

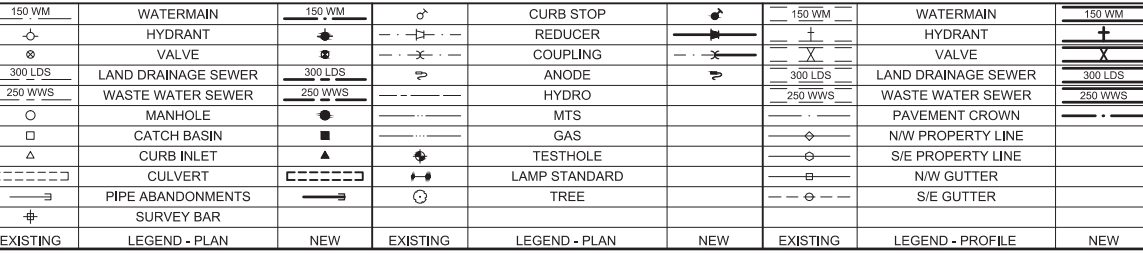
Appendix A

Site Drawings

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

PLAN
Scale 1:500
0 12.5 25 m

WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT, THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 140/92 FOR DETAILS



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES
SUPPR. 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.	ISSUED FOR INFORMATION	13/09/10	KLC
0	REVISIONS	YY/MM/DD	BY

AECOM

DESIGNED BY	ADB	CHECKED BY	
DRAWN BY	ADL	APPROVED BY	
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE	N/A		
DATE			

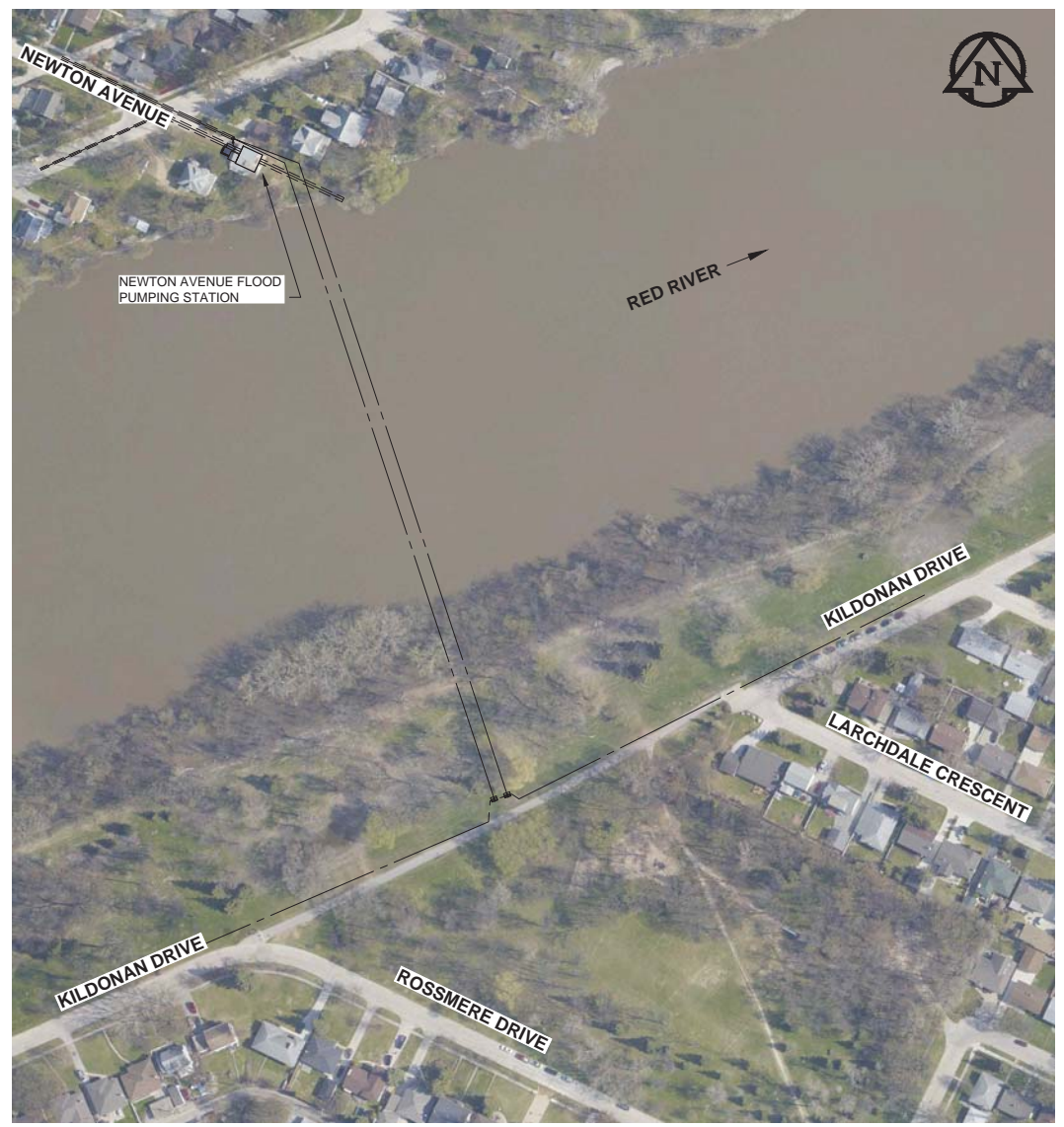
PROFESSIONAL'S SEAL
CONSULTANT DRAWING NO.
60270487-SHT-00-0000-C-0001

