

PANELBOARD: "PP1"
 BUS AMPACITY: 225
 BRANCH BRKR. MTG. SPACE: 42 SPACE
 MLO: MAIN BREAKER: 225
 PANEL MANUFACTURER: SQUARE-D
 ISOLATED GROUND BAR:

VOLTAGE/PHASE: 120/208V, 3Ø-4W
 EQUIPMENT GROUND BAR: X
 SURFACE MOUNTED: X RECESSED:
 INTERRUPT CAPACITY: 10,000 AIC
 FEEDER BREAKER SIZE: 200A
 ACCESSORIES:

PANELBOARD: "PP2"
 BUS AMPACITY: 225
 BRANCH BRKR. MTG. SPACE: 42 SPACE
 MLO: MAIN BREAKER: X
 PANEL MANUFACTURER: SQUARE-D
 ISOLATED GROUND BAR:

VOLTAGE/PHASE: 120/208V, 3Ø-4W
 EQUIPMENT GROUND BAR: X
 SURFACE MOUNTED: X RECESSED:
 INTERRUPT CAPACITY: 10,000 AIC
 FEEDER BREAKER SIZE: 200A
 ACCESSORIES:

LOAD	CKT NO.	BKR A/P	WIRE SIZE	KW/PHASE			KW/PHASE			WIRE SIZE	BKR A/P	CKT NO.	LOAD	
				A	B	C	A	B	C					
RECEPS: RM: 1114	1	20/1	12	0.9			0.7			12	20/1	2	RECEPS: RM: 1115	
RECEPS: RM: 1115	3	20/1	12		0.5			0.7		12	20/1	4	RECEPS: RM: 1208,1209,1211	
RECEPS: RM: 1113	5	20/1	12			0.7			0.7	12	20/1	6	RECEPS: RM: 1113	
RECEPS: RM: 1113	7	20/1	12	0.5			0.5			12	20/1	8	RECEPS: RM: 1113	
RECEPS: RM: 1109	9	20/1	12		0.9			0.9		12	20/1	10	RECEPS: RM: 1108	
RECEPS: RM: 1107,1111	11	20/1	12			1.1			0.9	12	20/1	12	RECEPS: RM: 1106	
RECEPS: RM: 1105	13	20/1	12	0.9			0.9			12	20/1	14	RECEPS: RM: 1104	
RECEPS: RM: 1102,1103	15	20/1	12		0.9			1.1		12	20/1	16	RECEPS: RM: 1111	
RECEPS: RM: 1110	17	20/1	12			0.9			0.9	12	20/1	18	RECEPS: RM: 1112	
RECEPS: RM: 1102	19	20/1	12	0.7			0.5			12	20/1	20	RECEPS: RM: 11101	
RECEPS: RM: 1004	21	20/1	12		0.7		0.5			12	20/1	22	RECEPS: RM: 1004 REFRIG.	
RECEPS: RM: 1004-COUNTER	23	20/1	12			0.5			0.5	12	20/1	24	RECEPS: RM: 1201	
RECEPS: RM: 1202	25	20/1	12	0.9			0.9			12	20/1	26	RECEPS: RM: 1203	
RECEPS: RM: 1204	27	20/1	12		0.9			0.9		12	20/1	28	RECEPS: RM: 1205	
RECEPS: RM: 1206,1207,1210	29	20/1	12			0.9			0.5	12	20/1	30	RECEPS: EWC	
RECEPS: RM: 1002	31	20/1	12	1.1			0.7			12	20/1	32	RECEPS: RM: 1001/1113A	
RECEPS: RM: 1009,1010	33	20/1	12		0.7			1.1		12	20/1	34	RECEPS: RM: 1301	
AHU-18, 23-31/BCC	35	20/2	12			0.3			0.3	12	20/2	36	AHU-17,19-22,33-36/BCC	
	37			0.3			0.3					38		
	39											40		
	41											42		
SUBTOTAL / PHASE				5.3	4.6	4.4	4.5	5.2	3.8					
TOTAL / PHASE				9.8	9.8	8.2								

