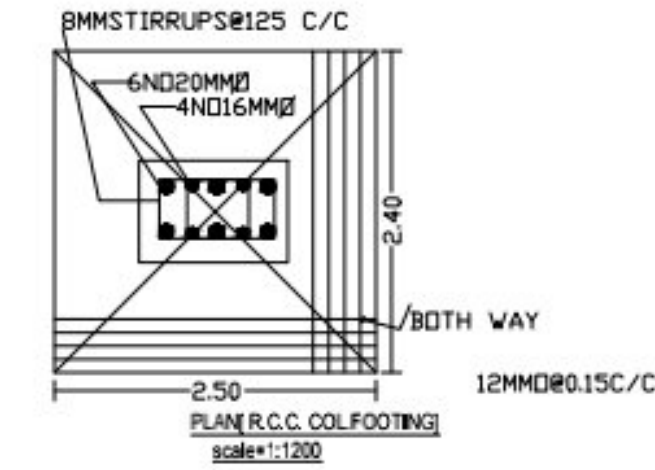
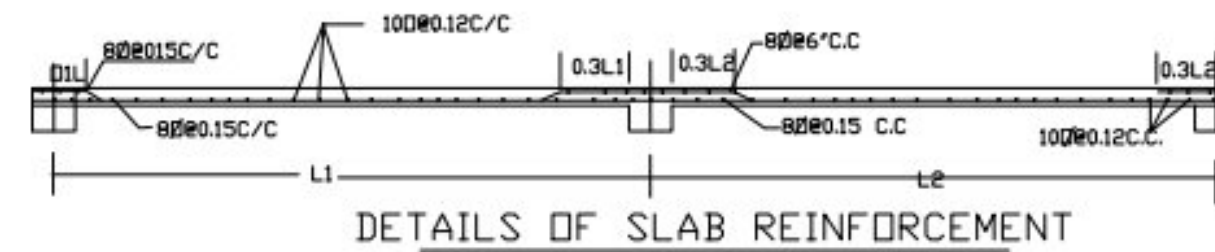
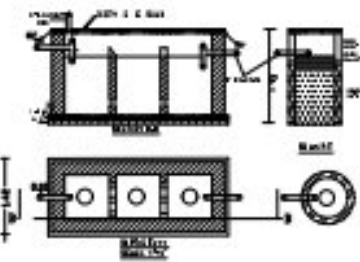
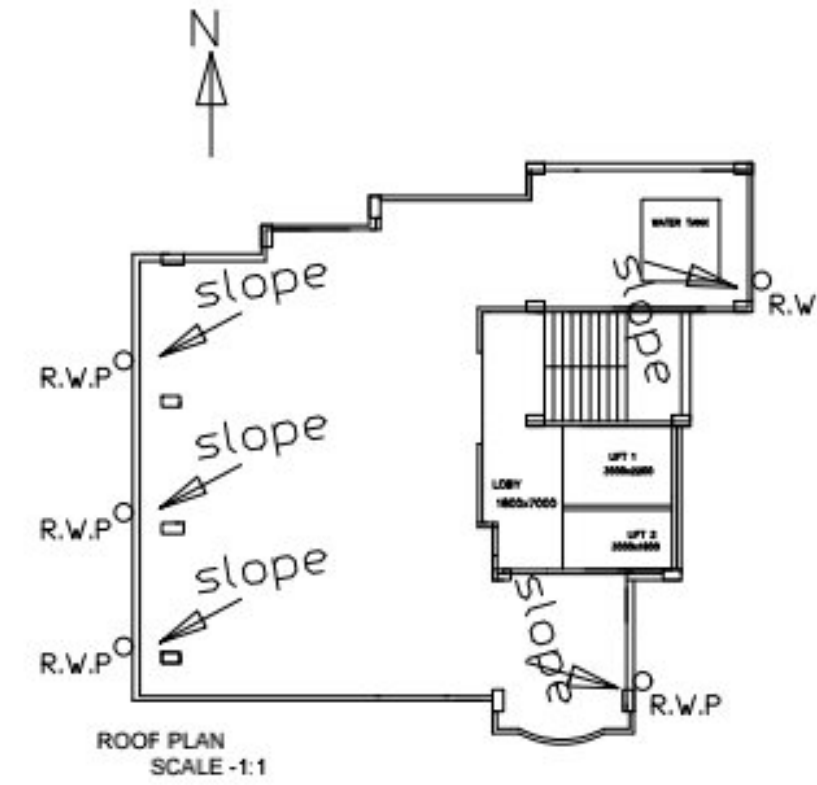
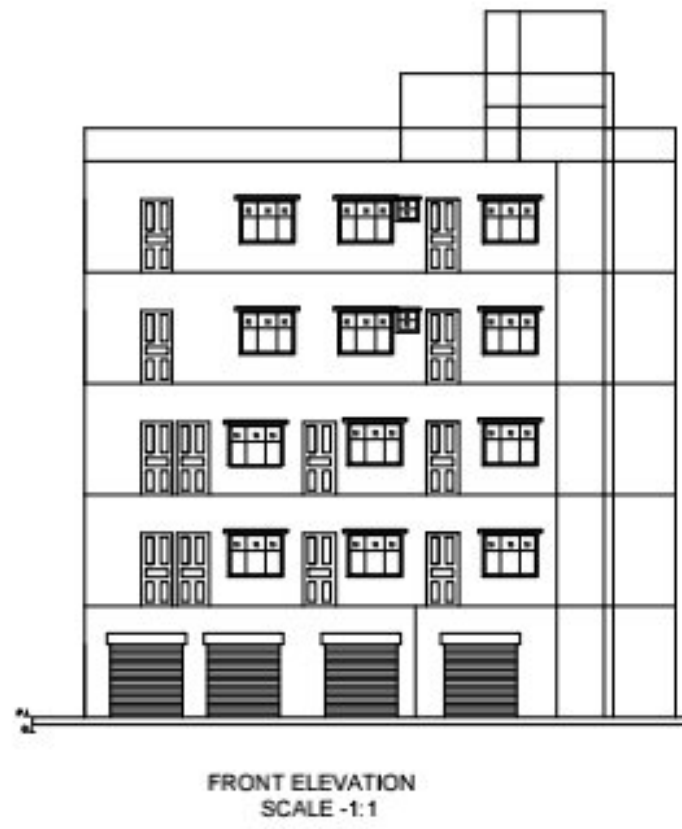


