

PROJECT DESCRIPTION

COMPLETE REHABILITATION OF TWO WET WELLS, FLOW SPLITTER, AND ANCILLARY ITEMS AS SHOWN ON PLANS. CONVERT TO AN ABOVEGROUND VALVE ASSEMBLY.

ABANDON IN-PLACE THE EXISTING VALVE VAULTS,

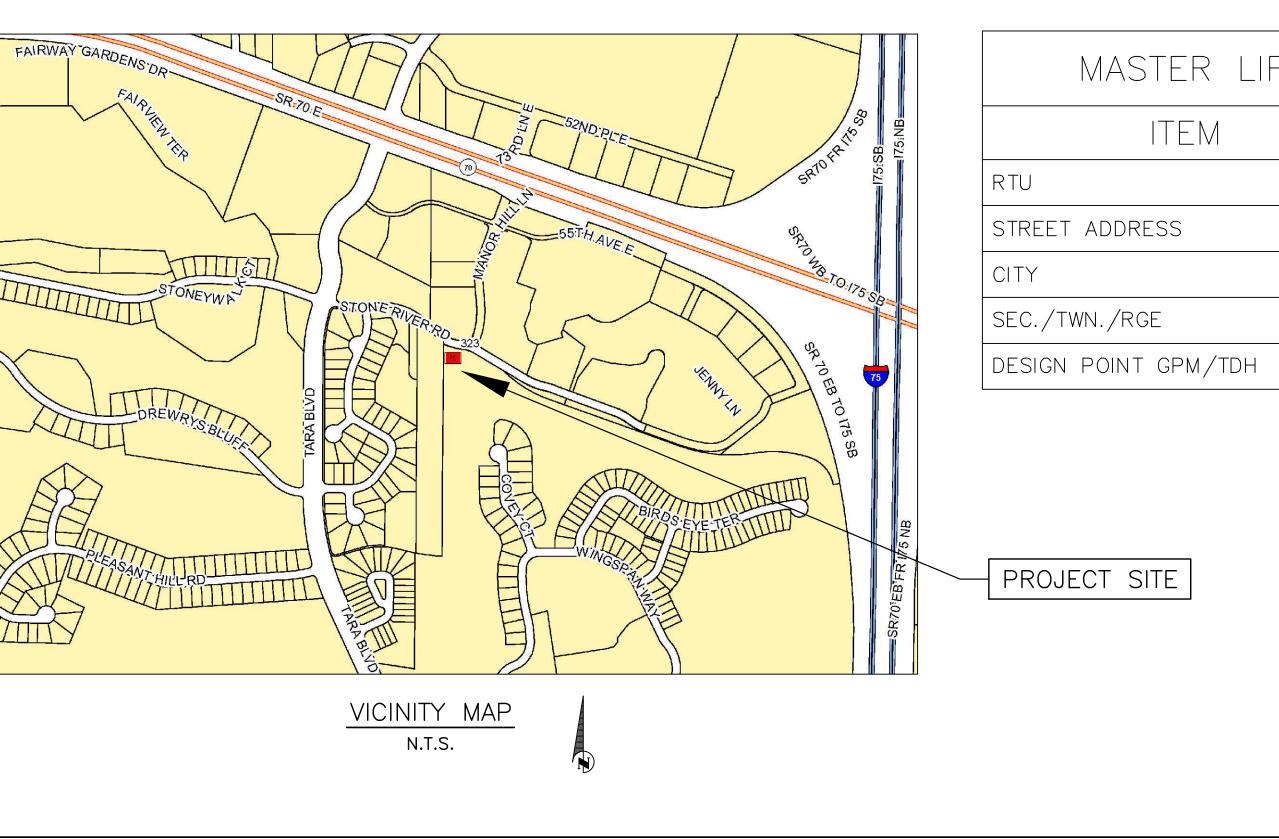


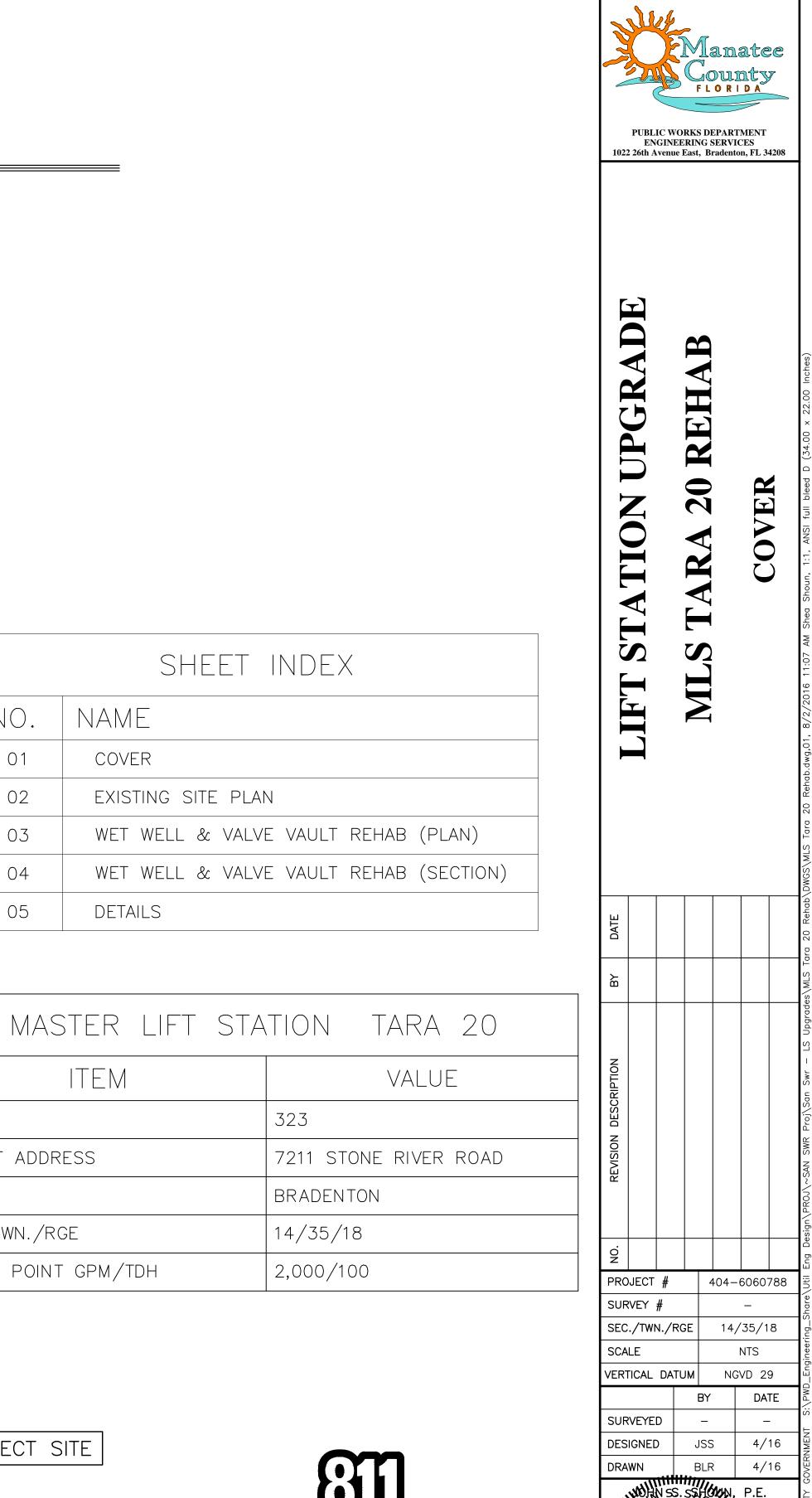
LIFT STATION UPGRADE MLS TARA 20 REHAB 404-6060788

