

CONSTRUCTION NOTES:

- . INSTALL ±10 LF NEW ELECTRICAL SERVICE W/ CONDUIT. REMOVE AND INSTALL ALL NEW ELECTRICAL STRUCTURE (RACK), A CONTROL PANEL, TCU ENCLOSURE, JUNCTION BOX ÈNCLOSURE, A METER CAN, AND A SAFETY SWITCH
- (DISCONNECT). NEW ELECTRICAL STRUCTURE SHALL BE FIELD LOCATED WITH MANATEE COUNTY PERSONNEL. A TCU BUBBLER UNIT (TBU360) SYSTEM PROVIDED AN INSTALLED BY DATA FLOW SYSTEMS (DFS) FOR WET WELL LEVEL CONTROL SHALL BE INCLUDED WITH THE CONTROL
- INSTALL #5 REBAR (6 TYP.) EPOXY EMBEDDED INTO THE WE WILL TOP 3-4 INCHES DEÉP AND CAST 3_4 FEET INTO TH VALVE VAULT ASSEMBLY CONCRETE PAD TO ENSURE TH TOPS OF THE WET WELL AND VALVE ASSEMBLY PAD WILL
- . INSTALL WASHED SHELL & WEED BARRIER (±100 SY); GRADE THE AREA AROUND WET WELL TO ALLOW FOR POSITIVE DRAINAGE AWAY FROM LIFT STATION AND TO HAVE A 4 REVEAL ON THE WET WELL/VALVE ASSEMBLY PAD.
- COORDINATE WITH MANATEE COUNTY PERSONNEL. SEPARATE THE TELEMETRY TOWER FROM CONCRETE BASE AN SET TO SIDE OF LIFT STATION SITE. CONTRACTOR SHALL REMOVE AND DISPOSE OF CONCRETE BASE. COUNTY SHALL INSTALL NEW TELEMETRY ANTENNA.
- . REPAIR CONCRETE WALLS, AS NEEDED, IN WET WELL, 2-INCI MIN. THICK OVER EXISTING REBAR, (±250 SF). ALL REPAIRS TO BE VERIFIED W/ COUNTY PERSONNEL PRIOR TO WORK.
- DAMAGED EXISTING PROTECTIVE LINER(S) AND DETERIORATED WET WELL CONCRETE WALLS SHALL BE INSPECTED B COUNTY PERSONNEL PRIOR TO REMOVAL AND INSTALLATION OF CONCRETE REPAIR AND/OR INSTALLATION OF NEW PROTECTIVE LINER(S) AND/OR LINER REPAIR.
- WET WELL CONCRETE WALLS SHALL BE INSPECTED COUNTY PERSONNEL PRIOR TO INSTALLATION OF NEW SPRAY LINER AND/OR LINER REPAIR. UPGRADE AND RELOCATE METER, BPA, & HOSE BIE
- ASSEMBLY. FIELD LOCATE WITH MANATEE COUNTY PERSONNEL. 10. INSTALL A 12-FT WIDE 6-INCH THICK REINFORCE CONCRETE DRIVEWAY. EXACT LOCATION AND LAYOUT SHALL BE DETERMINED IN THE FIELD WITH COUNTY PERSONNEL, (±45
- 11. CONTRACTOR TO REGRADE SITE TO ALLOW FOR A POSITIVE DRAINAGE SLOPE AWAY FROM THE LIFT STATION AREA TOWARDS THE SURROUNDING DITCHES. MAXIMUM OF 1%
- 12. AN ELECTRICAL SYSTEM STUDY, ELECTRICAL STUDY ANALYSIS AND PROPER LABELING IN COMPLIANCE WITH NFPA 70E "STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE" AND IEEE 1584 2018 "GUIDE FOR PERFORMING ARC FLASH HAZARDS CALCULATIONS" SHALL BE PROVIDED.

LIFT STATION SCHEDULE (PROPOSED)

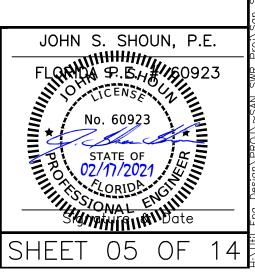
INSTALL FIBERGLASS W.W. LINER	NO
APPLY SPRAY LINER W.W. LINER	NO
INSTALL STILLING WELL	YES
INSTALL FORCE MAIN ISOLATION VALVE	YES
NEW HDPE DISCHARGE PIPING	YES, 6"
NEW BASE ELL	4" BPIU-14
RAISE TOP OF WET WELL:	YES
RAISE TOP OF VALVE VAULT:	NO
INSTALL WET WELL VENT PIPE	YES
INSTALL NEW WATER SERVICE ASSEMBLY, US-15	YES
UPGRADE / RELOCATE EX. WATER SERVICE ASSEMBLY	YES

