

PROPOSED KALYANAMANDABAM AT DOOR NO 13, MEDAKKAM MAIN ROAD, GANESH NAGAR, R.S.NO: 753/3A1C, 253/10, 253/11, 253/12, 254/2A1A, 254/2A2A, 254/2A1B, 254/2A2B, 254/2A7, 254/2A4, 254/3A2, KEELAKATTALAI, VILLAGE, MADIPAKKAM, CHENNAI. ALREADY SUBDIVISION SANCTIONED LR NO REG/13/14632/1999, PERMIT NO RP LO/742/2001, DATED : 31-12-2001.

AREA STATEMENT	
PLOT EXTENT :	36117 / 26130
STAIRS FLOOR AREA :	1010 / 93.87
FIRST FLOOR AREA :	11410 / 100.57
SECOND FLOOR AREA :	6518 / 605.74
TOTAL FLOOR AREA :	11677 / 1084.76

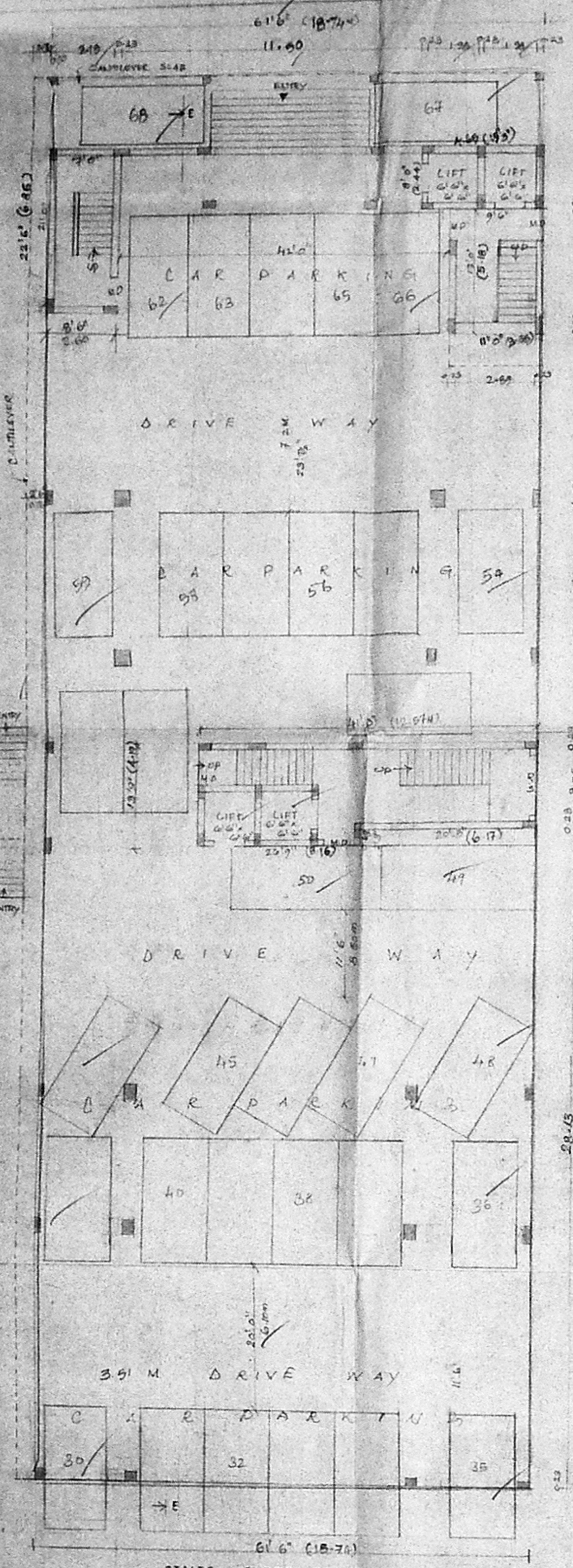
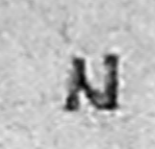
FOURTH FLOOR AREA = 7521 - 698.97  
TOTAL = 39561 - 3583.74  
I.E.P. = 1.476 PLOT COVERAGE = 41.33%  
NO OF CAR PARKING PROVIDED = 68 NOS