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

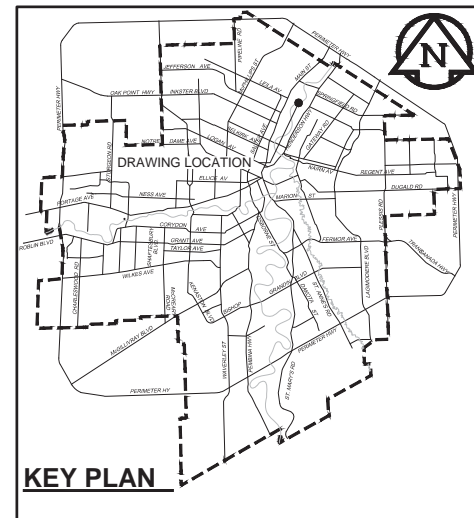
PROVISION OF PIPELINE CLEANING AND SUPPORT SERVICES FOR RIVER CROSSING INSPECTIONS

NEWTON AVENUE FORCEMAIN (Site 3a)

SHEET 01 OF 04
CITY DRAWING NUMBER
REV 0

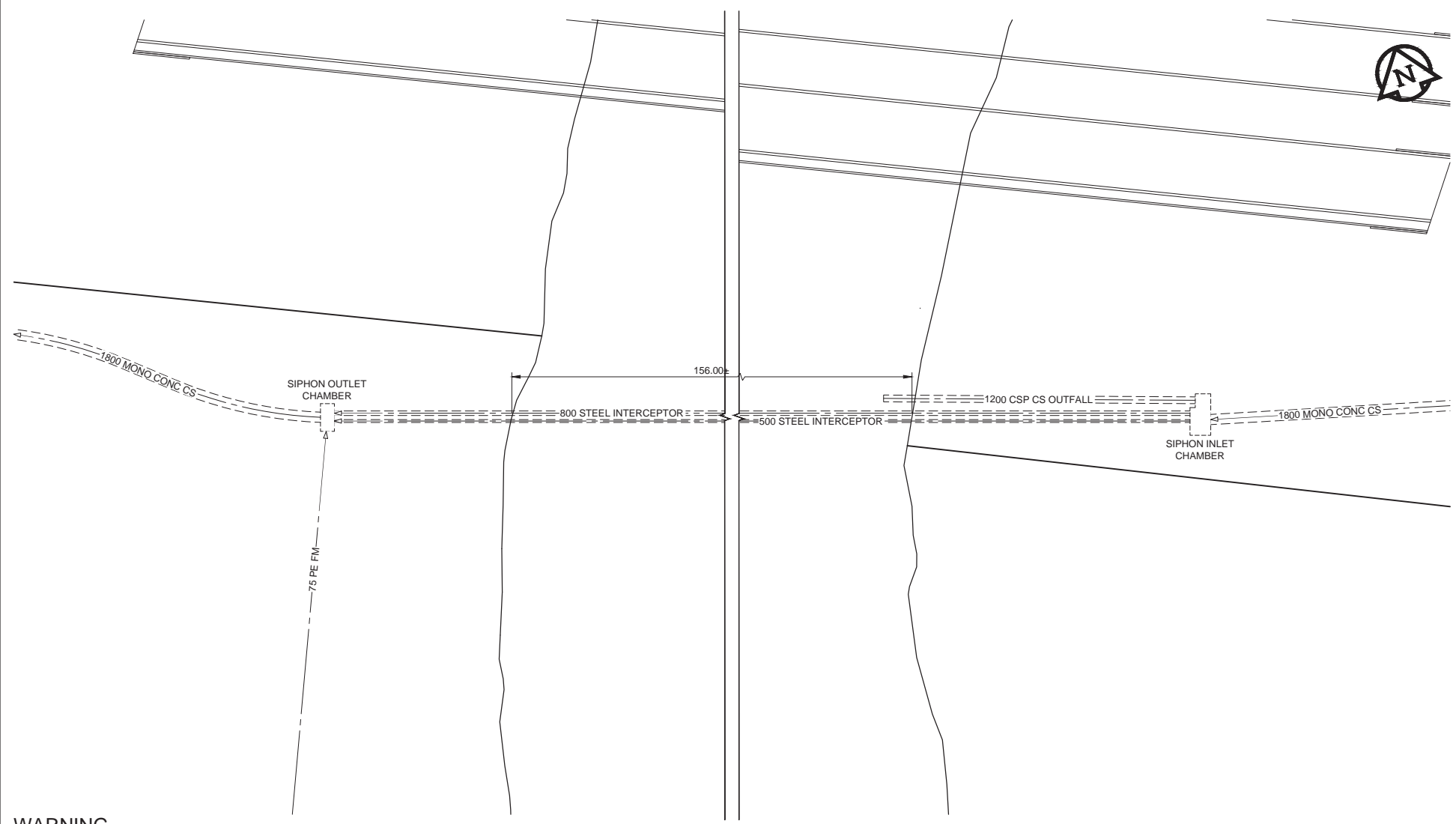


SITE PLAN
Scale 1:1500
0 37.5 75 m



FOR INFORMATION ONLY
BID OPPORTUNITY NO. XXX-XXXX

