

## COMMISSION MEMBERS

EXECUTIVE DIRECTOR

MATTHEW C FRAZIER  
GSWCC LEVEL L2  
DESIGN PROFESSIONAL  
CERTIFICATION #  
0000085563  
EXPIRES : 10/13/2027



VICINITY MAP  
SCALE: 1" = 2000'

J-30798.0000 EXIL 27 WATER TRODUCION FACILITY &  
02/03/2025 ELEVATED STORAGE TANK; DIVISION II REBID

50 Park of Commerce Way  
Savannah, GA 31405  
p.912.234.5300  
[www.thomasandhutton.com](http://www.thomasandhutton.com)

GENERAL NOTES:

1. TOPOGRAPHIC INFORMATION FOR EXIT 29 WPF & ELEVATED STORAGE TANK IS BASED ON SURVEY PERFORMED BY THOMAS & HUTTON IN AUGUST 2023. AVAILABLE RESOURCES INCLUDING AERIAL PHOTOGRAPHY, LIDAR AND GIS DATA COLLECTED BY THOMAS & HUTTON. ALL RIGHT-OF-WAY, ROADWAY, SANITARY SEWER, WATER MAIN, AND GAS MAIN LOCATIONS AS SHOWN ARE APPROXIMATE AND ARE BASED ON THE REFERENCED INFORMATION. THOMAS & HUTTON HAS PERFORMED NO FIELD INVESTIGATIONS TO VERIFY SITE CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND OTHER SALIENT FEATURES PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES.
3. ALL ELEVATIONS REFER TO NAVD 88.
4. THE CONTRACTOR SHALL PROTECT AND SAVE ALL SPECIMEN TREES AND/OR ANY TREE DESIGNATED ON THE PLANS OR BY THE OWNER. CONTRACTOR TO PROTECT AND SAVE TREES BY INSTALLING 4 FOOT HIGH TEMPORARY ORANGE CONSTRUCTION FENCE AROUND THE TREE. FENCING SHALL CONFORM TO THE TREE PROTECTION DETAILS AS SHOWN.
5. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH LOCAL UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND ANY NECESSARY REPAIRS TO EXISTING UTILITY LINES.
6. THE CONTRACTOR WILL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
7. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY BRACING, SHEETING AND DEWATERING TO COMPLETE THE PROJECT, PROTECT THE CONSTRUCTION WORKERS AND ALL ADJACENT STRUCTURES, TREES, LANDSCAPING, AND IS RESPONSIBLE FOR ALL REPAIR AND COST TO RETURN AREA TO ORIGINAL CONDITION OR BETTER.
8. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES BEFORE BEGINNING ANY CONSTRUCTION (1-800-282-7411 OR 811).
9. ALL UTILITY POLES ADJACENT TO PROPOSED CONSTRUCTION MUST BE SECURED PRIOR TO ANY ADJACENT DISTURBANCE AND THE CONSTRUCTION PROCEDURE MUST BE ACCEPTABLE TO THE UTILITY COMPANY.
10. CONTROL OF STORMWATER THROUGHOUT THE CONSTRUCTION PERIOD, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE EXISTING DRAINAGE CONVEYANCES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. ALL PENALTIES, CLAIMS AND FEES IMPOSED ON THE OWNER AS A RESULT OF DAMAGE CAUSED BY ACTIONS OF THE CONTRACTOR, THEIR EMPLOYEES OR SUBCONTRACTORS SHALL BE BORNE IN FULL BY THE CONTRACTOR.
11. ALL SUITABLE MATERIAL EXCAVATED DURING UTILITY CONSTRUCTION SHALL BE USED ON SITE. ANY EXCESS MATERIAL SUITABLE OR UNSUITABLE SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE.
12. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES BEFORE WORK COMMENCES, VERIFY UTILITIES WITHIN THE PROJECT LIMITS AND NOTIFY THE ENGINEER OF CONFLICTS OR VARIANCES TO THE PLANS PRIOR TO BEGINNING WORK OR PURCHASE OF MATERIALS.
13. IT IS THE OBLIGATION OF THE CONTRACTOR TO MAKE THEIR OWN INTERPRETATION OF ALL SURFACE AND SUBSURFACE DATA AVAILABLE AS TO THE NATURE AND EXTENT OF THE MATERIALS TO BE EXCAVATED, WASTED, GRADED, AND COMPACTED. THE INFORMATION SHOWN ON THESE PLANS IN NO WAY GUARANTEES THE AMOUNT OR NATURE OF THE MATERIAL TO BE ENCOUNTERED.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL DEVICES AND MEASURES AS NECESSARY TO MEET THE REQUIREMENTS OF THE GEORGIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (GA MUTCD). CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO OWNER AND ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING AN ENCROACHMENT PERMIT FROM GLYNN COUNTY. THIS APPLICATION SHALL BE PRODUCED IN ACCORDANCE WITH GDOT'S "REGULATIONS FOR DRIVEWAY & ENCROACHMENT CONTROL MANUAL."
15. ALL WORK SHALL CONFORM TO APPLICABLE STATE, COUNTY AND MUNICIPAL REQUIREMENTS AND CODES.
16. THE CONTRACTOR SHALL COORDINATE DEMOLITION AND IMPROVEMENTS TO MINIMIZE TRAFFIC INTERFERENCE AND OPERATIONS OF FACILITIES.
17. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN AN ACCEPTABLE WASTE DISPOSAL AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL CONSTRUCTION DEBRIS.
18. ALL STORM DRAIN JOINTS ARE TO BE WRAPPED IN FILTER FABRIC.
19. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION UNTIL THE PROPER PERMITS HAVE BEEN ISSUED.
20. ALL WATER MAINS, FORCE MAINS AND GRAVITY SEWER SHALL HAVE A MINIMUM OF 3 FEET OF COVER MEASURED FROM FINISHED GRADE EXCEPT WHERE OTHERWISE NOTED ON THE PLANS.
21. MAINTAIN A 10' HORIZONTAL SEPARATION BETWEEN ALL SANITARY SEWERS AND ALL WATER MAINS. WHERE THIS SEPARATION CANNOT BE MAINTAINED, OR WHERE LINES CROSS, PROVIDE A 18" MINIMUM VERTICAL SEPARATION BETWEEN THE OUTSIDE OF THE PIPES. IF THESE REQUIREMENTS CANNOT BE MET, PROPOSED WATERLINE SHALL BE ENCASED WITH DUCTILE IRON PIPE UNTIL REQUIREMENTS ARE MET.
22. ALL MANHOLE TOPS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE AND SET MANHOLE TOPS RELATIVE TO FINISHED GRADES AS SHOWN ON THE PLANS.
23. ANY DEFECTIVE, DAMAGED, OR UNSOUND PIPE SHALL BE REJECTED. ALL FOREIGN MATTER OR DIRT SHALL BE REMOVED FROM INSIDE OF PIPE BEFORE IT IS LOWERED INTO ITS POSITION IN THE TRENCH AND SHALL BE KEPT CLEAN BY ACCEPTED MEANS DURING AND AFTER LAYING. CARE SHALL BE TAKEN TO PREVENT DIRT FROM ENTERING THE JOINT SPACE. AT TIMES WHEN PIPE LAYING IS NOT IN PROGRESS THE ENDS OF THE PIPE SHALL BE CLOSED BY ACCEPTED MEANS AND NO TRENCH WATER SHALL BE PERMITTED IN THE PIPE.
24. ALL PVC SANITARY SEWER PIPE AND PVC FORCE MAIN PIPE SHALL BE GREEN IN COLOR. ALL PVC WATER MAIN PIPE SHALL BE BLUE IN COLOR. ALL PVC RELAIED WATER PIPE SHALL BE PURPLE IN COLOR.
25. TREE PROTECTION BARRICADES, IF REQUIRED, SHALL BE INSTALLED PRIOR TO ANY CLEARING ACTIVITY AND MAINTAINED UNTIL INSTRUCTED BY THE OWNER OR ENGINEER TO REMOVE THEM.
26. DURING INSTALLATION, WHEN PIPE LAYING IS NOT IN PROGRESS, A MECHANICAL JOINT PLUG OR CAP, OR ACCEPTED EQUIVALENT WILL BE USED TO FORM A WATERTIGHT SEAL AT BOTH ENDS OF THE LINE BEING LAID.
27. A #10 GAUGE INSULATED SINGLE STRAND COPPER WIRE SHALL BE STRAPPED TO ALL WATER AND SEWER PIPES. FOR RECLAIMED WATER PIPE USE #10 GAUGE INSULATED SINGLE STRAND COPPER WIRE, PURPLE IN COLOR.

STATE LAW REQUIRES  
72 HRS. NOTICE  
1-800-282-7411



Know what's below.  
Call before you dig.

28. DISCHARGE OF HIGHLY CHLORINATED WATER INTO SURROUNDING AREAS OR STORM DRAINAGE SYSTEM IS PROHIBITED. DISPOSAL OF HIGHLY CHLORINATED WATER SHALL COMPLY WITH THE REQUIREMENTS OF GEORGIA E.P.D. AND AWWA STANDARD C651, LATEST REVISION. IF REQUIRED BY THE ENGINEER, A REDUCING AGENT SHALL BE USED TO NEUTRALIZE THE CHLORINE AT NO ADDITIONAL COST TO OWNER.
29. ALL SIGNS, MAIL BOXES, SHRUBBERY, FENCES, LANDSCAPING OR EXISTING STRUCTURES INTERFERING WITH CONSTRUCTING SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
30. "AS-BUILT" DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR BASED ON A "RECORD SURVEY" OF CONSTRUCTED UTILITIES AND APPURTENANCES. THE RECORD SURVEY MUST BE COMPLETED AND SIGNED BY A REGISTERED LAND SURVEYOR. THE CONTRACTOR SHALL PROVIDE A SET OF "MARKED UP" AS BUILT DRAWINGS AS WELL AS A FLASH DRIVE CONTAINING THE AS BUILT INFORMATION IN ELECTRONIC FORM. AT A MINIMUM THE AS BUILT INFORMATION AND RECORD SURVEY SHALL INCLUDE VALVE AND BOX LOCATIONS, FRAME AND INVERT ELEVATIONS, THE LOCATIONS OF MANHOLES, WATER PIPES, SEWER PIPES, FITTINGS, RIP-RAP, SLEEVES, PAVING AND GRAVEL REPLACEMENT, STORM SEWER REPLACEMENT AND ALL OTHER CONSTRUCTION INSTALLATIONS.
31. ALL MATERIALS USED AND COME INTO CONTACT WITH DRINKING WATER DURING ITS DISTRIBUTION SHALL NOT ADVERSELY AFFECT DRINKING WATER QUALITY AND PUBLIC HEALTH AND MUST BE CERTIFIED FOR CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION STANDARD 61 (ANSI/NSF STANDARD 61).
32. UNDERGROUND UTILITIES ARE SHOWN ON PLANS ONLY WHERE THEY MAY BE CLOSE TO CONSTRUCTION ACTIVITY. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION ACTIVITIES.
33. ALL CONSTRUCTION WATER SHALL BE METERED THROUGH AN ACCEPTABLE HYDRANT METER AND BACKFLOW DEVICE OBTAINED FROM THE BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION (BGJWSC).
34. THE PROPERTY LINES AND RIGHT-OF-WAY LINES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND ARE FOR INFORMATION ONLY. THEY HAVE NOT BEEN VERIFIED BY A PROPERTY SURVEY OR THOMAS & HUTTON.
35. ALL DISTURBED AREAS SHALL BE GRASSED WITH TEMPORARY SEEDING AND HYDROMULCHED IMMEDIATELY AFTER GRADING IS COMPLETE. THESE AREAS SHALL BE REGRASSED WITH HYDROMULCH AFTER CONSTRUCTION IS COMPLETE.
36. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
37. THE CONTRACTOR SHALL IMMEDIATELY REPAIR EXISTING WATER & SEWER SERVICES DAMAGED DURING CONSTRUCTION AT THE CONTRACTORS EXPENSE.
38. ALL CONNECTIONS TO THE EXISTING WATER AND SEWER SYSTEMS SHALL BE COORDINATED WITH THE BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION (BGJWSC). THE CONTRACTOR SHALL CONTACT THE BGJWSC 24-HOUR CONTACT PERSON IDENTIFIED ON THE COVER A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION ACTIVITIES.
39. THE BGJWSC RESERVES FIRST RIGHT OF SALVAGE FOR ALL EQUIPMENT REMOVAL AT EACH SITE.
40. THE BGJWSC WILL RETAIN SALVAGE RIGHTS TO ALL MATERIALS AND EQUIPMENT RETAINED BY THE BGJWSC SHALL BE DELIVERED TO A PLACE DESIGNATED BY THE BGJWSC REPRESENTATIVE. ANY MATERIALS OR EQUIPMENT NOT RETAINED BY THE BGJWSC SHALL BE REMOVED FROM SITE AND DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH APPLICABLE REGULATION.
41. CONTRACTOR MUST PROVIDE ASSET INFORMATION IN A SPREADSHEET FOR ASSETS PURCHASED ON A SINGLE LINE ITEM COSTING \$500 OR MORE. THE SPREADSHEET WILL BE USED TO UPDATE THE RECORDS IN THE BGJWSC ASSET MANAGEMENT DATABASE TO REFLECT EQUIPMENT IN THE PROJECT SITE.
42. CONTRACTOR SHALL CONSULT GEOTECHNICAL REPORT AND ESA REPORT DURING CONSTRUCTION AND ANY AND ALL DESIGN.
43. ALL DOOR HARDWARE LOCK ASSEMBLY IS TO BE RE-KEYED TO FIT THE WATER PRODUCTION MASTER KEY. CONTRACTOR IS TO PROVIDE TWO (2) SPARE KEYS PER ASSEMBLY SET.
44. THIS PROJECT INCLUDES PUBLICLY OWNED WATER AND WASTEWATER FACILITIES. THESE FACILITIES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST VERSION OF THE JWSC DESIGN & CONSTRUCTION STANDARDS AND WILL BE DEDICATED TO THE BGJWSC FOR OWNERSHIP, OPERATION, AND MAINTENANCE RESPONSIBILITY.

DIVISIONS:

THE WORK HAS BEEN DIVIDED INTO THREE (3) DIVISIONS AND CAN BE GENERALLY DESCRIBED AS:

- DIVISION I: WELL TREATMENT, PUMP/CONTROL BUILDING, & 200,000 GALLON GROUND WATER STORAGE TANK:
  - A 200,000-GALLON PRE-STRESSED CONCRETE GROUND WATER STORAGE TANK,
  - A TWO (2) PUMP WATER PRODUCTION FACILITY
  - SITE PIPING AND GRADING
  - SITE PREPARATION, SELECTIVE DEMOLITION, PIPING, TANK DESIGN, PAINTING, CHLORINATION, ALL ELECTRICAL, SCADA, CONCRETE, AND OTHER ACCESSORIES AS SHOWN ON THE PLANS. WORK SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, APPURTENANCES AND INCIDENTALS

- DIVISION II: 500,000 GALLON ELEVATED WATER STORAGE TANK & FINISHED WATER EXTENSION:
  - A 500,000-GALLON ELEVATED WATER STORAGE TANK
  - APPROXIMATELY 1,100 LF OF 12" DISTRIBUTION PIPING
  - SITE PIPING AND GRADING
  - SITE PREPARATION, FENCE WORK, CLEARING AND GRUBBING, ACCESS ROUTES, PIPING, TANK DESIGN, PAINTING, ALL ELECTRICAL, SCADA, CONCRETE, AND OTHER ACCESSORIES AS SHOWN ON THE PLANS. WORK SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, APPURTENANCES AND INCIDENTALS

- DIVISION III: WATER DISTRIBUTION SYSTEM
  - APPROXIMATELY 200 LF OF OPEN CUT 8" PVC PIPING,
  - APPROXIMATELY 200 LF OF 8" HORIZONTAL DIRECTIONAL DRILL FPVC PIPING
  - ALL TRAFFIC CONTROL, SITE CLEARING AND RESTORATION, EARTHWORK, CONCRETE WORK, VALVES, AND APPURTENANCES INCIDENTAL TO COMPLETING THIS PROJECT. WORK SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, APPURTENANCES AND INCIDENTALS

DIVISIONS I AND III, ASSOCIATED WITH THE WATER PRODUCTION FACILITY AND MISCELLANEOUS PIPING WERE AWARDED ON JANUARY 16TH, 2025 BY BRUNSWICK-GLYNN COUNTY JOINT WATER AND SEWER COMMISSION. NO COORDINATION BETWEEN DIVISIONS I, II, AND III IS ANTICIPATED.

