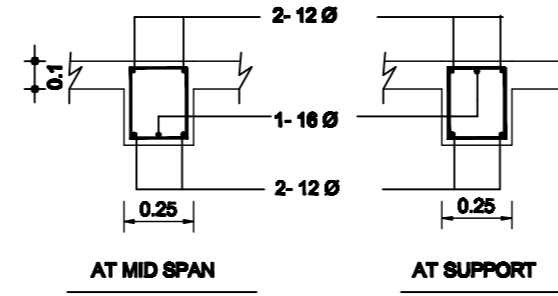


**SCHEDULE OF R.C.C COL.**

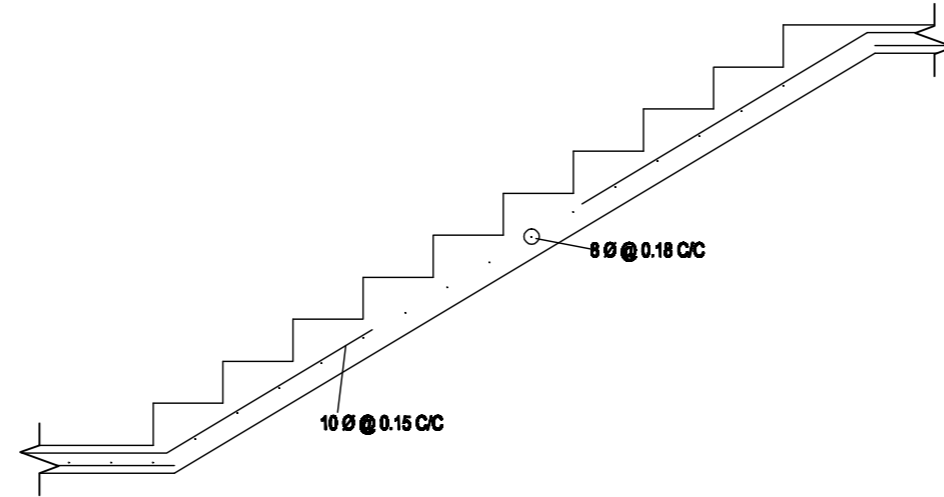
COL. MKD.	SIZE(M)	REINFORCEMENT	
		VER. STEEL	LINKS
C1	0.25 X 0.30	4- 16 $\Phi$ + 2-12 $\Phi$	8 $\Phi$ (2L) @ 0.150 C/C
C2	0.25 X 0.35	6- 16 $\Phi$	8 $\Phi$ (2L) @ 0.150 C/C
C3	0.25 X 0.40	4- 16 $\Phi$ + 4-12 $\Phi$	8 $\Phi$ (2L) @ 0.150 C/C

