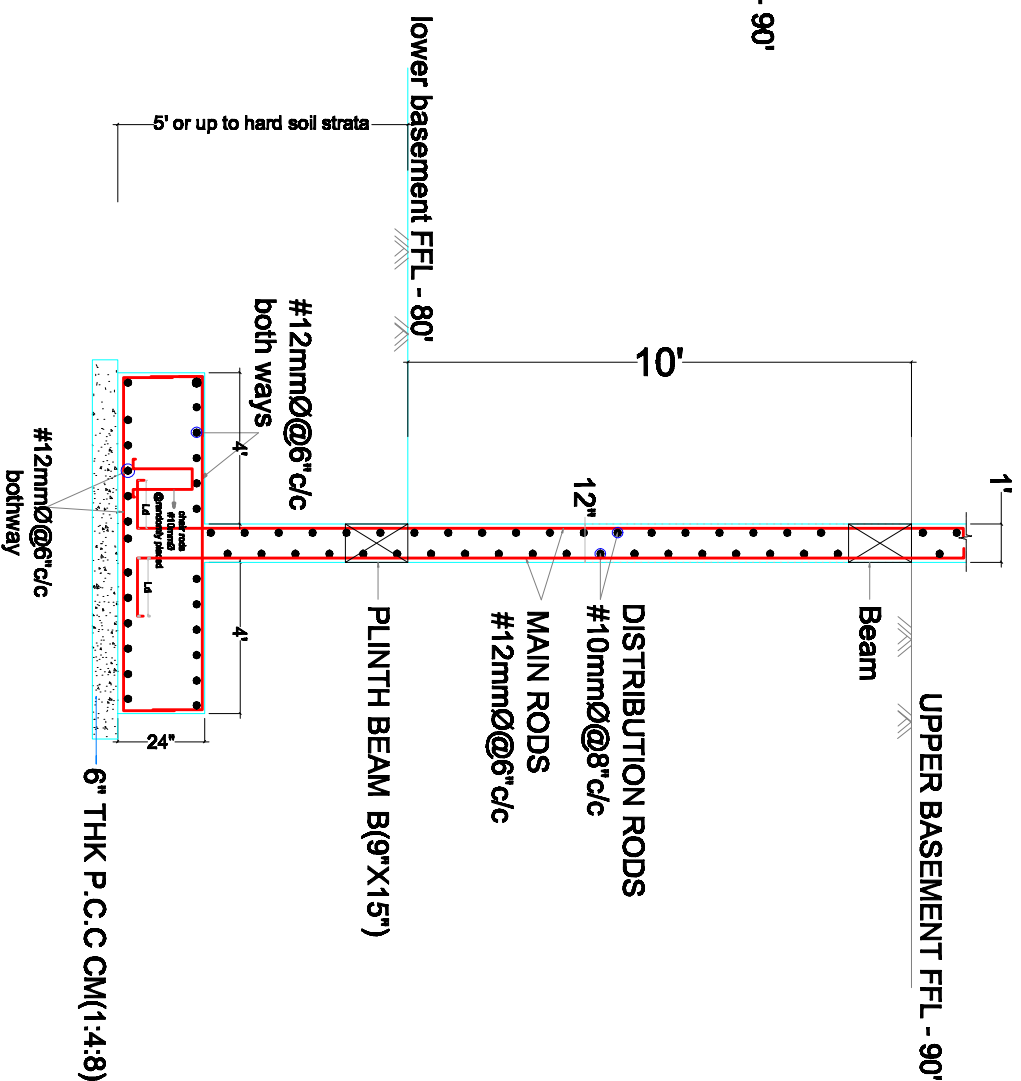


SECTION Z-Z



SECTION Y-Y

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE:

- DO NOT SCALE THIS DRAWING FOLLOW FIGURED DIMENSIONS
- ALL THE DIMENSIONS ARE IN INCHES & FEET.
- REFER ARCHITECT DRAWING FOR CENTER LINE DIMENSIONS & GRIDS
- THIS BUILDING IS DESIGNED FOR TWO CELLAR +GROUND+NINE FLOORS ONLY.
- S.B.C. OF SOIL IS 400 KN/SQ.M
- USE M30 GRADE CONCRETE FOR COLUMNS & M25 (1:1.5:3) FOR RETAINING WALL USE FE 500 GRADE TOR STEEL.
- PROVIDE CLEAR COVER OF 1.5" FOR COLUMNS, 1" FOR BEAMS & 3/4" FOR SLAB
- 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 15Ø 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.

- ANY LOOSE OR PROTRUDING BUILDERS SHALL BE REMOVED BEFORE
- LAYING FOUNDATION CONCRETE AND SHALL BE FILLED WITH P.C.C.
- CONCRETE SHALL BE VIBRATED FOR OBTAINING OPTIMUM DENSITY.
- THE DIFFERENCE IN LEVELS OF DEPTH OF ADJACENT FOOTING SHALL NOT BE GREATER THAN HALF THE CLEAR DISTANCE BETWEEN THEM.
- STIRRUPS SHOULD HAVE STANDARD HOOK AS PER SP-34.
- THE PROVISIONS MADE IN IS: 456-2000 AND SP-34 AND 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 REVISING FOUNDATIONS.
- LOADINGS: LOADS ARE TAKEN AS PER IS 875:1987

- Dead load = IS 875:1987 part I
- Live load = IS 875:1987 part II
- Wind load = IS 875:1987 part III
- Building location: Hyderabad
- Basic wind speed Vb: 44 m/s
- Probability factor K1: Table 1 IS 875:1987 part III
- Terrain height and Structure size factor: Table 2 IS 875:1987 part III
- Topography factor: Table 2 IS 875:1987 part III
- EARTH QUAKE = IS 1893:2002
- Building location: Hyderabad
- Zone: II(MEDIUM)
- Soil type: II
- Response reduction factor R: 5

NOTE : - IMPROPER FACTOR (3:4) OBJECT DRAWING FOR CENTER LINE DIMENSIONS

NO.	DESCRIPTION	REMARKS
1.	COLL.FLOORING DETAILS	DATE: 11-12-18

**DESCRIPTION** GOOD FOR CONSTRUCTION

**Client** MODI PROPERTIES & INVESTMENTS PVT.LTD

**Project** RESIDENTIAL PROJECT FOR MAY FLOWER PLATINIUM AT MALLAPUR.

DATE	30-04-2018	TITLE	RETAINING WALL DETAILS
DRAWN	SAHISH	CHKD.	KC/ABC/SD/F/4
DESIGNED	SAHISH	DATE	11/12/18
APPROVED			

