

Station: Sansom			RTU Address: 20		Comm Line: 35			
Station Number: 20		Control Panel: D1		Type: QEI	Circuit/IP: 192.168.110.95			
				Leg: IP				
TB1 NO	Card C	Point	Addr.	FUNCTION	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER
1	4	0	0	TRIP	REMOTE 2401/2027 2ND ST	R01/27	1-2	1
7	10			CLOSE			3-4	
13	16	1	1	TRIP	2026 REMOTE ARCH ST	R2026A	5-6	1
19	22			CLOSE			7-8	
25	28	2	2	TRIP	2026 REMOTE 5TH ST	R2026	9-10	1
31	34			CLOSE			11-12	
37	40	3	3	TRIP	2027 REMOTE 5TH ST	R2027	13-14	1
43	46			CLOSE			15-16	
TB2								
1	4	4	4	TRIP	2029 REMOTE 5TH ST	R2029	17-18	1
7	10			CLOSE			19-20	
13	16	5	5	TRIP	2028 REMOTE 5TH ST	R2028	21-22	1
19	22			CLOSE			23-24	
25	28	6	6	TRIP	2029 REMOTE 11TH ST	R2029A	25-26	1
31	34			CLOSE			27-28	
37	40	7	7	TRIP	1524 REMOTE 11TH ST	R1524	29-30	1
43	46			CLOSE			31-32	

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Station: Sansom			RTU Address: 20		Comm Line: 35		
Station Number: 20		Control Panel: D2		Type: QEI	Circuit/IP: 192.168.110.95		
Leg: IP							
TB1 NO	Card C	Addr. Point	FUNCTION	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER
1	4	0 8	TRIP	1525 REMOTE 11TH ST	R1525	33-34	1
7	10		CLOSE			35-36	
13	16	1 9	TRIP	2028 REMOTE 11TH ST	R2028A	37-38	1
19	22		CLOSE			39-40	
25	28	2 10	TRIP	RECT 1 AC BREAKER	52R1	41-42	1
31	34		CLOSE			43-44	
37	40	3 11	TRIP	RECT 2 AC BREAKER	52R2	45-46	1
43	46		CLOSE			47-48	
TB2							
1	4	4 12	TRIP	AC BUS TIE	52BT	49-50	1
7	10		CLOSE			51-52	
13	16	5 13	TRIP	PE 337 BREAKER	52L1	53-54	1
19	22		CLOSE			55-56	
25	28	6 14	TRIP	PE 304 BREAKER	52L2	57-58	1
31	34		CLOSE			59-60	
37	40	7 15	TRIP	RECLOSURE	69	61-62	1
43	46		CLOSE			63-64	

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Station: Sansom			RTU Address: 20		Comm Line: 35			
Station Number: 20		Control Panel: D3		Type: QEI	Circuit/IP: 192.168.110.95			
Leg: IP								
TB1 NO	Card C	Addr. Point	FUNCTION	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER	
1	4	0	16	TRIP	BATT AC CHARGER CONTROL	ACBATT	67-68	1
7	10			CLOSE		69-70		
13	16	1	17	TRIP	BATT DC CHARGER CONTROL	DCBATT	1-2	2
19	22			CLOSE		3-4		
25	28	2	18	TRIP	EQ BKR 2400/2401	R00/01	5-6	2
31	34			CLOSE		7-8		
37	40	3	19	TRIP	165 EMG LGT FDR BKR	E165	9-10	2
43	46			CLOSE		11-12		
TB2								
1	4	4	20	TRIP	164 EMG LGT FDR BKR	E164	13-14	2
7	10			CLOSE		15-16		
13	16	5	21	TRIP	FEEDER 2004	F2004	17-18	2
19	22			CLOSE		19-20		
25	28	6	22	TRIP	FEEDER 2002	F2002	21-22	2
31	34			CLOSE		23-24		
37	40	7	23	TRIP	FEEDER 2001	F2001	25-26	2
43	46			CLOSE		27-28		

