

Branch Panel: 1EL-C1										
Location: SWITCHGEAR ROOM 172				Volts: 120/208 Wye				A.I.C. Rating: 22,000		
Supply From: T2				Phases: 3				Mains Type: MCB		
Mounting: Surface				Wires: 4				Mains Rating: 225 A		
Enclosure: Type 1								MCB Rating: 225 A		
Notes: PROVIDE FEED THROUGH LUGS										
CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT
LC1:1	RECEPT-RM 136, 134, 132	20	1	540	1176		1	20	PLBG-513-PP4	LC1:2
LC1:3	LTG-BATH, GEN 137	20	1		712	1080			RECEPT-RM 173	LC1:4
LC1:5	RECEPT-MECH ROOM 150	20	1			360	300	2	513-FCU-1-12,13,14	LC1:6,8
LC1:7	RECEPT-ELEV 2	20	1	180	300		--	--		
LC1:9	RECEPT-ELEV 1-2	20	1		180	180	1	20	RECEPT-ELEV 1-2	LC1:10
LC1:11										LC1:12
LC1:13										LC1:14
LC1:15										LC1:16
LC1:17,19	2EL-C1 (*)	20	3			9583	360	1	RECEPT-RM 172, 173	LC1:18
--	--	--	--	9148	699		2	20	513-FCU-1-15 THROUGH 24	LC1:20,22
--	--	--	--		6317	699	--	--	--	
LC1:23	RECEPT-MED SUPPLY 144	20	1			360	720	1	RECEPT-EMR 151	LC1:24
LC1:25	RECEPT-COMM CLOSET 145	20	1	360	360			1	RECEPT-COMM CLOSET 145	LC1:26
LC1:27	RECEPT-COMM CLOSET 145	20	1		540	1000		1	RACK RECEPT-COMM CLOSET 145	LC1:28
LC1:29	RACK RECEPT-COMM CLOSET 145	20	1			1000	1000	1	RACK RECEPT-COMM CLOSET 145	LC1:30
LC1:31	RACK RECEPT-COMM CLOSET 145	20	1	1000	595			1	LTG-COMM CLOSET 145	LC1:32
LC1:33	LTG-ELEVATOR CAB LIGHTS	20	1		500	500	1	20	LTG-ELEVATOR CAB LIGHTS	LC1:34
LC1:35,37	HVAC-513-WH3, RM 150	15	2			7				LC1:36
--	--	--	--	7						LC1:38
LC1:39										LC1:40
LC1:41										LC1:42
Total				14365 VA	11708 VA	13690 VA				
Total A				122 A	98 A	117 A				
Legend:										
(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER										
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals						
HVAC	15677 VA	70.00%	10974 VA							
Lighting	2190 VA	125.00%	2738 VA							
Other	0 VA	0.00%	0 VA	Total Conn. Load: 39764 VA						
Power	1000 VA	70.00%	700 VA	Total Est. Demand: 31955 VA						
Receptacle	9720 VA	100.00%	9720 VA	Total Conn.: 1110 A						
IT Comm equipment	10000 VA	70.00%	7000 VA	Total Est. Demand: 89 A						
Plumbing	1176 VA	70.00%	823 VA							
Notes:										
1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.										

Branch Panel: 1EL-LS2

Location: ELEC RM 125

Supply From: T5

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MCB

Mains Rating: 100 A

MCB Rating: 100 A

Notes: PROVIDE FEED THROUGH LUGS

CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT
LS2:1,3,5	2EL-LS2 (*)	20	3	946	186		1	20	LTG-GTD, EAST	LS2:2
--	--	--	--		100	491	1	20	LTG-CORRIDOR 158	LS2:4
--	--	--	--			240	500	1	MED GAS PNL-RM 122	LS2:6
LS2:7	HVAC-513-FOP-1A, FUEL OIL PUMP	20	1	432	432			1	HVAC-513-FOP-1B, FUEL OIL PUMP	LS2:8
LS2:9										LS2:10
LS2:11	HOOD FIRE SUPPRESSION SYS.	20	1			240				LS2:12
LS2:13										LS2:14
LS2:15										LS2:16
LS2:17										LS2:18
LS2:19										LS2:20
LS2:21										LS2:22
LS2:23										LS2:24
LS2:25										LS2:26
LS2:27										LS2:28
LS2:29										LS2:30
Total				1996 VA	591 VA	980 VA				
Total A				17 A	5 A	9 A				

Legend:

(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	864 VA	70.00%	605 VA	Total Conn. Load:	3567 VA
Lighting	1623 VA	125.00%	2029 VA	Total Est. Demand:	3714 VA
Other	1080 VA	100.00%	1080 VA	Total Conn.:	110 A
				Total Est. Demand:	10 A

Notes:

1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.

