

FRONT ELEVATION  
SCALE - 1:100

SPECIFICATION OF CONSTRUCTION

- 1st CLASS CEMENT BRICK WORK IN SUPERSTRUCTURE
200. 250 THK. EXT. BRICK WALL & 125 THK. INT. BRICK WALL IN 1:4 CEM-SAND MORTAR
- LEAN CONC. (1:3:6) WITH 19 MM. DOWN GRADED STONE CHIPS FOR ALL P. C. C. WORKS
- M20 CONC. (1:1.5:3) FOR ALL R.C.C. WORKS
- 20 MM. & 15 MM. THK. PLASTER (1:5) ON EXT. & INT. BRICK WALL RESPECTIVELY & 10 MM. THK. PLASTER (1:3) ON CEILING
- 20 X 6 FLAT ORNAMENTAL GRILL WITHIN WINDOW FRAME & AV. 40 MM. THK. MARBLE FLOORING INCLUDING GRITTING OVER R.C.C. FLOOR SLAB
- SINGLE LAYER F.B.S. IN FOUNDATION & PLINTH
- HIRE & LABOUR FOR SHUTTERING & LABOUR WORKS INCLUDING STOUT PROPS TO BE PLACED AS PER DIRECTION
- TOR STEEL BAR FOR ALL R.C.C. WORKS INCLUDING DISTRIBUTERS & BINDERS
- SANITARY & PLUMBING FITTING & FIXING COMPLETE AS PER RULE
- MATERIALS TO BE USED - CEMENT - PORTLAND, SAND - MEDIUM COARSE, STONE CHIPS - 19 MM. DOWN GRADED
- CLEAR COVER TO MAIN REIN. FOUNDATION - 50 MM., COLUMN - 40 MM., BEAM - 25 MM., SLAB - 20 MM.
- SAL WOOD TO BE USED FOR DOOR & WINDOW FRAME & TEAK WOOD FOR SHUTTERS

UNDERTAKING

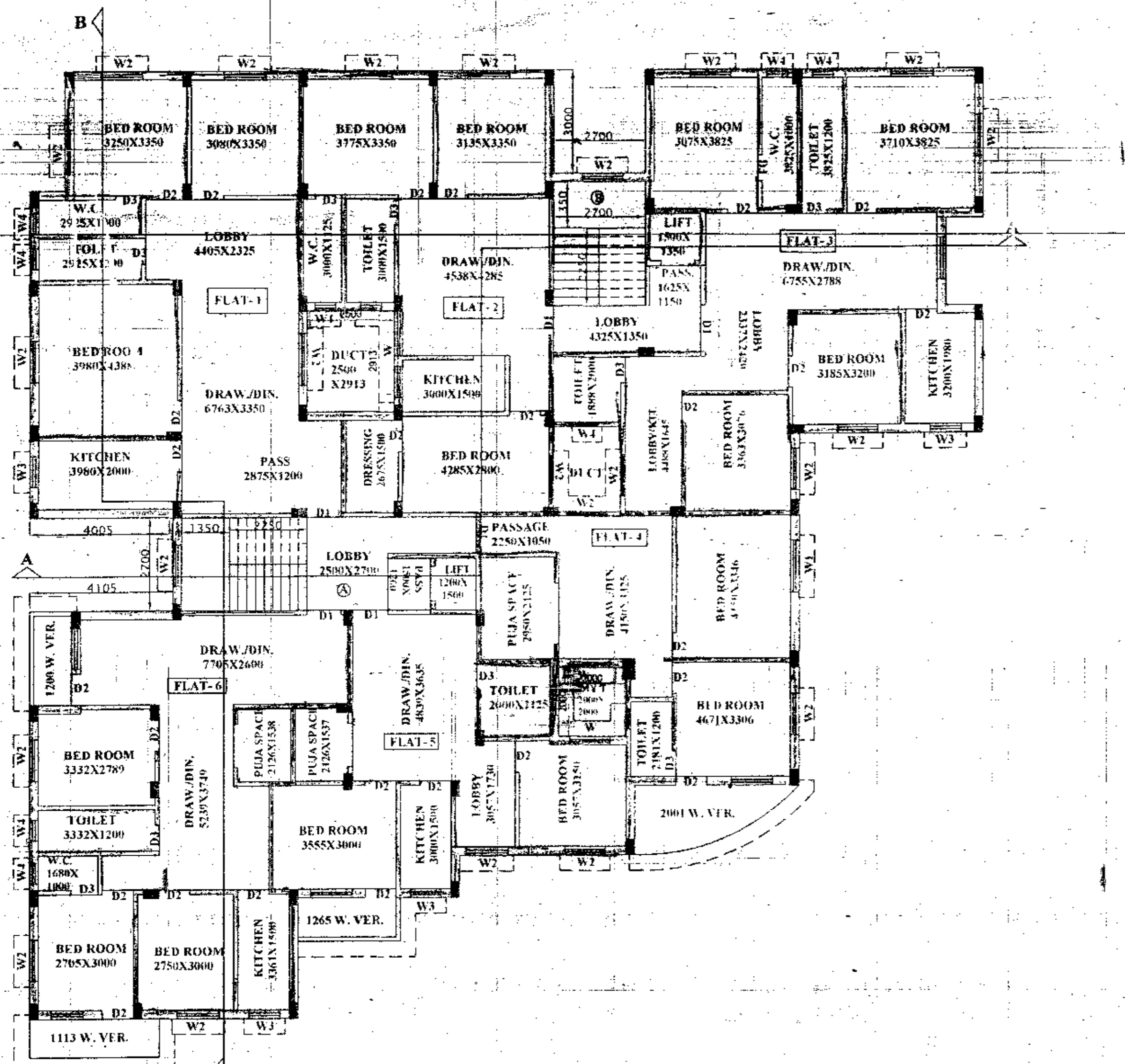
- 1) I/WE UNDERTAKE THAT WHEN THE SEWER LINE WILL BE AVAILABLE, I/WE SHALL TAKE CONNECTION AT MY OWN COST & AS PER RULE
- 2) NO BUILDING MATERIALS WILL BE STACKED / DEPOSITED ON ROAD OVERNIGHT.
- 3) I/WE SHALL ARRANGE FOR RAISING & MAINTENANCE OF TREE AS SHOWN IN THE DRAWING AT MY OWN COST

