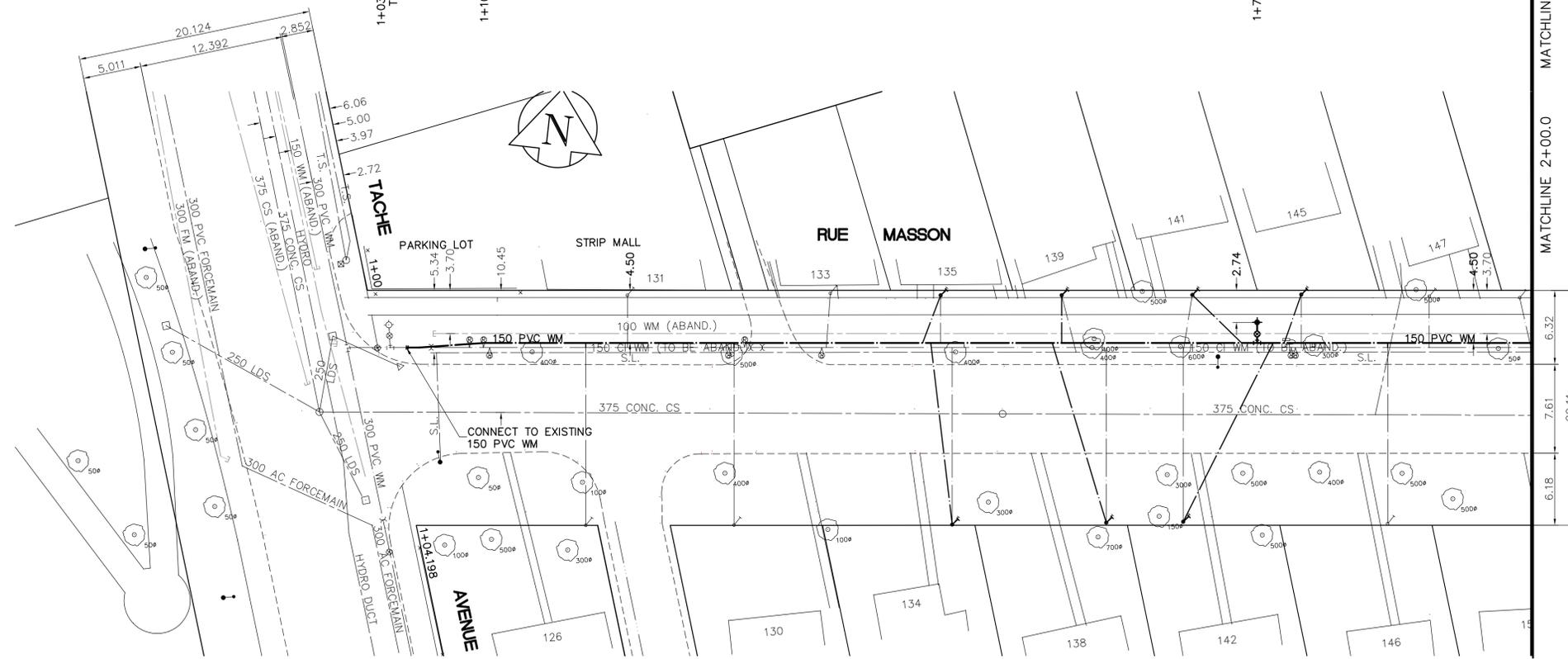
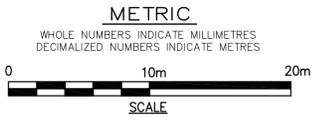


- CONSTRUCTION NOTES**
1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
 5. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm-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. ALL VALVES SHALL BE BLACK TOP (CLOCKWISE TO CLOSE).
 10. 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.