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:



PLAN
 Scale 1:500
 0 12.5 25 m

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

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

LOCATION APPROVED
 UNDERGROUND STRUCTURES
 SUPPR. U/G STRUCTURES DATE COMMITTEE
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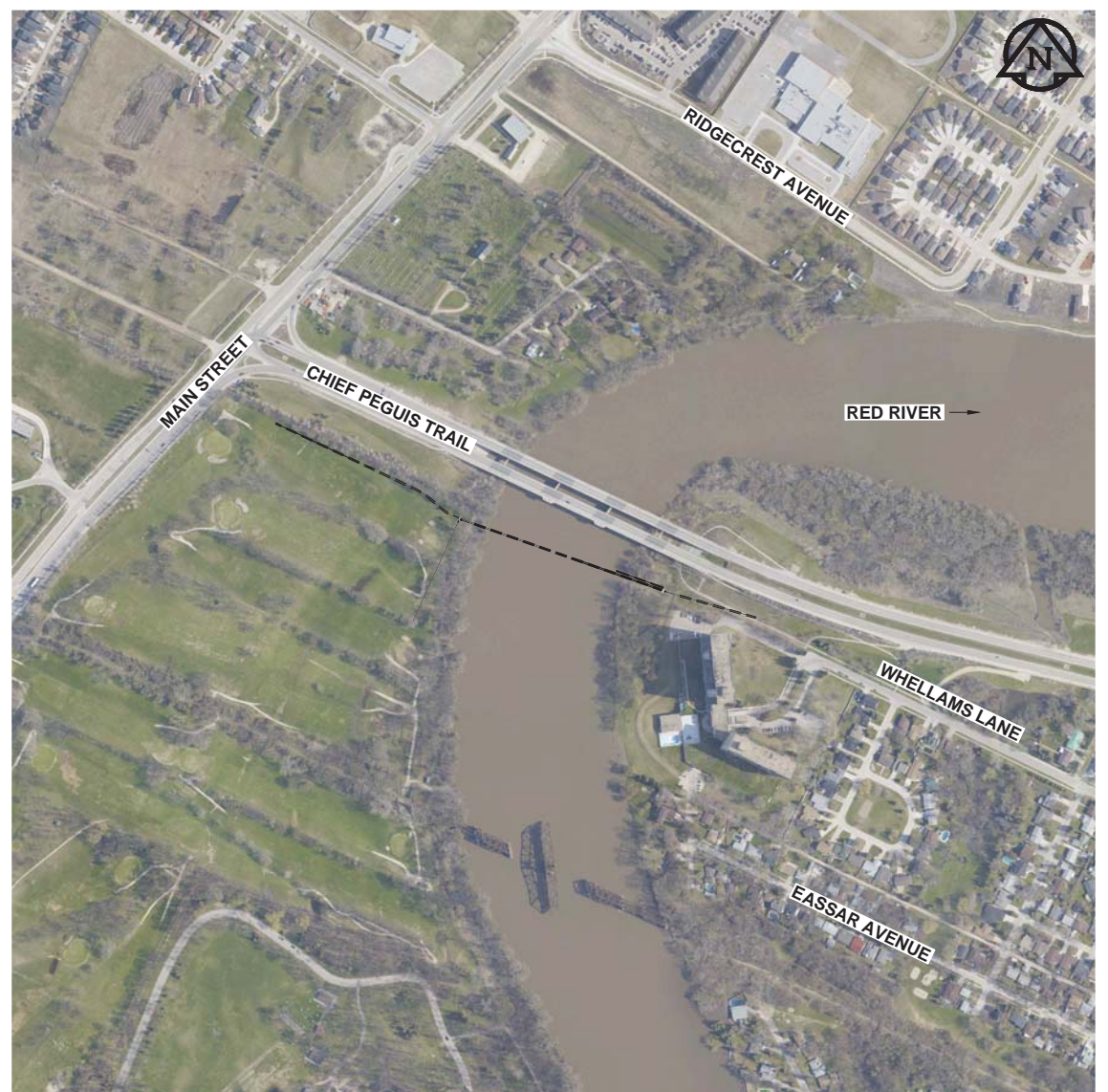
0	ISSUED FOR INFORMATION	13/09/10	KLC
NO.	REVISIONS	YY/MM/DD	BY

