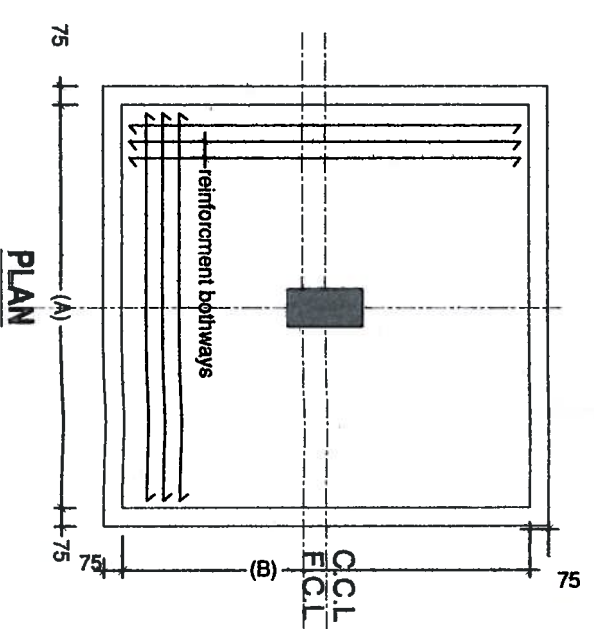
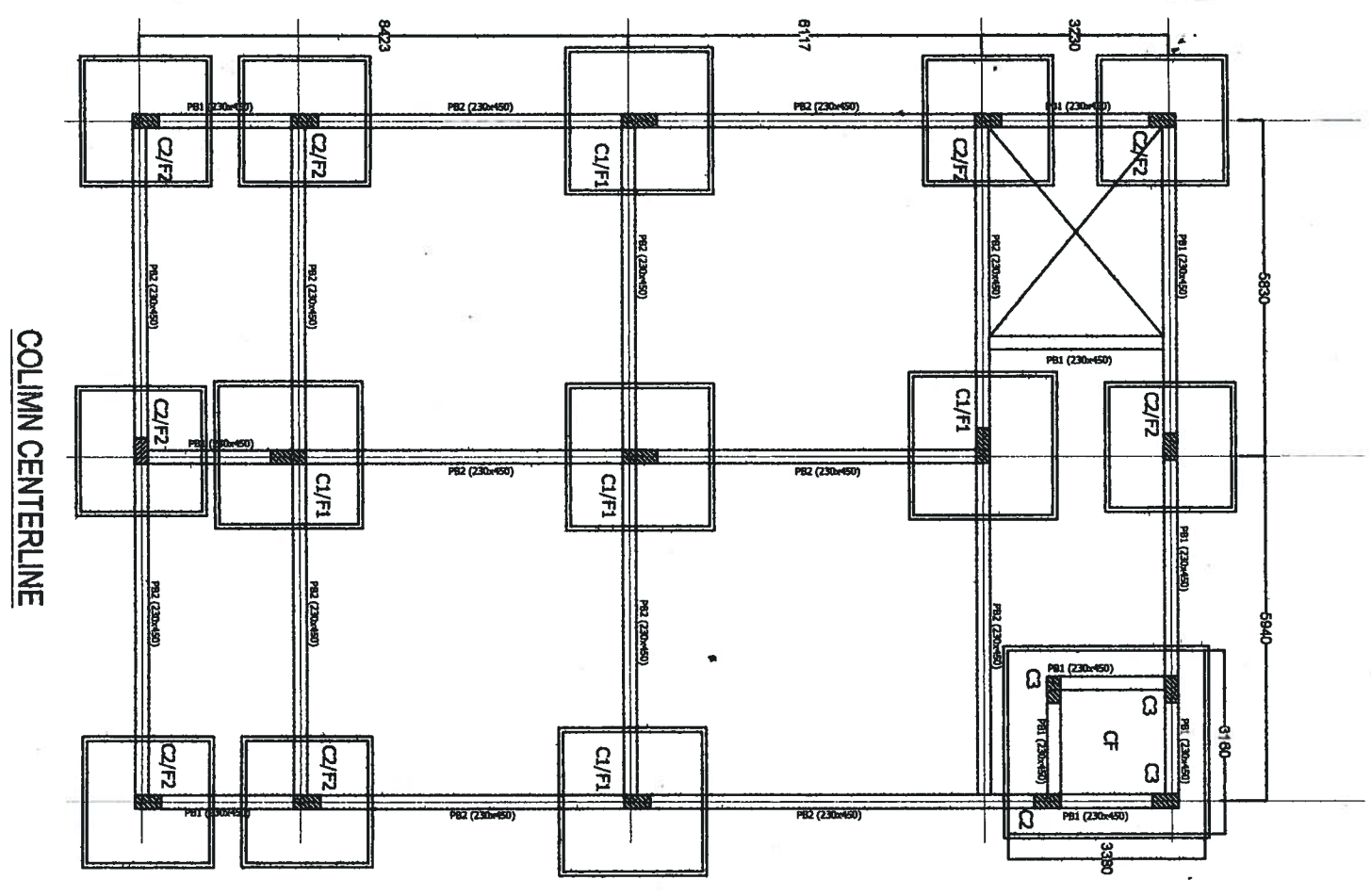
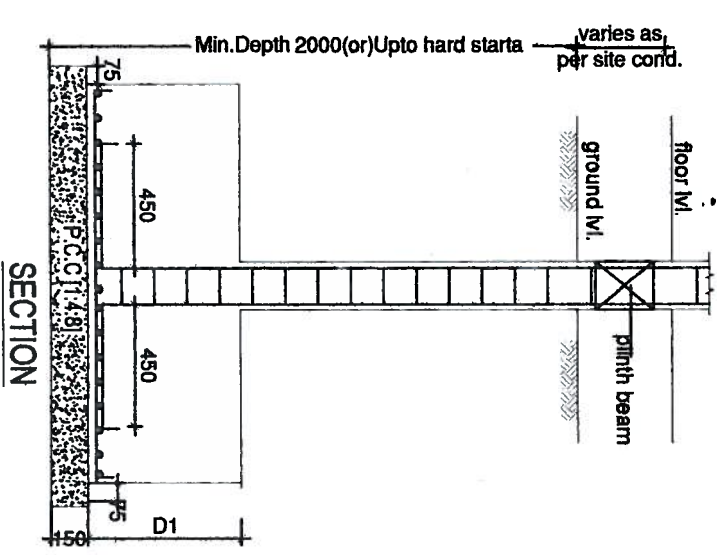