DECLARATION

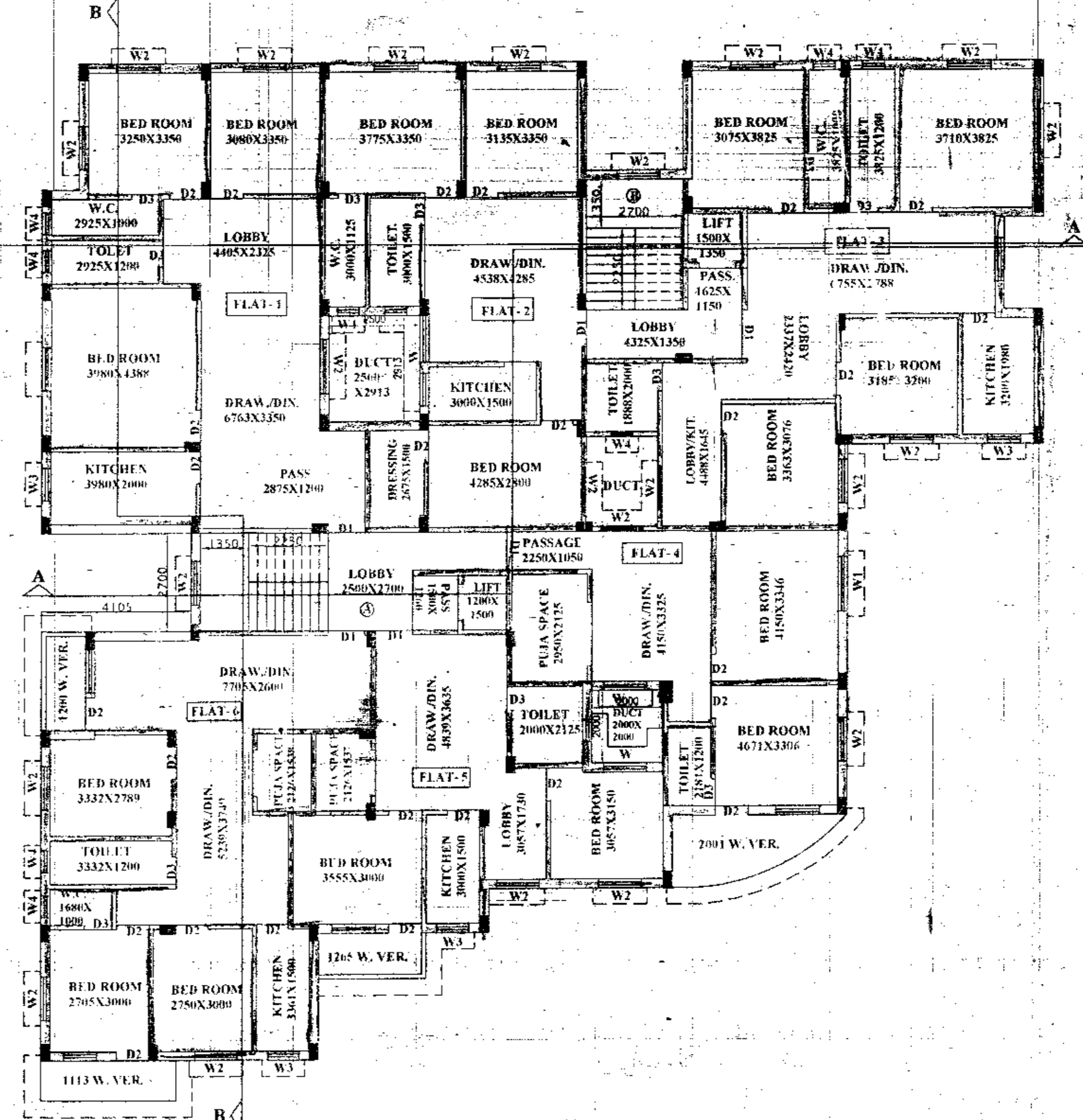
THE PLOT IS SITUATED & BOUNDED BY BOUNDARY WALL. THE CHARACTER OF THE ROAD IS A H.M.C. ROAD. I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN BY ME AS PER PROVISIONS OF H.M.C. BUILDING RULES 2019 AS EXTENDED (MUTANDIS TO H.M.C. AND THE SITE CONDITIONS INCLUDING THE WIDTH OF THE ADJUTING ROAD CONFIRM WITH THE SITE PLAN AND THAT IS BUILDABLE SITE AND NOT A TANK OR FILLED UP LAND. WE DO HEREBY DECLARE THAT WE SHALL PROVIDE NECESSARY PLANTATION AS PER SANCTION PLAN AND WE SHALL MAINTAIN THE SAID PLANTATION AS PER SANCTION PLAN AT OUR OWN COST IN FUTURE.

SCHEDULE OF DOORS & WINDOWS

MKD.	SIZE	REMARKS	MKD.	SIZE	REMARKS
