

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:

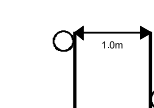
WATER AND WASTE DEPARTMENT APPROVAL SUBJECT TO THE FOLLOWING NOTES:

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

OR

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

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THREE FULL WORKING DAYS

PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING
WATER, WASTEWATER AND LAND DRAINAGE UTILITIES

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 SADDLE AT END 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.

CONTACT	NAME	PHONE
DESIGN	SLAVA REVZIN	284-8100 ext. 1239
DISTRICT ENG TECH	GEORGE WEDDALL	360-7451
ENERGY SERVICES ADVISOR	TERRY MCCARTHY	360-4127
UIG CONSTRUCTION	JAYSON WITT	803-1165
O/H CONSTRUCTION	WAYNE IRELAND	360-5786
CUSTOMER CONTRACT	RICK PHILLIPS	360-7018
CONNECTIONS	ALVARO SALVA	360-6214
TEMP. STRINGING	TERRY TABAK	360-7521

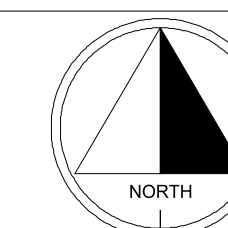
MAGENTA		PROPOSED TRENCH
RED		PROPOSED OBJECT
PINK		OBJECT TO BE ABANDONED
GREEN		OBJECT TO BE SALVAGED
BLACK		EXISTING OBJECT
LM ANNOTATION		1 - RAIL ALCH STREET LIGHTING CAB
LL ANNOTATION		1 - 1/0 TRIPLEX STREET LIGHTING CA

PRELIMINARY NOT TO BE
USED FOR
CONSTRUCTION

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

CALL BEFORE YOU DIG!!

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 DISTRICT OFFICE. THE DISTRICT OFFICE WILL BE RESPONSIBLE FOR THE PROTECTION OF ALL MANITOBA 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.



	DATE	REVISIONS	BY	CKD.	APP.		AREA NUMBER	MANITOBA HYDRO DISTRIBUTION PLANNING & DESIGN		
							5202	WBS # P:26146 NETWORK # 4303717		
							STATION NUMBER	DISTRICT. CITY CENTRE STREET LIGHTING PROJECT -YALE AV. FROM ROCKWOOD ST. S TO CAMBERIDGE ST. CONTRACTOR TO REPLACE EXISTING UNDERGROUND STREET LIGHTING PLANT.		
							1505			
							FEEDER NUMBER			
							509N15			
							SYSTEM VOLTAGE	2.4/4.16KV		
DRAWING NUMBER	REFERENCE DRAWINGS					DRAWN	SR			
XXXX	CITY OF WINNIPEG APPROVED PLAN					CHECK				
						SCALE	1:500			
						DATE	2016/03/31	1-04707-DE-50000-0282		
								SHT.	1/1	REV.
										00