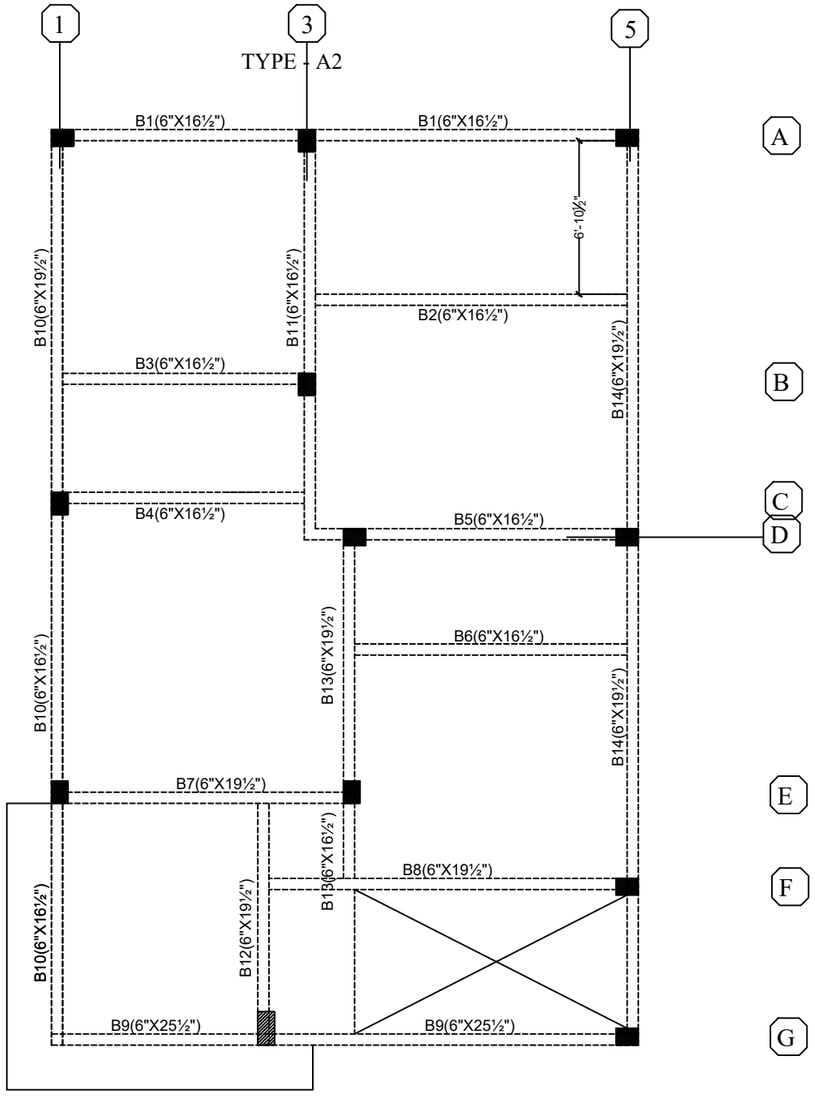
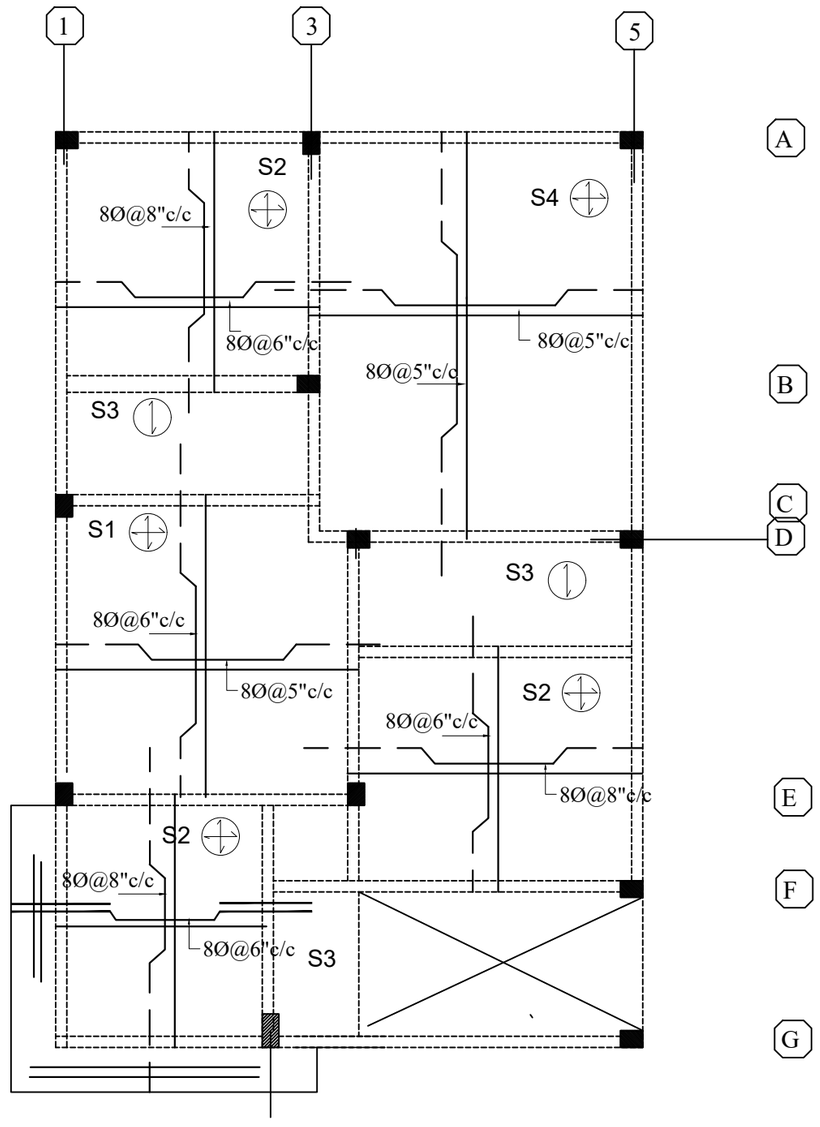


