

HIGHWAY 17 NORTH PUMP STATION

MARCH, 2023

BRUNSWICK-GLYNN
JOINT WATER & SEWER COMMISSION
JWSC PROJECT #2109



COMMISSION MEMBERS:

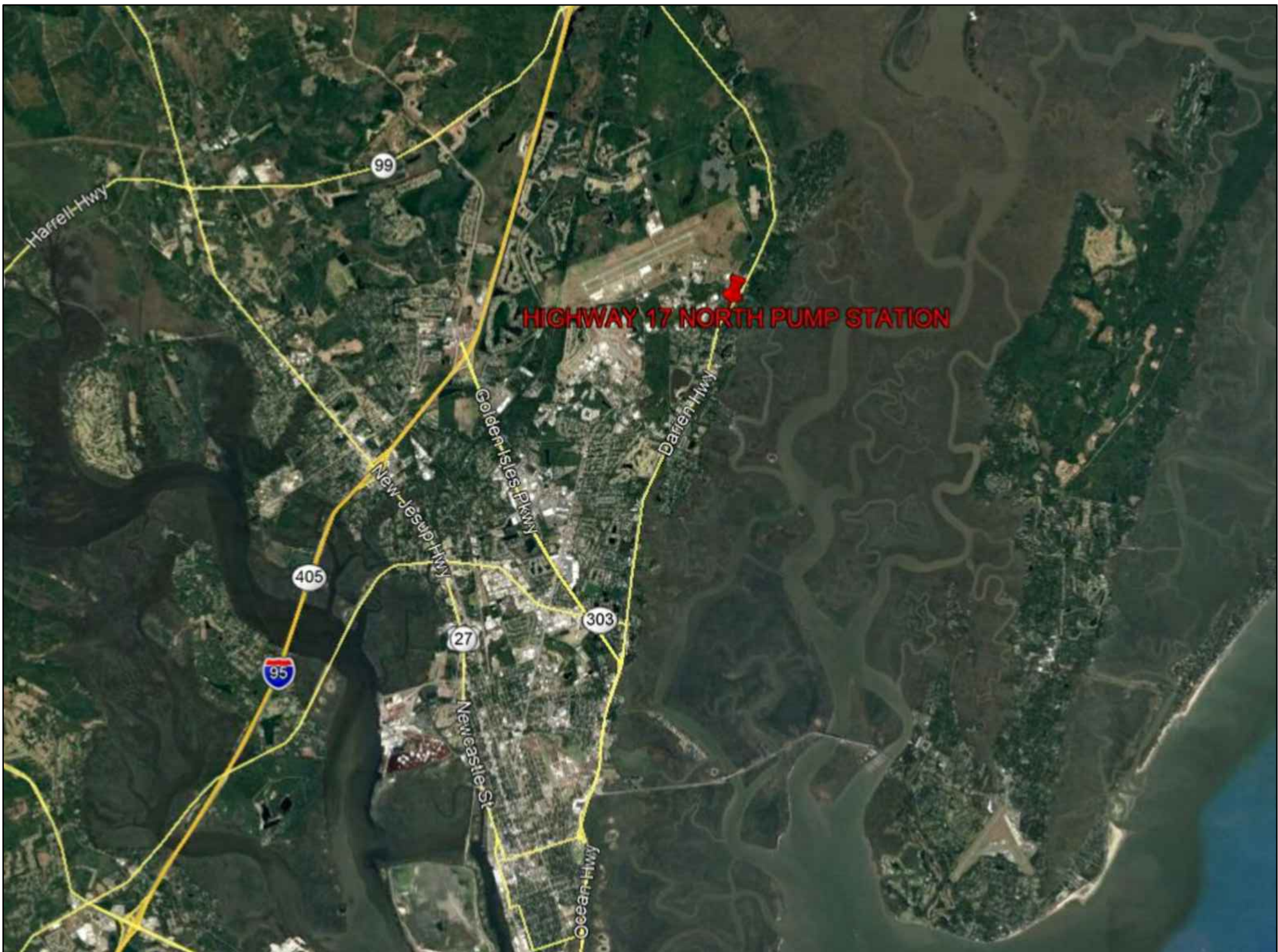
MR. BEN TURNIPSEED PE, CHAIRMAN
MR. TRIPP STEPHENS, VICE CHAIRMAN
MR. CHAD STRICKLAND
MR. CHARLES S. COOK
MR. CLAY WATSON
MRS. KENDRA ROLLE (CITY OF BRUNSWICK)
MR. WAYNE NEAL (GLYNN CO. BOC)

EXECUTIVE DIRECTOR:

MR. ANDREW BURROUGHS, PE

OWNER:
BRUNSWICK - GLYNN COUNTY
JOINT WATER AND SEWER COMMISSION
1703 GLOUCESTER STREET
BRUNSWICK, GEORGIA 31520

24-HOUR CONTACT: TODD KLINE, PE, DIRECTOR OF ENGINEERING
EMERGENCY NUMBER: (912) 634-0258
PLANNING AND CONSTRUCTION DIVISION: (912) 261-7126



VICINITY MAP
SCALE: NTS

DRAWING INDEX	
SHEET NO.	SHEET TITLE
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I-1	INTER-CONNECTING DIAGRAM

NOTES:
CONTRACTOR SHALL NOTIFY BGJWSC PLANNING AND CONSTRUCTION DIVISION 48 HOURS BEFORE STARTING WORK ON THIS PROJECT.



CALL BEFORE YOU DIG!
At least 72 hours prior to commencement of the work, the Contractor is responsible for calling the Utilities Protection Center (UPC) at 1-800-282-7411, to request underground utility locate service.



BRUNSWICK-GLYNN COUNTY
JOINT WATER & SEWER COMMISSION
PLANNING & CONSTRUCTION DIVISION
1703 Gloucester Street
Brunswick, Georgia 31520
(912) 261-7110 Phone
(912) 261-7178 Fax
www.bgjwsc.org

COMMENTS:	
NO.	T.KLINE COMMENTS
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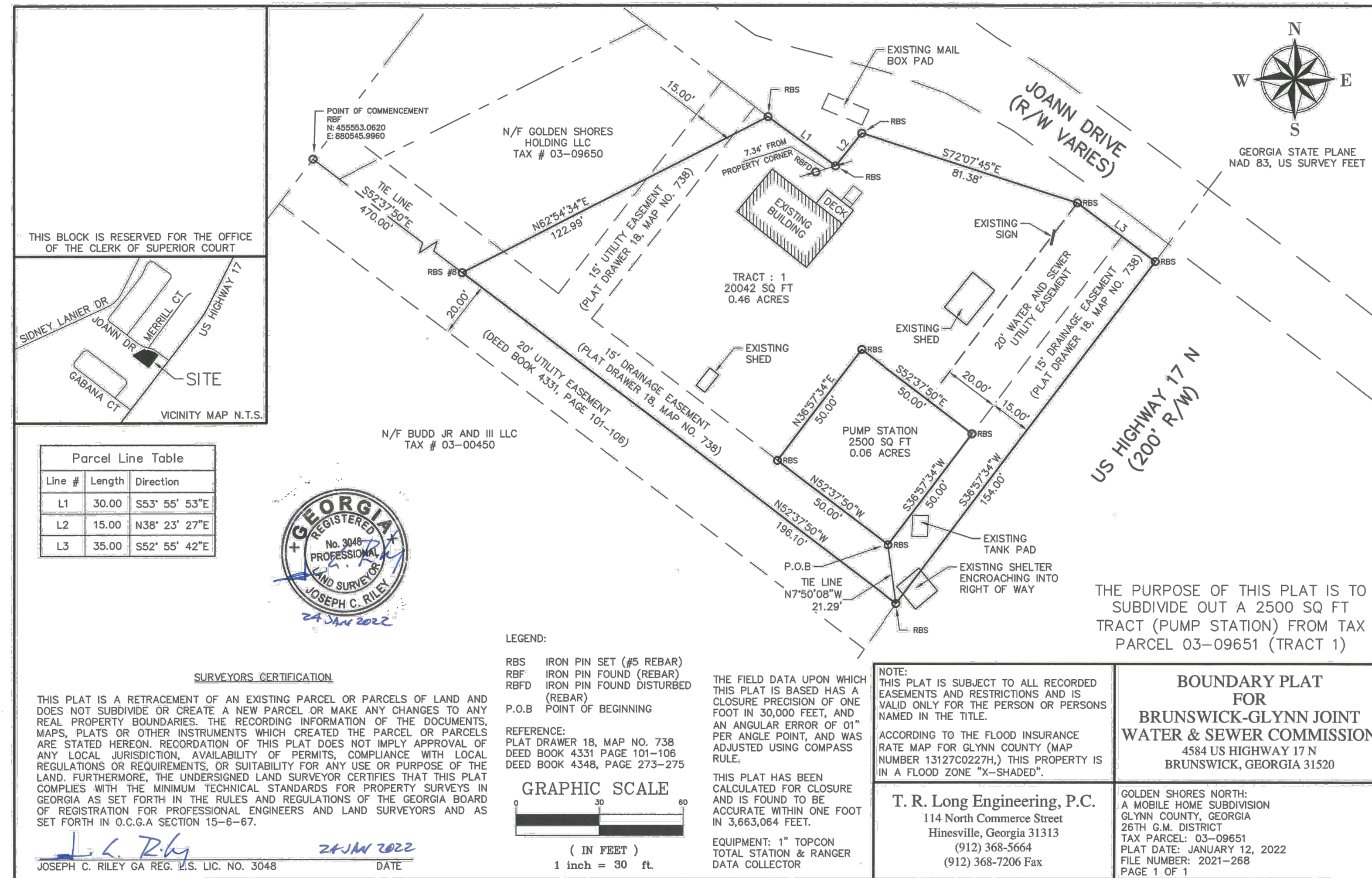
HIGHWAY 17 NORTH PUMP STATION
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

FILE NO.: PROJ. #2109
DATE: MAR 20, 2023
SCALE: AS SHOWN
DRAWN BY: HP

SHEET NO.:
T-1
OF 1



At least 72 hours prior to commencement of the work, the Contractor is responsible for calling the Utilities Protection Center (UPC) at 1-800-282-7411, to request underground utility locate service.



SURVEY INFO FROM AND SURVEY DONE
BY: T.R. LONG ENGINEERING, P.C.
DATED JANUARY 24, 2022

FILE NO.: PROJ. #2109
DATE: MAR 20, 2023
SCALE: AS SHOWN
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SHEET NO.:

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OF 1

HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION
SURVEY PLAT

SURVEY PLAT

REVISIONS

COMMENTS:

DATE _____

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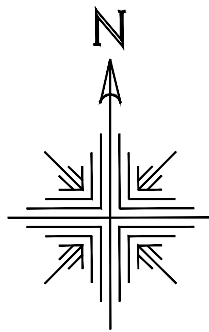
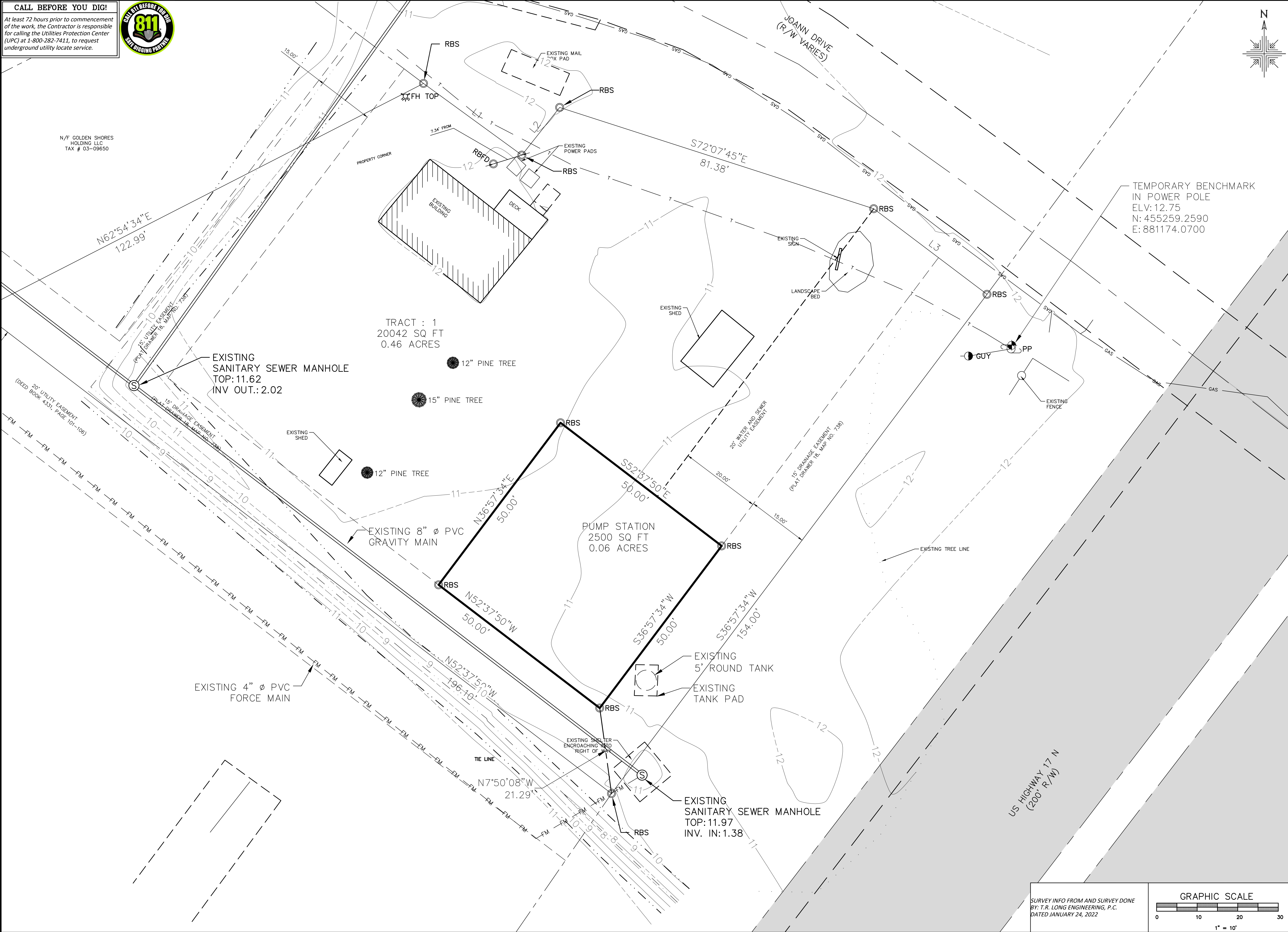
**BRUNSWICK-GLYNN COUNTY
JOINT WATER & SEWER COMMISSION
PLANNING & CONSTRUCTION DIVISION**

1703 Gloucester Street
Brunswick, Georgia 31520
(912) 261-7110 Phone
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www.bgwsc.org

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N/F GOLDEN SHORES
HOLDING LLC
TAX # 03-09650



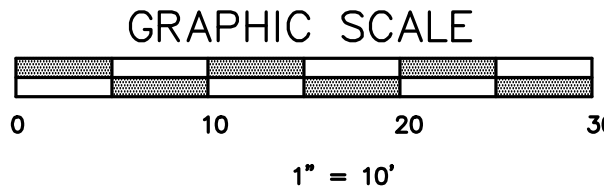
**BRUNSWICK-GLYNN COUNTY
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1703 Gloucester Street
Brunswick, Georgia 31520
(912) 261-7110 Phone
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COMMENTS:	
NO.	T. KLINE COMMENTS
1	

HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

FILE NO.: PROJ. #2109	DATE: MAR 20, 2023	SCALE: AS SHOWN	DRAWN BY: TIP
SHEET NO.:			

SURVEY INFO FROM AND SURVEY DONE
BY: T.R. LONG ENGINEERING, P.C.
DATED JANUARY 24, 2022

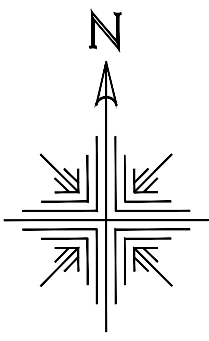


P-1
OF 8

CALL BEFORE YOU DIG!
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N/F GOLDEN SHORES
HOLDING LLC
TAX # 03-09650

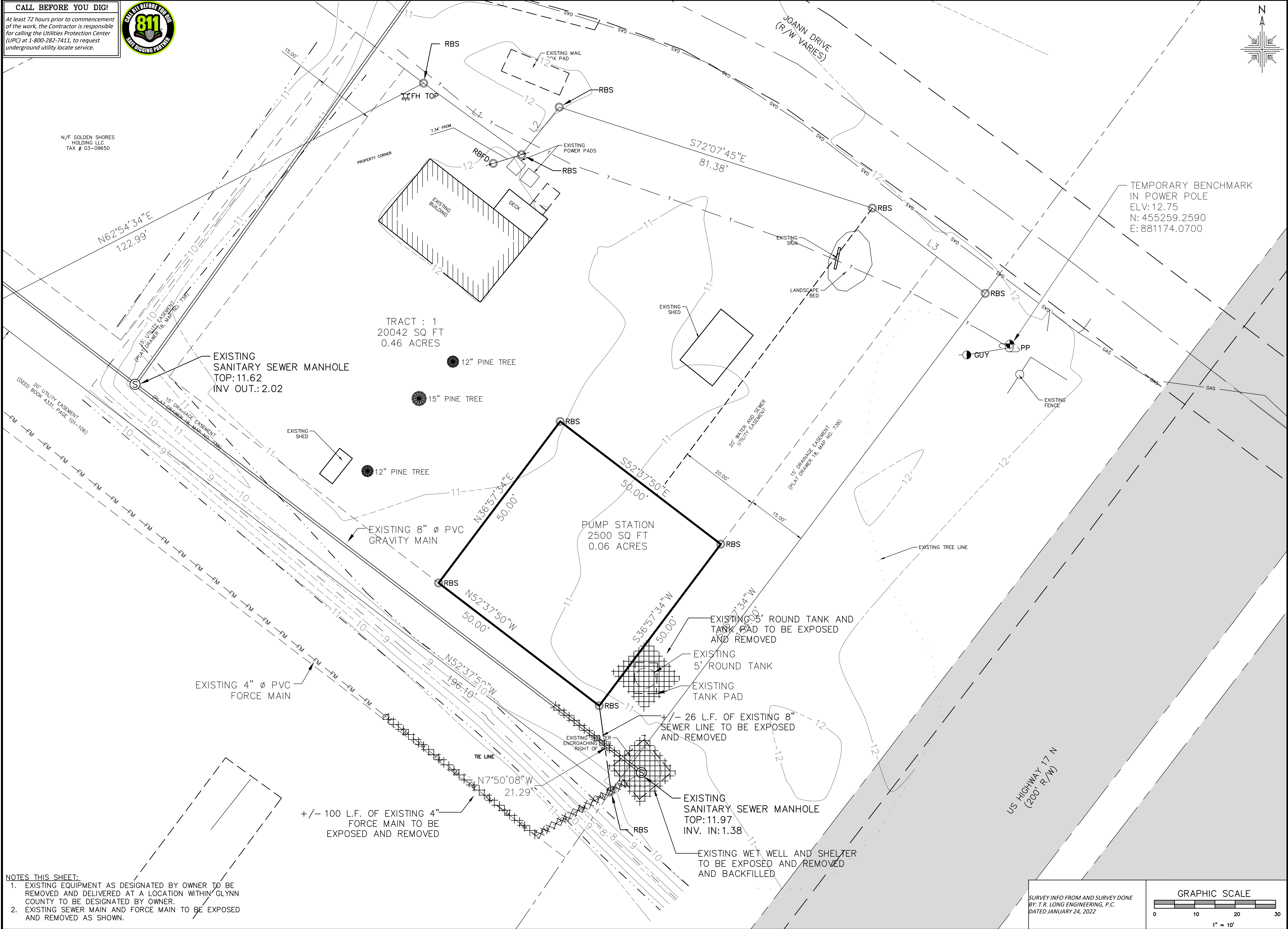


**BRUNSWICK-GLYNN COUNTY
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www.bjwsc.org

COMMENTS:	
NO.	DATE
1	04/27/2022
2	04/28/2022
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6	-

