



SECTION - FRONT VIEW

SECTION SIDE VIEW

NOTES:

- 1 - THE AVAILABLE POWER SUPPLY AT THE LIFT STATION SHALL BE 480 VOLT 3-PHASE.
- 2 - ALL WIRING AND ELECTRICAL WORK SHALL BE PERFORMED BY A CERTIFIED, LICENSED ELECTRICIAN.
- 3 - THE MANUAL DOUBLE THROW DISCONNECT SHALL HAVE A LOCK-OUT FEATURE.
- 4 - INSTALLATION OF 4, 3-INCH SCHEDULE 40 PVC ELECTRICAL CONDUITS IS REQUIRED FROM THE WET WELL TO THE CONTROL PANEL SUB-SECTION FOR ALL CABLES AND WIRING. USE OF A 90-DEGREE SWEEP ELBOW WITH A 36-INCH RADIUS WILL BE REQUIRED. THE HORIZONTAL RUNS SHALL BE BURIED A MINIMUM OF 18 INCHES DEEP, EMBEDDED IN SAND AND MARKED WITH UNDERGROUND ELECTRICAL CAUTION TAPE.
- 5 - NOT SHOWN ARE THE POWER UTILITY AUTHORIZED METER BASE, MAIN DISCONNECT AND ALARM SYSTEM. PLACEMENT OF THESE COMPONENTS ON THE ELECTRICAL RACK SHALL BE APPROVED BY THE DISTRICT.
- 6 - THE LAYOUT OF THE LIFT STATION FACILITIES (WETWELL, VALVE VAULT, POWER TRANSFORMER, CONTROL PANEL, BOLLARDS, ETC.) SHALL BE APPROVED BY THE DISTRICT. BOLLARDS SHALL BE INSTALLED IN SLEEVES SO THEY CAN BE REMOVED AS NECESSARY.
- 7 - ALARM SYSTEM REQUIREMENTS SHALL BE EVALUATED ON A CASE-BY-CASE BASIS.

SCALE: NONE

ORIGINAL	
04/19/2019	LBH
REVISIONS	
07/07/2020	LBH

SOUTH DAVIS SEWER DISTRICT

**LIFT STATION
CONTROL PANEL DETAIL**



SHEET:
114-12