

DETAILS OF FOUNDATION

FDN. MKD.	COL. MKD.	SIZE (MM)	FOUNDATION DEPTH.	EARTH CUTTING FROM G.L.	REINFORCEMENT	
					SHORTER DIREC.	LONGER DIREC.
F1	C13,C14,C15,C16 C17& C18	1800X1800	250	1500	12 $\bar{\Phi}$ @150 C/C	12 $\bar{\Phi}$ @150 C/C
F2	C1,C2,C3,C4 C5,C6,C7,C8,C9 C10,C11& C12	1500X1500	250	1500	12 $\bar{\Phi}$ @150 C/C	12 $\bar{\Phi}$ @150 C/C

SCHEDULE OF COLUMN

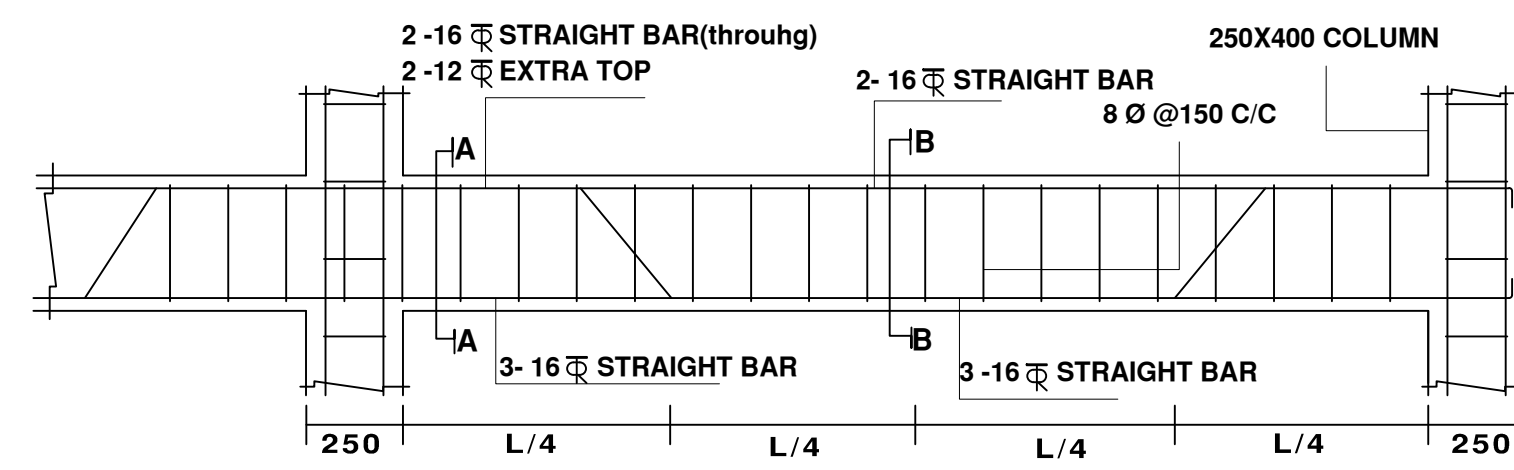
COL. MKD.	SIZE AND REINFORCEMENT			TIE
	GROUND FLOOR	UP TO 1st. FLOOR	UP TO 2nd. FLOOR	
C13,C14,C15,C16 C17& C18	250X400 6-16 $\bar{\Phi}$	250X400 6-16 $\bar{\Phi}$	250X400 6-16 $\bar{\Phi}$	8 $\bar{\Phi}$ @250 C/C
C1,C2,C3,C4 C5,C6,C7,C8,C9 C10,C11& C12	250X350 4-16 $\bar{\Phi}$ 2-12 $\bar{\Phi}$	250X350 4-16 $\bar{\Phi}$ 2-12 $\bar{\Phi}$	250X350 4-16 $\bar{\Phi}$ 2-12 $\bar{\Phi}$	8 $\bar{\Phi}$ @250 C/C

