



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 210/72 FOR DETAILS.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
UMA Engineering Ltd. (MB)
No. 256 Date: Oct 19, 2016

EXISTING		NEW		EXISTING		NEW		EXISTING		NEW	
LEGEND - PLAN				LEGEND - PLAN				LEGEND - PROFILE			
150 WM	WATER MAIN	150 WM		PIPE ABANDONMENTS		150 WM	WATER MAIN	150 WM		150 WM	WATER MAIN
○	HYDRANT	◆		—		+	HYDRANT	+		+	HYDRANT
⊙	VALVE	⊙		—		×	VALVE	×		×	VALVE
300 LDS	LAND DRAINAGE SEWER	300 LDS		—		300 LDS	LAND DRAINAGE SEWER	300 LDS		300 LDS	LAND DRAINAGE SEWER
250 WWS	WASTE WATER SEWER	250 WWS		—		250 WWS	WASTE WATER SEWER	250 WWS		250 WWS	WASTE WATER SEWER
---	SEWER SERVICE PIPE	SSP		—		---	PAVEMENT CROWN	---		---	PAVEMENT CROWN
---	DRAINAGE CONNECTION PIPE	---		—		---	N/W PROPERTY LINE	---		---	N/W PROPERTY LINE
○	MANHOLE	●		—		+	S/E PROPERTY LINE	+		+	S/E PROPERTY LINE
□	CATCH BASIN	■		—		○	N/W GUTTER	○		○	N/W GUTTER
△	CURB INLET	▲		—		○	S/E GUTTER	○		○	S/E GUTTER
≡	CULVERT	≡		—		○	TESTHOLE	○		○	TESTHOLE
---		---		—		---	LAMP STANDARD	---		---	LAMP STANDARD

UNDERGROUND STRUCTURES	
SUPV. U/G STRUCTURES	DATE

B.M. ELEV.			

AECOM

DESIGNED BY	MRP	CHECKED BY	AP
DRAWN BY	KLC	APPROVED BY	
HOR. SCALE	1:1500	RELEASED FOR CONSTRUCTION	
VERTICAL			

ENGINEER'S SEAL
PROVINCE OF MANITOBA
M.P.A. GAUDREAU
Member
8210746
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Waverley Street Underpass at CN Mile 3.89 Rivers Sub
Contract 1: Preliminary Underground Works and Security Fencing

GENERAL ARRANGEMENT DRAWING
CONTRACT 1

CITY DRAWING NUMBER: U239-2016-C1-CU-001
SHEET: 3 OF 9
CONSULTANT DRAWING NUMBER: C1-CU-001

CONSULTANT PROJECT NUMBER: 60321148

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