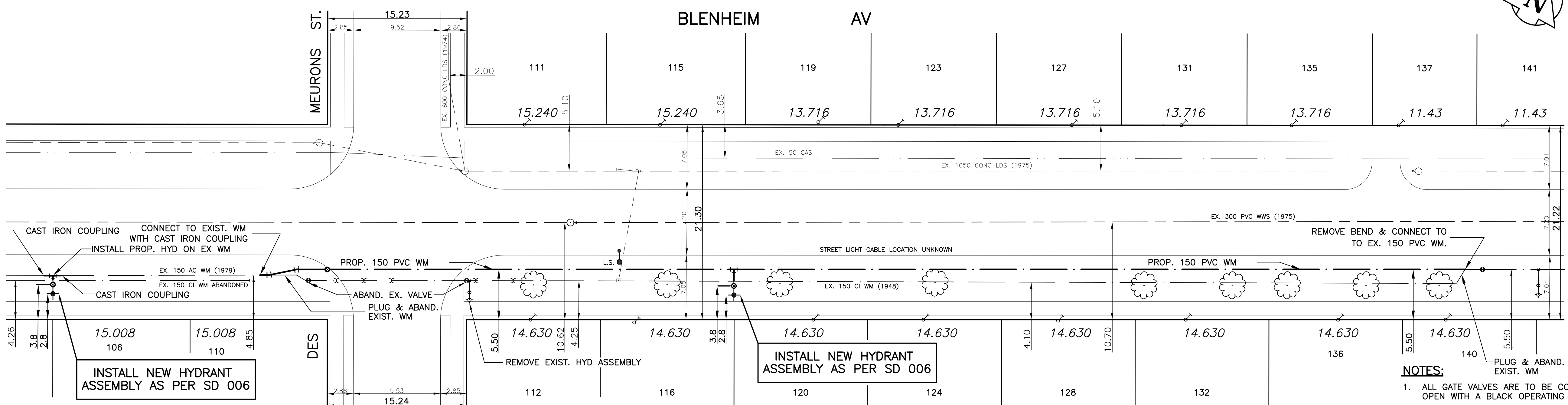


CHAINAGE ALONG SOUTH LINE OF BLENHEIM AV.



WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION	ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION	ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION
111 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	3.4 N/EHL	7.3	123 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	47.6	135 BLENHEIM AVE RESIDENTIAL	13 COPPER	13 COPPER	1.5 R/L	88.5
112 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	21.4	124 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	65.6	136 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	4.6 L/R	110.1
115 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	38.7	127 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	79.3	137 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	110.1
116 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	18.9 E/EL DES MEURONS	37.2	128 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	78.7	140 BLENHEIM AVE RESIDENTIAL	13 COPPER	13 COPPER	2.1 L/R	122.3
119 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	4.9 R OF L		131 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	E/EL DES MEURONS	114.1	141 BLENHEIM AVE RESIDENTIAL	13 COPPER	13 COPPER	1.2 L/R	
120 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	3.5 L OF R		132 BLENHEIM AVE RESIDENTIAL	19 COPPER	19 COPPER	1.5 E/WHL						

- 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.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

<table border="1"> <tr> <th>EXISTING</th> <th>LEGEND - PLAN</th> <th>NEW</th> <th>EXISTING</th> <th>LEGEND - PLAN</th> <th>NEW</th> <th>EXISTING</th> <th>LEGEND - PROFILE</th> <th>NEW</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	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW	○	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	---	---	---	---	<table border="1"> <tr> <th>EXISTING</th> <th>LEGEND - PROFILE</th> <th>NEW</th> </tr> <tr> <td>---</td> <td>CENTER LINE</td> <td>---</td> </tr> <tr> <td>---</td> <td>NORTH GUTTER LINE</td> <td>---</td> </tr> <tr> <td>---</td> <td>SOUTH GUTTER LINE</td> <td>---</td> </tr> <tr> <td>---</td> <td>WATERMAIN</td> <td>---</td> </tr> <tr> <td>---</td> <td>VALVE</td> <td>---</td> </tr> <tr> <td>---</td> <td>LAND DRAINAGE SEWER</td> <td>---</td> </tr> <tr> <td>---</td> <td>WASTE WATER SEWER</td> <td>---</td> </tr> <tr> <td>---</td> <td>JUNCTIONS</td> <td>---</td> </tr> <tr> <td>---</td> <td>CULVERT</td> <td>---</td> </tr> <tr> <td>---</td> <td>ANODE</td> <td>---</td> </tr> </table>	EXISTING	LEGEND - PROFILE	NEW	---	CENTER LINE	---	---	NORTH GUTTER LINE	---	---	SOUTH GUTTER LINE	---	---	WATERMAIN	---	---	VALVE	---	---	LAND DRAINAGE SEWER	---	---	WASTE WATER SEWER	---	---	JUNCTIONS	---	---	CULVERT	---	---	ANODE	---	<p>LOCATION APPROVED UNDERGROUND STRUCTURES ORIGINALLY SIGNED BY XXXXXXXXXXXX XXXXXXXXXXXX</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>BM ELEV. CWEM 54.002 ELEV. 231.653 m</p>	<p>SEG ENGINEERING INC. 200 TACHE AVENUE WINNIPEG, MANITOBA (204) 233-2113</p> <p>DESIGNED BY: DJ DRAWN BY: RH HOR. SCALE: 1:250 VERT. SCALE: 1:50</p> <p>CHECKED BY: SM APPROVED BY: IMck RELEASED FOR CONSTRUCTION: K. ZUREK P. ENG DATE: JUNE 28, 2004</p>	<p>ENGINEERS SEAL I. G. MCKINNON PROFESSIONAL ENGINEER</p> <p>CONSULTANT DRAWING NO. 069-019-03</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>2005 CAPITAL WORKS WATERMAIN RENEWALS BLENHEIM AVENUE DES MEURONS STREET TO 110m EAST OF DES MEURONS STREET</p> <p>CITY DRAWING NO. SHEET 1 OF 1 D-8808</p>
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