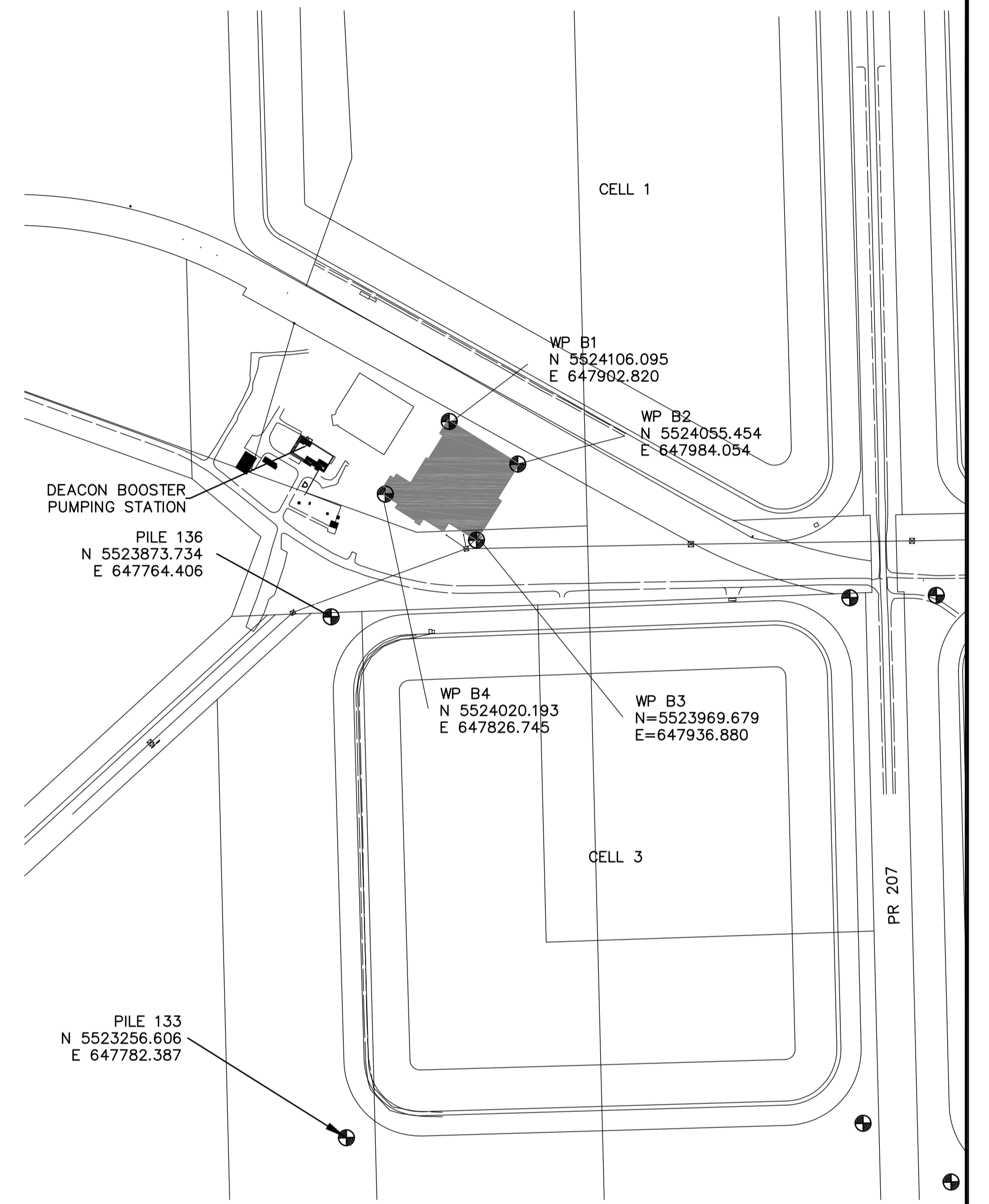
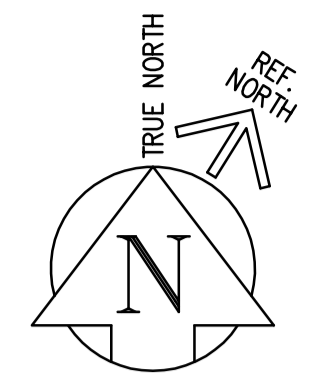
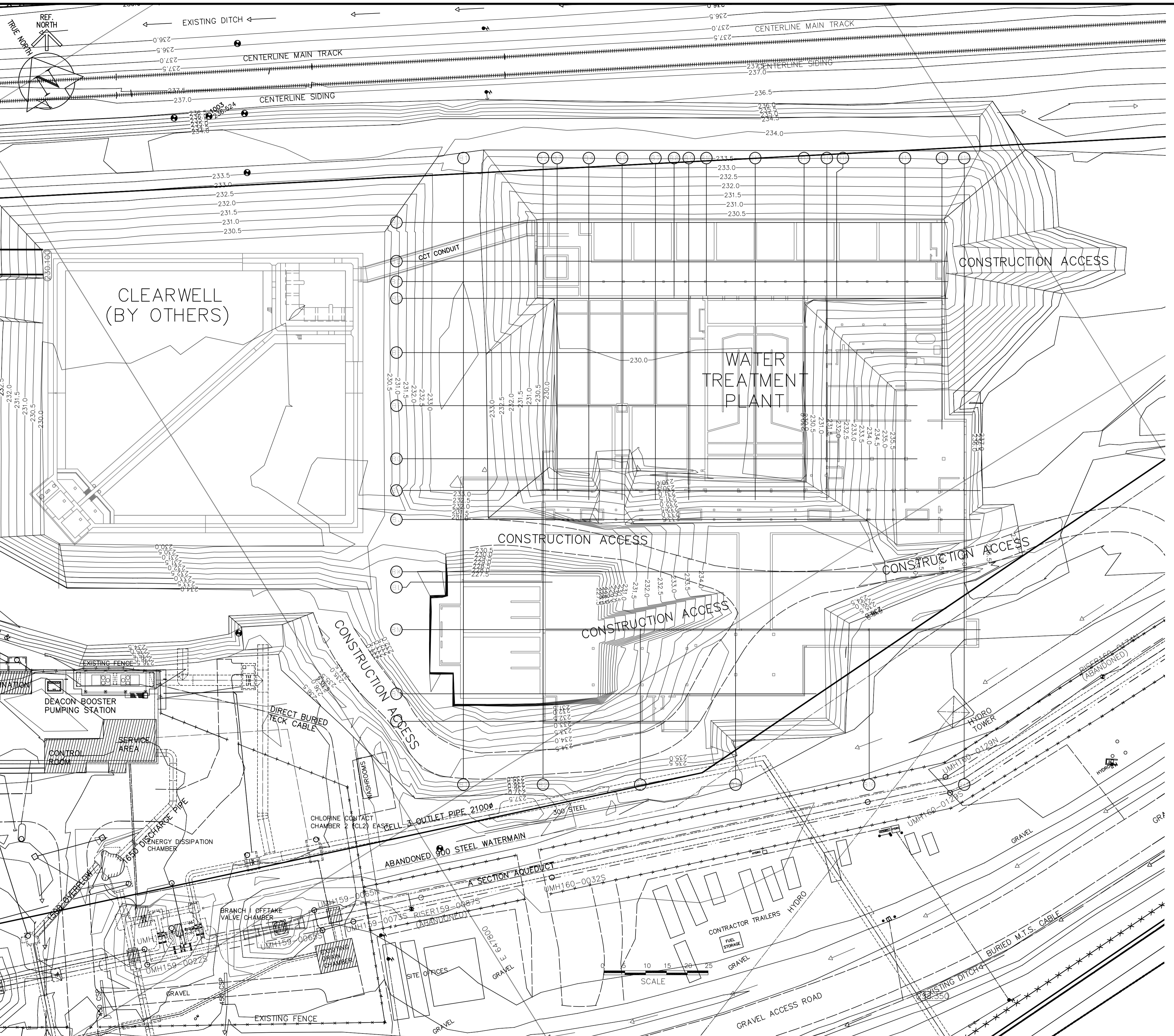


