

Power: 120/208 V 3 ø 4 W									
PANEL A1									
SYM. IC.: 10000 A									
# OF CKTS.: 72									
LOCATION ELECTRICAL RM. 112									
INCOMING:									
MAIN BKR: 200 A									
Designation	CKT #	Watts	BKR	PHASE a b c	BKR	Watts	CKT#	Designation	
RECEPTACLES - TRAINING & RECRUITMENT 111	1	1200	20A	X		20A	250	2	CORRIDOR RECEPTACLES
RECEPTACLES - EXHIBIT ROOM 115	3	1000	20A	X		20A	250	4	RECEPTACLES - OSO STORAGE 116
RECEPTACLES - MEETING ROOM 118	5	1000	15A	X		15A	1000	6	RECEPTACLES - DIRECTOR'S OFFICE 119
FLOOR BOX - MEETING ROOM 118	7	500	15A	X		15A	1000	8	TELECOMMUNICATIONS ROOM 122
COUNTER RECEPTACLES - LUNCH ROOM 114	9	750	20A	X		15A	1000	10	TELECOMMUNICATIONS ROOM 122
MICROWAVE - LUNCH ROOM 114	11	1500	20A	X		20A	1500	12	COMMUNICATIONS RACK - ROOM 122
MICROWAVE - LUNCH ROOM 114	13	1500	20A	X		15A	250	14	COUNTER RECEPTACLE - CORRIDOR 121
FRIDGE - LUNCH ROOM 114	15	750	20A	X		15A	750	16	RECEPTACLES - OFFICE AREA 120
COUNTER RECEPTACLES - LUNCH ROOM 114	17	750	20A	X		15A	100	18	EXIT LIGHTING
LIGHTING	19	420	20A	X		20A	1000	20	OVERHEAD DOOR - TRAINING ROOM 111
RECEPTACLES - LUNCH ROOM 114	21	500	20A	X		20A	600	22	HOUSEKEEPING RECEPTACLES - AREA 126
SPARE	23		15A	X		20A		24	SPARE
SPARE	25		15A	X		20A		26	SPARE
SPARE	27		15A	X		20A		28	SPARE
SPARE	29		15A	X		20A		30	SPARE
SPARE	31		15A	X		20A		32	SPARE
SPARE	33		15A	X		20A		34	SPARE
SPARE	35		15A	X		20A		36	SPARE
SPARE	37		15A	X		20A		38	SPARE
SPARE	39		15A	X		20A		40	SPARE
SPARE	41		15A	X		20A		42	SPARE
SPARE	43		15A	X		20A		44	SPARE
SPARE	45		15A	X		20A		46	SPARE
SPARE	47		15A	X		20A		48	SPARE
SPARE	49		15A	X		20A		50	SPARE
SPARE	51		15A	X		20A		52	SPARE
SPARE	53			X				54	SPARE
SPARE	55			X				56	SPARE
SPARE	57			X				58	SPARE
SPARE	59			X				60	SPARE
SPARE	61			X				62	SPARE
SPARE	63			X				64	SPARE
SPARE	65			X				66	SPARE
SPARE	67			X				68	SPARE
SPARE	69			X				70	SPARE
SPARE	71			X				72	SPARE
FEEDER:	4#3/0 +#4 Cu. BOND IN 53mmC				SOURCE:				DISTRIBUTION PANEL 'DP 2'
Remarks:	1 PANEL 'A1' IS EXISTING. PROVIDE NEW BREAKERS AS REQUIRED TO FEED ALL NEW LOADS.				Phase A Total 6120 W 51.0				A
	2 BREAKER TO BE LOCKED IN THE 'ON' POSITION.				Phase B Total 5600 W 46.7				A
					Phase C Total 5850 W 48.8				A
					TOTAL 17570 W 48.8				A

Power: 120/208 V 3 ø 4 W									
PANEL A3									
SYM. IC.: 10000 A									
# OF CKTS.: 72									
LOCATION ELECTRICAL RM. 112									
INCOMING:									
MAIN BKR: N/A A									
Designation	CKT #	Watts	BKR	PHASE a b c	BKR	Watts	CKT#	Designation	
POWERED DOOR OPERATOR - VESTIBULE 101	1	1000	20A	X		20A	1000	2	POWERED DOOR OPERATOR - VESTIBULE 100
POWERED DOOR OPERATOR - VESTIBULE 101	3	1000	20A	X		20A	1000	4	POWERED DOOR OPERATOR - VESTIBULE 100
COUNTER WORK SPACE RECEPTACLES	5	750	15A	X		20A	1000	6	KITCHENETTE COUNTER RECEPTACLE
COUNTER WORK SPACE RECEPTACLES	7	750	15A	X		20A	1500	8	KITCHENETTE MICROWAVE RECEPTACLE
COUNTER WORK SPACE RECEPTACLES	9	750	15A	X		20A	1000	10	KITCHENETTE COUNTER RECEPTACLE
CORRIDOR RECEPTACLES	11	350	20A	X		20A	750	12	KITCHENETTE FRIDGE RECEPTACLE
RECEPTACLE - JANITORS' CLOSET 104	13	500	20A	X		15A	300	14	HYDRATION STATION
RECEPTACLES - NFIS 110	15	750	15A	X		15A	500	16	COUNTER RECEPTACLES - MEN'S WASHROOM 105
