

**PANEL LC (E)**

Location: ELECTRICAL 113		Volts: 208Y/120V		A.I.C. Rating: 10000 A	
Supply From: XF NEXT TO PANEL		Phases: 3		Main Type: MCB	
Mounting: SURFACE		Wires: 4		Main Rating: 225 A	
Enclosure: SURFACE		Wires: 4		Main Rating: 225 A	
Notes:		MCB Rating: 200 A			

  

CKT	Circuit Description	Trip	kVA			Trip	Circuit Description	CKT
			A	B	C			
1	FAP - PEX # 1-2	20/1				20/1	FAP - PEX #5	2
3	UNKNOWN	20/1				20/1	FAP - PEX # 3-4	4
5	SPACE	20/1				20/1	SPACE	6
7	DUST COLLECTION	30/1	0.36	0.50		20/1	DRY SHRED - CONTROL BOX #4	8
9	RECP - DOA-1 & RTU-2 - LOW ROOF	20/1		0.36	1.66	20/1	UH-1 - MAINTENANCE SHOP 163	10
11	IN-RACK DETECTION SYSTEM - STORAGE 119	20/1			0.96	1.00	EF-25 & 26 DAMPERS RM. 119	12
13	SPACE						SPACE	14
15	SPACE						SPACE	16
17	SPACE						SPACE	18
19	SPACE						SPACE	20
21	SPACE						SPACE	22
23	SPACE						SPACE	24
25	SPACE						SPACE	26
27	SPACE						SPACE	28
29	SPACE						SPACE	30
31	SPACE						SPACE	32
33	SPACE						SPACE	34
35	SPACE						SPACE	36
37	SPACE						SPACE	38
39	SPACE						SPACE	40
41	SPACE						SPACE	42
Phase kVA:			0.86	2.02	1.96			
Total kVA:			4.84					
Total Amps:			13.43					

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**PANEL LA (E)**

Location: ELECTRICAL 113		Volts: 208Y/120V		A.I.C. Rating: 10000 A	
Supply From: T-LA VIA DISC 14		Phases: 3		Main Type: MCB	
Mounting: SURFACE		Wires: 4		Main Rating: 225 A	
Enclosure: SURFACE		Wires: 4		Main Rating: 225 A	
Notes:		MCB Rating: 150 A			

  

CKT	Circuit Description	Trip	kVA			Trip	Circuit Description	CKT
			A	B	C			
1	SPACE	-				-	SPACE	2
3	SPACE	-				-	SPACE	4
5	SPACE	-				-	SPACE	6
9	RECP - OPEN OFFICE 202	20/1		1.08		20/1	RECEPT TO XFMR HEAT DETECTOR	8
11	RECP - RM. 204, 205, 208	20/1			1.08	20/1	UNLABELED, RECP - RM. 211, 216	12
13	RECP - OPEN OFFICE 202	20/1	1.08	1.08		20/1	RECP - RM. 207, 210	14
15	RECP - RM. 202, 203	20/1		0.02	0.18	20/1	RECP - BREAK ROOM 107	16
17	RECP - RM. 202, 203	20/1			1.26	0.18	RECP - TRUCKERS' RESTROOM 104	18
19	RECP - CONFERENCE ROOM 106	20/1	1.16	0.18		20/1	RECP - BREAK ROOM 107	20
21	RECP - CONFERENCE ROOM 106	20/1		1.26	0.18	20/1	RECP - CORRIDOR 105	22
23	RECP - OPEN OFFICE 202	20/1			0.36	0.72	RECP - RM. 111, 117, 111C, 003-2	24
25	RECP - OPEN OFFICE 202	20/1	0.36	0.72		20/1	RECP - RM. 105, 114, 112	26
27	RECP - OPEN OFFICE 202	20/1		0.36	0.72	20/1	RECP - RM. 107, 109, 216, 109C	28
29	RECP - RM. 211, 210, 213	20/1			0.90	1.08	RECP - RM. 215, 213	30
31	RECP - RM. 105, 101, 107	20/1	0.90	1.08		20/1	RECP - RM. 214, 215, 209, 203, 213	32
33	RECP - RM. 106, 108, 112	20/1		0.90	1.08	20/1	RECP - RM. 215, 203	34
35	RECP - RM. 206, 207, 209, 214	30/1			1.08			36
37	RECP - RM. 205, 204, 202	30/1	1.08			60/2	B&S TRAILER	38
39	UNIT HEATER	20/1				15/1	MIC	40
41	UNIT HEATER	20/1				20/1	IMI TRAILER	42
43	UNIT HEATER	20/1				20/1	UNLABELED	44
45	RECP - EWIC - RM. 209	20/1		1.08		20/1	UNLABELED	46
47	DOCK LTS.	30/1				-	SPACE	48
Phase kVA:			7.64	6.86	6.66			
Total kVA:			21.16					
Total Amps:			58.73					

