

PUMP STATION 4059 IMPROVEMENT PLANS 3058 OLD CYPRESS MILL ROAD BRUNSWICK, GA 31520

PREPARED FOR:
COASTAL CLUB BRUNSWICK, LLC
8830 MACON HIGHWAY #300
ATHENS, 30606

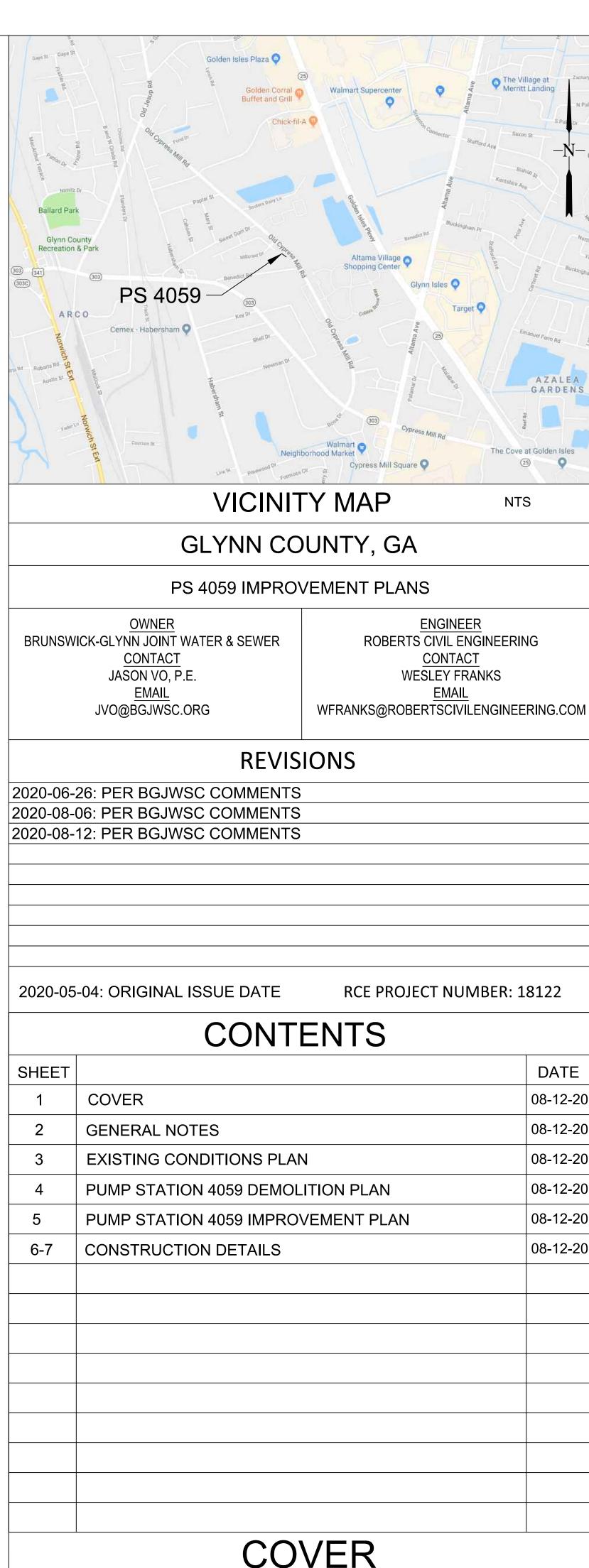


WWW.ROBERTSCIVILENGINEERING.COM

301 SEA ISLAND ROAD, SUITE 10 ST. SIMONS ISLAND, GA 31522 912-638-9681

6001 CHATHAM CENTER DRIVE, SUITE 255 SAVANNAH, GA 31405 912-298-7006 14600 WHIRLWIND AVE, SUITE 119A JACKSONVILLE, FL 32218 904-741-0099 4000 FABER PLACE DRIVE, SUITE 300 NORTH CHARLESTON, SC 29405 843-323-1038





GENERAL NOTES

- 1. REFERENCED PUMP AND PANEL MANUFACTURER AND MODEL NUMBER INFORMATION CONTAINED IN THESE CONSTRUCTION PLANS IS TO ESTABLISH A BASIS-OF-DESIGN, BUT IS OPEN TO STANDARD DISTRIBUTORS OF EQUIVALENT AND COMPARABLE EQUIPMENT.
- 2. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
- 3. CONTRACTOR SHALL ASSURE THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN BE ISSUED TO CONTRACTOR WILL BE OBTAINED AT HIS EXPENSE.
- 4. ANY DEVIATIONS FROM THE PLANS ARE PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.
- 5. THE CONTRACTOR IS TO IMMEDIATELY CONTACT THE ENGINEER IF ANY UNFORESEEN COMPLICATIONS OR DISCREPANCIES OCCUR.
- 6. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF ALL UTILITIES ON SITE WITH THE APPROPRIATE PROVIDER (e.g. POWER, PHONE, CABLE, ETC.)
- 7. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR THE PHYSICAL CONSTRUCTION OF THE SITE.
- 8. CONTRACTOR SHALL MAINTAIN A SAFE SITE AND MEET ALL APPROPRIATE REGULATIONS CONCERNING SAFETY.
- 9. SURVEY DATA PROVIDED BY SHUPE SURVEYING COMPANY, P.C. 3837 DARIEN HWY BRUNSWICK, GA 31523 912-265-0562
- 10. EXISTING SURVEY INFORMATION TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES IN FIELD OBSERVATIONS VERSUS SURVEY DATA.
- 11. CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION BY CALLING THE CALL BEFORE YOU DIG HOTLINE: 811.
- 12. ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 13127C0228H DATED 01-05-2018 THE SITE IS LOCATED IN THE 100 YEAR FLOODPLAIN IN ZONE X, WHICH IS NOT IN A SPECIAL FLOOD HAZARD AREA.
- 13. HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE. NAD83. VERTICAL DATUM BASED ON NAVD88.
- 14. TRAFFIC CONTROL PLANS SHALL BE PROVIDED TO GLYNN COUNTY IN ORDER TO OBTAIN RIGHT OF WAY WORK PERMIT. CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL PLANS AND DETAILS.
- 15. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBANCE AND DAMAGE CAUSED BY PROJECT CONSTRUCTION EQUAL TO OR BETTER THAN PRE-CONSTRUCTION CONDITIONS. ALL RESTORATION WILL BE INSPECTED BY AND MUST BE TO THE SATISFACTION OF GLYNN COUNTY AND/OR BGJWSC.
- 16. CONTRACTOR RESPONSIBLE FOR STABILIZATION OF ALL AREAS DISTURBED BY THE PROJECT CONSTRUCTION. FOR DISTURBANCES ADJACENT TO FRONTAGE OF RESIDENTIAL LOTS, CHURCHES AND BUSINESSES, AND WITHIN 100 FT OF A SUBDIVISION OR MULTIFAMILY USE ENTRANCE, STABILIZATION SHALL BE SOD. STABILIZATION WITHIN DITCH/SWALE AREAS SHALL BE SOD. ALL OTHER STABILIZATION IN UNPAVED AREAS MAY BE SEED.
- 17. THE CONTRACTOR SHALL PROVIDE IN WRITING ANY REQUESTS TO WORK ON WEEKENDS & HOLIDAYS. REQUESTS SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR CONSIDERATION A MINIMUM OF 48 HOURS PRIOR TO THE REQUESTED WEEKEND & HOLIDAYS.
- 18. THE CONTRACTOR SHALL CREDIT THE JWSC BY CHANGE ORDER FOR INSPECTION SERVICES FOR OVERTIME WORK PERFORMED ON SUNDAYS OR LEGAL HOLIDAYS. THE AMOUNT OF CREDIT TO JWSC SHALL BE \$50.00 PER HOUR, PER INSPECTION SERVICES. SEWER FORCE MAIN NOTES
- 1. PIPE SHALL BE MANUFACTURED FROM A PE 3408 RESIN LISTED WITH THE PLASTIC PIPE INSTITUTE(PPI) AS TR-4. THE RESIN MATERIAL SHALL MEET THE SPECIFICATIONS OF ASTM D3350-02 WITH A MINIMUM CELL CLASSIFICATION OF PE 345464C. PIPE SHALL HAVE A MANUFACTURING STANDARD OF ASTM D3035. THE PIPE SHALL CONTAIN NO RECYCLED COMPOUNDS EXCEPT THAT GENERATED IN THE MANUFACTURER'S OWN PLANT FROM RESIN OF THE SAME SPECIFICATION FROM THE SAME RAW MATERIAL. THE PIPE SHALL BE HOMOGENEOUS THROUGHOUT AND FREE OF VISIBLE CRACKS, HOLES, FOREIGN INCLUSIONS, VOIDS, OR OTHER INJURIOUS DEFECTS. THE PIPE SHALL BE IDENTIFIED FOR THE APPLICATION BY A GREEN COLORED STRIPE AND, FOR LONG TERM IDENTIFICATION, "LOW PRESSURE SEWER FM" SHALL BE DEBOSSED(INDENT IMPRINTED) IN THE IDENTIFICATION LINE OF THE PIPE.
 - PIPE & FITTINGS FOR 1-1/4" SERVICE SHALL BE SDR 9 IPS HDPE - PIPE & FITTINGS FOR 2" & LARGER FORCE MAIN SHALL BE SDR 11 IPS HDPE
- 2. ALL JOINTS SHALL BE MADE BY FUSION OR WITH THE USE OF ELECTROFUSION FITTINGS. USE OF MECHANICAL CONNECTOR, FITTINGS OR INSERTS IS PROHIBITED. SOCKET FUSION, HOT GAS, THREADING, SOLVENTS, AND EPOXIES MAY NOT BE USED TO JOIN HDPE PIPE.
- 3. BUTT FUSION FITTINGS SHALL BE IN ACCORDANCE WITH ASTM D3261 AND SHALL BE MANUFACTURED BY INJECTION MOLDING, A COMBINATION OF EXTRUSION AND MATCHING OR FABRICATED HDPE PIPE CONFORMING TO THIS SPECIFICATION. ALL FITTINGS SHALL BE PRESSURE RATED TO PROVIDE A WORKING PRESSURE RATING NO LESS THAN THAT OF THE PIPE. THE USE OF FABRICATED FITTINGS SHALL BE LIMITED AS MUCH AS POSSIBLE.
- THE FITTING SHALL BE HOMOGENEOUS THROUGHOUT AND FREE OF VISIBLE CRACKS, HOLES, FOREIGN INCLUSIONS, VOIDS, OR OTHER INJURIOUS DEFECTS.

