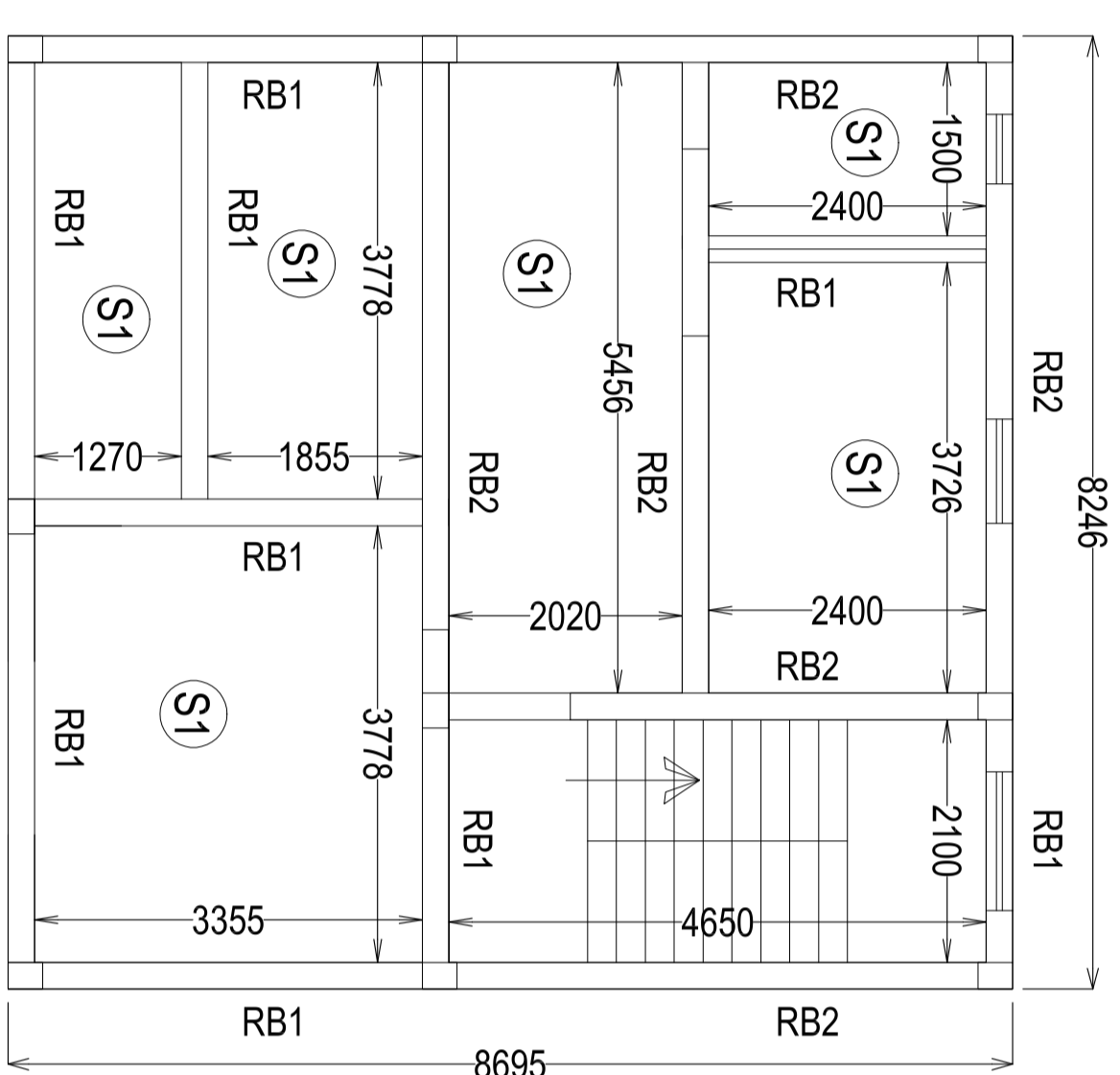
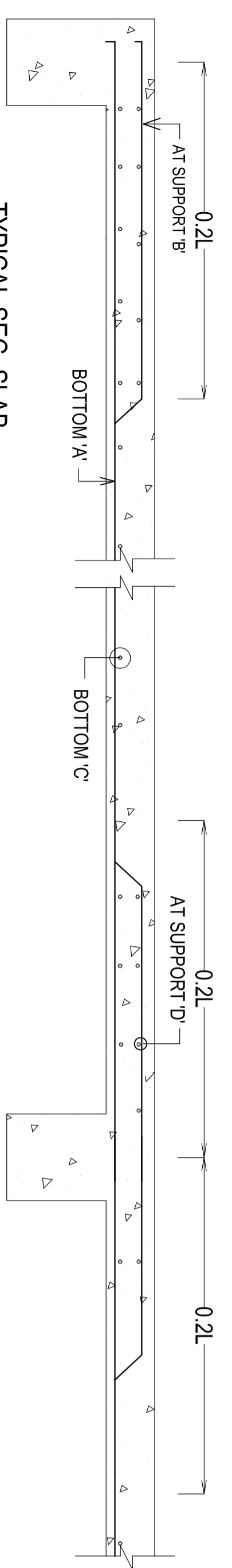