D.	1350 X 2100	PANEL DOOR	W.	1200 X 1500	GLAZED
D1.	1000 X 2100	PANEL DOOR	W1.	1200 X 1200	GLAZED
D2.	900 X 2100	PANEL DOOR	W2.	900 X 900	GLAZED
D3.	750 X 2100	PANEL DOOR	W3.	600 X 600	GLAZED



PROPOSED 2ND TO 3RD FLOOR PLAN  
SCALE - 1:100



PROPOSED 4TH FLOOR PLAN  
SCALE - 1:100

PROPOSED PLAN  
OF B+G+IV STORED RESIDENTIAL BUILDING  
AT HOLDING NO - 5/2, KHEERA MITRA LANE SALKIA,  
P.S. & MOUZA - GOLABARILR. DAG NO-370,371,372,  
L.R.K.H.NO-32,88,218,279,391,404,682, J.L. NO-1, SHEET NO-20,  
WARD NO -11, BOROUGH - II, DIST - HOWRAH, UNDER H.M.C.  
PIN - 711106.

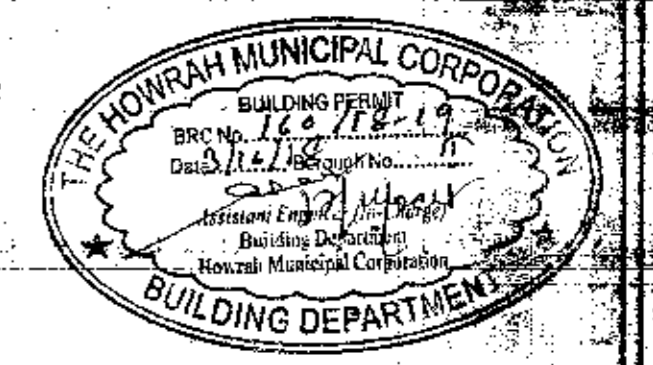
ARCHITECTURAL DETAIL  
ALL DIMENSIONS ARE IN M.M.