SCHEDULE OF BEAMS

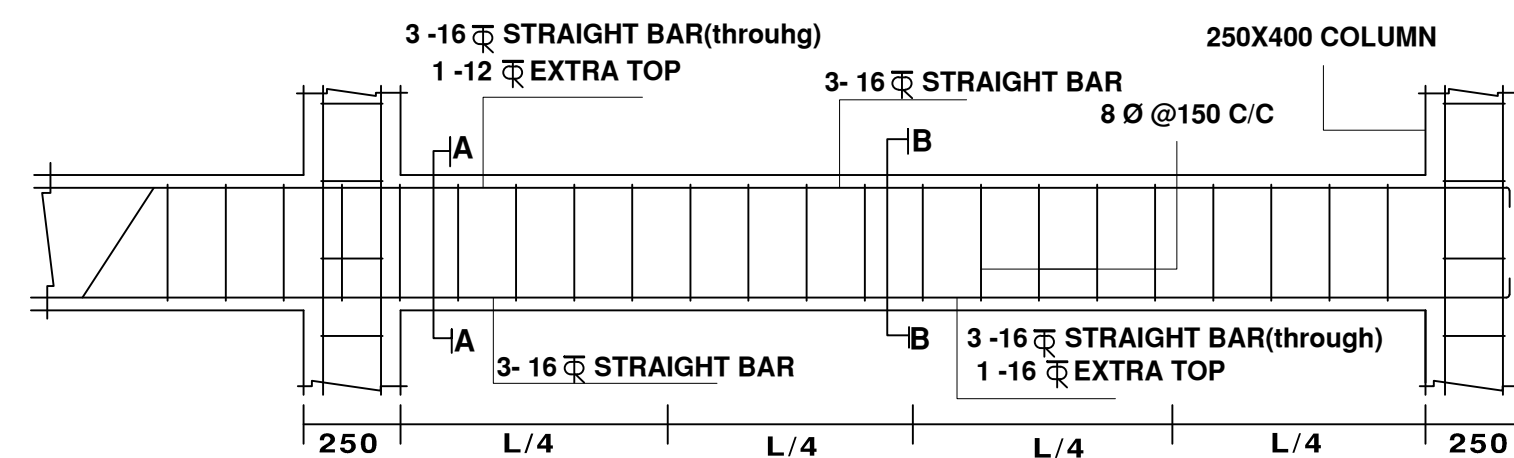
BEAM MKD.	SIZE (MM X MM)	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		TOP	BOTT.	STIRRUPS	TOP	BOTT.	STIRRUPS
B1	250X350	3-16 $\bar{\Phi}$ 1-12 $\bar{\Phi}$	3-16 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	3-16 $\bar{\Phi}$ 3-16 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	
B2	250X350	2-16 $\bar{\Phi}$ 2-12 $\bar{\Phi}$	3-16 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	2-16 $\bar{\Phi}$ 3-16 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	
B3	250X350	2-12 $\bar{\Phi}$	2-16 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	2-12 $\bar{\Phi}$ 2-16 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	
TB	250X250	2-12 $\bar{\Phi}$ 1-12 $\bar{\Phi}$	2-12 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	2-12 $\bar{\Phi}$ 1-12 $\bar{\Phi}$	8mm $\bar{\Phi}$ @150 mm C/C	

