houzeplanco

STRUCTURE DRAWING

SCHEDULED OF COMBINED FOOTING

FOUNDATION MARKED & TYPE OF FOUNDATION	COLUMN MARKED	SIZE OF FOUNDATION ON SLAB MM.XMM.	SPACING OF REINFORCEMENT
cF1 RECTANGULAR FOOTING	C1&C6	1200X2150	12 ϕ @ 125 MM. C/C BOTH WAYS
cF2 RECTANGULAR FOOTING	C2&C7 C3&C8	1200X2350	12 ϕ @ 125 MM. C/C BOTH WAYS
cF3 RECTANGULAR FOOTING	C5&C9	1300X2350	12 ϕ @ 125 MM. C/C BOTH WAYS

NOTES:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMIDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMENCING THE WORK
3. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
4. ALL GRADE OF CONCRETE M25 .
5. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
6. FOR STEEL GRADE Fe 500 AS PER I.S 1786-2008.
7. ALL CHAIRS ARE 10Tor AND TO BE PROVIDED WHEREVER REQUIRED.
8. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
9. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
b. COLUMN	–	–	40
d. TIE BEAM.	50	50	50
e. FLOOR SLAB.	20	20	20

SCHEDULE OF TIE BEAMS

BEAM MKD.	SIZE OF WIDTH X DEPTH (MM X MM)	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		LONGITUDINAL EINFORCEMENT		STIRRUPS & SPACING	LONGITUDINAL REINFORCEMENT		STIRRUPS & SPACING
		TOP	BOTTOM		TOP	BOTTOM	
TB1	250X300	2-16 ϕ + 1-16 ϕ EXTRA	2-16 ϕ	8ϕ @ 125MM C/C	2-16 ϕ	2-16 ϕ + 1-16 ϕ EXTRA	8ϕ @ 175MM C/C
TB2	250X350	2-16 ϕ + 2-16 ϕ EXTRA	2-16 ϕ	8ϕ @ 125MM C/C	2-16 ϕ	2-16 ϕ + 2-16 ϕ EXTRA	8ϕ @ 150MM C/C
TB3	250X300	2-16 ϕ	2-16 ϕ	8ϕ @ 125MM C/C	2-16 ϕ	2-16 ϕ	8ϕ @ 150MM C/C
TB4	150X250	2-12 ϕ	2-12 ϕ	8ϕ @ 125MM C/C	2-12 ϕ	2-12 ϕ	8ϕ @ 150MM C/C

SCHEDULE OF SLAB

SLAB MKD.	SLAB THKS. (MM)	REINFORCEMENT ALONG SHORT SPAN		REINFORCEMENT ALONG SHORT SPAN		REMARKS
		MIDDLE PORTION	END PORTION	MIDDLE PORTION	END PORTION	
S1	100	8 ϕ @ 125MM C/C	8 ϕ @ 250MM C/C + 8 ϕ @ 250MM C/C	8 ϕ @ 125 MM C/C	8 ϕ @ 250 MM C/C + 8 ϕ @ 250 MM C/C	(I)CORNER REINFORCEMENT AS PER I.S.456 (II) BAR SPACING BELOW 3d. (iii)Ly/Lx<2 =TWO WAY SLAB Ly=LONG SPAN Lx=SHORT SPAN
S2	100	8 ϕ @ 150MM C/C	8 ϕ @ 300MM C/C + 8 ϕ @ 300MM C/C	8 ϕ @ 150 MM C/C	8 ϕ @ 300 MM C/C + 8 ϕ @ 300 MM C/C	
S3	125	12ϕ @ 125 MM C/C MAIN REINFORCEMENT 10ϕ @ 125 MM C/C DISTRIBUTION				STAIR CASE