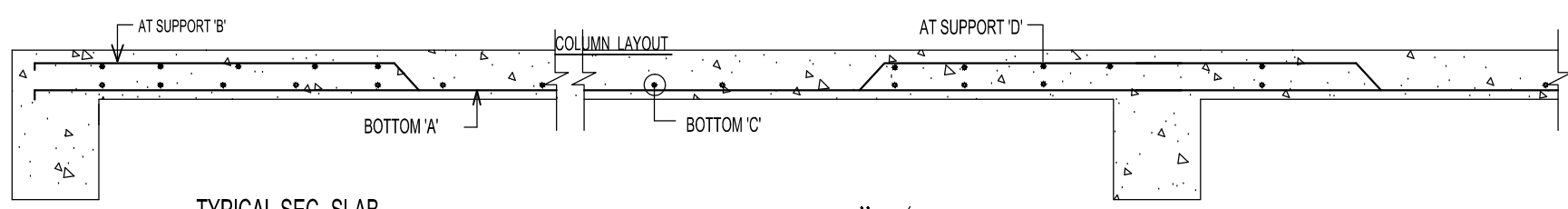
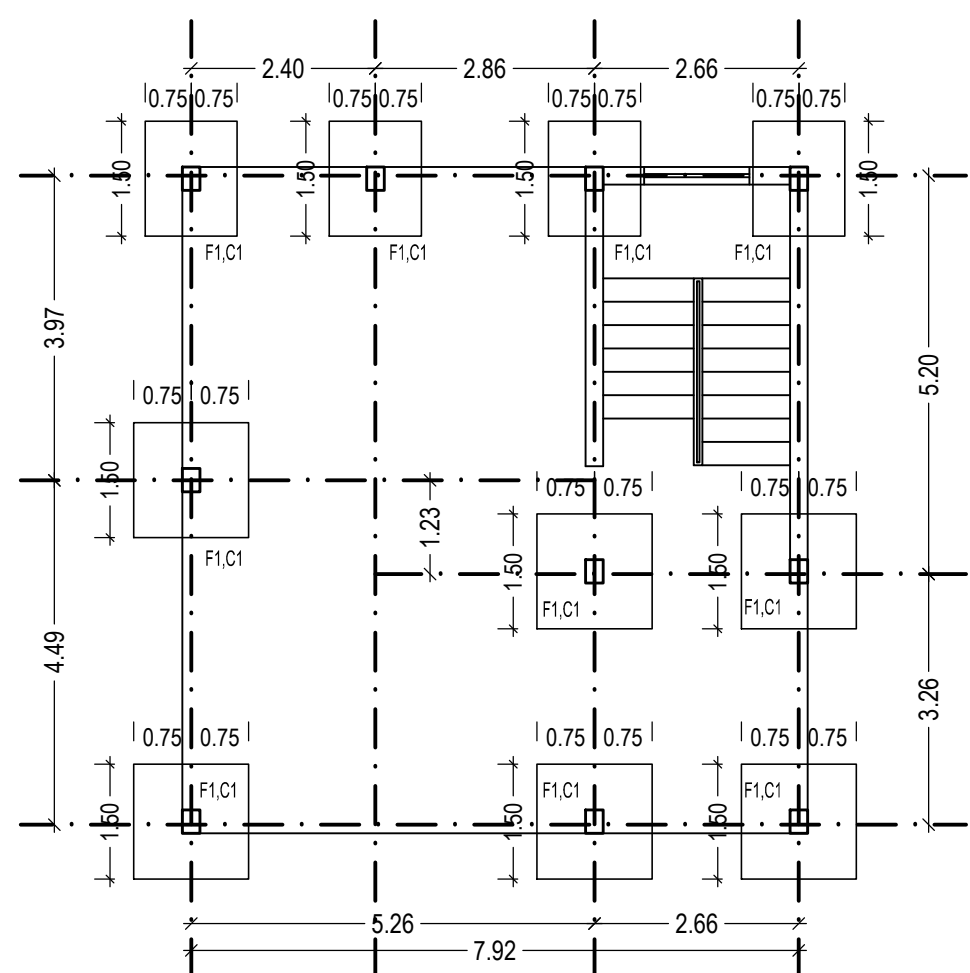
