

MANITOBA HYDRO SHALL CUT, CAP & ABANDON ORIGINAL FEED TO THE STREET LIGHTS PROPOSED TO REMOVAL. ALL FINAL CONNECTIONS WILL BE COMPLETED BY MANITOBA HYDRO.

INSTALL ALL 4AL CN CABLE IN 2" CONDUIT

INSTALL PROPOSED STREET LIGHTS ON THE NEW TRENCH ALIGNMENT AS SHOWN

INSTALL NEW GROUND RODS AS PER CD50-5

#4 DUPLEX HAS BEEN SUPPLIED FOR TEMPORARY LIGHT CONNECTIONS, IF NECESSARY.

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

***STREET LIGHT PLACEMENT FOLLOWS IES STANDARDS AND THEY ARE PLACED ACCORDINGLY USING DRIVEWAY LOCATIONS PROVIDED BY THE DEVELOPER. DRIVEWAY LOCATIONS THAT HAVE BEEN CHANGED AFTER THE DESIGN HAS BEEN SEALED RESULTING IN A CONFLICT BETWEEN STREETLIGHTS AND THE DRIVEWAY ARE THE RESPONSIBILITY OF THE DEVELOPER TO RECOVER THE COSTS ASSOCIATED WITH RELOCATING THE STREETLIGHTS*.**

BANNERS AND ASSOCIATED HARDWARE TO BE REMOVED AND RETURNED TO THE CITY OF WINNIPEG, 1277 PACIFIC AVE 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

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 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.

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

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.

AUTHORITY	NOTIFIED	NOT RECD	OBTAINED
DISTRICT	2020 04 14		
C.O.W./MUNICIPAL	2020 04 14		
M.T.S.			
GAS			
SHAW			
EASEMENTS			
COMMUNICATIONS		X	
S.C.C.			
DEPT. OF HIGHWAYS		X	

REMOVED				
Quantity	Fixture Type	Wattage	Pole Type	
4	LED	31W	EXCLUSIVE	

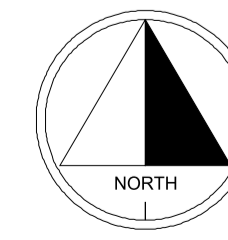
INSTALLED				
Quantity	Fixture Type	Wattage	Pole Type	
4	LED	40W	EXCLUSIVE	

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.
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.

UNDERGROUND CABLES SHALL NOT BE INSTALLED IN THE SAME VERTICAL PLANE WITH OTHER UNDERGROUND SYSTEMS:
 SUCH AS PRIVATELY OWNED SUPPLY CABLES, GAS, WATER, SEWER LINES OR ANY FOREIGN CONDUIT. INSTALLATION WITH COMMUNICATION CABLE IN THE SAME VERTICAL PLANE IS PERMITTED WITH JOINT USE INSTALLATION.
 A MINIMUM HORIZONTAL SEPARATION OF 0.3M (DEFINED AS THE HORIZONTAL DISTANCE BETWEEN TWO VERTICAL PLANES) SHALL BE OBTAINED BETWEEN MANITOBA HYDRO OWNED UNDERGROUND CABLE AND OTHER UNDERGROUND SYSTEMS.
 SEE TABLE 1 AND 2 FROM C22.3 NO.7-10 PAGES 34 & 35

CONTACT	NAME	PHONE NUMBER	E-MAIL ADDRESS
DESIGN	IRENA GOMON	204-791-7680	igomon@hydro.mb.ca
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ENERGY SERVICE ADVISOR	TIM LOEB	204-791-2822	tloeb@hydro.mb.ca
UG CONSTRUCTION	BRENT KROEKER	204-793-1670	bkroeker@hydro.mb.ca
OH CONSTRUCTION	WAYNE IRELAND	204-771-5212	wireland@hydro.mb.ca
HYDRO GAS			@SRRB.CA
SHAW			@BELLMTS.CA
CUSTOMER REP	MONICA LI	204-799-9299	mli@winnipeg.ca
DISTRICT ENG TECH	TODD FOUNTAIN	204-360-7407	tfountain@hydro.mb.ca
CONSULTANT	MORRISON	204-977-6370	goode@goodeandmorrison.com

REEL NUMBER	MANUFACTURER	MANUFACTURE DATE



DATE	REVISIONS	BY	CHKD.	APP.

DRAWING NUMBER	REFERENCE DRAWINGS	DRAWN	ING
	COW UG STRUCTURE APPROVAL	CHECK	
		SCALE	1:500
		DATE	2020 04 14

AREA NUMBER	5202	MANITOBA HYDRO
STATION NUMBER		DISTRIBUTION ENGINEERING
FEEDER NUMBER		WO# P-33730 NETWORK # 4306376
SYSTEM VOLTAGE	120V	CSC: CITY CENTRE
		ST BONIFACE
		CUSTOMER SERVICE
		RECONSTRUCTION OF ASHLAND STREET
		AND STREET LIGHT CABLES