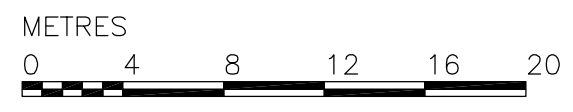


REFERENCE NOTES

- 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 (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.
36. REFER TO STRUCTURAL DRAWINGS S0.04



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	M.T.S.		ANCHOR		
VALVE		CONCRETE				POLE		
300mm L.D.S.	LAND DRAINAGE SEWER	ASPHALT				CONTOURS		
250mm W.W.S.	WASTEWATER SEWER	PROPERTY LINE				RAIL X-ING SIGNAL		
MANHOLE		SURVEY BAR				RAILWAY TRACK		
CATCH BASIN		ELEVATION		32.750		DITCH		
CURB INLET		TREE				FENCE		
ANODE		GRANULAR				BOLLARD		
CULVERT		CONCRETE SIDEWALK						
GAS		SEED/TOPSOIL						

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

NO.	ISSUED FOR TENDER	06/05/15	JC
00	ISSUED FOR TENDER	06/05/15	JC
NO.	REVISIONS	DATE	BY

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	2006/05/23

ENGINEER'S SEAL
ORIGINAL SIGNED BY
J.N. CRANG
2006/05/23
CONSULTANT DRAWING NO.
C8.01

THE CITY OF 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