

PANEL SCHEDULE LEGEND

MAIN
CB = CIRCUIT BREAKER
LO = LUGS ONLY

BRANCH CIRCUIT BREAKER TYPE
A = ARC FAULT CIRCUIT INTERRUPTER
G = GROUND FAULT CIRCUIT INTERRUPTER
S = SHUNT TRIP
V = VARIABLE (ADJUSTABLE TRIP)
E = EQUIPMENT GROUND FAULT PROTECTION
L = LOCKOUT DEVICE
O = LOCK ON DEVICE OR BREAKER
R = RED MARKING ON BREAKER

LOAD TYPE
L = LIGHTING
R = RECEPTACLE
H = HVAC
M = MISCELLANEOUS
V = VARIOUS

AMPS TRIP
C = COORDINATE WITH EQUIPMENT MANUFACTURER

MISCELLANEOUS
SN = SOLID NEUTRAL
EQP GND = EQUIPMENT GROUND BUS
IG = INSULATED GROUND BUS
SPD = SURGE PROTECTIVE DEVICE

PANEL		HDP1		MOUNTING		SURFACE		LOCATION		CURE BAY		MAIN BUS RATING		800		AMPS			
MAIN		CB		POLES		3		FRAME		800		TRIP		800		MINIMUM BREAKER INTERRUPTING CAPACITY			
VOLTAGE		480Y/277		PHASE		3										35KAIC			
ACCESSORIES SN + EQP GND																			
DEVICE		BRANCH CIRCUIT						PHASE LOAD			BRANCH CIRCUIT						DEVICE		
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP			
30	3	H		DOAS-5	5820	1	14154			2	8334	DOAS-6 DUCT HEATER #1	H		3	40			
-	-	H			5820	3				4	8334		H			-			
-	-	H			5820	5				6	8334		H			-			
15	3	H	F5	DOAS-5	2106	7	10440			8	8334	DOAS-6 DUCT HEATER #2	H		3	40			
-	-	H			2106	9				10	8334		H			-			
-	-	H			2106	11				12	8334		H			-			
40	3	H		DOAS-5 DUCT HEATER	8334	13	14154			14	5820	DOAS-4	H		3	30			
-	-	H			8334	15				16	5820		H			-			
-	-	H			8334	17				18	5820		H			-			
40	3	H		DOAS-5 DUCT HEATER	8334	19	10440			20	2106	F4 DOAS-4	H		3	15			
-	-	H			8334	21				22	2106		H			-			
-	-	H			8334	23				24	2106		H			-			
30	3	H		DOAS-6	5820	25	14154			26	8334	DOAS-4 DUCT HEATER #1	H		3	40			
-	-	H			5820	27				28	8334		H			-			
-	-	H			5820	29				30	8334		H			-			
15	3	H	F6	DOAS-6	2106	31	10440			32	8334	DOAS-4 DUCT HEATER #2	H		3	40			
-	-	H			2106	33				34	8334		H			-			
-	-	H			2106	35				36	8334		H			-			
400	3	S		H1-SEC1	56681	37	81275			38	24594	H1 SEC2				100			
-	-	S			59181	39				40	24594					-			
-	-	S			59181	41				42	24594					-			
TOTAL																			
							155057	157557	157557				470 KVA (CONNECTED)			566 AMPS (CONNECTED)			
													278 KVA (DEMAND)			334 AMPS (DEMAND)			

PANEL		H1-SEC1		MOUNTING		SURFACE		LOCATION		CURE BAY		MAIN BUS RATING		400		AMPS			
MAIN		LO		POLES		3		FRAME		TRIP						MINIMUM BREAKER INTERRUPTING CAPACITY			
VOLTAGE		480Y/277		PHASE		3										35KAIC			
ACCESSORIES SN + EQP GND																			
DEVICE		BRANCH CIRCUIT						PHASE LOAD			BRANCH CIRCUIT						DEVICE		
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP			
30	3	H		DOAS-1	5820	1	11640			2	5820	DOAS-2	H		3	30			
-	-	H			5820	3				4	5820		H			-			
-	-	H			5820	5				6	5820		H			-			
15	3	H	F5	DOAS-1	2106	7	4212			8	2106	F6 DOAS-2	H		3	15			
-	-	H			2106	9				10	2106		H			-			
-	-	H			2106	11				12	2106		H			-			
40	3	H		DOAS-1 DUCT HEATER #1	8334	13	16668			14	8334	DOAS-2 DUCT HEATER #1	H		3	40			
-	-	H			8334	15				16	8334		H			-			
-	-	H			8334	17				18	8334		H			-			
40	3	H		DOAS-1 DUCT HEATER #2	8334	19	16668			20	8334	DOAS-2 DUCT HEATER #2	H		3	40			
-	-	H			8334	21				22	8334		H			-			
-	-	H			8334	23				24	8334		H			-			
20	3	H	EF-2		831	25	3331			26	2500	EUH-1	H		2	20			
-	-	H			831	27				28	2500		H			-			
-	-	H			831	29				30	2500	EUH-2	H		2	20			
20	3	H	EF-3		831	31	3331			32	2500		H			-			
-	-	H			831	33				34	2500	EUH-3	H		2	20			
-	-	H			831	35				36	2500		H			-			
20	3	H	EF-1		831	37	831			38		SPARE				1	20		
-	-	H			831	39				40	2500	EUH-4	H		2	20			
-	-	H			831	41				42	2500		H			-			
TOTAL																			
							56681	59181	59181				175 KVA (CONNECTED)			211 AMPS (CONNECTED)			
													175 KVA (DEMAND)			211 AMPS (DEMAND)			

PANEL		H1-SEC2		MOUNTING		SURFACE		LOCATION		CURE BAY		MAIN BUS RATING		400		AMPS			
MAIN		LO		POLES		3		FRAME		TRIP						MINIMUM BREAKER INTERRUPTING CAPACITY			
VOLTAGE		480Y/277		PHASE		3										35KAIC			
ACCESSORIES SN + EQP GND																			
DEVICE		BRANCH CIRCUIT						PHASE LOAD			BRANCH CIRCUIT						DEVICE		
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP			
20	1		SPARE		5820	1	5820			2	5820	DOAS-3	H		3	30			
20	1		SPARE		5820	3				4	5820		H			-			
20	1		SPARE		5820	5				6	5820		H			-			
20	1		SPARE		2106	7	2106			8	2106	F4 DOAS-3	H		3	15			
20	1		SPARE		2106	9				10	2106		H			-			
20	1		SPARE		2106	11				12	2106		H			-			
20	1		SPARE		8334	13	8334			14	8334	DOAS-3 DUCT HEATER #1	H		3	40			
20	1		SPARE		8334	15				16	8334		H			-			
20	1		SPARE		8334	17				18	8334		H			-			
25	3		SPARE		8334	19	8334			20	8334	DOAS-3 DUCT HEATER #2	H		3	40			
-	-				8334	21				22	8334		H			-			
-	-				8334	23				24	8334		H			-			
30	3		SPARE		25	25				26		SPARE				1	20		
-	-				27	27				28		SPARE				1	20		
-	-				29	29				30		SPARE				1	20		
30	3		SPARE		31	31				32		SPARE				1	20		
-	-				33	33				34		SPARE				1	20		
-	-				35	35				36		SPARE				1	20		
30	3		SPARE		37	37				38		SPARE				1	20		
-	-				39	39				40		SPARE				1	20		
-	-				41	41				42		SPARE				1	20		
TOTAL																			
							24594	24594	24594				74 KVA (CONNECTED)			89 AMPS (CONNECTED)			
													74 KVA (DEMAND)			89 AMPS (DEMAND)			

PANEL		H2		MOUNTING		SURFACE		LOCATION		ELEC RM		MAIN BUS RATING		200		AMPS		
MAIN		LO		POLES		3		FRAME		TRIP						MINIMUM BREAKER INTERRUPTING CAPACITY		
VOLTAGE		480Y/277		PHASE		3										65KAIC		
ACCESSORIES SN + EQP GND																		
DEVICE		BRANCH CIRCUIT						PHASE LOAD			BRANCH CIRCUIT						DEVICE	
AMPS TRIP	POLES	TYPE	LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS	DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP		
20	1		SPARE		460	1	460			2	460	EXTERIOR LIGHTS FINISH	L		1	20		
20	1		SPARE		688	3	1148			4	460	EXTERIOR LIGHTS FINISH	L		1	20		
20	1		SPARE		688	5				6	1028	EXTERIOR LIGHTS BLDG EAST	L		1	20		
20	1		SPARE		903	7	903			8	903	EF-10 - COMP SHED	H		3	15		
20	3		SPARE		903	9				10	903		H			-		
-	-				903	11				12	903		H			-		
-	-				13	1250				14	1250	N PARKING LOT LIGHTS	L		1	20		
-	-				15	750				16	750	S PARKING LOT LIGHTS	L		1	20		
-	-				17	1500				18	1500	N SECURITY LIGHTS	L		1	20		
-	-				19	1750				20	1750	S SECURITY LIGHTS	L		1	20		
30	3		SPARE		1000	21	1000			22	1000	UH-5 - COMP SHED	H		3	15		
-	-				1000	23				24	1000		H			-		
-	-				1000	25				26	1000		H			-		
20	1		SPARE		2037	27	2037			28	2037	DRYER - COMP SHED	H		3	15		
20	1		SPARE		2037	29				30	2037		H			-		
20	1		SPARE		2037	31				32	2037		H			-		
20	1		SPARE		33	33				34		SPARE				1	20	
20	1		SPARE		35	35				36		SPARE				1	20	