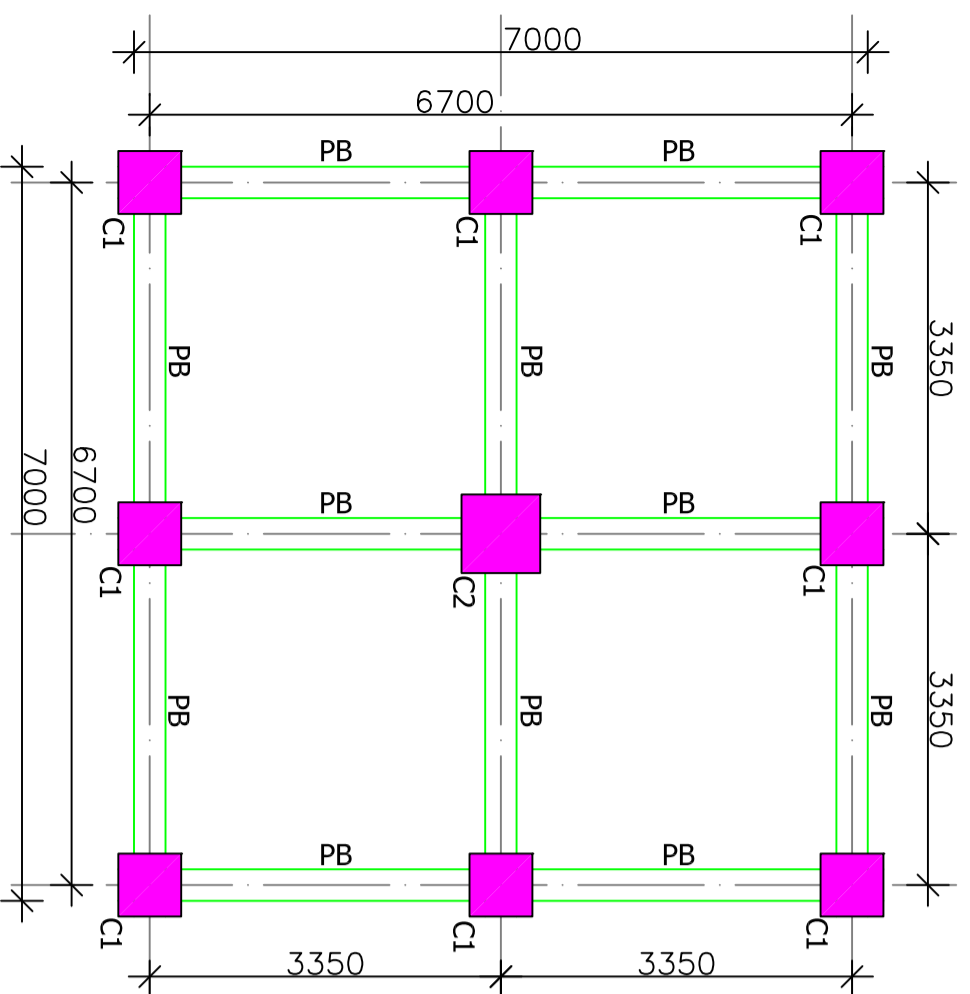


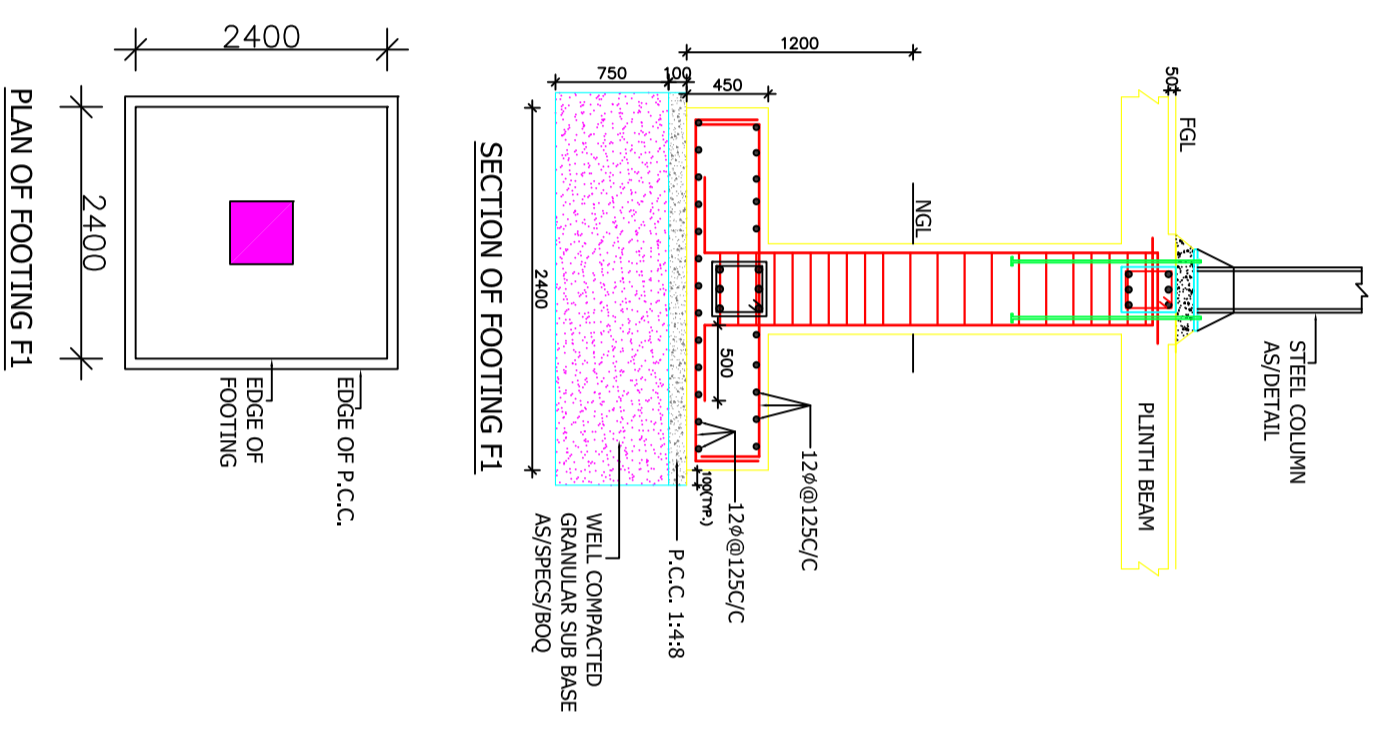
FOUNDATION PLAN



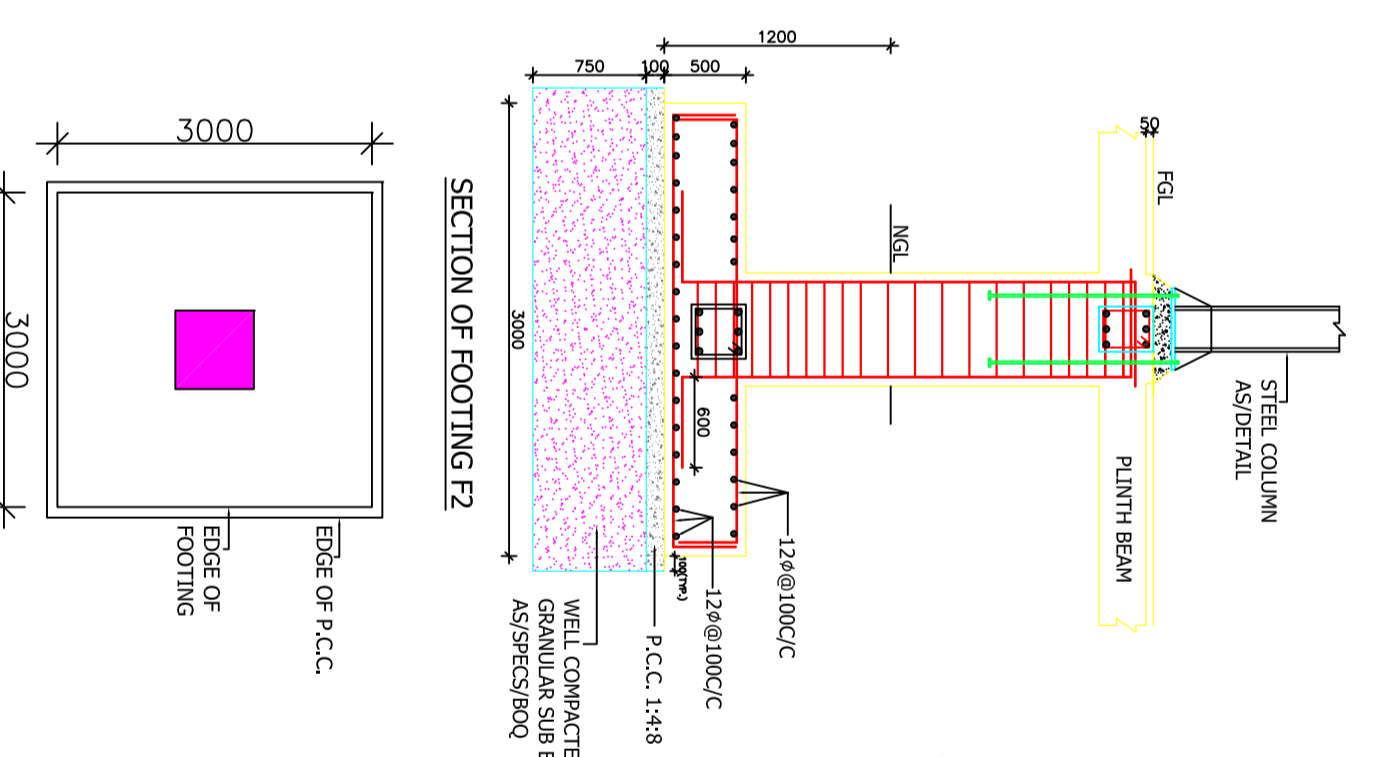
PLINTH BEAM PLAN

FOOTING NAME	SIZE INmm (B X L)	DEPTH IN MM (D)	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
			LONG	SHORT	LONG	SHORT
F1	2400X2400	450	120@125C/C	125C/C	120@125C/C	125C/C
F2	3000X3000	500	120@100C/C	100C/C	120@100C/C	100C/C

