



- 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 & FEETS.
 - 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 150 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
GOOD FOR CONSTRUCTIONS	
Client	MODI PROPERTIES & INVESTMENTS PVT.LTD
Project	RESIDENTIAL PROJECT FOR (B & C) MAY FLOWER GRANDE AT MALLAPUR.
STRUCTURAL CONSULTANT	KULKARNI CONSULTANT'S STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS #216, KUBERA TOWERS, NARAYAN GUIDA, HYDERABAD. CONTACT NO'S: 94023223891, 99246343724, 99246343720.

DATE	7-4-2016	CLUB HOUSE	
DEALT BY	PAWAN	TITLE:	(GROUND FLOOR) BEAM SECTION DETAILS
DESIGN BY	SRIKANTH	DWG. NO.	KC/MBC/SD/GH/6
CHECKED BY		REV. No.	0
APPROVED BY	KULKARNI		