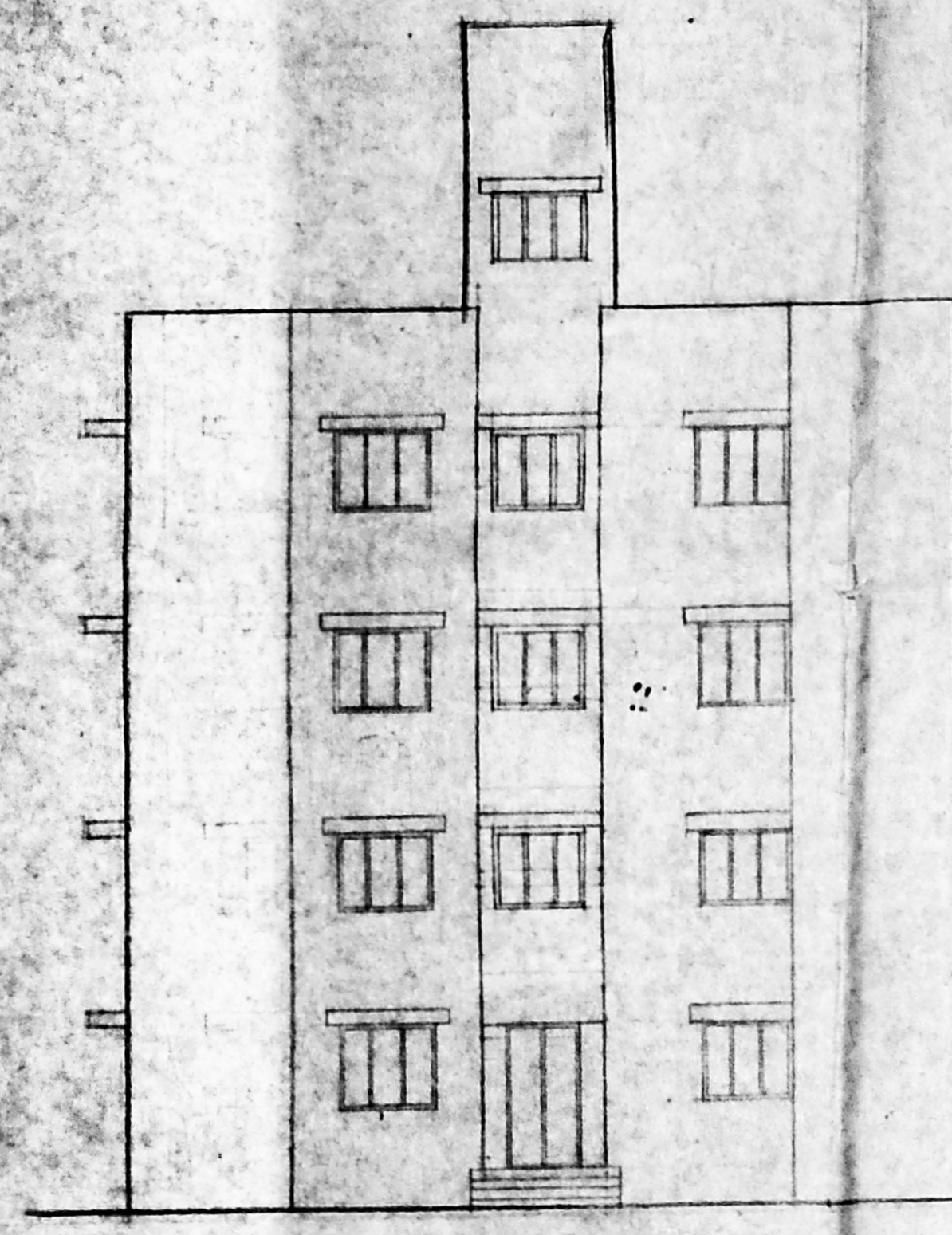


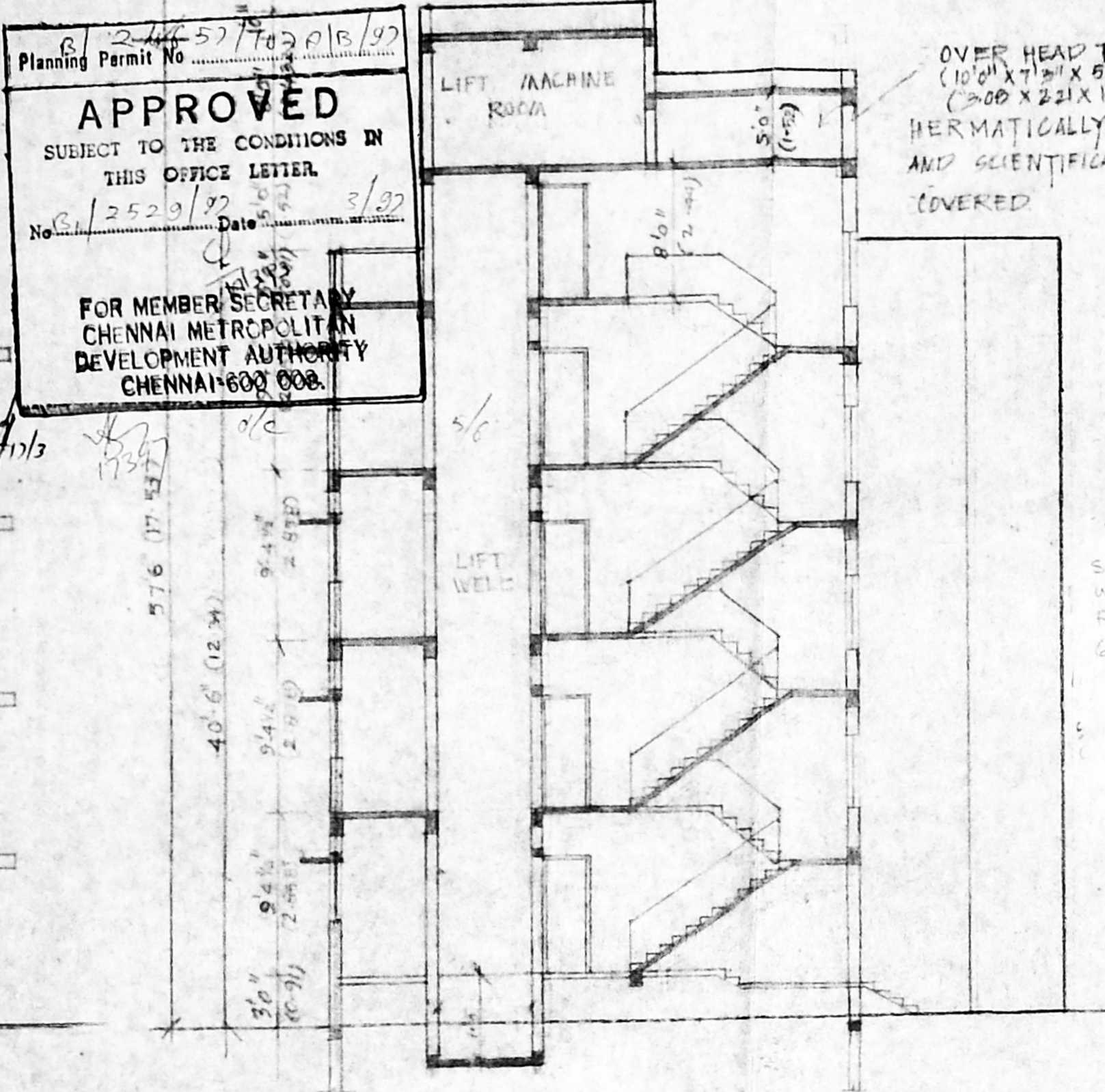
PROPOSED  
RESIDENTIAL  
BUILDING AT  
PLOT NO: 295  
RAMAKRISHNA  
NAGAR IN SNO.106/1  
VALASARAIKAM  
VILLAGE,  
SAIDAPET TALUK,  
