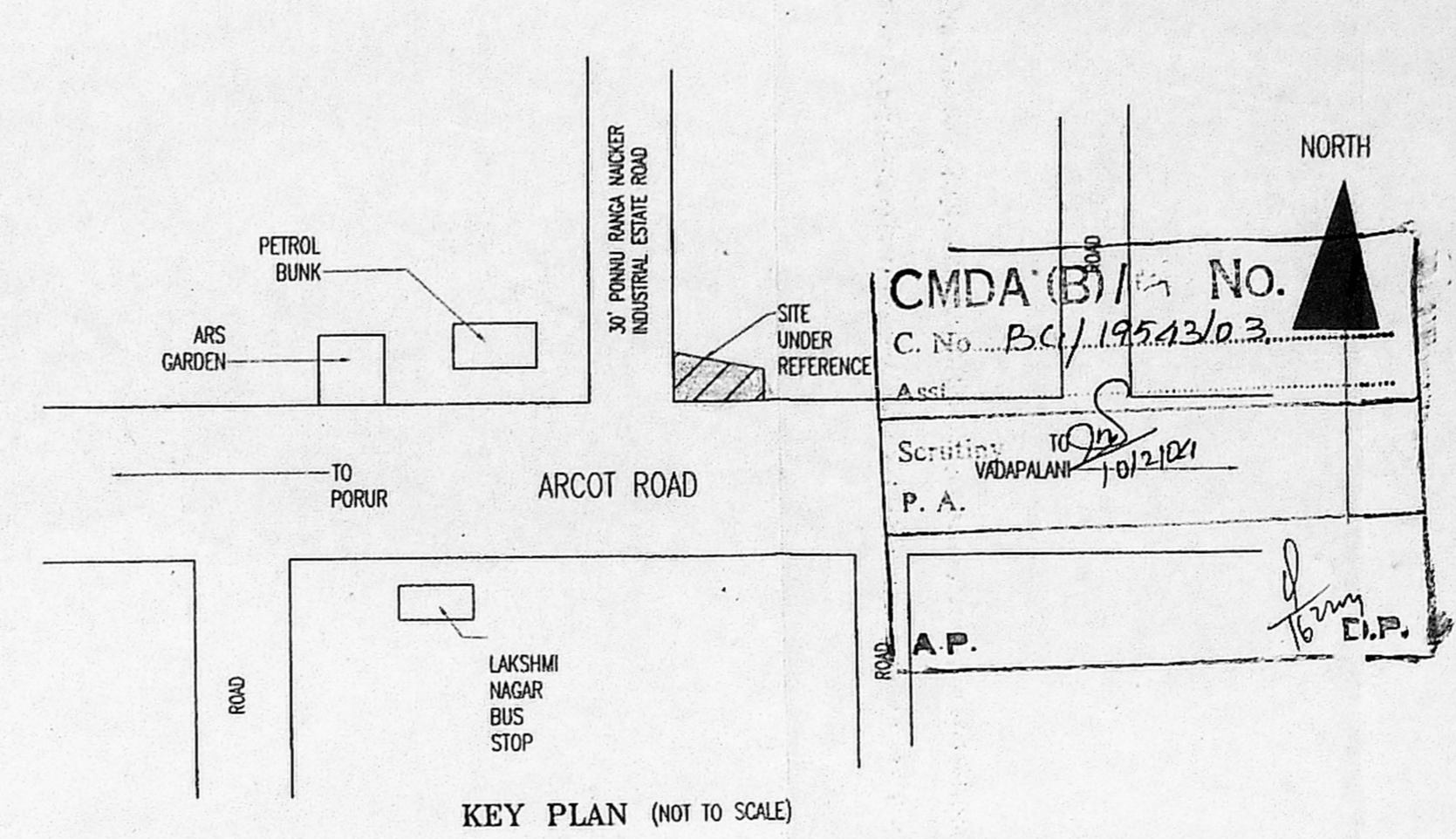


APPROVED  
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
FOR THE MEMBER SECRETARY  
CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
CHENNAI-600 008.



- SPECIFICATIONS**
1. R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
  2. SUPER STRUCTURE : BRICKWORK SET IN cm 1:5
  3. R.C.C 1:2:4 FOR LINTELS, BEAMS & SLABS
  4. P.C.C. 1:4:8 FOR FLOOR LEVELLING COURSE
  5. P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION
  6. JOINERY WITH T.W. FLUSH DOORS & T.W. GLAZED WINDOWS & VENTILATORS
  7. 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
  8. 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GRILLEWORK, ETC.
  9. WEATHERING COURSE OVER ROOF SLAB 3" THICK WITH BRICK JELLY LIME CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP

ALL MEASUREMENTS ARE IN METRES .

**COLOUR INDEX**  
PROPOSED [diagonal lines]  
ROAD [dashed line]  
BOUNDARY [solid line]

SCALE : 1:100

**AREA STATEMENT**

PLOT EXTENT	1359.71M <sup>2</sup>
PRO. GROUND FLOOR BUILTUP AREA	405.82 M <sup>2</sup>
PRO. FIRST FLOOR BUILTUP AREA	475.47 M <sup>2</sup>
PRO. SECOND FLOOR BUILTUP AREA	475.47 M <sup>2</sup>
PRO. THIRD FLOOR BUILTUP AREA	475.47 M <sup>2</sup>
PRO. TOTAL BUILTUP AREA	1832.23 M <sup>2</sup>
F.S.I	1.35

