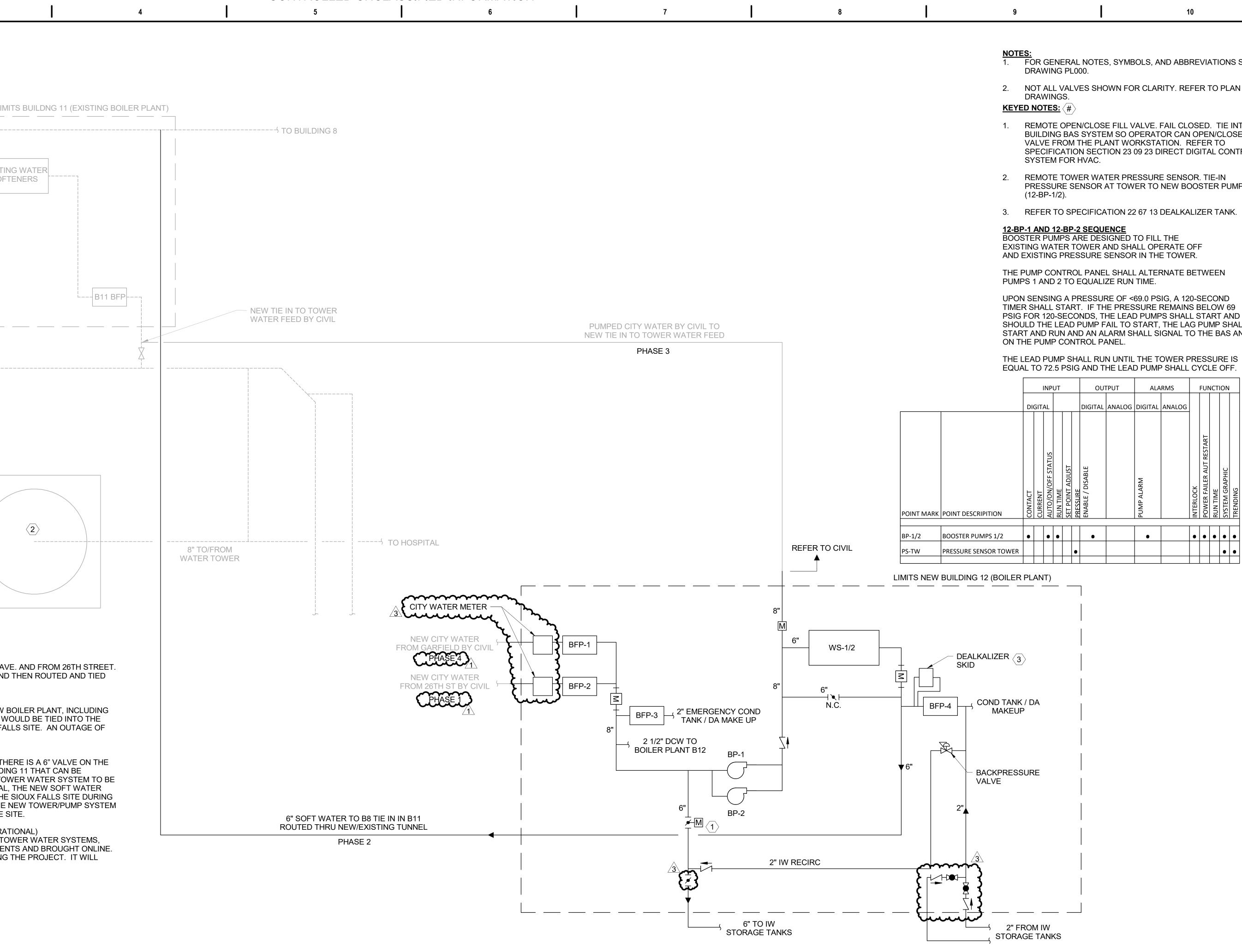
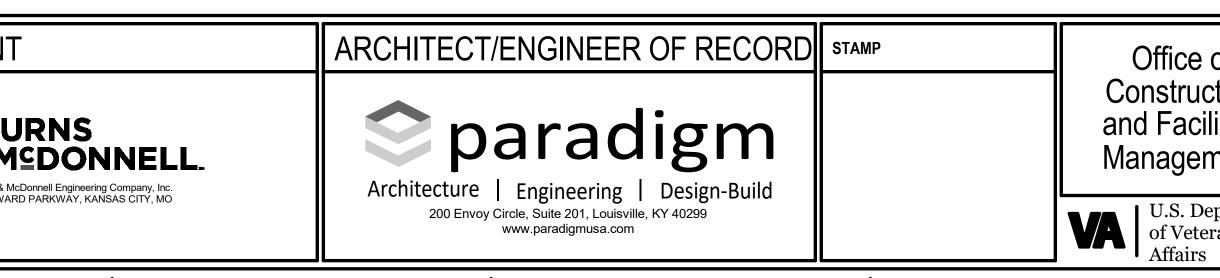
	1		2		3
Α					LIN
					EXISTI SOF
_			F	XISTING PUMPING	
		8" CITY WATER SUPPLY			
		SUFFLI			
В					
			(		
			·		
С					
D	THE NEV THE 26T	(NEW WORK 26TH ST.) V BOILERS PLANT (BUILDING 12 H STREET CONNECTION SHALL	) TO BE FED NEW BE COMPLETED 1	CITY WATER CONNECTIONS OF THE CIT	ONS FROM GARFIELD AV Y REQUIREMENTS, AND
	PHASE 2	ILDING 12 FOR BUILD OUT. 2 (26TH STREET TIE IN OPERATI W WATER SERVICE FROM 26TH		IZED TO COMPLETE THE	STARTUP OF THE NEW
	THE NEV EXISTIN	V WATER SOFTENER SYSTEM A G BUILDING 11 SOFT WATER SY LDING 11 SOFT WATER SYSTEM	AND TOWER BOOS STEM WHICH FEE	TER PUMPS. THE NEW S DS BUILDING 8 AND THE	OFT WATER SYSTEM W REST OF THE SIOUX FA
_	THE EXI	3 (26TH STREET TIE IN OPERATI STING UNDERGROUND WATER GROUND PUMPED/TOWER WATE	LINES ARE LIMITE	D IN THE ABILITY TO ISOL	
	COMPLE SYSTEM	D TO ISOLATE THE SYSTEM TO TED. THE EXISTING B11 PUMPE WAS BE TIED INTO THE B 11 IN 0. ONCE THE NEW PUMPED/TO	D/TOWER WATER	R SYSTEM WOULD STILL E	E FULLY OPERATIONAL VATER SERVICE TO THE
	TO BE C PHASE 4	OMMISSIONED. B12 SOFT WAT	ER AND B12 PUMF ONAL, B12 SOFT V	PED/TOWER LINE WILL BE	ONLINE SERVICE THE
Е	THE FIN NOTE TH	HE VA HAS TAKEN PARTIAL OCC AL WATER CONNECTION AT GA HAT THE UNDERGROUND ROUT	RFIELD AVE. CAN ING OF THE NEW I	BE COMPLETED, TESTED LINE CAN BE COMPLETED	PER CITY REQUIREMENT AT ANY POINT DURING
F					
		Addendum 1		08-09-2024	CONSULTAN
		3 Addendum 3		01-17-2025	
		Revisions:		Date:	Burns & M 9450 WAF