LEGEND:

- BENCHMARK
- BUSH
- CABLE BOX
- CHECK VALVE
- CLEAN OUT
- COMPUTED POINT (NO MONUMENT)
- CONC. MONUMENT FOUND
- CONTROL POINT
- CURB INLET MANHOLE
- ELECTRIC BOX
- ELECTRIC METER
- ELECTRIC MANHOLE
- EVERGREEN TREE
- FIRE HYDRANT
- FLAG POLE
- FLOOD LIGHT
- FLUSH VALVE
- GRATE INLET
- GUY WIRE
- IRRIGATION CONTROL VALVE
- IRON PIPE FOUND
- IRON REBAR FOUND
- IRON REBAR SET 5/8"
- UNDERGROUND UTILITY LINE MARKER
- LIGHT POLE
- MAIL BOX
- OAK TREE
- SWEET GUM TREE
- PINE TREE
- PALM TREE
- POST
- POWER POLE
- STORM DRAINAGE MANHOLE
- SPRINKLER HEAD
- SIGN
- SANITARY MANHOLE
- TELEPHONE BOX
- TELEPHONE MANHOLE
- TRAFFIC SWITCH BOX
- WELL
- WATER METER
- WATER MANHOLE
- WATER SPIGOT
- WATER VALVE
- WETLANDS

LINE-TYPE LEGEND (UTILITIES)

- 
- EXISTING WOODS LINE

HATCH PATTERN LEGEND

- 
- ASPHALT PAVEMENT

GENERAL NOTES

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA


CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.: VERT.:

JOB NO: 30998.0000  
DATE: 10/28/2024  
DRAWN: JGS  
DESIGNED: JGS  
REVIEWED: MCF  
APPROVED: MCF  
SCALE: NONE

G1.1

01	ISSUED FOR REBID			JGS	2/3/2025		
NO.	REVISIONS			BY	DATE		



TH

**THOMAS  
&  
HUTTON**

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300  
[www.thomasandhutton.com](http://www.thomasandhutton.com)

EXISTING CONDITIONS

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EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

---


PROJECT LOCATION:

GLYNN COUNTY  
GEORGIA


---

CLIENT/OWNER:

BRUNSWICK—GLYNN JOINT WATER & SEWER COMMISSION



6003060



GRAPHIC SCALE:  
1" = 60 FEET

DATUM: HORIZ.: NAD83VERT.: NAVD88

JOB NO: 30998.0000

DATE: 10/28/2024

DRAWN: JGS

DESIGNED: JGS

REVIEWED: MCF

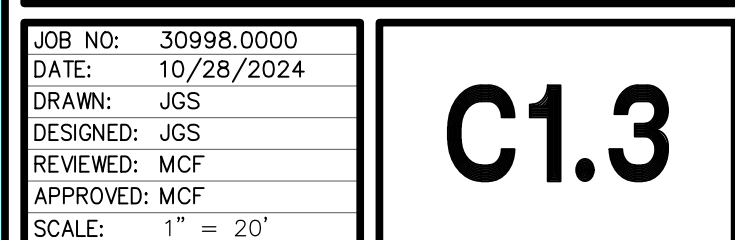
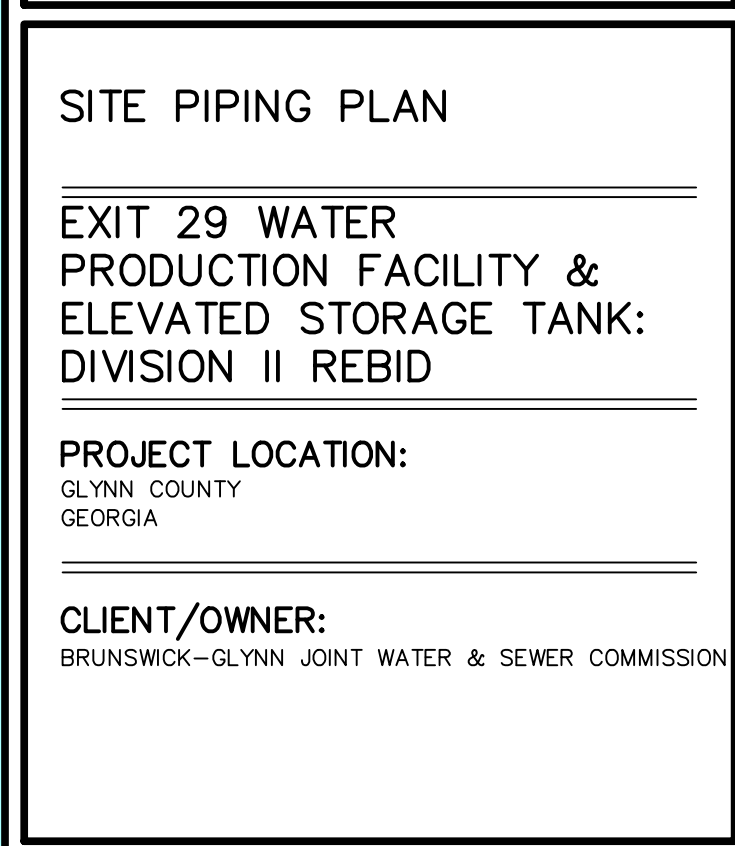
APPROVED: MCF

SCALE: 1" = 60'

C1.0

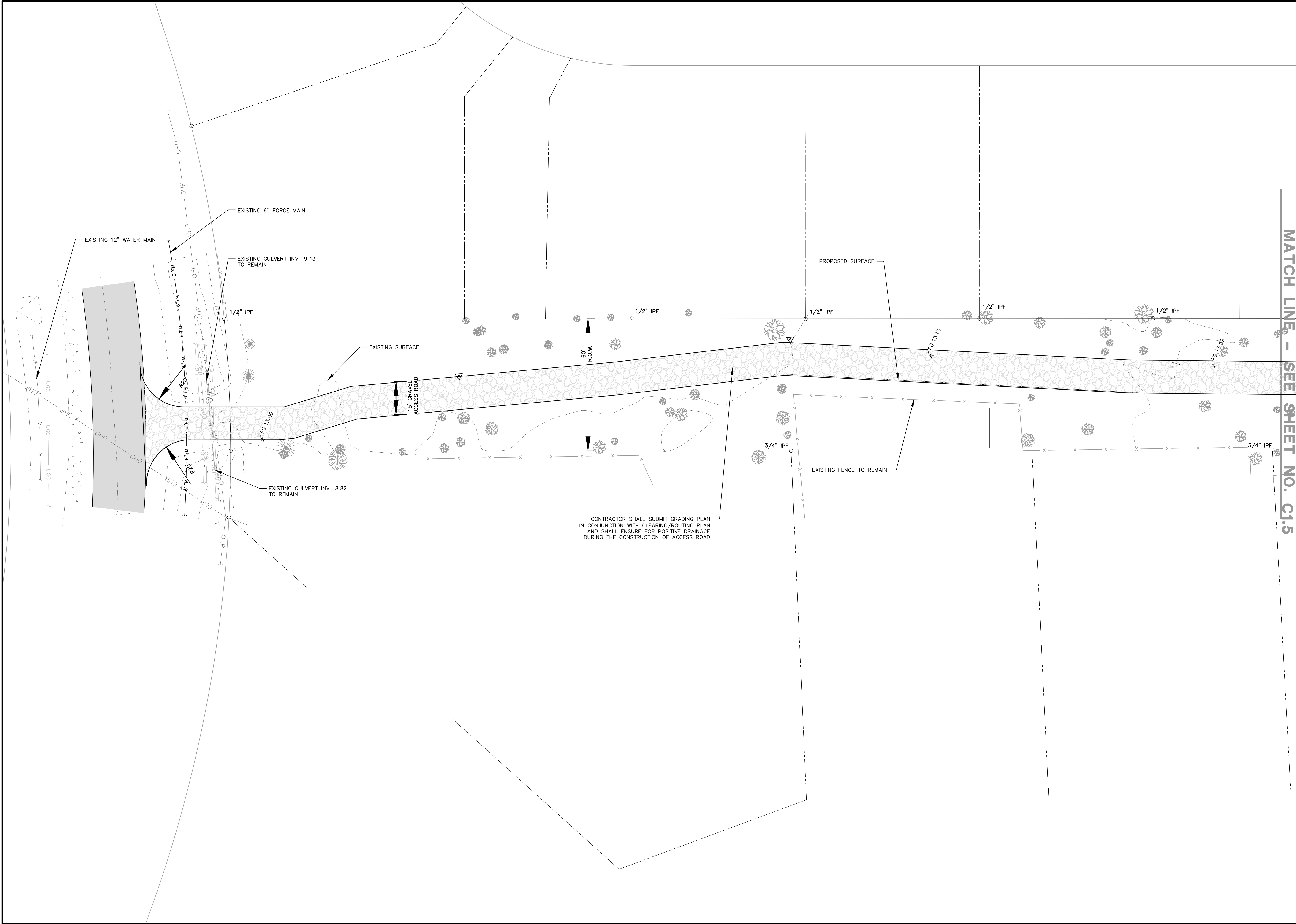




A circular professional engineer seal for the State of Georgia. The outer ring contains the text "GEORGIA" at the top and "CHRYSTOPHER FRAZER" at the bottom. Inside the ring, the words "REGISTERED" and "ENGINEER" are positioned at the top and bottom respectively. The center of the seal contains the text "No. 043416" and "PROFESSIONAL". Handwritten in blue ink over the seal are the numbers "16" and "2/3/16".

**C1.3**

Z:\30998\30998.0000\UNOFFICIAL\GRADING\CONSTRUCTION PLANS.DWG - 9P - REBID.DWG - Jan 23, 2025 - 4:42 PM



MATCH LINE - SEE SHEET NO. C1.5

01	ISSUED FOR REBID	JGS	2/3/25		
NO.	REVISIONS	BY	DATE		



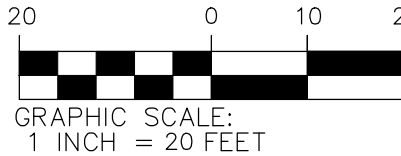
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GRADING & DRAINAGE

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA

CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION



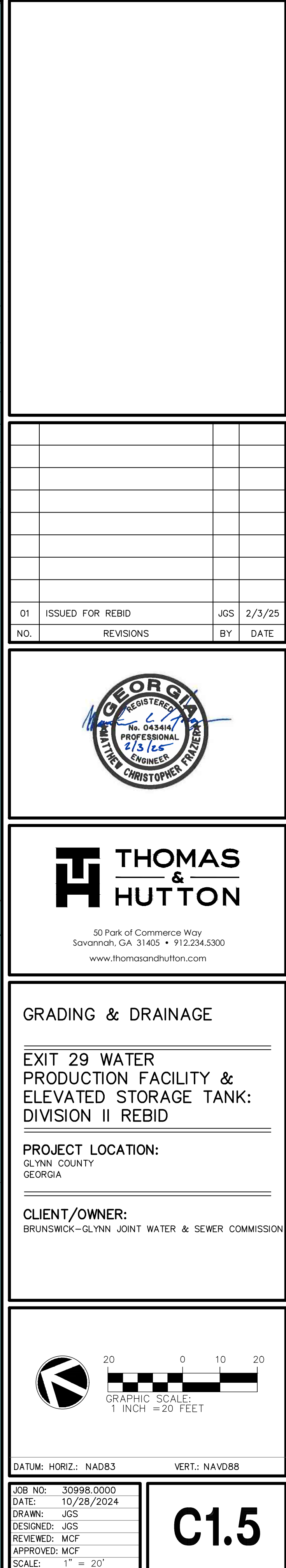
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VERT.: NAVD88

JOB NO: 30998.0000  
DATE: 10/28/2024  
DRAWN: JGS  
DESIGNED: JGS  
REVIEWED: MCF  
APPROVED: MCF  
SCALE: 1" = 20'

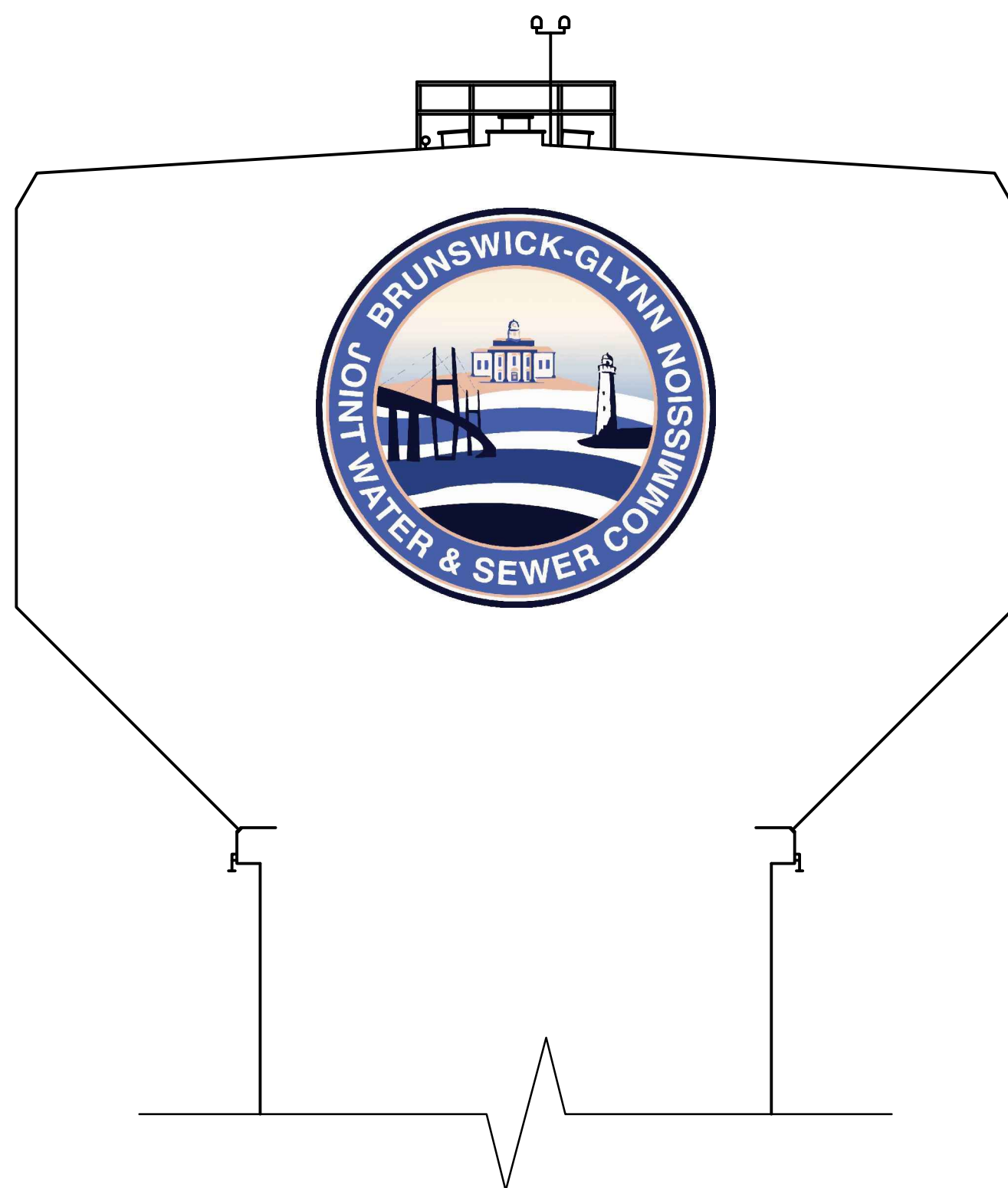
C1.4

BID SET - NOT FOR CONSTRUCTION









## COMPOSITE LOGO DETAIL

SCALE: NONE

- NOTES:**
1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS TO PAINT THE LETTERING AND LOGO DESIGN AS INDICATED ON THE DRAWINGS. SIZE AND LOCATION OF LETTERING/LOGO SHOWN ARE THE MINIMUM REQUIREMENTS FOR BIDDING PURPOSES.
  2. ALL PAINTING SHALL BE IN ACCORDANCE WITH AWWA D102 PAINTING STEEL WATER STORAGE TANKS AND THE STEEL STRUCTURES PAINTING COUNCIL (SSPC) MANUAL AND SPECIFICATIONS.
  3. TANK AND LETTERING/LOGO COLORS SHALL BE SELECTED BY OWNER PRIOR TO COATING WORK STARTING. CONTRACTOR SHALL PROVIDE COLOR SAMPLES FOR THE SPECIFIED COATING SYSTEMS TO ENGINEER/OWNER FOR REVIEW.
  4. CONTRACTOR SHALL PREPARE A MOCK-UP FOR EACH COATING SYSTEM USING THE SAME MATERIALS, TOOLS, EQUIPMENT, AND PROCEDURES INTENDED FOR ACTUAL SURFACE PREPARATION AND APPLICATION INCLUDING A MOCK-UP OF LOGO/LETTERING.
  5. PRE-APPLICATION MEETING: CONTRACTOR SHALL CONVENE A PRE-APPLICATION MEETING WITH ENGINEER, OWNER, CONTRACTOR AND COATING SYSTEM APPLICATOR A MINIMUM OF 2 WEEKS PRIOR TO THE START OF APPLICATION OF COATING SYSTEMS. NO WORK ON COATING MAY BEGIN UNTIL THIS MEETING IS HELD.
  6. TWO (2) LOGO DESIGNS TO BE PLACED ON OPPOSITE SIDES OF THE TANK FROM EACH OTHER. OWNER SHALL HAVE FINAL SAY ON WHERE THESE FACLS SHALL BE PLACED.

