

**DRAWING TITLE :- CENTRE LINE PLAN**

**GENERAL NOTES**

- 1) EXPOSURE CONDITION- MILD
- 2) EARTHQUAKE ZONE-III (AS PER IS 1893(PART1):2002)
- 3) FOUNDATION TO REST ON HARD STRATA, S.B.C. OF SOIL ASSUMED --- T / SQ. MT. GEOTECHNICAL INVESTIGATION SHOULD BE DONE AND SEND US DETAILED REPORT FOR FOUNDATION DESIGN BEFORE LAYING PCC, STRATA SHOULD BE APPROVED FROM GEOTECHNICAL CONSULTANT APPOINTED BY BUILDER / DEVELOPER .
- 4) BUILDING IS DESIGNED FOR GROUND + 1 UPPER FLOORS ONLY.
- 5) MAX. DENSITY OF FLY ASH BRICK MASONRY WALLS ASSUMED= 1950 KG/M<sup>2</sup>
- 6) BASIC REFERENCE CODE IS = IS 456:2000
- 7) REINFORCEMENT TOR STEEL [ T ] Fe= 500 N/mm<sup>2</sup>  
[MINIMUM PERCENTAGE OF ELONGATION = 14.5%]
- 8) GRADE OF CONCRETE AS PER DESIGN MIX
 

A) FOOTING , BASEMENT RAFT, LIFT RAFT	=	M25
B) COLUMN / SHEAR WALL & LIFT PARDI	=	M20
C) BEAMS	=	M20
D) SLABS	=	M20
E) COLUMN / SHEAR WALL & BEAM JUNCTION	=	M20

9) NOMINAL COVERS

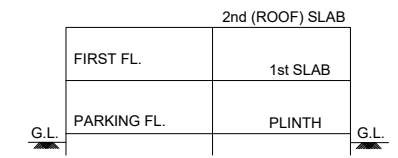
SR. NO.	DESCRIPTION EXPOSURE →	MILD	MODERATE	SEVERE
1]	FOOTING	50	50	50
2]	COLUMNS [ TO LINKS OF COLUMN ]	40	40	45
3]	BEAMS [ TO STIRRUPS OF BEAM ]	20	30	45
4]	SLABS	20	25	40
5]	LIFT WALL / SHEAR WALL [ TO OUTERMOST REINFORCEMENT ]	40	40	45

10] LAP LENGTH SHALL BE AS PER IS 456 : 2000. ALL LAPS (Ld) SHALL BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.

GRADE OF REINF.	M20	M25	M30	M35	M40 & ABOVE
Fe 500	57 X D	49 X D	46 X D	40 X D	36 X D

[ WHERE (D) = DIA. OF BAR ]

**KEY ELEVATION**

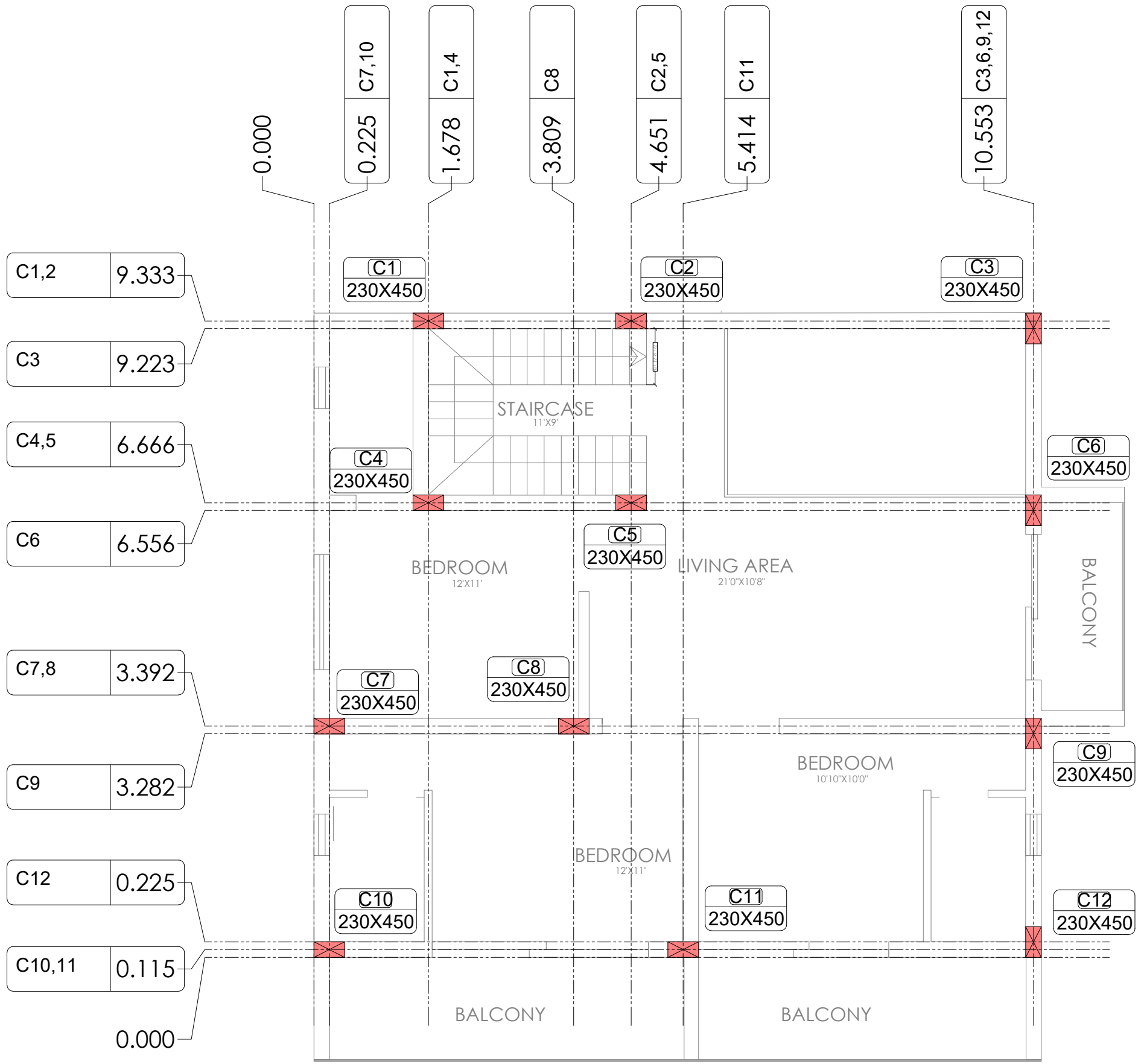


DATE	PRINT / EMAIL	NOS	REVISION	DATE	REVISION DESCRIPTION
29.11.2024	EMAIL	--	--	--	--

ARCHITECT ---  
 CLIENT ---  
 LOCATION LONAVALA

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JOB No.: --	DATE: 29.11.2024	REVISION NO. = R0
DRAWN BY: P. Y.	CHECKED BY: A. B.	
DESIGN BY: A. B.	APPROVED BY: P. D.	



**CENTRE LINE PLAN**  
 PROVISION = GROUND + 1 = 2 SLABS