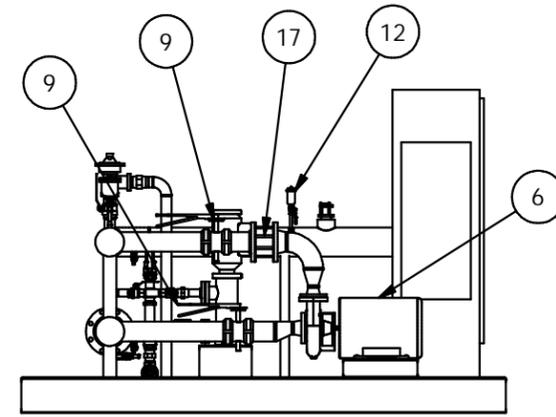
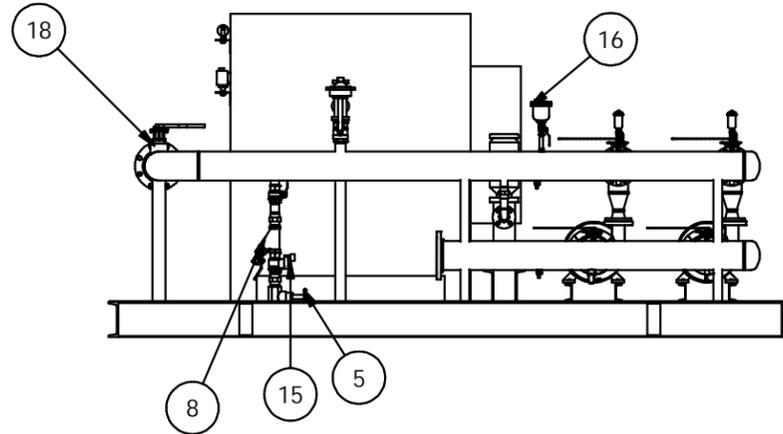
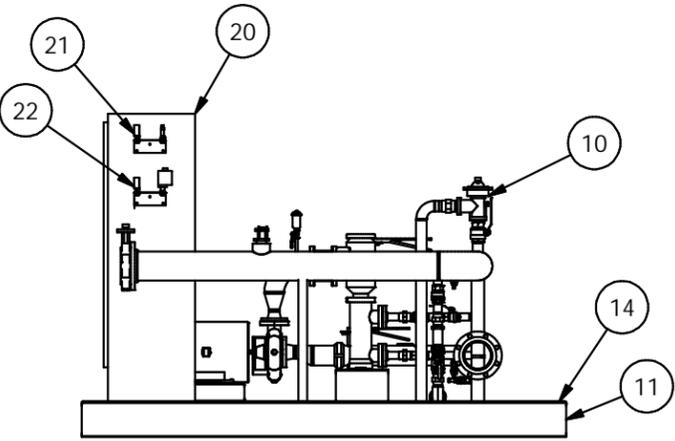
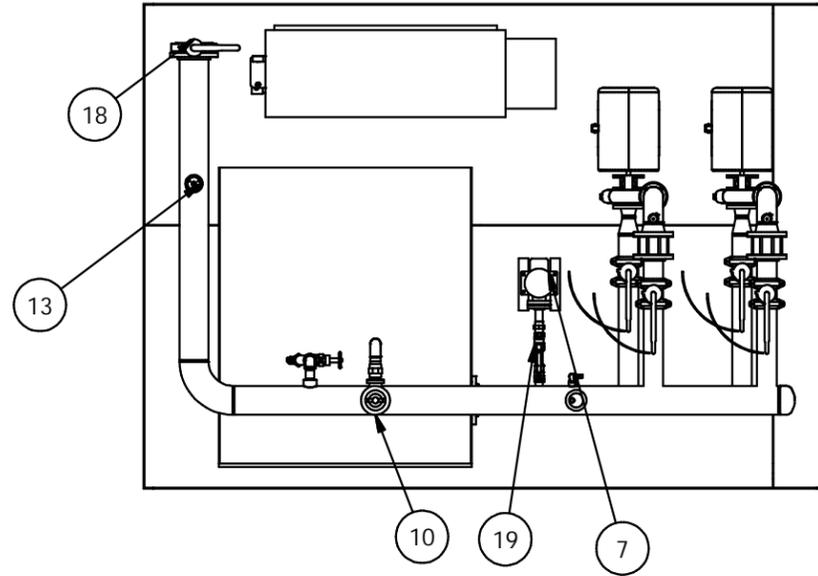
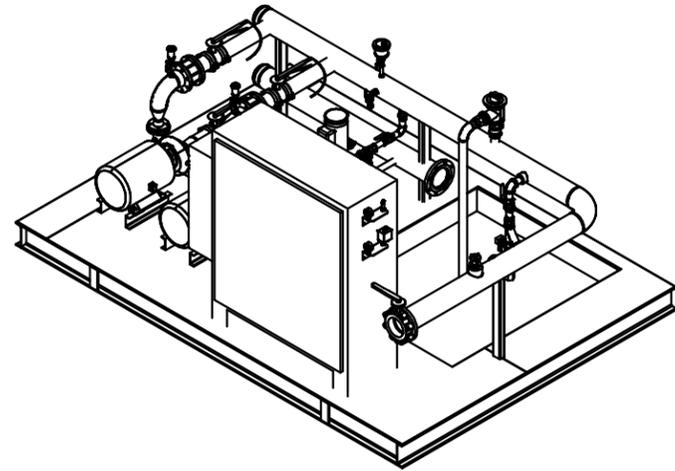


