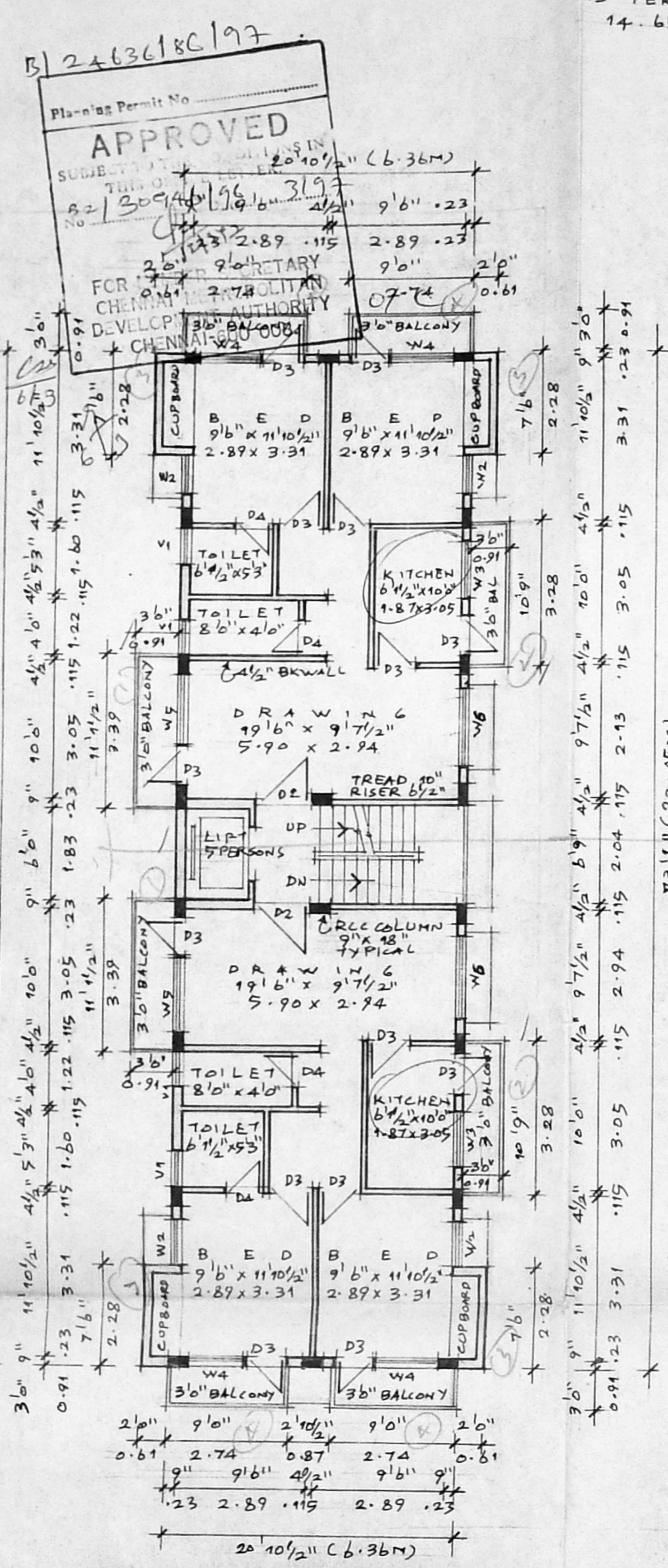
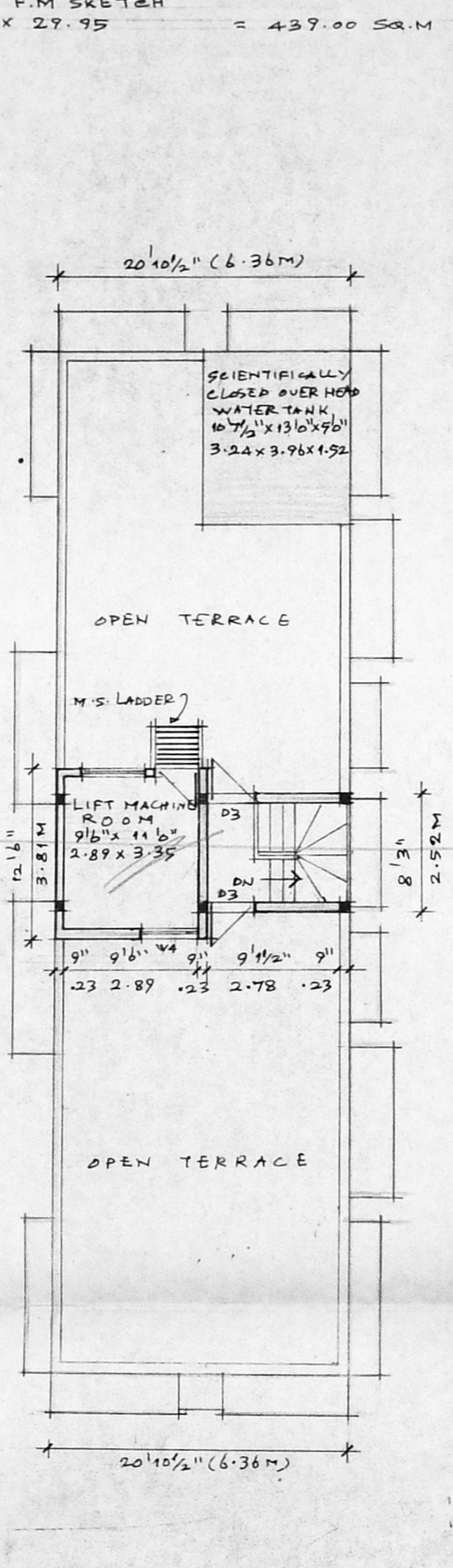


