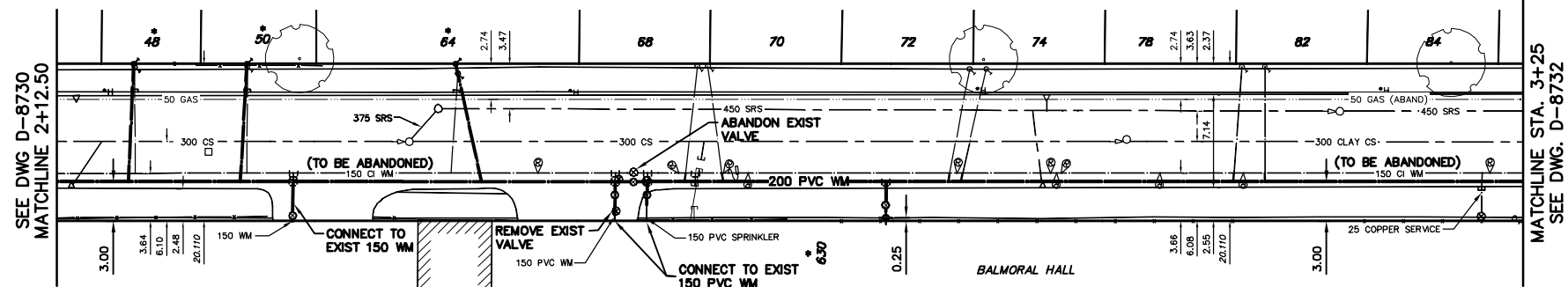


NOTE: CHAINAGES SHOWN ARE ALONG E. R. OF LANGSIDE ST.

LANGSIDE STREET



- 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.



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
48 LANGSIDE ST RESIDENTIAL	13 LEAD	20 COPPER	1.37 NSL HSE 120.70>NNL CORNISH	OPP S/C	RENEW W/20 COPPER
50 LANGSIDE ST RESIDENTIAL	25 LEAD	25 COPPER	2.59 NSL HSE 31.85 S 1ST HYD S WESTMIN.	OPP S/C	RENEW W/25 COPPER
64 LANGSIDE ST RESIDENTIAL	25 LEAD	25 COPPER	OPP FRONT DOOR 143.56>NNL CORNISH	130.76 S WESTMIN.	RENEW W/25 COPPER
65 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	1.04>NNL HSE 2.01>NNL R	0.91 S OF S/C	-
70 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	0.30 SSL HSE	1.52 NSHL	-
72 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	1.82 SSL R	1.52 S OF S/C	-
74 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	0.61>NNL	1.52 S OF S/C	-
77 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	90.83 SSL WESTMINSTER	1.83 S OF S/C	-
77 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	1.52 SSL HSE	-	-
77 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	90.22 S OF WESTMINSTER	-	-

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

WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
78 LANGSIDE ST RESIDENTIAL	20 COPPER	13 COPPER	2.44>NNL HSE 68.58 SSL WESTMINSTER	0.61 S OF S/C	REV. TAPPED
82 LANGSIDE ST RESIDENTIAL	20 COPPER	20 COPPER	0.30 SSL HSE 68.28 SSL WESTMINSTER	OPP S/C	REV. TAPPED
84 LANGSIDE ST RESIDENTIAL	20 COPPER	13 COPPER	2.44>NNL HSE 48.62 SSL WESTMINSTER	OPP S/C	-
630 WESTMINSTER AVE COMMERCIAL	150 PVC	150 PVC	41.15>NNL BLDG 115.82 SSL WESTMINSTER	OPP VALVE	SERV. OFF LANGSIDE RENEW TO R
630 WESTMINSTER AVE COMMERCIAL	150 PVC	150 PVC	39.32>NNL BLDG 117.98 SSL WESTMINSTER	OPP VALVE	SERV. OFF LANGSIDE
630 WESTMINSTER AVE COMMERCIAL	25 COPPER	25 COPPER	18.59>NNL BLDG 49.38 SSL WESTMINSTER	0.60 S OF S/C	SERV. OFF LANGSIDE

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

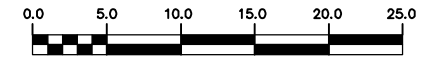
METRIC

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> <th>200 WM</th> <th>WATERMAIN</th> <th>200 WM</th> <th>SL, HYDRO</th> <th>150 WM</th> <th>WATERMAIN</th> <th>150 WM</th> </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>50 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>*H *T</td> <td>⊗</td> <td>GROUND ABOVE PIPE</td> <td></td> </tr> <tr> <td>▽</td> <td>CURB INLET</td> <td>▽</td> <td>POLE - HYDRO, MTS</td> <td>⊗</td> <td></td> <td></td> </tr> <tr> <td>▽</td> <td>CURB STOP</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	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	□	*H *T	⊗	GROUND ABOVE PIPE		▽	CURB INLET	▽	POLE - HYDRO, MTS	⊗			▽	CURB STOP	▽	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>NO. REVISIONS</p> <p>DATE</p> <p>BY</p>	<p>B.M. ELEV.</p> <p>FIELD BOOK #</p> <p>POSTED TO LBS</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>LANGSIDE STREET 112.5 N OF N R CORNISH AVENUE TO 225 N OF N R CORNISH AVENUE</p>	<p>SHEET 10 OF 16</p> <p>CITY DRAWING NUMBER: D-8731</p> <p>BID OPPORTUNITY: 244-2005 FILENAME: D-8730_31_32_35.dwg PLOT DATE: 2005 06 09</p>
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