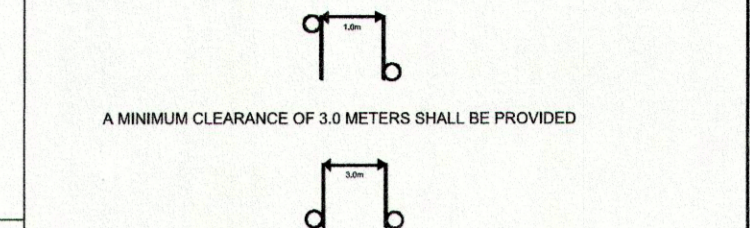


NOTES :
 CONSTRUCTION STANDARDS
 TO BE CONSTRUCTED IN ACCORDANCE WITH MANITOBA HYDRO DISTRIBUTION AND SUBTRANSMISSION STANDARDS. LATEST REVISION. NO MAJOR CHANGE SHALL BE MADE WITHOUT APPROVAL OF THE DESIGN ENGINEER OR DELEGATE.

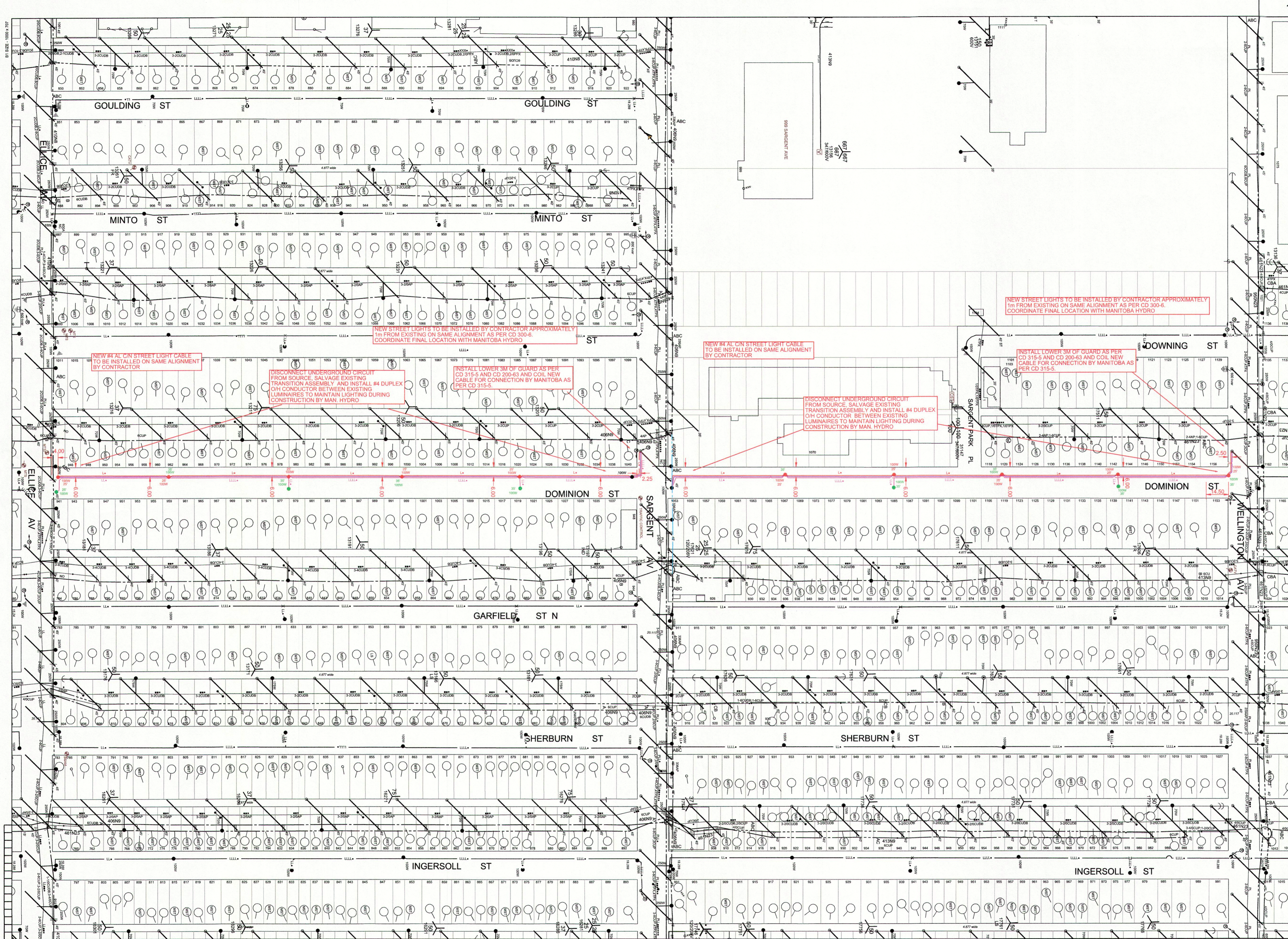
CITY OF WINNIPEG REQUIREMENTS:
 WATER AND WASTE DEPARTMENT APPROVAL SUBJECT TO THE FOLLOWING NOTES:
 A MINIMUM CLEARANCE OF 600 MILLIMETERS SHALL BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING WATERMAIN OF SEWERMAIN PIPE AND THE TOP OF THE PROPOSED WORKS.
 A MINIMUM CLEARANCE OF 500 MILLIMETERS SHALL 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, DRIPPE IN ACCORDANCE WITH TECHNICAL REQUIREMENTS.
 - COMPLETION OF STREET LIGHTING WORKS SHALL BE COMPLETED PRIOR TO FINAL LANDSCAPING.