OI	ISSUED FOR REBID	JGS	2/3/25
NO.	REVISIONS	BY	DATE



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## LOGO DETAILS

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

**PROJECT LOCATION:**  
GLYNN COUNTY  
GEORGIA

**CLIENT/OWNER:**  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.: NAD83

VERT.: NAVD86

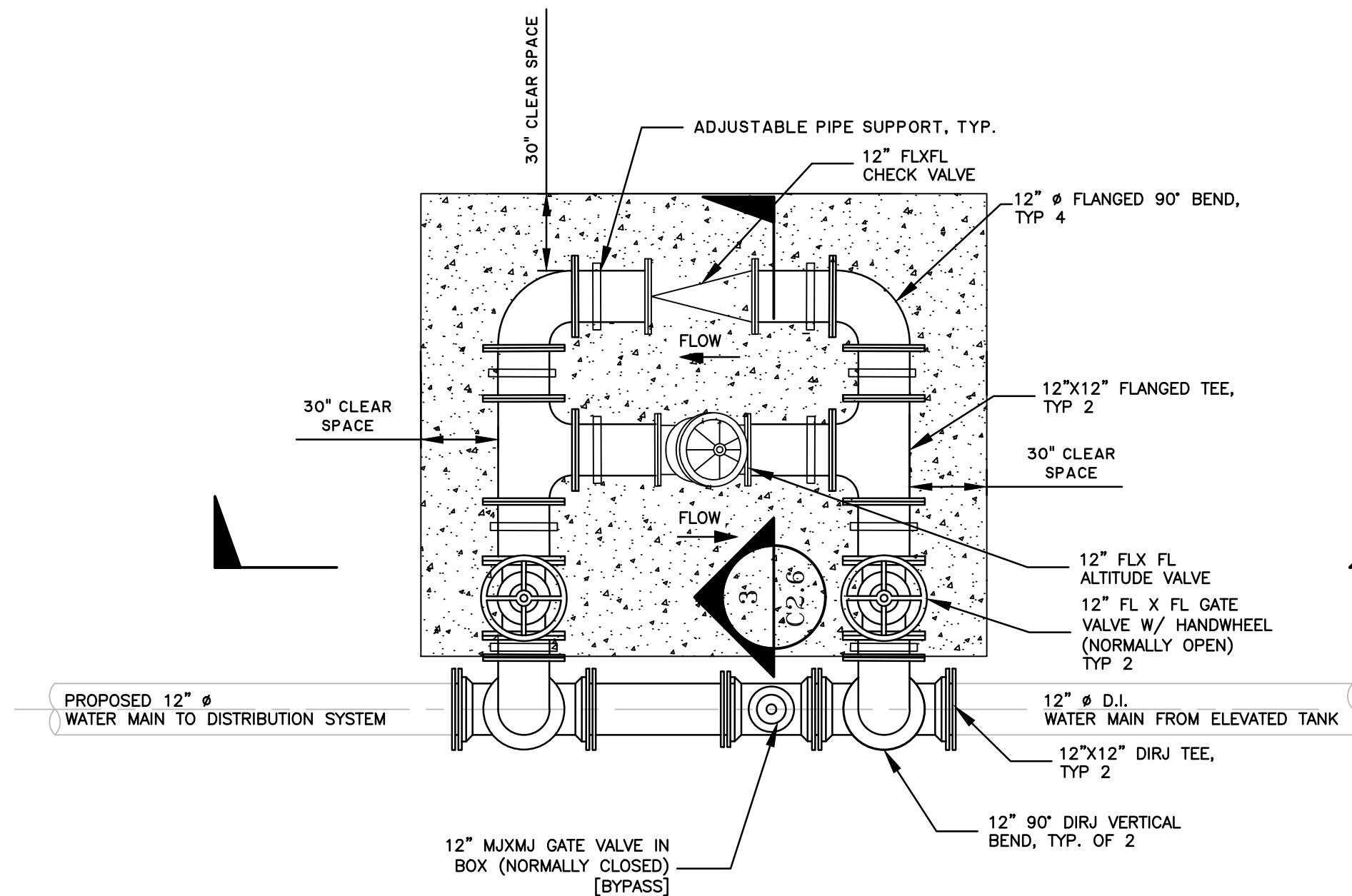
JOB NO:	30998.0000
DATE:	02/03/2025
DRAWN:	JGS
DESIGNED:	JGS
REVIEWED:	MCF
APPROVED:	MCF
SCALE:	AS SHOWN

## C2.3

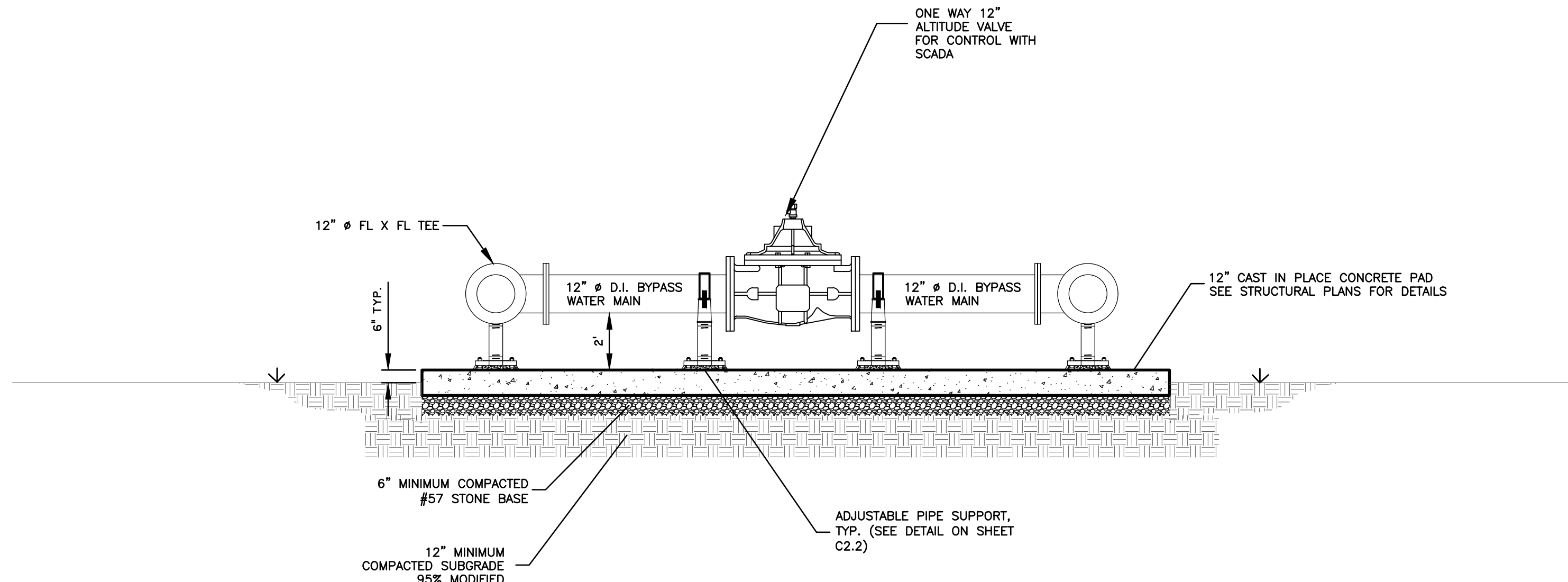




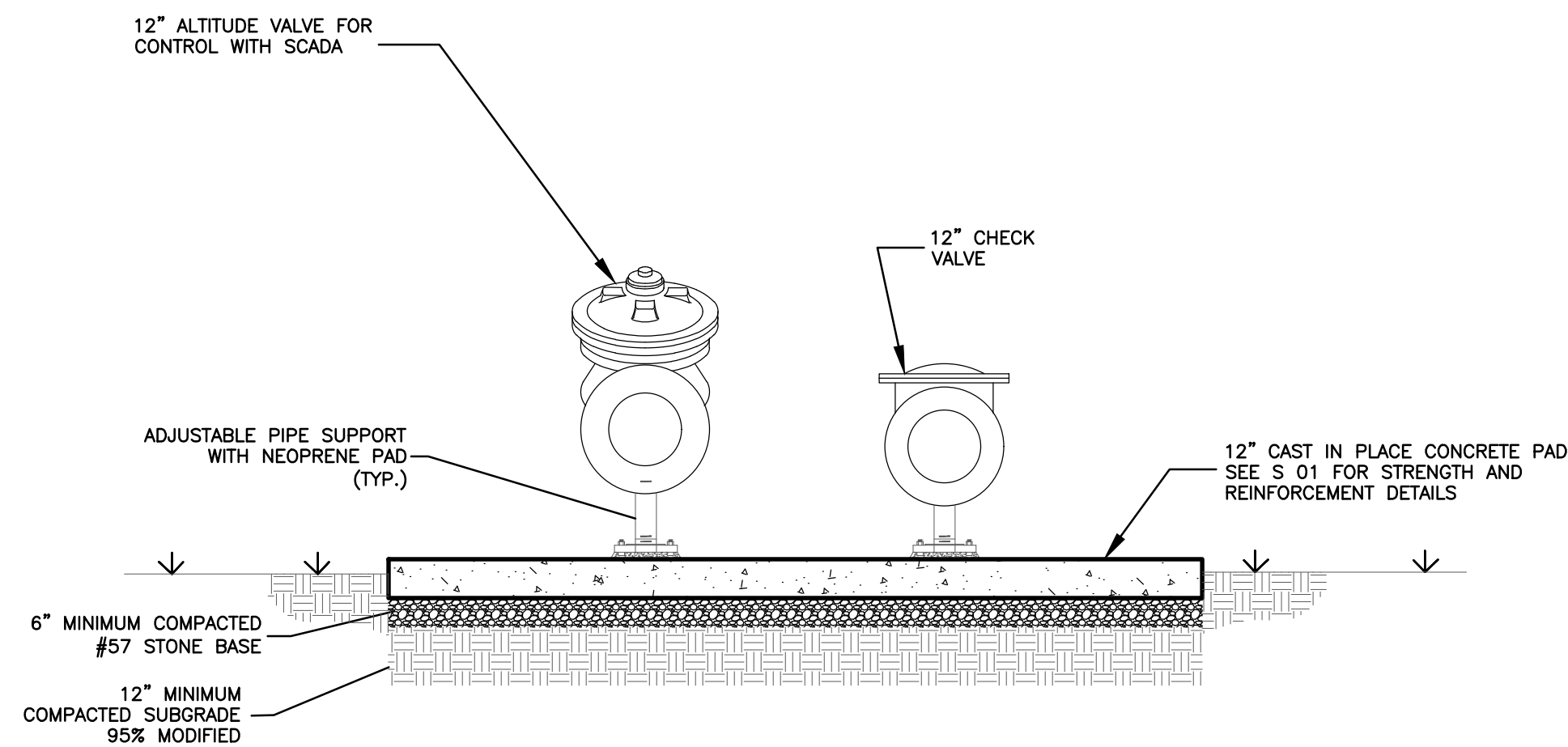
Z:\2025\2025\0000\ENGINEERING\DRAWINGS\CONSTRUCTION\PLAN\DIV 11 REBID\DWG - C2.6 - ALTITUDE VALVE - 2/3/25 - 8:49 AM



1  
C2.6  
ALTITUDE AND CHECK VALVE  
PLAN VIEW  
SCALE: N.T.S.



2  
C2.6  
ALTITUDE VALVE SECTION  
SCALE: N.T.S.



3  
C2.6  
ALTITUDE AND CHECK VALVE SECTION  
SCALE: N.T.S.



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#### ALTITUDE VALVE DETAILS

EXLT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA

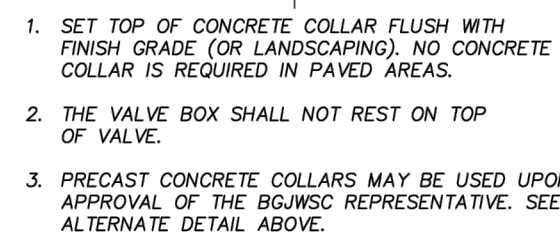
CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.: NAD83 VERT.: NAVD88

JOB NO: 30998.0000  
DATE: 02/03/2025  
DRAWN: JGS  
DESIGNED: JGS  
REVIEWED: MCF  
APPROVED: MCF  
SCALE: AS SHOWN

C2.6

BID SET - NOT FOR CONSTRUCTION



## JWSC STANDARD DETAIL 2-13

NOT TO SCALE



1. FOR FIRE HYDRANT ASSEMBLIES INCLUDE EXCAVATION, BACKFILL, NECESSARY SHORING AND SHEETING, 6" LEAD PIPE, 6 GATE VALVE AND VALVE BOX, VALVE BOX COLLAR, FIRE HYDRANT, GRAVEL, TIE ROD JOINT RESTRAINTS (NOT SHOWN), COMPLETE SURFACE RESTORATION AND ALL OTHER WORK AND APPURTENANCES REQUIRED.
2. IN LIEU OF AN ALL MJ TEE, A HYDRANT TEE MAY BE USED AND SPOOL PIECE ELIMINATED.



## JWSC STANDARD DETAIL 2-14

NOT TO SCALE



## JWSC STANDARD DETAIL 2-15

NOT TO SCALE



MATERIALS	
QTY.	DESCRIPTION
1	RPZ ASSEMBLY (ZURN-WILKINS OR EQUAL)
2	FULL PORT BALL VALVE
3	90° ELBOW
4	BRASS – HARD COPPER – SCH 80 PVC

PROVIDE ALL BRASS FITTINGS, NIPPLES, COUPLINGS, ETC. REQUIRED FOR THE COMPLETE INSTALLATION. FOR INSTALLATIONS LOCATED IN OR NEAR PARKING LOTS AND DRIVEWAYS, STEEL PIPE BOLLARDS ARE RECOMMENDED.

NOT TO SCALE



## JWSC STANDARD DETAIL 2-21B

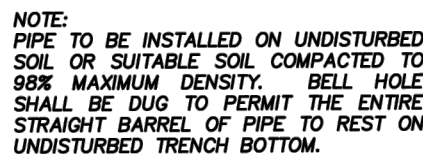


- NOTES:
1. MATERIAL TO INSTALL METER AND METER BOX. METER IS TO BE PURCHASED THROUGH JWSG.
  2. ALL FITTINGS IN LATERAL SHALL BE COMPRESSION TYPE.
  3. A MINIMUM OF TWO FULL THREDS ARE REQUIRED FOR TAPPING SLEEVE TO GO INTO THE PIPE WALL.
  4. INSULATED SINGLE STAND CUPPER WIRE SHALL BE STRAPPED TO THE PIPE AND ATTACHED TO THE METER BOX.
  5. INSTALL PVC PLUG IN ALL CURB STOPS IF WATER SERVICE IS "NOT IN USE" (NO METER IS).
  6. WATER SERVICES SERVING VACANT LOTS (SERVICE NOT IN USE), SHALL INCLUDE A "W" CUT INTO THE CURB. FOR NEW DEVELOPMENT AREAS WHERE THE WATER SERVICE IS "NOT IN USE", THE CURB SHALL BE REPAIRED TO BE FLAT WITH THE SURFACE OF THE CURB 1" ABOVE GRADE.
  7. ANYTIME WATER SERVICE LINE SHALL BE PERPENDICULAR TO THE MAIN, UNLESS APPROVED OTHERWISE BY BOWMGS.
  8. METER SIZE WILL BE BASED ON END USERS REQUIREMENTS.
  9. METER SHALL BE PARALLEL TO MAIN IRRIGATION AND FIRE SPRINKLER LINES.



## JWSC STANDARD DETAIL 2-16

NOT TO SCALE



STONES FOUND IN THE TRENCH SHALL BE REMOVED FOR A DEPTH OF AT LEAST SIX(6) INCHES BELOW THE BOTTOM OF THE PIPE.