Example Pump Station Layouts
Not Project Specific

NOTE: BUILDING NOT SHOWN FOR CLARITY.



PARTS LIST		
ITEM	DESCRIPTION	PART #
1	12" EXHAUST FAN	11360
2	12" VENT LOUVER	11361
3	3"X36"X80" DOOR ASSEMBLY, SINGLE, RH	12904
4	DOOR ASSEMBLY, DOUBLE, 64"	N/A
5	1.5" GLOBE VALVE, BRONZE, TXT	12572
6	30 HP HORIZONTAL END SUCTION PUMP	12994
7	3HP VERTICAL MULTI-STAGE PUMP	13006
8	1-1/2" WYE STRAINER	7425
9	4" GROOVED BUTTERFLY VALVE	7904
10	2" PRESSURE RELIEF VALVE, ANGLE	7915
11	CHANNEL, C8X11.5 X 111", CXC	7963
12	1/4" AIR RELEASE VALVE	8443
13	FLOWMETER, PADDLEWHEEL	8753
14	3/16" DIAMOND PLATE STEEL C	8926
15	1-1/2" SOLENOID VALVE	9110
16	1/2" AIR RELEASE VALVE	9114
17	4" SILENT CHECK VALVE	9140
18	6" LUG STYLE BUTTERFLY VALVE	9546
19	1-1/4" NPT CHECK VALVE	9699
20	CONTROL PANEL, 60" H X 55" W X 20" D, AC, 6" FEET	N/A
21	PRESSURE ASSEMBLY, 2.5" GAUGE - 0-200PSI, 1% TRANSDUCER	N/A
22	PRESSURE ASSEMBLY, 2.5" GAUGE, 30HG-60PSI, SWITCH	N/A

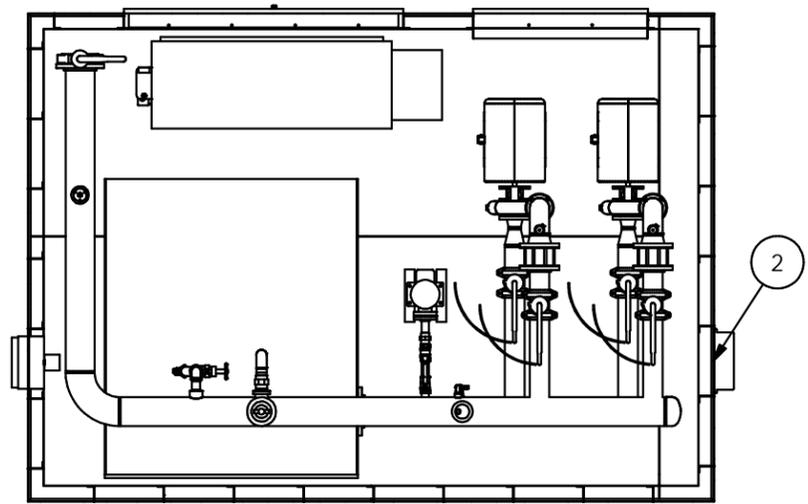
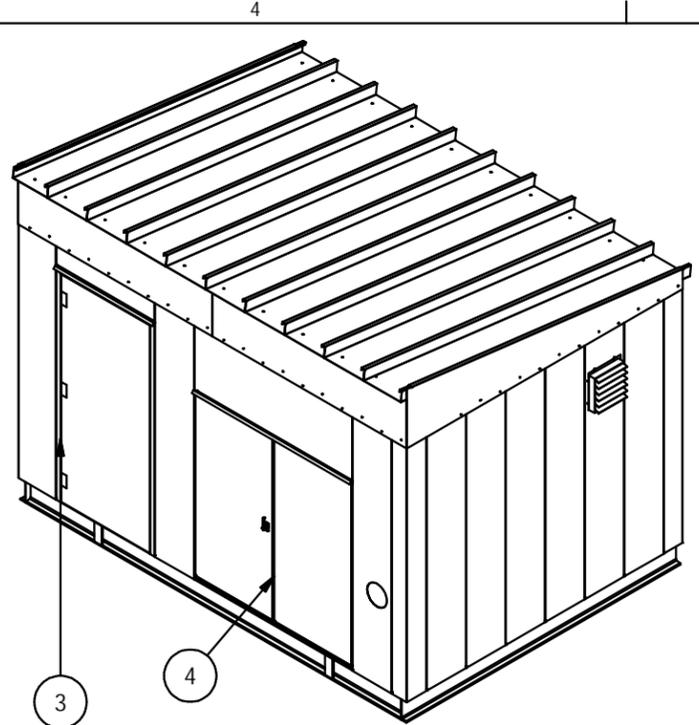
DESIGN POINT:
500 GPM @ 110 PSI