GROUND FLOOR BEAM LAY-OUT
(TYPE -A2) DUPLEX



SCHEDULE OF SLAB REINFORCEMENT:

TYPE	THICK	SHORTSPAN	LONGSPAN	REMARKS	
S1	4½"	Y8@5"c/c(B) ALT- CRANKED	Y8@6"c/c(B) ALT- CRANKED	TWO-WAY	
S2	4½"	Y8@6"c/c(B) ALT- CRANKED	Y8@8"c/c(B) ALT- CRANKED	TWO-WAY	
S3	4½"	Y8@8"c/c(B) ALT- CRANKED	Y8@10"c/c(B) DIST	ONE-WAY	
S4	4½"	Y8@5"c/c(B) ALT- CRANKED	Y8@5"c/c(B) ALT- CRANKED	TWO-WAY	

General Notes :--

1. Use M25 (1:1:2) grade for columns & M20 (1:1.5:3) for footings,slab & Beams
2. Use FE 500 grade tor steel.
3. Provide clear cover of 2" for footings & 1.5" for columns.
4. S.B.C of the Soil is taken as 250kn/m2.
5. Footings are desigen for Ground & Upeer 2 floor.
6. Provide clear cover of 1"for beams
7. Read horizontal beams from left to right & vertical from bottom to left.
8. crank +ve bars at L/4 th of span & extend -ve bars L/5 th of span.
9. Do not over lap bottom rods at center and top rods at support.
10. Slab thickness

DESCRIPTION	DATE

GOOD FOR CONSTUCTIONS

N

Client	MODI PROPERTIES & INVESTMENTS PVT.LTD
Project	MIRYALGUDA

STRUCTURAL CONSULTANT

KULKARNI CONSULTANT'S
STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANT'S
#216, KUBERA TOWER'S, NARAYAN GUDA,HYDERABAD.
CONTACT NO'S:- 04023223891, 09246343724, 09246343720.

DATE	12-01-2017
DEALT BY	PAWAN
DESIGN BY	VIKUAR
CHECKED& APPROVED :	KULKARNI

TYPE - A2 (DUPLEX)

TITLE: FIRST FLOOR SLAB DETAILS

DWG. NO. KC/SD/A2/19

REV. No. 1