## JWSC STANDARD DETAIL 2-1

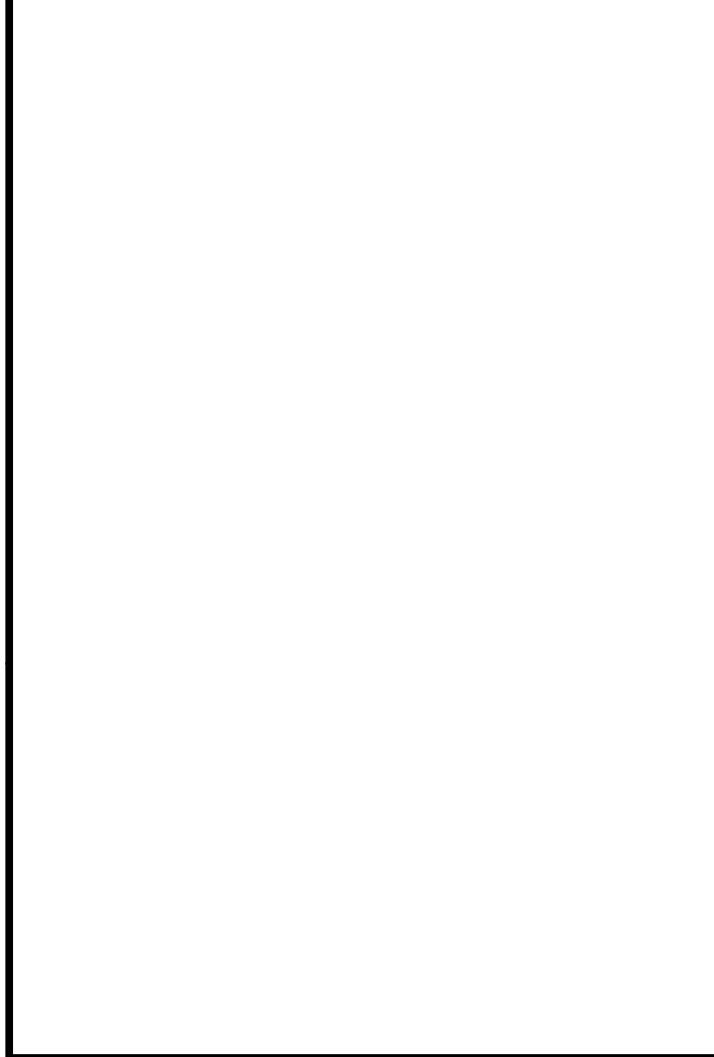
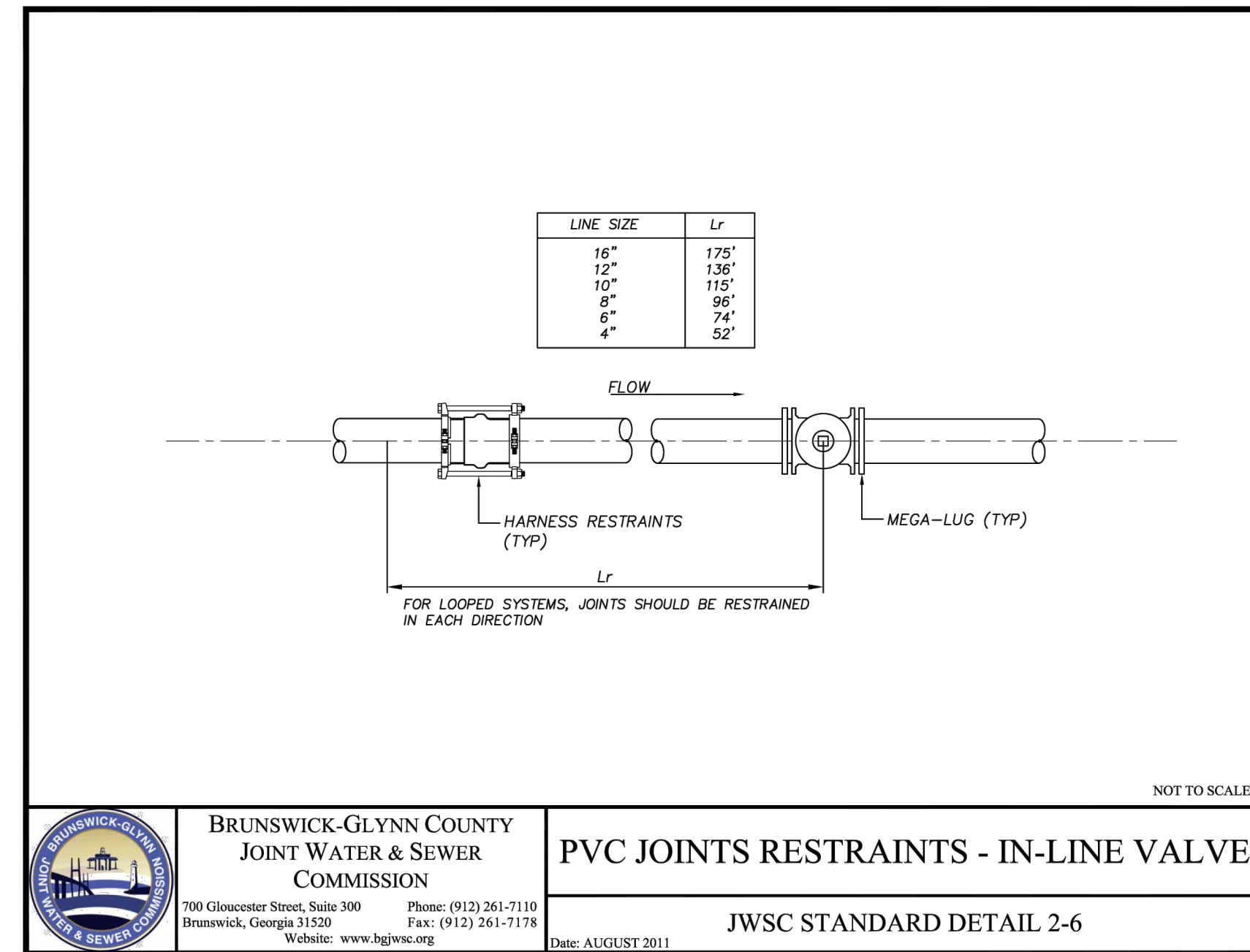
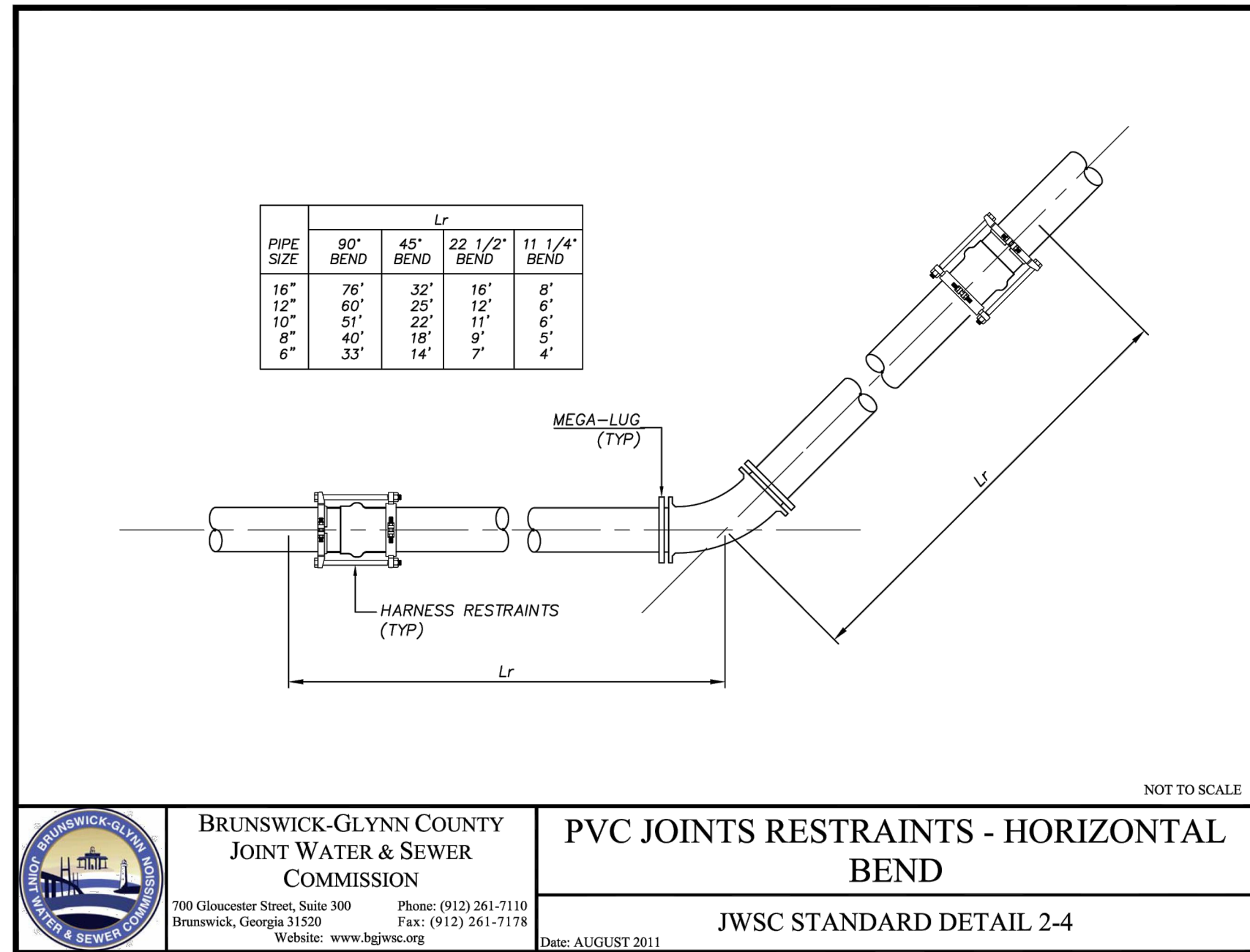
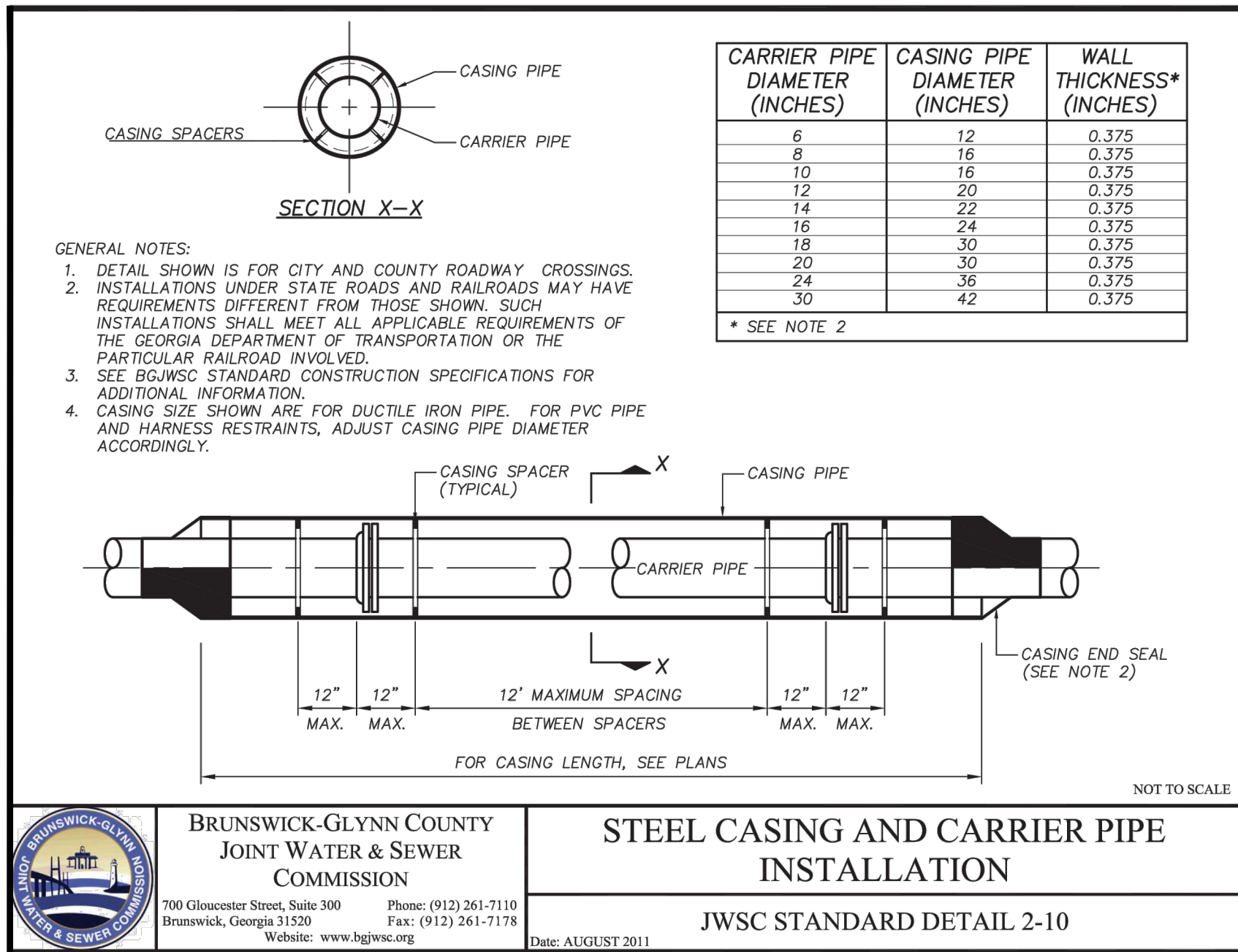
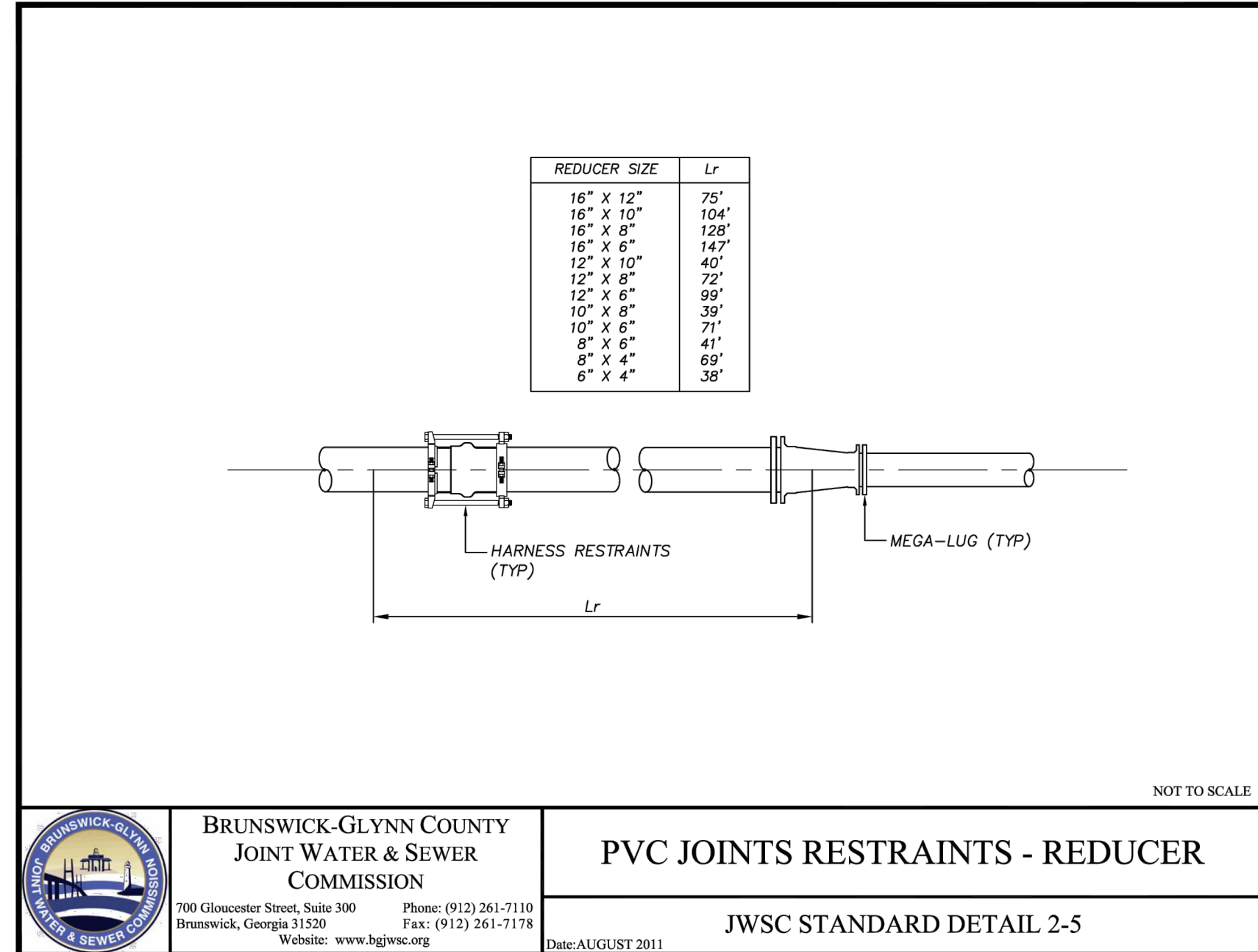
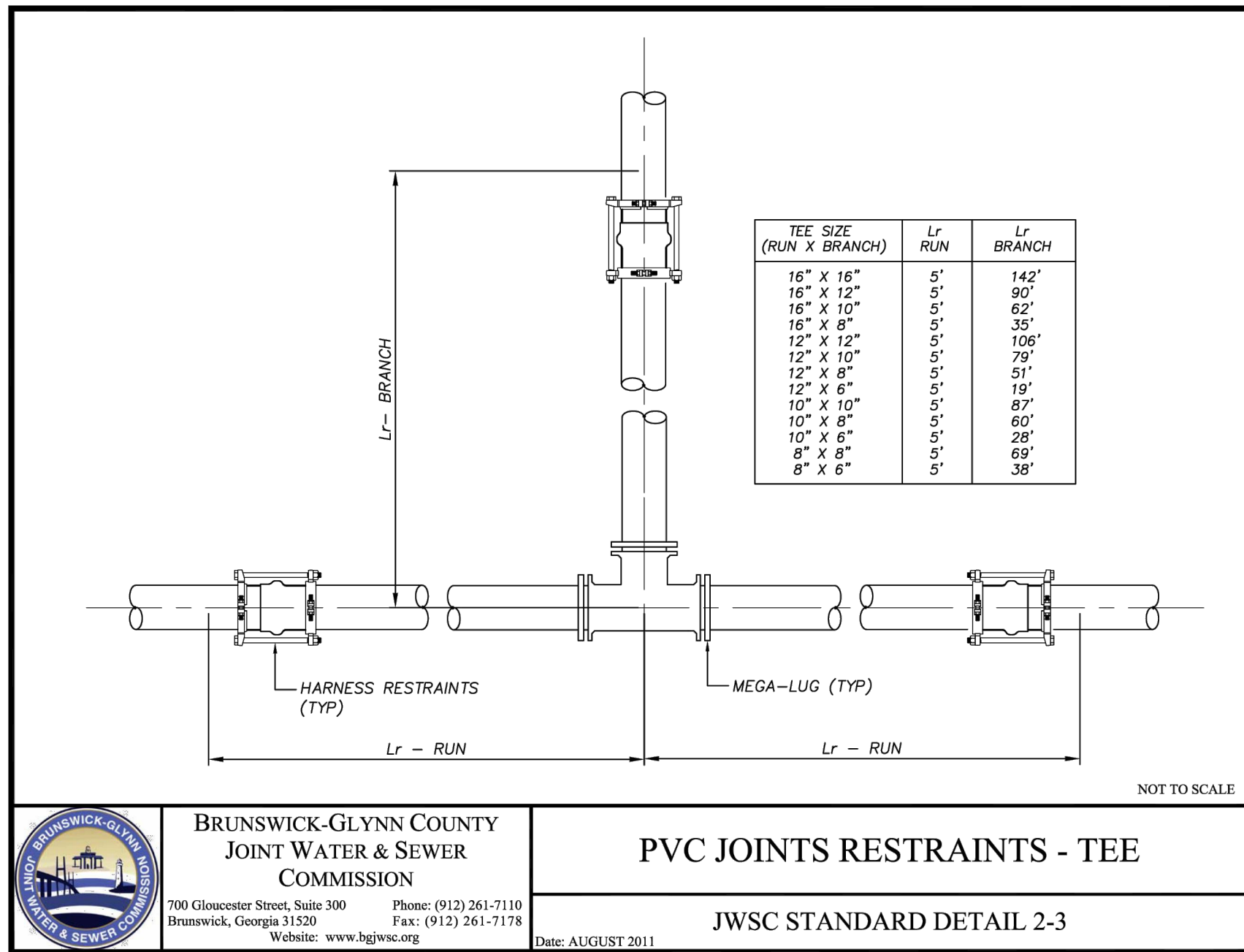
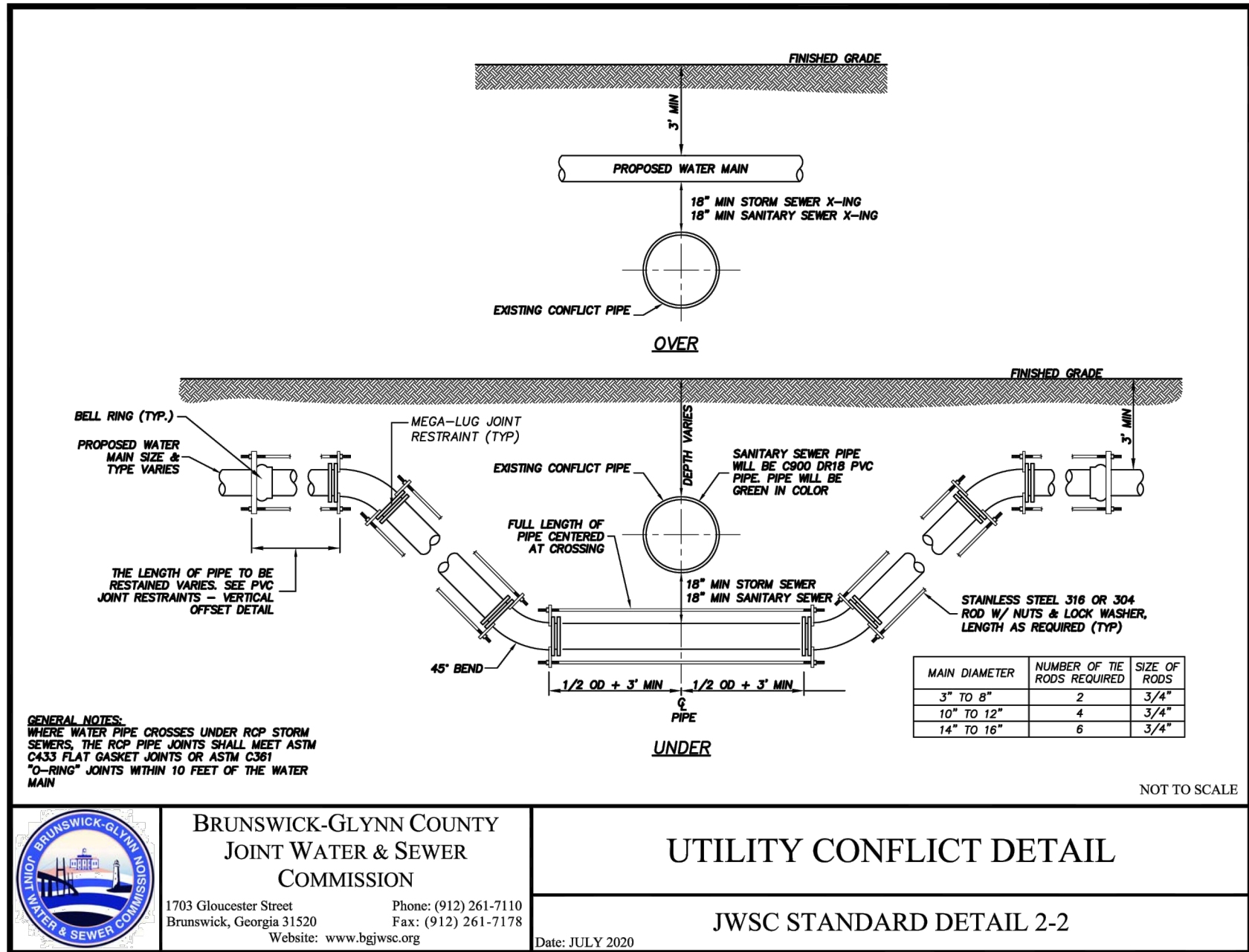
NOT TO SCALE