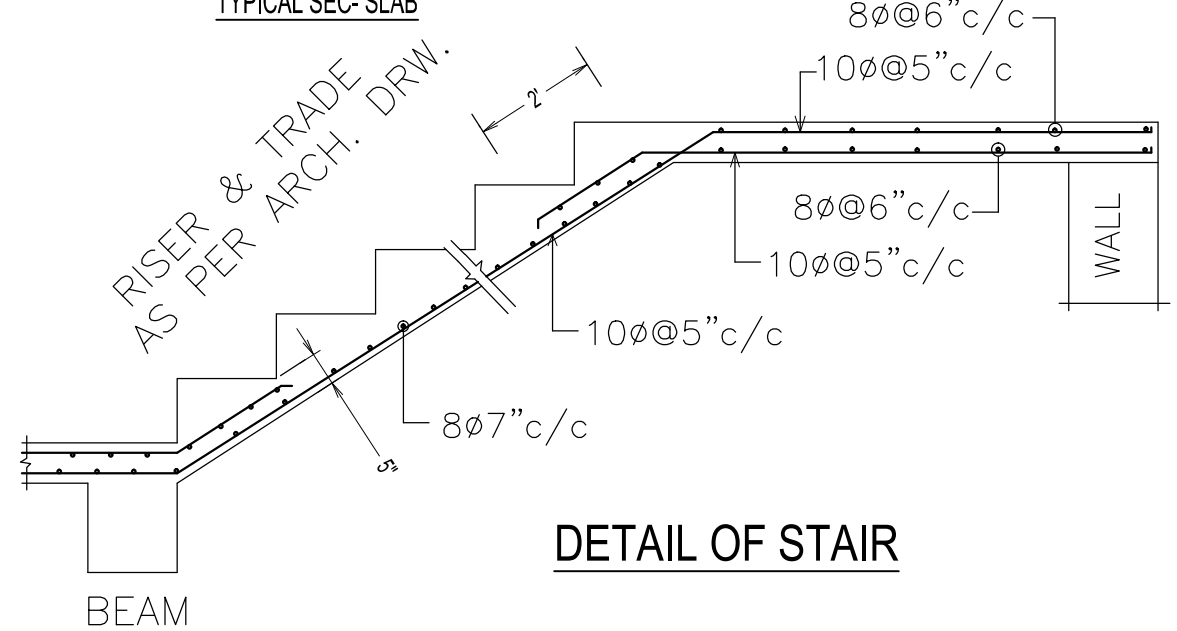


