

CABLE SCHEDULE						
CABLE NUMBER	CABLE TYPE	CABLE ROUTING	ORIGIN	DESTINATION	DESCRIPTION	REMARKS
<b>POWER CABLES</b>						
P001	3/C # 3/0 Teck Cable (8kV)	Direct Burned PVC Duct Bank	Sec. Elec. Rm. SW. LB17	Transformer TC-1	8kV Teck Cable 100%	
P002	3/C # 3/0 Teck Cable (8kV)	Direct Burned PVC Duct Bank	Sec. Elec. Rm. Cable Tray	Transformer TC-2	8kV Teck Cable 100%	
P003	2000 Amp Bus Duct 600V	Support Structure	Transformer TC-1	CMD-1	Suitable for exterior installation	
P004	2000 Amp Bus Duct 600V	Support Structure	Transformer TC-2	CMD-2	Suitable for exterior installation	
P005	2-3/C # 250MCM Teck Cable	Cable Tray	CMD-1	MCC 1C	Teck Cable	
P006	2-3/C # 250MCM Teck Cable	Cable Tray	CMD-2	MCC 2C	Teck Cable	
P007	3/C #350MCM Teck Cable 100% GRD	Cable Tray	CMD-1	VFD Blower 1A	Inverter Rated Cable	
P007A	3/C #350MCM Teck Cable 100% GRD	Cable Tray	VFD Blower 1A	Blower 1A	Inverter Rated Cable	
P008	3/C #350MCM Teck Cable 100% GRD	Cable Tray	CMD-1	VFD Blower 1B	Inverter Rated Cable	
P008A	3/C #350MCM Teck Cable 100% GRD	Cable Tray	VFD Blower 1B	Blower 1A	Inverter Rated Cable	
P009	3/C #350MCM Teck Cable 100% GRD	Cable Tray	CMD-2	VFD Blower 2A	Inverter Rated Cable	
P009A	3/C #350MCM Teck Cable 100% GRD	Cable Tray	VFD Blower 2A	Blower 2A	Inverter Rated Cable	
P010	3/C #350MCM Teck Cable 100% GRD	Cable Tray	CMD-2	VFD Blower 2B	Inverter Rated Cable	
P010A	3/C #350MCM Teck Cable 100% GRD	Cable Tray	VFD Blower 2B	Blower 2B	Inverter Rated Cable	
P011	3/C # 3/0 Teck Cable	Cable Tray	MCC 1C	CDP - C100	Teck Cable	
P012	3/C # 250MCM Teck Cable	Cable Tray	MCC 2C	CDP - C200	Teck Cable	
P013	3/C # 350MCM Teck Cable	Cable Tray	MCC 1C	CDP - C400	Teck Cable	
P014	3/C # 2 Teck Cable	Cable Tray	CDP - C400	CDP - C300	Teck Cable	
P015	3/C # 6 Teck Cable	U-Channel Supports	CDP - C100	Transformer C100-CP-A	Teck Cable	
P016	3/C # 6 Teck Cable	U-Channel Supports	CDP - C200	Transformer C200-CP-B	Teck Cable	
P017	3/C # 6 Teck Cable	U-Channel Supports	CDP - C400	Transformer C400-CP-D	Teck Cable	
P018	3/C # 6 Teck Cable	U-Channel Supports	CDP - C400	Transformer C300-CP-C	Teck Cable	
P019	3/C # 6 Teck Cable	Cable Tray	CDP - C200	Transformer C200-CP-E	Teck Cable	
P020	3/C # 2 Teck Cable	Cable Tray	Transformer C100-CP-A	Panel CD-A	Teck Cable	
P021	3/C # 2 Teck Cable	Cable Tray	Transformer C200-CP-B	Panel CD-B	Teck Cable	
P022	3/C # 2 Teck Cable	Cable Tray	Transformer C400-CP-D	Panel CD-D	Teck Cable	
P023	3/C # 2 Teck Cable	Cable Tray	Transformer C300-CP-C	Panel CD-C	Teck Cable	
P024	3/C # 2 Teck Cable	Cable Tray	Transformer C200-CP-E	Panel CD-E	Teck Cable	