**SCHEDULE OF JOINERY**

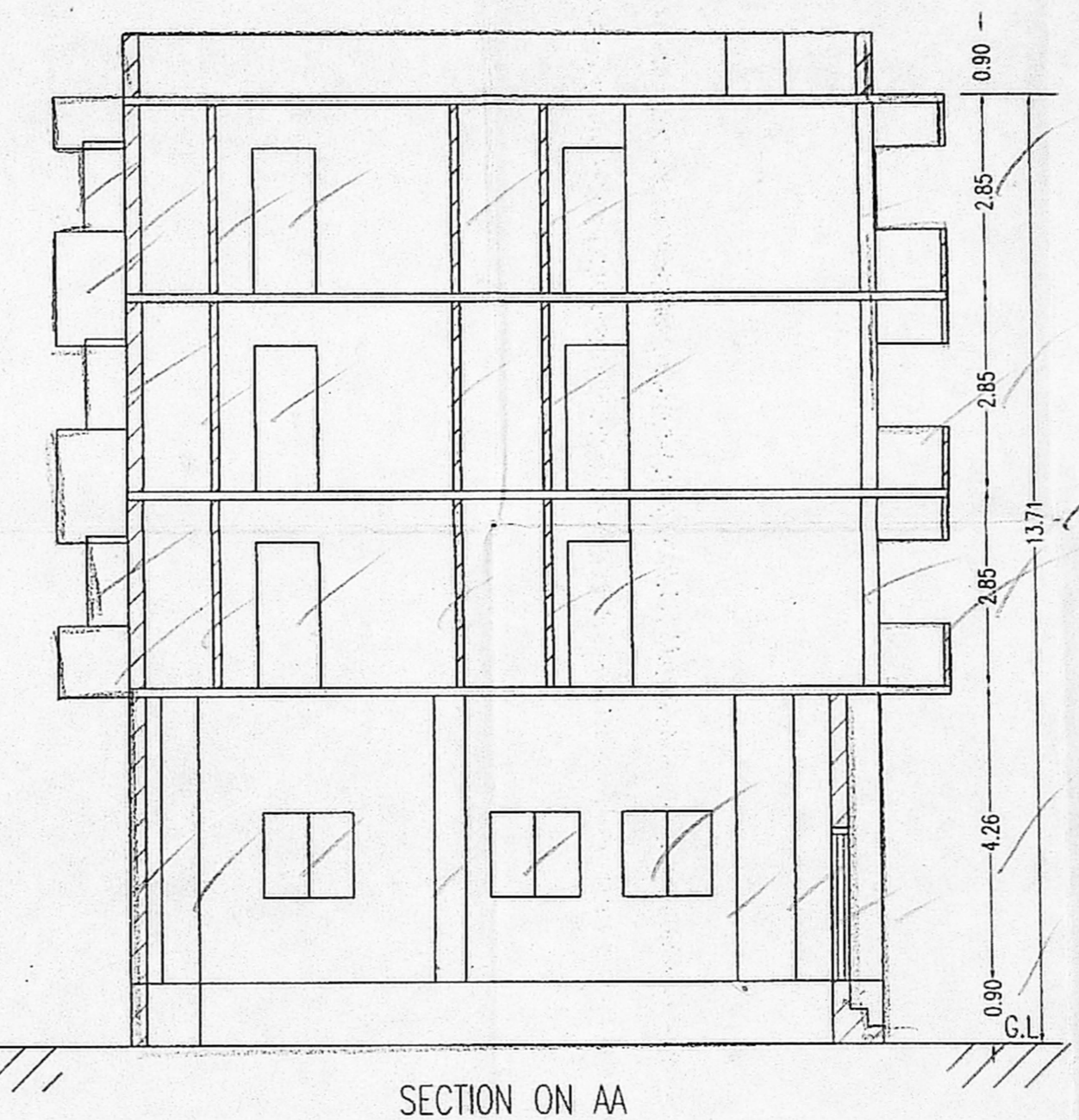
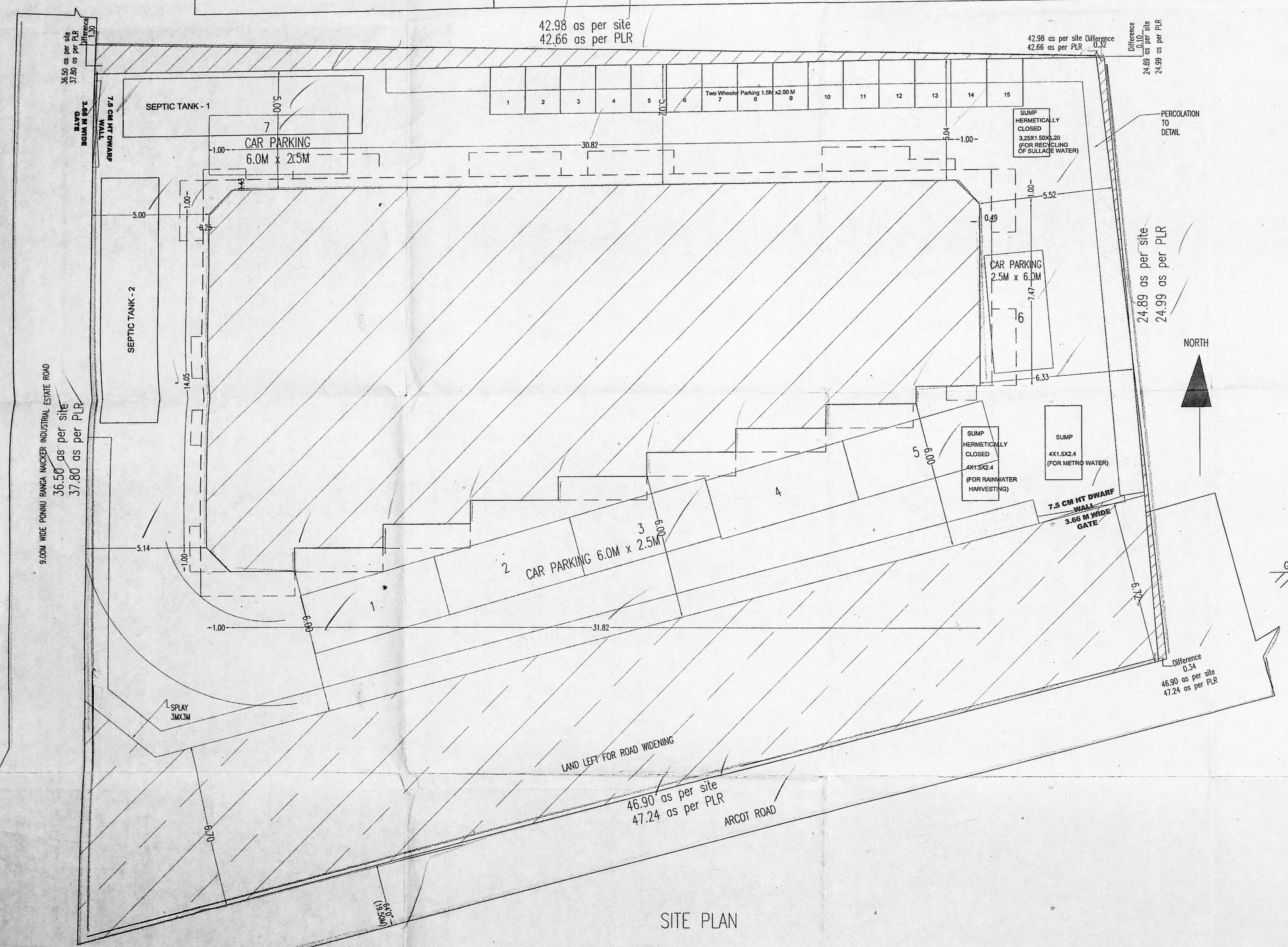
D	DOOR	1.00X2.10
D1	DOOR	0.90 X2.10
D2	DOOR	0.75 X2.10
W	WINDOW	1.30X1.22
W1	WINDOW	0.90X1.22
V	VENTILATOR	0.60 X 0.60
R.S	ROLLING SHUTTER	3.56X2.10

