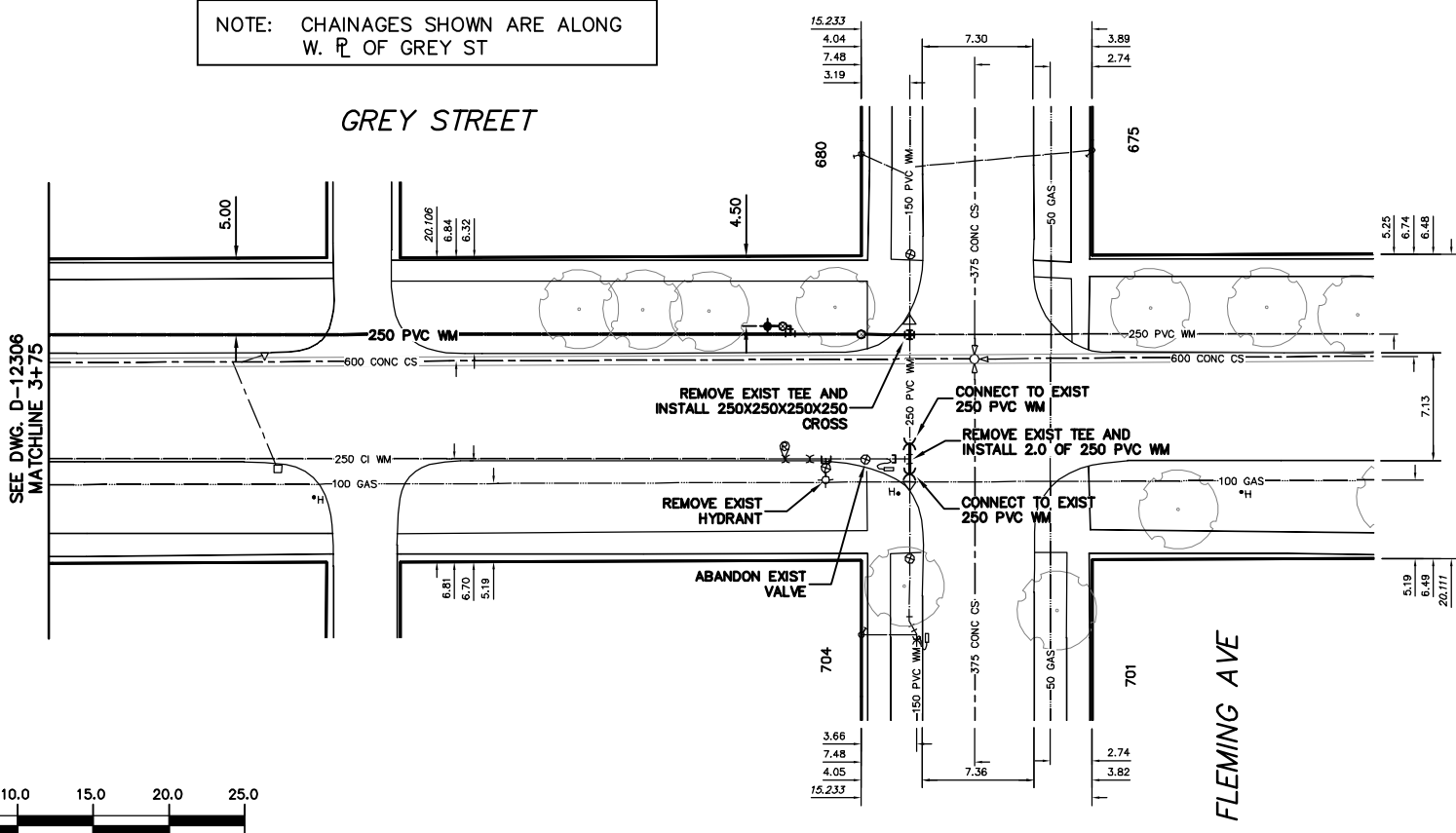


NOTE: CHAINAGES SHOWN ARE ALONG W. R. OF GREY ST



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
675 FLEMING AVE	20 COPPER	20 COPPER	2.35 WEL HSE	1.0 E S/C	OUTSIDE RENEWAL LIMITS
RESIDENTIAL	COPPER	COPPER	6.89 WML GREY		OUTSIDE RENEWAL LIMITS
680 FLEMING AVE	20 COPPER	20 COPPER	2.65 WEL HSE	1.5 E S/C	OUTSIDE RENEWAL LIMITS
RESIDENTIAL	COPPER	COPPER	6.81 WML GREY		OUTSIDE RENEWAL LIMITS
701 FLEMING AVE	20 COPPER	20 COPPER	1.60 WEL HSE	3.0 E S/C	OUTSIDE RENEWAL LIMITS
RESIDENTIAL	COPPER	COPPER	12.30 EEL GREY		OUTSIDE RENEWAL LIMITS
704 FLEMING AVE	20 COPPER	20 COPPER	3.38 EWL HSE	OPP S/C	OUTSIDE RENEWAL LIMITS
RESIDENTIAL	COPPER	LEAD	4.67 EEL GREY		OUTSIDE RENEWAL LIMITS

* SERVICES TO BE RENEWED TO R UPON CONFIRMATION BY THE CONTRACTOR OF EXISTING LEAD SERVICE. OBTAIN APPROVAL FROM CONTRACT ADMINISTRATOR PRIOR TO RENEWAL.

CONSTRUCTION NOTES

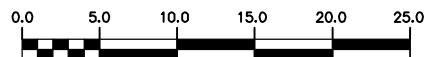
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

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	x	VALVE	x
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
o	CATCH BASIN	o	POLE - HYDRO, MTS	o	GROUND ABOVE PIPE	o
v	CURB INLET	v	CURB STOP	o	DITCH (NORTH & WEST)	o
o	REDUCER	o	GUY ANCHOR	o	DITCH (SOUTH & EAST)	o
o	COUPLER	o	LIGHT STANDARD	o	GUTTER (NORTH & WEST)	o
o	ANODE	o	TREE	o	GUTTER (SOUTH & EAST)	o
o	EXISTING	o	LEGEND-PLAN	o	LEGEND-PROFILE	o
o	LEGEND-PLAN	o	EXISTING	o	LEGEND-PROFILE	o

LOCATION APPROVED	B.M. ELEV.	FIELD BOOK #
UNDERGROUND STRUCTURES		
SUPV. U/G STRUCTURES COMMITTEE		
DATE		

NO.	REVISIONS	DATE	BY

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

DESIGNED BY: DB
CHECKED BY: KZ/SC

DRAWN BY: CJH
APPROVED BY: KZ

HOR. SCALE: 1:250
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION

DATE: 2011 03 08

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK
11/03/07

BID OPPORTUNITY: 100-2011
FILENAME: D-12307.dwg
PLOT DATE: 2011 03 08

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 WATERMAIN RENEWALS
CONTRACT 9
GREY STREET
PRINCE RUPERT AVENUE TO
FLEMING AVENUE

SHEET 9 OF 9
CITY DRAWING NUMBER
D-12307