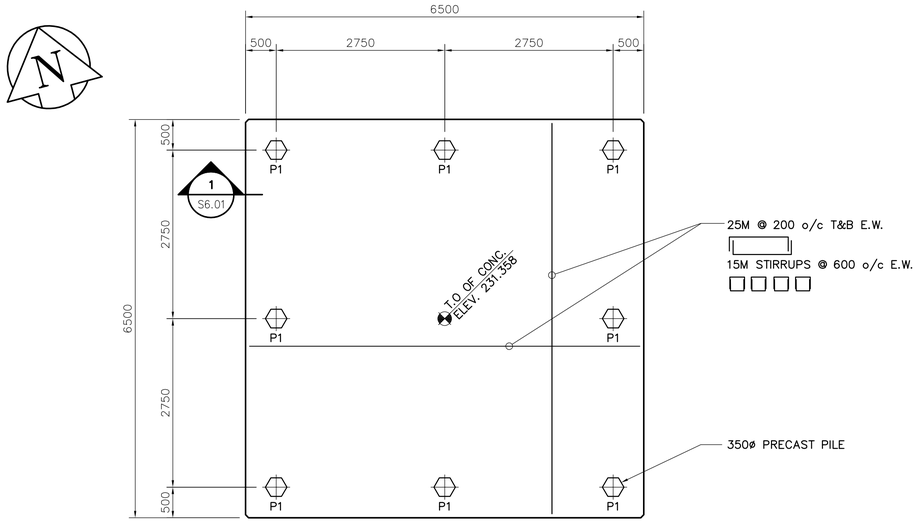
SHEET: COW-A1 (05/2005)



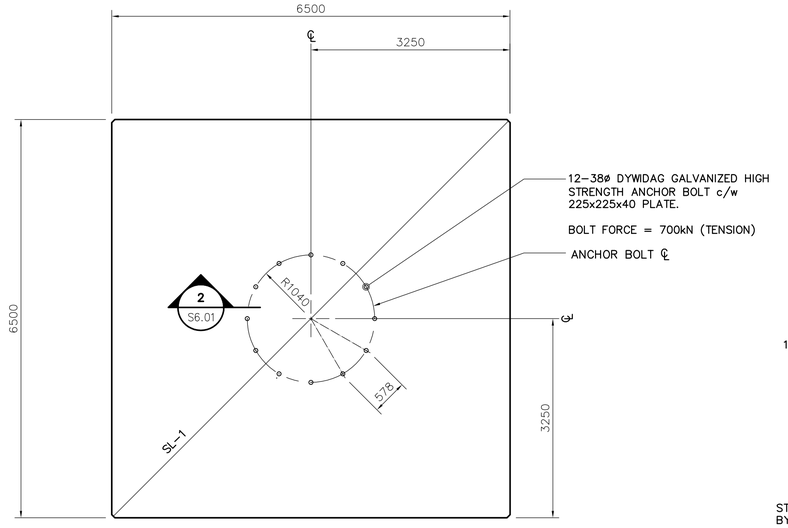
PILING AND FOUNDATION PLAN

SCALE : 1:50

DESIGN LOADS:

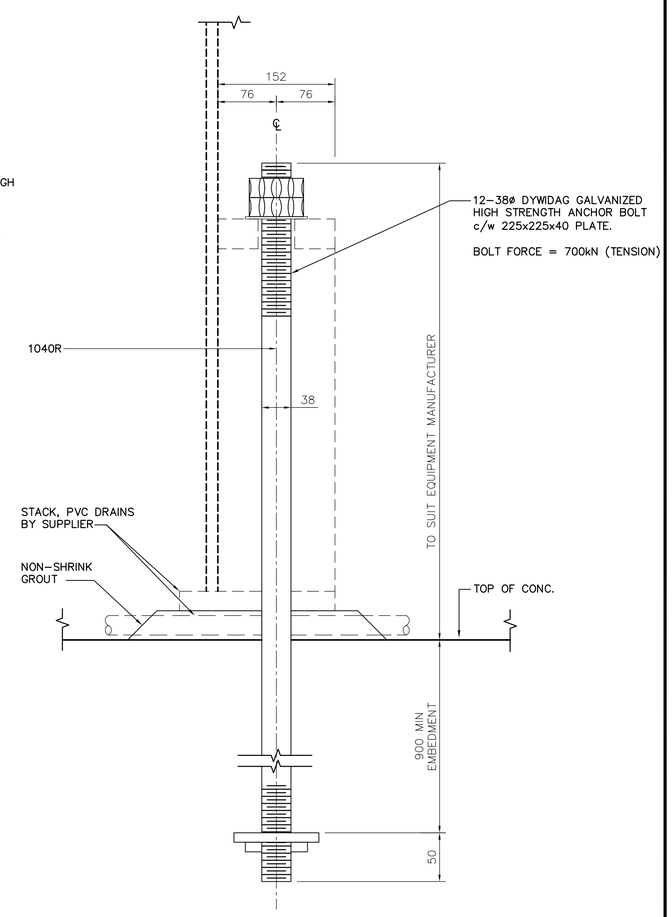
DEAD LOADS:
1. PAD SELF WEIGHT
2. STACK = 160kN