LAYOUT SANCT-  
IONED L.P.DM/  
D.T.P. NO.1/67

CMDA (B)/PP No. 11  
C. No. B/2529/102  
Asst. \_\_\_\_\_  
Scrutiny P. A. 4/12  
3/297  
A.P. \_\_\_\_\_

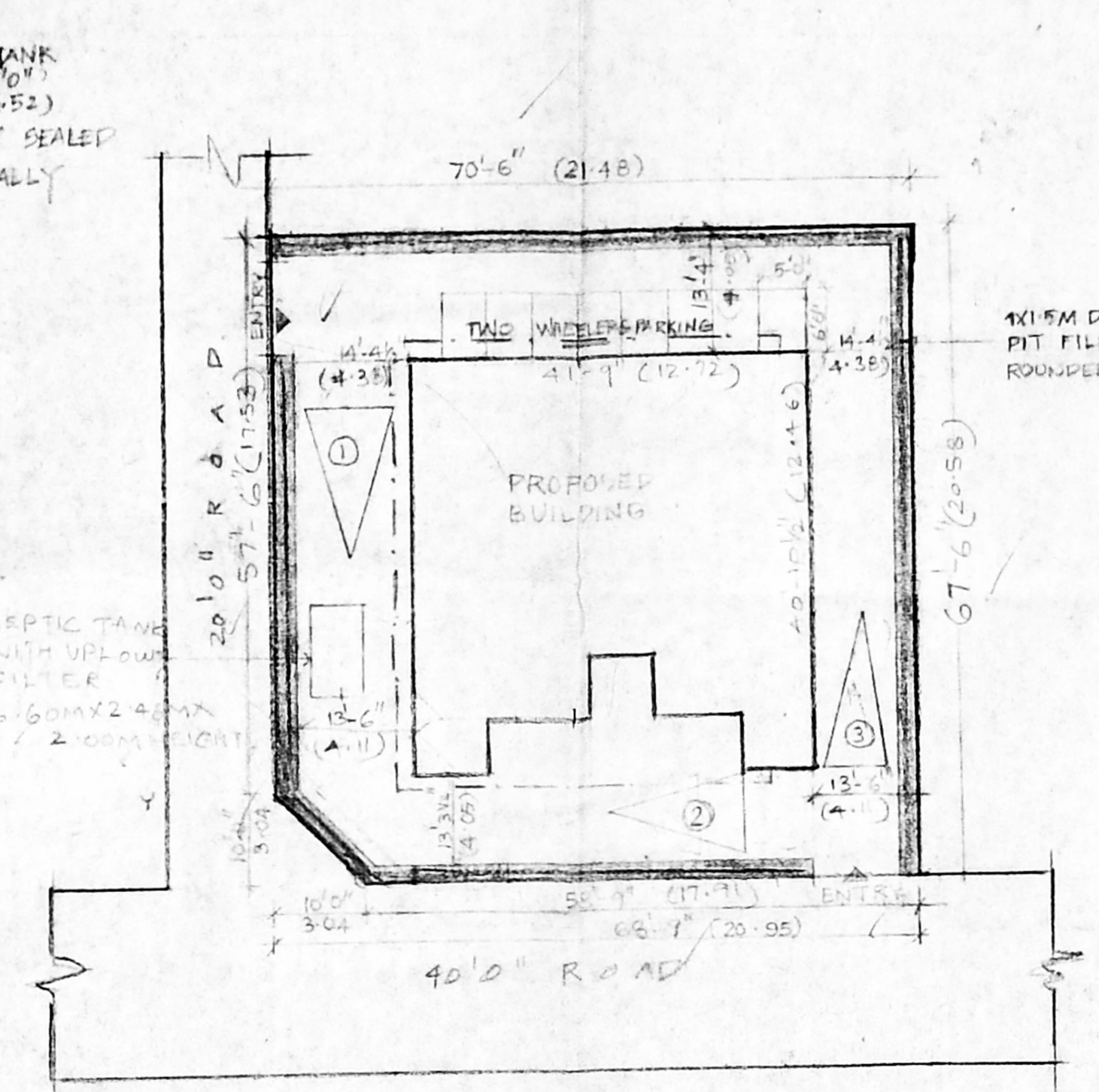
Planning Permit No. 57/422916/97  
**APPROVED**  
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
No. B/2529/102 Date 3/30  
FOR MEMBER SECRETARY  
CHENNAI METROPOLITAN  
DEVELOPMENT AUTHORITY  
CHENNAI-600 008.



