

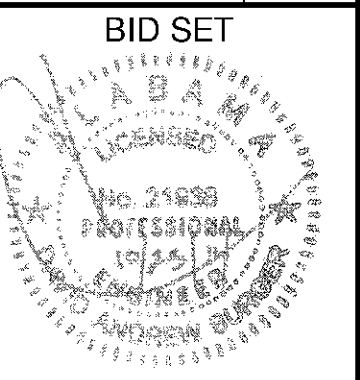
**PP-A3 ONE-LINE**  
SCALE: N/A

FROM MCC-A1 (9)  
SHEET E-4604

LP-A3			PANEL SCHEDULE				PROJECT:		SOUTH EAST WTP			
120/208V, 3Ph, 4W,		225A BUS		100A M.C.B.		SURFACE MOUNTED		9-Oct-14				
CKT NO	DESCRIPTION/ LOCATION	LOAD (VA)	LOAD TYPE	CB AMP	CB POLE	PHASE	CB AMP	CB POLE	LOAD (VA)	LOAD TYPE	DESCRIPTION/ LOCATION	CKT NO
1	LIGHTING	512	L	20	1	a	20	1	200	L	LIGHTING: EMERGENCY	2
3	LIGHTING	512	L	20	1	b	20	1			SPARE	4
5	LIGHTING	512	L	20	1	c	20	1	1,500	R	GC1	6
7	LIGHTING	512	L	20	1	a	20	1	1,500	G	GC2	8
9	SECURITY PANEL	750	G	20	1	b	20	1	1,500	G	GC3	10
11	RECEPTACLES	1,050	G	20	1	c	20	1	1,500	G	GC4	12
13	WTP-AC3	240	C	20	1	a	20	1	300	G	30-AIT-5 TURBIDITY	14
15	WTP-ACDS	240	C	20	1	b	20	1	300	G	30-LIT-1	16
17	HTS-19 HEAT TRACE	200	G	20	1	c	20	1	600	G	WTP-PP-3A	18
19	GFCI	-	-	-	-	a	20	1	600	G	WTP-PP-3B	20
21						b	20	1	100	G	BACKWASH CONTROL VALVE	22
23						c						24
25						a						26
27						b						28
29						c						30
31						a						32
33						b						34
35						c						36
37						a						38
39						b						40
41						c						42
TOT CONN LOAD	Ph A	3,864 VA		32 A								
TOT CONN LOAD	Ph B	3,402 VA		28 A							10,000 A RMS AVAILABLE FAULT DUTY	
TOT CONN LOAD	Ph C	5,362 VA		45 A								
TOT CONN LOAD	Ph C	5,362 VA										
TOTAL CONNECTED LOAD (3 X MAX)		16.1 KVA		44.7 AMPS					TOTAL DEMAND LOAD	13.3 KVA	37.0 AMPS	

**LP-A3 PANEL SCHEDULE**  
SCALE: N/A

+ PROVIDE GFCI BREAKER



BID SET

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES  
SOUTHEAST WATER TREATMENT PLANT  
LOW VOLTAGE ONE-LINE

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

**E-3601**