

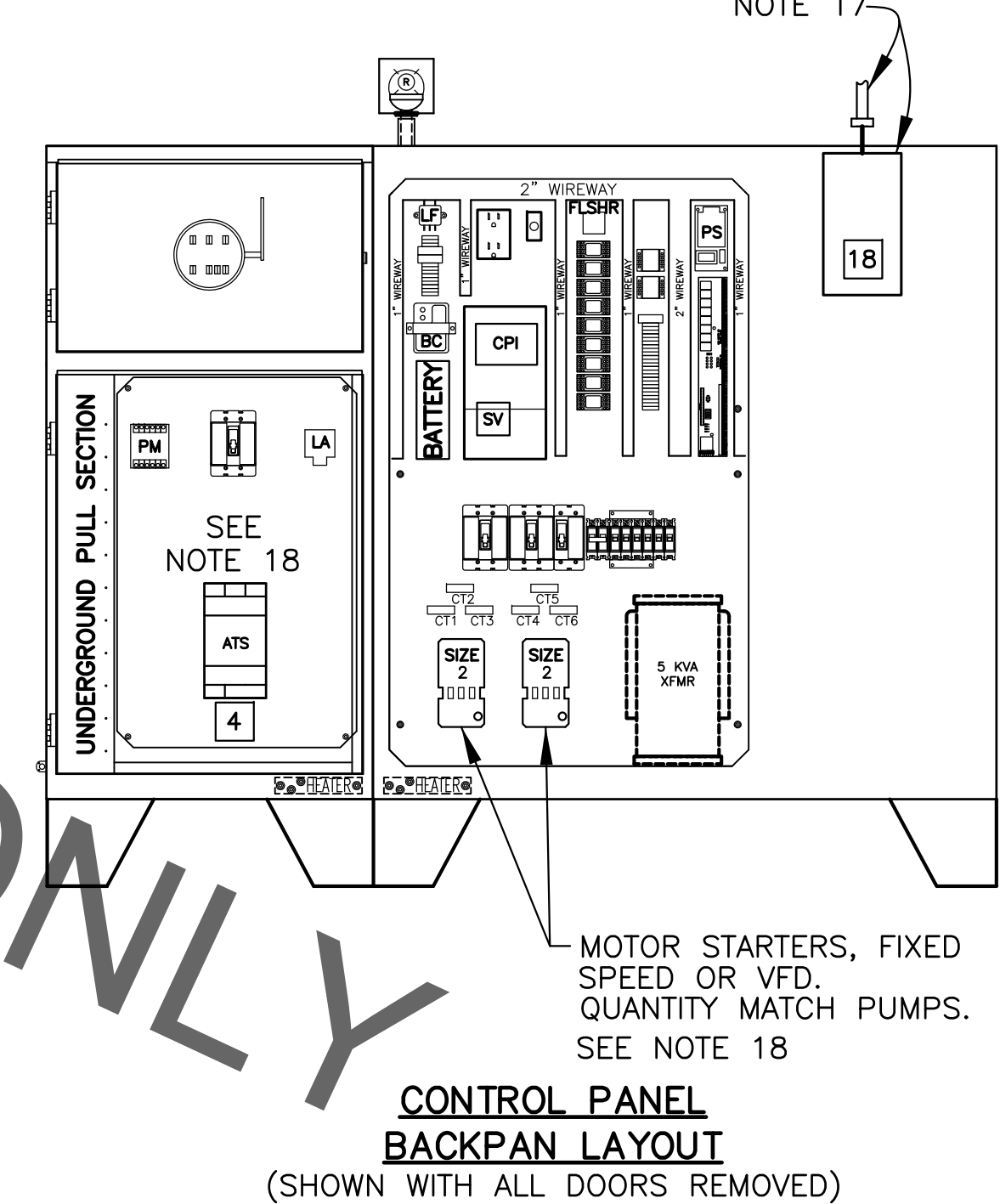
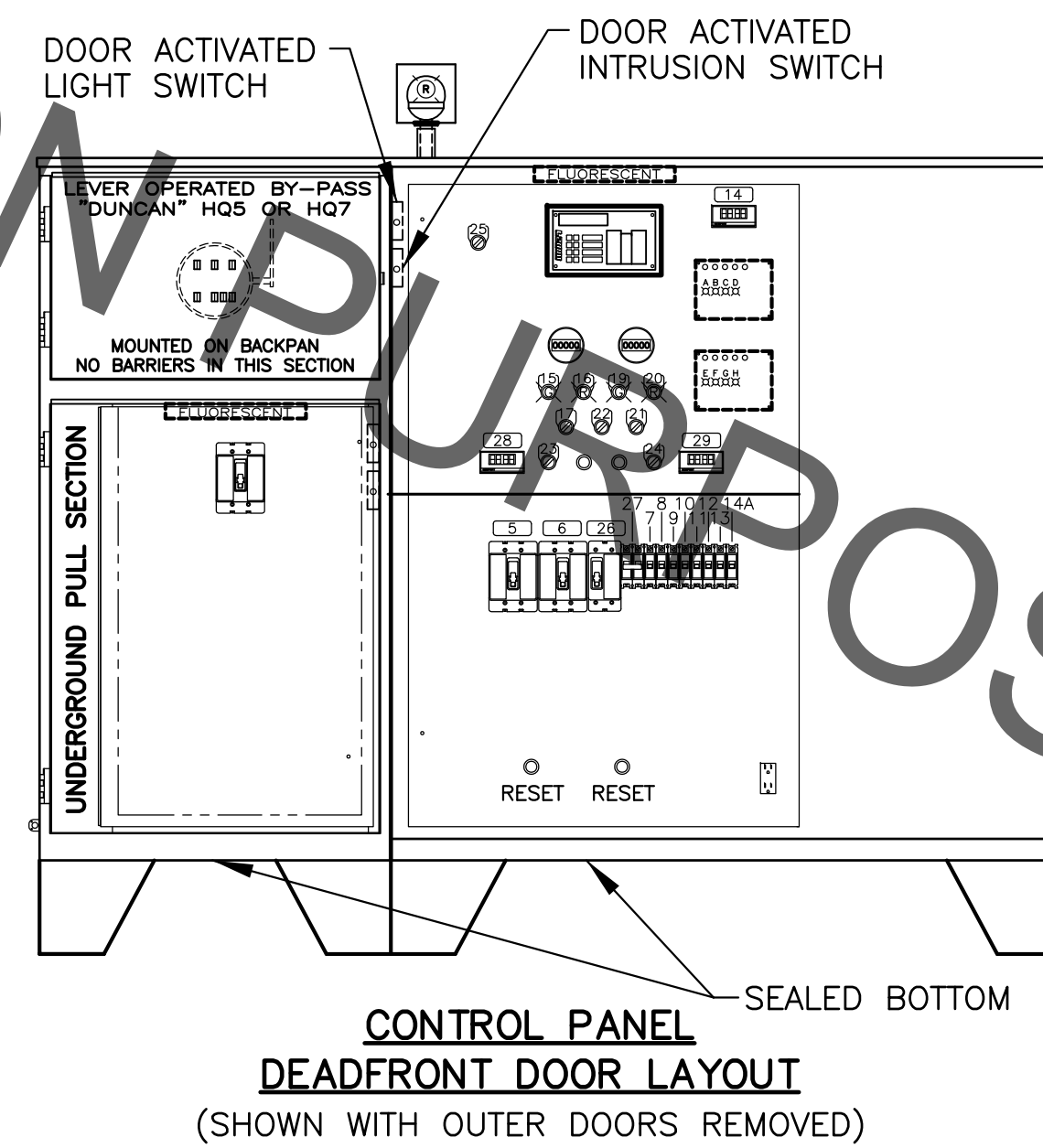
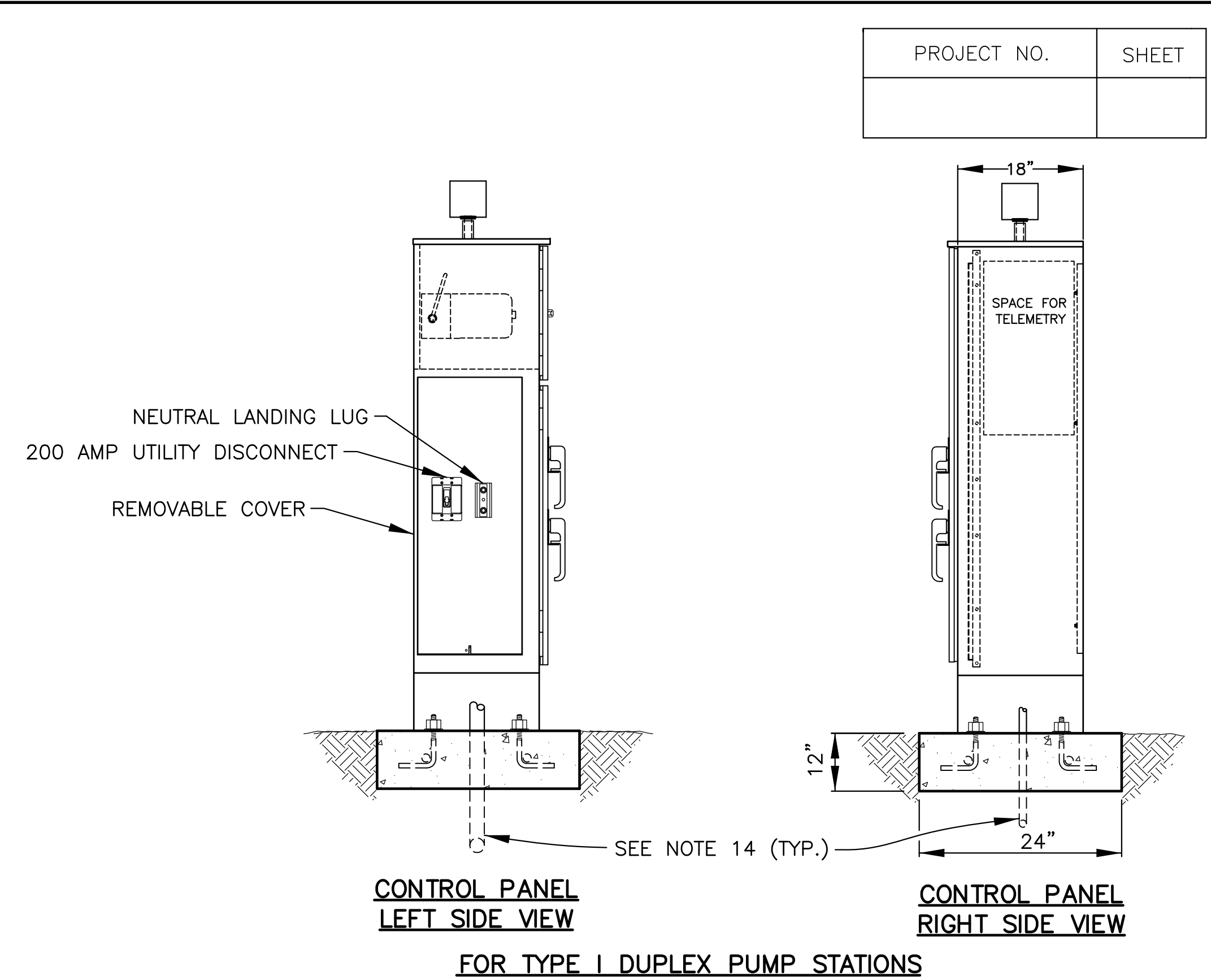
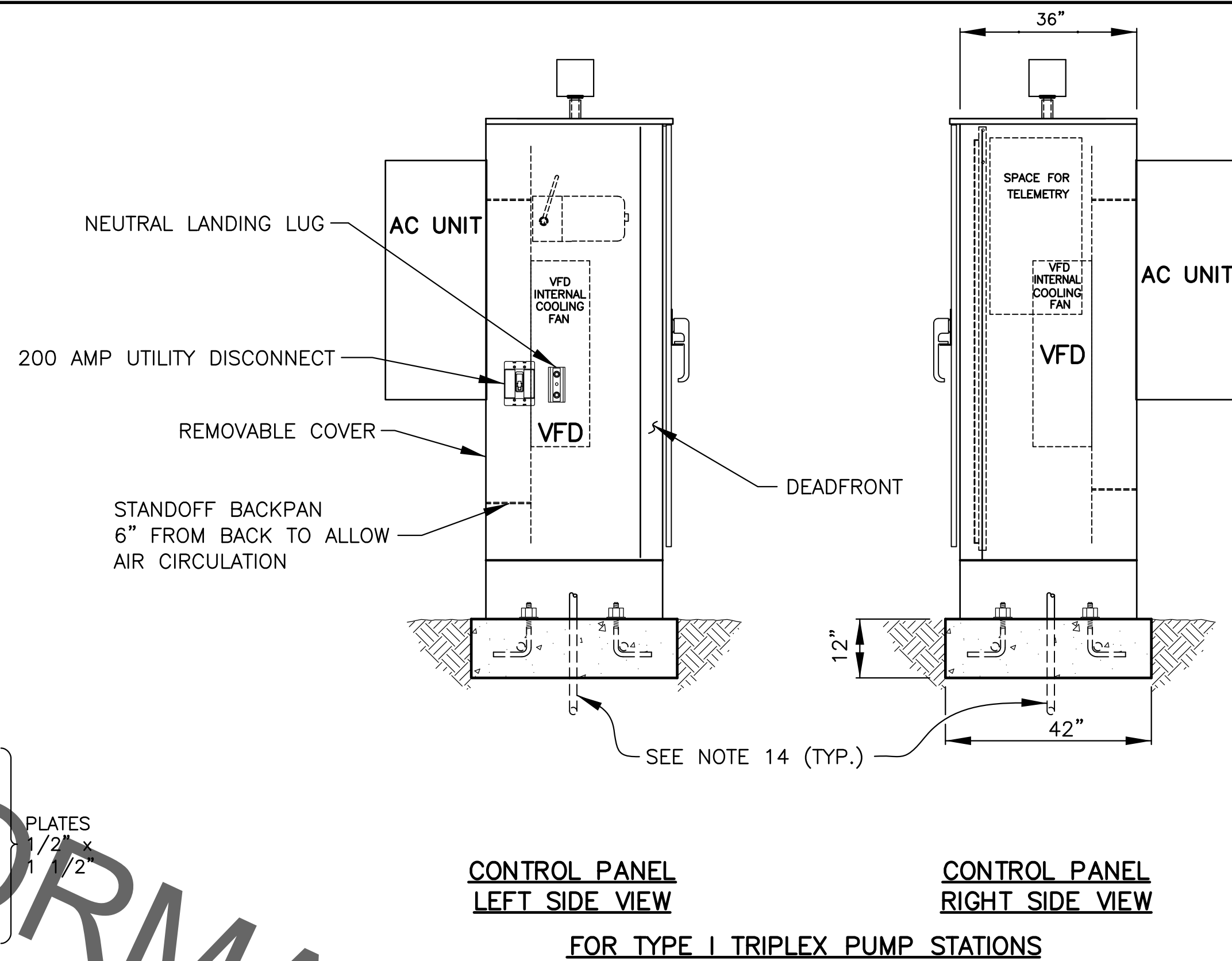
NAMEPLATE SCHEDULE			
TAG#	QTY	TYPE	INSCRIPTION
1	1	PLATE	PUMP STATION CONTROL PANEL
2	1	PLATE	PUMP STATION SERVICE PANEL
3	1	PLATE	MAIN DISCONNECT
4	1	PLATE	AUTOMATIC TRANSFER SWITCH
5	1	PLATE	PUMP No.1 DISCONNECT
6	1	PLATE	PUMP No.2 DISCONNECT *
7	1	PLATE	PLC
8	1	PLATE	LEVEL CONTROLS
9	1	PLATE	PUMP CONTROLS
10	1	PLATE	HEATERS, LIGHTS & RECEPTACLE
11	1	PLATE	AREA LIGHT
12	1	PLATE	GENERATOR CONTROLS