SHEET NO - 4 OF 7  
SCALE = 1:10; 25; 50; 100;  
600 & 10,000

Signature of Structural Engineer  
SIGN. OF STR. ENG.

Signature of Licensee  
SIGN. OF L. B. S. J. B. A.

Constituted Lawful Attorney  
of  
Sri Sourav Dutta alias Raja Dutta,  
Sri Bireswar Ganguly, Sri Ashok Kr. Ganguly  
Smt. Poo Banerjee, Smt. Rina Koley,  
Smt. Latika Ganguly, Smt. Keeta Chatterjee



SIGN. OF APPLICANT/S

H.M.C. SEAL





**GENERAL NOTES:**

- Unless otherwise stated all construction activities shall be carried out conforming to relevant Indian standards codes of practice.
- All dimensions are in millimeters & levels are in Metre. Except otherwise mentioned only written dimensions shall be followed.
- All levels given in structural drawings are in accordance with architectural drawings, and indicates structural level only (without finish). However architectural drawing to be coordinated for all levels.
- All structural drawings shall be read along with this drawing as well as relevant architectural drawings.
- Any discrepancy in the structural and architectural drawings shall be brought to the notice of design office before execution of work.

**STRUCTURAL CONCRETE:**

- Unless otherwise specified Grade of Concrete in structural members shall be as follows:
  - Base Slab, Equipment Form, etc.-M20
  - Columns/Wall - As specified in the schedule
  - P.C.C. & Bedding - M20 / (1:4:8)
  - P.C.C. under floor-(1:3:5)
  - P.C.C. in foundation-(1:4:8)
- For U/G Tank and O/H Tanks concrete grade shall be M-20 added with water proofing compound the 'CONPLAST K4211C' or similar product as per manufacturer's specification approved by the consultants.
- Unless otherwise specified all reinforcement to be used shall be TMT of grade Fe-415 (for dia 12 & above) & Fe-415 (for dia 8 & 10) conforming to IS-1786-1985 and elongation shall be minimum 14.5 percent.
- Adequate chair bars to be provided to keep the top reinforcement in proper position.
- Unless otherwise stated lap length of Bars is 50 x D, where D = Dia of bars.
- Unless otherwise specified distribution reinforcement shall be 8 T @ 300 c/c.

**7. UNLESS OTHERWISE STATED CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:**

- Wall-40 mm from out side of link. (\*) Foundation - 50 mm. (\*\*) R.C. wall - 40 at soil side & 20 at internal side (v) Col.-40 mm (To Edge Of Slab) (v) Floor Slab - 20 mm (vi) Floor Beam - 25 mm
- Special Note:
  - If any loose pockets in soil are encountered while excavation it shall be filled up with P.C.C.(1:4:8)
  - Special rates regarding Fe-415

- Development length of bars shall be as follows:-
  - L<sub>d</sub> = 47 x σ<sub>y</sub> of bar / f<sub>c</sub>
  - L<sub>d</sub> = σ<sub>y</sub> of bar / f<sub>c</sub>
- Special notes regarding curing, M20

c. Special notes regarding curing, M20

Special notes regarding curing, M20

**FLOOR SLAB REINFORCEMENT SCHEDULE**

Panel No.	Top Reinforcement (mm)	Bottom Reinforcement (mm)	Top Reinforcement (Area)	Bottom Reinforcement (Area)
S1	8@150 c/c	8@200 c/c	82200 c/c	82200 c/c
S2	8@150 c/c	8@200 c/c	82200 c/c	82200 c/c

- Provide reinforcement 8@200 c/c at discontinuous support at top.
- Distribution steel 8@100 c/c in all slab (Base level, lower top) unless specified.
- Provide reinforcement 8@150 c/c at corners of slab.
- Provide support reinforcement at distance 0.02L / 0.30L from the face of support.
- No curtailment of bottom reinforcement shall be done for base having spacing 200/c or more.

**PILE NOTES**

- Files bored cast in situ piles.
- Location of piles with respect to column centres should be as shown.
- 50% of weight of pile to be enclosed in concrete.
- 4.5% of weight of pile to be enclosed in concrete.
- Grade of concrete in 20 to be as indicated by notes.
- Grade of steel Fe-415, grade of concrete M20.
- Cover of pile cap-50 mm.

