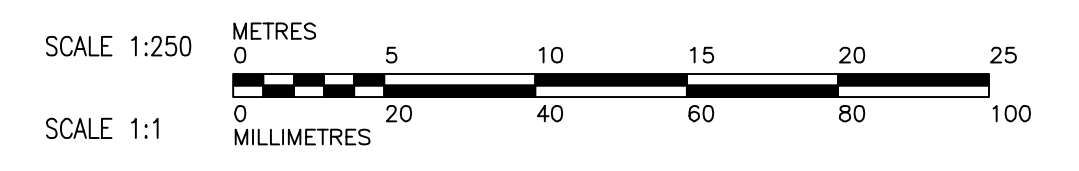


ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)			POSITION OF CC (corp)			COMMENTS:
					Long	Short	of	Long	Short	of	
520 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (4.6 m) N	Short: (4.6 m) N	of SL HOUSE	Long:	Short:	of	
519 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (2.6 m) N	Short: (2.6 m) N	of SL HOUSE	Long: (1.4 m) S	Short: (1.4 m) S	of HYD OPP 520 STEWART	
516 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (2.1 m) N	Short: (2.1 m) N	of SL HOUSE	Long:	Short:	of	
515 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (1.0 m) S	Short: (1.0 m) S	of NL HOUSE	Long: OPP	Short: OPP	of SC	RENEW TO PROPERTY
512 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (2.4 m) N	Short: (2.4 m) N	of SL HOUSE	Long: (0.6 m) N	Short: (0.6 m) N	of SC	
511 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (16.0 m) S	Short: (5.8 m) S	of NL HOUSE	Long:	Short:	of	
509 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (8.7 m) S	Short: (8.7 m) S	of NL HOUSE	Long:	Short:	of	
508 STEWART ST	RESIDENTIAL	1/2 in (13 mm)	LEAD		Long: (43.6 m) S	Short: (5.5 m) S	of NL HOUSE	Long:	Short:	of	RENEW TO PROPERTY
505 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (5.1 m) S	Short: (5.1 m) S	of NL HOUSE	Long:	Short:	of	
502 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (2.2 m) N	Short: (2.2 m) N	of SL HOUSE	Long:	Short:	of	
501 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (34.4 m) N	Short: (5.3 m) S	of NL HOUSE	Long:	Short:	of	
496 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (7.1 m) N	Short: (7.1 m) N	of SL HOUSE	Long: OPP	Short: OPP	of SC	
495 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (2.0 m) S	Short: (2.0 m) S	of NL HOUSE	Long:	Short:	of	
492 STEWART ST	RESIDENTIAL	3/4 in (19 mm)	COPPER		Long: (10.4 m) N	Short: (1.2 m) S	of NL HOUSE	Long:	Short:	of	

- CONSTRUCTION NOTES:**
- EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 - INSTALL WATERMAIN BY TRENCHLESS METHODS.
 - ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
 - INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm TO 150mm ABOVE FINISHED GRADE.
 - REPLACE ALL EXISTING LEAD SERVICES FROM THE PROPOSED WATERMAIN TO PROPERTY LINE.
 - NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWN OR DISRUPTION OF SERVICE.
 - LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.
 - 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.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



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

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

BID OPPORTUNITY NO. 408-2010

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM	150 WM	WATERMAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●	○	MANHOLE	●
□	CATCH BASIN	■	□	CATCH BASIN	■
△	CURB INLET	▲	△	CURB INLET	▲
▭	CULVERT	▭	▭	CULVERT	▭
—	PIPE ABANDONMENTS	—	—	PIPE ABANDONMENTS	—
+	SURVEY BAR	+	+	SURVEY BAR	+
⊕	HYDRANT	⊕	⊕	HYDRANT	⊕
⊕	VALVE	⊕	⊕	VALVE	⊕
⊕	REDUCER	⊕	⊕	REDUCER	⊕
⊕	COUPLING	⊕	⊕	COUPLING	⊕
⊕	ANODE	⊕	⊕	ANODE	⊕
⊕	MTS	⊕	⊕	MTS	⊕
⊕	GAS	⊕	⊕	GAS	⊕
⊕	TESTHOLE	⊕	⊕	TESTHOLE	⊕
⊕	LAMP STANDARD	⊕	⊕	LAMP STANDARD	⊕
⊕	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
DRAWN BY JP
HOR. SCALE 1:250
VERT. SCALE 1:50
DATE 10/05/05

CHECKED BY GSK
APPROVED BY KWF
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-1005_R0.dwg

THE CITY OF WINNIPEG
Winnipeg
WATER AND WASTE DEPARTMENT
2010 WATERMAIN RENEWALS
CONTRACT 5
STEWART STREET
ALLARD AVENUE TO STATION 2+20

SHEET 5 OF 9
CITY DRAWING NUMBER
D-12050
REV 0