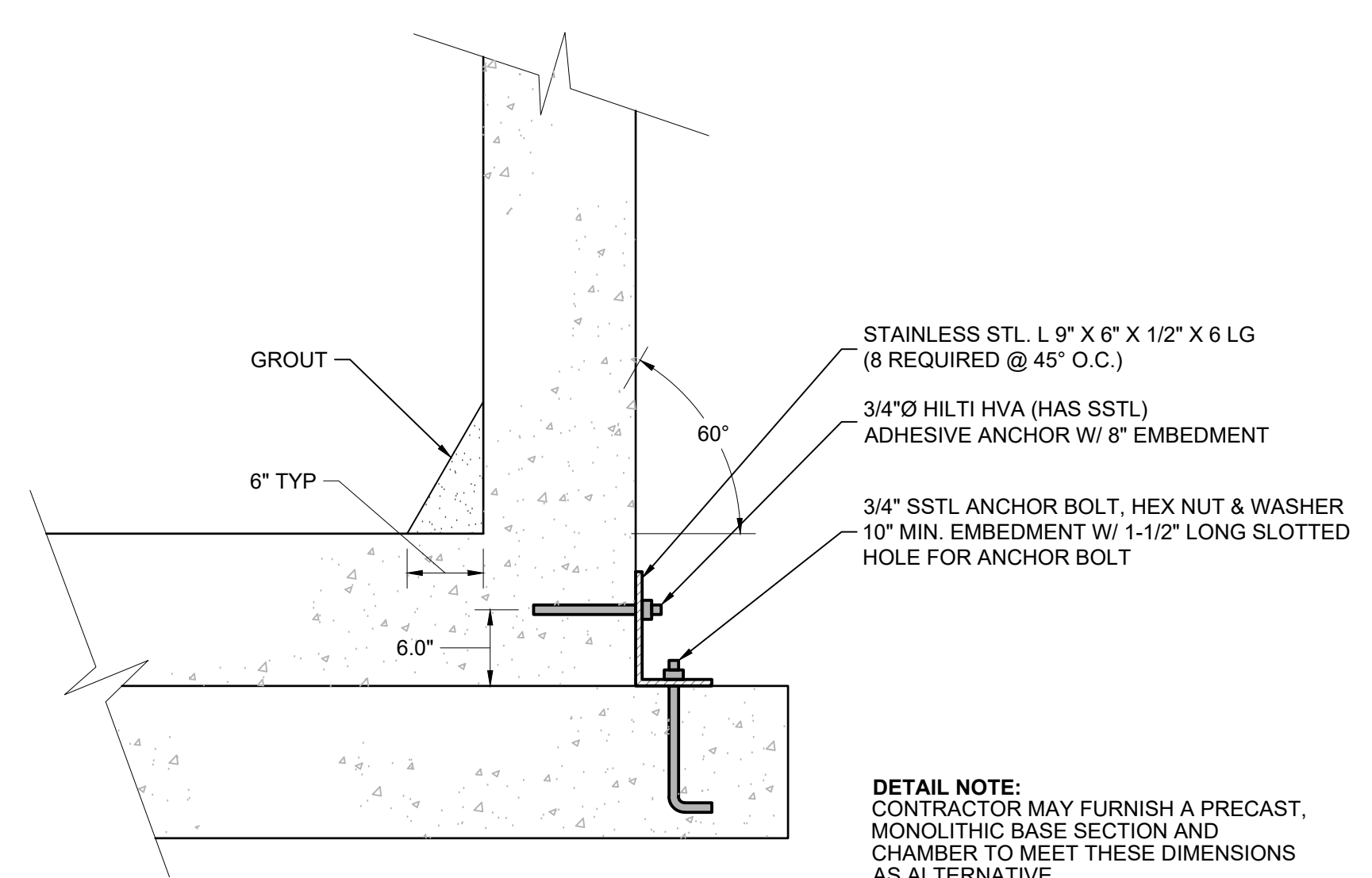
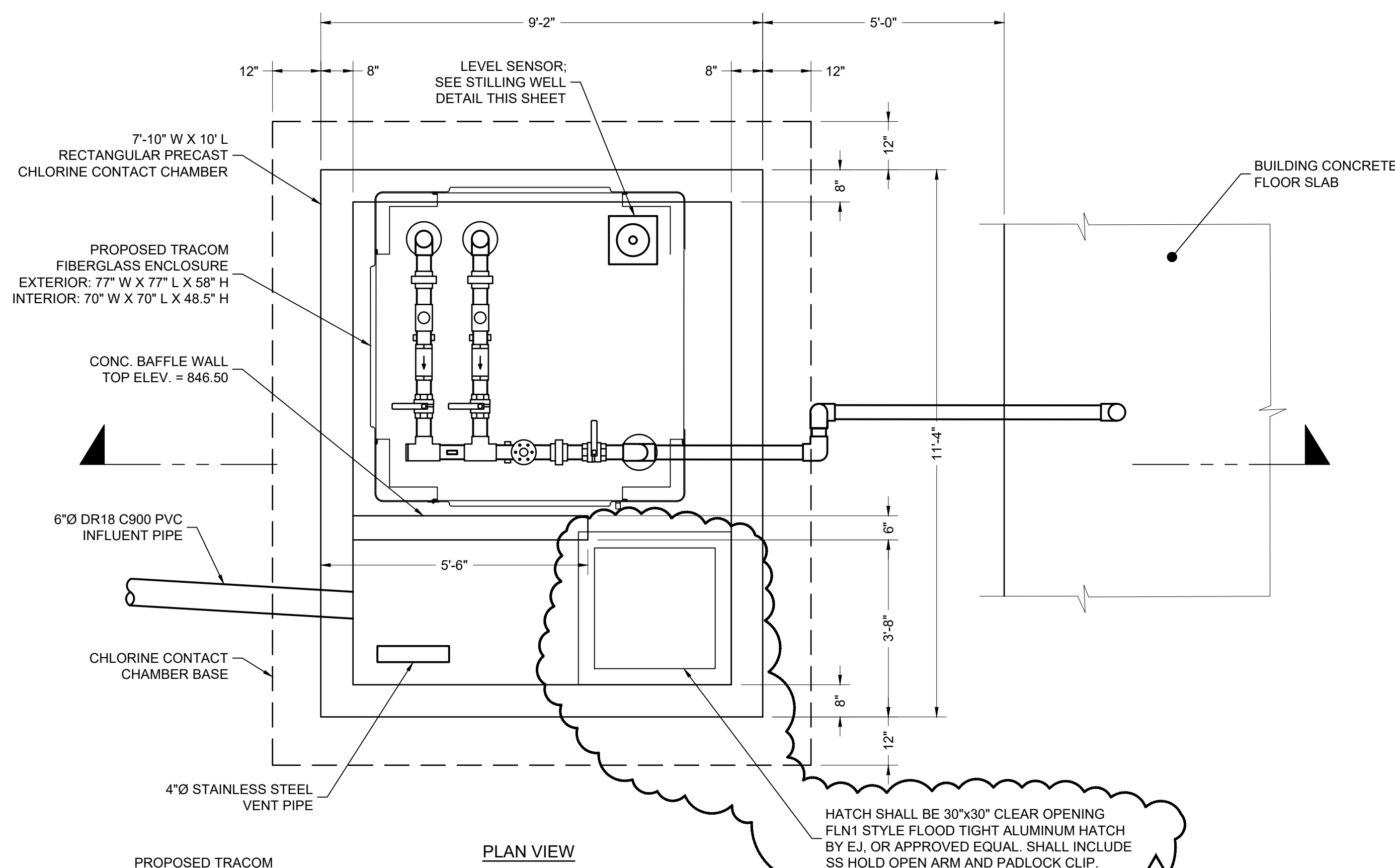
1/29/26
 DATE
 24012
 JOB NUMBER