LIVE LOADS:
1. WIND SHEAR AT BASE = 65kN
2. WIND MOMENT AT BASE = 1424 kN-M



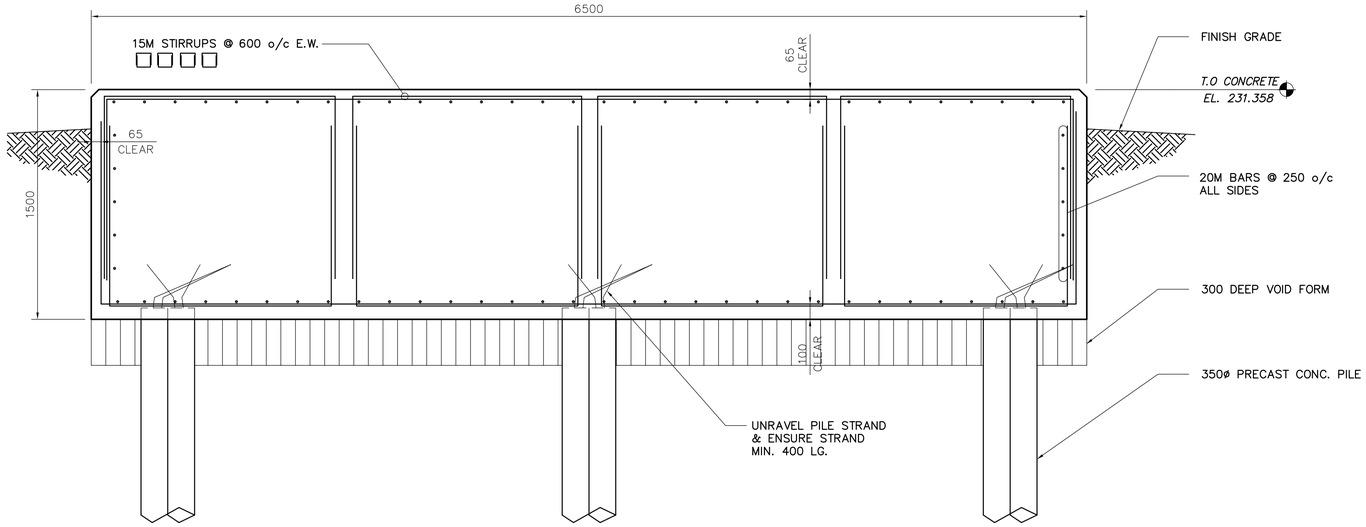
ANCHOR BOLT PLACEMENT PLAN

SCALE : 1:50



2 / S6.01 ANCHOR BOLT
SCALE N.T.S

NOTE:
REFER TO MANUFACTURER'S DRAWING FOR EXACT BOLT PATTERN, LOCATIONS



1 / S6.01 SECTION
SCALE 1:20

CONCRETE SLAB SCHEDULE

MARK	THICKNESS	REINFORCING			REMARKS
		TOP	BOTTOM	ADDITIONAL	
SL-1	1500	25M @ 200 o/c E.W.	25M @ 200 o/c. E.W.	15M STIRRUPS @ 600 o/c E.W.	1200 LG. BEND

PRE-CAST CONCRETE PILE SCHEDULE

MARK	DIAMETER	CUT-OFF	REMARKS
P-1	350	229.933	PRECAST PILE - PROJECT INTO SLAB 75mm, PRE-BORE 10M

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	CMF

EarthTech
A Tyco International Ltd. Company

DESIGNED BY	DWS/GGP	CHECKED BY	LLR
DRAWN BY	CMF	APPROVED BY	JEH
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	K. MARTENS
DATE	2006/04/06	DATE	2006/05/15

ENGINEER'S SEAL
ORIGINAL SIGNED BY
L.L. RIDING
2006/05/15

CONSULTANT DRAWING NO.
S6.01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT
NITROGEN REMOVAL FACILITY

CITY FILE NUMBER
SHEET OF

STRUCTURAL
STACK PAD
FOUNDATION PLAN, SECTIONS, SCHEDULES & DETAILS

CITY DRAWING NUMBER

L:\WORK\66000\66303CEN\02A-CAD\IND\CONTR\NITROGEN\STACK\S6-01.DWG

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