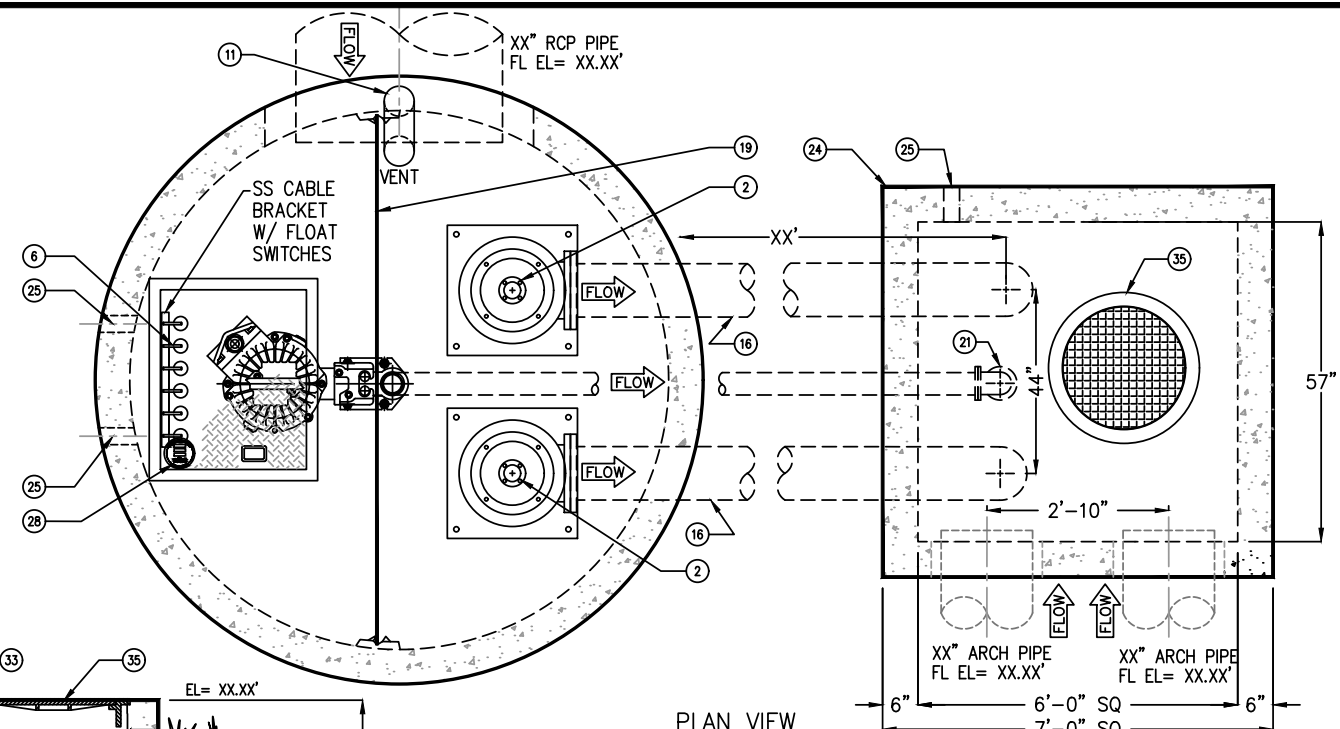
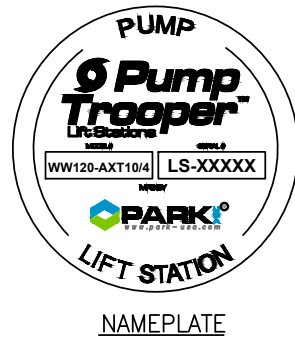


STATION OPERATION LEVELS		
RISING LEVEL CYCLE		
WATER LEVEL ELEVATION	ACTION	PUMPS IN OPERATION
XX.XX'	JOCKEY PUMP "ON", FS-2	JOCKEY PUMP "ON"
XX.XX'	LEAD PUMP "ON", FS-4	LEAD PUMP & JOCKEY PUMP "ON"
XX.XX'	LAG PUMP "ON", FS-5	LAG PUMP "ON"
XX.XX'	HIGH LEVEL ALARM "ON", FS-6	HIGH LEVEL ALARM SOUND
XX.XX'	DITCH FLOAT, FS-7	DITCH FLOAT "ON"
FALLING LEVEL CYCLE		
XX.XX'	DITCH FLOAT, FS-7	DITCH FLOAT "OFF"
XX.XX'	HIGH WAER LEVEL ALARM OFF, FS-6	HIGH LEVEL ALARM "OFF"
XX.XX'	ALL PUMP "OFF", FS-3	ALL PUMP "OFF" LAG PUMP SWITCHES TO LEAD PUMP
XX.XX'	JOCKEY PUMP "OFF", FS-1	NONE



KEYED NOTES		
MRK	QTY	DESCRIPTION
1	1	4\"/>

DRAWING NOT FOR SUBMITTAL. CONTACT PARKUSA FOR LIFT STATION DESIGN ASSISTANCE.

