

**GENERAL ELECTRICAL NOTES**

1. LABEL ELECTRICAL CIRCUIT AND DEVICES WITH LAMACOID PLATES.
2. MINIMUM WIRE SIZE #12.

**SPECIFIC ELECTRICAL NOTES**

1. WIRE AND CONNECT LED TRANSFORMER WITHIN COLUMN. COORDINATE ACCESS PANEL LOCATION.
2. INSTALL CONDUIT FROM PANEL A TO LIGHT POLES AND ARCHWAY PILLAR. MINIMUM 1M BELOW GRADE. REPAIR SURFACE TO ORIGINAL CONDITION.
3. PROVIDE NEW PANEL A TO REPLACE EXISTING PANEL. RECONNECT ALL EXISTING CIRCUITS.
4. PROVIDE A 3/4" PVC CONDUIT SLEEVE FOR ALL WIRING BELOW ARCH PILLAR.

**GENERAL NOTES**

1. ALL DIMENSIONS SHOWN IN METRIC UNITS. NUMBERS WITH DECIMALS INDICATE METERS. WHOLE NUMBERS INDICATE MILLIMETERS.
2. ALL UTILITIES ARE SHOWN AS INFORMATION ONLY. CONTRACTOR TO CONFIRM LOCATION OF ALL UTILITIES ON SITE PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO PROTECT ALL TREES, POLES, AREAWAYS ETC. TO REMAIN TO CITY OF WINNIPEG STANDARDS.
4. MIN. CLEARANCE OF 1.0m TO BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EX. WATERMAIN OR SEWERMAIN PIPE AND THE TOP OF THE PROPOSED WORK OR MIN. 0.5m TO BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORK AND THE TOP OF ANY EX. WATERMAIN OR SEWERMAIN PIPE.
5. MAINTAIN MIN. LATERAL CLEARANCE OF 1.0m BETWEEN THE NEAREST EDGE OF THE PROPOSED WORK AND THE NEAREST EDGE OF ANY EX. WATERMAIN OR SEWERMAIN. PREFERRED 2.0m MIN. LATERAL CLEARANCE.
6. CONTACT CUSTOMER TECHNICAL SERVICES BRANCH (986-3322) FOR CLEARANCE OF EX. WATER AND WASTE DEPT. PLANT 48 HOURS PRIOR TO CONSTRUCTION.
7. NO LANE CLOSURES ON CORYDON AVE. DURING 7:00AM-9:00AM, 3:30PM-5:30PM, MON-FRI. ALL TEMPORARY TRAFFIC CONTROL AS PER THE MANUAL OF TEMPORARY TRAFFIC IN WORK ZONES ON CITY STREETS.
8. TRAFFIC SIGNALS CLEARANCE REQUIRED PRIOR TO CONSTRUCTION. CONTRACTOR TO CALL 986-4193 MANUAL OF TEMPORARY TRAFFIC IN WORK ZONES ON CITY STREETS.

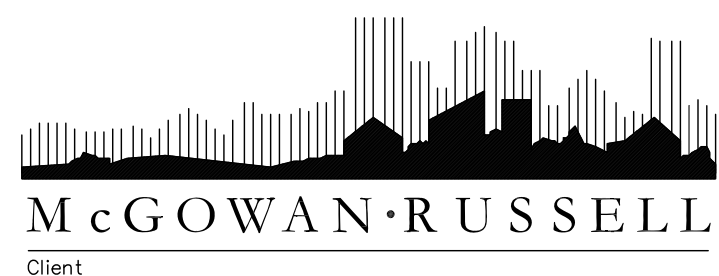
**Electrical Specification**

1. Scope of Work - The contract shall include the furnishing of labour, new material, equipment and services necessary and reasonably implied and incidental to the complete installation of the electrical work shown on the plans and specifications. Supply and install all devices required for the complete approved system, operating to the complete satisfaction of the Contract Administrator.
2. Laws, Rules, Ordinances and Inspections - The entire electrical installation shall comply with the latest edition of the Canadian Electrical Code and with all provincial and municipal laws; rules and ordinances. Prepare and submit to the proper authorities all necessary permits and pay all permit fees.
3. Responsibility - The Contractor shall be responsible for any damage caused the City or their Contractors by improperly carrying out this contract.
4. Drawings - The Contractor shall carefully examine all drawings relating to the Work, to be certain that the Work under this Contract can be carried out and, prior to the submission of his/her Bid in accordance with B4, report at once to the Contract Administrator any defect, discrepancy, omission or interference affecting the Work of this section or the guarantee of same.
5. Identification - Install designatory lettering on all electrical equipment.
6. Guarantee - The Electrical Contractor shall guarantee the satisfactory operation of all work and apparatus included and installed under this section for a period of twelve (12) calendar months after the final acceptance of the complete building.
7. Existing Work - The Electrical Contractor shall take into account items which he/she is responsible for due to the changes and alterations to the existing site and allow for such items that may occur in his/her tendered price.
8. Minimum wire size #12 AWG RW90 all wiring to be copper. All wiring to be in rigid PVC conduit.
9. All new distribution equipment is to be weather-proof, vandal-resistant.
10. Identify all existing underground plant and utilities. Repair any damage to existing underground plant and utilities caused during installation of electrical equipment wiring and bases.

**SYMBOL SCHEDULE**

- (A) MICRO LED LIGHTS IN FLEXIBLE PVC EXTRUSION TO BE MLS-WW-1-24-4000K C/W 2-250VA 120-24 OUTDOOR RATED TRANSFORMER, 1-MLS-CRNS-60-15-C RECTIFIER, MOUNTED TO ARCHWAY WITH NN-C10-POLY POLYCARBONATE 1/2" U CHANNEL TRACK FOR OUTDOOR USE.
- WP GF WEATHER-PROOF GROUND FAULT DUPLEX RECEPTACLE.
- NEW RIGID PVC CONDUIT
- - - RIGID PVC CONDUIT INSTALLED BY PUBLIC WORKS (NOT IN CONTRACT)

No.	Revisions	Date	By
Date	Scale		
05-26-10	1:400		
Designed By	Drawn By	Checked By	
DZ	AH	DZ	
Seals			



Client  
**TRANSCONA BIZ**  
 Project Title  
**DOWNTOWN  
 TRANSCONA  
 REVITALIZATION**

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Sheet Title  
**ELECTRICAL PLAN**  
 1 of 3  
 Project No. 09-050 Drawing No. **E1.1**