

MANITOBA HYDRO TO INSTALL #4 AL CN DIP FOR STREET LIGHT FEED AND INSTALL 60A RELAY AS PER CD 315-5 & CONNECT TO EXISTING PILOT WIRE.

CONTRACTOR SHALL INSTALL LOWER 3.0m OF CABLE GUARD (AS PER CD 315-5 & CD 200-63) AND COIL NEW CABLES FOR CONNECTION BY MANITOBA HYDRO.

UPON LOCKOUT AND TAGOUT BY MANITOBA HYDRO, CONTRACTORS 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 MANITOBA HYDRO AND SALVAGED BY CONTRACTOR.

REUSE 73W LED LUMINAIRE AND GALVANIZED STREET LIGHT DAVITS IF POSSIBLE.

PLACE NEW DAVITS ALONG DOMINION ST 0.5m OFF CURB, COORDINATE FINAL DAVIT LOCATIONS WITH MANITOBA HYDRO.

INSTALL APPROX. 531m OF 2" CONDUIT AND NEW #4 AL CN STREETLIGHT CABLE ALONG NEW ALIGNMENT 2.1m OFF PROPERTY

REUSE 73W LED LUMINAIRE AND GALVANIZED STREET LIGHT DAVITS IF POSSIBLE.

PLACE NEW DAVITS ALONG DOMINION ST 0.5m OFF CURB, COORDINATE FINAL DAVIT LOCATIONS WITH MANITOBA HYDRO.

INSTALL APPROX. 531m OF 2" CONDUIT AND NEW #4 AL CN STREETLIGHT CABLE ALONG NEW ALIGNMENT 2.1m OFF PROPERTY

OBTAIN TEMPORARY FEED FROM EXISTING O/H LUMINAIRE

INSTALL GROUND ROD AS PER CD 50-5

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.

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 500 MILLIMETERS SHALL BE PROVIDED BETWEEN THE UNDERSIDE 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
 A MINIMUM CLEARANCE OF 3.0 METERS SHALL BE PROVIDED BETWEEN THE NEAREST EDGE OF ANY PROPOSED POLE OR LIGHT STANDARD INSTALLATION AND THE NEAREST EDGE OF ANY EXISTING HYDRANT AND HYDRANT BRANCH.

REEL NUMBER	MANUFACTURER	MANUFACTURE DATE

PROPOSED SEQUENCE OF CONSTRUCTION:

- MH STAFF SHALL DISCONNECT AND ISOLATE THE EXISTING STREET LIGHT POLE OR POLES TO BE REPLACED.
- CONTRACTOR TO INSTALL TEMPORARY O/H 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 TOP OF APPLICABLE AND TERMINATE IN MANHOLE.
- MH STAFF TO DISCONNECT AND ISOLATE TEMPORARY O/H FEED TO EXISTING POLES AS WELL AS COMMISSION AND ENERGIZE NEW POLES FROM NEW UNDERGROUND SOURCE.
- CONTRACTOR TO REMOVE O/H FEEDS AND REMOVE EXISTING POLES.

AUTHORITY	NOTIFIED	NOT REQUIRED	OBTAINED
DISTRICT	2018-02-28	X	2018-03-02
S.C.C.	X	X	X
EASEMENTS	X	X	X
GAS	X	X	X
M.T.S.	X	X	X
SHAW	X	X	X
RAILWAY	X	X	X
DEPT OF HIGHWAYS	X	X	X
CITY OF WINNIPEG	?	?	?

CONTACT	NAME	PHONE
DESIGN (TEAM/EXT)	ROGER HERBERT	204-6100 ext. 1320
DISTRICT ENG TECH	GEORGE WEDDALL	360-7451
ENERGY SERVICES ADVISOR	DARRYL STOCKI	360-7715
U/G CONSTRUCTION	BILL AMMETER	360-7019
O/H CONSTRUCTION	WAYNE IRELAND	360-5786
CUSTOMER CONTRACT	ROCK PHILLIPS	360-7018
CONNECTIONS	ALVARO SILVA	360-5214
TEMP. STRINGING	TERRY TABAK	360-7521

OBJECT	PROPOSED TRENCH	PROPOSED OBJECT	OBJECT TO BE ABANDONED	OBJECT TO BE SALVAGED	EXISTING OBJECT
MAGENTA					
RED					
PINK					
GREEN					
BLACK					

LA ANNOTATION 1 - #4 AL CN STREET LIGHTING CABLE
 LL ANNOTATION 1 - 1/0 TRIPLEX STREET LIGHTING CABLE

INSTALLED				
Quantity	Fixture Type	Wattage	Pole Type	
7	LED	73	EXCLUSIVE	

REMOVED				
Quantity	Fixture Type	Wattage	Pole Type	
7	LED	73	EXCLUSIVE	

COW TENDER 2018-R-07

BANNERS AND ASSOCIATED HARDWARE TO BE REMOVED AND RETURNED TO THE CITY OF WINNIPEG, 1277 PACIFIC AVENUE WITH AN ITEMIZED LIST AND QUANTITIES.

CONTACT "CLICK BEFORE YOU DIG MANITOBA" AT ClickBeforeYouDigMB.com

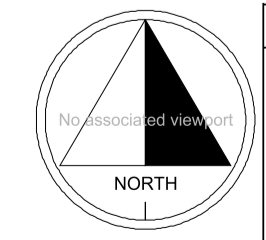
THREE FULL WORKING DAYS

PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING WATER, WASTEWATER, LAND DRAINAGE UTILITIES AND MANITOBA HYDRO UTILITIES

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	RRH
XX-XXX	CITY OF WINNIPEG APPROVED PLAN		

DATE	SCALE
2018-03-13	1:500

AREA NUMBER	MANITOBA HYDRO DISTRIBUTION PLANNING & DESIGN
5202	WO# P-29650 NETWORK # 4304934
STATION NUMBER	DISTRICT: CITY CENTRE
1523	2018 STREET LIGHT RENEWAL PROJECTS
FEEDER NUMBER	DOMINION ST FROM NOTRE DAME AVE TO YARWOOD
461N23	CONTRACTOR TO RELOCATE AND REPLACE EXISTING UNDERGROUND STREET LIGHTING PLANT
SYSTEM VOLTAGE	2.4/4.16kV