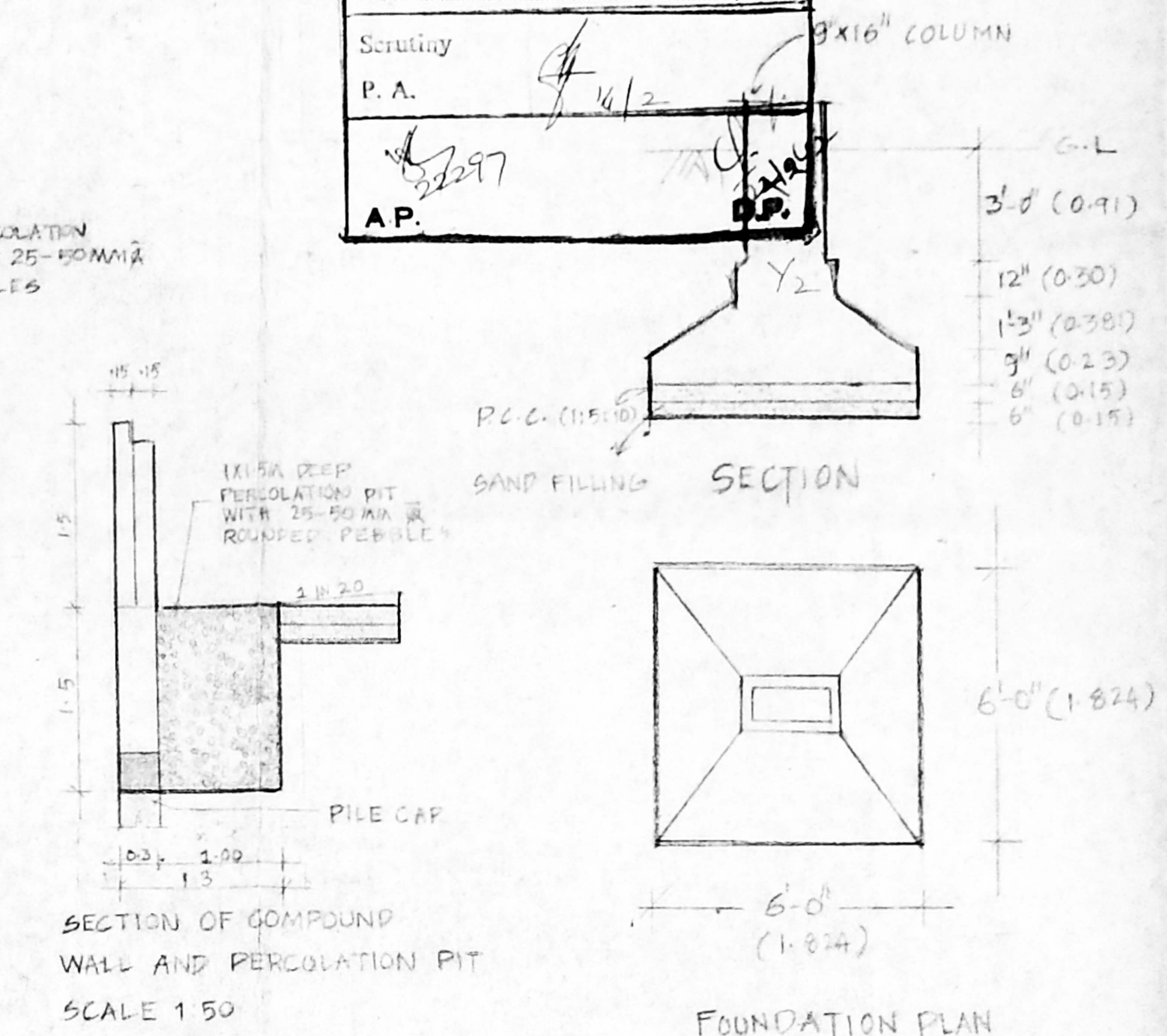
FRONT ELEVATION



