

PANEL VEAC-01		LOCATION <u>LVEA RM 105</u>										VOLTS <u>480Y/277V</u>				
FED FROM	CKT #	MOUNTING <u>RECESSED</u>										MAIN <u>225</u>				
		PHASE <u>3</u>		WIRE <u>4</u>		FEEDER		BUS <u>225</u>								
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	BAKEOUT CLEAN RM VS 1	1	3	6	60	27000	9000 1233			3700	60	6	3	2	MAIN ROUGHING PUMP	2
		3					9000 1233							4		
		5						9000 1233						6		
7	MAIN TURBO PUMP	7	1		15	400	400 9000			27000	60	6	3	8	C-CC-PD-VEAC-07	8
9	SPARE	9	1		20		9000							10		
11	SPARE	11	1		20		9000							12		
13	BAKEOUT CLEAN RM VS 24	13	3	6	60		9000			27000	60	6	3	14	C-CC-PD-VEAC-14	14
15		15						9000						16		
17		17						9000						18		
19	BAKEOUT CLEAN RM VS 25	19	3	6	60		10000			30000	50	6	3	20	W-C-CC-T-VEAC-01	20
21		21						10000						22		
23		23						10000						24		
25	SPACE	25									20	10	3	26	GATE	26
27	SPACE	27												28	VALVE	28
29	SPACE	29												30		30
TOTAL							38633	38233	38233							
TOTAL CONNECTED LOAD (VA)							114699									
(AMPS)							138.0									

PANEL VEAC-04		LOCATION <u>LVEA RM 102</u>										VOLTS <u>480Y/277V</u>					
FED FROM	CKT #	MOUNTING <u>RECESSED</u>										MAIN <u>225</u>					
		PHASE <u>3</u>		WIRE <u>4</u>		FEEDER		BUS <u>225</u>									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	B/CR DS 5	1	3	6	60	27000	9000 1233			3700				3	2	WGV # 1	2
		3					9000 1233							4			
		5						9000 1233						6			
7	ROUGHING PUMP	7	3		20	400	400 9000			27000	60	6	3	8	B/CR LB 10	8	
9		9			20		9000							10			
11		11			20		9000							12			
13	SUBFEED TO C-CC-PD-VEAC-06	13	3	1	100	67402	22467 9000			27000	60	6	3	14	B/CR LB 12	14	
		15						22467 9000						16			
		17						22467 9000						18			
19	B/CR DS 14	19	3	6	60		15000							20	W-C-CC-T-VEAC-04	20	
21		21					15000							22			
23		23						15000						24			
25	B/CR DS 15	25	3	6	60						60	6	3	26	B/CR DS 16	26	
27	SPACE	27												28		28	
29	SPACE	29												30		30	
TOTAL							66100	65700	65700								
TOTAL CONNECTED LOAD (VA)							197500										
(AMPS)							237.5										
* 75 % DEMAND FACTOR TOTAL VA = 148125																	

PANEL VEAC-02		LOCATION <u>LVEA RM 104</u>										VOLTS <u>480Y/277V</u>					
FED FROM	CKT #	MOUNTING <u>RECESSED</u>										MAIN <u>225</u>					
		PHASE <u>3</u>		WIRE <u>4</u>		FEEDER		BUS <u>225</u>									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	1	3		60	27000	9000 1233			3700	20			2	MAIN ROUGHING PUMP	2	
		3					9000 1233							4			
		5						9000 1233						6			
7	MAIN TURBO PUMP	7	3		60	400	400 9000			27000	60			3	8	C-CC-PD-VEAC-07	8
9	SPARE	9					9000							10			
11	SPARE	11					9000							12			
13	SPARE	13	3		60		9000			27000	60			3	14	C-CC-PD-VEAC-14	14
15	SPACE	15						9000						16			
17	SPACE	17						9000						18			
19	SPACE	19	3		60		10000			30000	50			3	20	W-C-CC-T-VEAC-02	20
21	SPACE	21					10000							22			
23	SPACE	23						10000						24			
25	SPACE	25												26	SPACE	26	
27	SPACE	27												28	SPACE	28	
29	SPACE	29												30	SPACE	30	
TOTAL							38233	38233	38233								
TOTAL CONNECTED LOAD (VA)							114699										
(AMPS)							138.0										

PANEL VEAC-05		LOCATION <u>LVEA RM 103</u>										VOLTS <u>480Y/277V</u>				
FED FROM	CKT #	MOUNTING <u>RECESSED</u>										MAIN <u>100</u>				
		PHASE <u>3</u>		WIRE <u>4</u>		FEEDER		BUS <u>100</u>								
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	B/CR RB 1	1	3	6	60	20000	9000 6667			27000	60	6	3	2	REGEN HEATER	2
		3					9000 6667							4		
		5						9000 6667						6		
7	B/CR VS 17	7	3	6	60	400	400				60	6	3	8	B/CR RB 12	8
9		9												10		
11		11												12		
13	SPARE	13	3	6	60						60		3	14	SPARE	14
TOTAL							16067	15667	15667							
TOTAL CONNECTED LOAD (VA)							47401									
(AMPS)							57.0									

PANEL VEAC-03		LOCATION <u>LVEA RM 103</u>										VOLTS <u>480Y/277V</u>					
FED FROM	CKT #	MOUNTING <u>RECESSED</u>										MAIN <u>225</u>					
		PHASE <u>3</u>		WIRE <u>4</u>		FEEDER		BUS <u>225</u>									
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	1	3		30	27000	9000 1233			3700	20			2	MAIN ROUGHING PUMP	2	
		3					9000 1233							4			
		5						9000 1233						6			
7	MAIN TURBO PUMP	7	3		20	400	400 9000			27000				3	8	SPACE	8
9		9					9000							10	SPACE		
11		11					9000							12	SPACE		
13	SUBFEED TO C-CC-PD-VEAC-05	13	3		100	67402	22467 9000			27000	60			3	14	C-CC-PD-VEAC-13	14
		15						22467 9000						16			
		17						22467 9000						18			
19	SPARE	19	3		60		15000			45000	60			3	20	W-C-CC-T-VEAC-03	20
21	SPARE	21					15000							22			
23	SPARE	23						15000						24			
25	SPARE	25	3		60						60			26	SPACE	26	
27	SPARE	27												28		28	
29	SPARE	29												30		30	
TOTAL							66100	65700	65700								
TOTAL CONNECTED LOAD (VA)							197500										
(AMPS)							237.6										
* 75 % DEMAND FACTOR TOTAL VA = 148125																	

PANEL VEAC-06		LOCATION <u>LVEA RM 102</u>										VOLTS <u>480Y/277V</u>				
FED FROM	CKT #	MOUNTING <u>RECESSED</u>										MAIN <u>100</u>				
		PHASE <u>3</u>		WIRE <u>4</u>		FEEDER		BUS <u>100</u>								
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	B/CR LB 1	1	3	6	60	20000	9000 6667			27000	60	6	3	2	REGEN HEATER LB2	2
		3					9000 6667							4		
		5						9000 6667						6		
7	B/CR LB 20	7	3	6	60	400	400				60	6	3	8	B/CR LB 2	8
		9												10		
		11														