

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.
SURVEYS TO STAKE OUT SURVEY MONUMENTS, IF IN THE VICINITY OF THE NEW CONSTRUCTION TO PREVENT DAMAGE OR LOSS.

AUTHORITY	NOTIFIED	NOT REQ'D	OBTAINED
DISTRICT	2019-03-20		2019-03-18
C.O.W./MUNICIPAL	2019-02-20		2019-03-18
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	IAN MCCALLUM	204-470-3154	imccallum@hydro.mb.ca
DESIGN ENGINEER	ERIC WICKSTROM	204-770-2410	ewickstrom@hydro.mb.ca
PROJECT MGMT	DARIN WACH	204-360-3082	dwach@hydro.mb.ca
ENERGY SERVICE ADVISOR	DARRYL STOCKI	204-360-7715	dstocki@hydro.mb.ca
UG CONSTRUCTION	BILL AMMETER	204-360-7019	bammeter@hydro.mb.ca
D/H CONSTRUCTION			
HYDRO GAS			
CITY OF WINNIPEG	RYAN MUNRO	204-986-5515	munro@winipeg.ca
S/L MAINTENANCE	TREVOR ANDERSON	204-451-4229	tanderson@hydro.mb.ca
DISTRICT ENG TECH	GEORGE WEDDALL	204-360-7451	gweddall@hydro.mb.ca

INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
2	LED	40	EXCLUSIVE
7	LED	60	EXCLUSIVE

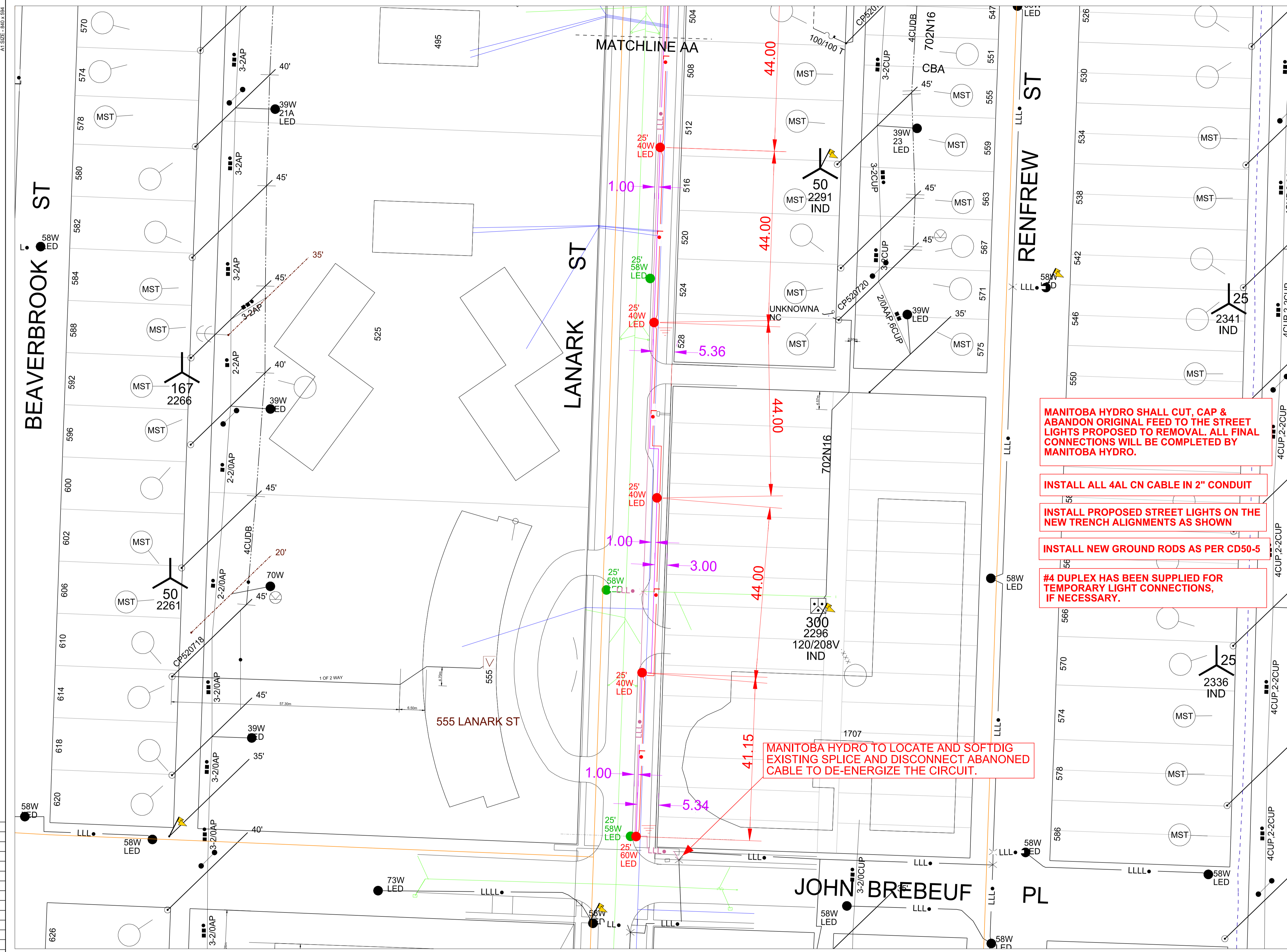
SALVAGE			
Quantity	Fixture Type	Wattage	Pole Type
6	LED	60	EXCLUSIVE

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

HPS WATTAGE	EQUIVALENT LED WATTAGE	CATALOG NUMBER
100	73	ERS10C3E1540
150	95	ERS10C3E1740
250	138	ERS20H3E1540
400	209	ERS30N3E1540

LOCATION	LUMINAIRE	TYPE	MOUNTING HEIGHT	AVG LUX	U/L RATIO AVG/MIN	U/L RATIO MAX/MIN	MAX SPACING
LANARK ST	40W LED	II	7.68m	0.45	2.25	5.00	46

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



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 ALIGNMENTS AS SHOWN

INSTALL NEW GROUND RODS AS PER CD50-5

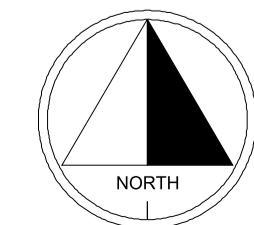
#4 DUPLEX HAS BEEN SUPPLIED FOR TEMPORARY LIGHT CONNECTIONS, IF NECESSARY.

MANITOBA HYDRO TO LOCATE AND SOFTDIG EXISTING SPLICE AND DISCONNECT ABANDONED CABLE TO DE-ENERGIZE THE CIRCUIT.

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

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

CITY BID PROJECT
19-R-04 LANARK ST



NO.	DATE	REVISION	BY	CKD.	APP.

AREA NUMBER	5202	MANITOBA HYDRO
STATION NUMBER	1507	DISTRIBUTION PLANNING & DESIGN
FEEDER NUMBER	702N16	WO# P:31743 NETWORK # 4305737
SYSTEM VOLTAGE	2.4/4.16KV	CSC: CITY CENTRE
		LANARK ST
		NEW ROADWAY LIGHTING BETWEEN CORYDON AVE AND JOHN BREBEUF PL.