

**NOTES :**

CONSTRUCTION STANDARDS

TO BE CONSTRUCTED IN ACCORDANCE WITH MANITOBA HYDRO DISTRIBUTION AND SUBTRANSMISSION STANDARDS. LATEST REVISIONS. NO MAJOR CHANGE SHALL BE MADE WITHOUT APPROVAL OF THE DESIGN ENGINEER OR DELEGATE.

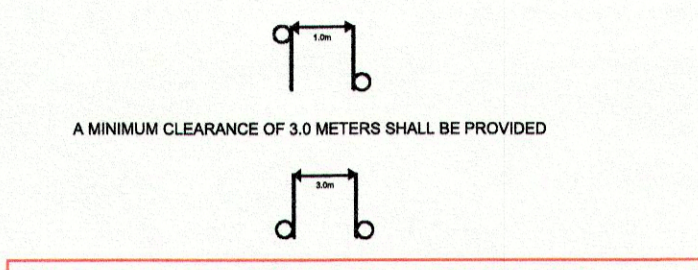
CITY OF WINNIPEG REQUIREMENTS:

WATER AND WASTE DEPARTMENT APPROVAL SUBJECT TO THE FOLLOWING NOTES:

A MINIMUM CLEARANCE OF 1000 MILLIMETERS SHALL BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING WATERMAIN OR SEWERMAIN PIPE AND THE TOP OF THE PROPOSED WORKS

A MINIMUM CLEARANCE OF 800 MILLIMETERS SHALL BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF ANY EXISTING WATERMAIN OR SEWERMAIN PIPE

A MINIMUM LATERAL CLEARANCE OF 1.0 METER SHALL BE PROVIDED BETWEEN THE NEAREST EDGE OF THE PROPOSED WORKS AND THE NEAREST EDGE OF ANY EXISTING WATERMAIN, WATERMAIN VALVE, HYDRANT, SEWERMAIN OR SEWER MANHOLE.



FOR CLEARANCE OF EXISTING WATER & WASTE DEPARTMENT PLANT CONTACT THE SURVEY & INSPECTION BRANCH 48 HOURS PRIOR TO CONSTRUCTION AT 986-3322

**PROPOSED SEQUENCE OF CONSTRUCTION:**

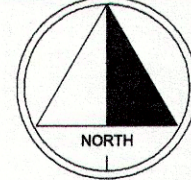
- ARRANGE FOR TEMPORARY OVERHEAD FEED OF LIGHTS AND DISCONNECTION & ISOLATION OF EXISTING UNDERGROUND STREET LIGHTING CABLE WITHIN WORK AREA.
- INSTALL NEW UNDERGROUND STREET LIGHTING CABLE AND LEAVE COILED AT LOCATION FOR FINAL CONNECTION BY MANITOBA HYDRO.
- ONCE NEW LIGHTS ARE COMMISSIONED AND TEMPORARY OVERHEAD WIRING IS REMOVED, REMOVE EXISTING STREET LIGHTING AND BASES, DISPOSE IN ACCORDANCE WITH TECHNICAL REQUIREMENTS.
- COMPLETION OF STREET LIGHTING WORKS SHALL BE COMPLETED PRIOR TO FINAL LANDSCAPING.

| CONTACT                 | NAME             | PHONE    |
|-------------------------|------------------|----------|
| DESIGN                  | TOM HUMBLE       | 250-7951 |
| DISTRICT ENG TECH       | TIM WILKINSON    | 250-4482 |
| ENERGY SERVICES ADVISOR | TERRY MCCARTHY   | 360-4127 |
| LIVD CONSTRUCTION       | SEB AMBETER      | 360-2919 |
| COH CONSTRUCTION        | WAYNE RELAND     | 360-5786 |
| CUSTOMER CONTRACT       | PHIL ROBERTSON   | 360-5709 |
| INSPECTOR               | DAVE KIRKPATRICK | 795-0658 |
| TEMP. STRINGING         | CAM GIBSON       | 223-4851 |

NOTE: INDICATION OF ALL UNDERGROUND UTILITIES IS FOR ILLUSTRATIVE PURPOSES ONLY. CONTACT THE APPLICABLE UTILITIES FOR SPECIFIC PLANT LOCATIONS AND CLEARANCES.

INFORMATION PERTAINING TO THE SIZE AND LOCATION OF MANITOBA HYDRO FACILITIES AND INSTALLATIONS IS ILLUSTRATIVE AND SHOULD NOT BE RELIED ON FOR THE PURPOSES OF ANY ACTIVITY BEING CONDUCTED AT OR NEAR THE IDENTIFIED HYDRO INSTALLATIONS. ALL LOCATIONS AND EQUIPMENT MUST BE VERIFIED BY APPROPRIATE HYDRO DISTRICT OFFICES PRIOR TO ANY PHYSICAL ACTIVITY UNDERTAKEN AT OR NEAR HYDRO INSTALLATIONS. A CURRENT WORK CLEARANCE REQUEST FORM CAN BE OBTAINED FROM THE DISTRICT OFFICE AND MUST BE ON SITE PRIOR TO THE COMMENCEMENT OF ANY EXCAVATIONS.

**CALL BEFORE YOU DIG!!**



| DATE | REVISIONS  | BY                | CHKD. | APP. | ORIGINAL DRAWING SEALED BY | AREA NUMBER    | MANITOBA HYDRO DISTRIBUTION PLANNING & DESIGN                            |
|------|------------|-------------------|-------|------|----------------------------|----------------|--|
| 00   | 2013/06/13 | ISSUED FOR TENDER | MP    | AB   | AB                         | 5101           | WBS # P-21433 NETWORK # 4301770  |
|      |            |                   |       |      |                            | STATION NUMBER | DISTRICT: KEEWATIN   |
|      |            |                   |       |      |                            | FEEDER NUMBER  | STREET LIGHTING PROJECT - MULVEY AVENUE, ROYSE AVENUE AND DIPLOMAT DRIVE |
|      |            |                   |       |      |                            | DRAWN          | DIPLOMAT DRIVE   |
|      |            |                   |       |      |                            | CHECK          | CONTRACTOR TO DIRECT REPLACE EXISTING STREET LIGHT PLANT KEEWATIN        |
|      |            |                   |       |      |                            | SCALE          | SYSTEM VOLTAGE   |
|      |            |                   |       |      |                            | DATE           | 7.2/12.47 KV   |
|      |            |                   |       |      |                            | DATE           | 2013/06/06   |