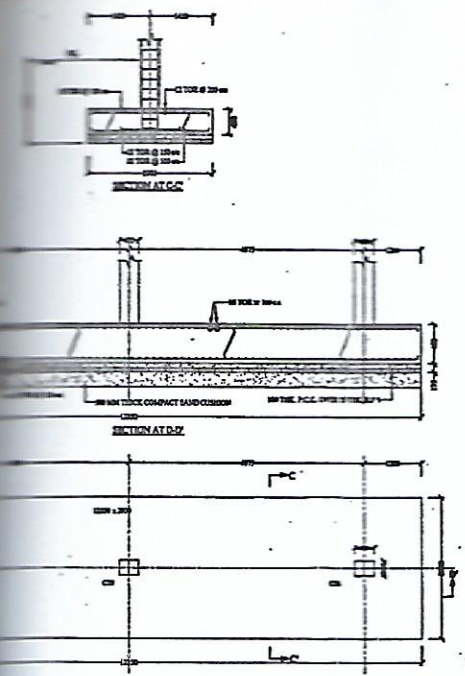
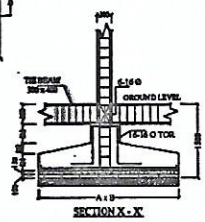
SCHEDULE OF FOUNDATION :-

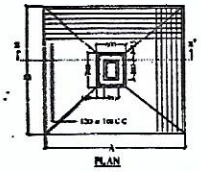
GRADE	FOUNDATION UNDER COLUMN MKD.	TYPE AND SIZE mm	DEPTH		REINFORCEMENT
			AT EDGE (D1)mm	AT COLUMN SUPPORT	ALONG LENGTH / ALONG WIDTH
I	C1; C3; C4; C34; C35; C36; C39; C40;	2400 x 2400	300	300	[illegible]
II	C2; C5; C9; C16; C22; C27; C28; C29; C33; C37; C38;	2600 x 2600	300	300	12 Φ TOR @ 100 CC / 12 Φ TOR @ 100 CC
III	C8; C10; C15; C30; C31; C32;	2700 x 2700	300	300	12 Φ TOR @ 100 CC / 12 Φ TOR @ 100 CC
IV	C6; C7; C11; C14; C17; C20;	2950 x 2950	300	300	12 Φ TOR @ 100 CC / 12 Φ TOR @ 100 CC
V	C12; C13;	3200 x 3200	300	300	12 Φ TOR @ 100 CC / 12 Φ TOR @ 100 CC
VI	C18 + C19 + C20 + C21;	14600 x 3075	AS SHOWN IN FIG - 1		
VII	C24 + C25 + C26;	12350 x 2900	AS SHOWN IN FIG - 2		