DETAILS OF SLAB

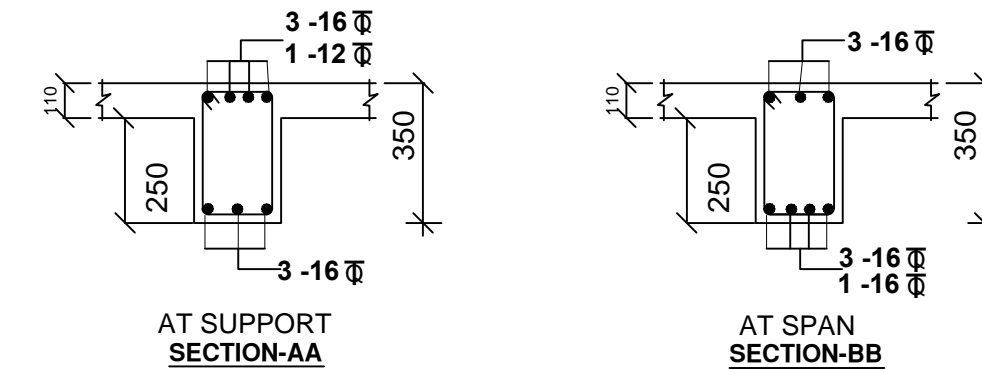
SLAB. MKD.	DEPTH (MM)	REINFORCEMENT			
		SUPPORT		SPAN	
(S1)	100	top layer	bot. layer	top layer	bot. layer
		8mm $\bar{\Phi}$ @150 C/C L/4	8mm $\bar{\Phi}$ @150 C/C THROUGH	8mm $\bar{\Phi}$ @150 C/C THROUGH	8mm $\bar{\Phi}$ @150 C/C THROUGH



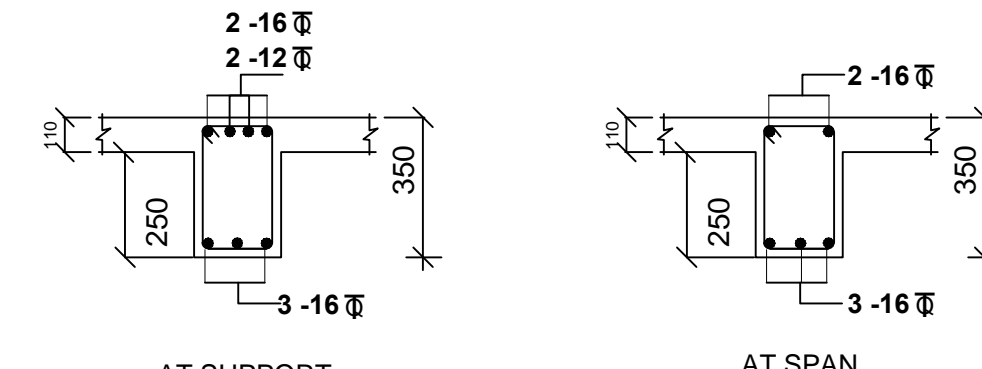
LONGITUDINAL SECTION OF BEAM MARKED B2
SCALE=1:25



