

Branch Panel: 2EH-C1																										
Location: CORRIDOR 256/ELEC RM 250																										
Supply From: 1EH-C1																										
Mounting: SURFACE																										
Enclosure: Type 1																										
Volts: 480/277 Wye																										
Phases: 3																										
Wires: 4																										
A.I.C. Rating: 22,000																										
Mains Type: MLO																										
Mains Rating: 225 A																										
MCB Rating:																										
Notes:																										
CKT	Circuit Description								Trip	P	A	B	C	P	Trip	Circuit Description								CKT		
HC1:1,3,5	VRF HEAT PUMP 513-HP-2, CKT#1								40	3	7479	7479			3	40	VRF HEAT PUMP 513-HP-2, CKT#2								HC1:2,4,6	
--	--								--	--		7479	7479		--	--	--								--	
--	--								--	--			7479	7479		--	--	--								--
HC1:7,9,11	VRF HEAT PUMP 513-HP-1, CKT #1								40	3	7479	7479			3	40	VRF HEAT PUMP 513-HP-2, CKT#2								HC1:8,10,1	
--	--								--	--		7479	7479		--	--	--								--	
--	--								--	--			7479	7479		--	--	--								--
HC1:13,15,	513-AHU-1 EMERGENCY CKT								25	3	8310														HC1:14	
--	--								--	--		8310													HC1:16	
--	--								--	--			8310												HC1:18	
HC1:19																									HC1:20	
HC1:21																									HC1:22	
HC1:23																									HC1:24	
HC1:25																									HC1:26	
HC1:27																									HC1:28	
HC1:29																									HC1:30	
HC1:31																									HC1:32	
HC1:33																									HC1:34	
HC1:35																									HC1:36	
HC1:37																									HC1:38	
HC1:39																									HC1:40	
HC1:41																									HC1:42	
Total										38226 VA		38226 VA		38226 VA												
Total A										138 A		138 A		138 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								114678 VA				70.00%				80275 VA				Total Conn. Load: 114678 VA						
																				Total Est. Demand: 80275 VA						
																				Total Conn.: 138 A						
																				Total Est. Demand: 97 A						
Notes:																										
1. BLANK CIRCUIT ENTRIES REPRESENT SPACES..																										

Branch Panel: 2NL1													
Location: ELEC ROOM 250				Volts: 120/208 Wye				A.I.C. Rating: 10,000					
Supply From: 1NL1				Phases: 3				Mains Type: MLO					
Mounting: Surface				Wires: 4				Mains Rating: 225 A					
Enclosure: Type 1								MCB Rating:					
Notes:													
CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT			
L1:1	LTG-EDUCATION ROOM 262	20	1	552	720		1	20	RECEPT-BEDROOM, RES 232	L1:2			
L1:3	RECEPT-ROOFTOP HVAC	20	1		720	1440		1	20	RECEPT-RM 236, 234	L1:4		
L1:5	RECEPT-EDUCATION ROOM 262	20	1				720	1260	1	20	RECEPT-RM 236, 234, 232	L1:6	
L1:7	RECEPT-INTERDISC. OFFICE 247	20	1	540	360			1	20	RECEPT-INTERDISC. OFFICE 247	L1:8		
L1:9	RECEPT-WASHER, LAUNDRY 238	20	1		1000	720		1	20	RECEPT-OFFICE 253	L1:10		
L1:11	RECEPT-TOILET 226	20	1				1440	1440	1	20	RECEPT-ELEV VEST 261	L1:12	
L1:13	RECEPT-BEDROOM, RES 232	20	1	540	900			1	20	RECEPT-LAUNDRY 238	L1:14		
L1:15	LTG-SERVICE CORRIDOR 263	20	1			540	389	1	20	LTG-PUBLIC CORRIDOR 264	L1:16		
L1:17	RECEPT-MULE STORAGE 266	20	1				360	360	1	20	RECEPT-MULE STORAGE 266	L1:18	
L1:19	RECEPT-SERVICE CORRIDOR 263	20	1	540	900			1	20	RECEPT-SERVICE CORRIDOR 263	L1:20		
L1:21	RECEPT-PUBLIC CORRIDOR 264	20	1			540	900	1	20	RECEPT-PUBLIC CORRIDOR 264	L1:22		
L1:23,25	HVAC-513-ERV1; LINK CONNECTOR	15	2				177	762	1	20	LTG-246	L1:24	
--	--	--	--	177	348				1	20	LTG-ELEV VEST 261	L1:26	
L1:27	LTG-SERVICE CORRIDOR 263	20	1			865	1007		1	20	LTG-BEDROOM, RES 236	L1:28	
L1:29,31	HVAC-513-ERV2; LINK CONNECTOR	20	2				177	510	2	20	HVAC-513-EF3	L1:30,32	
--	--	--	--	177	510				--	--	--	--	
L1:33	LTG-CORRIDOR 256	20	1			1047	510		2	20	HVAC-513-EF2	L1:34,36	
L1:35,37	RECEPT-DRYER, LAUNDRY 238	30	2					2000	510				
--	--	--	--	2000	420				1	20	LTG-SERVICE CORRIDOR 263	L1:38	
L1:39	LTG-EXT LINK CONNECTOR VIA	20	1			186						L1:40	
L1:41												L1:42	
Total				8683 VA		9864 VA		9715 VA					
Total A				72 A		84 A		82 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	2746 VA	70.00%	1922 VA										
Lighting	6117 VA	125.00%	7646 VA	Total Conn. Load: 28262 VA									
Other	6260 VA	100.00%	6260 VA	Total Est. Demand: 27398 VA									
Receptacle	13140 VA	88.05%	11570 VA	Total Conn.: 78 A									
				Total Est. Demand: 76 A									
Notes: 1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.													

Branch Panel: 2NH1													
Location: BEDROOM, RES 236/ELEC RM 250													
Supply From: 1NH1				Volts: 480/277 Wye				A.I.C. Rating: 22,000					
Mounting: Recessed				Phases: 3				Mains Type: MLO					
Enclosure: Type 1				Wires: 4				Mains Rating: 225 A					
MCB Rating:													
Notes:													
CKT	Circuit Description	Trip	P	A	B	C	P	Trip	Circuit Description	CKT			
H1:1	HVAC-513-UH-2-1, FOYER 200	20	1	1548						H1:2			
H1:3,5,7	513-AC-2-1 RECEIVING 267	20	3		6000					H1:4			
--	--	--	--			6000				H1:6			
--	--	--	--	6000						H1:8			
H1:9										H1:10			
H1:11										H1:12			
H1:13										H1:14			
H1:15										H1:16			
H1:17										H1:18			
H1:19										H1:20			
H1:21										H1:22			
H1:23										H1:24			
H1:25										H1:26			
H1:27										H1:28			
H1:29										H1:30			
H1:31										H1:32			
H1:33										H1:34			
H1:35										H1:36			
H1:37										H1:38			
H1:39										H1:40			
H1:41										H1:42			
Total				7548 VA	6000 VA	6000 VA							
Total A				27 A	22 A	22 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		1548 VA		70.00%		1084 VA		Total Conn. Load: 19548 VA					
Other		18000 VA		100.00%		18000 VA		Total Est. Demand: 19084 VA					
								Total Conn.: 24 A					
								Total Est. Demand: 23 A					
Notes: 1. BLANK CIRCUIT ENTRIES REPRESENT SPARES AND SPACES. PROVIDE 50% SPARE 20A/1P BREAKERS AND 50% SPACES FOR BLANK ENTRIES.													