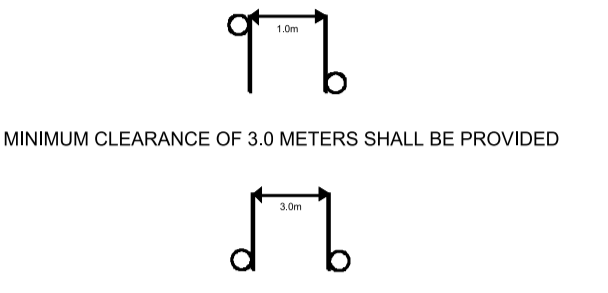


NOTES :

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 ENGINEER.

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 OR 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.



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

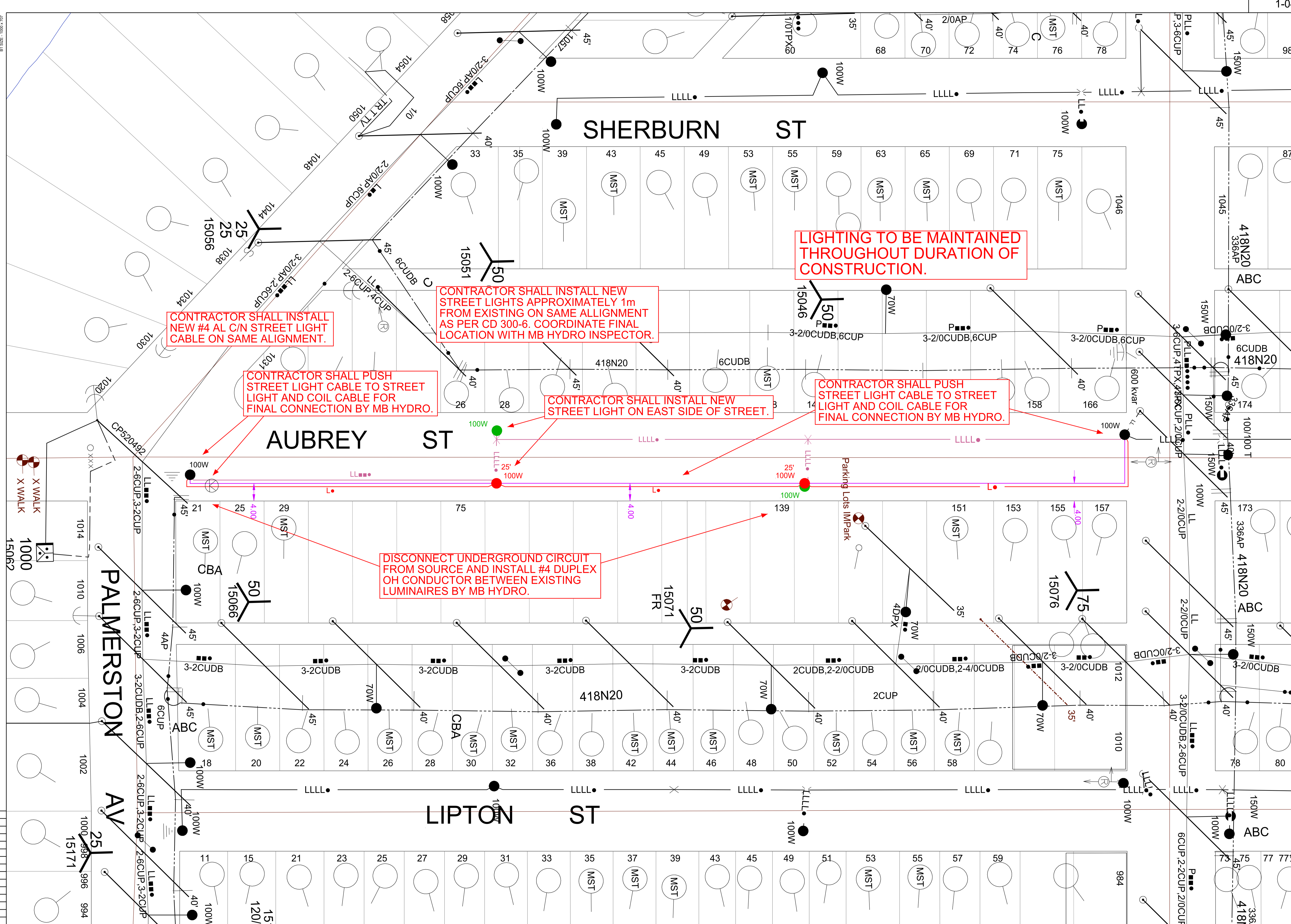
PROPOSED SEQUENCE OF CONSTRUCTION:

