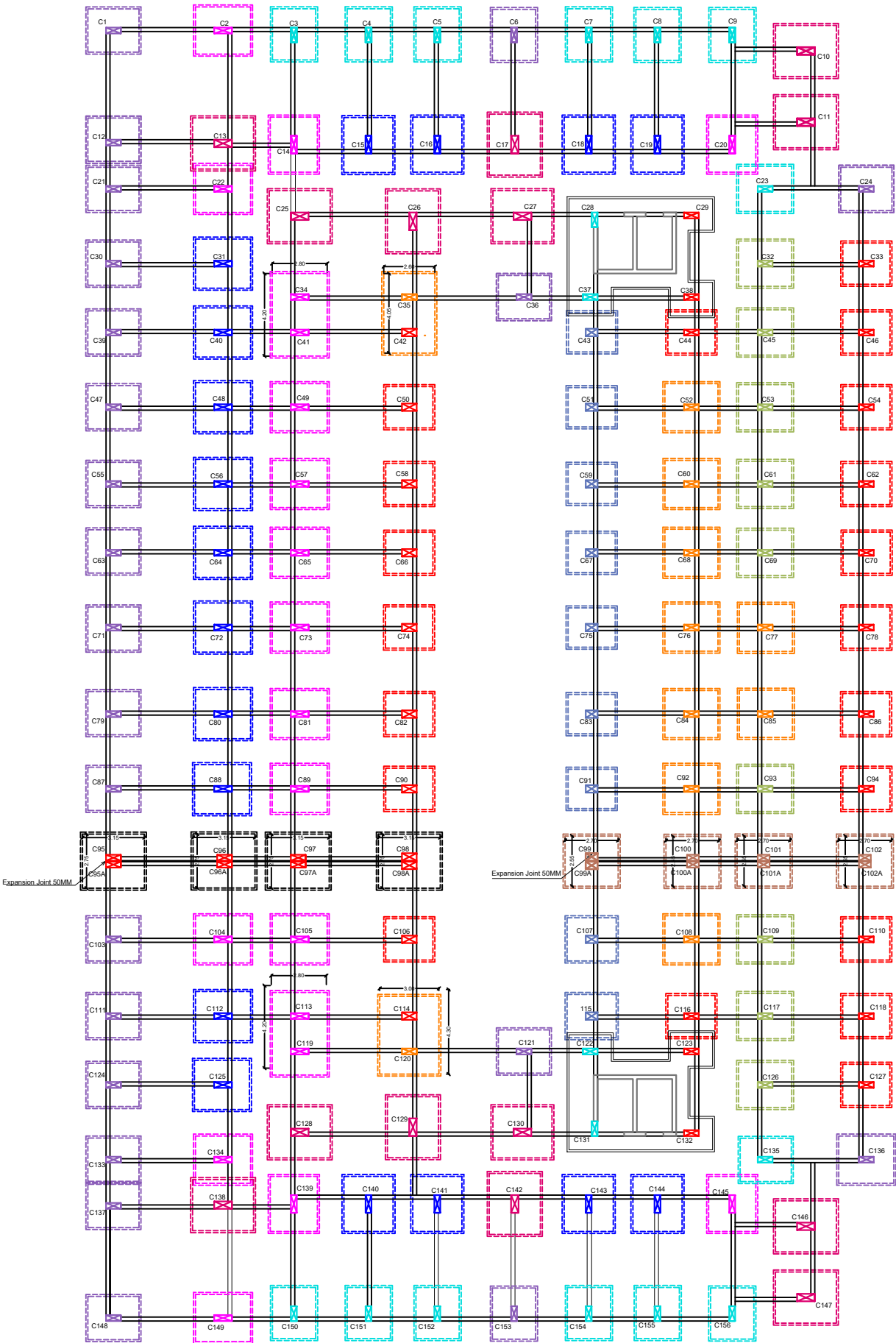