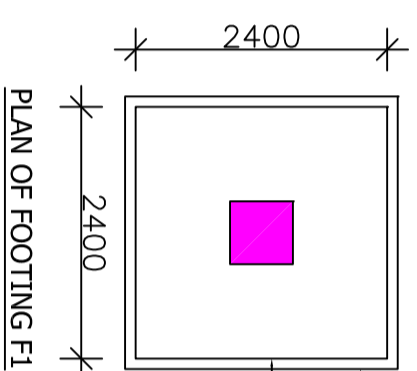
SCHEDULE OF FOOTING



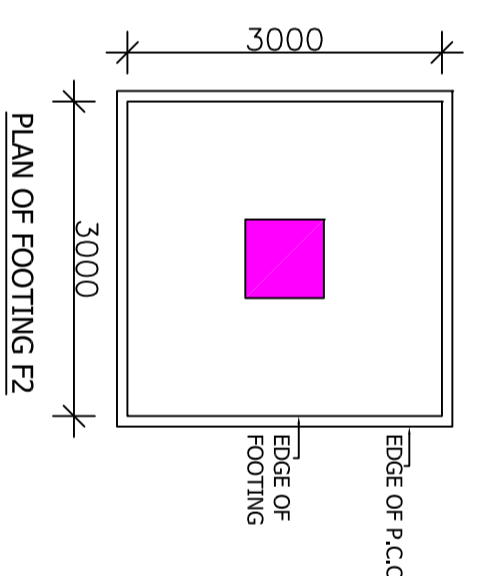
SECTION OF FOOTING F1



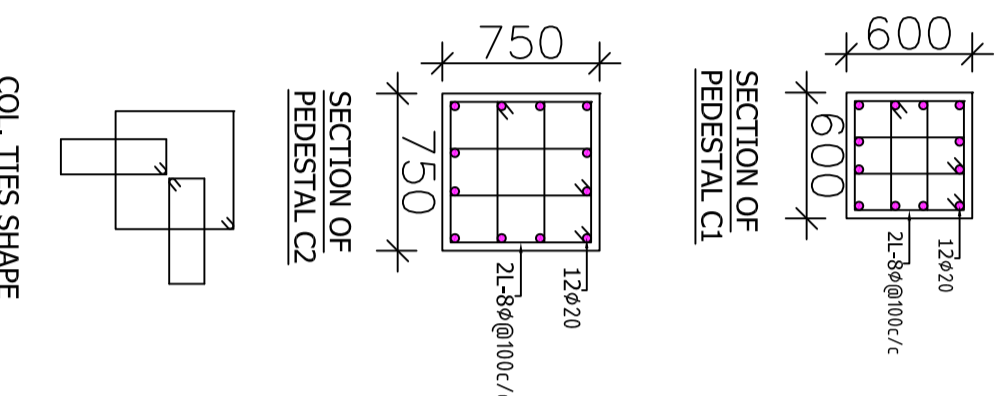
SECTION OF FOOTING F2



PLAN OF FOOTING F1



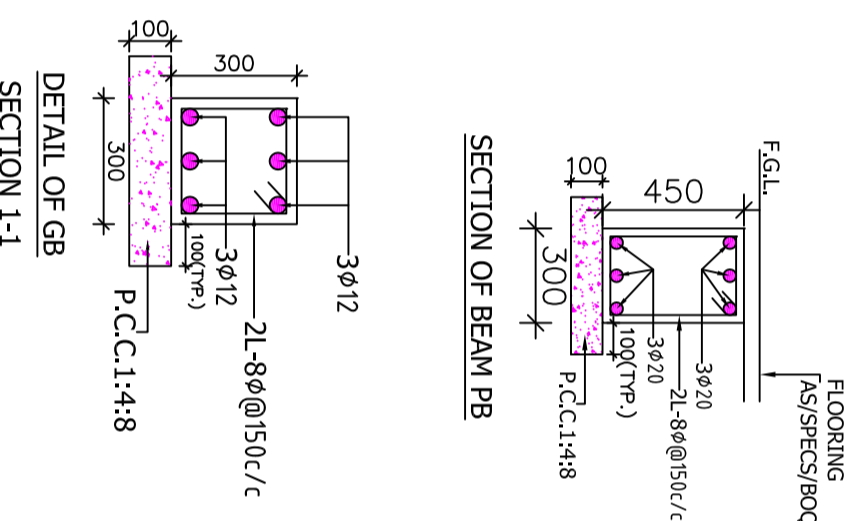
PLAN OF FOOTING F2