COLUMN SECTION DETAILS				FOOTING DETAILS						
TYPE	MIX	COLUMN SIZE	SECTION	REINFORCEMENT	SNO	FOOT SIZE	A	B	D1	REINFORCEMENT
C1	M25	230x600		#4nos-25@4-200 #8@200 c/c 2-lbs	1	F 1	2400	2400	750	16@150c/c bothways
C2	M25	230x600		#4nos-20@4-16@ #8@200 c/c 2-lbs	2	F 2	2100	2100	600	12@125c/c bothways
C3	M25	230x450		#4nos-20@4-16@ #8@200 c/c 2-lbs	3	F 3	1800	1800	525	12@150c/c bothways
					4	CF	3160	3380	750	16@150c/c bothways top & bottom



PLINTH BEAM SECTION



SECTION

PLAN

COLUMN CENTERLINE

GENERAL NOTE

- USE M25 GRADE OR CONCRETE FOR COLUMN FOOTINGS;
- BEAMS & SLABS (RATIO AS PER DESIGN MIX);
- USE FE 500 GRADE TOR STEEL;
- FOOTING IS DESIGN FOR STILL & UPPER FOUR FLOORS;
- B.B.C OF THE WALL IS TAKEN AS PER SOIL REPORT;
- USE FE 500 GRADE TOR STEEL;
- PROVIDE CLEAR COVER TO STEEL 40MM FOR COLUMNS, 50MM FOR FOOTINGS, 25MM FOR BEAMS AND 20MM FOR SLABS;
- PROVIDE 25MM CLEARANCE AT FREE END FOR CASTLE LATCHER BEAMS & SLABS;
- IN SLAB EXTEND -1/2 STEEL UPTO 0.30L FROM FACE OF SUPPORT;
- DO NOT PROVIDE EXTRA REINFORCEMENT AT SUPPORTS;
- LAP LENGTH 48 D OR 15 IS THE DIA OF THE BAR; 1.25 LAP LENGTH FOR TOP BARS;
- LAP LENGTH 52 D OR 15 IS THE DIA OF THE BAR; 1.25 LAP LENGTH FOR BOTTOM BARS;
- DESIGNED FOR ZONE-II EARTHQUAKE LOADS AS PER IS 18931-2002 & WIND LOADS AS PER IS 875 PART-3;
- ALL THE DIMENSIONS ARE IN MILLIMETERS;

PLAN SHOWING THE PROPOSED GATED COMMUNITY LAYOUT CUM GROUPHOUSING IN SY. NO.798 (P) SITUATED AT MIRIVALAGUDA VILLAGE AND MANDAL, NALGONDA DISTRICT, TELANGANA.

BELONGING TO:

- MRS. AVASUDHA REDDY W/O.LATE. SRI. VEERA REDDY
- SRI. A. SUJAY REDDY S/O.LATE. SRI. VEERA REDDY
- SRI. A. AJAY REDDY S/O.LATE. SRI. VEERA REDDY