M1

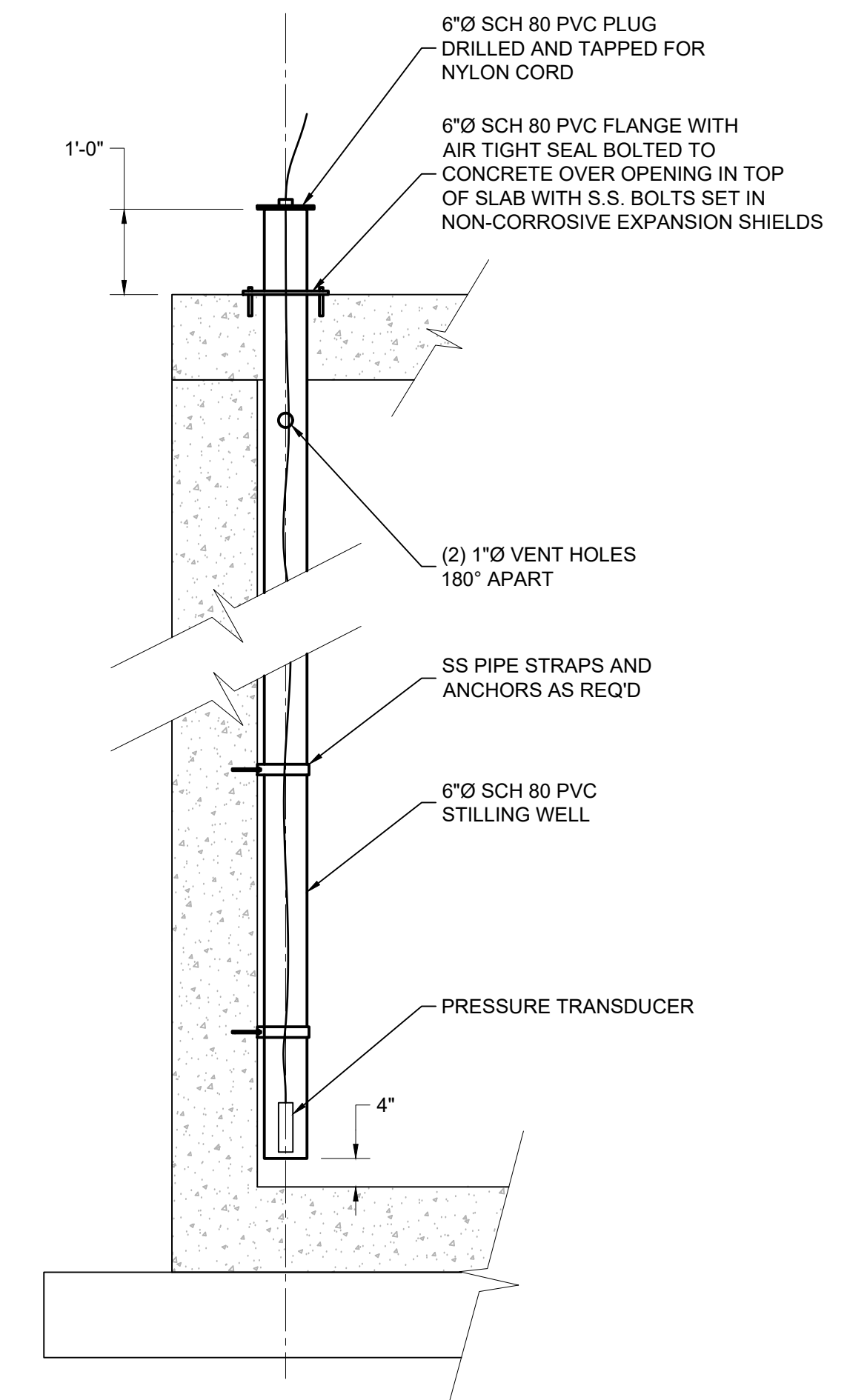
REVISION

PATH & FILE: Z:\PROJECTS\24012 Statham Possible Water Spring System Eval\Bid Phase\BP7_Released for Bid\24012 Base Release for Bid Addendum No. 1

