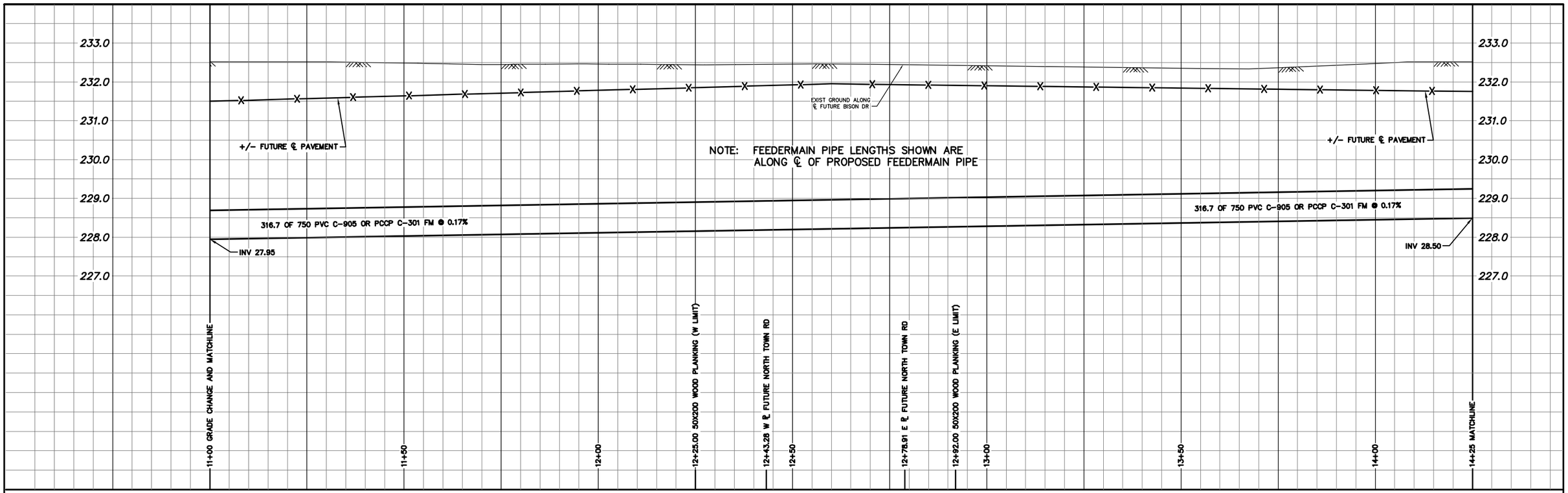
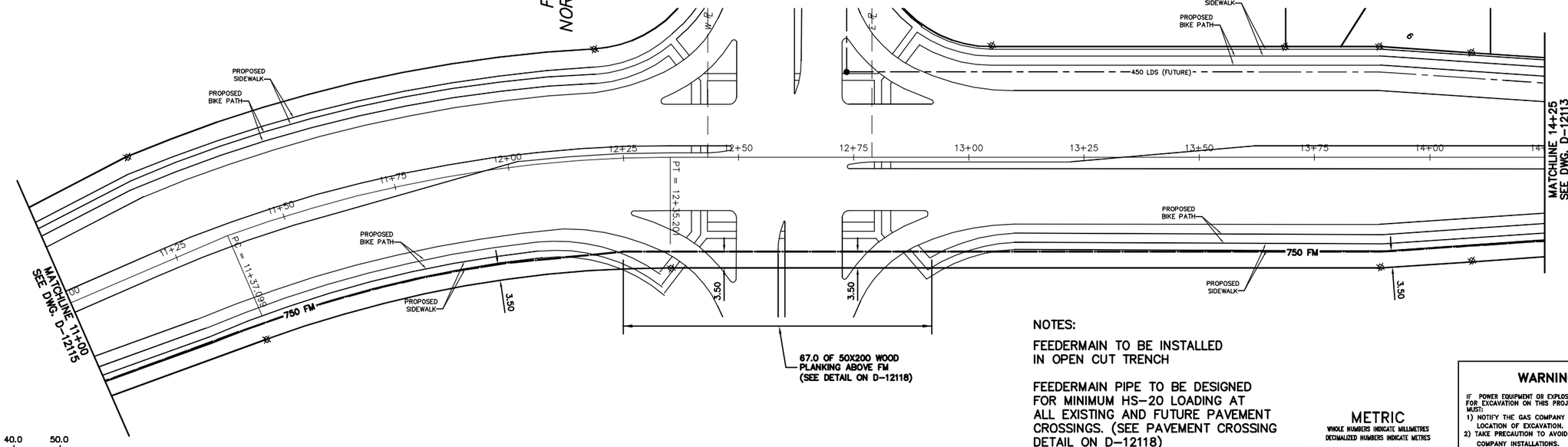


NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF PROPOSED BISON DR



0.0 5.0 10.0 20.0 30.0 40.0 50.0

NOTES:

FEEDERMAIN TO BE INSTALLED IN OPEN CUT TRENCH

FEEDERMAIN PIPE TO BE DESIGNED FOR MINIMUM HS-20 LOADING AT ALL EXISTING AND FUTURE PAVEMENT CROSSINGS. (SEE PAVEMENT CROSSING DETAIL ON D-12118)

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

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

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
200 WM	WATERMAIN	200 WM		SL , HYDRO		150 WM	WATERMAIN	150 WM
	HYDRANT			MTS			HYDRANT	
	VALVE			TRAFFIC SIGNALS			VALVE	
525 LDS	LAND DRAINAGE SEWER	525 LDS	50 GAS	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS		SURVEY BAR		250 WWS	WASTEWATER SEWER	250 WWS
	MANHOLE			FENCE			℄ PROFILE	
	CATCH BASIN			POLE - HYDRO, MTS			GROUND ABOVE PIPE	
	CURB INLET			CURB STOP			℄ DITCH (NORTH & WEST)	
	REDUCER			GUY ANCHOR			℄ DITCH (SOUTH & EAST)	
	COUPLER			LIGHT STANDARD			GUTTER (NORTH & WEST)	
	ANODE			TREE			GUTTER (SOUTH & EAST)	

LOCATION APPROVED
UNDERGROUND STRUCTURES

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.

B.M. ELEV. _____ FIELD BOOK #: _____

POSTED TO LBIS

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

BID OPPORTUNITY 476-2010
FILENAME : D-12114.dwg
PLOT DATE: 2010 06 15

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 FEEDERMAIN INSTALLATION AND ASSOCIATED WORKS

BISON DRIVE

891 m W OF WAVERLEY STREET TO 566 m W OF WAVERLEY STREET

SHEET 3 OF 10

CITY DRAWING NUMBER

D-12114