AUGUST 2016

100% PLANS

NO.	NAME
01	COVEF
02	EXISTI
03	WET V
04	WET V
05	DETAIL





Know what's below

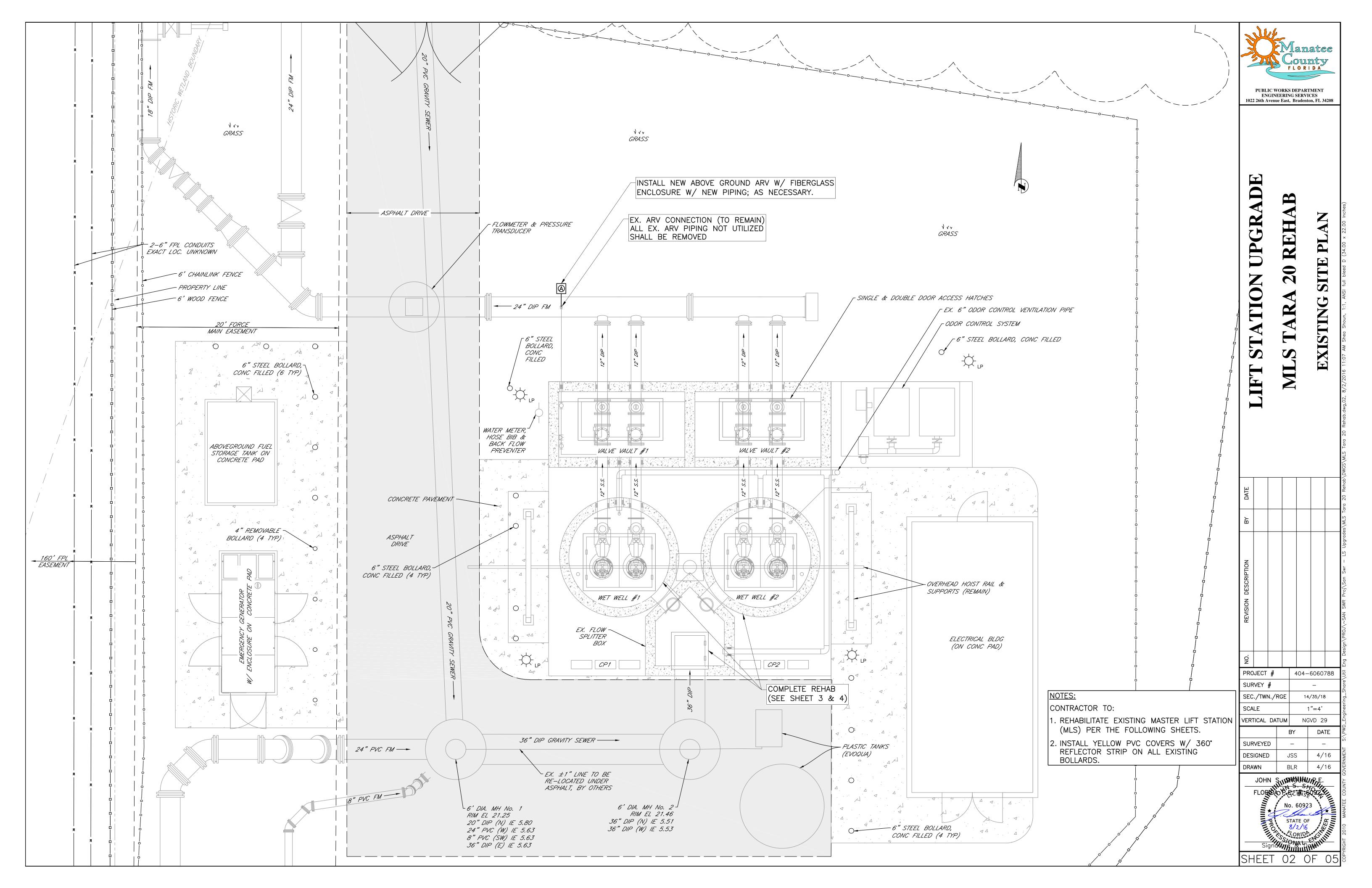
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