SCHEDULE OF SLAB (FLOOR/ROOF)

SLAB MKD.	THICKNESS	REINFORCEMENT					
		ALONG SHORTER AXIS			ALONG LONGER AXIS		
		SUPPORT		SPAN	SUPPORT		SPAN
		TOP	BOTTOM	BOTTOM	TOP	BOTTOM	BOTTOM
S1	115	8 mm TOR @ 150 C / C (UP TO L/4)	8 mm TOR @ 150 C / C	8 mm TOR @ 150 C / C	8 mm TOR @ 175 C / C (UP TO L/4)	8 mm TOR @ 175 C / C	8 mm TOR @ 175 C / C
S2	130	-DO-	-DO-	-DO-	-DO-	-DO-	-DO-
S3	150	-DO-	10 mm TOR @ 150 C / C	10 mm TOR @ 150 C / C	-DO-	10 mm TOR @ 175 C / C	10 mm TOR @ 175 C / C

SCHEDULE OF COLUMN

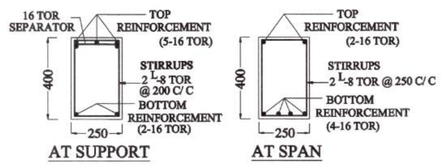
COLUMN MKD.	COLUMN SIZE (axb)	PEDASTAL SIZE (mm)	VRTICAL REINFORCEMENT	LATERAL TIES
C3, C12, C16,	250X300	550 X 600 X UP TO TIE BEAM	6 - 16 TOR	8 TOR @ 150 C/ C
C1, C4, C8, C9, C11, C13, C14, C15	250 X 350	550 X 650 X UP TO TIE BEAM	8 - 16 TOR	-DO-
C2, C5, C6, C7, C10	250 X 400	550 X 700 X UP TO TIE BEAM	8 - 16 TOR	-DO-

SCHEDULE OF BEAM (FLOOR / ROOF)

BEAM MKD.	BEAM SIZE (bxd)	REINFORCEMENT					
		SUPPORT		SPAN		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250 X 450	5-16 TOR	2 - 16 TOR	2 - 16 TOR	4 - 16 TOR	2 ^{L}-8 TOR @ 150 C/ C	2 ^{L}-8 TOR @ 225 C/ C
B2	250 X 450	4 -16 TOR	3 - 16 TOR	2 - 16 TOR	6 - 16 TOR	- DO -	- DO -
B3	250 X 400	4-16 TOR	2 - 16 TOR	2 - 16 TOR	4 - 16 TOR	- DO -	- DO -
B4	250 X 400	3-16 TOR	2 16 TOR	2 - 16 TOR	4 -16 TOR	- DO -	- DO -
B5	250 X 400	2-16 TOR	2 - 16 TOR	2 - 16 TOR	3 - 16 TOR	- DO -	- DO -
B6	250 X 400	3-16 TOR	2 - 16 TOR	2 - 16 TOR	3 - 16 TOR	- DO -	- DO -
TIE BEAM (TB)	250 X 400	5-16 TOR	2 - 16 TOR	2 - 16 TOR	4 - 16 TOR	2 ^{L}-8 TOR @ 200 C/ C	2 ^{L}-8 TOR @ 200 C/ C
TIE BEAM 1 (TB1)	250 X 400	4-16 TOR	2 - 16 TOR	2 - 16 TOR	3 - 16 TOR	- DO -	- DO -

SCHEDULE OF ISOLATED FOOTINGS

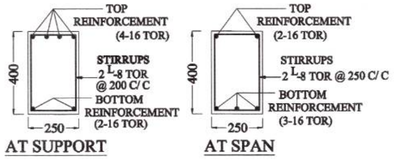
FOOTING MKD.	COLUMN MKD.	FOOTING SIZE (L X B) (mm)	d1 (mm)	d2 (mm)	Ast	As
F-1	C3, C12, C16	2000 X 2000	150	225	12 mm TOR @ 175 C/ C	12 mm TOR @ 175 C/ C
F-2	C1, C4, C8, C9, C11, C13, C14, C15	2300 X 2300	200	250	12 mm TOR @ 150 C/ C	12 mm TOR @ 150 C/ C
F-3	C2, C5, C6, C7, C10	2550 X 2550	200	300	- DO -	- DO -



AT SUPPORT AT SPAN

CROSS SECTION OF TIE BEAM MKD.- (TB)

