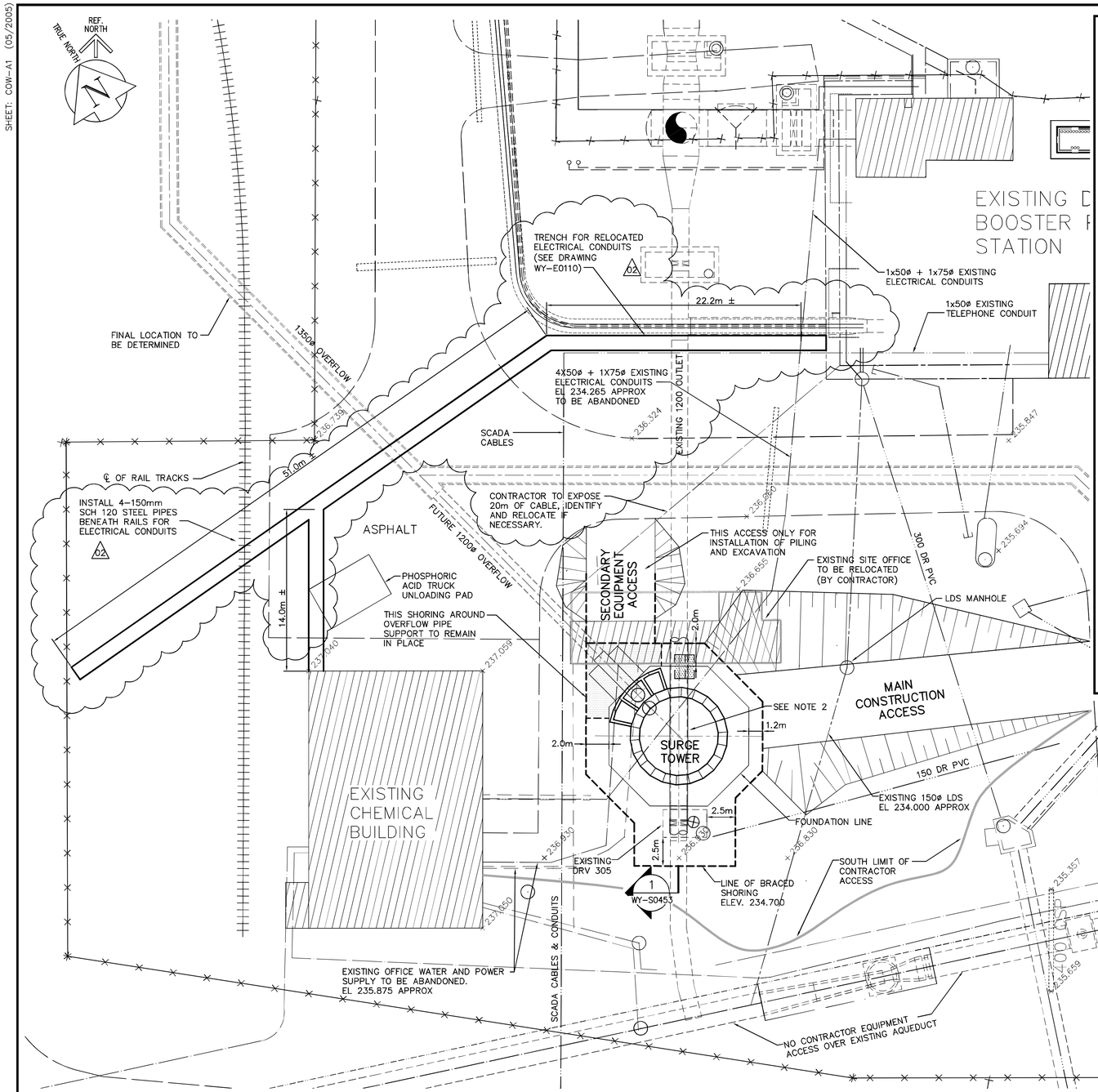
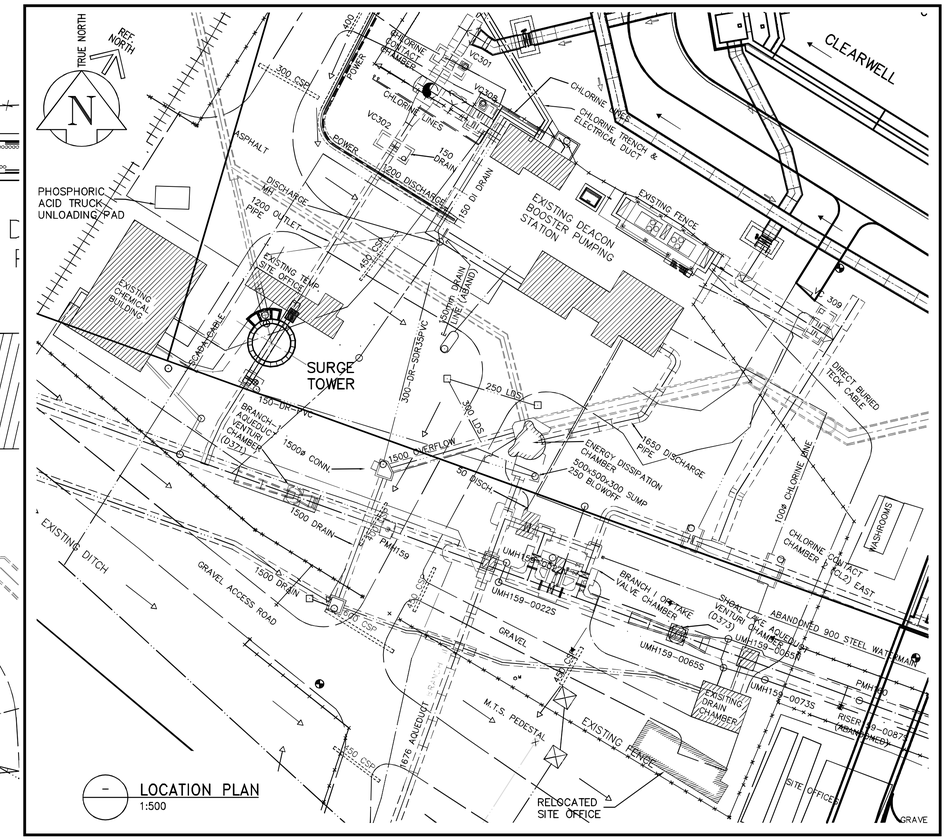
SHEET: COW-A1 (05/2005)



