

CONDUIT AND WIRE SCHEDULE

CONDUIT NO	CONDUIT SIZE	CONDUCTOR	FROM	DESTINATION	TO	REMARKS
P101	2"	4/2/0, 1#8 GND	JUNCTION BOX (EXISTING CONDUCTORS)	MAIN DISTRIBUTION PANEL MDP-88	TRANSFERMER 1-BB	
P102	2"	3/4, 1#8 GND	TRANSFERMER 1-BB	EXISTING OVERHEAD DOOR OPERATOR	MDP-88 CKT #1	
P103	3/4"	4/1/0, 1#8 GND	TRANSFERMER 1-BB	EXISTING OVERHEAD DOOR OPERATOR	MDP-88 CKT #2	
P104	3/4"	3/4, 1#8 GND	TRANSFERMER 1-BB	EXISTING OVERHEAD DOOR OPERATOR	MDP-88 CKT #3	
P105	3/4"	3/4, 1#8 GND	TRANSFERMER 1-BB	EXISTING OVERHEAD DOOR OPERATOR	MDP-88 CKT #4	
P106	1/2"	2#12, 1#12 GND	MDP-88 CKT #5	EXISTING 277V LIGHTING CKT	FT-727A	
P107	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P108	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P109	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P110	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P111	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P112	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P113	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	RELOCATED TRUCK SCALE	FT-727B	
P114	3/4"	2#10, 1#10 GND	PANEL BOARD LP-88 CKT #21	CIRCULATING PUMP CP-2	FT-727C	
P115	3/4"	2#10, 1#10 GND	DECHLORINATION CONTROL PANEL (OCP)	STROBE LIGHT	FT-727D	
P116	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	ALARM HORN	FT-727E	
P117	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	FT-727F	
P118	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	FT-727F	
P119	1/2"	2#12, 1#12 GND	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	FT-727F	

CONDUIT AND WIRE SCHEDULE

CONDUIT NO	CONDUIT SIZE	CONDUCTOR	FROM	DESTINATION	TO	REMARKS
C101	3/4"	8#14	SODIUM BISULFITE FEED PUMP DEC-1	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C102	3/4"	8#14	SODIUM BISULFITE FEED PUMP DEC-2	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C103	3/4"	8#14	SODIUM BISULFITE FEED PUMP DEC-3	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C104	3/4"	8#14	SODIUM BISULFITE FEED PUMP DEC-4	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C105	3/4"	8#14	SODIUM BISULFITE FEED PUMP DEC-5	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C106	3/4"	8#14	SODIUM BISULFITE FEED PUMP DEC-6	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C107	NOT USED					
C108	NOT USED					
C109	NOT USED					
C110	NOT USED					
C111	NOT USED					
C112	NOT USED					
C113	1/2"	2#14	FS-728A	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C114	1/2"	2#14	FS-728A	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C115	3/4"	10#14	FS-728A (ZIC-728)	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C116	NOT USED					
C117	1/2"	2#14	FS-720B	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C118	1/2"	2#14	STROBE LIGHT	BISULFITE FILL PANEL (BFP)	BISULFITE FILL PANEL (BFP)	
C119	NOT USED					
C120	1/2"	2#14	ALARM HORN	BISULFITE FILL PANEL (BFP)	BISULFITE FILL PANEL (BFP)	
C121	1/2"	2#14	BISULFITE FILL PANEL (BFP)	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
C122	3/4"	16#14				

S101	3/4"	(2) 20#16 TWS	SODIUM BISULFITE FEED PUMP DEC-1	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S102	3/4"	(2) 20#16 TWS	SODIUM BISULFITE FEED PUMP DEC-2	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S103	3/4"	(2) 20#16 TWS	SODIUM BISULFITE FEED PUMP DEC-3	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S104	3/4"	(2) 20#16 TWS	SODIUM BISULFITE FEED PUMP DEC-4	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S105	3/4"	(2) 20#16 TWS	SODIUM BISULFITE FEED PUMP DEC-5	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S106	3/4"	(2) 20#16 TWS	SODIUM BISULFITE FEED PUMP DEC-6	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S107	NOT USED					
S108	NOT USED					
S109	3/4"	20#16 TWS	FT-727A	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S110	3/4"	20#16 TWS	FT-727B	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S111	3/4"	20#16 TWS	TE/MT-720A	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S112	3/4"	CABLE(S) FIVE	LE-720B	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S113	3/4"	20#16 TWS	LE-720A	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S114	3/4"	20#16 TWS	UT-720B	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S115	3/4"	20#16 TWS	UT-720B	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S116	3/4"	20#16 TWS	FT-727C	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S117	3/4"	20#16 TWS	FT-727D	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S118	3/4"	20#16 TWS	FT-727E	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	
S119	3/4"	20#16 TWS	FT-727F	DECHLORINATION CONTROL PANEL (OCP)	DECHLORINATION CONTROL PANEL (OCP)	

1. FOR LEGEND AND GENERAL NOTES, REFER TO DRAWING E-1.
 2. ALL MOTOR FEEDER WIRING ORIGINATING FROM VARIABLE FREQUENCY DRIVE (VFD) PANELS SHALL BE INSTALLED IN RIGID GALVANIZED STEEL (RGS) CONDUIT OR PVC-COATED RIGID STEEL CONDUIT, IN ACCORDANCE WITH THE NEMA CLASSIFICATIONS INDICATED ON DRAWING E-1.
 3. ALL INSTRUMENTATION SIGNAL CABLES (IN CONDUITS WITH 3" NUMBERS) SHALL BE INSTALLED IN RIGID GALVANIZED STEEL CONDUIT, IN ACCORDANCE WITH THE NEMA CLASSIFICATIONS INDICATED ON DRAWING E-1. REFER TO SPECIFICATION SECTION 16050 FOR FURTHER INFORMATION.