60'-0" (18.30M) WIDE BHARAMATHA STREET

SITE / GROUND FLOOR PLAN
SCALE 1" = 8'0"

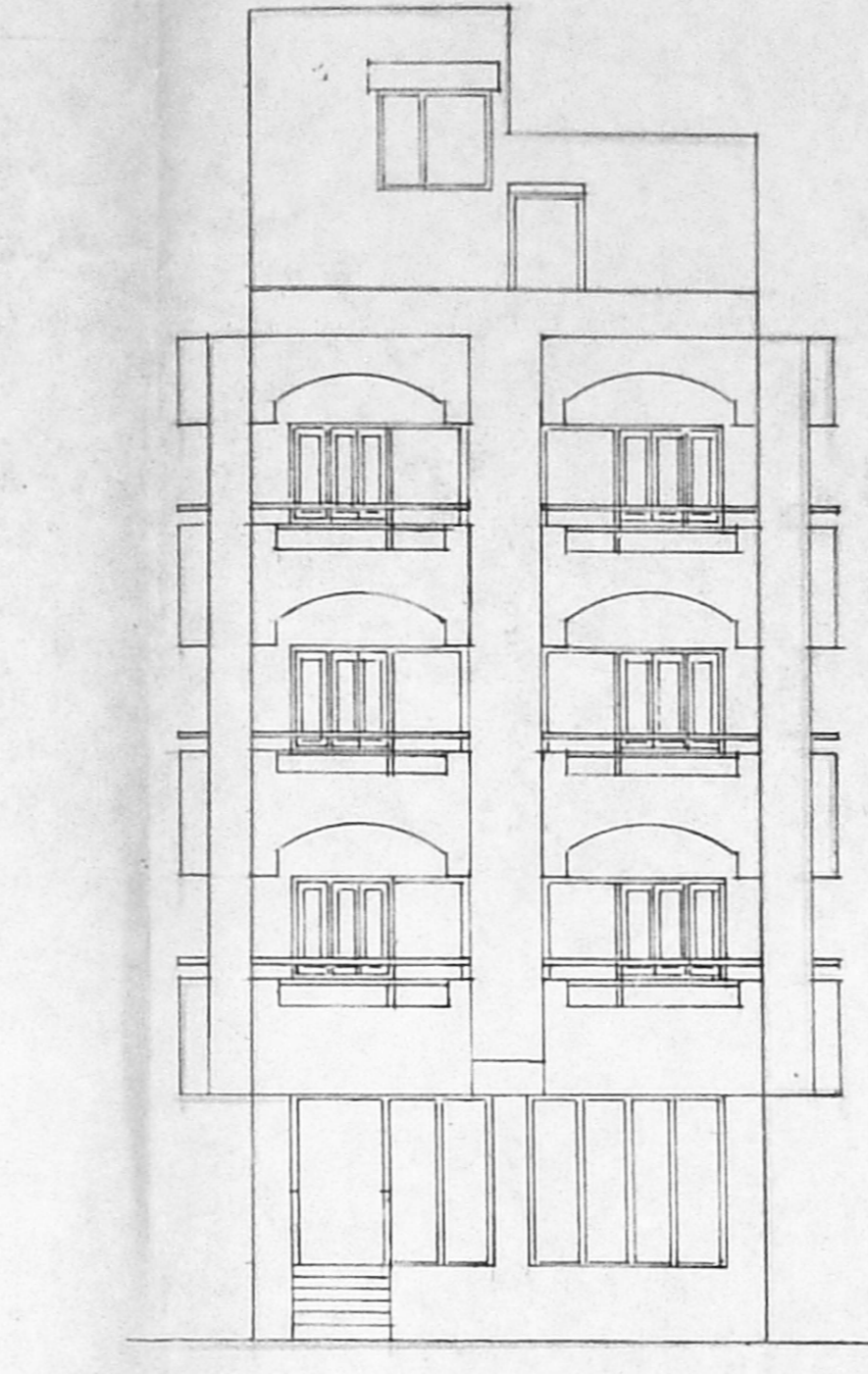


FIRST SECOND AND THIRD FLOOR PLAN

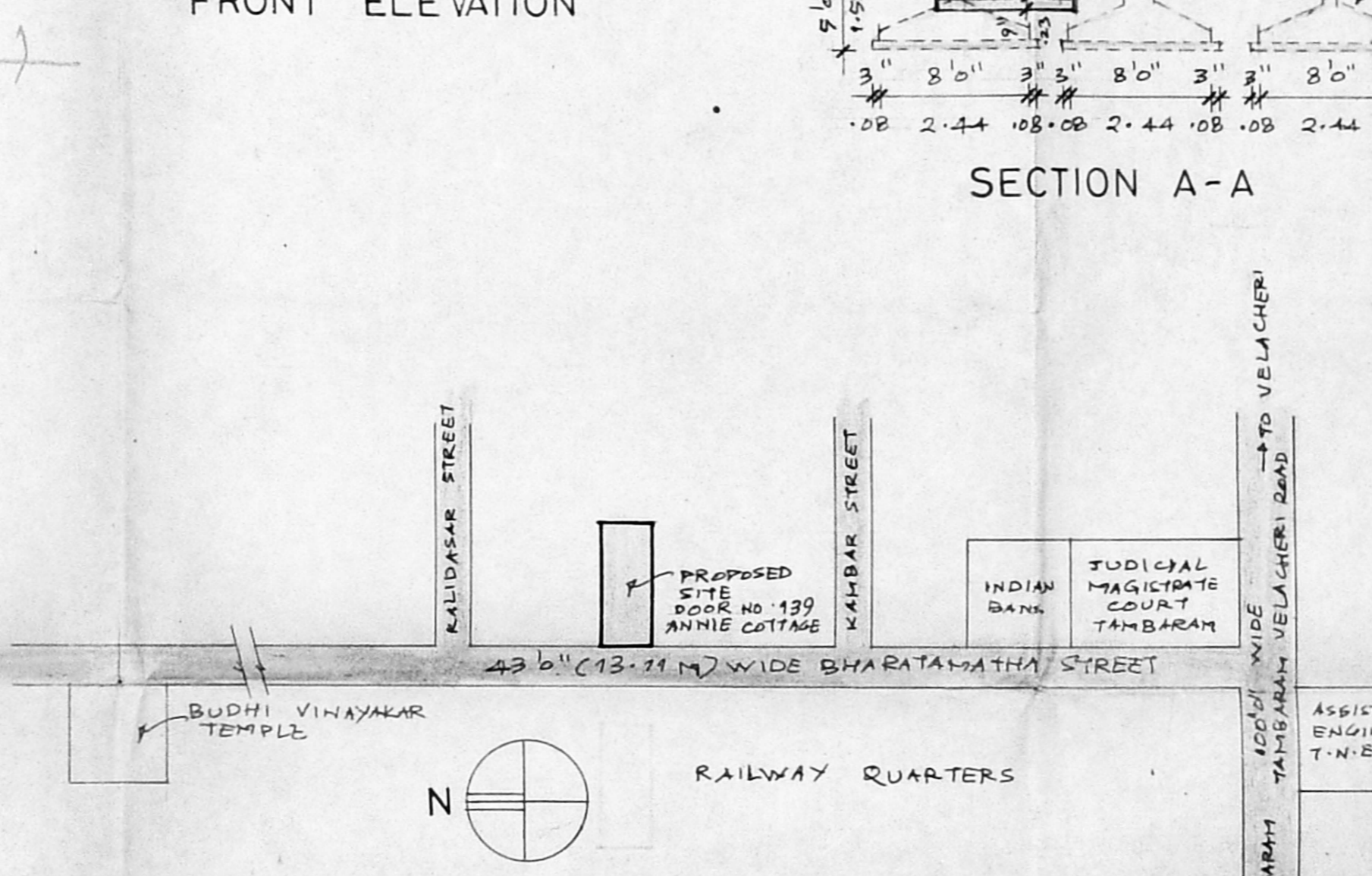


TERRACE FLOOR PLAN

