



- 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	W
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	

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 SADEL 23/02/09
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. 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
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 - PLAN & PROFILE - STA. 1+000 TO 1+050

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

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