P025	3/C # 12 Teck Cable	Cable Tray	MCC 1C	Mixer 1A Disconnect	Teck Cable	
P026	3/C # 12 Teck Cable	Cable Tray	MCC 1C	Mixer 1B Disconnect	Teck Cable	
P027	3/C # 12 Teck Cable	Cable Tray	MCC 1C	Mixer 1C Disconnect	Teck Cable	
P028	3/C # 6 Teck Cable	Cable Tray	MCC 1C	WAS Pump 1 Disconnect	Teck Cable	
P029	3/C # 12 Teck Cable	Cable Tray	MCC 1C	Methanol Pump 1 Disconnect	Teck Cable	
P030	3/C # 12 Teck Cable	Cable Tray	MCC 2C	Mixer 2A Disconnect	Teck Cable	
P031	3/C # 12 Teck Cable	Cable Tray	MCC 2C	Mixer 2B Disconnect	Teck Cable	
P032	3/C # 12 Teck Cable	Cable Tray	MCC 2C	Mixer 2C Disconnect	Teck Cable	
P033	3/C # 6 Teck Cable	Cable Tray	MCC 2C	WAS Pump 1 Disconnect	Teck Cable	
P034	3/C # 12 Teck Cable	Cable Tray	MCC 2C	Methanol Pump 2 Disconnect	Teck Cable	
P035	3/C # 12 Teck Cable	Cable Tray	MCC 1C	Equalization tank Mixer 1	Teck Cable	
P036	3/C # 12 Teck Cable	Cable Tray	MCC 1C	Equalization tank Mixer 2	Teck Cable	
P037	3/C # 10 Teck Cable 100% GRD	Cable Tray	CDP - C100	VFD Blower Rm. Exh. C521-EF	Inverter Rated Cable	
P037A	3/C # 10 Teck Cable 100% GRD	Cable Tray	VFD Blower Rm. Exh. C521-EF	Exhaust Fan C521-EF	Inverter Rated Cable	
P038	3/C # 10 Teck Cable 100% GRD	Cable Tray	CDP - C200	VFD Blower Rm. Exh. C522-EF	Inverter Rated Cable	
P038A	3/C # 10 Teck Cable 100% GRD	Cable Tray	VFD Blower Rm. Exh. C522-EF	Exhaust Fan C522-EF	Inverter Rated Cable	
P039	3/C # 10 Teck Cable 100% GRD	Cable Tray	CDP - C100	VFD Blower Rm. Exh. C523-EF	Inverter Rated Cable	
P039A	3/C # 10 Teck Cable 100% GRD	Cable Tray	VFD Blower Rm. Exh. C523-EF	Exhaust Fan C523-EF	Inverter Rated Cable	
P040	3/C # 10 Teck Cable 100% GRD	Cable Tray	CDP - C100	VFD Blower Rm. Exh. C524-EF	Inverter Rated Cable	
P040A	3/C # 10 Teck Cable 100% GRD	Cable Tray	VFD Blower Rm. Exh. C524-EF	Exhaust Fan C524-EF	Inverter Rated Cable	
P041	3/C # 10 Teck Cable 100% GRD	Cable Tray	CDP - C100	VFD Blower Rm. Exh. C580-EF	Inverter Rated Cable	
P041A	3/C # 10 Teck Cable 100% GRD	Cable Tray	VFD Blower Rm. Exh. C580-EF	Exhaust Fan C580-EF	Inverter Rated Cable	
P042	3/C # 10 Teck Cable 100% GRD	Cable Tray	CDP - C400	VFD Blower Rm. Exh. C528-EF	Inverter Rated Cable	
P042A	3/C # 10 Teck Cable 100% GRD	Cable Tray	VFD Blower Rm. Exh. C528-EF	Exhaust Fan C528-EF	Inverter Rated Cable	
P043	2/C # 12 Teck Cable	Cable Tray	CP-A	Sample Room Vent C530	Teck Cable	
P044	3/C # 12 Teck Cable	Cable Tray	CP-A	Sample Room HVAC C552-CU	Teck Cable	
P045	3/C # 12 Teck Cable	Cable Tray	CDP-C100	Unit Heater C521-UH	Teck Cable	
P046	3/C # 12 Teck Cable	Cable Tray	CDP-C200	Unit Heater C522-UH	Teck Cable	
P047	3/C # 12 Teck Cable	Cable Tray	CDP-C200	Unit Heater C523-UH	Teck Cable	