 4. ELECTROFUSION FITTINGS SHALL BE PE3408 HDPE WITH MINIMUM CELL CLASSIFICATION
- 5. PRESSURE PIPELINES SHALL BE TESTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE JWSC DESIGN AND CONSTRUCTION STANDARDS, PIPE MANUFACTURERS RECOMMENDATIONS AND ASTM F2164. HYDROSTATIC PRESSURE TESTING WITH CLEAN WATER WILL BE THE ONLY METHOD ALLOWED. AFTER ALLOWING FOR TEMPERATURE EQUALIZATION AND THE INITIAL EXPANSION PHASE, A TEST PRESSURE OF 100 PSI SHALL BE HELD FOR A PERIOD 1 HOUR. IF NO VISUAL LEAKAGE IS OBSERVED AND PRESSURE

OF 345464C AS DETERMINED BY ASTM D3350-02 AND BE THE SAME BSE RESIN AS THE PIPE. ELECTROFUSION FITTINGS SHALL HAVE A MANUFACTURING STANDARD OF ASTM F1055.

6. PIPE CONNECTIONS - SHALL HAVE FLEXIBLE WATERTIGHT JOINTS AT THE POINT OF ENTRY OF ANY SEWER MAIN INTO THE MANHOLE. THE JOINT SHALL BE WEDGED RUBBER SHAPE EQUIVALENT TO "PRESS WEDGE II," OR A RUBBER SLEEVE EQUIVALENT TO "KOR-N-SEAL" OR "LOCK JOINT."

DURING THE TEST PHASE REMAINS STEADY(WITHIN 5% OF THE TEST PHASE PRESSURE)

FOR THE 1 HOUR TEST PHASE PERIOD, A PASSING TEST IS INDICATED.

- 7. #10 GAUGE SINGLE STRAND COPPER TRACING WIRE SHALL BE USED OVER ALL FORCE MAIN LINES.
- 8. SEWER EXCAVATIONS SHALL ADHERE TO THE OCCUPATIONAL AND SAFETY HEALTH ADMINISTRATION'S (OSHA) REGULATIONS. IN AREAS OF UNSUITABLE SOIL CONDITIONS, THE TRENCH MAY REQUIRE ADDITIONAL EXCAVATION AND BACKFILLED WITH SAND, GRAVEL, OR CONCRETE AT NO ADDITIONAL COST TO OWNER.

GENERAL SEWER NOTES:

1. PVC PIPE SHALL BE POLYVINYL CHLORIDE PLASTIC (PVC) AND SHALL MEET ALL REQUIREMENTS OF ASTM D 3034 SDR 26. ASTM D 2321 MUST BE FOLLOWED FOR THE INSTALLATION OF PVC PIPE. RUBBER RINGS SHOULD BE USED FOR CONTRACTION AND EXPANSION AT EACH JOINT. FITTINGS SHALL MEET THE SAME SPECIFICATION REQUIREMENTS AS THE PIPE. TESTS ON PVC PIPE SHALL BE DESIGNED TO PASS ALL TESTS AT 73° F. PIPE STANDARD LENGTHS SHALL BE 12.5 FEET (PLUS OR MINUS 1 INCH). PIPE SIZES AND DIMENSIONS SHALL BE AS SHOWN IN THE TABLE BELOW:

NOM SIZE	OUTSIDE DIA	MIN WALL THICKNES
4"	4.215	0.162
6"	6.275	0.241
8"	8.400	0.323
10"	10.500	0.404
12"	12.500	0.481

2. JOINTS FOR PVC PIPE - SHALL BE INTEGRAL WALL BELL AND SPIGOT WITH A RUBBER RING GASKET. THE JOINTS SHALL CONFORM TO ASTM D 3212 AND THE GASKETS SHALL CONFORM TO ASTM F 477.

3. PRECAST CONCRETE MANHOLES- SHALL BE REINFORCED CONCRETE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 AND THE DETAILS SHOWN ON THE PLANS. THE JOINTS SHALL BE TONGUE AND GROOVE SEALED WITH FLEXIBLE GASKETS OR MASTIC SEALANT. GASKETS SHALL BE O-RING OR EQUIVALENT TO TYPE A OR B "TYLOX" CONFORMING TO ASTM C 443. MASTIC SHALL BE EQUIVALENT TO "RAM-NEK" WITH PRIMER. ALL CONTACT SURFACES OF THE MANHOLE JOINT SHALL HAVE THE PRIMER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

4. FRAMES AND COVERS - SHALL BE LOCKING COMPOSITE, AND MINIMUM AASHTO H20 LOAD RATING.

5. PIPE CONNECTIONS - SHALL HAVE FLEXIBLE WATERTIGHT JOINTS AT THE POINT OF ENTRY OF ANY SEWER MAIN INTO THE MANHOLE. THE JOINT SHALL BE WEDGED RUBBER SHAPE EQUIVALENT TO "PRESS WEDGE II," OR A RUBBER SLEEVE EQUIVALENT TO "KOR-N-SEAL" OR 'LOCK JOINT."

6. #12 GAUGE SINGLE STRAND COPPER TRACING WIRE SHALL BE USED OVER ALL FORCE MAIN, SANITARY SEWER, AND SERVICE LATERAL LINES.

7. SEWER EXCAVATIONS SHALL BE TO THE DESIRED DEPTHS SHOWN ON THE PLANS WITH ADHERENCE TO THE OCCUPATIONAL AND SAFETY HEALTH ADMINISTRATION'S (OSHA) REGULATIONS. IN AREAS OF UNSUITABLE SOIL CONDITIONS, THE TRENCH MAY REQUIRE ADDITIONAL EXCAVATION AND BACKFILLED WITH SAND, GRAVEL, OR CONCRETE.

8. SEWER PIPES SHALL BE LAID UPGRADE WITH SPIGOTS POINTING DOWNGRADE. ASSEMBLY OF JOINTS SHALL COMPLY WITH MANUFACTURER'S RECOMMENDATIONS. SEAL OPEN ENDS OF PIPES IF INSTALLATION IS INTERRUPTED. MANHOLE CONNECTIONS SHOULD BE WATER TIGHT WITH THE USE OF FLEXIBLE WATER STOPS AND RESILIENT CONNECTORS.