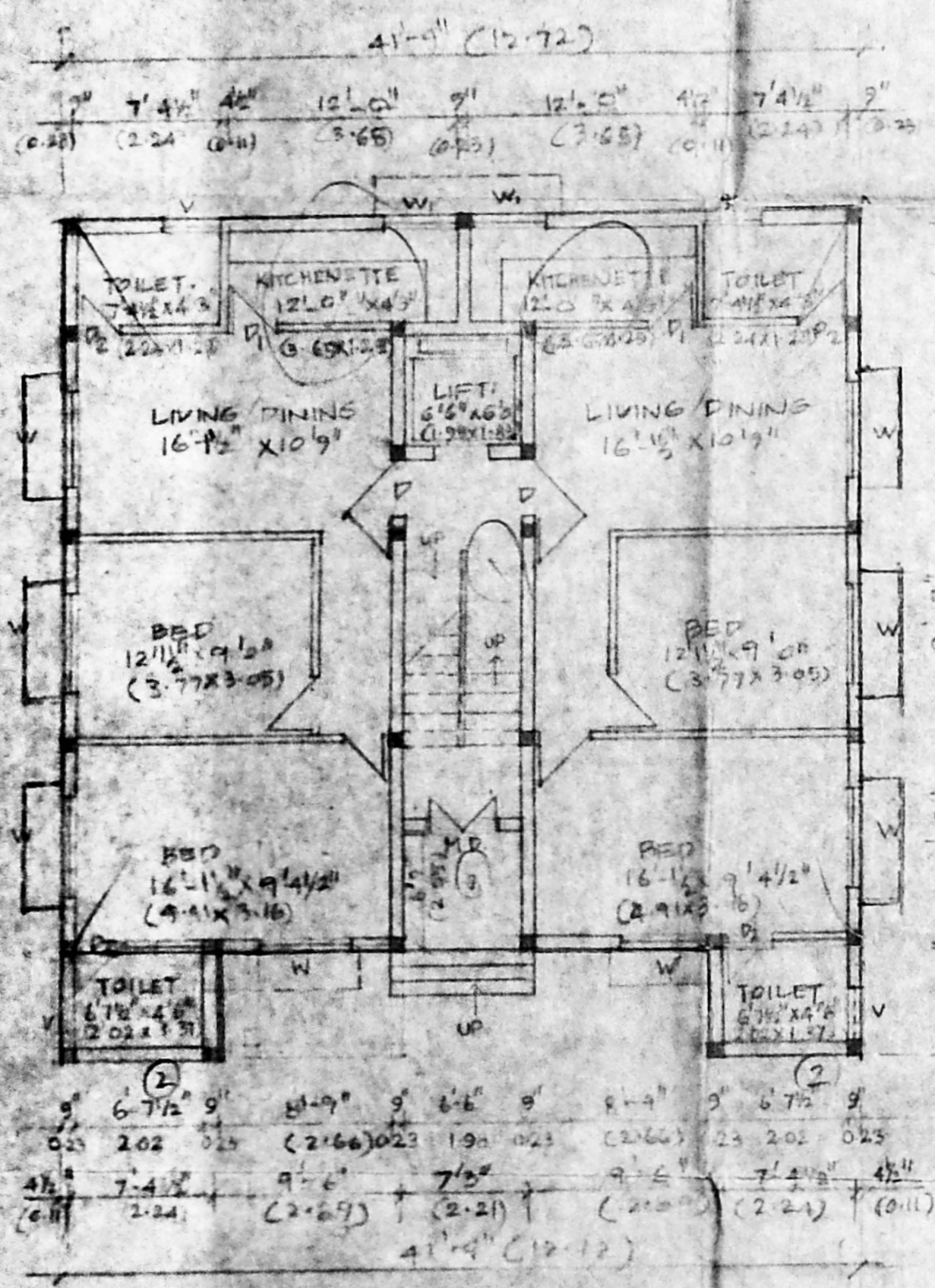
SECTION AA