AECOM		DESIGNED BY	ADB	CHECKED BY	
		DRAWN BY	ADL	APPROVED BY	
		HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
		VERT. SCALE	N/A	DATE	

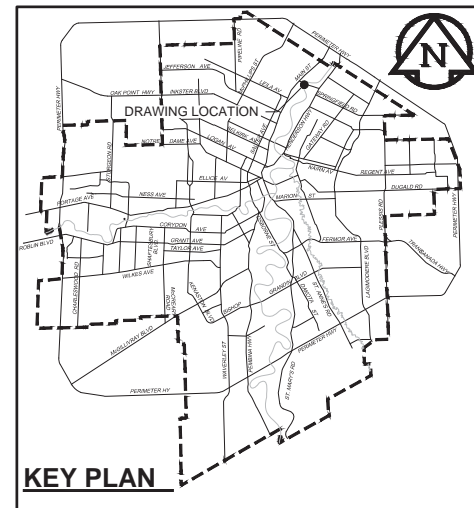
PROFESSIONAL'S SEAL
 APEGM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: _____

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 PROVISION OF PIPELINE CLEANING AND SUPPORT SERVICES FOR RIVER CROSSING INSPECTIONS
 NORTH EAST INTERCEPTOR SIPHON

SHEET	03	OF	04
CITY DRAWING NUMBER			