**CLIENT/OWNER:**  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.: NAD83      VERT.: NAVD88

JOB NO:	30998.0000
DATE:	02/03/2025
DRAWN:	JGS
DESIGNED:	JGS
REVIEWED:	MCF
APPROVED:	MCF
SCALE:	1" = 1'

## C2.7



NO.	REVISIONS	BY	DATE
01	ISSUED FOR REBID	JGS	2/3/2025



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## WATER DETAILS

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

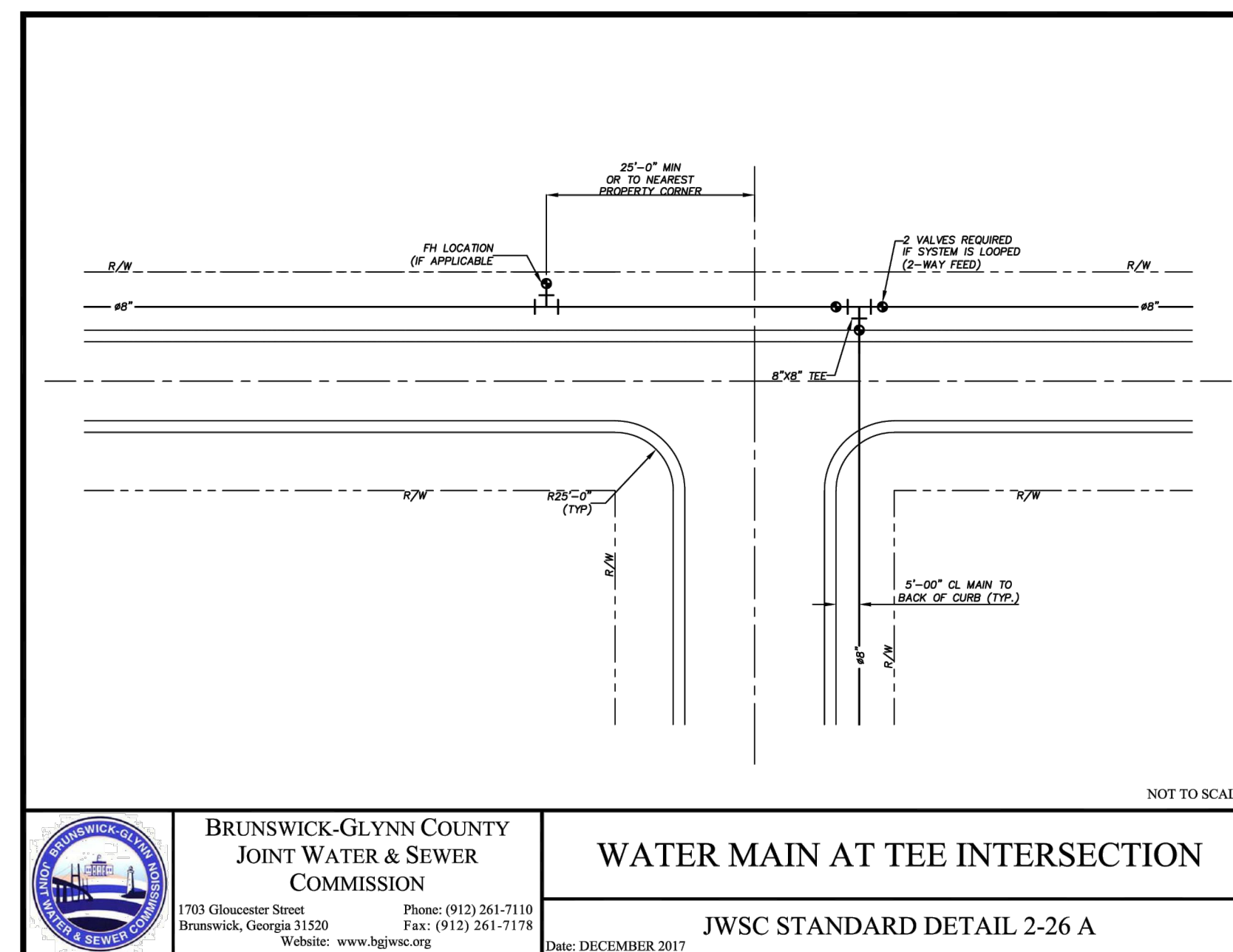
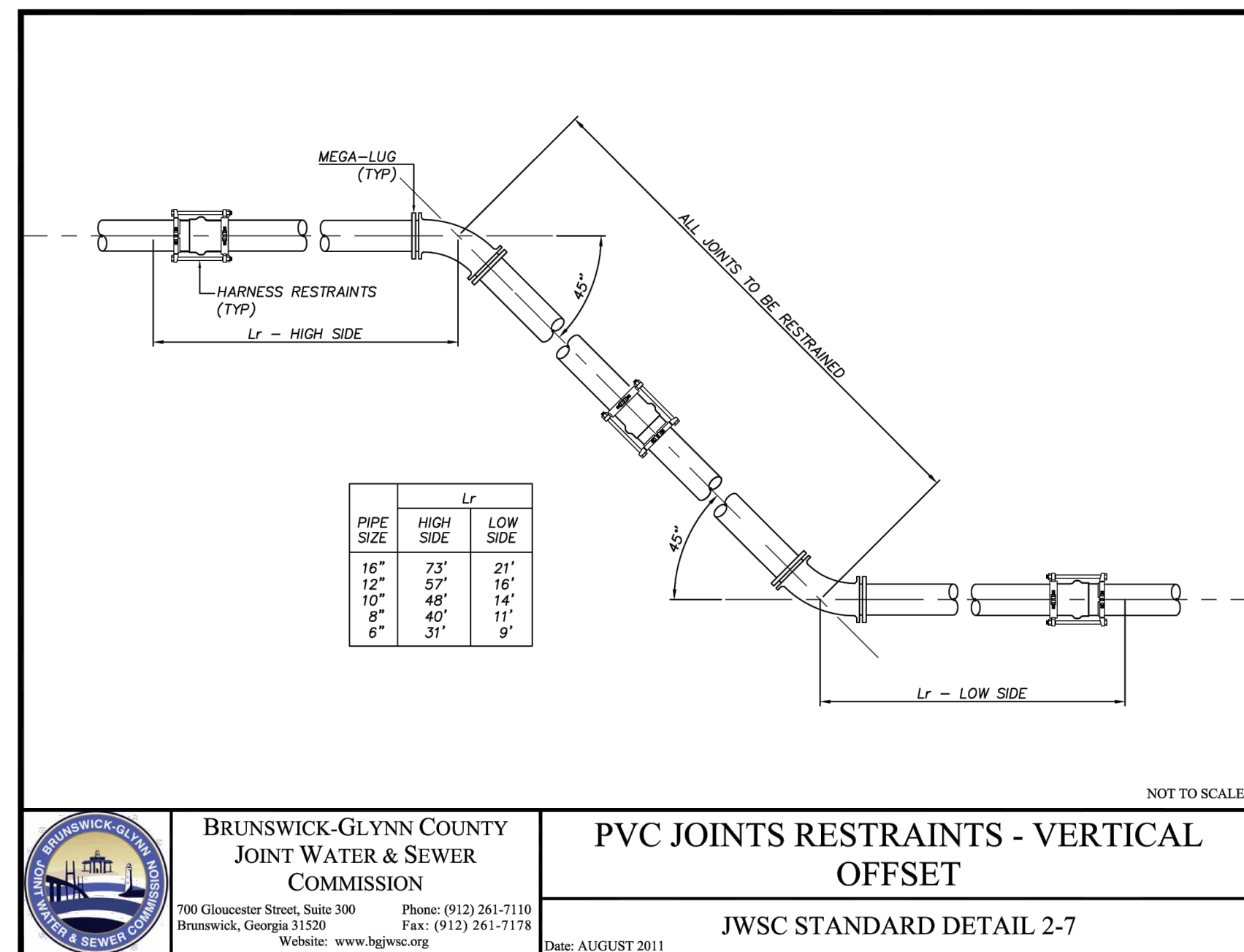
PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA

CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

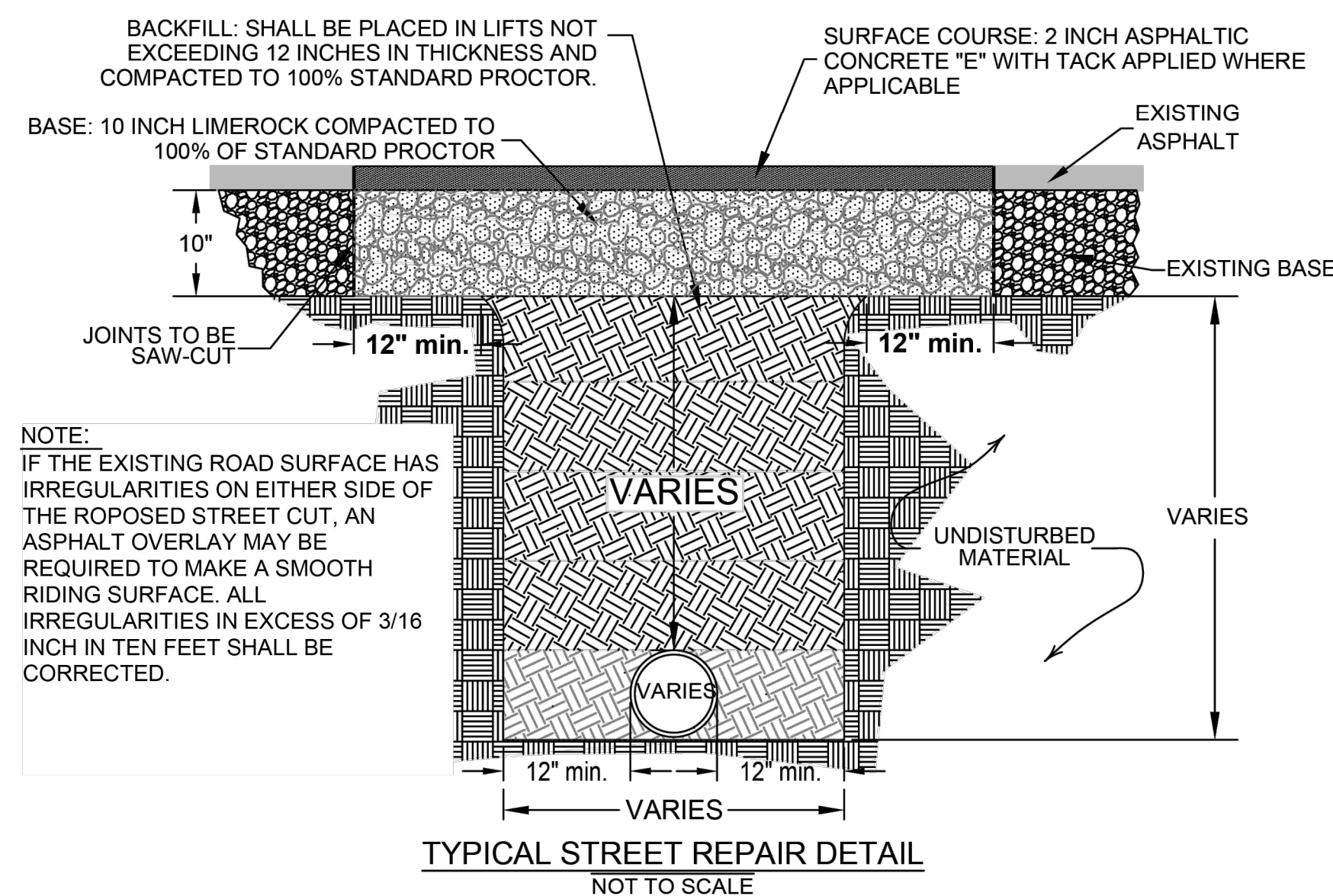
DATUM: HORIZ.: NAD83 VERT.: NAVD88

JOB NO: 30998.0000  
DATE: 02/03/2025  
DRAWN: JGS  
DESIGNED: JGS  
REVIEWED: MCF  
APPROVED: MCF  
SCALE: AS SHOWN

C2.8



## GLYNN COUNTY TYPICAL STREET REPAIR DETAIL



**GLYNN COUNTY ROAD REPAIR REQUIREMENTS:**

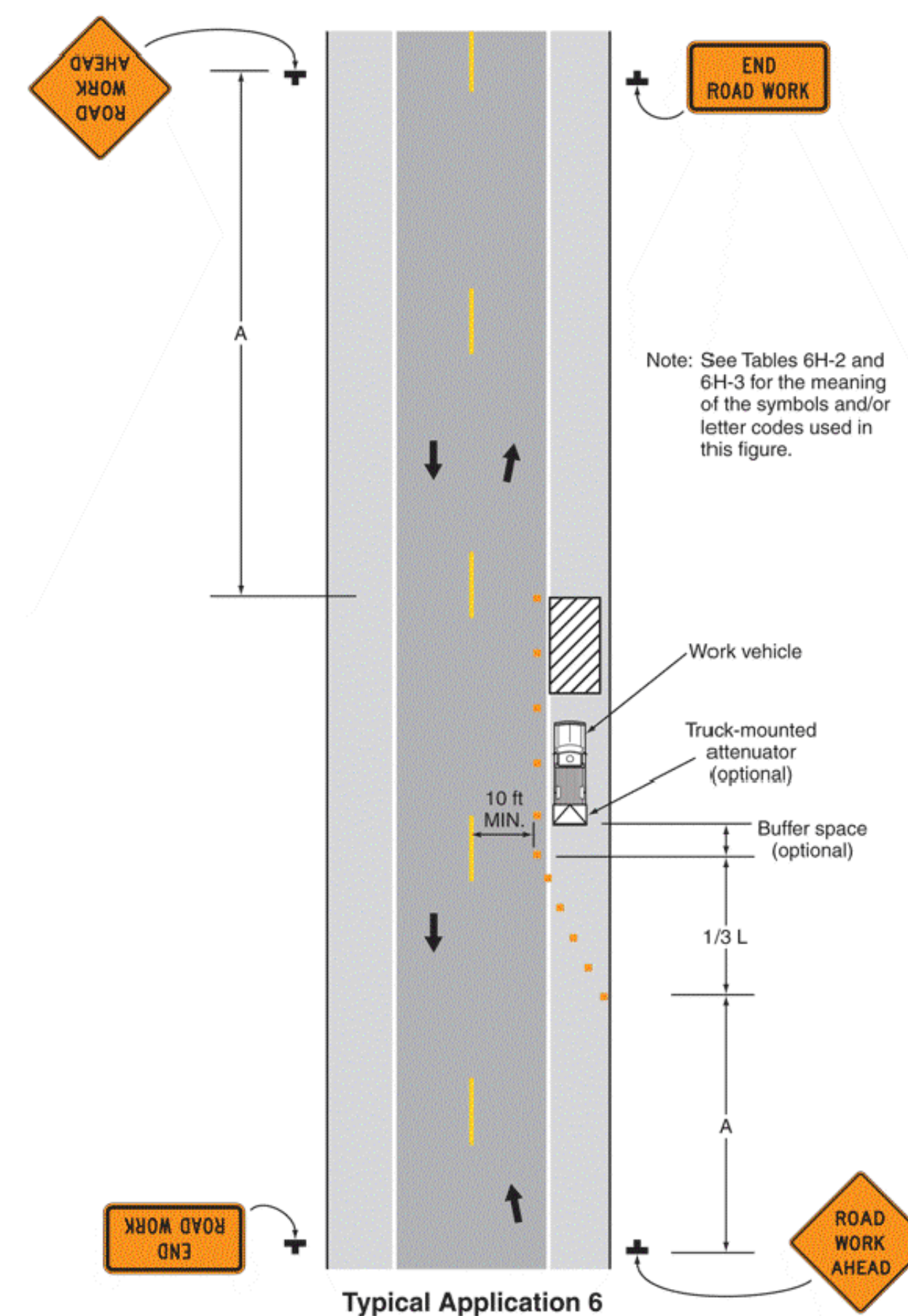
Glynn County Right -Of -Way Coordinator must review road cut and approve final dimensions of area to be paved prior to final paving. All road cuts must be neatly square cut and perpendicular to the lines and general direction of the roadway and a minimum of 12" beyond final disturbed area. Entire width of lane is to be repaved for road cuts that are up to or exceeds half the distance of the lane. Entire width of road is to be repaved for road cuts that are up to or exceeds half the distance of the road. Road must be repaired as outline below per this detail within 30 days after road is cut including any applicable road striping. Compaction test are required to ensure 100% compaction of backfill and base material. Compaction test results must be forwarded to Glynn County Right-Of-Way Coordinator reflecting two results of the backfill and base material prior to final paving.

