

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.
SITE GRADING
THE DEVELOPER IS RESPONSIBLE FOR GRADING OF THE SITE TO WITHIN +10.15M OF FINISHED GRADE PRIOR TO CONSTRUCTION COMMENCEMENT. BENCHMARKS ARE TO BE OBTAINED FROM THE DEVELOPER OR CONSULTANT.

LOCATION	LUMINAIRE	TYPE	MOUNTING HEIGHT (M)	Avg. Spacing (M)	Avg. Spacing (M)	Avg. Spacing (M)	Avg. Spacing (M)
INKSTER BLVD	150W LED	B	10.7M	1.29	1.61	2.32	52M

REEL NUMBER	MANUFACTURER	MANUFACTURE DATE

AUTHORITY	NOTIFIED	NOT REQ'D	OBTAINED
DISTRICT	X		X
C.O.W./MUNICIPAL	X		X
M.T.S.		X	
GAS		X	
SHAW		X	
EASEMENTS		X	
COMMUNICATIONS		X	
S.C.C.		X	
DEPT. OF HIGHWAYS		X	

CONTACT	NAME	PHONE NUMBER	E-MAIL ADDRESS
DESIGN	PHILIP BRUCE	782-2465	PBRUCE@HYDRO.MB.CA
DESIGN ENGINEER	MATT SINGER	369-3201	MSINGER@HYDRO.MB.CA
PORTFOLIO PM	DARIN WACH	451-2617	DWACH@HYDRO.MB.CA
ENERGY SERVICE ADVISOR	DARRYL STOCKI	918-0341	DSTOCKI@HYDRO.MB.CA
UIG CONSTRUCTION	BILL AMMETER	981-8356	BAMMETER@HYDRO.MB.CA
OH CONSTRUCTION	WAYNE IRELAND	771-5212	WIRELAND@HYDRO.MB.CA
COW SIGNALS	JANOS SALUTA	999-0363	JSALUTA@WINNIEG
SHAW			
M.T.S.			
CUSTOMER REPRESENTATIVE			
DISTRICT ENG. TECH.	MARK SCHRAM	360-7495	MASCHRAM@HYDRO.MB.CA

INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
24	LED	150W	EXCLUSIVE
1	LED	90W	EXCLUSIVE

REMOVED			
Quantity	Fixture Type	Wattage	Pole Type
26	LED	150W	EXCLUSIVE
2	LED	60W	EXCLUSIVE

MACENTA	PROPOSED TRENCH
RED	PROPOSED OBJECT
PINK	OBJECT TO BE ABANDONED
GREEN	OBJECT TO BE SALVAGED
BLACK	EXISTING OBJECT
LA ANNOTATION	1 - 1/4" AL CH STREET LIGHTING CABLE
LL ANNOTATION	1 - 1/2" TRIPLEX STREET LIGHTING CABLE

PRELIMINARY NOT TO BE USED FOR CONSTRUCTION

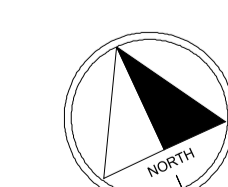
CONTACT "CLICK BEFORE YOU DIG MANITOBA" AT ClickBeforeYouDigMB.com
THREE FULL WORKING DAYS
PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING WATER, WASTEWATER, LAND DRAINAGE UTILITIES AND MANITOBA HYDRO UTILITIES

INFORMATION PERTAINING TO THE SIZE, TYPE 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 BEING UNDERTAKEN AT OR NEAR HYDRO INSTALLATIONS.

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THIS IS A PRINT OF A DOCUMENT THAT HAS BEEN ELECTRONICALLY AUTHENTICATED WITH TECHNOLOGY AUTHORIZED BY THE EGM. THE ORIGINAL IS IN ELECTRONIC FORM.

- 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.



DRAWING NUMBER	REFERENCE DRAWINGS
3L-847	COW APPROVALS
B21703	COW SIGNALS PERMIT

AREA NUMBER	MANITOBA HYDRO DISTRIBUTION PLANNING & DESIGN
5202, 5203, 5101	WO# P:30871 NETWORK # 4305472
STATION NUMBER	DISTRICT: CITY CENTRE
1524	CUSTOMER SERVICE PROJECT
FEEDER NUMBER	COW 19-C-02 INKSTER BLVD FROM MILNER TO FIFE ST
2411	SALVAGE EXISTING STREET LIGHTS AND INSTALL
SYSTEM VOLTAGE	NEW ROADWAY LIGHTING FOR STREET RENEWAL
2.4/4.16KV	
SCALE	1:500
DRAWN	PB
CHECK	
DATE	2018.12.20