

PRESSURE ELEMENT SCHEDULE

MARK	LOCATION	STATUS	INDICATOR	TRANSMITTER	TYPE				RANGE (PSI)	SPECIFICATION SECTION
					PS-LOW	PS-HIGH	ISOLATION RING	DIAPHRAGM		
PE-1	PUMP ROOM	NEW	4"	X	X	X	8"		0-100	43 21 31
PE-2	PUMP ROOM	NEW	4"	X	X	X	6"		0-100	43 21 31
PE-3	PUMP ROOM	NEW	4"	X	X	X	6"		0-100	43 21 31
PE-4	PUMP ROOM	NEW	4"	X	X	X	10"		0-100	43 21 31
PE-5	PUMP ROOM	NEW	4"	X	X	X	8"		0-100	43 21 31
PE-6	PUMP ROOM	NEW	4"	X	X	X	6"		0-100	43 21 31

PUMP SCHEDULE

MARK	LOCATION	STATUS	TYPE	MINIMUM CAPACITY			MAX. PUMP RPM	MINIMUM SIZE CONNECTION		MOTOR				SPECIFICATION SECTION
				GPM	FT. HEAD	EFFICIENCY		SUCTION	DISCHARGE	HP	RPM	SPEED	ELECTRICAL	
P-1	PUMP ROOM	NEW	HORIZONTAL SPLIT CASE	2000	86	85%	1770	10"	8"	60	1800	VARIABLE	460/60/3	43 21 17
P-2	PUMP ROOM	NEW	HORIZONTAL SPLIT CASE	1200	86	84%	1770	8"	6"	60	1800	VARIABLE	460/60/3	43 21 17
P-3	PUMP ROOM	NEW	HORIZONTAL SPLIT CASE	500	86	80%	1770	6"	5"	20	1800	VARIABLE	460/60/3	43 21 17

BUTTERFLY VALVE SCHEDULE

MARK	LOCATION	STATUS	SIZE	FITTINGS	OPERATOR	SPECIFICATION SECTION
BV-1	PUMP ROOM	NEW	10"	FLANGE	GEARED OPERATOR W/HANDWHEEL	33 12 16
BV-2	PUMP ROOM	NEW	12"	FLANGE	GEARED OPERATOR W/HANDWHEEL	33 12 16
BV-3	PUMP ROOM	NEW	8"	FLANGE	GEARED OPERATOR W/HANDWHEEL	33 12 16
BV-4	PUMP ROOM	NEW	10"	FLANGE	GEARED OPERATOR W/HANDWHEEL	33 12 16
BV-5	PUMP ROOM	NEW	6"	FLANGE	LEVER	33 12 16
BV-6	PUMP ROOM	NEW	6"	FLANGE	LEVER	33 12 16
BV-7	PUMP ROOM	NEW	4"	FLANGE	LEVER	33 12 16
BV-8	PUMP ROOM	NEW	4"	FLANGE	LEVER	33 12 16