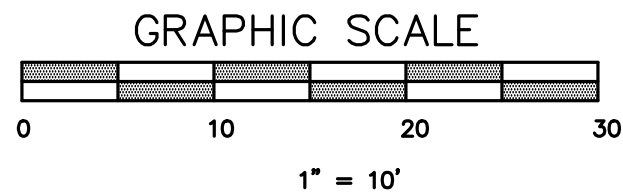
HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

FILE NO.: PROJ. #2109	DATE: JUNE 01, 2022	SCALE: AS SHOWN	DRAWN BY: TIP
SHEET NO.: P-2			



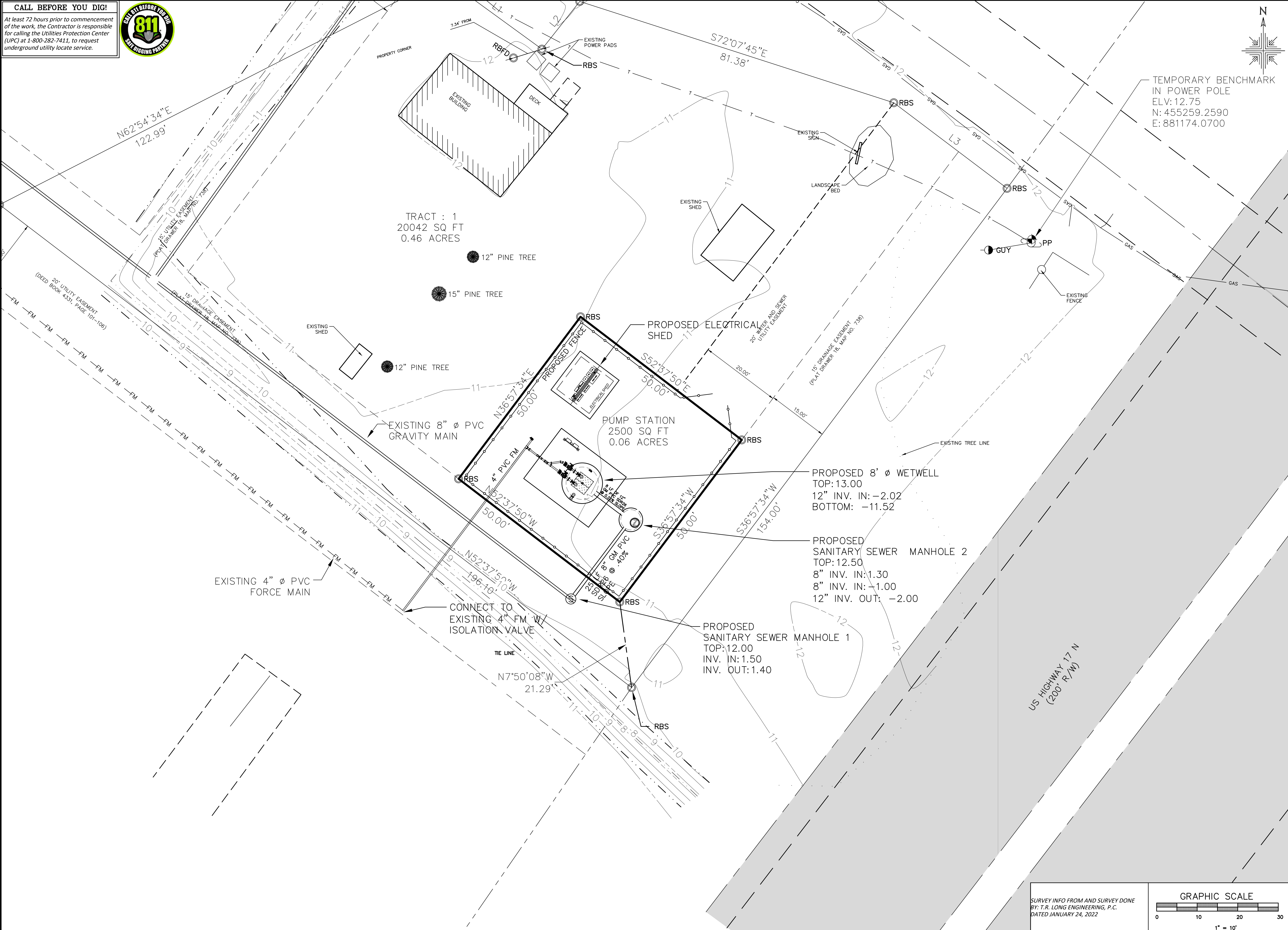
- NOTES THIS SHEET:
- EXISTING EQUIPMENT AS DESIGNATED BY OWNER TO BE REMOVED AND DELIVERED AT A LOCATION WITHIN GLYNN COUNTY TO BE DESIGNATED BY OWNER.
 - EXISTING SEWER MAIN AND FORCE MAIN TO BE EXPOSED AND REMOVED AS SHOWN.

SURVEY INFO FROM AND SURVEY DONE
BY: T.R. LONG ENGINEERING, P.C.
DATED JANUARY 24, 2022

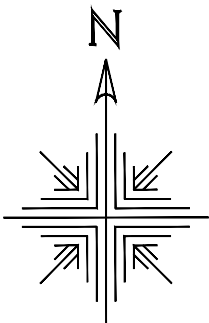


GRAPHIC SCALE
0 10 20 30
1" = 10'

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TEMPORARY BENCHMARK
IN POWER POLE
ELV: 12.75
N: 455259.2590
E: 881174.0700



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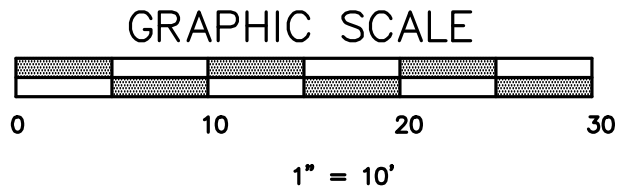
COMMENTS:	
NO.	DATE
1	04/27/2022
2	04/28/2022
K. YOUNG COMMENTS	
T. KLINE COMMENTS	

HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

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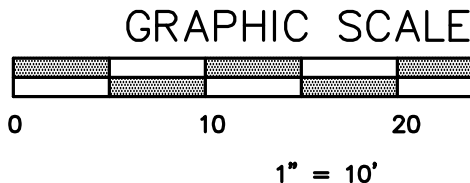
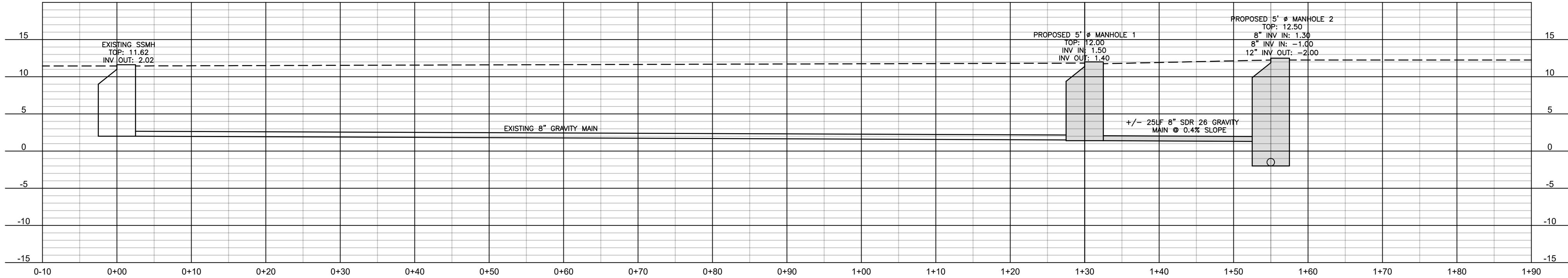
SHEET NO.:
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OF 8

SURVEY INFO FROM AND SURVEY DONE
BY: T.R. LONG ENGINEERING, P.C.
DATED JANUARY 24, 2022



REVISIONS

SITE (PROPOSED)



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NO.	DATE	COMMENTS
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HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

PROPOSED PROFILE

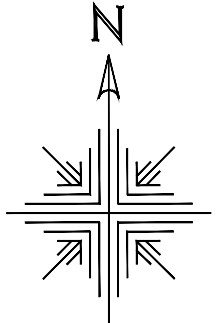
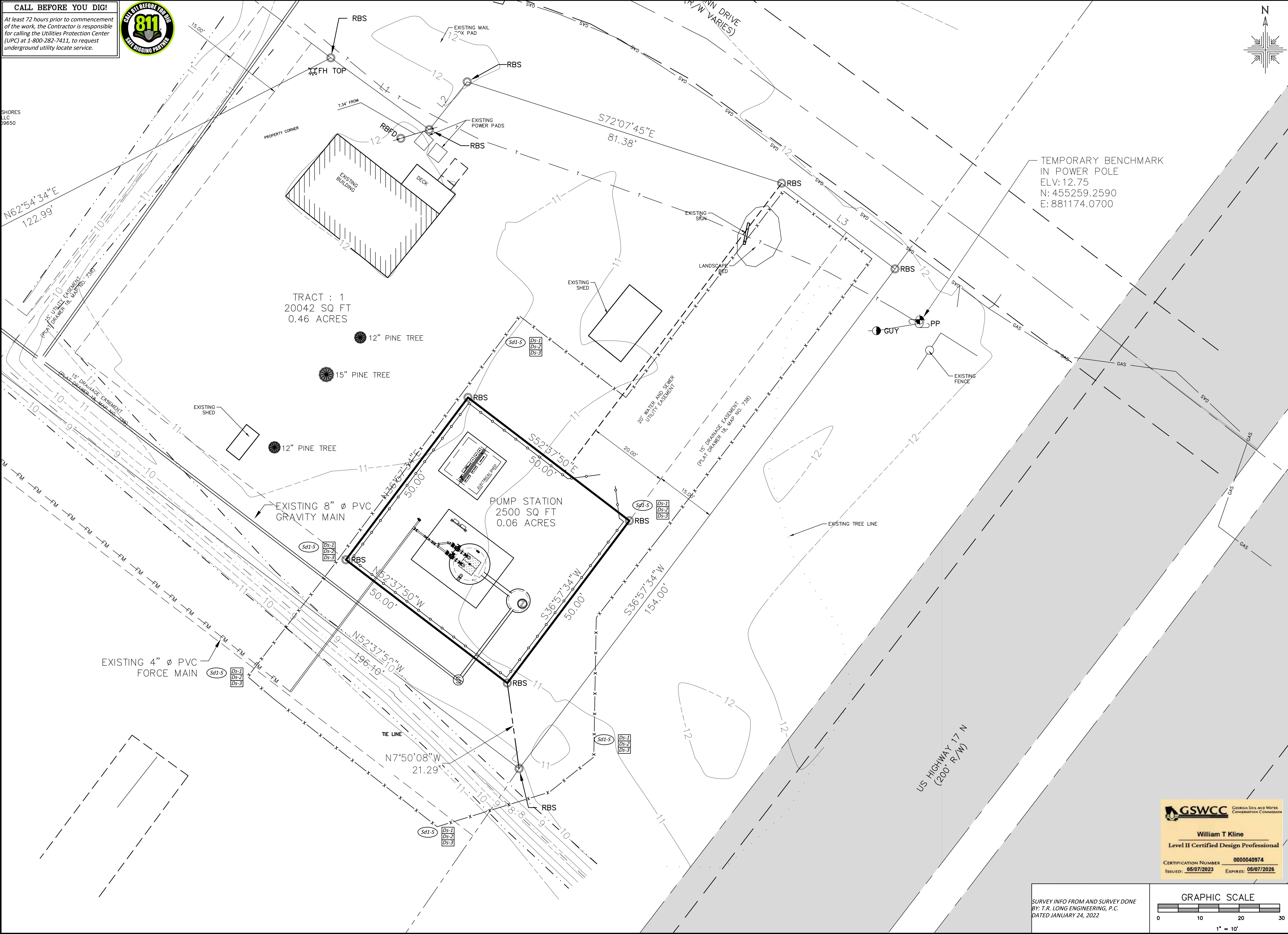
FILE NO.: PROJ. #2109	DATE: MAR 20, 2023	SCALE: AS SHOWN	DRAWN BY: HP
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SHEET NO.:
P-5

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SHORES LLC
09650



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Brunswick, Georgia 31520
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(912) 261-7178 Fax
www.bgwswc.org

COMMENTS:	
NO.:	DATE:
1	04/27/2022
2	05/19/2023
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K. YOUNG COMMENTS	
E&S CARD UPDATED	

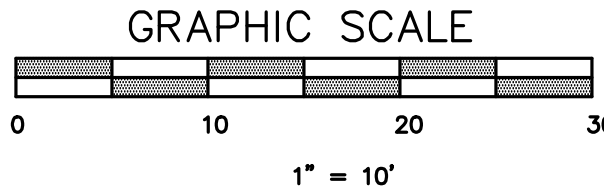
HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION
EROSION & SEDIMENTATION CONTROL PLAN

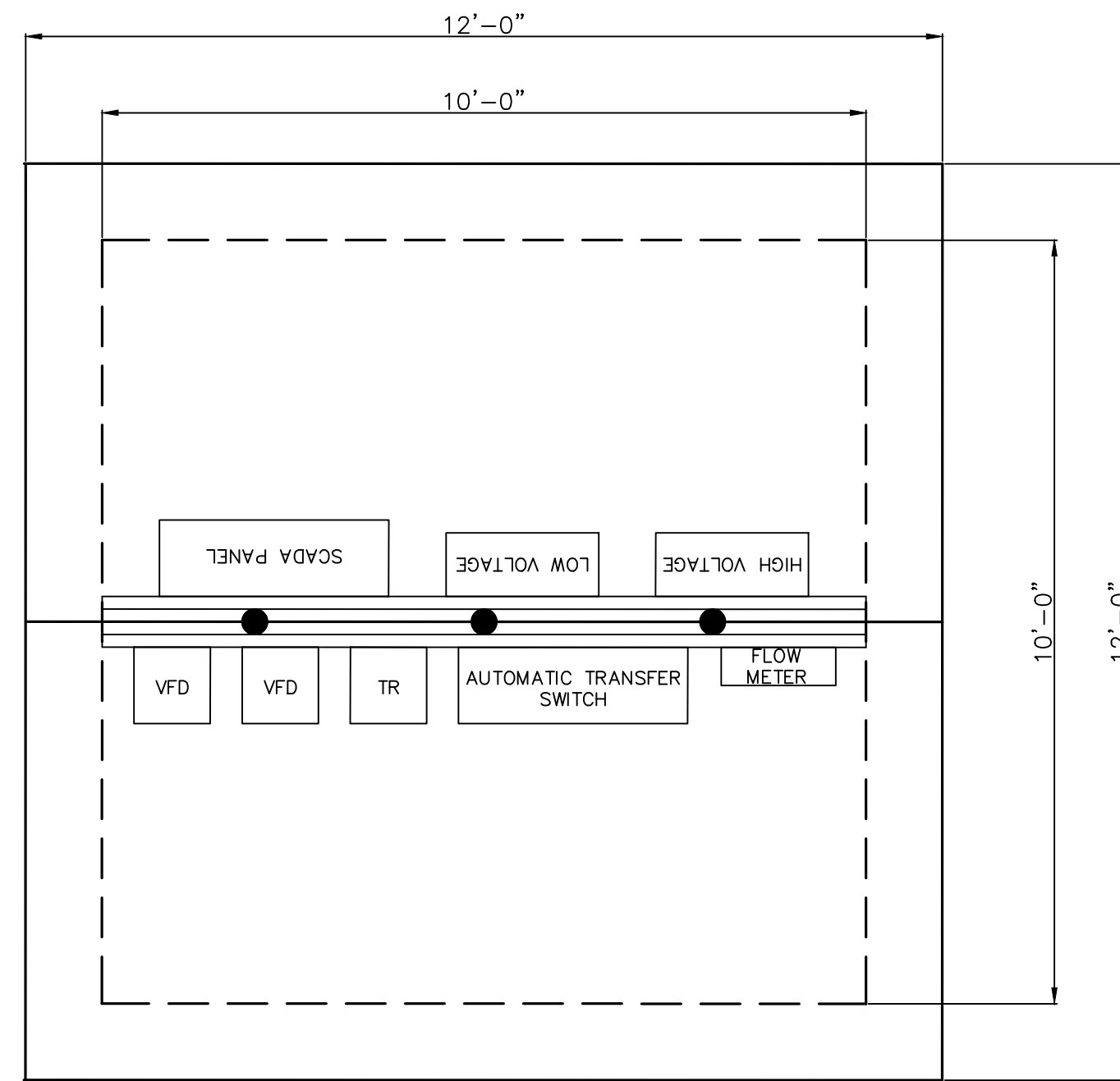
FILE NO.:	PROJ. #2109
DATE:	MAR 20, 2023
SCALE:	AS SHOWN
DRAWN BY:	HP