AMENITIES BLOCK

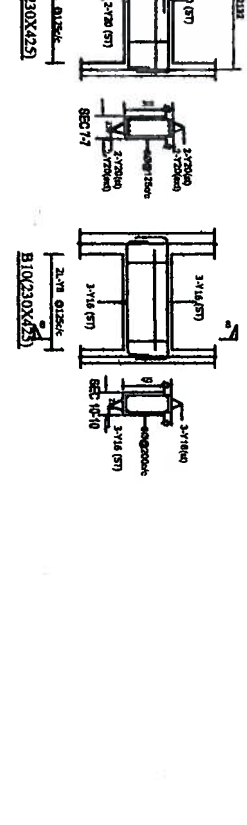
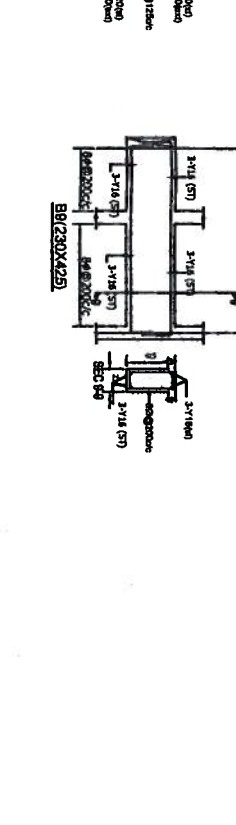
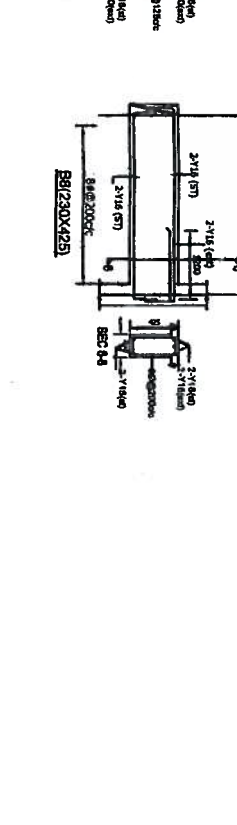
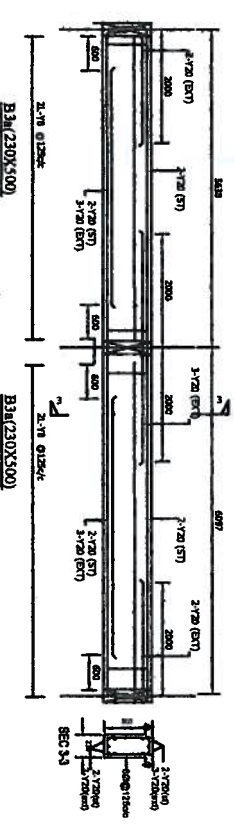