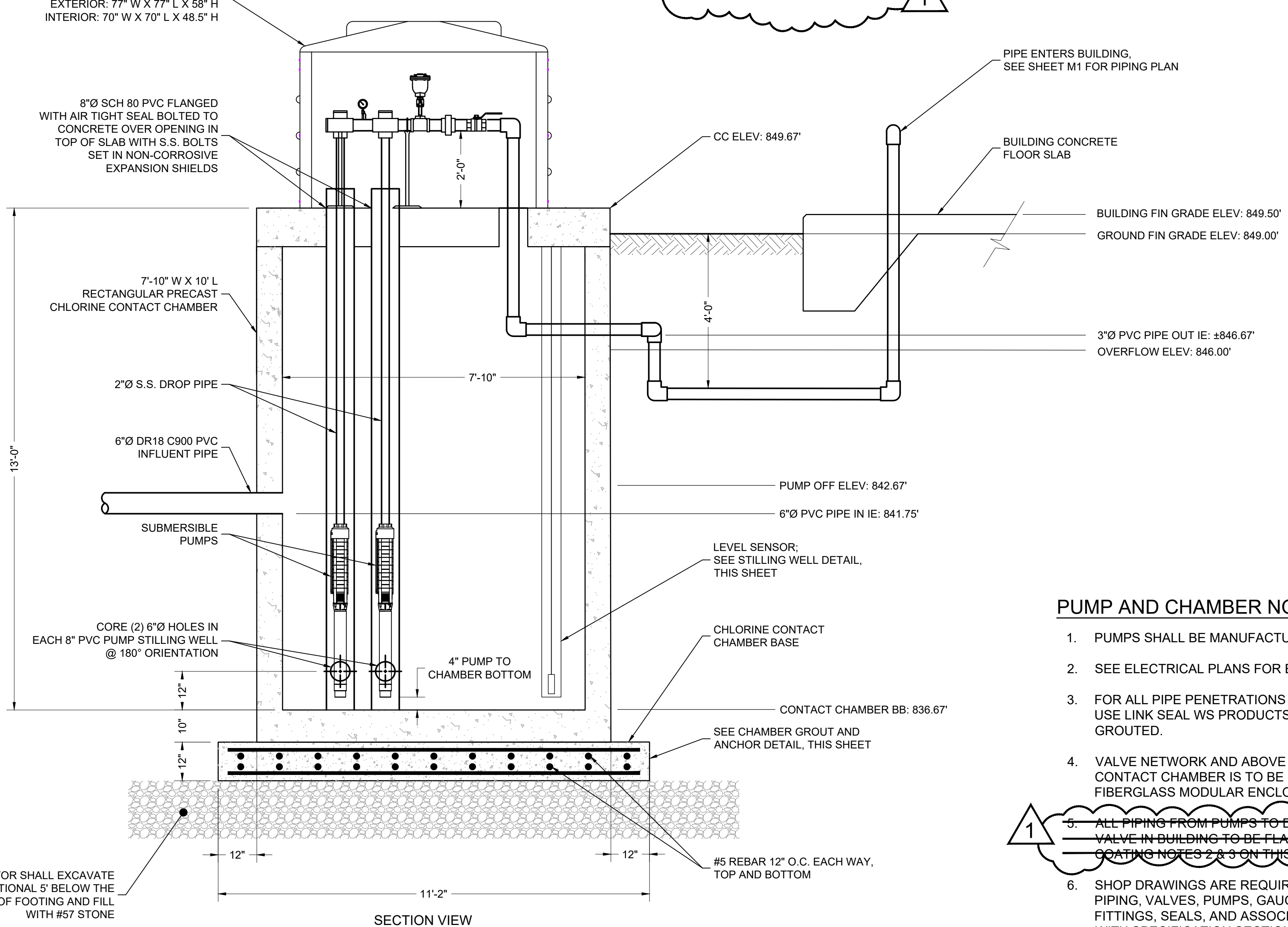
SHEET



CHAMBER GROUT AND ANCHOR DETAIL
SCALE: 1/2" = 1'-0"

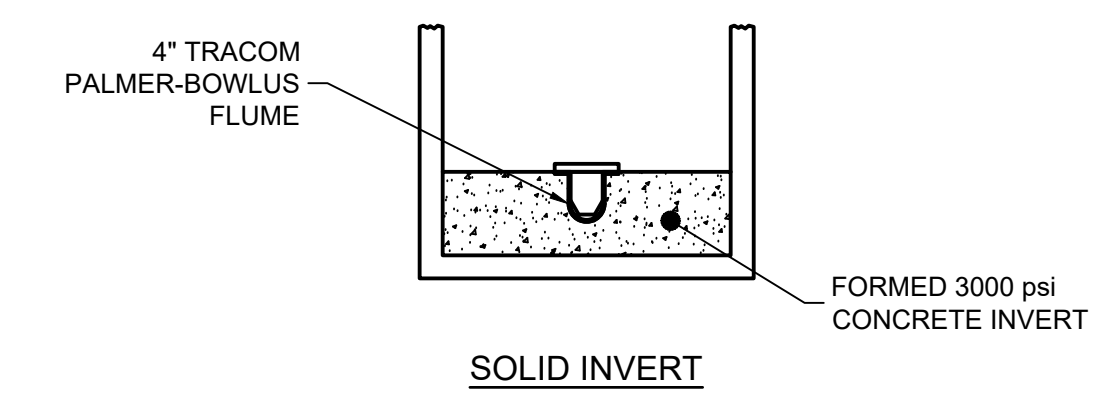
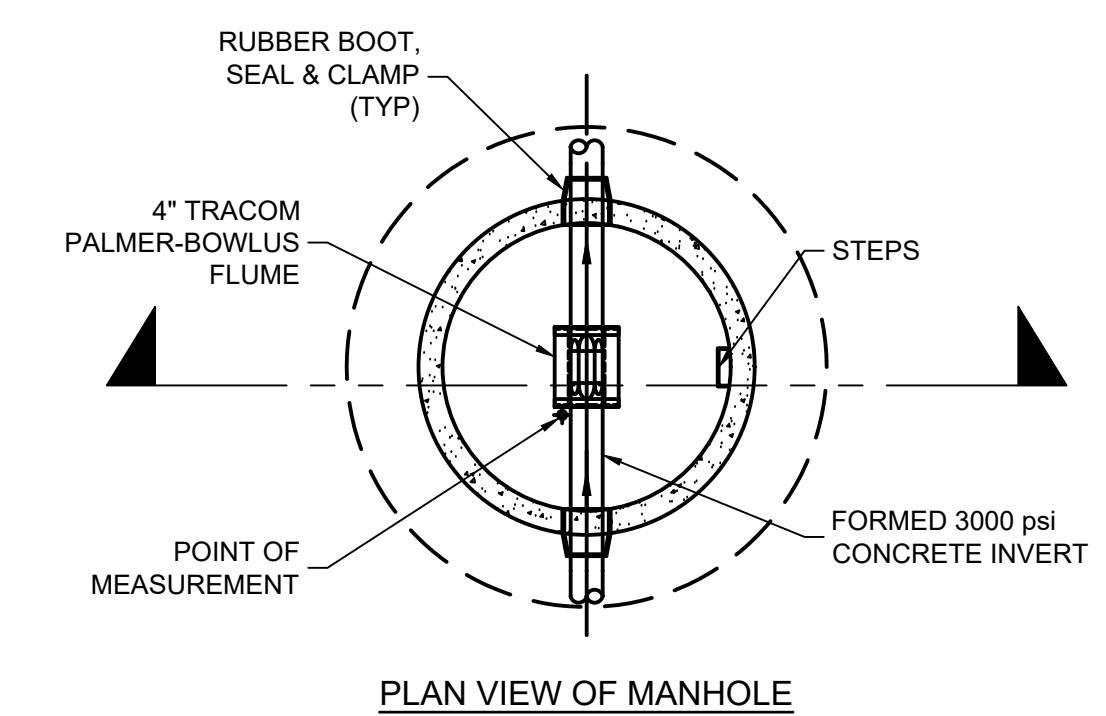


PRESSURE TRANSDUCER STILLING WELL DETAIL
NOT TO SCALE



PUMP AND CHAMBER NOTES

- PUMPS SHALL BE MANUFACTURED BY GRUNDFOS.
- SEE ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.
- FOR ALL PIPE PENETRATIONS THROUGH CONCRETE WALL USE LINK SEAL WS PRODUCTS. ALL LINK SEALS SHALL BE GROUTED.
- VALVE NETWORK AND ABOVE GROUND PIPING OVER CONTACT CHAMBER IS TO BE ENCLOSED IN TRACOM FIBERGLASS MODULAR ENCLOSURE.
- ALL PIPING FROM PUMPS TO DISCHARGE OF FINAL BALL VALVE IN BUILDING TO BE FLANGED D.I.P. AND COATED. SEE COATING NOTES 2 & 3 ON THIS SHEET.
- SHOP DRAWINGS ARE REQUIRED ON ALL STRUCTURES, PIPING, VALVES, PUMPS, GAUGES, HATCHES, HOISTS, FITTINGS, SEALS, AND ASSOCIATED ITEMS IN ACCORDANCE WITH SPECIFICATION SECTION 01300.
- PRECAST CONTACT CHAMBER SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C478.



