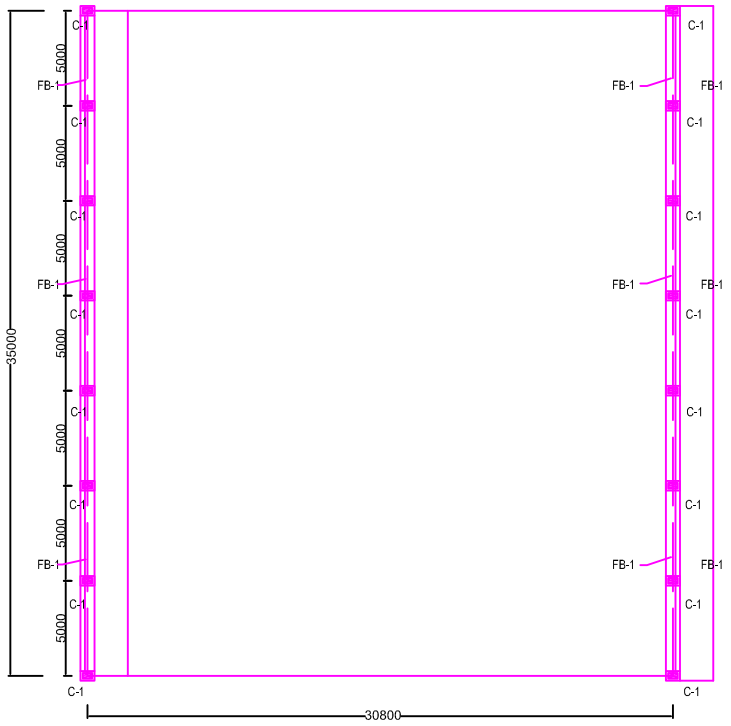
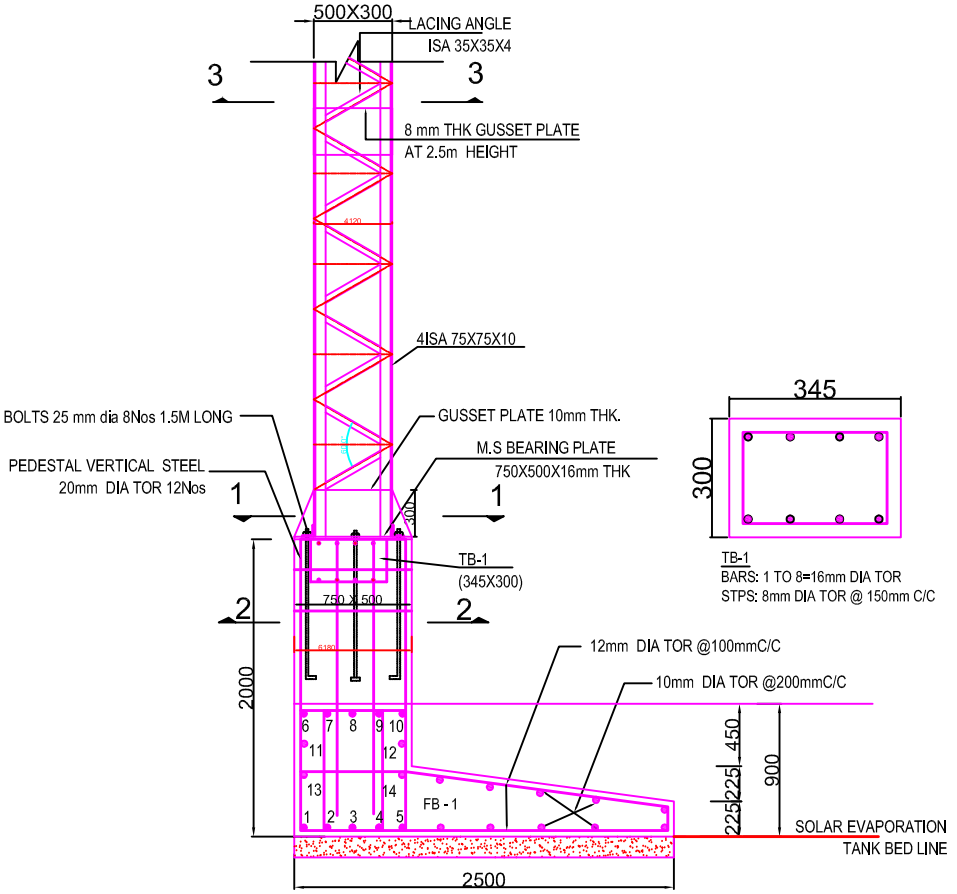