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Station: Sansom			RTU Address: 20		Comm Line: 35			
Station Number: 20		Control Panel: D4		Type: QEI		Circuit/IP: 192.168.110.95		
Leg: IP								
TB1 NO	Card C	Card Point	Addr.	FUNCTION	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER
1	4	0	24	TRIP	FEEDER 1511T	F1511T	29-30	2
7	10			CLOSE			31-32	
13	16	1	25	TRIP	2842T EMG LGT FDR	C2842T	33-34	2
19	22			CLOSE			35-36	
25	28	2	26	TRIP	DC EMERGENCY LGT MAIN	F/ELM	37-38	2
31	34			CLOSE			39-40	
37	40	3	27	TRIP	FEEDER 2026	F2026	41-42	2
43	46			CLOSE			43-44	
TB2								
1	4	4	28	TRIP	FEEDER 2027	F2027	51-52	2
7	10			CLOSE			53-54	
13	16	5	29	TRIP	FEEDER 2028	F2028	55-56	2
19	22			CLOSE			57-58	
25	28	6	30	TRIP	FEEDER 2029	F2029	59-60	2
31	34			CLOSE			61-62	
37	40	7	31	TRIP	TRANSFER BREAKER	FTRANS	63-64	2
43	46			CLOSE			65-66	

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Station: Sansom			RTU Address: 20		Comm Line: 35			
Station Number: 20		Control Panel: D5		Type: QEI		Circuit/IP: 192.168.110.95		
					Leg: IP			
TB1 NO	Card C	Point	Addr.	FUNCTION	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER
1	4	0	32	TRIP	REMOTE 2026/2027 2ND ST	R26/27	67-68	2
7	10			CLOSE			69-70	
13	16	1	33	TRIP	13.2KW LGT & POWER MAIN	52LP	1-2	1A
19	22			CLOSE			3-4	
25	28	2	34	TRIP	4.8KV MAIN BUS BKR	52MB	5-6	1A
31	34			CLOSE			7-8	
37	40	3	35	TRIP	4.8KV MAIN 1 - PATCO BKR	52M1	9-10	1A
43	46			CLOSE			11-12	
TB2								
1	4	4	36	TRIP	4.8KV FEEDER 1 - 2651	52F1	13-14	1A
7	10			CLOSE			15-16	
13	16	5	37	TRIP	4.8KV FEEDER 2 - 2854	52F2	17-18	1A
19	22			CLOSE			19-20	
25	28	6	38	TRIP	4.8KV MAIN 2 - SEPTA BKR	52M2	21-22	1A
31	34			CLOSE			23-24	
37	40	7	39	TRIP	4.8KV FEEDER 3 - 2051	52F3	25-26	1A
43	46			CLOSE			27-28	

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Station: Sansom		RTU Address: 20		Comm Line: 35				
Station Number: 20		Control Panel: D6		Type: QEI				
				Circuit/IP: 192.168.110.95				
				Leg: IP				
TB1 NO	Card C	Addr. Point	FUNCTION	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER	
1	4	0	40	TRIP	4.8KV FEEDER 4 - 2050	52F4	29-30	1A
7	10			CLOSE				
13	16	1	41	TRIP	PULSAR CIRCUIT CONTROL	NGR2	33-34	1A
19	22			CLOSE				
25	28	2	42	TRIP	BATTERY REGEN BKR	BATRGN	37-38	1A
31	34			CLOSE				
37	40	3	43	TRIP	RGN REMOTE E-STOP RELAY	R-ESTP	1 - 2	1B
43	46			CLOSE				
TB2								
1	4	4	44	TRIP	2401 REMOTE ARCH ST	R2401	45-46	2
7	10			CLOSE				
13	16	5	45	TRIP	SPARE			
19	22			CLOSE				
25	28	6	46	TRIP	SPARE			
31	34			CLOSE				
37	40	7	47	TRIP	SPARE			
43	46			CLOSE				

