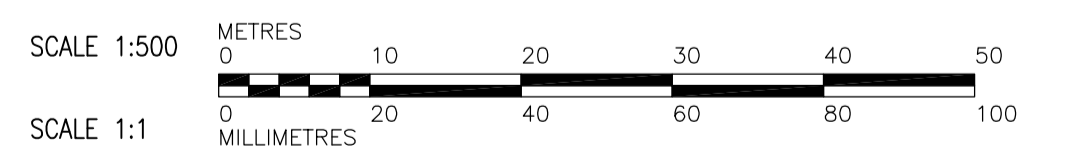


MISCELLANEOUS UTM COORDINATES			
POINT I.D.	DESC.	NORTHING	EASTING
148	CENTER OF AQUEDUCT	5523939.906	647914.472
149	CENTER OF AQUEDUCT	5523940.132	647955.955
150	CENTER OF AQUEDUCT	5523940.394	647974.917
152	CENTER OF AQUEDUCT	5523942.750	648102.201
153	CENTER OF AQUEDUCT	5523943.160	648124.486
154	CENTER OF AQUEDUCT	5523945.371	648244.619
155	CENTER OF SWALE	5523956.232	648183.351
156	CENTER OF SWALE	5523973.729	648182.830
157	CENTER OF SWALE	5524008.515	648121.209
158	CENTER OF SWALE	5523955.785	648122.901

- REFERENCE NOTES**
- A. REFER TO DRAWING WY-C0160 FOR PROPOSED HORIZONTAL GEOMETRY
  - B. REFER TO DRAWINGS WY-C0161 FOR PROPOSED PAVEMENT ELEVATIONS
  - C. REFER TO DRAWING WY-C0165 AND WY-C0166 FOR PROPOSED PAVEMENT PROFILES
  - D. REFER TO ELECTRICAL DRAWINGS FOR STREET LIGHTS AND ELECTRICAL
  - E. REFER TO GUARDRAIL DRAWINGS FOR PLAN AND DETAILS
- CONSTRUCTION NOTES**
1. SUPPLY AND INSTALL CONCRETE BARRIER CURB AND GUTTER 150mm HT
  2. SUPPLY AND INSTALL CONCRETE MOUNTABLE CURB AND GUTTER 40mm HT
  3. SUPPLY AND INSTALL REINFORCED CONCRETE PAVEMENT (150mm THK.)
  4. SUPPLY AND INSTALL REINFORCED CONCRETE PAVEMENT (200mm THK.)
  5. SUPPLY AND INSTALL 150mm SUBDRAINS 6.0m EACH SIDE OF CATCHBASIN (TYP)
  6. ADJUST EXISTING CATCHBASIN/MANHOLE TO GRADE
  7. ADJUST EXISTING WATER VALVE TO GRADE
  8. CONSTRUCT DRAINAGE SWALE
  9. SUPPLY AND INSTALL 75mm WIDE PARKING LINES, YELLOW IN COLOR
  10. ABANDON EXISTING 450mm Ø CMP. PLACE FLOWABLE CEMENT STABILIZED FILL INSIDE CMP
  11. REGRADE EXIST. GRANULAR BASE/SUB BASE MATERIAL TO MATCH PROPOSED PAVEMENT STRUCTURE
  12. SUPPLY AND INSTALL 450 Ø CMP CULVERT
  13. EXCAVATE AND DISPOSE OF 0.3m GRANULAR MATERIAL AND REPLACE WITH 0.3m OF CLAY FROM BORROW LINE
  14. SUPPLY AND INSTALL 50mm ASPHALT PAVEMENT
  15. SUPPLY AND INSTALL 3m x 3m x 150mm REINFORCED CONCRETE PAVEMENT C/W 150mm CRUSHED LIMESTONE BASE COURSE
  16. SUPPLY AND INSTALL 2.7m Ø BASE MANHOLE C/W SAFE DRAIN.
  17. SUPPLY AND INSTALL 200mm HT BARRIER CURB (INTEGRAL) ON 200mm CONCRETE PAVEMENT
  18. REMOVE EXISTING 1.83m HT CHAIN LINK FENCE
  19. SUPPLY AND INSTALL CONCRETE CURB RAMP 10mm HT, 150 THICK
  20. SUPPLY AND INSTALL 120mm HT MOUNTABLE CONCRETE CURB AND GUTTER (INTEGRAL)
  21. SUPPLY AND INSTALL MONOLITHIC CONCRETE MEDIAN
  22. MOW AREA AND THE CONTRACT ADMINISTRATOR WILL DETERMINE IF AREA IS TO BE REGRADED, TOPSOIL ADDED AND RE-SEDED.
  23. MOW AREA BETWEEN AQUEDUCT FENCE. CONTRACT ADMINISTRATOR WILL DETERMINE IF REGRADED, TOPSOIL AND SEEDING WILL OCCUR.
  24. SUPPLY AND INSTALL CONCRETE COATINGS IN ACCORDANCE WITH SPECIFICATION SECTION 02953.

**SURFACE TYPE LEGEND**

	CONCRETE PAVEMENT
	NEW ASPHALT PAVEMENT/ ASPHALT RESURFACING
	100mm IMPORTED TOP SOIL C/W SEED
	CONCRETE SIDEWALK/MEDIAN
	GRANULAR MATERIAL (100mm LIMESTONE BASE COURSE)
	CONCRETE APRON CONSTRUCTED BY OTHERS



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

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
	HYDRANT		M.T.S.		CONCRETE			PROPERTY LINE	
	LAND DRAINAGE SEWER		WASTEWATER SEWER		MANHOLE			JUNCTIONS	
	WASTEWATER SEWER		MANHOLE		CATCH BASIN			JUNCTIONS	
	CURB INLET		JUNCTIONS		CULVERT		EXISTING	LEGEND - PLAN	PROPOSED
	GAS		TREE		ANODE		CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK
	FENCE		FENCE		FENCE		FENCE	FENCE	FENCE

**APEGM**  
Certificate of Authorization  
Earth Tech Canada Inc.  
No. 730

B.M. ELEV.

00 ISSUED FOR TENDER 07/11/09 BC  
NO. REVISIONS DATE BY

**CH2MHILL**  
Frederickson Cooper ARCHITECTS

**EarthTech**  
A Tyco International Ltd. Company

DESIGNED BY BC  
DRAWN BY BC  
SCALE: 1:500

CHECKED BY JC  
APPROVED BY AHL  
RELEASED FOR CONSTRUCTION BY:  
R. SOROKOWSKI

DATE 06/11/24 DATE 07/11/09

ENGINEER'S SEAL

ORIGINAL SIGNED BY  
J.N. CRANG  
07/11/09

CONSULTANT DRAWING NO.  
WY-C0164

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

WATER TREATMENT PLANT  
CONSTRUCTION OF ROADS  
AND LANDSCAPING

CIVIL  
PAVING AND GRADING

CITY FILE NUMBER  
SHEET OF  
CITY DRAWING NUMBER  
1-0601Y-A-C0164-001-000