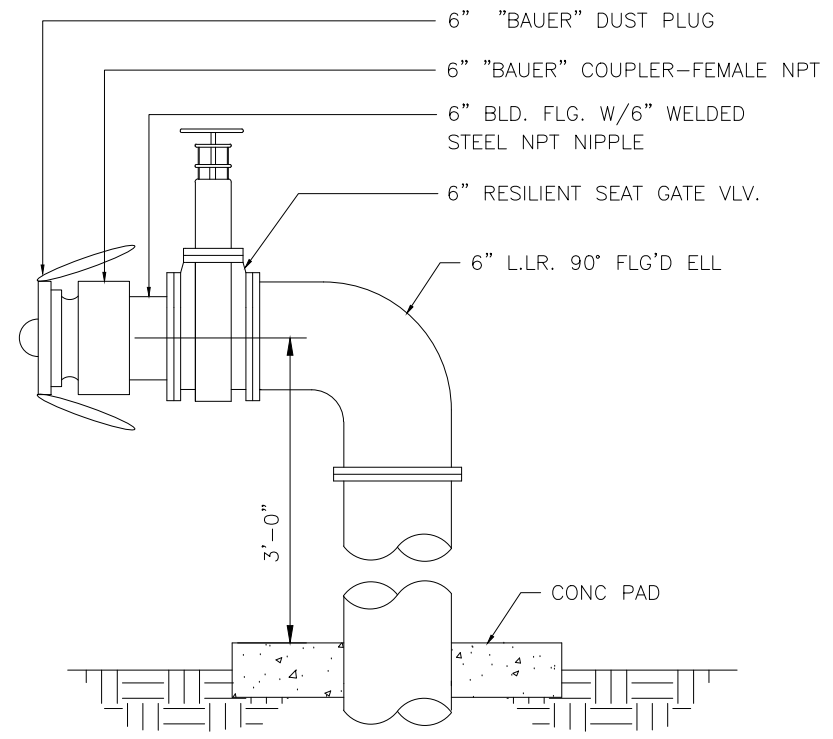


TYPICAL LIFT STATION LAYOUT

- NOTES: ASPHALT PAVING ACCESS AS REQUIRED
- FENCED AREA TO BE 4" MONOLITHIC CONCRETE PAD.
 - INFLUENT MAIN SHALL BE CLEAR OF PANEL AND VAULT.
 - WATER SERVICE TO L.S. MUST BE SUPPLIED WITH 1-1/2" R.P.Z. BACKFLOW PREVENTER INSIDE FENCE.
 - ACCESS ROAD TO HAVE 12" STABILIZED SUBBASE COMPACTED TO 98% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 ADD EITHER 8" CONCRETE OR 8" BASE COMPACTED TO 100% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 W/ 2" ASPHALT
 - CONTROL PANEL TO FACE NORTH OR SOUTH IF POSSIBLE.
 - FORCE MAIN PIPING MUST HAVE A GREEN-COATED #10 COPPER HEAD HIGH STRENGTH (HS) SOLID TRACER WIRE AND JOINT SEAL SHALL BE INSTALLED ALONG ALL PIPE. TRACER WIRE SHALL BE TAPED TO ALL VALVES.

Fencing Specifications:
 Fabric: 72" High, 9 Gauge, 2" Mesh, Green Vinyl Coated Fencing
 Line Post: 2" x 8' - 0.065" Thickness
 Terminal Posts: 2 1/2" x 8' - 0.065 Wall Thickness
 Gate Posts: 1-3" x 9' - sch.40.
 Top Rail: 1 1/8" O.D. - 0.065" Wall Thickness
 Gate Frame: 1 1/8" O.D. - 0.065" Thickness
 Barbed Wire: None
 Tension Wire: 9 Gauge Green Vinyl Coated
 All post set 10' O.C. in Concrete Footing
 All Pipe is Green Vinyl Coated

6" ACME DYNAMICS 573 (BAUER) FLANGED
 FEMALE COUPLER 1007628



EMERGENCY PUMP-OUT &
 FULL BORE PIG ACCESS

REQUIRED LIFT STATION INFORMATION

PUMP DATA:

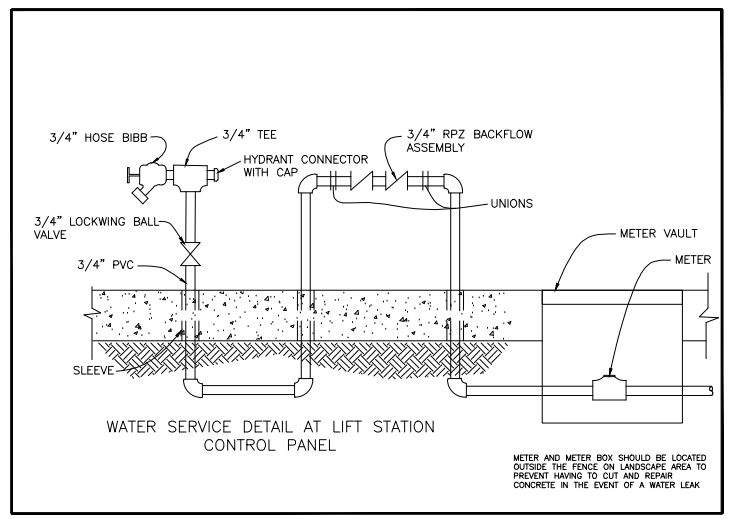
MANUFACTURER, _____
 MOD. No. _____ IMP. No. _____ MOTOR, _____ HP, _____
 RPM, _____ VOLTS, _____ PHASE, 60 HERTZ

OPERATING CONDITIONS:

_____ GPM AT _____ TDH.
 _____ % EFFICIENCY

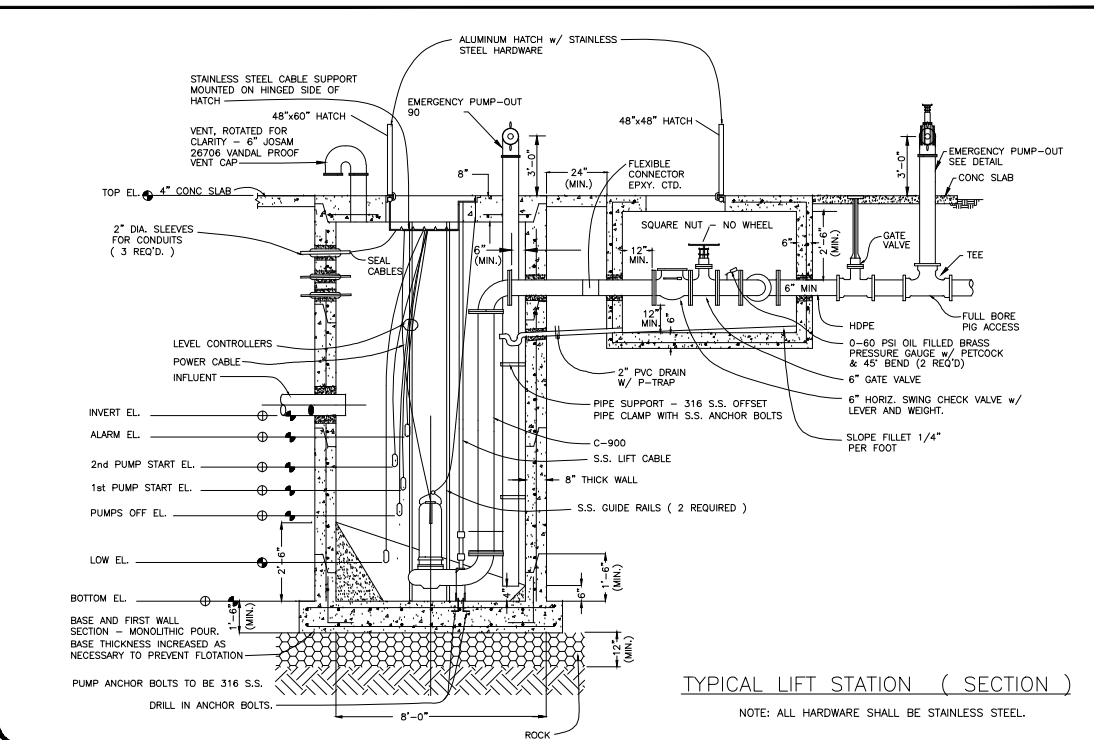
WET WELL:

SIZED FOR MINIMUM PUMP CYCLE TIME OF 210 MINUTES AND A MAXIMUM OF 6 PUMP STARTS PER HOUR. WORKING DEPTH _____ FT. WORKING VOLUME _____ GALS.