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B1	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	0	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	RTU LOCAL/SUPV SWITCH	LO/REM	NONE	IN SET		
6,7	1	RTU POWER	RTUPWR	NONE	IN SET		
8,9	2	REMOTE 2401/2027 2ND ST	R01/27	0	5/6	3	
10,11	3	2026 REMOTE ARCH ST	R2026	1	7/8	3	
12,13	4	2026 REMOTE 5TH ST	R2026	2	9/10	3	
14,15	5	2027 REMOTE 5TH ST	R2027	3	11/12	3	
16,17	6	2028 REMOTE 5TH ST	R2028	5	13/14	3	
18,19	7	2029 REMOTE 5TH ST	R2029	4	15/16	3	
20,21	8	2028 REMOTE 11TH ST	R2028A	9	17/18	3	
22,23	9	2029 REMOTE 11TH ST	R2029A	6	19/20	3	
24,25	10	1524 REMOTE 11TH ST	R1524	7	21/22	3	
26,27	11	1525 REMOTE 11TH ST	R1525	8	23/24	3	
28,29	12	REMOTE 2026/2027 2ND ST	R26/27	32	25/26	3	
30,31	13	RECT 1 AC BREAKER	52R1	10	27/28	3	
32,33	14	RECT 2 AC BREAKER	52R2	11	29/30	3	
34,35	15	AC BUS TIE	52BT	12	31/32	3	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B2	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	1	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	PE 337 BREAKER	52L1	13	33/34	3	
6,7	1	PE 304 BREAKER	52L2	14	35/36	3	
8,9	2	RECLOSURE	69	15	37/38	3	
10,11	3	BATT CHARGER HI/LO AC	BCHLV	NONE	C(39)/40	3	
12,13	4	BATT DC CHARGER CONTROL	DCBATT	17	41/42	3	
14,15	5	BATT AC CHARGER CONTROL	ACBATT	16	43/44	3	
16,17	6	165 FEEDER EMG LGT	E165	19	45/46	3	
18,19	7	164 FEEDER EMG LGT	E164	20	47/48	3	
20,21	8	FEEDER 2004	F2004	21	49/50	3	
22,23	9	FEEDER 2002	F2002	22	51/52	3	
24,25	10	FEEDER 2001	F2001	23	53/54	3	
26,27	11	FEEDER 1511T	F1511T	24	55/56	3	
28,29	12	FEEDER 2842T	F2842T	25	57/58	3	
30,31	13	DC EMERGENCY LGT MAIN	F/ELM	26	59/60	3	
32,33	14	FEEDER 2026	F2026	27	61/62	3	
34,35	15	FEEDER 2027	F2027	28	63/64	3	

