

PANEL: MDP										CIRCUITS 32										MAIN BREAKER: N/A AMP MAIN LUGS: 600 AMP K.A.I.C.: 42 AMP MOUNTED FLUSH SURFACE X										1 PHASE 3 WIRE X 240/120V FEED THRU									
TYP E	C K T N O	IDENTIFICATION	WIRE	GND.	COND.	CIRCUIT BREAKER	LOAD/PHASE (KVA)						BREAKER	WIRE	GND.	COND.	IDENTIFICATION	TYP E	C K T N O	WIRE	GND.	COND.	IDENTIFICATION	TYP E	C K T N O														
							TRIP		POLES		A															B		C		POLES		TRIP							
	1	PANEL A	3/0	6	2"	200	2	23.4				23.2	1	20									2	TS															
	5	PANEL B	3/0	6	2"	200	2	15.3	0.5				1	20									6	TS															
	9	PANEL C	3/0	6	2"	200	2	28.4	0.5			18.0	0.5	1	20	12	12	3/4"					6	TS															
	11		3/0	6	2"	200	2					21.3	0.5	1	20	12	12	3/4"					10	TS															
	13											27.3	0.5	1	20	12	12	3/4"					12	TS															
	15	PANEL AC1	3/0	6	2"	200	2	15.5	0.2					1	20	12	12	1/2"					14																
	17	PANEL AC2	3/0	6	2"	200	2	17.9				17.9											16																
	19											17.9											18																
	21	PANEL G	1	6	1-1/2"	125	2	7.8															20																
	23											7.5											22																
	25	SPACE						1.0						1	20	12	12	1/2"					24	GF															
	27	SPACE										1.0	1.0	1	20	12	12	1/2"					26	GF															
	29	SPACE												2	30	10	10	1/2"					28																
	31	SPACE																					30																
								111.3	2.2			111.8	2.0										32																
								TOTAL CONNECTED LOAD PER PHASE	113.5			113.8																											
								TOTAL CONNECTED LOAD PANEL A	227.3					N/A																									
								TOTAL CONNECTED	647.1					AMP																									
								TOTAL DEMAND	560.7					AMP																									
AF - GFCI FAULT PROTECTED CIRCUIT BREAKER GF - GFCI GROUND FAULT PROTECTED C.B. NC - NO CONDUCTIVE LOAD TS - VIA TIME SWITCH																																							

(1) CONTRACTOR SHALL FIELD VERIFY EQUIPMENT
NAME PLATE PRIOR TO C.B. ORDERING AND INSTALLATION. MATCH
MANUFACTURE RECOMMENDED COPD.

PANEL: A										CIRCUITS 42										MAIN BREAKER: NA_AMPS MAIN LUGS: 200_AMPS K.A.I.C.: 22_AMPS MOUNTED FLUSH X SURFACE										1 PHASE 3 WIRE X 240/20V FEED THRU									
TYP E	C K T N O	IDENTIFICATION	WIRE	GND.	COND.	CIRCUIT BREAKER	LOAD/PHASE (KVA)						BREAKER	WIRE	GND.	COND.	IDENTIFICATION	TYP E	C K T N O																				
							TRIP	POLES	A	B	C	POLES								TRIP																			
AF01	1	COFFEE MAKER	12	12	12"	20	1	1.6	0.5			1	20	12	12	12"	MASTER BEDROOM RCPTS	2	AF																				
