

## Jubilee Station - JN 34-129E

### 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 and additionally described on the plans and specifications. Supply and install all electrical wiring materials, equipment and labour required for the complete approved system, operating to the complete satisfaction of the responsible professional engineer.
- .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 law, rules and ordinances. Prepare and submit to the proper authorities all necessary permits and pay all permit fees.
- .3 Responsibility - Be solely responsible for any damage caused the Owners or their contractors by improperly carrying out the electrical work documented under this professional seal and project number.
- .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 responsible professional 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 Visit to site - Visit site to determine the extent of work.
- .8 Provide all trenching and backfilling. Locate all underground structures and repair all damage to underground structures if they become damaged.
- .9 Provide all wiring for the bus detection system.
- .10 Ground all equipment in accordance with Canadian Electrical Code and manufacturers instructions.
- .11 Co-ordinate electrical work with supply utility including interim phasing.
- .12 Supply and install, wire and connect, lamp all luminaires.
- .13 Wire and connect all signage and specialty lighting.
- .14 Provide all control wiring unless specified to be provided by others.
- .15 Wire and connect all mechanical equipment provided by mechanical section. Adjust circuit breaker, wire size, motor starter and disconnect switches according to final nameplate ratings of mechanical equipment.
- .16 All readers shall refer and apply all available additional cautionary notes from manufactures's and consultants websites.