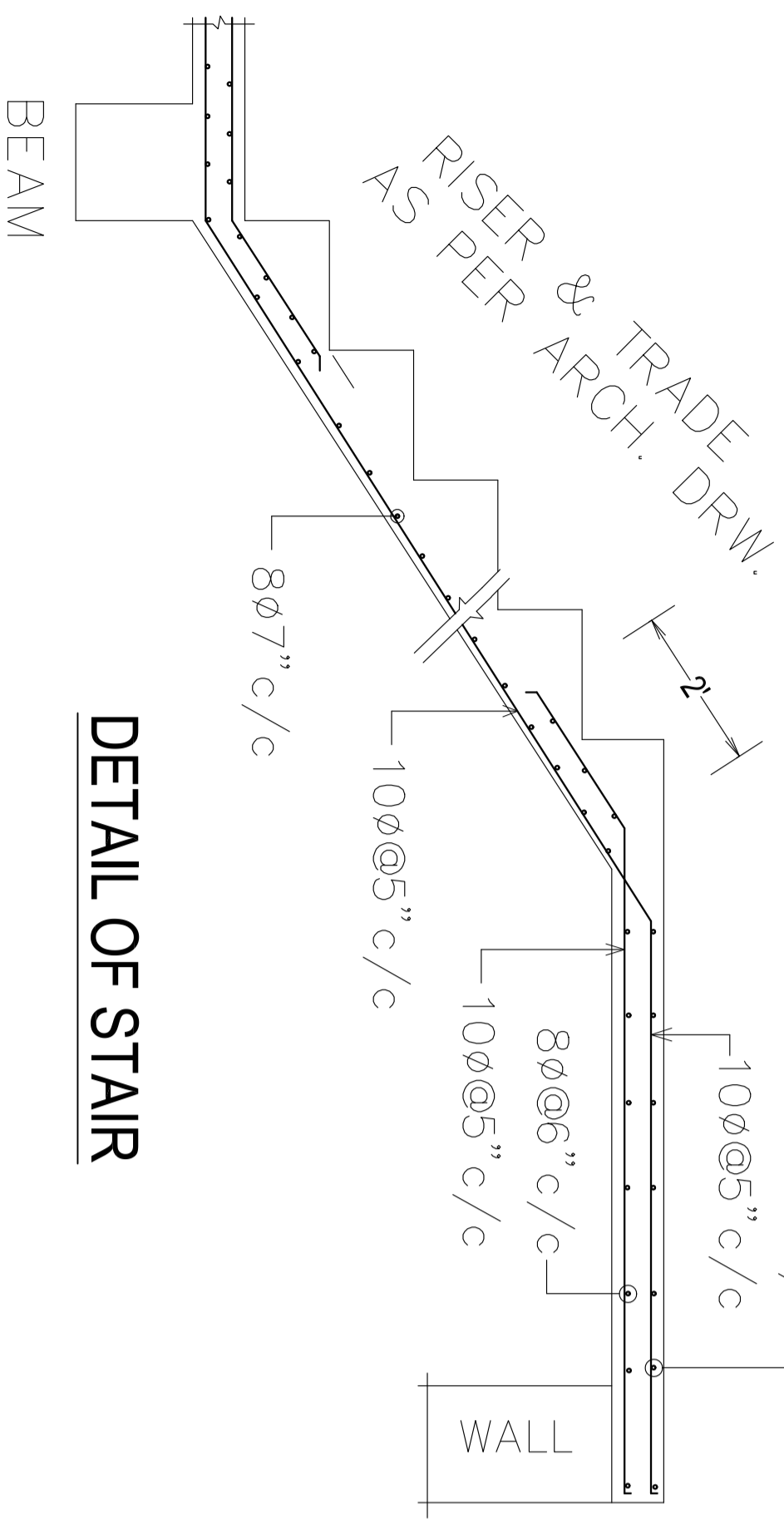
COLUMN & FOOTING LAYOUT



TYPICAL ROOF BEAM & SLAB LAYOUT



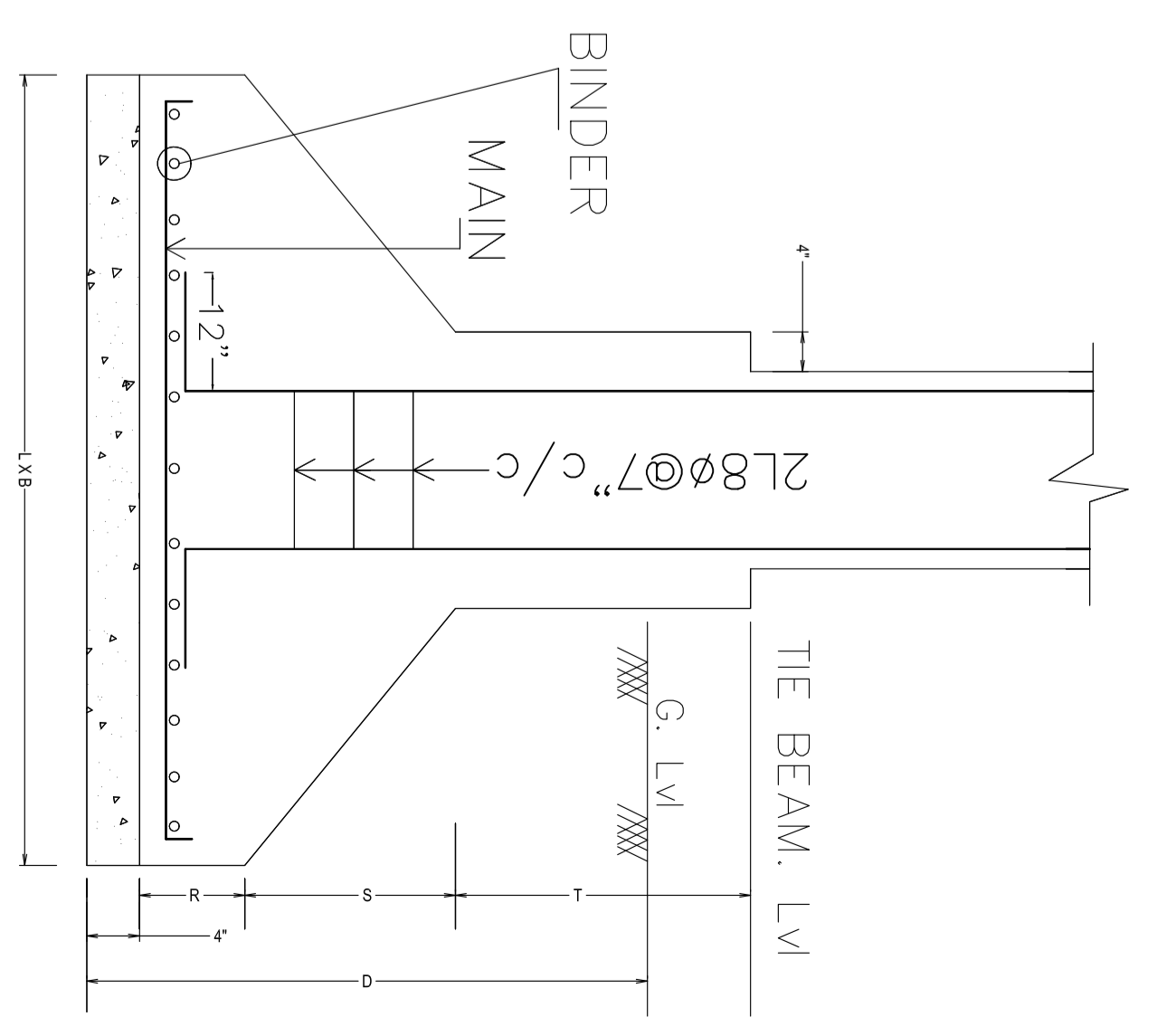
TYPICAL SEC- SLAB



DETAIL OF STAIR

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

FOOTING DETAIL							
FNITG MARK	SIZE L x B	DEPTHS D	R	S	T	MAIN ALONG-L	BINDERS ALONG-B
C1-F1	1.2x1.2	1.5	0.2	0.45	0.3	10φ@100 C/C	10φ@50C/C
C2-F2	1.5x1.5	1.5	0.2	0.6	0.3	10φ@100 C/C	10φ@150C/C



DETAIL OF COLUMN & FOOTING

NOTES:-

- * ALL BARS SHOULD BE TISCON, 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.
- * ALL CONCRETE SHOULD BE COVERED.
- * 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 .25SIDES, 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.

SLAB-REINFORCEMENT

SLAB MARK	SLAB THK.	SHORT SPAN		LONG SPAN	
		BOTTOM 'A'	AT SUPPORT 'B'	BOTTOM 'C'	AT SUPPORT 'D'
S1	0.15	10φ@150 c/c	10φ @ 200 c/c	10φ@ 200 c/c	10φ@ 250 c/c

PROPOSED RESIDENTIAL BUILDING PLAN OF Smt. GEETA MANIK AT HOLDING NO.-13 KASIDIH EAST AREA JAMSHEDPUR		L.K. SUMAN SHEET No- 01/01
SIGNATURE OF SPL. OFFICER J.N.A.C.		L.K. SUMAN Office: 1, Second Floor Resant Taluk Complex, Shivoli, Jamshedpur
SIGNATURE OF OWNER		Reg. No.- JNAC/001(T)2016