**SCHEDULE OF R.C.C COL. FOUNDATION**

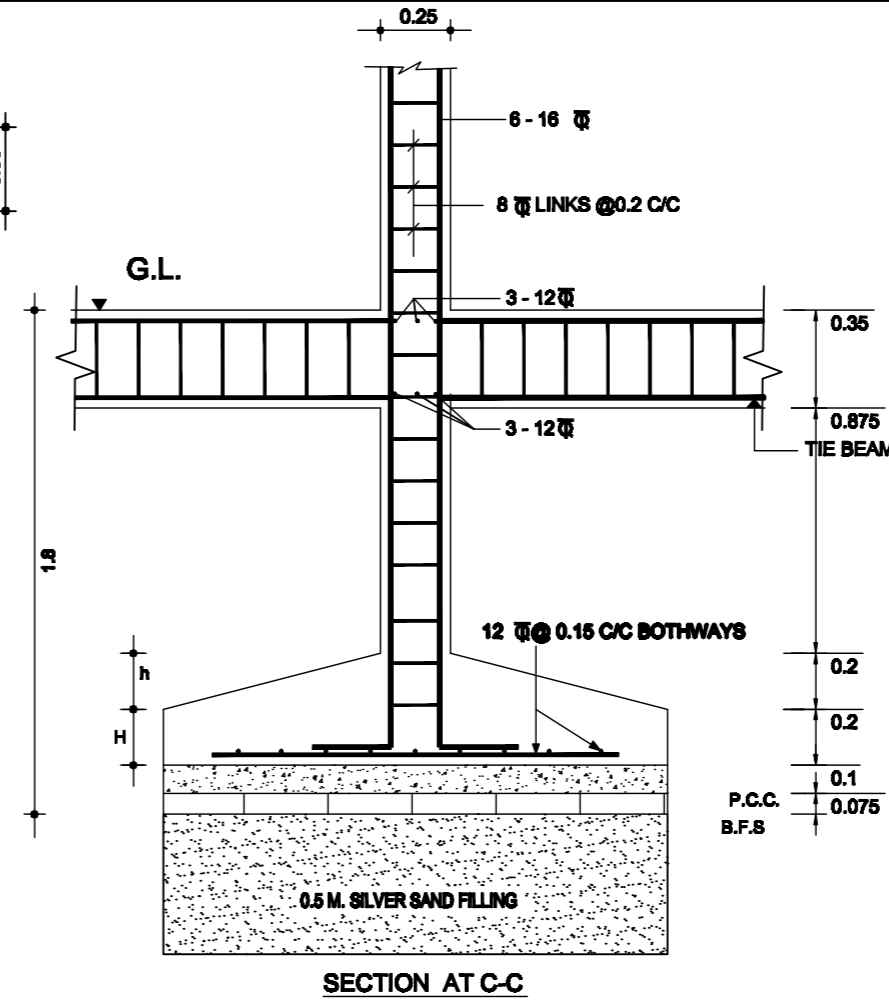
FOUDN. MKD.	FOOTING SIZE (M)				REINFORCEMENT
	L	B	h	H	
F <sub>1</sub>	1.5	1.5	0.2	0.2	12 $\Phi$ @ 0.15 C/C BOTHWAYS
F <sub>2</sub>	1.8	1.8	0.2	0.2	12 $\Phi$ @ 0.15 C/C BOTHWAYS
F <sub>3</sub>	2.1	2.1	0.2	0.2	12 $\Phi$ @ 0.15 C/C BOTHWAYS



