

**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:**

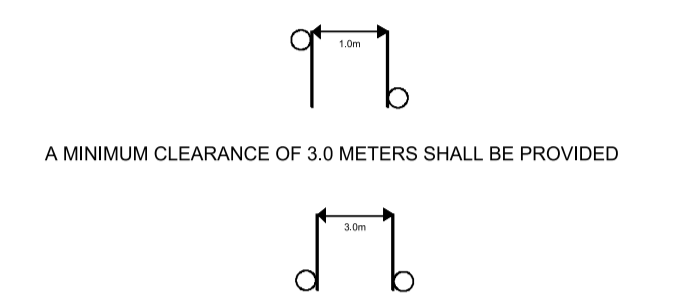
WATER AND WASTE DEPARTMENT APPROVAL SUBJECT TO THE FOLLOWING NOTES:

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

A MINIMUM CLEARANCE OF 500 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.

A MINIMUM CLEARANCE OF 3.0 METERS SHALL BE PROVIDED



REEL NUMBER	MANUFACTURER	MANUFACTURE DATE

AUTHORITY	NOTED	NOT REQUIRED	OBTAINED
DISTRICT	?		?
S.C.C.		X	
EASEMENTS		X	
GAS		X	
M.T.S.		X	
OR		X	
RAILWAY		X	
DEPT OF HIGHWAYS		X	
CITY OF WINNIPEG	?		?

CONTACT	NAME	PHONE
DESIGN (TESHMONT)	BHUPINDER GILL	284-8100 ext. 1231
DISTRICT ENG TECH	GEORGE WEDDALL	360-7451
ENERGY SERVICES ADVISOR	DARRYL STOCKI	360-7715
UG CONSTRUCTION	BILL AMSTER	360-7019
O/H CONSTRUCTION	WAYNE IRELAND	360-5766
CUSTOMER CONTRACT	RICK PHILLIPS	360-7018
CONNECTIONS	ALVARO SILVA	360-6214
TEMP. STRINGING	TERRY TABAK	360-7521

LEGEND	DESCRIPTION
MAGENTA	PROPOSED TRENCH
RED	PROPOSED OBJECT
PINK	OBJECT TO BE ABANDONED
GREEN	OBJECT TO BE SALVAGED
BLACK	EXISTING OBJECT
L=	ANNOTATION 1 - #4 AL CN STREET LIGHTING CABLE
LL=	ANNOTATION 1 - 1/0 TRIPLEX STREET LIGHTING CABLE

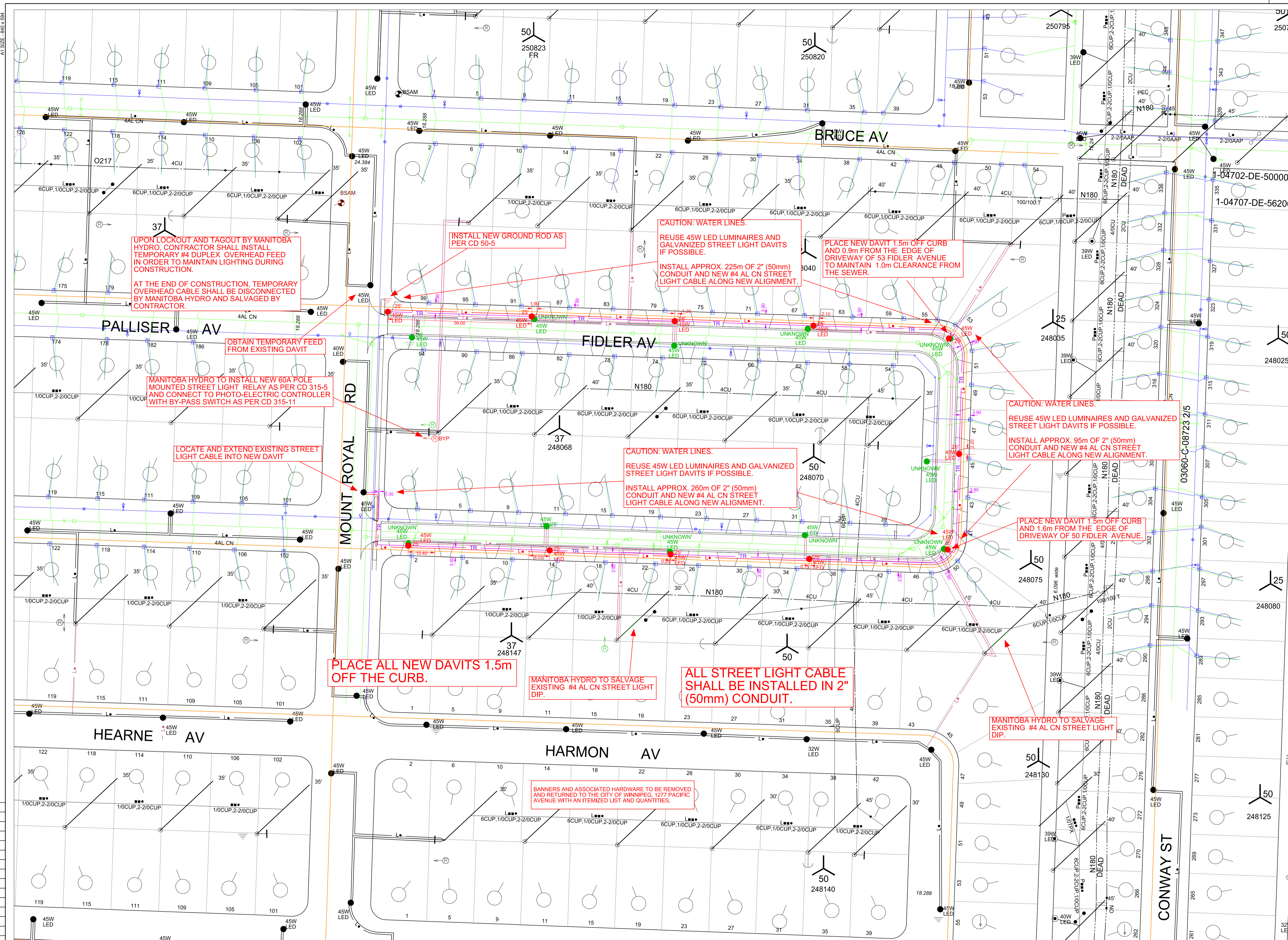
INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
11	LED	45	EXCLUSIVE

REMOVED			
Quantity	Fixture Type	Wattage	Pole Type
11	LED	45	EXCLUSIVE

**PROPOSED SEQUENCE OF CONSTRUCTION:**

- POLE OR POLES TO BE REPLACED.
- CONTRACTOR TO INSTALL TEMPORARY O/H FEEDS BETWEEN EXISTING POLES.
- M/I 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.
- M/I 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.

**COW TENDER 2018-R-02**



CONTACT "CLICK BEFORE YOU DIG MANITOBA" AT [ClickBeforeYouDigMB.com](http://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.



NO.	DATE	REVISION	BY	CKD.	APP.

AREA NUMBER	STATION NUMBER	FEEDER NUMBER	SYSTEM VOLTAGE
5001	1025	N180	2.4/4.16KV