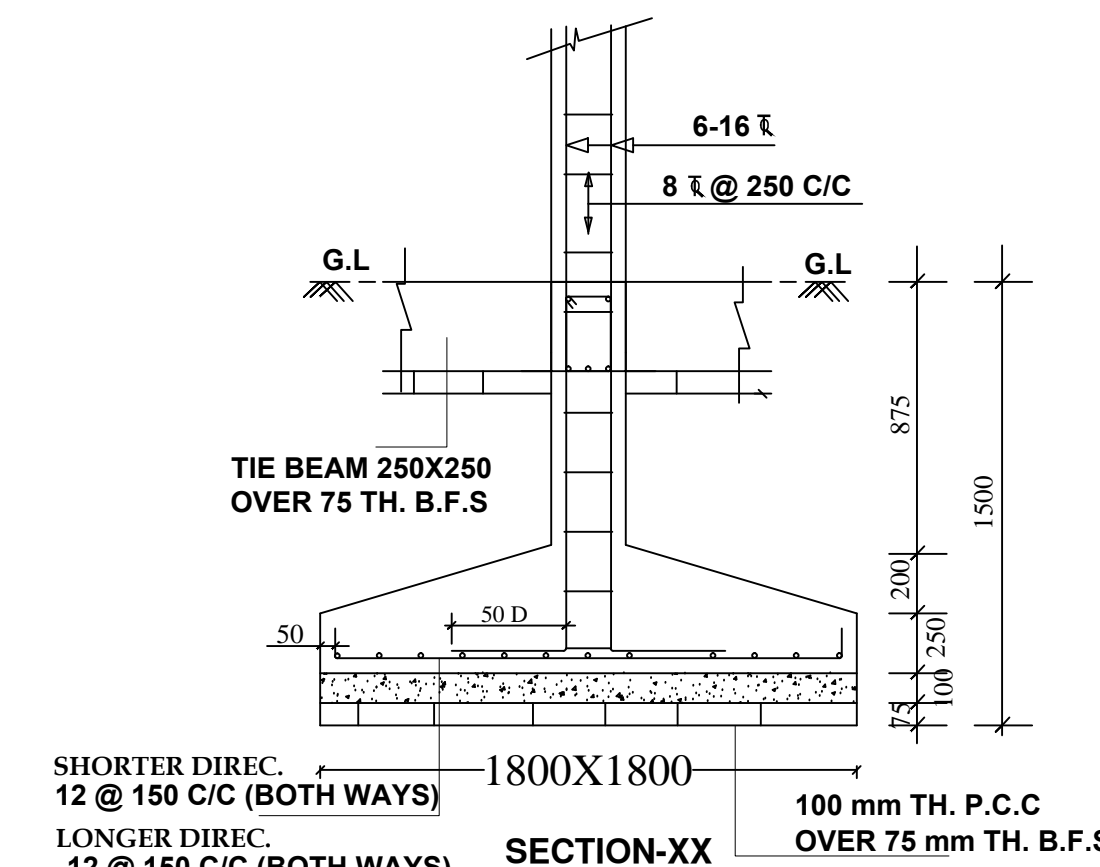
LONGITUDINAL SECTION OF BEAM MARKED B1
SCALE=1:25



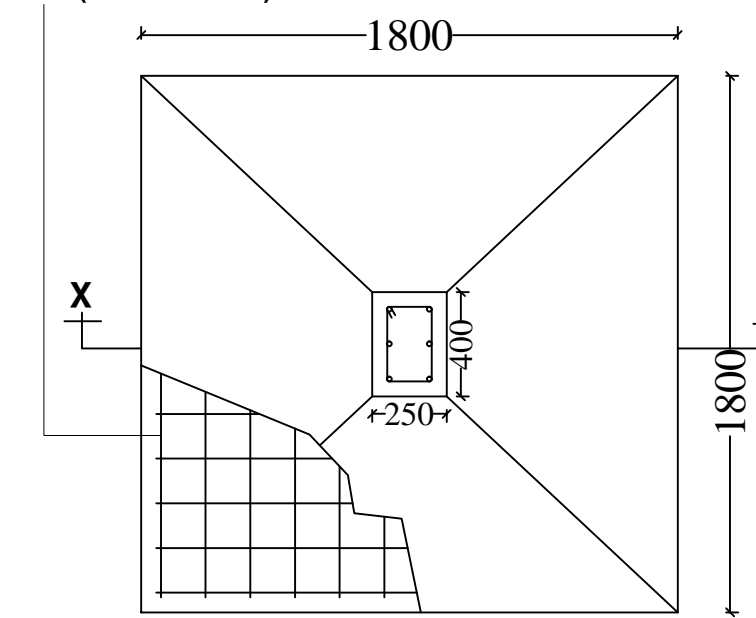
CROSS SECTION OF R.C.C. BEAM (B1)
SCALE = 1:25