Branch Panel: 1EL-C2

Location: ELEC RM 125

Supply From: T4

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MCB

Mains Rating: 100 A

MCB Rating: 100 A

Notes: PROVIDE FEED THROUGH LUGS

CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT
LC2:1	RECEPT-BEDROOM, RES 104	20	1	900	720		1	20	RECEPT-BEDROOM, RES 116	LC2:2
LC2:3,5	HVAC-FCU'S, RM 102, 104, 108	20	2		490	599	2	20	FCU'S - RM 110,112,114,116,118,120	LC2:4,6
--	--	--	--			490	599	--	--	
LC2:7	RECEPT-MED RM 123	20	1	1430						LC2:8
LC2:9	LTG-BATH, GEN 105	20	1		942	500	1	20	RECEPT-HOUSE CARE WS 122	LC2:10
LC2:11	LTG-BATH, GEN 115	20	1			704	2793	3	20	2EL-C2 (*)
LC2:13	LTG-ELEC RM 125	20	1	60	2152		--	--		LC2:12,14,
LC2:15					2089		--	--		
LC2:17										LC2:18
LC2:19										LC2:20
LC2:21										LC2:22
LC2:23										LC2:24
LC2:25										LC2:26
LC2:27										LC2:28
LC2:29										LC2:30
Total				5262 VA	4620 VA	4586 VA				
Total A				44 A	39 A	38 A				

Legend:
(*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	4356 VA	70.00%	3049 VA	Total Conn. Load: 14468 VA Total Est. Demand: 14014 VA Total Conn.: 40 A Total Est. Demand: 39 A
Lighting	3412 VA	125.00%	4265 VA	
Other	3100 VA	100.00%	3100 VA	
Receptacle	3600 VA	100.00%	3600 VA	

Notes:
1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.

Branch Panel: 1NL1										
Location: MAIN ELECTRIC ROOM					Volts: 120/208 Wye			A.I.C. Rating: 22,000		
Supply From: T6					Phases: 3			Mains Type: MCB		
Mounting: Surface					Wires: 4			Mains Rating: 225 A		
Enclosure: Type 1								MCB Rating: 225 A		
Notes: PROVIDE FEED THROUGH LUGS										
CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT
L1:1	RECEPT-RAINWATER PUMP	20	1	1080	240		1	20	LTG-MAIN ELECTRIC ROOM 171	L1:2
L1:3	RECEPT- IRRIGATION CTRL	20	1		180	1230		1	LTG-VESTIBULE 161	L1:4
L1:5	LTG-GTD, WEST	20	1			577	696	1	PLBG-513-PP1	L1:6
L1:7	LTG-BREAKFAST NOOK 129	20	1	348	696			1	PLBG-513-PP3	L1:8
L1:9	LTG-SOILED UTIL 142	20	1		518	271		1	HVAC-EF5.6,7-ROOF	L1:10
L1:11	RECEPT-WASHER, LAUNDRY 138	20	1			1000	180	1	RECEPT- STAIR 2-2, 3-2	L1:12
L1:13	RECEPT-RM 134, 132, 136	20	1	540	1080			1	RECEPT-BEDROOM, RES 136	L1:14
L1:15	RECEPT-BEDROOM, RES 136	20	1		1260	1080		1	RECEPT-BEDROOM, RES 132	L1:16
L1:17	RECEPT-RM 173	20	1			900	1260	1	RECEPT-VESTIBULE 161	L1:18
L1:19	RECEPT-CORRIDOR 156	20	1	1260	2000			2	30 RECEPT-DRYER, LAUNDRY 138	L1:20,22
L1:21	RECEPT-LAUNDRY 138	20	1		540	2000		--	--	
L1:23	RECEPT-EMR 151	20	1			180	540	1	RECEPT-LAUNDRY 138	L1:24
L1:25	RECEPT-INTERDISC, OFFICE 147	20	1	540	1620			1	RECEPT-EMR 151	L1:26
L1:27	RECEPT-SOILED UTIL 142	20	1		360	540		1	RECEPT-INTERDISC, OFFICE 147	L1:28
L1:29	LTG-INTERDISC, OFFICE 147	20	1			828	720	1	RECEPT-OFFICE 154	L1:30
L1:31	RECEPT-CORRIDOR 157	20	1	1080	1063			1	LTG-BEDROOM, RES 136	L1:32
L1:33	RECEPT-MAIN ELECTRIC ROOM	20	1		540	900		1	RECEPT-EXTERIOR	L1:34
L1:35,37	HVAC-513-ACU-1-3	20	2			1352	8683	3	20 2NL1 (*)	L1:36,38,40
	--	--	--	1352	9864			--	--	
L1:39,41	HVAC-513-ACU-1-4	20	2		1352	9715		--	--	
	--	--	--			1352		--	--	L1:42
L1:43				1352				2	20 HVAC-513-ACU-1-5	L1:44,46
L1:45					1352			--	--	
L1:47										L1:48
L1:49										L1:50
L1:51										L1:52
L1:53										L1:54
L1:55										L1:56
L1:57										L1:58
L1:59										L1:60
L1:61										L1:62
L1:63										L1:64
L1:65										L1:66
L1:67										L1:68
L1:69										L1:70
L1:71										L1:72
L1:73										L1:74
L1:75										L1:76
L1:77										L1:78
L1:79										L1:80
L1:81										L1:82
L1:83										L1:84
		Total		24115 VA	21838 VA	18268 VA				
		Total A		206 A	187 A	152 A				
Legend: (*) = FEEDTHRU PANEL LOAD FOR COMPUTATIONAL PURPOSES ONLY. PROVIDE SPACES IN LIEU OF ASSIGNED CIRCUIT BREAKER										
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals					
HVAC		11129 VA	70.00%	7790 VA	Total Conn. Load: 54221 VA					
Lighting		10920 VA	125.00%	13650 VA	Total Est. Demand: 53705 VA					
Other		11800 VA	100.00%	11800 VA	Total Conn.: 178 A					
Receptacle		28880 VA	67.25%	19450 VA	Total Est. Demand: 149 A					
Plumbing		1392 VA	70.00%	974 VA						
Notes:										
1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES..										