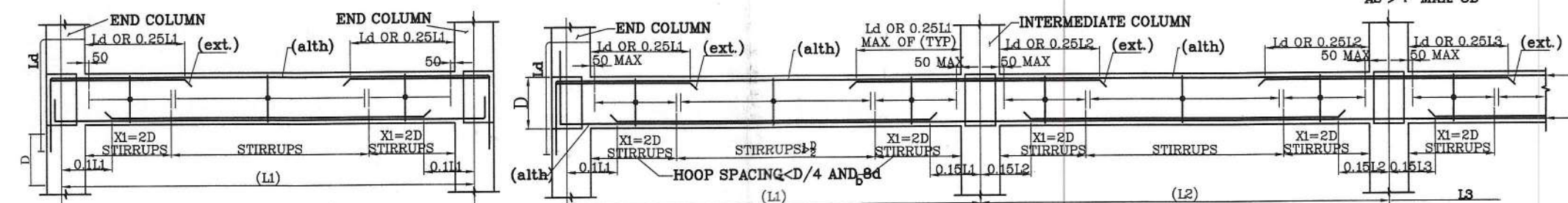


TYPICAL SECTION OF SLAB

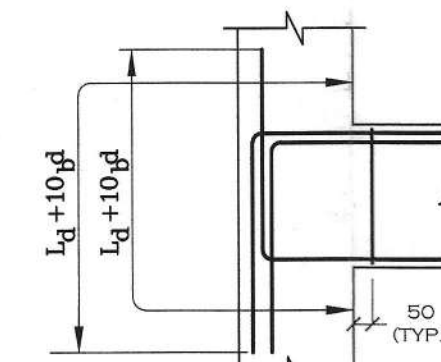
SCALE: 1:25

MIN 2 BARS FOR FULL LENGTH ALONG TOP AND BOTTOM FACE AS > P MIN. 8D AS > P MAX. 8D

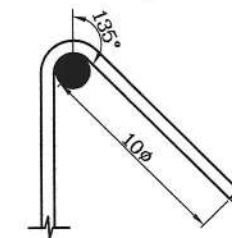


RC DETAILS OF SINGLE SPAN BEAMS
[REF. TABLE FOR REINFORCEMENT]

TYPICAL RC DETAILS OF MULTI-SPAN BEAMS
[REF. TABLE FOR REINFORCEMENT]



DETAIL OF Ld PROVIDED AT COLUMN BEAM JUNCTION



THE HOOK IN CLOSED STIRRUP
SCALE = NTS

BLOCK - A

FOUNDATION SCHEDULE

FDN MKD.	F.D.N UNDER COLUMN	FOUNDATION SIZE L1 X L2 (mm x mm)	D (mm)	REINFORCEMENT
(F1)	ALL COLUMN	AS PER DWG	500	16 T @150 c/c(B/W) IN TWO LAYERS (T/B)

BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3- 12Φ + 2- 16Φ	3-16Φ	3-12Φ	5-16Φ	2L -8T@100 c/c
B2	250X300	2- 12Φ + 2- 16Φ	2-16Φ	2-12Φ	4-16Φ	2L -8T@100 c/c
B3	250X400	3- 16Φ + 2- 16Φ	3-16Φ	3-16Φ	5-16Φ	2L -8T@100 c/c

SLAB SCHEDULE

SLAB MKD.	THICK-NESS	REINFORCEMENT		PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
		MAIN REINF.	DISTRIBUTION	
(S1)	120 MM	8 T @ 125 c/c	8 T 150 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
(S2)	125 MM	8 T @ 125 c/c	8 T 125 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP

COLUMN SCHEDULE

COLUMN MKD.	SECTION	REINFORCEMENT	TIE
C16,C29	325X400	8 - 16Φ	8T@100/150 c/c(2 No. per set)
C6,C10,C14,C17,C26	325X400	8 - 16Φ	8T@100/150 c/c(2 No. per set)
C1,C2,C4,C9,C11,C12,C15,C19,C20,C21,C23,C27,	400X500	12 - 20Φ	8T@100/150 c/c(3 No. per set)
C7,C8,C18,C24,C25	400X500	10 - 20Φ	8T@100/150 c/c(3 No. per set)
ALL OTHERS	325X450	10 - 16Φ	8T@100/150 c/c(3 No. per set)