COUNTER RECEPTACLES - WOMEN'S WASHROOM 107	17	500	15A	X		20A	360	18	EXTERIOR RECEPTACLES
EXIT LIGHTING	19	150	15A	X		20A	448	20	LIGHTING
FF-2	21	500	15A	X		20A	360	22	EXTERIOR RECEPTACLES
EF-1	23	500	15A	X		20A		24	SPARE
EF-2	25	500	15A	X		20A		26	SPARE
EF-3	27	500	15A	X		20A		28	SPARE
SPARE	29		15A	X		20A		30	SPARE
SPARE	31		15A	X		20A		32	SPARE
SPARE	33		15A	X		20A		34	SPARE
SPARE	35		15A	X		20A		36	SPARE
SPARE	37		15A	X		20A		38	SPARE
SPARE	39		15A	X		20A		40	SPARE
SPARE	41		15A	X		20A		42	SPARE
SPARE	43		15A	X		20A		44	SPARE
SPARE	45		15A	X		20A		46	SPARE
SPACE	47			X				48	SPACE
SPACE	49			X				50	SPACE
SPACE	51			X				52	SPACE
SPACE	53			X				54	SPACE
SPACE	55			X				56	SPACE
SPACE	57			X				58	SPACE
SPACE	59			X				60	SPACE
SPACE	61			X				62	SPACE
SPACE	63			X				64	SPACE
SPACE	65			X				66	SPACE
LIGHTING CONTROLS	67		15	X		15		68	MECHANICAL CONTROLS
LIGHTING CONTROLS	69		15	X		15		70	MECHANICAL CONTROLS
LIGHTING CONTROLS	71		15	X		15		72	MECHANICAL CONTROLS
FEEDER:	4#3/0 +#4 Cu. BOND IN 53mmC				SOURCE:				DISTRIBUTION PANEL 'DP 2'
Remarks:	1. PANEL 'A3' IS EXISTING. PROVIDE NEW BREAKERS AS REQUIRED TO FEED ALL NEW LOADS.				Phase A Total 6148 W 51.2				A
	2. BREAKER TO BE LOCKED IN THE 'ON' POSITION.				Phase B Total 6360 W 53.0				A
					Phase C Total 4210 W 35.1				A
					TOTAL 16718 W 46.5				A

Power: 120/208 V 3 ø 4 W									
PANEL A2									
SYM. IC.: 10000 A									
# OF CKTS.: 72									
LOCATION ELECTRICAL RM. 112									
INCOMING:									
MAIN BKR: 200 A									
Designation	CKT #	Watts	BKR	PHASE a b c	BKR	Watts	CKT#	Designation	
SYSTEMS FURNITURE - OFFICE AREA 126	1	1000	15A	X		15A	1000	2	SYSTEMS FURNITURE - OFFICE AREA 126
SYSTEMS FURNITURE - OFFICE AREA 126	3	1000	15A	X		15A	1000	4	SYSTEMS FURNITURE - OFFICE AREA 126
RECEPTACLES - COLLABORATIVE AREA 126A	5	1000	15A	X		20A	250	6	CORRIDOR RECEPTACLES
RECEPTACLES - QUIET ROOM 124	7	500	15A	X		15A	1000	8	RECEPTACLES - OPERATIONS ROOM 127
RECEPTACLES - CORRIDOR 121	9	750	15A	X		15A	1000	10	RECEPTACLES - OPERATIONS ROOM 127
RECEPTACLES - SHARED EQUIPMENT AREA	11	1000	15A	X		15A	150	12	EXIT LIGHTING
LIGHTING	13	470	20A	X		15A	750	14	FLOORBOX
B-1	15	1632	20A	X		20A	1500	16	DHWT-1
B-2	17	1632	20A	X		2P	1500	18	
RECEPTACLES - GENERAL OFFICE AREA 126	19	600	20A	X		15A	500	20	DHWP-1
SPARE	21		20A	X		15A	1250	22	BP-1, BP-2
SPARE	23		20A	X		15A	1250	24	BP-3, BP-4
SPARE	25		20A	X		15A		26	SPARE
SPARE	27		20A	X		15A		28	SPARE
SPARE	29		20A	X		15A		30	SPARE
SPARE	31		20A	X		15A		32	SPARE
SPARE	33		20A	X		15A		34	SPARE
SPARE	35		20A	X		15A		36	SPARE
SPARE	37		20A	X		15A		38	SPARE
SPARE	39		20A	X		15A		40	SPARE
SPARE	41		20A	X		15A		42	SPARE
SPARE	43		20A	X		15A		44	SPARE
SPARE	45		20A	X		15A		46	SPARE
SPACE	47			X				48	SPACE
SPACE	49			X				50	SPACE
SPACE	51			X				52	SPACE
SPACE	53			X				54	SPACE
SPACE	55			X				56	SPACE
SPACE	57			X				58	SPACE
SPACE	59			X				60	SPACE
SPACE	61			X				62	SPACE
SPACE	63			X				64	SPACE
SPACE	65			X				66	SPACE
SPACE	67			X				68	SPACE
SPACE	69			X				70	SPACE
SPACE	71			X				72	SPACE
FEEDER:	4#3/0 +#4 Cu. BOND IN 53mmC				SOURCE:				DISTRIBUTION PANEL 'DP 2'
Remarks:	1. PANEL 'A2' IS EXISTING. PROVIDE NEW BREAKERS AS REQUIRED TO FEED ALL NEW LOADS.				Phase A Total 5920 W 48.5				A