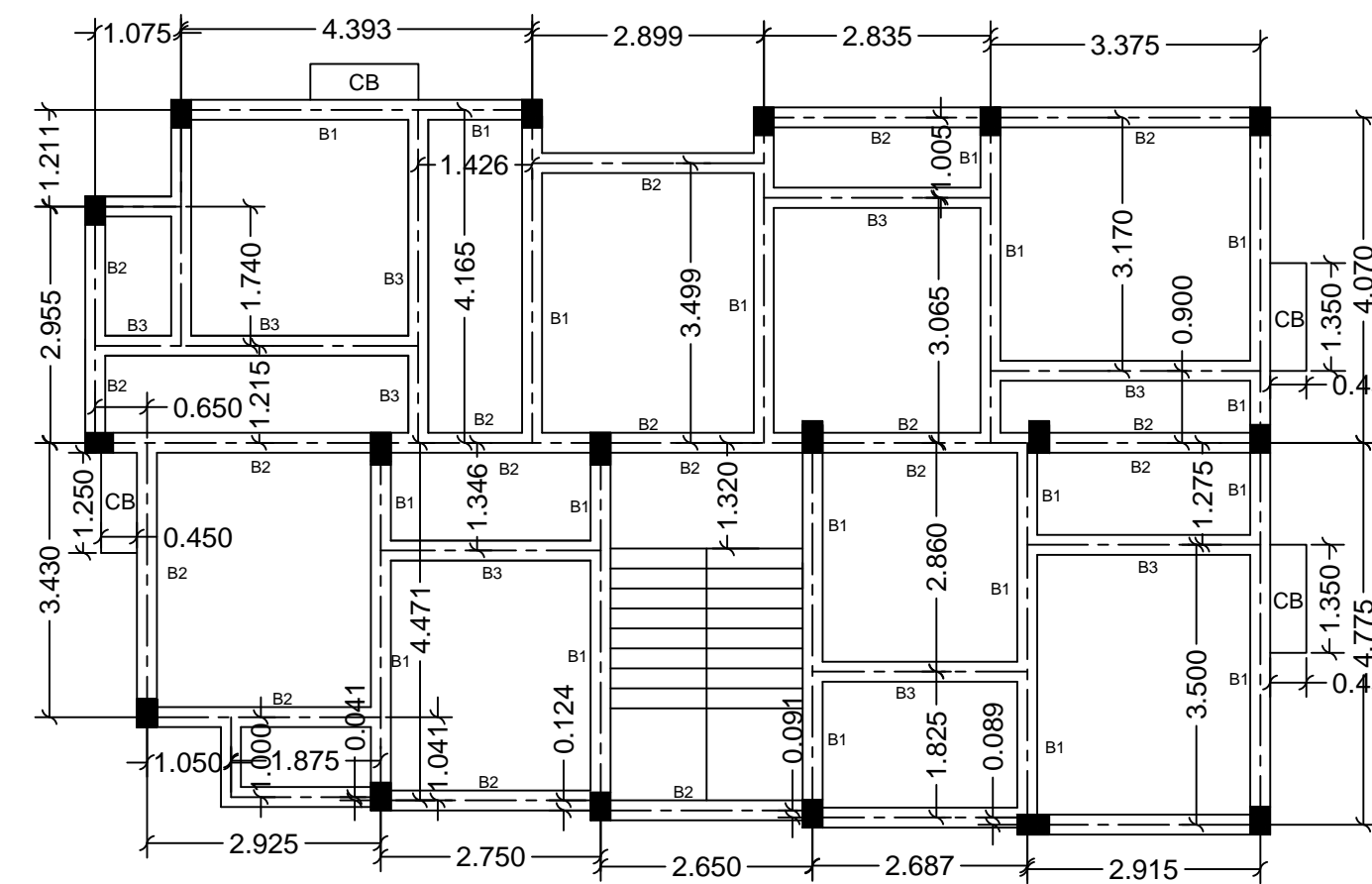
CROSS SECTION OF R.C.C. BEAM (B2)
SCALE = 1:25



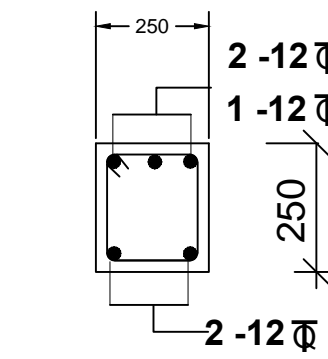
SECTION-XX
TIE BEAM 250X250 OVER 75 TH. B.F.S