TIE BEAM LAYOUT

1ST ROOF BEAM LAYOUT



TYPICAL SEC. SLAB



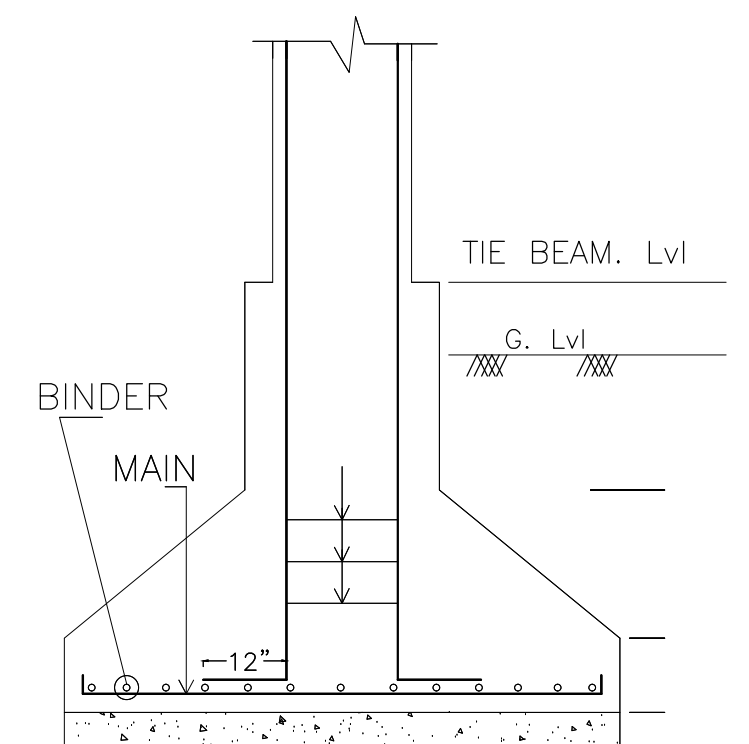
DETAIL OF STAIR

SLAB-REINFORCEMENT

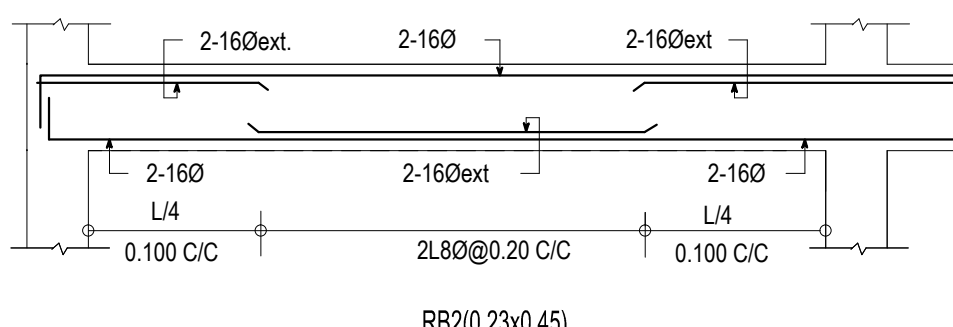
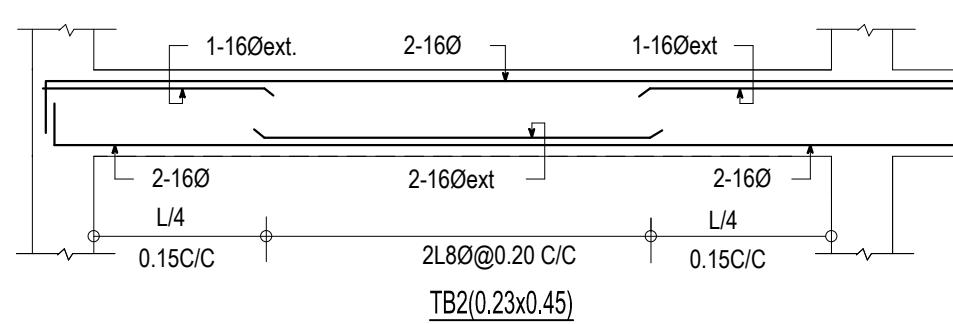
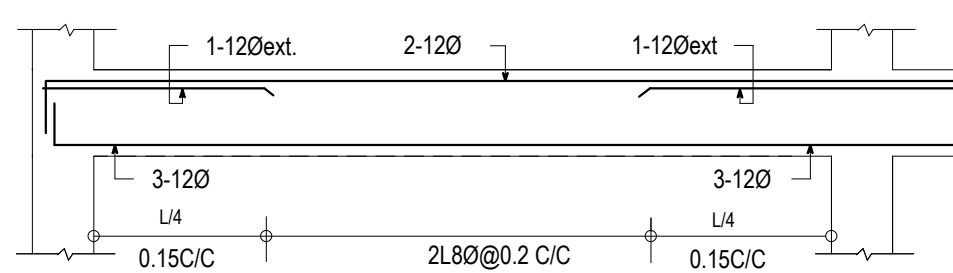
SLAB MARK	SLAB THK.	SHORT SPAN		LONG SPAN	
		BOTTOM 'A'	AT SUPPORT 'B'	BOTTOM 'C'	AT SUPPORT 'D'
S1	0.15	100@150 c/c	100 @ 200 c/c 100 @ 200 c/c Ext.	100@ 200 c/c	100@ 250 c/c 100@ 250 c/c Ext.