1. Existing road bed will be cut twelve (12) inches beyond the disturbed area on each side. Disturbed areas will be compacted as noted below.
2. Subgrade shall be placed in lifts not to exceed twelve (12) inches in thickness and compacted to one hundred percent (100%) standard proctor.
3. A base of ten (10) inches of lime rock compacted to one hundred percent (100%) standard proctor.
4. An asphaltic concrete "E" with tack applied is required. A surface course thickness shall be determined during the permit process.
5. Concrete materials shall not be used on asphalt roads unless approved by Glynn County Right-of-Way Coordinator.

**ADDITIONAL SPECIAL REQUIRMENTS TO BE DETERMINE BY GLNN COUNTY RIGHT-OF-WAY COORDINATOR**

- Cuts exceeding 50 feet in length require road section overlay. Section of the road is to be milled to 2" depth and 8" of base material shall be installed flush to existing milled surface and the entire width of the included roadway resurfaced paved with a minimum of 2" of 9.5 MM Superpave type "E" asphalt topping or 1.5" of 19 MM Superpave type "E" asphalt and 1.5" of 9.5 MM Superpave type "E" asphalt topping.
- Depending on existing road conditions, tie in points may require additional milling or cut backs for blending as determined by Glynn County Right-of-Way Coordinator.
- Depending on the existing conditions and location of the road cut, flowable fill may be required as backfill material. To be determined by Glynn County Right-of-Way Coordinator.

**Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)**



NOTE: CONTRACTOR SHALL SUPPLY MANUAL" TRAFFIC CONTROL PLAN INCLUSIVE OF DETAIL TA-6. TRAFFIC CONTROL PLAN SHALL COMPLY WITH GDOT'S "REGULATIONS FOR DRIVEWAY & ENCROACHMENT CONTROL

[illegible]

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Savannah, GA 31405 • 912.234.5300  
[www.thomasandhutton.com](http://www.thomasandhutton.com)

## WATER DETAILS

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

**PROJECT LOCATION:**  
GLYNN COUNTY  
GEORGIA

**CLIENT/OWNER:**  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

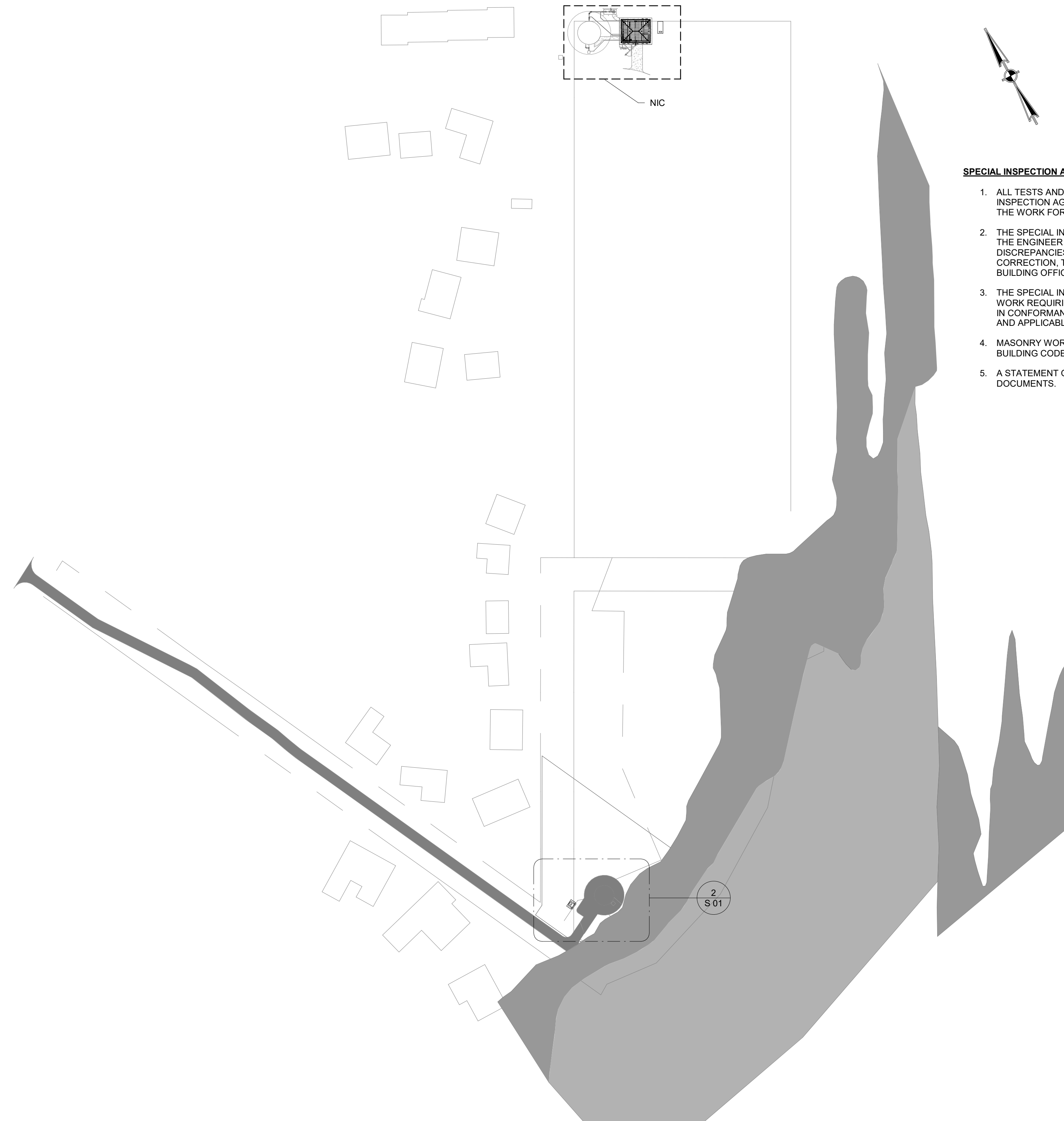
DATUM: HORIZ.: NAD83

VERT.: NAVD88

JOB NO:	30998.0000
DATE:	02/03/2023
DRAWN:	JGS
DESIGNED:	JGS
REVIEWED:	MCF
APPROVED:	MCF
SCALE:	AS SHOWN

## C2.9





## SPECIAL INSPECTION AND TESTING (CHAPTER 17)

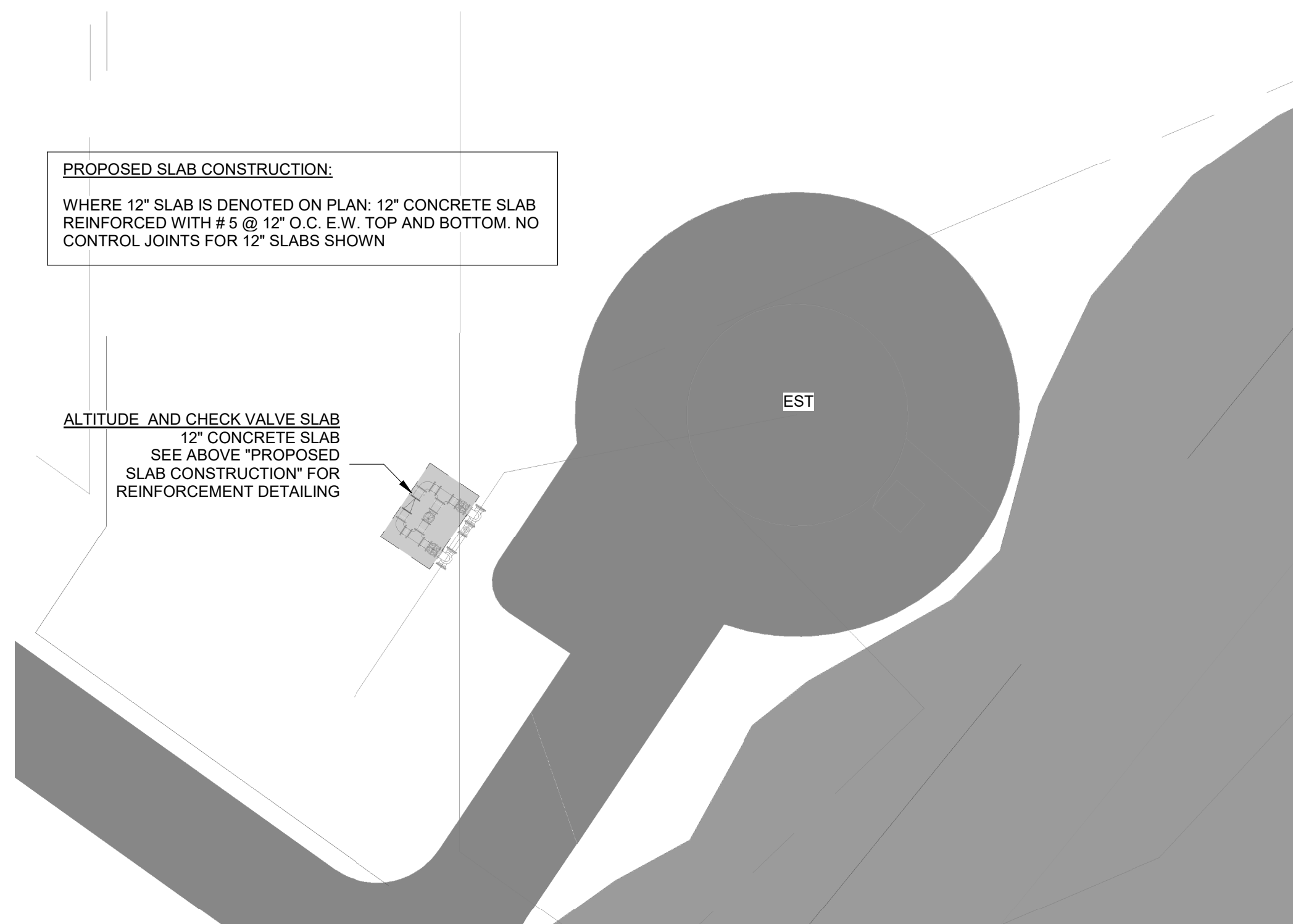
1. ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AND INSPECTION AGENCY. THE SPECIAL INSPECTOR FROM THIS TESTING AGENCY SHALL OBSERVE THE WORK FOR CONFORMANCE TO THE DESIGN DRAWINGS AND SPECIFICATIONS.
2. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD, AND ALL OTHER DESIGNATED INDIVIDUALS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF NOT CORRECTED, TO THE PROPER DESIGN AUTHORITY AND TO THE BUILDING OFFICIAL.
3. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS, SPECIFICATIONS, SOILS REPORT AND APPLICABLE WORKMANSHIP PROVISIONS OF THE INTERNATIONAL BUILDING CODE.
4. MASONRY WORK SHALL HAVE SPECIAL INSPECTION AS DEFINED BY THE AFOREMENTIONED BUILDING CODE.
5. A STATEMENT OF SPECIAL INSPECTIONS SHALL BE INCLUDED AS PART OF THE CONTRACT DOCUMENTS.

### DESIGN CRITERIA (ELEVATED STORAGE TANK)

- |   |  |           |                           |
|---|--|-----------|---------------------------|
| THE CONTRACT DOCUMENTS ARE BASED ON THE REQUIREMENTS OF:  |  |           |                           |
| <ul style="list-style-type: none"> <li>• 2024 GEORGIA BUILDING CODE (2018 IBC)</li> <li>• 2016 ASCE 7 "MINIMUM DESIGN LOAD FOR BUILDINGS AND OTHER STRUCTURES"</li> </ul> |  |           |                           |
| 2.  | DEAD LOADS:  |           |                           |
| A.  | STRUCTURAL SYSTEMS:                                |           | ACTUAL WEIGHT OF MATERIAL |
| 3.  | LIVE LOADS:  |           |                           |
| A.  | ORDINARY ROOF:                                     |           | 20 PSF                    |
| 4.  | DESIGN SNOW LOAD:                                  |           |                           |
|   | GROUND SNOW LOAD,                                  | $P_G$     | 0 PSF                     |
|   | FLAT ROOF SNOW LOAD,                               | $P_F$     | 0 PSF                     |
|   | EXPOSURE FACTOR,                                   | $C_E$     | 1.0                       |
|   | SNOW THERMAL FACTOR,                               | $C_T$     | 1.0                       |
|   | SNOW IMPORTANCE FACTOR,                            | $I$       | 1.0                       |
| 5.  | RAIN LOAD:   |           |                           |
|   | 15-MINUTE RAINFALL INTENSITY                       |           | 9.7 IN/HR                 |
|   | 60-MINUTE RAINFALL INTENSITY                       |           | 4.96 IN/HR                |
| 6.  | FLOOD LOAD:  |           |                           |
|   | FLOOD ZONE   |           | X                         |
| 7.  | DESIGN WIND LOADS:                                 |           |                           |
| A.  | ULTIMATE WIND SPEED                                | $V_{ULT}$ | 139 MPH                   |
| B.  | BASE WIND SPEED                                    |           | 108 MPH                   |
| C.  | RISK CATEGORY                                      |           | III                       |
| D.  | EXPOSURE   |           | C                         |
| 8.  | SEISMIC LOADS                                      |           |                           |
|   | SHORT PERIOD SPECTRAL RESPONSE ACCELERATION        | $S_s$     | 0.152                     |
|   | 1-SEC PERIOD SPECTRAL RESPONSE ACCELERATION        | $S_1$     | 0.071                     |
|   | SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION | $S_{DS}$  | 0.162                     |
|   | 1-SEC PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION | $S_{D1}$  | 0.114                     |
|   | RISK CATEGORY                                      |           | III                       |
|   | SEISMIC DESIGN CATEGORY                            |           | B                         |
|   | SITE CLASS   |           | D                         |

FOR USE WITH TANK FOUNDATIONS - DESIGNED BY OTHERS

VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD	IBC REFERENCE
	CONTINUOUS	PERIODIC		
<u>DEEP FOUNDATIONS - CAST-IN-PLACE</u>				1705.8
1. INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	-		
2. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTH, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END-BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	X	-		
3. FOR CONCRETE ELEMENTS, PERFORM ADDITIONAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3	-	-		1705.3



**1 SITE MAP**  
1" = 100'-0"

## 2 SITE MAP - DETAIL

## STRUCTURAL DETAILS

EXIT 29 WATER PRODUCTION FACILITY &  
ELEVATED STORAGE TANK: DIVISION II  
REBID

PROJECT LOCATION:

GYLNN COUNTY  
GEORGIA

CLIENT/OWNER:

