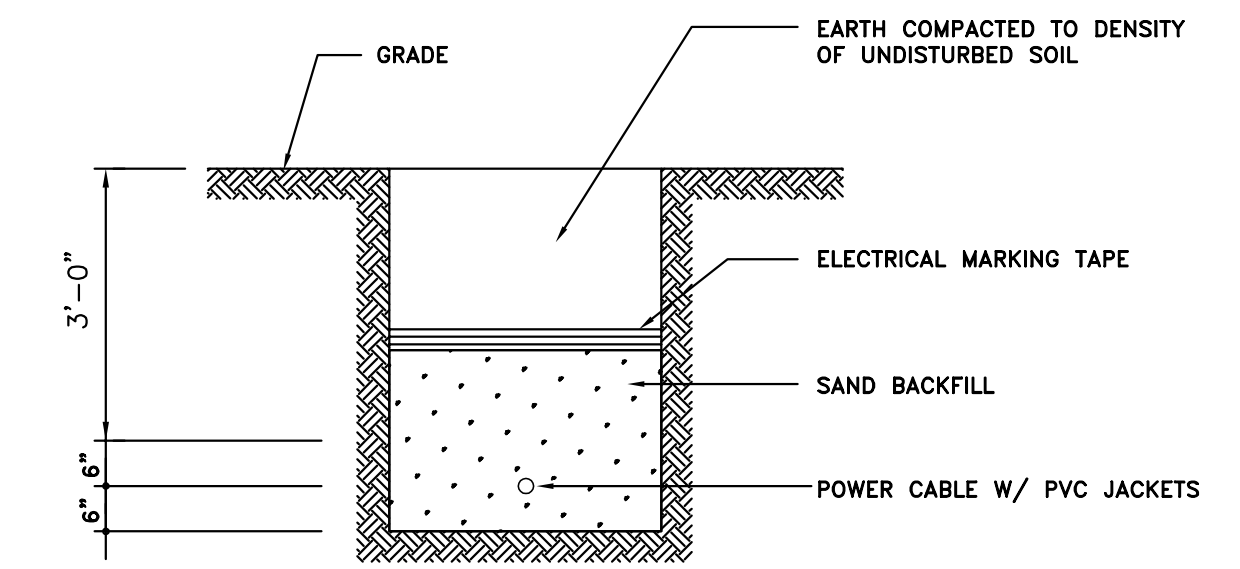


**SYMBOL SCHEDULE**

- (A) POST MOUNTED LUMINAIRE C/W STEEL STREET LIGHT POLE. LUMINAIRE TO BE SCL VPS0-LES-150S-240V A11 PC/80 C/W 1-150W HPS LAMP AND 8 GUARDS. POLE TO BE WCE 16" ROUND STEEL STREET LIGHT POLE, 5" DIAMETER, 16" ABOVE GROUND, 6" BELOW GROUND. POWDER COATED, COLOR BLACK, C/W MATCHING TENON.

**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 consultant.
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 - Be responsible for any damage caused the owners or their contractors by improperly carrying out this contract.
4. Drawings - The Electrical 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 tender, report at once to the Engineer 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 building and allow for such items that may occur in his/her tendered price.
8. Minimum wire size #12 AWG all wiring to be copper.
9. All new distribution equipment is to match existing.
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.
11. Provide concrete bases, trenching, and backfilling.



**POWER TRENCH DETAIL**  
N.T.S.

**GENERAL ELECTRICAL NOTES**

1. REFER TO WATER FEATURE SUPPLIER'S INSTALLATION DRAWINGS FOR DETAILS ON ASSOCIATED ELECTRICAL WORK.
2. PERFORM ALL BONDING AS REQUIRED BY SECTION 68 OF C.E.C. FOR ALL NEW AND EXISTING ELECTRICAL AND METAL COMPONENTS IN THE POOL AREA. EXISTING GROUND CONDUCTORS MAY BE REUSED IF IN GOOD CONDITION AND ACCEPTABLE TO THE CITY AND THE LOCAL AUTHORITY HAVING JURISDICTION.

**SPECIFIC ELECTRICAL NOTES**

1. ACTIVATION BOLLARD, BOND TO GROUND WITH MINIMUM #6 AWG CU IN 3/4" PVC CONDUIT. WIRE & CONNECT TO MANIFOLD AS REQUIRED.
2. GROUND EACH WATER FEATURE WITH MINIMUM #6 AWG CU IN 3/4" PVC CONDUIT. PUSH CONDUIT UNDER EXISTING CONCRETE.
3. CONNECT NEW SYSTEM MANIFOLD TO GFI PROTECTED 120V-1PH POWER SUPPLY AS REQUIRED BY SYSTEM SUPPLIER. UTILIZE EXISTING FEEDER TO BUILDING.
4. TRENCH CABLE TO PATHWAY AREA. TRENCH TO FOLLOW CONTOUR OF PATHWAY TO LIGHTS. SOD TO BE CAREFULLY REMOVED, TRENCH TO BE DUG AND BACKFILLED. SOD TO BE REPLACED AND MADE GOOD.
5. APPROXIMATE LOCATION OF EXISTING FPE PANEL IN EXISTING ELECTRICAL ROOM. PROVIDE A NEW MATCHING 15A-2P CIRCUIT BREAKER TO FEED NEW LIGHTING. CONTROL WITH A PHOTOCELL MTD. AT HIGH LEVEL.
6. BOND EXISTING DRAIN IN ACCORDANCE WITH C.E.C.

1	ISSUED FOR TENDER	12/08/04	DZ
0	ISSUED FOR REVIEW	APR 27/04	DZ
No.	Revisions	Date	By
Date	Scale		

27-04-04	1:150	Designed By	Drawn By	Checked By
DZ	MZ	VJT		



CITY OF WINNIPEG  
Project Title  
**BURROWS CENTRAL  
PARK RENOVATION  
PROJECTS**

Sheet Title  
**BOYD PARK  
ELECTRICAL PLAN**  
Project No. 24-054 Drawing No. E1

