

PANEL 2PA													
VOLTAGE : 120/208				BUS: 225A									
PHASE : 3				SC RATING: 10,000A/C									
WIRES : 4				MOUNTING: SURFACE									
LOC: ELECT. ROOM 203													
LOAD DESCRIPTION	LOAD (VA)	TRIP	POLES	CKT #	PHASE	CKT #	POLES	TRIP	LOAD (VA)	LOAD DESCRIPTION			
BEDROOM LITES	765	20	1	1	A	2	1	20	1100	OUTLETS			
HALLWAY LITES	780	20	1	3	B	4	1	20	1080	OUTLETS			
LITES	510	20	1	5	C	6	1	20	1100	OUTLETS			
EXIT AND EMERGENCY LITES	460	20	1	7	A	8	1	20	1080	OUTLETS			
EXIT AND EMERGENCY OUTLETS	980	20	1	9	B	10	1	20	1100	OUTLETS			
OUTLETS	100	20	1	11	C	12	1	20	1080	OUTLETS			
OUTLETS	360	20	1	13	A	14	1	20	1100	OUTLETS			
OUTLETS	820	20	1	15	B	16	1	20	1080	OUTLETS			
SPARE	—	20	1	17	C	18	1	20	360	OUTLETS			
SPARE	—	20	1	19	A	20	1	20	1200	OUTLETS			
SPARE	—	20	1	21	B	22	1	20	1100	OUTLETS			
SPARE	—	20	1	23	C	24	1	20	1080	OUTLETS			
SPACE	—	—	—	25	A	26	1	20	360	OUTLETS			
SPACE	—	—	—	27	B	28	1	20	1000	OUTLETS			
SPACE	—	—	—	29	C	30	1	20	540	OUTLETS			
SPACE	—	—	—	31	A	32	1	20	1440	OUTLETS			
SPACE	—	—	—	33	B	34	1	20	720	OUTLETS			
SPACE	—	—	—	35	C	36	1	20	780	OUTLETS			
SPACE	—	—	—	37	A	38	3	100	6740	PNL 2PB			
COOKING RANGE	4500	50	2	39	B	40	—	—	6740	PNL 2PB			
COOKING RANGE	4500	—	—	41	C	42	—	—	6740	PNL 2PB			
CONNECTED LOAD PER PHASE													
PH A 14.61 KVA PH B 19.44 KVA PH C 16.79 KVA													
LOAD SUMMARY													
Load Demand Total													
KVA % KVA													
Receptacles 1st 10KVA 10.0 100 10.0													
Receptacles over 10KVA 7.3 50 3.7													
Continuous loads 3.595 100 3.595													
Non-continuous loads 29.23 100 29.23													
TOTAL KVA 50.84													
TOTAL DEMAND 51.53													
TOTAL AMPS 143													
33% SPARE: 47													
TOTAL: 190													

PANEL 2PB													
VOLTAGE : 120/208						BUS: 100A							
PHASE : 3						CB TRIP: MLD							
WIRES : 4						SC RATING: 10,000A							
LOC: ELECT. ROOM 203						MOUNTING: SURFACE							
LOAD DESCRIPTION	LOAD (VA)	TRIP	POLES	CKT #	PHASE	CKT #	POLES	TRIP	LOAD (VA)	LOAD DESCRIPTION			
FCU 2-5	20	15	2	1	A	2	2	15	20	FCU 2-3			
FCU 2-5	20	—	—	3	B	4	—	—	20	FCU 2-3			
FCU 2-4	20	15	2	5	C	6	2	15	20	FCU 2-2			
FCU 2-4	20	—	—	7	A	8	—	—	20	FCU 2-2			
FCU 2-6	70	15	2	9	B	10	2	15	20	FCU 2-1			
FCU 2-6	70	—	—	11	C	12	—	—	20	FCU 2-1			
ROOF AC-2	3540	40	3	13	A	14	1	20	—	SPARE			
ROOF AC-2	3540	—	—	15	B	16	1	20	—	SPARE			
ROOF AC-2	3540	—	—	17	C	18	1	20	—	SPARE			
ROOF AC-1	3090	45	3	19	A	20	—	—	—	SPARE			
ROOF AC-1	3090	—	—	21	B	22	—	—	—	SPARE			
ROOF AC-1	3090	—	—	23	C	24	—	—	—	SPARE			
SPACE				25	A	26				SPACE			
SPACE				27	B	28				SPACE			
SPACE				29	C	30				SPACE			
SPACE				31	A	32				SPACE			
SPACE				33	B	34				SPACE			
SPACE				35	C	36				SPACE			
CONNECTED LOAD PER PHASE													
PH A 6.71 KVA PH B 6.76 KVA PH C 6.76 KVA													
LOAD SUMMARY													
Load Demand Total													
KVA % KVA													
Receptacles 1st 10KVA 6.28 100 6.28													
Receptacles over 10KVA 0.0 50 0.0													
Continuous loads 0.0 100 0.0													
Non-continuous loads 20.23 100 20.23													
TOTAL KVA 20.23													
TOTAL DEMAND 20.23													
TOTAL AMPS 56.15													
50% SPARE: 28.07													
TOTAL: 84.22													