WEIGHT:
APPROXIMATE DRY WEIGHT (INCLUDING PUMPS): 8250 LBS
APPROXIMATE WET WEIGHT (INCLUDING PUMPS): 8700 LBS

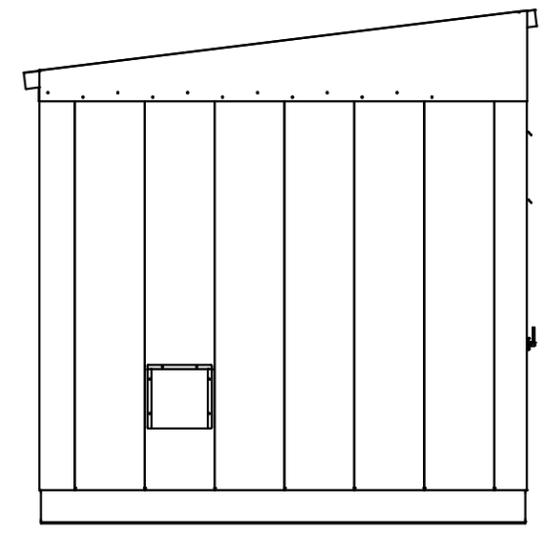
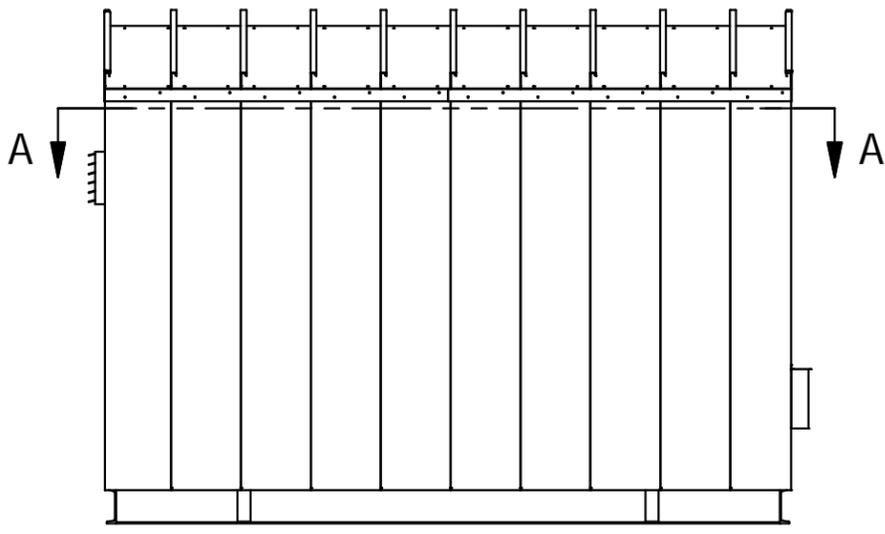
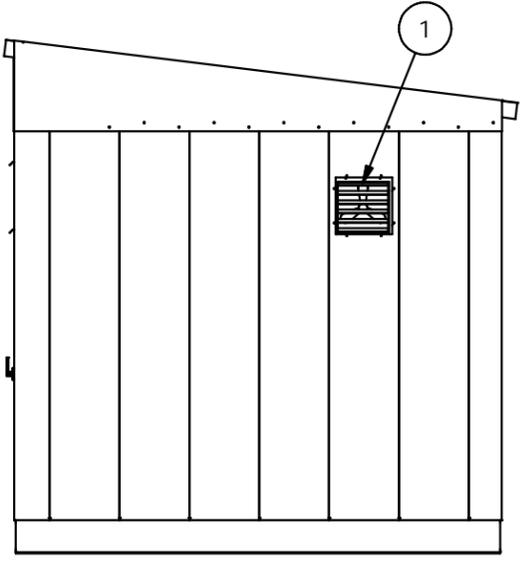
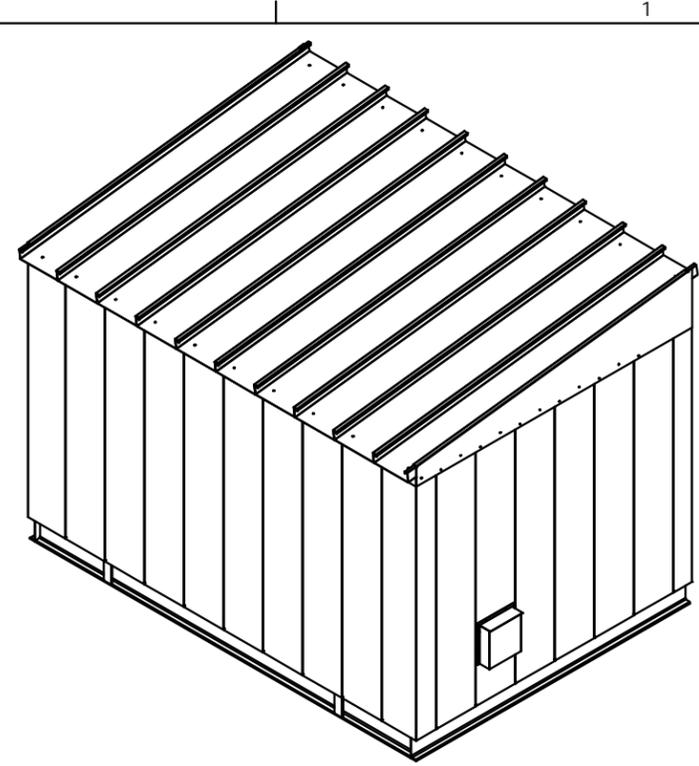
REVISION HISTORY			
REV	DESCRIPTION	DATE	AUTHOR
1	ADDED BUILDING, REMOVED VALVES	5/20/2008	JSMITH
2	RELEASE TO PRODUCTION, LIAF RE-ORIENTED	6/4/2008	JSMITH
3	AS BUILT	6/18/2008	JSMITH