SHEET NO.:
P-6
OF 8

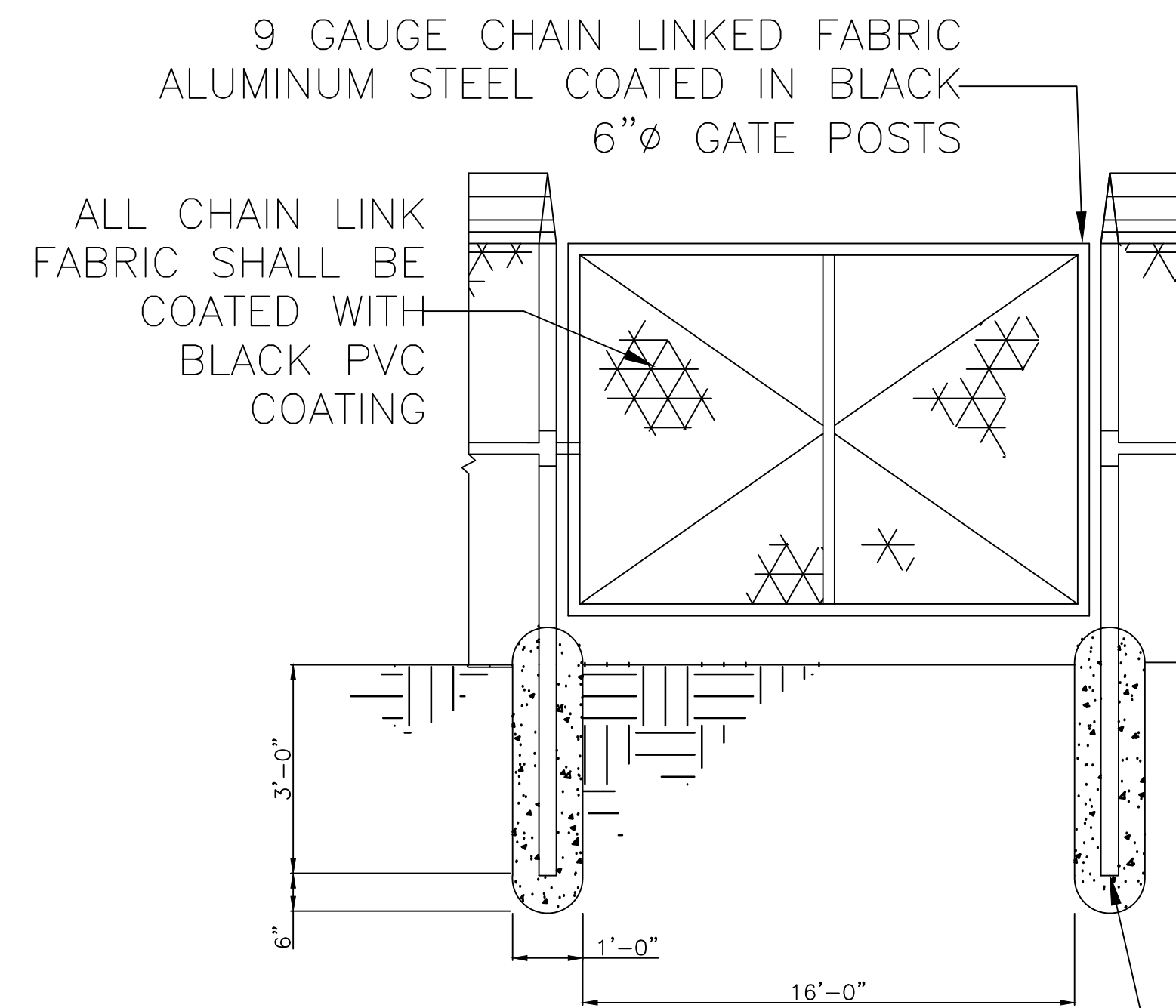


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DATED JANUARY 24, 2022

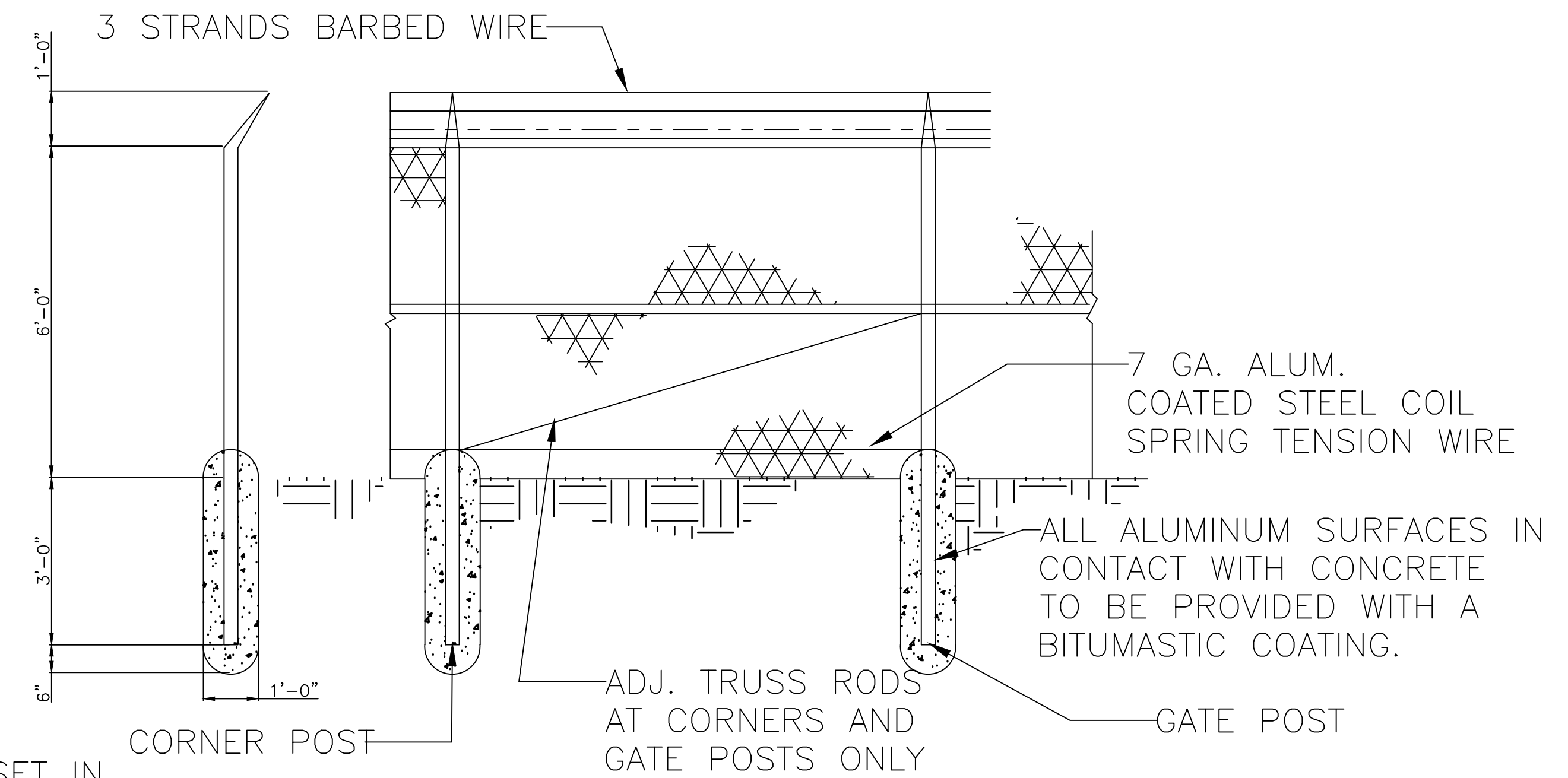




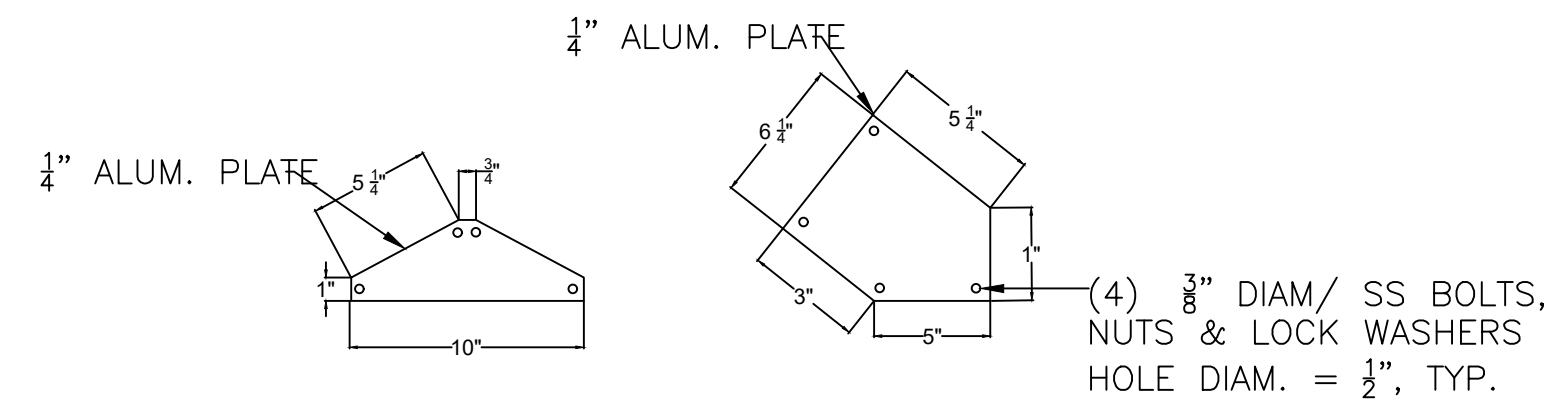
ELECTRICAL SHED PLAN VIEW



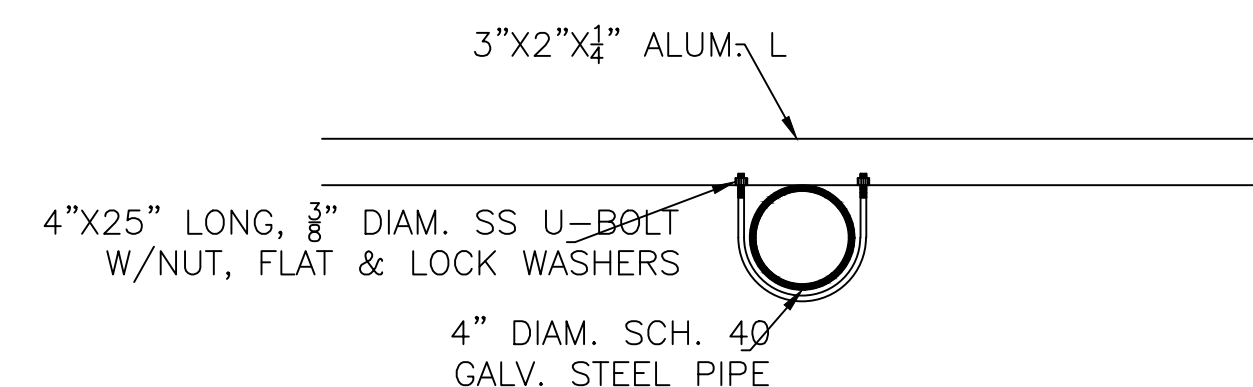
ACCESS GATE
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FENCE
N.T.S

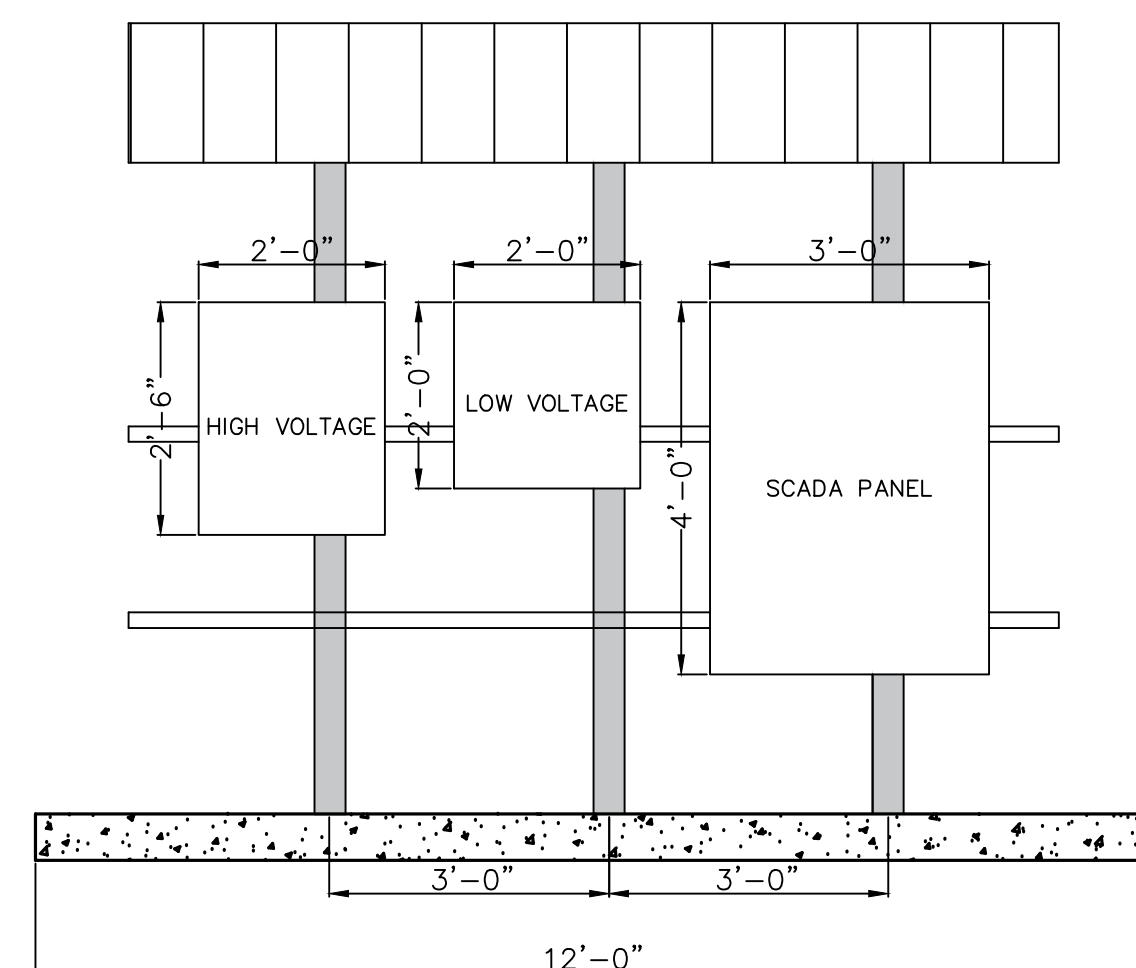


GUSSET PLATE DETAILS
SCALE: N.T.S.

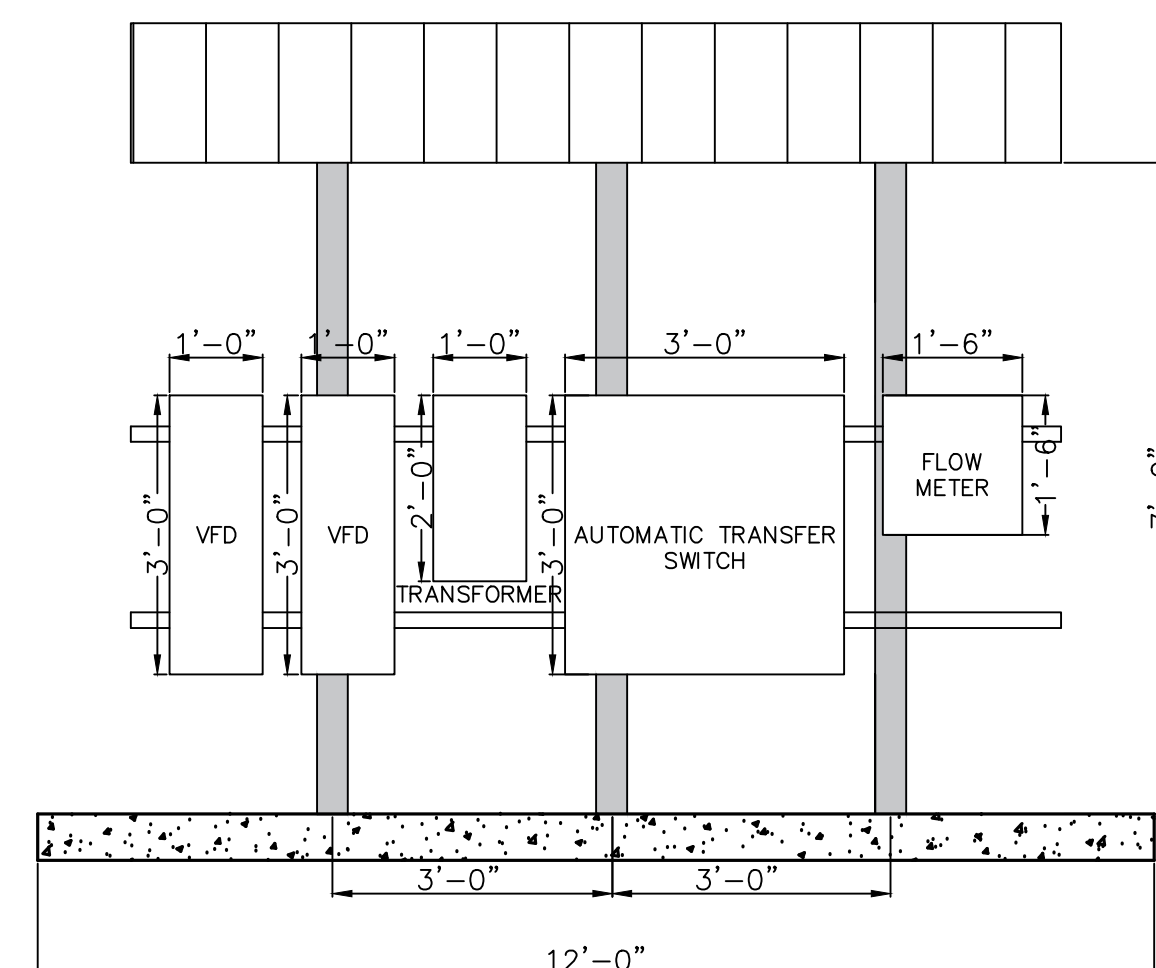


POST CONNECTION
SCALE: N.T.S.