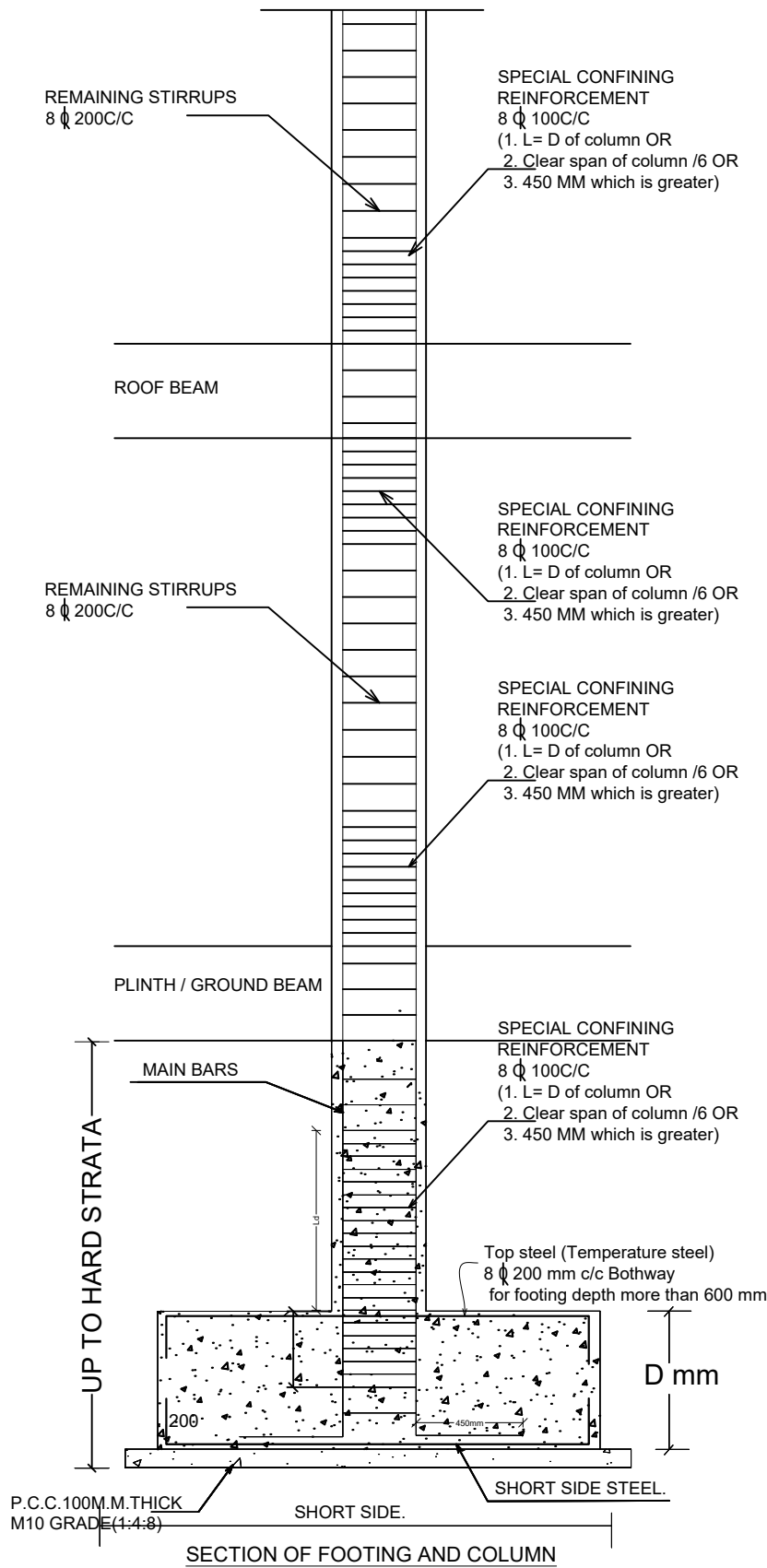