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GR.FLOOR + 3 FLOORS OFFICE & RESIDENTIAL BUILDING AT S.NO:442/4 OLD S.NO:442/A DOOR NO:15 ARCOT ROAD, MADHURAVOYAL VILLAGE, MADHURAVOYAL TOWN PANCHAYAT CHENNAI.

Owner's signature  
OWNER

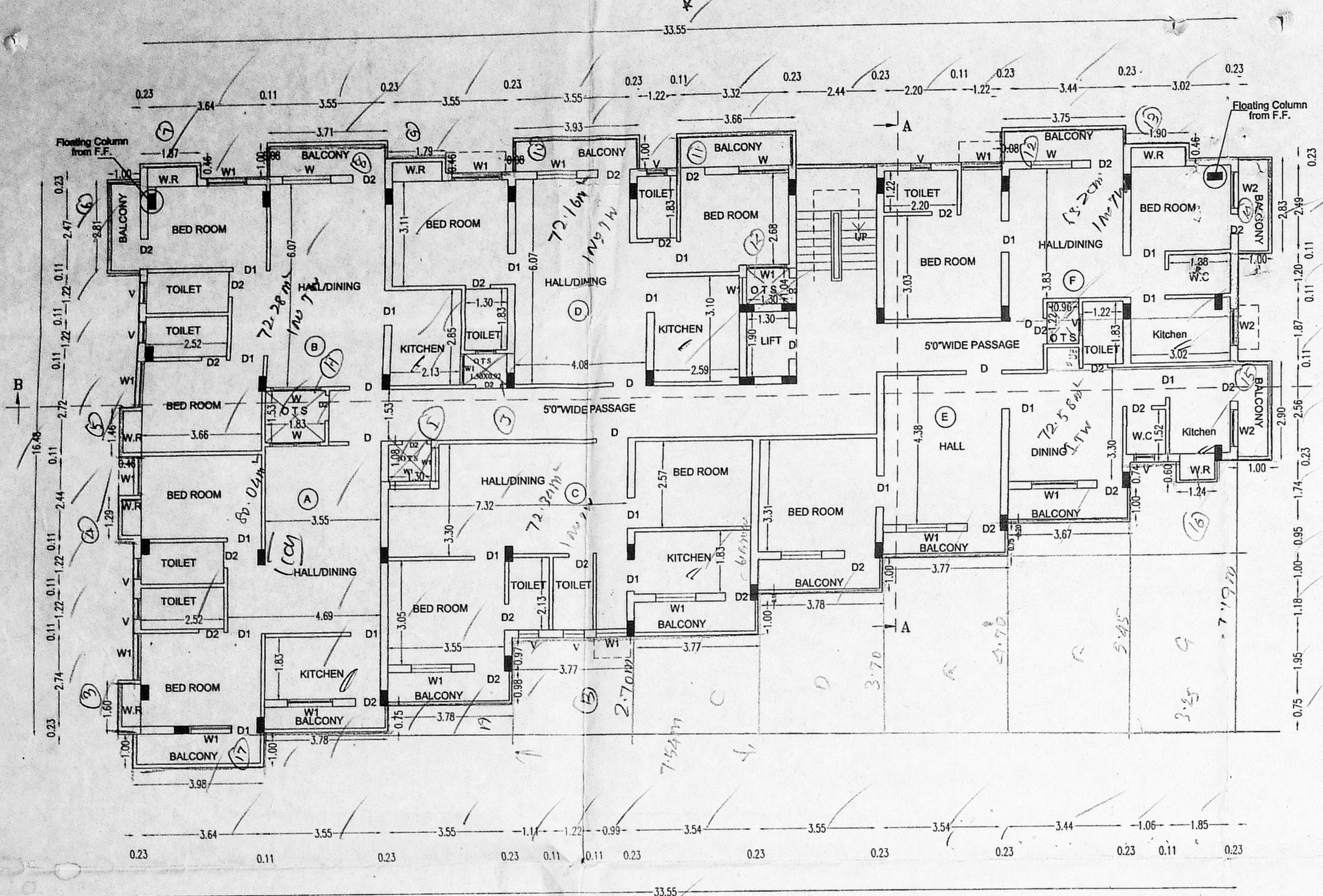
C. VEERANAN, B.Arch.,  
I. Regd. Architect, No.91/14277  
Licenced Surveyor, CI - 1, No.290  
A-2, 1st Floor, Srinivasa Arcadia,  
1/2, Arunachalam Road,  
Sailgramam, Chennai - 600 09