Wednesday, February 12, 2020

Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B3	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	2	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	FEEDER 2028	F2028	29	65/66	3	
6,7	1	FEEDER 2029	F2029	30	67/68	3	
8,9	2	TRANSFER BREAKER	FTRANS	31	69/70	3	
10,11	3	TRANSFER BKR RELEASE 01X	TRNSRL	NONE	1/2	4	
12,13	4	2842 FEEDER CHECK	2842TA	NONE	3/4	4	
14,15	5	FIRE	FA	NONE	5/6	4	
16,17	6	FIRE SYSTEM FAILURE	FAF	NONE	7/8	4	
18,19	7	INVERTER FAIL	INVERT	NONE	9/10	4	
20,21	8	SPARE (FRMR INV BYPASS)	INVBP	NONE	11/12	4	
22,23	9	EQ 2400/2401	R00/01	18	3/4	3	
24,25	10	DC MAIN POTENTIAL IND.	DCLGT	NONE	15/16	4	
26,27	11	SPARE(LABELED LGT POT?)		NONE	17/18	4	
28,29	12	165 FEEDER CHECK	165TA	NONE	19/20	4	
30,31	13	164 FEEDER CHECK	164TA	NONE	21/22	4	
32,33	14	2004 RELEASE 01X	2004RL	NONE	23/24	4	
34,35	15	2002T RELEASE 01X	2002RL	NONE	25/26	4	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B4	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	3	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	2001 RELEASE 01X	2001RL	NONE	27/28	4	
6,7	1	1511T RELEASE 01X	1511RL	NONE	29/30	4	
8,9	2	LAB DOOR	33XLAB	NONE	31/32	4	
10,11	3	PE 337 COND LOCKOUT	86XL1	NONE	33/34	4	
12,13	4	2026 RELEASE 01X	2026RL	NONE	35/36	4	
14,15	5	2027 RELEASE 01X	2027RL	NONE	37/38	4	
16,17	6	2028 RELEASE 01X	2028RL	NONE	39/40	4	
18,19	7	2029 RELEASE 01X	2029RL	NONE	41/42	4	
20,21	8	RECT 1 DIODE FAIL	58A1	NONE	43/44	4	
22,23	9	RECT 1 DIODE TEMPERATURE	26A1	NONE	45/46	4	
24,25	10	RECT 1 ENCLOSURE GND	64R1	NONE	47/48	4	
26,27	11	RECT 1 SURGE	99R1	NONE	49/50	4	
28,29	12	RECT 2 DIODE FAIL	58A2	NONE	51/52	4	
30,31	13	RECT 2 DIODE TEMPERATURE	26A2	NONE	53/54	4	
32,33	14	RECT 2 ENCLOSURE GND	64R2	NONE	55/56	4	
34,35	15	RECT 2 SURGE	99R2	NONE	57/58	4	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B5	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	4	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	RECT 1 CATHODE BREAKER	72R1	NONE	59/60	4	
6,7	1	RECT 1 COND LOCKOUT	86XR1	NONE	61/62	4	
8,9	2	RECT 1 LOCKOUT	86R1	NONE	63/64	4	
10,11	3	RECT 1 XFMR WINDING TEMP	49WA1	NONE	65/66	4	
12,13	4	RECT 1 XFMR LIQUID LEVEL	LQLVR1	NONE	67/68	4	
14,15	5	RECT 1 XFMR LIQUID TEMP	LQTPR1	NONE	69/70	4	
16,17	6	RECT 2 CATHODE BREAKER	72R2	NONE	1/2	5	
18,19	7	RECT 2 COND LOCKOUT	86XR2	NONE	3/4	5	
20,21	8	RECT 2 LOCKOUT	86R2	NONE	5/6	5	
22,23	9	RECT 2 XFMR WINDING TEMP	49WA2	NONE	7/8	5	
24,25	10	RECT 2 XFMR LIQUID TEMP	LQTPR2	NONE	9/10	5	
26,27	11	RECT 2 XFMR LIQUID LEVEL	LQLVR2	NONE	11/12	5	
28,29	12	PE 337 LOCKOUT	86L1	NONE	13/14	5	
30,31	13	PE 304 LOCKOUT	86L2	NONE	15/16	5	
32,33	14	PE 337 POTENTIAL IND	47L1	NONE	17/18	5	
34,35	15	PE 304 POTENTIAL IND	47L2	NONE	19/20	5	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B6	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	5	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	BATTERY CHARGER POS/NEG	64BC	NONE	21/22	5	
6,7	1	BATTERY CHARGER FAIL	BCF	NONE	C(23)/24	5	
8,9	2	BATT CHARGER LOW VOLTAGE	27BC	NONE	25/C(26)	5	
10,11	3	BATTERY CHARGER HI DC	BCHDC	NONE	C(27)/28	5	
12,13	4	PE 304 COND LOCKOUT	86XL2	NONE	29/30	5	
14,15	5	LOAD MEASURE	LM	NONE	31/32	5	
16,17	6	STATION MODE SWITCH	43	NONE	33/34	5	
18,19	7	SANSOM DOOR	33X	NONE	35/36	5	
20,21	8	DC SWGR ENCLOSURE POS	64P	NONE	37/38	5	
22,23	9	DC SWGR ENCLOSURE NEG	64N	NONE	39/40	5	
24,25	10	2029 FEEDER CHECK	2029TA	NONE	41/42	5	
26,27	11	2028 FEEDER CHECK	2028TA	NONE	43/44	5	
28,29	12	TRANS BUS FEEDER CHECK	TRNSTA	NONE	45/46	5	
30,31	13	2027 FEEDER CHECK	2027TA	NONE	47/48	5	
32,33	14	1511T FEEDER CHECK	1511TA	NONE	49/50	5	
34,35	15	2002 FEEDER CHECK	2002TA	NONE	51/52	5	

