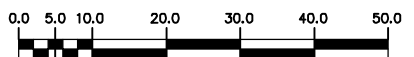


TYPICAL CROSS SECTION
BISON DRIVE
SCALE: HOR. 1:100
VER. 1:50



WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	MTS	+	HYDRANT	+
o	VALVE	o	TRAFFIC SIGNALS	o	VALVE	o
525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS
o	MANHOLE	o	FENCE	o	PROFILE	o
□	CATCH BASIN	□	POLE - HYDRO, MTS	□	GROUND ABOVE PIPE	□
▽	CURB INLET	▽	CURB STOP	▽	CL DITCH (NORTH & WEST)	▽
◁	REDUCER	◁	GUY ANCHOR	◁	CL DITCH (SOUTH & EAST)	◁
X	COUPLER	X	LIGHT STANDARD	X	GUTTER (NORTH & WEST)	X
⊕	ANODE	⊕	TREE	⊕	GUTTER (SOUTH & EAST)	⊕
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING
EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING

LOCATION APPROVED		B.M. ELEV.	FIELD BOOK #:
UNDERGROUND STRUCTURES		POSTED TO LBS	
SUPV. U/G STRUCTURES COMMITTEE	DATE		
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.	REVISIONS	DATE	BY

CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION			
DESIGNED BY	DB	CHECKED BY	KZ
DRAWN BY	WKT	APPROVED BY	KZ
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2010 06 15	DATE	

ENGINEER'S SEAL
ORIGINAL MYLAR SIGNED BY
K.R. ZUREK
10/06/15

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 FEEDERMAIN INSTALLATION AND ASSOCIATED WORKS
BISON DRIVE
1691 m W OF WAVERLEY STREET TO 1491 m W OF WAVERLEY STREET

SHEET 6 OF 10
CITY DRAWING NUMBER
D-12117