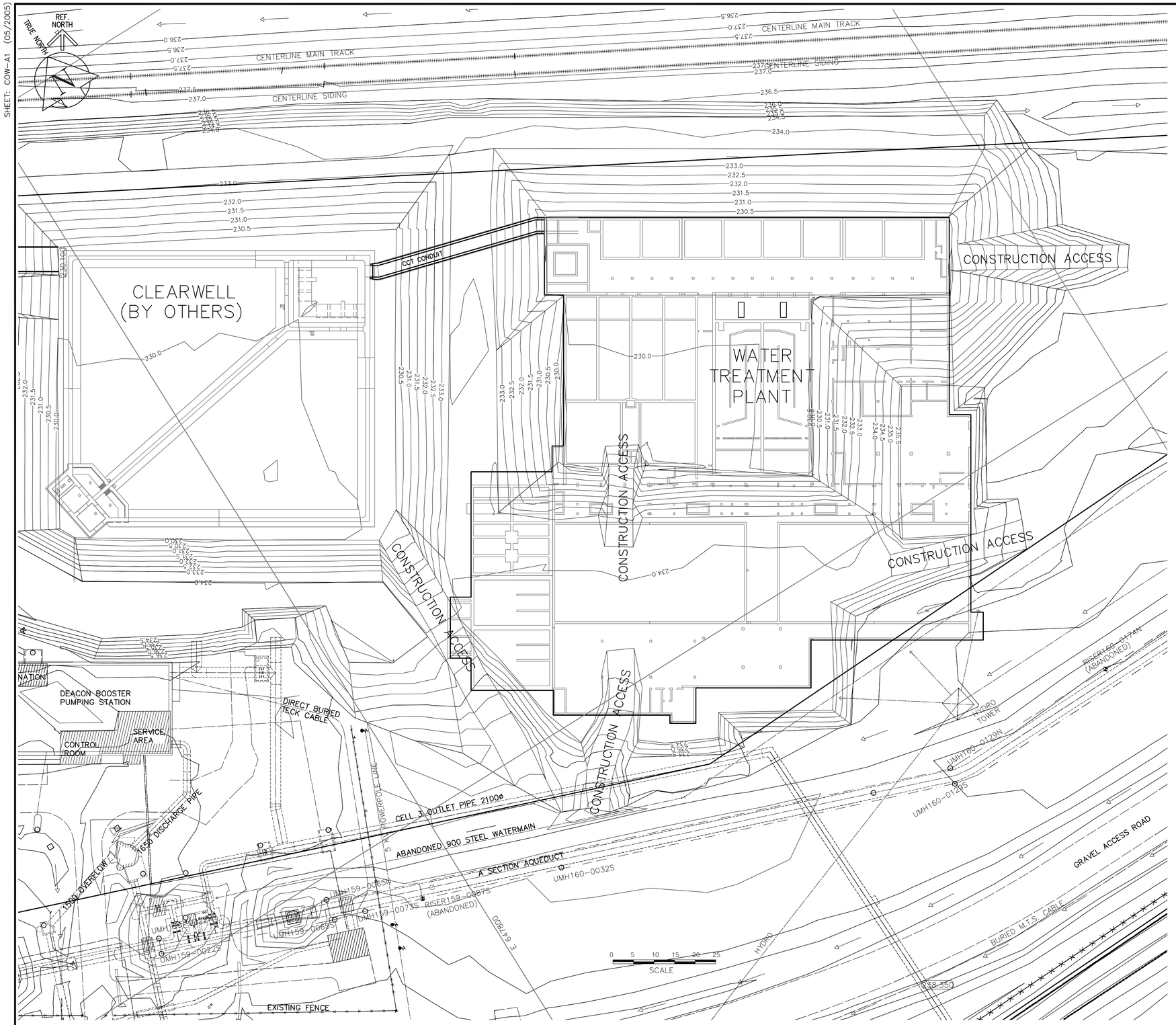
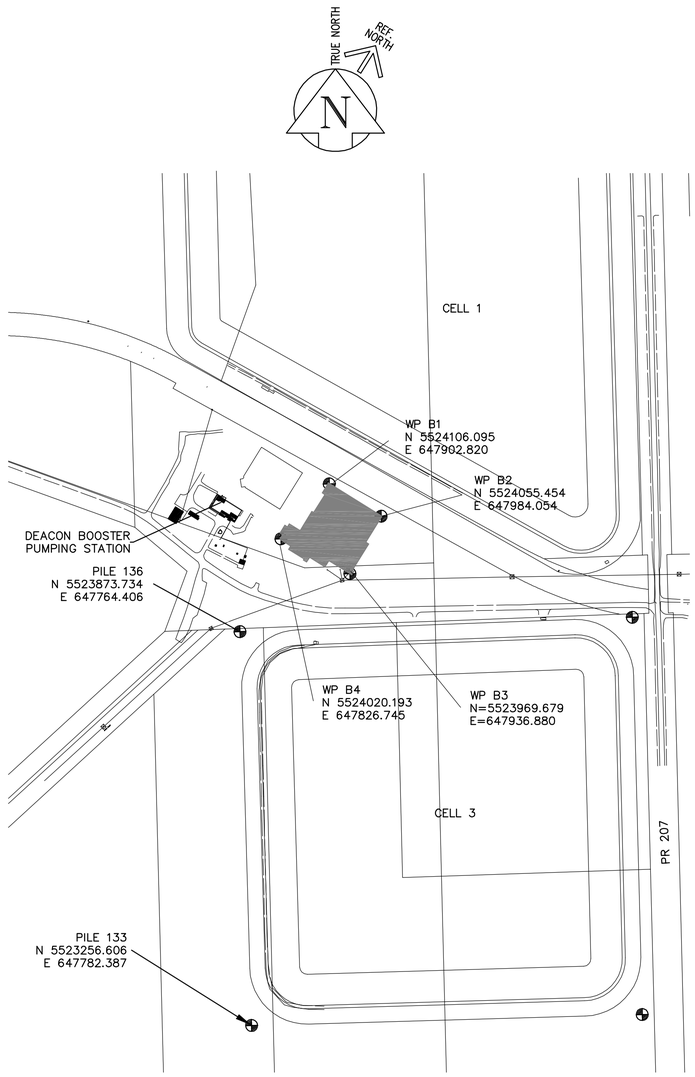
SHEET: COW-A1 (05/2005)





