



LAYOUT OF COLUMN CENTERLINE, (SCALE: 1:100)

SCHEDULE OF COLUMNS

COLUMN TYPE	NOS	COLUMN SIZE (a x b)	COLUMNS REINF.	TYPICAL TIES	COLUMN SECTION	ARRANGEMENT OF COLUMN TIES
C1	10	450x450	● 12-20 ○ 8-20	8@175c/c		
C2	04	450x450	● 4-25 ○ 8-20	8@175c/c		
C3	04	450x450	● 8-25 ○ 6-20	8@175c/c		
C4	03	450x450	● 14-25	8@175c/c		
C5	02	450x450	● 16-25	8@175c/c		
C6	04	600x600	● 8-25 ○ 4-20	8@175c/c		
C7	05	600x600	● 14-20	8@175c/c		
C8	02	600x600	● 12 - 25	8@175c/c		
C9	01	600x600	● 12 - 20	8@175c/c		
C10	06	230x600	● 12 - 25	8@175c/c		
C11	01	300x600	● 12 - 25	8@175c/c		

DESCRIPTION	MATERIALS		
	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M 30	Fe 500	40mm

- NOTES
- ALL DIMENSIONS ARE IN "mm". UNLESS OTHERWISE SPECIFIED.
  - DO NOT SCALE THIS DRAWING. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  - USE GRADE OF STEEL Fe- 500.
  - MINIMUM LAP LENGTH OF REINFORCEMENT SHALL BE 50 TIMES OF DIA. OF BAR FOR FOOTINGS, COLUMNS, SLABS & BEAMS.
  - LAPS SHALL BE STAGGERED & NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY LOCATION FOR BEAM & 33% FOR COLUMNS.
  - DEVELOPMENT LENGTH(L<sub>d</sub>) OF R/F STEEL SHALL BE 50 TIMES FOR FOOTING, COLUMNS, BEAMS & SLABS.
  - READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL DRAWING.
  - ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT BEFORE EXECUTION.
  - SAFE BEARING CAPACITY OF SOIL IS 350kN/Sqm FOR ALL COLUMN FOOTINGS, THE DEPTH OF FOOTING BELOW N.G.L. IS : 3.00Ms.
  - THE STRUCTURE IS DESIGNED FOR (BASEMENT + G+3 FLOORS ONLY)

REFERENCE DRAWINGS

TENDER PURPOSE ONLY

DATE	DESCRIPTION	CHKD.	BY
REVISIONS			

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**SBI** STATE BANK OF INDIA  
PMC: SBIIMS, HYDERABAD

SCALE: 1:100 & NTS  
1:50 & NTS

DRG. NO: MMSBIB&R STRS-07

DATE: 18-04-2020

DRAWN: KM

DESIGNED: D.T

SIGN: SHIVAPRASAD

CHKD: GSR

Q.C: SHIVAPRASAD

REVISIONS: NO, DATE

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PROPOSED R.B.O AND BRANCH BUILDING AT SIDDIPET

LAYOUT AND STRUCTURAL DETAILS OF COLUMNS.