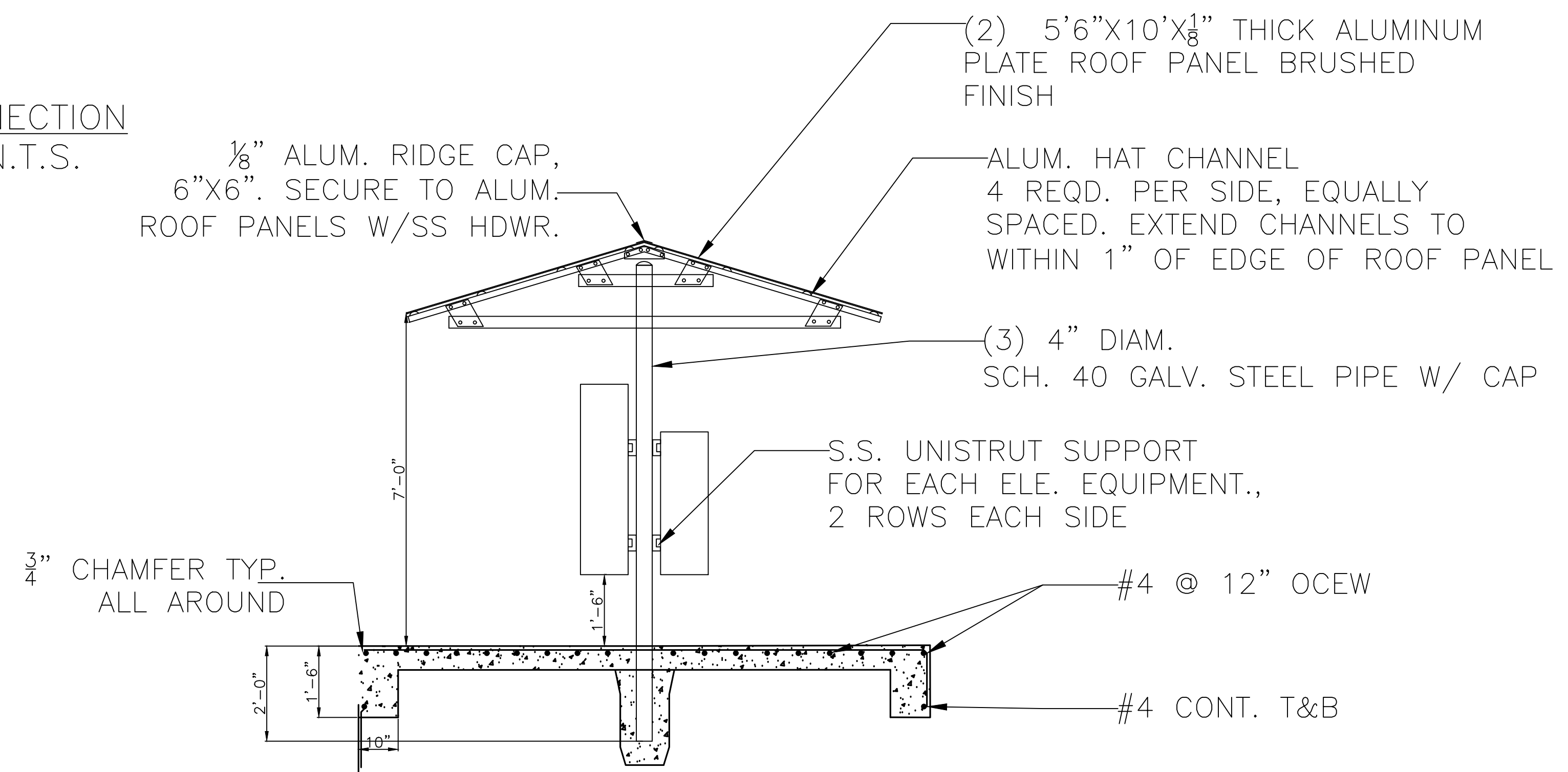
ALL ATTACHMENT HARDWARE SHALL BE 316 STAINLESS STEEL. FASTENERS SHALL BE GASKETED TYPE. ROOF TO BE WELDED ON TO ALUM. HAT CHANNEL.



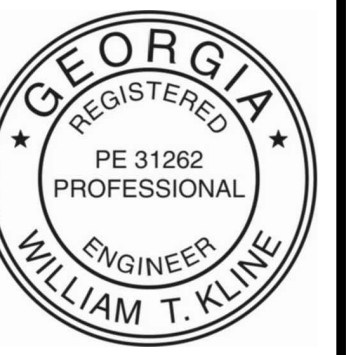
ELECTRICAL LAYOUT FRONT



ELECTRICAL LAYOUT BACK



ELECTRICAL LAYOUT SIDE



BRUNSWICK-GLYNN COUNTY
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PLANNING & CONSTRUCTION DIVISION
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www.bjwsc.org