SURVEY PLAN
N.T.S.

Working Point	Description	Northing	Easting	Elevation
B1	Intersection of Grid Lines B2 and BA	5524106.095	647902.820	
B2	Intersection of Grid Lines B18 and BA	5524055.454	647984.054	
B3	Intersection of Grid Lines B19 and BM	5523969.679	647936.880	
B4	Intersection of Grid Lines B1 and BN	5524020.193	647826.745	
Benchmarks				
Pile 136	Northwest Corner of Cell 3	5523873.734	647764.406	236.242
Pile 133	Southwest Corner of Cell 3	5523256.606	647782.387	236.056

BENCH MARK NOTES:

MONUMENT AND WORKING POINT COORDINATES ARE UTM NAD83
SCALE FACTOR 0.99983
TO OBTAIN GROUND DISTANCES DIVIDE COORDINATE INVERSE BY SCALE FACTOR

FOR INFORMATION ONLY - NOT IN CONTRACT

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				
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
B	REVISED COORDINATES	050906	GSK
A	ISSUED FOR CLIENT REVIEW	05/08/31	FC

CH2MHILL
Frederickson Cooper
ARCHITECTS

EarthTech
A Tyco International Ltd. Company

DESIGNED BY		CHECKED BY	GSK
DRAWN BY	FC	APPROVED BY	
SCALE:	1:500	RELEASED FOR CONSTRUCTION BY:	
DATE	2005/08/31	DATE	

ENGINEER'S SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO.
WM-C0165

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT

CIVIL
EXISTING SITE PLAN
AND SURVEY PLAN

CITY FILE NUMBER

SHEET OF

CITY DRAWING NUMBER

Last Save: 2005-10-27 12:58 PM

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