



INTERMEDIATE LEVEL DESIGN LOADS (UNFACTORED)		
DEAD LOADS	STRUCTURE SELF WEIGHT	
LIVE LOADS	INTERMEDIATE LEVEL FLOOR	9.6 kPa
EARTH LOADS	LATERAL EARTH PRESSURE (H=DEPTH OF SOIL)	(6+15H) kPa
	SOIL UNIT WEIGHT	21 kN/m ³



UNDERGROUND STRUCTURES				B.M. ELEV.			
SUPV. U/G STRUCTURES	DATE						
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	DATE	BY	DATE	BY
2	ISSUED FOR ADDENDUM 4	17/02/22	KK				
1	ISSUED FOR ADDENDUM 2	17/02/03	KK				
0	ISSUED FOR TENDER	17/01/09	KK				
				06/01/2016		09/06/2016	



ENGINEER'S SEAL

PROVINCE OF MANITOBA

J.A. THOMPSON
Member
30632

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
60321148

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Waverley Street Underpass at CN Mile 3.89 Rivers Sub
Contract 2: Underpass Structure, Railworks, Roadworks, Land Drainage Sewer, Pumping Station and Landscaping Works

CITY DRAWING NUMBER
U-239-2016-C2-BS-102

SHEET 8 OF 16

CONSULTANT DRAWING NUMBER
C2-BS-102

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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