

PANEL SCHEDULE											
Blower Building 120/208V Panel "CP-A"											
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION	
C530-EF	.19kW	15A	1	*				2	15A	3kW	Sampling Rm C552-CU
C550-SF	4.6kW	50A	3	*				4	2P	2/C #8	
2/C #6		2P	5	*				6	20A	1kW	Chemical Analyzer
C550-MD1		15A	7	*				8	2P	2/C #12 Teck	
C521-MD1, C521-MD2		15A	9	*				10	20A	1kW	Chemical Analyzer Comp.
C523-MD1, C523-MD2		15A	11	*				12	2P	2/C #12 Teck	
C530-MD1, C530-MD2		15A	13	*				14	15A	Spare	
C580-MD1		15A	15	*				16	15A	Spare	
Space		15A	17	*				18	15A	Spare	
Electrical Room Lites	700W	15A	19	*				20	15A	3	Blower Room Recept.
Sampling & Control Rm lites	500W	15A	21	*				22	15A	3	Blower Room Recept.
Blower Room Lites	500W	15A	23	*				24	15A	3	Sampling Room Recept.
Blower Room Lites	900W	15A	25	*				26	15A	3	Control Room Recept.
C190-P	370W	15A	27	*				28	15A	3	Control Room Recept.
Spare		2P	29	*				30	15A	2	Electrical Room Recept
Spare		15A	31	*				32	15A	2	Electrical Room Recept
Spare		15A	33	*				34			Space
Space			35	*				36			Space
Space			37	*				38			Space
Space			39	*				40			Space
Space			41	*				42			Space

Voltage: 120/208V/3Ø/4 Wire Feeder: 4/C # 2 Teck Cable
 Mains: 225A Main Breaker: N/A
 Location: Electrical Room Power Source: Transformer C100-CP-A
 Mounting: Surface

PANEL SCHEDULE											
Blower Building 120/208V Panel "CP-B"											
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION	
Spare		15A	1	*				2	15A		C522-MD1, C522-MD2
Spare		15A	3	*				4	15A		C524-MD1, C524-MD2
Spare		15A	5	*				6	15A	0.37kW	C290-P
Spare		15A	7	*				8	2P		
Spare		15A	9	*				10	15A		CCTV Camera CCTV-003
Spare		15A	11	*				12	15A		CCTV Camera CCTV-004
Spare		15A	13	*				14	15A		Spare
Spare		15A	15	*				16	15A		Spare
Spare		15A	17	*				18	15A		Spare
O/H Door #1	0.5HP	15A	19	*				20			Space
Spare		3P	21	*				22			Space
3/C #12 Teck		3P	23	*				24			Space
Spare			25	*				26			Space
Space			27	*				28			Space
Space			29	*				30			Space
Space			31	*				32			Space
Space			33	*				34			Space
Space			35	*				36			Space
Space			37	*				38			Space
Space			39	*				40			Space
Space			41	*				42			Space

Voltage: 120/208V/3Ø/4 Wire Feeder: 4/C # 2 Teck Cable
 Mains: 225A Main Breaker: N/A
 Location: Electrical Room Power Source: Transformer C200 - CP-B
 Mounting: Surface

PANEL SCHEDULE											
Blower Building 600V Panel "CDP-C100"											
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION	
Equiliz. Tank Pump C330-P	23.9kW	80A	1	*				2	15A	.75kW	Decanter C160
VFD		3P	3	*				4	3P		VFD
3/C #6 Teck Plus 100% GRD			5	*				6			3/C#12 Teck Plus 100% GRD
Spare		15A	7	*				8	15A	2kW	Weir Gate Actuator C010-WG
		3P	9	*				10	3P		
			11	*				12			3/C#12 Teck
Controller Sump Pit C570	2.6kW	15A	13	*				14	15A		Spare
		3P	15	*				16	3P		
3/C #12 Teck			17	*				18			
Fan C521-EF	5.6kW	20A	19	*				20	20A	5.6kW	Fan C523-EF-3
VFD		3P	21	*				22	3P		VFD
3/C #10 Teck Plus 100% GRD			23	*				24			3/C#10 Teck Plus 100% GRD
Fan C580-EF	5.6kW	20	25	*				26	15A	5kW	Unit Heater C524-UH
VFD		3P	27	*				28	3P		
3/C #10 Teck Plus 100% GRD			29	*				30			3/C #12 Teck
Unit Heater C521-UH	10kW	15A	31	*				32	60A	2	Welding Receptacle
		3P	33	*				34			
3/C #10 Teck			35	*				36			3/C #6 Teck
Space			37	*				38	40A		Transformer C100-CP-A
			39	*				40	3P		
			41	*				42			3/C #6 Teck Cable

Voltage: 600V/3Ø/3 wire Feeder: 3/C #3/0 Teck
 Mains: 400A Main Breaker: N/A
 Location: Electrical Room Power Source: MCC 1C
 Mounting: Surface

