



- REFERENCE NOTES**
- BASILINE IS CENTRED BETWEEN NORTHBOUND AND SOUTHBOUND GUTTER BACK OF CURB LINE.
  - LEGAL PLAN - L.B.I.S.
  - ADD 200.000 TO OBTAIN GEODETIC DATUM.
  - PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
  - EARTH TECH FIELD BOOK NO. 4407.
- CONSTRUCTION NOTES**
- PLANE AND CONSTRUCT NEW ASPHALTIC CONCRETE OVERLAY.
  - CONSTRUCT NEW 200mm PLAIN DOWELLED CONCRETE PAVEMENT c/w ASPHALTIC CONCRETE OVERLAY.
  - CONSTRUCT NEW MONOLITHIC CONCRETE BULLNOSE.
  - CONSTRUCT NEW MONOLITHIC CONCRETE MEDIAN SLAB.
  - CONSTRUCT NEW MONOLITHIC CONCRETE SPLASH STRIP.
  - RENEW MONOLITHIC CONCRETE CURB AND SIDEWALK.
  - ADJUST EXISTING MANHOLE FRAME AND COVER.
  - ADJUST EXISTING CATCHBASIN FRAME AND COVER.
  - ADJUST EXISTING CURB AND GUTTER INLET FRAME AND COVER.

**APEGM**  
 Certificate of Authorization  
 Earth Tech Canada Inc.  
 No. 730 Expiry: April 30, 2006

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
◇	HYDRANT	+	M.T.S.	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
⊙	VALVE	⊙	CONCRETE	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
○	MANHOLE	●	SURVEY BAR	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
□	CATCH BASIN	232.750	ELEVATION	(32.750)	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
▽	CURB INLET	300#	TREE	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
— — — — —	JUNCTIONS	— — — — —	SIDEWALK RAMP	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
— — — — —	CULVERT	— — — — —	CONCRETE SIDEWALK	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
— — — — —	GAS	— — — — —	FENCE	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED	

**LOCATION APPROVED UNDERGROUND STRUCTURES**  
 ORIGINAL SIGNED 03/29/05  
 SUPV. U/G STRUCTURES DATE COMMITTEE

**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. 76-074 in median of Pembina Highway, S. of Bishop Grandin Blvd., 1011 m. 6.066 m. Conc. Pipe, 24.9 m S. of C.L. of bus exit lane located in median of Pembina Highway @ University Cres. @ 1.1 m E. of W. curb of median.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	05/05	KR
A	ISSUED FOR REVIEW	02/05	BC

**EARTH TECH**  
 Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5361

DESIGNED BY	RC	CHECKED BY	BC/TGS
DRAWN BY	RC	APPROVED BY	
HOR. SCALE:	1=500	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1=20	DATE	

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
 ORIGINAL SIGNED  
**K.W. RAE**  
 MAY 30/05  
 REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION

UNIVERSITY CRESCENT - NORTHBOUND  
 MARKHAM ROAD TO PEMBINA HIGHWAY  
 CONCRETE REPAIRS AND ASPHALT RESURFACING

CITY DRAWING NUMBER P-3260-04  
 SHEET 4 OF 5

PLAN-PROFILE  
 STA. 6+00 TO STA. 8+50

CONSULTANT DRAWING NO. CT08