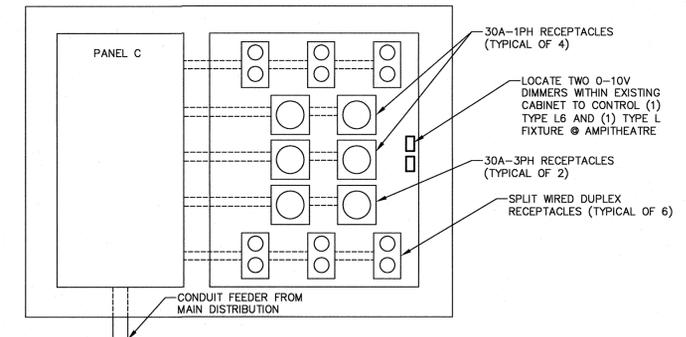


**1 E02 ELECTRICAL RENOVATION LAYOUT**  
 SCALE: 1/750

**SPECIFIC ELECTRICAL NOTES**

- 1 REMOVE EXISTING POLE LIGHTS AND REFURBISH. POLES ARE TO BE SAND-BLASTED AND REPAINTED (COLOUR TBD BY LANDSCAPE ARCHITECT). ALL WELDS ARE TO BE INSPECTED AND REPAIRED AS NECESSARY. LUMINAIRES ARE TO BE RETROFITTED WITH LED SOURCE AND GLOBES REPLACED WITH NEW BY ORIGINAL MANUFACTURER.
- 2 ADD NEW LOCKABLE POWER PEDESTAL WITH RECEPTACLES INSIDE FOR SITE FUNCTIONS. SITE CONFIRM LOCATION WITH LANDSCAPE ARCHITECT. SEE NEW POWER PEDESTAL #5 DETAIL.
- 3 REPLACE ALL EXISTING FIXTURES IN RAMP WITH NEW TYPE N6. (12 TOTAL) CONNECT TO EXISTING CIRCUITS USED FOR TYPE R6.
- 4 PROVIDE ELECTRICAL REVISIONS TO ACCOMMODATE ARCHITECTURAL AND MECHANICAL CHANGES TO THE WASHROOMS AND OFFICE. SEE ENLARGED DRAWING ON E03, E04.
- 5 EXISTING LOCKABLE POWER CABINET AND PANEL C WITH RECEPTACLES INSIDE FOR SITE FUNCTIONS. ANY REQUIRED POWER FOR THE STAGE AREA WILL COME FROM THESE OUTLETS, AND WILL REQUIRE CORDS TO BRING THE POWER TO THE INTENDED LOCATIONS.
- 6 CONNECT NEW TYPE L, L5 & L6 LUMINAIRE TO EXISTING 208V-1PH CIRCUIT AT LUMINAIRE INDICATED. ROUTING OF CONDUCTORS IS DIAGRAMMATIC ONLY. SITE LOCATE ROUTE TO MINIMIZE DISRUPTION OF EXISTING VEGETATION. PUSH CONDUCTORS IN LIEU OF TRENCHING. MINIMUM 1m BELOW GRADE. AT EXISTING FIXTURE SURFACE CONDUIT WILL BE ACCEPTABLE AS EXISTING BASES ARE TO REMAIN. (TYPICAL)
- 7 SITE LOCATE TYPE L, L5 & L6 LUMINAIRES WITH LANDSCAPE ARCHITECT TO MINIMIZE DISRUPTION OF EXISTING VEGETATION. TYPE L, L5 & L6 FIXTURES ARE TO BE FED FROM EXISTING POLES WITH TEE90. CONNECTIONS IN HAND HOLE TO BE MADE WATER-TIGHT. UTILIZE SCOTCH LOCK SPlice KIT OR EQUIVALENT. PROVIDE GROUND ROD AT EACH POLE AND BOND TO POLE IN SUCH A WAY AS TO LEAVE NO EXPOSED COPPER. (TYPICAL)
- 8 SITE LOCATE TYPE L, L6 LUMINAIRES WITH LANDSCAPE ARCHITECT TO MINIMIZE DISRUPTION OF EXISTING VEGETATION AND FOR OPTIMAL LOCATION FOR AMPITHEATRE. (TYPICAL) PROVIDE 0-10V DIMMING CONTROL OF (8) TYPE A&B LUMINAIRES. DIMMER TO BE LOCATED IN LOCKABLE CABINET NEXT TO PANEL C.
- 9 DIRECT TWO TYPE A FIXTURES FROM TYPE L5 LUMINAIRES AT BOAT DOCK.
- 10 IN ADDITION TO REFURBISHING THIS POLE AND LUMINAIRE, RELOCATE TO NEW LOCATION INDICATED ON LANDSCAPE DRAWINGS. EXTEND WIRING AS REQUIRED. NEW CONCRETE BASE IS BY G.C.



