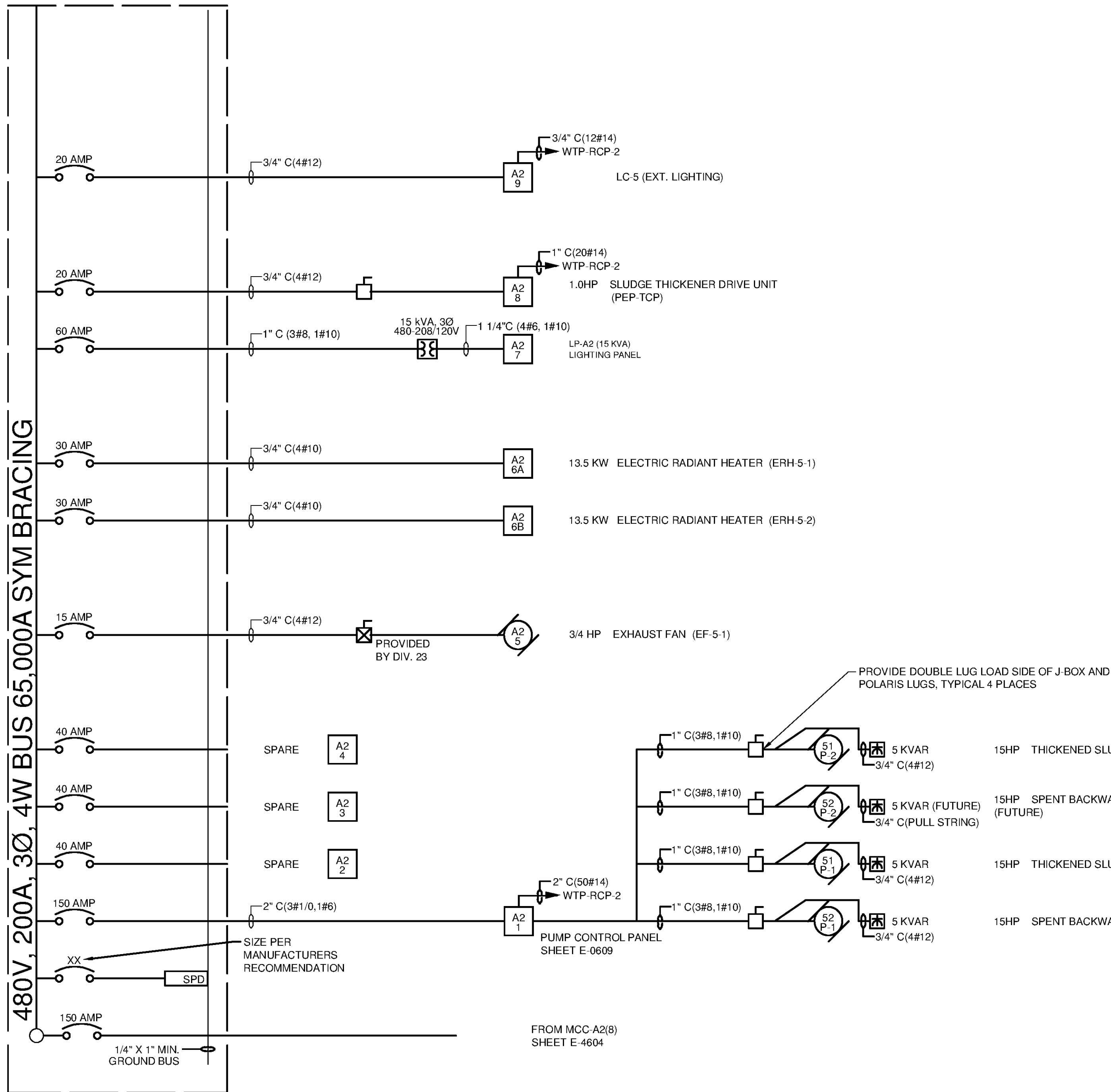


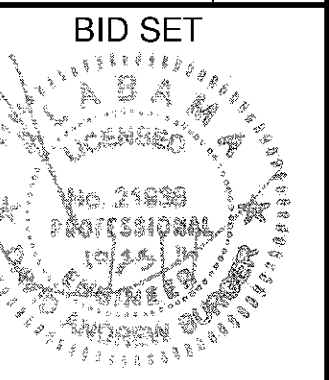
10/17/2014 11:01:02 AM - P:\IER11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP-E-5601-LOW VOLTAGE ONE-LINE.DWG - CALZARETTA, TIMOTHY



LP-A2		PANEL SCHEDULE						PROJECT: SOUTH EAST WTP		3-Oct-14	
CKT NO	DESCRIPTION/ LOCATION	120/208V, 3Ph, 4W		200A BUS		100A M.C.B.		SURFACE MOUNTED		DESCRIPTION/ LOCATION	CKT NO
		LOAD (VA)	LOAD TYPE	CB AMP	CB POLE	PHASE	CB AMP	CB POLE	LOAD (VA)		
1	INTERIOR RECEPTACLES	900	R	20	1	a	20	1	G	WTP-RCP-2	2
3	EXTERIOR RECEPTACLES	1,800	R	20	1	b	20	1	G	WTP-AC-51, ACD-5	4
5	70-LIT-1		G	20	1	c	20	1	L	LIGHTING	6
7	70-LIT-1			20	1	a	20	1		70-LIT-2	8
9	TOWER RECEPTACLES			20	1	b	20	1	600	SECURITY PANEL	10
11	OBSTRUCTION LIGHTS			20	1	c	20	1	120	WTP-PP-5A B	12
13	HTS-21 ELEV. TANK HEAT TRACE	200		20	1	a					14
15	GFCI			-	-	b					16
17	ELEV. TANK MAINT. LIGHTS	400		20	1	c					18
19						a					20
21						b					22
23						c					24
25						a					26
27						b					28
29						c					30
31						a					32
33						b					34
35						c					36
37						a	**	3		SPD/TVSS	38
39						b					40
41						c					42
TOT CONN LOAD: Ph A		1,700 VA		14 A							
TOT CONN LOAD: Ph B		1,920 VA		16 A						10,000 A RMS AVAILABLE FAULT DUTY	
TOT CONN LOAD: Ph C		400 VA		3 A							
"MAX" PHASE CONN LOAD:		Ph B	1,920 VA								
TOTAL CONNECTED LOAD (3 X MAX):		5.8 KVA		16.0 AMPS					TOTAL DEMAND LOAD:	2.7 KVA	7.5 AMPS

LP-A2 PANEL SCHEDULE
SCALE: N/A

** SIZE BREAKER PER SPD/TVSS MANUFACTURER RECOMMENDATION
+ PROVIDE GFCI BREAKER



BID SET

MARK	DATE	DESCRIPTION

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT
LOW VOLTAGE ONE-LINE

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

E-5601