SCALE 1:80  
COLOR INDICATED  
PROPOSED  
ROAD  
BOUNDARY

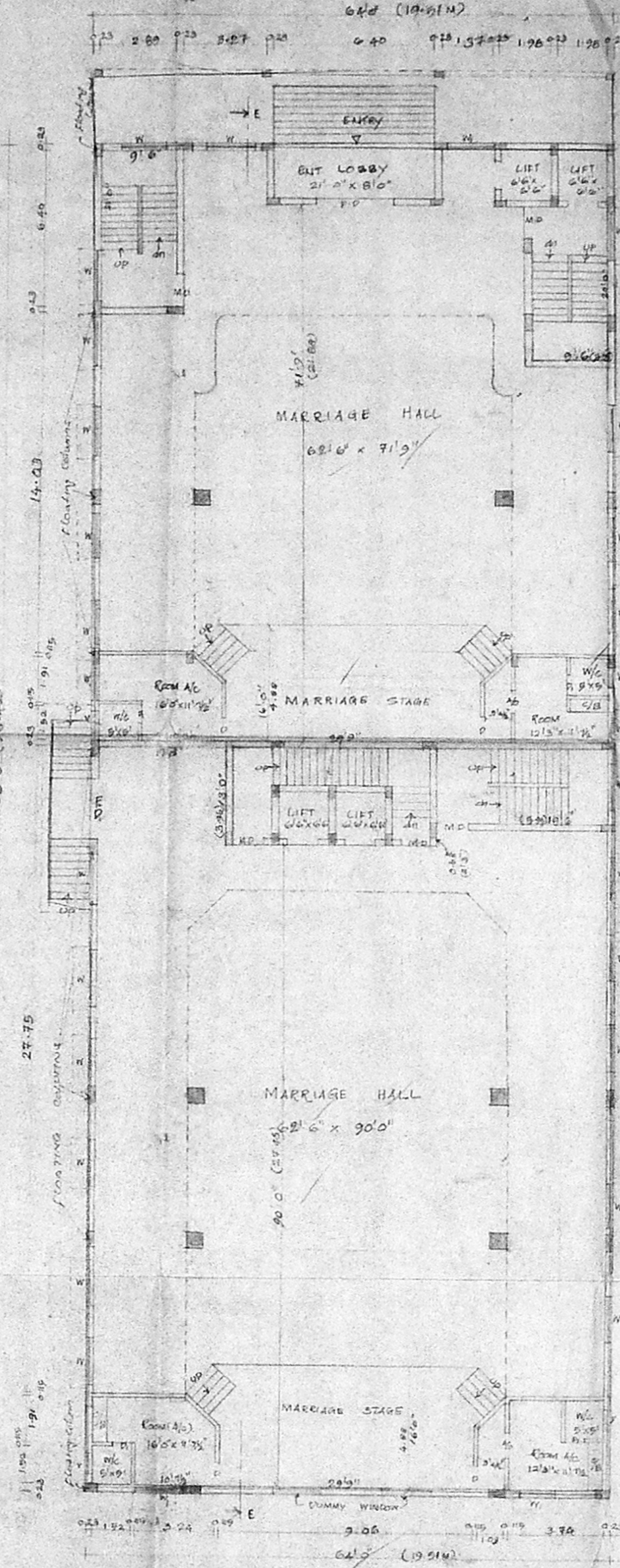
DIRECTOR  
FOR ANANDHI CONSTRUCTION LTD  
MANAGING DIRECTOR

to Subramanya  
ARCHITECT  
K. SUBRAMANYAM, CLAU, ALLAPPAKKA  
Registered Architect  
Council of Architects  
E.A. No. 294  
28/74, Ramiah Road,  
V. Nagar, Chennai-600 085

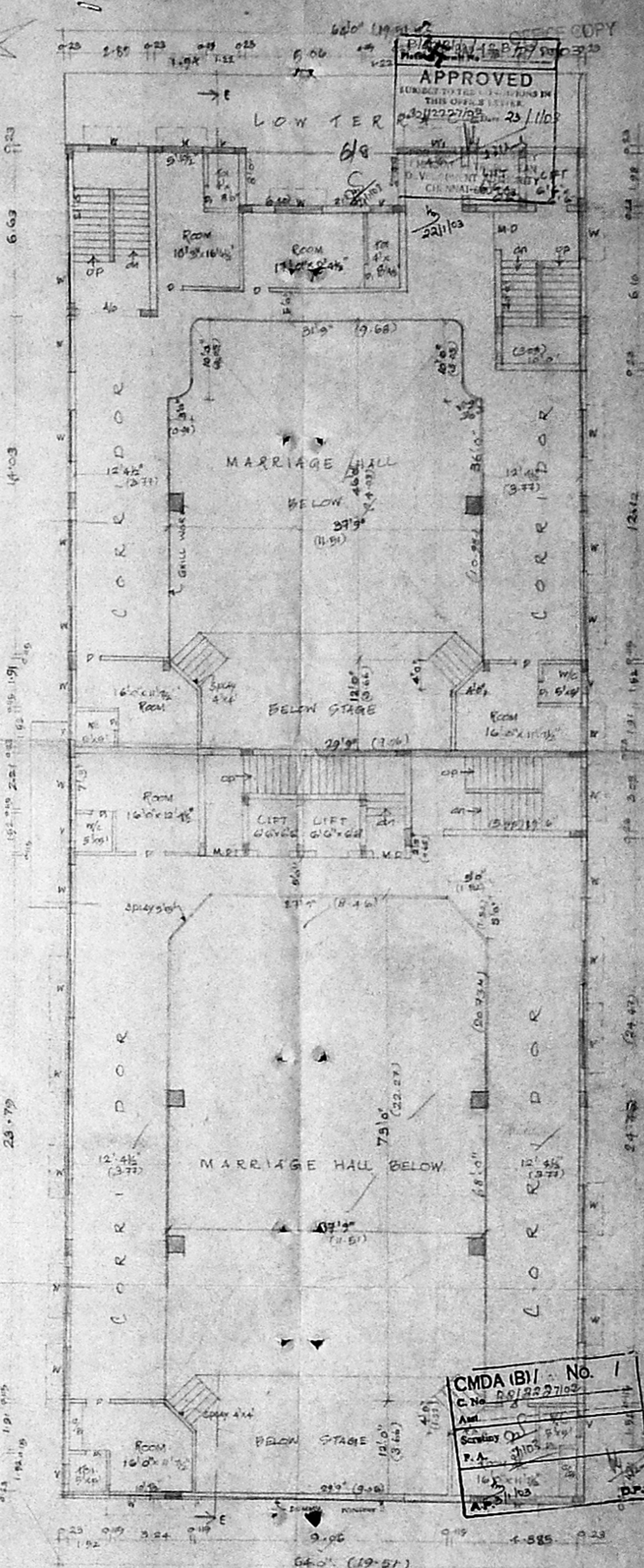
ARCHITECTS  
SERVINGIA ENTERPRISES  
NO 14 BRADSHAW ROAD  
T. NAGAR, CHENNAI-600 085  
PR. 084962