AF02	3	GAS FIRE PLACE	12	12	12"	20	1			0.2	0.5	1	20	12	12	12"	MASTER BEDROOM RCPTS	4	AF																				
AF03	5	SPACE	12	12	12"	20	1			1.5		1	20	12	12	12"	LAUNDRY RCPTS	8	AF																				
AF04	7	TOILET TUB/PURIFIER ROOM	12	12	12"	20	1			1.3	0.5	1	20	12	12	12"	LAUNDRY TUB/POWDER HALL LITS	8	AF																				
AF05	11	SMALL APPLIANCES	12	12	12"	20	1			1.5		1	20	12	12	12"	MASTER BEDROOM (BATH) WIC LITS	10	AF																				
AF06	13	PANTRY ROOM RCPTS	12	12	12"	20	1	1.0	0.5			1	20	12	12	12"	EXTERIOR LITS	12	TS																				
AF07	15	MICROWAVE OVEN	12	12	12"	20	1	0.5	1.0			1	20	12	12	12"	SMALL APPLIANCES	14	AF																				
AF08	17	GAS RANGE	12	12	12"	20	1	1.5	0.5			1	20	12	12	12"	SMALL APPLIANCES	16	AF																				
AF09	21	HOOD AT KITCHEN	12	12	12"	20	1	0.4	0.5			1	20	12	12	12"	BREAKFAST (SMALL APPL)	18	AF																				
AF10	23	DISHWASHER	12	12	12"	20	1			1.2	0.5	1	20	12	12	12"	DINING ROOM (SMALL APPL)	20	AF																				
AF11	25	REFRIGERATOR	12	12	12"	20	1	1.4	0.5			1	20	12	12	12"	HALLWAY RCPTS	22	AF																				
AF12	27	FREEZER	12	12	12"	20	1			1.4	0.5	1	20	12	12	12"	CLUB ROOM RCPTS	24	AF																				
AF13	29	DISHWASHER AT PANTRY	12	12	12"	20	1	1.2	0.5			1	20	12	12	12"	CLUB ROOM RCPTS	26	AF																				
AF14	31	DISPOSAL	12	12	12"	20	1			0.8	0.8	1	20	12	12	12"	DISPOSAL	30	AF																				
AF15	33	UC REF.	12	12	12"	20	1	0.6	0.5			1	20	12	12	12"	BATH WINE DISPLAY RCPTS	32	AF																				
AF16	35	WINE REF.	12	12	12"	20	1			0.6	0.5	1	20	12	12	12"	HALLWAY RCPTS	34	AF																				
AF17	37	UC CUB. MAKER	12	12	12"	20	1	0.6	1.3			1	20	12	12	12"	TOILET TUB/HALLWAYS	38	AF																				
AF18	39	MASTER POWDER 2 BATH RCPTS	12	12	12"	20	1			0.5		1	20	12	12	12"	TOILET TUB/HALLWAYS	40	AF																				
AF19	41	SPACE	12	12	12"	20	1			8.4	1.3	1	20	12	12	12"	TOILET TUB/HALLWAYS	42	GF																				
AF20	43	ELECTRIC COOKTOP	4	10	1"	60	2	0.4	1.3			1	20	12	12	12"	TOILET TUB/HALLWAYS	44	GF																				
AF21	45	HOOD	12	12	12"	20	1	0.2	0.5			1	20	12	12	12"	FLOOD LIGHTS	46	TS																				
AF22	47	SHADES PANEL LV	12	12	12"	20	1																																
AF23	49	HOOD AT PANTRY	12	12	12"	20	1	1																															
AF24	51	SPACE																																					
AF25	53	SPACE																																					
TOTAL CONNECTED LOAD PER PHASE							23.4				22.2																												
TOTAL CONNECTED LOAD PANEL A							46.6																																
TOTAL CONNECTED							194.2																																