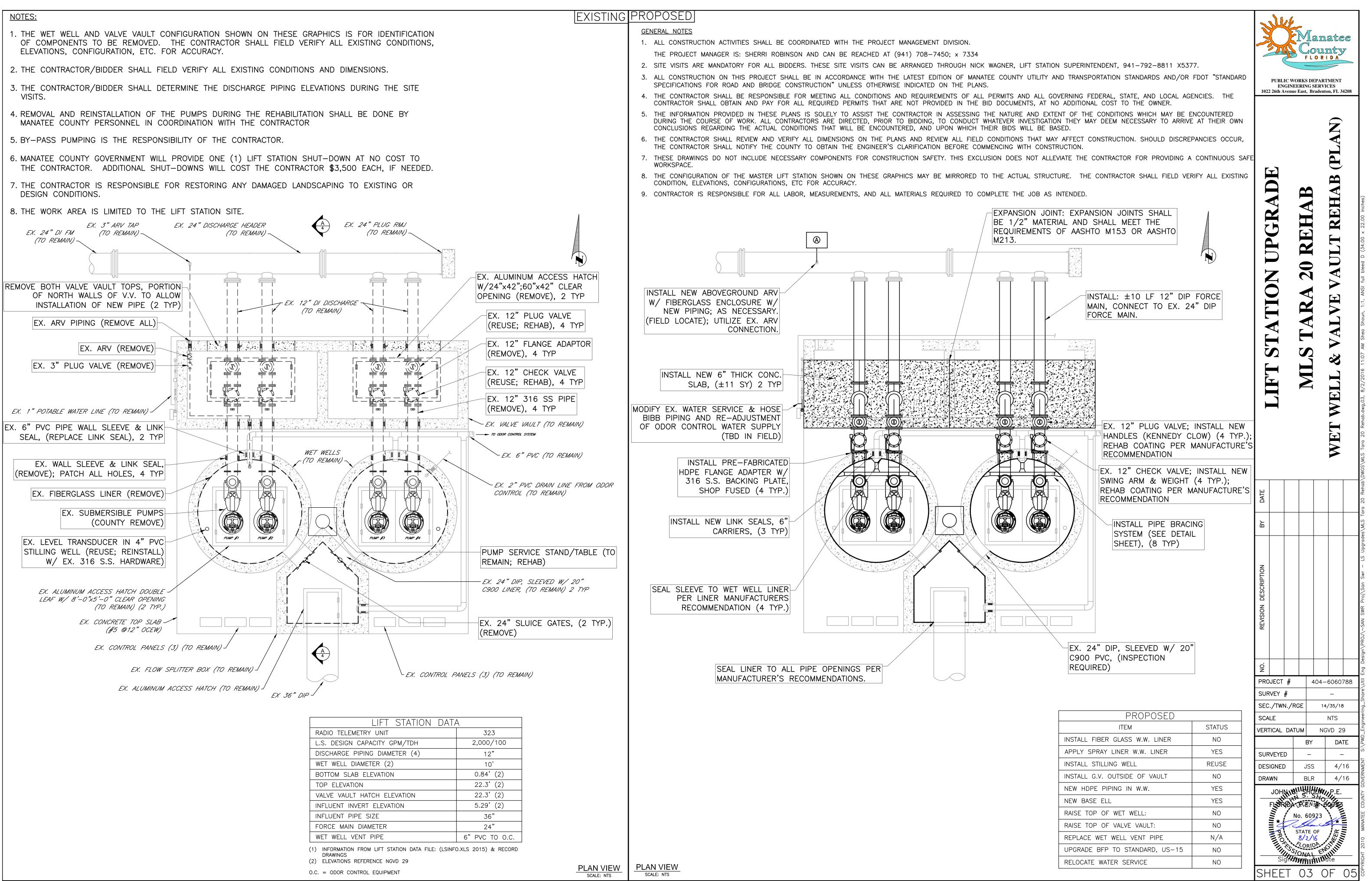
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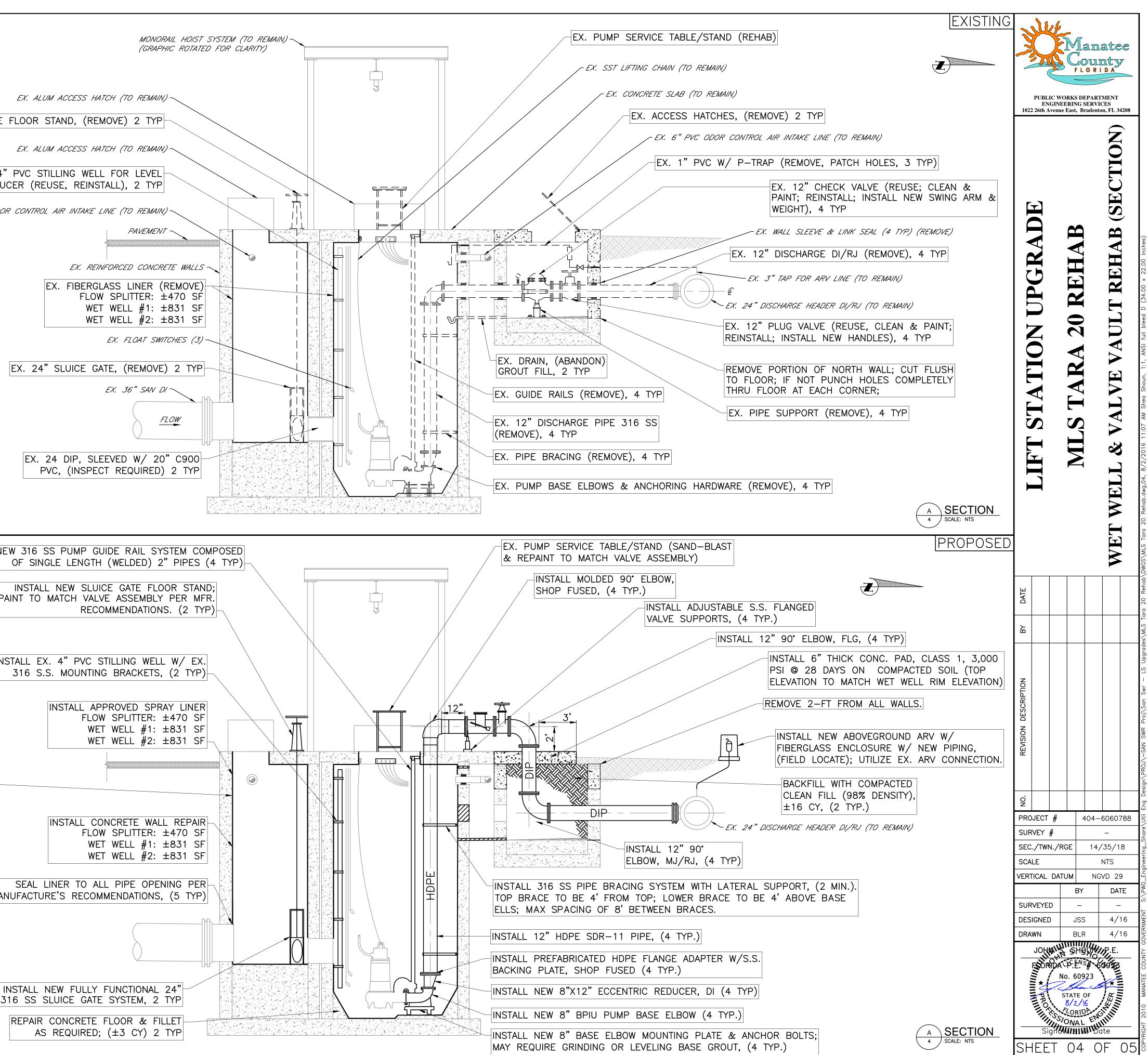
SHEET 01 OF 05





