



| LEGEND |   |
|--------|---|
|        | WALL MOUNTED H.I.D. OR INCANDESCENT FIXTURE     |
|        | SINGLE POLE, SURFACE MTD CLASS 1, DIV. 1 SWITCH |
|        | DISCONNECT SWITCH                               |
|        | ELECTRICAL PANEL (AS INDICATED)                 |
|        | MOTOR AND DISCONNECT                            |
|        | MAGNETIC MOTOR STARTER                          |
|        |   |
|        |   |
|        |   |

- GENERAL NOTES**
- CONFIRM ALL ELECTRICAL REQUIREMENTS WITH ALL DRAWINGS AND SPECIFICATIONS. PROVIDE ALL ELECTRICAL CONNECTIONS AS SPECIFIED THEREIN.
  - THE STATION BASEPLAN AND LAYOUT SHOWN IS FOR REFERENCE ONLY. EXACT LOCATION, LAYOUT AND DIMENSIONS ARE TO BE OBTAINED FROM THE STATION DETAILS AND SITE DRAWING SET.
  - WIRING AND INSTALLATION METHODS SHALL COMPLY WITH ALL CODES AND STANDARDS TO SUIT THE AREA CLASSIFICATION INDICATED.
  - COORDINATE ELECTRICAL UTILITY SERVICE WORK WITH MANITOBA HYDRO AND MTS.
  - ALL MATERIALS AND INSTALLATION SHALL CONFORM WITH CEC CSA C22.1-02.
  - PAY FOR AND ARRANGE FOR ALL PERMITS AS REQUIRED.
- SPECIFIC NOTES**
- COMBINATION METERING/SERVICE ENTRANCE RATED WEATHERPROOF PANEL 'MD1'. MOUNT PANEL ON H-CHANNEL SUPPORTS EMBEDDED IN CONCRETE.
  - THE PUMPING STATION IS CLASSIFIED AS A HAZARDOUS CLASS 1 DIV. 1 AREA.
  - THE PANELS SHALL BE CENTERED ON A 150mm CONCRETE, STEEL RE-ENFORCED CONCRETE HOUSEKEEPING PAD (APPROXIMATELY 3000mm BY 1200mm - FIELD CONFIRM TO SUIT).
  - PROVIDE 53mm RIGID PVC CONDUIT FROM MTS TELEPHONE POLE TO THE COMMUNICATIONS CABINET. CONFIRM EXACT LOCATION OF POLE ON SITE. COORDINATE WORK WITH MTS.
  - PROVIDE #2/0 BARE COPPER BONDING GROUND CONDUCTOR FROM GROUND TO TO ALL CABINETS / ENCLOSURE CABINETS.

**ELECTRICAL SITE PLAN**  
SCALE: 1:100

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS



| B.M. ELEV. |           | FIELD BOOK # |       | <i>CITY OF WINNIPEG<br/>WATER AND WASTE<br/>ENGINEERING DIVISION</i> |            |
|------------|-----------|--------------|-------|--|------------|
| POSTED TO  | LBS       | DESIGNED BY  | DEB   | CHECKED BY   | EMR        |
|            |           | DRAWN BY     | DEB   | APPROVED BY  | EMR        |
|            |           | HOR. SCALE   | 1:100 | RELEASED FOR CONSTRUCTION  |            |
|            |           | VERTICAL     | 1:100 |  |            |
| NO.        | REVISIONS | DATE         | BY    | DATE   | 2005 09 29 |

ENGINEER'S SEAL

ORIGINAL SIGNED  
E.M.RYCZKOWSKI  
09/22/05

BID OPPORTUNITY: 576-2005  
FILENAME: Crescent E1.dwg  
PLOT DATE: 2005 09 29

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2005 CRESCENT DRIVE WASTEWATER SEWER AND PUMPING STATION CONSTRUCTION  
**WASTEWATER PUMPING STATION  
ELECTRICAL SITE PLAN**

SHEET 6 OF 9  
CITY DRAWING NUMBER  
**05693**