

- CONSTRUCTION NOTES:**
- SEWER INSTALLATION BY TRENCHLESS OR OPEN CUT METHODS EXCEPT WHERE TRENCHLESS INSTALLATION IS SPECIFICALLY INDICATED.
 - LOCATION OF EXISTING UTILITIES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - CONTRACTOR TO PLUG ALL CB LEAD JUNCTIONS AND TO RECORD COORDINATES OF THEIR LOCATIONS.
 - ALL ABANDONED BUILDING FOUNDATIONS IN THE PATH OF LDS CONSTRUCTION TO BE REMOVED BY CONTRACTOR.
 - CONTRACTOR TO PLUG ANY ABANDONED PIPES THAT ARE BROKEN DURING CONSTRUCTION.
 - OPEN-CUT EXCAVATIONS TO BE STRAIGHT WALLED SHAFTS SUPPORTED BY SHORING CAGES.

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.

NOTE: CHAINAGES SHOWN ARE ALONG CL OF PIPE.

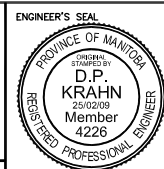
COORDINATES		RIM ELEV.	#	STATION	INVERT		
NORTHING	EASTING				N	S	E
5525793.177	633523.637	232.509	MH18	1+000.00	221.735		221.735
5525784.569	633561.135	233.040	MH18A	1+038.27	221.590		221.590
5525796.818	633565.281	233.010	MH19	1+051.27	221.541		221.541

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
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
HOR. SCALE 1 : 500
VERTICAL 1 : 50
RELEASED FOR CONSTRUCTION ORIGINAL SIGNED BY RANDY FINGAS
DATE 25-02-09

NO.	REVISIONS	DATE	BY
3	ISSUED FOR ADDENDUM	16/03/09	S.C.C.
2	ISSUED FOR TENDER	25/02/09	S.C.C.
1	ISSUED FOR 95% REVIEW	02/02/09	C.L.P.



THE CITY OF WINNIPEG TRANSIT DEPARTMENT

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

CITY DRAWING NUMBER LD-5290-R3
SHEET 13 OF 15
CONSULTANT DRAWING NUMBER C1-U4009

TUNNEL - PLAN & PROFILE - STA. 1+000 TO 1+050

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