APEGM
 Certificate of Authorization
 Earth Tech Canada Inc.
 No. 730



ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
147 MASSON ST	RESIDENTIAL	19 mm	COPPER	0.3 m	PROPERTY		
146 MASSON ST	RESIDENTIAL	19 mm	COPPER	8.5 m	BUILDING		
145 MASSON ST	RESIDENTIAL	19 mm	COPPER	7.0 m	BUILDING		
142 MASSON ST	RESIDENTIAL	19 mm	COPPER	9.8 m	BUILDING		
141 MASSON ST	RESIDENTIAL	19 mm	COPPER	5.2 m	BUILDING		

ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
139 MASSON ST	RESIDENTIAL	19 mm	COPPER	3.0 m	BUILDING		
138 MASSON ST	RESIDENTIAL	19 mm	COPPER	8.5 m	BUILDING		
135 MASSON ST	RESIDENTIAL	19 mm	COPPER	4.6 m	BUILDING		
134 MASSON ST	RESIDENTIAL	19 mm	COPPER	7.6 m	BUILDING		
133 MASSON ST	RESIDENTIAL	19 mm	COPPER	3.4 m	BUILDING		
131 MASSON ST	NOT IN USE	19 mm	COPPER		PROPERTY		
130 MASSON ST	RESIDENTIAL	19 mm	COPPER	8.2 m	BUILDING		
128 MASSON ST	RESIDENTIAL	19 mm	COPPER	7.6 m	BUILDING		

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	WATERMAIN	150 mm W.M.
Hydrant symbol	HYDRANT	Hydrant symbol	Telephone symbol	HYDRANT	Hydrant symbol
Valve symbol	VALVE	Valve symbol	Concrete symbol	VALVE	Valve symbol
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	Asphalt symbol	LAND DRAINAGE SEWER	300mm L.D.S.
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	Property line symbol	WASTE WATER SEWER	250mm W.W.S.
Manhole symbol	MANHOLE	Manhole symbol	Survey bar symbol	WASTE WATER SEWER	250mm W.W.S.
Catch basin symbol	CATCH BASIN	Catch basin symbol	Curb stop symbol	WASTE WATER SEWER	250mm W.W.S.
Curb inlet symbol	CURB INLET	Curb inlet symbol	Tree symbol	WASTE WATER SEWER	250mm W.W.S.
Junctions symbol	JUNCTIONS	Junctions symbol	Anode symbol	WASTE WATER SEWER	250mm W.W.S.
Culvert symbol	CULVERT	Culvert symbol	Concrete sidewalk symbol	WASTE WATER SEWER	250mm W.W.S.
Gas symbol	GAS	Gas symbol	Fence symbol	WASTE WATER SEWER	250mm W.W.S.

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPPLY 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.

B.M. ELEV. S.W. cor. Rue Dumoulin & Rue Langsdin, Tpt. in E. side of District No. 5 Police precinct in first conc. abutment below street level, 3.5m N. of SE corner of subgrade garage. D. 230.69m

EARTH TECH
 Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381

DESIGNED BY: GSK, GDL
 CHECKED BY: GSK

DRAWN BY: DKA
 APPROVED BY: KWF

ISSUED FOR TENDER: 2008/07/03 GSK
 ISSUED FOR REVIEW: 2008/06/19 GSK

HOR. SCALE: 1:250
 VERTICAL: 1:50

RELEASED FOR CONSTRUCTION BY: K. ZUREK
 DATE: 2008/07/03

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 ORIGINAL SIGNED BY: K.W. FITCHETT
 REGISTERED PROFESSIONAL ENGINEER
 2008/07/03

THE CITY OF WINNIPEG
 Winnipeg WATER AND WASTE DEPARTMENT

2008 WATERMAIN RENEWALS CONTRACT 5

RUE MASSON
 TACHE AVE. TO 157m W.OF RUE AULNEAU
 TACHE AVE. TO STA.2+00

SHEET 4 OF 12
 CITY DRAWING NUMBER: D-11454

CONSULTANT DRAWING NO. 104449-C04