

PANEL NAME: H1M													PANEL NAME: EHP1																													
SUPPLY FROM: US480			MAINS RATING (A): 100			FAULT CURRENT (A): 12180			PHASE: New Construction			SUPPLY FROM: ATS1			MAINS RATING (A): 200			FAULT CURRENT (A): 19631			PHASE: New Construction																					
LOCATION: MECH RM 102			MAIN TYPE: THERMAL MAGNETIC			SHORT CIRCUIT RATING (A): 18000			SURGE SUPPRESSION: Yes			LOCATION: EMERG GEN 118			MAIN TYPE: MAIN LUGS ONLY			SHORT CIRCUIT RATING (A): 25000			SURGE SUPPRESSION: Yes																					
DISTRIBUTION SYSTEM: 480/277V 3PH 4W			FEEDER ID: 100-4C			LUGS TYPE:			ULSE:			DISTRIBUTION SYSTEM: 480/277V 3PH 4W			FEEDER ID: 200-4C			LUGS TYPE:			200% NEUTRAL:																					
FEEDER: (4) #3 AWG CU, (1) #6 AWG CU GND IN 1-1/4" CONDUIT 75C RATED			ENCLOSURE TYPE: NEMA 1			ISOLATED GROUND:			CIRCUIT DESCRIPTION			SUPPLY FROM: ATS1			FEEDER ID: (4) #30 AWG CU, (1) #6 AWG CU GND IN 2" CONDUIT 75C RATED			LUGS TYPE:			200% NEUTRAL:																					
CKT	CIRCUIT DESCRIPTION	V0%	AWG	GND	TRIP	FRAME	POLE	A	B	C	POLE	FRAME	TRIP	GND	AWG	V0%	CIRCUIT DESCRIPTION	CKT	CKT	CIRCUIT DESCRIPTION	V0%	AWG	GND	TRIP	FRAME	POLE	A	B	C	POLE	FRAME	TRIP	GND	AWG	V0%	CIRCUIT DESCRIPTION	CKT					
1		-	-	-	-	-	-	3.93	0.83	-	-	-	-	-	-		2	1	(->) PANEL EM	-	-	50 A	50 A	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	30 A	30 A	SL	SL	SL	(->) T-ELP1	2	
3	(->) HWP-1 VFD HWP-2 VFD MOTOR MECH RM 102	0.056	#8	#10	35 A	35 A	3	3.93	0.83	-	3	15 A	15 A	#12	#12	0.064	(->) CP-1 VFD MOTOR MECH RM 102	4	3	(->) PANEL EM	-	-	50 A	50 A	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	30 A	30 A	SL	SL	SL	(->) T-ELP1	4
5		-	-	-	-	-	-	-	-	-	0.00	10.03	-	-	-	-	-	6	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8						
7		-	-	-	-	-	-	-	-	-	0.00	10.03	-	-	-	-	-	8	7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10						
9	SPARE	-	-	-	20 A	20 A	3	-	-	-	0.00	10.03	-	-	-	-	-	10	9	(->) (U) LIFT NO. 2	-	-	150 A	150 A	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	30 A	30 A	-	-	-	(->) EF-7, SF-1	12
11		-	-	-	-	-	-	-	-	-	0.00	10.03	-	-	-	-	-	12	11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14						
13		-	-	-	-	-	-	-	-	-	0.00	-	1	20 A	20 A	-	-	-	14	13	SPARE	-	-	20 A	20 A	1	0.00	0.00	1	20 A	20 A	-	-	-	SPARE	14						
15	SPACE	-	-	-	-	-	-	3	-	-	0.00	-	1	20 A	20 A	-	-	-	16	15	SPARE	-	-	20 A	20 A	1	0.00	0.00	1	20 A	20 A	-	-	-	SPARE	16						
17		-	-	-	-	-	-	-	-	-	0.00	-	1	20 A	20 A	-	-	-	18	17	SPARE	-	-	20 A	20 A	1	0.00	0.00	1	20 A	20 A	-	-	-	SPARE	18						
19		-	-	-	-	-	-	-	-	-	0.00	-	1	20 A	20 A	-	-	-	20	19	SPARE	-	-	20 A	20 A	1	0.00	0.00	1	20 A	20 A	-	-	-	SPARE	20						
21	SPACE	-	-	-	-	-	-	3	-	-	0.00	-	1	20 A	20 A	-	-	-	22	21	SPARE	-	-	20 A	20 A	1	0.00	0.00	1	20 A	20 A	-	-	-	SPARE	22						
23		-	-	-	-	-	-	-	-	-	0.00	-	1	20 A	20 A	-	-	-	24	23	SPARE	-	-	20 A	20 A	1	0.00	0.00	1	20 A	20 A	-	-	-	SPARE	24						
25	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	26	25	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	26							
27	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	28	27	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	28							
29	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	30	29	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	30							
31	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	32	31	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	32							
33	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	34	33	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	34							
35	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	36	35	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	36							
37	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	38	37	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	38							
39	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	40	39	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	40							
41	SPACE	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	42	41	SPACE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	42							
		TOTAL CONNECTED LOAD: 14.8 kVA																			TOTAL CONNECTED LOAD: 0.0 kVA																					
		LOAD CLASSIFICATION			CONNECTED LOAD			DEMAND FACTOR			ESTIMATED DEMAND			NOT																												