PLOT AREA STATEMENTS
AS PER PATTI II CENTS = 445.15 SQ.M
AS PER F.M SKETCH
14.65 X 29.95 = 439.00 SQ.M



FRONT ELEVATION

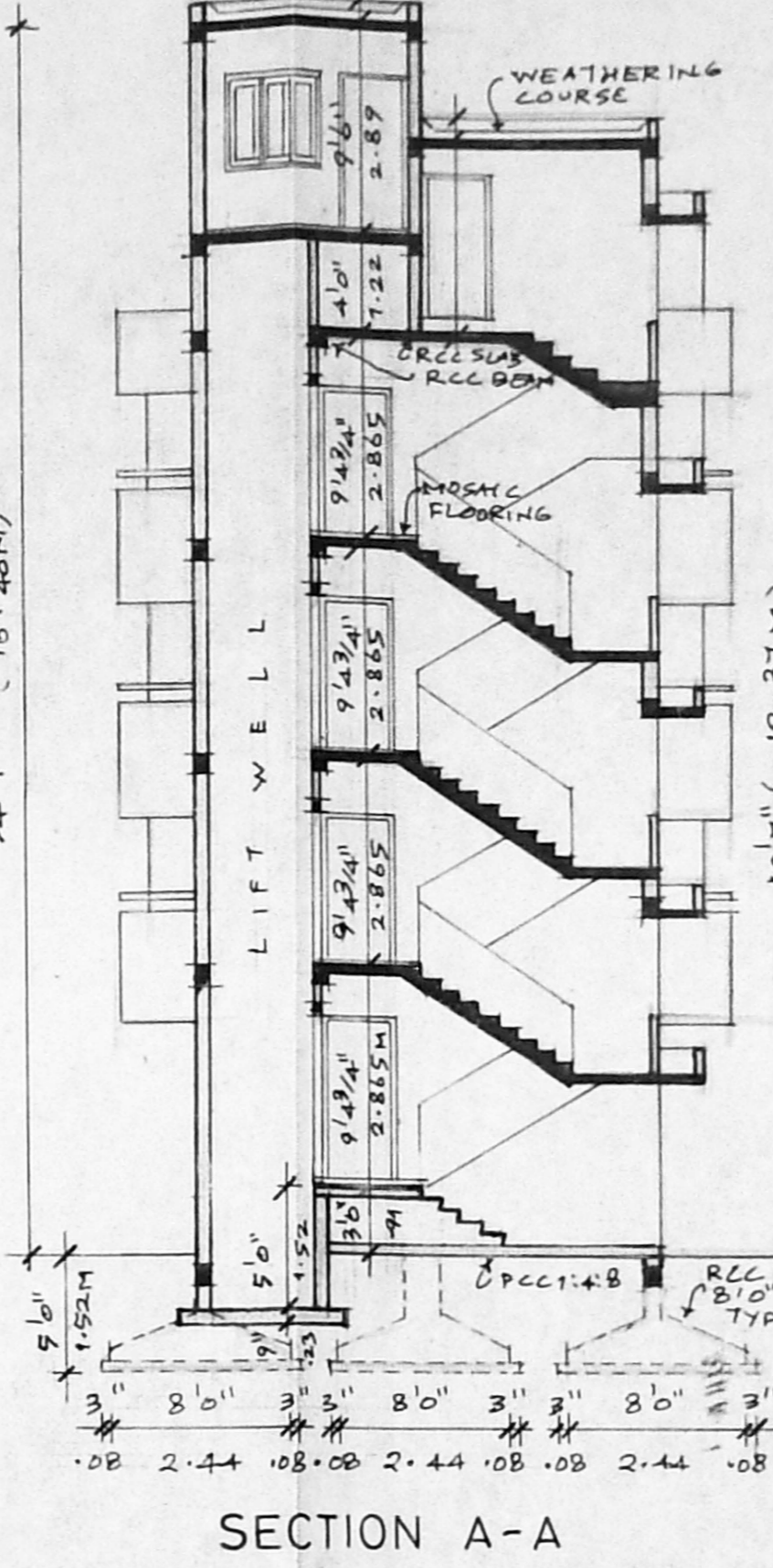


LOCATION PLAN
NOT TO SCALE