PANEL SHALL BE FED FROM EXISTING SWITCHBOARD IN BASEMENT - CIRCUIT SHALL BE (4)#3/0, (1)#6 GRD-2°C

LOAD	CKT NO.	BKR A/P	WIRE SIZE	KW/PHASE			KW/PHASE			WIRE SIZE	BKR A/P	CKT NO.	LOAD	
				A	B	C	A	B	C					
LTG: RM: 1001,1002,1003,1101,1103,1105,1106,1113A	1	20/1	12	1.3			1.3			12	20/1	2	LTG: RM: 1004,1202,1203,1204,1205,1206,1207,1208,1209	
LTG: RM: 1102,1111,1201,1210,1211	3	20/1	12		1.2			1.3		12	20/1	4	LTG: RM: 1107,1108,1109,1110,1112,1113	
LTG: RM: 1113 "C" & "B"	5	20/1	12			1.0			0.8	12	20/1	6	LTG: RM: 1113 "A"	
LTG: RM: 1009,1010,1301	7	20/1	12	1.0			3.3			8	50/2	8	WH-1 RM1209	
HEAT TAPE	9	20/1	12		1.0			3.3				10		
WH-1 RM 1208	11	50/2	8			3.3			1.0	12	20/1	12	P-1 (EACH BCC/AHU PP1-36)	
	13			3.3								14		
P-1 (EACH AHU/BCC PP1-35)	15	20/1	12		1.0							16		
AHU'S/BCC BASEMENT	17	20/2	12									18		
	19											20		
	21											22		
	23											24		
	25											26		
	27											28		
	29											30		
	31											32		
	33											34		
	35											36		
	37											38		
	39											40		
	41											42		
SUBTOTAL / PHASE				5.6	3.2	4.3	4.6	4.6	1.8					
TOTAL / PHASE				10.2	7.8	6.1								

PANEL SHALL BE FED FROM EXISTING SWITCHBOARD IN BASEMENT - CIRCUIT SHALL BE (4)#3/0, (1)#6 GRD-2°C

PANELBOARD: EXISTING RENAME "PP3"
 BUS AMPACITY: XX
 BRANCH BRKR. MTG. SPACE: 42 SPACE
 MLO: X MAIN BREAKER:
 PANEL MANUFACTURER: SQUARE-D
 ISOLATED GROUND BAR:

VOLTAGE/PHASE: 120/208V, 3Ø-4W
 EQUIPMENT GROUND BAR: X
 SURFACE MOUNTED: X RECESSED: X
 INTERRUPT CAPACITY: 10,000 AIC
 FEEDER BREAKER SIZE:
 ACCESSORIES:

PANELBOARD: "PP4"
 BUS AMPACITY: 200
 BRANCH BRKR. MTG. SPACE: 42 SPACE
 MLO: MAIN BREAKER: X
 PANEL MANUFACTURER: SQUARE-D
 ISOLATED GROUND BAR:

VOLTAGE/PHASE: 120/208V, 3Ø-4W
 EQUIPMENT GROUND BAR: X
 SURFACE MOUNTED: X RECESSED: X
 INTERRUPT CAPACITY: 10,000 AIC
 FEEDER BREAKER SIZE: 200A
 ACCESSORIES:

PANELBOARD: "PP5"
 BUS AMPACITY: 400
 BRANCH BRKR. MTG. SPACE: 30 SPACE
 MLO: MAIN BREAKER: X
 PANEL MANUFACTURER: SQUARE-D
 ISOLATED GROUND BAR:

VOLTAGE/PHASE: 120/208V, 3Ø-4W
 EQUIPMENT GROUND BAR: X
 SURFACE MOUNTED: X RECESSED:
 INTERRUPT CAPACITY: 10,000 AIC
 FEEDER BREAKER SIZE:
 ACCESSORIES: NEMA 3R

LOAD	CKT NO.	BKR A/P	WIRE SIZE	KW/PHASE			KW/PHASE			WIRE SIZE	BKR A/P	CKT NO.	LOAD	
				A	B	C	A	B	C					
(E) SNOW MELT SYSTEM	1	20/1	12							12	20/1	2	(E) SNOW MELT SYSTEM	
WH-2	3	35/2	8		2.3			0.5		12	20/1	4	P-1	
	5					2.3			0.7	12	20/1	6	RECEPS: MAIL ROOM	
RECEPS: MENS/WOMENS	7	20/1	12	0.7			0.1			12	20/2	8	AHU-17	
	9						0.1					10		
	11	20/1	12							12	20/1	12		
	13	20/1	12							12	20/1	14		
	15	20/1	12							12	20/1	16		
	17	20/1	12							12	20/1	18		
	19	20/1	12							12	20/1	20		
	21	20/1	12							12	20/1	22		
	23	20/1	12							12	20/1	24		
	25	20/1	12							12	20/1	26		
	27											28		
	29											30		
	31											32		
	33											34		
	35											36		
	37											38		
	39											40		
	41											42		
SUBTOTAL / PHASE				.7	2.3	2.3	0.1	0.6	0.7					
TOTAL / PHASE				.8	2.9	3.0								

