

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 OF SEWERMAIN PIPE AND THE TOP OF THE PROPOSED WORKS  
 A MINIMUM CLEARANCE OF 500 MILLIMETERS SHALL BE PROVIDED BETWEEN THE UNDERSIDE OF ANY PROPOSED POLE OR LIGHT STANDARD INSTALLATION AND THE NEAREST WATERMAIN OR SEWERMAIN PIPE  
 A MINIMUM LATERAL CLEARANCE OF 1.0 METERS 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 BETWEEN THE NEAREST EDGE OF ANY PROPOSED POLE OR LIGHT STANDARD INSTALLATION AND THE NEAREST EDGE OF ANY EXISTING HYDRANT AND HYDRANT BRANCH.

REEL NUMBER	MANUFACTURER	MANUFACTURE DATE

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 AND ENERGIZE.
- 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 END OF APPLICABLE AND TERMINATE AT TRANSFORMER.
- 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.

AUTHORITY	NOTIFIED	NOT REQUIRED	OBTAINED
DISTRICT	X		X
S.C.C.		X	
EASEMENTS		X	
GAS		X	
M.T.S.		X	
SHAW		X	
RAILWAY		X	
DEPT OF HIGHWAYS		X	
CITY OF WINNIPEG	?		?

CONTACT	NAME	PHONE
DESIGN (TESHMONT)	NICK WHEELER	284-8100 ext. 1232
DISTRICT ENG TECH	GEORGE WEDDALL	360-7451
ENERGY SERVICES ADVISOR	DARRYL STOCKI	360-7715
UG CONSTRUCTION	BILL AMMETER	360-7019
OH CONSTRUCTION	WAYNE IRELAND	360-5786
CUSTOMER CONTRACT	ROCK PHILLIPS	360-7018
CONNECTIONS	ALVARO SILVA	360-5214
TEMP. STRINGING	TERRY TABAK	360-7521

