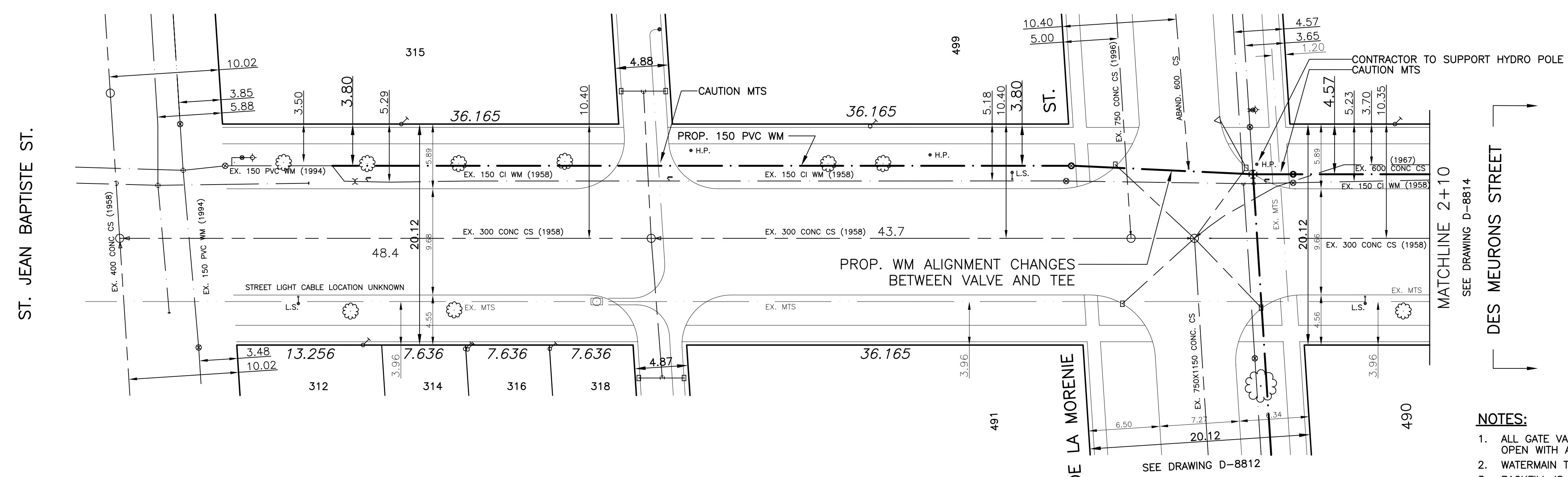
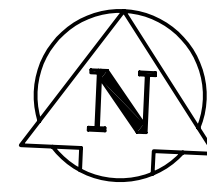


HAMEL AVE CHAINAGE ALONG NORTH PROPERTY LINE OF HAMEL AV.



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
312 HAMEL AVE RESIDENTIAL	19 COPPER	19 COPPER	3.7 LR CR OF HSE S OF N. PL #312	10.1	
314 HAMEL AVE RESIDENTIAL	19 COPPER	19 COPPER	1.2 LL CR OF HSE E OF W. PL #314	21.0	
315 HAMEL AVE RESIDENTIAL	19 COPPER	19 COPPER	2.7 RR CR OF HSE E OF W. PL #227	48.2	
316 HAMEL AVE RESIDENTIAL	19 COPPER	19 COPPER	0.9 RR CR OF HSE 21.3 E OF W. PL #314		
318 HAMEL AVE RESIDENTIAL	19 COPPER	19 COPPER	0.6 RR CR OF HSE 7.6 E OF W. PL #314		

- NOTES:
- ALL GATE VALVES ARE TO BE COUNTER-CLOCKWISE TO OPEN WITH A BLACK OPERATING NUT.
  - WATERMAIN TO BE INSTALLED BY TRENCHLESS METHODS.
  - BACKFILL IS CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN PAVEMENT/SIDEWALK OR WHEN WITHIN 1.0m OF PAVEMENT OR SIDEWALK.
  - WATER SERVICES ARE 19mm UNLESS OTHERWISE NOTED.
  - MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m.
  - LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
  - EXPOSE EXISTING WATERMAIN TO CONFIRM DEPTH PRIOR TO CONSTRUCTION.
  - ALL LEAD SERVICES TO BE RENEWED.
  - SERVICES TO BE RENEWED SHALL BE REPLACED FROM WATERMAIN TO PROPERTY LINE. ALL OTHERS TO BE RECONNECTED.