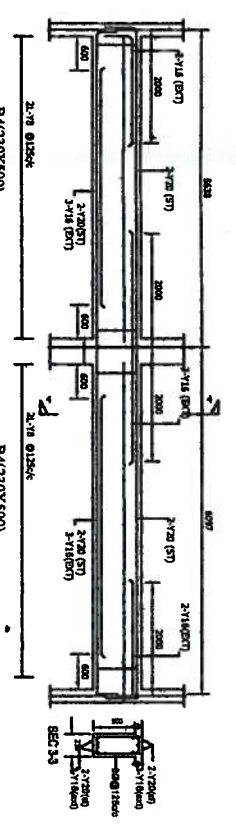
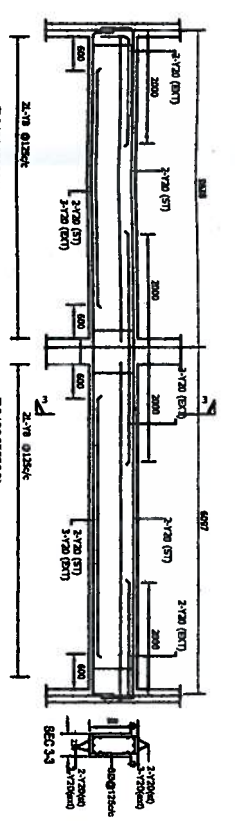
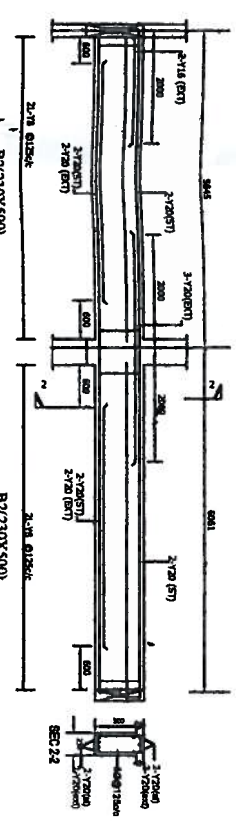
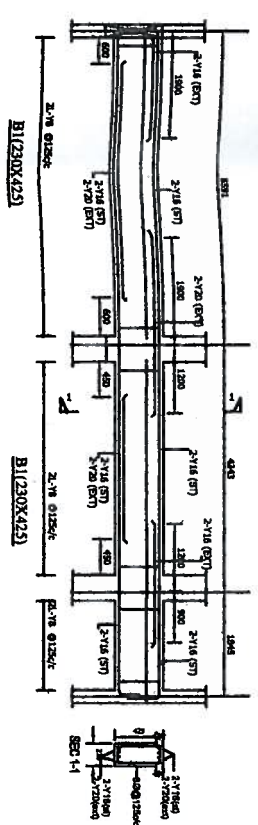
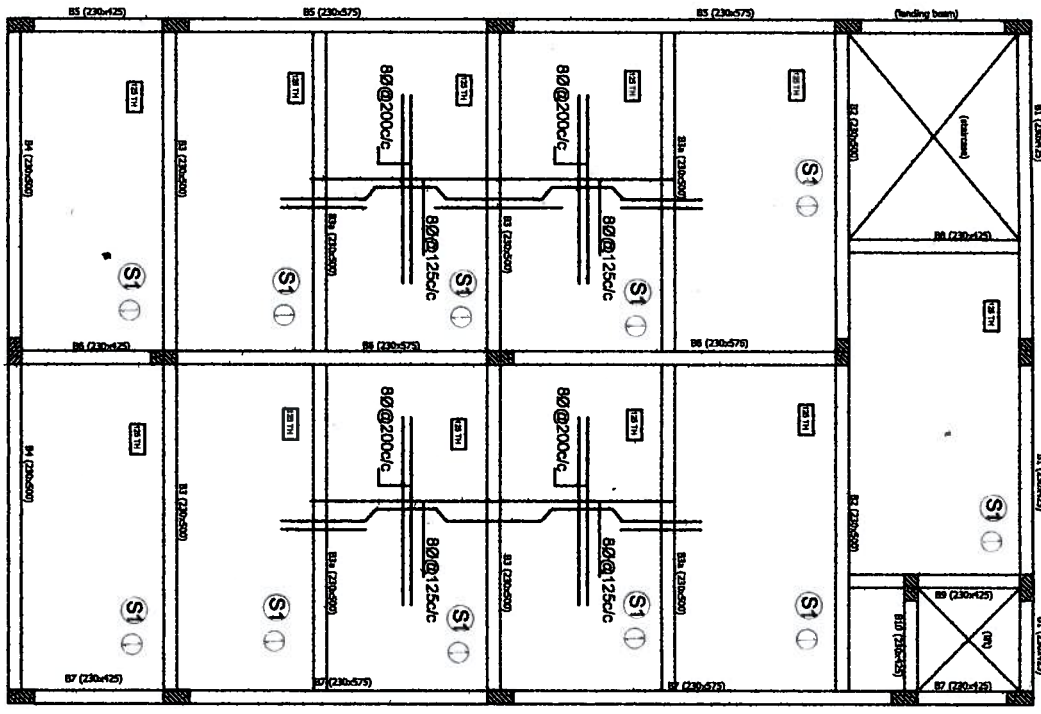
NORTH

