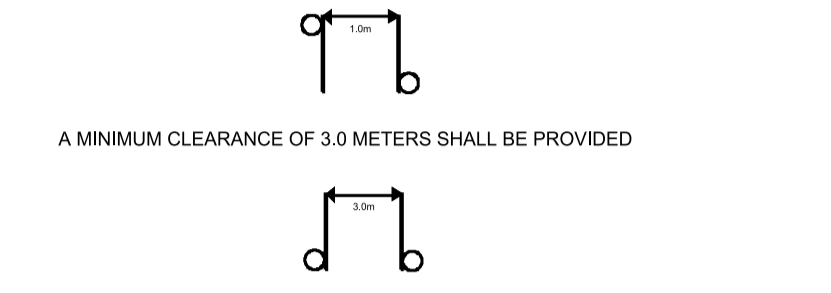


NOTES :

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.

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

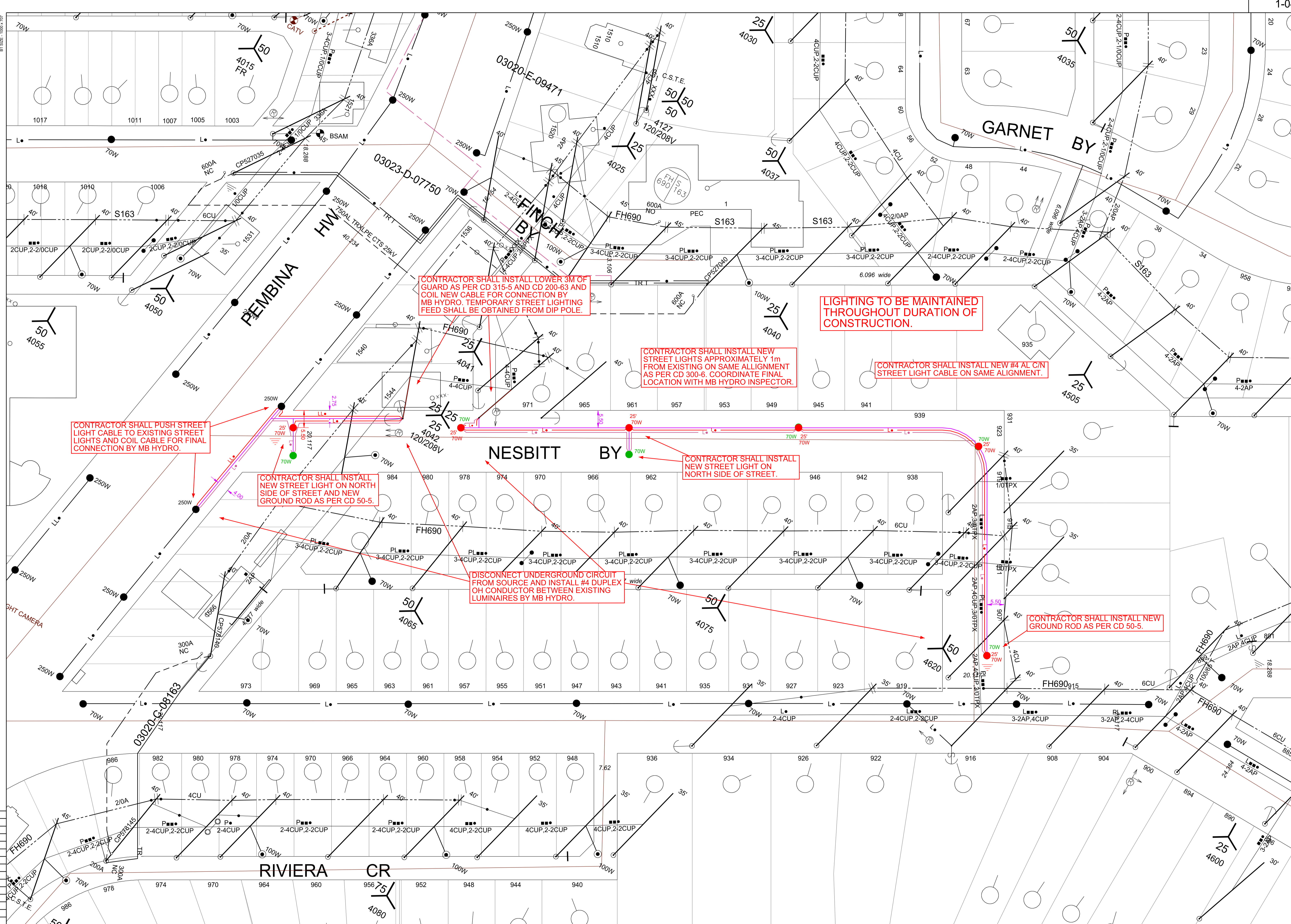
PROPOSED SEQUENCE OF CONSTRUCTION:

- 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	JILL SITAR	360-5716
ENERGY SERVICES ADVISOR	TERRY MCCARTHY	360-4127
LIGS CONSTRUCTION	BILL AMMETER	360-7019
OH CONSTRUCTION	WAYNE IRLAND	360-5786
CUSTOMER CONTRACT	PHIL ROBERTSON	360-4709
INSPECTOR	DAVE KIRKPATRICK	756-0668
TEMP. STRINGING	CAM GIBSON	223-4651

COLOR	DESCRIPTION
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 LOWER 3M OF GUARD AS PER CD 315-5 AND CD 200-63 AND COIL NEW CABLE FOR CONNECTION BY MB HYDRO. TEMPORARY STREET LIGHTING FEED SHALL BE OBTAINED FROM DIP POLE.

LIGHTING TO BE MAINTAINED THROUGHOUT DURATION OF CONSTRUCTION.

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

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

CONTRACTOR SHALL INSTALL NEW STREET LIGHT ON NORTH SIDE OF STREET AND NEW GROUND ROD AS PER CD 50-5.

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

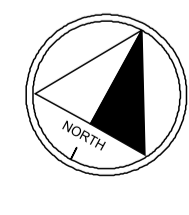
DISCONNECT UNDERGROUND CIRCUIT FROM SOURCE AND INSTALL #4 DUPLEX OH CONDUCTOR BETWEEN EXISTING LUMINAIRES BY MB HYDRO.

CONTRACTOR SHALL INSTALL NEW GROUND ROD AS PER CD 50-5.

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.	AREA NUMBER	MANITOBA HYDRO DISTRIBUTION PLANNING & DESIGN	
00	2013/07/26	ISSUED FOR TENDER	TJH	A.B.	A.B.	4901	WBS # P.21932 NETWORK #: 4302002
						STATION NUMBER	1078
						FEEDER NUMBER	FH690
						SYSTEM VOLTAGE	2.4/4.16 KV
						SCALE	1:500
						DATE	2013/07/05