4		
3		
2		
1		
0	ISSUED FOR CONSTRUCTION	MAY 13, 2016
Revision	Description	Date
Client		client

**PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

Project title  
**THE FORKS NATIONAL HISTORIC SITE INFRASTRUCTURE UPGRADES**

**THE FORKS WINNIPEG, MANITOBA**

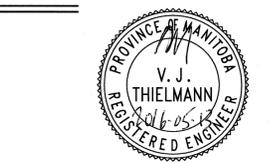
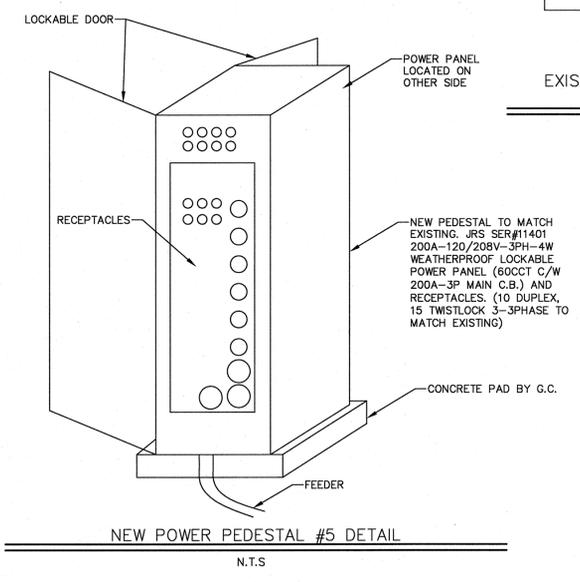
Designed by **DZ** Conçu par  
 Drawn by **ITS** Dessiné par  
 Approved by \_\_\_\_\_ Approuvé par  
 PWGSC Project Manager / Administrateur de Projets TPSGC  
**Christina Kovacs**  
 Drawing title / Titre du dessin

**OVERALL SITE ELECTRICAL RENOVATION PLAN**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
<b>R.075208.001</b>	<b>E02</b>	<b>0</b>
	OF 4	

RENOVATED SITE LUMINAIRE SCHEDULE						
TYPE	DESCRIPTION	CATALOG NUMBER	EQUAL #1	EQUAL #2	VOLTAGE	LAMP
1	L3 POLE MOUNTED THREE(3) GLOBE FIXTURE	EXISTING FIXTURE	EXISTING FIXTURE	EXISTING FIXTURE	208V-1PH	RETROFIT LED (APPROX. 75W)
1	L5 POLE MOUNTED FIVE(5) GLOBE FIXTURE	EXISTING FIXTURE	EXISTING FIXTURE	EXISTING FIXTURE	208V-1PH	RETROFIT LED (APPROX. 115W)
6	L FOUR(4) FLOOD LIGHTS (TYPES A&B) C/W SNOOT/VISOR	LUMENPULSE TYPE A - LBM-208-30K-VN-TBD-DIM-VS TYPE B - LBM-208-30K-VN-LSLH-TBD-DIM-VS C/W 4.88m LUMCA LUMFIX POLE & SIDE MOUNT TENONS	TYPE A - CASTALDI - BE1215-GR-0224 TYPE B - CASTALDI - BE1215-GR-0224 C/W CUSTOM LINEAR LENS C/W POLE HOLOPHANE - SL A 16 T2J BP P01 ABG SL	TYPE A - PRISMA - 076120 LED CUSTOM LINEAR LENS C/W HAPCO - 216065-EXT-XX-16-AB	208V-1PH	4-28W LED
6	L5 FIVE(5) FLOOD LIGHTS (TYPES A&B) C/W SNOOT/VISOR	LUMENPULSE TYPE A - LBM-208-30K-VN-TBD-DIM-VS TYPE B - LBM-208-30K-VN-LSLH-TBD-DIM-VS C/W 4.88m LUMCA LUMFIX POLE & SIDE MOUNT TENONS	TYPE A - CASTALDI - BE1215-GR-0224 TYPE B - CASTALDI - BE1215-GR-0224 C/W CUSTOM LINEAR LENS C/W POLE HOLOPHANE - SL A 16 T2J BP P01 ABG SL	TYPE A - PRISMA - 076120 LED CUSTOM LINEAR LENS C/W HAPCO - 216065-EXT-XX-16-AB	208V-1PH	5-28W LED
6	L6 SIX(6) FLOOD LIGHTS (TYPES A&B) C/W SNOOT/VISOR	LUMENPULSE TYPE A - LBM-208-30K-VN-TBD-DIM-VS TYPE B - LBM-208-30K-VN-LSLH-TBD-DIM-VS C/W 4.88m LUMCA LUMFIX POLE & SIDE MOUNT TENONS	TYPE A - CASTALDI - BE1215-GR-0224 TYPE B - CASTALDI - BE1215-GR-0224 C/W CUSTOM LINEAR LENS C/W POLE HOLOPHANE - SL A 16 T2J BP P01 ABG SL	TYPE A - PRISMA - 076120 LED CUSTOM LINEAR LENS C/W HAPCO - 216065-EXT-XX-16-AB	208V-1PH	6-28W LED
	N6 WATERPROOF LED MOUNTED INTO EXISTING RECESS	BEGA 22267 C/W NECESSARY FRAME FOR MOUNTING BOLLARD	PRISMA LED 441-N-LED-11W C/W CUSTOM ADAPTOR AND STAINLESS HOUSING	SISTEMALUX S.6255W-UNV-XX C/W CUSTOM BRACKET ADAPTOR	208V-1PH	38W LED

LUMINAIRE SCHEDULE NOTES:  
 1. UTILIZE EXISTING CONTROL FOR ALL OUTDOOR LUMINAIRES.  
 2. BASES FOR NEW POLE LIGHTS ARE BY G.C. REFER TO STRUCTURAL FOR DETAILS.  
 3. UTILIZE TAMPER-PROOF FASTENERS FOR ALL EXPOSED HARDWARE ON LUMINAIRES.



**APEGM**  
 Certificate of Authorization  
 Nova 3 Engineering Ltd.  
 No. 962 Date: 2/16-05-13

**NOVA 3 ENGINEERING LTD.**  
 CONSULTING ENGINEERS  
 201-120 FORT STREET TEL: (204) 943-6142  
 WINNIPEG, MANITOBA R3C 1C7 FAX: (204) 942-1276  
 WWW.NOVA3.CA IN: 352606  
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