SHEET: COW-A1 (05/2005)



**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	
<b>Benchmarks</b>				
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	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
○	HYDRANT	+	M.T.S.	— — — — —	PROPERTY LINE	— — — — —	— — — — —	CONCRETE SIDEWALK	— — — — —
◇	VALVE	⊕	CONCRETE ASPHALT	— — — — —	SURVEY BAR	— — — — —	— — — — —	FENCE	— — — — —
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	PROPERTY LINE	— — — — —	ELEVATION	32.750	— — — — —	—	—
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	MANHOLE	○	TREE ANODE	⊕	—	—	—
	CATCH BASIN	232.750	CATCH BASIN	⊕	CONCRETE SIDEWALK	— — — — —	—	—	—
	CURB INLET	25000	CURB INLET	⊕	FENCE	— — — — —	—	—	—
	JUNCTIONS		JUNCTIONS	+	—	—	—	—	—
	CULVERT		CULVERT	—	—	—	—	—	—
	GAS		GAS	—	—	—	—	—	—

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
—	PROPERTY LINE	—	—	CONCRETE SIDEWALK	—
—	ELEVATION	32.750	—	FENCE	—

B.M. ELEV.	NO.	REVISIONS	DATE	BY
	C	REVISED BASE PLAN	06/02/28	RMT
	B	REVISED COORDINATES	05/09/06	GSK
	A	ISSUED FOR CLIENT REVIEW	05/08/31	FC

**CH2M HILL**  
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

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

**WATER TREATMENT PLANT**  
SUPPLY AND INSTALLATION OF PILES

CIVIL EXISTING SITE PLAN AND SURVEY PLAN

CITY FILE NUMBER  
SHEET OF  
CITY DRAWING NUMBER