


PUMPS EQUIPMENT CONNECTION SCHEDULE																																		
CONNECTION DESIGNATION	LOAD DESCRIPTION	VOLTS	PHASE	LOAD INFORMATION						STARTER INFORMATION						DISCONNECT INFORMATION						CIRCUIT INFORMATION						CONNECTION NOTES	CONNECTION DESIGNATION					
				HP	KVA	AMPS	MCA	MOCp	EMERG. POWER REQ.	FURN. BY	INST. BY	NEMA SIZE	TYPE	STARTER DISCONNECT TYPE	TRIP OR FUSE SIZE	NEMA ENCL. TYPE	FURN. BY	INST. BY	TYPE	SWITCH RATING	POLE	FUSE OR TRIP RATING	NEMA ENCL. TYPE	CIRCUIT ID	CIRCUIT BRKR/ TRIP	BRANCH P	PHASE/ NEUT. NO			WIRE SIZE	MIN CND. SIZE			
21-CFS1	CHEM. FEED PUMP 1	120	1	1/3	0.86	7.2	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	20	N/A	SEE NOTES	SEE NOTES	SEE NOTES	N/A	N/A	N/A	N/A	LB2-2	20	1	1	1	12	12	3/4	8	21-CFS1
21-CFS2	CHEM. FEED PUMP 2	120	1	1/3	0.86	7.2	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	20	N/A	SEE NOTES	SEE NOTES	SEE NOTES	N/A	N/A	N/A	N/A	LB2-4	20	1	1	1	12	12	3/4	8	21-CFS2
21-CFS3	CHEM. FEED PUMP 3	120	1	1/3	0.86	7.2	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	20	N/A	SEE NOTES	SEE NOTES	SEE NOTES	N/A	N/A	N/A	N/A	LB2-6	20	1	1	1	12	12	3/4	8	21-CFS3
21-CFS4	CHEM. FEED PUMP 4	120	1	1/3	0.86	7.2	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	20	N/A	SEE NOTES	SEE NOTES	SEE NOTES	N/A	N/A	N/A	N/A	LB2-8	20	1	1	1	12	12	3/4	8	21-CFS4
21-CFS5	CHEM. FEED PUMP 5	120	1	1/3	0.86	7.2	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	20	N/A	SEE NOTES	SEE NOTES	SEE NOTES	N/A	N/A	N/A	N/A	LB2-10	20	1	1	1	12	12	3/4	8	21-CFS5
21-CFS6	CHEM. FEED PUMP 6	120	1	1/3	0.86	7.2	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	20	N/A	SEE NOTES	SEE NOTES	SEE NOTES	N/A	N/A	N/A	N/A	LB2-12	20	1	1	1	12	12	3/4	8	21-CFS6
21-CP1	STEAM COND. PUMP	480	3	3	3.99	4.8	N/A	N/A	YES	EQ. MFR.	EQ. MFR.	1	SEE NOTES	N/A	N/A	N/A	Div. 16	Div. 16	NON-FUSED SWITCH	30	3	N/A	1	HB1-33	20	3	1	3	12	12	3/4	10, 11	21-CP1	
21-FOP1	FUEL OIL PUMP 1	480	3	??	2.49	2.9	N/A	N/A	YES	EQ. MFR.	EQ. MFR.	1	N/A	N/A	N/A	N/A	Div. 16	Div. 16	NON-FUSED SWITCH	30	3	N/A	3R	HB1-4	20	3	1	3	12	12	3/4	10, 11	21-FOP1	
21-P1	CONDENSATE PUMP 1	480	3	2	2.82	3.4	N/A	N/A	YES	Div. 16	Div. 16	1	FVNR	THML/MAG Ckt BKR	15	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	30	3	N/A	1	MCC1-C3	20	3	1	3	12	12	3/4	11	21-P1	
21-P2	CONDENSATE PUMP 2	480	3	2	2.82	3.4	N/A	N/A	YES	Div. 16	Div. 16	1	FVNR	THML/MAG Ckt BKR	15	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	30	3	N/A	1	MCC1-C4	20	3	1	3	12	12	3/4	11	21-P2	