LICENSED SURVEYOR



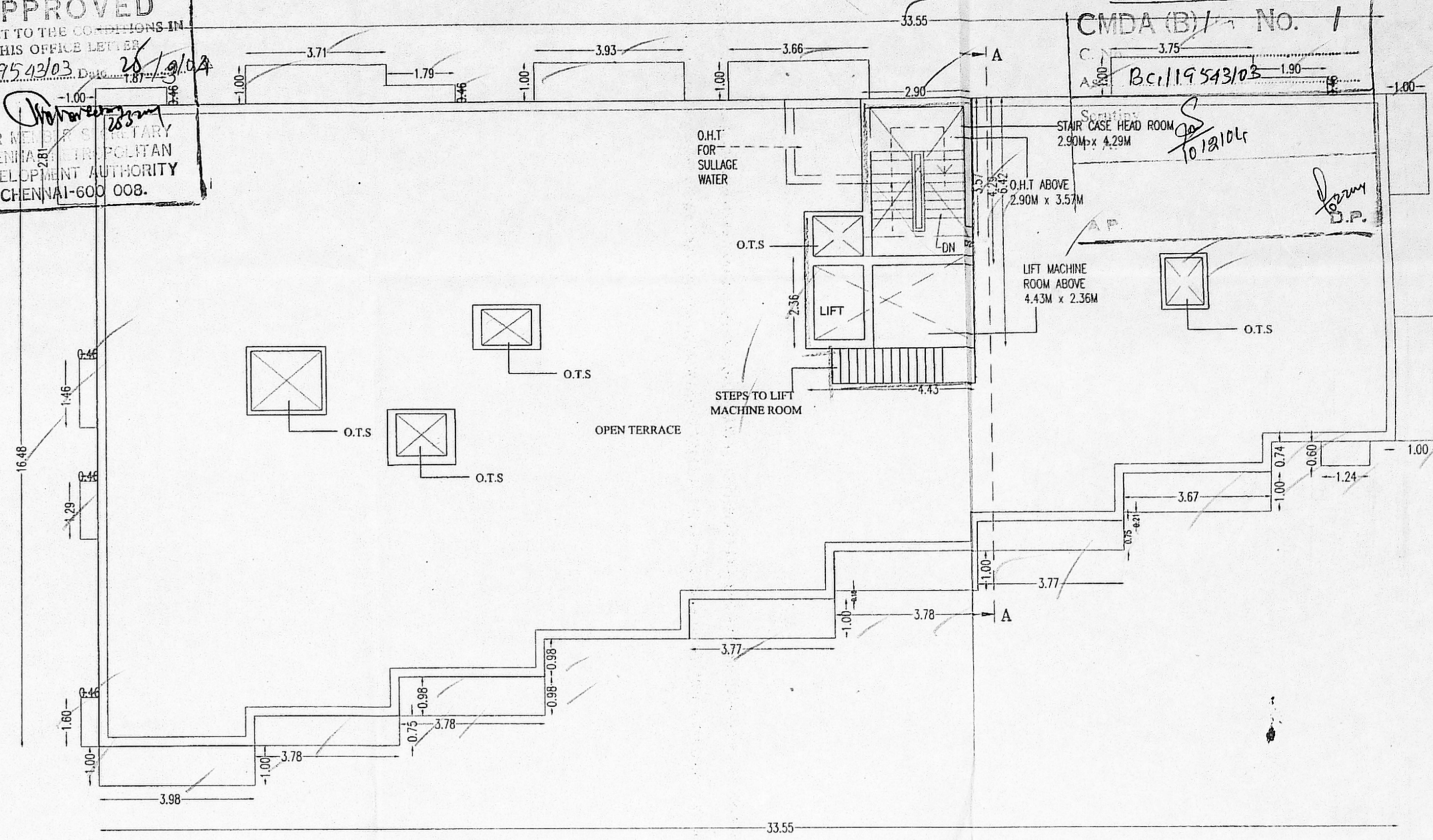
SITE PLAN

FIRST FLOOR PLAN  
TERRACE FLOOR PLAN  
FRONT ELEVATION



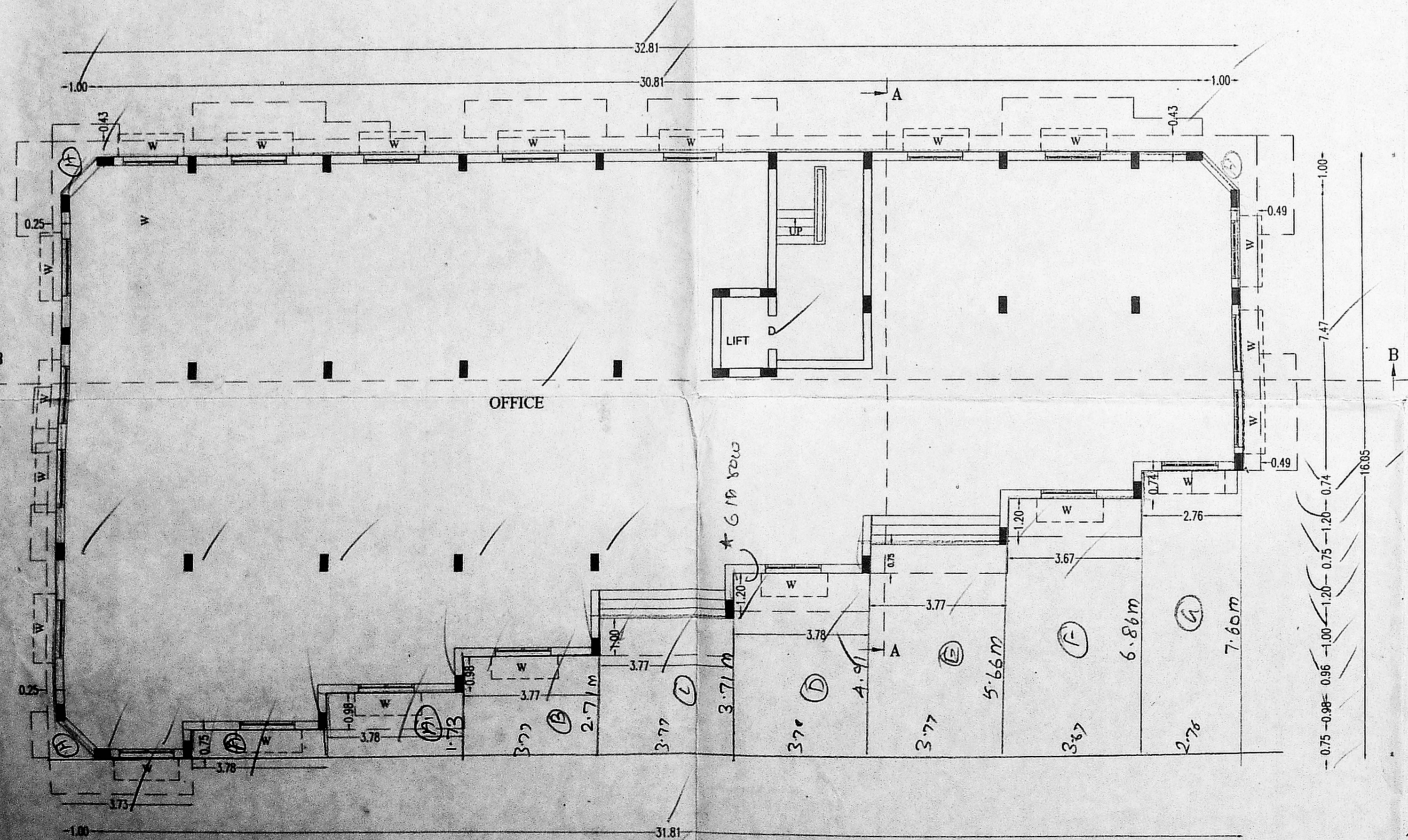
FIRST FLOOR PLAN

2) Sp/B/H/153 B/C/200  
Planning Permit No. ...  
**APPROVED**  
SUBJECT TO THE CONDITIONS IN THIS OFFER LETTER  
R.C. 11952/03  
FOR ...  