**PANEL LE (E)**

Location: WET CHEMISTRY PROCESSING 130		Volts: 208Y/120V		A.I.C. Rating:	
Supply From: XF-LE FED FROM PANEL HE-1		Phases: 3		Main Type: MCB	
Mounting: SURFACE		Wires: 4		Main Rating: 225 A	
Enclosure: SURFACE		Wires: 4		Main Rating: 225 A	
Notes:		MCB Rating: 150 A			

  

CKT	Circuit Description	Trip	kVA			Trip	Circuit Description	CKT
			A	B	C			
1	UNLABELED	20/1				20/1	UNLABELED	2
3	UNLABELED	20/1				20/1	UNLABELED	4
5	UNLABELED	20/1				20/1	UNLABELED	6
7	UNLABELED	20/1				20/1	UNLABELED	8
9	UNLABELED	20/1				20/1	UNLABELED	10
11	UNLABELED	20/1				20/1	UNLABELED	12
13	UNLABELED	20/1				20/1	UNLABELED	14
15	UNLABELED	20/1				20/1	UNLABELED	16
17	RECP - SHIPPING RECEIVING OFFICE 118	20/1			0.72	20/1	UNLABELED	18
19	LINE DRIVE SE	20/1				20/1	UNLABELED	20
21	CU-3	20/2		0.95	1.00	30/2	NETWORK CABINET - WET CHEMISTRY PROCESSING 130	22
23	IN-RACK DETECTION SYSTEM - STORAGE 119	20/1	0.48	1.00		20/1	EF-27 & 28 DAMPERS RM. 119	24
25								26
27								28
29								30
31								32
33								34
35								36
37								38
39								40
41								42
Phase kVA:			1.48	1.95	2.67			
Total kVA:			6.10					
Total Amps:			16.93					

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**PANEL HD (E)**

Location: ELECTRICAL 113		Volts: 480Y/277V		A.I.C. Rating: 14000 A	
Supply From: MSB-1		Phases: 3		Main Type: MLO	
Mounting: SURFACE		Wires: 4		Main Rating: 225 A	
Enclosure: SURFACE		Wires: 4		Main Rating: 225 A	
Notes:		MCB Rating: -			

  

CKT	Circuit Description	Trip	kVA			Trip	Circuit Description	CKT
			A	B	C			
1	SPACE	-				-	SPACE	2
3	FAN - SHIPPING MODULE	20/3				30/3	RTU-3 UPSTAIRS OFFICE	4
5								6
7	SH-5 HEATING UNIT - SHIPPING MODULE	50/3				30/3	RTU-2 DOWNSTAIRS OFFICE	8
9								10
11								12
13	SH-3 HEATING UNIT WAREHOUSE NORTH	50/3				30/3	SH-4 HEATING UNIT - WAREHOUSE SOUTH	14
15								16
17								18
19								20
21	PALLET EXCHANGE	*				20/3	SHED (OIL)	22
23								24
25								26
27	BATTERY CHARGER	100/3				50/3	RECORDS STORAGE TRAILER	28
29								30
31								32
33	T-RP	100/3	14.62	14.62		20/3	LAN TEK WRAPPER	34
35								36
37	SPACE	-				-	SPACE	38
39	SPACE	-				-	SPACE	40
41	SPACE	-				-	SPACE	42
Phase kVA:			14.62	14.62	14.62			
Total kVA:			43.85					
Total Amps:			52.75					

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**PANEL HA (E)**

Location: ELECTRICAL 113		Volts: 480Y/277V		A.I.C. Rating: 14000 A	
Supply From: MSB1		Phases: 3		Main Type: MLO	
Mounting: SURFACE		Wires: 4		Main Rating: 225 A	
Enclosure: SURFACE		Wires: 4		Main Rating: 225 A	
Notes:		MCB Rating: -			