STILTS FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN

APPROVED  
 SUBMITTED FOR PERMITS IN  
 THIS OFFICE AT  
 23/11/02  
 23/11/02

CMDA (B) No. 1  
 C.No. 00/1227/02  
 Am. 1  
 Survey No. 1105  
 P.A. 1105  
 23/11/02

PROPOSED MARRIAGE HALL AT DOOR NO: 13, MEDAVAKKAM  
 MAIN ROAD, GANESH NAGAR R.S. NO: 253/2A1C, 253/10,  
 253/11, 253/12, 254/2A1A, 254/2A2A, 254/2A1B, 254/2A2B,  
 254/2A3, 254/2A4, 254/3A2, KEELAKATTALAI VILLAGE,  
 MADIPPAKKAM, CHENNAI, SUB DIVISION SANCTIONED LR NO:  
 RB5.L3/14632/1999, PERMIT NO RP/LO/142/2001, Dated 31-12-2001  
 For: M/S. ANANTHI CONSTRUCTIONS,  
 MR. T.N.T. RAJASEKER.

**JOINERY**  
 FD - FRENCH DOOR - 6'0" x 6'0"  
 FD - FRENCH DOOR - 6'0" x 6'0"  
 MD - MAIN DOOR - 4'0" x 7'0"  
 D - DOOR - 3'0" x 7'0"  
 D - DOOR - 2'6" x 7'0"  
 W - WINDOW - 6'0" x 4'0"  
 W - WINDOW - 6'0" x 6'0"  
 V - VENTILATOR - 2'0" x 2'0"

W - WINDOW - 4'0" x 4'0"  
 D - DOOR - 6'0" x 7'0"  
 R.S - ROUNDED SQUARE, 6'0" x 7'0"