5'Ø FLOW METER MANHOLE STA: 0+51
SCALE: NTS

CLEARWELL / CHLORINE CONTACT CHAMBER

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

ENGINEERING MANAGEMENT, INC. ALL RIGHTS RESERVED.	
DATE	DESCRIPTION
02/23/2026	A RELEASED FOR EFP TECHNICAL AND EROSION CONTROL REVIEW
02/27/2026	B RELEASE FOR BID
03/27/2026	C ADDENDUM NO. 1

ENGINEERING MANAGEMENT
Civil and Environmental Engineers
303 Swanson Drive, Lawrenceville, GA 30043
phone: 770-962-1387 fax: 770-962-8010
www.eminc.biz

OAK STREET SPRING IMPROVEMENTS FOR THE CITY OF STATHAM BARROW COUNTY, GEORGIA

CONTACT CHAMBER, PUMP, AND CHEMICAL DETAILS
SHEET TITLE
DESIGN BY: GKB
LMT
DRAWN BY: GKB
CHECKED BY: GKB

STAMP
DATE: 1/29/2026
JOB NUMBER: 24012

M2

REVISION

SHEET

PATH & FILE: Z:\PROJECTS\24012\Statham Possible Water Spring System Eval\Bld Phase\BPT\Released for Bldg\24012 Base Release for Bid Addendum No. 1

INTERIOR EQUIPMENT

1. FLUORIDE SATURATOR SHALL BE BY LMI AND SHALL INCLUDE: 50 GALLON TANK & TANK COVER WITH SATURATOR COMPONENTS, INCLUDING SOLENOID VALVE, SIPHON BREAKER, AND LIQUID LEVEL SWITCH.
2. ALL CHEMICAL FEED PUMPS (FOUR TOTAL) SHALL BE GRUNDFOS DDE 6-10 B-PV/T/C-X-311003BG WITH A MAX DOSING CAPACITY OF 6 L/Hr. PUMP SHALL INCLUDE INSTALLATION SET & MOUNTING BRACKET. 1 PUMP EACH FOR SODIUM HYPOCHLORITE. PUMPS SHALL BE MOUNTED DIRECTLY TO THE WALL ABOVE USING THE INCLUDED MOUNTING BRACKET. CONTACT OWNER OR OWNER'S ENGINEER FOR EXACT LOCATION OF EACH PUMP. FEED PUMPS SHALL BE CONTROLLED AS OUTLINED ON SHEET E3.

CHEMICAL FEED LINES

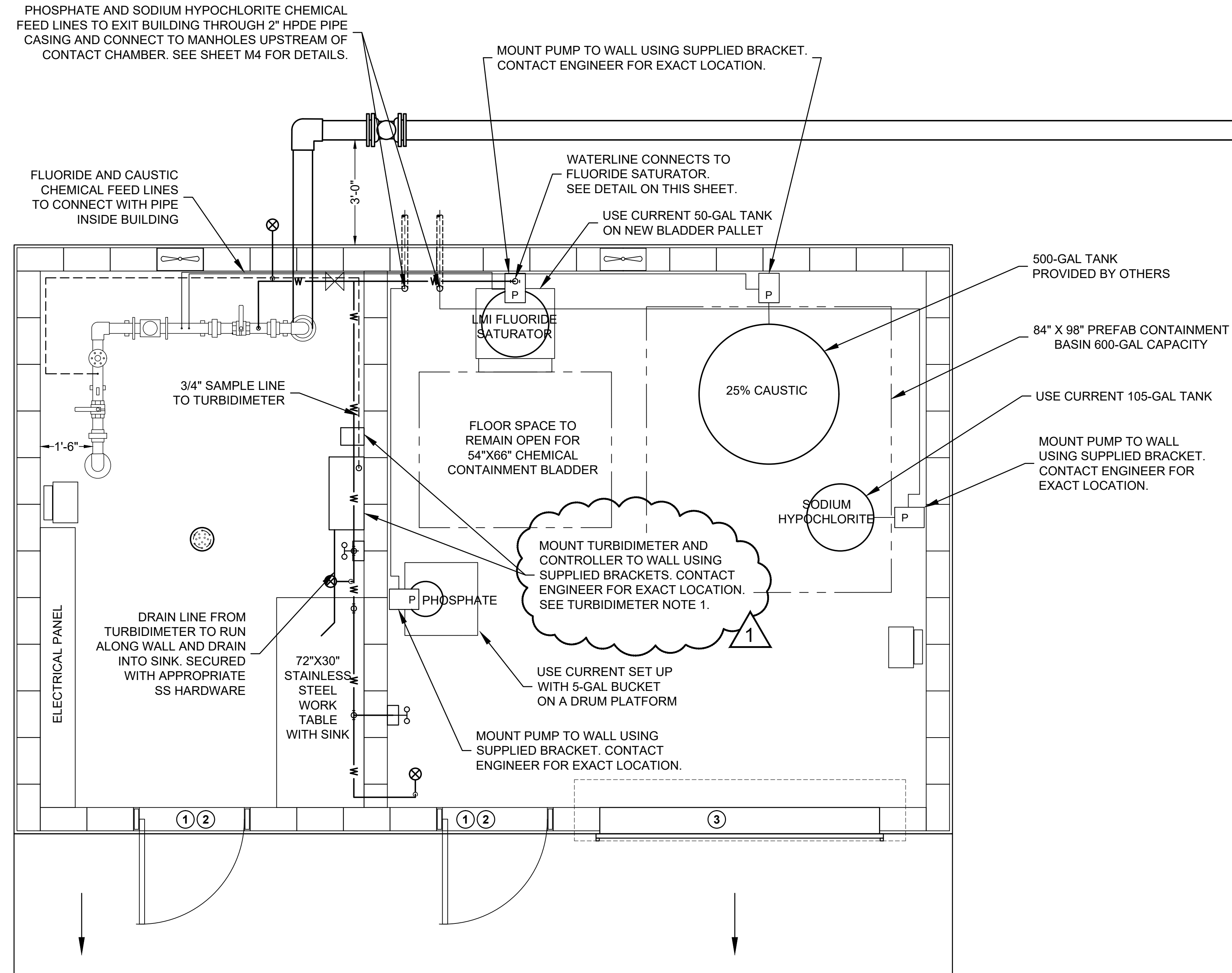
1. TUBING FOR CHEMICAL FEED PUMPS SHALL BE 3/8" HIGH DENSITY POLYETHYLENE PLASTIC TUBING EFFLUENT LINES THAT CONNECT TO THE 1/2" SCHEDULE 80 LINES MOUNTED TO THE INSIDE WALL. THE 1/2" SCHEDULE 80 LINES RUN ALONG THE WALLS TO ABOVE THE INJECTION PORTS. 3/8" HIGH DENSITY POLYETHYLENE PLASTIC TUBING SHALL RUN FROM THE WALL MOUNTED PVC PIPE TO THE INJECTION VALVE/QUILL ASSEMBLY AT EACH INJECTION PORT.
2. PHOSPHATE AND SODIUM HYPOCHLORITE CHEMICAL FEED LINES ARE TO EXIT THE BUILDING THROUGH A 1/2" FLEXIBLE BRAIDED PVC LINE TO CONNECT TO THE CHEMICAL INJECTION MANHOLES UPSTREAM OF THE TREATMENT SYSTEM.
3. EMERGENCY EYEWASH (WALL MOUNTED); WALL MOUNTED EYEWASH STATION SHALL INCLUDE NYLON HOSE, MIN. 8 FOOT LONG, THAT CAN REMAIN STATIONARY IN RACKET OR DETACHED AND USED AS A DRENCH HOSE. GUARDIAN MODEL NO G5026 EYEWASH/DRENCH HOSE, WALL MOUNTED. INSTALL PER MANUFACTURERS REQUIREMENTS. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