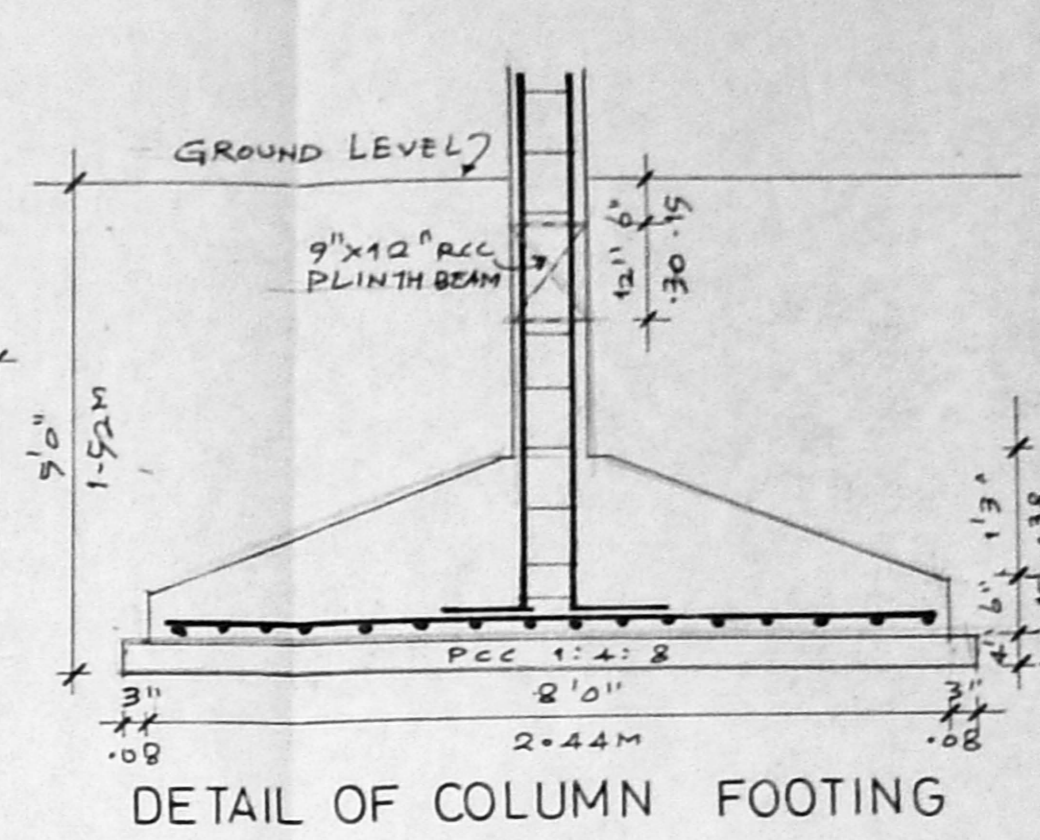
DESIGN OF SEPTIC TANK

- No. of dwellings = 8
- No. of users = 8 x 5 = 40
- Rate of water supply = 150L/DAY
- Flow of sewage = 40 x 150 = 6000 LTS
- Detention = 18 HRS
- Tank capacity = 6000 x 18 = 45000 LTS
- Cleaning once in a year = 24
- Sludge storage = 40 x 15 = 600 LTS
- Capacity required (45000 + 600) = 5100 LTS
- Assume septic tank capacity = 6.00 M³
- Depth of water = 1.20 M
- Free board = 30M
- 1.50M