PANEL SCHEDULE											
Soda Ash 120/208V Panel "CP-C"											
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION	
Soda Ash Eye Wash Booth	30A	40A	1	*				2	15A		Ultrasonic Level Transmitter
3/C # 8 Teck Cable		2P	3	*				4	40A	30A	Methanol Eye Wash Booth
Dust Collector Motorized Shaker	1/6HP	15A	5	*				6	2P		3/C # 8 Teck Cable (EXP)
Magnetic Flow Meter		15A	7	*				8	15A		Main Soda Ash Control Panel
Electric Actuated Ball Valve		15A	9	*				10	15A		Main Soda Ash Control Panel
Methanol Lighting	500	15A	11	*				12	15A	50W	HT-4 (GFI Breaker)
Spare		15A	13	*				14	15A	100W	HT-5 (GFI Breaker)
Spare		15A	15	*				16	15A	1kW	HT-6a (GFI Breaker)
Spare		15A	17	*				18	15A	1kW	HT-6b (GFI Breaker)
Spare		15A	19	*				20	15A	600W	HT-8 (GFI Breaker)
Spare		15A	21	*				22	15A	600W	HT-9 (GFI Breaker)
Space		15A	23	*				24			Space
Space			25	*				26			Space
Space			27	*				28			Space
Space			29	*				30			Space
Space			31	*				32			Space
Space			33	*				34			Space
Space			35	*				36			Space
Space			37	*				38			Space
Space			39	*				40			Space
Space			41	*				42			Space

Voltage: 120/208V/3Ø/4 Wire Feeder: 4/C # 2 Teck Cable
 Mains: 225A Main Breaker: N/A
 Location: Soda Ash Silo Power Source: Transformer C300 - CP-C
 Mounting: Surface In Weather-Proof Cabinet

PANEL SCHEDULE											
Exhaust Fan Room 120/208V Panel "CP-D"											
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION	
C952-P Eq. Sampling Pump	1.2kW	15A	1	*				2	15A		Spare
		2P	3	*				4	20A	.75kW	C960-S Sampling Fridge
Exhaust Fan Room Lites	600W	15A	5	*				6	15A	.37kW	C962-AC Sampling Comp.
Cond. Stack Heat Trace HT-1	400W	15A	7	*				8	15A		C962-AD Sampling Air Dryer
Cond. Exh. Bld. HT-1	200W	15A	9	*				10	15A	1	Exhaust Fan Room Recept
Dom. WaterExh. Bld. HT-3	100W	15A	11	*				12	15A	2	Exhaust Fan Room Recept
Temp. Water Soda Ash HT-4	100W	15A	13	*				14	15A	2	Exhaust Fan Room Recept
CV Water Line HT-5	100W	15A	15	*				16	15A		Silo Truck Unloading Panel
Soda Ash tank Heating HT-6	2kW	30A	17	*				18	15A		Silo Truck Unloading Panel
C540-MD1, C540-MD2		15A	19	*				20	15A		CCTV Camera CCTV-001
Roadway Lighting	900W	15A	21	*				22	15A		CCTV Camera CCTV-002
Tank Lighting	600W	15A	23	*				24	15A	500W	HT-1 (GFI Breaker)
Tank Lighting	600W	15A	25	*				26	15A	150W	HT-2 (GFI Breaker)
Exterior Lighting	200W	15A	27	*				28	15A	100W	HT-3 (GFI Breaker)
Exterior Lighting Controller		15A	29	*				30	15A	50W	HT-7 (GFI Breaker)
Exterior Receptacles	200W	15A	31	*				32	15A		Spare
Spare		15A	33	*				34	15A		Spare
Spare		15A	35	*				36	15A		Spare
O/H Door #2	0.5HP	15A	37	*				38	15A		Spare
		3P	39	*				40	15A		Spare
3/C #12 Teck		3P	41	*				42	15A		Spare

Voltage: 120/208V/3Ø/4 Wire Feeder: 4/C #2 Teck Cable
 Mains: 225A Main Breaker: N/A
 Location: Exhaust Fan Room Power Source: Transformer C400 - CP-D
 Mounting: Surface

PANEL SCHEDULE											
Blower Building 600V Panel "CDP-C200"											
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION	
Equiliz. Tank Pump C340-P	23.9kW	80A	1	*				2	15A	.75kW	Decanter C260
VFD		3P	3	*				4	3P		VFD
3/C #6 Teck Plus 100% GRD			5	*				6			3/C #12 Teck Plus 100% GRD
Blower Room Hoist	1.5kW	15A	7	*				8	15A	2kW	Weir Gate Actuator C020-WG
		3P	9	*				10	3P		
3/C # 12 Teck Cable			11	*				12			3/C #12 Teck
Controller Sump Pit C571T	2.6kW	15A	13	*				14	40A	12kW	Fan C560-SF
		3P	15	*				16	3P		
3/C#12 Teck			17	*				18			3/C #10 Teck
Fan C522-EF	5.6kW	20A	19	*				20	20A	5.6kW	Fan C524-EF
VFD		3P	21	*				22	3P		VFD
3/C #10 Teck Plus 100% GRD			23	*				24			3/C #10 Teck Plus 100% GRD
Spare		20A	25	*				26	15A		Spare
		3P	27	*				28	3P		