DRAWN JSMITH	DATE 6/18/2008		METRON INC 1505 WEST 3RD AVE DENVER, CO 80223 PH: 303.592.1903	
CHECKED	DATE		TITLE HES-VFD-30/30/3-500/100	
MATERIAL		TOLERANCES UNLESS OTHERWISE NOTED:		
PART# N/A		UP TO 8" PIPE	+/- 1/4"	SIZE
		10" THRU 14" PIPE	+/- 3/8"	DWG NO HES_2X_500-385501-3
		OVER 14" PIPE	+/- 1/2"	REV 3
		SCALE		PROJECT NAME NAPLES MEMORIAL PARK, FL
				SHEET 1 OF 5

Example Pump Station Layouts
Not Project Specific

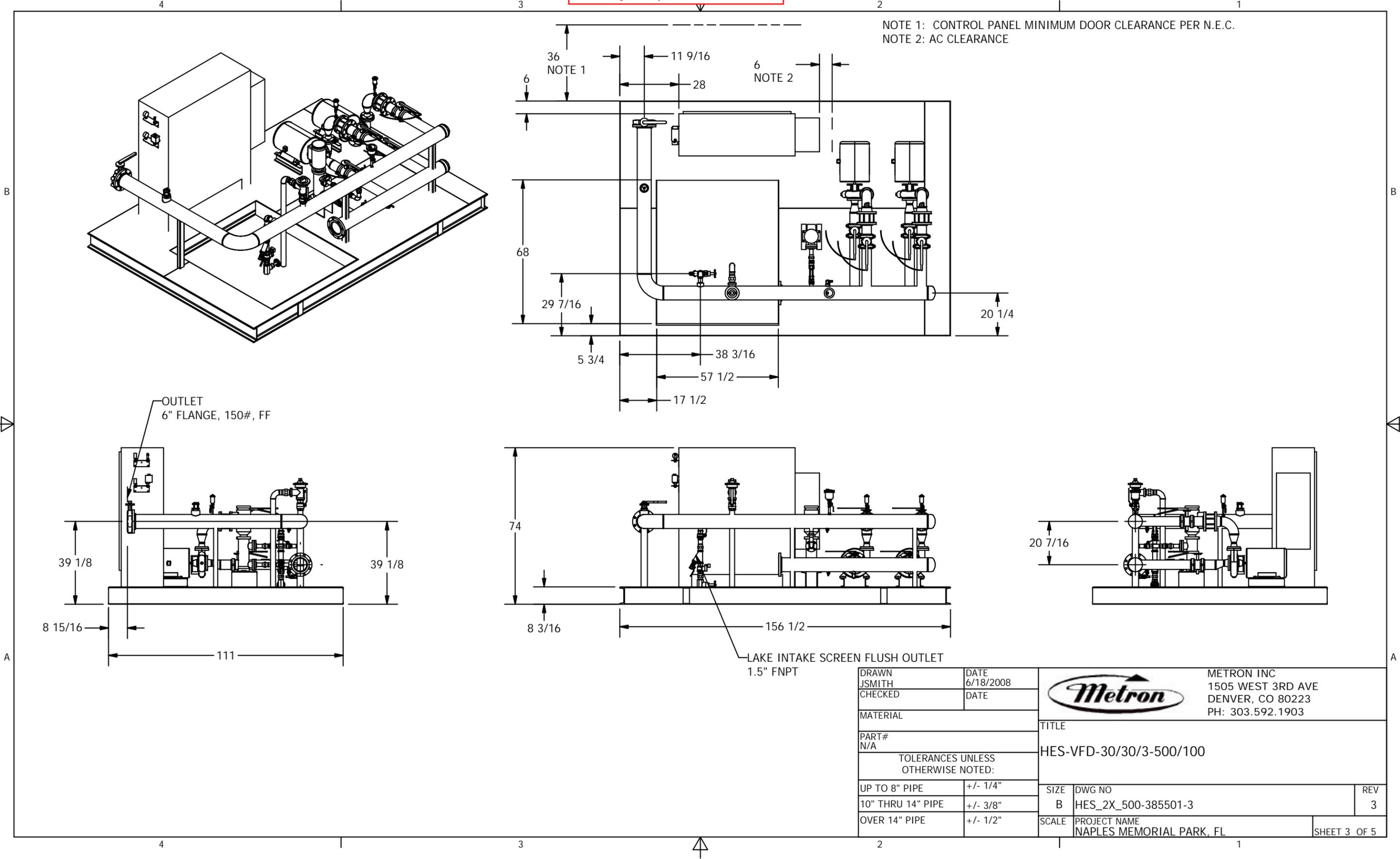


SECTION A-A



DRAWN JSMITH CHECKED	DATE 6/18/2008 DATE	 METRON INC 1505 WEST 3RD AVE DENVER, CO 80223 PH: 303.592.1903
MATERIAL		
PART# N/A		TITLE HES-VFD-30/30/3-500/100
TOLERANCES UNLESS OTHERWISE NOTED:		SIZE B
UP TO 8" PIPE	+/- 1/4"	DWG NO HES_2X_500-385501-3
10" THRU 14" PIPE	+/- 3/8"	PROJECT NAME NAPLES MEMORIAL PARK, FL
OVER 14" PIPE	+/- 1/2"	SCALE SHEET 2 OF 5
		REV 3

