

NOTE: CHAINAGES SHOWN ARE ALONG W R OF ROCH ST

**WATER SERVICE INFORMATION**

ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
326 HARBISON AVE	20 COPPER	20 COPPER	2.12 EWL HSE	-	RECONNECT SERVICE
331 HARBISON AVE	20 COPPER	12 COPPER	1.73 EWL HSE	0.3 W OF S/C	RECONNECT SERVICE
347 HARBISON AVE	20 COPPER	20 LEAD	4.57 WML ROCH	-	-
348 HARBISON AVE	20 COPPER	20 COPPER	5.06 EWL HSE	0.1 W OF S/C	-
393 LARSEN AVE	20 COPPER	12 COPPER	13.60 EEL ROCH	-	-
394 LARSEN AVE	16 COPPER	16 COPPER	2.28 WEL HSE	0.1 W OF S/C	-
397 LARSEN AVE	16 COPPER	16 COPPER	11.79 WML ROCH	-	-
400 LARSEN AVE	20 COPPER	12 COPPER	0.65 WEL HSE	2.2 W OF S/C	-
403 LARSEN AVE	20 COPPER	12 COPPER	7.14 WML ROCH	-	-
403 LARSEN AVE	20 COPPER	12 COPPER	1.44 EEL HSE	0.5 W OF S/C	RENEW TO R W/20 COPPER
403 LARSEN AVE	20 COPPER	12 COPPER	0.41 WML ROCH	-	RECONNECT SERVICE
403 LARSEN AVE	20 COPPER	12 COPPER	4.07 WEL HSE	-	RECONNECT SERVICE
403 LARSEN AVE	20 COPPER	12 COPPER	2.85 EEL ROCH	-	RECONNECT SERVICE
403 LARSEN AVE	20 COPPER	12 COPPER	1.63 EWL HSE	0.8 W OF S/C	RECONNECT SERVICE
403 LARSEN AVE	20 COPPER	12 COPPER	4.80 EEL ROCH	-	RECONNECT SERVICE

\* 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**

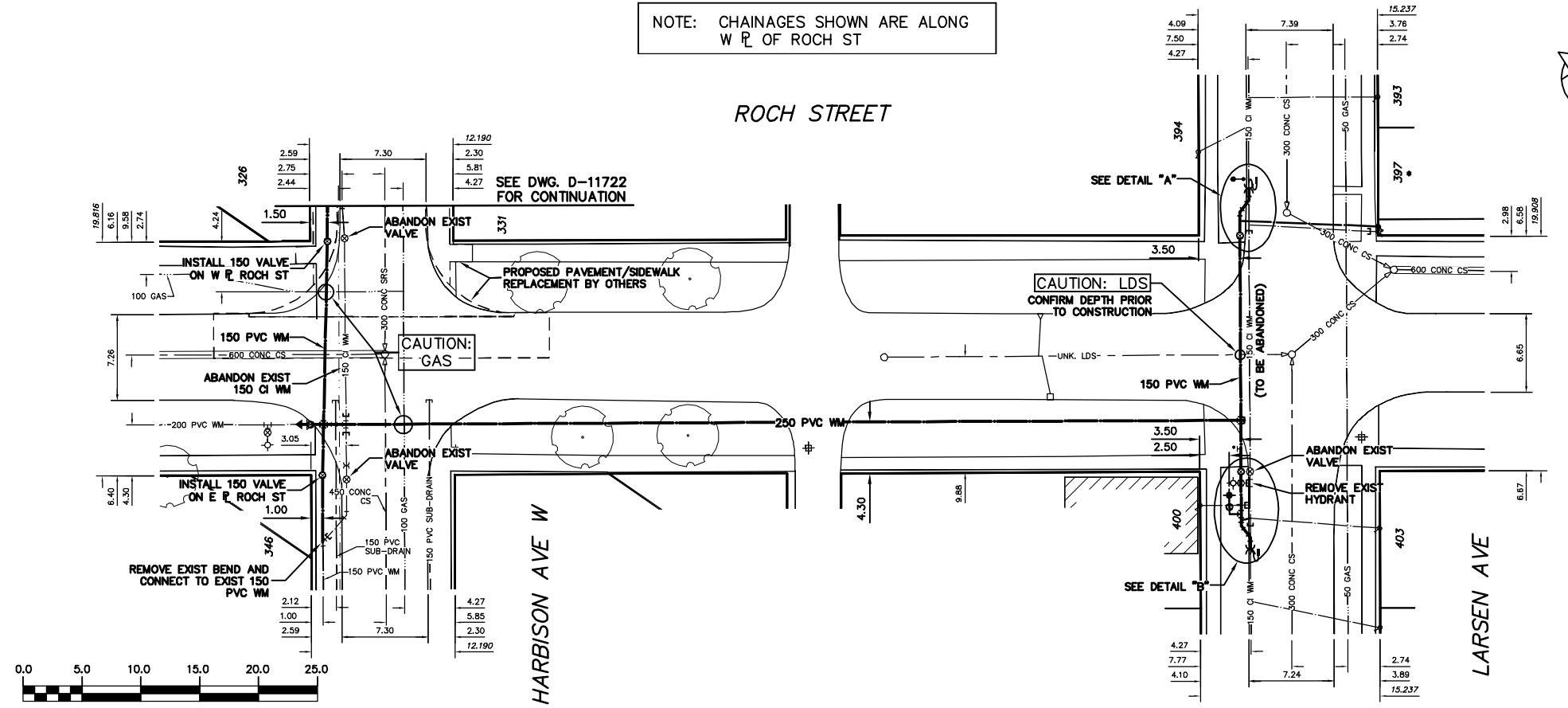
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM 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

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



200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕	MTS	+	HYDRANT	+
⊙	VALVE	⊙	TRAFFIC SIGNALS	X	VALVE	X
525 LDS	LAND DRAINAGE SEWER	525 LDS	GAS	50 GAS	300 LDS	LAND DRAINAGE SEWER
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	250 WWS	WASTEWATER SEWER
○	MANHOLE	●	FENCE	X	⊕	PROFILE
□	CATCH BASIN	■	POLE - HYDRO, MTS	=====	=====	GROUND ABOVE PIPE
▽	CURB INLET	▽	CURB STOP	⊕	⊕	DITCH (NORTH & WEST)
∇	REDUCER	∇	GUY ANCHOR	⊕	⊕	DITCH (SOUTH & EAST)
X	COUPLER	X	LIGHT STANDARD	⊕	⊕	GUTTER (NORTH & WEST)
⊕	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 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 LIS:	
NO. REVISIONS	DATE BY

**CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION**

DESIGNED BY: NC  
CHECKED BY: NC  
DRAWN BY: C/JH  
APPROVED BY: KZ  
HOR. SCALE: 1:250  
VERTICAL SCALE: 1:50  
DATE: 2009 03 12

ENGINEER'S SEAL  
ORIGINAL SIGNED BY K.R. ZUREK  
09/03/12

**THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT**

2009 WATERMAIN RENEWALS CONTRACT 4  
**ROCH STREET**  
HARBISON AVENUE (WEST) TO LARSEN AVENUE

SHEET 6 OF 10  
CITY DRAWING NUMBER  
D-11723