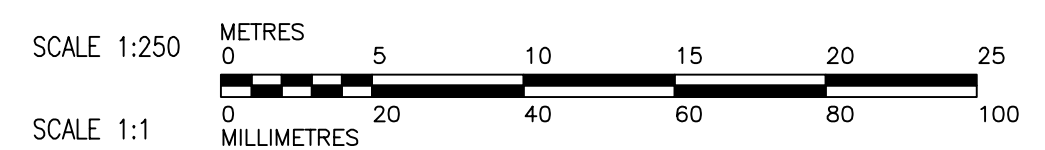


WARNING

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 140/02 FOR DETAILS

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. BACKFILL UNDER PAVEMENT ON TACHE AVENUE SHALL BE CLASS 1.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



BID OPPORTUNITY NO. 135-2012

150 WM	WATERMAIN	150 WM	150 WM	CURB STOP	150 WM	WATERMAIN	150 WM
HYDRANT	HYDRANT	REDUCER	REDUCER	HYDRANT	HYDRANT	HYDRANT	HYDRANT
VALVE	VALVE	COUPLING	COUPLING	VALVE	VALVE	VALVE	VALVE
300 LDS LAND DRAINAGE SEWER	300 LDS LAND DRAINAGE SEWER	ANODE	ANODE	300 LDS LAND DRAINAGE SEWER	300 LDS LAND DRAINAGE SEWER	300 LDS LAND DRAINAGE SEWER	300 LDS LAND DRAINAGE SEWER
250 WWS WASTE WATER SEWER	250 WWS WASTE WATER SEWER	HYDRO	HYDRO	250 WWS WASTE WATER SEWER	250 WWS WASTE WATER SEWER	250 WWS WASTE WATER SEWER	250 WWS WASTE WATER SEWER
MANHOLE	MANHOLE	MTS	MTS	PAVEMENT CROWN	PAVEMENT CROWN	PAVEMENT CROWN	PAVEMENT CROWN
CATCH BASIN	CATCH BASIN	GAS	GAS	N/W PROPERTY LINE	N/W PROPERTY LINE	N/W PROPERTY LINE	N/W PROPERTY LINE
CURB INLET	CURB INLET	TESTHOLE	TESTHOLE	S/E PROPERTY LINE	S/E PROPERTY LINE	S/E PROPERTY LINE	S/E PROPERTY LINE
CULVERT	CULVERT	LAMP STANDARD	LAMP STANDARD	N/W GUTTER	N/W GUTTER	N/W GUTTER	N/W GUTTER
PIPE ABANDONMENTS	PIPE ABANDONMENTS	TREE	TREE	S/E GUTTER	S/E GUTTER	S/E GUTTER	S/E GUTTER
SURVEY BAR	SURVEY BAR	PREVIOUS WM REPAIRS	PREVIOUS WM REPAIRS				
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE

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.

BM	34-016	S.E. Cor. Tache Ave. & Run Messenger, Tbl. in N. Conc. Foundation of WWS, Waterworks Booster Pumping Station, 3.0 m E. & 0.2 m below curb of N.W. Cor. of Bldg.
ELEV.	230.003m	
NO.	REVISIONS	DATE BY
0	ISSUED FOR CONSTRUCTION	12/03/06 JP
A	ISSUED FOR REVIEW	12/02/17 JP

AECOM

DESIGNED BY: GSK
DRAWN BY: JP
CHECKED BY: FMI
APPROVED BY: BTW
HOR. SCALE: 1:250
VERT. SCALE: 1:50
DATE: 2012/03/06

RELEASED FOR CONSTRUCTION
KAS ZUREK
DATE: 2012/03/06

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
K.W. FITCHETT
REGISTERED PROFESSIONAL ENGINEER
MARCH 6, 2012
CONSULTANT DRAWING NO.
60239330-01-C-107-ROX.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2012 WATERMAIN RENEWALS CONTRACT 1

TACHE AVENUE
8m NORTH OF DE LA CATHEDRALE AVENUE TO RUE MASSON

SHEET 8 OF 11
CITY DRAWING NUMBER
REV 0
D-12872