13	1	PLATE	GENERATOR JACKET WATER HEATER (2 POLE)
14	1	PLATE	GENERATOR BATTERY CHARGER
14a	1	PLATE	SPARE
15	1	RING	PUMP No.1 RUNNING
16	1	RING	PUMP No.1 FAILURE

NAMEPLATE SCHEDULE			
TAG#	QTY	TYPE	INSCRIPTION
17	1	RING	PUMP No.1 HAND OFF AUTO
18	1	RING	FUTURE CELLULAR RADIO MODEM
19	1	RING	PUMP No.2 RUNNING *
20	1	RING	PUMP No.2 FAILURE *
21	1	RING	PUMP No.2 HAND OFF AUTO *
22	1	RING	HIGH LEVEL OF COMBUSTIBLE GAS
23	1	RING	PUMP No.1 AMPS Aφ Bφ Cφ
24	1	RING	PUMP No.2 AMPS Aφ Bφ Cφ *
25	1	RING	AREA LIGHT HAND OFF AUTO
26	1	PLATE	TRANSFORMER PRIMARY DISCONNECT
27	1	PLATE	TRANSFORMER SECONDARY DISCONNECT
28	1	PLATE	PUMP No.1 AMPS
29	1	PLATE	PUMP No.2 AMPS
A	1	PLATE	HIGH LEVEL FLOAT
B	1	PLATE	LOW LEVEL FLOAT
E	1	PLATE	PUMP No. 1 MOISTURE
F	1	PLATE	PUMP No. 2 MOISTURE *

\* SIMILAR INSCRIPTIONS FOR ADDITIONAL PUMPS.

**GENERAL CONSTRUCTION NOTES**

- ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- THE CONDUIT SYSTEM, ALL ELECTRICAL EQUIPMENT, ALL STEEL STRUCTURES, MOTOR FRAMES, ETC. SHALL BE CONNECTED TO THE GROUNDING SYSTEM PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL EQUIPMENT LOCATIONS SHALL BE VERIFIED