

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.

- MUNICIPAL EXCAVATION STANDARDS**
- BEFORE EXCAVATION FOR INSTALLATION OF HYDRO UNDERGROUND PLANT, DEPTH AND LOCATION OF OBSTRUCTIONS MUST BE DETERMINED.
 - BEFORE COMMENCING WORK, ALL UTILITIES ARE TO BE CONTACTED FOR CLEARANCES.
 - CONCRETE SAW TO BE USED TO CUT PAVEMENT (FULL DEPTH)
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO STREETS, CURBS, BOULEVARDS, SIDEWALKS, FENCES, AND ANY OTHER PROPERTY DAMAGE DURING THE COURSE OF CONSTRUCTION.
 - ALL EXISTING STREET EXCAVATIONS TO BE BACKFILLED WITH STABILIZED FILL. SIDEWALK EXCAVATIONS WITH STABILIZED FILL. ALL OTHER EXCAVATIONS SHALL BE BACKFILLED WITH EARTH FILL.
 - ALL WORK SHALL CONFORM TO MANITOBA HYDRO SPECIFICATIONS.
 - MINIMUM 1.2 METERS COVERING CABLES AT DITCH BOTTOM. RESTORE AND REGRADE DITCH.

**** CONSTRUCTION CREWS MUST CONSULT C.O.W U/G STRUCTURES APPROVAL DRAWING AS WELL AS GEOMATICS DOCUMENTATION PRIOR TO COMMENCEMENT OF WORK. ****

***ENSURE ALL EXCAVATION PERMITS AND CLEARANCES HAVE BEEN ACQUIRED BEFORE CONSTRUCTION BEGINS.
 *CITY OF WINNIPEG UNDERGROUND STRUCTURES APPROVAL DRAWING # IS: NOT REQUIRED.**

***CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.**

***ENSURE THAT THE GEOMATICS BRANCH IS CONTACTED (204-918-1360) AT LEAST 5 WORKING DAYS IN ADVANCE OF CONSTRUCTION STARTING TO PROVIDE APPOINTMENT FOR MONUMENT PROTECTION IF NECESSARY.**

***ENSURE THAT ALL OTHER BRANCHES THAT ARE MENTIONED ON THE C.O.W APPROVAL DRAWING HAVE BEEN CONTACTED PRIOR TO ANY CONSTRUCTION BEING STARTING.**

UNDERGROUND CABLES SHALL NOT BE INSTALLED IN THE SAME VERTICAL PLANE WITH OTHER UNDERGROUND SYSTEMS:

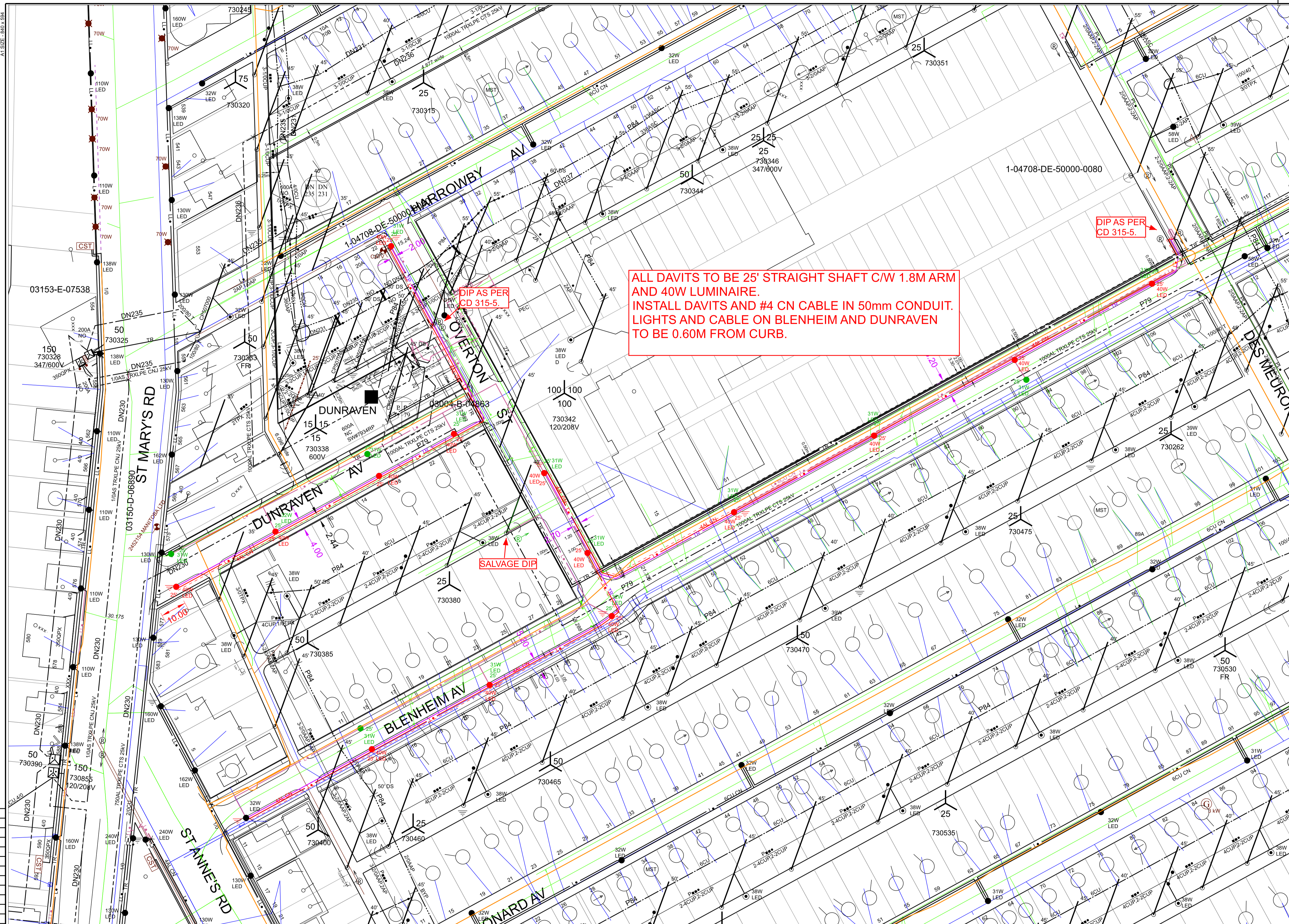
**SUCH AS PRIVATELY OWNED SUPPLY CABLES, GAS, WATER, SEWER LINES OR ANY FOREIGN CONDUIT.
 INSTALLATION WITH COMMUNICATION CABLE IN THE SAME VERTICAL PLANE IS PERMITTED WITH JOINT USE INSTALLATION**