CHENNAI MUNICIPALITY  
DEVELOPMENT AUTHORITY  
CHENNAI-600 008.

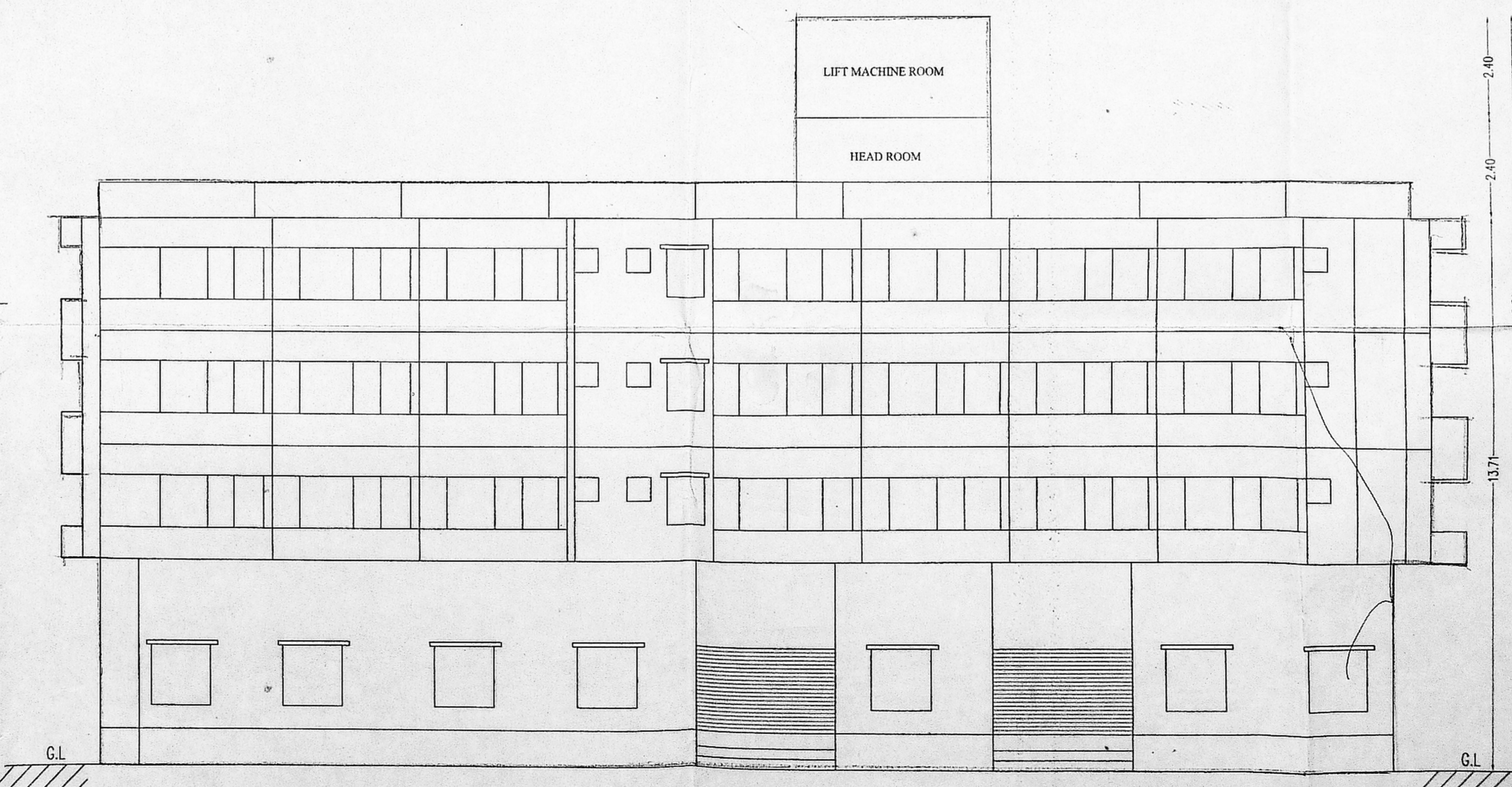


TERRACE FLOOR PLAN

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GR.FLOOR + 3 FLOORS OFFICE & RESIDENTIAL BUILDING AT S.NO:442/4 OLD S.NO:442/A DOOR NO:15 ARCOT ROAD, MADHURAVOYAL VILLAGE, MADHURAVOYAL TOWN PANCHAYAT, CHENNAI.



