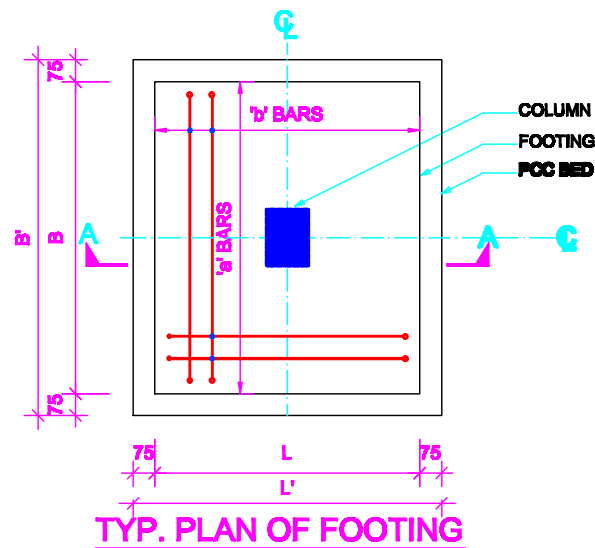


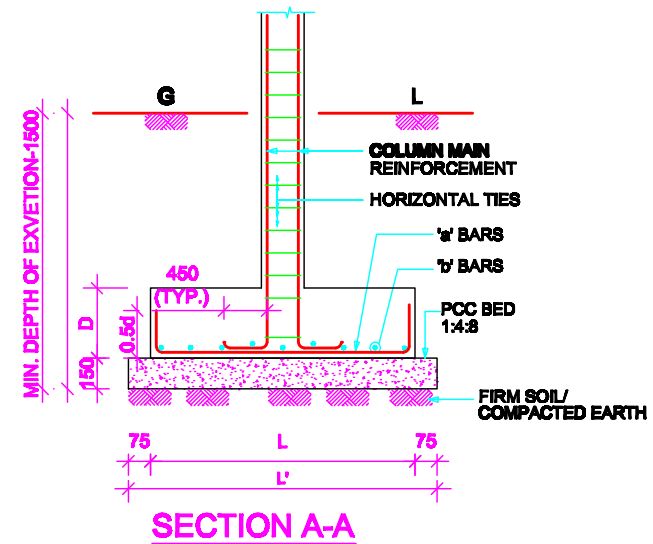
**KEYPLAN OF CENTRELINE DIMENSIONS, COLUMNS AND COLUMN FOOTINGS**

**SCHEDULE OF FOOTINGS**

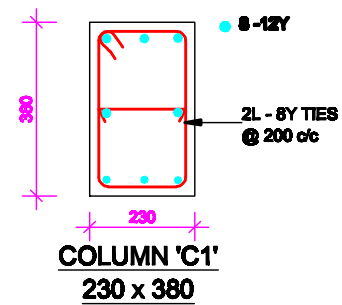
FOOTING	EXCAVATION SIZE		FOOTING SIZE		DEPTH 'D'	REINFORCEMENT		GRADE OF CONCRETE
	L'	B'	L	B		'x' BARS	'y' BARS	
F1	2000	x 2150	1850	x 2000	400	12Y@ 160 C/C	12Y@ 160 C/C	M20
F2	1750	x 1900	1600	x 1750	300	10Y@ 140 C/C	10Y@ 140 C/C	M20
F3	1600	x 1750	1450	x 1600	300	10Y@ 140 C/C	10Y@ 140 C/C	M20
F4	1500	x 1650	1350	x 1500	300	10Y@ 150 C/C	10Y@ 150 C/C	M20
F5	1350	x 1350	1200	x 1200	300	10Y@ 150 C/C	10Y@ 150 C/C	M20