9. MANHOLES SHALL HAVE A CHANNEL IN THE BOTTOM THAT IS SMOOTH AND ROUNDED. MANHOLE TOP ELEVATIONS SHALL BE GREATER THAN OR EQUAL TO THE FIFTY (50) YEAR FLOOD ELEVATION, UNLESS WATERTIGHT COVERS ARE PROVIDED. OUTSIDE OF PAVED AREAS, THE MANHOLE TOP ELEVATION SHALL BE 1" ABOVE THE GROUND SURFACE IN DEVELOPED AREAS AND 6" ABOVE THE GROUND SURFACE IN UNDEVELOPED AREAS UNLESS SHOWN OTHERWISE ON THE PLANS. MANHOLES IN PAVED AREAS SHALL BE BUILT AS DESIGNATED BY THE ENGINEER. NO LEAKS IN MANHOLES ARE ACCEPTABLE.

JWSC WATER & SEWER NOTES

STANDARDS 3.6.9.3.

1. ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM WITH THE REQUIREMENTS OF THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE BRUNSWICK GLYNN-COUNTY JOINT WATER & SEWER COMMISSION (JWSC). HOWEVER, JWSC IS IN THE PROCESS OF UPDATING THEIR STANDARDS. IN THE INTERIM, THE MATERIALS, EQUIPMENT, AND SPECIFICATIONS IN THESE CONSTRUCTION PLANS HAVE BEEN UPDATED TO JWSC'S PENDING NEW STANDARDS. IN THE EVENT OF A DISCREPANCY BETWEEN THESE CONSTRUCTION PLANS AND THE AFOREMENTIONED STANDARDS AND SPECIFICATIONS, THESE CONSTRUCTION PLANS SHALL TAKE PRECEDENCE. DISCREPANCIES SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF JWSC IN WRITING.

2. THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER LINES, SEWER LINES AND STORM DRAINS SHALL CONFORM TO THE LATEST GEORGIA EPD REQUIREMENTS.

3. A MINIMUM DISTANCE OF 20' OR TWO TIMES THE DEPTH OF THE MAIN, WHICHEVER IS GREATER, SHALL BE MAINTAINED FROM ALL BUILDINGS, FOUNDATIONS AND THE TOP OF BANK OF ALL PONDS. ANY DEVIATION FROM THIS REQUIREMENT MUST BE APPROVED IN WRITING BY THE JWSC.

4. PRESSURE AND LEAKAGE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE JWSC.

5. DISINFECTION OF WATER MAINS SHALL BE PERFORMED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE JWSC.

6. AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE UTILITIES PROTECTION CENTER (UPC) AT 1-800-282-7411 TO REQUEST UNDERGROUND UTILITY

To ALL GRAVITY SEWERS SHALL BE LOW PRESSURE AIR TESTED IN ACCORDANCE WITH JWSC STANDARDS 3.6.9.

8. ALL SANITARY SEWER MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH JWSC

9. ALL PORTIONS OF NEW SEWAGE FORCEMAIN SHALL UNDERGO A HYDROSTATIC TEST PER JWSC STANDARDS 4.7.7.

10. SEE JWSC STANDARD 2.5.3.3 FOR MINIMUM PIPE COVER REQUIREMENTS.

11. RECORD DRAWINGS MUST BE PROVIDED TO JWSC FOR PUBLIC WATER AND SEWER LINES IN ACCORDANCE WITH JWSC RECORD DRAWING STANDARDS.

12. BYPASS PUMPING UNIT SHALL BE CONNECTED, TESTED, AND APPROVED FOR USE BY THE JWSC, PRIOR TO BEING PUT INTO OPERATION. EXCEPT FOR TESTING OF THE IMPROVED PUMP STATION, THE UNIT SHALL BE KEPT IN CONSTANT OPERATION UNTIL THE IMPROVED PUMP STATION HAS BEEN APPROVED FOR RETURN TO SERVICE BY THE JWSC. CONTRACTOR SHALL MAINTAIN A BACKUP BYPASS PUMP UNIT (SAME CAPACITY) WITHIN 15 MINUTES DRIVE TIME FROM CONSTRUCTION SITE, WHICH CAN BE PUT INTO OPERATION WITHIN 60 MINUTES OF PRIMARY PUMP FAILURE. ALL TEMPORARY BYPASS PUMPING REQUIRED FOR REHAB WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THESE PUMPING REQUIREMENTS. ALL LABOR, DESIGN, EQUIPMENT, MATERIALS, RENTAL FEES, TEMPORARY PIPING AND INCIDENTALS SHALL BE CONSIDERED A SUBSIDIARY OBLIGATION TO THE CONTRACT.

13. THE JWSC RESERVES FIRST RIGHT OF SALVAGE FOR ALL EQUIPMENT REMOVAL AT EACH SITE.

14. THE JWSC WILL RETAIN SALVAGE RIGHTS TO ALL MATERIALS AND EQUIPMENT AND SUCH ITEMS RETAINED BY THE JWSC SHALL BE DELIVERED TO A PLACE DESIGNATED BY THE BGJWSC REPRESENTATIVE. ANY MATERIALS OR EQUIPMENT NOT RETAINED BY THE JWSC SHALL BE REMOVED FROM SITE AND DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH APPLICABLE REGULATION.

15. 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 JWSC ASSET MANAGEMENT DATABASE TO REFLECT EQUIPMENT IN THE PLANT.

16. CONTRACTOR SHALL NOTIFY THE RESPONSIBLE JWSC, PLANNING AND CONSTRUCTION DIVISION, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION ON PROJECT.



