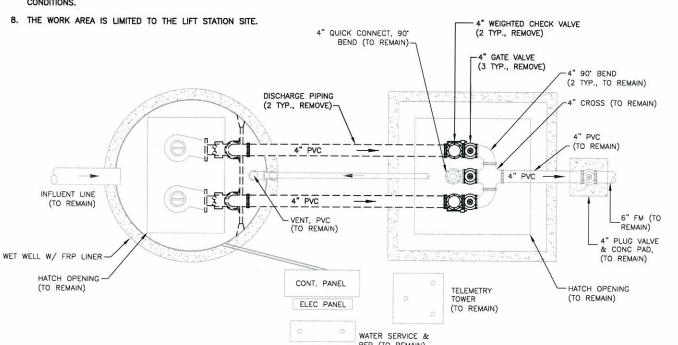
# EXISTING

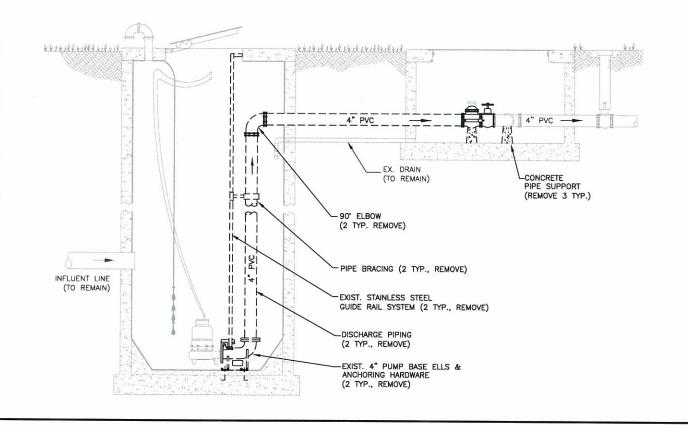
### NOTES

- THE WET WELL AND VALVE VAULT CONFIGURATION SHOWN ON THESE GRAPHICS IS FOR IDENTIFICATION OF COMPONENTS TO BE REMOVED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, CONFIGURATION, ETC. FOR ACCURACY.
- 2. THE CONTRACTOR/BIDDER SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
- 3. THE CONTRACTOR/BIDDER SHALL DETERMINE THE DISCHARGE PIPING ELEVATIONS DURING THE SITE VISITS.
- 4. REMOVAL AND REINSTALLATION OF THE PUMPS DURING THE REHABILITATION SHALL BE DONE BY MANATEE COUNTY PERSONNEL IN COORDINATION WITH THE CONTRACTOR
- 5. BY-PASS PUMPING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 6. MANATEE COUNTY GOVERNMENT WILL PROVIDE ONE (1) LIFT STATION SHUT-DOWN AT NO COST TO THE CONTRACTOR. ADDITIONAL SHUT-DOWNS WILL COST THE CONTRACTOR \$3,500 EACH, IF NEEDED.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ANY DAMAGED LANDSCAPING TO EXISTING OR DESIGN

RADIO TELEMETRY UNIT (RTU)	360		
WET WELL DIAMETER	6'		
DISCHARGE PIPING DIAMETER	4"		
FORCE MAIN DIAMETER	6"		
INFLUENT PIPE SIZE	8"		
INFLUENT INVERT ELEVATION	24.63		
BOTTOM SLAB ELEVATION	19.78		
TOP ELEVATION	38.91		
VALVE VAULT HATCH ELEVATION	38.91		
WET WELL VENT PIPE	PVC		
L.S. DESIGN CAPACITY gpm/TDH	105/30		

 INFORMATION TAKEN FROM LIFT STATION DATA FILE (LSINFO.XLS 2011) & RECORD DRAWINGS





## PROPOSED

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INSTALL FIBERGLASS W.W. LINER	NO
APPLY SPRAY LINER W.W. LINER	NO
INSTALL STILLING WELL	NO
INSTALL P.V. OUTSIDE OF V.V.	NO
NEW HDPE PIPING IN W.W.	YES, 4"
NEW BASE ELL	4" BPIU-14
RAISE TOP OF WET WELL:	NO
RAISE TOP OF VALVE VAULT:	NO
REPLACE WET WELL VENT PIPE	NO
UPGRADE BFP TO STANDARD, US-15	NO
RELOCATE WATER SERVICE/BFP	NO

### NOTES:

- CONTRACTOR SHALL NOT BACKFILL OVER ELECTROFUSED COUPLINGS UNTIL INSPECTOR
  HAS VISUALLY CHECKED IT FOR LEAKS DURING PUMP STARTUP OR PRESSURE TEST AS
  DIRECTED BY THE ENGINEER.
- ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS.

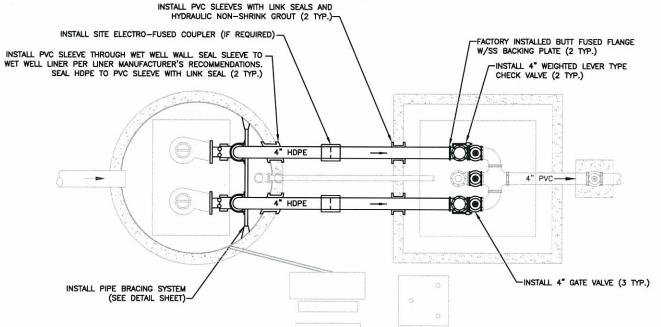


# ABILITATION GROUP 3 ROSEDALE 2, RTU 360

REH

	DATE	1/22/1						
	Α	SSC						
	REVISION DESCRIPTION	ADDED 3 SS PIPE SUPPORTS						
- INSTALL SS ADJUSTABLE PIPE SUPPORTS (3 TYP.)	Ñ.	-						
2 MIN.). TOP BE 4' ABOVE		PROJECT # 402-0 500 SURVEY #			0019707 01334			
		SEC./TWN./RGE 22/35/					8	
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BOLTS; MAY ELL MOUNTING	,9 <u>w</u>	WAL ENTIN						
,	′′/ <del> </del> ੁ	SHEET 8 OF 12						
	15	HL	_	8	OF	-	/	

4" PVC --



BUTT FUSED FACTORY INSTALLED ELBOW (2 TYP.)

-INSTALL NEW SS PUMP GUIDE RAIL SYSTEM COMPOSED

OF SINGLE LENGTH (WELDED) 2" PIPES (2 TYP)

INSTALL NEW 4" BPIU PUMP BASE ELLS (2 TYP)

PLATE DETAIL ON DETAIL SHEET) (2 TYP)

-INSTALL HDPE SDR-11 PIPE (2 TYP)

FACTORY INSTALLED BUTT FUSED FLANGE W/SS BACKING PLATE (2 TYP)

- INSTALL SS PIPE BRACING SYSTEM WITH LATERAL SUPPORT, (2 MIN.). TOP BRACE TO BE WITHIN 2' OF TOP ELBOW. LOWER BRACE TO BE 4' ABOVE BASE ELLS. MAX SPACING OF 8' BETWEEN BRACES.

-INSTALL NEW 4" BASE ELL MOUNTING PLATES AND ANCHOR BOLTS; MAY REQUIRE GRINDING OR LEVELING OF BASE GROUT (SEE BASE ELL MOUNTING