

CABLE NUMBER	CABLE TYPE	CABLE ROUTING	ORIGIN	DESTINATION	DESCRIPTION	REMARKS
POWER CABLES						
P001	3/C #350MCM Teck Cable (8kV)	Direct Buried PVC Duct Bank	Sec. Elec. Rm. SV. LB117	Transformer CT-1	8kV Teck Cable 100%	
P002	3/C #250MCM Teck Cable (8kV)	Direct Buried PVC Duct Bank	Sec. Elec. Rm. Cable Tray	Transformer CT-2	8kV Teck Cable 100%	
P003	2000 Amp Bus Duct 600V	Support Structure	Transformer CT-1	CMD-1	Suitable for exterior installation	
P004	2000 Amp Bus Duct 600V	Support Structure	Transformer CT-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	DCP - 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	4/C # 2 Teck Cable	Cable Tray	Transformer C100-CP-A	Panel CP-A	Teck Cable	
P021	4/C # 2 Teck Cable	Cable Tray	Transformer C200-CP-B	Panel CP-B	Teck Cable	
P022	4/C # 2 Teck Cable	Cable Tray	Transformer C400-CP-D	Panel CP-D	Teck Cable	
P023	4/C # 2 Teck Cable	Cable Tray	Transformer C300-CP-C	Panel CP-C	Teck Cable	
P024	4/C # 2 Teck Cable	Cable Tray	Transformer C200-CP-E	Panel CP-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 2 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 2C	Equalization tank Mixer 2	Teck Cable	
P037	3/C # 10 Teck Cable 100% GRD	Cable Tray	ADP - 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 - C200	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	VFD-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	VFD Decanter C160	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	VFD Decanter C260	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	Soda Ash Blower C450-AB	Teck Cable	
P061	3/C # 12 Teck Cable	Cable Tray	CDP-C100	Weir Gate SBP C010	Teck Cable	
P062	3/C # 12 Teck Cable	Cable Tray	CDP-C200	Weir Gate SBP 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. LOAD	V/FH	MCC	SIZE	TYPE	MAN.	MAG.	S/S	PL	HOA	OVERCURRENT	LOCATION	PANEL	CC	POWER			
																FEEDER	C/P	DISC.	INTERLOCK
C521-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	19.21.22	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C522-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	19.21.22	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C523-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	20.22.24	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C524-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	20.22.24	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C525-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	25.27.28	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C526-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	25.27.28	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C527-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	7.9.11	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C528-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	7.9.11	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C529-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	31.33.35	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C530-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	31.33.35	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C531-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	31.33.35	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C532-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	31.33.35	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C533-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	31.33.35	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C534-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	31.33.35	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C535-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C100	8.10.12	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C536-EF	Blower Room Exhaust Fan	5.8 kW	600/3		20A	3P							Blower Bldg Upper Level	CDP-C200	8.10.12	3/C#12	Teck	Dv.16	Section 1594/VP - 15
C550-SF	Supply Fan-single point connection	4.8kW/5.0kW	208/1		15A	3P							Control Room	CP-A	3.5	3/C#6	Teck	Dv.16	Section 1594/VP - 15
C560-SF	Supply Fan	11.2 kW	600/3		40A	3P							Electrical Room Roof	CDP-C200	14.16.18	3/C#10	Teck	Dv.16	Section 1594/VP - 15
C410-AB	Blower 1A	186 kW	600/3		500A	3P							Blower Building	Main-Dist		3/C #350	Teck	Dv.16	VP - 11
C420-AB	Blower 1B	186 kW	600/3		500A	3P							Blower Building	Main-Dist		3/C #350	Teck	Dv.16	VP - 11
C430-AB	Blower 2A	186 kW	600/3		500A	3P							Blower Building	Main-Dist		3/C #350	Teck	Dv.16	VP - 11
C440-AB	Blower 2B	186 kW	600/3		500A	3P							Blower Building	Main-Dist		3/C #350	Teck	Dv.16	VP - 11
C330-P	Equalization Pump	23.9 kW	600/3		30A	3P							Equalization Tank	CDP-C100	13.5	3/C#6	Teck	Dv.16	VP - 11
C340-P	Equalization Pump	23.9 kW	600/3		30A	3P							Equalization Tank	CDP-C200	13.5	3/C#6	Teck	Dv.16	VP - 11
C160	Decanter	0.75 kW	600/3		15A	3P							Decanter	CDP-C100	2.4	3/C#12	Teck	Dv.16	VP - 11
C260	Decanter	0.75 kW	600/3		15A	3P							Decanter	CDP-C200	2.4	3/C#12	Teck	Dv.16	VP - 11
C510-EF	Process Exhaust Fan	11.1 kW	600/3		30A	3P							Exhaust Fan Room	CDP-C400	13.5	3/C#10	Teck	Dv.16	VP - 11
C450-AB	Soda Ash Blower	37.3 kW	600/3		125A	3P							Exhaust Fan Room	CDP-C400	2.4	3/C #4	Teck	Dv.16	VP
C562-P	Sampling Pump	1.3 kW	208/1	</															