REVISIONS	2020-06-26: PER BGJWSC COMMENTS	2020-08-06: PER BGJWSC COMMENTS	2020-08-12: PER BGJWSC COMMENTS				



59 IMPROVEMENT PLA GLYNN COUNTY, GA

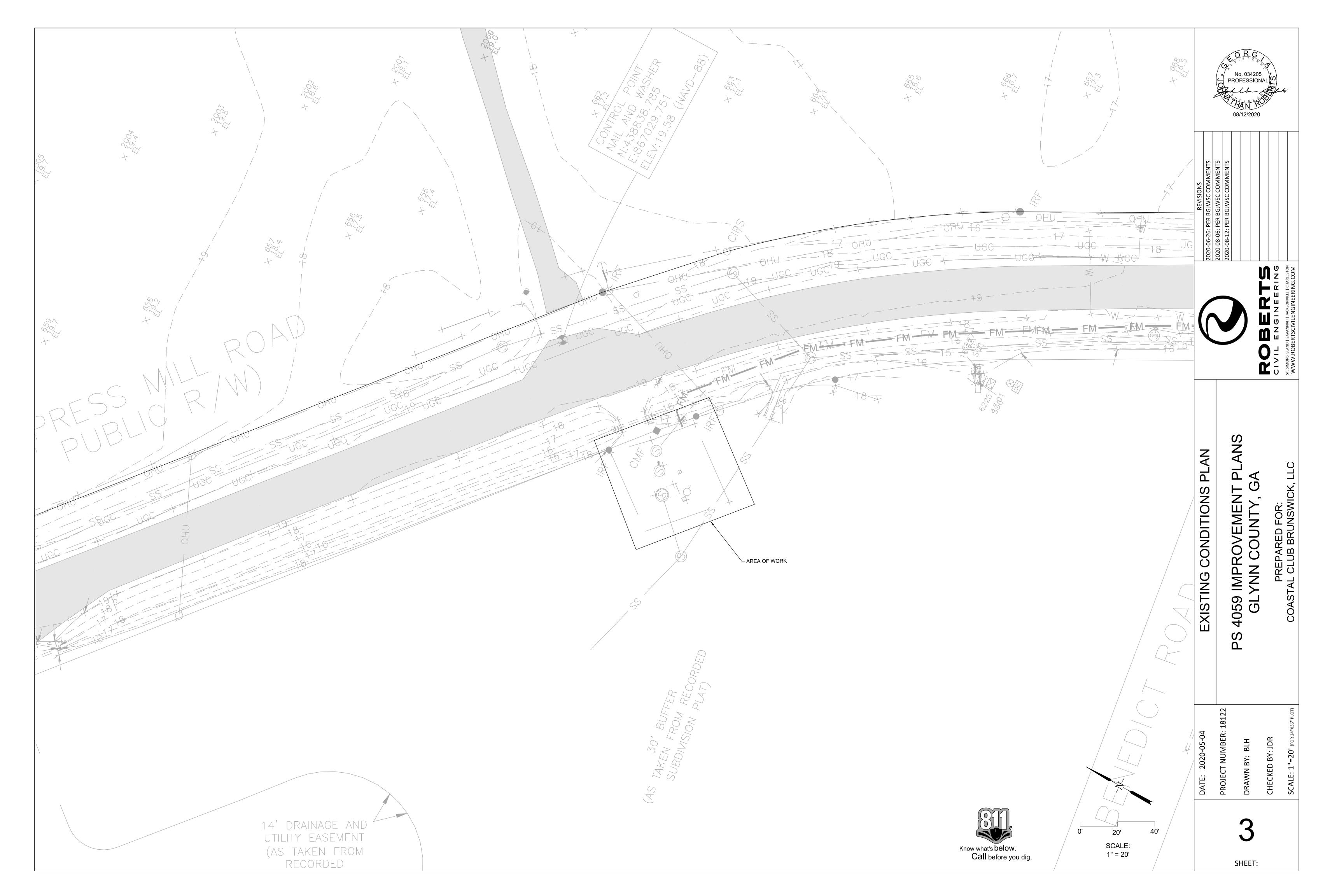
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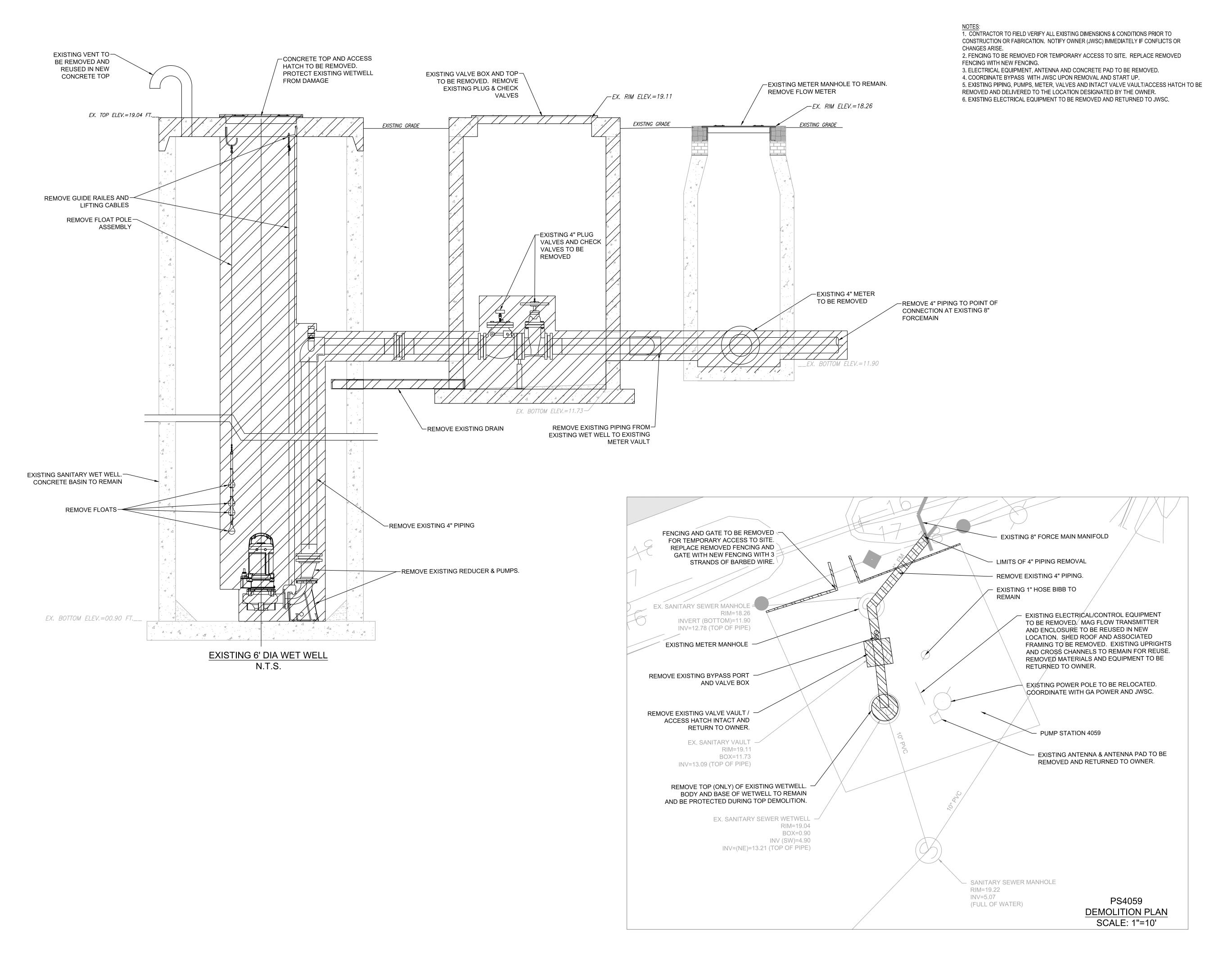
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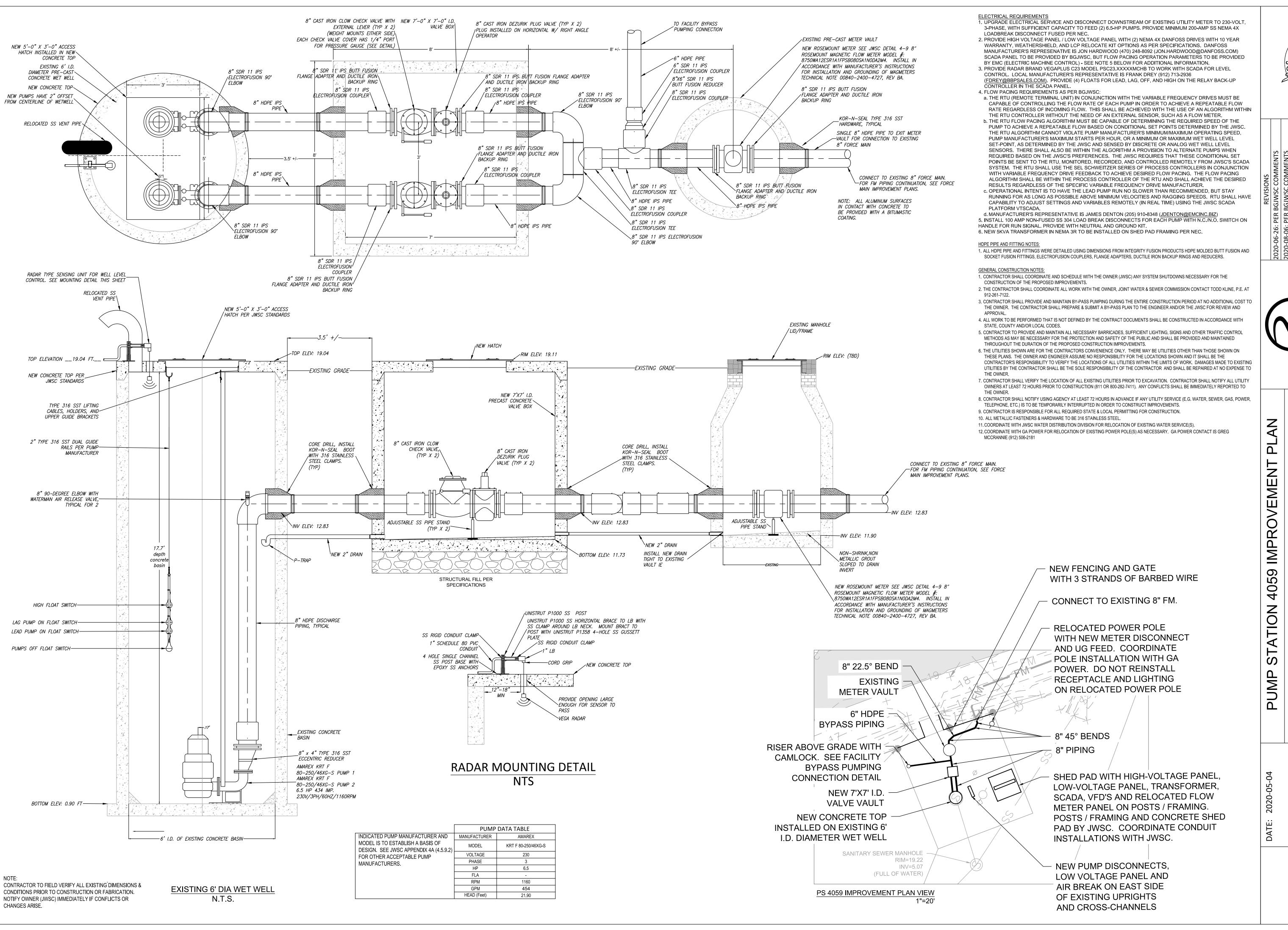
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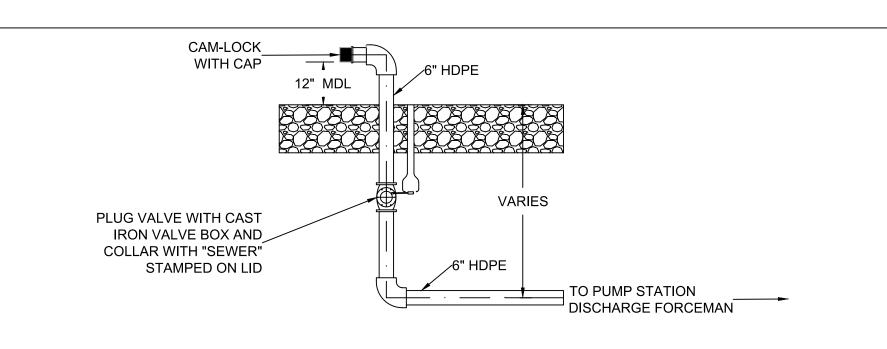
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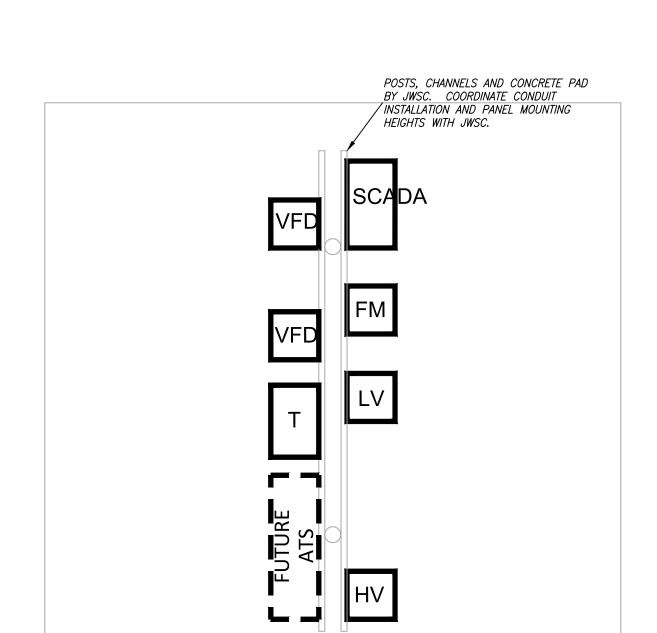


