

Panel Name: A				Panel Amperage: 300			
Voltage & Phase: 120/208Y-3Ø				Panel A.I.C. Rating: 18kAIC			
Mounting: Surface				Other: MCB / Bottom Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
RM 116 - AV Recept	15	1 A	2 15	RM 116 - general receptacles			
RM 116 - Screen Power (Future)	15	3 B	4 15	RM 116 - Fridge/Cooler			
RM 116 - Split-Fed	15	5 C	6 15	RM 116 - Split-Fed			
Receptacle	15	7 A	8 15	Receptacle			
RM 113 - Split-Fed	15	9 B	10 15	RM 113 - Split-Fed			
Receptacle	15	11 C	12 15	Receptacle - GFI			
Domestic	RM 117	60/2	13 A 14 60/2	Domestic	RM 112		
Water Heater #3	---	15 B	16 ---	Water Heater #2			
		17 C	18 ---				
RM 113 - Split-Fed	15	19 A	20 15	RM 113 - Split-Fed			
Receptacle - GFI	15	21 B	22 15	Receptacle - GFI			
Hand Dryer HD-1	RM 117	15	23 C 24 15	Hand Dryer HD-3	RM 112		
Domestic	RM 114	60/2	25 A 26 15	Hand Dryer HD-4	RM 112		
Water Heater #1 CCT1	---	27 B	28 15	Hand Dryer HD-2	RM 117		
Domestic	RM 114	60/2	29 C 30 15	Plumbing Fixtures			
Water Heater #1 CCT2	---	31 A	32 60/2	Domestic	RM 206		
		33 B	34 ---	Water Heater #4 CCT1			
		35 C	36 60/2	Domestic	RM 206		
		37 A	38 ---	Water Heater #4 CCT2			
		39 B	40 ---				
		41 C	42 ---				

Panel Name: B				Panel Amperage: 150			
Voltage & Phase: 600/347Δ-3Ø				Panel A.I.C. Rating: 18kAIC			
Mounting: Surface				Other: MCB / Top Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
RM 115,116	15/3	1 A	2 15/3	SPARE			
Baseboard	---	3 B	4 ---	SPARE			
Heater	---	5 C	6 ---	SPARE			
Vestibule 100	15/3	7 A	8 15/3	RM101			
Forced Flow	---	9 B	10 ---	Baseboard			
Heaters FFH-1,2	---	11 C	12 ---	Heater			
RM 105, 106, 107, 108	15/3	13 A	14 15/3	Vest 104, ST4			
Baseboard	---	15 B	16 ---	Forced Flow			
Heater	---	17 C	18 ---	Heaters FFH-3,4			
RM's 201-203, ST4, 101,103-108	15	19 A	20 15	Emergency/Night Light			
Exterior Lights	15	21 B	22 15	RM's 110,112-119, 133, 134, 136, 137			
ERV1	15/3	23 C	24 20/3	ERV2			
Energy Recovery	---	25 A	26 ---	Energy Recovery			
Ventilator	---	27 B	28 ---	Ventilator			
		29 C	30 15	CHANGEROOM/REHEAT COILS			
		31 A	32 ---				
		33 B	34 ---				
		35 C	36 ---				
		37 A	38 ---				
		39 B	40 ---				
		41 C	42 ---				

Panel Name: C				Panel Amperage: 250			
Voltage & Phase: 120/208Y-3Ø				Panel A.I.C. Rating: 18kAIC			
Mounting: Surface				Other: MCB / Bottom Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
Utility Receptacle	20	1 A	2 15	Receptacle			
Emergency Battery Unit BU-1	L.C.	15	3 B 4 15	Split Fed			
Split Fed	15	5 C	6 15	Receptacle			
Receptacle	15	7 A	8 15				
Split Fed	15	9 B	10 15				
Receptacle	15	11 C	12 15				
Split Fed	15	13 A	14 15				
Receptacle	15	15 B	16 15				
Emergency Battery Unit BU-2	L.C.	15	17 C 18 15				
Domestic	RM 134	60/2	19 A 20 15	Split Fed			
Water Heater #5 CCT1	---	21 B	22 15	Receptacle			
Domestic	RM 134	60/2	23 C 24 15	Receptacle	RM119		
Water Heater #5 CCT2	---	25 A	26 15	Receptacle	RM136		
Vestibule 100 Interior Door Opener	15	27 B	28 20	Utility Receptacle	RM133		
Vestibule 100 Exterior Door Opener	15	29 C	30 20	Utility Receptacle	RM137		
IG Receptacle	RM 119	15	31 A 32 15				
Security Cameras Power		15	33 B 34 15				
		15	35 C 36 15				
		15	37 A 38 15				
		15	39 B 40 15				
		15	41 C 42 15				

Panel Name: D				Panel Amperage: 150			
Voltage & Phase: 120/208Y-3Ø				Panel A.I.C. Rating: 18kAIC			
Mounting: Surface				Other: MCB / Top Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
AV Receptacle	RM101	15	1 A 2 15	Water Fountain	RM101		
Receptacles	RM105,106	15	3 B 4 15	Receptacles	RM107,108		
Utility Receptacles	RM103	15	5 C 6 15	Receptacles	RM102		
Receptacles	RM102	15	7 A 8 15	Receptacles	RM102		
Receptacles	RM102	15	9 B 10 15	Receptacles	RM102		
Receptacles	RM102	15	11 C 12 15	Receptacles	RM102		
Ceiling Fans	RM102	15	13 A 14 15	Furnace F2	RM202		
Furnace F1	RM202	15	15 B 16 15	Furnace F4	RM202		
Furnace F3	RM202	15	17 C 18 15	Furnace F6	RM202		
Furnace F5	RM202	15	19 A 20 15	Furnace F8	RM202		
Furnace F7	RM202	15	21 B 22 15	DRINK FOUNTAIN	RM114		
		23 C	24 15				
		25 A	26 15				
		27 B	28 15				
		29 C	30 15				
		31 A	32 15				
		33 B	34 15				
		35 C	36 15				
		37 A	38 15				
		39 B	40 15				
		41 C	42 15				

Panel Name: E				Panel Amperage: 100			
Voltage & Phase: 120/208Y-3Ø				Panel A.I.C. Rating: 18kAIC			
Mounting: Surface				Other: MCB / Top Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
Receptacles	RM203	15	1 A 2 15	Receptacles	RM203		
Utility Receptacles	RM202	20	3 B 4 20	Utility Receptacles	RM202		
Emergency Lights BU-3	L.C.	15	5 C 6 15	Scoreboard/Shot Clocks	RM202		
Display Board	RM202	15	7 A 8 15	Split Fed			
		9 B	10 15	Ceiling Receptacle			
		11 C	12 15	Split Fed			
Sump Pump	15	13 A	14 15	Ceiling Receptacle			
Fridge	RM118	15	15 B 16 15	Fridge	RM118		
Clocks	15	17 C	18 15	Fridge	RM113		
Utility Receptacles	Roof	20	19 A 20 20	BASKETBALL BACKSTOP BBW-1 (3/4HP)			
Door Opener	RM 105	15	21 B 22 20	BASKETBALL BACKSTOP BBW-2 (3/4HP)			
		23 C	24 15				
		25 A	26 15				
		27 B	28 15				
		29 C	30 15				
		31 A	32 15				
		33 B	34 15				
		35 C	36 15				
		37 A	38 15				
		39 B	40 15				
		41 C	42 15				

Panel Name: F				Panel Amperage: 150			
Voltage & Phase: 120/208Y-3Ø				Panel A.I.C. Rating: 10kAIC			
Mounting: Surface				Other: MCB / Top Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
RM 102 Bank 1A Lights	15	1 A	2 15	RM 102 Bank 3A Lights			
RM 102 Bank 1B Lights	15	3 B	4 15	RM 102 Bank 3B Lights			
RM 102 Bank 2A Lights	15	5 C	6 15	RM 102 Bank 4A Lights			
RM 102 Bank 2B Lights	15	7 A	8 15	RM 102 Bank 4B Lights			
RM 101 Pendant/Vestibule 100 Front Entrance Lights	15	9 B	10 15	Emergency Night Lights	L.C.		
RM 116/113 pot lights	15	11 C	12 15	Donor wall lights			
Corridor Scones	RM 111,103,104	15	13 A 14 15				
		15 B	16 15				
		17 C	18 15				
		19 A	20 15				
		21 B	22 15				
		23 C	24 15				
		25 A	26 15				
		27 B	28 15				
		29 C	30 15				
		31 A	32 15				
		33 B	34 15				
		35 C	36 15				
		37 A	38 15				
		39 B	40 15				
		41 C	42 15				

Panel Name: G				Panel Amperage: 400			
Voltage & Phase: 120/208Y-3Ø				Panel A.I.C. Rating: 25kAIC			
Mounting: Surface				Other: MLO / Top Fed			
Description	Brk	Phase	Brk	Description	Brk	Phase	Brk
Condenser 1	40/3	1 A	2 40/3	Condenser 2			
		3 B	4 ---				
		5 C	6 ---				
Condenser 3	40/3	7 A	8 40/3	Condenser 4			
		9 B	10 ---				
		11 C	12 ---				
Condenser 5	40/3	13 A	14 30/3	Condenser 6			
		15 B	16 ---				
		17 C	18 ---				
Condenser 7	25/3	19 A	20 40/3	Condenser 8			
		21 B	22 ---				
		23 C	24 ---				
Condenser 9	40/3	25 A	26 40/3	SPARE			
		27 B	28 ---				
		29 C	30 ---				
		31 A	32 ---				
		33 B	34 ---				
		35 C	36 ---				
		37 A	38 ---				
		39 B	40 ---				
		41 C	42 ---				

1 PANEL SCHEDULES
E-4.1 SCALE: N.T.S.

FIRE ALARM ZONE	
ZONE NO.	DESCRIPTION
1	SECOND FLOOR MEETING ROOM
2	EXISTING BUILDING
3	NEW/RENOVATED COMMON AREAS
4	NEW GYM/CHANGEROOM AREAS
5	SECOND FLOOR MECHANICAL ROOM
6	GARAGE

PROVIDE FAULT ISOLATION MODULE BETWEEN EACH ZONE AS PER CAN/ULC-S524-06

EMERGENCY BATTERY BANK SCHEDULE								
EQUIP ID	MANUFACTURER	MODEL NUMBER	SUPPLY VOLTAGE	OUTPUT VOLTAGE	PANEL	CONNECTED DEVICES		MINIMUM WATTAGE (WITH 1.25 MULTIPLIER)
						☎	☑	
BU-1	LUMACELL	RG245550-AT	120	24	C	4	5	258 W
BU-2	LUMACELL	RG245550-AT	120	24	C	3	6	306 W
BU-3	LUMACELL	RG245550-2-MQM20W-AT	120	24	E	-	5	300 W

REFER TO LEGEND FOR EMERGENCY LIGHT MODELS
BATTERY BACK-UP UNITS SELECTED BASED ON MINIMUM 1 HR RUN TIME