



GENERAL NOTES:

METAL FABRICATIONS:

- PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.
- MATERIAL: GALVANIZED STEEL
- WELDING: STEEL TO CSA W59-M1989.
- STEEL SECTIONS & PLATES: TO CAN3 G40.21-92 GRADE 300.
- HOLLOW STRUCTURAL SECTIONS: TO CAN3 G40.21-92 GRADE 350 CLASS C.

BACKFILL:

- BACKFILL BEHIND WING WALLS WITH 125 TOPSOIL, 200 CLAY COMPACTED TO 95% STANDARD PROCTOR DENSITY. BACKFILL REMAINDER WITH 20mm DOWN GRANULAR COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- CONSTRUCTION AREA TO BE GRADED, TOPSOIL ADDED & GRASS SOWN AS PER CW 3520-R3, CLAUSE 3.5.1.

CONSTRUCTION METHODS:

- DE-WATERING THE EX 1350mm LDS PIPE WILL BE REQUIRED.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

LOCATION APPROVED UNDERGROUND STRUCTURES			
SUPV. 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.			
NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	05/04/19	DL
A	ISSUED FOR CLIENT REVIEW	05/02/28	Wjd

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DESIGNED BY	GEB	CHECKED BY	URS
DRAWN BY	Wjd	APPROVED BY	R. FINGAS
HOR. SCALE:	AS NOTED	AUTHORIZED BY:	DATE
VERTICAL:	AS NOTED	R. FINGAS P. ENG.	05-04-19
DATE	05/04/19	BRIDGE PROJECTS ENGINEER	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
A. NAGY
April 19, 2005
CONSULTANT DRAWING NO.
4231-040-01-31

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

Winnipeg

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF
KENASTON BOULEVARD

LAND DRAINAGE SYSTEM
DITCH INLET - DETAILS & SECTIONS

BID OPPORTUNITY
No. 84-2005

Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2005

SHEET 31 OF 61
CAD FILE DRAWING NUMBER 01-C100L_RX
CITY DRAWING NUMBER P-3258-91

2019-04-19 09:00:00 31/31 Working Drawings V431-040-01-C100L_RX.dwg
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