



NOTE :

- USE M25 (1:1:2) GRADE CONCRETE FOR COLUMNS & M20 (1:1.5:3) FOR BEAMS & SLAB
- USE FE500 GRADE TOR STEEL.
- PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS , 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 30ϕ WHICHEVER IS GREATER. THE STRAIGHT LENGTH OF THE LAP SHALL NOT BE LESS THAN 15ϕ 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 d
Fe 500	57 d	49 d	46 d	40 d

WHERE d IS THE DIAMETER OF THE BAR.

DESCRIPTION	DATE

Client: MODI
PROPERTIES & INVESTMENTS PVT.LTD

Project: NILAGIRI ESTATE
AT RAMPALLY, PHASE - II

STRUCTURAL CONSULTANT **KULKARNI CONSULTANTS**
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DATE	5-7-2016	CLUB HOUSE	
DEALT BY	PAWAN	TITLE:	(SECOND FLOOR SLAB)
DESIGN BY	SRIKANTH		BEAM LAY-OUT
CHECKED & APPROVED	KULKARNI	DWG. NO.	KC/MBC/SD/CH/10
		REV. No.	0