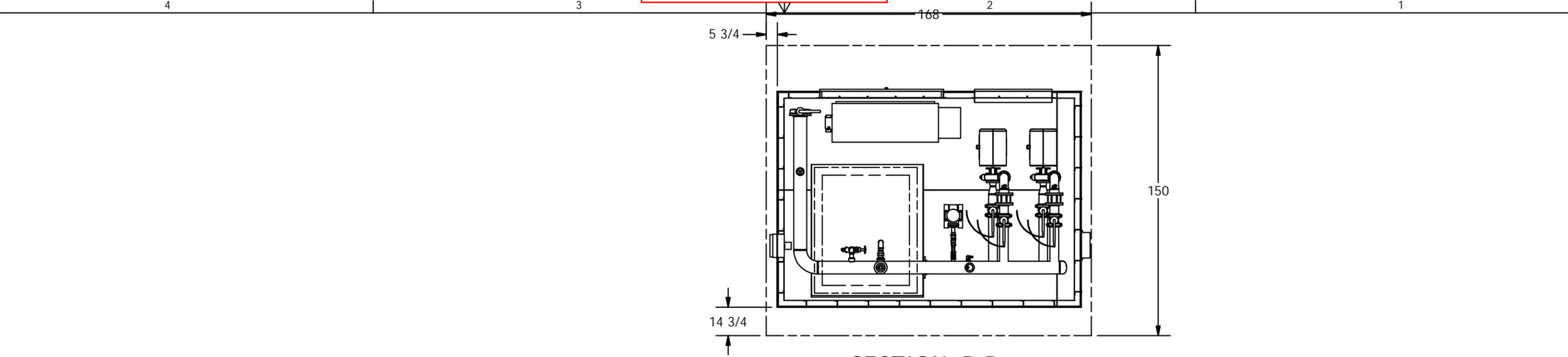
Example Pump Station Layouts
Not Project Specific



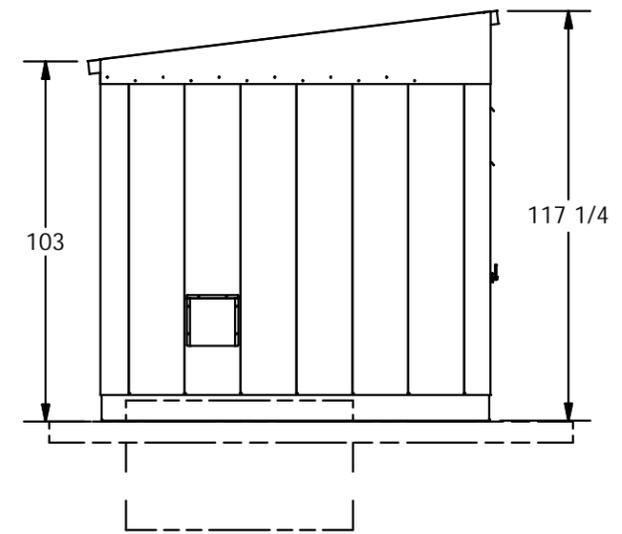
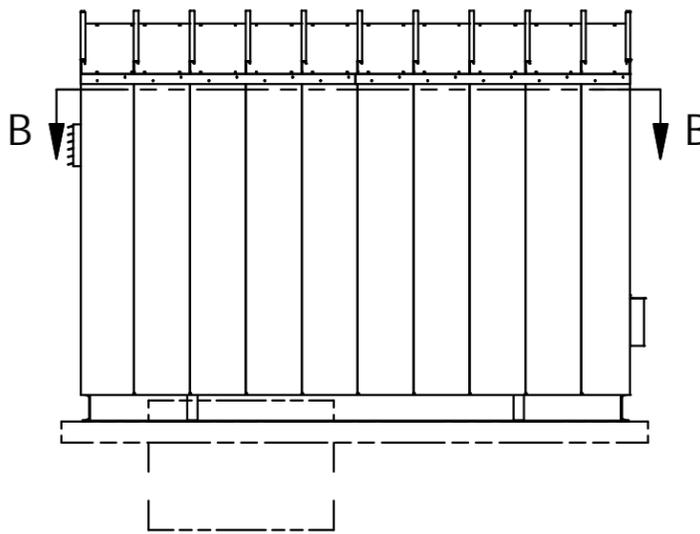
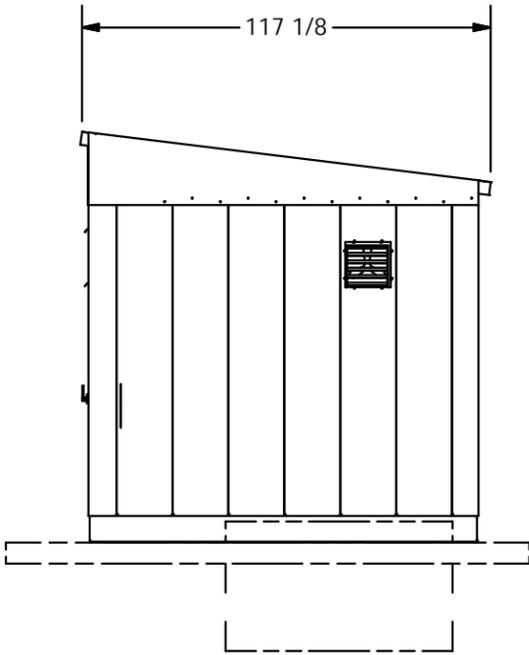
