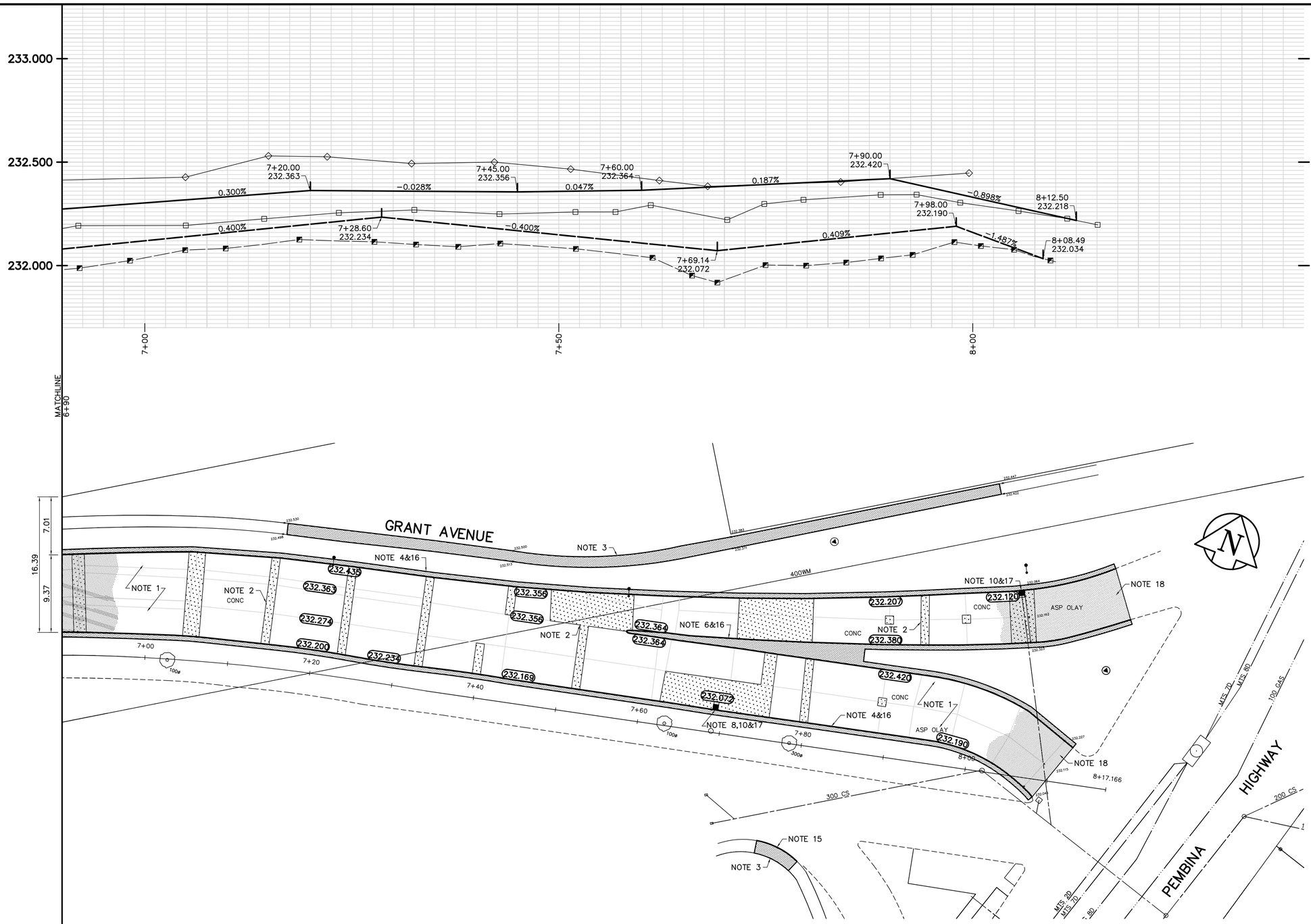

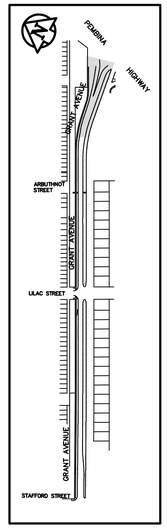

KEY PLAN

REFERENCE NOTES

A. BASELINE IS CENTRED BETWEEN NORTH AND SOUTH PROPERTY LINES
B. LEGAL PLAN – L.B.I.S.
C. ADD 200.000 TO OBTAIN GEODETIC DATUM
D. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
E. EARTH TECH FIELD BOOK NO. 4528

CONSTRUCTION NOTES

1. CONSTRUCT NEW ASPHALTIC CONCRETE OVERLAY
2. CONSTRUCT NEW 230mm PLAIN DOWELLED CONCRETE
3. RENEW EXISTING CONCRETE SIDEWALK
4. CONSTRUCT NEW MONOLITHIC SPLASH STRIP
5. CONSTRUCT NEW MODIFIED MONOLITHIC SPLASH STRIP
6. CONSTRUCT NEW MONOLITHIC CONCRETE MEDIAN SLAB
7. CONSTRUCT NEW CONCRETE MEDIAN SLAB
8. ABANDON EXISTING DRAINAGE INLET
9. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD–023) AND CONNECT TO EXISTING CATCHBASIN
10. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD–024) AND CONNECT NEW 250mm LEAD TO EXISTING LEAD
11. ADJUST EXISTING CATCHBASIN FRAME AND COVER
12. ADJUST EXISTING MANHOLE FRAME AND COVER
13. INSTALL NEW CAST IRON RISER RING
14. INSTALL NEW CURB AND GUTTER INLET FRAME AND COVER
15. REMOVE EXISTING CURB RAMP AND CONSTRUCT NEW CONCRETE BARRIER CURB
16. REMOVE EXISTING BARRIER CURB
17. REMOVE EXISTING CATCHBASIN
18. PLANE EXISTING ASPHALT PAVEMENT

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO		×	℄ PROFILE	
◇	HYDRANT			M.T.S.			NORTH MEDIAN GUTTER	
⊗	VALVE	⊗		CONCRETE			SOUTH MEDIAN GUTTER	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT		□	NORTH GUTTER	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE		○	SOUTH GUTTER	
○	MANHOLE	●		SURVEY BAR				
□	CATCH BASIN	■	232.750	ELEVATION	32.750	∅		
▽	CURB INLET	▼	500ø	TREE		◇	NORTH PROPERTY LINE	
	JUNCTIONS			SIDEWALK RAMP		⬡		
	CULVERT			CONCRETE SIDEWALK				
	GAS			FENCE				

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. 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. 52–005 Tblt. in 7.6m Conc. Pile, 7 m N. of N. curb along Grant Ave. & 8.2 m W. of line of E.L. of Cockburn St. N.
ELEV. 232.337

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	FEB 27/07	KWR
A	ISSUED FOR REVIEW	JAN 31/07	KWR

EarthTech
A Tyco International Ltd. Company

DESIGNED BY	RC	CHECKED BY	KWR
DRAWN BY	RC	APPROVED BY	
HOR. SCALE: 1:250 VERTICAL: 1:10		RELEASED FOR CONSTRUCTION BY:	
DATE	2007/01/31	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED
K.W. RAE
FEB 27/07
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
CT13

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

GRANT AVENUE (WESTBOUND)
PEMBINA HIGHWAY TO STAFFORD STREET
CONCRETE REPAIRS AND ASPHALT OVERLAY

CITY DRAWING NUMBER
P–3274–13

SHEET 13 OF 13

PLAN/PROFILE
STA. 6+90 TO PEMBINA HIGHWAY