FROM LINE XX (24V+)

LINE NO.

(24V -)

SIEMENS
IM 155-5 PN ST

100		a	c
101		0	0
102		1	1
103		2	2
104		3	3
105		4	4
106		5	5
107		6	6
108		7	7
109			
110			
111			
112		0	0
113		1	1
114		2	2
115		3	3
116		4	4
117		5	5
118		6	6
119		7	7
120		P	P
121		b	d
122			
123			
124			
125			
126			
127			
128			
129			
130			
131			
132			
133			
134			
135			
136			

24V +

24V -

FROM LINE XX (24V+)

LINE NO.

SIEMENS
DI 16x24VDC HF
SLOT: 02

140			
141	1	IN 0	DISINFECTION CONTACT BASIN LOW LEVEL (40-LSL-1)
142			
143	2	IN 1	SAMPLE PUMP (40-P-1A) RUNNING
144			
145	3	IN 2	SAMPLE PUMP (40-P-1A) FAULT
146			
147	4	IN 3	SAMPLE PUMPS (40-P-1A/B) IN-REMOTE
148			
149	5	IN 4	SAMPLE PUMP (40-P-1B) RUNNING
150			
151	6	IN 5	SAMPLE PUMP (40-P-1B) FAULT
152			
153	7	IN 6	SPARE
154			
155	8	IN 7	FINISHED WATER PUMP #1 RUNNING
156			
157	11	IN 8	FINISHED WATER PUMP #1 FAULT
158			
159	12	IN 9	FINISHED WATER PUMP #1 IN-REMOTE
160			
161	2	IN10	FINISHED WATER PUMP #2 RUNNING
162			
163	14	IN11	FINISHED WATER PUMP #2 FAULT
164			
165	15	IN12	FINISHED WATER PUMP #2 IN-REMOTE
166			
167	16	IN2	FINISHED WATER PUMP #3 RUNNING
168			
169	17	IN14	FINISHED WATER PUMP #3 FAULT
170			
171	18	IN15	FINISHED WATER PUMP #3 IN-REMOTE
172			
173	19		
174	20		
175			
176			

24V +

24V -

FROM LINE XX (24V+)

LINE NO.

SIEMENS
DI 16x24VDC HF
SLOT: 03

180			
181	1	IN 0	BACKWASH PUMP #1 RUNNING
182			
183	2	IN 1	BACKWASH PUMP #1 FAULT
184			
185	3	IN 2	BACKWASH PUMP #1 IN-REMOTE
186			
187	4	IN 3	SPARE
188			
189	5	IN 4	SPARE
190			
191	6	IN 5	SPARE
192			
193	7	IN 6	SPARE
194			
195	8	IN 7	SPARE
196			
197	11	IN 8	WTP-RCP-1 UPS DISCONNECTED
198			
199	12	IN 9	WTP-RCP-1 POWER ON
200			
201	2	IN10	WTP-RCP-1 UPS FAULT
202			
203	14	IN11	PUMP CHAMBER FINISHED WATER BASIN LOW LEVEL (42-LSL-1)
204			
205	15	IN12	SPARE
206			
207	16	IN2	SPARE
208			
209	17	IN14	SPARE
210			
211	18	IN15	SPARE
212			
213	19		
214	20		
215			
216			

CR-416

WTP-RCP-4

CR 115

42-LSL-1

CR 416

FWP#1 FWP#3

FWP#2 BWP#1

24V +

24V -

(24V -)

FINISHED WATER BASIN LOW LEVEL (42-LSL-1)

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
No. 21938
PROFESSIONAL ENGINEER
TIMOTHY ANDREW CALZARETTA

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT

CONTROL PANEL WTP-RCP-1

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

I-8004

Copyright: Tetra Tech

Bar Measures 1 inch

10/17/2014 10:34:45 AM P:\IER\11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP I-8004 CONTROL PANEL WTP-RCP-1.DWG - CALZARETTA, TIMOTHY