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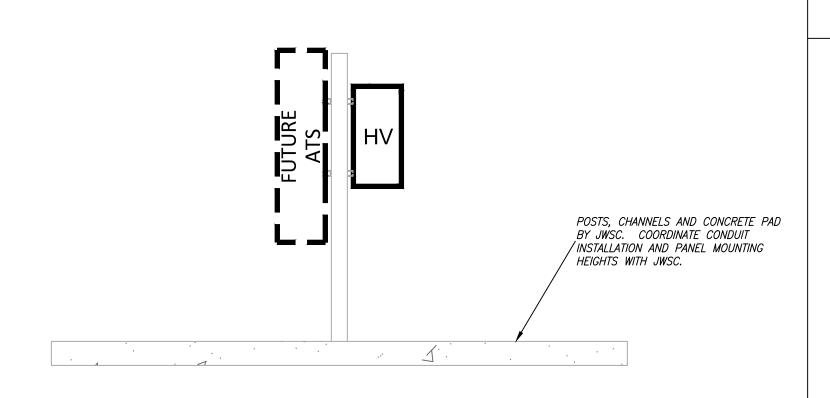


FACILITY BYPASS PUMPING CONNECTION

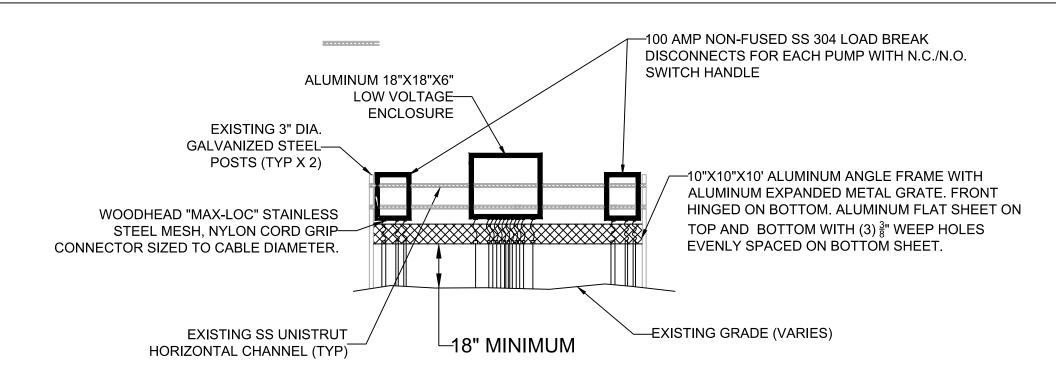


SHED PAD ELECTRICAL-PANEL LAYOUT PLAN N.T.S.

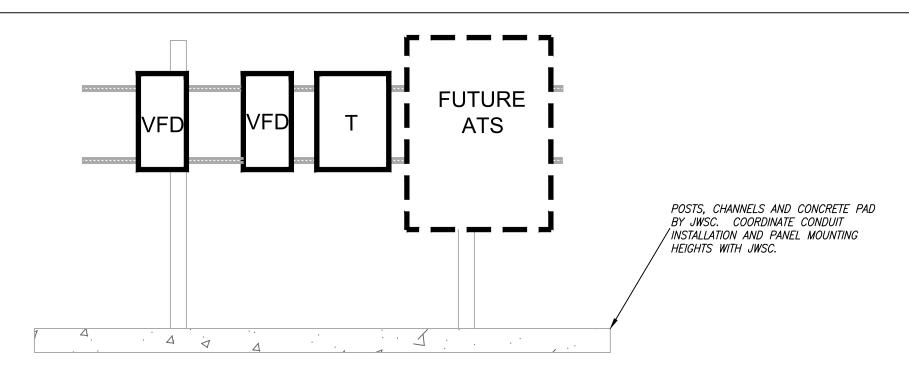
EXISTING ELECTRICAL SHED



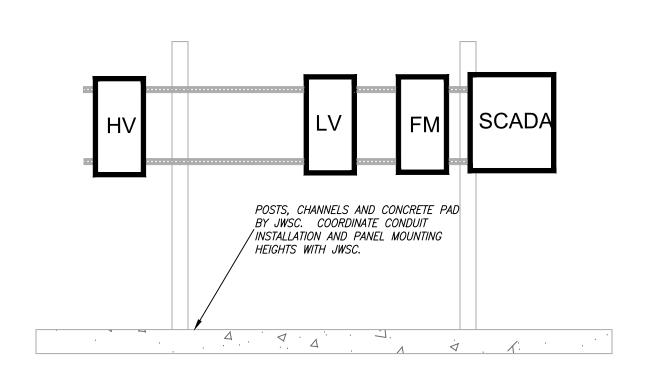
SHED PAD ELECTRICAL - SIDE ELEVATION



WETWELL MOTOR DISCONNECT(S) DETAIL TYP. N.T.S.



SHED PAD ELECTRICAL - FRONT ELEVATION



SHED PAD ELECTRICAL - BACK ELEVATION N.T.S.