P048	3/C # 12 Teck Cable	Cable Tray	CDP-C100	Unit Heater C524-UH	Teck Cable	
P049	3/C # 12 Teck Cable	Cable Tray	CDP-C400	Unit Heater C525-UH	Teck Cable	
P050	3/C # 12 Teck Cable	Cable Tray	CDP-C400	Unit Heater C526-UH	Teck Cable	
P051	3/C # 6 Teck Cable	Cable Tray	CP-A	Supply Fan C550-SF	Teck Cable	
P052	3/C #10 Teck Cable	Cable Tray	CDP-200	Supply Fan C560-SF	Teck Cable	
P053	3/C # 6 Teck Cable 100% GRD	Cable Tray	CDP-100	VFD Equil. Pump C330-P	Inverter Rated Cable	
P053A	3/C # 6 Teck Cable 100% GRD	Cable Tray	VFD Equil. Pump C330-P	Equalization Pump C330-P	Inverter Rated Cable	
P054	3/C # 6 Teck Cable 100% GRD	Cable Tray	CDP-200	VFD Equil. Pump C340-P	Inverter Rated Cable	
P054A	3/C # 6 Teck Cable 100% GRD	Cable Tray	VFD Equil. Pump C340-P	Equalization Pump C340-P	Inverter Rated Cable	
P055	2/C # 12 Teck Cable	Cable Tray	CP-D	Equalization Sampling Pump	Teck Cable	
P056	4/C # 12 Teck Cable	Cable Tray	CP-D	Sampling Equipment	Teck Cable	
P057	3/C # 12 Teck Cable 100% GRD	Cable Tray	CDP-100	VFD Decanter C160	Teck Cable	
P057A	3/C # 12 Teck Cable 100% GRD	Cable Tray	Decanter C160	VFD Decanter C160	Inverter Rated Cable	
P058	3/C # 12 Teck Cable 100% GRD	Cable Tray	CDP-200	VFD Decanter C260	Teck Cable	
P058A	3/C # 12 Teck Cable 100% GRD	Cable Tray	Decanter C260	VFD Decanter C260	Inverter Rated Cable	
P059	3/C # 6 Teck Cable 100% GRD	Cable Tray	CDP-C400	VFD Process Exh. Fan C510-EF	Inverter Rated Cable	
P059A	3/C # 6 Teck Cable 100% GRD	Cable Tray	VFD Process Exh. Fan C510-EF	Process Exhaust Fan C510-EF	Inverter Rated Cable	
P060	3/C # 4 Teck Cable 100% GRD	Cable Tray	CDP-400	VFD Soda Ash Blower C450-AB	Inverter Rated Cable	
P060A	3/C # 4 Teck Cable 100% GRD	Cable Tray	VFD Soda Ash Blower C450-AB	Soda Ash Blower C450-AB	Inverter Rated Cable	
P061	3/C # 12 Teck Cable	Cable Tray	CDP-C100	Weir Gate SBP 1 C010	Teck Cable	
P062	3/C # 12 Teck Cable	Cable Tray	CDP-C200	Weir Gate SBP 2 C020	Teck Cable	
P063	3/C # 12 Teck Cable	Cable Tray	CDP-100	Sump Pit C570-T Controller	Teck Cable	
P064	3/C # 12 Teck Cable	Cable Tray	CDP-200	Sump Pit C571-T Controller	Teck Cable	
P065	2/C # 12 Teck Cable	Cable Tray	CP-A	Sampling Pump C190-P	Teck Cable	
P066	2/C # 12 Teck Cable	Cable Tray	CP-B	Sampling Pump C290-P	Teck Cable	
P067	2/C # 10 Teck Cable	Cable Tray	CP-A	Chemical Analyzer C040	Teck Cable	
P068	2/C # 10 Teck Cable	Cable Tray	CP-A	Chemical Analyzer Comp. C040	Teck Cable	

MOTOR/EQUIPMENT SCHEDULE																			
EQUIP. NO.	DESCRIPTION	EQUIP. L/OAD	VPH	MCC	SIZE	TYPE	MAN.	MAG.	S/S	PL	HOA	OVERCURRENT	LOCATION		REMARKS				
													PANEL	CCT.					
