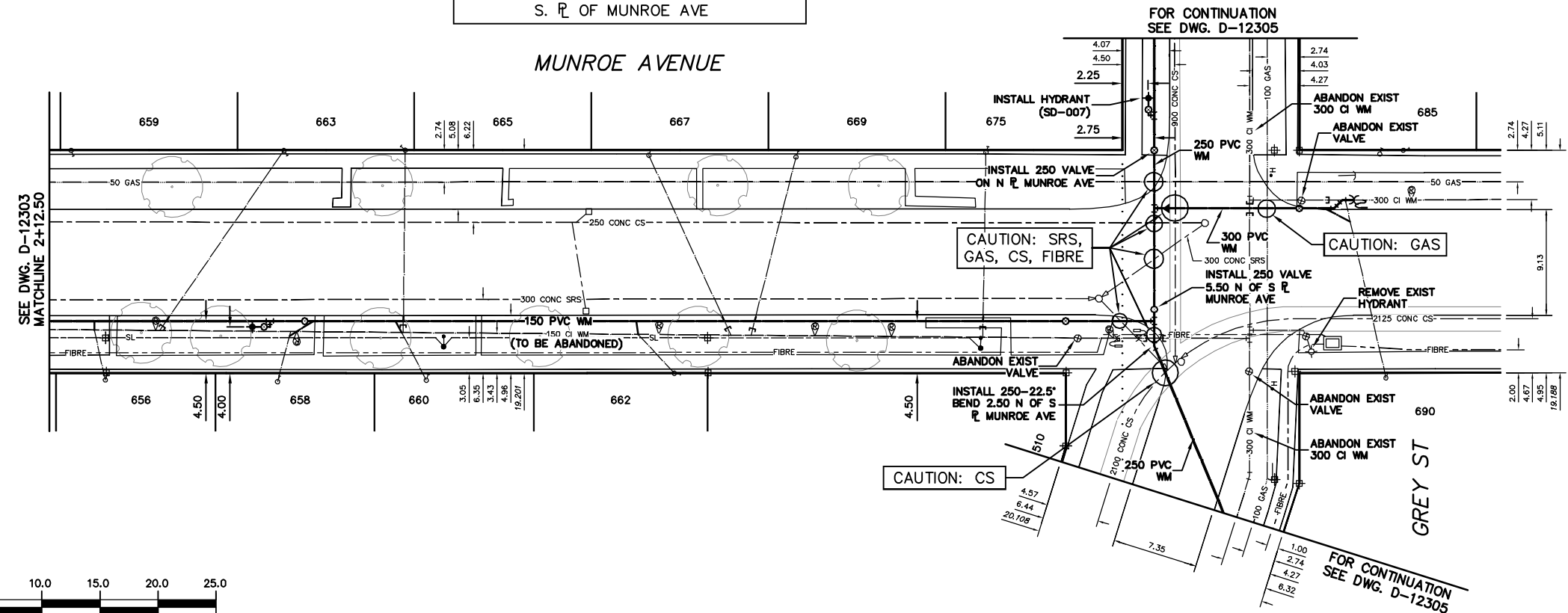


WATER SERVICE INFORMATION					
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP.)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
656 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	1.83 E OF W COR HSE	7.32 E OF HYD	RECONNECT SERVICE
658 MUNROE AV RESIDENTIAL	20 COPPER	20 COPPER	1.79 EWL HSE	1.1 E S/C	RECONNECT SERVICE
659 MUNROE AV RESIDENTIAL	20 COPPER	20 COPPER	0.98 WML HSE	-	RECONNECT SERVICE
660 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	1.83 E OF W COR HSE	2.0 W S/C	RECONNECT SERVICE
662 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	9.45 E OF W COR HSE	23.90 E OF HYD	RECONNECT SERVICE
663 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	1.22 E OF W LINE	13.17 E OF HYD	RECONNECT SERVICE
665 MUNROE AV RESIDENTIAL	20 COPPER	20 COPPER	0.76 W OF W LINE	34.14 E OF HYD	RECONNECT SERVICE
667 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	0.69 EWL HSE	7.0 E S/C	RECONNECT SERVICE
669 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	2.90 W OF W LINE	3.8 W S/C	RECONNECT SERVICE
675 MUNROE AV RESIDENTIAL	12 COPPER	12 COPPER	2.55 W OF W LINE	0.4 W S/C	RECONNECT SERVICE
685 MUNROE AV RESIDENTIAL	20 COPPER	20 COPPER	2.45 EWL HSE	-	RECONNECT SERVICE
690 MUNROE AV COMMERCIAL	20 COPPER	20 COPPER	1.21 EWL BLDG	3.5 W S/C	RECONNECT SERVICE
674 MONCTON AV RESIDENTIAL	12 COPPER	12 COPPER	7.44 EEL GREY	0.30 W OF W/L HSE	SERVICED OFF OF MONCTON AV OUTSIDE RENEWAL LIMITS
678 MONCTON AV RESIDENTIAL	12 COPPER	12 COPPER	4.5 E OF W H/L	1.6 W OF S/C	SERVICED OFF OF MONCTON AV OUTSIDE RENEWAL LIMITS
675 MONCTON AV RESIDENTIAL	20 COPPER	20 COPPER	5.03 N OF S COR HSE	22.40 N OF HYD	RECONNECT SERVICE
677 MONCTON AV RESIDENTIAL	20 COPPER	12 COPPER	2.5 E OF W BLDG	0.2 W OF S/C	SERVICED OFF OF MONCTON AV OUTSIDE RENEWAL LIMITS
510 GREY ST COMMERCIAL	50 COPPER	50 COPPER	3.51 NSL BLDG	OPP S/C	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**
- EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 - LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
 - INSTALL WATERMAIN BY TRENCHLESS METHODS.
 - TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 - ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
 - REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
 - NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

NOTE: CHAINAGES SHOWN ARE ALONG S. R. OF MUNROE AVE



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

200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	MTS	-	HYDRANT	+
o	VALVE	o	TRAFFIC SIGNALS	-	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	-	PROFILE	-
o	CATCH BASIN	o	POLE - HYDRO, MTS	-	GROUND ABOVE PIPE	-
v	CURB INLET	v	CURB STOP	-	DITCH (NORTH & WEST)	-
<	REDUCER	<	GUY ANCHOR	-	DITCH (SOUTH & EAST)	-
x	COUPLER	x	LIGHT STANDARD	-	GUTTER (NORTH & WEST)	-
o	ANODE	o	TREE	-	GUTTER (SOUTH & EAST)	-
---	EXISTING	---	LEGEND-PLAN	---	LEGEND-PROFILE	---

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 #	CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION	
POSTED TO LBIS		DESIGNED BY DB	CHECKED BY KZ/SC
		DRAWN BY CJH	APPROVED BY KZ
		HOR. SCALE 1:250	RELEASED FOR CONSTRUCTION
		VERTICAL 1:50	
NO. REVISIONS	DATE BY	DATE 2011 03 08	DATE

ENGINEER'S SEAL

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

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 WATERMAIN RENEWALS CONTRACT 9
MUNROE AVENUE
87.50 W OF GREY STREET TO GREY STREET

SHEET 6 OF 9
CITY DRAWING NUMBER D-12304

BID OPPORTUNITY: 100-2011
FILENAME: D-12303.dwg
PLOT DATE: 2011 03 08