GROUND FLOOR PLAN



FRONT ELEVATION

NOTE: C.B - CUP BOARD

**COLOUR INDEX**  
PROPOSED (dashed line)  
ROAD (double line)  
BOUNDARY (thick solid line)  
SCALE : 1:100

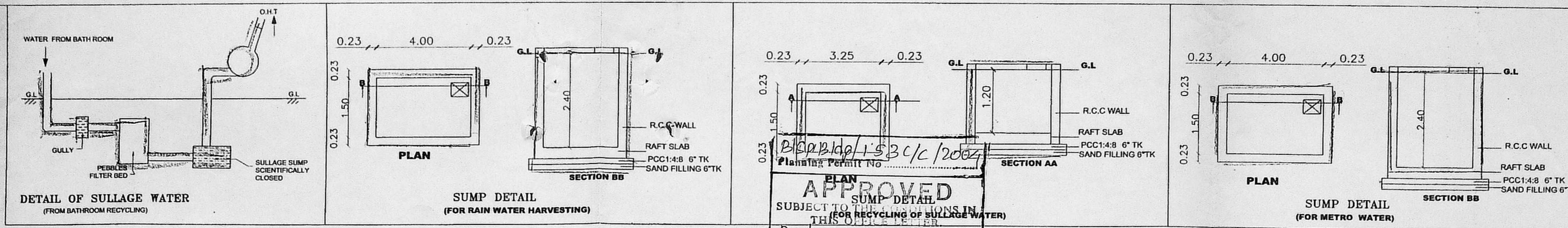
ALL MEASUREMENTS ARE IN METRES .

Rajiv  
Ther  
OWNER

C. VEERANAN, B.Arch.,  
Regd. Architect, No.91/14277  
Licenced Surveyor, CI - I, No.290  
A-2, 1st Floor, Srinivasa Arcade,  
172, Arunachalam Road,  
Saligramam, Chennai - 600 008.