DRAWING NO.1
SHEET NO.1
READ WITH SHEET NO.2



FOUNDATION PLAN



*NOTE: WE ARE ONLY RESPONSIBLE FOR SOUNDNESS OF STRUCTURE REFLECTED THROUGH THE DRAWING ONLY & NOT FOR EXECUTION

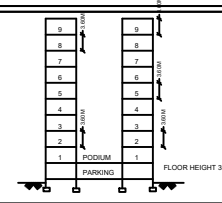
GENERAL NOTES :-

THIS DRAWING SHALL BE READ ALONG WITH ARCH. DRAWING.THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & LEVELS ON SITE & RESOLVE ALL DISCREPANCIES WITH ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK. DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN & ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED & SUBJECTED TO REVIEW BY THE ENGINEER.

- 2) MAXIMUM ALLOWABLE HEIGHT OF COLUMN WITHOUT ANY BRACER OR TIE
1) 230 WIDE-3000MM.
- 3) TOP BARS OF CANTILEVER BAR SHALL NOT HAVE ANY LAP.
- 4) ALL STRUCTURAL CONCRETE SHOULD BE WEIGH BATCHED, MACHINE MIXED&MECHANICALLY VIBRATED
- 5) FOR CANTILEVERS, TOP BARS TO BE ANCHORED BEHIND FOR-70XDIA. OF BARS OR SPAN OF CANTILEVERS (WHICHEVER IS GREATER)
- 6) MOVEMENT CRACKS
ALL VISIBLE CRACKS IN NEWLY CAST CONCRETE SHALL BE SEALED BY PRESSURE GROUTING BEFORE APPLICATION OF FINISHES.

*LOADS

DESIGN FOR	[PARKING + 9]
SAFE BEARING CAPACITY	400 KN/SQMT
LIVE LOAD	2.00 KN/SQMT
FLOOR FINISH	1.00 KN/SQMT
BLOCK DENSITY- AAC BLOCKS	6.00 KN/CUB.MT
EXTERNAL WALL:-	200 MM THK
INTERNAL WALL:-	150 MM THK ; 115 MM THK



GENERAL NOTES

- 1) ALL DIMENSIONS ARE IN M.M.
- 2) CONCRETE MIX TO ACHIVE CUBE STRENGTH OF 25 N/MM².
- 3) CONCRETING SHALL NOT BE DONE UNLESS CHECKED BY STRUCTURAL ENGINEER.
- 4) COVER TO REINFORCEMENT
FOOTING : 50 M.M.
COLUMN : 40 M.M.
SLAB : 15 M.M.
BEAM : 25 M.M.
- 5) LAPS FOR TENSION BARS
55X DIA OF BAR.
- 6) LAPS FOR COMPRESSION BARS
44XDIA OF BARS.
- 7) STEEL Fe 415
- 8) SHUTTERING AS PER CONTRACTORS DESIGN.
- 9) ANY DISCRYPANCY FOUND IN DRAWING SHOULD BE BROUGHT TO NOTICE BEFORE EXECUTION OF WORK.
- 10) OUR RESPONSIBILITY IS LIMITED TO THESE STRUCTURAL DRAWINGS ONLY, WHICH IS PREPARED ON THE BASIS OF ARCHITECTURAL DRAWINGS.

PROJECT : HOSTEL BUILDING FOR MGM

TITLE:
R.C.C. DETAILS FOR COLUMNS & FOOTINGS

DRAWING. NO.1	DATE:- 29-11-2023
DESIGNED BY :- HRISHIKESH	CHECKED BY :- S.L. KARANJIKAR

ARCHITECT: PALLAVI KULKARNI

STRUCTURAL ENGINEER.
KARANJIKAR SHRINIVAS .L.
B.E.(CIVIL),M.E.(STRUCTURE),
M.I.E.,F.I.V.,M.I.S.S.E.

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