SHEET NO: 2/3

DATE: 07.03.02  
 SCALE: 1"=80'  
 COLOR INDEX  
 PROPOSED: ○  
 ROAD: ○  
 BOUNDARY: ○

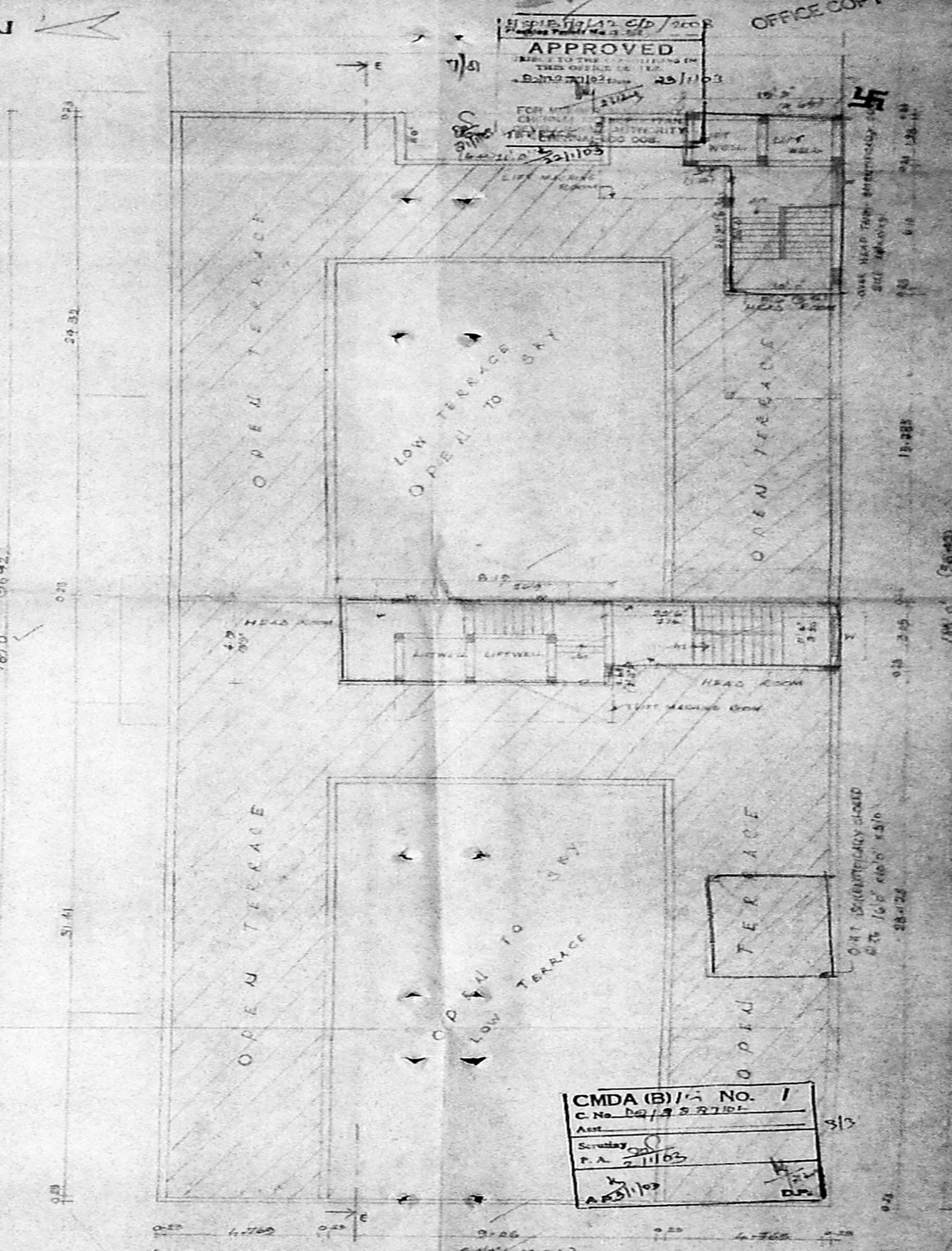
