



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	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
+	HYDRANT	+	M.T.S.	---	SURVEY BAR	+	---	SURVEY BAR	+
○	VALVE	○	CONCRETE	▨	ELEVATION	32.750	▨	ELEVATION	32.750
▨	LAND DRAINAGE SEWER	▨	ASPHALT	▨	TREE	○	▨	TREE	○
▨	WASTEWATER SEWER	▨	PROPERTY LINE	---	ANODE	○	---	ANODE	○
○	MANHOLE	○	SURVEY BAR	+	CONCRETE SIDEWALK	▨	+	CONCRETE SIDEWALK	▨
▨	CATCH BASIN	▨	ELEVATION	32.750	FENCE	---	---	FENCE	---
▨	CURB INLET	▨	TREE	○	EXISTING	---	---	EXISTING	---
▨	JUNCTIONS	▨	ANODE	○	PROPOSED	---	---	PROPOSED	---
▨	CULVERT	▨	CONCRETE SIDEWALK	▨	EXISTING	---	---	EXISTING	---
▨	GAS	▨	FENCE	---	PROPOSED	---	---	PROPOSED	---

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
---	PROPERTY LINE	---	---	RAIL X-ING SIGNAL	---
---	RAILWAY TRACK	---	---	DITCH	---

B.M. ELEV.	NO.	REVISIONS	DATE	BY
	B	REVISED COORDINATES	05/09/06	GSK
	A	ISSUED FOR CLIENT REVIEW	05/08/31	FC

CH2M HILL
Frederickson Cooper ARCHITECTS

DESIGNED BY: GSK
DRAWN BY: FC
SCALE: 1:500

CHECKED BY: GSK
APPROVED BY: GSK
RELEASED FOR CONSTRUCTION BY: GSK

DATE: 2005/08/31

ENGINEER'S SEAL
PRELIMINARY
NOT FOR CONSTRUCTION

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: _____

CONSULTANT DRAWING NO. WM-C0165