

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

PROPOSED SEQUENCE OF CONSTRUCTION:

- MH STAFF SHALL DISCONNECT AND ISOLATE THE EXISTING STREET LIGHT POLE OR POLES TO BE REPLACED.
- CONTRACTOR TO INSTALL TEMPORARY OH FEEDS BETWEEN EXISTING POLES.
- MH STAFF TO INSTALL FINAL DROP FROM EXISTING POLE TO SOURCE AND ENERGIZE.
- CONTRACTOR TO INSTALL NEW POLES, UNDERGROUND STREET LIGHT CABLE BETWEEN POLES, GROUND RODS, RELAYS, AND BOTTOM SECTION OF CABLE GUARD AT DIP (IF APPLICABLE) AND TERMINATE IN HAND HOLE.
- MH STAFF TO DISCONNECT AND ISOLATE TEMPORARY OH FEED TO EXISTING POLES, AS WELL AS COMMISSION AND ENERGIZE NEW POLES FROM NEW UNDERGROUND SOURCE.
- CONTRACTOR TO REMOVE OH FEEDS AND REMOVE EXISTING POLES.

CONTACT	NAME	PHONE
DESIGN	SLAVA REYZIN	284-8100 ext. 1339
DISTRICT ENG TECH	JILL SITAR	360-5718
ENERGY SERVICES ADVISOR	DARRYL STOCKI	360-7715
UG CONSTRUCTION	BILL AMMETER	360-7019
OH CONSTRUCTION	WAYNE IRELAND	360-5766
CUSTOMER CONTRACT	BOB FOUGERE	360-7198
CONNECTIONS	ALVARO SILVA	360-4214
TEMP. STRINGING	TERRY TABAK	360-7521

SYMBOL	DESCRIPTION
MAGENTA	PROPOSED TRENCH
RED	PROPOSED OBJECT
PINK	OBJECT TO BE ABANDONED
GREEN	OBJECT TO BE SALVAGED
BLACK	EXISTING OBJECT
▲ ANNOTATION	1 - REAL OR STREET LIGHTING CABLE
▲ ANNOTATION	1 - 1/0 TRIPLEX STREET LIGHTING CABLE

INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
11	LED	40	EXCLUSIVE
1	LED	60	EXCLUSIVE
REMOVED			
Quantity	Fixture Type	Wattage	Pole Type
13	HPS	70	EXCLUSIVE

REPLACE THE LUMINAIRE ONLY AS SHOWN (DO NOT REPLACE THE DAVITS)

INSTALL NEW GROUND ROD AS PER CD 50-5.

INSTALL ALL #4 AL CN CABLES IN 50mm CONDUITS.

MH SHALL CUT, CAP AND ABANDON ORIGINAL FEED TO THE LIGHTS PROPOSED FOR REMOVAL.

INSTALL NEW GROUND ROD AS PER CD 50-5.

OBTAIN TEMPORARY FEED FROM EXIST NG DAVIT.

PLACE THE NEW DAVITS ON THE 4.6m OR 5.3m ALIGNMENT AS SHOWN. COORDINATE FINAL DAVIT LOCATIONS WITH MH.

CONTRACTOR SHALL INSTALL LOWER 3m OF CABLE GUARD (AS PER CD 315-5 AND CD 200-63) AND COIL NEW CABLE FOR CONNECTION BY MANITOBA HYDRO.

RUN A TOTAL OF 532.0m OF #4 AL CN CABLE IN A 50mm CONDUIT TO FEED THE PROPOSED NEW LIGHTS.

MH TO INSTALL A NEW 60A POLE MOUNTED STREET LIGHT RELAY INCLUDING A #4 AL CN STREET LIGHT DIP AS PER CD 315-5 AND CONNECT TO PHOTO ELECTRIC CONTROLLER WITH BY-PASS SWITCH AS PER CD 315-11.

UPON LOCKOUT AND TAGOUT BY MANITOBA HYDRO, CONTRACTOR SHALL INSTALL TEMPORARY #4 DUPLEX OVERHEAD FEED IN ORDER TO MAINTAIN LIGHTING DURING CONSTRUCTION.

AT THE END OF CONSTRUCTION, TEMPORARY OVERHEAD CABLE SHALL BE DISCONNECTED BY MH AND SALVAGED BY CONTRACTOR.

INSTALL ALL #4 AL CN CABLES IN 50mm CONDUITS.

MH SHALL CUT, CAP AND ABANDON ORIGINAL FEED TO THE LIGHTS PROPOSED FOR REMOVAL.

INSTALL NEW GROUND ROD AS PER CD 50-5.

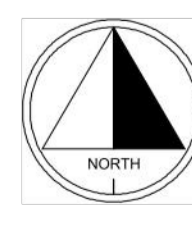
OBTAIN TEMPORARY FEED FROM EXISTING DAVIT.

PLACE THE NEW DAVITS ON THE 4.6m OR 5.3m ALIGNMENT AS SHOWN. COORDINATE FINAL DAVIT LOCATIONS WITH MH.

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

PRELIMINARY NOT TO BE USED FOR CONSTRUCTION

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.



DATE	REVISIONS	BY	CHKD.	APP.

DRAWING NUMBER	REFERENCE DRAWINGS	DRAWN	SR
	CITY OF WINNIPEG APPROVED PLAN	CHECK	
		SCALE	1:750
		DATE	2019/03/20

AREA NUMBER	4901	MANITOBA HYDRO
STATION NUMBER	2637	DISTRIBUTION PLANNING & DESIGN
FEEDER NUMBER	PR645	WBS # P:31740 NETWORK # 4305734
SYSTEM VOLTAGE	7.2/12.47KV	DISTRICT: FORT GARRY
		STREET LIGHTING PROJECT - VILLENEUVE FROM DUCHARME AV TO RUE DES TRAPPISTES
		CONTRACTOR TO REPLACE EXISTING UNDERGROUND STREET LIGHTING PLANT.
		1-04707-DE-50000-0471
		SHT. 1/1 REV. 00