**PROPOSED PLAN OF R-4/IV STORED RESIDENTIAL BUILDING**

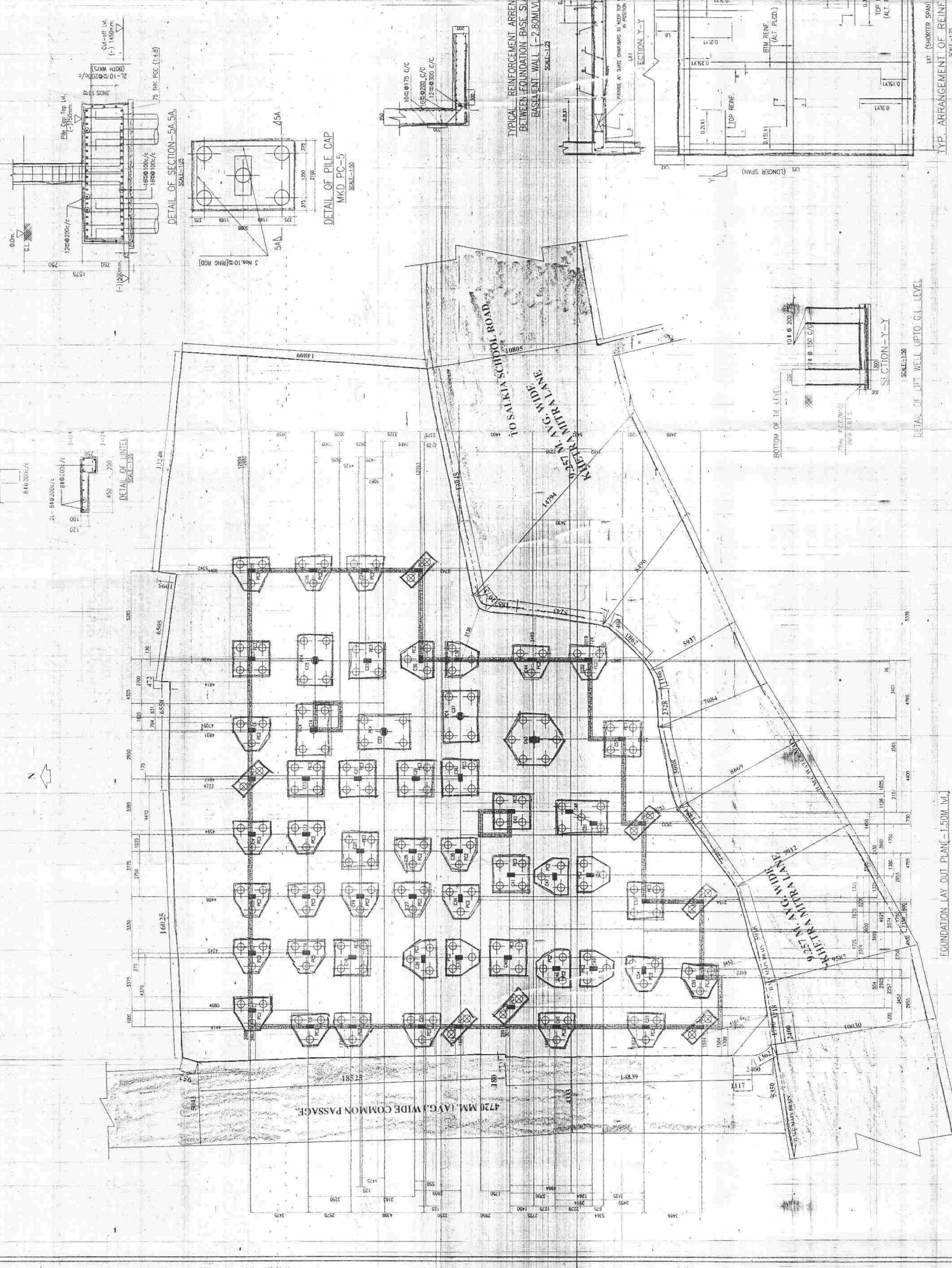
OF HOLDING NO. S2, KHETRA MITRA LANE SAUKIA,  
P.S. MOUZA-GOLABAKLUR, DAG NO. 370/371/372,  
L.R.K.H.NO-32,88,218,279,391,404,682,J.L. NO-I, SHEET NO-20,  
WARD NO-II, BOROUGH-II, DIST - HOWRAH, UNDER H.M.C.  
PIN-711106.