  

CKT	Circuit Description	Trip	kVA			Trip	Circuit Description	CKT
			A	B	C			
1	LTS - CONTACTOR	20/1				20/1	UNLABELED	2
3	LTS	20/1				20/1	UNLABELED	4
5	LTS	20/1				20/1	UNLABELED	6
7	EM LTS	20/1				20/1	UNLABELED	8
9	LTS SHIPPING	20/1				20/1	OUTSIDE LIGHTS - WALL PACKS	10
11	LTS SHIPPING	20/1				20/1	WALL PACKS	12
13	LTS SHIPPING	20/1				20/1	WALL PACKS	14
15	SECURITY LTS	20/1				20/1	POLE LTS	16
17	CONTACTOR	20/1				20/1	POLES	18
19	LTS - RM. 101-118	20/1	2.61	1.87		80/3	UNLABELED	20
21	LTS - RM. 202-205, 207-215	20/1						22
23	SPACE	-				-	SPACE	24
Phase kVA:			2.61	1.87	0.00			
Total kVA:			4.48					
Total Amps:			5.38					

**PANEL HE (E)**

Location: PANEL HE-1		Volts: 480Y/277V		A.I.C. Rating:	
Supply From: PANEL HE-1		Phases: 3		Main Type: MLO	
Mounting: SURFACE		Wires: 4		Main Rating: 225A	
Enclosure: SURFACE		Wires: 4		Main Rating: 225A	
Notes:		MCB Rating: -			

  

CKT	Circuit Description	Trip	kVA			Trip	Circuit Description	CKT
			A	B	C			
1	LTS ROW 11	20/1				20/1	LTS ROW 18	22
2	LTS ROW 11	20/1				20/1	LTS ROW 18	23
3	LTS ROW 11	20/1				20/1	LTS ROW 18	24
4	LTS ROW 12	20/1				20/1	LTS ROW 19	25
5	LTS ROW 12	20/1				20/1	LTS ROW 19	26
6	LTS ROW 12	20/1				20/1	LTS ROW 19	27
7	LTS ROW 13	20/1				20/1	LTS ROW 20	28
8	LTS ROW 13	20/1				20/1	LTS ROW 20	29
9	LTS ROW 13	20/1				20/1	LTS ROW 20	30
10	LTS ROW 14	20/1				20/1	EMERGENCY LTS. NORTH END	31
11	LTS ROW 14	20/1				20/1	LTS. NORTH END	32
12	LTS ROW 14	20/1				20/1	EMERGENCY LTS. CENTER ROW	33
13	LTS ROW 15	20/1				20/1	EMERGENCY LTS. SOUTH ROW	34
14	LTS ROW 15	20/1				20/1	LTS. SOUTH ROW	35
15	LTS ROW 15	20/1				20/1	ROOF VENTS	36
16	LTS ROW 16	20/1	2.18	0.75		20/1	LTG. - UTILITY TRESSLE FLOOD LTG. - EAST TANK STORAGE	37
17	LTS ROW 16	20/1				20/1	LTG. - EAST TANK STORAGE	38
18	LTS ROW 16	20/1				20/1	SPARE	39
19	LTS ROW 17	20/1				20/1	SPARE	40
20	LTS ROW 17	20/1				20/1	SPARE	41
21	LTS ROW 17	20/1				20/1	SPARE	42
Phase kVA:			2.18	0.75	0.00			
Total kVA:			2.93					
Total Amps:			3.53					

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**GENERAL NOTES:**

- A. COORDINATE DEMOLITION OF EXISTING CIRCUITS WITH DEMO PLANS. WHERE ALL LOADS ARE REMOVED FROM A CIRCUIT, REMOVE BRANCH CIRCUITRY BACK TO PANEL. CIRCUIT BREAKER SHALL REMAIN AS SPARE FOR NEW CIRCUITS OR FUTURE USE. NOTIFY ENGINEER IF THERE ARE NOT ADEQUATE SPARE CIRCUITS AFTER DEMOLITION TO ACCOMMODATE NEW CIRCUITS INDICATED.

CONSULTANTS: