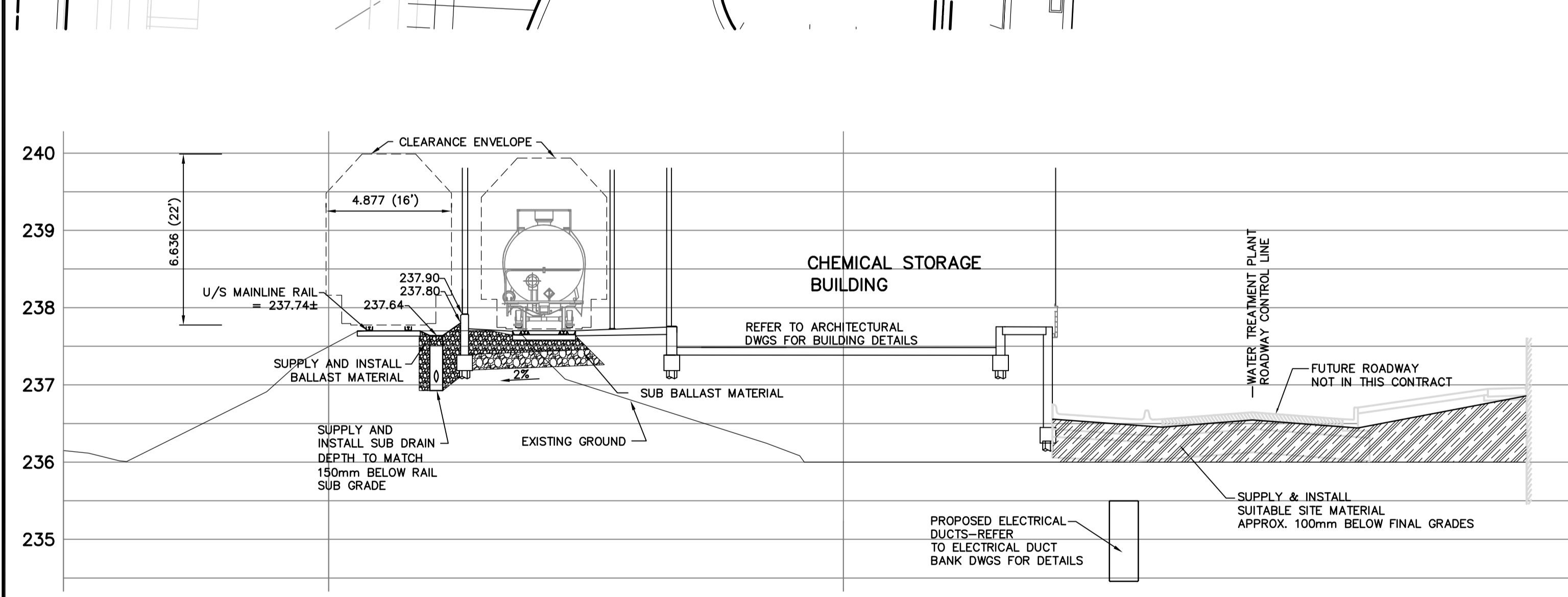
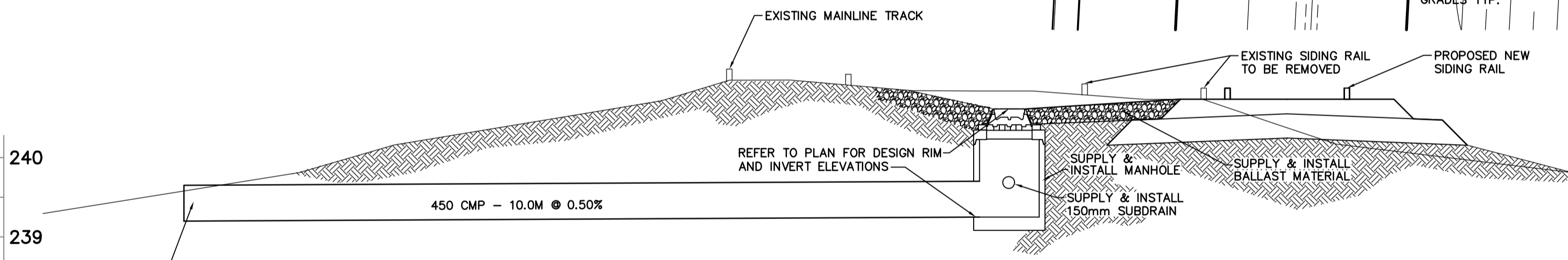


PLAN



SECTION 1
H-1:150 V=1:50



SECTION 2 - TYPICAL MANHOLE/CULVERT INSTALLATION
NTS

BENCHMARK NOTES:

B.M. No.	NORTHING	EASTING	ELEVATION
PILE 136	5523873.734	647764.406	236.242
PILE 133	5523256.606	647782.387	236.056

NOTE: PILE No. 136 MAY BE REVISED PRIOR TO CONSTRUCTION. CONTRACT ADMINISTRATOR TO PROVIDE NEW ELEVATION AND COORDINATES.

REFERENCE NOTES:
 A. ADD 200.00 TO DESIGN GRADES TO OBTAIN GEODETIC DATUM
 B. ALL EXISTING UNDERGROUND UTILITIES SHALL BE CONFIRMED PRIOR TO CONSTRUCTION.
 C. ALL SITE SURFACE WORKS SHALL BE IN ACCORDANCE WITH THE C.O.W. STANDARD CONSTRUCTION SPECIFICATIONS

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.	CONCRETE ASPHALT PROPERTY LINE	CONCRETE SIDEWALK	---	LIGHT STANDARD ANCHOR	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	SURVEY BAR	TREE ANODE	---	---	POLE	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ELEVATION	CONCRETE SIDEWALK	---	---	CONTOURS	---
---	MANHOLE	---	+	FENCE	---	---	RAIL X-ING SIGNAL	---
---	CATCH BASIN	---	232.750	---	---	---	@ RAILWAY TRACK	---
---	CURB INLET	---	300mm	---	---	---	DITCH	---
---	JUNCTIONS	---	---	---	---	---	---	---
---	CULVERT	---	---	---	---	---	---	---
---	GAS	---	---	---	---	---	---	---

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

B.M. ELEV.	DATE	BY
00	ISSUED FOR TENDER	2007/01/31 BC
NO.	REVISIONS	DATE BY

CH2M HILL
 Frederickson Cooper ARCHITECTS

EarthTech
 A Tyco International Ltd. Company

DESIGNED BY: BC
 CHECKED BY: JC
 DRAWN BY: BC
 APPROVED BY: AHL
 SCALE: 1:250
 RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI

ENGINEER'S SEAL
 PROVINCE OF MANITOBA ORIGINAL SIGNED BY J.N. CRANG 2007/01/31 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. WS-C0001

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WATER TREATMENT PLANT
 BULK CHEMICAL BUILDING
 SODIUM HYPOCHLORITE AND CHEMICAL STORAGE BUILDINGS

CIVIL
 GRADING PLAN AND DETAILS

CITY FILE NUMBER
 SHEET OF
 CITY DRAWING NUMBER
 1-060IS-A-C0001-00D