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WATER FLOW DIAGRAM NOT TO SCALE



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e of Iction cilities	Drawing Title WATER FLOW DIAGRAM			Phase 100% CONSTRUCTION DOCUMENTS		Project Title SIOUX FALLS BOILER	
ment	Approved: Project Director					Location VAMC-Sioux Falls: 2501 W 22nd St,	
Department erans s				FULLY SPRIN	KLERED	SIOUX FAL	Checked S. FISCH
I	7		8			9	

FOR GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS SEE

2. NOT ALL VALVES SHOWN FOR CLARITY. REFER TO PLAN

REMOTE OPEN/CLOSE FILL VALVE. FAIL CLOSED. TIE INTO BUILDING BAS SYSTEM SO OPERATOR CAN OPEN/CLOSE THE VALVE FROM THE PLANT WORKSTATION. REFER TO SPECIFICATION SECTION 23 09 23 DIRECT DIGITAL CONTROL

REMOTE TOWER WATER PRESSURE SENSOR. TIE-IN PRESSURE SENSOR AT TOWER TO NEW BOOSTER PUMPS

3. REFER TO SPECIFICATION 22 67 13 DEALKALIZER TANK.

TIMER SHALL START. IF THE PRESSURE REMAINS BELOW 69 PSIG FOR 120-SECONDS, THE LEAD PUMPS SHALL START AND RUN. SHOULD THE LEAD PUMP FAIL TO START, THE LAG PUMP SHALL START AND RUN AND AN ALARM SHALL SIGNAL TO THE BAS AND

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PUT	ALARMS			FUNCTION				
ANALOG	DIGITAL	ANALOG						
	PUMP ALARM		INTERLOCK	POWER FAILER AUT RESTART	RUN TIME	SYSTEM GRAPHIC	TRENDING	
	•		•	•	•	•	•	
			-	-	-	•	•	

X ŚSEAN ALAN FISCHBAC eart fretbac Project Number LER PLANT 438-22-900 uilding Number Drawing Number d St, Sioux Falls, SD 57105 ked Drawn PL700 CHBACH J. YOUNG

Jan-16-2025