BRUNSWICK-GLYNN JOINT WATER &amp; SEWER COMMISSION

DATUM:    HORIZ.: REF CIVIL            VERT.: REF CIVIL

JOB NO: J- 30998.0000

DATE: 07/17/24

DRAWN:	MAP
DATE:	11/15

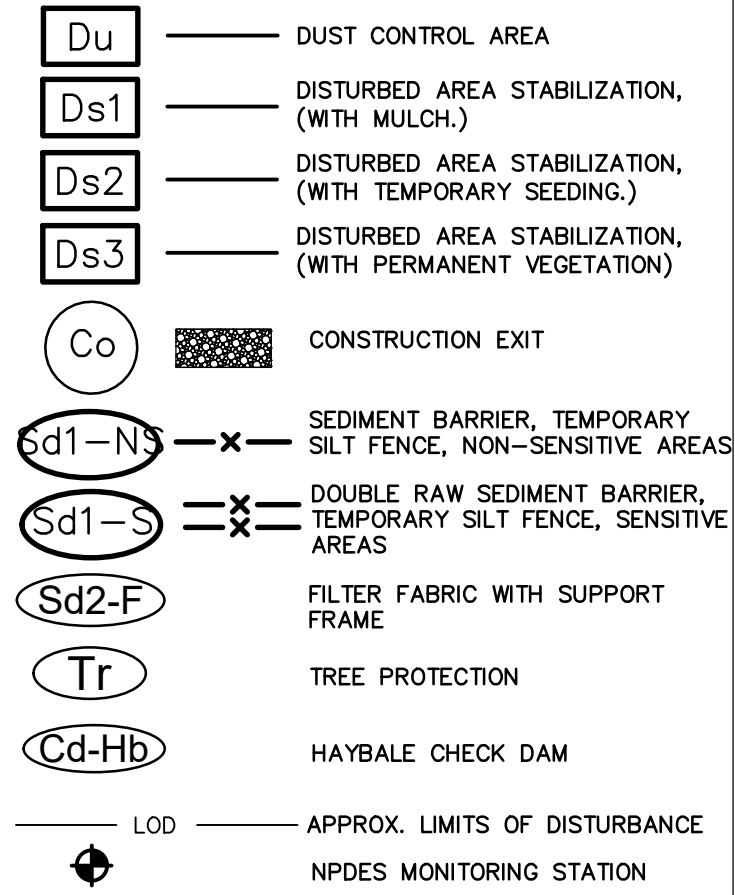
DESIGNED:	MAP
REVIEWED:	dlB

APPROVED: dBm

**S 01**

**EC0.1**

### EROSION, SEDIMENTATION AND POLLUTION CONTROL LEGEND



Mo: MANDARIN FINE SAND  
CoB: CAINHOY FINE SAND  
Po: POTTSBURG

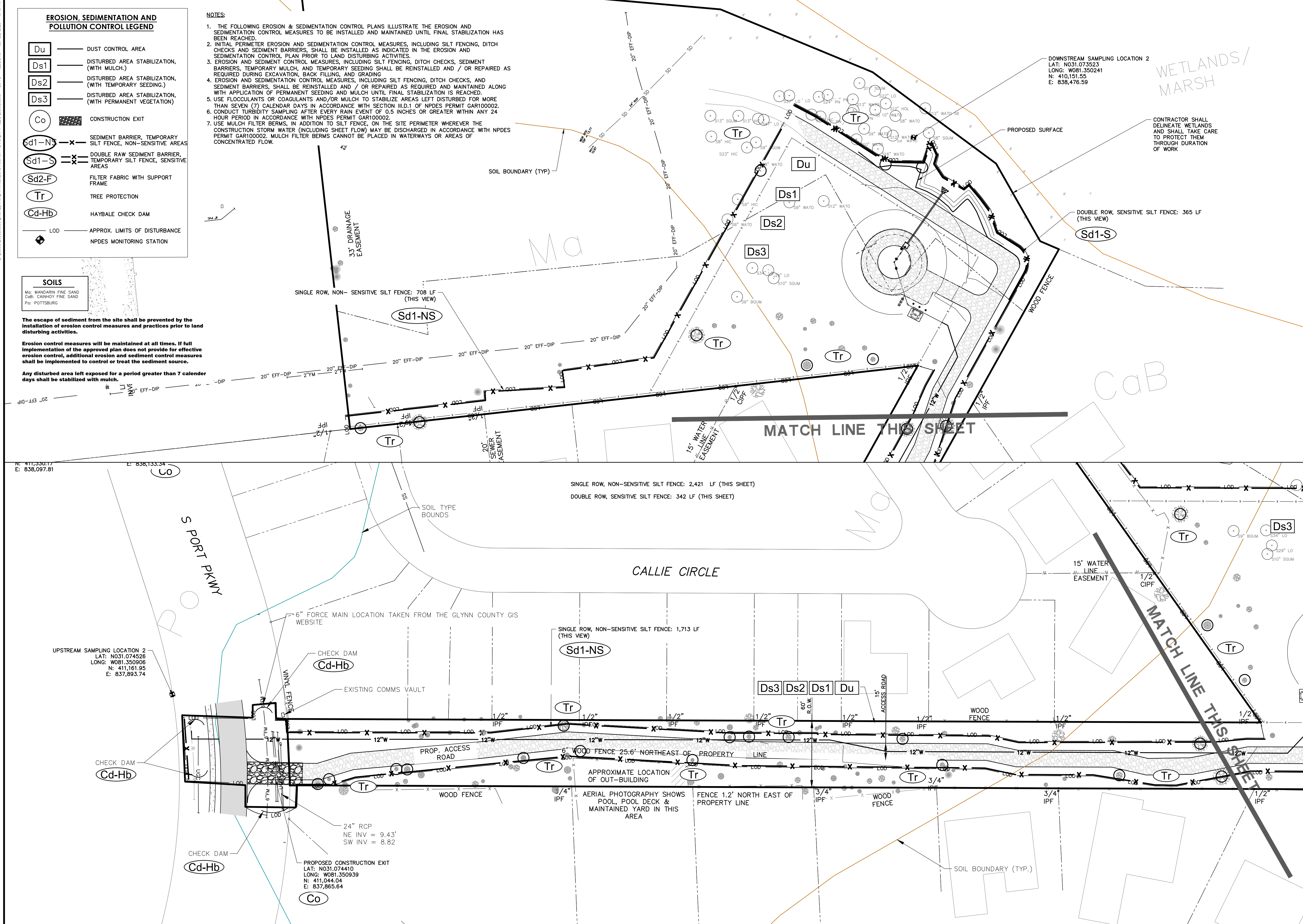
**The escape of sediment from the site shall be prevented by the installation of erosion control measures and practices prior to land disturbing activities.**

**Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.**

**Any disturbed area left exposed for a period greater than 7 calendar days shall be stabilized with mulch.**

NOTES:

1. THE FOLLOWING EROSION & SEDIMENTATION CONTROL PLANS ILLUSTRATE THE EROSION AND SEDIMENTATION CONTROL MEASURES TO BE INSTALLED AND MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN REACHED.
2. INITIAL PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING SILT FENCING, DITCH CHECKS AND SEDIMENT BARRIERS, SHALL BE INSTALLED AS INDICATED IN THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO LAND DISTURBING ACTIVITIES.
3. EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING SILT FENCING, DITCH CHECKS, SEDIMENT BARRIERS, TEMPORARY MULCH AND TEMPORARY SEEDING SHALL BE REINSTALLED AND / OR REPAIRED AS REQUIRED DURING EXCAVATION, BACK FILLING, AND GRADING.
4. EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING SILT FENCING, DITCH CHECKS, AND SEDIMENT BARRIERS, SHALL BE REINSTALLED AND / OR REPAIRED AS REQUIRED AND MAINTAINED ALONG WITH APPLICATION OF PERMANENT SEEDING AND MULCH UNTIL FINAL STABILIZATION IS REACHED.
5. USE COAGULANTS (P.O. OR MULCH) TO STABILIZE AREA LEFT DISTURBED FOR MORE THAN SEVEN (7) CALENDAR DAYS IN ACCORDANCE WITH SECTION II.D.1 OF NPDES PERMIT GAR100002.
6. CONDUCT TURBIDITY SAMPLING AFTER EVERY RAIN EVENT OF 0.5 INCHES OR GREATER WITHIN ANY 24 HOUR PERIOD IN ACCORDANCE WITH NPDES PERMIT GAR100002.
7. UNTIL THE SILT FENCING IS INSTALLED AROUND THE SITE PERIMETER WHEREVER THE CONSTRUCTION STORM WATER (INCLUDING SHEET FLOW) MAY BE DISCHARGED IN ACCORDANCE WITH NPDES PERMIT GAR100002, FLOW FILTER BERM CANNOT BE PLACED IN WATERWAYS OR AREAS OF CONCENTRATED FLOW.



2 WETLANDS/  
MARSH

— CONTRACTOR SHALL  
DELINEATE WETLANDS  
AND SHALL TAKE CARE  
TO PROTECT THEM  
THROUGH DURATION  
OF WORK

DOUBLE ROW, SENSITIVE SILT FENCE: 365 LF  
(THIS VIEW)

MATCH LINE THIS SHEET

02	ISSUED FOR REBID	JGS	2/3/25
01	BID SET	JGS	10/28/24
NO.	REVISIONS	BY	DATE



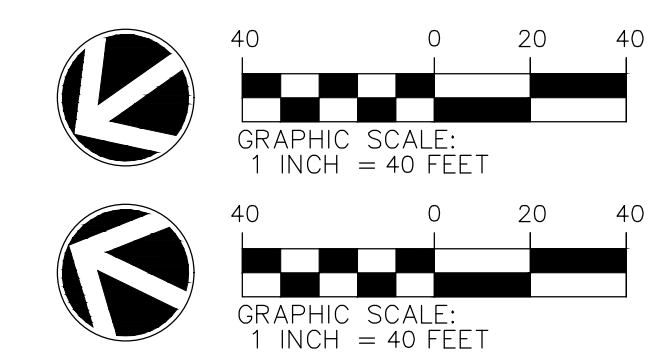
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Savannah, GA 31405 • 912.234.5300  
[www.thomasandhutton.com](http://www.thomasandhutton.com)

## EROSION CONTROL PLANS

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

**PROJECT LOCATION:**  
GLYNN COUNTY  
GEORGIA

**CLIENT/OWNER:**  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION



DATUM: HORIZ.: NAD83	VERT.: NAVD88
----------------------	---------------

JOB NO:	30998.0000
DATE:	10/28/2024
DRAWN:	JGS
DESIGNED:	JGS
REVIEWED:	MCF
APPROVED:	MCF
SCALE:	SEE SCALE BAR

### EC1.3







2:\30998\30998.0000 (DWG) (CONSTRUCTION PLANS) (DWG) 1: REBID.DWG - EC 21 - REBID.DWG - Jan 23, 2025 - 4:45 PM

OWNER/OPERATOR'S CERTIFICATION:

1. I CERTIFY THAT THE RECEIVING WATER(S) OR THE OUTFALL(S) OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S) WILL BE MONITORED IN ACCORDANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN.
2. I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (PLAN) WAS PREPARED BY A DESIGN PROFESSIONAL, AS DEFINED BY THIS PERMIT, THAT HAS COMPLETED THE APPROPRIATE CERTIFICATION COURSE APPROVED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-19 AND THAT I WILL ADHERE TO THE PLAN AND COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THIS PERMIT.

OWNERS PRINTED NAME

TITLE

SIGNATURE

DATE

DESIGN PROFESSIONAL CERTIFICATION:

1. "I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION." #11
2. "I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER (S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES No. GAR 100002." #12
3. "I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR THE MONITORING OF: (A) ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR (B) WHERE ANY SUCH SPECIFIC IDENTIFIED PERENNIAL OR INTERMITTENT STREAM AND OTHER WATER BODY IS NOT PROPOSED TO BE SAMPLED, I HAVE DETERMINED IN MY PROFESSIONAL JUDGMENT, UTILIZING THE FACTORS REQUIRED IN THE GENERAL NPDES PERMIT NO. GAR 100002, THAT THE INCREASE IN TURBIDITY OF EACH SPECIFIC IDENTIFIED SAMPLED RECEIVING WATER WILL BE REPRESENTATIVE OF THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATER." #13

GSWCC LEVEL II DESIGN PROFESSIONAL- MATTHEW C. FRAZIER

0000085563

10/13/2027

CERTIFICATION # EXPIRATION DATE

ENGINEER'S NAME (PRINTED): MATTHEW CHRISTOPHER FRAZIER, P.E.  
GA PE NUMBER: 043414  
GSWCC LEVEL II CERTIFICATION NUMBER: 0000085563  
CERTIFICATION NUMBER EXPIRATION DATE: 10/13/2027

CONSIDERATIONS FOR CONSTRUCTION SCHEDULING

A SPECIFIED WORK SCHEDULE IS NEEDED TO COORDINATE THE TIMING OF LAND DISTURBING ACTIVITIES WITH THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES.

THE PURPOSE OF THE SCHEDULE IS TO REDUCE ON-SITE EROSION AND OFF-SITE SEDIMENTATION BY PERFORMING LAND DISTURBING ACTIVITIES AND INSTALLING EROSION AND SEDIMENTATION CONTROL PRACTICES IN ACCORDANCE WITH A PLANNED SCHEDULE.

IN PLANNING CONSTRUCTION WORK, IT MAY BE HELPFUL TO OUTLINE ALL LAND DISTURBING ACTIVITIES NECESSARY TO COMPLETE THE PROPOSED PROJECT. THEN LIST ALL PRACTICES NEEDED TO CONTROL EROSION AND SEDIMENTATION ON THE SITE. THESE TWO LISTS CAN THEN BE COMBINED IN LOGICAL ORDER TO PROVIDE A PRACTICAL AND EFFECTIVE CONSTRUCTION SEQUENCE SCHEDULE THAT BECOMES PART OF THE EROSION AND SEDIMENTATION CONTROL PLAN.

CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
1. OBTAIN ALL PLAN APPROVALS AND OTHER APPLICABLE PERMITS.	
2. FLAG THE WORK LIMITS AND MARK THE TREES AND BUFFER AREAS FOR PROTECTION.	
3. HOLD PRE CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.	
4. CONSTRUCTION ACCESS -- CONSTRUCTION ENTRANCE, CONSTRUCTION ROUTES, EQUIPMENT PARKING AREAS.	FIRST LAND DISTURBING ACTIVITY -- STABILIZE BARE AREAS IMMEDIATELY WITH GRAVEL AND TEMPORARY VEGETATION AS CONSTRUCTION TAKES PLACE.
5. SEDIMENT TRAPS AND BARRIERS -- BASIN TRAPS, SEDIMENT FENCES, AND OUTLET PROTECTION.	INSTALL PRINCIPAL BASINS AFTER CONSTRUCTION SITE IS ACCESSED. INSTALL ADDITIONAL TRAPS AND BARRIERS AS NEEDED DURING GRADING.
6. RUNOFF CONTROL -- DIVERSIONS, PERIMETER DIKES, WATER BARS, AND OUTLET PROTECTION.	INSTALL KEY PRACTICES AFTER PRINCIPAL SEDIMENT TRAPS AND BEFORE LAND GRADING. INSTALL ADDITIONAL RUNOFF-CONTROL MEASURES DURING GRADING.
7. RUNOFF CONVEYANCE SYSTEM-- STABILIZE STREAM BANKS, STORM DRAINS, CHANNELS, INLET AND OUTLET PROTECTION, SLOPE DRAINS.	WHERE NECESSARY, STABILIZE STREAM BANKS AS EARLY AS POSSIBLE. INSTALL PRINCIPAL RUNOFF CONVEYANCE SYSTEM WITH RUNOFF-CONTROL MEASURES. INSTALL REMAINDER OF SYSTEM AFTER GRADING.
8. LAND CLEARING AND GRADING--SITE PREPARATION, CUTTING, FILLING AND GRADING, SEDIMENTATION TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING.	BEGIN MAJOR CLEARING AND GRADING AFTER PRINCIPAL SEDIMENT AND KEY RUNOFF-CONTROL MEASURES ARE INSTALLED. CLEAR BORROW AND DISPOSAL AREAS ONLY AS NEEDED. INSTALL ADDITIONAL CONTROL MEASURES AS GRADING PROGRESSES. MARK TREES AND BUFFER AREAS FOR PRESERVATION.
9. SURFACE STABILIZATION--TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIPRAP.	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
10. BUILDING CONSTRUCTION-- BUILDINGS UTILITIES, PAVING.	INSTALL NECESSARY EROSION AND SEDIMENTATION CONTROL PRACTICES AS WORK TAKES PLACE.
11. LANDSCAPING AND FINAL STABILIZATION -- TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING RIPRAP.	LAST CONSTRUCTION PHASE--STABILIZE ALL OPEN AREAS, INCLUDING BORROW AND SPOIL AREA REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES.

SECONDARY PERMITTEES

NOTE: THIS MASTER LIST TO BE COMPLETED AND SIGNED AND KEPT IN THE "ON-SITE" CONSTRUCTION TRAILER.

SECONDARY PERMITTEES SIGN WHEN RECEIVING PLANS. ALL SECONDARY PERMITTEES MUST SUBMIT SECONDARY NOI AT LEAST 14 DAYS PRIOR TO BEGINNEING CONSTRUCTION ACTIVITY.

