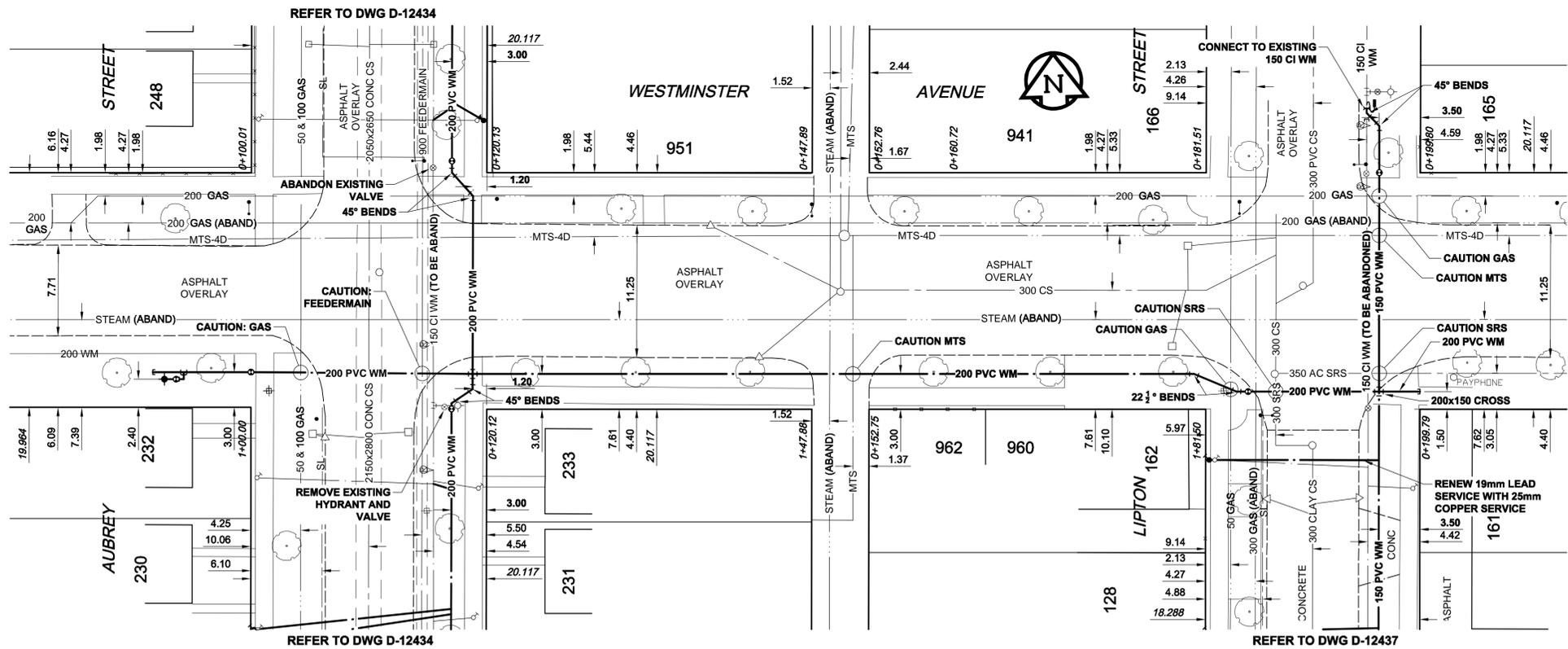


- CONSTRUCTION NOTES:**
1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION
 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM 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 WITHIN 1.5m OF THE 900 FEEDERMAIN SHALL BE MODIFIED CLASS 3 AS SPECIFIED IN E9.



NOTIFY ANDY VINCENT (CITY OF WINNIPEG) AT 986-3823 48 HOURS PRIOR TO EXCAVATION NEAR FEEDERMAIN

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

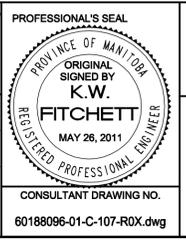


150 WM	WATERMAIN	150 WM	CURB STOP	150 WM	WATERMAIN	150 WM
○	HYDRANT	○	REDUCER	+	HYDRANT	+
○	VALVE	○	COUPLING	+	VALVE	+
○	300 LDS LAND DRAINAGE SEWER	○	ANODE	+	300 LDS LAND DRAINAGE SEWER	+
○	250 WWS WASTE WATER SEWER	○	MTS	+	250 WWS WASTE WATER SEWER	+
○	MANHOLE	○	GAS	+	PAVEMENT CROWN	+
○	CATCH BASIN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

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	DATE	BY
0	ISSUED FOR TENDER	11/05/26	GL
A	ISSUED FOR REVIEW	11/05/19	JP

DESIGNED BY	GSK	CHECKED BY	FMI
DRAWN BY	JP	APPROVED BY	CCM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	KAS ZUREK
VERT. SCALE	1:50	DATE	2011/05/26



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2011 WATERMAIN RENEWALS CONTRACT 4

WESTMINSTER AVENUE AUBREY STREET TO LIPTON STREET

SHEET 6 OF 7
CITY DRAWING NUMBER D-12436
REV 0

BID OPPORTUNITY NO. 451-2011