



WORKING POINT COORDINATES				
W.P. No.	LOCAL COORDINATE SYSTEM (GROUND DISTANCES)		UTM GRID COORDINATE SYSTEM (NAD 83 1990 ADJUSTMENT)	
	NORTHING	EASTING	NORTHING	EASTING
W.P. 1	1000.000	964.000	5523570.488	630874.732
W.P. 2	1000.000	982.000	5523573.494	630892.475
* W.P. 3	1000.000	1000.000	5523576.500	630910.218
W.P. 4	1000.000	1022.500	5523580.258	630932.397
W.P. 5	1000.000	1040.500	5523583.264	630950.140

* TO OBTAIN GROUND COORDINATES, DISTANCES DERIVED FROM UTM COORDINATES WERE DIVIDED BY THE "COMBINED SCALE FACTOR" AND SCALED ABOUT WP.3.
- COMBINED SCALE FACTOR = 0.99977824

NOTE:
REFER TO SHEET C2-CT-007 FOR CONTROL POINT INFORMATION.

NOTE:
THE SOIL SUBSURFACE ELEVATIONS SHOWN ON THE DRAWING ARE APPROXIMATE ONLY, REFER TO THE TEST HOLE LOGS AND ALL OTHER AVAILABLE INFORMATION TO GAIN MORE KNOWLEDGE ABOUT THE SURFACE AND SUBSURFACE CONDITIONS.

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2017/01/09

NO.	REVISIONS	DATE	BY	DATE
2	ADDENDUM #5	17/03/01	RE	
1	ADDENDUM #1	17/01/25	RE	
0	ISSUED FOR TENDER	17/01/09	RE	

DILLON CONSULTING

DESIGNED BY: RE
DRAWN BY: CGC
CHECKED BY: SSR
APPROVED BY: DBW
HOR. SCALE: AS SHOWN
VERTICAL: AS SHOWN
RELEASED FOR CONSTRUCTION

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.B. ERIC
Member 22665
REGISTERED PROFESSIONAL ENGINEER

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-CS-003
SHEET 003 OF 085
CONSULTANT DRAWING NUMBER: C2-CS-003

GENERAL ARRANGEMENT OF BRIDGE

CONSULTANT PROJECT NUMBER: 16-3353

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