EXCAVATION PLAN
1:200



LOCATION PLAN
1:500

NOTES:

1. REFER TO DWG WY-S0453 FOR CONSTRUCTION SEQUENCE NOTES.
2. CONTRACTOR SHALL NOT CROSS OVER EXISTING 1200ø OUTLET PIPE WITH HEAVY EQUIPMENT (EXCAVATORS, PILING RIGS, CRANES, ETC). EXCAVATION, SHORING AND PILING TO BE COMPLETED WITH EQUIPMENT LOCATED ON EITHER SIDE OF EXISTING 1200ø OUTLET PIPE.
3. THE CONTRACTOR SHALL SAW CUT THE ASPHALT PAVEMENT FULL DEPTH ALONG THE LIMITS DESIGNATED ON THE DRAWINGS. THE ASPHALT PAVEMENT SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH CW 3110. UPON REMOVAL OF ASPHALT, THE EXISTING BASE MATERIALS SHALL BE REMOVED TO THE DEPTH SHOWN ON THE DRAWINGS USING THE EXCAVATION METHODS APPROVED BY THE CONTRACT ADMINISTRATOR.
4. UPON COMPLETING THE INSTALLATION, TESTING AND COMMISSIONING OF THE NEW POWER AND COMMUNICATIONS CABLE, THE AFFECTED SUB-GRADE, SUB-BASE, BALLAST, BASE COURSE AND ASPHALT SHALL BE RESTORED IN ACCORDANCE WITH CW 3110, CW 3410 AND TO PRE-CONSTRUCTION CONDITION TO THE EXTENTS SHOWN ON THE DRAWINGS. AT A MINIMUM, THIS WILL INCLUDE:

   150mm ASPHALT
   75mm LIMESTONE BASE COURSE
   150mm OF 50MM LIMESTONE SUB-BASE
   300mm OF 150MM LIMESTONE SUB-BASE

5. AS DESIGNATED BY THE CONTRACT ADMINISTRATOR, THE AREA WITHIN THE FUTURE OVERFLOW PIPING SHALL BE RESTORED AS DESCRIBED IN NOTE 4 EXCEPT THE ASPHALT MAY BE REPLACED WITH ADDITIONAL LIMESTONE BASE COURSE TO MATCH THE ADJACENT ASPHALT ELEVATION.
6. MEASURES SHALL BE TAKEN TO PREVENT BALLAST MIGRATION INTO THE EXCAVATION ALONG THE EXISTING RAIL SPUR.

SCALE 1:200 METRES 0 4 8 12 16 20
SCALE 1:1 MILLIMETRES 0 20 40 60 80 100
SCALE 1:500 METRES 0 10 20 30 40 50
SCALE 1:1 MILLIMETRES 0 20 40 60 80 100

EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO			LIGHT STANDARD	
	HYDRANT			M.T.S.			ANCHOR	
	VALVE			CONCRETE			POLE	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT		391.0	CONTOURS	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE			RAIL X-ING SIGNAL	
	MANHOLE			SURVEY BAR			℄ RAILWAY TRACK	
	CATCH BASIN		232.750	ELEVATION	32.750		DITCH	
	CURB INLET		500ø	TREE				
	JUNCTIONS			ANODE				
	CULVERT			CONCRETE SIDEWALK				
	GAS			FENCE				

ISSUED FOR INFORMATION ONLY
94-2007 ADDENDUM 1

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

NO.	REVISIONS	DATE	BY
02	37-2006 ADDENDUM 3	06/06/12	LAE
01	37-2006 ADDENDUM 1	06/05/24	JBC
00	ISSUED FOR TENDER	06/05/03	JBC

CH2MHILL
Fredericksen Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	GGP	CHECKED BY	SRB
DRAWN BY	LAE/JBC	APPROVED BY	AHL
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/11/21	DATE	2006/05/03

ENGINEER'S SEAL
ORIGINAL SIGNED BY
S.R. BILEVICIUS
2006/05/03

CONSULTANT DRAWING NO.
WY-C0100

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
YARD PIPING AND VALVE CHAMBERS
SURGE TOWER CONSTRUCTION

CIVIL
SITE LOCATION AND EXCAVATION PLAN

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601Y-A-C0100-001-02D

Last Save: 2006-06-12 4:32 PM

L:\WORK\79000\79538\02A-CAD\WAT\CONTR\WTP_DETAIL DESIGN\SURGE TOWER\DN_WY-C0100_ET.DWG