COLUMN & FOOTING SECTION DETAILS

Structural Engineer's Signature:

**M. DATTA RAO**  
STRUCTURAL ENGINEER  
M. Datta Rao  
G.M.C License No. 134

SHEET NO. : 1



- GENERAL NOTES**
1. USE M25 GRADE OF CONCRETE FOR COLUMNS, FOOTINGS,
  2. BEAMS & SLABS. (RATIO AS PER DESIGN MIX).
  3. USE FE 500 GRADE TOR STEEL.
  4. FOOTING IS DESIGN FOR STILT & UPPER FOUR FLOORS.
  5. S.B.C OF THE SOIL IS TAKEN AS PER SOIL REPORT.
  6. USE FE 500 GRADE TOR STEEL.
  7. PROVIDE CLEAR COVER TO STEEL, 40mm FOR COLUMNS, 50mm FOR FOOTINGS, 25mm BEAMS AND 20mm FOR SLABS.
  8. PROVIDE 25MM CAMBER AT FREE END FOR CANTILEVER BEAMS & SLABS.
  9. IN SLAB EXTEND -VE STEEL UP TO 0.30L FROM FACE OF SUPPORT.
  10. DO NOT PROVIDE EXTRA REINFORCEMENT AT SIMPLE SUPPORTS.
  11. LAP LENGTH 48 D (D IS THE DIA OF THE BAR) IN COMPRESSION.
  12. LAP LENGTH 52 D (D IS THE DIA OF THE BAR) IN TENSION.
  13. DESIGNED FOR ZONE-II EARTHQUAKE LOADS AS PER IS 1893 -2002 & WIND LOADS AS PER IS 875 PART-3.
  14. ALL THE DIMENSIONS ARE IN MILLIMETRES.

PLAN SHOWING THE PROPOSED GATED COMMUNITY LAYOUT CUM GROUPHOUSING IN SY. NO.786 (P) SITUATED AT MIRYALAGUDA VILLAGE AND MANDAL, NALGONDA DISTRICT, TELANGANA.

**BELONGING TO:**

1. MRS. A. VASUDHA REDDY  
W/O. LATE. SRI. VEERA REDDY
2. SRI. A. SUJAY REDDY  
S/O. LATE. SRI. VEERA REDDY
3. SRI. A. AJAY REDDY  
S/O. LATE. SRI. VEERA REDDY

AMENITIES BLOCK

TYPICAL SLAB & BEAM SECTION DETAILS

NORTH



Structural Engineer's Signature :

*M. Dattatraya Rao*  
M. Dattatraya Rao  
STRUCTURAL ENGINEER  
GHMC License No. GHMC/11/12/13