SECTION OF PEDESTAL C1

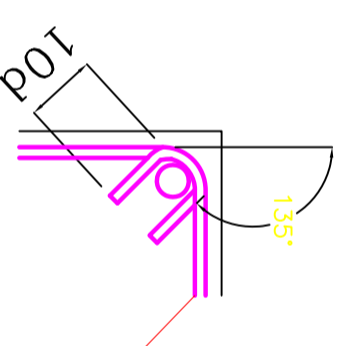
SECTION OF PEDESTAL C2

COL. TIES SHAPE

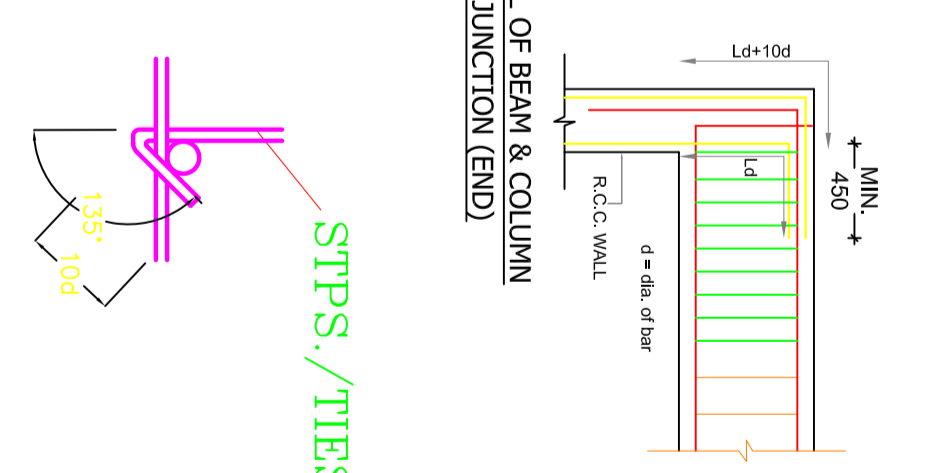


SECTION OF BEAM PB

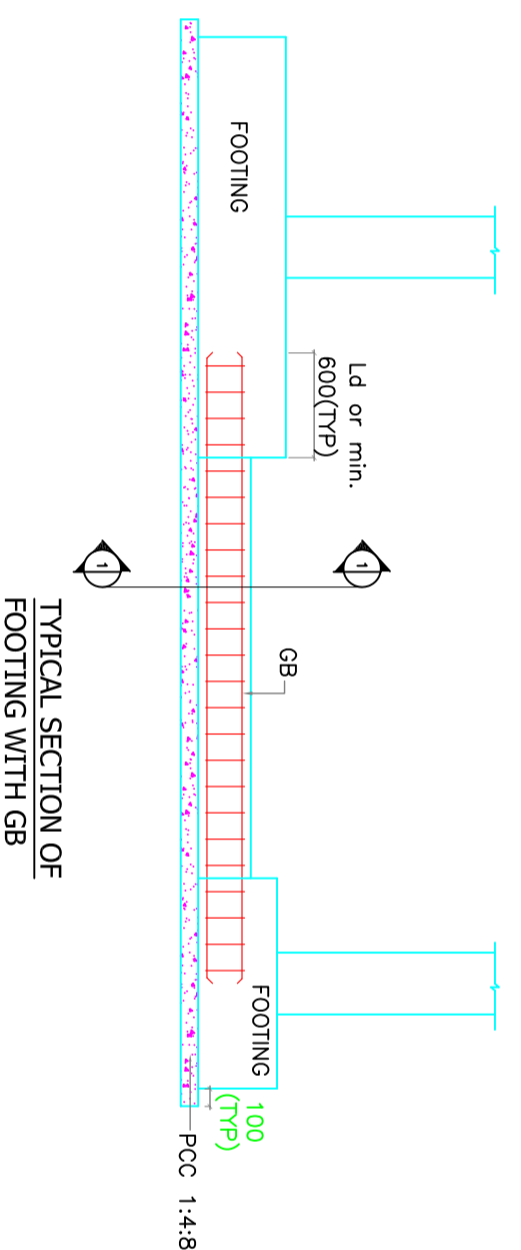
DETAIL OF GB



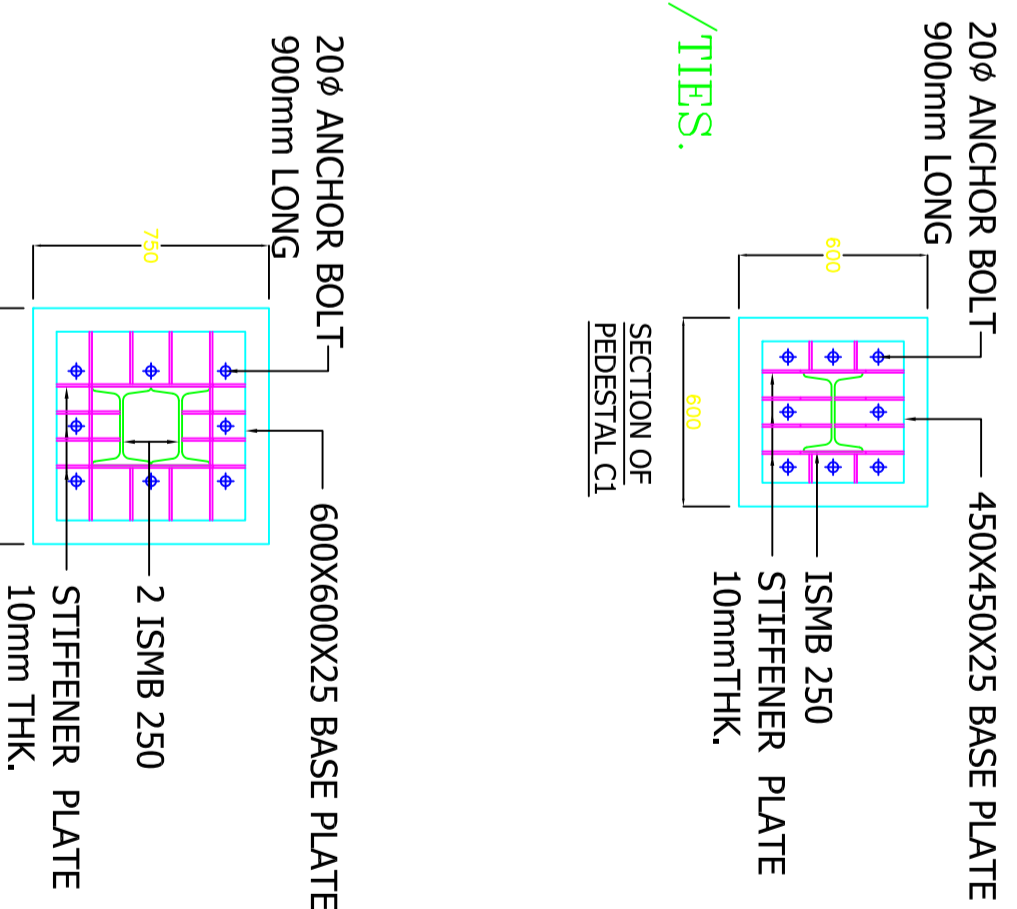
TYPICAL JOINT DETAIL OF STEEL COLUMN & R.C.C. COLUMN



DETAIL OF BEAM & COLUMN JUNCTION (END)



TYPICAL SECTION OF FOOTING WITH GB



200 ANCHOR BOLT 900mm LONG  
200 ANCHOR BOLT 900mm LONG  
450X450X25 BASE PLATE  
ISMB 250 STIFFENER PLATE 10mm THK.

6000X600X25 BASE PLATE  
2 ISMB 250 STIFFENER PLATE 10mm THK.

- GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
  2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, ENGINEERING DRAWINGS AND ANY DISCREPANCY NOTED SHOULD IMMEDIATELY BE BROUGHT TO THE NOTICE OF THE ENGINEER IN CHARGE.
  3. IN CASE OF ANY DISCREPANCY IN DIMENSION, THE DIMENSION OF ARCHITECTURE DRAWING PREVAIL.
  4. THE STRUCTURAL DESIGN INCLUDING SAFETY FROM NATURAL HAZARDS SPECIAL REQUIREMENTS BASED ON SOIL CONDITIONS, HAS BEEN DONE IN ACCORDANCE WITH THE BUILDING & ITS FOUNDATION, 5. ALL MAIN WALLS ARE OF 230 MM.
  6. LEAD COVER TO ALL MAIN REINFORCEMENT BARS SHALL BE: FOR SLAB - 25MM, COLUMNS - 50MM, BEAMS - 30MM, FOUNDATION - 75MM.
  7. ALL STEEL REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH PERFORMED BARS CONFORMING TO IS: 1786-1985 WITH MIN. YIELD STRESS 122N/mm<sup>2</sup> (50 KSI) AND TENSILE STRENGTH 460N/mm<sup>2</sup> (105 KSI).
  8. REINFORCED CONCRETE SHALL BE DESIGN MIX 1:2:20 CONFORMING TO IS: 456-2000.
  9. CENTER OF FOOTING AND CENTER OF COLUMN SHALL BE KEPT SAME.
  10. WATER FOR CONSTRUCTION PURPOSE SHALL CONFORM TO CLAUSE 5.4.1 OF IS: 456-2000.
  11. REINFORCEMENT IN SHORT SPAN SHALL BE PLACED IN BOTTOM LAYER IN SLABS.
  12. LAP SHOULD NOT BE PROVIDED.
  13. LAP SHOULD NOT BE PROVIDED.
  14. LAP SHOULD NOT BE PROVIDED.
  15. LAP SHOULD NOT BE PROVIDED.
  16. LAP SHOULD NOT BE PROVIDED.
  17. LAP SHOULD NOT BE PROVIDED.
  18. NO FOUNDATION SHALL REST ON LOOSE SOIL, STRATA IN CLAYE LOOSE SOIL FOUND ARCHITECT/CONTRACTOR MUST BE CONSULTED.
  19. NET SAFE BEARING CAPACITY OF SOIL HAS BEEN TAKEN AS 70 T/M<sup>2</sup> AT 2M DEPTH AS PER OTHERS.
  20. ALL STRUCTURAL STEEL SHALL CONFORM TO IS: 2062:2011 - GRADE: 250.
  21. ALL WELDING SHALL CONFORM TO IS: 817:2015 & MATERIALS FOR WELDING AS PER RELEVANT IS SPECIFICATION.
  22. ALL BOLTS SHALL CONFORM TO IS: 1786:1985.
  23. ALL HOLES SHALL BE DRILLED & WITHIN PERMISSIBLE TOLERANCE.
  24. USE ONLY NON-SHRINK GROUT FOR GROUTING BELOW BASE PLATE.
  25. THE DESIGN OF STEEL STRUCTURE IS IN ACCORDANCE WITH IS: 800:2007 & WIND LOAD AS PER IS: 875 (PART-2) 2015 & BEARING CAPACITY.
  26. STRUCTURE TO BE PAINTED WITH ONE COAT OF RED LEANED OXIDE ZINC CHROMATE PRIMER AS COAT OF PAINT (PAIN) AS PER APPROVED BRAND GRADE & QUALITY.
  27. ALL ERECTION TO CONFORM TO IS: 7005.
  28. CONTRACTOR TO PREPARE SHOP DRAWINGS & GET APPROVAL OF ENGINEER IN CHARGE BEFORE START OF FABRICATION.

COMPLETION STAGE  CONSTRUCTION STAGE

TENDER STAGE  CONCEPTUAL STAGE

CLIENT: Bhogapuram International Airport Corporation Ltd (GOVT. OF ANDHRA PRADESH)

CONSULTANT: RITES THE INFRASTRUCTURE PEOPLE AIRPORTS DIVISION (ISO - 9001 CERTIFIED)

JOB TITLE: DEVELOPMENT OF GREEN FIELD AIRPORT AT ORVAKALLU (KURNOOL, A.P., FOR DAY VFR OPERATIONS OF ATR 72 AIRCRAFT)

DRAWING TITLE: STEEL STRUCTURE STAGING FOR 1.0 LAKH LITRE CAP. WATER TANKS FOUNDATION PLAN & DETAILS

Job. No. \_\_\_\_\_ Date \_\_\_\_\_

Scale \_\_\_\_\_ Revision \_\_\_\_\_

NTS \_\_\_\_\_

DRAWN: DEALT P.0080 APPROVED BY: \_\_\_\_\_