FENCING SHALL BE CONSTRUCTED AS FOLLOWS:

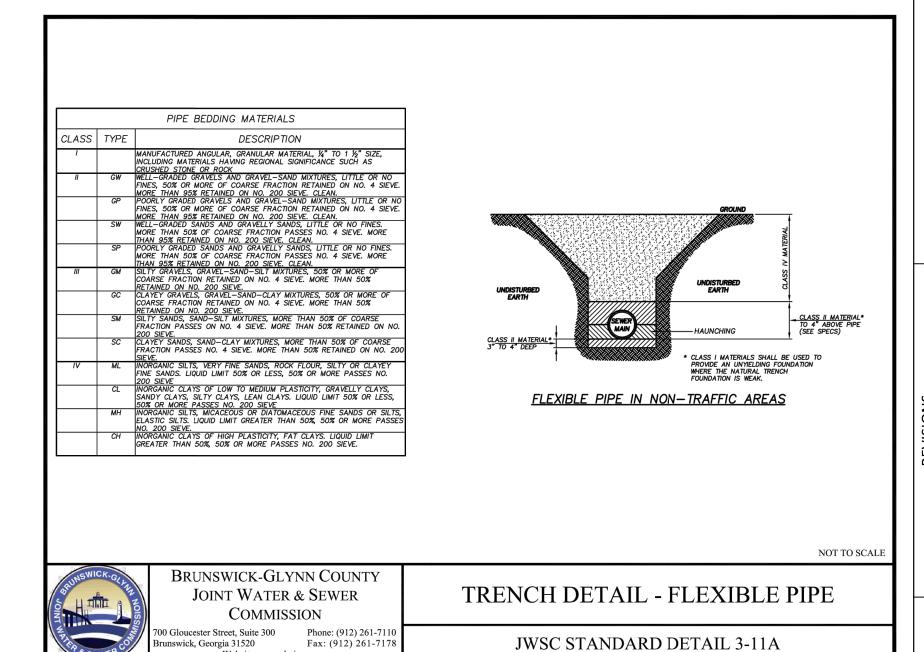
a. THE FENCE SHALL BE SIX (6) FEET HIGH, CONSISTING OF TWO (2) INCH MESH BY NINE (9) GAUGE ALUMINUM COATED STEEL FABRIC CONFORMING TO THE LATEST REVISION OF ASTM A-491. THE FENCE SHALL HAVE A SEVEN (7) GAUGE ALUMINUM COATED STEEL COIL SPRING TENSION WIRE ALONG THE BOTTOM OF THE FENCE FABRIC. THREE STRANDS OF TWELVE AND ONE-HALF (12-1/2) GAUGE ALUMINUM COATED

STEEL OF BARBED WIRE WITH FOUR (4) POINT ALUMINUM BARB SPACED FIVE (5) INCHES APART MOUNTED ON THE BARBED WIRE SUPPORT ARMS SHALL BE INSTALLED ALONG THE TOP OF THE FENCE FABRIC.

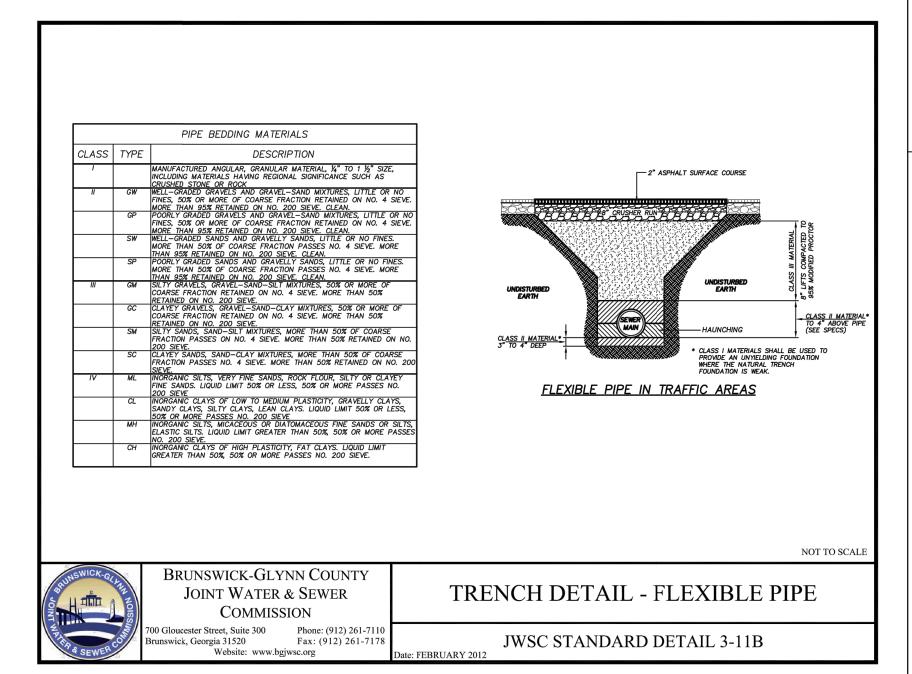
THE POSTS SHALL BE GALVANIZED LINE POSTS, TWO AND A HALF (2 ½) INCH (3.65 LBS PER FT); GALVANIZED CORNER POSTS, THREE (3) INCH O.D. (2.27 LBS PER FT) WITH EXTRA LONG PRESSED STEEL SLEEVES. CORNER AND GATE POST SHALL HAVE NECESSARY STRUTS AND TIE BRACING. PROVIDE WATER

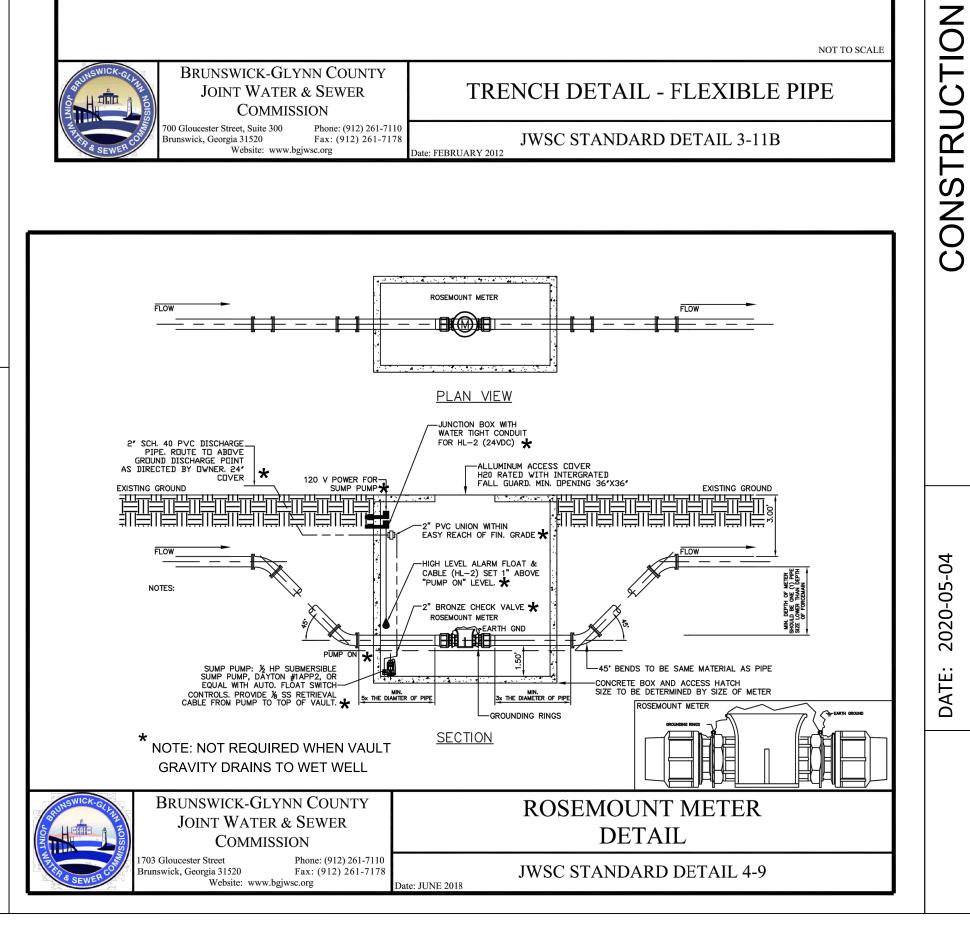
GATE SHALL BE A PAIR OF 8'-0" LONG (SIXTEEN (16) FOOT TOTAL WIDTH) SIX (6) FEET HIGH SECTIONS AND SHALL BE EQUIPPED WITH A PROP POST CENTER LATCH AND HASP ASSEMBLY. A GROUND ANCHOR CAST IN CONCRETE SHALL BE PROVIDED. GATES SHALL BE FACTORY FABRICATED, GREEN PVC COATED CONFORMING TO THE LATEST REVISION OF ASTM A-429 AND EQUIPPED WITH GATE HOLDERS. DUCKBILL BACKSTOPS SHALL BE PROVIDED FOR SWING SIDE OF BOTH GATE SECTIONS.

