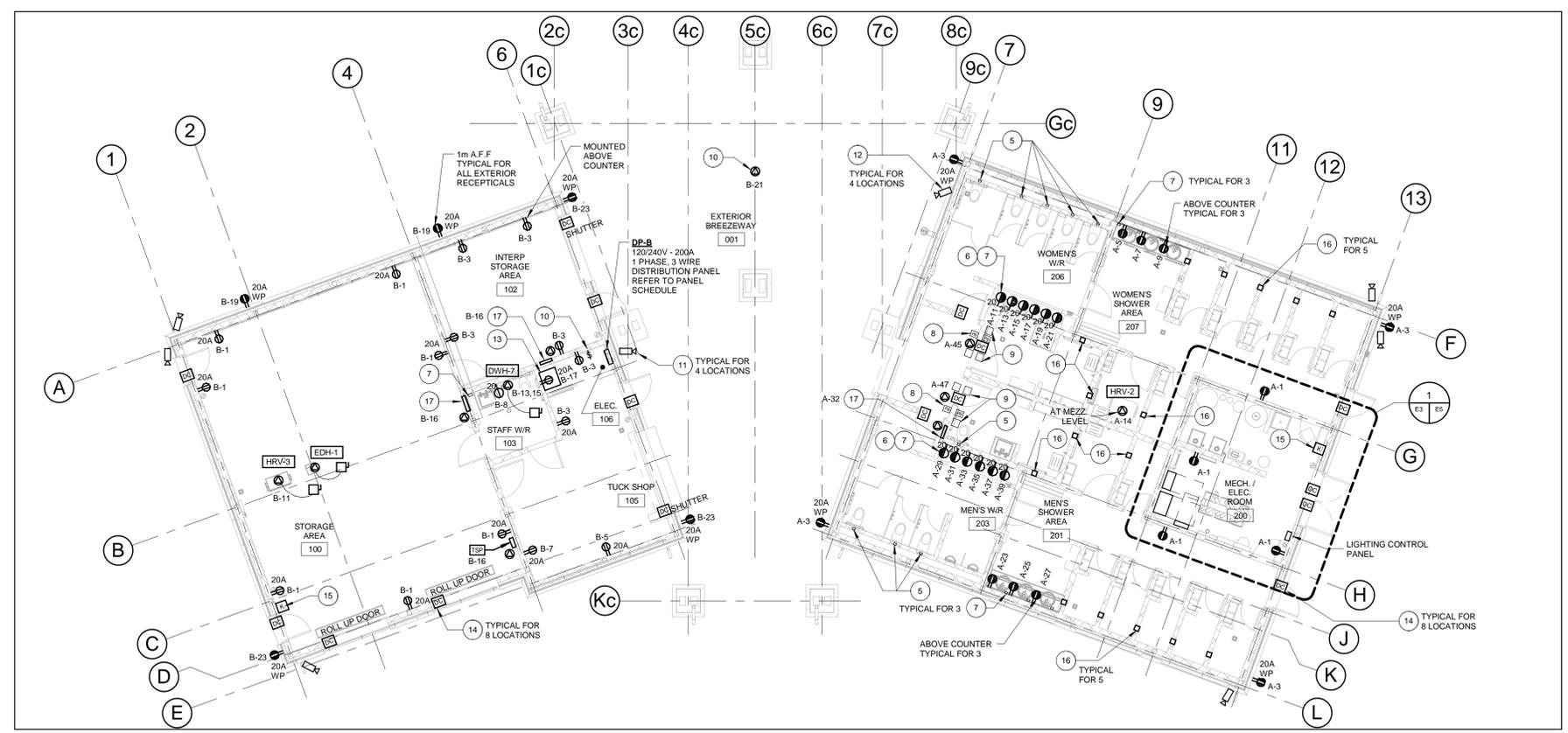


1 LIGHTING PLAN
A7 E3 1:100

- LIGHTING NOTES:**
- 1 PROVIDE ALL LIGHTING CIRCUITING IN AC90 COPPER WIRING, MIN #12 AWG, CONCEALED ABOVE CEILING WHENEVER ATTAINABLE. INSTALL ALL CABLES SUCH THAT FRAMEWORK STRUCTURAL INTEGRITY IS NOT COMPROMISED.
 - 2 PROVIDE ALL LIGHTING CONTROL CIRCUITING IN FT6 RATED CAT 5 DATA CABLING. CONDUIT INSTALLATION REQUIREMENTS IDENTICAL WITH NOTE 1.
 - 3 ATTACH AND SECURE LIGHTING FIXTURES TO MAIN STRUCTURAL ELEMENTS.
 - 4 PROVIDE PHOTOCELL AND ASSOCIATED CONDUIT WORK BACK TO LIGHTING CONTROL PANEL.
 - 5 PROVIDE DIMMER SWITCH FOR CONTROL OF BREEZEWAY LIGHTING FIXTURES TYPE J.
 - 6 PROVIDE DIMMER SWITCH FOR CONTROL OF AMPHITHEATER LIGHTS (2X TYPE J). DIMMER SWITCH SHALL BE INSTALLED IN A NEMA 4 WALL BOX, COMPLETE WITH HINGED DOOR AND LOCKING, 1/4 TURN LATCH.
 - 7 PROVIDE PLUG LOAD CONTROLLER DEVICE FOR OCCUPANCY CONTROL OF HRV-3. INTERCONNECT WITH LOCAL LIGHTING CONTROL DEVICES.
 - 8 PROVIDE WALL MOUNTED OCCUPANCY SENSOR AND ROOM CONTROLLER DEVICE FOR EACH SHOWER AND UNIVERSAL WASHROOM.



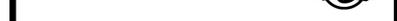
DRAWING NO.		DRAWING NAME	
REFERENCE DRAWINGS			
1	2018-07-20	APPENDUM No.1	JA RB
0	2018-06-19	ISSUED FOR TENDER	NT / GM MB
NO.	DATE	DESCRIPTION	Drawn by/ Dessine par / Approved / Approuvé
REVISIONS			
A	A Detail Number		A Numero de Detail
B	B Sheet Number		B Sur feuille Numero



