

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER	DESCRIPTION	MOUNTING	LAMP	NOTES
A	LUMINIS # PR1670-L1W65r0- 120V-BZT-K3	460mm DIA. PENDANT LED LUMINAIRE C/W POWDER COAT EXTRUDED ANODIZED ALUMINUM HOUSING, WHITE FINISH AND PRISMATIC REFRACTOR	PENDANT MOUNTED AT 4.2m A.F.F. FROM SLOPED CEILING	LED 3000K	-
B	LUMINIS # SR135-STM	460mm DIA. PENDANT LED LUMINAIRE C/W POWDER COAT EXTRUDED ANODIZED ALUMINUM HOUSING, WHITE FINISH AND PRISMATIC REFRACTOR	PENDANT MOUNTED AT 4.2m A.F.F. FROM SLOPED CEILING	LED 3000K	-
C	LITHONIA LIGHTING # VAP-6000LM-FST- MD-MVOLT-GZ10- 30K-80CRI	1220mm LED VAPOUR TIGHT FIXTURE FIBERGLASS HOUSING, POLYCARBONATE GASKETED LENS AND STAINLESS STEEL HARDWARE.	SURFACE MOUNTED	LED 3000K	-
D	LITHONIA LIGHTING # FMML-7-8-30-WL	180mm DIA SURFACE MOUNTED LED LUMINAIRE.	SURFACE MOUNTED	LED 3000K	-
E	LUMINIS # AR148-L1W18r1- 120V-BZT-K3	130mm LED PENDANT, EXTRUDED ALUMINUM HOUSING, LED 0-10V DIMMING DRIVER. C/W CAST ALUMINUM WALL MOUNT ADAPTOR.	WALL MOUNTED	LED 3000K	-
F	HYDREL # 3110C-H36-8COB- 30K-MVOLT-FT- BLS-BZ	229mm DIA x 915mm HIGH, IMPACT RESISTANT LED BOLLARD LUMINAIRE FORWARD THROW CUT OFF DISTRIBUTION, BRONZE FINISH. C/W MOTION SENSOR BI-LEVEL SWITCHING.	CONCRETE BASE	LED 3000K	1
☒ ☒ ☒ ☒ ☒ ☒	READY-LITE RN SERIES	HEAVY-DUTY VANDAL-RESISTANT POLYCARBONATE RUNNING MAN PICTOGRAM EXIT SIGN.	WALL MOUNTED	LED	-
☒ ☒	READY-LITE TUR-NM SERIES	REMOTE EMERGENCY LIGHTING FIXTURES	WALL MOUNTED	12V-4W MR16 LED	-
☒ ☒ BU-1	READY-LITE LDXA SERIES	EMERGENCY LIGHTING BATTERY UNIT	WALL MOUNTED	12V-4W MR16 LED	-
NOTES: 1. CONCRETE BASE BY GENERAL CONTRACTOR.					

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SCALE : N.T.S.

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PANEL VOLTAGE: 120/240V				PANEL TYPE:				PROJECT				PANEL 'A'	
PANEL LOCATION: RM 109				PANEL MAINS: 200A									
PANEL SOURCE: UTILITY				PANEL I/C: 10 kA									
PANEL MOUNTING: SURFACE				PANEL FEEDER: SEE RISER				11-16-257					
CCT	DESCRIPTION	WATTAGE		BRKR	#	BRKR	WATTAGE		DESCRIPTION	CCT			
		A	B				A	B					
1	LTS EXTERIOR	850		1	15	A	20	1	200	EXTERIOR REC.	2		
3	LTS RMS 100,101		500	1	15	B	20	1	200	EXTERIOR REC.	4		
5	LTS RMS 102-110	920		1	15	A	20	1	200	EXTERIOR REC.	6		
7	EXIT LTS		100	1	15	B	20	1	200	EXTERIOR REC.	8		
9						A	20	1	400	REC. RM 100	10		
11						B	20	1	400	REC. RM 101	12		
13	HRV-1	700		1	15	A	20	1	1000	DISHWASHER RM 101	14		
15						B	20	1	800	REC.RMS103,106,109,110	16		
17	BOILER	500		1	15	A	20	1	200	REC. RM 104	18		
19	THWH		700	1	15	B	20	1	200	REC. RM 107	20		
21	RE HEAT COIL RHC-1	4000				A		2	4000	RE HEAT COIL RHC-2	22		
23			4000	2	45	B	45	2	4000		24		
25	IRH-1	288		1	15	A	20	1	1000	AC REC. RM 100	26		
27	IRH-2		288	1	15	B	20	1	1000	AC REC. RM 100	28		
29	HRV-2	700		1	15	A		2	1000	HEATER RM 101,109,110	30		
31			560	2	15	B		2	1000		32		
33	CP-2	560				A		2	1000	HEATER RM 104,107	34		
35	GFT-1		700	1	15	B	20	1	1000		36		
37						A					38		
39						B					40		
41						A					42		
43						B					44		
45						A					46		
47						B					48		
49						A					50		
51						B					52		
53	SPARE			1	15	A	15	1		SPARE	54		
55	SPARE			1	15	B	15	1		SPARE	56		
57	SPARE			1	15	A	15	1		SPARE	58		
59	SPARE			1	15	B	15	1		SPARE	60		
PHASE LOADS		8518	6848					9000	8800				
TOTAL PHASE LOADS		17518						15648					
TOTAL LOAD		33166											
TOTAL AMPERAGE		138 AMPS											