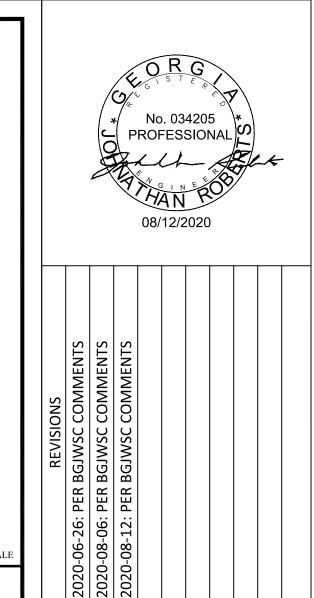
> JWSC LIFT STATION FENCING JWSC STANDARDS FOR WATER AND SEWER DESIGN AND CONSTRUCTION **SECTION 4.5.2.2**



Website: www.bgjwsc.org

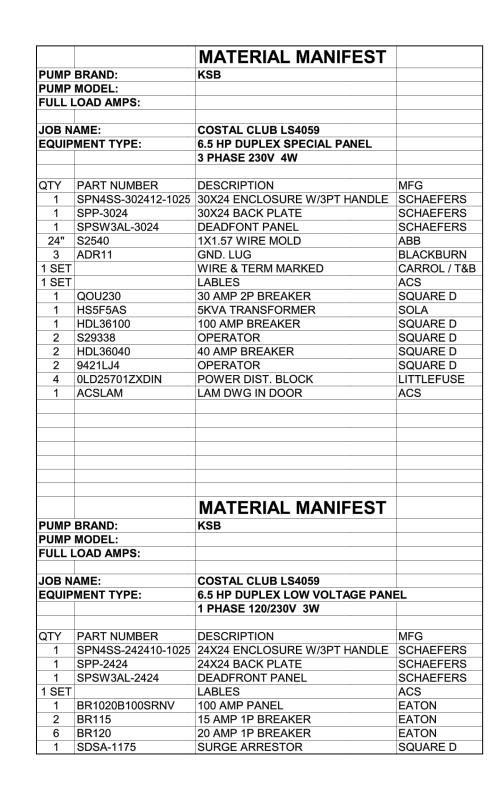


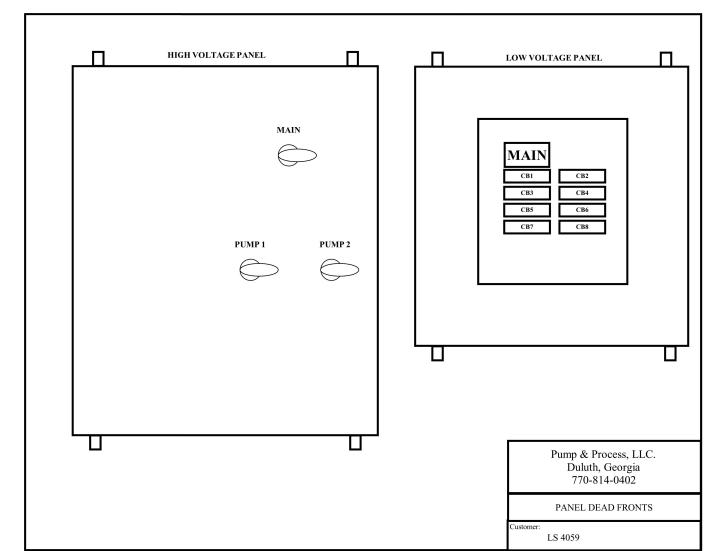


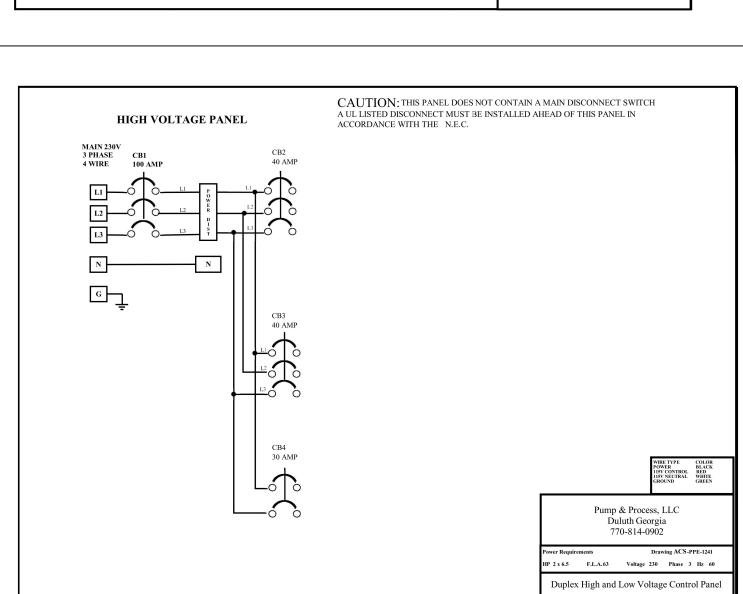




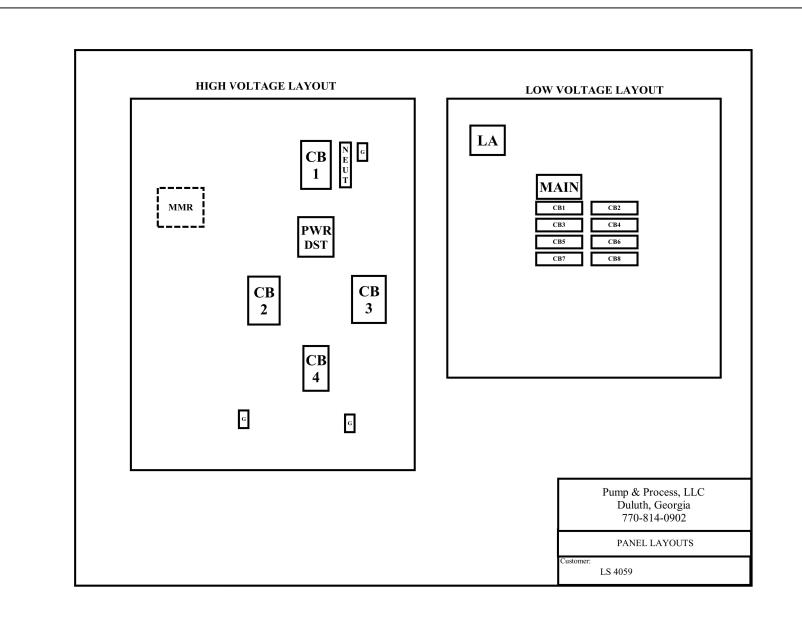
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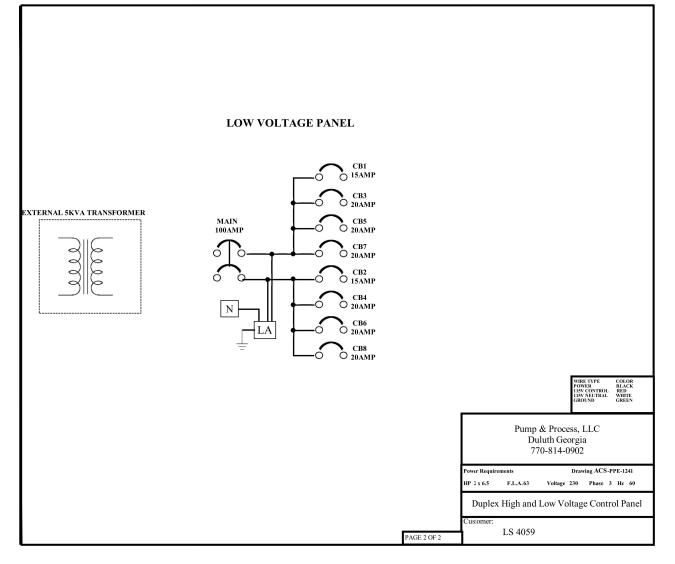


