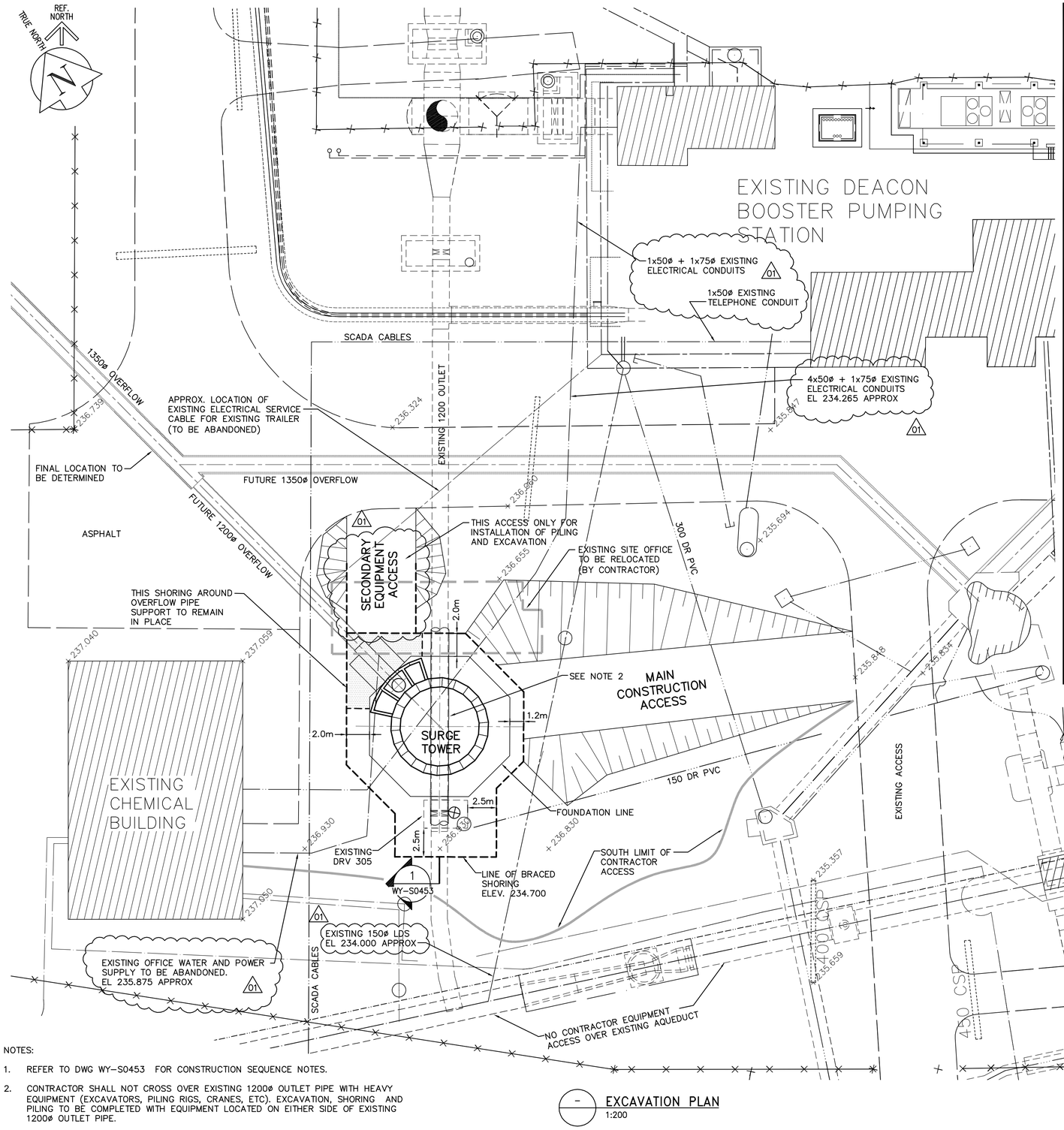
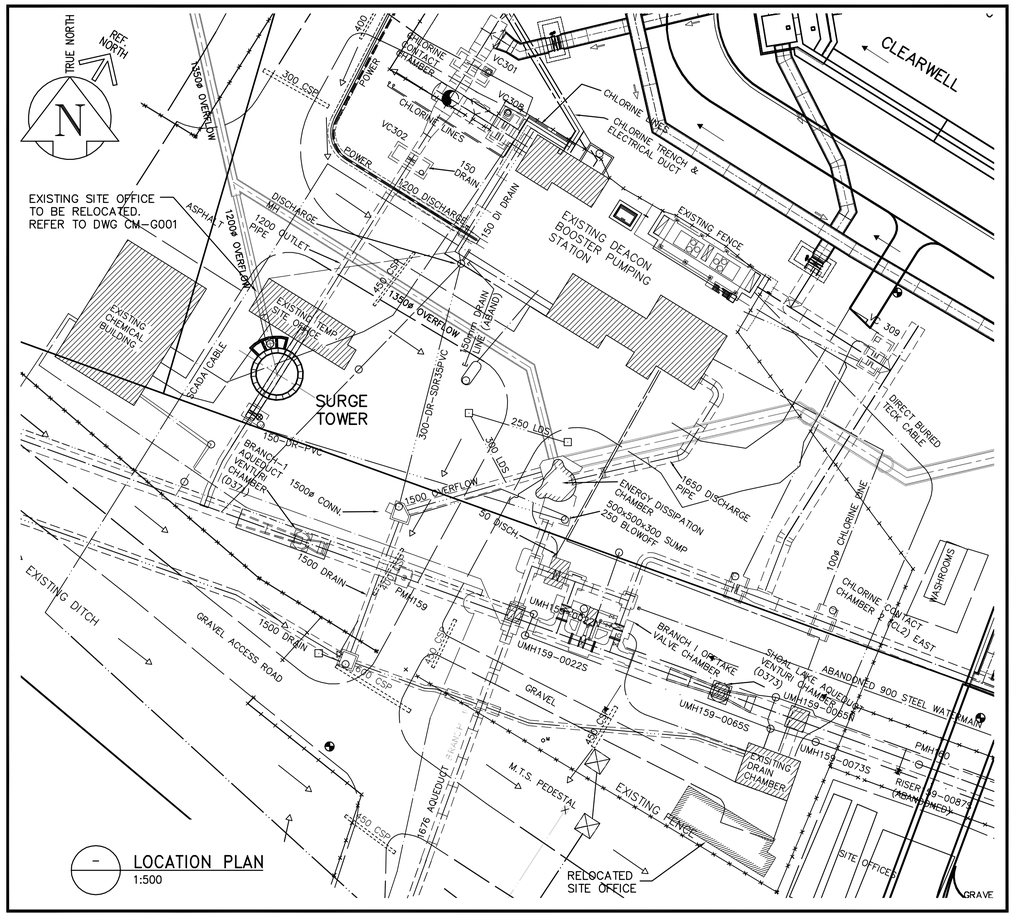
SHEET: COW-A1 (05/2005)





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.

EXCAVATION PLAN
1:200

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

150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO			LIGHT STANDARD	
◇	HYDRANT			M.T.S.		←	ANCHOR	
⊗	VALVE			CONCRETE		H	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				
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED

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

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

CH2MHILL
Fredericksson 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

Winnipeg
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-C0100-001-01D

Last Save: 2006-05-25 2:42 PM

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