



NOTE :

1. USE M25 (1:1.5:2) GRADE CONCRETE FOR COLUMNS & M20 (1:1.5:3) FOR BEAMS & SLAB
2. USE FE415 GRADE TOR STEEL.
3. PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS , 1"FOR BEAMS & 3/4" FOR SLAB
4. PROVIDE 1" CAMBER AT FREE END FOR CANTILEVER
5. IN SLAB EXTEND -VE STEEL UPTO 0.30L FROM FACE OF SUPPORT.
6. DO NOT PROVIDE EXTRA REINFORCEMENT AT SIMPLY SUPPORTS.
7. LAP LENGTH 48 D (D - IS THE DIA OF THE BAR) IN COMPRESSION.
8. LAP LENGTH 52 D (D - IS THE DIA OF THE BAR) IN TENSION.
9. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
10. ALL THE DIMENSIONS ARE IN INCHES & FEETS.
11. DO NOT SCALE THE DRAWING.
12. REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS.
13. LAP LENGTH INCLUDING ANCHORAGE VALUE OF HOOKS FOR BARS IN FLEXURAL TENSION SHALL BE LD 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 SMALLER BAR.
14. LAP / DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS FOR DIFFERENT GRADES OF CONCRETE MIX SHALL BE AS FOLLOWS:

GRADE OF CONCRETE	DESCRIPTION	DATE
M30	Fe 415	
M35	Fe 415	
47 d	38 d	34 d

Client	MODI PROPERTIES & INVESTMENTS PVT.LTD
Project	PARAMOUNT AVENUE AT NAGARAM



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DATE: 16-12-017
 DESIGN: MADHURIA
 CHECKER: KULKARNI

TITLE: BASEMENT FLOOR BEAM DETAIL
 DWG. NO: KC/MPA/SD/3/9