



APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: DEC. 17/14

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:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
- A MINIMUM VERTICAL SEPARATION OF 300 mm FROM GAS MAINS AND 100 mm FROM GAS SERVICE MUST BE MAINTAINED BETWEEN ANY MANITOBA HYDRO FACILITY AND ANY NEW INSTALLATIONS.
- A MINIMUM 900 mm OF COVER SHALL BE MAINTAINED IN ALL AREAS WHERE EQUIPMENT WILL BE CROSSING, TRAVELING OR COMPACTING OVER THE HIGH PRESSURE GAS MAINS.
- IF EQUIPMENT MUST CROSS, TRAVEL, OR COMPACT OVER THE GAS MAIN WITH LESS THAN THE MINIMUM DEPTH COVER, EARTH BRIDGING OR STEEL PLATES SHALL BE PLACED OVER THE MAIN AND EXTEND A MINIMUM OF 1.0 METRE ON EITHER SIDE AT EACH CROSSING LOCATION.

TRAFFIC SIGN LIST	
SIGN TYPE	QUANTITY
WA-24	2
WA-24S	2
RB1-30	2
TC-17	2
WA-3L	2
WA-3R	2
H-315L	2
H-315R	2

150 WM	150 WM	MTS	M.T.S.	MTS	150 mm W.M.	150 mm W.M.	150 mm W.M.
HYDRANT	HYDRANT	MTS	CONCRETE	MTS	WATERMAIN	150 mm W.M.	HYDRANT
VALVE	VALVE	MTS	ASPHALT	MTS	WATERMAIN	150 mm W.M.	VALVE
300 LDS	300 LDS	MTS	PLANNING	MTS	LAND DRAINAGE SEWER	300 mm L.D.S.	300 mm L.D.S.
250 WWS	250 WWS	MTS	PAVING STONES	MTS	WASTE WATER SEWER	250 mm W.W.S.	250 mm W.W.S.
MANHOLE	MANHOLE	MTS	PROPERTY LINE	MTS	NORTH/WEST GUTTER	---	---
CATCH BASIN	CATCH BASIN	MTS	SURVEY BAR	MTS	SOUTH/EAST GUTTER	---	---
TEST HOLES	TEST HOLES	MTS	CURB RAMP	MTS	NORTH/WEST T/LANE	---	---
JUNCTIONS	JUNCTIONS	MTS	DITCH	MTS	SOUTH/EAST T/LANE	---	---
CULVERT	CULVERT	MTS	SWALE	MTS	---	---	---
100 GAS	100 GAS	MTS	---	MTS	---	---	---
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

UNDERGROUND STRUCTURES
SUPPLY 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.

B.M.	N:	ELEV.	E:	ELEV.
0	ISSUED FOR TENDER	14/12/17	GCL	
NO.	REVISIONS	DATE	BY	DATE

DESIGNED BY: GCL
DRAWN BY: PMW
CHECKED BY: GCL
APPROVED BY: MBL
HOR. SCALE: 1:750
VERTICAL: 1:30

DESIGN TEAM
DILLON CONSULTING
RELEASED FOR CONSTRUCTION
DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
G.C. LOEPKY
DECEMBER 17, 2014
Member 24656
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT PROJECT NUMBER
13-8363

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
BRIDGE AT FALCON RIVER DIVERSION & ASSOCIATED ROADWORKS
ROADWORKS CROSS SECTIONS AND SIGNAGE
CITY DRAWING NUMBER
SHEET 13 OF 13
CONSULTANT DRAWING NUMBER