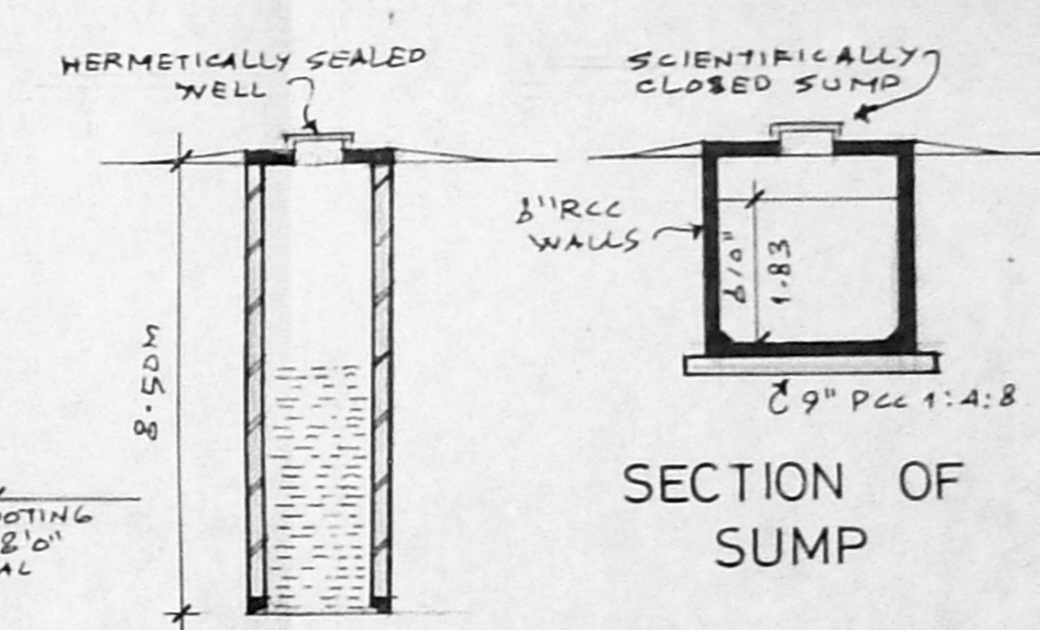
- Area of septic tank required = 6.00 / 1.20 = 5 M²
- Assume = 6 M²
- Clear length of tank = 4.00 M
- Clear width of tank = 1.50 M
- Size of septic tank = 4.00 x 1.50 x 1.20
- UP FLOW FILTER
- Discharge from septic tank = 4500 LTS / DAY
- Width of filter = 1.50 M
- Depth of filter = 1.20 M
- Length required = 4.5 / 1.5 x 1.2 = 2.50 M
- Three No of filters provided
- Length of each filter = 2.5 / 3 = 0.833 Provided 1M.



