



- 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.
  - FUTURE SWALE ALONG WEST SIDE OF PROPOSED BUSWAY TO BE CONSTRUCTED BY OTHERS.
  - OPEN-CUT EXCAVATIONS TO BE STRAIGHT WALLED SHAFTS SUPPORTED BY SHORING CAGES.
  - CONTRACTOR TO RESTORE CN SERVICE ROAD TO EQUAL OR BETTER THAN ORIGINAL CONDITION.
  - BASEBALL FIELD TO BE RESODDED AFTER CONSTRUCTION.

**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.

NOTE: CHAINAGES SHOWN ARE ALONG CL OF PIPE.

COORDINATES		RIM ELEV.	#	STATION	INVERT			
NORTHING	EASTING				N	S	E	W
5524298.739	633012.929	232.629	MH03	1+210.00	228.480	228.510		
5524399.267	633057.580	233.366	MH04	1+320.00	228.110	228.260		
5524498.262	633092.581	233.214	MH05	1+425.00	227.870	227.900		

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  
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

FORT ROUGE YARDS - PLAN & PROFILE - STA. 1+180 TO 1+480

CITY DRAWING NUMBER  
LD-5283  
SHEET 6 OF 15  
CONSULTANT DRAWING NUMBER  
C1-U4002

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