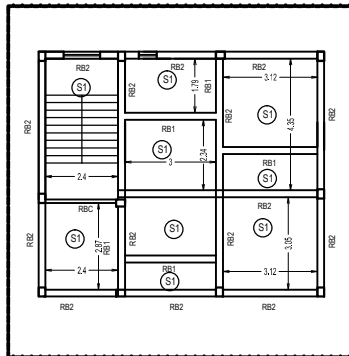
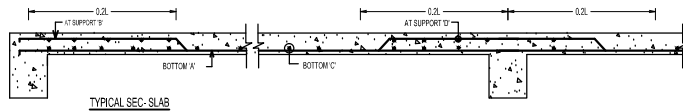


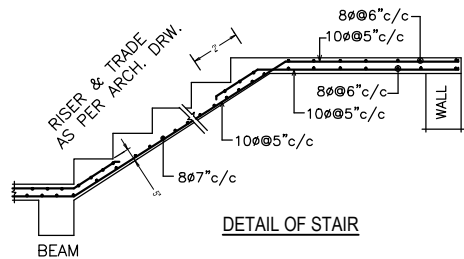
COLUMN, FOOTING & TIE BEAM LAYOUT



TYPICAL ROOF BEAM & SLAB LAYOUT



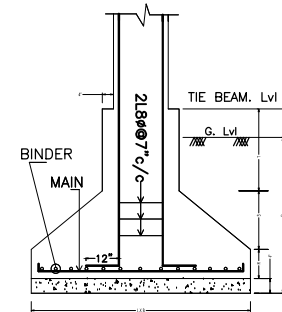
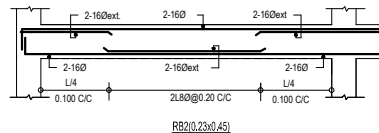
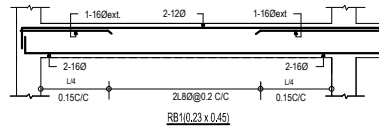
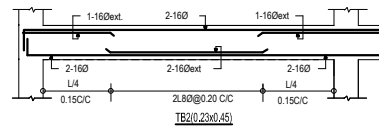
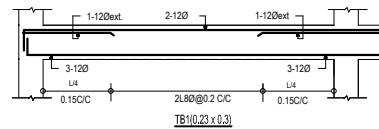
TYPICAL SEC. SLAB



DETAIL OF STAIR

COL.		FOUNDATION TO 2nd ROOF			STIRRUPS	
MARK	SIZE	a	b	c		
C1	0.23x0.3	4-16ø	2-16ø	- - -	2L8ø@175C/C	
C2	0.23x0.4	4-16ø	4-16ø	- - -	2L8ø@175C/C	

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



DETAIL OF COLUMN & FOOTING

- NOTES:
- \* ALL BARS SHOULD BE TISCO, 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 HORIZ. 50 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 UP TO 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	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.

PROPOSED RESIDENTIAL BUILDING PLAN OF Smt. HEMLATA SHARMA W/O LATE PRAKASH SHARMA AT NEW PLOT NO.- 4637 NEW KHATA NO.- 286 WARD NO.- 10, MNAC THANA NO.- 286 MOKDA - MANGO P.S. - MANGO DIST. - EAST SINGHBHUM	
SIGNATURE OF SPL. OFFICER J.N.A.C.	L.K. SUMAN SHEET No. - 01 / 01 L.K. SUMAN Dist. - 1 Second Floor (Seal & Stamp) Date: 11/01/2016
SIGNATURE OF OWNER	Res. No. - JNAC/001(T)/2016