REV	---		0

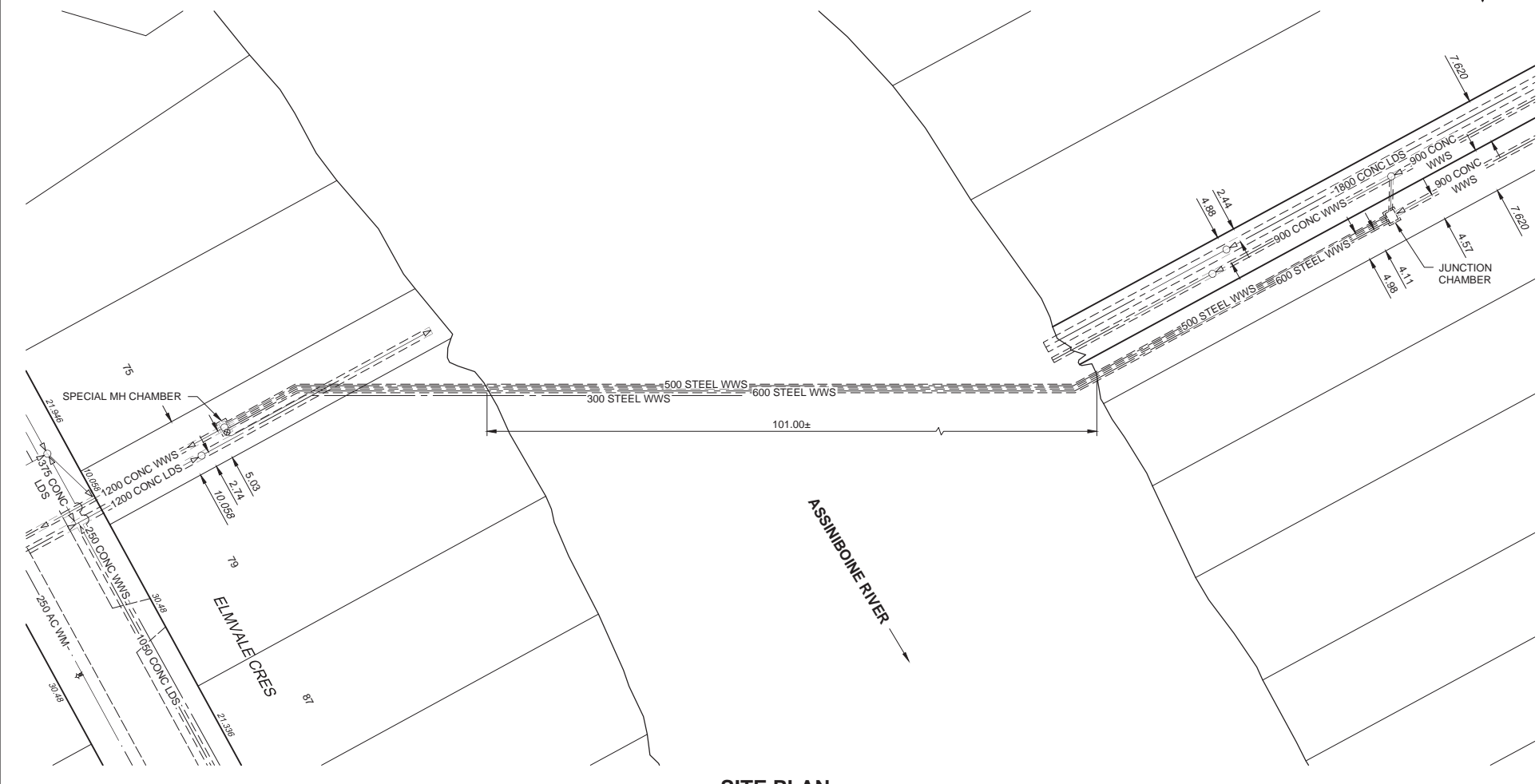


SITE PLAN
 Scale 1:4000
 0 100 200 m

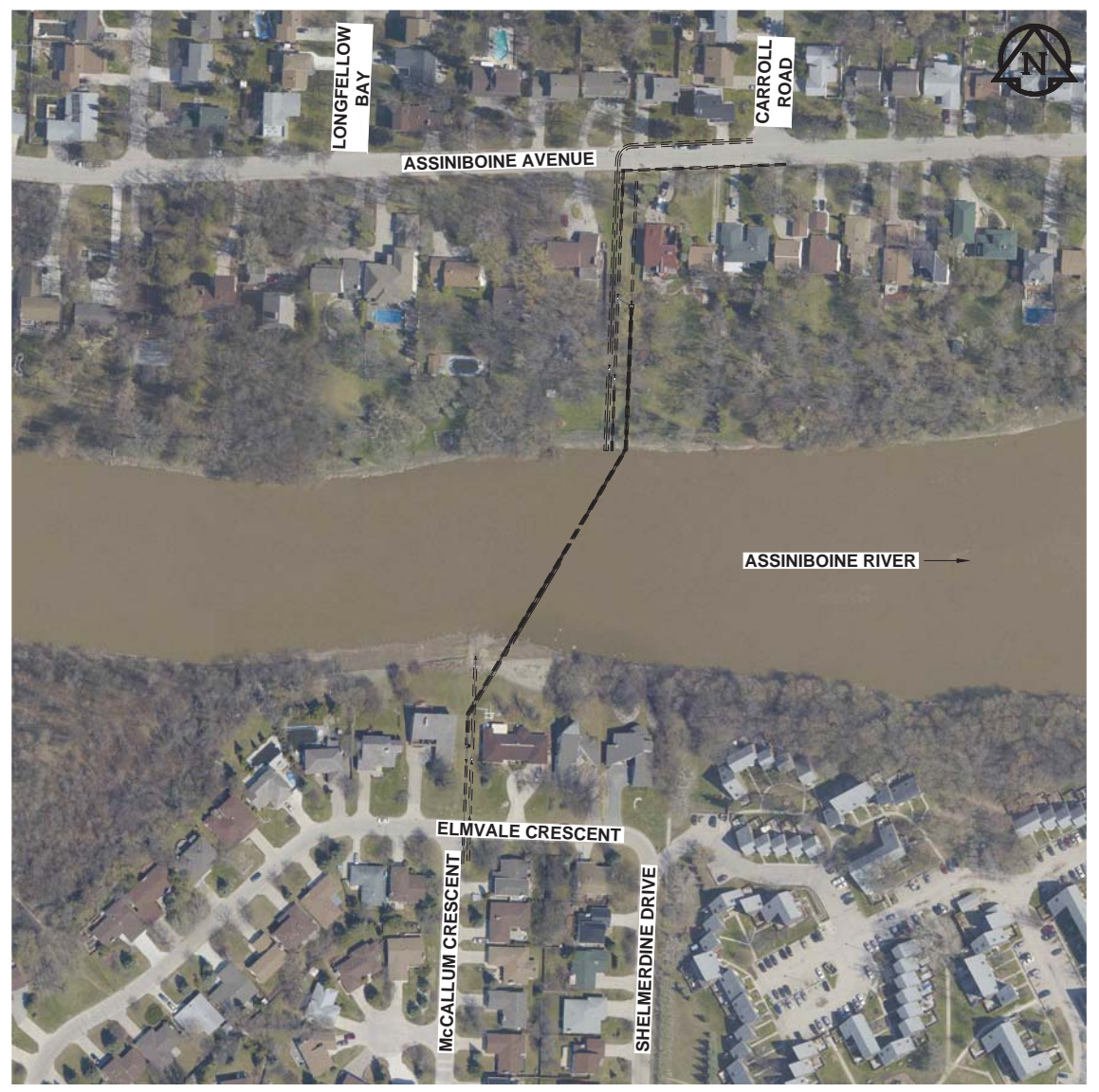


FOR INFORMATION ONLY

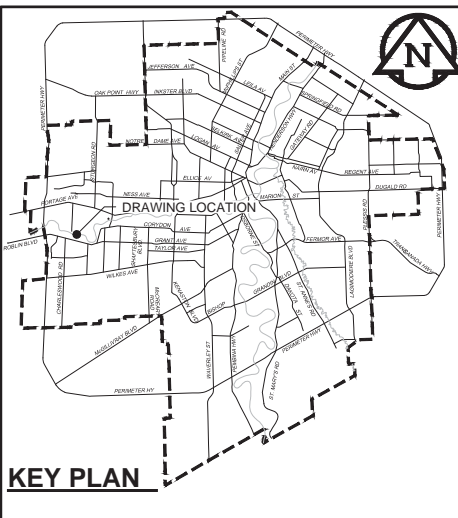
BID OPPORTUNITY NO. XXX-XXXX



SITE PLAN
 Scale 1:1500
 0 37.5 75 m



SITE PLAN
 Scale 1:1500
 0 37.5 75 m



KEY PLAN
 FOR INFORMATION ONLY
 BID OPPORTUNITY NO. XXX-XXXX

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

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NO.	REVISIONS	DATE	BY
0	ISSUED FOR INFORMATION	13/09/10	KLC

AECOM

DESIGNED BY: ADB
 CHECKED BY:
 DRAWN BY: ADL
 APPROVED BY:
 HOR. SCALE: AS NOTED
 VERT. SCALE: N/A
 DATE:

PROFESSIONAL'S SEAL
 CONSULTANT DRAWING NO.
 60270487-SHT-00-0000-C-0008

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

PROVISION OF PIPELINE CLEANING AND SUPPORT SERVICES FOR RIVER CROSSING INSPECTIONS
 ST. JAMES INTERCEPTOR SIPHON (Site 1a)

SHEET 04 OF 04
 CITY DRAWING NUMBER
 REV 0