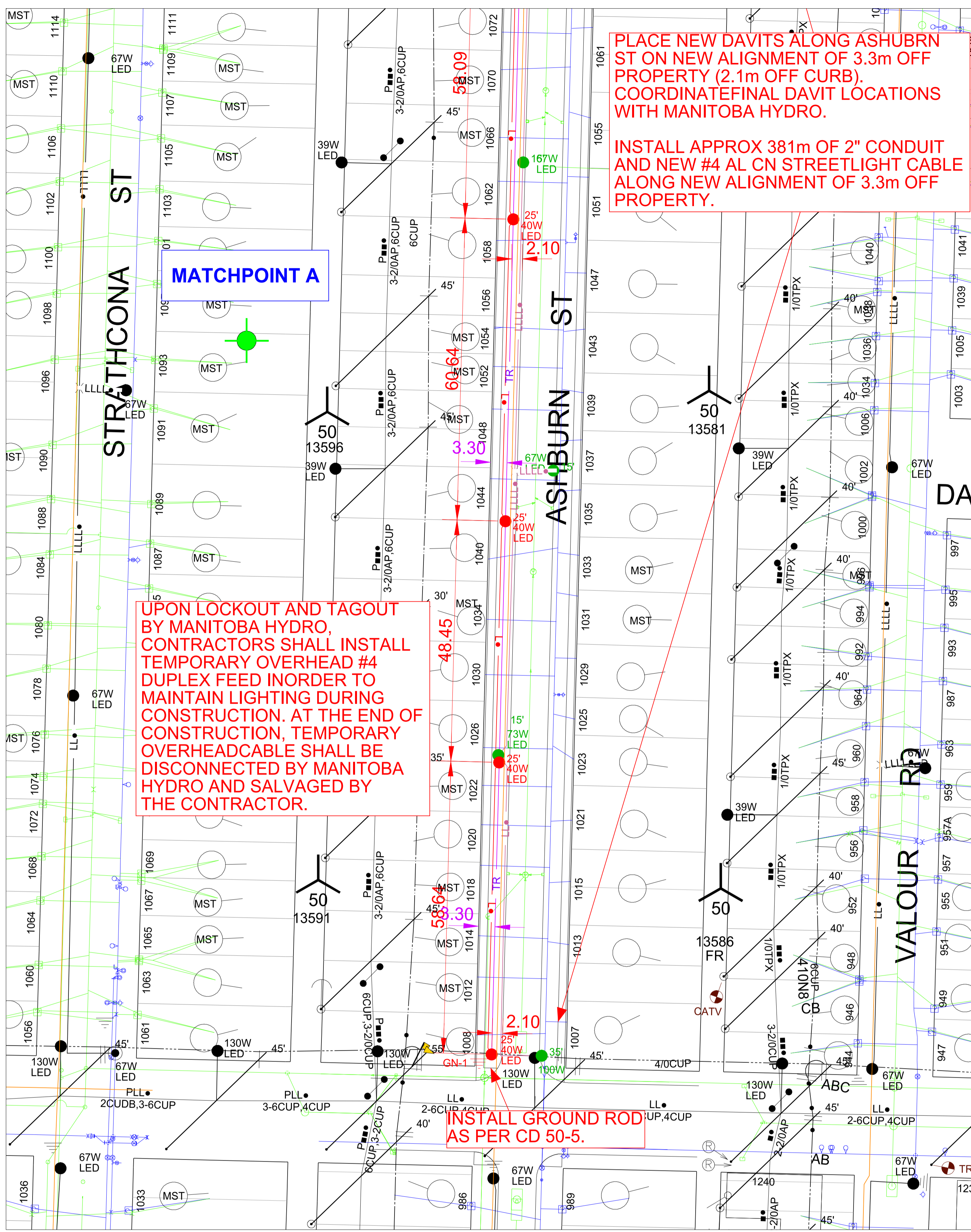
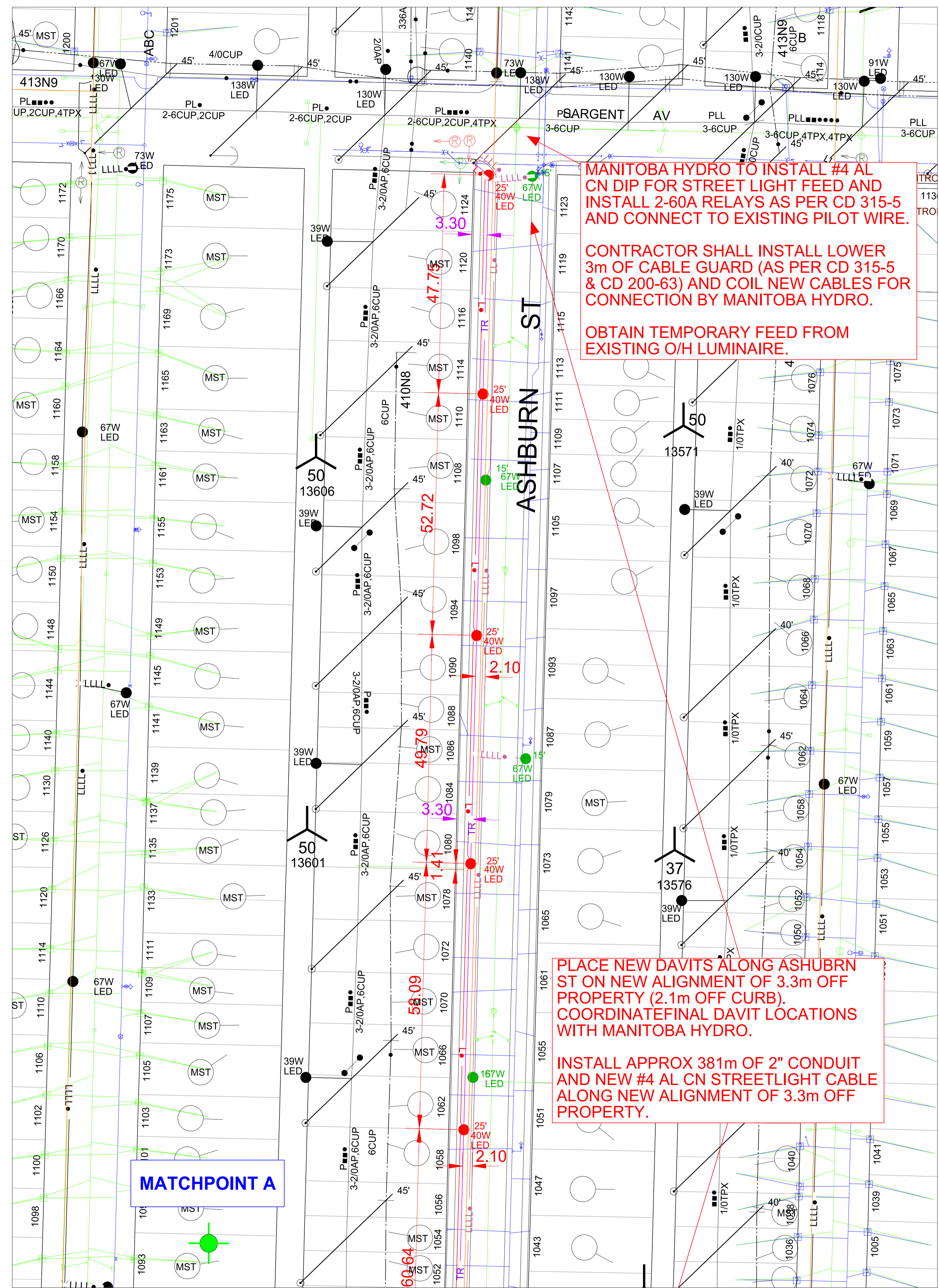
MAGENTA	PROPOSED TRENCH
RED	PROPOSED OBJECT
PINK	OBJECT TO BE ABANDONED
GREEN	OBJECT TO BE SALVAGED
BLACK	EXISTING OBJECT
LA ANNOTATION	1 - #4 AL CN STREET LIGHTING CABLE
LL ANNOTATION	1 - 1/0 TRIPLEX STREET LIGHTING CABLE

