



LEGEND			
A	STRIP LIGHT FIXTURE (A DENOTES TYPE)	⏚	POWER PANELBOARD – SURFACE MOUNT/FLUSH MOUNT
B	1'x4' TROFFER (B DENOTES TYPE)	⏚	SYSTEM PANELBOARD – SURFACE MOUNT/FLUSH MOUNT
C	2'x4' TROFFER (C DENOTES TYPE)	⊠	TRANSFORMER
F	SURFACE OR PENDANT LIGHT FIXTURE (F DENOTES TYPE)	⏚	TELEPHONE BACKBOARD
oG	DOWN LIGHT (G DENOTES TYPE)	⏚	VOICE/DATA OUTLET (2 CAT6 CABLES: 1 VOICE, 1 DATA)
H / H	WALL MOUNTED LIGHT FIXTURE (H DENOTES TYPE)	⏚	VOICE/DATA OUTLET – FLOOR MOUNTED/CEILING MOUNTED
K	FLOODLIGHT (K DENOTES TYPE)	⏚	HDMI
J	LIGHT STANDARD (J DENOTES TYPE)	⏚	AUDIO JACK
NL	LIGHT FIXTURE ON NIGHT LIGHT CIRCUIT	⏚	TELEPHONE OUTLET (1 CAT6 CABLE)
D-D	EMERGENCY LIGHT (REMOTE – 2 HEADS)	⏚	DATA OUTLET (1 CAT6 CABLE)
A-A	EMERGENCY LIGHT (REMOTE – 3 HEADS)	⏚	WIFI
E / E	EXIT LIGHT (CEILING/WALL MTD)	⏚	PUBLIC ADDRESS SYSTEM MICROPHONE OUTLET
E / E	EXIT LIGHT C/W DIRECTIONAL ARROW (CEILING/WALL MTD)	⏚	PUBLIC ADDRESS SYSTEM LOUD SPEAKER
E	EXIT LIGHT (BALL HANGER)	⏚	PUBLIC ADDRESS SYSTEM SPEAKER (CEILING/WALL MTD)
E	EXIT LIGHT C/W DIRECTIONAL ARROW (BALL HANGER)	⏚	PUBLIC ADDRESS SYSTEM ATTENUATOR
B	EMERGENCY BATTERY BANK UNIT C/W HEAD LIGHTS	⏚	MOTOR AND DISCONNECT
S	DAYLIGHT SENSOR	⏚	MOTOR DIRECT CONNECT
S	MOTION SENSOR SWITCH (WALL MOUNTED)	⏚	SECURITY KEYPAD
S	MOTION SENSOR SWITCH (CEILING MOUNTED)	⏚	BASEBOARD HEATER (1000 DENOTES 1000 WATTS)
S	SINGLE POLE SWITCH (3 DENOTE 3 WAY SWITCH)	⏚	FORCE FLOW HEATER
D	DIMMER SWITCH	⏚	UNIT HEATER
T	TOUCHSCREEN CONTROL LIGHTING	⏚	THERMOSTAT
T	TIMECLOCK	⏚	DOOR CONTACT (FLUSH IN FRAME)
H	HAND DRYER	⏚	CARD ACCESS READER (PROXIMITY)
R	DUPLEX RECEPTACLE	⏚	ELECTRIC STRIKE
R	DUPLEX RECEPTACLE – ABOVE COUNTER (GFCI)	⏚	MOTION DETECTOR (SECURITY)
R	DUPLEX RECEPTACLE – GROUND FAULT CIRCUIT INTERRUPTER	⏚	HANDI-CAP SECURITY PUSH BUTTON
R	120/208 VOLT RECEPTACLE	⏚	NURSE CALL SYSTEM DOME LIGHT
R	DUPLEX RECEPTACLE – CEILING MOUNTED	⏚	NURSE CALL SYSTEM PULL STATION
R	DUPLEX RECEPTACLE – FLOOR MOUNTED	⏚	SMOKE DETECTOR (ADDRESSABLE)
R	DUPLEX RECEPTACLE & VOICE/DATA – FLOOR MOUNTED	⏚	SMOKE DETECTOR (DUCT TYPE)
R	FOURPLEX RECEPTACLE (QUAD)	⏚	HEAT DETECTOR (COMBINATION)
R	FOURPLEX RECEPTACLE (QUAD) – ABOVE COUNTER	⏚	CARBON MONOXIDE DETECTOR
R	FOURPLEX RECEPTACLE – FLOOR MOUNTED	⏚	MANUAL PULL STATION
R	PARKING PEDESTAL RECEPTACLE	⏚	FIRE ALARM SIGNAL HORN & STROBE
R	USB CHARGING PORT	⏚	FIRE ALARM STROBE – WALL MOUNTED
R	DUPLEX RECEPTACLE W/ USB CHARGING PORT	⏚	FIRE ALARM SIGNAL HORN & STROBE – CEILING MOUNTED
R	DUPLEX RECEPTACLE W/ USB CHARGING PORT – FLOOR MTD	⏚	FIRE ALARM STROBE – CEILING MOUNTED
J	JUNCTION BOX CEILING MOUNTED	⏚	CLOSE CIRCUIT TELEVISION SYSTEM MONITOR
J	JUNCTION BOX WALL MOUNTED	⏚	CLOSE CIRCUIT TELEVISION SYSTEM CAMERA
D	DIRECT CONNECT	⏚	GLASS BREAK SENSOR

**DRAWING NOTES:**

- 1 PROVIDE 53mm PVC CONDUIT C/W PULL STRING FOR CHARGEPOINT CT4021 ELECTRIC VEHICLE CHARGING STATION. PROVIDE SEPARATE PRICE FOR PROVISION OF VEHICLE CHARGING STATION INCLUDING ALL REQUIRED BREAKERS, WIRING AND TERMINATIONS.
- 2 PROVIDE 2-4" U/G PVC CONDUIT (1-MTS, 1-SHW) TO PROPERTY LINE.
- 3 PROVIDE IPLC TYPE RECEPTACLE.
- 4 COORDINATE EXACT LOCATION OF UTILITY TRANSFORMER AND CSTE WITH MANITOBA HYDRO.

**ELECTRICAL SITE PLAN**  
SCALE: 1:100

TOWER PROJECT NO.: 181335  
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 4 2019-06-26 ISSUED FOR 100% PRE-TENDER REVIEW SMM  
 3 2019-05-13 ISSUED FOR PRE-TENDER REVIEW SMM  
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**APEGM**  
 Certificate of Authorization  
 Tower Engineering Group  
 No. 4156 Expiry: April 30, 2020

PROVINCE OF MANITOBA  
 Registered Professional Engineer  
 Member 31171  
 2019-07-16

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The contractor is to verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architects for adjustment.

**Bill and Helen Norrie Library**

Project No.: 2017-082  
 Tender No.: 542-2019  
 Address: 15 Poseidon Bay, Winnipeg, MB.

**Winnipeg**

**SITE PLAN**

Comm. No.: 1847  
 Sheet: **E1.1**

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