STRUCTURAL DETAIL  
SHEET NO. S OF 2  
SCALE = 1/10, 1/25, 50, 100,  
600 & 10000

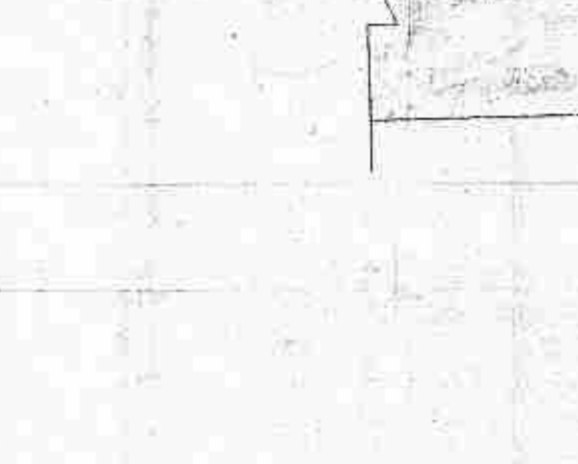
ALL DIMENSIONS ARE IN M.M.  
SCALE OF 5TR. ENG.

CONTRACT LAWYER  
SUBRATA BANERJEE  
L.S. of Subratabanarjee & Co.  
Class-I, No.-75

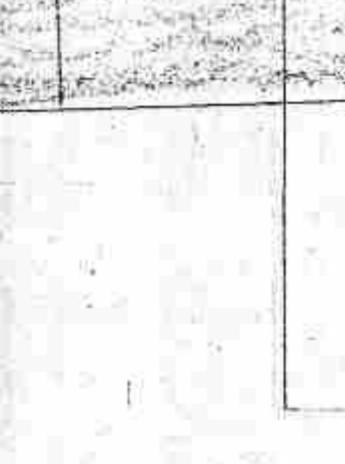
SIGN OF APPLICANTS  
SIGN OF L.B.S.A.B.A.  
THE HOUGHAT MUNICIPAL CORPORATION  
BUILDING DEPARTMENT



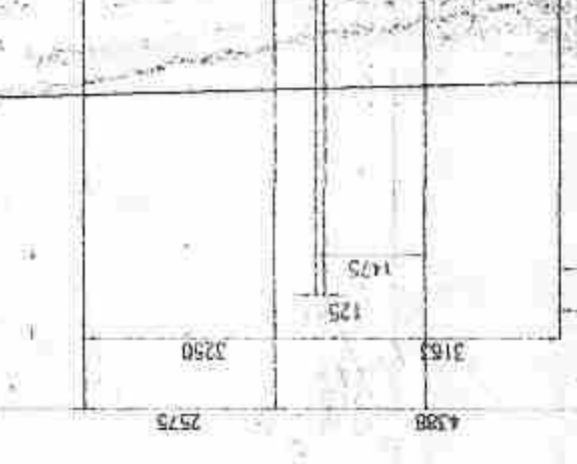
**DETAIL OF PILE CAP**



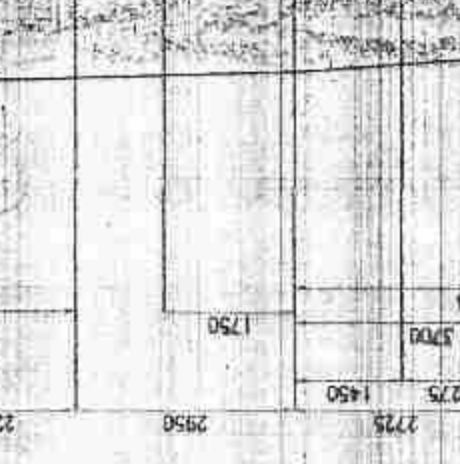
**TYPICAL REINFORCEMENT ARRANGEMENT BETWEEN FOUNDATION BASE SLAB & BASEMENT WALL - 2.80M(Lx) X 0.30M(W)**



