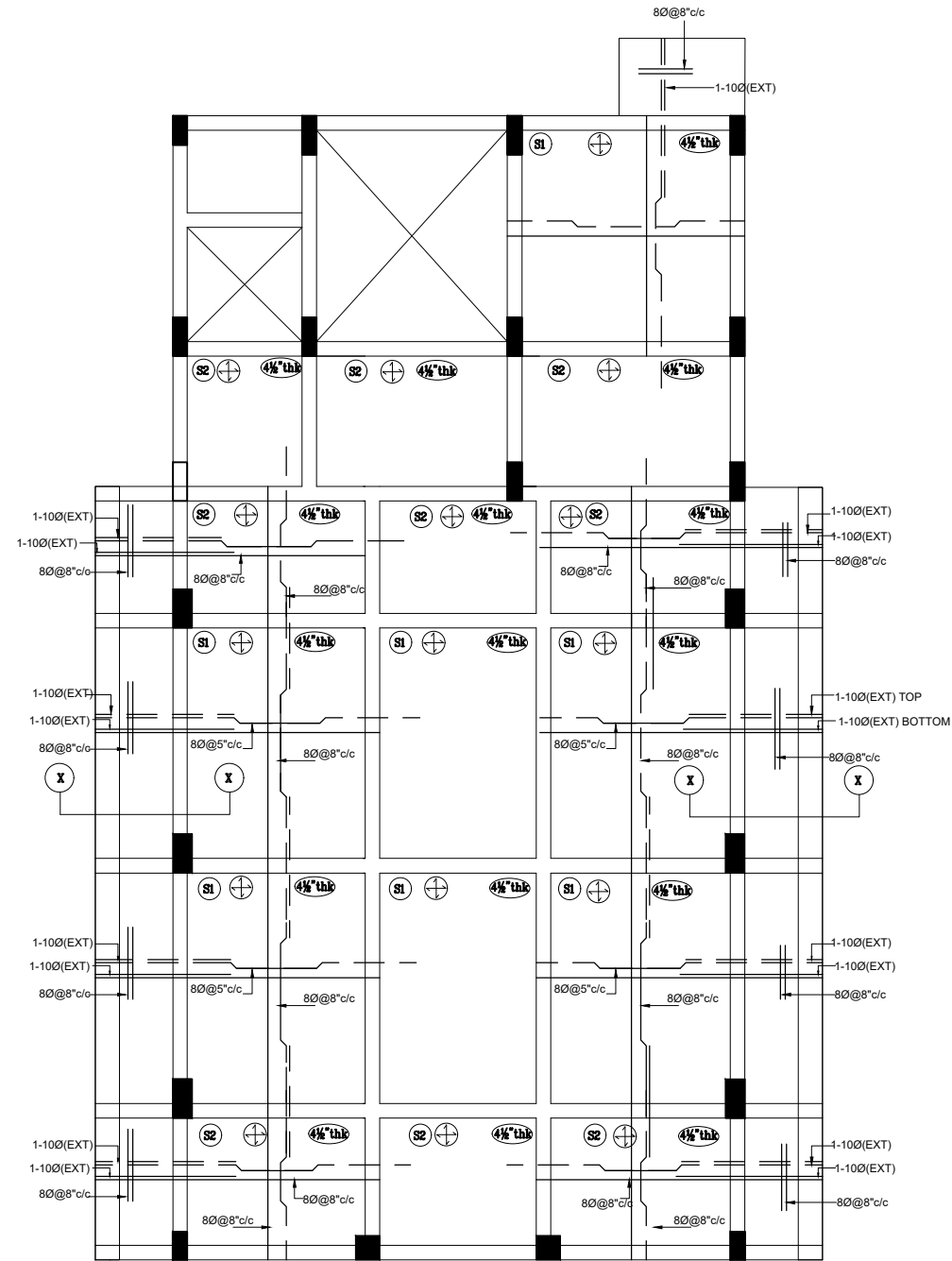
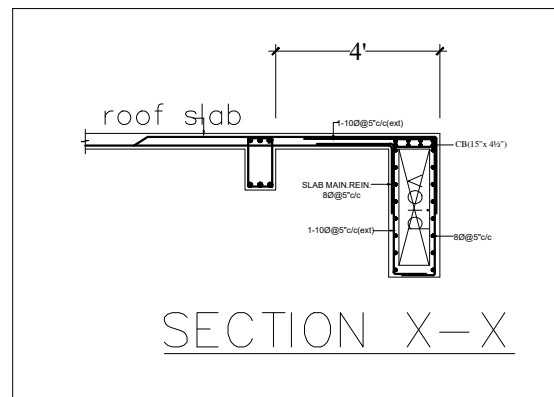


FIRST FLOOR BEAM LAYOUT



FIRST FLOOR SLAB

SCHEDULE OF SLABS				
SLAB MARK	THICKNESS	TYPE	REINFORCEMENT STEEL AT	
			SHORT SPAN	LONG SPAN
S1	4½"	+	80 @ 5" C/C	80 @ 8" C/C
S2	4½"	+	80 @ 8" C/C	80 @ 8" C/C



NOTE :

- USE M20 (1:1.5:3) GRADE CONCRETE FOR BEAMS & SLAB
- USE FE500 GRADE TOR STEEL.
- PROVIDE CLEAR COVER OF 1" FOR BEAMS & 3/4" FOR SLAB
- PROVIDE 1" CAMBER AT FREE END FOR CANTILEVER BEAMS & SLABS.
- IN SLAB EXTEND -VE STEEL UPTO 0.30L FROM FACE OF SUPPORT.
- DO NOT PROVIDE EXTRA REINFORCEMENT AT SIMPLY SUPPORTS.
- LAP LENGTH 48 D (D- IS THE DIA OF THE BAR) IN COMPRESSION.
- LAP LENGTH 52 D (D- IS THE DIA OF THE BAR) IN TENSION.
- ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ALL THE DIMENSIONS ARE IN INCHES & FEET.
- DO NOT SCALE THE DRAWING.
- REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS.
- LAP LENGTH INCLUDING ANCHORAGE VALUE OF HOOKS FOR BARS IN FLEXURAL TENSION SHALL BE L_d OR $30d$ WHICHEVER IS GREATER. THE STRAIGHT LENGTH OF THE LAP SHALL NOT BE LESS THAN $15d$ OR $200mm$, WHEN BARS OF TWO DIFFERENT DIAMETERS ARE TO BE SPLICED, THE LAP LENGTH SHALL BE CALCULATED ON THE BASIS OF DIAMETER OF THE SMALLER BAR.
- LAP / DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS FOR DIFFERENT GRADES OF CONCRETE MIX SHALL BE AS FOLLOWS:

STEEL GRADE	M20	M25	M30	M35
Fe 415	47	d 41	d 38	d 34
Fe 500	57	d 49	d 46	d 40

 WHERE d IS THE DIAMETER OF THE BAR.

REVISED SLAB	
DESCRIPTION	DATE
	25-05-18

Client: MODI PROPERTIES & INVESTMENTS PVT.LTD

Project: CLUB HOUSE (SOV)

STRUCTURAL CONSULTANT: **KULKARNI CONSULTANTS**
 STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS
 #216, KUBERA TOWER'S, NARAYAN GUDA, HYDERABAD.
 CONTACT NO'S:- 94023223891, 99246343724, 99246343720.

DATE	05-12-2018	TITLE: FIRST FLOOR SLAB DETAILS	DWG. NO. KC/FH/SD/9	REV. No. 0
DEALT BY	BASHA			
DESIGN BY	SANTOSH			
CHECKED & APPROVED	KULKARNI			