- ARRANGE FOR TEMPORARY OVERHEAD FEED OF LIGHTS AND DISCONNECTION & ISOLATION OF EXISTING UNDERGROUND STREET LIGHTING CABLE WITHIN WORK AREA.
- INSTALL NEW UNDERGROUND STREET LIGHTING CABLE AND LEAVE COILED AT LOCATION FOR FINAL CONNECTION BY MANITOBA HYDRO.
- ONCE NEW LIGHTS ARE COMMISSIONED AND TEMPORARY OVERHEAD WIRING IS REMOVED, REMOVE EXISTING STREET LIGHTING AND BASES. DISPOSE IN ACCORDANCE WITH TECHNICAL REQUIREMENTS.
- COMPLETION OF STREET LIGHTING WORKS SHALL BE COMPLETED PRIOR TO FINAL LANDSCAPING.

CONTACT	NAME	PHONE
DESIGN	TYLER HAMPTON	360-7868
DISTRICT ENG TECH	TIM WILKINSON	250-4482
ENERGY SERVICES ADVISOR	TERRY MCCARTHY	360-4127
LVS CONSTRUCTION	BILL AMMETER	360-7019
OH CONSTRUCTION	WAYNE IRLAND	360-5786
CUSTOMER CONTRACT	PHIL ROBERTSON	360-0709
INSPECTOR	DAVE KIRKPATRICK	795-0608
TEMP. STRINGING	CAM GIBSON	223-4651

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

FOR TENDERING PURPOSES ONLY. PRELIMINARY NOT TO BE USED FOR CONSTRUCTION



CONTRACTOR SHALL INSTALL NEW #4 AL C/N STREET LIGHT CABLE ON SAME ALIGNMENT.

CONTRACTOR SHALL INSTALL NEW STREET LIGHTS APPROXIMATELY 1m FROM EXISTING ON SAME ALIGNMENT AS PER CD 300-6. COORDINATE FINAL LOCATION WITH MB HYDRO INSPECTOR.

CONTRACTOR SHALL PUSH STREET LIGHT CABLE TO STREET LIGHT AND COIL CABLE FOR FINAL CONNECTION BY MB HYDRO.

CONTRACTOR SHALL INSTALL NEW STREET LIGHT ON EAST SIDE OF STREET.

LIGHTING TO BE MAINTAINED THROUGHOUT DURATION OF CONSTRUCTION.

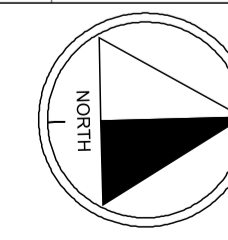
CONTRACTOR SHALL PUSH STREET LIGHT CABLE TO STREET LIGHT AND COIL CABLE FOR FINAL CONNECTION BY MB HYDRO.

DISCONNECT UNDERGROUND CIRCUIT FROM SOURCE AND INSTALL #4 DUPLEX OH CONDUCTOR BETWEEN EXISTING LUMINAIRES BY MB HYDRO.

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

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 IDENTIFIED HYDRO INSTALLATIONS. ALL LOCATIONS AND EQUIPMENT MUST BE VERIFIED BY APPROPRIATE 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.

CALL BEFORE YOU DIG!!



DATE	REVISIONS	BY	CHKD.	APP.
00	2013/07/26	ISSUED FOR TENDER	TJH	A.B.

DRAWING NUMBER	REFERENCE DRAWINGS

DATE	SCALE	SYSTEM VOLTAGE
2013/07/05	1:350	2.4/4.16 KV

AREA NUMBER	STATION NUMBER	FEDER NUMBER
5202	1504	418N20

MANITOBA HYDRO	DISTRIBUTION PLANNING & DESIGN
WBS # P-21932	NETWORK #: 4302002
DISTRICT: CITY CENTRE	
STREET LIGHTING PROJECT - BRENTFORD ROAD, AUBREY STREET, NESBITT BAY	
AUBREY STREET	
CONTRACTOR TO DIRECT REPLACE EXISTING STREET LIGHT PLANT CITY CENTRE	