	2. BREAKER TO BE LOCKED IN THE 'ON' POSITION.				Phase B Total 8132 W 67.8				A
					Phase C Total 6782 W 56.5				A
					TOTAL 20734 W 57.6				A

Power: 120/208 V 3 ø 4 W										PANEL A4										SYM. IC.: 10000 A									
# OF CKTS: 72										LOCATION ELECTRICAL RM. 109B										MAINS: 225 A									
INCOMING:																				MAIN BKR: N/A A									
Remarks	Designation			CKT #	Watts	BKR	PHASE			BKR	Watts	CKT#	Designation			Remarks													
						a	b	c																					
	SYSTEMS FURNITURE - OFFICE AREA 102			1	1000	15A	X			15A	1000	2	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			3	1000	15A	X			15A	1000	4	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			5	1000	15A			X	15A	1000	6	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			7	1000	15A	X			15A	1000	8	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			9	1000	15A			X	15A	1000	10	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			11	1000	15A			X	15A	1000	12	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			13	1000	15A	X			15A	1000	14	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			15	1000	15A	X			15A	1000	16	SYSTEMS FURNITURE - OFFICE AREA 102																
	SYSTEMS FURNITURE - OFFICE AREA 102			17	720	15A			X	20A	480	18	HOUSEKEEPING RECEPTACLES - AREA 102																
	HOUSEKEEPING RECEPTACLES - AREA 102			19	480	20A	X			20A	819	20	LIGHTING																
	CRFC-1			21	2100	30A			X	15A	1000	22	HIJH-1																
				23	2100	2P			X	15A	500	24	FF-1																
	HOUSEKEEPING RECEPTACLES - AREA 102			25	240	20A	X			15A	500	26	FF-3																
	EXTERIOR RECEPTACLES			27	480	20A			X	20A	380	28	HOUSEKEEPING RECEPTACLES - AREAS 109,111,113																
	SPARE			29		20A			X	20A	380	30	HOUSEKEEPING RECEPTACLES - AREAS 116,118,119																
	SPARE			31		20A	X			15A		32	SPARE																
	SPARE			33		20A			X	15A		34	SPARE																
	SPARE			35		20A			X	15A		36	SPARE																
	SPARE			37		20A	X			15A		38	SPARE																
	SPARE			39		20A			X	15A		40	SPARE																
	SPARE			41		20A			X	15A		42	SPARE																
	SPARE			43		20A	X			15A		44	SPARE																
	SPARE			45		20A			X	15A		46	SPARE																
	SPARE			47		20A			X	15A		48	SPARE																
	SPACE			49			X					50	SPACE																
	SPACE			51					X			52	SPACE																
	SPACE			53					X			54	SPACE																
	SPACE			55			X					56	SPACE																
	SPACE			57					X			58	SPACE																
	SPACE			59						X		60	SPACE																
	SPACE			61			X					62	SPACE																
	SPACE			63					X			64	SPACE																
	SPACE			65					X			66	SPACE																
	LIGHTING CONTROLS			67			X					68	MECHANICAL CONTROLS																
	LIGHTING CONTROLS			69					X			70	MECHANICAL CONTROLS																
	LIGHTING CONTROLS			71					X			72	MECHANICAL CONTROLS																
FEEDER:				4#3/0 +#4 Cu. BOND IN 53mmC										SOURCE:				DISTRIBUTION PANEL 'DP.2'											
Remarks:				1 EXTEND EXISTING FEEDERS TO NEW BREAKERS AS REQUIRED.										Phase A Total 8039 W 67.0				A											
														Phase B Total 9940 W 82.8				A											
														Phase C Total 8160 W 68.0				A											
														TOTAL 26139 W 72.6				A											