

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

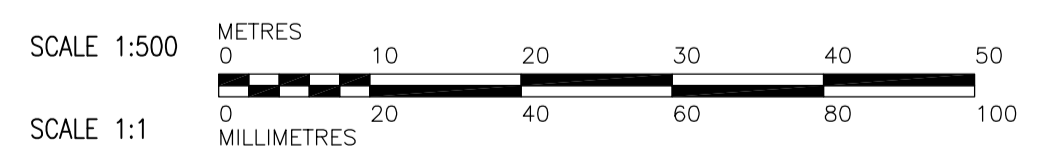
- REFERENCE NOTES**
- A. REFER TO DRAWING WY-C0160 FOR PROPOSED HORIZONTAL GEOMETRY
 - B. REFER TO DRAWINGS WY-C0161 FOR PROPOSED PAVEMENT ELEVATIONS
 - C. REFER TO DRAWING WY-C0165 AND WY-C0166 FOR PROPOSED PAVEMENT PROFILES
 - D. REFER TO ELECTRICAL DRAWINGS FOR STREET LIGHTS AND ELECTRICAL
 - E. REFER 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 REGRADING, 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 (SEE DWG WY-C0167 & WY-C0168) 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

1 TYPICAL BOLLARD DETAIL @ OVERHEAD DOOR OPENINGS
SCALE: NTS



150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	---	---	---	---	---	
	HYDRANT		M.T.S.		CONCRETE		ASPHALT		LIGHT STANDARD
	VALVE		PROPERTY LINE		SURVEY BAR		CONTOURS		RAIL X-ING SIGNAL
	LAND DRAINAGE SEWER		TREE		ANODE		DITCH		TRANSFORMER
	WASTEWATER SEWER		CONCRETE SIDEWALK		FENCE				
	MANHOLE								
	CATCH BASIN								
	CURB INLET								
	JUNCTIONS								
	CULVERT								
	GAS								
	EXISTING LEGEND - PLAN		PROPOSED LEGEND - PLAN		EXISTING LEGEND - PLAN		PROPOSED LEGEND - PLAN		EXISTING LEGEND - PLAN

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

B.M. ELEV.	DESIGNED BY	DATE	PP
	BC	07/12/07	PP
	BC	07/11/09	BC

CH2MHILL
Frederickson Cooper ARCHITECTS

EarthTech
A Tyco International Ltd. Company

DESIGNED BY: BC
DRAWN BY: BC
CHECKED BY: JC
APPROVED BY: AHL

SCALE: 1:500
RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI
DATE: 06/11/24
DATE: 07/11/09

ENGINEER'S SEAL
ORIGINAL SIGNED BY: J.N. CRANG
DATE: 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-C0164-001-01D