IN THE FIELD WITH MECHANICAL TRADES. CONDUIT ROUTING AND EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. THE EXACT LOCATION OF ALL EQUIPMENT AND ROUTING OF CABLES AND CONDUITS SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE DURING CONSTRUCTION.
- LOCATIONS OF SERVICE POLE, CONDUITS, BOXES, FITTINGS, ETC., ARE DIAGRAMMATIC. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO VERIFY ALL SIZES, LOCATIONS, REVIEW ALL MECHANICAL SHOP DRAWINGS AND COORDINATE WITH THE MECHANICAL CONTRACTOR, POWER COMPANY, OWNER AND ENGINEER TO INSURE THE TIMELY DELIVERY AND PROPER INSTALLATION OF ALL ELECTRICAL EQUIPMENT, (I.E. CONTROL PANELS, SERVICE POLE, AREA LIGHTING, ETC.)
- BEFORE INSTALLATION, THE ELECTRICAL CONTRACTOR SHALL SUBMIT DETAILED LAYOUT DRAWINGS TO THE ENGINEER FOR REVIEW COVERING PROPOSED LOCATIONS, MOUNTING, AND ROUTING FOR ALL CONDUITS, SERVICES, FITTINGS, GROUND RODS, AREA LIGHTING, CONTROL PANELS, SUPPORTS, ETC. LONG RADIUS 90° BENDS SHALL BE USED AND THE NUMBER OF BENDS SHALL BE MINIMIZED.
- SURGE PROTECTION AND PHASE FAILURE PROTECTION SHALL BE PROVIDED FOR THE MAIN POWER FEED AND ALL SUBCOMPONENTS.
- CONTROL PANEL ENCLOSURE TO BE NEMA 4X CONSTRUCTION. JUNCTION BOXES, RECEPTACLES AND ALL OTHER ELECTRICAL EQUIPMENT USED OUTDOORS SHALL BE OF NEMA 4X CONSTRUCTION.
- MINIMUM CONDUIT SIZE IS 3/4".
- ALL CONDUITS LEAVING THE WET WELL SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 501 OF THE NATIONAL ELECTRICAL CODE FOR CLASS 1 DIVISION 1 LOCATIONS.
- THE PHASE CONDUCTOR WITH THE HIGHER VOLTAGE TO GROUND SHALL BE IDENTIFIED WITH AN OUTER FINISH THAT IS ORANGE PER ARTICLE 110.15 OF THE NATIONAL ELECTRIC CODE.
- THE CONTRACTOR SHALL TEST AND DOCUMENT THE GROUND RESISTANCE OF THE SYSTEM. ALL TEST EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. DRY SEASON RESISTANCE OF THE SYSTEM SHALL NOT EXCEED FIVE OHMS.
- 600 VOLT WIRE AND CABLE SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC CO., GENERAL CABLE CORP., HATFIELD WIRE AND CABLE CO., PIRELLI CABLE CORP., OR APPROVED EQUAL.
- ALL CABLES AND LEADS SHALL BE TESTED FOR CONTINUITY AND POWER LEADS FOR SERVICE ABOVE 125 VOLTS SHALL BE GIVEN A MEGGER TEST.
- PVC COATED RIGID STEEL CONDUIT SHALL BE IN ACCORDANCE WITH SECTION 805.
- CONDUIT SIZE ON PUMP LEADS TO BE DETERMINED BY MOTOR LEAD SIZE. ALL MOTORS OVER 15HP SHALL BE 480 VAC.
- SIZE OF MAIN SERVICE, CONDUCTORS, AUTOMATIC TRANSFER SWITCH, MOTOR STARTERS, MOTOR CIRCUIT BREAKER (MCB) AND CIRCUIT BREAKERS ARE TO BE DETERMINED BY HORSEPOWER ON PUMP SELECTION.
- LEAVE 12"x 12" SPACE FOR FUTURE INSTALLATION OF RADIO MODEM AND ANTENNA.
- THE CONTROL PANEL SHOWN IS TYPICAL OF 200 AMP SERVICE AND AUTOMATIC TRANSFER SWITCH, ON A DUPLEX PUMP STATION. THE SIZE AND NUMBER OF ENCLOSURE SECTIONS MAY VARY BASED ON THE SIZE AND NUMBER OF PUMPS, SERVICE AMPERAGE AND AUTOMATIC TRANSFER SWITCH RATING. CONTROL PANELS WITH VFDs SHALL INCLUDE AIR CONDITIONING TO REMOVE HEAT PRODUCED BY VFDs. AIR CONDITIONER NOT SHOWN ON DRAWING.



MANUFACTURER'S NAME		MANUFACTURER'S NAME		
PHONE # (000) 000-0000		PHONE # (000) 000-0000		
LOCATION ADDRESS		LOCATION ADDRESS		
# T-000000		# T-000000		
# 00-000		# 00-000		
INDUSTRIAL CONTROL PANEL				
VOLTAGE	PHASE	WIRES	MAINS AMPERES	HZ
230 V OR 480 V	3	4	200	60
SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN:				
AMPERES		AT		VOLTAGE
14,000		RMS SYM.		230 V
METER SOCKET RATING 200 A. CONT.				
ENCLOSURE: TYPE 4X NOTE 17				

NAME PLATE EXAMPLE



DATE	DESCRIPTION	BY

STANDARD PLAN NO. 805-07	DATED AUGUST 1, 2011	SHEET NO. 1 OF 2
<b>PEDESTAL MOUNT CONTROL PANEL DETAILS (TYPE I STATION)</b>		
ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE		
DESIGNED A. SCHULZE	DRAWN G. VANNICE	CHECKED R. WRIGHT
APPROVED B. HARMON		