



ADDRESS & NATURE OF SERVICE		SIZE (mm) & TYPE (Street)		SIZE (mm) & TYPE (PROPERTY)		SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
148 St. Claire Blvd. Residential		34	Copper			4.8 W E HSE LINE 8.5 OUT		SEWER TEE OPPOSITE WATER SHUT OFF SEE SKETCH
152 St. Claire Blvd. Residential		34	Copper			2.8 W OF E.L. OF HOUSE 8.5 FROM HOUSE FRONT		SEWER TEE OPPOSITE WATER SHUT OFF SEE SKETCH
153 St. Claire Blvd. Residential		34	Copper			3.0 NSL OF HSE 8.0 FROM E SIDE OF HSE		

- NOTES:**
- ALL GATE VALVES ARE 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 TO PROPERTY LINE.
 - 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

—	WATERMAIN	—	REDUCER	—	150mm W.M.	—	WATERMAIN	—	150mm W.M.
—	HYDRANT	—	PLUG	—	300mm L.D.S.	—	VALVE	—	300mm L.D.S.
—	VALVE	—	TRAFFIC SIGNAL	—	250mm W.W.S.	—	LAND DRAINAGE SEWER	—	300mm L.D.S.
—	LAND DRAINAGE SEWER	—	GAS	—	250mm W.W.S.	—	WASTE WATER SEWER	—	250mm W.W.S.
—	WASTE WATER SEWER	—	HYDRO	—	M.T.S.	—	JUNCTIONS	—	—
○	MANHOLE	●	SURVEY BAR	—	—	—	CULVERT	—	—
□	CATCH BASIN	■	CURB STOP	—	—	—	—	—	—
△	CURB INLET	▲	C.B. LEAD	—	—	—	—	—	—
+	TEE	+	TREE	—	—	—	—	—	—
⊥	BEND	⊥	LAMP STANDARD	—	—	—	—	—	—
—	ANODE	—	—	—	—	—	—	—	—
—	EXISTING	—	LEGEND — PLAN	—	EXISTING	—	LEGEND — PROFILE	—	PROPOSED

LOCATION APPROVED

SUPV. U/G STRUCTURES DATE COMMITTEE

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.

B.M. 10-032 ELEV. 233.717	DESIGNED BY: DJ	CHECKED BY: SM	DATE: MAY 08
1 BID OPPORTUNITY 478-2008	DRAWN BY: DJ	APPROVED BY: IMcK	DATE: JUNE 08
NO. REVISIONS	HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION: K. ZUREK P.ENG.	ORIGINALLY SIGNED BY: P.ENG.
DATE: MAY 08	VERT. SCALE: 1:50	DATE: JUNE 24 2008	DATE: JUNE 24 2008

GENIVAR
200 TACHE AVENUE WINNIPEG, MANITOBA R2H 1A7
PH: (204)-233-2113 FAX: (204)-233-2080

ENGINEER: I. G. MCKINNON
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 069-023-12

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2008 CAPITAL WORKS
WATERMAIN RENEWALS
ST. CLAIRE BOULEVARD
90M EAST OF PREMIERE PLACE TO
WAYOATA STREET

SHEET 3 OF 3
CITY DRAWING NO.
D-11443