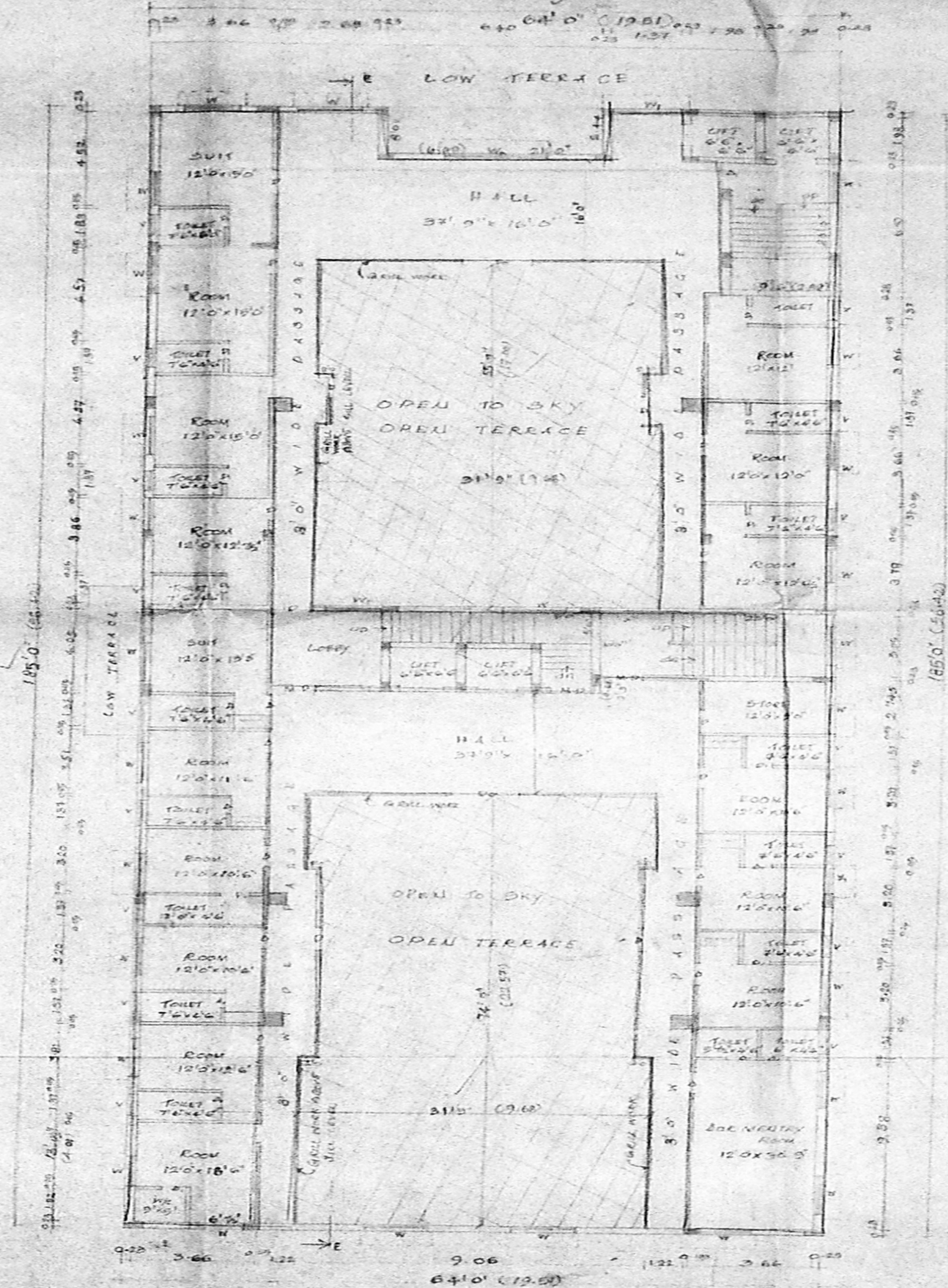
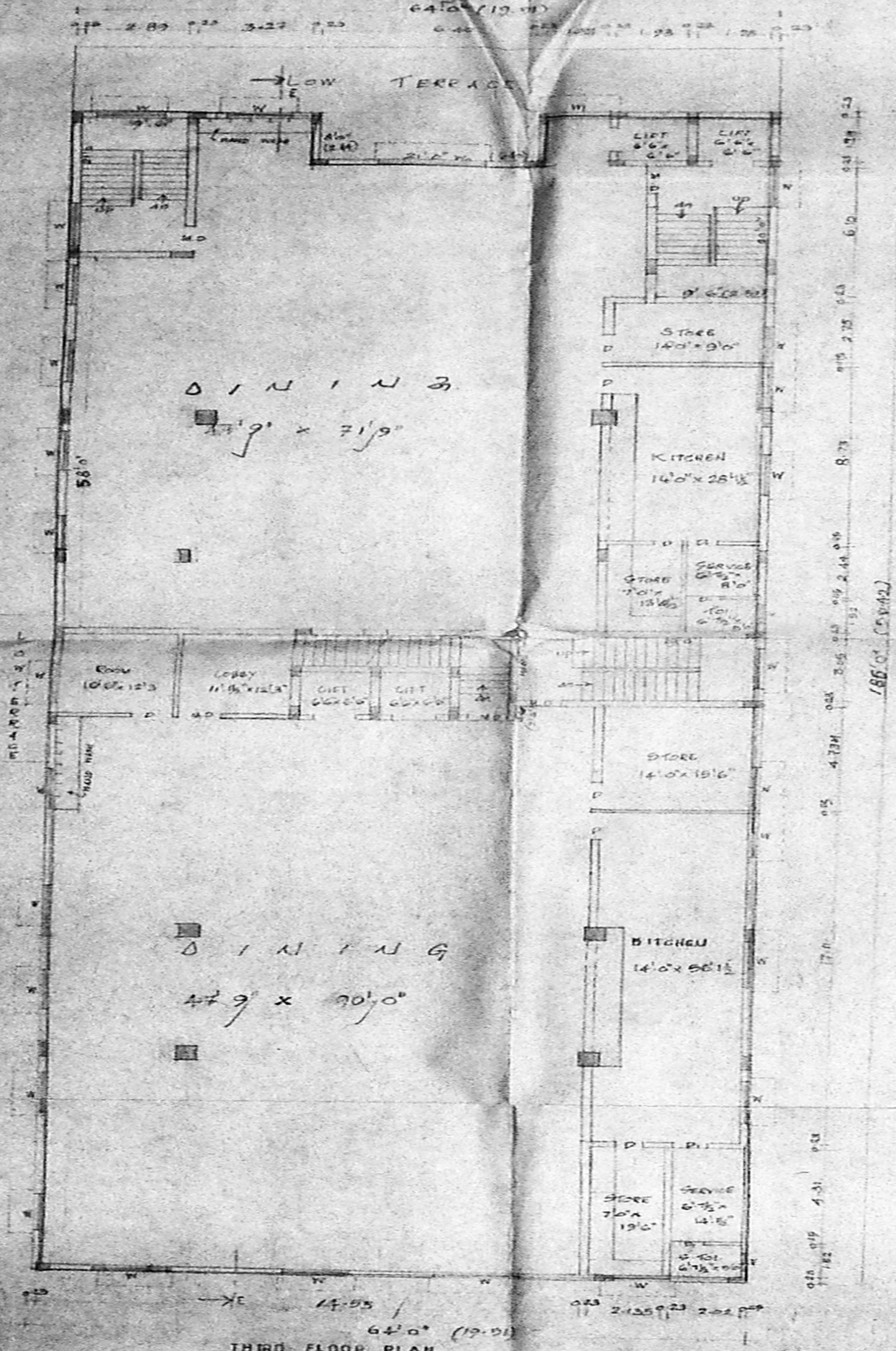
OWNER: Ananthi Constructions Ltd.  
 FOR ANANTHI CONSTRUCTIONS LTD.  
 MANAGING DIRECTOR