NO.	DATE	COMMENTS
1	04/27/2022	K. YOUNG COMMENTS
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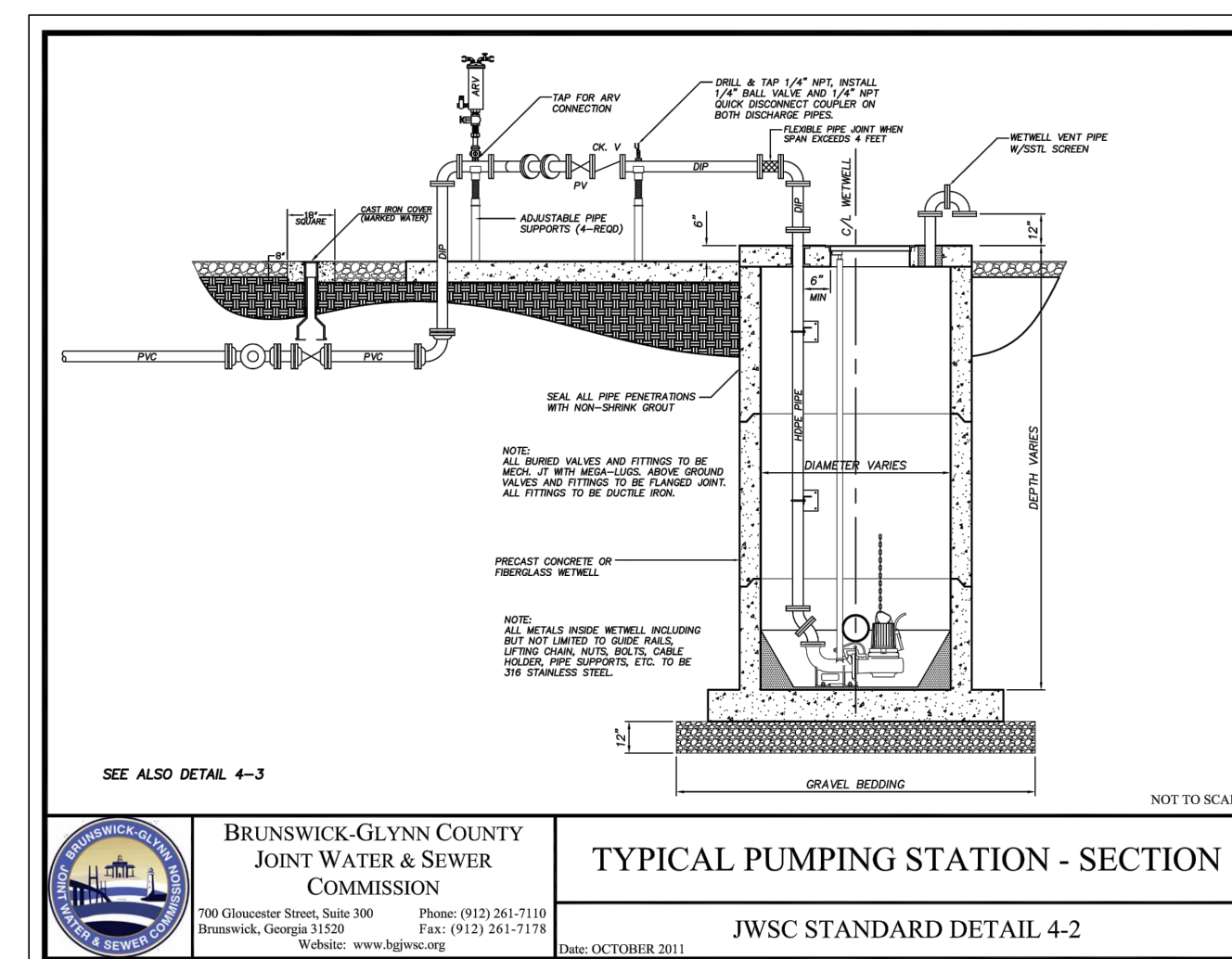
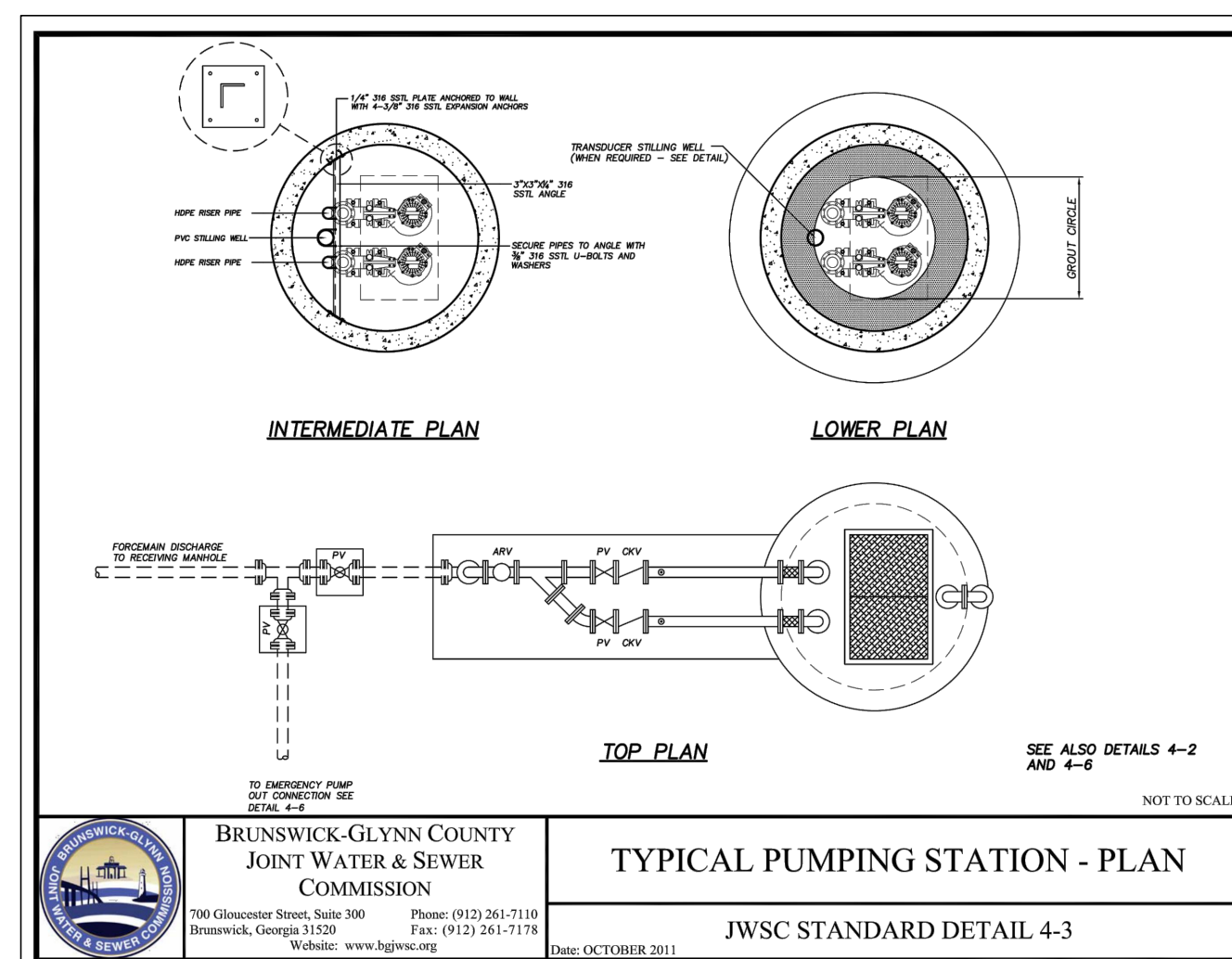
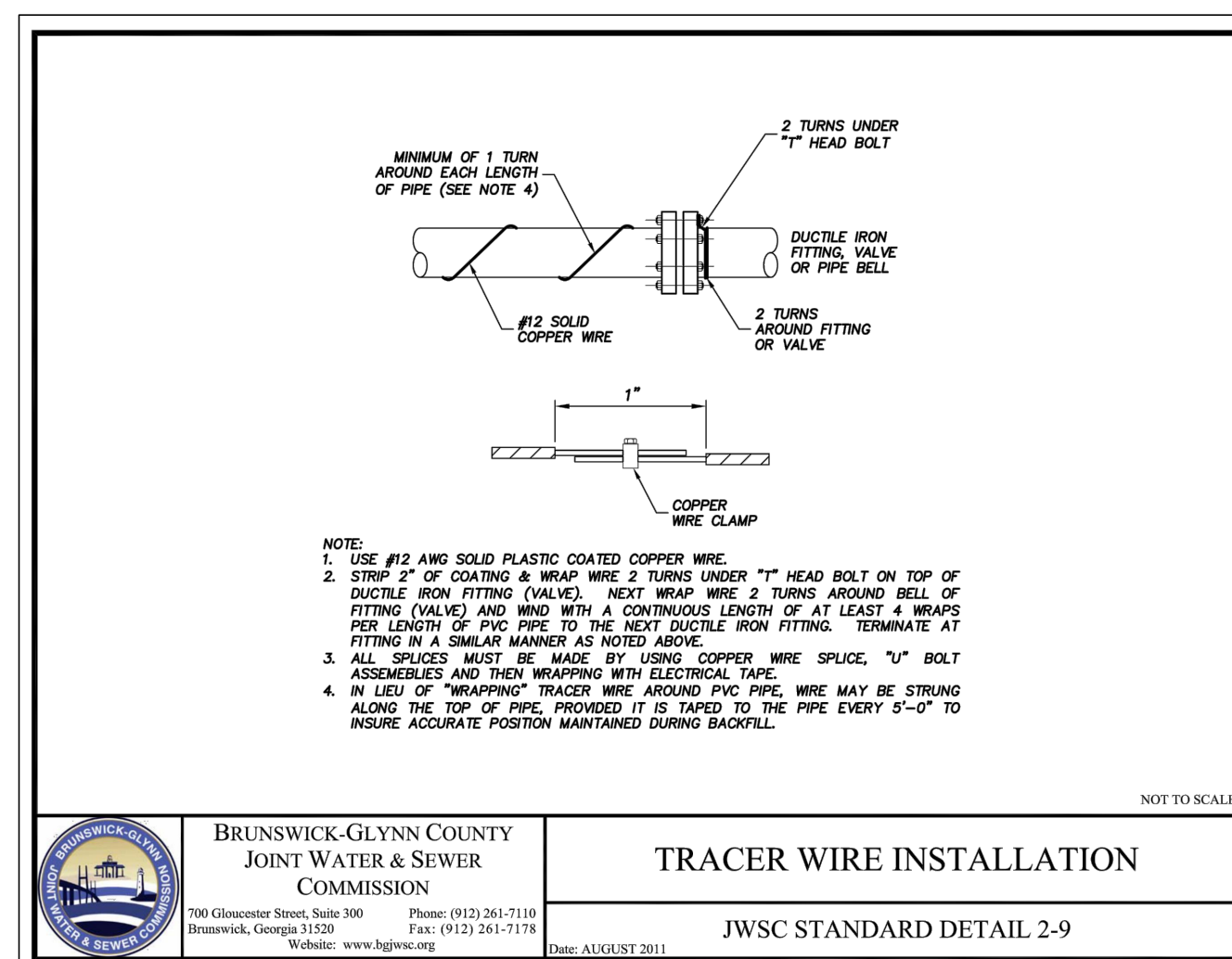
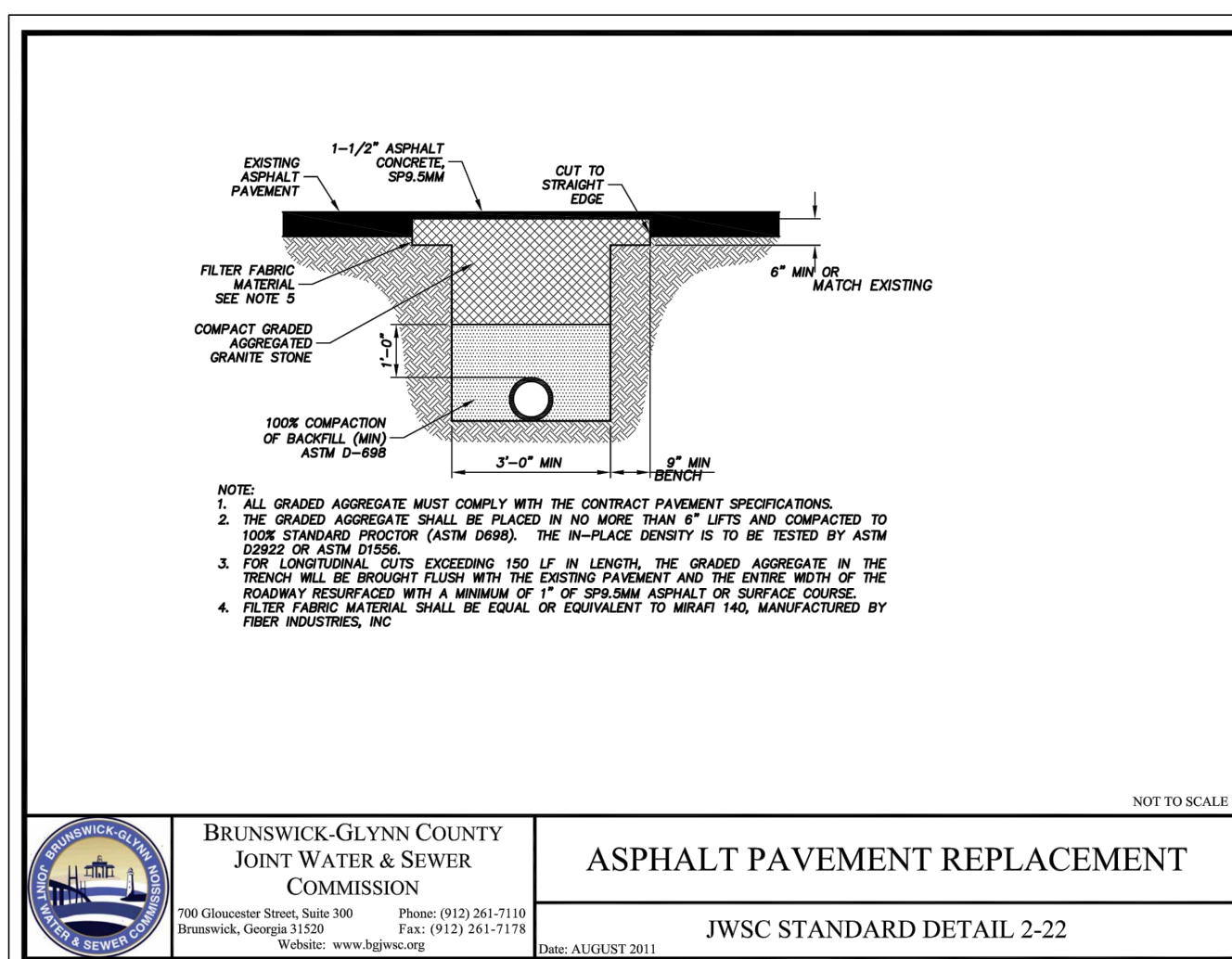
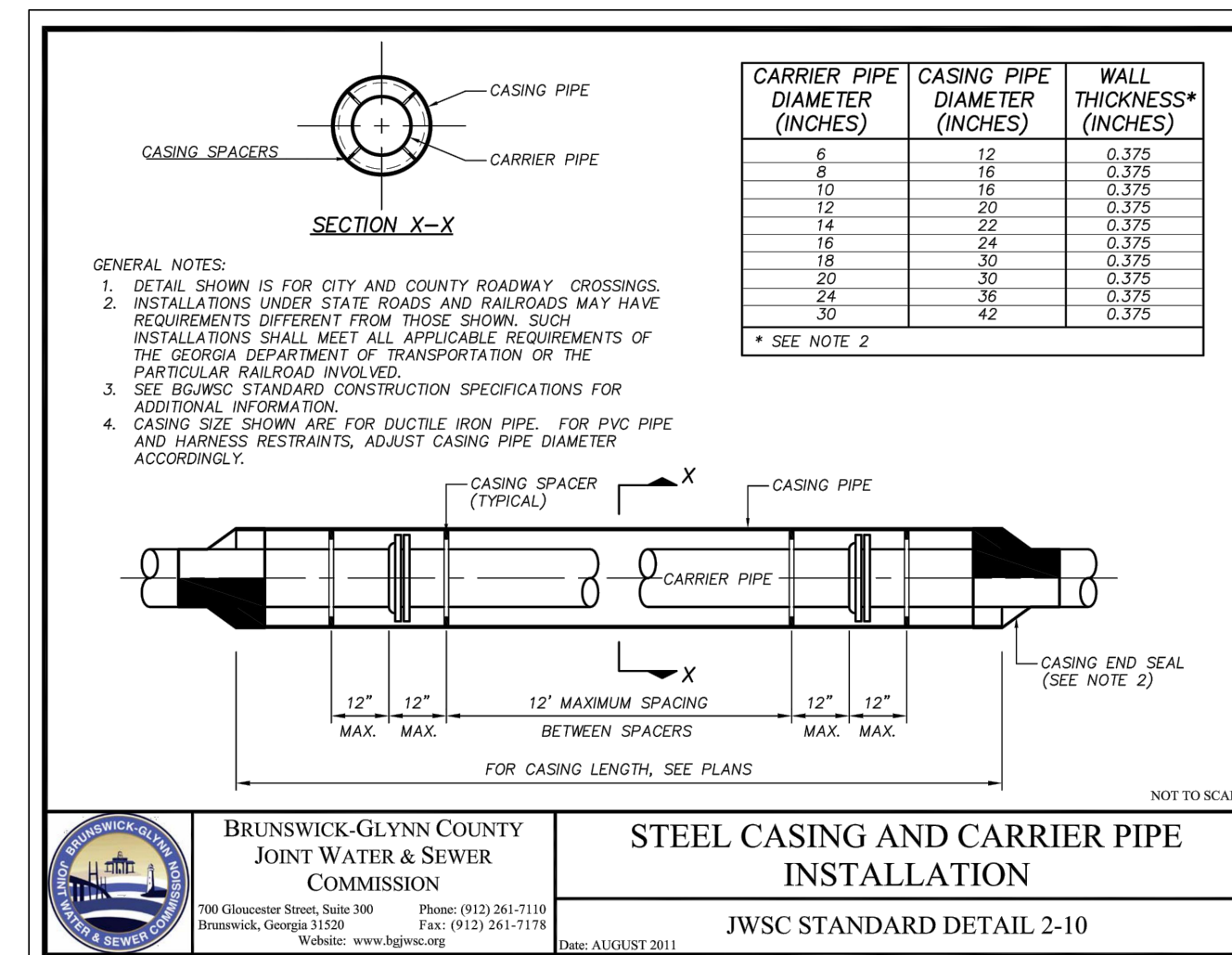
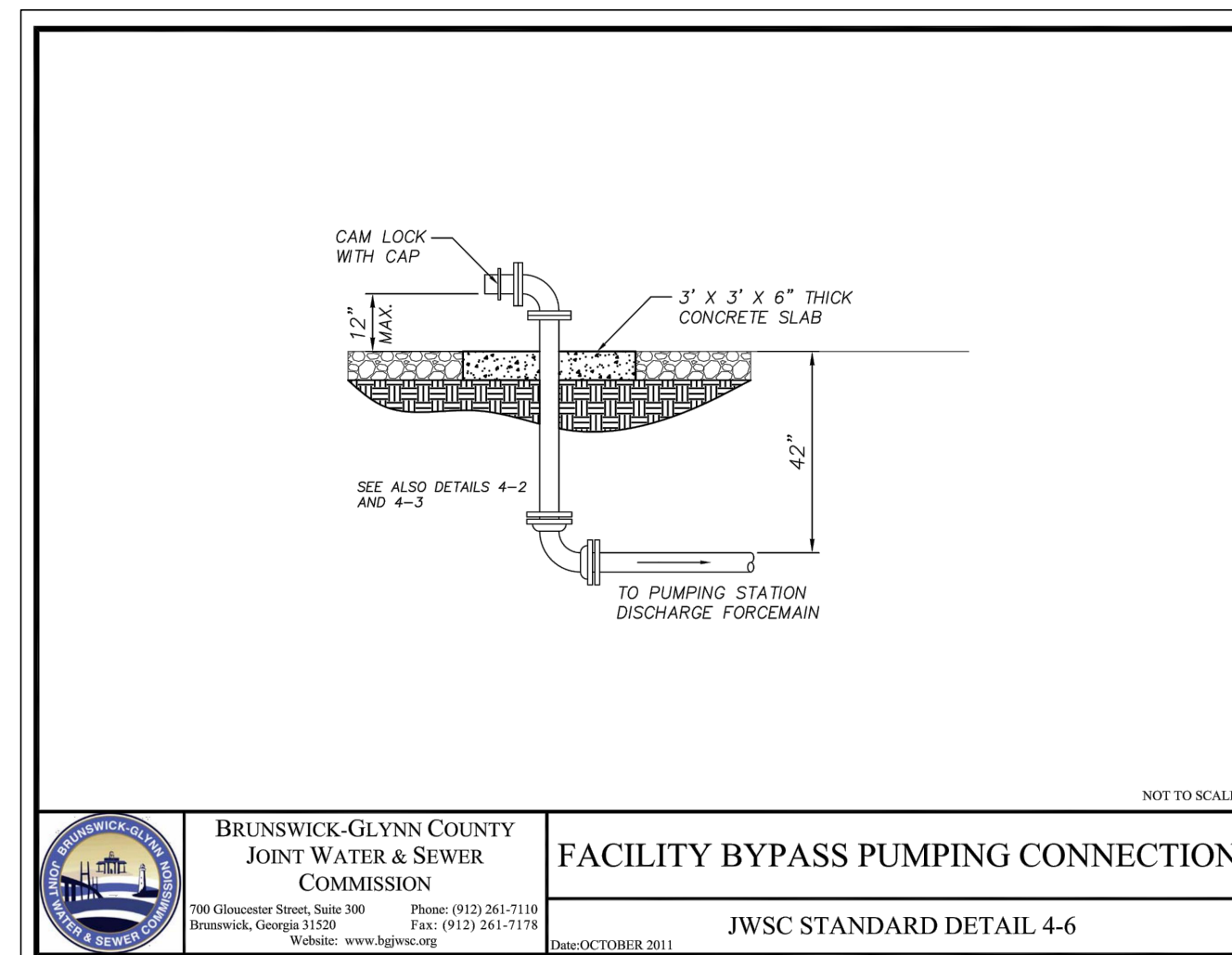
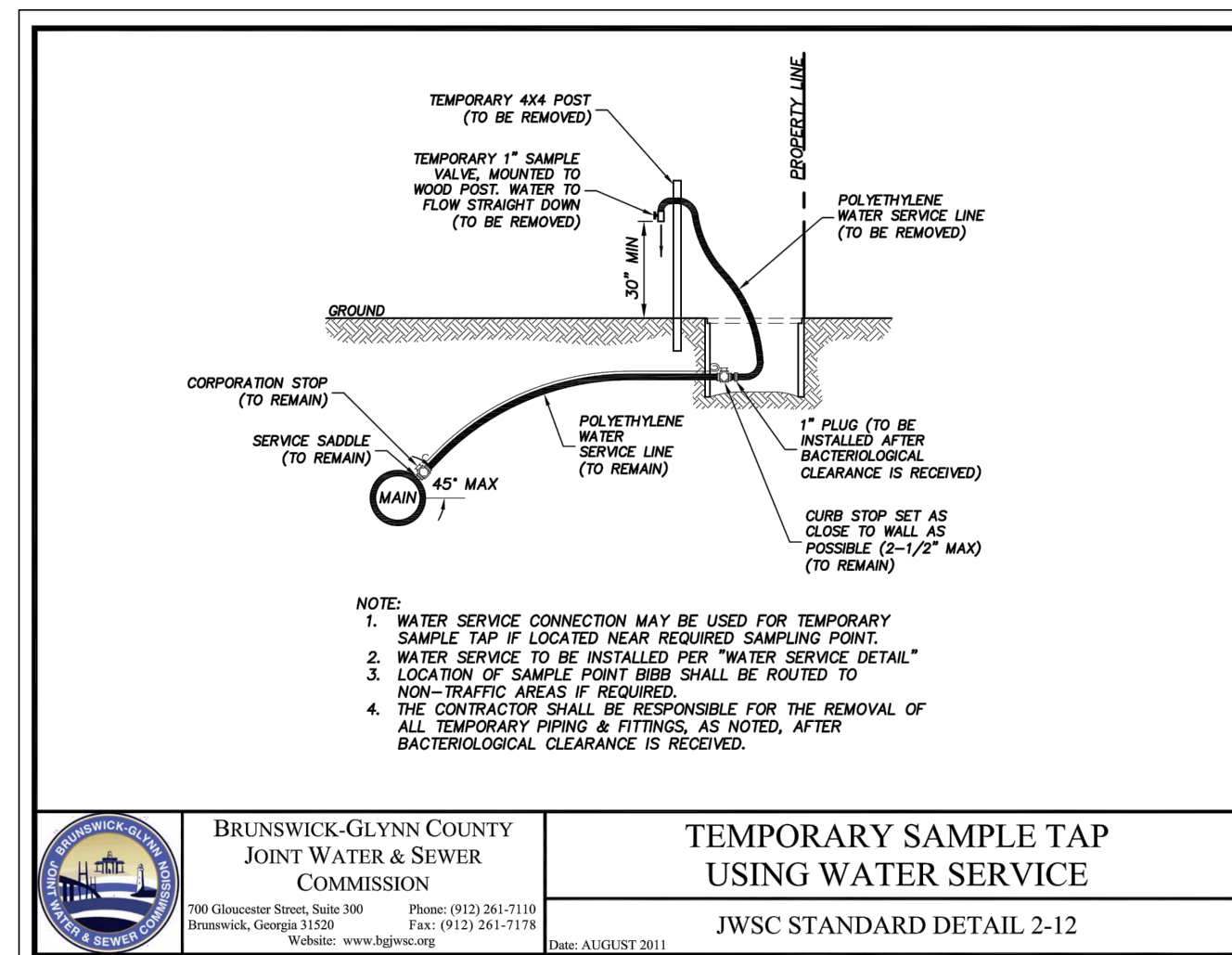
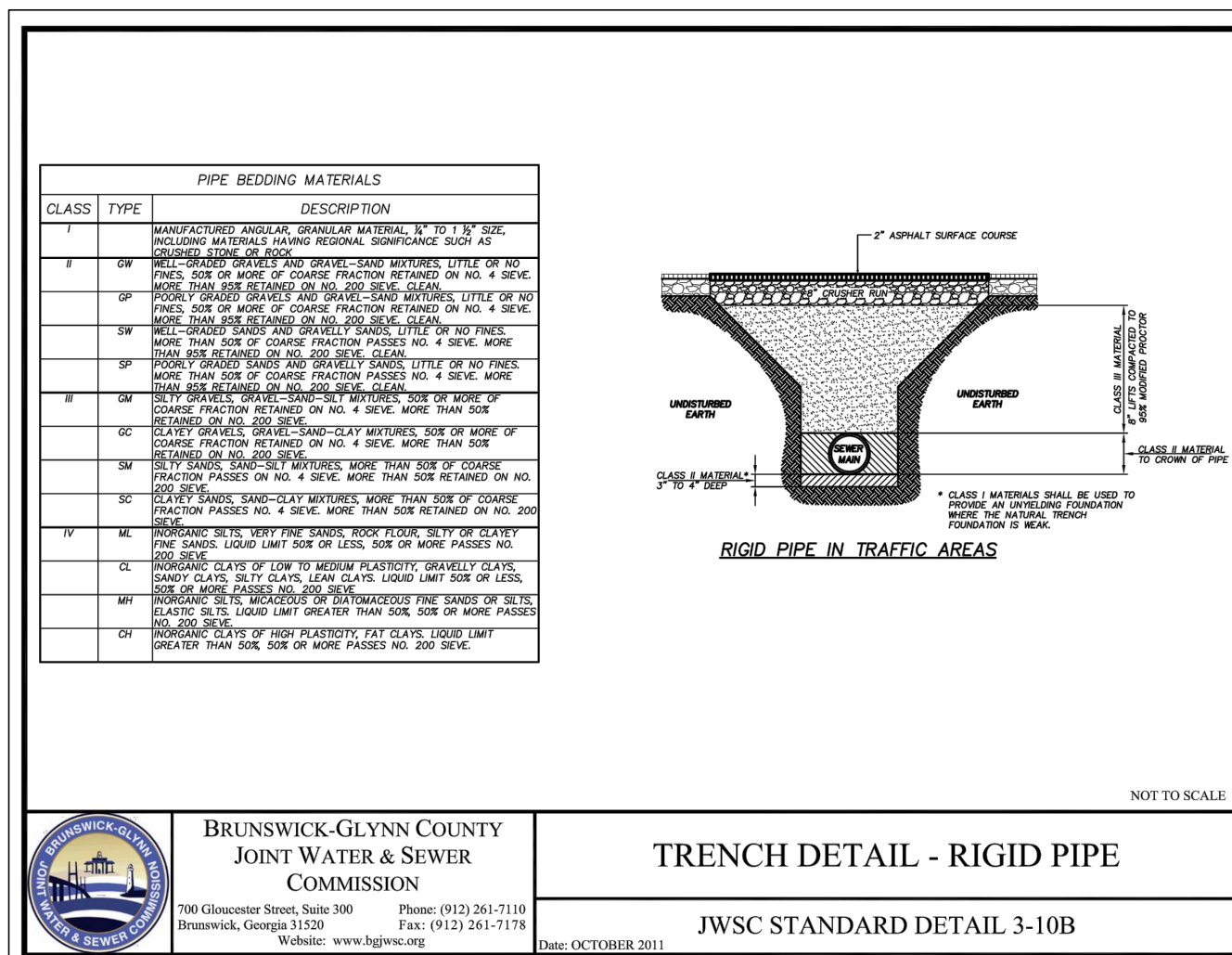
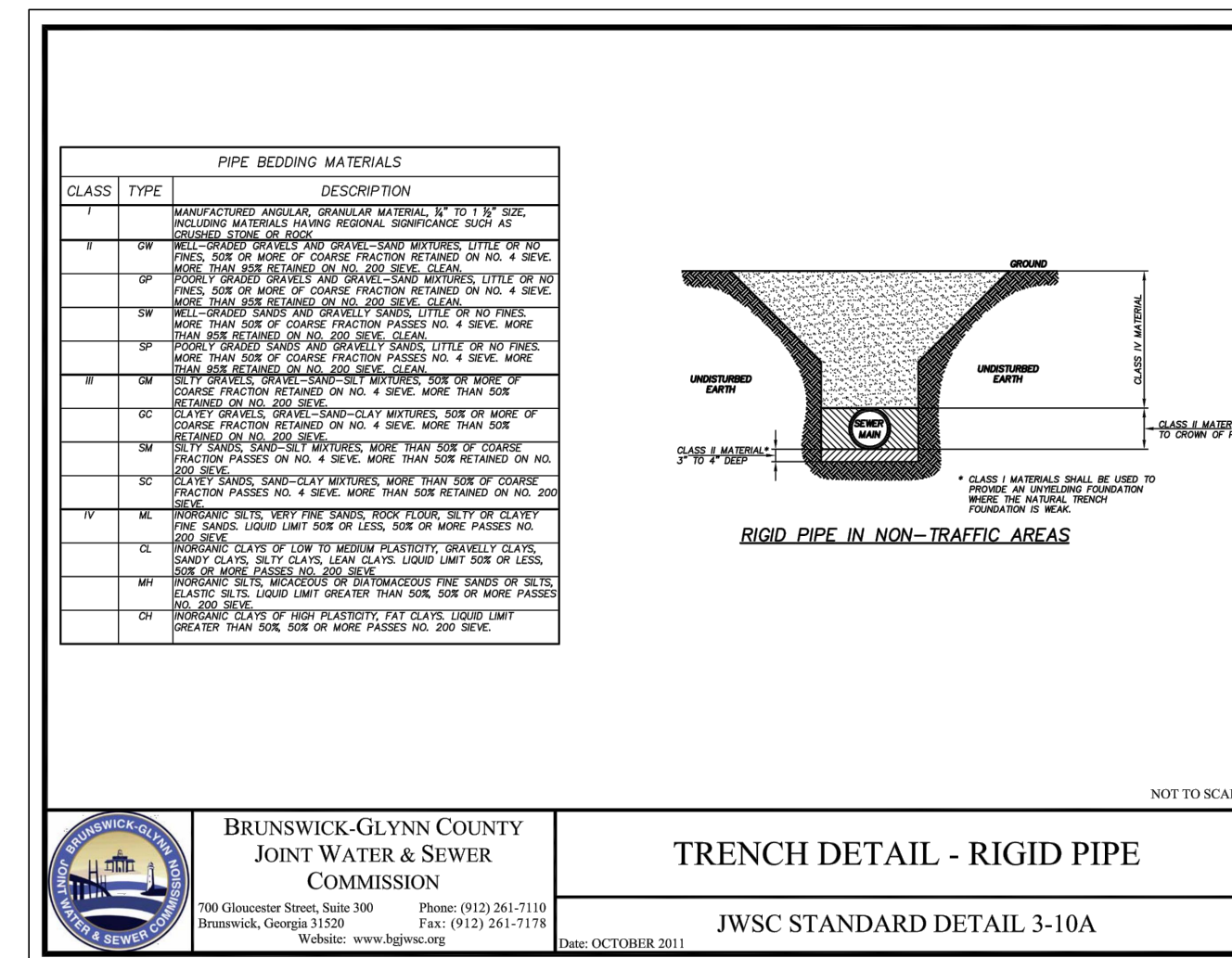
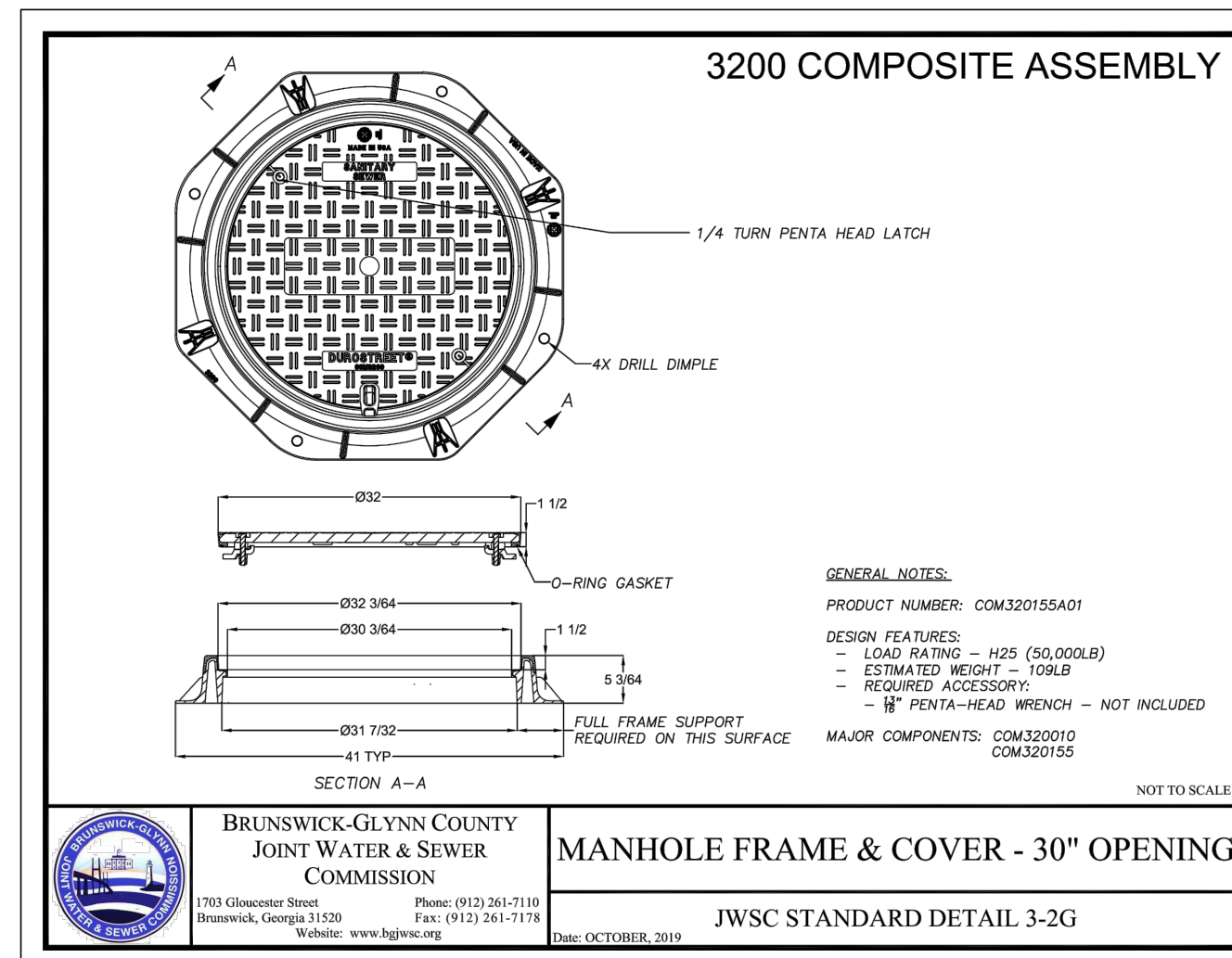
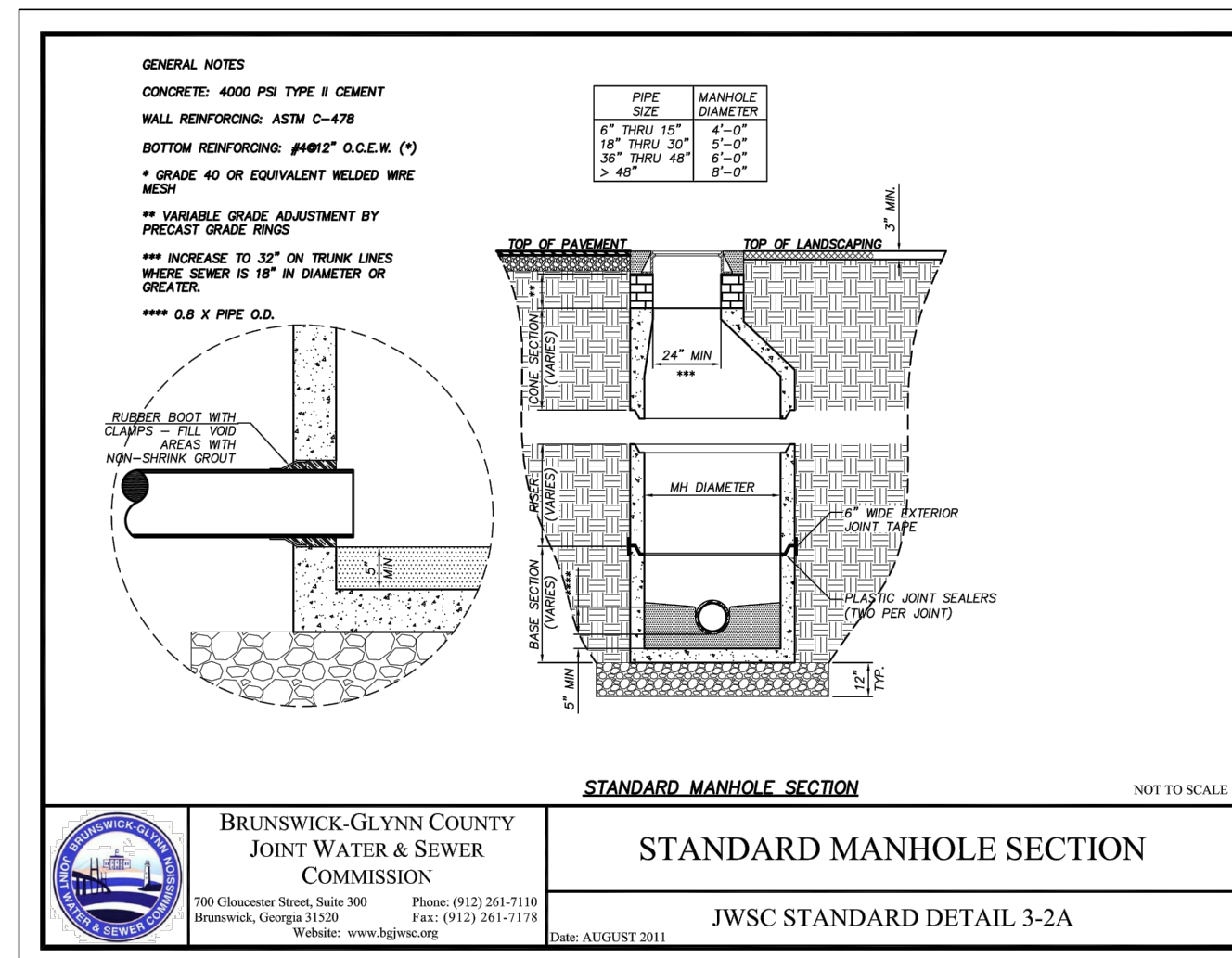
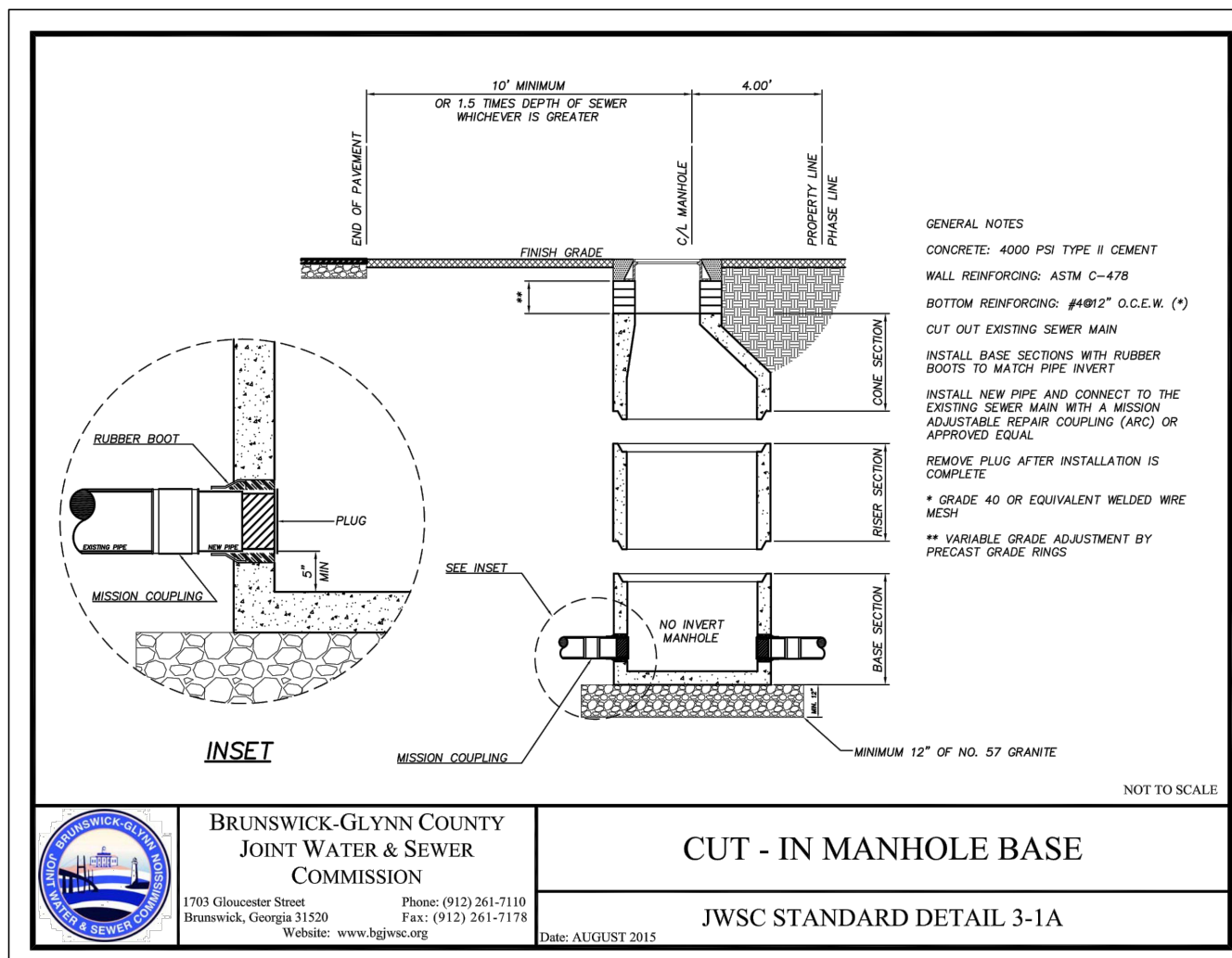
HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

