SHEET: COW-A1 (05/2005)

REF. NORTH / TRUE NORTH

200mm PERFORATED PE PERIMETER DRAIN TO CITY OF WINNIPEG MANHOLE TYPE CW 2131-RS

10mm THICK S.S. 316 PLATE C/W NELSON STUDS 16ø @ 300 O/C EW. 75mm VENT HOLES @ 900 EW. SPECIAL ATTENTION FOR POURING CONCRETE. CONCRETE HAS TO COME OUT THROUGH HOLES. CLOSE HOLES WITH SAME KIND OF PLATE BY WELDING. (4 PLACES)

WASHWATER RECOVERY TANK NO. 1

WASHWATER RECOVERY TANK NO. 2

WASHWATER RECOVERY TANK NO. 3

WASHWATER RECOVERY TANK NO. 4

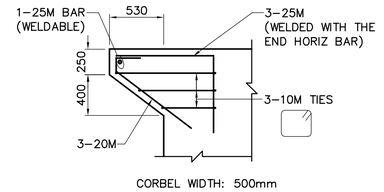
GRAVITY THICKENER NO. 1

GRAVITY THICKENER NO. 2

LOWER LEVEL PLAN
1:100

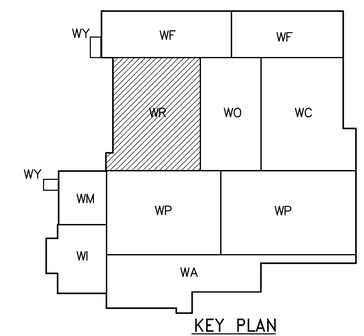
NOTES:

1. TYPICAL CORNER AND INTERSECTING REINFORCING, SEE 4 / WB-S0452 FOR ADDITIONAL INFORMATION.
2. FOR ADDITIONAL REINFORCING REQUIRED AROUND OPENINGS, SEE 2 / WB-S0451 TYP.
3. FOR REINFORCING DETAIL REQUIREMENTS, SEE GENERAL NOTES.
4. WALL CONSTRUCTION JOINTS NOT SHOWN, FOR SPACING REQUIREMENTS SEE 1 / WB-S0452 AND 2 / WB-S0452 . ADDITIONAL HORIZ. CONSTRUCTION JOINT SEE 5 / WB-S0452 .
5. SEE DRAWING WR-S0515 FOR COLUMN AND BEAM SCHEDULE.
6. SEE 2 / WB-S0451 FOR PIPE PENETRATIONS.
7. ENCASE ALL PIPING UNDER BUILDING IN CONCRETE. SEE 1 / WB-S0458 , 2 / WB-S0458 , 4 / WB-S0458 .



CORBEL WIDTH: 500mm

DETAIL 1 - CORBEL
N.T.S.



KEY PLAN

SCALE 1:100
SCALE 1:1
METRES 0 2 4 6 8 10
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
00	ISSUED FOR TENDER	2006/02/03	MH

CH2MHILL Fredericksen Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	MFC/MH	CHECKED BY	AP
DRAWN BY	DOC	APPROVED BY	DJT
SCALE:	1:100	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	05/09/02	DATE	2006/02/08

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

CONSULTANT DRAWING NO.
WR-S0101

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
RESIDUALS HANDLING
FOUNDATIONS AND CONCRETE STRUCTURES

STRUCTURAL
RESIDUALS HANDLING AREA
LOWER LEVEL PLAN

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601R-A-S0101-001-00D

Last Save: 2006-02-02 8:30 PM

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