



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 21072 FOR DETAILS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES.

CONSTRUCTION NOTES:

1. SEWER INSTALLATION BY TRENCHLESS OR OPEN CUT METHODS EXCEPT WHERE TRENCHLESS INSTALLATION IS SPECIFICALLY INDICATED.
2. LOCATION OF EXISTING UTILITIES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
3. CONTRACTOR TO PLUG ALL CB LEAD JUNCTIONS AND TO RECORD COORDINATES OF THEIR LOCATIONS.
4. ALL ABANDONED BUILDING FOUNDATIONS IN THE PATH OF LDS CONSTRUCTION TO BE REMOVED BY CONTRACTOR.
5. CONTRACTOR TO PLUG ANY ABANDONED PIPES THAT ARE BROKEN DURING CONSTRUCTION.
6. OPEN-CUT EXCAVATIONS TO BE STRAIGHT WALLED SHAFTS SUPPORTED BY SHORING GAGES.
7. CONTRACTOR TO RESTORE CN SERVICE ROAD TO EQUAL OR BETTER THAN ORIGINAL CONDITION.

NOTE: CHAINAGES SHOWN ARE ALONG CL OF PIPE.

COORDINATES		RIM ELEV.	#	STATION	INVERT			
NORTHING	EASTING				N	S	E	W
5525728.290	633499.321	232.419	MH26	0+973.13		227.700	227.670	
5525728.324	633538.327	232.535	MH27	1+012.13	227.534		227.564	
5525794.139	633561.557	232.941	MH28	1+081.93		227.343	227.313	
5525831.469	633532.230	232.401	MH29	1+129.40	227.153		227.183	
5525888.098	633529.696	232.805	MH30	1+188.08	226.968		226.999	

NOTE: ALL COORDINATES SHOWN ON DRAWINGS ARE NAD 83 UTM COMBINED SCALE FACTOR TO OBTAIN GROUND DISTANCES 0.9997688

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 25/02/09

LOCATION APPROVED UNDERGROUND STRUCTURES
ORIGINAL SIGNED BY DERRICK SAEDEL 23/02/09
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.

B.M. 654265 (633392.694, 5525026.192) ELEV. 232.518	DESIGNED BY C.L.P.
	DRAWN BY A.J.P.
	CHECKED BY ORIGINAL SIGNED BY SHANE COOPER
	APPROVED BY ORIGINAL SIGNED BY DAVE KRAHN
2 ISSUED FOR TENDER 25/02/09 S.C.C.	HOR. SCALE 1 : 500
1 ISSUED FOR 95% REVIEW 02/02/09 C.L.P.	VERTICAL 1 : 50
NO. REVISIONS	DATE BY DATE 25-02-09

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY RANDY FINGAS

ENGINEER'S SEAL
PROVINCE OF MANITOBA
DESIGNED BY
D.P. KRAHN
25/02/09
Member
4226
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.
088813

THE CITY OF WINNIPEG TRANSIT DEPARTMENT

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1
LAND DRAINAGE CONSTRUCTION & ASSOCIATED WORKS

TUNNEL CS REROUTE - PLAN & PROFILE - STA. 0+950 TO 1+200

CITY DRAWING NUMBER
LD-5291

SHEET 14 OF 15

CONSULTANT DRAWING NUMBER
C1-U4010

C:\CAD\088813\Contract\Contract 1-LDS-Jubilee to Osborne\C1-414-CS-CN Undpass Re-route.dwg