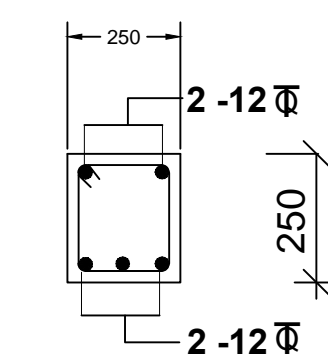
PLAN
DETAILS OF ISOLATED FOOTING(F1)



ROOF BEAM PLAN
SCALE - 1:1

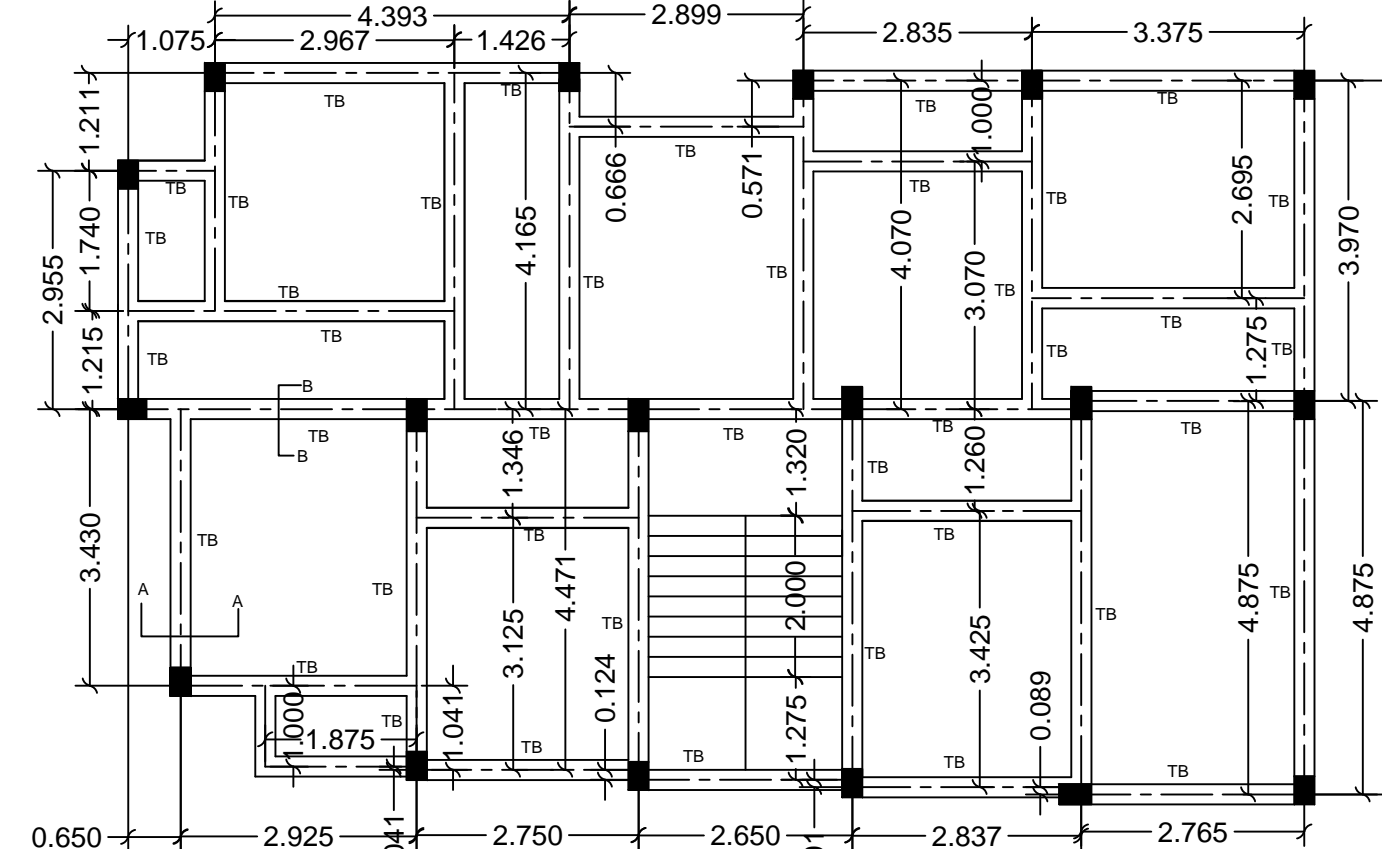


AT SUPPORT SECTION-AA



AT SPAN SECTION-BB

DETS. OF R.C.C. BEAM (TB)
SCALE = 1:25



T-BEAM PLAN
SCALE - 1:1

PROPOSED STRUCTURAL PLAN OF A THREE STORIED RESIDENTIAL BUILDING OF HOLDING NO.- 966 SRINAGAR WARD NO.-01,R.S DAG. NO. 71,R.S KH. NO.- 187, L.R. DAG NO.- 76, L.R KH. NO.-4704,4705 & 4706, MOUZA- TENTULBERIAR, J.L NO.-44, UNDER-RAJPUR SONARPUR MUNICIPALITY, DIST. - 24 PGS (SOUTH), P.S- NARENDRAPUR
NAME OF THE ASSESSES : PROVATI SAHA & OTHERS

DETAILS SPECIFICATION OF BUILDING.

NOTES.

- ALL DIMENSIONS ARE IN M.M. UNLESS NOTED OTHERWISE
- THE DRAWING IS DEVELOP AS PER SITE PLAN
- FIRST GLASS BRICK ARE TO BE USED
- ALL PARTITION WALLS ARE 200 M.M. THICK.
- ALL PARTITIONS WALLS ARE 125 & 75 M.M. THICK.
- TRADE = 250 M. M. AND RISE = 150 M.M.
- GRADE OF CONCRETE IS M-20 (1:1.5:3).
- GRADE OF STEEL IS Fe-415.
- CLEAR COVER TO MAIN REINFORCEMENT:-
a) FOOTING = 50 M.M. (b) COLUMN = 40 M.M. (c) BEAM = 25 M.M. d) SLAB = 20 M.M.

SPECIFICATION.