	<u>ES:</u>	
	CONTRACTOR SHALL NOT BACKFILL OVER ELECTRO—FUSED COUPLINGS UNTIL INSPECTOR HAS VISUALLY CHECKED IT FOR LEAKS DURING PUMP STARTUP OR PRESSURE TEST AS DIRECTED BY THE COUNTY.	EX. ALUM ACCESS HA
2.	ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS.	EX. 24" SLUICE GATE FLOOR STAND, (REM
3.	CONTRACTOR SHALL REMOVE EXISTING PAINT COATING FROM CHECK VALVES AND PLUG VALVES AND REPAINT PER MANUFACTURERS RECOMMENDATIONS.	EX. ALUM ACCESS HA
4.	CONTRACTOR SHALL STOP ALL INFILTRATION LEAKS INTO THE EXISTING UNDERGROUND STRUCTURES.	TRANSDUCER (REUSE, REINST
5.	THE CONCRETE SHALL BE GIVEN A BROOM FINISH. THE SURFACE VARIATIONS SHALL BE NOT MORE THAT $1/4$ " UNDER A TEN FOOT (10') STRAIGHTEDGE, NOT MORE THAN $1/8$ " ON A FIVE FOOT (5') TRANSVERSE SECTION. THE EDGE OF THE CONCRETE PAD SHALL BE CAREFULLY FINISHED WITH A EDGING TOOL HAVING A RADIUS OF $1/2$ ".	<i>EX. REIN</i> EX. FIBERGL
6.	EXPANSION JOINT: EXPANSION JOINTS SHALL BE 1/2" MATERIAL AND SHALL MEET THE REQUIREMENTS OF AASHTO M153 OR AASHTO M213.	FLOW WET WET
7.	THE ABOVE GROUND VALVE ASSEMBLY & PIPING SHALL BE PAINTED, RUSTOLEUM 7538 HUNTER GREEN. CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT OVER—SPRAY OF PAINT ONTO THE CONCRETE SLAB UNDERNEATH.	EX. 24" SLUICE GA
8.	CONTRACTOR TO SANDBLAST & PAINT EXISTING PUMP SERVICE TABLE, SAME COLOR AS ABOVE-GROUND VALVE ASSEMBLY.	
9.	CONTRACTOR SHALL USE NON-SHRINK HYDRAULIC GROUT/CEMENT WHEN MAKING STRUCTURE ALTERATIONS/REPAIRS.	
10.	ALL VALVES TO BE REHABILITATED SHALL BE DONE PER THE MANUFACTURER'S RECOMMENDATIONS. A COPY OF THE RECOMMENDATIONS SHALL BE PROVIDED TO THE COUNTY PRIOR TO IMPLEMENTATION.	EX. 24 DIP, SLE PVC, (INSPEC
11.	ALL PAINTING SHALL BE INCLUDED IN THE BID ITEM, MISCELLANEOUS WORK.	
		INSTALL NEW 316 SS PUMP GU OF SINGLE LENGTH
		INSTALL NEW SLUI PAINT TO MATCH VAL RECO
		REINSTALL EX. 4" PVC S 316 S.S. MOUNTIN
		INSTALL AP FLOV WE
	 REMOVE EXISTING LINER MATERIAL ON WALLS, FLOORS, ANI VERIFY LIMITS OF DEMOLITION AND RESTORATION OF WALLS CEILING WITH COUNTY PERSONNEL PRIOR TO COMMENCING PRESSURE CLEAN AND REMOVE ALL DETERIORATED CONCRE CLEAN AND COAT EXPOSED REINFORCING STEEL PRIOR TO RESTORE CONCRETE TO ORIGINAL PROFILE. STOP ALL GROUND WATER INFILTRATION. AFTER RESTORATION INSTALL NEW SPRAY LINER. 	S, FLOORS, AND WORK. ETE. INSTALL CO