21-P3	BOILER PUMP 3	480	3	15	17.45	21.0	N/A	N/A	YES	Div. 16	Div. 16	2	VFD	THML/MAG Ckt BKR	40	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	60	3	N/A	1	MCC1-B2	40	3	1	3	8	10	1	5, 11	21-P3	
21-P4	BOILER PUMP 4	480	3	15	17.45	21.0	N/A	N/A	YES	Div. 16	Div. 16	2	VFD	THML/MAG Ckt BKR	40	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	60	3	N/A	1	MCC1-C2	40	3	1	3	8	10	1	5, 11	21-P4	
21-P5	BOILER PUMP 5	480	3	15	17.45	21.0	N/A	N/A	YES	Div. 16	Div. 16	2	VFD	THML/MAG Ckt BKR	40	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	60	3	N/A	1	MCC1-D2	40	3	1	3	8	10	1-1/4	5, 11	21-P5	
21-P6	BOILER PUMP 6	480	3	15	17.45	21.0	N/A	N/A	YES	Div. 16	Div. 16	2	VFD	THML/MAG Ckt BKR	40	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	60	3	N/A	1	MCC1-D2	40	3	1	3	8	10	1	5, 11	21-P6	
21-P7	CONDENSATE IN-LINE	480	3	1	1.75	0.0	N/A	N/A	YES	Div. 16	Div. 16	1	FVNR	THML/MAG Ckt BKR	15	IN MCC	Div. 16	Div. 16	NON-FUSED SWITCH	30	3	N/A	1	MCC1-C6	20	3	1	3	12	12	3/4	11	21-P7	
8-CP1	STEAM COND. PUMP	480	3	7-1/2	9.14	11.0	N/A	N/A	YES	EQ. MFR.	EQ. MFR.	1	SEE NOTES	N/A-STARTER ONLY	N/A	1	Div. 16	Div. 16	NON-FUSED SWITCH	30	2	N/A	1	HB3-3	20	3	1	3	12	12	3/4		8-CP1	
8-CP2	STEAM COND. PUMP	480	3	7-1/2	9.14	11.0	N/A	N/A	YES	EQ. MFR.	EQ. MFR.	1	SEE NOTES	N/A-STARTER ONLY	N/A	1	Div. 16	Div. 16	NON-FUSED SWITCH	30	2	N/A	1	HB3-9	20	3	1	3	12	12	3/4	10, 11	8-CP2	
FS-1	FUEL OIL FILTER	480	3	1-1/2	2.49	3.0	N/A	N/A	YES	EQ. MFR.	EQ. MFR.	1	N/A	N/A-STARTER ONLY	N/A		Div. 16	Div. 16	NON-FUSED SWITCH	30	3	N/A	3R	HB1-10	20	3	1	3	12	12	3/4	10, 11	FS-1	
<div>1. LOCK BREAKER "ON"</div> <div>2. DISCONNECT PROVIDED WITH EQUIPMENT</div> <div>3. CIRCUIT FROM LIGHT SWITCH</div> <div>4. VERIFY LOCATION WITH MECHANICAL CONTRACTOR</div> <div>5. VFD PROVIDED IN MOTOR CONTROL CENTER.</div> <div>6. EQUIPPED WITH MOTION SENSORS</div> <div>7. PROVIDE MOTOR RATED SWITCH</div> <div>8. PROVIDE NEMA 5-20R RECEPTACLE FOR CORD AND PLUG CONNECTION</div> <div>9. AIR HANDLER CIRCUIT COMES FROM CONDENSING UNIT.</div> <div>10. CONTROLLER/STARTER PROVIDED WITH UNIT.</div> <div>11. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTION TO EQUIPMENT.</div> <div>12. DISCONNECT AND THERMAL OVERLOAD PROVIDED WITH EQUIPMENT.</div> <div>13. PROVIDE TOGGLE DISCONNECT SWITCH</div> <div>14. PROVIDE NEMA 15-50R RECEPTACLE WITH MATCHING CORD AND PLUG.</div> <div>15. FEED OUT OF PANELS</div>																																		



**Veterans
Affairs**