AF - AFC FAULT PROTECTED CIRCUIT BREAKER GF - GROUND FAULT PROTECTED C.B. NC - NO CURRENTLY LOAD MC - MC CABLE R - RIMMER																																							

PANEL: B				CIRCUITS 42				MAIN BREAKER: NA_AMPS MAIN LUGS: 200_AMPS K.A.I.C.: 22_AMPS MOUNTED FLUSH X SURFACE				1 PHASE 3 WIRE X 240/20V FEED THRU							
TYP E	C K T N O	IDENTIFICATION	WIRE	GND.	COND.	CIRCUIT BREAKER	LOAD/PHASE (KVA)			BREAKER	WIRE	GND.	COND.	IDENTIFICATION	C K T N O	TYP E			
							TRIP	POLES	A								B	C	POLES
AF	1	SHADES PANEL LV	12	12	12"	20	1	0.5	1.3			1	20	12	12	12	TOILET TUB/HALLWAYS	2	GF
AF	3	SHADES PANEL LV	12	12	12"	20	1			0.5	1.3	1	20	12	12	12	TOILET TUB/HALLWAYS	4	GF
AF	5	SPACE	12	12	12"	20	1			1.5		1	20	12	12	12	LAUNDRY RCPTS	6	AF
AF01	9	WASHER/DYER	12	12	12"	20	1			1.3	0.5	1	20	12	12	12	BATHROOM RCPTS	8	AF
AF02	11	TOILET TUB/HALLWAYS	12	12	12"	20	1	0.5	0.4			1	20	12	12	12	BATHROOM RCPTS	10	AF
AF03	13	BEDROOM #1 RCPTS	12	12	12"	20	1	1.3	0.5			1	20	12	12	12	UC REF. AT BEDROOM	14	AF01
AF04	15	BEDROOM #2 RCPTS	12	12	12"	20	1			0.5	1.5	1	20	12	12	12	UC REF. AT BEDROOM	16	AF02
AF05	17	TOILET TUB/HALLWAYS	12	12	12"	20	1	1.3	0.5			1	20	12	12	12	FAMILY ROOM 2ND FLOOR RCPTS	18	AF
AF06	19	TOILET TUB/HALLWAYS	12	12	12"	20	1			0.5	2.5		1	20	12	12	SPACE	20	AF
AF07	21	GAS WATER HEAT	12	12	12"	20	1			0.5	0.3		2	30	10	12	ELEVATOR	22	AF
AF08	23	SPACE	12	12	12"	20	1	0.2	0.3			1	20	12	12	12	ELEVATOR TANK PUMP	24	AF
AF09	25	LIGHTING INDR.	12	12	12"	20	1	0.5	0.5			1	20	12	12	12	ELEVATOR PIT SHAFT LITS	26	GF
AF10	27	LIGHTING INDR.	12	12	12"	20	1	0.5	0.5			1	20	12	12	12	ELEVATOR TANK PUMP	28	GF
AF11	29	SPACE	12	12	12"	20	1			0.5	0.5	1	20	12	12	12	ELEVATOR CABINETS	30	AF
AF12	31	GAS WATER HEAT	12	12	12"	20	1	0.5	0.3			1	20	12	12	12	AV	34	AF
AF010	33	SPACE	12	12	12"	20	1	2.0	0.3			1	20	12	12	12	AV	36	AF
AF13	35	SPACE	12	12	12"	20	1			2.0	0.5	1	20	12	12	12	FAMILY ROOM/HALLWAYS/BATH/POWDER LITS	40	AF
AF14	37	WASHER/DYER	12	12	12"	20	1	1.5				1	20	12	12	12	ELEVATOR PIT SHAFT LITS	42	AF
AF15	39	SPACE															SPACE		
AF16	41	SPACE															SPACE		
AF17	43	SPACE															SPACE		
AF18	45	SPACE															SPACE		
AF19	47	SPACE															SPACE		
AF20	49	SPACE															SPACE		
AF21	51	SPACE															SPACE		
AF22	53	SPACE															SPACE		
TOTAL CONNECTED LOAD PER PHASE								79.3	33.3	100.0	8.0					10A			
TOTAL CONNECTED LOAD PANEL A																AMP			
TOTAL CONNECTED										138.8									
AF - ARC FAULT PROTECTED CIRCUIT BREAKER GF - GFI GROUND FAULT PROTECTED C.B. HC - NO DISCONNECT/LOAD MC - MC CABLE R - RCMSE																			