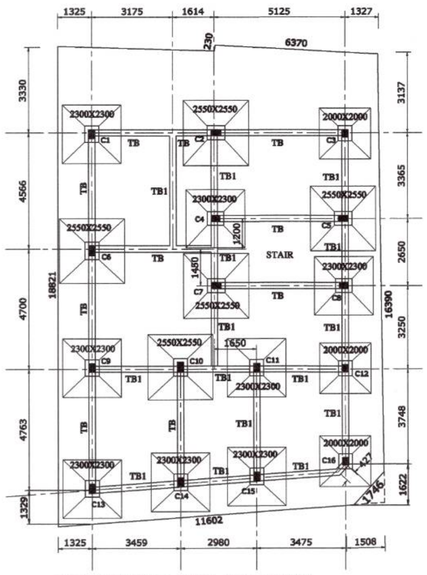
SCALE = 1:10



AT SUPPORT AT SPAN

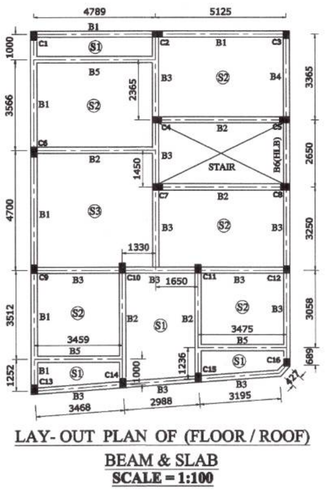
CROSS SECTION OF TIE BEAM MKD.- (TB1)

SCALE = 1:10



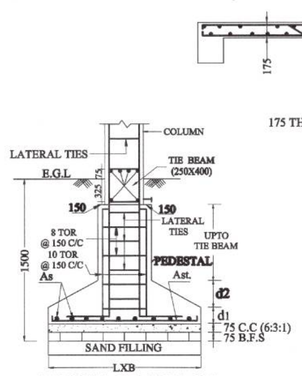
FOUNDATION LAY- OUT PLAN WITH CENTRE LINE OF BEAM

SCALE = 1:100



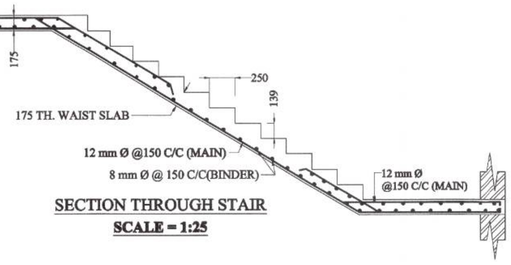
LAY- OUT PLAN OF (FLOOR / ROOF) BEAM & SLAB

SCALE = 1:100



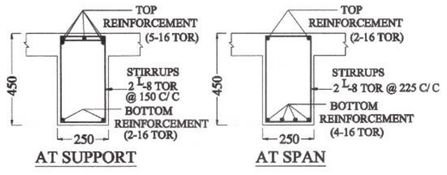
TYPICAL DETAILS OF ISOLATED FOOTING

NOT TO SCALE



SECTION THROUGH STAIR

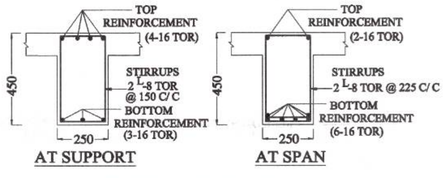
SCALE = 1:25



AT SUPPORT AT SPAN

CROSS SECTION OF BEAM MKD.- (B1)

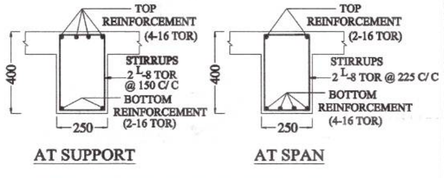
SCALE = 1:10



AT SUPPORT AT SPAN

CROSS SECTION OF BEAM MKD.- (B2)

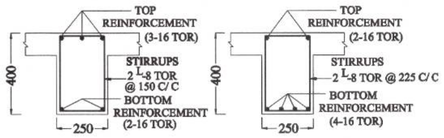
SCALE = 1:10



AT SUPPORT AT SPAN

CROSS SECTION OF BEAM MKD.- (B3)