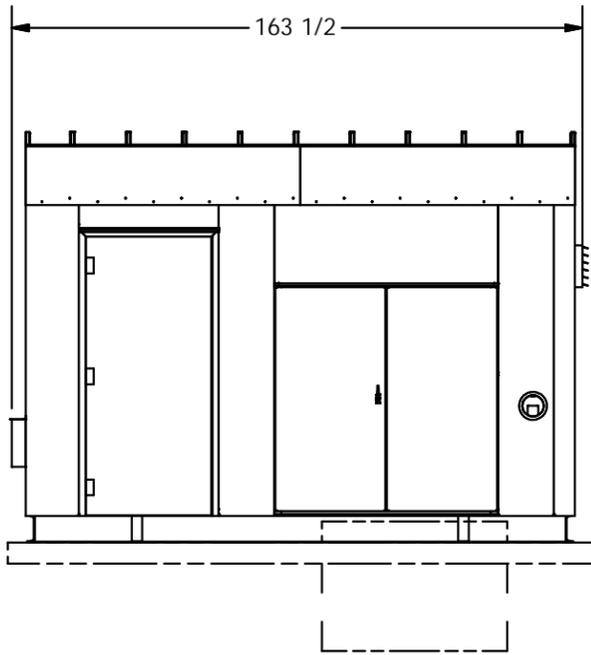
DRAWN JSMITH	DATE 6/18/2008
CHECKED	DATE
MATERIAL	
PART# N/A	
TOLERANCES UNLESS OTHERWISE NOTED:	
UP TO 8" PIPE	+/- 1/4"
10" THRU 14" PIPE	+/- 3/8"
OVER 14" PIPE	+/- 1/2"

