SHEET: COW-A1 (05/2005)

BD BC BB BA

TOC. 249.700
TOC. 249.100
TOC. 249.000
BM1
BM1
300W x 700H UPSTAND ALL AROUND, SEE BEAM SCHEDULE, TYP
2 TONNE MONORAIL (NIC) NO. CRN-F008 U/S BEAM SEE DET. 1 WF-S0405
AL GRATING FOR SUPPORT ALL AROUND GS-1 SEE DET 3 WB-S0462
NOTE: BACKGROUND CONTINUOUS/HIDDEN LINES REVISED OR SHOWN FOR CLARITY (TYP) 01
200Wx200H CONC. CURB. SEE DET. (TYP) 5 WB-S0456
7000
TOC. 245.000
300
TOC. 245.200
TOC. 245.000
01 4-30M CONTINUOUS
25M @200 EF.
BM1B
20M @200 EF.
FILTER INFLUENT CHANNEL
SEE DET. 5 WB-S0452
01
4-30M (400W) EF 7000 LONG TYP FOR 11 WALLS SEE ISO. 1 WF-S0125
FOR REINF SEE DWG. L WF-S0209
N
SEE DET. 5 WB-S0452
TOC. 240.740
300
800x1500H OPENING SEE DET. 2 WB-S0451
4-30M CONTINUOUS
TOC. 239.800
20M @200 T&B
15M @200 T&B
BACKWASH CHANNEL
TOC. 238.500
HYDROPHILIC WS SEE DET. 2 WB-S0455
FILTER NO. 7
ROUND OPENING SEE DET. 2 WB-S0451
4-30M CONTINUOUS
LIFTING EYE TYPE "2" U/S SLAB SEE DET. 3 WB-S0456
20M @200 T&B
6-30M CONTINUOUS
20M @150 T&B
25M @200 EF.
25M @200 EF.
75
16-15M TIES ON 300x300 GRID IN WALL CORNERS (8 LOCATIONS PER FILTER CELL, TYP.)
300 300 300 150
300 300 300 150
2000
FOR REINF. SEE DET. 1 -
75
TOC. 234.400
600
DOWELS 30M @200 EF 01
TOC. 233.100
300
400
HYDROPHILIC WS SEE DET. 2 WB-S0455
20M @200 T&B
20M @150 T&B
20M @200 EF.
DOWELS 30M @200 EF 01
1200 (TYP)
600
PILASTER SEE DET. 2 WB-S0472 01
WS SEE DET. 1 WB-S0456
TOC. 233.000
TOC. 232.800
3900
400 (TYP)
150
20M @200 EF.
SEE DET. 3 WB-S0472 SIM. 01
1 WB-S0501
TOC. 231.000
TOC. 231.000
1200
DOWELS 25M @200 EF.
200ø PERFORATED PE PERIMETER DRAIN SEE DET. 7 WB-S0451
EXP JT SEE DET. 1 WF-S0403

G WF-S0102 SECTION 1:50

WF-S0106 WF-S0125
WF-S0112 WF-S0132
WF-S0116 WF-S0136
WF-S0118 WF-S0142
WF-S0122 WF-S0147

NOTES:
1. SEE PLANS FOR SLAB REINFORCEMENT.

NOTE: 01
REINFORCEMENT TYPICAL FROM EL. 234.400 TO EL. 245.000 EXCEPT FOR WALL @ GL BB SEE DWG L WF-S0209

01 25M @200
3350
1600
2400
2400
30M @200
SET OF 3
30M @200 7300 LG
30M @200
SET OF 3
3350
1600
2400
25M @200 01
25M @200 01

AT ALL FILTER CELL CORNERS
AT ALL FILTER CELL TEES

N - SECTION NTS WF-S0201

0 -
3-30M
10M @100
350
400
3-30M
3-30M
0 - SECTION 1:25

1 - DETAIL 1:25 WF-S0115 WF-S0116

SCALE 1:50
SCALE 1:1
METRES 0 1 2 3 4 5
MILLIMETRES 0 20 40 60 80 100

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

B.M.
ELEV.

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

CH2MHILL
Fredericksen Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	KA	CHECKED BY	AP
DRAWN BY	PM	APPROVED BY	DJT
SCALE:	1:50	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/08/10	DATE	2006/02/08

ENGINEER'S SEAL
ORIGINAL SIGNED BY
D. KRUGER
2006/02/06
CONSULTANT DRAWING NO.
WF-S0206

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
FILTRATION
FOUNDATIONS AND CONCRETE STRUCTURES

STRUCTURAL
FILTRATION AREA
SECTIONS

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601F-A-S0206-001-01D

Last Save: 2006-03-13 5:03 PM

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