Wednesday, February 12, 2020

Station:	Sansom	RTU Address:	20	Comm Line:	35		
Station Number:	20	Status Panel:	B7	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	6	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	2001 FEEDER CHECK	2001TA	NONE	53/54	5	
6,7	1	2004 FEEDER CHECK	2004TA	NONE	55/56	5	
8,9	2	2026 FEEDER CHECK	2026TA	NONE	57/58	5	
10,11	3	REMOTE PANEL MODE SWITCH	43REM	NONE	59/60	5	
12,13	4	RECT 1 CATHODE MODE SW	43R1	NONE	63/64	5	
14,15	5	RECT 2 CATHODE MODE SW	43R2	NONE	65/66	5	
16,17	6	BUS TIE MODE SWITCH	43BT	NONE	61/62	5	
18,19	7	13.2KV LGT & POWER	52LP	33	1/2	6	
20,21	8	13.2KV LGT & POWER POT	27LP	NONE	3/4	6	
22,23	9	13.2 KV L&P LOCKOUT	86LP	NONE	5/6	6	
24,25	10	13.2KV COND LOCKOUT	86XLP	NONE	7/8	6	
26,27	11	13.2KV WINDING TEMP	49LP	NONE	9/10	6	
28,29	12	4.8KV MAIN BUS BKR	52MB	34	11/12	6	
30,31	13	4.8KV MAIN BUS POT	27MBX	NONE	13/14	6	
32,33	14	4.8KV MAIN 1 - PATCO BKR	52M1	35	15/16	6	
34,35	15	4.8KV MAIN 1 - PATCO POT	27M1X	NONE	17/18	6	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B8	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	7	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	4.8KV FEEDER 1 - 2651	52F1	36	19/20	6	
6,7	1	4.8KV 2651 FDR POT	3F1ABC	NONE	21/22	6	
8,9	2	4.8KV FEEDER 2 - 2854	52F2	37	23/24	6	
10,11	3	4.8KV 2854 FDR POT	3F2ABC	NONE	25/26	6	
12,13	4	4.8KV MAIN 2 - SEPTA BKR	52M2	38	27/28	6	
14,15	5	4.8KV MAIN 2 POT	27M2X	NONE	29/30	6	
16,17	6	4.8KV FEEDER 3 - 2051	52F3	39	31/32	6	
18,19	7	4.8KV 2051 FDR POT	3F3ABC	NONE	33/34	6	
20,21	8	4.8KV FEEDER 4 - 2050	52F4	40	35/36	6	
22,23	9	4.8KV 2050 FDR POT	3F4ABC	NONE	37/38	6	
24,25	10	MARK 11 A GND FAULT ALM	DSPAGF	NONE	39/40	6	
26,27	11	MARK 11 B GND FAULT ALM	DSPBGF	NONE	41/42	6	
28,29	12	MAIN 1 GND FAULT ALARM	52M1GF	NONE	43/44	6	
30,31	13	F1 2651 GND FAULT	52F1GF	NONE	45/46	6	
32,33	14	F2 2854 GND FAULT	52F2GF	NONE	47/48	6	
34,35	15	MAIN 2 GND FAULT ALARM	52M2GF	NONE	49/50	6	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B9	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	8	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	F3 2051 GND FAULT	52F3GF	NONE	51/52	6	
6,7	1	F4 2050 GND FAULT	52F4GF	NONE	53/54	6	
8,9	2	UPS POWER FAILURE	UPSPWR	NONE	55/56	6	
10,11	3	PULSAR MAN DISC SWITCH	PMDSW	NONE	57/58	6	
12,13	4	4800 CONTROL VOLTS	L/PCV	NONE	59/60	6	
14,15	5	NGR LOC/SUPV SWITCH	43NGR	NONE	61/62	6	
16,17	6	NGR GND FAULT PRESENT	GFPNGR	NONE	63/64	6	
18,19	7	PULSAR CIRCUIT CONTROL	NGR2	41	65/66	6	
20,21	8	2401 REMOTE ARCH ST.	R2401	44	1/2	7	
22,23	9	5TH ST REMOTE RM DOOR	33XRR5	NONE	15/16	7	
24,25	10	2ND ST REMOTE RM DOOR	33XRR2	NONE	3/4	7	
26,27	11	RR2 AC UNDERVOLTAGE	27ACR2	NONE	5/6	7	
28,29	12	RR2 DC UNDERVOLTAGE	27DCR2	NONE	7/8	7	
30,31	13	RR2 ENCLOSURE NEG	64NR2	NONE	9/10	7	
32,33	14	RR2 ENCLOSURE POS	64PR2	NONE	11/12	7	
34,35	15	RR2 MODE SWITCH	43RR2	NONE	13/14	7	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B10	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	9	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	BEAVER PUMP RM POWER	BVRPWR	NONE	1/2	PTB6	
6,7	1	PACKER PUMP RM POWER	PKRPWR	NONE	7/8	PTB6	
8,9	2	SHUNK PUMP RM POWER	SNKPWR	NONE	13/14	PTB6	
10,11	3	TASKER PUMP RM POWER	TSKPWR	NONE	19/20	PTB6	
12,13	4	FAIRMNT PUMP RM POWER	FMT PWR	NONE	25/26	PTB6	
14,15	5	RIDGE/CAL PUMP RM POWER	RCPWR	NONE	31/32	PTB6	
16,17	6	SOUTH ST PUMP RM POWER	STHPWR	NONE	5/6	PTB7	
18,19	7	ARCH ST PUMP RM POWER	ACHPWR	NONE	11/12	PTB7	
20,21	8	BSS-CAL PUMP RM POWER	BCPWR	NONE	17/18	PTB7	
22,23	9	YORK PUMP RM POWER	YRKPWR	NONE	23/24	PTB7	
24,25	10	ALLEGHENY PUMP RM POWER	ALLPWR	NONE	3/4	PTB8	
26,27	11	WYOMING PUMP RM POWER	WYOPWR	NONE	7/8	PTB8	
28,29	12	5TH ST PUMP RM POWER	5PWR	NONE	13/14	PTB8	
30,31	13	25TH ST PUMP RM POWER	25PWR	NONE	21/22	PTB8	
32,33	14	44TH ST PUMP RM POWER	44PWR	NONE	25/26	PTB8	
34,35	15	13TH ST PUMP RM POWER	13PWR	NONE	31/32	PTB8	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B11	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	10	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	22ND ST PUMP RM POWER	22PWR	NONE	5/6	PTB9	
6,7	1	31ST ST PUMP RM POWER	31PWR	NONE	11/12	PTB9	
8,9	2	37TH ST PUMP RM POWER	37PWR	NONE	17/18	PTB9	
10,11	3	MASTER 1 TO PUMP RM ERR	PRCOM1	NONE	27/28	PTB7	
12,13	4	MASTER 2 TO PUMP RM ERR	PRCOM2	NONE	27/28	PTB9	
14,15	5	BEAVER PUMP HI WATER	BVRHW	NONE	3/4	PTB6	
16,17	6	PACKER PUMP HI WATER	PKRHW	NONE	9/10	PTB6	
18,19	7	SHUNK PUMP HI WATER	SNKHW	NONE	15/16	PTB6	
20,21	8	TASKER PUMP HI WATER	TSKHW	NONE	21/22	PTB6	
22,23	9	FAIRMOUNT PUMP HI WATER	FMTHW	NONE	27/28	PTB6	
24,25	10	RIDGE/CAL PUMP HI WATER	RCHW	NONE	1/2	PTB7	
26,27	11	SOUTH ST PUMP HI WATER	STHHW	NONE	7/8	PTB7	
28,29	12	ARCH ST PUMP HI WATER	ACHHW	NONE	13/14	PTB7	
30,31	13	BSS-CAL PUMP HI WATER	BCHW	NONE	19/20	PTB7	
32,33	14	YORK PUMP HI WATER	YRKHW	NONE	25/26	PTB7	
34,35	15	ALLEGHENY PUMP HI WATER	ALLHW	NONE	3/4	PTB8	