PLAN FOR G+4 FLOOR RESIDENCE/OTHER USE OF GALAXY TOWER OF 1. SUBHRO SAMANTA, 2. MIHIR SAMANTA, & 3. SANAT KUMAR SAMANTA.
AT BAILAPARA, NEAR RABINDRA STATUE MORE, DAG. R.S 13953, J.L.R 10011 KH.NO 11959/1, 30363 & 12871/1 J.L. NO. 101.
UNDER BISHNUPUR MUNICIPALITY, WARD NO:- 15 HOLDING NO:- 273/416 DIST. BANKURA, WEST BENGAL.

(ARCHITECTURAL DRAWING)
MOUZA :- BISHNUPUR MUNICIPALITY



AREA OF LAND AS PER DEED- 445.32 SQM.
COVERED AREA G.F. COMMERCIAL- 87.34 SQM.
COVERED AREA 1ST. FLOOR. COMMERCIAL 68.73 SQM.
COVERED AREA 1ST. FLOOR. RESIDENCIAL 120.56 SQM.
COVERED AREA 2ND. FLOOR. COMMERCIAL 68.73 SQM.
COVERED AREA 2ND.FLOOR RESIDENCIAL- 120.56 SQM.
COVERED AREA 3RD FLOOR RESIDENCIAL-212.48 SQM.
COVERED AREA 4TH FLOOR RESIDENCIAL-212.48 SQM.

