SHEET: COW-A1 (05/2005)

B3 B4 B5 B6 B7 B8 B9 B10

TOC 249.700 | TOC 249.100 | TOC 245.000 | TOC 239.410 | TOC 237.810 | TOC EL 237.300 TYP 3 PLACES | TOC 236.170 | TOC VARIES 231.250–232.400

BM12 BM6

300(W) x 200(H)CONC CURB, SEE 5 WB–S0456

1 WB–S0460 TYP

FOR REINF SEE PLAN DWG WR–S0131

MECHANICAL ROOM NO. 2

NOTES:

1. SEE DWG WR–S0101 FOR ADDITIONAL WALL REINFORCING.
2. SEE DWG WR–S0111 AND WR–S0121 FOR ADDITIONAL SLAB REINFORCING.

75mm THK NEOPRENE BEARING STRIP 01

260(W) x 200(H)CONC CURB, SEE 5 WB–S0456

35 EXP JT

REINF B WR–S0202

15M@400 DWLS 1800 (LONG) CENTERED IN WALL ABOVE

25M@200 T&B

15M@200 BOT

30M EF

25M BENT BARS

30M@300 EF

30M@200 EF

35M@200 EF DWLS

T.O. DWL EL 233.750, TYP

ADD BARS 5 TYP WB–S0452

3 WB–S0452 TYP IN EXTERIOR WALLS

℄ PILE EQ EQ ℄ PILE

LAP TYP AT TOP

850

1200

WASHWATER RECOVERY TANK NO. 1

ADD BARS 5 TYP WB–S0452

20M@200 TOP

HK TOP OF VERT COL REINF, TYP

15M@200 BENT BAR

400 1550 160

600 600

25M@200 T&B

4–30M, EF EQL SP HK @ DISCONTINUOUS ENDS, TYP 3 PLCS

3–30M T&B TYP 3 PLACES @ OPNGS, HK @ DISCONTINUOUS ENDS

30M@300 EF

30M@200 EF

35M@200 EF DWLS

2 WB–S0455

WASHWATER RECOVERY TANK NO. 2

NOTE: TYPICAL DETAIL FOR GRID LINE B4, B5 & B7, UNO.

FOR WALL REINF, SEE WALL REINF ALONG GRID B4

2 WB–S0455

EQ EQ LAP TYP AT BOT

ADD 30M@200 BOT BENT BARS (NET SPACING 100mm)

3900

30M@200 EW, T&B HK @ DISCONTINUOUS ENDS, TYP UNO

ADD 30M@200 x 5200 BOT CENTERED UNDER WALL (NET SPACING 100mm) TYP 3 PLACES

PILE, TYP

PILOT PLANT ROOM

20M@200 TOP

10M BENT BARS @ 200, TOP

25M@200 T&B

15M BENT BARS@200, BOT

20M BENT BARS@150, TYP 3 PLACES

50 400 460 690 300

TOC EL 238.500

15M U BARS @ 200 @ WEIR LOCATIONS, TYP 2 PLACES

15M BENT BARS@200, TYP 2 PLACES, IF

15M@200 T&B

300 1000 600 1000 300

50 160

15M@200 EF, HK @ DISCONTINUOUS ENDS, TYP 2 PLACES

15M BENT BARS @ 200, BOT

WASHWATER RECOVERY TANK NO. 3

2 WB–S0455

D WR–S0101 SECTION 1:50

WR–S0111, WR–S0121 WR–S0131, WR–S0141

5 WB–S0456 200X200 CONC CURB, TYP ALL AROUND OPNGS @ EL 239.410

600 600 160

FOR REINF SEE OPP HAND

WASHWATER RECOVERY TANK NO. 4

10 WB–S0456

ACCESS CORRIDOR #2

FOR REINF SEE OPP HAND

75mm THK NEOPRENE BEARING STRIP 01

190 300 300 300 200 185

200 200 ø100 200 200 150 2540

4 WB–S0456 TYP

CHKD PL 2 WB–S0462 TYP

1300

150(W)x100(DP) GUTTER, TYP

2200 OPNG

20M@200 EW

35 EXP JT

1 WB–S0501

2 WB–S0453

20M@200 EF, SEE 4 WB–S0452 FOR CORNER REINF

300 300 900 300

20M@200 BEND BAR

20M@200 BEND BAR, EW

75mm THK NEOPRENE BEARING STRIP 01

850

01 BACKGROUND HIDDEN LINES REVISED OR SHOWN FOR CLARITY.

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

NO.	REVISIONS	DATE	BY
01	583–2005 ADDENDUM 3	06/03/10	EL
00	ISSUED FOR TENDER	2006/02/03	EL

B.M. ELEV.

CH2MHILL Fredericksen Cooper ARCHITECTS | EarthTech A Tyco International Ltd. Company

DESIGNED BY	EL	CHECKED BY	AP
DRAWN BY	RL/CA	APPROVED BY	DJT
SCALE:	1:50	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/09/29	DATE	2006/02/08

ENGINEER'S SEAL

ORIGINAL SIGNED BY

D. KRUGER

2006/02/06

CONSULTANT DRAWING NO.

WR–S0204

Winnipeg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT

ENGINEERING DIVISION

WATER TREATMENT PLANT
RESIDUALS HANDLING
FOUNDATIONS AND CONCRETE STRUCTURES

STRUCTURAL
RESIDUALS HANDLING AREA
SECTION

CITY FILE NUMBER

SHEET OF

CITY DRAWING NUMBER

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