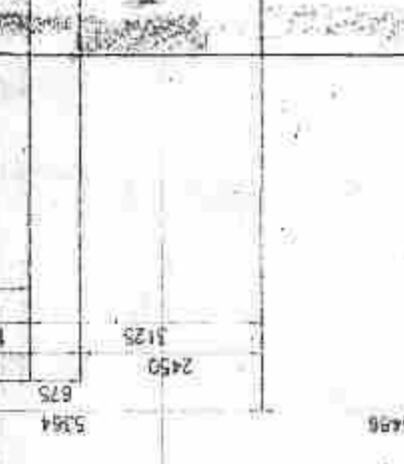
**SECTION X-X**



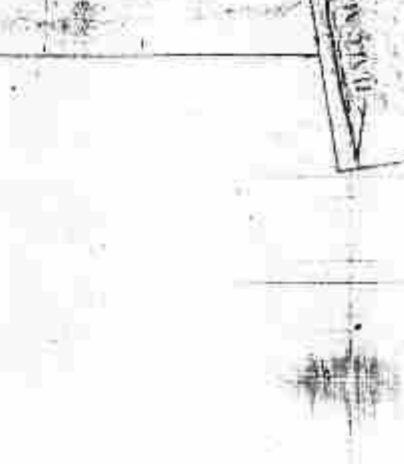
**SECTION Y-Y**



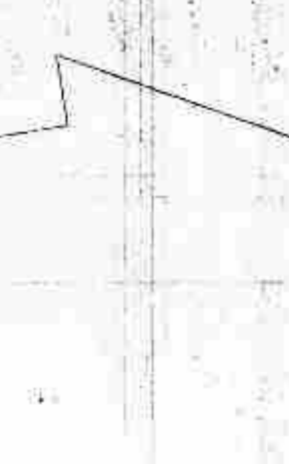
**SECTION X-X**



**SECTION Y-Y**



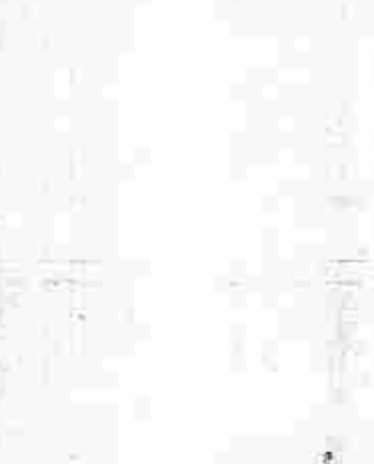
**SECTION X-X**



**SECTION Y-Y**



**DETAIL OF LIT WELL UP TO G.L. LEVEL**



**FOUNDATION LAY OUT PLAN - 1:500 (W.)**

SCALE = 1:100

**FOUNDATION LAY OUT PLAN - 1:500 (W.)**

SCALE = 1:100

FOUNDATION LAY OUT PLAN - 1:500 (W.)  
SCALE = 1:100



**SPECIFICATION OF CONSTRUCTION**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.
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11. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.
12. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.
13. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT.

**UNDERTAKING**

THE UNDERTAKING IS TO BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE ARCHITECT AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.

**DECLARATION**

I, THE ARCHITECT, HEREBY DECLARE THAT THE DRAWINGS AND SPECIFICATIONS ARE TRUE AND CORRECT AND THAT I AM NOT PROVIDING ANY GUARANTEE FOR THE ACCURACY OF THE INFORMATION CONTAINED THEREIN.

**SCHEDULE OF DOORS & WINDOWS**

NO.	TYPE	NO. OF UNITS	REMARKS
D1	WOODEN DOOR	100	GLAZED
D2	WOODEN DOOR	50	GLAZED
D3	WOODEN DOOR	20	GLAZED
D4	WOODEN DOOR	10	GLAZED
D5	WOODEN DOOR	5	GLAZED

**PROPOSED PLAN OF B-G-H-V STORED RESIDENTIAL BUILDING**  
 A HOLDING NO. 52, KHE TRA MITRA LANE, SAKRA, P.S. & MOUZA GOLA, AR. L.R. DAG NO. 379/371/372, T.R.K.H. NO. 32, 28, 27, 29, 31, 34, 682, J.I. NO. 1, SHEET NO. 20, WARD NO. 1, BHORUGH - II, DIST. HOWRAH, UNDER I.L.M.C. PIN-711106.