COL. MARK	SIZE	FOUNDTION TO 2nd ROOF			STIRRUPS
	l x b	a	b	c	
C1	0.23x0.3	4-16φ	2-16φ	- - -	2L8φ@175C/C
C2	0.23x0.4	4-16φ	4-16φ	- - -	2L8φ@175C/C

FNTG MARK	SIZE	DEPTHS			MAIN	BINDERS	
	L x B	D	R	S	ALONG-L	ALONG-B	
C1-F1	1.5x1.5	1.5	0.2	0.45	0.3	10φ@100 C/C	10φ@150C/C
C2-F2	1.2x1.2	1.5	0.2	0.6	0.3	10φ@100 C/C	10φ@150C/C



DETAIL OF COLUMN & FOOTING



NOTES:-

- * ALL BARS SHOULD BE TISON, SAIL, CONCAST, JINDAL .
- * ALL CEMENT SHOULD BE ACC. ULTRATECH, LAFARGE.
- * ALL CONCRETE SHOULD BE M20 (1:1.5:3)
- * ALL CONCRETE SHOULD BE MACHINE MIX.
- * ALL CONCRETE SHOULD BE VIBRETED.
- * CLEAR COVER FOR COL. 38 / 40 M.M. BY COVER BLOCK.
- * CLEAR COVER FOR FOOTING 50 M.M. BY COVER BLOCK.
- * LAP LENGTH FOR HORIZL. 60 X Ø OF REBAR.
- * LAP LENGTH FOR VERTICAL. 50 X Ø OF REBAR.

CURING PERIODS:-

TYPES OF WORK	CURING PERIOD
CONCRETE WORK IN ORDINARY PORTLAND CEMENT.	14 DAYS
BRICK MASONRY	10 DAYS
PLASTER	7 DAYS

CONCRETE CAN BE CURED BY PONDING AND FLOODING WITH WATER FOR KEEPING IT CONSTANTLY WET OR COVERED WITH JUTE BAGS KEPT UNDER WET CONDITION

NOTES:-

- (1) IN HANDMIXING OF CONCRETE ADD 10% EXTRA CEMENT.
- (2) THE INTERNAL SIZE OF A MEASURING BOX- EQUIVALENT TO 1 BAG OF CEMENT IS 12"x12"x15"
- (3) FOR WELDING OF REINFORCING REBARS, USE 9" LENGTH OF WELD, 2SIDES, FOR REBARS UPTO 25mm DIA
- (4) AT LINE OF DISCONTINUITY OF CASTINGS USE STOPPERS OF PROPER SIZE, SO THAT TOP REBARS AND BOTTOM REBARS REMAIN IN POSITION.
- (5) IN WATER-PRONE PLACES, FRESH CONCRETE MUST BE KEPT OUT OF REACH OF WATER FOR AT LEAST FOUR HOURS AFTER COMPLETING OF THE CASTINGS.

SIGNATURE OF SPL. OFFICER J.N.A.C	PROPOSED COMMERCIAL BUILDING PLAN OF M. PREM PRAKASH GOEL S/O SRI HANSRAJ GOEL PLOT NO - 839 KHATA NO - 652 THANA NO - 01 WARD NO - 8 MOUZA - PARDH DIST. - EAST SINGHBHUM	
	L.K. SUMAN	SHEET No- 01 / 01
SIGNATURE OF OWNER	L.K. SUMAN Office: 1, Second Floor Basant Tapes Complex, Sector 1, Jalandhar	
	Reg. No. - JNAC/001(T)/2016	