		METRON INC 1505 WEST 3RD AVE DENVER, CO 80223 PH: 303.592.1903	
		TITLE HES-VFD-30/30/3-500/100	
SIZE B	DWG NO HES_2X_500-385501-3	REV 3	
SCALE	PROJECT NAME NAPLES MEMORIAL PARK, FL	SHEET 3 OF 5	

Example Pump Station Layouts
Not Project Specific



SECTION B-B



DRAWN JSMITH	DATE 6/18/2008		METRON INC 1505 WEST 3RD AVE DENVER, CO 80223 PH: 303.592.1903	
CHECKED	DATE		TITLE HES-VFD-30/30/3-500/100	
MATERIAL		SIZE		
PART# N/A		DWG NO HES_2X_500-385501-3		REV 3
TOLERANCES UNLESS OTHERWISE NOTED:		SCALE		
UP TO 8" PIPE	+/- 1/4"	PROJECT NAME NAPLES MEMORIAL PARK, FL		SHEET 4 OF 5
10" THRU 14" PIPE	+/- 3/8"			
OVER 14" PIPE	+/- 1/2"			

Example Pump Station Layouts
Not Project Specific

GENERAL

ILLUSTRATIONS OF SLAB AND PUMP HOUSE ARE NOT INTENDED AS A SUBSTITUTE FOR CONSTRUCTION DRAWINGS PROVIDED BY OTHERS.

PUMP HOUSE SLAB SHOULD BE BUILT TO LOCAL STANDARDS. METRON IS NOT RESPONSIBLE FOR ANY PUMP ROOM COMPONENTS OTHER THAN WHAT IS INCLUDED ON THE PUMP SKID DRAWINGS.

SKID TO BE FIELD LEVELED AND ANCHORED, BY CUSTOMER, TO CONCRETE PAD USING CONCRETE ANCHOR BOLTS (BY OTHERS).

