SHEET: COW-A1 (05/2005)

REF. NORTH
TRUE NORTH

B2 B3 B4 B5 B7 B8 B9 B9

BD BE BF BG BH

TPD (BY OTHERS)

FD-3-TP

3 WB-H9451 TYP

FOR THIS CONTRACT, END 100mm CLEANOUT 300mm BELOW SLAB, TYP

CO

INV EL 238.755
DRA-100
INV EL 238.750

FOR THIS CONTRACT, END 100mm DRAIN PIPE EXTEND 300mm BEYOND WALL, TYP

1 WB-M9451 TYP

INV EL 238.690
DRA-100
INV EL 238.655

EXTEND DRA-150 PIPE THROUGH CHANNELS BELOW

FOR THIS CONTRACT, END 75mm DRAIN PIPE AND 13mm TRAP PRIMER PIPE 300mm BELOW SLAB, TYP

INV EL 238.600
DRA-100
INV EL 238.590

13mm TRAP SEAL PRIMER TO TRAP, TYP OF 4

FD-2-TP

STAIRWELL NO. 9

2 WB-H9451 TYP

9 WB-M9452 TYP

PSW-100 (BY OTHERS)
INV EL 238.950

PSW-100 (BY OTHERS)

INV EL 238.950
DRA-100 UP AND DOWN (BY OTHERS)

INV EL 238.470

PILOT PLANT ROOM

8 WB-H9451 TYP

INV EL 238.715
DRA-100
INV EL 238.710

239.410

INV EL 238.650
DRA-100
INV EL 238.615

13mm TRAP SEAL PRIMER TO TRAP, TYP OF 5

9 WB-M9452

INV EL 238.475

FOR THIS CONTRACT, END 75mm DRAIN PIPE AND 13mm TRAP PRIMER PIPE 300mm BELOW SLAB, TYP

TPD (BY OTHERS)

FOR THIS CONTRACT, END 13mm SEAL PRIMER PIPE 300mm ABOVE FINISHED FLOOR, TYP

INV EL 238.550
DRA-100
INV EL 238.555

1 WB-M9451 TYP

3 WB-H9451 TYP

WASHWATER RECOVER TANK NO. 1

WASHWATER RECOVER TANK NO. 2

WASHWATER RECOVER TANK NO. 3

WASHWATER RECOVER TANK NO. 4

RISIDUALS HANDLING AREA

GRAVITY THICKENER NO. 1

GRAVITY THICKENER NO. 2

ACCESS CORRIDOR NO. 2 (BELOW)

FOR THIS CONTRACT, END 75mm DRAIN PIPE AND 13mm TRAP PRIMER PIPE 300mm BELOW SLAB, TYP

FOR THIS CONTRACT, END 75mm CLEANOUT PIPE 300mm BELOW SLAB

DRA-75 PIPING BY OTHERS

FOR THIS CONTRACT, END 75mm DRAIN PIPE 300mm BEYOND WALL BELOW

INV EL 238.745

FD-1-TP

1 WB-H9451 TYP

1 WB-M9451

DRA-75

1 WB-M9451

INV EL 238.700

SWD-250 UP AND DOWN (BY OTHERS)

9 WB-M9452

VTA-50 UP AND DOWN (BY OTHERS)

9 WB-M9452

FOR THIS CONTRACT, END 75mm DRAIN PIPE 300mm BEYOND WALL BELOW

FOR THIS CONTRACT, END 100mm CLEANOUT PIPE 300mm BELOW SLAB, TYP

13mm TRAP SEAL PRIMER TO TRAP, TYP OF 2

239.410

TPD (BY OTHERS)

STAIRWELL NO. 4

STAIRWELL NO. 11

INV EL 239.450
PSW-100 UP AND DOWN (BY OTHERS)
INV EL 239.450
PW-50 (BY OTHERS)

KEY PLAN

WY WF WF WR WO WC WY WM WP WP WI WA

SCALE 1:100 METRES 0 2 4 6 8 10
SCALE 1:1 MILLIMETRES 0 20 40 60 80 100

SECOND FLOOR PLAN
1:100

APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441 Expiry: April 30, 2006

B.M. ELEV.

NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	2006/02/03	SW

CH2MHILL
Fredericksen Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	JZ/SW	CHECKED BY	DL
DRAWN BY	JMcP	APPROVED BY	DJT
SCALE:	1:100	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/08/02	DATE	2006/02/08

ENGINEER'S SEAL
ORIGINAL SIGNED BY
D.K. CUDDINGTON
2006/02/06

CONSULTANT DRAWING NO.
WR-H9122

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
RESIDUALS HANDLING
FOUNDATIONS AND CONCRETE STRUCTURES

PLUMBING
PIPE EMBEDS
RESIDUALS AREA SECOND LEVEL PLAN

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601R-A-H9122-001-00D

Last Save: 2006-02-02 6:37 PM

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