316 SS SLUICE GATE SYSTEM, 2 TYP



- FACE OF WALL . • 4

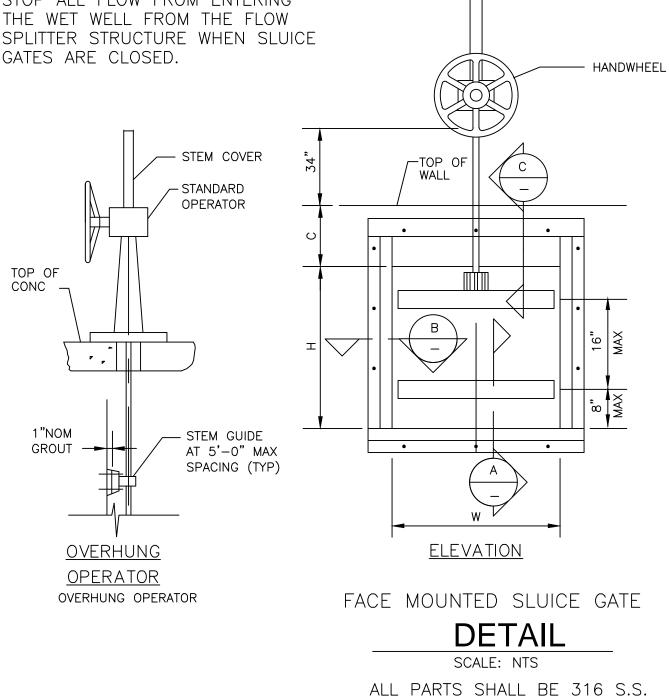
3/8"SS EXP BOLT 18"MAX SPACING ———

SS ADJUSTERS -

COPLASTIC GUIDE -----

SECTION B 1" MIN GROUT RECESS REQD FOR ANGLE----CTTT GATE ADJUSTABLE PRESSURE PADS (TYP) _____

SECTION A



SPLITTER STRUCTURE WHEN SLUICE GATES ARE CLOSED.

NOTE: ORIGINAL DETAIL PROVIDED FOR REFERENCE. SLUICE GATES MAY BE REPLACED EXACTLY OR MAY USE EQUIVALENT. INTENT IS TO STOP ALL FLOW FROM ENTERING THE WET WELL FROM THE FLOW

STEMCOVER

1" ANCHOR-BOLT HOLES AT

