

SCHEDULE FOR RCC FOOTINGS

COLUMN NUMBERS		C1,C2,C3,C4,C5,C6,C7 C8,C9,C10,C11,C14,C17	C12,C13,C15,C16
P.C.C (1:2:4) 150MM		1480X1650	1580X1800
	SIZE	1330 X 1550	1430 X 1650
X1		-	-
X2		-	-
Y1		-	-
Y2		-	-
D1		-	
D2		375	375
SHORT SPAN		T10 @ 150 C/C	T10 @ 150 C/C
LONG SPAN		T10 @ 150 C/C	T10 @ 150 C/C

R.C.C. FOOTING

TO TERRACE FLOOR	M20 : Fe500 , COVER = 40MM	M20 : Fe500 , COVER = 40MM
	LINKS	LINKS
	REFER TYPICAL SKETCH FOR SPACING	REFER TYPICAL SKETCH FOR SPACING
TO FOUNDATION	8-T12	8-T12
	M20 : Fe500 , COVER = 40MM	M20 : Fe500 , COVER = 40MM
	LINKS	LINKS
	REFER TYPICAL SKETCH FOR SPACING	REFER TYPICAL SKETCH FOR SPACING
TO GROUND FLOOR		
	8-T12	8-T12
	4-T16+4-T12	4-T16+4-T12
COLUMN MARKED	C1,C2,C3,C4,C5,C6,C7,C8 C9,C10,C11,C13,C14,C17	C12,C15,C16

NOTES:

- Basic reference code:- IS 456: 2000
- Due care shall be taken to ascertain that requisite strength of concrete is gained before commencement of deshuttering. It shall comply with provisions of Clause No. 11.3 of IS 456: 2000.
- Nominal covers

	Mild	Moderate	Severe
I Footings	50	50	50
II Columns & walls >200mm width (to links of column)	40	40	45
III Columns & walls with width of 200mm & below (to links of column)	40	40	45
IV Columns & walls with width of 200mm & below having reinf. dia. 12mm. (to stirrups of beam)	25	30	45
V Slabs	20	30	45
VI Beams (to stirrups of beam)	20	30	45
VII Lift walls	40	40	45

 For main reinf. up to 12mm dia. bar for mild exposure the nominal cover may be reduced by 5mm for slabs & beams only.
- Beams with depth more than 750mm, provide side-face reinforcement.
- Substratum shall be approved from our office before laying P.C.C.
- Minimum clear spacing between any two longitudinal bars in beam= 50mm.
- All laps (Ld) shall be staggered & not more than 50% bars to be lapped at any given section.
- Design is valid for number of floors as indicated in the drawing.
- At any level where column size gets reduced in either dimension tie beams/plinth beams are essential.
- For cantilever, top bars to be anchored behind from external face of support for - Ld or span of cantilever - whichever is greater.
- Fire rating considered:- 1 Hour max.

Use of this drawing for construction shall explicitly confirm acceptance of following conditions by Owner / Builder / Contractor

- Our responsibility shall remain limited to safe and sound structural design as transmitted by this drawing and we shall not remain responsible for
 - Safety of old structure during demolition.
 - Safety of any adjoining building / persons staying in adjoining building/persons and properties on adjoining roads.
 - Safety of all personnel working on site during construction.
 - Correctness/safety of any temporary structure, scaffolding, shoring, centering erected at site and any injury to any personnel arising out of any accidents.
 - Accidents occurring due to premature demutting, faulty / substandard construction material or workmanship causing failure of structures.
 - Any accident occurring due to construction of elements of buildings not designed by us.
- Supervision if specifically asked for will be provided to the extent of verification of reinforcement on site but responsibility regarding correct & sound construction shall solely rest with contractor/ builder / owner.
- All structural concrete should be weigh batched, machine mixed and mechanically vibrated.
- Any discrepancy between our drawing & Architect's drawing shall be brought to our notice before construction.

NO.	REV. DATE	DESCRIPTION	NO.	REV. DATE	DESCRIPTION
R0	10.04.2021	.	R5	.	.
R1			R6	.	.
R2			R7	.	.
R3			R8	.	.
R4			R9	.	.

DRAWING IS VALID FOR CONSTRUCTION, PROVIDED IT IS SIGNED & STAMPED BY OUR OFFICE

GRADE OF CONCRETE:- FOR FOOTING M20
FOR COLUMN M20

GRADE OF STEEL:- Fe500 TMT

ENVIRONMENTAL EXPOSURE CONDITION:- MILD

S.B.C.:- 35T/SQM GOOD FOR CONSTRUCTION

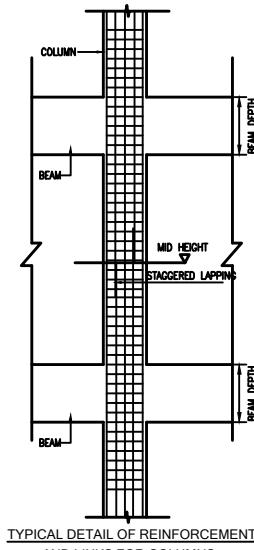
CHECKED BY DEALT BY DRAWN BY DRG. NO. BLDG. JOB NO.

DEVELOPER:-

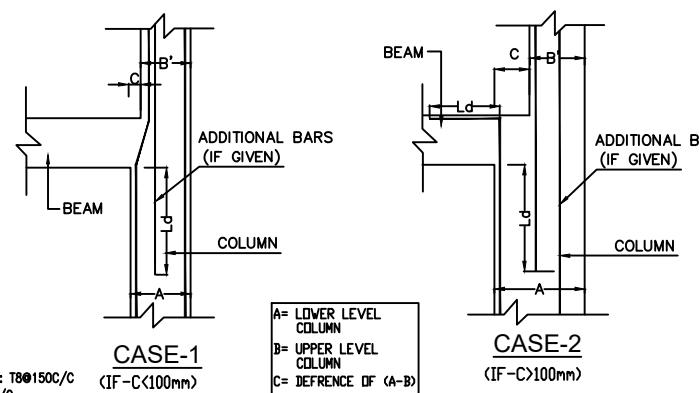
ARCHITECT:-

PROJECT:-

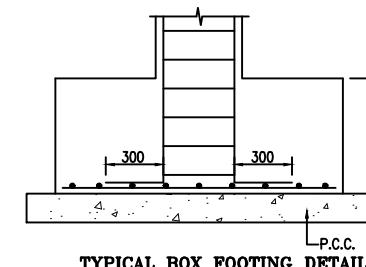
TITLE:- SCHEDULE FOR RCC COLUMN FOOTING



FOR T12,T16,T20 LONGITUDINAL REINF. OF COLUMNS; LINKS: T8@150C/C
FOR T32 LONGITUDINAL REINF. OF COLUMNS; LINKS: T10@100C/C



DETAILS OF COLUMN REDUCTION



TYPICAL BOX FOOTING DETAIL