PANEL 1PA (SECTION 1 OF 2)										
VOLTAGE : 120/208					BUS: 225A					
PHASE : 3					SC RATING: 10,000A/C					
WIRES : 4					MOUNTING: SURFACE					
LOC: ELECT. ROOM 193										
LOAD DESCRIPTION	LOAD (VA)	TRIP	POLES	CKT #	PHASE	CKT #	POLES	TRIP	LOAD (VA)	LOAD DESCRIPTION
BEDROOM LITES	765	20	1	1	A	2	1	20	1100	OUTLETS
HALLWAY LITES	780	20	1	3	B	4	1	20	1080	OUTLETS
LITES	210	20	1	5	C	6	1	20	1100	OUTLETS
EXIT AND EMERGENCY LITES	280	20	1	7	A	8	1	20	1080	OUTLETS
EXIT AND EMERGENCY OUTLETS	980	20	1	9	B	10	1	20	1100	OUTLETS
OUTLETS	180	20	1	13	A	14	1	20	1100	OUTLETS
OUTLETS -- EF 3	360	20	1	15	B	16	1	20	1080	OUTLETS
FCU 1-3	20	15	2	17	C	18	1	20	1460	OUTLETS
FCU 1-3	20	--	--	19	A	20	1	20	1100	OUTLETS
FCU 1-2	20	15	2	21	B	22	1	20	1080	OUTLETS
FCU 1-2	20	--	--	23	C	24	1	20	1080	OUTLETS
FCU 1-1	20	15	2	25	A	26	1	20	720	OUTLETS
FCU 1-1	20	--	--	27	B	28	1	20	360	OUTLETS
MECH TOP PANELS	100	20	1	29	C	30	1	20	540	OUTLETS
CLOTHES DRYER	3000	50	2	31	A	32	1	20	360	OUTLETS
CLOTHES DRYER	3000	--	--	33	B	34	1	20	1200	OUTLETS
CLOTHES WASHER	1500	20	1	35	C	36	1	20	1200	OUTLETS
FACP	200	20	1	37	A	38	1	20	540	OUTLETS
DISPOSER	1200	20	1	39	B	40	1	20	1200	OUTLETS
TERRACE WASH LITES	800	20	1	41	C	42	1	20	1200	OUTLETS
CONNECTED LOAD PER PHASE										
PH A		10.47	KVA	PH B		13.46	KVA	PH C		9.61 KVA
LOAD SUMMARY										
Load		Demand		Total		TOTAL KVA		33.54		
KVA		%		KVA						
Receptacles 1st 10KVA		10.0		100		10.0		TOTAL DEMAND		26.86
Receptacles over 10KVA		12.5		50		6.25		TOTAL AMPS		74.56
Continuous loads		3.11		100		3.4		33% SPARE:		24.60
Non-continuous loads		7.5		100		7.5		TOTAL:		99.164

DISTRIBUTION PANEL MP																									
VOLTAGE :				120/208				BUS:		600A															
PHASE :				3				CB TRIP:		500A															
WIRES :				4				SC RATING:		22,000A/C															
LOC:				ELECT. ROOM 193				MOUNTING:		SURFACE															
LOAD DESCRIPTION		LOAD (VA)	TRIP	POLES	CKT #	PHASE	CKT #	POLES	TRIP	LOAD (VA)	LOAD DESCRIPTION														
FCU 1-5		20	15	2	1	A	2	3	50	3670	CU-1														
FCU 1-5		—	—	—	3	B	4	—	—	3670	CU-1														
FCU 1-4		20	15	2	5	C	6	—	—	3670	CU-1														
FCU 1-4		20	—	—	7	A	8	1	20	360	ELEVATOR LITES														
FCU 1-6		20	15	2	9	B	10	2	20	1200	BC-1														
FCU 1-6		20	—	—	11	C	12	—	—	1200	BC-1														
ELEVATOR PIT		200	20	1	13	A	14	2	15	—	SPARE														
ELEVATOR PIT		180	20	1	15	B	16	—	—	—	SPARE														
SPACE					17	C	18	1	20	—	SPARE														
SPACE					19	A	20	1	20	—	SPARE														
SPACE					21	B	22	1	20	—	SPARE														
SPACE					23	C	24	1	20	—	SPARE														
SPACE					25	A	26				SPACE														
SPACE					27	B	28				SPACE														
SPACE					29	C	30				SPACE														
ELEVATOR		10500	150	3	31	A	32				SPACE														
ELEVATOR		10500	—	—	33	B	34				SPACE														
ELEVATOR		10500	—	—	35	C	36				SPACE														
PNL 2PA		17180	225	3	37	A	38	3	150	8950	PNL 1PA														
PNL 2PA		17180	—	—	39	B	40	—	—	8950	PNL 1PA														
PNL 2PA		17180	—	—	41	C	42	—	—	8950	PNL 1PA														
CONNECTED LOAD PER PHASE												PH A		0	KVA	PH B		0	KVA	PH C		0	KVA		
LOAD SUMMARY														TOTAL KVA		125.16									
Load														Demand		Total									
KVA														KVA		KVA									
Receptacles 1st 10KVA														0.0		100		0.0		TOTAL DEMAND				125.16	
Receptacles over 10KVA														0.0		50		0.0		TOTAL AMPS				347	
Continuous loads														0.0		100		0.0							
Non-continuous loads														0.0		100		0.0		33% SPARE:				115	
																				TOTAL:				462	