- DEPTH OF SEPTIC TANK WILL NOT BE EXCEEDED THE DEPTH OF FOUNDATION 10 PROPORTION TO BRICK EARK:-
(a) PLINTH=1:4 (b) SUPERSTRUCTURE = 1:5
- 11 125 M.M. AND 75 M.M. THICK BRICK WORK CEMENT SAND MORTAR 1:4
12. TRADE = 250 M. M. AND RISE = 150 M.M.
13. 16 M. M. THICK OUTSIDE PLASTER WITH VEMENT SAND MOTER 1:6
14. 12 M.M. THICK INSIDE PLASTER WITH CEMENT SAND MOTER 1:6
15. 6 M.M. THICK PLASTER OVER R.C.C. WORK WITH CEMENT SAND MOTER 1:4
16. ALL OTHER RECOMMENDATION AS PER I.S. CODE.

SAFETY CERTIFICATE.(STRUCTURE).

The structure designed & drawing of both made by me.Considering all possible loads including the seismic loads as per National Building Code of India.and Certified that it is safe and stable in all respect.

SAMIRAN MUKHERJEE
CLASS-III(057) R.S.M
NAME OF E.S.E

DECLARATION OF L.B.S.

IT IS CERTIFIED THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF RAJPUR -SONARPUR MUNICIPALITY. BLDG. RULES AS AMENDED FROM TIME TO TIME AND THAT SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORMED WITH THE PLAN & CERTIFIED THAT IT IS A BUILDABLE SITE AND IT IS INFORMED BY THE OWNER THAT IT IS NOT A TANK OR FILLED UP TANK . THE PLOT IS DEMARCATED BY BOUNDARY WALL.