FOUNDATION EXCAVATION & KEY PLAN



COL. C-1

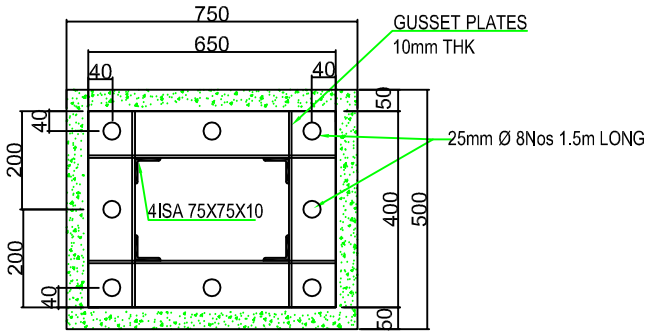
FB - 1

BARS: 1 TO 10 = 20 mm dia tor
11 TO 14 = 12 mm dia tor

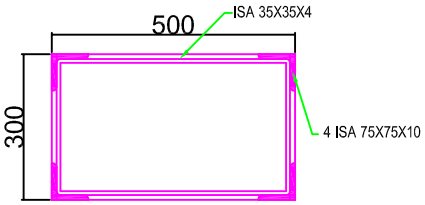
STPS : 10 mm dia tor 4 L @150mm through out

NOTES

1. DIMENSIONS ARE TO BE READ & NOT TO BE SCALED OFF.
2. ALL DIMENSIONS ARE IN mm.
3. CODES & SPECIFICATIONS :
   i) STRUCTURE STEEL SHALL CONFORM TO IS. 226.
   ii) WELDING SHALL CONFORM TO IS. 816.
   iii) FABRICATION & ERRECTION SHALL IN ACCORDANCE TO IS. 800
4. COLUMNS SHOULD HAVE FULL BEARING ON BASE PLATES.
5. WELDS ARE TO BE GROUND SMOOTH WHERE SHOWN OR RECQUIRED.
6. ALL WELDS ARE 6 mm. THK UNLESS NOTIFIED OTHERWISE.
7. PAINTING : ONE COAT OF PRIMER PAINT OF APPROVED COLOUR & QUALITY AT SHOP & SECOND COAT OF THE SAME PRIMER PAINT AFTER ERRECTION & FOLLOWED BY TWO COATS OF PAINT OF APPROVED COLOUR.
8. PROCEDURE FOR WELDING :
   i) TACK EELDING @ 300 mm.
   ii) INTERMITENT WELDING FOR 150 mm. STRETCH.
   iii) COMPLETE BALANCE WELDING TO MAKE IT CONTINOUS.
9. ALL GUSSET PLATES SHOULD BE 8mm THK.

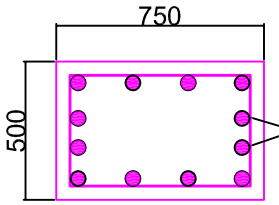


SECTION AT 1-1



SECTION AT 3-3 (COL. SECTION)

MAIN ANGLE : 4 ISA 75X75X8
LACING ANGLE : ISA 35X35X4



TIES : 10mm dia tor @150mm c/c

SECTION AT 2-2

CONFIDENTIAL

PROJECT: SOLAR EVAPORATION POND

CLIENT: CONFIDENTIAL

PROJECT NO. :

STRUCTURE

FOUNDATION EXCAVATION & KEY PLAN
COL - C1 DETAILS
SEC AT 1-1, 2-2,3-3

ENGINEER	CONFIDENTIAL
DRAWN BY :	AMARDEEP SINGH
SCALE :	N.T.S
DATE : 26/11/2004	DRG. NO. : S1