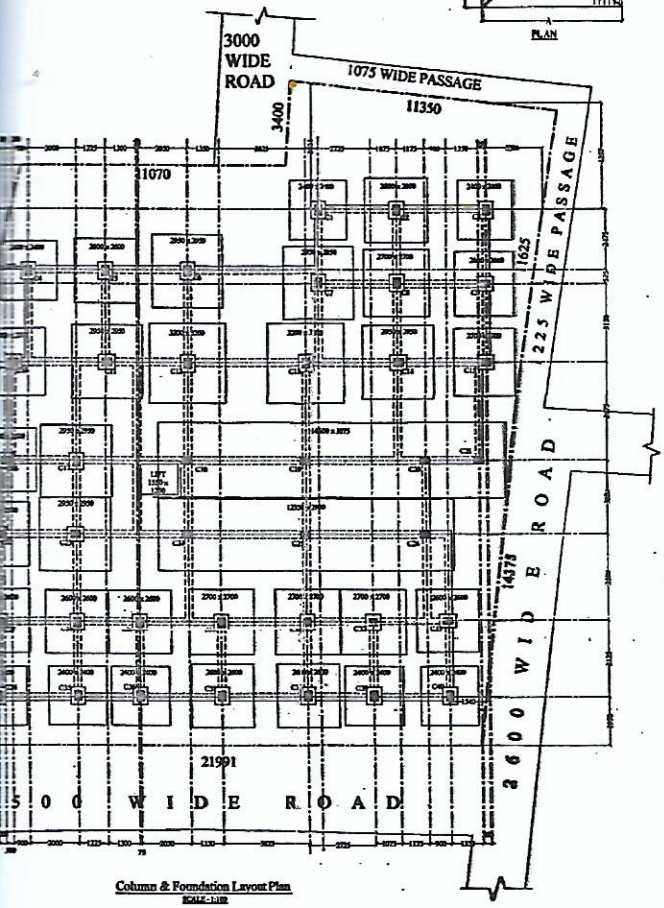
SCHEDULE OF ROOF BEAM :-

BEAM MARKED	SIZE OF BEAM	AT SUPPORT REINFORCEMENT			AT SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B	300 x 400	3 - 16 TOR + 3 - 16 TOR	3 - 16 TOR	8 TOR @150 CC	3 - 16 TOR	3 - 16 TOR	8 TOR @ 200 CC
B1	300 x 400	3 - 16 TOR + 3 - 16 TOR	3 - 16 TOR	8 TOR @150 CC	2 - 16 TOR	2 - 16 TOR + 1 - 16 TOR	8 TOR @ 200 CC
B2	300 x 400	3 - 16 TOR + 3 - 16 TOR	3 - 16 TOR	8 TOR @150 CC	2 - 16 TOR	2 - 16 TOR	8 TOR @ 200 CC
B3	300 x 400	3 - 16 TOR + 3 - 20 TOR	3 - 16 TOR	8 TOR @150 CC	3 - 16 TOR	3 - 16 TOR	8 TOR @ 200 CC
C3	300 x 400	3 - 16 TOR + 3 - 16 TOR	3 - 16 TOR	8 TOR @100 CC	—	—	—

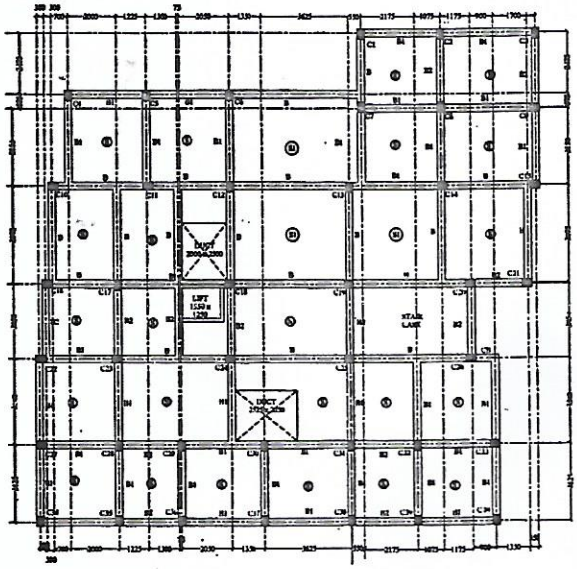




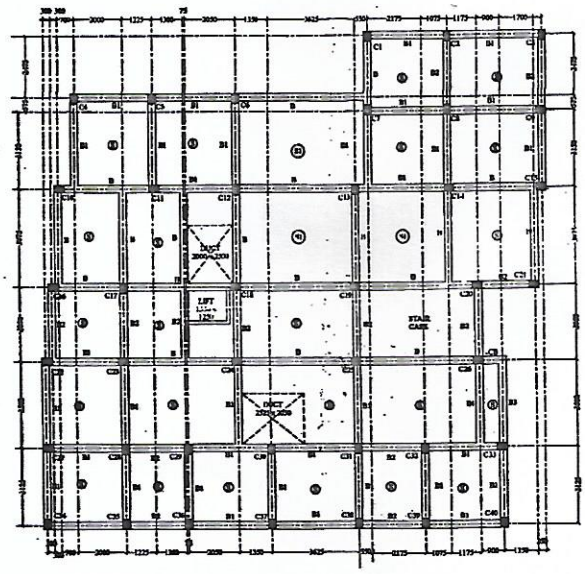




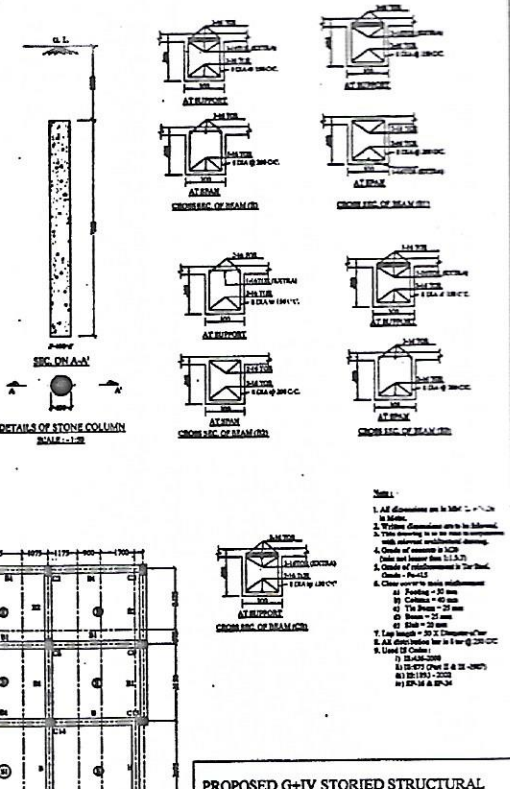
Column & Foundation Layout Plan
SCALE - 1:100