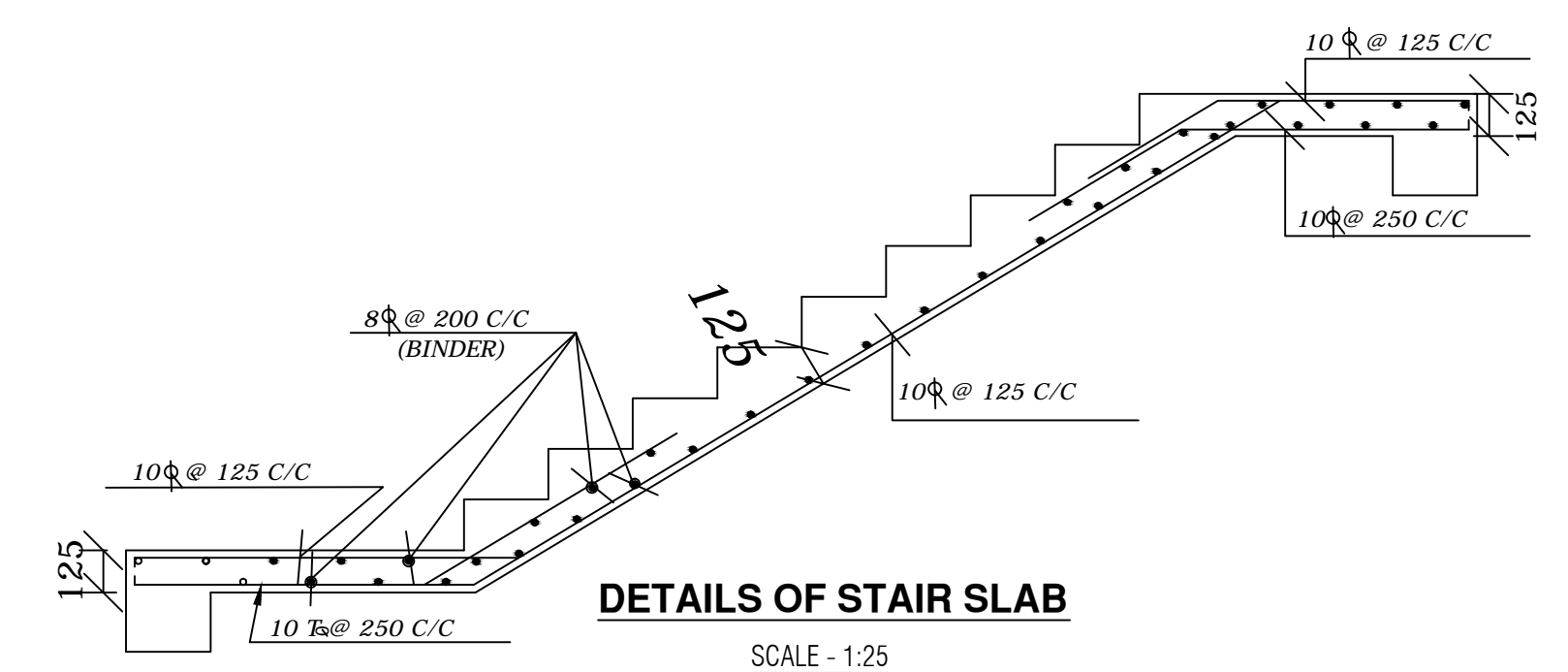
MANAS MUKHERJEE
CLASS-(38) R.S.M
NAME OF L.B.S.

DECLARATION OF GEO-TECH.

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY THE CONDITION OF SOIL TAKING OF ALL POSSIBLE LOADS OF INDIA INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

SAMIRAN MUKHERJEE
CLASS-(30) R.S.M
NAME OF GEO-TECH

M/S. SINDHUJA ASSOCIATE
(1) SRI TAPASH KUMAR GHOSH
(2) SRI TOTUL KUMAR GHOSH
CONSTITUTION POWER OF ATTORNEY
PROVATI SAHA & OTHERS
NAME OF THE APPLICANTS



DETAILS OF STAIR SLAB
SCALE - 1:25