K. Subramanya  
 ARCHITECT  
 K. SUBRAMANYAM & BROS.  
 ATTAPPAKKA  
 P. No. 254  
 25, M. Srinivas Road,  
 T. Nagar, Chennai-600 009,  
 LICENSED SURVEYOR

Architects:  
 SRINIVASA RAJESWARAN  
 No. 14, BOXWOOD ROAD,  
 T. NAGAR,  
 CHENNAI - 60  
 DR. RAJAGOPAL

APPROVED  
 FOR THE  
 TOWN AND COUNTRY PLANNING  
 DEPARTMENT  
 CHENNAI  
 P.A. 21103

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CMDA (B)115 NO. 1  
 C. No. 29/1993/101  
 P.A. 21103

PROPOSED KALYANAMBASAM AT DOOR NO. 13, MEDAVAKKAM  
 MAIN ROAD, GANESH NAGAR, R.S. NO: 253/3A16, 253/10, 253/11, 253/12,  
 253/2A1A, 253/2A2A, 253/2A1B, 253/2A2B, 253/2A3, 253/2A4 + 253/3A2,  
 KELAKATTALAI VILLAGE, MADIPAKKAM, CHENNAI.  
 U.S. NO. REG-13/14637/1999  
 SUB-DIVISION SANCTIONED PERMIT NO. RP: LG/2142/2001, DMD 31.12.2001.

