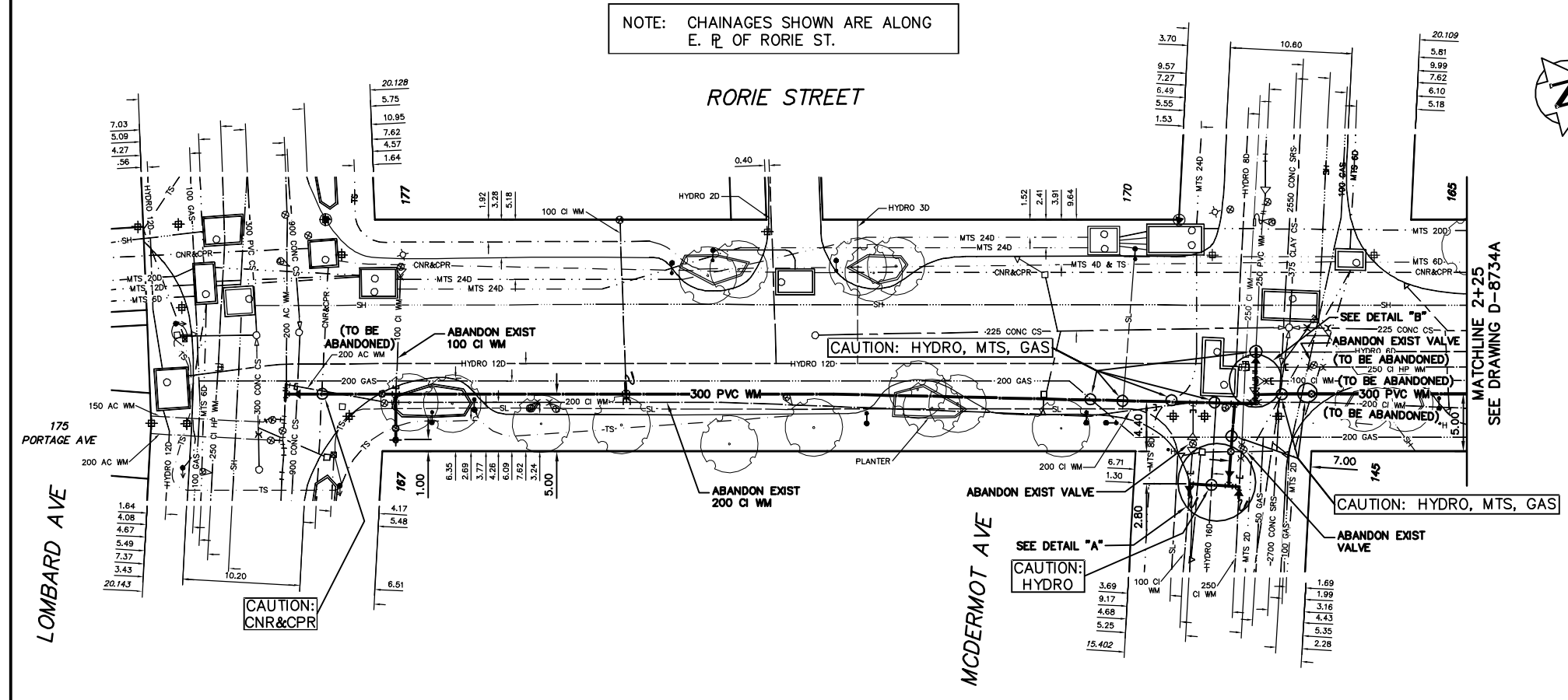


NOTE: CHAINAGES SHOWN ARE ALONG E. R. OF RORIE ST.