FILE NO.: PROJ. #2109	DATE: MAR 20, 2023	SCALE: AS SHOWN	DRAWN BY: HP
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SHEET NO.: P-7



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**BRUNSWICK-GLYNN COUNTY
JOINT WATER & SEWER COMMISSION
PLANNING & CONSTRUCTION DIVISION**

703 Gloucester Street
Brunswick, Georgia 31520
(912) 261-7110 Phone
(912) 261-7178 Fax
planning@brunswick-jwc.org

NO.:	DATE:	COMMENTS:
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REVISIONS

HIGHWAY 17 NORTH PUMP STATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION
JWSC DETAILS

JWSC DETAILS

FILE NO.:	PROJ. #2109
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SCALE:	AS SHOWN
DRAWN BY:	HP

SHEET NO.:

P-8

OF



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DEFINITIONS
GEC – GROUNDING ELECTRODE
CONDUCTOR PER NEC TABLE 250.66

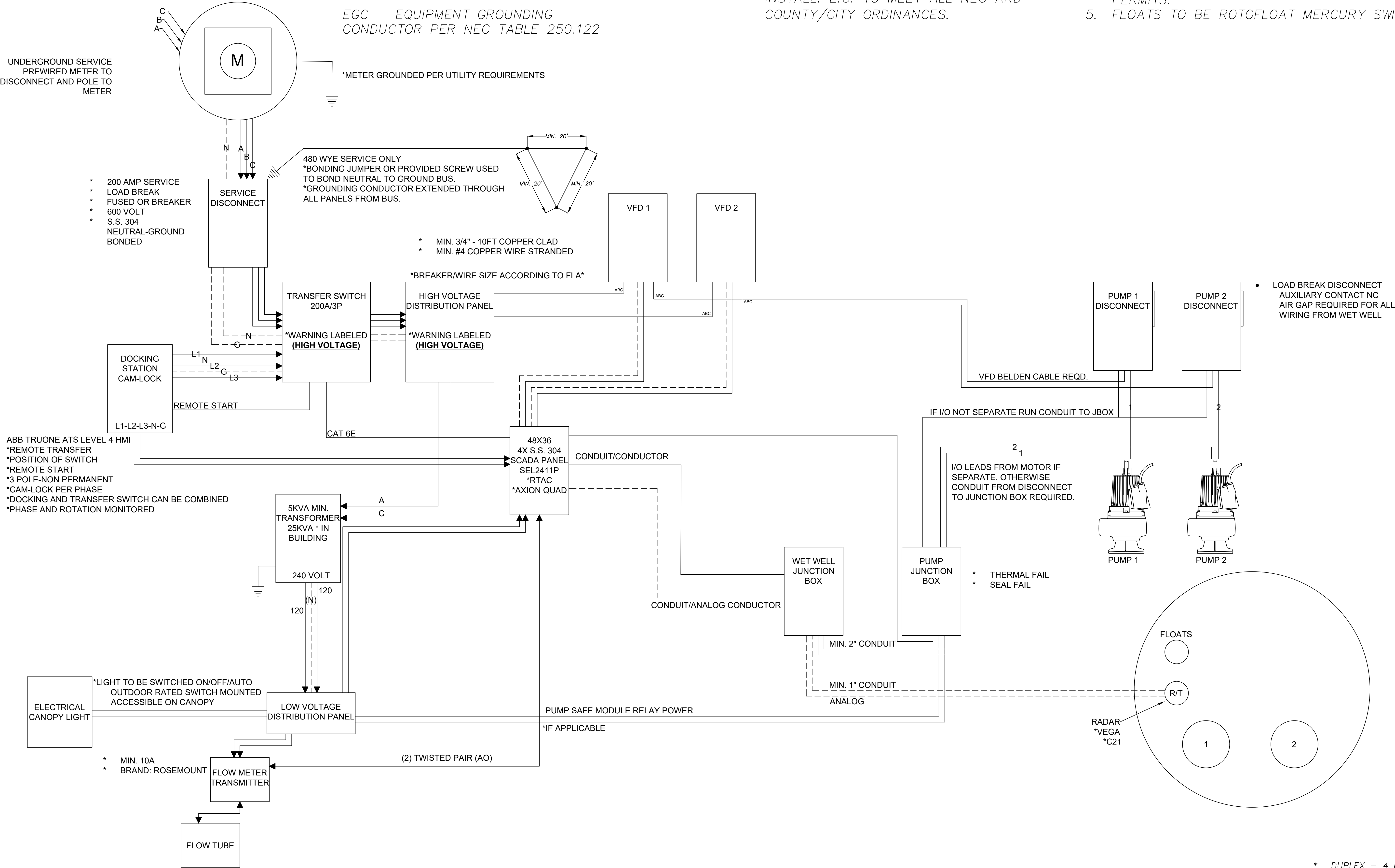
BONDING JUMPER – PER NEC TABLE 250
102(C)(1)

EGC – EQUIPMENT GROUNDING
CONDUCTOR PER NEC TABLE 250.122

200AMP – 480 SERVICE
DUPLEX – 90AMP 40HP. MAX..

