SHEET: COW-A1 (05/2005)

2

T.O. PARAPET
EL. 233.810

EXHAUST
ROOM

75x300 KEY

CB-3
BEYOND

20M DWLS @ 1800 o/c
TOP & BOTTOM
1500 | 600

FLOOR
PENETRATION

WALL PENETRATION

SEE DWG S3.05
FOR REINF.

EQUALIZER
TANK

CB-1

12-25M DOWELS
1000
2300

1200
LAP SPLICE

10M STIRRUPS @ 300 o/c
(QUADRUPLES)

COLUMN
CC-1

30-25M VERT
BARS

600

AA
S3.06

1000

AA S3.06 DETAIL CC-1
SCALE 1:20

COLUMN
CC-1

16-25M DOWELS
2400
1000

1600
LAP SPLICE

20M BARS @ 100 o/c
EACHWAY BOTTOM
1200 | 1200

SL-1

65
COVER

100
COVER

T.O. CONC. SLAB
EL. 223.910

1000

1
1

950

350

7-20M BARS @ 60 o/c
OVER PILES EACH WAY
1200 | 1200

VOIDFORM

D S3.02 DETAIL
SCALE 1:20

E S3.02 DETAIL
SCALE 1:20

4

BLOWER
ROOM

50 WIDE KEYWAY
FOR SLAB TYP.

20M DWLS @ 200 o/c
1100
600

SL-5

20M DWLS @ 200 o.c.
FOR SL-5
1100
600

20M DWLS @ 180 o/c
TOP & BOTTOM ALL AROUND
1500
600

200 THICK HOUSEKEEPING
PAD TYP. r/w 15M @ 200
o/c E.W. TOP & BOT. 15M
DOWELS @ 300 o/c
THROUGHOUT ENTIRE PAD
AREA

SL-3

T.O. CONC. SLAB
EL. 232.000

1300

800

75

75x500 KEY

25M VERT @ 200 o/c

20M HORZ @ 150 o/c

CW-4

50x300 KEYWAY
FOR SLAB ALL AROUND

T.O. CONC. SLAB
EL. 228.300

SL-4

20M DWLS @ 200 o/c
FOR SL-4, ALL AROUND
1100
600

SEE DWG S3.05
FOR REINF.

25M DOWELS @ 200 o/c
TYP. ALL 3 SIDES, PROVIDE
SIMILAR DOWELS FOR WALL
CW-3 BEYOND
2000
1000

1500
LAP SPLICE

25M DOWELS @ 200 o/c
TYP. ALL 3 SIDES, PROVIDE
SIMILAR DOWELS FOR WALL
CW-3 BEYOND
2000
400

F S3.02 DETAIL
SCALE 1:20

1 G

NOTE;
ALL PARAPET WALL SHALL BE TYPE
MW-1 BLOCK ALL SIDES.

BOND BEAM
R/W 2-15M CONT.

T.O. PARAPET
EL. 223.910

CONC. FILL ALL
BLOCKS IN
PARAPET TYP.

1-15M VERT.
@ 800 o/c

U/S ROOF SLAB
EL. 236.170

BOND BEAM
2-15M HORIZ BARS

T.O. BOND BEAM
EL. 226.210

BOND BEAM
2-15M HORIZ. BARS

20M VERT @ 800 o/c
EXTEND THRU BOND BEAM

LADDER REINF. EVERY
SECOND COURSE (TYP.)

1500 PROJ.

20M DWLS 2400 LG.
@ 800 o/c TO MATCH
REINF IN MASONRY WALL

15M DWLS @ 180 o/c
1200
600

200

FINISHED
GRADE

T.O. CONC. SLAB
EL. 223.910

GB-1

VOIDFORM

G S3.02 DETAIL
SCALE 1:20

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	06/05/15	WDB

EarthTech
A Tyco International Ltd. Company

DESIGNED BY	LLR	CHECKED BY	GGP
DRAWN BY	WDB	APPROVED BY	JEH
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	K. MARTENS
DATE	2006/04/10	DATE	2006/05/15

ENGINEER'S SEAL

ORIGINAL
SIGNED BY
L.L. RIDING
2006/05/15

CONSULTANT DRAWING NO.
S3.06

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT
NITROGEN REMOVAL FACILITY

CITY FILE NUMBER

SHEET OF

STRUCTURAL
SBR BUILDING
BUILDING DETAILS

CITY DRAWING NUMBER

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