PRESSURE RELIEF VALVE SCHEDULE

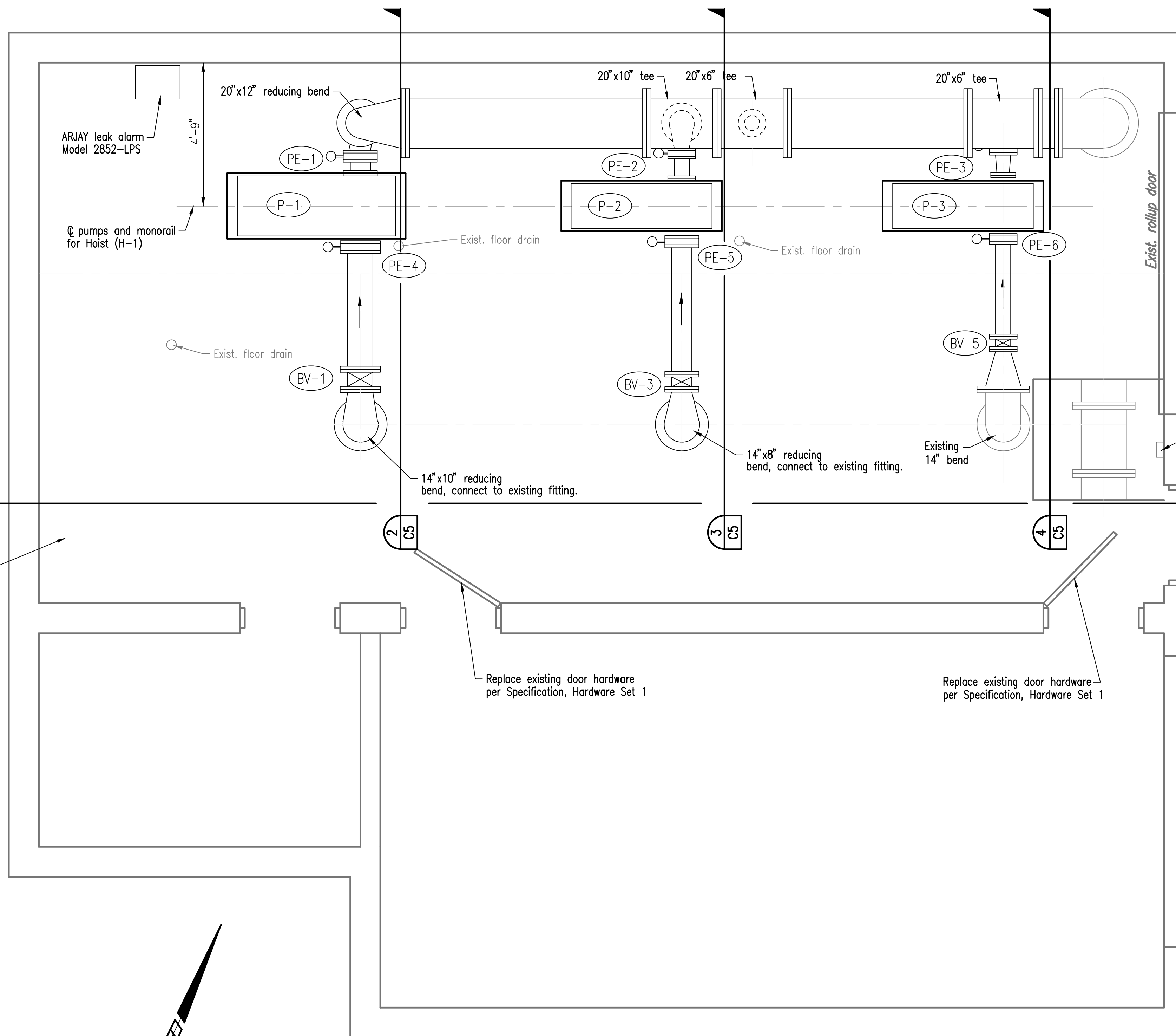
MARK	LOCATION	STATUS	SIZE	FITTINGS	SPECIFICATION SECTION
PRV-1	PUMP ROOM	NEW	4"	FLANGE	33 12 16

CHECK VALVE SCHEDULE

MARK	LOCATION	STATUS	SIZE	JOINT	OPERATOR	ACCESSORIES	SPECIFICATION SECTION
CV-1	PUMP ROOM	NEW	12"	FLANGE	LEVER	LEVER	33 12 16
CV-2	PUMP ROOM	NEW	10"	FLANGE	LEVER	LEVER	33 12 16
CV-3	PUMP ROOM	NEW	6"	FLANGE	LEVER	LEVER	33 12 16

MOTOR TROLLEY AND HOIST SCHEDULE

MARK	LOCATION	STATUS	CAPACITY (TON)	MIN. LIFT HT. (FT.)	LIFT SPEED (FT./MIN.)	MAX. HOIST HP	MAX. TROLLEY HP	ELECTRICAL	SPECIFICATION SECTION
H-1	PUMP ROOM	NEW	0.5	12	10	1	N/A	460/60/3	11 40 00



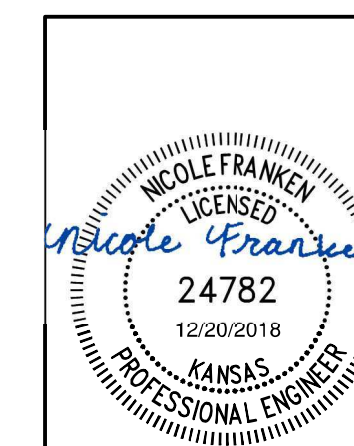
Relocate existing chlorine analyzer (CA-1)
Route new drain pipe to existing floor drain.
Route new extraction pipe from existing sample extraction point to new chlorine analyzer location.

Replace existing Foxboro I/A Series IMT25 control panel. Reconnect wiring and conduit as required.

Replace existing door, frame and hardware
Install interior panic hardware.
Reference Architectural drawings

PIPING PLAN - MODIFICATION

Scale: 1/2" = 1'-0"



No.	Revision	By	Date
CITY OF WICHITA, KANSAS			
PIPING PLAN - MODIFICATION			
37TH STREET BOOSTER PUMP STATION IMPROVEMENTS			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2891 www.pec1.com			
Designed by	NDF	Job No.	34-170920-000
Drawn by		Date	DECEMBER 2018
			Sht. C3 of 5