



ADDRESS & NATURE OF SERVICE	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
56 Des Meurons St	Residential Copper	19	0.3 R/LHL		
57 Des Meurons St	Residential Copper	19	15.2 S/HYDT		OPP LHL
60 Des Meurons St	Residential Copper	19	0.2 IN S/WALK		OPP RHL
61 Des Meurons St	Residential Copper	19	4.9 S/HYDT		FURTHER CORP/TEE MEAS 5 - 1.5 S/HYDT
64 Des Meurons St	Residential Copper	19	0.9 R/LHL		

APECM
 Certificate of Authorization
 SEG Engineering Inc.
 No. 252 Expiry: April 30, 2007

ADDRESS & NATURE OF SERVICE	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
45 Des Meurons St	Residential Copper	19	2.4 R/LHL		
48 Des Meurons St	Residential Copper	19	0.3 L/RHL		RENEWED ON PROPERTY
49 Des Meurons St	Residential Copper	19	1.2 R/LHL		0.1 C. EXISTING ON CITY SIDE
52 Des Meurons St	Residential Copper	19	41.1 S/HYDT		
53 Des Meurons St	Residential Copper	19	28.7 S/HYDT		OPP LHL

- 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 COPPER 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

BENCHMARK:
 BM 34-008
 ELEV. 231.440

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
---	WATERMAIN	---	---	HYDRO	---	---	CENTER LINE	---
---	HYDRANT	---	---	M.T.S.	---	---	NORTH GUTTER LINE	---
---	VALVE	---	---	CONCRETE	---	---	SOUTH GUTTER LINE	---
---	LAND DRAINAGE SEWER	---	---	ASPHALT	---	---	WATERMAIN	---
---	WASTE WATER SEWER	---	---	PROPERTY LINE	---	---	VALVE	---
---	MANHOLE	---	---	SURVEY BAR	---	---	LAND DRAINAGE SEWER	---
---	CATCH BASIN	---	---	CURB STOP	---	---	WASTE WATER SEWER	---
---	CURB INLET	---	---	C.B. LEAD	---	---	JUNCTIONS	---
---	TRAFFIC SIGNAL	---	---	SIDEWALK	---	---	CULVERT	---
---	STEAM HT.	---	---	SIDEWALK RAMP	---	---		---
---	GAS	---	---	ELEVATIONS	---	---		---

LOCATION APPROVED

SUPV. U/G STRUCTURES COMMITTEE DATE

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.

NO.	REVISIONS	DATE	BY

SEG ENGINEERING INC.
 200 TACHE AVENUE
 WINNIPEG, MANITOBA
 (204) 233-2113

DESIGNED BY: D.J. CHECKED BY: S.M.
 DRAWN BY: R.H. APPROVED BY: S.M.

HOR. SCALE: 1:250
 VERT. SCALE: 1:50

RELEASED FOR CONSTRUCTION: K. ZUREK P. ENG
 ORIGINALLY SIGNED BY: K. ZUREK P. ENG

DATE: MARCH 2006 DATE: MAY 15, 2006



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

2006 CAPITAL WORKS
 WATERMAIN RENEWALS - CONTRACT 18
 RUE DES MEURONS

CARRIERE AVENUE
 TO CATON STREET

CITY DRAWING NO. SHEET 1 OF 1
D-8999

CONSULTANT DRAWING NO. 069-020-03