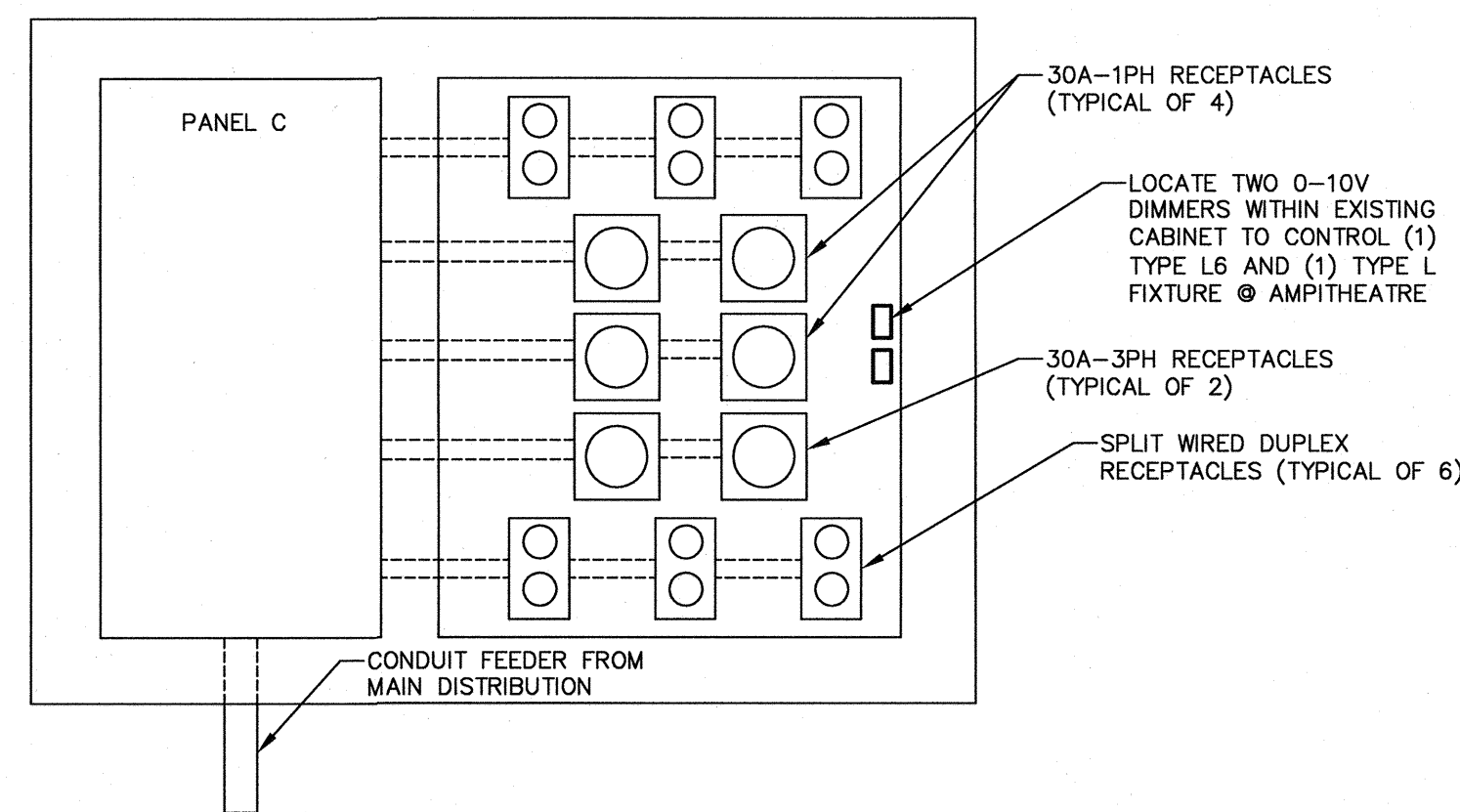


**1**  
**E02** **ELECTRICAL RENOVATION LAYOUT**  
SCALE: 1750