**ARCHITECTURAL DETAIL**  
 ALL DIMENSIONS ARE IN M.M.  
 SCALE = 1/10 (25.00 : 100)  
 100 : 1000

**SIGN OF STR. ENG.**

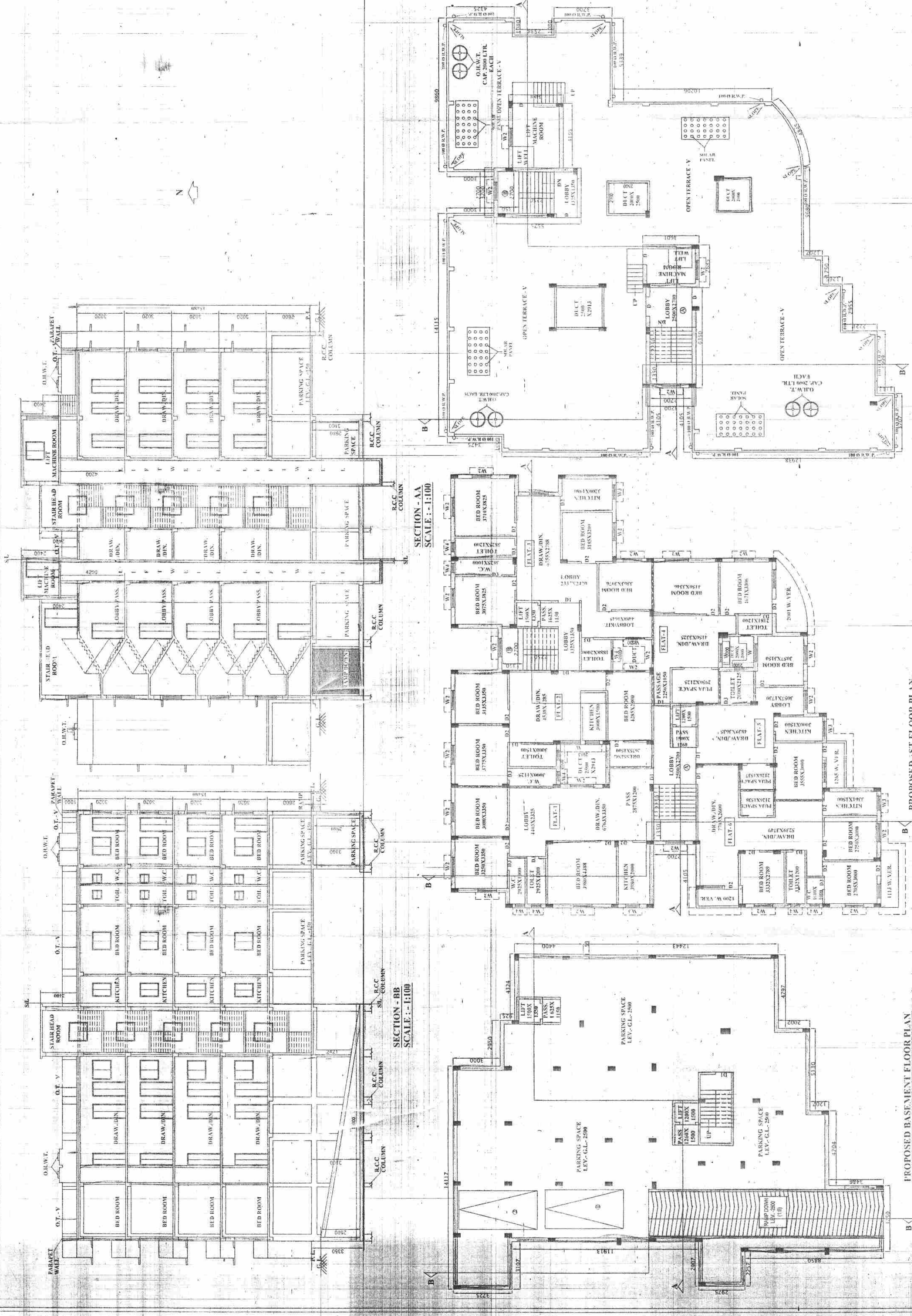
*Signature*

**Continued Layout Attorney**  
 Sri Bhawan Dutta alias Sri Datta  
 Sri Bhawan Dutta alias Sri Datta  
 Sri Bhawan Dutta alias Sri Datta  
 Sri Bhawan Dutta alias Sri Datta



**SIGN OF APPLICANT/S**

H.M.C. SEAL



**SECTION - AA**  
 SCALE : - 1:100

**SECTION - BB**  
 SCALE : - 1:100

**PROPOSED 1ST FLOOR PLAN**  
 SCALE : - 1:100

**PROPOSED BASEMENT FLOOR PLAN**  
 SCALE : - 1:100