CHEMICAL PIPING SIGNAGE NOTES:

1. ALL CHEMICAL PIPING SHALL BE LABELED IN EACH ROOM WITH CHEMICAL NAME AND FLOW DIRECTION ARROW PER SPECIFICATION 09900.
2. ALL PROCESS AND CHEMICAL PIPING SHALL BE PAINTED PER SECTION 09900 WITH COLOR PER PROCESS OR CHEMICAL TYPE

TURBIDIMETER NOTES:

1. TURBIDIMETER SHALL BE WIRED SUCH THAT EXCEEDING A SET NTU VALUE WILL SHUT OFF THE SUBMERSIBLE. THE TURBIDIMETER SHALL ALSO BE WIRED TO THE SCADA SYSTEM FOR MONITORING AND NTU RECORDING.
2. SEE SPECIFICATION SECTION 13421 FOR ADDITIONAL INFORMATION.



CHEMICAL FEED PLAN

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

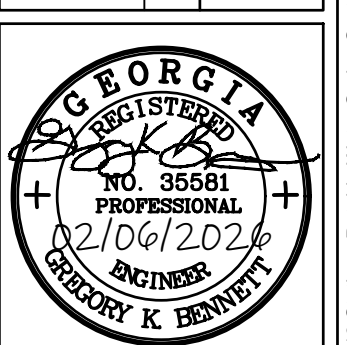
© 1999 EMMI, INC. ALL RIGHTS RESERVED.
 THESE CONSTRUCTION DOCUMENTS AND ANY INSTRUMENTS OF SERVICE SHALL BE THE PROPERTY OF EMMI, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF EMMI, INC.

DATE	NO.	DESCRIPTION
02/23/2026	A	RELEASED FOR EPD TECHNICAL AND EROSION CONTROL REVIEW
02/27/2026	B	RELEASE FOR BID
03/27/2026	C	ADDENDUM NO. 1

EMI ENGINEERING MANAGEMENT
 Experience Trust Solutions
Civil and Environmental Engineers
 303 Swanson Drive, Lawrenceville, GA 30043
 phone: 770-962-1387 fax: 770-962-8010
 www.emmi.biz

