

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.

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

CONTACT	NAME	PHONE NUMBER	E-MAIL ADDRESS
DESIGN	WILL HYDROCHUK	204-612-0560	WILL.HYDROCHUK@MANITOBAHYDRO.COM
DESIGN ENGINEER	MONTY PECKOVER	204-781-5511	MONTY.PECKOVER@MANITOBAHYDRO.COM
PORTFOLIO PM	DIANA NEWBURY	204-360-3252	DNEWBURY@HYDRO.MB.CA
ENERGY SERVICES			
UG CONSTRUCTION	BRENT KROEKER	360-4275	BCKROEKER@HYDRO.MB.CA
CUSTOMER REP	RYAN AUBRY	204-325-3097	RAUBRY@HYDRO.MB.CA
DISTRICT ENG TECH	TOM HUMBLE	204-250-7951	THUMBLE@HYDRO.MB.CA

INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
8	LED	60	EXCLUSIVE
	LED		EXCLUSIVE
	LED		EXCLUSIVE
	LED		SHARED
	LED		SHARED

REMOVED			
Quantity	Fixture Type	Wattage	Pole Type
1	LED	60	EXCLUSIVE
7	LED	40	EXCLUSIVE
	LED		EXCLUSIVE
	HPS		EXCLUSIVE
	LED		SHARED

LED CONVERSION CHART		
HPS WATTAGE	EQUIVALENT LED WATTAGE	CATALOG NUMBER
100	73	ERS10C3E1540
150	95	ERS10C3E1740
250	138	ERS120H3E1540
400	209	ERS30N3E1540

"STREETLIGHT 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 THE 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 AVENUE WITH AN ITEMIZED LIST AND QUANTITIES.

PROPOSED SEQUENCE OF CONSTRUCTION:

- MH STAFF SHALL DISCONNECT AND ISOLATE THE EXISTING STREET LIGHT 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.

PRELIMINARY

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.

MANITOBA HYDRO

DISTRIBUTION ENGINEERING

WO# P:41168 NETWORK # 4308882

CSC: FORT GARRY
COW STREETLIGHT RENEWAL PROJECT
INSTALL LIGHTS ON BLOSSOM BAY
MCDOWELL TO MCDOWELL

1-04707-DE-50000-0666

SHT.	REV.
01/01	00