2 POWER PLAN
A7 E3 1:100

- POWER NOTES:**
- 1 PROVIDE 120/240V, 1 PHASE, 400A SERVICE TO THE CYPRUS LAKE HUB WEST WING FROM ON-SITE PAD MOUNTED TRANSFORMER. REFER TO SITE PLAN.
 - 2 PROVIDE 400A TRANSFER SWITCH FOR INCOMING SERVICE. CONNECT TO PAD MOUNTED TRANSFORMER AND STANDBY GENERATOR. REFER TO SINGLE LINE DETAIL.
 - 3 PROVIDE CIRCUITING OF MECHANICAL HVAC IN AC90 COPPER, MIN #10 AWG. WIRING TYPICAL FOR CIRCUITS UP TO 30A.
 - 4 REFER TO SINGLE LINE DETAIL AND PANEL SCHEDULE
 - 5 PROVIDE 102X102 / 64MM DEVICE BOX FLUSH IN WALL APPLETON 4501 COMPLETE WITH APPLETON 8470. EXTEND 24V CIRCUITING FROM FIRST FLUSH VALVE 120VAC/24VAC TRANSFORMER IN EMT CONDUIT. MAX TEN (10) FLUSH VALVES PER TRANSFORMER. REFER TO FLUSH VALVE MANUFACTURER INSTRUCTIONS FOR EXACT ELEVATION AND INSTALLATION REQUIREMENTS.
 - 6 PROVIDE TWO (2) SINGLE GFCI RECEPTACLES CSA-20R FOR EACH SINK STATION. A.F.F. ELEVATION PER SINK SHOP DRAWINGS. REFER TO PANEL SCHEDULE FOR CIRCUITING.
 - 7 PROVIDE DEVICE BOX FOR ELECTRONIC FAUCET CONNECTIONS.
 - 8 PROVIDE CIRCUITING, ROUGH-IN AND INTERCONNECTING CONTROL WIRING FOR ACCESS CONTROL DEVICES IN WASHROOMS, INCLUDING:
 - a. PROVIDE 120VAC CIRCUITING OF MOTORIZED DOOR OPERATOR
 - b. PROVIDE 2-GANG DEVICE BOXES ROUGHED-IN AT 1200mm AFF (MAXIMUM) FOR DOOR OPERATION PUSH PLATES ON INTERIOR AND EXTERIOR OF WASHROOM.
 - c. PROVIDE 1-GANG BOX ROUGHED-IN AT 1200MM AFF (MAXIMUM) FOR PUSH TO LOCK MUSHROOM HEAD PUSHBUTTON (INTERIOR OF WASHROOM BESIDE PUSH PLATE).
 - d. PROVIDE ROUGH-IN TO DOOR FRAME FOR WIRING TO LOW VOLTAGE, ELECTRIC STRIKE AND MAGNETIC SWITCH.
 - e. CONFIRM LAYOUT WITH DOOR HARDWARE SUPPLIER PRIOR TO START OF ROUGH IN.
 - 9 PROVIDE EMERGENCY CALL FOR ASSISTANCE SYSTEM FOR THE BARRIER FREE WASHROOMS. INCLUDING A PUSH BUTTON, SIGNAGE AND 2 AUDIBLE AND VISUAL SIGNAL DEVICES FOR INSIDE AND OUTSIDE OF THE WASHROOM. ALARM ACTIVATION DEVICE TO BE INSTALLED IN THE WASHROOM AT 915MM AFF.
