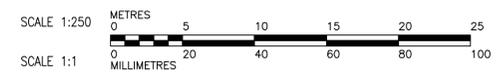


- CONSTRUCTION NOTES:**
1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION
 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
 5. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm TO 150mm ABOVE FINISHED GRADE.
 6. REPLACE ALL EXISTING LEAD SERVICES FROM THE PROPOSED WATERMAIN TO PROPERTY LINE.
 7. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWN OR DISRUPTION OF SERVICE.
 8. LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.
 9. BACKFILL UNDER OR WITHIN 1.0m OF PAVEMENTS, INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL EXCEPT AS NOTED. BACKFILL IN BOULEVARDS SHALL BE CLASS 5 BACKFILL.

ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)		POSITION OF CC (corp)		COMMENTS:
					Long	Short	Long	Short	
3760 PORTAGE AV	COMMERCIAL	1 in (25 mm)	COPPER	(7.6 m)	Long: (43.9 m) W of WL STEWART	Short: of of	Long: of of	Short: of of	
3740 PORTAGE AV	COMMERCIAL	2 in (50 mm)	COPPER		Long: (3.8 m) E of WL BLDG	Short: OPP of SC	Long: of of	Short: of of	
534 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: of of	Short: of of	Long: of of	Short: of of	RENEW TO PROPERTY
530 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (5.2 m) N of SL HOUSE	Short: of of	Long: of of	Short: of of	RENEW TO PROPERTY
529 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (4.0 m) S of NL HOUSE	Short: of of	Long: of of	Short: of of	
525 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (9.1 m) N of NL HOUSE	Short: OPP of SC	Long: of of	Short: of of	
524 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (3.4 m) N of SL HOUSE	Short: (1.2 m) S of SC	Long: of of	Short: of of	

WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT, THE CONTRACTOR MUST NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2010/05/18

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM		150 WM	WATERMAIN	150 WM	WATERMAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS		300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS		250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●		○	MANHOLE	●	MANHOLE	●
□	CATCH BASIN	■		□	CATCH BASIN	■	CATCH BASIN	■
△	CURB INLET	▲		△	CURB INLET	▲	CURB INLET	▲
▭	CULVERT	▭		▭	CULVERT	▭	CULVERT	▭
—	PIPE ABANDONMENTS	—		—	PIPE ABANDONMENTS	—	PIPE ABANDONMENTS	—
+	SURVEY BAR	+		+	SURVEY BAR	+	SURVEY BAR	+
○	HYDRANT	○		○	HYDRANT	○	HYDRANT	○
+	VALVE	+		+	VALVE	+	VALVE	+
○	REDUCER	○		○	REDUCER	○	REDUCER	○
○	COUPLING	○		○	COUPLING	○	COUPLING	○
○	ANODE	○		○	ANODE	○	ANODE	○
○	HYDRO	○		○	HYDRO	○	HYDRO	○
○	MTS	○		○	MTS	○	MTS	○
○	GAS	○		○	GAS	○	GAS	○
○	TESTHOLE	○		○	TESTHOLE	○	TESTHOLE	○
○	LAMP STANDARD	○		○	LAMP STANDARD	○	LAMP STANDARD	○
○	TREE	○		○	TREE	○	TREE	○

LOCATION APPROVED
UNDERGROUND STRUCTURES
SUPR. 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.

NO.	REVISIONS	YYMMDD	BY
0	ISSUED FOR TENDER	10/05/18	JP
A	ISSUED FOR REVIEW	10/05/10	GSK

AECOM
DESIGNED BY GSK
CHECKED BY GSK
DRAWN BY JP
APPROVED BY KWF
HOR. SCALE 1:250
VERT. SCALE 1:50
RELEASED FOR CONSTRUCTION S. COURNOYER
DATE 10/05/18

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY K.W. FITCHETT
2010/05/18
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO. 060150689_01-C-1006_R0.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2010 WATERMAIN RENEWALS CONTRACT 5
STEWART STREET STATION 2+20 TO PORTAGE AVENUE
SHEET 6 OF 9
CITY DRAWING NUMBER D-12051
REV 0
BID OPPORTUNITY NO. 408-2010