ALL RATINGS BASED ON NEC AT TIME
OF CREATION. JWSC RECOMMENDS TO
FOLLOW LATEST NEC CODES DURING
INSTALL. E.C. TO MEET ALL NEC AND
COUNTY/CITY ORDINANCES.

- GENERAL NOTES
- 40% CONDUIT FILL
 - MIN 3/4 SIZE CONDUIT
 - ALL WORK TO BE PERFORMED IN ACCORDANCE TO THE CURRENT NEC EDITION.
 - CONTRACTOR REQUIRED TO ACQUIRE ALL REQUIRED PERMITS.
 - FLOATS TO BE ROTOFLOAT MERCURY SWITCH.



* DUPLEX – 4 MIN. FLOATS
4–FLOATS; OFF, LEAD, LAGI, H

CHATHAM
ENGINEERING
109 Park of Commerce Dr.
Suite 6
Savannah, GA 31405
Tel: 912-238-2400
Fax: 912-238-2412
chathamengineering.com



"ALL ELECTRICAL AND SCADA IMPROVEMENTS
SHOWN ARE FOR CONCEPT REFERENCE ONLY.
THE CONTRACTOR IS RESPONSIBLE TO OBTAIN
THE SERVICES OF A LICENSED ELECTRICIAN TO
REVIEW AND ENSURE ALL CONSTRUCTION IS IN
COMPLIANCE WITH ALL APPLICABLE ELECTRICAL,
GROUNDING, AND SAFETY CODES."

CALL BEFORE YOU DIG!

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underground utility locate service.

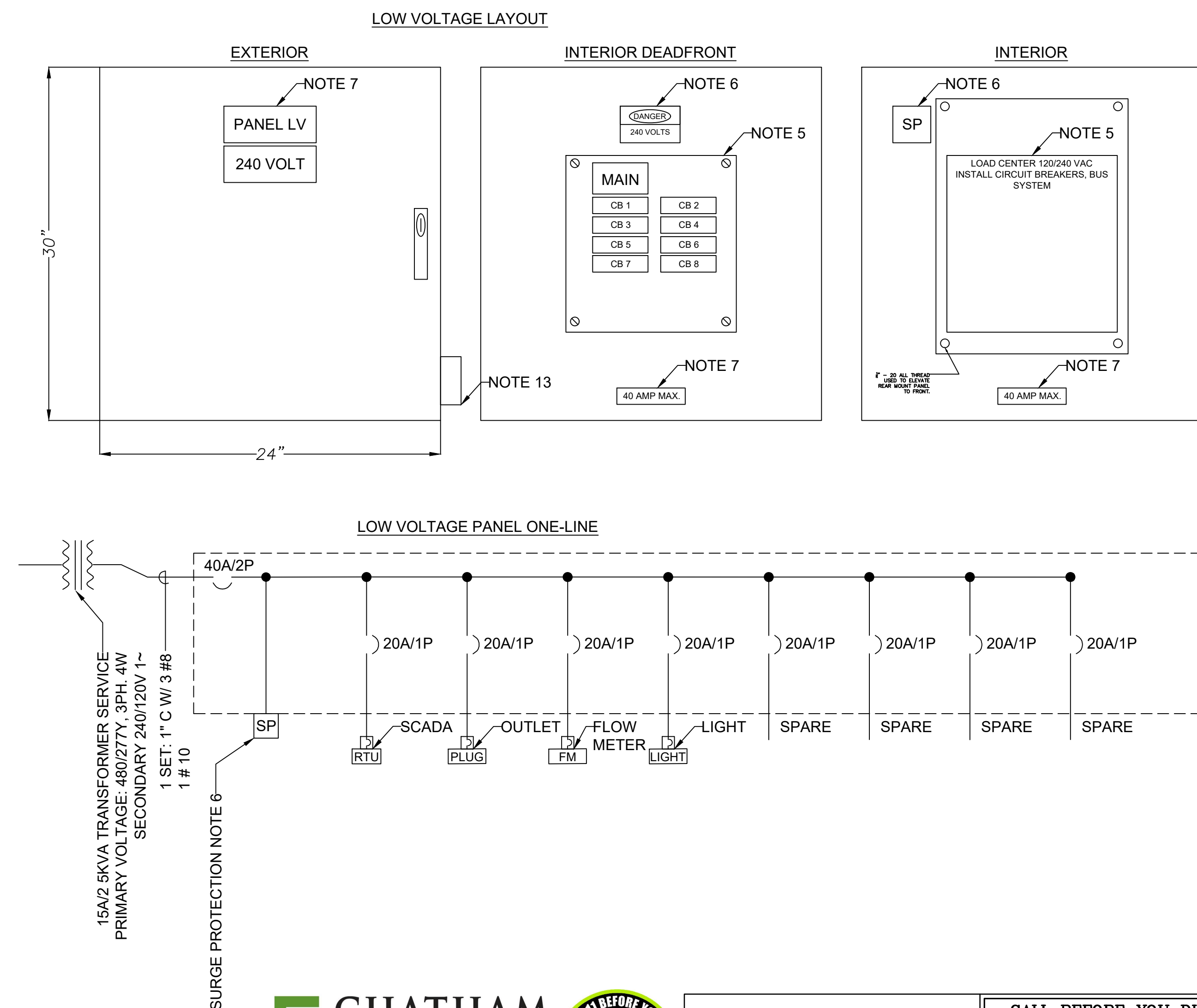
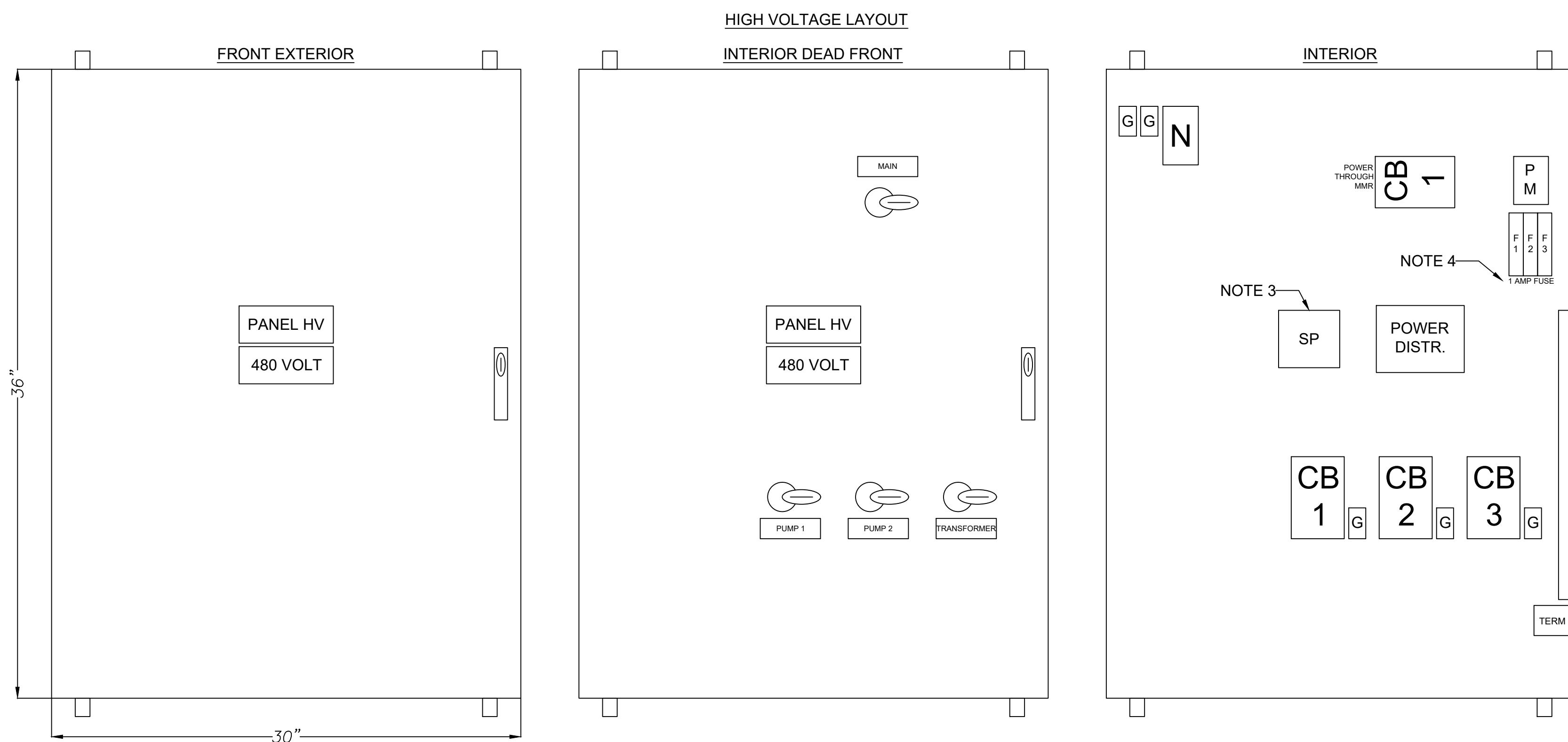


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NO.	DATE	COMMENTS	
		REVISIONS	BY
1	12-13-2022		D. GRANTHAM

HIGHWAY 17 NORTH PUMPSTATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION
JWSC INTER-CONNECTING DIAGRAM VFD - PS4053

FILE NO.: JWSC PROJ. #2109
DATE: MAR 27, 2023
SCALE: NTS
DRAWN BY: NTS
SHEET NO.:
E-1
OF 4



1. ALL STARTERS TO BE VFD AS SPECIFIED.
2. PUMP DISCONNECT – 100A LOAD BREAK S.S. 304 W/AUX CONTACTS WHICH SHALL INTERRUPT VFD RUN CIRCUIT BEFORE SWITCH OPENS.
3. SURGE PROTECTION TO BE EQUIVALENT TO SQUARE D. SDSA-3650 SURGE ARRESTOR.
4. PHASE MONITOR TO BE FUSED WITH 1 AMP IN LINE FUSES. MODEL NO. PMPU MACROMATIC
5. SQUARE D QO PANEL INSTALLED INSIDE A STAINLESS STEEL ENCLOSURE W/ ALUMINUM DEAD FRONT AND RAISED REAR PANEL. DEAD FRONT CUT TO ALLOW BREAKER PASS THROUGH AND USAGE.
6. SURGE PROTECTOR TO BE EQUIVALENT TO SQUARE D. SDSA-1175.
7. SIGNS ON PANELS TO BE MADE OF PLASTIC, ENGRAVED AND GLUED ON.
8. DISCONNECT TO JBOX FOR PUMP IO CABLE. T.B. REQUIRED IN DISCONNECT FOR PUMP CABLE TO TERMINATE.
9. WIRE TO BE SIZED FOR BREAKER CURRENT PROTECTION, BASED ON PUMP AND DESIGN SIZING.
10. STANDARD 5KVA NEMA 3R TRANSFORMER.
11. ALL PANELS TO BE PAD LOCKABLE AND A HAVE 3-POINT LATCH SYSTEM.
12. NEMA 4X DANFOSS VFD FC-202 WITH 10 YEAR MANUFACTURER WARRANTY.
13. GFCI OUTLET WITH IN USE BUBBLE COVER, MOUNTED TO LOWER RIGHT EXTERIOR EDGE OF LOW VOLT PANEL.



1703 Gloucester Street
Brunswick, Georgia 31520
(912) 261-7110 Phone
(912) 261-7178 Fax
www.bgjwsc.org

NO.	DATE:	COMMENTS:
1	12-13-2022	REVISIONS - D. GRANTHAM
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JWSC STANDARD VFD ONE LINE - PS4053

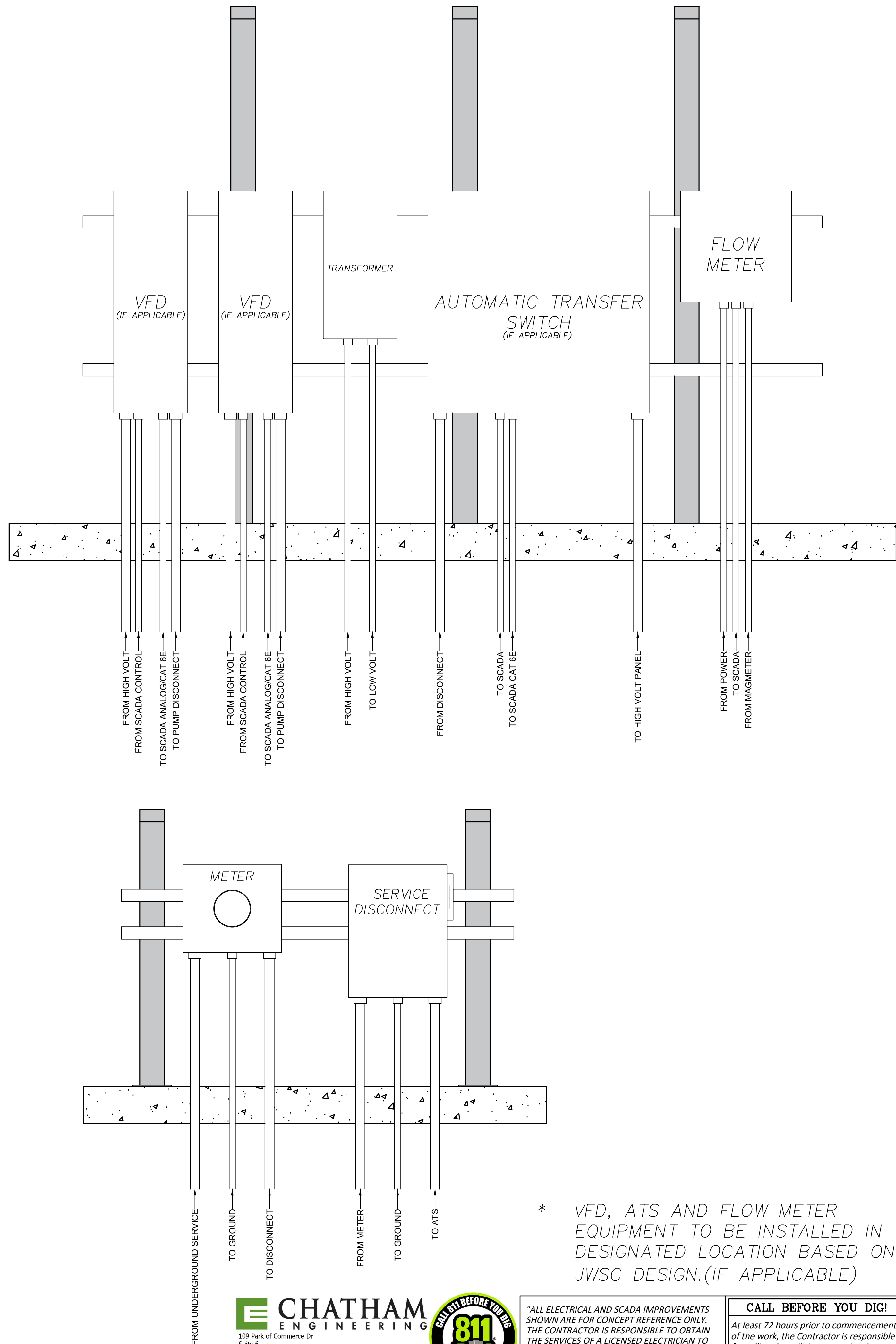
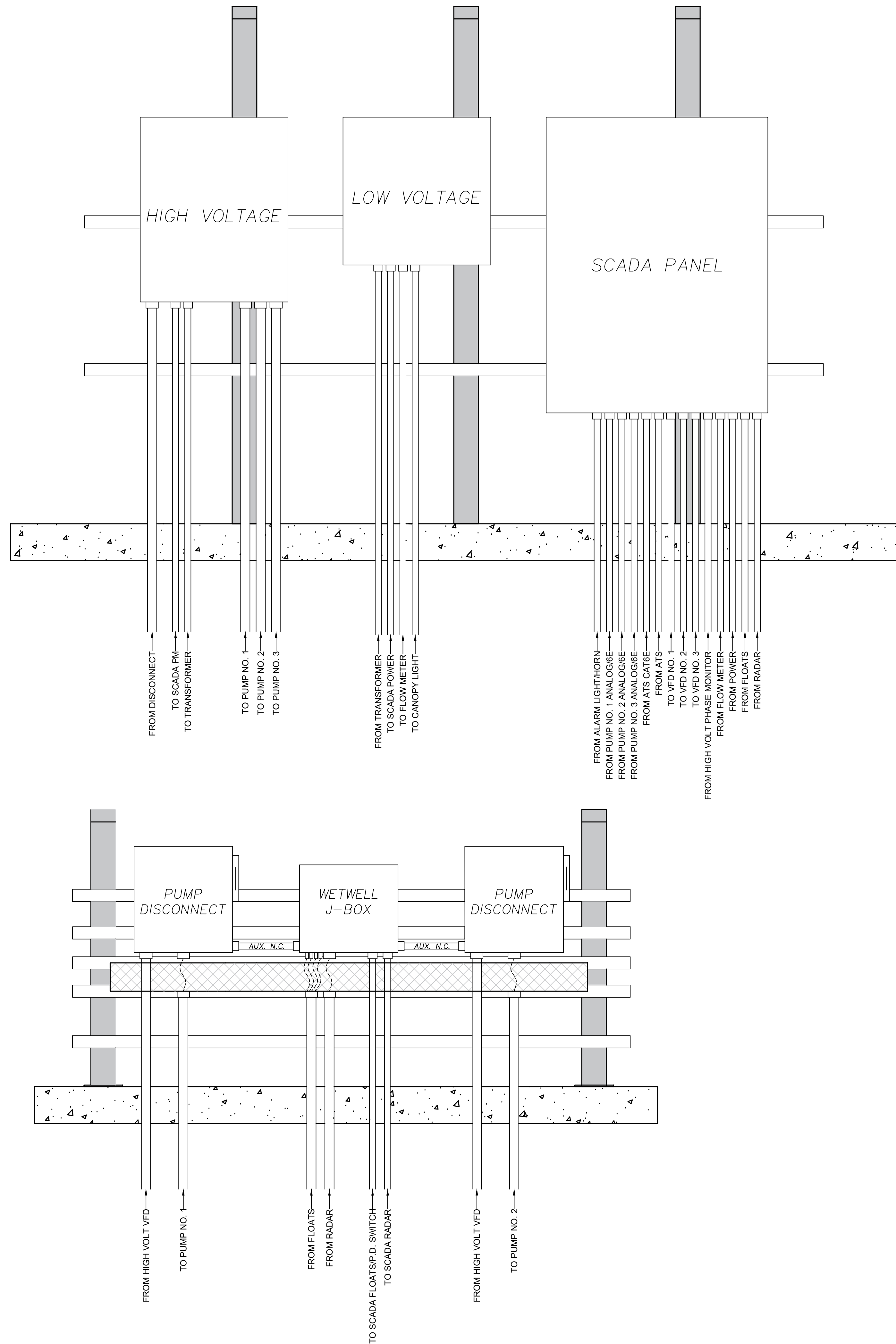
JWSC PROJ. #2109
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OF 4