OAK STREET SPRING IMPROVEMENTS FOR THE CITY OF STATHAM BARROW COUNTY, GEORGIA

CHEMICAL FEED DETAILS	DESIGN BY	DRAWN BY	CHECKED BY
SHEET TITLE	GKB	LMT	GKB



STAMP

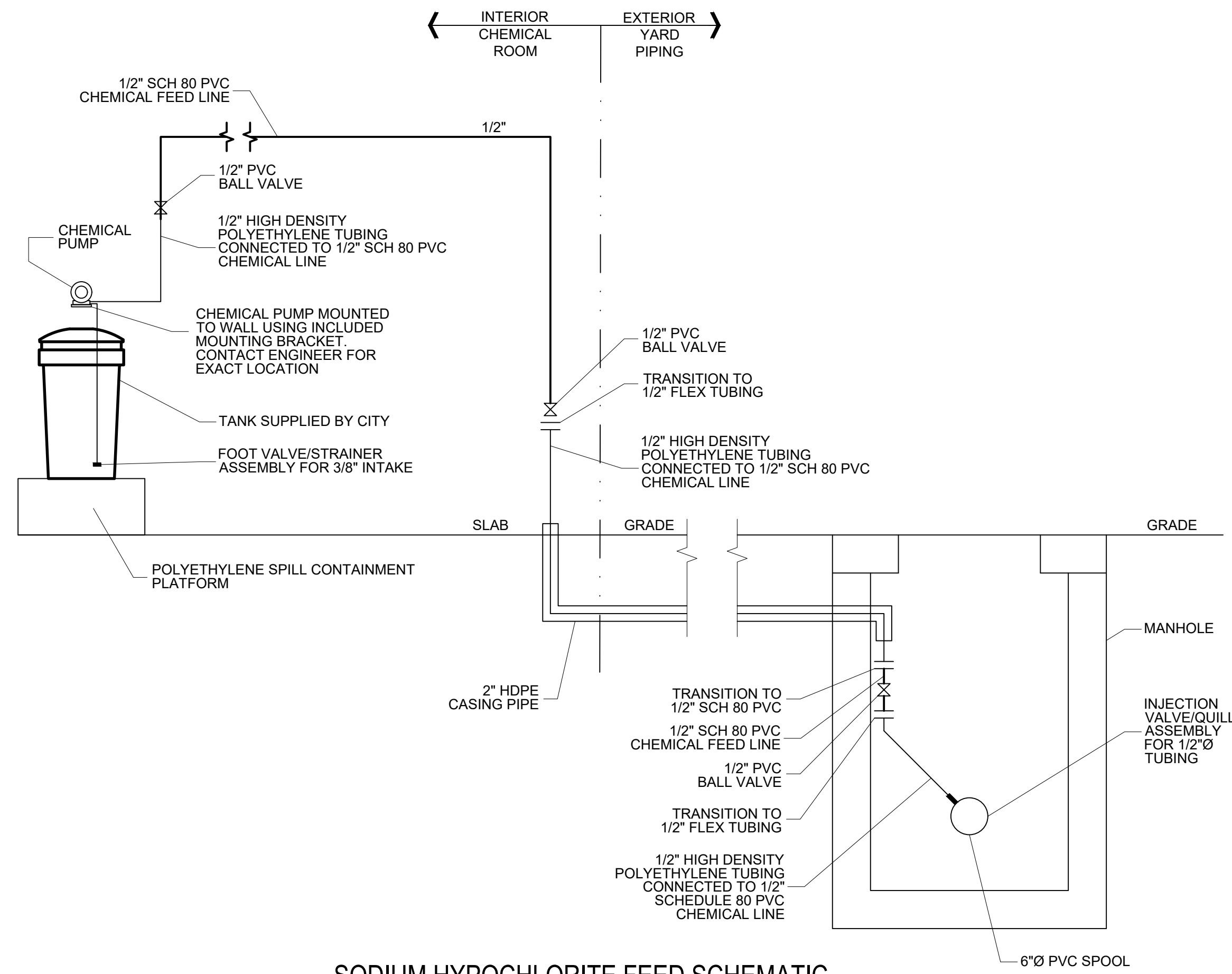
1/29/2026
 DATE
 24012
 JOB NUMBER

M3

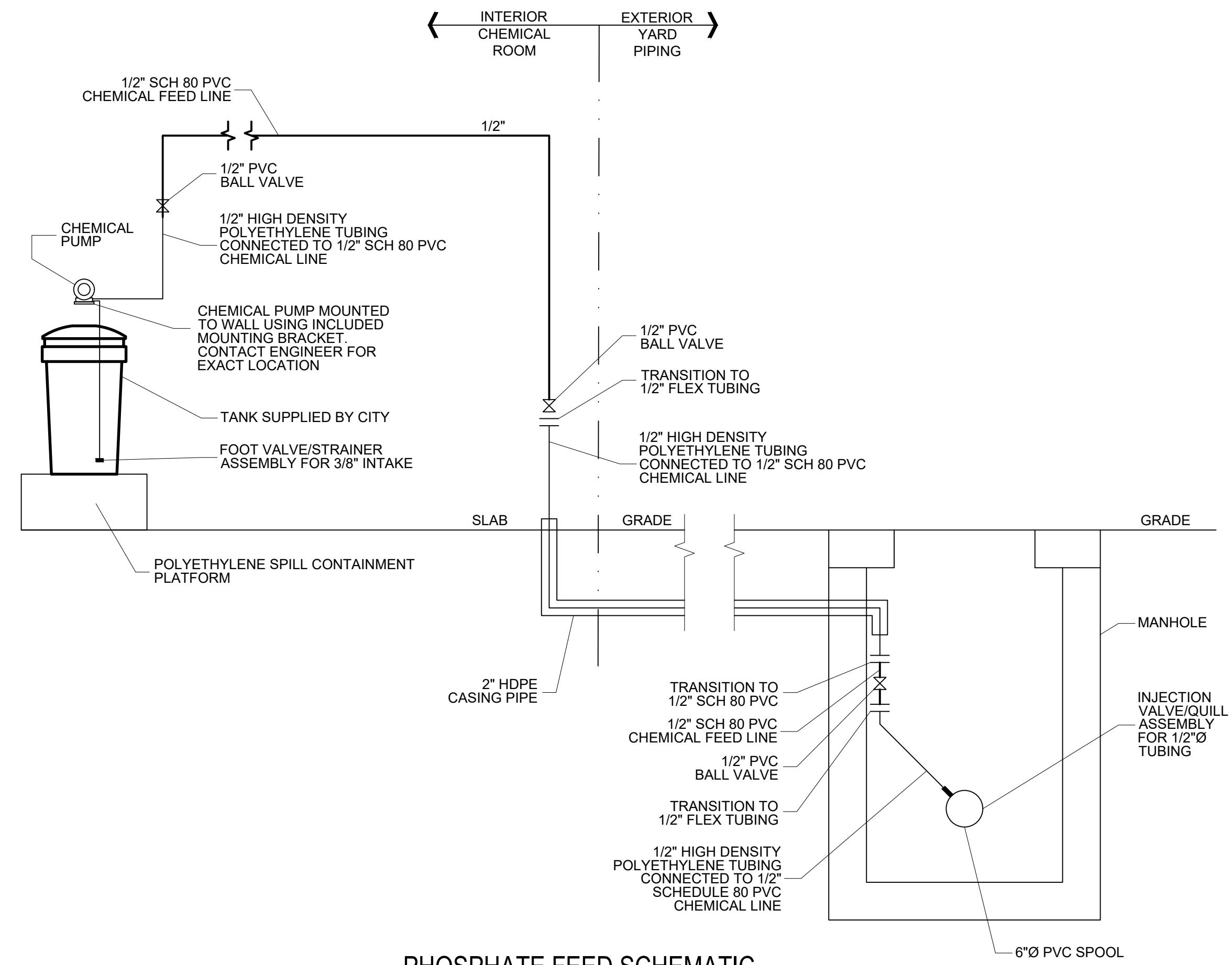
REVISION

PATH & FILE: Z:\PROJECTS\24012 Statham Possible Water System Eval\Bld Phase\BPT-Released for Bldg\24012 Base Release for Bid Addendum No. 1

