



MB HYDRO TO SALVAGE S/L DIP AND ASSOCIATED EQUIPMENT AND INSTALL NEW 4A S/L DIP AS PER CD 315-5 WITH 60A RELAY. TIED INTO EXISTING PILOT WIRE.

CONTRACTOR TO INSTALL LOWER 3m OF CABLE GUARDS AS PER CD 315-5 AND CD 200-63. COIL NEW CABLES FOR FINAL CONNECTION BY MB HYDRO.

INSTALL LIGHTING CABLE ON EXISTING ALIGNMENT

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CAUTION: PRIMARY 2.4/4.16kV 3H CABLE

INSTALL LIGHTING CABLE ON EXISTING ALIGNMENT
1/0AL XLPE CN 25kV

CAUTION: SEWER, WATER AND GAS IN WORK AREA USE SOFT DIG AS REQUIRED

U/G SL CABLE TO BE MINIMUM 1.0m AWAY FROM ALL OTHER UTILITES UNLESS OTHERWISE NOTED

UPON DISCONNECT BY MB HYDRO THE CONTRACTOR SHALL INSTALL TEMPORARY #6 OVERHEAD FEED IN ORDER TO MAINTAIN LIGHTING DURING CONSTRUCTION. AT THE END OF CONSTRUCTION TEMPORARY OVERHEAD SHALL BE DISCONNECTED BY THE CONTRACTOR

MB HYDRO SHALL CUT, CAP AND ABANDON ORIGINAL FEED TO THE STREET LIGHTS PRIOR TO REMOVAL. ALL FINAL CONNECTIONS WILL BE COMPLETED BY MB HYDRO.

INSTALL NEW STREET LIGHTS AND CABLE ON ALIGNMENTS AS SHOWN.

INSTALL NEW GROUND RODS AS PER CD 50-5

ALL STREET LIGHT CABLE TO BE INSTALLED IN 2" CONDUIT

ALL STREET LIGHTS LESS THAN 2.5M FROM ROAD TO HAVE BREAKAWAY BASES UNLESS INDICATED

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.
BUMPER POST/FIBERGLASS PAD
MANITOBA HYDRO IS RESPONSIBLE FOR INSTALLING FIBERGLASS PAD AND BUMPER POSTS FOR PWT
CUSTOMER ACCEPTANCE
THE CUSTOMER SERVICE DEPARTMENT REPRESENTATIVE IS RESPONSIBLE FOR OBTAINING WRITTEN CUSTOMER AGREEMENT TO THE PROPOSED INSTALLATION PRIOR TO CONSTRUCTION COMMENCEMENT.
SITE GRADING
THE DEVELOPER IS RESPONSIBLE FOR GRADING OF THE SITE TO WITHIN +0.15M OF FINISHED GRADE PRIOR TO CONSTRUCTION COMMENCEMENT. BENCHMARKS ARE TO BE OBTAINED FROM THE DEVELOPER OR CONSULTANT.
EQUIPMENT ELEVATIONS
THE DEVELOPER TO INDICATE ON ONE COPY OF THE MANITOBA HYDRO DRAWING(S) THE FINISHED GRADE AT ALL EQUIPMENT LOCATIONS, REFERENCED TO A BENCHMARKS
SURVEY MONUMENTS
SURVEY TO STAKE OUT SURVEY MONUMENTS IN THE VICINITY OF THE NEW CONSTRUCTION TO PREVENT DAMAGE OR LOSS.

AUTHORITY	NOTIFIED	NOT REQ'D	OBTAINED
DISTRICT	2022 11 15		
CITY OF WINNIPEG	2022 12 23		
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	IRENA GOMON	431-336-0213	igomon@hydro.mb.ca
DESIGN ENGINEER	JULIAN NEBOHAKACEK	204-360-4008	jnebohak@hydro.mb.ca
PORTFOLIO PM	DARIN WACH	204-451-2617	dwach@hydro.mb.ca
ESA	RYAN AUBRY	204-325-3097	raubry@hydro.mb.ca
U/G CONSTRUCTION	JEFF BREAKKEY	204-471-2003	jbreakkey@hydro.mb.ca
O/H CONSTRUCTION	BRYAN SANGSTER	204-485-4801	bsangster@hydro.mb.ca
HYDRO GAS			
SHAW			
MTS			
CUSTOMER	RYAN MUNRO	204-226-2304	rmunro@winnipeg.ca
CONSULTANT	ALI CAMPBELL	204-453-2983	acampbell@dlton.com
DISTRICT ENG TECH	TODD FOUNTAIN	204-792-3662	tfountain@hydro.mb.ca

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

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

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

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

INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
5	LED	60W	EXCLUSIVE
	LED		EXCLUSIVE
	LED		EXCLUSIVE
	LED		EXCLUSIVE

REMOVED			
Quantity	Fixture Type	Wattage	Pole Type
3	LED	67W	EXCLUSIVE
1	LED	60	EXCLUSIVE
1	LED	58	EXCLUSIVE
	LED		EXCLUSIVE

REEL NUMBER	MANUFACTURER	MANUFACTURE DATE

PRELIMINARY NOT TO BE USED FOR CONSTRUCTION

****DISCLAIMER****
THE INDICATION OF OTHER PARTIES ON THIS DRAWING ARE FOR TRENCH LOCATION PURPOSES ONLY. REFER TO THE OTHER PARTY'S DRAWINGS FOR DESIGN DETAILS.

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 INSTALLED 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.

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

DATE	REVISIONS	BY	CHKD.	APP.

AREA NUMBER	MANITOBA HYDRO		
4901	DISTRIBUTION ENGINEERING		
STATION NUMBER	WO# P:38215	NETWORK # 4307867	
FEDDER NUMBER	COW MANAHAN (HUDSON TO PEMBINA)		
	STREET RENEWAL.		
	STREET LIGHTS INSTALLATION/RELOCATION		
DRAWING NUMBER	REFERENCE DRAWINGS	DRAWN	ING
	COW APPROVALS	CHECK	
		SCALE	1:350
		DATE	2023 03 28
		SYSTEM VOLTAGE	120/240V
		1-04707-DE-50000-0621	SHT. 01/01 REV. 00