



NOTE:

- DO NOT SCALE THIS DRAWING FOLLOW FIGURED DIMENSIONS
- ALL THE DIMENSIONS ARE IN INCHES & FEET.
- REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS
- THIS BUILDING IS DESIGNED FOR TWO CELLAR +GROUND+NINE FLOORS ONLY.
- S.B.C. OF SOIL IS TAKEN 400KN/SQM AS PER REPORT
- USE M25 (1:1:2) GRADE CONCRETE FOR COLUMNS & M20
- (1:1.5:3) FOR BEAMS & SLAB
- USE FE 500 GRADE TOR STEEL.
- PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS.
- FOR
- BEAMS & 3/4" FOR SLAB
- LAP LENGTH INCLUDING ANCHORAGE VALUE OF HOOKS
- FOR BARS IN FLEXURAL TENSION SHALL BE Ld
- WHICHEVER IS GREATER. THE STRAIGHT LENGTH OF THE
- LAP SHALL NOT BE LESS THAN 150.00mm.
- WHEN BARS
- OF TWO DIFFERENT DIAMETERS ARE TO BE SPUNCHED.
- 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	Fe 415	47 d	
41 d	38 d	34 d	
49 d	Fe 500	57 d	
46 d	40 d		
11.	WHERE D IS THE DIAMETER OF THE BAR		
12.	ANY LOOSE OR PROTRUDING BULBERS SHALL BE REMOVED BEFORE		
13.	LAINING FOUNDATION CONCRETE AND SHALL BE FILLED WITH P.C.C.		
14.	CONCRETE SHALL BE VIBRATED FOR OBTAINING OPTIMUM DENSITY.		
15.	THE DIFFERENCE IN LEVELS OF DEPTH OF ADJACENT		
	FOOTING SHALL NOT BE GREATER THAN HALF		
THE	CLEAR DISTANCE BETWEEN THEM.		
16.	STIRRUPS SHOULD HAVE STANDARD HOOK AS PER SP-34.		
17.	THE PROVISIONS MADE IN IS: 456-2000 AND SP-34 AND		
18.	OTHER RELEVANT CODES SHOULD BE STRICTLY		
	ADHERED DURING EXECUTION.		
	IF ANY VARIATION IN SOIL STRATA FOUND DURING THE		
	EXECUTION OF THE FOUNDATION SOILS. WHEN COMPARED WITH THE CONSIDERED STRATA IT SHOULD BROUGHT TO THE NOTICE OF		

ENGINEER-IN-CHARGE AND CONSULTANTS FOR REMISING

CHARRE AND CONSULTANTS FOR REMISING

DATE

FOUNDATIONS:

19. S.B.C. OF SOIL IS TAKEN 400KN/SQM AS PER REPORT.

20-02-DRAWING

BORE POINTS /REFER BORE HOLES (5 & 6)

Client

MODI PROPERTIES & INVESTMENTS PVT.LTD

Project

RESIDENTIAL PROJECT FOR (B & C) MAY FLOWER GRADE AT MALLAPUR.

STRUCTURAL CONSULTANT

KULKARNI CONSULTANTS

STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT CONSULTANTS

W/216, KASBAHA TOWERS, NARAYAN GUDA, HYDRABAD.

CONTACT NO:- 9849338931, 9849337251, 9849337252

DATE

25-7-2016

DRAWN BY

PAVANI

DESIGN

SRIRAKSHI

CHECKED

KILKARNI

APPROVED

Block - (E)

TITLE:

LOWER CELLAR BEAM SECTION DETAILS

DWG. NO.

KC/MBC/SD/E/7

REV. NO.

0