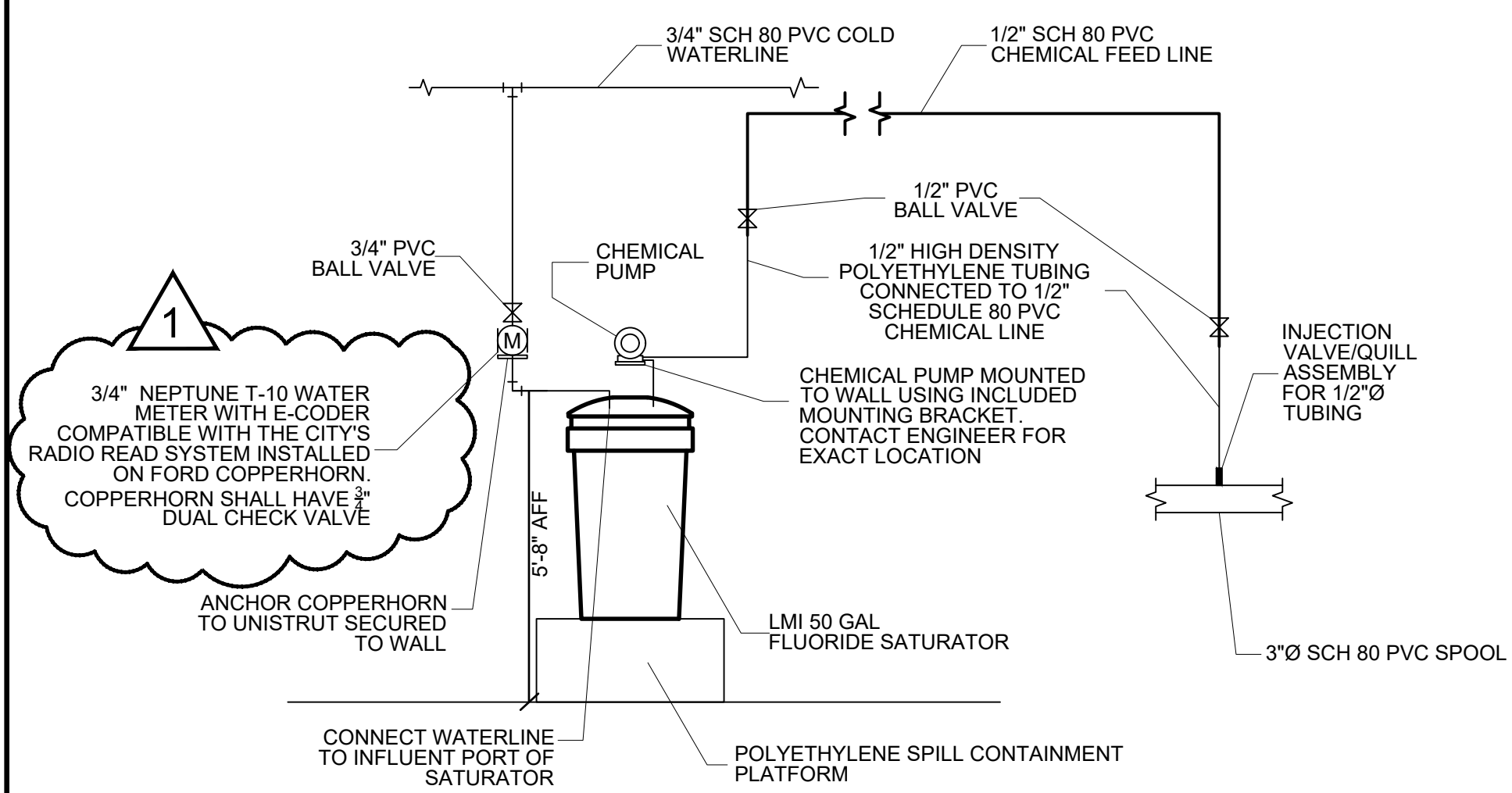
SHEET



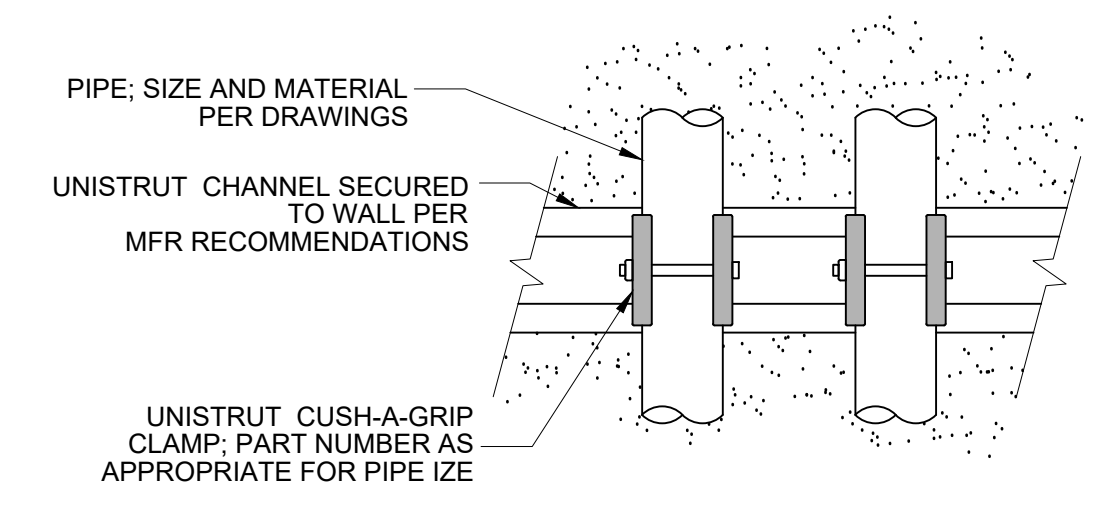
SODIUM HYPOCHLORITE FEED SCHEMATIC
NOT TO SCALE