- NOTE: ALL DASHED PIPING TO BE FURNISHED BY CONTRACTOR
- NOTE: VERIFY ALL ELEVATIONS PRIOR TO FABRICATION
- NOTE: VERIFY ALL INLET/OUTLET ORIENTATIONS PRIOR TO FABRICATION

SPECIFICATION
CONCRETE:
 CLASS I/II CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR, FIRST STAGE OF WALL AND BAFFLE WITH SECTIONAL RISER TO REQUIRED DEPTH.

REINFORCEMENT:
 GRADE 60 REINFORCED WITH STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.

ALUMINUM HATCH:
 300 PSF RATED, 1/4\"/>

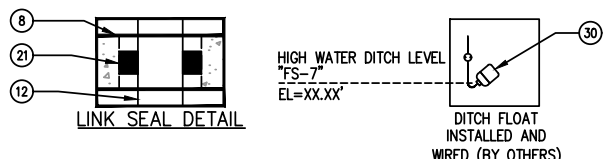
GALVANIZED STEEL HATCH:
 GALVANIZED, BOLT DOWN HATCHWAY. DOOR LEAF SHALL BE A 1/4\"/>

PUMPS:
 PUMPS SHALL BE VERTICAL AXIAL TYPE WITH TOP MOUNT MOTOR. PUMPS SHALL HAVE A CAPACITY AS FOLLOWS:

PUMP No.	TYPE	GPM	TDH	RPM	HP	ELECTRICAL V	FH	Hz
P-1	AXIAL	2688	18.1	1200	20	460	3	60
P-2	AXIAL	2688	18.1	1200	20	460	3	60
P-3	NON-CLOG	450	27	1750	7.5	460	3	60

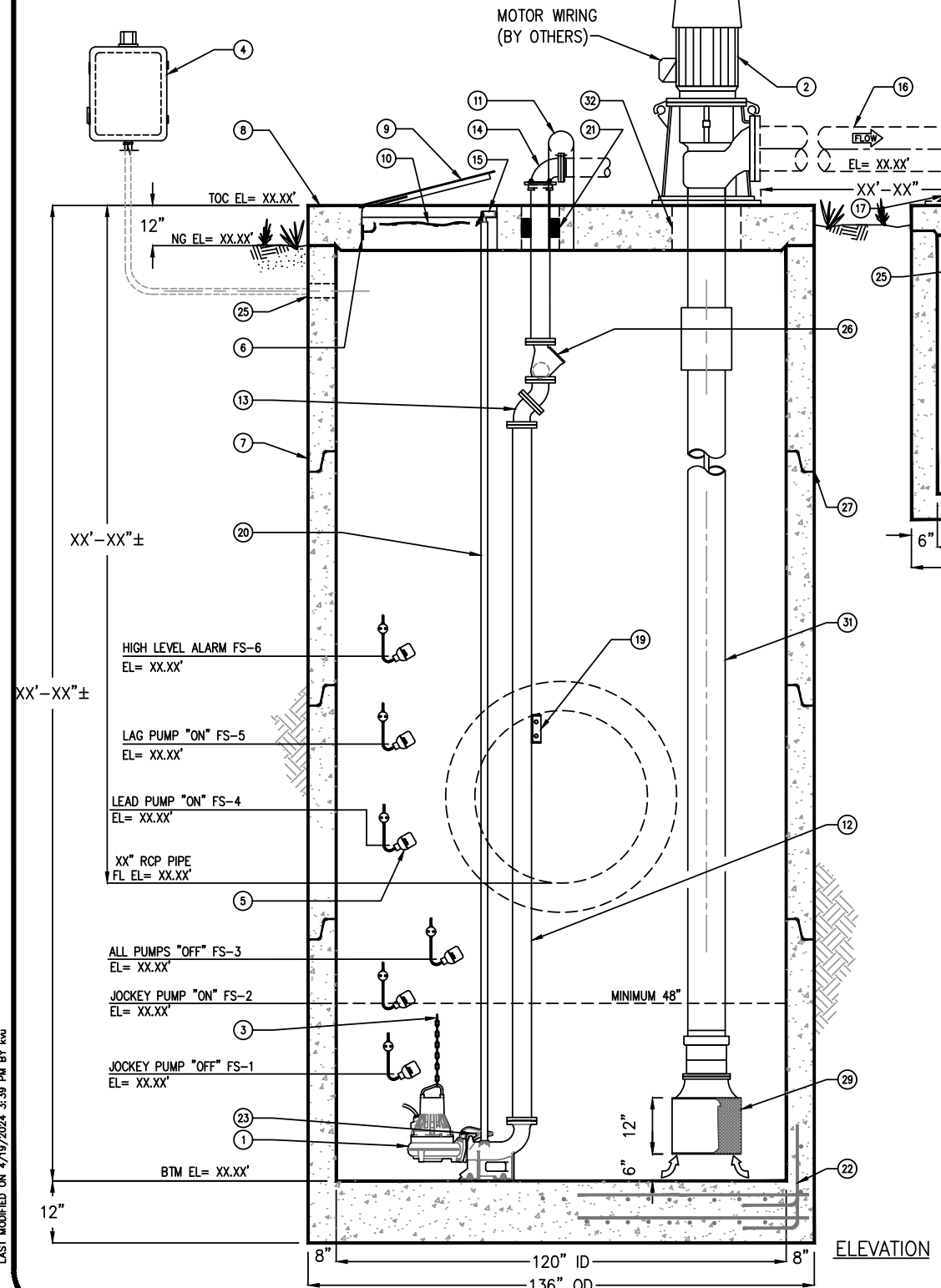
CONTROLS:
 PUMP CONTROLS SHALL BE MOUNTED INSIDE A UL LISTED NEMA-4X ENCLOSURE AND INCLUDE CIRCUIT BREAKERS, ALARM CIRCUIT FUSE, IEC RATED MOTOR STARTER, PUMP HOA, AND ALTERNATOR RELAY. PANEL SHALL HAVE A VISUAL ALARM BEACON. PANEL IS DESIGNED FOR REMOTE MOUNTING.

