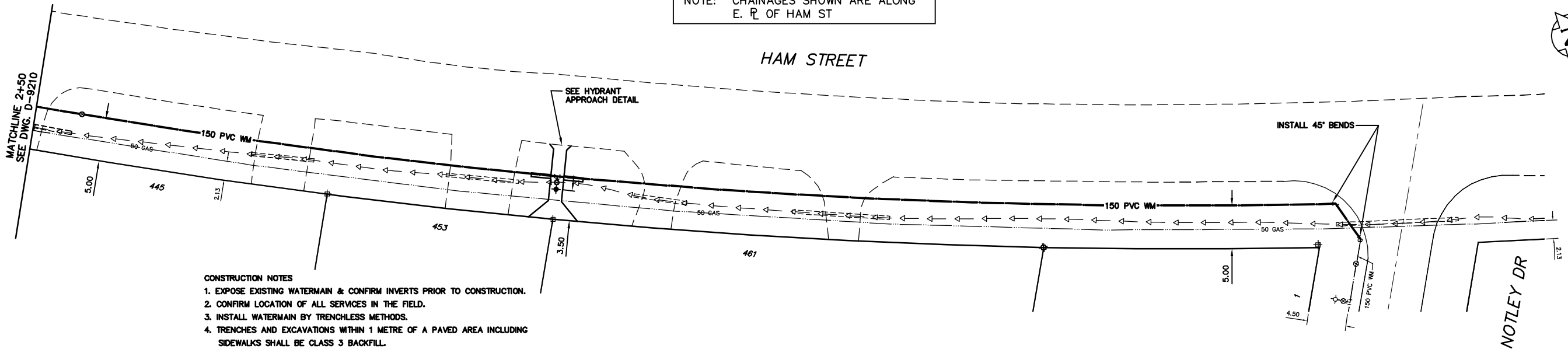


NOTE: CHAINAGES SHOWN ARE ALONG E. R. OF HAM ST



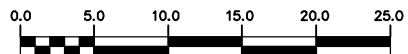
- CONSTRUCTION NOTES**
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
  3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
  4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 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

**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>⊕ DITCH (NORTH &amp; WEST)</td> <td>⊕</td> </tr> <tr> <td>◁</td> <td>REDUCER</td> <td>◁</td> <td>GUY ANCHOR</td> <td>⊕</td> <td>⊕ DITCH (SOUTH &amp; EAST)</td> <td>⊕</td> </tr> <tr> <td>X</td> <td>COUPLER</td> <td>X</td> <td>LIGHT STANDARD</td> <td>⊕</td> <td>⊕ GUTTER (NORTH &amp; WEST)</td> <td>⊕</td> </tr> <tr> <td>⊕</td> <td>ANODE</td> <td>⊕</td> <td>TREE</td> <td>⊕</td> <td>⊕ GUTTER (SOUTH &amp; EAST)</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> </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	⊕	⊕ 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	<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES COMMITTEE</p> <p>DATE</p> <p>NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN 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><b>CITY OF WINNIPEG</b> WATER AND WASTE ENGINEERING DIVISION</p> <p>DESIGNED BY: SC CHECKED BY: TW</p> <p>DRAWN BY: WKT APPROVED BY: KZ</p> <p>HOR. SCALE: 1:250 VERTICAL: 1:50</p> <p>RELEASED FOR CONSTRUCTION</p> <p>DATE: 2007 07 06</p>	<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY S.R.J. COURNOYER 07/07/06</p>	<p><b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT</p> <p>HAM STREET WATERMAIN INSTALLATION</p> <p><b>HAM STREET</b> 150 m SOUTH OF NOTLEY DRIVE TO NOTLEY DRIVE</p>	<p>SHEET 2 OF 2</p> <p>CITY DRAWING NUMBER</p> <p>D-9211</p>
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