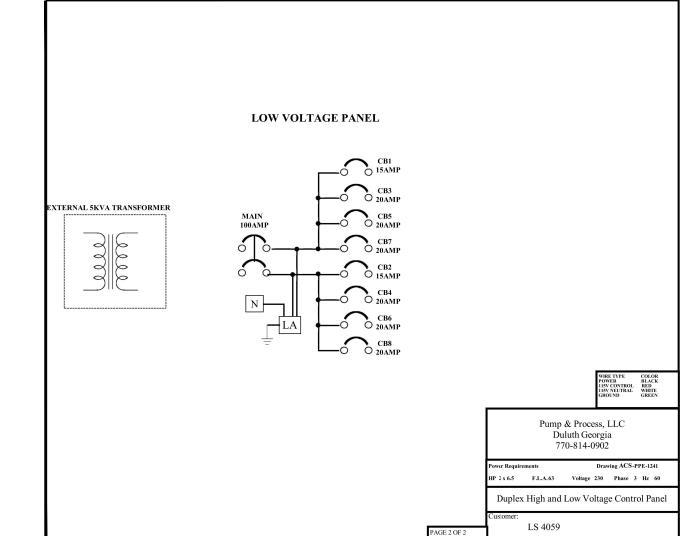


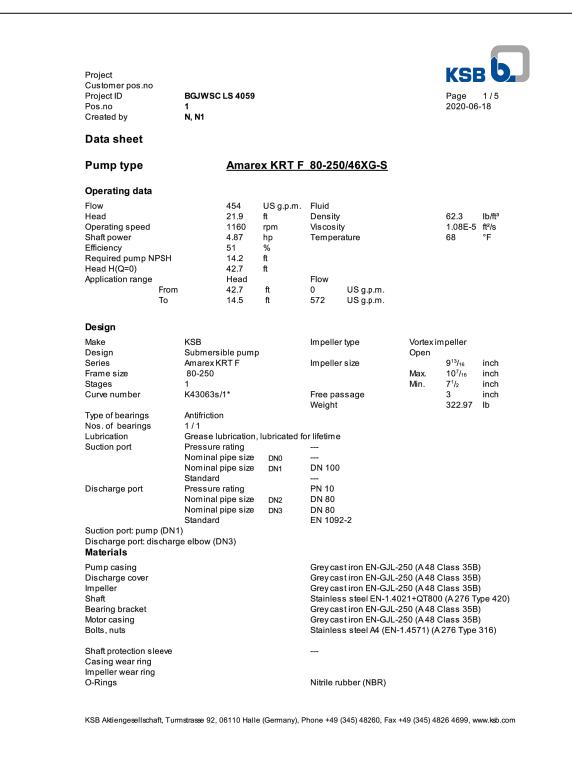


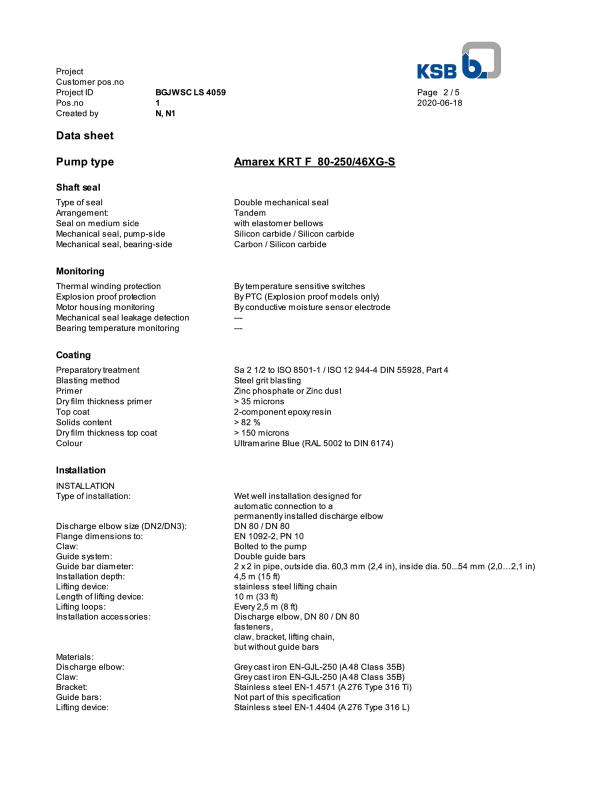
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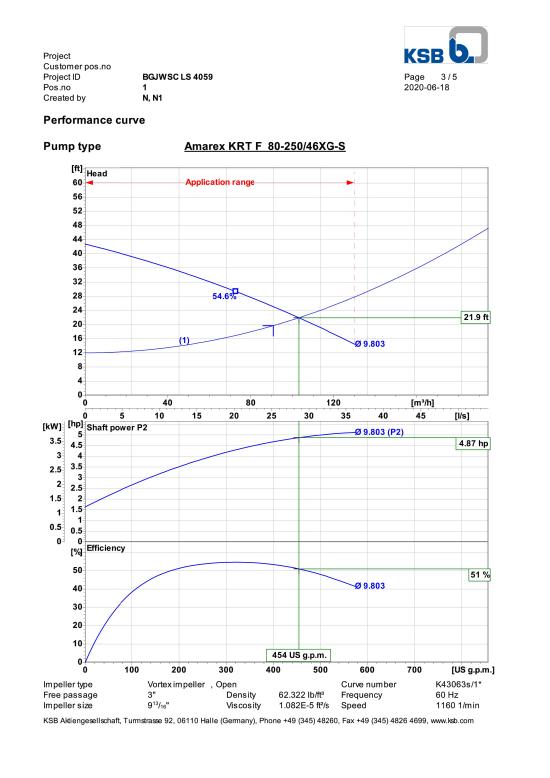


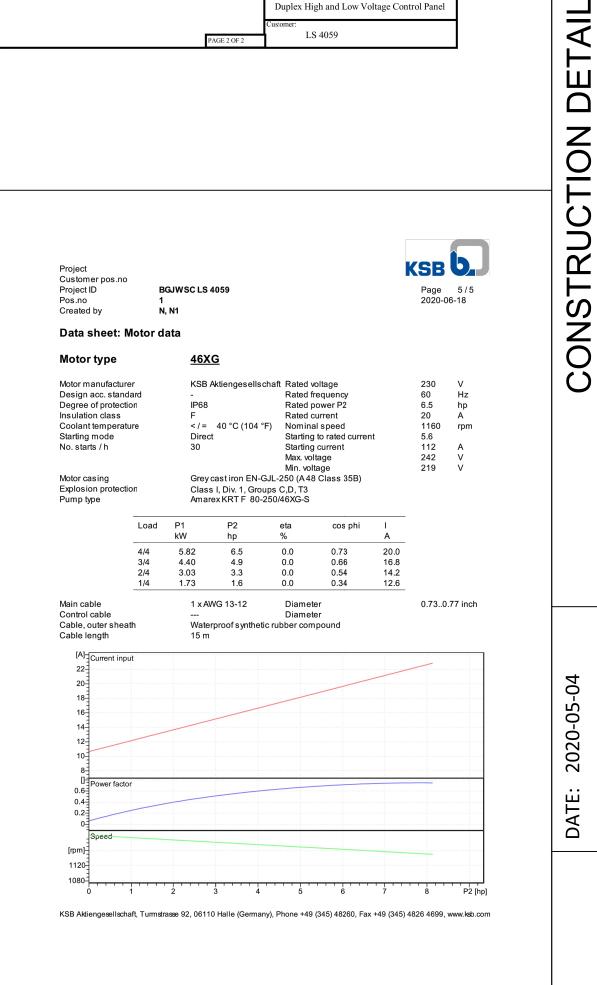


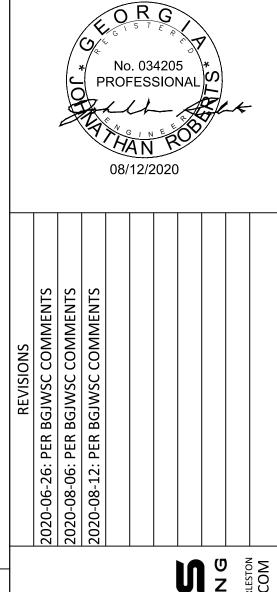
















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