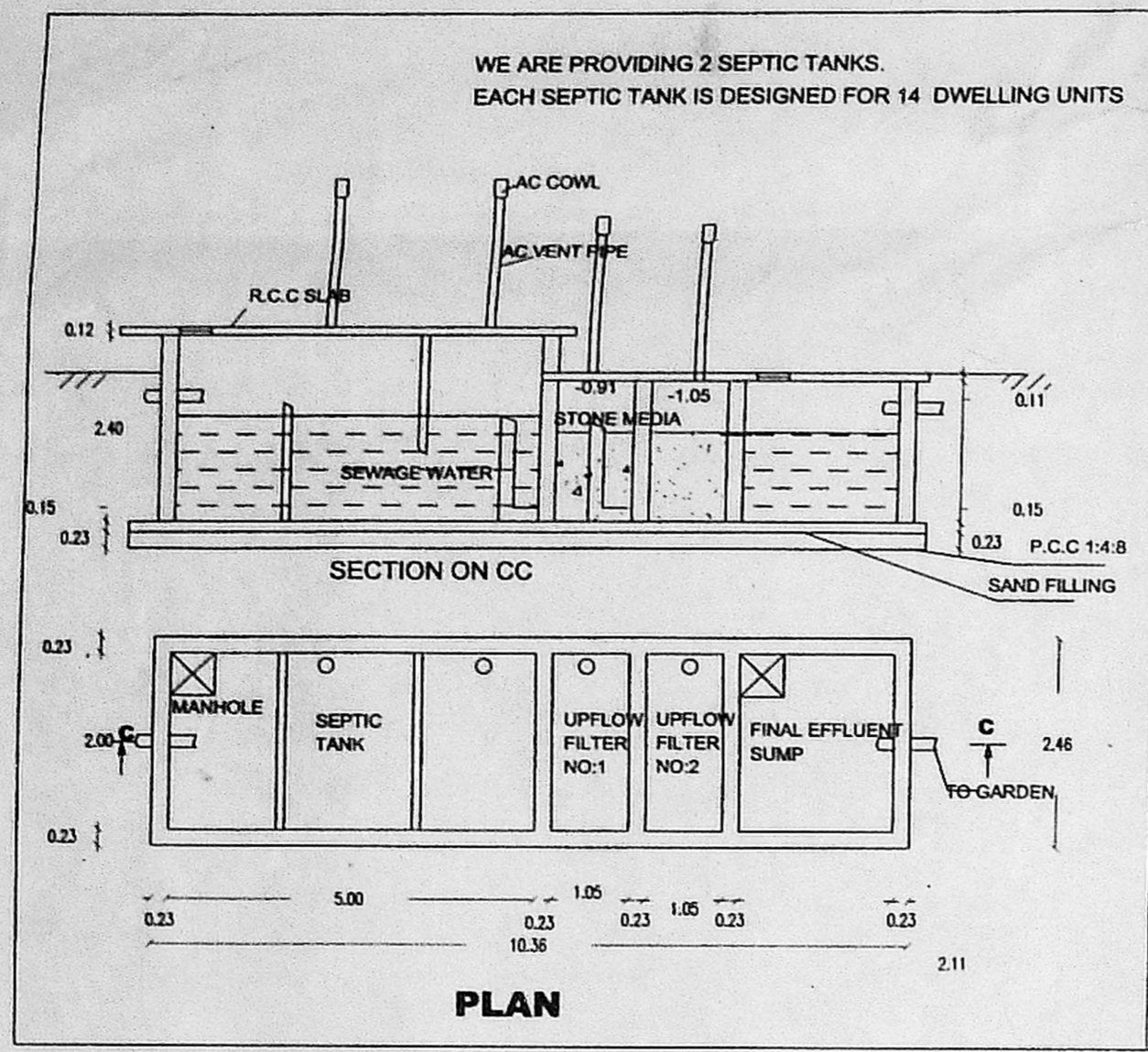
LICENSED SURVEYOR

TYPICAL FLOOR PLAN ( SECOND & THIRD)  
SECTION ON BB



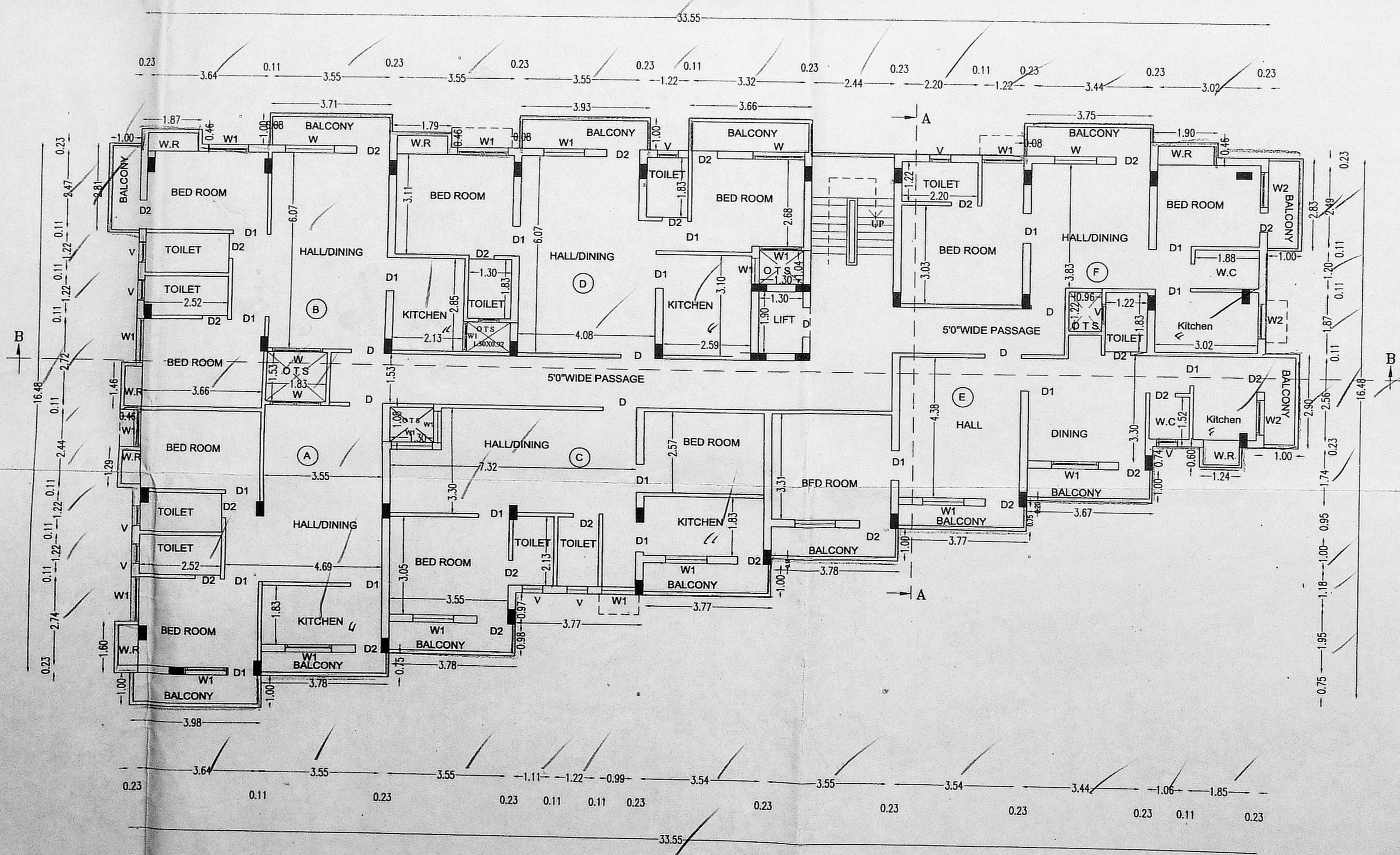
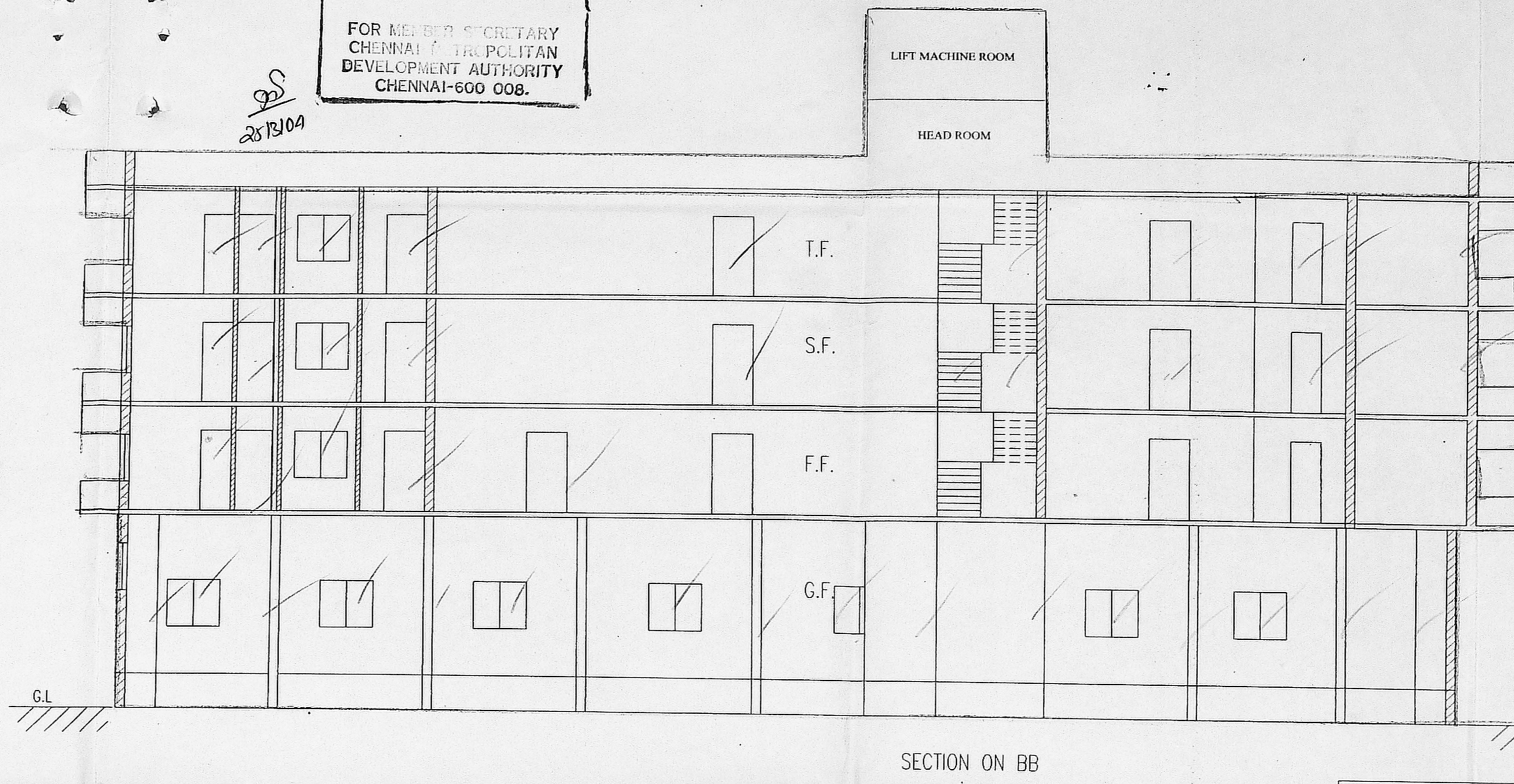
**APPROVED**  
SUMP DETAIL  
SUBJECT TO RECYCLING OF SULLAGE WATER  
THIS IS THE ONLY USE OF THE PERMIT  
Permit No. BCI/19543/03  
Date: 28/10/04  
FOR MEMBER SECRETARY  
CHENNAI MUNICIPAL  
DEVELOPMENT AUTHORITY  
CHENNAI-600 008.