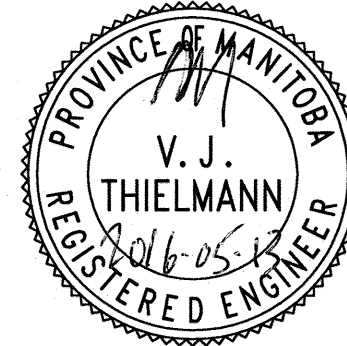
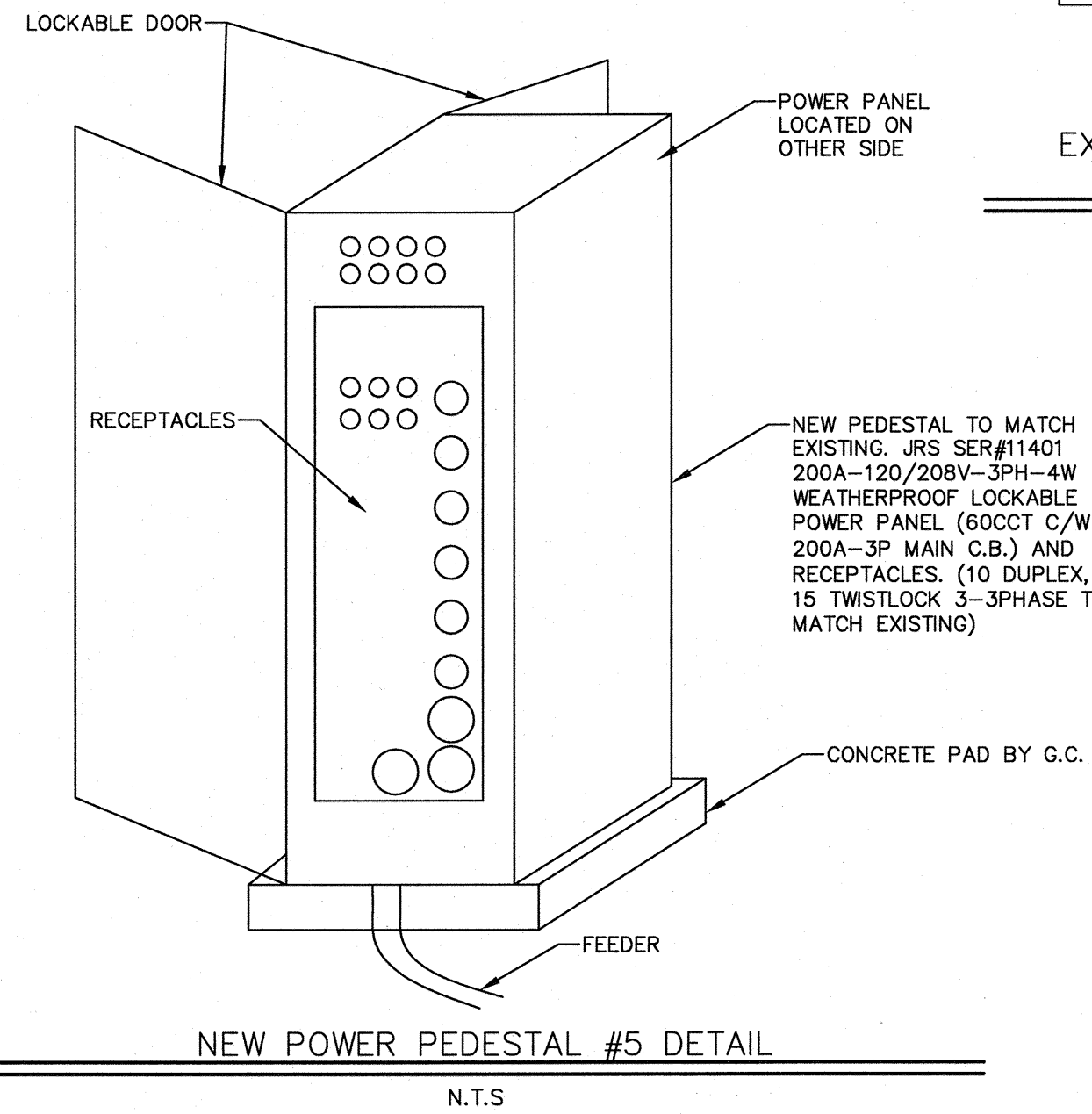
**SPECIFIC ELECTRICAL NOTES**