INSTALLED			
Quantity	Fixture Type	Wattage	Pole Type
8	LED	40	EXCLUSIVE

REMOVED			
Quantity	Fixture Type	Wattage	Pole Type
7	LED	73	EXCLUSIVE

**COW TENDER 2018-R-07**

BANNERS AND ASSOCIATED HARDWARE TO BE REMOVED AND RETURNED TO THE CITY OF WINNIPEG, 127 PACIFIC AVENUE WITH AN ITEMIZED LIST AND QUANTITIES.

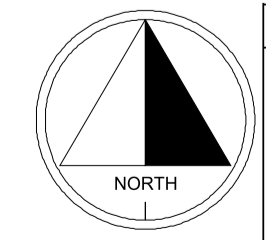


CONTACT "CLICK BEFORE YOU DIG MANITOBA" AT  
[ClickBeforeYouDigMB.com](http://ClickBeforeYouDigMB.com)  
**THREE FULL WORKING DAYS**  
 PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING WATER, WASTEWATER, LAND DRAINAGE UTILITIES AND MANITOBA HYDRO UTILITIES

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

**PRELIMINARY NOT TO BE USED FOR CONSTRUCTION**

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.



DATE	REVISIONS	BY	CHKD.	APP.

DRAWING NUMBER	REFERENCE DRAWINGS	DRAWN	RRH
XX-XXX	CITY OF WINNIPEG APPROVED PLAN		

CHECK	SCALE	DATE
	1:500	2018-03-13

AREA NUMBER	MANITOBA HYDRO
5202	DISTRIBUTION PLANNING & DESIGN
STATION NUMBER	WO# P-29650 NETWORK # 4304934
XXX	DISTRICT: CITY CENTRE
FEEDER NUMBER	2018 STREET LIGHT RENEWAL PROJECTS
XXX	ASHBURN ST FROM SARGENT AVE TO ELLICE AVE
SYSTEM VOLTAGE	CONTRACTOR TO RELOCATE AND REPLACE EXISTING UNDERGROUND STREET LIGHTING PLANT
2.4/4.16kV	