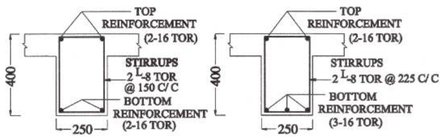
SCALE = 1:10



AT SUPPORT AT SPAN

CROSS SECTION OF BEAM MKD.- (B4)

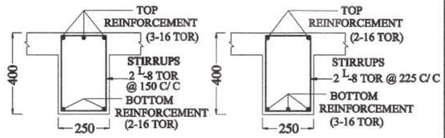
SCALE = 1:10



AT SUPPORT AT SPAN

CROSS SECTION OF BEAM MKD.- (B5)

SCALE = 1:10



AT SUPPORT AT SPAN

CROSS SECTION OF BEAM MKD.- (B6)(HLB)

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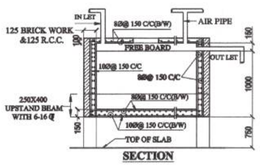
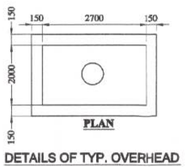
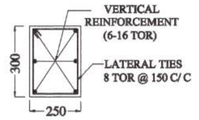


SECTION



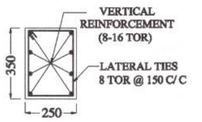
DETAILS OF TYP. OVERHEAD WATER RESERVOIR CAPACITY= 5000 LTR.

(NOT TO SCALE)



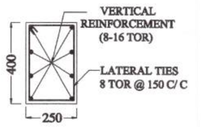
TYP. SECTION OF COLUMN MKD.- (C3, C12, C16)

SCALE = 1:10



TYP. SECTION OF COLUMN MKD- (C1, C4, C8, C9, C11, C13, C14, C15)

SCALE = 1:10



TYP. SECTION OF COLUMN MKD.- (C2, C5, C6, C7, C10)

SCALE = 1:10

STRUCTURAL DRAWING FOR A THREE STO--RIED RESIDENTIAL BUILDING AT HOLDING NO.- 73(33), OLAI CHANDI 1ST LANE, WARD NO.-29, AT R.S. DAG NO.- 3570, L.R. DAG NO.- 3570/5608, PRAJA KH. NO.- 1490, HAL KH. NOS.- 910 & 1794, L.R. KH. NO - 7653, IN MOUZA - DAKSHIN NIMTA, J.L. NO.-8,P. S.-NIMTA,DIST.- NORTH 24 PGS., UNDER NORTH DUM DUM MUNICIPALITY.

NAME OF THE OWNER:-

SRI GADAI KARMAKAR

CERTIFICATE BY OWNER

CERTIFIED THAT I SHALL NOT ON A LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN. CERTIFIED THAT I HAVE GONE THROUGH THE RULES FOR NORTH DUMDUM MUNICIPALITY, AND ALSO UNDER TAKE TO ABIDE BY THOSE RULES IN DURING AND AFTER THE CONSTRUCTION OF THIS BUILDING.

GADAI KARMAKAR

NAME OF OWNER

CERTIFICATE BY L.B.S. / ENGINEER

CERTIFIED THAT THE PLAN HAS BEEN DESIGNED AND DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES OF NORTH DUM DUM MUNICIPALITY. CERTIFIED THAT THE FOUNDATION AND SUPER STRUC- TURE OF THE BUILDING HAVE BEEN SO DESIGN BY ME AS TO BE SAFE IN ALL RESPECTS INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL.

L.B.S. - SANAT ROY; LICENSE NO.- NDDM/LBS-1/03

NAME OF L.B.S. / ENGINEER

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. ALL R.C.C. CONCRETE ARE OF M20 GRADE
3. ALL REINFORCEMENT ARE OF Fe 500 GRADE
4. CLEAR COVER :-
   FOUNDATION - 75 MM ,
   COLUMN - 40 MM ,
   BEAM - 25 MM ,
   SLAB - 15 MM ,
5. LAP LENGTH : 50 X DIAMETER OF HIGHER SECTOR OF REINFORCEMENT .
6. BEAM REINFORCEMENT (EXTRA) :
   AT SUPPORT : 0.3 L FROM SUPPORT
   AT MID SPAN : 0.8 L

SCALE=1:100	DRG. NO.- S.R./ 23	CKD. BY- S. ROY
DATE : 25-06-23	DRN. BY- S.BARAL	SHEET NO.-2