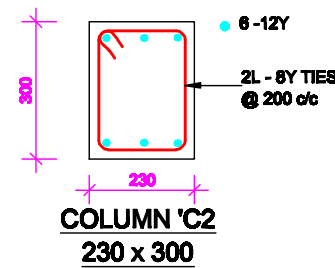
**TYP. PLAN OF FOOTING**



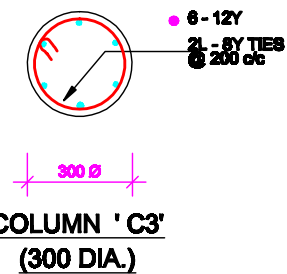
**SECTION A-A**



**COLUMN 'C1'  
230 x 380**



**COLUMN 'C2'  
230 x 300**



**COLUMN 'C3'  
(300 DIA.)**

**NOTE:**  
1. GRADE OF CONCRETE M20.  
2. GRADE OF STEEL Fe 415.

**NOTE:**  
THIS DRAWING IS ONLY FOR ESTIMATION PURPOSE AND NOT FOR EXECUTION.

**NOTES AND SPECIFICATIONS:**

- ALL DIMENSIONS ARE IN MILLIMETRES.FOLLOW THE WRITTEN DIMENSIONS AND DO NOT SCALE THE DRAWING.
- READ THE DRAWING ALONG WITH RELEVANT ARCHITECTURAL DRAWING AND CO-RELATE THE DETAILS. ANY DISCREPANCY IN THE SAME MAY BE BROUGHT TO THE NOTICE AT THE CONSULTANT BEFORE COMMENCEMENT OF WORK.
- THE CEMENT STRENGTH SHOULD BE ASSESSED BEFORE CASTING THE QUALITY STRENGTH AND OTHER STANDARDS SHOULD CONFORM TO THE SPECIFICATION IN IS-2800 AND IS-9112 AS PER THE RELEVANT AND APPLICABLE STANDARDS. ADOPT M20 BY MIX DESIGN FOR ALL ROC STRUCTURAL MEMBERS.
- STEEL TO BE USED IN REINFORCEMENT SHOULD BE:
  - TESTED QUALITY HIGH YIELD STRENGTH DEFORMED BARS(WHEREVER DENOTED AS 'Y') WHOSE STANDARDS SHOULD STRICTLY CONFORM TO THE SPECIFICATIONS IN IS-1786 AND IS-1786-1986. (THE PROOF STRESS OF WHICH SHOULD BE 416 N/mm<sup>2</sup>).
  - TESTED QUALITY MILD STEEL ROUND BARS (WHEREVER DENOTED AS 'Ø') WHOSE STANDARDS SHOULD CONFORM TO THE SPECIFICATION IN IS-432.
- CLEAR COVER TO THE MAIN REINFORCEMENT SHOULD BE:
  - 60 mm FOR FOOTINGS
  - 40 mm FOR COLUMNS
  - 20 mm FOR BEAMS
  - 20 mm FOR SLABS.
- FABRICATION DETAILS OF REINFORCING BARS SUCH AS LAPS, BENDS, ETC. SHOULD STRICTLY CONFORM TO THE SPECIFICATION IN IS-432, IS-2002 AND ALLIED STANDARDS. LAPS SHOULD BE STRICTLY AVOIDED IN THE MAIN BARS AND THEIR ANCHORAGE LENGTHS, IN OTHER CASES IT SHOULD BE 80 TIMES THE DIAMETER OF BAR.
- FOUNDATION SHOULD BE LAID AT A DEPTH RECOMMENDED IN THE SOIL REPORT. ALL FOOTINGS SHOULD BE LAID AT A COMMON LEVEL. OTHERWISE STIPULATION IN IS-1004-1986 SHOULD BE SCrupuLously FOLLOWED.
- ANY CHANGES IN THE SAME SHOULD BE BROUGHT TO THE NOTICE AT THE CONSULTANT BEFORE EXECUTION.
- THE BUILDING IS DESIGNED FOR GROUND FLOOR ONLY.
- PROVIDE ADEQUATE NUMBER OF CHAIRS, COVER BLOCKS (CC 1:3) WHEREVER NECESSARY. USE PIN RODS OF 20Y BETWEEN TWO LAYERS OF REINFORCEMENT.

CONSTRUCTION OF GRAM PANCHAYATH BHAVAN

DETAIL OF CENTRELINE DIMENSIONS, COLUMNS AND COLUMN FOOTINGS,WALL FONDATION, PLINTH BEAMS.

SCALE: 1:100, 1:50	DEALT: RM
DATE:01-09-2008	CHECKED BY : SUMASHAT
TFC	
ASSISTANT DIRECTOR (STR)	
DEPUTY DIRECTOR (WORKS)	
JOINT DIRECTOR (WORKS)	
GENERAL MANAGER (WORKS)	

**KARNATAKA RURAL INFRASTRUCTURE DEVELOPMENT LIMITED**  
RAJBHAVAN ROAD  
BANGALORE - 01

KRIDL /WK3 /DES/GP /CL /09-10 / 01