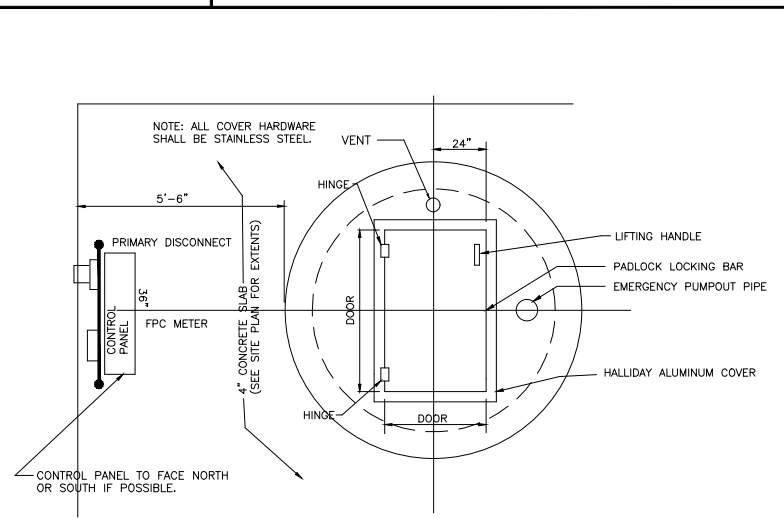
WATER SERVICE DETAIL AT LIFT STATION
 CONTROL PANEL

METER AND METER BOX SHOULD BE LOCATED OUTSIDE THE FENCE ON LANDSCAPE AREA TO PREVENT HAVING TO CUT AND REPAIR CONCRETE IN THE EVENT OF A WATER LEAK

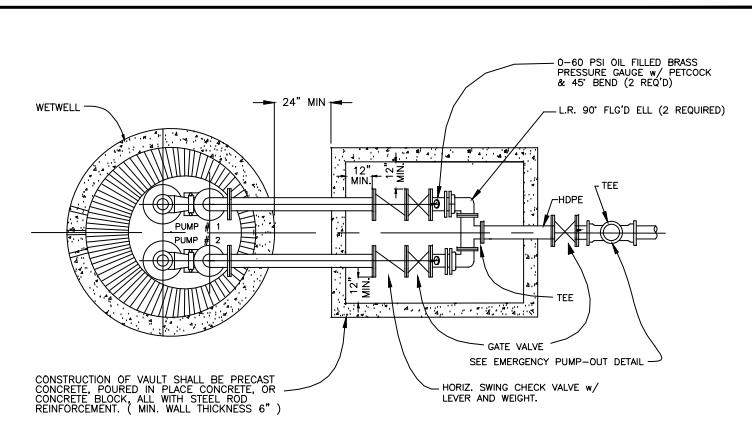


TYPICAL LIFT STATION (SECTION)

NOTE: ALL HARDWARE SHALL BE STAINLESS STEEL.



TYPICAL LIFT STATION (TOP PLAN)



TYPICAL LIFT STATION (PLAN)

CONSTRUCTION OF VAULT SHALL BE PRECAST CONCRETE, POURED IN PLACE CONCRETE, OR CONCRETE BLOCK, ALL WITH STEEL ROD REINFORCEMENT. (MIN. WALL THICKNESS 6")

ISSUE CODE	Updated	By
A	09-01-22	MJC
B	09-21-22	MJC
C	04-14-23	ROS
D	10-19-23	ROS

CITY OF LAKE WALES
 201 W. CENTRAL AVE. LAKE WALES, FLORIDA 33853

ISSUE CODE	A	B	C	D	E
	PRELIMINARY	DESIGN	BIDS	CONSTRUCTION	APPROVAL

DESIGN: _____ AND CHK'D BY: _____ SCALE: NTS
 DATE: _____
 DRAWN BY: _____ ENGR.
 DRAWING TITLE: **LIFT STATION DETAILS**

JOB NO. _____

AREA: CITY-OF-LAKE-WALES REV. _____