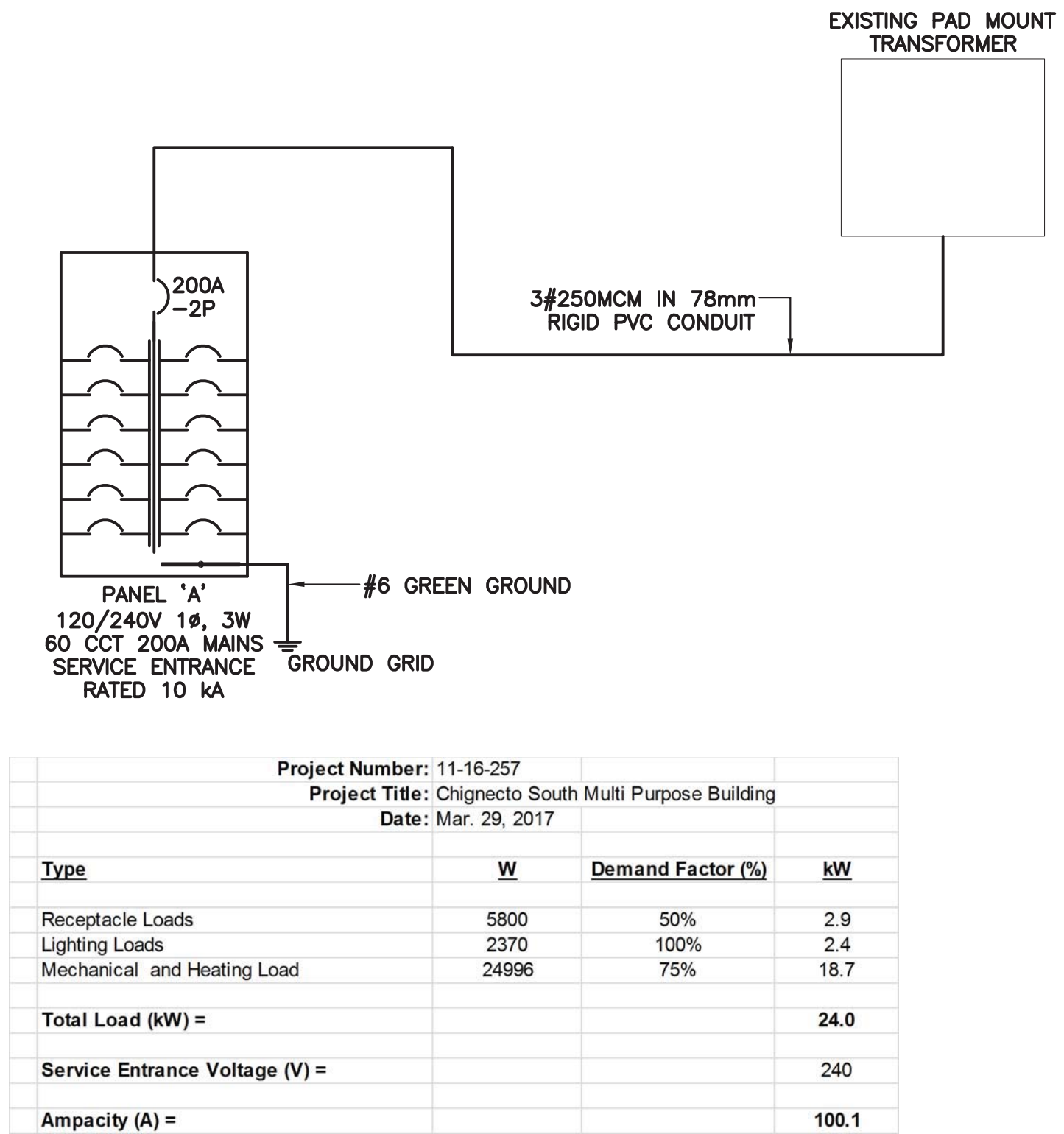
PANEL SCHEDULE
SCALE : N.T.S.