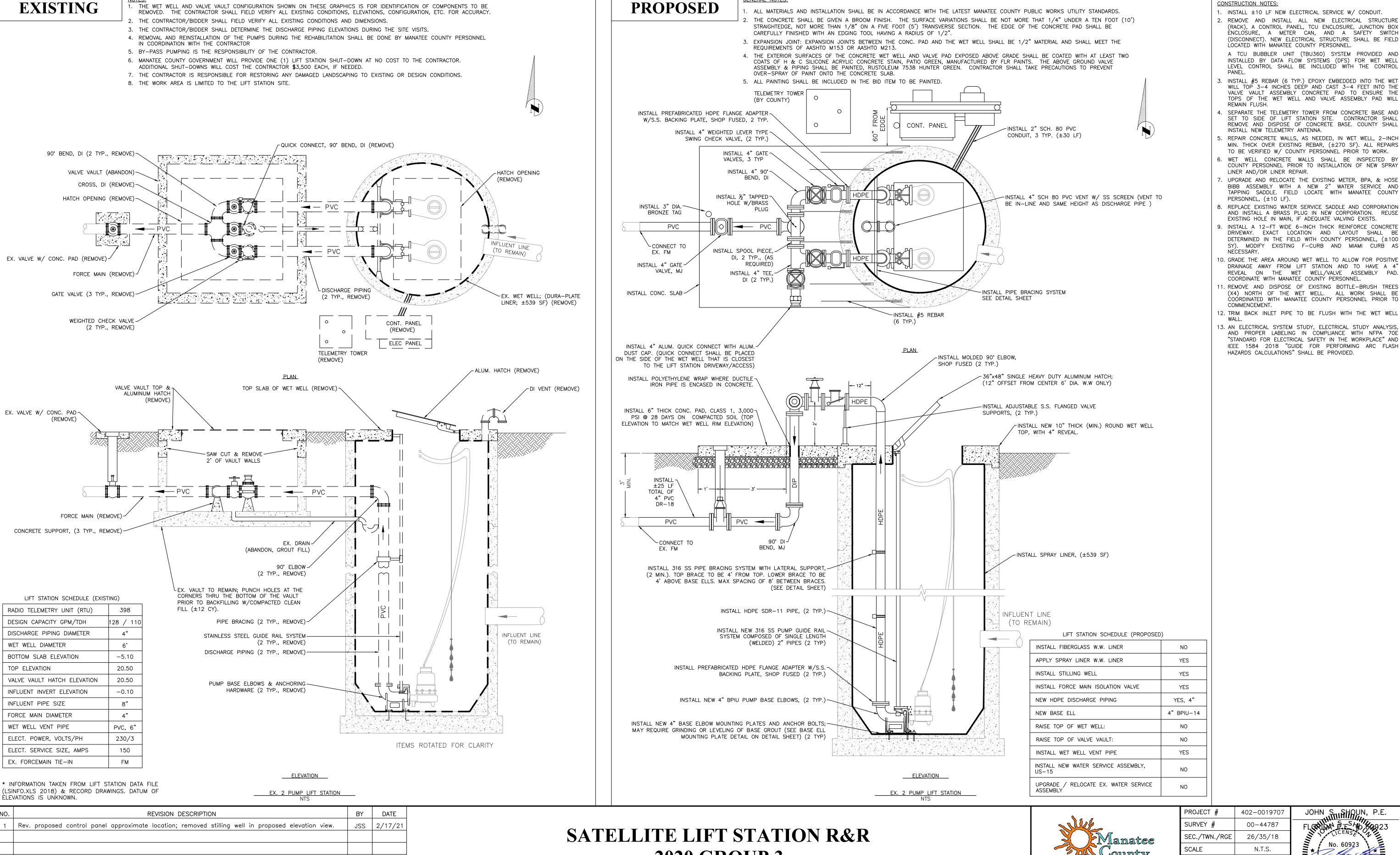
LAKEWOOD MEADOWS, RTU 388 (REHAB)



PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208

PROJECT #		402-0019707		
SURVEY #		00-44787		
SEC./TWN./	EC./TWN./RGE		31/35/18	
SCALE			N.T.S.	
		BY	DATE	
SURVEYED			4/12/19	
DESIGNED	JSS		09/2019	
DRAWN	JSS		08/2019	
CHECKED	JSS		08/2019	





2020 GROUP 3 MOTE RANCH 3, RTU 398 (REHAB)



ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208

PROJECT #		402-0019707		
SURVEY #	00-		-44787	
SEC./TWN./	RGE 26/3		/35/18	
SCALE	N.T.S.			
	BY		DATE	
SURVEYED			4/12/19	
DESIGNED	JSS		09/2019	l _
DRAWN	JSS		08/2019	_
CHECKED	JSS		08/2019	S

JOHN S. SHOUN, P.E.
No. 60923
STATE OF 55 02/17/2021
STATE OF 02/17/2021 CORIDA CITILITY SIGNOMINITAL Date
Sign owing W Date
SHEET 06 OF 14

