



- REFERENCE NOTES**
- A. LEGAL PLAN - L.B.I.S.
 - B. ADD 200.000 TO OBTAIN GEODETIC DATUM.
 - C. PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
 - D. FOR SITE UTILITY INFORMATION SEE DWG C2.01.
- CONSTRUCTION NOTES:**
1. REMOVE EXISTING TOPSOIL WITHIN LIMITS OF NEW PAVEMENTS AND DITCHES.
 2. REMOVE EXISTING TREE.
 3. SUPPLY AND PLACE IMPORTED TOPSOIL AND SEED.
 4. REGRADE EXISTING DITCH.
 5. PLACE SUITABLE SITE SUBGRADE MATERIAL AS REQUIRED.
 6. EXCAVATE AND GRADE NEW DITCH.
 7. SUPPLY AND INSTALL 300Ø CSP CULVERT.
 8. PLANE AND CONSTRUCT NEW ASPHALTIC CONCRETE OVERLAY.
 9. CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALTIC CONCRETE OVERLAY.
 10. CONSTRUCT NEW 3% CROWNED GRAVEL ACCESS ROAD (20mm LIMESTONE, 150mm THICK). EMBANKMENT TO BE CONSTRUCTED WITH SUITABLE SITE FILL MATERIAL.
 11. CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT.
 12. CONSTRUCT NEW 100mm ASPHALTIC CONCRETE ROADWAY.
 13. INSTALL NEW BARRIER CURB AND GUTTER (150mm HEIGHT).
 14. INSTALL NEW LIP CURB AND GUTTER (75mm HEIGHT).
 15. CONSTRUCT NEW 100mm CONCRETE SIDEWALK.
 16. CONSTRUCT NEW 100mm ASPHALTIC CONCRETE TURNAROUND.
 17. CONSTRUCT NEW 50mm ASPHALTIC CONCRETE ACCESS ROAD c/w 20mm LIMESTONE BASE COURSE (150mm THICK).
 18. REMOVE EXISTING 450mmØ CULVERT.
 19. REMOVE EXISTING LIP CURB AND CONSTRUCT NEW BARRIER CURB (DOWELLED).
 20. CONSTRUCT BARRIER CURB (SEPARATE, 150mm HEIGHT).
 21. INSTALL 150mm SUBDRAIN.
 22. M.T.S. LINE TO BE RELOCATED (BY OTHERS). CONTRACTOR IS RESPONSIBLE FOR PROTECTING POWER CABLE TO COMMUNICATIONS TOWER DURING CONSTRUCTION.
 23. FIBRE OPTIC CABLE TO BE RELOCATED (BY OTHERS). CONTRACTOR IS RESPONSIBLE FOR PROTECTING FIBRE OPTIC CABLE TO COMMUNICATIONS TOWER PRIOR TO RELOCATION.
 24. INSTALL BOLLARD (SEE DETAIL 6, DWG C8.02)(24 IN TOTAL)
 25. CONSTRUCT CONCRETE MEDIAN SLAB
 26. PAINT PARKING LINES YELLOW(2.75m TYPICAL SPACING)
 27. CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT.
 28. PROOF ROLL SUBGRADE IN PROPOSED PAVEMENT AREAS.
 29. CONSTRUCT 50mm ASPHALT PAVEMENT c/w 20mm LIMESTONE BASE COURSE (100mm THICK).
 30. INSTALL PRECAST PARKING CURB.
 31. CONSTRUCT NEW GUTTER SECTION.
 32. CONSTRUCT NEW 50mm ASPHALT PATCH c/w 20mm LIMESTONE BASE COURSE (VARYING THICKNESS).
 33. INSTALL NEW LIP CURB (75mm HEIGHT, INTEGRAL).
 34. INSTALL BOULEVARD CATCHBASIN PAD (SEE DETAIL 5, DWG C8.02).
 35. APPLY SURFACE PROTECTION WITH COATING FORMULA 30.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

	WATERMAIN		HYDRO		
	VALVE		M.T.S.		ANCHOR
	LAND DRAINAGE SEWER		CONCRETE		POLE
	WASTEWATER SEWER		ASPHALT		CONTOURS
	MANHOLE		PROPERTY LINE		RAIL X-SIGNAL
	CATCH BASIN		SURVEY BAR		RAILWAY TRACK
	CURB INLET		ELEVATION		DITCH
	ANODE		TREE		FENCE
	CULVERT		GRANULAR		
	GAS		CONCRETE SIDEWALK		
	EXISTING		SEED/TOPSOIL		
	LEGEND - PLAN				

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

B.M. 13-027 W. side Main St. on the grounds of the North End Treatment Plant, 1ft. on top of Conc. pit in front of main Bldg., 22.2m E. of line of most Ely. wall & 32.8m S. of most N.W. wall of main bldg. (ties to 1311 ELEV. = 231.261m)

NO.	REVISIONS	DATE	BY
01	291-2006 ADDENDUM 3	06/07/12	JC
00	ISSUED FOR TENDER	06/05/15	JC

EarthTech
A Tyco International Ltd. Company

DESIGNED BY	BSK	CHECKED BY	JC
DRAWN BY	BSK/RTC	APPROVED BY	JEH
SCALE:	1:300	RELEASED FOR CONSTRUCTION BY:	K.MARTENS
DATE	2006/04/17	DATE	2006/05/15

ENGINEER'S SEAL
ORIGINAL SIGNED BY
J.N. CRANG
2006/05/15
CONSULTANT DRAWING NO.
C8.01

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT
NITROGEN REMOVAL FACILITY

CIVIL
PAVING AND GRADING PLAN

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER