FROM LINE XX (24V+)

LINE NO.

(24v -)

SIEMENS DQ 16x240VDC/0.5A SLOT: 16

1100		
1101	(1) IN 0	SODIUM HYDROXIDE PUMP #1 START/STOP
1102		
1103	(2) IN 1	SODIUM HYDROXIDE PUMP #2 START/STOP
1104		
1105	(3) IN 2	LC-2B BUILDING LIGHTING ON/OFF
1106		
1107	(4) IN 3	LC-2B SITE LIGHTING ON/OFF
1108		
1109	(5) IN 4	SPARE
1110		
1111	(6) IN 5	METERING PUMP START/STOP (23-MP-1A)
1112		
1113	(7) IN 6	METERING PUMP START/STOP (23-MP-1B)
1114		
1115	(8) IN 7	METERING PUMP START/STOP (23-MP-2A) (FUTURE)
1116		
1117	(9)	
1118	(10)	
1119	(11) IN 8	METERING PUMP START/STOP (23-MP-2B) (FUTURE)
1120		
1121	(12) IN 9	METERING PUMP START/STOP (24-MP-1A)
1122		
1123	(2) IN10	METERING PUMP START/STOP (24-MP-1B)
1124		
1125	(14) IN11	METERING PUMP START/STOP (24-MP-2A)
1126		
1127	(15) IN12	METERING PUMP START/STOP (24-MP-2B)
1128		
1129	(16) IN2	METERING PUMP START/STOP (24-MP-3A) (FUTURE)
1130		
1131	(17) IN14	METERING PUMP START/STOP (24-MP-3B) (FUTURE)
1132		
1133	(18) IN15	METERING PUMP START/STOP (24-MP-4A)
1134		
1135	(19)	
1136	(20)	

24V +

24V -

FROM LINE XX (24V+)

LINE NO.

(24v -)

SIEMENS DQ 16x240VDC/0.5A SLOT: 17

1140		
1141	(1) IN 0	METERING PUMP START/STOP (24-MP-4B)
1142		
1143	(2) IN 1	METERING PUMP START/STOP (24-MP-5A) (FUTURE)
1144		
1145	(3) IN 2	METERING PUMP START/STOP (24-MP-5B) (FUTURE)
1146		
1147	(4) IN 3	METERING PUMP START/STOP (25-MP-1A) (FUTURE)
1148		
1149	(5) IN 4	METERING PUMP START/STOP (25-MP-1B)
1150		
1151	(6) IN 5	METERING PUMP START/STOP (25-MP-1C)
1152		
1153	(7) IN 6	METERING PUMP START/STOP (25-MP-2A)
1154		
1155	(8) IN 7	METERING PUMP START/STOP (25-MP-2B)
1156		
1157	(9)	
1158	(10)	
1159	(11) IN 8	METERING PUMP START/STOP (25-MP-3A) (FUTURE)
1160		
1161	(12) IN 9	METERING PUMP START/STOP (25-MP-3B) (FUTURE)
1162		
1163	(2) IN10	METERING PUMP START/STOP (26-MP-1A)
1164		
1165	(14) IN11	METERING PUMP START/STOP (26-MP-1B)
1166		
1167	(15) IN12	METERING PUMP START/STOP (27-MP-1A)
1168		
1169	(16) IN2	METERING PUMP START/STOP (27-MP-1B)
1170		
1171	(17) IN14	METERING PUMP START/STOP (28-MP-1A)
1172		
1173	(18) IN15	METERING PUMP START/STOP (28-MP-1B)
1174		
1175	(19)	
1176	(20)	

24V +

24V -

FROM LINE XX (24V+)

LINE NO.

(24v -)

SIEMENS DQ 16x240VDC/0.5A SLOT: 18

1180		
1181	(1) IN 0	METERING PUMP START/STOP (28-MP-2A) (FUTURE)
1182		
1183	(2) IN 1	METERING PUMP START/STOP (28-MP-2B) (FUTURE)
1184		
1185	(3) IN 2	METERING PUMP START/STOP (29-MP-1A)
1186		
1187	(4) IN 3	METERING PUMP START/STOP (29-MP-1B)
1188		
1189	(5) IN 4	SPARE
1190		
1191	(6) IN 5	SPARE
1192		
1193	(7) IN 6	SPARE
1194		
1195	(8) IN 7	SPARE
1196		
1197	(9)	
1198	(10)	
1199	(11) IN 8	SPARE
1200		
1201	(12) IN 9	SPARE
1202		
1203	(2) IN10	SPARE
1204		
1205	(14) IN11	SPARE
1206		
1207	(15) IN12	SPARE
1208		
1209	(16) IN2	SPARE
1210		
1211	(17) IN14	SPARE
1212		
1213	(18) IN15	SPARE
1214		
1215	(19)	
1216	(20)	

24V +

24V -

TETRA TECH

www.tetratech.com

101 QUALITY CIRCLE, SUITE 140
HUNTSVILLE, ALABAMA 35806
PHONE: (256) 424-4077 FAX: (256) 424-4097

BID SET

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 21936 PROFESSIONAL ENGINEER ANDREW BUMGARDNER

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT

CONTROL PANEL WTP-RCP-5

Project No.:	200-11740-10003
Designed By:	CSW
Drawn By:	CSW
Checked By:	DAB

I-8020

Bar Measures 1 inch

10/20/2014 1:08:34 PM P:\IER\11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP-I-8015 CONTROL PANEL WTP RCP-5.DWG EVANS, JON