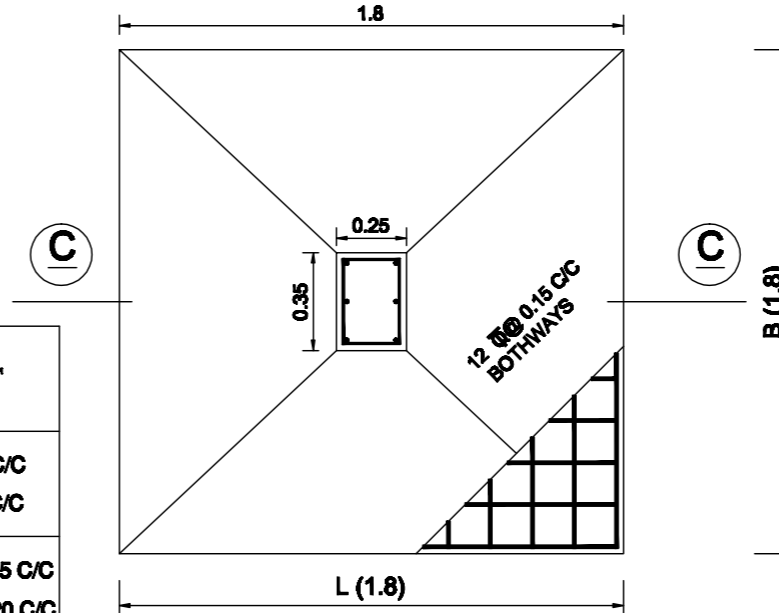
**R.C.C BEAM (B1)**  
SCALE :- 1:4



**DETS. OF STAIR**  
SCALE :- 1:25



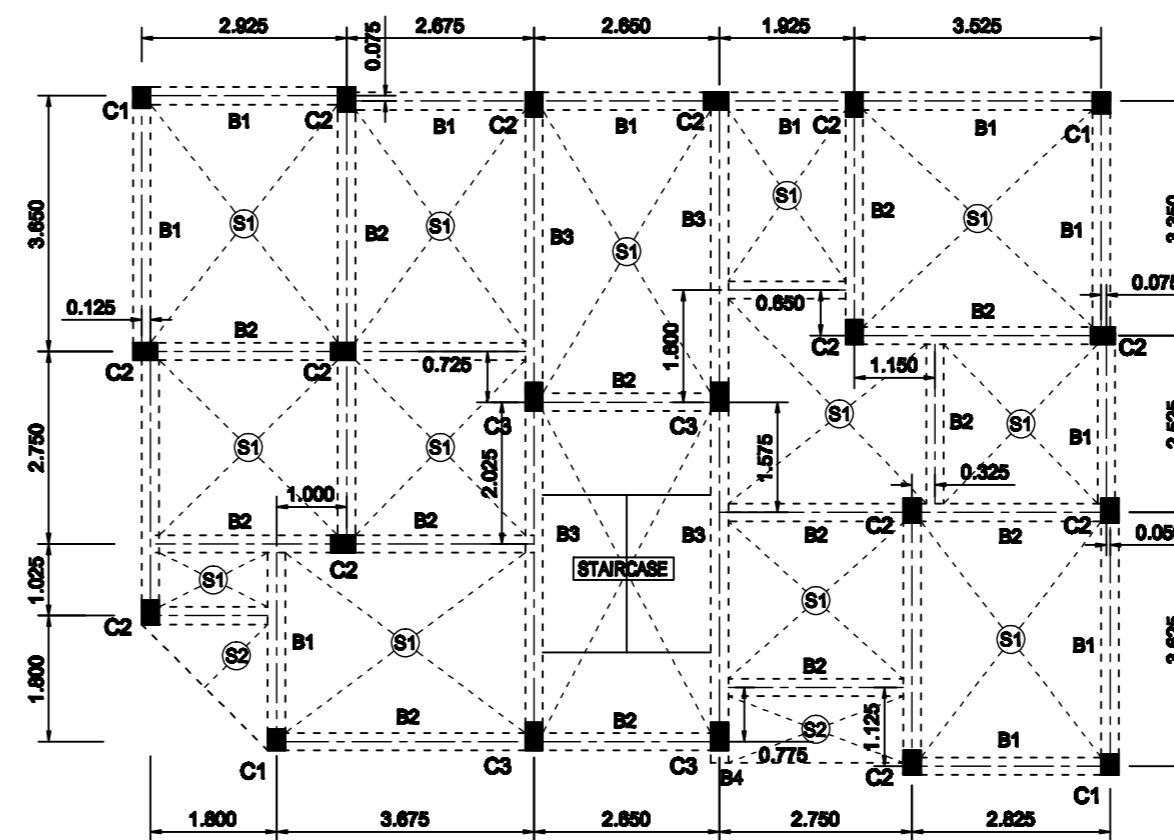
**SECTION AT C-C**



**R.C.C COL. (C2)**  
SCALE :- 1:25

**SCHEDULE OF R.C.C SLAB**

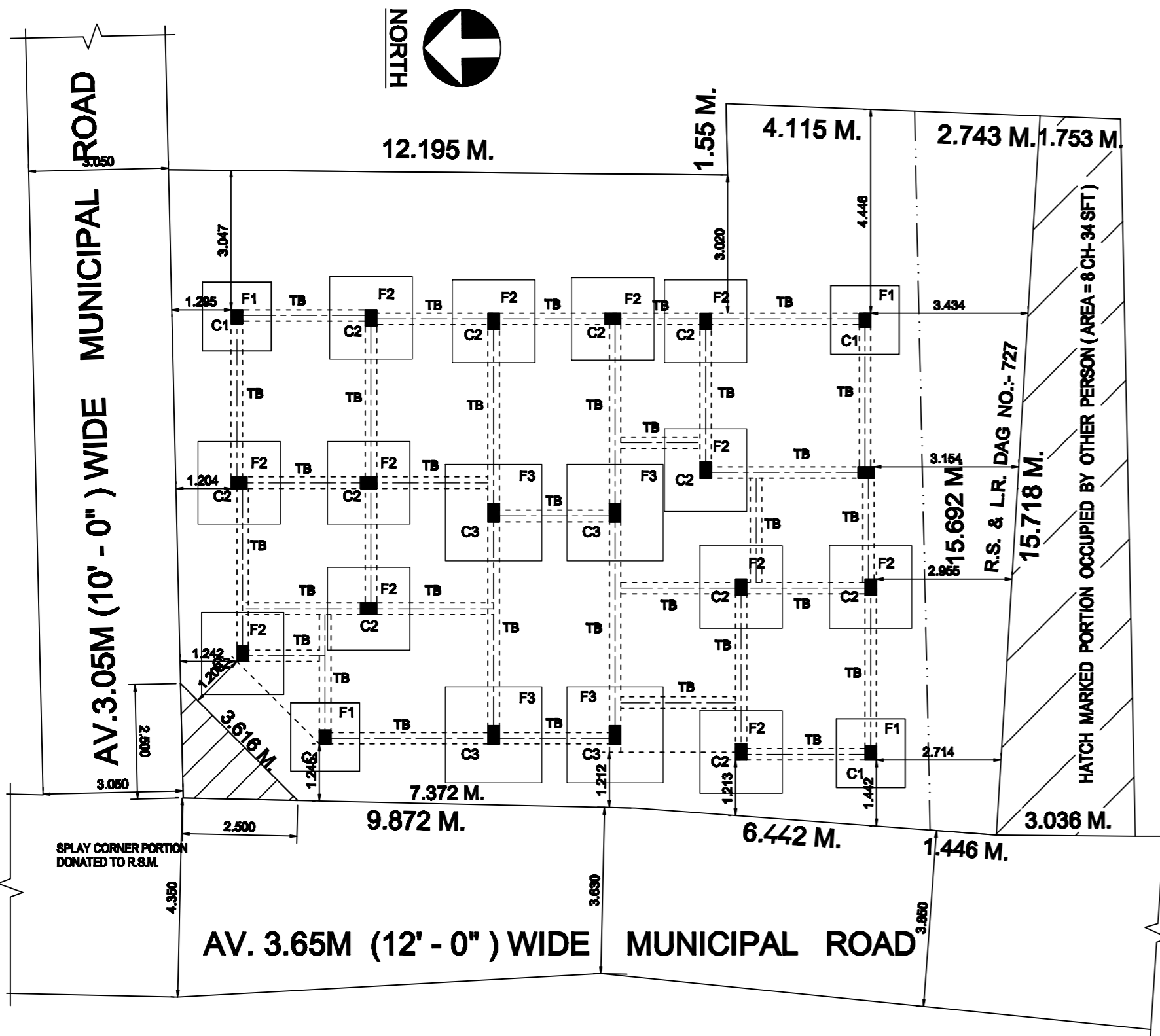
SLAB MKD.	THICKNESS (M)	REINFORCEMENT
S <sub>1</sub>	0.1	SHORTER SPAN 8 $\Phi$ @ 0.15 C/C LONGER SPAN 8 $\Phi$ @ 0.175 C/C
S <sub>2</sub>	0.11 - 0.90	MAIN BAR (AT TOP) 10 $\Phi$ @ 0.15 C/C BINDER (AT BOTTOM) 8 $\Phi$ @ 0.20 C/C
STAIRCASE	0.125	MAIN BAR 10 $\Phi$ @ 0.15 C/C BINDER 8 $\Phi$ @ 0.18 C/C



