



NOTE:
STOP SIGNS, CROSSBUCKS AND RAILWAY CROSSING SIGNAGE NOT SHOWN. CONTRACTOR SHALL INSTALL STOP SIGNS AND CROSSBUCKS IN EACH DIRECTION IN ACCORDANCE WITH THE LATEST VERSION OF THE TRANSPORT CANADA GRADE CROSSING STANDARDS. SEE SHEET 5 FOR DETAILS.

NOTES

- AQUEDUCT AND FEEDERMAIN**
- CAUTION SHALL BE USED DURING CONSTRUCTION TO ENSURE THE AQUEDUCT AND FEEDERMAIN ARE NOT DAMAGED.
 - WHEN EXCAVATING WITHIN 1500mm FROM THE TOP OF THE AQUEDUCT, SOFT DIG METHODS SHALL BE USED.
 - HEAVY MACHINERY SHALL NOT CROSS THE AQUEDUCT OR FEEDERMAIN AT ANY TIME DURING THE COURSE OF CONSTRUCTION.
 - HEAVY MACHINERY OR EQUIPMENT SHALL NOT BE STORED ON TOP OF THE AQUEDUCT OR FEEDERMAIN.
 - THE CONTRACTOR SHALL ENSURE BOTH PIPES ARE ACCURATELY LOCATED PRIOR TO UNDERTAKING ANY CONSTRUCTION ACTIVITIES.
 - SALVAGED RAILS SHALL NOT BE STORED DIRECTLY ON TOP OF EX. AQUEDUCT OR UNDERDRAIN.
 - REFER TO THE SPECIFICATIONS FOR COMPLETE INFORMATION REGARDING WORKING NEAR CRITICAL WATER INFRASTRUCTURE.

WORK POINT LOCATION				
BM.	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM-1	5526476.824	640921.661	232.625	IRON BAR
BM-2	5526490.636	640922.954	234.057	TOP OF HYDRANT
WP-1	5526464.435	640905.536	232.707	SU.1 - CENTER OF NORTH ABUTMENT
WP-2	5526470.359	640903.398	232.790	SU.2 - CENTER OF SOUTH ABUTMENT

BENCHMARK: N.W. Cor. of Mazenod Rd. & G.W.W.D. R.O.W., 19 mm dia. x 4.6 m I.B. in Valve Box, 3.0 m W. of W.L. of Mazenod Rd. & 4.0 m N. of N. rail of tracks in G.W. W.D. R.O.W.

- Legend**
- PROPOSED ROAD
 - FUTURE ROAD
 - PROPERTY LINE
 - UNDER WATERLINE
 - UNDERGROUND SEWER
 - PROPOSED ELEVATION
 - EX. ELEVATION

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

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
1	RE-ISSUED FOR TENDER	22.05.17	J.M.B.
0	ISSUED FOR TENDER	20.07.23	J.M.B.

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DESIGNED BY: E.R.T. CHECKED BY: S.S.Y.
DRAWN BY: J.M.B. APPROVED BY: E.R.T.

HOR. SCALE: AS NOTED
VERTICAL: _____

RELEASED FOR CONSTRUCTION: _____
DATE: 2022.05.13

ENGINEER'S SEAL
CONSULTANT DRAWING NO. S-101

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

ST. BONIFACE INDUSTRIAL PARK - PHASE 2
RAY MARIUS ROAD AQUEDUCT BRIDGE
GENERAL ARRANGEMENT

SHEET 2 OF 5
CAD FILE DRAWING NUMBER 09351s-101-918.dwg
CITY DRAWING NUMBER B-254-20-02