

TYPE	MANUFACTURER	CATALOGUE NO.		LAMPS	VOLTS	MOUNTING	REMARKS		
	W III OT A TOTAL	9/11/12552 No.	NO.	TYPE			TTEMP ITTE		
Α	LITHONIA	2GT8-432-A12-120-GEB10IS	4	32WT8 WARM WHITE	120	R/TB	2X4 TROFFER C/W 2 BALLASTS FOR SEPARATE SWITCHING		
В	LITHONIA	GT8-232-A12-120-GEB10IS	2	32WT8	120	R/TB	C/W TRIM KIT		
D	LITHONIA	CSW-148-120S0VB	1	32WT8	120	S/W	WALL MOUNTED CUBE LIGHT		
Е	LITHONIA	2UC-32-120-GEB	1	32WT8	120	V	UNDER CABINET LIGHTIING		
F	LITHONIA	1102-1176CL	1	75WPAR38	120	R/TB	DIMMING POTLIGHTS		
Н	LITHONIA	TWR1C-70M-120-LPI-CSA	1	70MH	120	S/W	WALLPACK (VANDALPROOF)		
J	LITHONIA	TWR2C-250M-120-LPI-CSA	1	250MH	120	S/W	WALLPACK (VANDALPROOF)		
K	LITHONIA	TFM-175M-TA-120-LPI-CSA	1	175MH	120	S/W	C/W PARAPET ARM BRACKET		
		DESCRIPTION							
EX	EXISTING FIXTURE	TO REMAIN							
ER	EXISTING FIXTURE	TO REMOVED AND/OR RELOCATED							
R	RELOCATED EXIST	ING FIXTURE (SHOWN IN NEW LOCA	(NOITA						

PANEL: E					TAGE: : 225 <i>f</i>	120/20	8		PHASE: 1 WIRE: 3		
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRC	CUIT	BKR SIZE		DE	SCRIPTION	N		
LIGHTING-COMMON AREAS	1340	20	1 —	• 2	20	1000	GFI RECEPTAC	LES -CO	UNTER		
LIGHTING-MULTI RM		15	3 🔫	$+ \overline{4}$	20	1000	GFI RECEPTACLES —COUNTER				
LIGHTING-MULTI RM		15	5 —	$+ \overline{6}$	15	500	RECEPTACLES				
LIGHTING-MULTI RM POTS	980	15	7	$+ \overline{8}$	15	500	RECEPTACLES				
LIGHTING-MULTI RM POTS	600	15	9 —	<u></u> 10	15	500	RECEPTACLES				
LIGHTING-EXTERIOR	500	15	11	+ 1	15	500	RECEPTACLES				
LIGHTING-EXTERIOR	400	15	13	<u> </u>	-		EXISTING CIRC	UITS NOT	DELETED FROM		
LIGHTING-EXTERIOR	900	15	15	+ 1	6		EXISTING	7 CCTS.	PANEL		
LIGHTING-EXTERIOR	700	15	17	<u></u> 1.	3						
LIGHTING-EXTERIOR SIGNAGE	600	15	19	$+ \overline{2}$							
BASEBOARD HEATER - WASHROOM	1000	15	21	2	2						
BASEBOARD HEATER — WASHROOM	1000	15	23	+ 2	1						
BASEBOARD HEATER - MULTI-PURPOSE	1500	15	25 —	<u> </u>							
BASEBOARD HEATER - MULTI-PURPOSE	1500	15	27	+ 2	3						
BASEBOARD HEATER – CORRIDOR	1500	15	29	<u> </u>)						
FORCEFLOW HEATER - VESTIBULE	4000	20 2P	31 -	$\frac{1}{3}$							
HRV-1	800	15	35	$+ \overline{3}$	7						
MECHANICAL CONTROLS	100	15	37 —	$\frac{1}{3}$	9						
EXTERIOR LIGHTING CONTROL	100	15	39 🖜	$+ \overline{4}$				v			
FIRE ALARM PANEL	100	15	41 —	4	2 15	660	LIGHTING-EME	RGENCY/	NIGHT LIGHTS		
HTG. 10.5KW LTG. 8.3KW		MTR.	0.91	<w< td=""><td></td><td>MISC.</td><td>4.1KW</td><td>TOTAL</td><td>23.8KW</td></w<>		MISC.	4.1KW	TOTAL	23.8KW		

	EMERGENCY BATTERY BANK SCHEDULE								
	No.	MANUFACTURER	CATALOGUE NO.	INPUT VOLTS	OUTPUT VOLTS	SOURCE CIRCUIT	QUAN		MINIMUM WATTAGE
\neg	EBB-1	LUMACELL	RG24S 350 2 MT9W AT TD	120	24	E-11	2	5	255 W
	EBB-2	LUMACELL	RG24S 350 2 MT9W AT TD	120	24	E-11	2	5	255 W
	NOTES:		E-C860U SINGLE/DOUBLE UNIVERSAL MOUNTING -2-8W QUARTZ 12VDC/24VDC						

EQUIPMENT				PKG	STARTER			CONTROLS				FIRE			
ITEM	DESCRIPTION	LOCATION	KW/HP/AMPS	VOLTS/ø	UNIT	TYPE	FUNC	PL	PB HOA	SUPPLY BY	TYPE	SUPPLY BY	INSTALL BY	WIRE BY	SHL DO
HRV-1	HEAT RECOVERY VENTILATOR	ROOF	6.3 AMPS	120/1	Υ							MECH	MECH	ELEC	Y
CU-1	CONDENSING UNIT	ROOF	9.8 MCA	600/3	Υ							MECH	MECH	ELEC	Y
CU-2	CONDENSING UNIT	ROOF	9.8 MCA	600/3	Υ							MECH	MECH	ELEC	Y
FF-1	FORCEFLOW HEATER	VESTIBULE	4.0 KW	240/1							BIT	ELEC	ELEC	ELEC	
	BASEBOARD HEATER	VARIES	1.0/1.5 KW	120/1							BIT	ELEC	ELEC	ELEC	
A. M. B. AL	IAL NOTES: ANUAL MOTOR STARTER TO BE C/V LL STARTERS TO BE SUPPLIED & II NLESS OTHERWISE NOTED.				MAN VFD		ANUAL RIABLE	FRE		Y DRIVE LE SWITCH	BIT S T	= BUILT IN = SPEED CO = THERMOST	ONTROL		

E. ELEC REFERS TO ELECTRICAL SUBCONTRACTOR; MECH REFERS MECHANICAL SUBCONTACTOR.



3	re—issued for bid opportunity	12/05/07	π
2	ISSUED FOR BID OPPORTUNITY	11/27/07	π
1	ISSUED FOR FINAL REVIEW	10/12/07	π
0	ISSUED FOR REVIEW	04/30/07	π
NO.	REVISION	DATE	BY

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ORIGINAL AS SEALED ON 12/05/07

APEGN Certificate of Authorization Tower Engineering Group No. 1918 Expiry: April 30, 2008

TOWER PROJECT NO.: 6184

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SHEET TITLE

ELECTRICAL SINGLE LINE DIAGRAM

DRAWN BY	SCALE	SHEET NUMBER
NF	AS NOTED	
CHECKED BY	DATE	
ES	11/27/07	L - 4.
PROJECT NUMBER	REVISION	
06-012	3	