LOAD	CKT NO.	BKR A/P	WIRE SIZE	KW/PHASE			KW/PHASE			WIRE SIZE	BKR A/P	CKT NO.	LOAD	
				A	B	C	A	B	C					
RECEPS: LOBBY	1	20/1	12	0.9			0.9			12	20/1	2	RECEPS: CONF 1408	
RECEPS: OFFICE 1404	3	20/1	12		0.7			0.2		12	20/1	4	RECEPS: KITCHEN	
RECEPS: KITCHEN	5	20/1	12			0.4			0.7	12	20/1	6	RECEPS: OFFICE 1505	
RECEPS: OFFICE 1509	7	20/1	12	0.7			0.7			12	20/1	8	RECEPS: OFFICE 1510	
RECEPS: OFFICE 1511	9	20/1	12		0.5			0.4		12	20/1	10	RECEPS: RESTROOMS	
RECEPS: KITCHEN FRIDGE	11	20/1	12			0.5			0.9	12	20/1	12	RECEPS: OFFICE 1507	
RELOCATED EXISTING LOADS	13	20/1	12							12	20/1	14	RELOCATED EXISTING LOADS	
RELOCATED EXISTING LOADS	15	20/1	12							12	20/1	16	RELOCATED EXISTING LOADS	
RELOCATED EXISTING LOADS	17	20/1	12							12	20/1	18	RELOCATED EXISTING LOADS	
RELOCATED EXISTING LOADS	19	20/1	12							12	20/1	20	RELOCATED EXISTING LOADS	
RELOCATED EXISTING LOADS	21	20/1	12							12	20/1	22	RELOCATED EXISTING LOADS	
RELOCATED EXISTING LOADS	23	20/1	12							12	20/1	24	RELOCATED EXISTING LOADS	
RELOCATED EXISTING LOADS	25	20/1	12							12	20/1	26	RELOCATED EXISTING LOADS	
AHU'S - 2,3,4,7A,6,7B,5 BCC'S - 1A/1B	27	20/2	12		0.3			0.3		12	20/2	28	AHU'S-9,11,10,12A,12B,13,15,14,6,8	
	29					0.3			0.3			30		
EF-3/4	31	20/1	12	0.3								32		
	33											34		
	35											36		
	37											38		
	39											40		
	41											42		
SUBTOTAL / PHASE				2.1	1.5	1.2	1.6	0.9	1.9					
TOTAL / PHASE				3.7	2.4	3.1								

PANEL SHALL BE FED FROM EXISTING PANELBOARD CIRCUIT REMOVED FROM DEMOLITION IN BASEMENT - CIRCUIT SHALL BE (4)#3/0, (1)#6 GRD-2°C

LOAD	CKT NO.	BKR A/P	WIRE SIZE	KW/PHASE			KW/PHASE			WIRE SIZE	BKR A/P	CKT NO.	LOAD	
				A	B	C	A	B	C					
RECEPTACLE	1	20/1	12	0.2			0.5			12	20/1	2	CONTROL PANEL	
	3				4.1			5.8				4		
AHU-1 SUPPLY FAN	5	60/3	6			4.1			5.8	4	80/3	6	VRF-1, MOD 1	
	7											8		
	9											10		
VRF-1, MOD 2	11	80/3	4		5.2		5.2		5.8	4	80/3	12	VRF-2, MOD 1	
	13				5.2			5.8				14		
	15					5.2			4.5			16		
VRF-2, MOD 2	17	80/3	4			5.2			4.5	6	50/3	18	DOAS-1	
	19				5.2							20		
	21						1.4		1.6			22		
P-1	23	20/2	12				1.4		1.6	10	25/3	24	RF-1	
SNOW SENSORS	25	20/1	12	1.0				1.6		12	20/1	28	P-2/P-3	
	27							1.1				29		
	29											30		
SUBTOTAL / PHASE				15.7	15.9	15.9	18.2	18.8	17.7					
TOTAL / PHASE				33.9	34.7	33.6								

*PANEL SHALL BE FED FROM EXISTING SERVICE PANEL IN BASEMENT (4)500 MCM, (1)#2 GRD-4°C