CALL BEFORE YOU DIG!
At least 72 hours prior to commencement of the work, the Contractor is responsible for calling the Utilities Protection Center (UPC) at 1-800-282-7411, to request underground utility locate service.



* VFD, ATS AND FLOW METER EQUIPMENT TO BE INSTALLED IN DESIGNATED LOCATION BASED ON JWSC DESIGN.(IF APPLICABLE)

CHATHAM
ENGINEERING

109 Park of Commerce Dr
Suite 6
Savannah, GA 31405
Tel.: 912-238-2400
Fax: 912-238-2412
chathamengineering.com

"ALL ELECTRICAL AND SCADA IMPROVEMENTS SHOWN ARE FOR CONCEPT REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN THE SERVICES OF A LICENSED ELECTRICIAN TO REVIEW AND ENSURE ALL CONSTRUCTION IS IN COMPLIANCE WITH ALL APPLICABLE ELECTRICAL, GROUNDING, AND SAFETY CODES."

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**BRUNSWICK-GLYNN COUNTY
JOINT WATER & SEWER COMMISSION
PLANNING & CONSTRUCTION DIVISION**
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NO.:	DATE:	COMMENTS:
1	12-13-2022	REVISIONS - D. GRANTHAM

PUMP STATION 4044 REHABILITATION
GLYNN COUNTY, GEORGIA
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

ELECTRICAL DETAILS - PS4053

FILE NO.: JWSC PROJ. #2105
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1. CONTACT AND COORDINATE WITH LOCAL ELECTRICAL UTILITY SERVING THE PARTICULAR AREA OF WORK.
2. THE EXACT LOCATION OF SERVICE SHALL BE COORDINATED IN THE FIELD WITH OTHER WORK ON THE PROJECT SITE AND THE ELECTRICAL UTILITY. PROVIDE AERIAL OR UNDERGROUND SERVICE AS REQUIRED BY THE UTILITY AND PROJECT REQUIREMENTS.
3. THE SERVICE METER SHALL BE PROVIDED IN ACCORDANCE TO THE ELECTRICAL UTILITY STANDARDS. PROVIDE METER GROUND AS REQUIRED.
4. SCADA PANEL WILL BE AVAILABLE FROM JWSC FOR PURCHASE. START-UP AND TERMINATION WILL BE COMPLETED BY EMC (205-661-3998). PLEASE ALLOW FOR TIME TO BE PLACED ON SCHEDULE WITH EMC. COORDINATE WITH EMC FOR START-UP AND TESTING.
5. DANFOSS VFD NEMA 4X FC-202 REQUIRED WITH 10 YEAR WARRANTY FOR JWSC. (IF APPLICABLE)
6. ALL CONDUIT INSTALLED SHALL BE ACCORDING TO NEC AND UTILIZING THE BEST PATH POSSIBLE WITH MINIMAL INTERFERENCE WITH OTHER UTILITIES.
7. CONTRACTOR TO INSTALL DETECTABLE WARNING TAPE 12" ABOVE ALL UNDERGROUND CONDUIT.
8. ALL CONDUITS ENTERING NEMA 4X ENCLOSURES SHALL BE TERMINATED WITH THREADED HUBS TO MAINTAIN THE NEMA RATING OF THE ENCLOSURE UNLESS NOTED OTHERWISE.
9. FOR TERMINATION OF CONDUITS AT JUNCTION BOXES AND PUMP DISCONNECTS PROVIDE SEALING HUBS. FOR CONNECTIONS FROM WETWELL, PROVIDE CORDGRIPS ACCORDING TO WIRE SIZE.
10. SEAL ALL CONDUITS WITH ELECTRICAL DUCT SEAL.
11. ALL SWITCH OPERATING HANDLES SHALL BE MAXIMUM OF 66-INCHES ABOVE FINISH GRADE.
12. FURNISH STAINLESS STEEL BOLTS, NUTS AND WASHERS FOR ALL EQUIPMENT.
13. POSITION ELECTRICAL ALARM LIGHT TO BE SEEN FROM THE NEAREST ROAD. ATTACHED TO CANOPY LEGS OR STRUCTURE USING ONLY S.S. HARDWARE.
14. PROVIDE IN WETWELL HATCH WINDOW A STAINLESS STEEL BRACKET FOR SUPPORT OF ALL CABLES WITH A MINIMUM 5 HOOKS.
15. METER EQUIPMENT TO BE MOUNTED AT A MIN. 3'-6" AND MAX. 5'-6" ABOVE FINAL GRADE.
16. AIR GAP BOX TO BE A MIN. OF 12" X 12" X 60" ALUMINUM ANGLE FRAME WITH ALUMINUM EXPANDED METAL FRONT AND REAR. FRONT HINGED ON BOTTOM. FLAT ALUMINUM SHEET ON BOTTOM AND TOP. WEEP HOLES PLACED ON ALL FOUR CORNERS.
17. WETWELL CONDUITS STUB 1" INTO AIR GAP CAGE TYP.
18. MINIMUM SPACING BETWEEN WETWELL AND DISCONNECTS IS 6'-0".
19. CABLES LEADS TO BE A MINIMUM OF 50'-0" IN LENGTH.
20. ATS TO BE ABB TRUEONE WITH LEVEL 4 CONTROLLER PAIRED WITH CAM-LOCK DOCKING STATION. (IF REQUIRED BY JWSC).
21. FLOATS TO BE ROTOFLOAT MERCURY TYPE MODEL "S" 60FT CABLE TYP.
22. INSTALLATION OF SEAL FAIL OR THERMAL RELAYS COORDINATED BY ELECTRICAL CONTRACTOR AND EMC INSTALLATION AREA INSIDE THE SCADA PANEL OR WET WELL JUNCTION BOX.
23. EQUIPMENT CANOPY LIGHTING SHALL BE SWITCHED WITH OFF/ON OUTDOOR RATED, LIGHTS TO BE LITHONIA DMS232120 6500K LED OR APPROVED EQUAL SECURED TO SHELTER STRUCTURE WITH 0 DEGREE F RATED ELECTRONIC BALLAST.
24. ALL CONDUITS TO BE SCHEDULE 40 PVC.
25. ALL CONDUCTORS TO BE STRANDED COPPER, TYPE THWN. COLOR CODE: 480/277V: PH A: BROWN; PH B: YELLOW; PH C: ORANGE; NEUTRAL: GRAY; 230/115V - PH A: BLACK; PH C: RED; NEUTRAL: WHITE; GROUND: GREEN.

1. PROVIDE TERMINALS AS REQUIRED FOR POWER AND SIGNAL CABLE (FLOAT SWITCH) TERMINATIONS. PROVIDE 10% SPARE TERMINALS, MAKE CONNECTIONS PER PUMP MFR'S RECOMMENDATIONS. MAINTAIN 3" MIN. AC-DC SEPARATION IN TERMINAL ENCLOSURE. ROUTE CABLES WITH CORD GRIPS FOR WETWELL ORIGINATION TERMINATIONS. PVC CONDUIT TO COORDINATED PANELS, PLUG ALL HOLES WITH GROMMETS.
2. MINIMUM SIZE OF THE JUNCTION BOX SHALL BE 12"x12"x6". FURNISH NEMA 4X STAINLESS STEEL JUNCTION BOX WITH 1/4 TURN DOOR LATCH AND ALUMINUM BACK PLATE.

1. REQUIRES ONE 110V CIRCUIT FROM LOW VOLTAGE PANEL. HORN AND EMERGENCY LIGHTS TO BE INSTALLED IN SAME LOCATION FROM ROADWAY.
2. VEGA C-21 RADAR TO BE INSTALLED IN WET WELL USING S.S. HARDWARE.



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PUMP STATION 4044 REHABILITATION

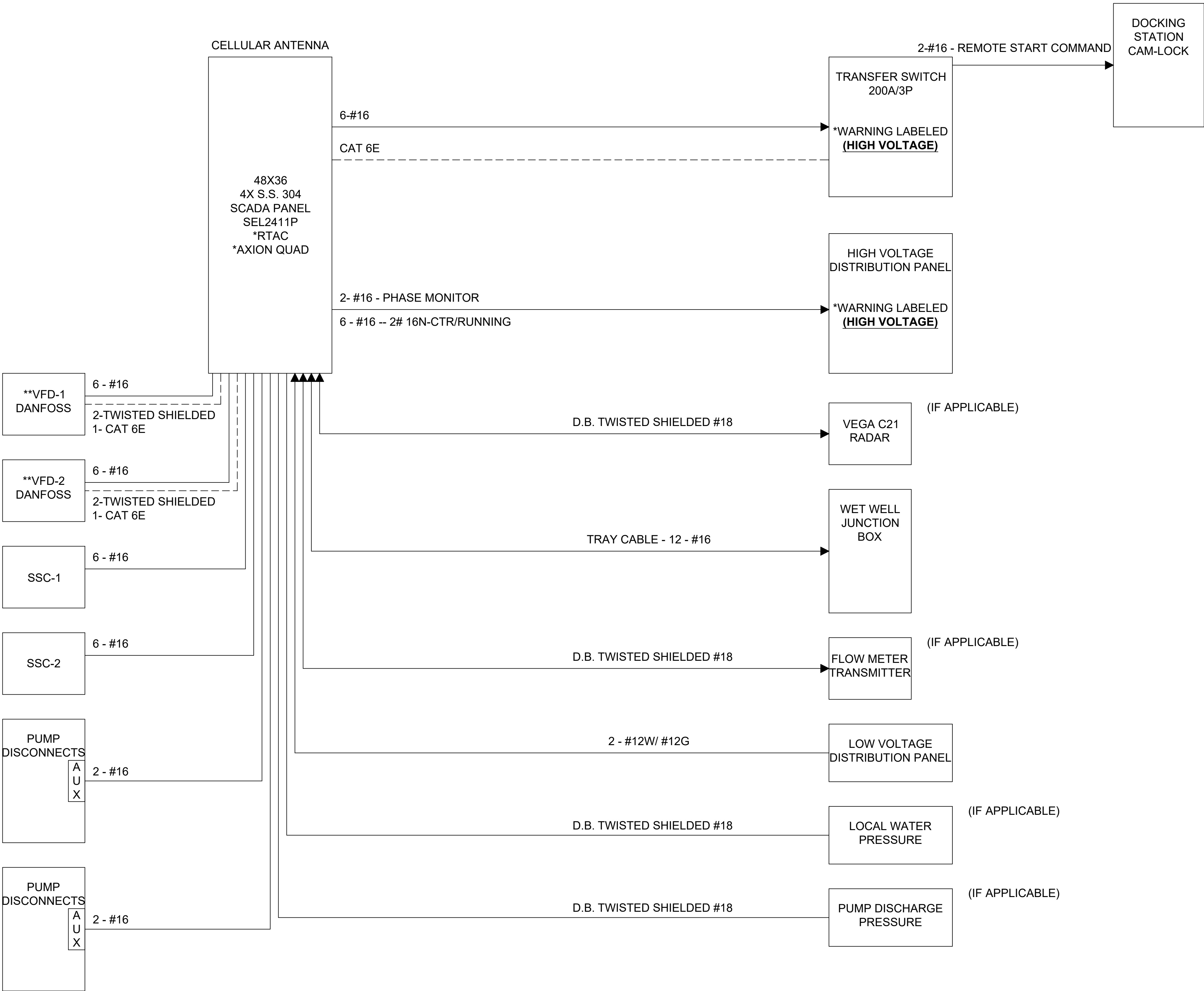
BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

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DATE: MAR 27, 2023
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- INSTRUMENTATION NOTES**
- * ALL CONDUITS FOR INSTRUMENTATION SHALL BE MIN. 3/4".
 - * 60% CONDUIT FILL.
 - * CONTRACTOR TO FOLLOW LATEST NEC RULING AT TIME OF CONSTRUCTION.
 - * PUMP DISCONNECTS SHALL BE RATED 4X OR 3R IN S.S. 304 MIN. USE WITH VFD'S SHALL INCLUDE AUX CONTACTS.
 - * PUMP SAFE, THERMAL & SEAL FAIL RELAYS NEED TO BE FIELD COORDINATED WITH INTEGRATORS AND EITHER INSTALLED IN THE SCADA PANEL OR WET WELL JUNCTION BOX.
 - * PHASE MONITOR TO BE MACROMATIC PMPU AND WIRED TO THE SCADA PANEL FROM THE HIGH VOLT PANEL IN DEDICATED CONDUIT.
 - * RUNNING STATUS CURRENT TRANSFORMER INSTALLED ON LOAD SIDE OF (SSC) SOLID STATE CONTACTORS. AND SOFT STARTS.

- SITE REQUIREMENT'S BASED ON DESIGN**
- * VEGA C21 RADAR TO BE FIELD INSTALLED BY CONTRACTOR AND PROGRAMMED AND SCALED BY INTEGRATORS.
 - * ROSEMOUNT FLOW METERS TO BE CONNECTED TO SCADA AND SCALING FACTOR TO BE COORDINATED WITH INTEGRATORS.
 - * LOCAL PRESSURE TRANSDUCER INSTALLED AND CONNECTED TO SCADA AT SITES REQUIRED BY JWSC.
 - * PUMP DISCHARGE PRESSURE TRANSDUCERS TO BE INSTALLED AND CONNECTED TO SCADA AT SITES REQUIRED BY JWSC.
 - * ATS TO BE ABB TRUEONE WITH LEVEL 4 CONTROLLER, CAT 6E AND DRY CONTACTS TO BE INSTALLED AND COORDINATED WITH INTEGRATORS.
 - * VFD'S TO BE DANFOSS FC-202 NEMA 4X, CAT 6E AND DRY CONTACTS TO BE INSTALLED AND COORDINATED WITH INTEGRATORS.

- ELECTRONIC MACHINE CONTROL (EMC)**
- * TO PROVIDE SCHEDULED TERMINATION AND START-UP SERVICES.
 - * LOCATION REQUIRING MMR'S OR RTAC'S THE CONFIGURATION SHALL BE COMPLETED BY INTEGRATORS. ALL INSTALLATION REQUIREMENTS SHALL BE COORDINATED WITH INTEGRATORS.

WET WELL T.B. TERMINAL # AND LABEL	
1.	336P - 24V+
2.	336P - 24V+
3.	604A - LAG FLOAT
4.	606A - LEAD FLOAT
5.	608A - STOP FLOAT
6.	612A - HIGH FLOAT
7.	802A - PUMP 1 THERMAL
8.	804A - PUMP 2 THERMAL
9.	827A - PUMP 1 SEAL FAIL
10.	829A - PUMP 2 SEAL FAIL
11.	GND
12.	SPARE
13.	952P - WETWELL LEVEL TRANSMITTER (+)
14.	952M - WETWELL LEVEL TRANSMITTER (-)
15.	GND - SHIELD

NO.	DATE	COMMENTS

HIGHWAY 17 NORTH PUMPSTATION GLYNN COUNTY, GEORGIA BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION
JWSC TYPICAL INSTRUMENTATION - PS4053

FILE NO.: JWSC PROJ. #2109	DATE: MAR 27, 2023	SCALE: NTS	DRAWN BY: NTS
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