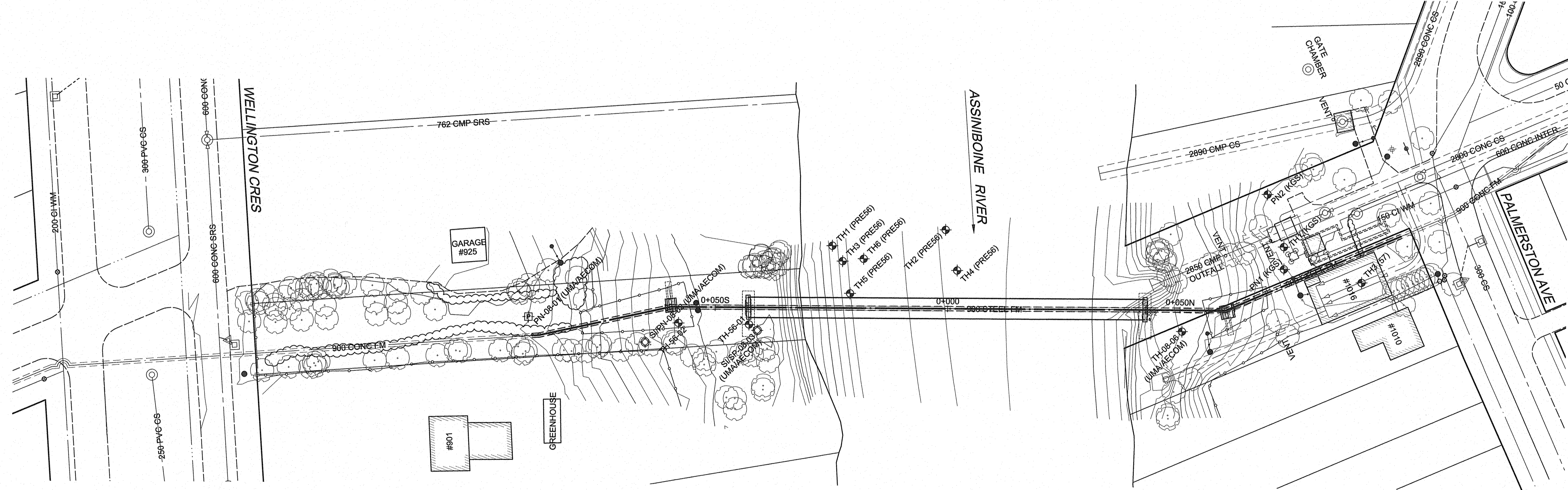
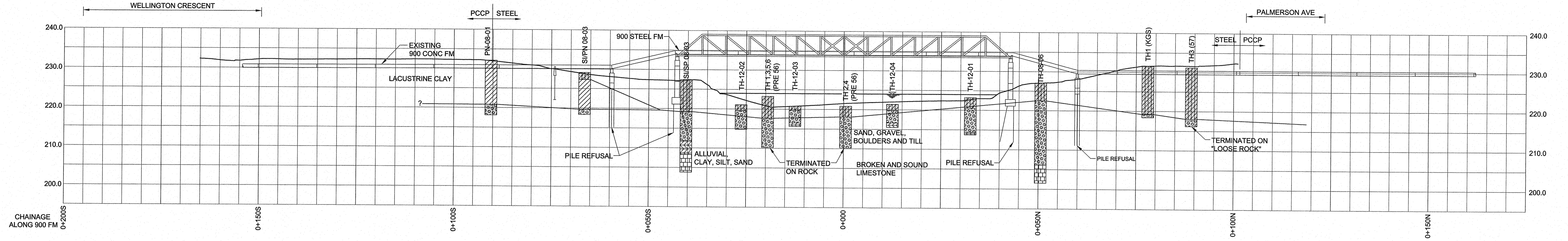


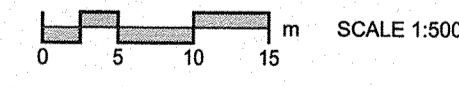
LEGEND

	ALLUVIAL CLAY, SILT, SAND		BEDROCK, BROKEN
	LACUSTRINE CLAY		BEDROCK, SOUND
	SAND, GRAVEL, BOULDERS AND TILL		EXISTING GROUND PROFILE



- TEST HOLE SUMMARY**
- TH 1 TO 6 (PRE 56) DRILLED PRIOR TO 1956 TO INVESTIGATE PROPOSED ROAD BRIDGE.
 - TH 1, 2 (PRE 56) AND 3 (57) DRILLED TO INVESTIGATE CONDITIONS FOR EXISTING FEEDERMAIN CROSSING.
 - (KGS) TEST HOLES AND INSTRUMENTATION BY KGS IN 2004.
 - (UMA) TEST HOLES AND INSTRUMENTATION BY UMA IN 2008 TO INVESTIGATE ALTERNATIVE FEEDERMAIN CROSSING OPTION.
 - PN - PNEUMATIC PIEZOMETER
 - AP - STAND PIPE PIEZOMETER
 - SI - SLOPE INCLINOMETER

PLAN / PROFILE



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 01/Nov/2012

BID OPPORTUNITY NO. 830-2012

	150 WM		150 WM		CURB STOP		150 WM		150 WM
	HYDRANT		VALVE		REDUCER		COUPLING		ANODE
	300 LDS		300 LDS		WASTE WATER SEWER		250 WWS		250 WWS
	MANHOLE		CATCH BASIN		CURB INLET		CULVERT		PIPE ABANDONMENTS
	SURVEY BAR		EXISTING		NEW		EXISTING		NEW

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

1	RE-ISSUED FOR CONSTRUCTION	12/10/24	WJD
0	ISSUED FOR CONSTRUCTION	11/05/09	LJV
NO.	REVISIONS	YY/MM/DD	BY

AECOM

DESIGNED BY: RB
CHECKED BY: FK

DRAWN BY: LJV
APPROVED BY: [Signature]

HOR. SCALE: 1:500
VERT. SCALE: 1:500

RELEASED FOR CONSTRUCTION
DATE: _____

PROFESSIONAL'S SEAL
F.S. KHALIL
Member 31366
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO. D265-230-02_01-B-1001_RX.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

REHABILITATION / REPLACEMENT OF THE MID TOWN FEEDERMAIN AT THE ASSINIBOINE RIVER
GEOTECHNICAL
PROFILE AND TEST HOLE LOCATION PLAN

SHEET 15 OF 19
CITY DRAWING NUMBER
REV
D-12240