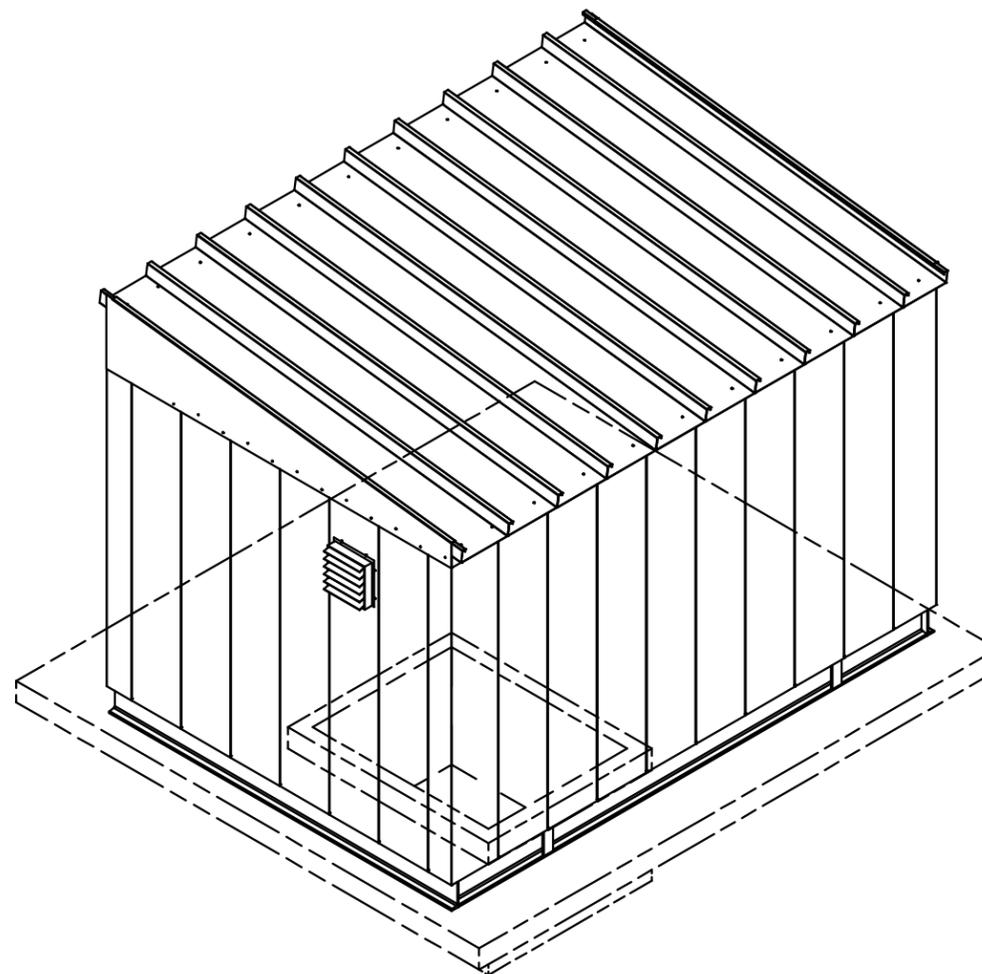
METRON IS NOT RESPONSIBLE FOR OFF LOADING INSTALLATION OR POSITIONING OF SKID, BUT IS AVAILABLE FOR OVERSIGHT. CRANE AND SPREADER BARS TO BE USED IN CONJUCTION FOR OFF LOADING THE SKID AT JOB SITE. METRON IS NOT RESPONSIBLE FOR DAMAGE INCURRED DURING THE OFF LOADING PROCESS. LIFT SKID WITH EXTREME CAUTION AND CARE.

QTY (2) 3/4" BALL VALVES PROVIDED IN PIPING AS DRAINS AND FOR WATER HOSE CONNECTION AND WINTERIZATION. METRON IS NOT RESPONSIBLE FOR THE WINTERIZATION OF THE PUMPING STATION.

METRON STRONGLY RECOMMENDS AN ISOLATION VALVE IN THE PIPING WHICH FEEDS WATER TO THE WET WELL FROM THE LAKE.

ADEQUATE FLEXIBILITY TO THE LOCATIONS WHERE PIPING WILL PENETRATE THE PUMP HOUSE WALL SHOULD BE CONSIDERED. CONNECTION PIPING TO THE PUMP STATION SHOULD BE INSTALLED AFTER THE PUMP STATION IS INSTALLED.

SYSTEM IS HYDROSTATICALLY TESTED TO MIN. OF 150% OF SYSTEM PRESSURE AT FACTORY.



DRAWN JSMITH	DATE 6/18/2008		METRON INC 1505 WEST 3RD AVE DENVER, CO 80223 PH: 303.592.1903	
CHECKED	DATE			
MATERIAL		TITLE		
PART# N/A		HES-VFD-30/30/3-500/100		
TOLERANCES UNLESS OTHERWISE NOTED:		SIZE	DWG NO	REV
UP TO 8" PIPE	+/- 1/4"	B	HES_2X_500-385501-3	3
10" THRU 14" PIPE	+/- 3/8"	SCALE	PROJECT NAME	
OVER 14" PIPE	+/- 1/2"		NAPLES MEMORIAL PARK, FL	SHEET 5 OF 5