CONTACT	NAME	PHONE
DESIGN	TOM HUMBLE	250-7951
DISTRICT ENG TECH	TIM WALKERSON	250-4462
ENERGY SERVICES ADVISOR	TERRY MCCARTHY	360-4127
LIG CONSTRUCTION	BILL AMMETER	360-7019
GH CONSTRUCTION	WAYNE IRELAND	360-5786
CUSTOMER CONTRACT	PHIL ROBERTSON	360-5709
INSPECTOR	DAVE KIRKPATRICK	795-0658
TEMP. STRINGING	CAM GIBSON	223-4851



NEW #4 AL CN STREET LIGHT CABLE TO BE INSTALLED ON SAME ALIGNMENT BY CONTRACTOR

DISCONNECT UNDERGROUND CIRCUIT FROM SOURCE, SALVAGE EXISTING TRANSITION ASSEMBLY AND INSTALL #4 DUPLEX OH CONDUCTOR BETWEEN EXISTING LUMINAIRES TO MAINTAIN LIGHTING DURING CONSTRUCTION BY MAN. HYDRO

INSTALL LOWER 3M OF GUARD AS PER CD 315-5 AND CD 200-43 AND COIL NEW CABLE FOR CONNECTION BY MANITOBA AS PER CD 315-5

NEW STREET LIGHTS TO BE INSTALLED BY CONTRACTOR APPROXIMATELY 1m FROM EXISTING ON SAME ALIGNMENT AS PER CD 300-6. COORDINATE FINAL LOCATION WITH MANITOBA HYDRO

NEW #4 AL CN STREET LIGHT CABLE TO BE INSTALLED ON SAME ALIGNMENT BY CONTRACTOR

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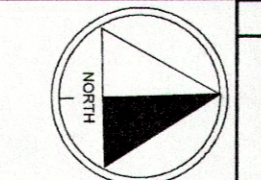
INSTALL LOWER 3M OF GUARD AS PER CD 315-5 AND CD 200-43 AND COIL NEW CABLE FOR CONNECTION BY MANITOBA AS PER CD 315-5

NEW STREET LIGHTS TO BE INSTALLED BY CONTRACTOR APPROXIMATELY 1m FROM EXISTING ON SAME ALIGNMENT AS PER CD 300-6. COORDINATE FINAL LOCATION WITH MANITOBA 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.
2013/05/28	ISSUED TO CONSTRUCTION			
2013/05/28	FIXED TITLE BLOCK			

ORIGINAL DRAWING SEALED BY	A. BUSCEMI
DATE	2013/05/28
DRAWN	MP, TJH
CHECK	TH, AB
SCALE	1:1000
DATE	2013/05/15

AREA NUMBER	5202
STATION NUMBER	1540
FEEDER NUMBER	413N9
SYSTEM VOLTAGE	120 V

MANITOBA HYDRO
 DISTRIBUTION PLANNING & DESIGN
 WBS # P-21432 NETWORK # 4301771
 DISTRICT: CITY CENTRE
 STREET LIGHTING PROJECT
 DOMINION STREET
 CONTRACTOR TO DIRECT REPLACE EXISTING STREET LIGHT PLANT CITY CENTRE