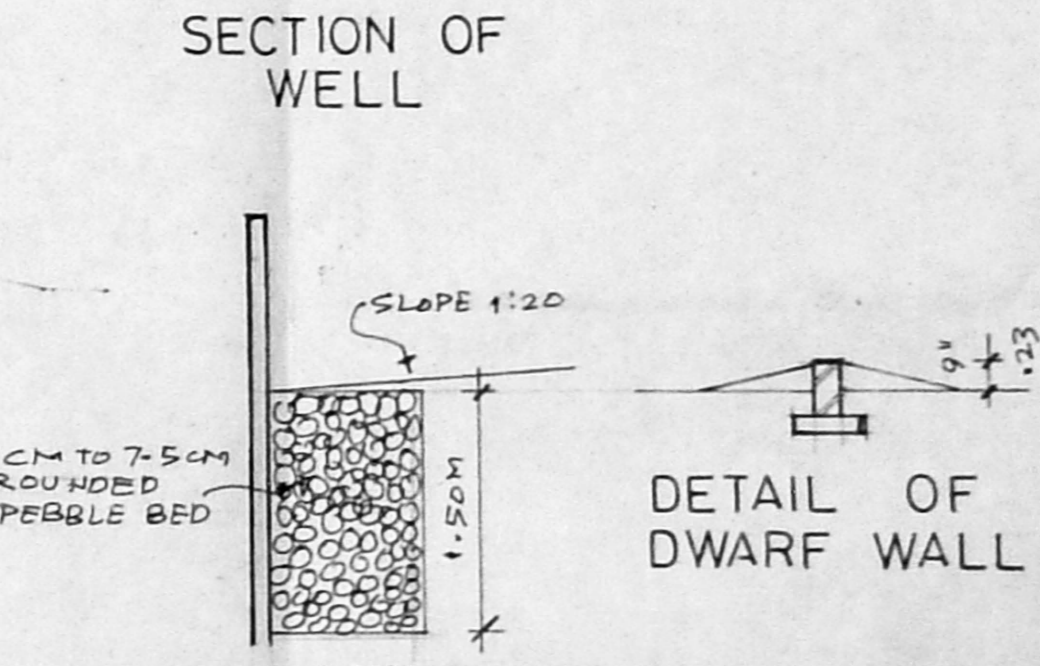
SECTION A-A



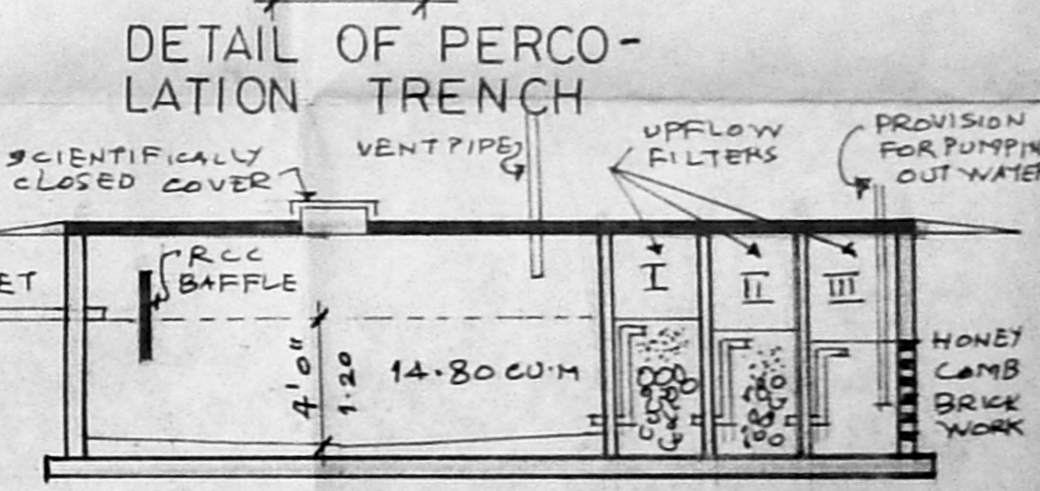
DETAIL OF COLUMN FOOTING



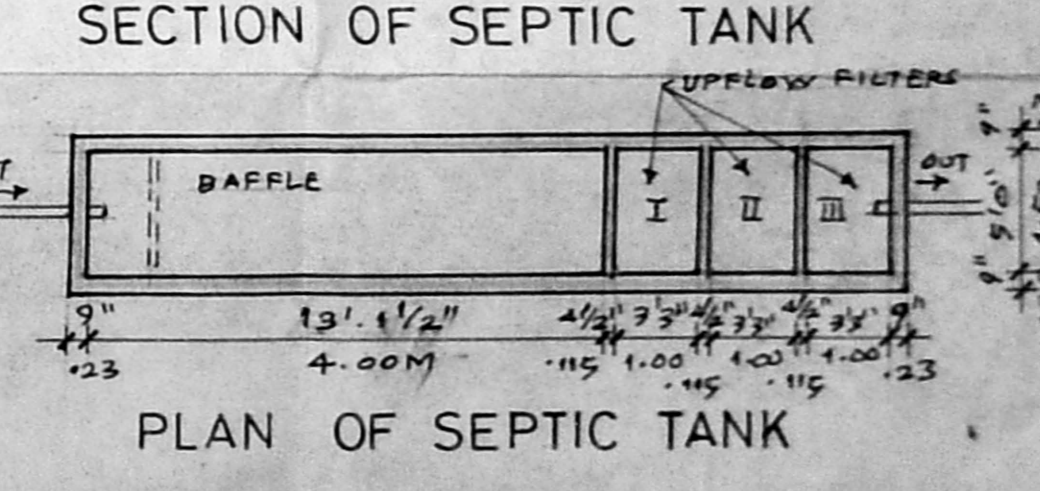
SECTION OF SUMP



SECTION OF WELL



DETAIL OF PERCOLATION TRENCH



PLAN OF SEPTIC TANK

- SPECIFICATIONS
- THE BUILDING SHALL BE CONSTRUCTED OF R.C.C. FRAMED STRUCTURE WITH 9" IN BRICK MASONRY WALLS FOR EXTERIOR AND 4 1/2" TH BRICK WALLS FOR INTERIOR.
 - ALL EXPOSED CONCRETE SURFACES SHALL BE PLASTERED IN CEMENT MORTAR 1:3 AND ALL BRICK SURFACES IN CEMENT MORTAR 1:3.
 - THE FLOORING SHALL BE Laid WITH HYDRAULICALLY PRESSURE CEMENT MOSAIC TILES AND MACHINE POLISHED.
 - THE WEATHERING COURSE SHALL BE LAID TO SLOPE IN BRICK JELLY LIME CONCRETE AND 4 1/2" TH AND FINISHED WITH ONE LAYER OF COUNTRY TILES.

SCHEDULE OF JOINERIES:

D1	4'0" x 7'0"	1.22 x 2.13	ALUMINIUM GLASS PANEL
D2	3'6" x 7'0"	1.07 x 2.13	TEAK WOOD GLASS DOOR
D3	3'6" x 7'0"	1.07 x 2.13	COUNTRY WOOD GLASS DOOR
D4	2'6" x 7'0"	0.76 x 2.13	COUNTRY WOOD FLUSH DOOR
D5	3'0" x 4'6"	0.91 x 1.37	COUNTRY WOOD GLASS PANEL
D6	4'0" x 3'6"	1.22 x 1.07	COUNTRY WOOD GLASS PANEL
D7	4'6" x 2'6"	1.37 x 1.37	COUNTRY WOOD GLASS PANEL
D8	5'6" x 4'6"	1.67 x 1.37	COUNTRY WOOD GLASS PANEL