A MINIMUM HORIZONTAL SEPARATION OF 0.3M (DEFINED AS THE HORIZONTAL DISTANCE BETWEEN TWO VERTICAL PLANES) SHALL BE OBTAINED BETWEEN MANITOBA HYDRO OWNED UNDERGROUND CABLE AND OTHER UNDERGROUND SYSTEMS. SEE TABLE 1 AND 2 FROM C22.3 NO.7-10 PAGES 34 & 35

AUTHORITY	NOTIFIED	NOT REQ'D	OBTAINED
DEPT. OF HIGHWAYS		X	
COMMUNICIPAL APPROVALS	2024-02-21		
M.T.S.		X	
GAS		X	
EASEMENTS		X	
CONTROL CENTER		X	
RAILWAY		X	
CATV		X	
DISTRICT	2024-02-21		2024-02-22

CONTACT	NAME	PHONE NUMBER	E-MAIL ADDRESS
DESIGN	ROB DENEKA	509-1614	rdeneka@mcw.com
DESIGN ENGINEER	BOB BUSCHAU	779-7900	bbuschau@mcw.com
MH DESIGN ENGINEER	SCOTT WHALEY	204 761-4906	swhaley@hydro.mb.ca
MAJOR ACCOUNT ADVISOR	RYAN ALBURY	323-3097	ralbury@hydro.mb.ca
UIG CONSTRUCTION	BRENT KROEKER	204-380-4275	bckroeker@hydro.mb.ca
UIG CONSTRUCTION	DEAN ADAMS	360-5712	dadams@hydro.mb.ca
DISTRICT ENG TECH	TOM HUMBLE	360-3459	thumble@hydro.mb.ca
URD PROGRAM COORDINATOR		360-	@hydro.mb.ca
PLANNING	HANZIEL SARINO	360-3079	hsarino@hydro.mb.ca
PROTECTION	ERIK TONSAKER	360-4879	etonsaker@hydro.mb.ca

PRELIMINARY
 NOT TO BE USED
 FOR CONSTRUCTION



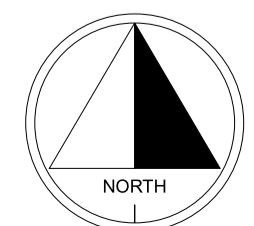
ALL DAVITS TO BE 25' STRAIGHT SHAFT C/W 1.8M ARM AND 40W LUMINAIRE. INSTALL DAVITS AND #4 CN CABLE IN 50mm CONDUIT. LIGHTS AND CABLE ON BLENHEIM AND DUNRAVEN TO BE 0.60M FROM CURB.

DIP AS PER CD 315-5.

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SALVAGE DIP

CONTACT "CLICK BEFORE YOU DIG MANITOBA" AT
ClickBeforeYouDigMB.com
 THREE FULL WORKING DAYS
 PRIOR TO CONSTRUCTION FOR LOCATION OF EXISTING WATER, WASTEWATER AND LAND DRAINAGE UTILITIES



NO.	DATE	REVISION	BY	CKD.	APP.	AREA	MANITOBA HYDRO DISTRIBUTION ENGINEERING
00	2024-03	ISSUE TO CONSTRUCTION	R.D.			5403	WO# P:39685 NETWORK # 4308372
DRAWING NUMBER							STATION NUMBER
REFERENCE DRAWINGS							FEEDER NUMBER
CITY OF WINNIPEG APPROVAL							SYSTEM VOLTAGE
DRAW							SCALE
CHECK							DATE
DATE							1-04707-DD-50000-0644
							SHT. REV.
							2 OF 2 00