ENGINEERING DATA
 FIELD EXCAVATION AND PREPARATION SHALL BE COMPLETED PRIOR TO DELIVERY OF ASSEMBLY. USE DIMENSIONAL DATA AS SHOWN. ALL PIPE, VALVES AND FITTINGS OF THE ASSEMBLY ARE APPROVED BY ONE OF THE FOLLOWING ASSOCIATIONS:



MODEL NUMBER: PARKUSA
 888-611-PARK, WWW.PARKUSA.COM
 WW120-AXT10-2688-18.1-200-43

- WET WELL SIZE (ID)**
 60 - 60" DIA
 72 - 72" DIA
 120 - 120" DIA
 144 - 144" DIA
- PUMP CONFIGURATION**
 S - SIMPLEX
 D - DUPLEX
 T - TRIPLEX
- DISCHARGE SIZE**
 8 - 8"
 12 - 12"
 24 - 24"
 30 - 30"
- FLOW RATE CAPACITY (GPM)**
 765 - 765 GPM
 2000 - 2000 GPM
 ETC...
- POWER CHARACTERISTICS**
 43 - 460V/3PH/60Hz
 23 - 230V/3PH/60Hz
 21 - 230V/1PH/60Hz
- PUMP MOTOR SIZE**
 020 - 2.0 HP
 030 - 3.0 HP
 050 - 5.0 HP
 075 - 7.5 HP
 100 - 10.0 HP
 400 - 40.0 HP
 ETC...
- PUMP HEAD CAPACITY (TDH)**
 8 - 8' TOTAL DYNAMIC HEAD
 20 - 20' TOTAL DYNAMIC HEAD
 ETC...



REV	DATE	BY	DESCRIPTION
A			

PROJECT: .
 CUSTOMER: .
 ENGINEER: .
 ORDER #: . PROJ #: .
 DATE: . LOCATION: .

STORM WATER LIFT STATION
 TRIPLEX AXIAL FLOW PUMP SYSTEM

PM	PC	DRN	ENG	DWG. NO.	REV.
				WW120-AXT10/4	A

DATE 10/22

CREATED ON 4/19/2024 BY... LAST MODIFIED ON 4/19/2024 3:39 PM BY VU

PLOTTED ON 4/19/2024 3:39 PM BY VU, Kats. C:\Users\vu\Desktop\Files\replacement website\WW120-AXT10-4-with-DISCHARGE-STATION