CMDA (B) No. 1  
C No. BCI/19543/03  
Asst. Surveyor  
P. A. S. S. S.  
10/2/04  
D.P.



**DESIGN OF SEPTIC TANK 1 & 2  
WITH UPFLOW FILTER SYSTEM**

NO. OF DWELLINGS = 14  
NO. OF USERS 14 X 5 = 70 PERSONS  
RATE OF WATER SUPPLY IS 150LPH/DAY  
THEN FLOW OF SEWAGE PER DAY 70 X 150 = 10500  
DETENTION PERIOD 18 HRS  
TANK CAPACITY 10500 X 18/24 = 7875 LTS  
THE TANK IS TO BE CLEANED EVERY YEAR:  
SO SLUDGE STORAGE CAPACITY AT THE RATE OF 24X15=360 LTS  
15 LTS FOR A PERSON / YEAR WITH THE PROVISION  
FOR FUTURE EXPANSION LET THE TOTAL TANK  
CAPACITY 25000 LTS OR 25M<sup>3</sup> 7875+360=8235LTS  
SEPTIC TANK HAVING A CAPACITY OF 10M<sup>3</sup>  
DEPTH OF LIQUID AS 2.00 M  
PLAN AREA OF THE TANK 10/2 = 5.00 M<sup>2</sup>  
THE RATIO OF LENGTH TO WIDTH OF TANK BE 3  
LENGTH X BREADTH X3 = 10M<sup>2</sup>  
BREADTH OF TANK = 2.0 M  
LENGTH OF TANK = 5M  
FREEBOARD OF THE TANK = 0.40M  
TOTAL DEPTH OF THE TANK - 2.00+0.40 = 2.40 M  
PROVIDE TWO SEPTIC TANK EACH  
UPFLOW FILTERS = 5.0X2.5X2.40M  
DISCHARGE FOR 370 PERSONS = 55000 LTS  
VOLUME 370X0.45 = 16.65 M<sup>3</sup>  
DEPTH 1.10 X 0.30 = 0.80M  
PLAN AREA REQUIRED 16.65/0.80 = 21 M<sup>2</sup>  
SIZE OF FINAL EFFLUENT SUMP = 2.10 X 2.50X2.00M  
UPFLOW FILTER NO:1 = 1.05X2.5X0.80  
UPFLOW FILTER NO:2 = 1.05X 2.5X 0.80



SF - 6 Rndp  
TF - 6 Rndp

PLAN SHOWING THE PROPOSED CONSTRUCTION  
OF GR.FLOOR + 3 FLOORS OFFICE &  
RESIDENTIAL BUILDING  
AT S.NO:442/4 OLD S.NO:442/A DOOR NO:15  
ARCOT ROAD, MADHURAVOYAL VILLAGE,  
MADHURAVOYAL TOWN PANCHAYAT  
CHENNAI.

ALL MEASUREMENTS ARE IN METRES .

COLOUR INDEX  
PROPOSED   
ROAD   
BOUNDARY

SCALE : 1:100

Rajiv's  
Alen  
OWNER

C. VEERANAN, B.Arch.,  
Regd. Architect, No.91/14277  
Licenced Surveyor, CI - I, No.290  
A-2, 1st Floor, Srinivasa Arcade,  
1/2, Arunachalam Road,  
Sairgramam, Chennai - 600 09 .

LICENSED SURVEYOR

TYPICAL FLOOR PLAN ( SECOND & THIRD)