Wednesday, February 12, 2020

Station:	Sansom	RTU Address:	20	Comm Line:	35		
Station Number:	20	Status Panel:	B12	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	11	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	WYOMING PUMP HI WATER	WYOHW	NONE	9/10	PTB8	
6,7	1	5TH ST PUMP HI WATER	5HW	NONE	15/16	PTB8	
8,9	2	25TH ST PUMP HI WATER	25HW	NONE	21/22	PTB8	
10,11	3	44TH ST PUMP HI WATER	44HW	NONE	27/28	PTB8	
12,13	4	13TH ST PUMP HI WATER	13HW	NONE	1/2	PTB9	
14,15	5	22ND ST PUMP HI WATER	22HW	NONE	7/8	PTB9	
16,17	6	31ST ST PUMP HI WATER	31HW	NONE	13/14	PTB9	
18,19	7	37TH ST PUMP HI WATER	37HW	NONE	19/20	PTB9	
20,21	8	11TH ST REMOTE RM DOOR	33XR11	NONE	17/18	7	
22,23	9	RR11 AC UNDERVOLTAGE	27ACR1	NONE	19/20	7	
24,25	10	RR11 DC UNDERVOLTAGE	27DCR1	NONE	21/22	7	
26,27	11	RR11 ENCLOSURE NEG	64NR11	NONE	23/24	7	
28,29	12	RR11 ENCLOSURE POS	64PR11	NONE	25/26	7	
30,31	13	RR11 MODE SWITCH	43RR11	NONE	27/28	7	
32,33	14	DC CHARGER MODE SWITCH	43BC	NONE	29/30	7	
34,35	15	DC CHARGER INPUT	BCDC	NONE	31/32	7	

