

MAIN DISTRIBUTION PANEL MDP-1											
PANEL LOCATION: APF LEVEL 1							MAIN: 150A MAIN CIRCUIT BREAKER				
PANEL MOUNTING: SURFACE							BUS RATING: 200A, 10KAIC				
ENCLOSURE: NEMA 1							VOLTAGE/PHASE: 120/240V, 1-PHASE				
CKT NO.	BREAKER		LOAD DESCRIPTION	WIRE SIZE	CONNECTED VA		WIRE SIZE	LOAD DESCRIPTION	BREAKER		CKT NO.
	TRIP	POLE			L1	L2			TRIP	POLE	
1	20A	1	APF LEVEL-1 LIGHTING	2#12+1#12GRD	450	300	2#12+1#12GRD	APF LEVEL-3 LIGHTING	20A	1	2
3	30A	1	APF LEVEL-2 RECEPTACLE	2#12+1#12GRD	1440	1080	2#12+1#12GRD	APF LEVEL-1 RECEPTACLE	20A	1	4
5	20A	1	APF LEVEL-3 RECEPTACLE	2#12+1#12GRD	1800	710	2#12+1#12GRD	APF LEVEL-2 LIGHTING	20A	1	6
7	100A	2	UNINTERRUPTABLE POWER SUPPLY UPS-1, 16kVA	2#4+1#6GRD	12800		2#4+1#6GRD	UNINTERRUPTABLE POWER SUPPLY UPS-1 (BYPASS)	100A	2	8
11	20A	2	FAN COOLING SUPPLY UNIT FCU-1	2#12+1#12GRD	389	611	2#12+1#12GRD	FAN COOLING SUPPLY UNIT FCU-2	20A	2	12
15	20A	2	FAN COOLING SUPPLY UNIT FCU-3	2#12+1#12GRD	278	368	2#12+1#12GRD	CIRCULATING FAN SAF-1A	20A	2	16
19	20A	2	CIRCULATING FAN SAF-1B	2#12+1#12GRD	368	6670	2#8+1#10GRD	INLINE GLYCOL WATER HEATER	40A	2	20
23	20A	2	SPARE					SPARE	20A	2	24
27	20A	1	SPARE			200	2#12+1#12GRD	115-24V LTG SW CONTROL	20A	1	28
29	20A	1	SPARE					TRANSF.			30
31											32
33											34
35											36
37											38
39											40
40											42
					17525	9939					
					TOTAL VA =		27464				

UPS PANELBOARD UP-1											
PANEL LOCATION: APF LEVEL 1							MAIN: 90A MAIN CIRCUIT BREAKER				
PANEL MOUNTING: SURFACE							BUS RATING: 100A, 10KAIC				
ENCLOSURE: NEMA 1							VOLTAGE/PHASE: 120/240V, 1-PHASE				
CKT NO.	BREAKER		LOAD DESCRIPTION	WIRE SIZE	CONNECTED VA		WIRE SIZE	LOAD DESCRIPTION	BREAKER		CKT NO.
	TRIP	POLE			L1	L2			TRIP	POLE	
1	20A	1	COMMUNICATION PWR SUPPLY	2#12+1#12GRD			2#12+1#12GRD	FIRE ALARM PANEL	20A	1	2
3	20A	2	APF 2-AZIMUTH DRIVE MOTOR	2#12+1#12GRD			2#12+1#12GRD	APF 2-SHUTTER DRIVE MOTOR	20A	2	4
7	20A	2	APF 2-SHUTTER DRIVE MOTOR	2#12+1#12GRD			2#12+1#12GRD	VENT DOOR MOTOR	20A	2	8
11	20A	2	SPARE					SPARE	20A	1	12
	20A		SPARE					SPARE	20A	1	14
15	20A	2	SPARE					SPARE	20A	1	16
	20A		SPARE					SPARE	20A	1	18
					TOTAL VA =						



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**UNIVERSITY OF CALIFORNIA**  
PHYSICAL PLANNING AND CONSTRUCTION  
SANTA CRUZ CAMPUS SANTA CRUZ, CALIFORNIA

DESIGNED  
DRAWN  
CHECKED

APPROVED

LOCATION  
SCALE  
NONE

SHEET TITLE  
PANEL SCHEDULES  
MOUNT HAMILTON UCO/LICK  
AUTOMATED PLANET FINDER SITE WORK  
BUILDING OR PROJECT

FILE NO.  
6639  
DATE  
4-06-05

SHEET  
E2  
OF