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MECHANICAL SCHEDULE												
NO.	ITEM	DESCRIPTION	LOCATION	LOAD	VOLTS	Ø	BREAKER	FEEDER	DISCONNECT	STARTER	PANEL	NOTES
①	HRV-1	ENERGY RECOVERY VENTILATOR	ATTIC	5.5A CIRCUIT	120	1	15A-1P	2#12 & BOND IN 16mmC	BY DIVISION 26	BUILT IN	'A'	1
②	BOILER	WALL HUNG BOILER	RM 109	15A CIRCUIT	120	1	15A-1P	2#12 & BOND IN 16mmC	-	-	'A'	2
③	RHC-1	RE HEAT COIL	RM 108	8 kW	240	1	45A-2P	2#6 & BOND IN 27mmC	BY DIVISION 26	-	'A'	1
④	THWH	TANKLESS HOT WATER HEATER	RM 109	15A CIRCUIT	120	1	15A-1P	2#12 & BOND IN 16mmC	-	-	'A'	2
⑤	IRH-1	LOW INTENSITY INFRARED HEATER	RM 100	2.4 A	120	1	15A-1P	2#12 & BOND IN 16mmC	-	-	'A'	1
⑥	IRH-2	LOW INTENSITY INFRARED HEATER	RM 100	2.4 A	120	1	15A-1P	2#12 & BOND IN 16mmC	-	-	'A'	1
⑦	HRV-2	ENERGY RECOVERY VENTILATOR	ATTIC	5.5A CIRCUIT	120	1	15A-1P	2#12 & BOND IN 16mmC	BY DIVISION 26	BUILT IN	'A'	1
⑧	CP-1	BOILER PUMP #1	RM 109	FRACTIONAL HP	120	1	-	2#12 & BOND IN 16mmC	-	BUILT IN	'A'	3,5
⑨	CP-2	BOILER PUMP #2	RM 109	1/4 HP	240	1	15A-2P	2#12 & BOND IN 16mmC	-	BUILT IN	'A'	6
⑩	RHC-2	ERV HEAT COIL	ATTIC	8.0 kW	240	1	45A-2P	2#6 & BOND IN 27mmC	BY DIVISION 16	-	'A'	1
⑪	GFT-1	GLYCOL FILL TANK	RM 109	FRACTIONAL HP	120	1	15A-1P	2#12 & BOND IN 16mmC	-	-	'A'	4
NOTES: 1. SINGLE POINT CONNECTION. 2. SINGLE POINT CONNECTION WIRE THRU EMERGENCY SHUT OFF SWITCH. 3. WIRE THRU MANUAL STARTER. 4. PLUG INTO RECEPTABLE BY ELECTRICAL CONTRACTOR. 5. PUMP FED FROM BOILER. 6. WIRE THRU RELAY BY MECHANICAL CONTRACTOR.							STARTER LEGEND MS= MANUAL TYPE MOTOR STARTER c/w HOA= COMBINATION MAGNETIC O/L PROTECTION STARTER/NON-FUSED DISCONNECT C/W NCM= NONCOMBINATION MAGNETIC HAND/OFF/AUTO SELECTOR SWITCH FVNR= FULL VOLTAGE NON-REVERSING CMB= COMBINATION MAGNETIC STARTER c/w RVNR= REDUCED VOLTAGE FUSED CONTROL TRANSFORMER NON-REVERSING VSD= VARIABLE SPEED DRIVE, BY MECHANICAL CONTRACTOR					

MECHANICAL EQUIPMENT SCHEDULE
SCALE : N.T.S.

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SINGLE LINE DIAGRAM
SCALE : N.T.S.

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