C521-EF	Blower Room Exhaust Fan	5.6 kW	600/3		20A	3P								Blower Bldg Upper Level	CDP-C100	19.2.23	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C522-EF	Blower Room Exhaust Fan	5.6 kW	600/3		20A	3P								Blower Bldg Upper Level	CDP-C200	19.2.23	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C523-EF	Blower Room Exhaust Fan	5.6 kW	600/3		20A	3P								Blower Bldg Upper Level	CDP-C100	20.22.24	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C524-EF	Blower Room Exhaust Fan	5.6 kW	600/3		20A	3P								Blower Bldg Upper Level	CDP-C200	20.22.24	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C525-EF	Blower Room Exhaust Fan	5.6 kW	600/3		20A	3P								Blower Bldg Upper Level	CDP-C100	25.27.28	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C526-EF	Blower Room Exhaust Fan	5.6 kW	600/3		20A	3P								Blower Bldg Upper Level	CDP-C200	7.9.11	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C530-EF	Sampling Room Roof Ventilation	0.19 kW	120/1		15A	1P								Sampling Room Roof Plan	CP-A	1	2/C#12 Teck	Div 16	Section 1594(VFD) - 15
C532-CU	Sampling Room Roof HVAC	3.2 kW	208/1		30A	2P								Roof Level HVAC Plan	CP-A	2.4	2/C#12 Teck	Div 16	Section 1594(VFD) - 15
C521-UH	Blower Room Overhead Door Unit Heater	12 kW	600/3		15A	3P								Blower Building HVAC Plan	CDP-C100	31.33.35	3/C#12 Teck	Div 16	
C522-UH	Blower Room Unit Heater	3 kW	600/3		15A	3P								Blower Building HVAC Plan	CDP-C200	31.33.35	3/C#12 Teck	Div 16	
C523-UH	Sampling Room Unit Heater	3 kW	600/3		15A	3P								Sampling Room Lower Level	CDP-C200	31.33.35	3/C#12 Teck	Div 16	
C524-UH	Electrical Room Unit Heater	5 kW	600/3		15A	3P								Control Room Lower Level	CDP-C100	26.28.32	3/C#12 Teck	Div 16	
C525-UH	Exhaust Fan Room Unit Heater	3 kW	600/3		15A	3P								HVAC Lower Level	CDP-C400	8.10.12	3/C#12 Teck	Div 16	
C526-UH	Exhaust Fan Room Unit Heater	3 kW	600/3		15A	3P								HVAC Lower Level	CDP-C400	8.10.12	3/C#12 Teck	Div 16	
C550-SF	Supply Fan-single point connection	4.8kW/5kW	208/1		15A	2P								Control Room	CP-A	3.5	3/C#6 Teck	Div 16	Section 1594(VFD) - 15
C560-SF	Supply Fan	11.2 kW	600/3		40A	3P								Electrical Room Roof	CDP-C200	14.16.18	3/C#10 Teck	Div 16	Section 1594(VFD) - 15
C410-AB	Blower 1A	186 kW	600/3		500A	3P								Blower Building	Main-Dist	3/C #350 Teck	Div 16	VFD - 11	
C420-AB	Blower 1B	186 kW	600/3		500A	3P								Blower Building	Main-Dist	3/C #350 Teck	Div 16	VFD - 11	
C430-AB	Blower 2A	186 kW	600/3		500A	3P								Blower Building	Main-Dist	3/C #350 Teck	Div 16	VFD - 11	
C440-AB	Blower 2B	186 kW	600/3		500A	3P								Blower Building	Main-Dist	3/C #350 Teck	Div 16	VFD - 11	
C330-P	Equalization Pump	23.9 kW	600/3		80A	3P								Equalization Tank	CDP-C100	13.5	3/C#6 Teck	Div 16	VFD - 11
C340-P	Equalization Pump	23.9 kW	600/3		80A	3P								Equalization Tank	CDP-C200	13.5	3/C#6 Teck	Div 16	VFD - 11
C160	Decanter	0.75 kW	600/3		15A	3P								SBR 1	CDP-C100	2.4,6	3/C#12 Teck	Div 16	VFD - VP
C260	Decanter	0.75 kW	600/3		15A	3P								SBR 2	CDP-C200	2.4,6	3/C#12 Teck	Div 16	VFD - VP
C510-EF	Process Exhaust Fan	11.1 kW	600/3		30A	3P								Exhaust Fan Room	CDP-C400	13.5	3/C#10 Teck	Div 16	VFD - 11
C450-AB	Soda Ash Blower	37.3 kW	600/3		100A	3P								Exhaust Fan Room	CDP-C400	2.4,6	3/C #4 Teck	Div 16	VFD - VP
C522-P	Sampling Pump	1.2 kW	208/1		15A	2P								Exhaust Fan Room	CP-D	1.3	3/C#12 Teck	Div 16	
C560	Sampling Refrigerator	0.37 kW	120/1		15A	1P								Exhaust Fan Room	CP-D	2	3/C#12 Teck	Div 16	Receptacle
C560-S	Sampler		120/1		15A	1P								Exhaust Fan Room	CP-D	4	3/C#12 Teck	Div 16	Receptacle
C562-AC	Sampler Air Compressor																		