**SLAB & BEAM LAYOUT PLAN**

**SCHEDULE OF R.C.C BEAM**

BEAM MKD.	BEAM SIZE(M)	REINFORCEMENT		STIRRUPS
		AT SPAN	AT SUPPORT	
B <sub>1</sub>	0.25 X 0.3	TOP 2- 12 $\Phi$ BOTTOM 2-12 $\Phi$ + 1-16 $\Phi$	TOP 2- 12 $\Phi$ + 1-16 $\Phi$ BOTTOM 2-12 $\Phi$	8 $\Phi$ 2L @ 0.2 C/C
B <sub>2</sub>	0.25 X 0.30	TOP 2- 12 $\Phi$ BOTTOM 2-16 $\Phi$ + 1-16 $\Phi$	TOP 2- 12 $\Phi$ + 1-16 $\Phi$ BOTTOM 2-16 $\Phi$	8 $\Phi$ 2L @ 0.2 C/C
B <sub>3</sub>	0.25 X 0.35	TOP 2- 16 $\Phi$ BOTTOM 2-16 $\Phi$ + 2-12 $\Phi$	TOP 2- 16 $\Phi$ + 2-12 $\Phi$ BOTTOM 2-16 $\Phi$	8 $\Phi$ 2L @ 0.15 C/C
CANTI BEAM B <sub>4</sub>	0.25 X 0.3	TOP 2- 16 $\Phi$ + 2-12 $\Phi$	BOTTOM 2-16 $\Phi$ ALTHROUGH	8 $\Phi$ 2L @ 0.2 C/C
TIE BEAM TB	0.25 X 0.35	TOP 3- 12 $\Phi$	BOTTOM 3-12 $\Phi$ ALTHROUGH	8 $\Phi$ 2L @ 0.2 C/C



**FOUNDATION LAYOUT PLAN**

**STRUCTURAL LAYOUT PLAN OF A THREE STORIED BUILDING AT DAG NO.:- 726 & 727 (R.S. & L.R.), KH. NO.:- 695 (R.S.), 4135, 4222 (L.R.) J.L.NO.:- 47 MOUZA:- BARHANS - FARTABAD P.S.:-NARENDRAPUR (ERSTWHILE SONARPUR) HOLDING NO.:-2172, GARIA ROAD WARD NO.:-29 UNDER RAJPUR - SONARPUR MUNICIPALITY DIST:- 24 PARGANA (SOUTH)**

**NOTES & SPECIFICATIONS**

- ALL DIMENSIONS ARE IN M.
- WRITTEN DIMENSIONS TO BE FOLLED.
- OUTER WALLS ARE 0.20 M. THK.
- PARTITION WALLS ARE 0.125 & 0.075 M. THK.
- GRADE OF CONCRETE = M 20
- GRADE OF STEEL = Fe 550

**SCALE :- 1:100**

( UNLESS MENTIONED )

**NAME OF L.B.S.(I) - AMIT KUMAR MANDAL**  
113 / RJPSON / L.B.S. (I)

CERTIFIED WITH FULL RESPONSIBILITY THAT DESIGN & DRAWING OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE PROPOSED PORTION OF BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA & CERTIFIED IT IS SAFE & STABLE IN ALL RESPECT.

**NAME OF E.S.E. - SASHI BHUSHAN BASU**  
14 / RJPSON / E.S.E.-2 / 2016-2017

**NAME OF G.T.E. - SANKAR CHAKRABARTI**  
004 / RJPSON / GTE - I / 2017-18

**NAME OF OWNER - SMT. MANJU CHAKRABORTY**  
SMT. RATNA DHAR

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