PHOSPHATE FEED SCHEMATIC
NOT TO SCALE



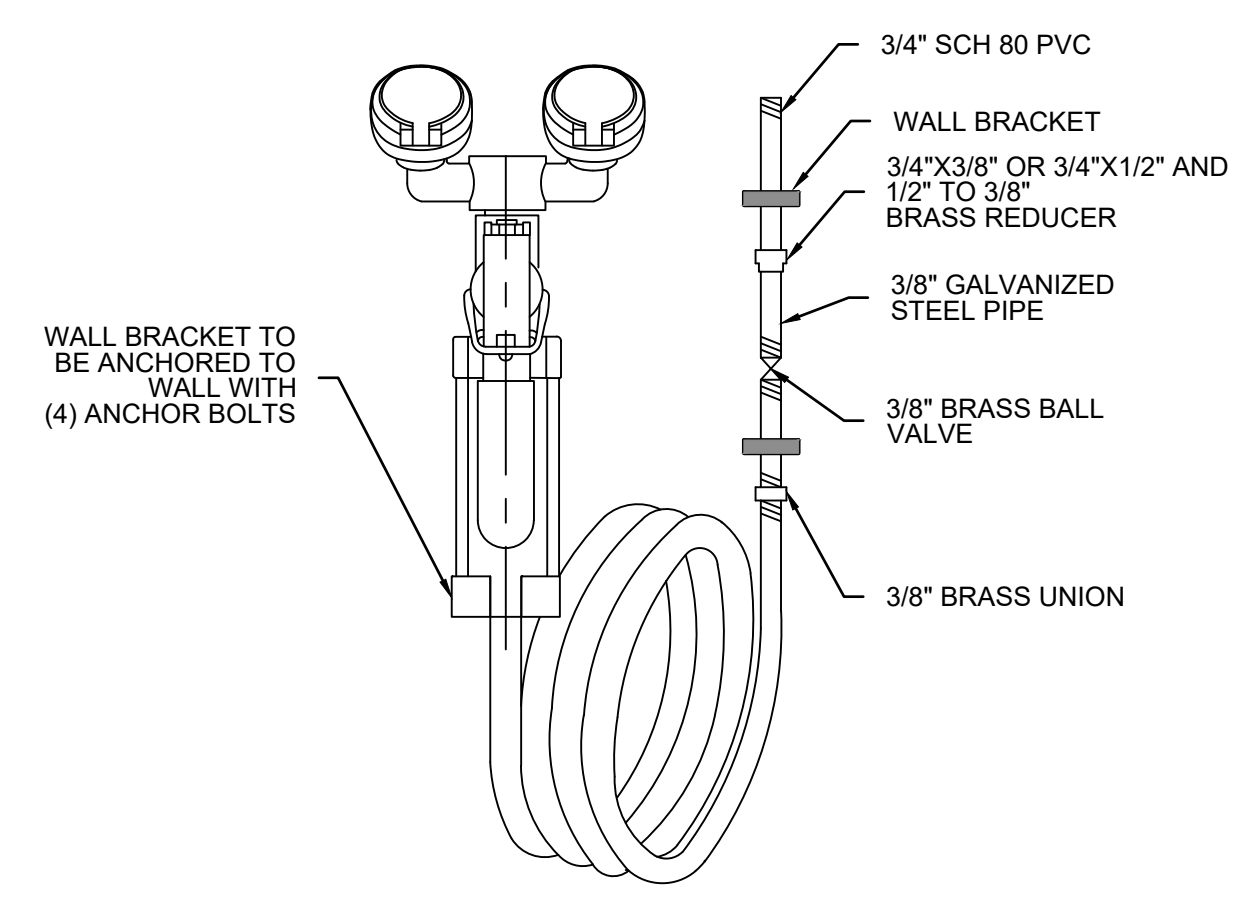
FLUORIDE FEED SCHEMATIC
NOT TO SCALE



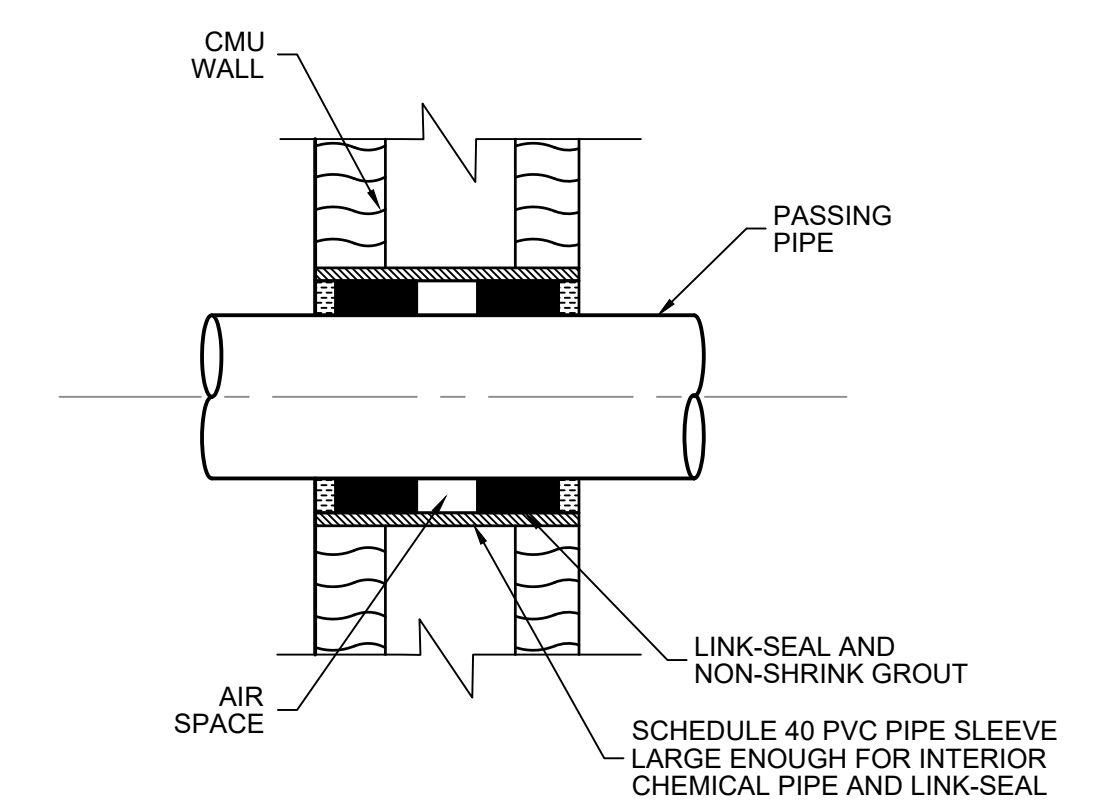
PIPE WALL ANCHOR ELEVATION VIEW
NOT TO SCALE

EMERGENCY EYEWASH (WALL MOUNTED)

WALL MOUNTED EYEWASH STATION SHALL INCLUDE NYLON HOSE, MIN. 8 FOOT LONG, THAT CAN REMAIN STATIONARY IN BRACKET OR DETACHED AND USED AS A DRENCH HOSE. GUARDIAN MODEL NO G5028 EYEWASH/DRENCH HOSE, WALL MOUNTED. INSTALL PER MANUFACTURERS REQUIREMENTS. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.



EYEWASH/DRENCHING HOSE
NTS



CHEMICAL CONTAINMENT WALL PIPE

SCALE: NTS

© 1989 E.M.I. ENGINEERING MANAGEMENT, INC. ALL RIGHTS RESERVED.
THESE CONSTRUCTION DOCUMENTS AND ANY INSTRUMENTS OF SERVICE ARE THE PROPERTY OF E.M.I. ENGINEERING MANAGEMENT, INC. AND SHALL REMAIN THE PROPERTY OF E.M.I. ENGINEERING MANAGEMENT, INC. NO PART OF THESE DOCUMENTS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF E.M.I. ENGINEERING MANAGEMENT, INC.

DATE	NO.	DESCRIPTION
02/23/2026	A	RELEASED FOR EPD TECHNICAL AND EROSION CONTROL REVIEW
02/27/2026	B	RELEASE FOR BID
03/27/2026	C	ADDENDUM NO. 1

E.M.I. ENGINEERING MANAGEMENT
Civil and Environmental Engineers
303 Swanson Drive, Lawrenceville, GA 30043
phone: 770-962-1387 fax: 770-962-8010
www.eminc.biz

OAK STREET SPRING IMPROVEMENTS FOR THE CITY OF STATHAM BARROW COUNTY, GEORGIA

CHEMICAL FEED SCHEMATICS	SHEET TITLE	GKB
DESIGN BY	LMT	GKB
DRAWN BY		
CHECKED BY		

STAMP
PROFESSIONAL ENGINEER
NO. 35381
02/06/2026
CHRISTOPHER K. HENNING

1/29/2026
DATE
24012
JOB NUMBER

M4

REVISION

PATH & FILE: Z:\PROJECTS\24012 Statham Possible Water Spring System Eval\BID Phase\BPT-Released for Bids\24012 Base Release for Bid Addendum No. 1

SHEET