PREPARED BY: M/S. ANANTHI CONSTRUCTIONS,  
 M. T.N.T. RAJASEKAR

**SPECIFICATION**

FOUNDATIONS - RCC COLUMN FOUNDATIONS WITH REINFORCED SAND  
 FLOORING - FINE FINISH OVER P.C.C. SLAB AND SAND  
 WALL STRUCTURE - BRICK WORK IN CEMENT  
 ROOFING - 1. RCC ROOF WITH 100MM  
 2. TWO LAYERS OF PREPRESSED TILES OVER  
 BRICK JELLY WITH GUM MORTAR  
 JOINERY - WITH BEST INDIAN TEAK WOOD

SHEET NO: 33

DATE: 09.03.02  
 SCALE: 1"=8'0"

OWNER: M. Subramanyam  
 ARCHITECT: K. SUBRAMANYAM, S.R.M.A.  
 FOR ANANDHI CONSTRUCTIONS LTD.

PROPOSED:   
 R.S.D:   
 BOUNDARY:

OWNER: M. Subramanyam  
 ARCHITECT: K. SUBRAMANYAM, S.R.M.A.  
 FOR ANANDHI CONSTRUCTIONS LTD.

LOCALISED SURVEYOR

33

OFFICE COPY

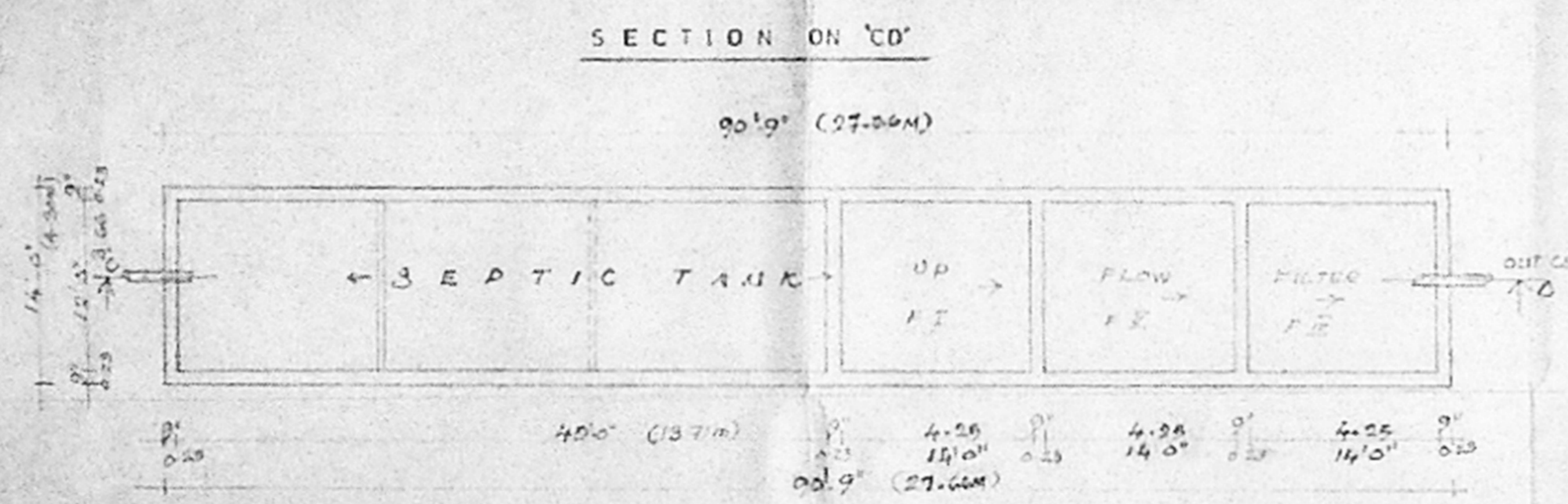
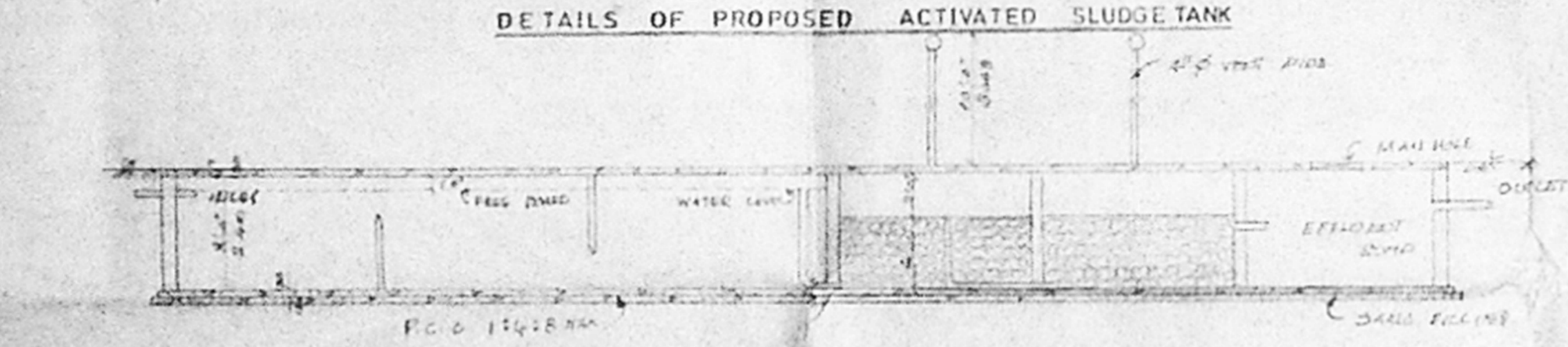
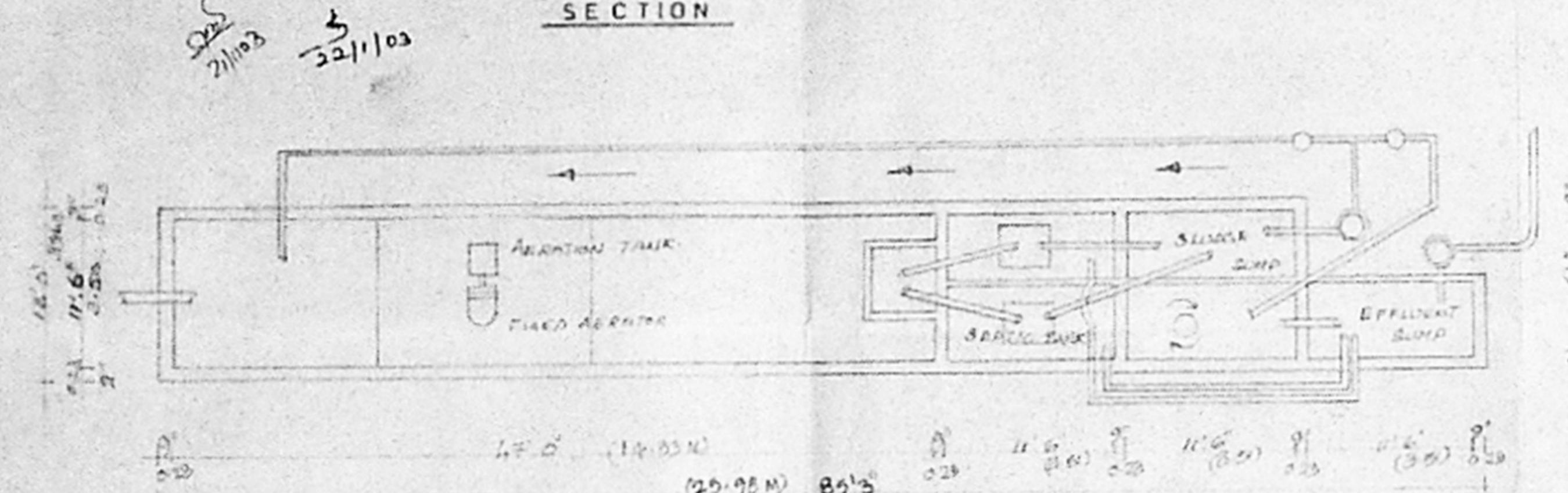
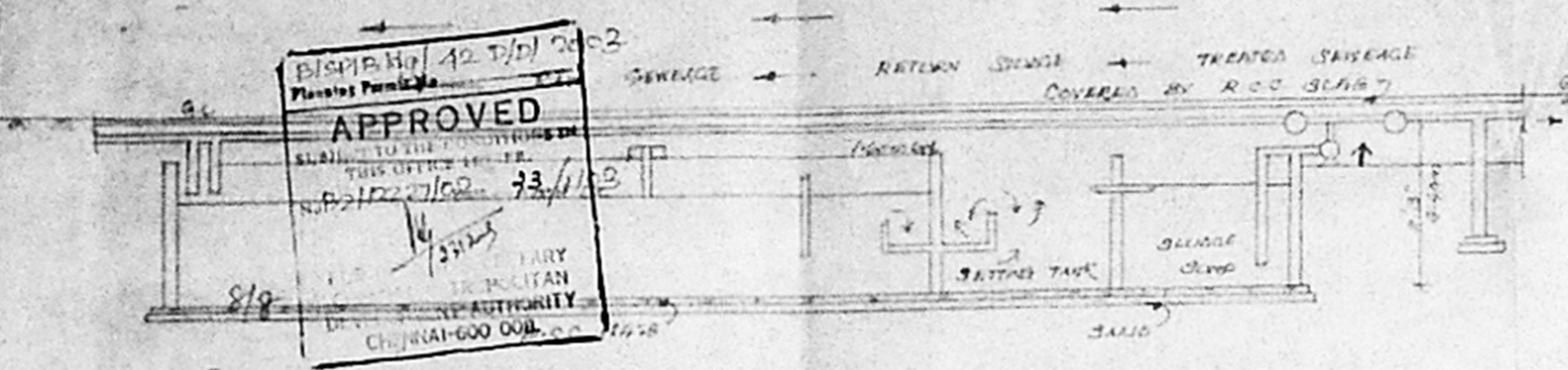
PROPOSED SEPTICTANK DETAILS FOR  
 PROPOSED MARRIAGE HALL BUILDING  
 AT R.S.NO: 253/3AK, 253/10, 253/11,  
 253/12, 253/2A1A, 254/2A2A, 254/2A1B,  
 254/2A2B, 254/2A3, 254/2A4, 254/3A2  
 DOOR NO:13, MEDAVAKKAM MAIN  
 ROAD, BHARATH NAGAR,  
 MADIPAKKAM VILLAGE.