- 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.
- ADD NEW LOCKABLE POWER PEDESTAL WITH RECEPTACLES INSIDE FOR SITE FUNCTIONS. SITE CONFIRM LOCATION WITH LANDSCAPE ARCHITECT. SEE NEW POWER PEDESTAL #5 DETAIL.
- REPLACE ALL EXISTING FIXTURES IN RAMP WITH NEW TYPE N6. (12 TOTAL) CONNECT TO EXISTING CIRCUITS USING FOR TYPE R6.
- PROVIDE ELECTRICAL REVISIONS TO ACCOMMODATE ARCHITECTURAL AND MECHANICAL CHANGES TO THE WASHROOMS AND OFFICE. SEE ENLARGED DRAWING ON E03, E04.
- 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.
- 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 TRENCING. MINIMUM 1m BELOW GRADE. AT EXISTING FIXTURE SURFACE CONDUIT WILL BE ACCEPTABLE AS EXISTING BASES ARE TO REMAIN. (TYPICAL)
- 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 TECK90. CONNECTIONS IN HAND HOLE TO BE MADE WATER-TIGHT. UTILIZE SMOOTH LOOK 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)
- 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.
- DIRECT TWO TYPE A FIXTURES FROM TYPE L5 LUMINAIRES AT BOAT DOCK.
- 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.



| 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) 4.88m POLE C/W TYPE B LBM-208-30K-VN-TBD-DIM-VS C/W 4.88m LUMCA LUMFIX POLE & C/W SNOOT/VISOR  | LUMENPULSE TYPE A - LBM-208-30K-VN-TBD-DIM-VS TYPE B - LBM-208-30K-VN-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 TYPE B - PRISMA - 076120 LED C/W CUSTOM LINEAR LENS C/W POLE HAPCO - 216065-EXT-XX-16-AB | 208V-1PH | 4-28W LED                   |
| 6                                 | L5 FIVE(5) 4.88m POLE C/W TYPE B LBM-208-30K-VN-TBD-DIM-VS C/W 4.88m LUMCA LUMFIX POLE & C/W SNOOT/VISOR | LUMENPULSE TYPE A - LBM-208-30K-VN-TBD-DIM-VS TYPE B - LBM-208-30K-VN-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 TYPE B - PRISMA - 076120 LED C/W CUSTOM LINEAR LENS C/W POLE HAPCO - 216065-EXT-XX-16-AB | 208V-1PH | 5-28W LED                   |
| 6                                 | L6 SIX(6) 4.88m POLE C/W TYPE B LBM-208-30K-VN-TBD-DIM-VS C/W 4.88m LUMCA LUMFIX POLE & C/W SNOOT/VISOR  | LUMENPULSE TYPE A - LBM-208-30K-VN-TBD-DIM-VS TYPE B - LBM-208-30K-VN-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 TYPE B - PRISMA - 076120 LED C/W CUSTOM LINEAR LENS C/W POLE 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.



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| Revision | Description             | Date         |
|----------|-------------------------|--------------|
| 4        |                         |              |
| 3        |                         |              |
| 2        |                         |              |
| 1        |                         |              |
| 0        | ISSUED FOR CONSTRUCTION | MAY 13, 2016 |

Client \_\_\_\_\_

**PUBLIC WORKS AND  
GOVERNMENT SERVICES  
CANADA**

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

**THE FORKS  
WINNIPEG, MANITOBA**

|                                                  |                                 |
|--------------------------------------------------|---------------------------------|
| Designed by<br><b>DZ</b>                         | Conçu par                       |
| Drawn by<br><b>ITS</b>                           | Dessiné par                     |
| Approved by                                      | Approuvé par                    |
| PWGSC Project Manager<br><b>Christina Kovacs</b> | Administrateur de Projets TPBGC |
| Drawing title                                    | Titre du dessin                 |

**OVERALL SITE  
ELECTRICAL  
RENOVATION PLAN**

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