



- 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.
 - CONTRACTOR TO SOFT DIG TO EXPOSE TOP OF PROPANE LINE.

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
5525641.944	633654.435	232.588	MH21	1+000.00	225.629		225.013	225.043
5525766.060	633557.111	232.610	MH20	1+137.84	226.073		226.043	

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



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

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

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

TRANSIT BASE 2 - PLAN & PROFILE - STA. 1+000 TO 1+200

CITY DRAWING NUMBER LD-5289
SHEET 12 OF 15
CONSULTANT DRAWING NUMBER C1-U4008

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