Planning Permit No. 42 D/D/2003  
**APPROVED**  
 THIS OFFICE IS FOR THE  
 NO. B2/22/27/02 - 23/11/03  
 MARY  
 MUNICIPAL  
 AUTHORITY  
 CHENNAI-600 008

**CMDA (B)/E- No. 1**  
 C. No. B2/22/27/02  
 Asst  
 Scrutiny P.A.  
 AP.31/103  
 D.P.

For:  
 M/S Ananthi Constructions LTD,  
 MR: T.N.T. RAJASEKAR.

**DESIGN OF SEPTIC TANK TO  
 UP FLOW FILTER**  
 FOR: RAJAN MAHADEWAN SITTING  
 AREAS: 1820 SQM, 270 SQM, 2019 SQM  
 50 SQM UNIT = 2000/50 = 40 UNITS  
 10% FOR EXTRA WASTAGE: 4.24 x 2.14 = 9.07 SQM  
 NO. OF UNITS: 44 UNITS, NO. OF USERS: 44 x 5 = 220  
 NO. OF USERS: 220 PERSONS (220 PERSONS)  
 RATE OF WATER SUPPLY: 135 LITERS/PERSON/DAY  
 THEN FLOW OF SEWAGE PER DAY: 220 x 135 = 29700 LITERS  
 DETENTION PERIOD: 1.5 DAYS  
 TANK CAPACITY: 29700 x 1.5 = 44550 LITERS  
 THE TANK IS TO BE CLEANED EVERY YEAR AND  
 SLUDGE CAPACITY AT THE RATE OF  
 15 LITERS PER PERSON PER YEAR  
 → 220 x 15 = 3300 LITERS  
 → 44550 + 3300 = 47850 LITERS  
 WITH PROVISION FOR FUTURE EXPANSION  
 LET THE TANK CAPACITY BE: 47850 LITERS  
 DEPTH OF LIQUID: 1.5 M  
 DEAD AREA OF THE TANK: 27.15 SQM  
 THE RATE OF LENGTH TO WIDTH OF TANK IS  
 LENGTH = BREADTH x 3 = 13.50 M  
 BREADTH OF TANK: 13.50/3 = 4.50 M  
 ∴ LENGTH OF TANK: 4 x 3 = 12.00 M  
 FREE BOARD OF THE TANK: 0.40 M  
 TOTAL DEPTH OF THE TANK: 2.30 M + 0.40 M = 2.70 M  
 REQUIRED SEPTICTANK SIZE  
 = 12.00 x 3.00 x 2.70 M  
 PROVIDED SEPTICTANK SIZE: 13.71 x 3.00 x 2.40 M



**CONTINUE SEPTICTANK DESIGN CALCULATION**  
 UP FLOW FILTERS  
 DISCHARGE FOR 230 PERSONS  
 230 x 135 LITERS = 31,050 LITERS  
 VOLUME → 230 x 0.45 = 103.50 M<sup>3</sup>  
 DEPTH → 2.0 - 0.30 = 1.70 M (FREE BOARD)  
 PLUMB AREA REQUIRED →  $\frac{103.50}{1.70} = 60.88$  SQM  
 (34.67 + 26.21) = 60.88 SQM  
 SIZE OF EACH EFFLUENT SURP  
 = 4.25 x 4.25 x 2.0 M  
 UP FLOW FILTER NO. 1: 4.25 x 4.25 x 2.0 M  
 UP FLOW FILTER NO. 2: 4.25 x 4.25 x 2.0 M

DESCRIPTION	LENGTH	BREADTH	DEPTH
SEPTIC TANK	13.71	3.00	2.40
UP FLOW FILTER - I	4.25	4.25	2.00
UP FLOW FILTER - II	4.25	4.25	2.00
UP FLOW FILTER - III	4.25	4.25	2.00

SHEET NO: 3  
 DATE: 10/10/03  
 SCALE: 1" = 3'0"  
 OWNER: ANANTHI CONSTRUCTIONS LTD.,  
 MANAGING DIRECTOR: *[Signature]*  
 ARCHITECT: K. SUBRAMANYAM, 68 AND, ANANTHURA,  
 Registered Architect,  
 Council of Architects,  
 R.A. No. 294  
 53/74, Emerald Road,  
 T. Nagar, Chennai-600 009,  
 LICENSED SURVEYOR: *[Signature]*

Architects:  
 SRINIVASA ENTERPRISES,  
 NO: 74, BRINDHAN ROAD,  
 T. NAGAR,  
 CHENNAI - 17.  
 Ph: 8844962