

**SCHEDULE OF COLUMNS**

TYPE	C1	C1a	C2	C3	C4	C5	C6	C7	C8
BETWEEN FOUND TO GROUND FLOOR	12725 418 @ 200 C/C	14725 418 @ 200 C/C	12720 418 @ 200 C/C	32725 810 @ 200 C/C	32725 810 @ 200 C/C	14125 378 @ 200 C/C	40732 810 @ 200 C/C	40725 810 @ 200 C/C	40725 810 @ 200 C/C
GROUND FLOOR TO 2nd FLOOR	32725 6110 @ 200 C/C	32725 6110 @ 200 C/C	32725 6110 @ 200 C/C	32725 6110 @ 200 C/C	32725 6110 @ 200 C/C	40732 7110 @ 200 C/C	36725 6110 @ 200 C/C	36725 6110 @ 200 C/C	36725 6110 @ 200 C/C
2nd FLOOR TO 4th FLOOR	26725 5110 @ 200 C/C	26725 5110 @ 200 C/C	26725 5110 @ 200 C/C	26725 5110 @ 200 C/C	26725 5110 @ 200 C/C	36725 7110 @ 200 C/C	30725 6110 @ 200 C/C	30725 6110 @ 200 C/C	30725 6110 @ 200 C/C
4th FLOOR TO 6th FLOOR	24725 5110 @ 200 C/C	24725 5110 @ 200 C/C	24725 5110 @ 200 C/C	24725 5110 @ 200 C/C	24725 5110 @ 200 C/C	30725 6110 @ 200 C/C	24725 5110 @ 200 C/C	24725 5110 @ 200 C/C	24725 5110 @ 200 C/C
6th FLOOR TO 8th FLOOR	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C	20725 5110 @ 200 C/C
8th FLOOR TO LOWER ROOF	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C	20720 5110 @ 200 C/C

**NOTES**

- \* ALL DIMENSIONS ARE IN MILLIMETERS. LEVELS ARE IN METERS, UNLESS STATED OTHERWISE.
- \* DRAWING SHOULD NOT BE SCALED.
- \* FOLLOW WRITTEN DIMENSIONS ONLY.
- \* THIS DRAWING IS TO BE READ WITH RELEVANT ARCH., STRU., MECH. & ELEC. DRAWINGS.
- \* SOIL BEARING CAPACITY IS ASSUMED TO BE 300 KN/m<sup>2</sup>. THE CONTRACTOR SHALL VERIFY THE ACTUAL SOIL BEARING CAPACITY BEFORE PROCEEDING WITH THE WORKS.
- \* ALL BLINDING CONCRETE SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 15N/mm<sup>2</sup>.
- \* ALL REINFORCED CONCRETE SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 30N/mm<sup>2</sup> USING ORDINARY PORTLAND CEMENT AND 20mm MAXIMUM SIZE AGGREGATE.
- \* BLOCK WORK SHALL HAVE A MINIMUM CRUSHING STRENGTH OF 7N/mm<sup>2</sup>.
- \* REINFORCEMENT COVER FOR REINF. CONCRETE BELOW AND ABOVE GROUND:
  - BELOW GROUND : 65mm
  - ABOVE GROUND - COLUMNS: 25mm (INTERNAL)
  - COLUMNS: 40mm (EXTERNAL)
  - BEAMS : 25mm (INTERNAL)
  - BEAMS : 40mm (EXTERNAL)
  - SLABS : 20mm

REV.	DESCRIPTION	BY	DATE

ENGINEERS COMMENTS / APPROVAL

CONSULTANT  
 Grid Design Solutions P.L.Ltd  
 Techno Park, Thiruvananthapuram,  
 Kerala, India-689889  
 Tel : +914712272927  
 Fax : +914712272927

SUB CONTRACTOR  
 OWNER  
 LOCATION  
 PROJECT: STRUCTURAL  
 DRAWING TITLE  
**COLUMNS REINF. DETAILS**  
 SHT. 1 OF 3

SCALE	CHECKED	K.C.
DATE	FRGL NO.	
DRAWN	DRG. NO.	
DESIGNED	IRU	