**APEGM**  
 Certificate of Authorization  
 SEG Engineering Inc.  
 No. 1432 Expiry: April 30, 2006

METRIC  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

<table border="1"> <tr> <th>EXISTING</th> <th>LEGEND - PLAN</th> <th>PROPOSED</th> <th>EXISTING</th> <th>LEGEND - PLAN</th> <th>PROPOSED</th> <th>EXISTING</th> <th>LEGEND - PROFILE</th> <th>PROPOSED</th> </tr> <tr> <td>○</td> <td>WATERMAIN</td> <td>—</td> <td>—</td> <td>HYDRO</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>⊕</td> <td>HYDRANT</td> <td>—</td> <td>—</td> <td>M.T.S.</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>⊗</td> <td>VALVE</td> <td>—</td> <td>—</td> <td>CONCRETE</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>LAND DRAINAGE SEWER</td> <td>—</td> <td>—</td> <td>ASPHALT</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>WASTE WATER SEWER</td> <td>—</td> <td>—</td> <td>PROPERTY LINE</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>○</td> <td>MANHOLE</td> <td>—</td> <td>—</td> <td>SURVEY BAR</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>□</td> <td>CATCH BASIN</td> <td>—</td> <td>—</td> <td>CURB STOP</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>△</td> <td>CURB INLET</td> <td>—</td> <td>—</td> <td>C.B. LEAD</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>TRAFFIC SIGNAL</td> <td>—</td> <td>—</td> <td>SIDEWALK</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>STEAM HT.</td> <td>—</td> <td>—</td> <td>SIDEWALK RAMP</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>GAS</td> <td>—</td> <td>—</td> <td>ELEVATIONS</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> </table>	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED	○	WATERMAIN	—	—	HYDRO	—	—	—	—	⊕	HYDRANT	—	—	M.T.S.	—	—	—	—	⊗	VALVE	—	—	CONCRETE	—	—	—	—	—	LAND DRAINAGE SEWER	—	—	ASPHALT	—	—	—	—	—	WASTE WATER SEWER	—	—	PROPERTY LINE	—	—	—	—	○	MANHOLE	—	—	SURVEY BAR	—	—	—	—	□	CATCH BASIN	—	—	CURB STOP	—	—	—	—	△	CURB INLET	—	—	C.B. LEAD	—	—	—	—	—	TRAFFIC SIGNAL	—	—	SIDEWALK	—	—	—	—	—	STEAM HT.	—	—	SIDEWALK RAMP	—	—	—	—	—	GAS	—	—	ELEVATIONS	—	—	—	—	<p>LOCATION APPROVED</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. CWM: 34-011 231.413 m</p> <p>NO. REVISIONS DATE BY</p>	<p><b>SEG ENGINEERING INC.</b>        200 TACHE AVENUE        WINNIPEG, MANITOBA        (204)-233-2113</p> <p>DESIGNED BY: DJ        CHECKED BY: SM        DRAWN BY: RH        APPROVED BY: IMCK        HOR. SCALE: 1:250        VERT. SCALE: 1:50        RELEASED FOR CONSTRUCTION: K. ZUREK P. ENG        DATE: JUNE 28, 2004</p>	<p>ENGINEERS SEAL  </p> <p>CONSULTANT DRAWING NO. 069-019-08</p>	<p><b>THE CITY OF WINNIPEG</b>        WATER AND WASTE DEPARTMENT</p> <p>2005 CAPITAL WORKS        WATERMAIN RENEWALS        HAMEL AVENUE        ST. JEAN BAPTISTE STREET        TO DE LA MORENIE STREET</p> <p>CITY DRAWING NO. SHEET 1 OF 2 D-8813</p>
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