



POST TYPE	CONCRETE PILE DIMENSIONS	
	DEPTH	DIAMETER
LINE POSTS	1 800	250
TERMINAL POSTS	1 800	300
CORNER POSTS	1 800	300

NOTE:
- ALL BOLLARDS THOROUGHLY TAMPED AND EARTH MOUNDED APPROX. 100mm AT EACH POST FOR FUTURE SETTLING. SURPLUS EARTH TO BE DISPOSED OF AS DIRECTED BY CONTRACT ADMINISTRATOR.
- BOLLARDS ARE TO FOLLOW THE NATURAL CONTOUR OF THE LAND EXCEPT FOR SMALL UNDULATIONS WHICH WOULD TEND TO REDUCE THE AESTHETIC APPEARANCE OF THE FINISHED PROJECT.

AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: May 11, 2011

BID OPPORTUNITY NO. 854-2010

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES	DATE	COMMITTEE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	ISSUED FOR CONSTRUCTION	DATE	BY
0	ISSUED FOR CONSTRUCTION	11/06/09	LJV

AECOM

DESIGNED BY	CHECKED BY
LJV	DKH
DRAWN BY	APPROVED BY
LJV	AN
HOR. SCALE	AS NOTED
	NA
VERT. SCALE	NA
DATE	RELEASED FOR CONSTRUCTION
	K. Zurek
	May 11/11

PROFESSIONAL'S SEAL

REVISION '0'
Issued For Construction
Sealed By:
L. JOY VIBERG
Member No. 125
10-05-2011

CONSULTANT DRAWING NO.
D265-230-02_01-L-4002_RX.dwg

THE CITY OF WINNIPEG
Winnipeg
WATER AND WASTE DEPARTMENT

REHABILITATION / REPLACEMENT OF THE MID TOWN FEEDERMAIN AT THE ASSINBOINE RIVER
LANDSCAPE
FENCING AND MISCELLANEOUS DETAILS

SHEET 18 OF 18
CITY DRAWING NUMBER
REV 0
D-12427