 - 10 PROVIDE CIRCUITING OF PROPANE FUELED FIRE PIT. PROVIDE ON/OFF TOGGLE SWITCH IN ELECTRICAL ROOM 106. LABEL SWITCH.
 - 11 PROVIDE EXTERIOR WALL MOUNTED CCTV CAMERAS ON WEST BUILDING. INSTALL CAT6 CABLE IN CONDUIT FROM EACH CAMERA TO HEAD END EQUIPMENT IN ELECTRICAL CLOSET 106.
 - 12 PROVIDE EXTERIOR WALL MOUNTED CCTV CAMERAS ON EAST BUILDING. INSTALL CAT6 CABLE IN CONDUIT FROM EACH CAMERA TO MECH/ELECT ROOM 200. CONTINUE CABLE IN UNDERGROUND CONDUIT TO HEAD END EQUIPMENT IN ELECTRICAL CLOSET 106. CABLES SHALL BE GEL FILLED TYPE. SUITABLE FOR USE IN WET LOCATIONS.
 - 13 PROVIDE EQUIPMENT RACK IN ELECTRICAL CLOSET 106 FOR INSTALLATION OF CCTV AND INTRUSION ALARM EQUIPMENT AND CABLE TERMINATIONS.
 - 14 PROVIDE WIRING FROM EACH INTRUSION ALARM DOOR CONTACT HOME RUN TO ALARM CONTROL PANEL IN ELECTRICAL CLOSET 106. PROVIDE INSTALLATION OF RECESSED CONTACT IN MAN DOORS (2). PROVIDE SURFACE MOUNTED DOOR CONTACTS FOR ROLL UP DOORS AND SHUTTERS (4).
 - 15 PROVIDE WIRING FROM INTRUSION ALARM KEY PADS (2) TO CONTROL PANEL IN ELECTRICAL CLOSET 106.
 - 16 PROVIDE 120VAC CIRCUITING (A-28) OF TWO CONTROL TRANSFORMERS IN MECH/ELECT. ROOM 200. PROVIDE 24VAC CONTROL WITING TO SIXTEEN (16) SHOWER SOLENOID VALVES.
 - 17 PROVIDE CIRCUITING OF INFLOOR HEATING SYSTEM MANIFOLD CABINETS.

LINEAR DIMENSIONS IN MILLIMETERS Dimensions lineaires en millimetres



Canada

PARKS CANADA

Type of Record / Type d'enregistrement

Project title / Titre du projet
CYPRUS LAKE CAMPGROUND - THE HUB AMENITY BUILDING

Drawing title / Titre du Dessin
LIGHTING & POWER PLAN

Plot Scale / Echelle
As indicated

Drawn by/ Dessin par	Date
Field Recording by/ Relevé- Terrain par	Date
Approved by/ Approuvé par	Date
Checked by/ Verifié par	Date

Project No./No. du projet Asset No. Sheet No./ Feuille No.
60554372 **E3**