NAME COMPANY ADDRESS ADDRESS ADDRESS GSWCC LEVEL IA CERTIFICATION NO. PHONE: FAX: SIGNATURE

NAME COMPANY ADDRESS ADDRESS ADDRESS GSWCC LEVEL IA CERTIFICATION NO. PHONE: FAX: SIGNATURE

NAME COMPANY ADDRESS ADDRESS ADDRESS GSWCC LEVEL IA CERTIFICATION NO. PHONE: FAX: SIGNATURE

NAME COMPANY ADDRESS ADDRESS ADDRESS GSWCC LEVEL IA CERTIFICATION NO. PHONE: FAX: SIGNATURE

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION

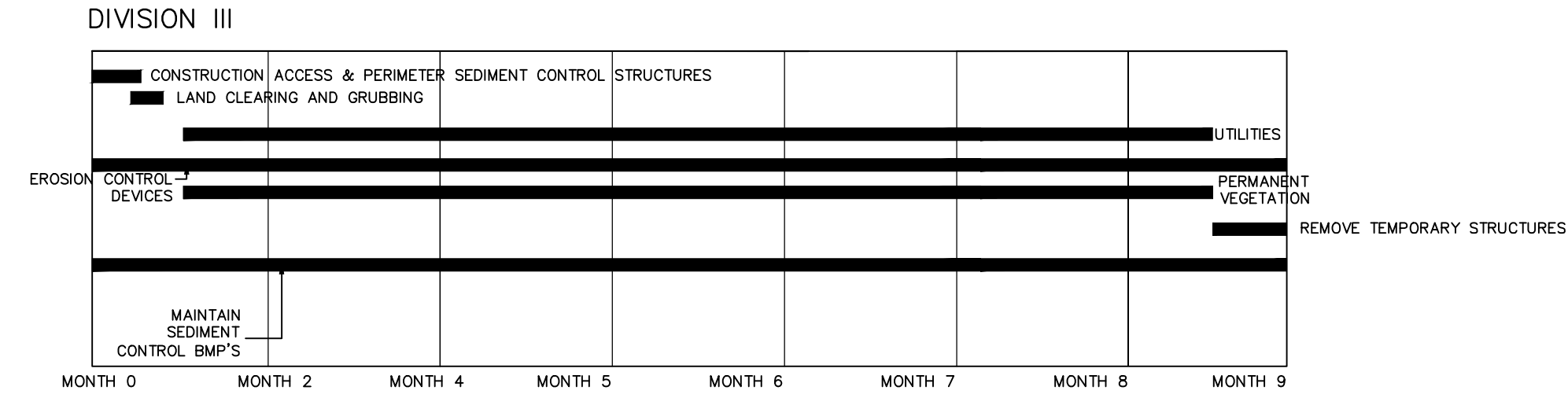
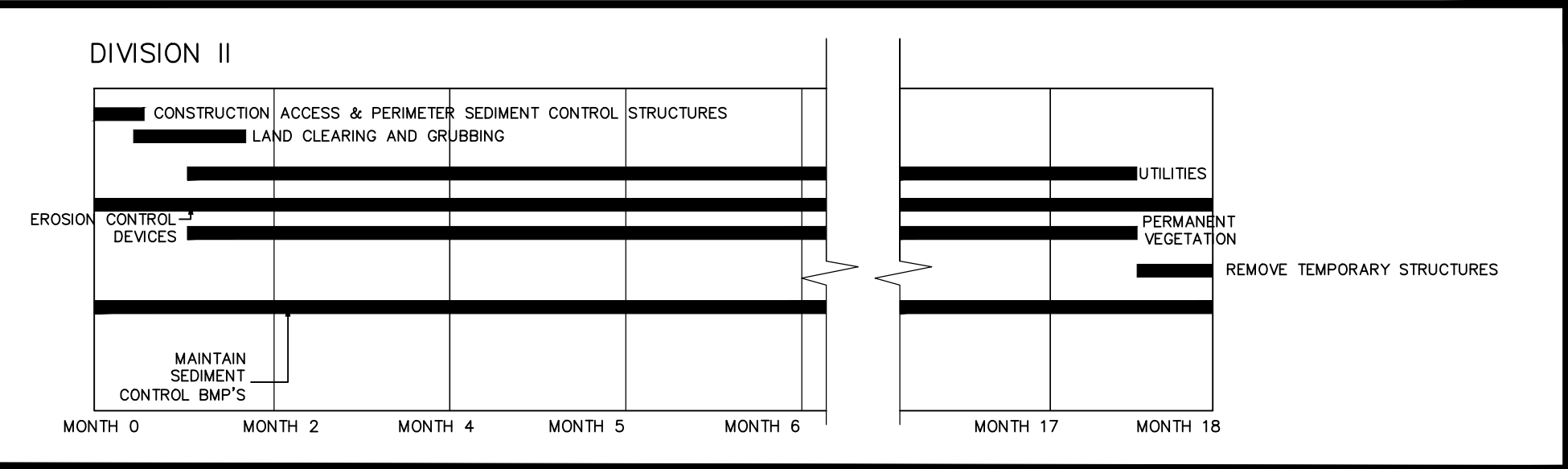
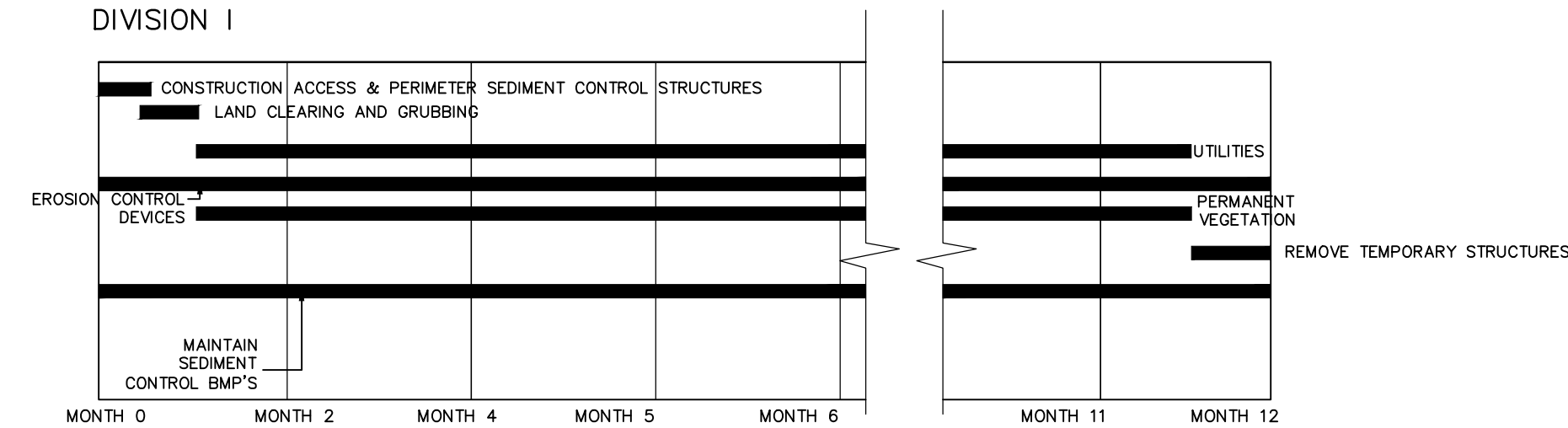
DATE OF INSPECTION

I CERTIFY THE INITIAL SEDIMENT STORAGE AND PERIMETER CONTROL BMPS HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED AS OF 7 DAYS AFTER INSTALLATION.

MATTHEW CHRISTOPHER FRAZIER, P.E. 0000085563  
GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN

THESE DEFICIENCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.



INITIAL DATE: OCTOBER 28, 2024  
REVISED: FEBRUARY 3, 2025



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EROSION CONTROL NOTES

EXIT 29 WATER PRODUCTION FACILITY & ELEVATED STORAGE TANK: DIVISION II REBID

PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA

CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.: VERT.:

JOB NO: 30998.0000  
DATE: 10/3/2024  
DRAWN: JGS  
DESIGNED: JGS  
REVIEWED: MCF  
APPROVED: MCF  
SCALE: NONE

EC2.4

BID SET - NOT FOR CONSTRUCTION

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD:

Project Name: Exit 29 Water Production Facility & Elevated Storage Tank  
Local Issuing Authority: Brunswick-Glynn Joint Water & Sewer Commission  
Name & Email of person filling out checklist: JACQUELYNN SMITH, SMITH.JACQUELYNN@TANDH.COM

Address: 391 South Port Parway #3, Brunswick, GA 31523  
Date on Plans: OCTOBER 2024

Plan	Included
Page #	Y/N
EC1.4	Y
ALL	Y
EC2.1	Y
EC2.1	Y
EC2.1	Y
EC0.1	Y
ALL	Y
EC2.1	Y
EC0.1	Y
EC2.1	Y
EC2.4	Y
EC2.4	Y
EC2.4	Y
EC2.1	Y
EC2.1	Y
EC2.1	Y
EC2.1	Y
EC2.1	Y
EC2.1	Y
EC2.1	Y

1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.  
(The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)

2 Level II certification number issued by the Commission, signature and seal of the certified design professional.  
(Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)

3 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.

4 Provide the name, address, email address, and phone number of primary permittee.

5 Note total and disturbed acreages of the project or phase under construction.

6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.

7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.

8 Descriptions of the nature of construction activity and existing site conditions.

9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.

10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.

11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 21 of the permit.

12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit. \*

13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3) page 37 of the permit as applicable. \*

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after installation." in accordance with Part IV.A.5 page 26 of the permit. \*

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." \*

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." \*

EC2.1	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."				
EC2.1	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."				
EC2.1	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."				
	N/A	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of a Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *				
	N/A	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *				
EC2.2	Y	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *				
EC2.2	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.				
EC2.1	Y	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *				
EC2.1	Y	27 Description of practices to provide cover for building materials and building products on site. *				
EC2.1-EC2.3	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *				
EC2.1, EC2.4	Y	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).				
EC2.2	Y	30 Provide complete requirements of Inspections and record keeping by the primary permittee. *				
EC2.2	Y	31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *				
EC2.2	Y	32 Provide complete details for Retention of Records as per Part IV.F. of the permit. *				
EC2.2	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *				
EC2.2	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *				
EC0.1	Y	35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable. *				
EC2.4	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *				
EC1.1-EC1.3	Y	37 Graphic scale and North arrow.				
	N/A	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: <table><tbody><tr><td>Existing Contours</td><td>USGS 1": 2000' Topographical Sheets</td></tr><tr><td>Proposed Contours</td><td>1": 400' Centerline Profile</td></tr></tbody></table>	Existing Contours	USGS 1": 2000' Topographical Sheets	Proposed Contours	1": 400' Centerline Profile
Existing Contours	USGS 1": 2000' Topographical Sheets					
Proposed Contours	1": 400' Centerline Profile					

	N/A	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
	N/A	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
	N/A	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
EC0.1	Y	42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
ATT	Y	43 Delineation and acreage of contributing drainage basins on the project site.
ATT	Y	44 Delineate on-site drainage and off-site watersheds using USGS 1": 2000' topographical sheets.
EC2.2	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
	N/A	46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
EC1.1-EC1.3	Y	47 Soil series for the project site and their delineation.
EC1.1-EC1.3	Y	48 The limits of disturbance for each phase of construction.
EC2.2	Y	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
EC1.1-EC1.3	Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
EC2.3	Y	51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
EC2.1-EC2.3	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

\* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the \* checklist items would be N/A.

Effective January 1, 2024

**NOTE:**  
EROSION CONTROL ORIGINALLY SUBMITTED FOR REVIEW WITH DIVISIONS I, II, AND III. DIVISIONS I AND III WERE AWARDED. AS OF FEBRUARY 3, 2025, DIVISION II IS UP FOR RE-BID. EROSION CONTROL PLANS HAVE BEEN REVISED HEREIN TO, NOTES, AND DETAILS REMAIN PERTINENT. THE EROSION CONTROL PLANS ONLY REFLECT DIVISION II. THE EROSION CONTROL NOTES AND DETAILS REFLECT DIVISIONS I, II, AND III. CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR DIVISION II EROSION CONTROL. AT THE TIME OF ISSUE FOR THE "EXIT 29 WATER PRODUCTION FACILITY & ELEVATED STORAGE TANK: DIV II REBID", THE FULL EROSION CONTROL PLAN SET IS UNDER REVIEW BY THE ISSUING AUTHORITY.

INITIAL DATE: OCTOBER 28, 2024  
REVISED: FEBRUARY 3, 2025

02	ISSUED FOR REBID	JGS	2/3/2025
01	BID SET	JGS	10/28/24
NO.	REVISIONS	BY	DATE



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EROSION CONTROL NOTES

EXIT 29 WATER  
PRODUCTION FACILITY &  
ELEVATED STORAGE TANK:  
DIVISION II REBID

PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA

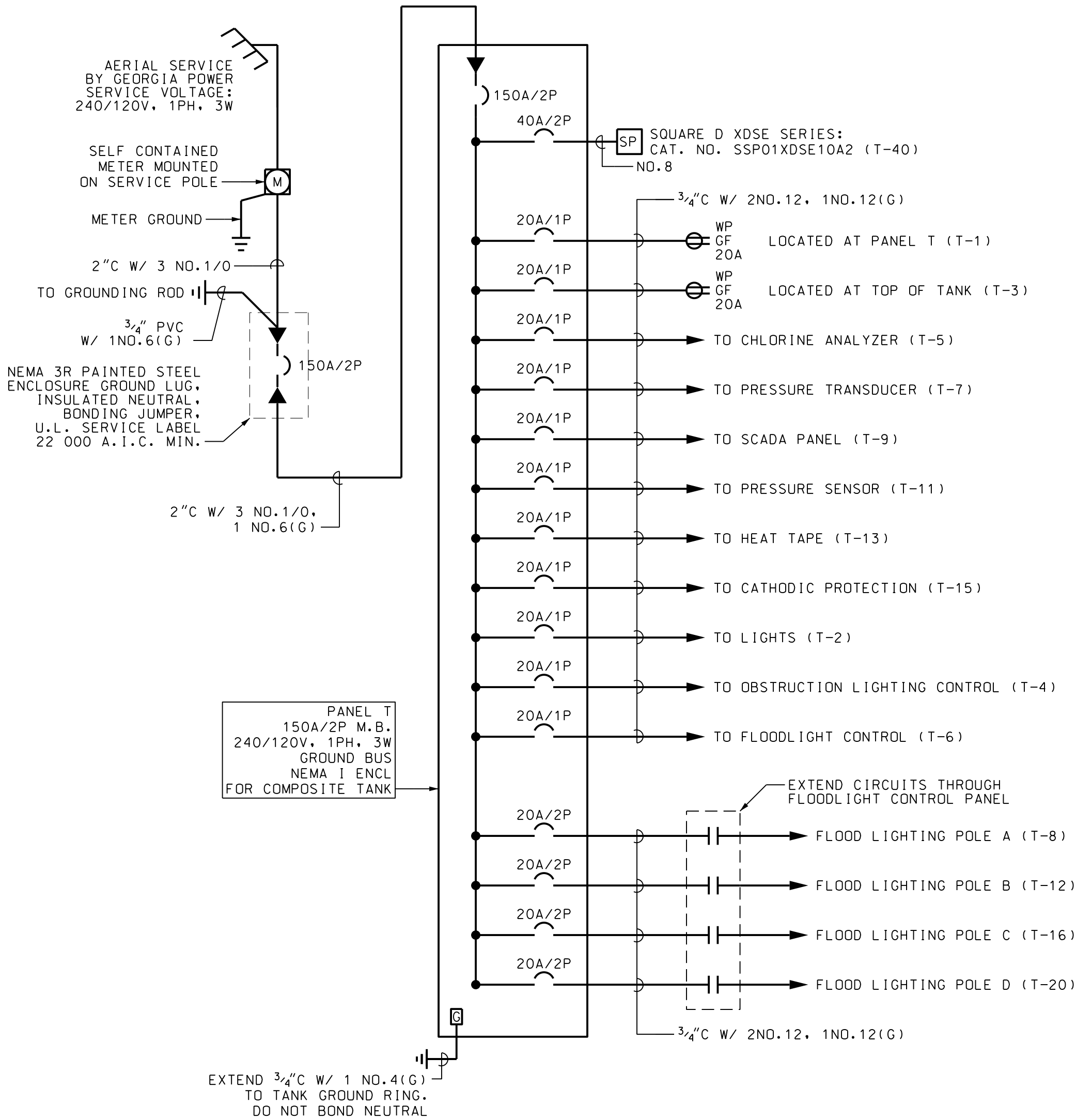
CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.: VERT.:

JOB NO: 30998.0000  
DATE: 10/3/2024  
DRAWN: JGS  
DESIGNED: JGS  
REVIEWED: MCF  
APPROVED: MCF  
SCALE: NONE

EC2.5





1 ONE-LINE DIAGRAM  
E4.1 SCALE: NONE

SCHEDULE PANELBOARD T											
	MAINS			VOLTAGE	PHASE	WIRE	MOUNTING				
	150	A	MB	120/240	1	3	SURFACE				
CIR.	TRIP/				CONNECTED	LOAD					
#	POLE	KVA	DESCRIPTION	PH. A	PH. B	DESCRIPTION	KVA	TRIP/	CIR		
1	20A/1P	0.40	RCPT BOTTOM OF TANK	1.4		LIGHTS	1.00	20A/1P	2		
3	20A/1P	0.20	RCPT TOP OF TANK		1.2	OBSTRUCTION LIGHTING CONTROL	1.00	20A/1P	4		
5	20A/1P	0.10	CHLORINE ANALYZER	0.2		FLOODLIGHT CONTROL	0.10	20A/1P	6		
7	20A/1P	0.10	PRESSURE TRANSDUCER		1.6	FLOOD LIGHTING POLE A	1.50	20A/2P	8		
9	20A/1P	0.10	SCADA	1.6		-	1.50	-	10		
11	20A/1P	0.10	PRESSURE SENSOR		1.6	FLOOD LIGHTING POLE B	1.50	20A/2P	12		
13	20A/1P	1.00	HEAT TAPE	2.5		-	1.50	-	14		
15	20A/1P	1.00	CATHODIC PROTECTION		2.5	FLOOD LIGHTING POLE C	1.50	20A/2P	16		
17	20A/1P	1.00	SUMP PUMP	2.5		-	1.50	-	18		
19	20A/1P		SPARE		1.5	FLOOD LIGHTING POLE D	1.50	20A/2P	20		
21	20A/1P		SPARE	1.5		-	1.50	-	22		
23	20A/1P		SPARE		0.0	SPARE		20A/2P	24		
25	20A/1P		SPARE	0.0		-		-	26		
27	20A/1P		SPARE		0.0	SPARE		20A/2P	28		
29	20A/1P		SPARE	0.0		-		-	30		
31	20A/1P		SPARE		0.0	SPARE		20A/2P	32		
33	20A/1P		SPARE	0.0		-		-	34		
35	20A/1P		SPARE		0.0	SPARE		20A/2P	36		
37	20A/1P		SPARE	0.0		-		-	38		
39	20A/1P		SPARE		0.0	SURGE PROTECTION		40A/2P	40		
41	20A/1P		SPARE	0.0		-		-	42		
MIN. BREAKER AC:				10 000	9.7	8.4	TOTAL CONNECTED LOAD	18.1			
NOTES:					9.6	8.3	TOTAL DEMAND LOAD	17.9			



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TANK ONE-LINE DIAGRAM  
AND PANEL SCHEDULE

EXIT 29 WATER PRODUCTION  
FACILITY & ELEVATED  
STORAGE TANK:  
DIVISION II REBID

PROJECT LOCATION:  
GLYNN COUNTY  
GEORGIA

CLIENT/OWNER:  
BRUNSWICK-GLYNN JOINT WATER & SEWER COMMISSION

DATUM: HORIZ.:

VERT.:

JOB NO: 30998.0000  
DATE: 02/05/2025  
DRAWN: JV  
DESIGNED: JV  
REVIEWED: PM  
APPROVED: PM  
SCALE: N.T.S.

E4.1



- ## 2 EQUIPMENT ELEVATION

E4.2 SCALE: N.T.S.



## E4.2