4 th. Roof Beam & Slab Layout Plan
SCALE - 1:100



1 st. Roof Beam & Slab Layout Plan
SCALE - 1:100



Notes :

1. All dimensions are in MM [illegible] in Metre.
2. Written dimensions are to be followed.
3. This drawing is to be read in conjunction with relevant architectural drawing.
4. Grade of concrete is [illegible] Code not lesser than [illegible]
5. Grade of reinforcement is Tor Steel. Grade - Fe-415
6. Clear cover to main reinforcement
   a) Footing - 50 mm
   b) Column - 40 mm
   c) Tie Beam - 25 mm
   d) Beam - 25 mm
   e) Slab - 20 mm
7. Lap length - 50 X Diameter of bar
8. All distribution bar is 8 mm @ 250 CC
9. Used IS Code :
   i) IS:456-2000
   ii) IS:875 (Part II & III -1987)
   iii) IS:1893 - 2002
   iv) SP-16 & SP-34

PROPOSED G+IV STORIED STRUCTURAL PLAN OF NITYA NANDA MAJUMDER & OTHERS AT MOUZA - BADRA. J.L. NO. - 9, R.S. NO. - 74. C.S. KHATIAN NO. - 91 & 24, UNDER KHATIAN NO.- 1KA, KHA, R.S. DAG NO. - 469 & 513, TOUZI NO. - 1163, HOLDING NO. - 42, P.C. MITRA ROAD (BADRA), WARD NO. - 1, P.S. - DUM DUM. DIST. - 24 PGS (N). UNDER DUM DUM MUNICIPALITY.

CERTIFICATE OF OWNERS

CERTIFIED THAT I SHALL NOT A LATER DATE MAKE ANY ADDITION OR ANY ALTERATION TO THIS PLAN. CERTIFIED THAT I HAVE GONE THROUGH THE BUILDING RULES FOR THE DUM DUM MUNICIPALITY AND ALSO UNDERTAKE TO ABIDE BY THOSE RULES DURING & AFTER CONSTRUCTION OF THE BUILDING. WE AS LAND OWNER HEREBY CERTIFIED THAT I/WE INDEMNIFY DUM DUM MUNICIPALITY REGARDING TITLE OF LAND IN DUM DUM MUNICIPALITY WILL NOT BE HELD RESPONSIBLE IF ANY DISPUTE ARISES IN FUTURE REGARDING THE TITLE OF THE LAND.

Sandip Mitra
Shumu Pal

SIGNATURE OF OWNERS

CERTIFICATE OF ENGINEER :-

CERTIFIED THAT THE FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY ME IS SAFE IN ALL RESPECT INVOLVING THE CONSIDERATION OF BEARING CAPACITY & SETTLEMENT OF SOIL ETC.
AS PER I.S. STANDARD & N.B CODE.
CERTIFIED THAT THE PLAN HAS BEEN DESIGNED & DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES FOR THE DUM DUM MUNICIPALITY.

Kumar Sai
KUMAR SAI
Civil Engineer (M.E.)
LD 116/A/
Dum Dum Municipality

SIG. OF L.B.S CUM STRUCT. ENGINEER

SUMANTA BHUPENDRA SINGH ROY
CA-2004-34084

SIG. OF ARCHITECH

Dr. SANTOSH KUMAR CHAKRABORTY
B.C.E. M.E. (Soils, Roorkee)
F.N.G.S. (Foundation Engineering)
I.S.T.E. I.G.S. I.S.M.E. [illegible]
The Kolkata Municipal Corporation
Licence No.- GT/16/1
Consulting Geotechnical Engineer

SIG. OF GEO- TECHNICAL ENGINEER

For RAINBOW CONSTRUCTION

Shumu Pal