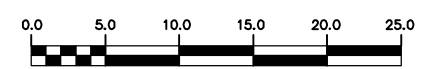
WATER SERVICE INFORMATION					
ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
167 LOMBARD AVE	150	150	-	OPP VALVE	SERV. OFF MCDERMOT
COMMERCIAL	PVC	PVC	31.39 EEL RORIE	OPP VALVE	SERV. OFF RORIE
177 LOMBARD AVE	100	100	9.45 SNL	OPP VALVE	SERV. OFF RORIE
COMMERCIAL	CI	CI	21.33 NNL LOMBARD	OPP VALVE	SERV. OFF MCDERMOT
145 MCDERMOT AVE	50	50	28.04 WEL BLDG	0.92 W OF S/C	SERV. OFF MCDERMOT
COMMERCIAL	COPPER	COPPER	40.54 EEL PORTAGE	OPP VALVE	SERV. OFF MCDERMOT
145 MCDERMOT AVE	100	-	4.88 EEL RORIE	0.60 N OF S/C	SERV. OFF RORIE
COMMERCIAL	CI	-	13.71 NNL BLDG	OPP VALVE	SERV. OFF RORIE
165 MCDERMOT AVE	20	20	13.97 NNL MCDERMOT	OPP VALVE	SERV. OFF RORIE
INDUSTRIAL	COPPER	COPPER	22.56 NNL MCDERMOT	OPP VALVE	SERV. OFF LOMBARD
175 PORTAGE AVE	150	-	2.50 WEL RORIE	OPP VALVE	SERV. OFF LOMBARD
COMMERCIAL	AC	-	9.66 SNL LOMBARD	OPP VALVE	SERV. OFF LOMBARD
175 PORTAGE AVE	200	-	0.90 WEL RORIE	OPP VALVE	SERV. OFF LOMBARD
SPRINKLER	AC	-	9.70 SNL LOMBARD	OPP VALVE	SERV. OFF LOMBARD

* SERVICES TO BE RENEWED TO R. ALL OTHERS TO BE RECONNECTED

- 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



<table border="1"> <tr> <td>200 WM</td> <td>WATERMAIN</td> <td>200 WM</td> <td>SL, HYDRO</td> <td>150 WM</td> <td>WATERMAIN</td> <td>150 WM</td> </tr> <tr> <td>⊕</td> <td>HYDRANT</td> <td>⊕</td> <td>MTS</td> <td>⊕</td> <td>HYDRANT</td> <td>⊕</td> </tr> <tr> <td>⊙</td> <td>VALVE</td> <td>⊙</td> <td>TRAFFIC SIGNALS</td> <td>⊙</td> <td>VALVE</td> <td>⊙</td> </tr> <tr> <td>525 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>525 LDS</td> <td>GAS</td> <td>300 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>300 LDS</td> </tr> <tr> <td>375 WWS</td> <td>WASTEWATER SEWER</td> <td>375 WWS</td> <td>SURVEY BAR</td> <td>250 WWS</td> <td>WASTEWATER SEWER</td> <td>250 WWS</td> </tr> <tr> <td>○</td> <td>MANHOLE</td> <td>○</td> <td>FENCE</td> <td>⊕</td> <td>PROFILE</td> <td>⊕</td> </tr> <tr> <td>□</td> <td>CATCH BASIN</td> <td>□</td> <td>POLE - HYDRO, MTS</td> <td>⊕</td> <td>GROUND ABOVE PIPE</td> <td>⊕</td> </tr> <tr> <td>▽</td> <td>CURB INLET</td> <td>▽</td> <td>CURB STOP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>△</td> <td>REDUCER</td> <td>△</td> <td>GUY ANCHOR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td>COUPLING</td> <td>X</td> <td>LIGHT STANDARD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>⊕</td> <td>ANODE</td> <td>⊕</td> <td>TREE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PROFILE</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PROFILE</td> <td>PROPOSED</td> <td>EXISTING</td> </tr> </table>	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	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				△	REDUCER	△	GUY ANCHOR				X	COUPLING	X	LIGHT STANDARD				⊕	ANODE	⊕	TREE				EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES COMMITTEE DATE</p> <p>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.</p>	<p>B.M. ELEV.</p> <p>FIELD BOOK #:</p> <p>POSTED TO LBS</p> <p>NO. REVISIONS</p> <p>DATE</p>	<p>CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION</p> <p>DESIGNED BY: SC CHECKED BY: TW</p> <p>DRAWN BY: CJH APPROVED BY: KZ</p> <p>HOR. SCALE: 1:250 VERTICAL: 1:50</p> <p>RELEASED FOR CONSTRUCTION</p> <p>DATE: 2005 06 09</p>	<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY K.R. ZUREK 05/06/09</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>2005 WATERMAIN RENEWALS</p> <p>SHEET 13 OF 16</p> <p>CITY DRAWING NUMBER</p> <p>RORIE STREET LOMARD AVENUE TO 45 m S OF BANNATYNE AVENUE</p> <p>D-8734</p>
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