SCHEDULE OF DOOR & WINDOW			
D	1.050	X	2.00
D1	0.90	X	2.00
W	1.50	X	1.20
W1	1.050	X	1.20
V	1.00	X	1.00
V1	0.8	X	0.5
D3/D2	.75	X	2
S	SHOP		
P	SHED		

CIVIL ENGINEERING NOTE -
1. P.C.C. MUST BE USED 75 MM THICK.
2. MIN GRADE CONCRETE USED IN P.C.C. IS M-10.
3. MIN VIB OF FOOTING 250 MM.
4. CLEAR COVER MENTION OF ALL ITEMS FOOTING -50 MM
COLUMN -40 MM.
5. ALL R.C.C. WORK MIN GRADE OF CONCRETE M-20, 1:1.5:3
6. HYSD HIGH YIELD STRENGTH DEFORMED BAR USED FE 415, FE 500.
7. OUTSIDE PLASTER 15 MM, INSIDE PLASTER -12 MM, CEILING - PLASTER 6 MM.
8. WATER CEMENT RATIO ALWAYS < 0.4 TO 0.6 >

NOTES:-

A. GENERAL:

1. ALL DIMENSIONS ARE IN METRES AND LEVELS ARE IN METRE.
2. DRAWINGS SHALL NOT BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. ALL FOUNDATIONS SHALL BE REST ON VIRGIN SOIL OR ON THOROUGHLY COMPACTED SOIL AS PER SPECIFICATION. WHENEVER THE SOIL CONTAIN THE LOOSE SOIL POCKETS THE SAME SHALL BE REMOVED AND REFILLED WITH THE P.C.C.

B. CONCRETE WORK:

1. ALL CONCRETE WORK SHALL BE AS PER S-45 (LATEST REV) ON.
2. ALL STRUCTURAL REINFORCED CONCRETE WORK SHALL BE IN THE DESIGNED IN X CONCRETE OF GRADE AS FOLLOWS UNLESS NOTED OTHERWISE.
a) THE GRADE CONC. FOR SUB & SUPER STRUCTURES ARE M-20
b) GRADES OF NOMINAL MIX CONCRETE:
i) 1:1:4 PLUM CONCRETE FOR FILLING CONCRETE UNDER FOUNDATION (IV) THIN RAVIN AGGREGATE 5.25 OF 45 MM AND AS P.T. TECHNIQUES ETC.
ii) M-15 FOR LEAN CONCRETE BELOW FOUNDATION ON & PLINTH PROTECTION.
c) THE MINIMUM CLEAR COVER FOR PROTECT ON OF MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
d) THE STRUCTURAL DESIGNER & PLAN IS RESPONSIBLE FOR THE DESIGN ONLY THE CONSTRUCT ON SUPERVISION FALLS OUTSIDE THE PRESSION OF DESIGNER & PLANNER.

STRUCTURE	SECTION (IN MM)	TOP	BOTTOM	FEET
a) PLINTH BEAM	25	40	40	40
b) COLUMN	50	-	40	40
c) SLAB ON GRADE	25	25	25	25
d) FLOOR BEAM	25	25	25	25
e) SLAB	25	20	25	25
f) SQUARE ON	50	50	50	50

C. REINFORCEMENTS:

1. ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY.
2. (a) HIGH YIELD STRENGTH DEFORMED BAR REINFORCEMENT (YIELD STRESS F_y SEE NOTE 1) SHALL CONFORM TO IS:1786 (LATEST REV) ON.
3. LAPS AND SPLICES OF REINFORCEMENT TO SUIT AVAILABLE LENGTH OF BARS SHALL BE MADE AS SHOWN ON THE DRAWINGS OR APPROVED BY THE THE ENGINEER AT SITE.
4. ALL HOOKS, BENDS, LAPS AND SPLICES SHALL BE AS PER IS:1013.
5. THE LAPANCHORAGE LENGTH OF BARS OF DIAMETER 'D' SHALL BE AS FOLLOWS:-

CONCRETE GRADE	TENS ON	COMPRESSION
M-20	41D	35D

6. LAPPING OF BARS SHALL BE SUITABLY STAGGERED AND IN NO CASE MORE THAN 50% BARS SHALL BE LAPPED AT ANY SECT ON.