D9	4'0" x 4'6"	1.22 x 1.37	COUNTRY WOOD GLASS PANEL
D10	4'0" x 7'0"	1.22 x 2.13	ALUMINIUM GLASS PANEL
D11	8'0" x 7'0"	2.44 x 2.13	ALUMINIUM GLASS PANEL
D12	2'6" x 3'0"	0.76 x 0.91	COUNTRY WOOD COURED

AREA STATEMENT

NO.	DESCRIPTION	SQ. FT.	SQ. M.
1.	PLOT EXTENT	4,725.00	439.00
2.	F.S.I. PERMISSIBLE 1:50	7,087.50	658.50
3.	BUILT UP AREA PROPOSED		
i)	GROUND FLOOR	1,534.31	142.54
ii)	FIRST FLOOR	1,833.56	170.34
iii)	SECOND FLOOR	1,833.56	170.34
iv)	THIRD FLOOR	1,833.56	170.34
	TOTAL	7,034.99	653.56
4.	F.S.I. PROPOSED	1.489	
5.	PLOT COVERAGE	38.80%	

PROPOSED RESIDENTIAL BUILDING AT DOOR NO.139, BHARATHAMATHA STREET OF SELAIYUR VILLAGE BEARING OLD S.NO.333A/2B1A1 NEW T.S.NO.10, BLOCK-30, G WARD UNDER TAMBARAM MUNICIPALITY MADRAS - 600 059

SIGNATURE OF APPLICANT: *Mrs. Grace Vinoda Malinin*
SIGNATURE OF LICENSED SURVEYOR: *R. Devanathan*
R. DEVANATHAN, B. Arch., M.C.A. COUNCIL OF ARCHITECTURE REGD. CAL/30/75 REGISTERED ARCHITECT No: 234 CORPORATION OF MADRAS

□	PLOT BOUNDARY	■	PROPOSED WORK
□	ACCESS ROAD		

SCALE 1" = 8'0" DATE 1.7.98 JOB NO. DRGNM1

NAME AND ADDRESS OF LICENSED SURVEYOR
R-DEVANATHAN, B. ARCH., M.C.P.
23, FIRST FLOOR, MOOKAMBICA COMPLEX,
4, LADY DESIKA ROAD,
MYPALORE,
MADRAS - 600 004. PH. 4993020