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Station:	Sansom		RTU Address:	20	Comm Line:	35	
Station Number:	20	Status Panel:	B13	Type:	QEI	Circuit/IP:	192.168.110.95
		Panel:	12	Leg:	IP		
TB1	Address	DESCRIPTION	POINT NAME	CONTROL ADDRESS	SWITCH NUMBER	ROW NUMBER	
4,5	0	REGEN SYSTEM E-STOP	RGNSSES		37-38	7	
6,7	1	REGEN SYSTEM FAULT	RGNSYS		39-40	7	
8,9	2	REGEN SYSTEM STOP	SYSSTP		41-42	7	
10,11	3	REGEN BREAKER	RGNB/R		43-44	7	
12,13	4	REGEN HSCB OC TRIP	HSCBTR		45-46	7	
14,15	5	REGEN FIRE ALARM	RGNF		47-48	7	
16,17	6	RGN REMOTE E-STOP RELAY	R-ESTP	43	49-50	7	
18,19	7	BATTERY REGEN BKR	BATRGN	42	35-36	7	
20,21	8	REGEN FEEDER-CHECK	RGNTA		33-34	7	
22,23	9	ARCH ST REMOTE RM DOOR	33XARC		51-52	7	
24,25	10	RR ARCH CHARGER ALARM	74BC		53-54	7	
26,27	11	RR ARCH DC UNDERVOLTAGE	27DCAR		55-56	7	
28,29	12	RR ARCH ENCLOSURE NEG	64NARC		57-58	7	
30,31	13	RR ARCH ENCLOSURE POS	64PARC		59-60	7	
32,33	14	RR ARCH MODE SWITCH	43ARC		61-62	7	
34,35	15						

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Station:	Sansom		RTU Address:	20	Comm Line:	35		
Station Number:	20	Analog Panel:	A1	Type:	QEI	Circuit/IP:	192.168.110.95	
					Leg:	IP		
TB1	Card Point	Addr.	INPUT	DESCRIPTION	POINT NAME	SWITCH NUMBER	ROW NUMBER	
1,2	0	0	0-1MA	PE 337 LINE 1 VOLTAGE	PE337	71/72	6	
3,4	1	1	0-1MA	PE 304 LINE 2 VOLTAGE	PE304	75/76	6	
5,6	2	2	0-1MA	LGT FDR 1 CURRENT PH-A	CF1A			
7,8	3	3	0-1MA	LGT FDR 1 CURRENT PH-B	CF1B			
9,10	4	4	0-1MA	DC BUS VOLTAGE	DCVOLT	81/82	6	
11,12	5	5	0-1MA	BATTERY VOLTAGE	BATT V	85/86	6	
13,14	6	6	0-1MA	LGT FDR 1 CURRENT PH-C	CF1C			
15,16	7	7	0-1MA	LGT FDR 2 CURRENT PH-A	CF2A			
17,18	8	8	0-1MA	LGT FDR 2 CURRENT PH-B	CF2B			
19,20	9	9	0-1MA	LGT FDR 2 CURRENT PH-C	CF2C			
21,22	10	10	0-1MA	LGT FDR 3 CURRENT PH-A	CF3A			
23,24	11	11	0-1MA	LGT FDR 3 CURRENT PH-B	CF3B			
25,26	12	12	0-1MA	LGT FDR 3 CURRENT PH-C	CF3C			
27,28	13	13	0-1MA	LGT FDR 4 CURRENT PH-A	CF4A			
29,30	14	14	0-1MA	LGT FDR 4 CURRENT PH-B	CF4B			
31,32	15	15	0-1MA	LGT FDR 4 CURRENT PH-C	CF4C			
33,34			GROUND					

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