BLOCK - B

FOUNDATION SCHEDULE

FDN MKD.	F.D.N UNDER COLUMN	FOUNDATION SIZE L1 X L2 (mm x mm)	D (mm)	REINFORCEMENT
(F1)	ALL COLUMN	AS PER DWG	500	16 T @150 c/c(B/W) IN TWO LAYERS (T/B)

BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3- 12Φ + 2- 16Φ	3-16Φ	3-12Φ	5-16Φ	2L -8T@100 c/c
B2	250X300	2- 12Φ + 2- 16Φ	2-16Φ	2-12Φ	4-16Φ	2L -8T@100 c/c
B3	250X400	3- 16Φ + 3- 16Φ	3-16Φ	3-16Φ	5-16Φ	2L -8T@100 c/c
B4	250X400	3- 16Φ + 3- 16Φ	3-16Φ	3-16Φ	6-16Φ	2L -8T@100 c/c

SLAB SCHEDULE

SLAB MKD.	THICK-NESS	REINFORCEMENT		PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
		MAIN REINF.	DISTRIBUTION	
(S1)	120 MM	8 T @ 125 c/c	8 T 150 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
(S2)	125 MM	8 T @ 125 c/c	8 T 125 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP

COLUMN SCHEDULE

COLUMN MKD.	SECTION	REINFORCEMENT	TIE
C1,C6,C20,C25,C26,C27,C28,C30	325X400	8 - 16Φ	8T@100/150 c/c(2 No. per set)
C3,C15,C18,C24,C29	325X450	10 - 16Φ	8T@100/150 c/c(3 No. per set)
C8,C9,C10,C11,C13,C14,C17,C19,C21,C22,C23	400X600	12 - 20Φ	8T@100/150 c/c(3 No. per set)
ALL OTHERS	400X500	10 - 20Φ	8T@100/150 c/c(3 No. per set)

BLOCK - C

FOUNDATION SCHEDULE

FDN MKD.	F.D.N UNDER COLUMN	FOUNDATION SIZE L1 X L2 (mm x mm)	D (mm)	REINFORCEMENT
(F1)	ALL COLUMN	AS PER DWG	500	16 T @150 c/c(B/W) IN TWO LAYERS (T/B)

BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3- 12Φ + 2- 16Φ	3-16Φ	3-12Φ	5-16Φ	2L -8T@100 c/c
B2	250X300	2- 12Φ + 2- 16Φ	2-16Φ	2-12Φ	4-16Φ	2L -8T@100 c/c
B3	250X400	3- 16Φ + 2- 16Φ	3-16Φ	3-16Φ	5-16Φ	2L -8T@100 c/c
B1C	250X450	6- 16Φ	2-16Φ	6-16Φ	2- 16Φ	2L -8T@100 c/c
ALL TIE BEAMS	250X400	5- 12Φ	3-12Φ	3-12Φ	5- 12Φ	2L -8T@100 c/c

SLAB SCHEDULE

SLAB MKD.	THICK-NESS	REINFORCEMENT		PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
		MAIN REINF.	DISTRIBUTION	
(S1)	120 MM	8 T @ 125 c/c	8 T 150 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
(S2)	125 MM	8 T @ 125 c/c	8 T 125 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP

COLUMN SCHEDULE

COLUMN MKD.	SECTION	REINFORCEMENT	TIE
C2,C20	325X400	8 - 16Φ	8T@100/150 c/c(2 No. per set)
C4	400X500	10 - 20Φ	8T@100/150 c/c(3 No. per set)
C1,C6,C10,C14,C22	325X400	8 - 16Φ	8T@100/150 c/c(2 No. per set)
ALL OTHERS	325X450	10 - 16Φ	8T@100/150 c/c(3 No. per set)

STRUCTURAL DRAWING OF 'SAMAIRA APARTMENT' OF B+G+IV RESIDENTIAL BUILDING OF R.S. DAG NO.- 1951, 1957, 1958, J.L. NO.- 106, L.R. KHATIAN NO.- 4819, 4820, 4821, 4822, 4837 & 4838, MOUZA - KARIDHYA, P.S. - SURI, DIST.- BIRBHUM, UNDER KARIDHYA GRAM PANCHAYET, SURI, BIRBHUM.

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