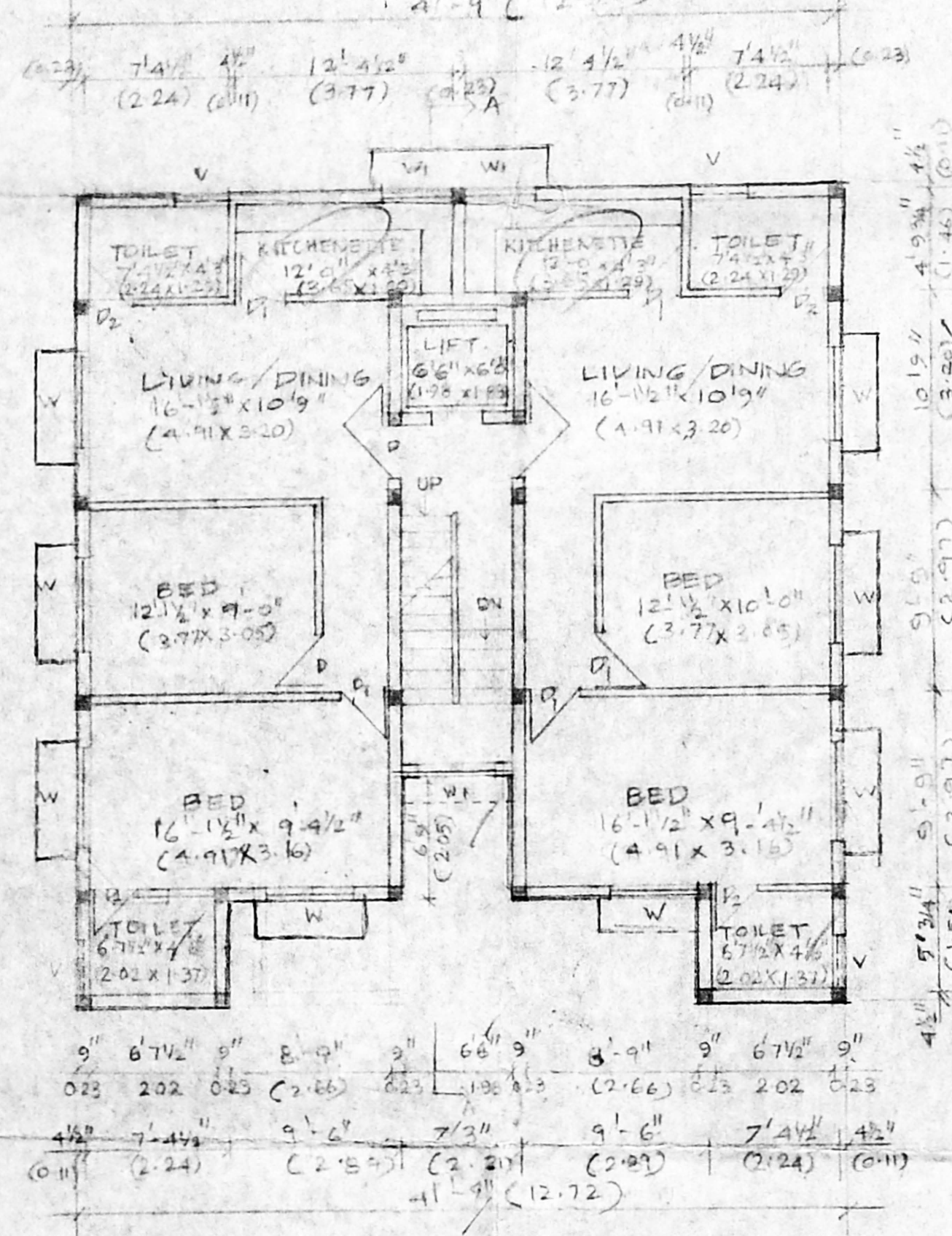
SITE PLAN  
SCALE 1"=50'



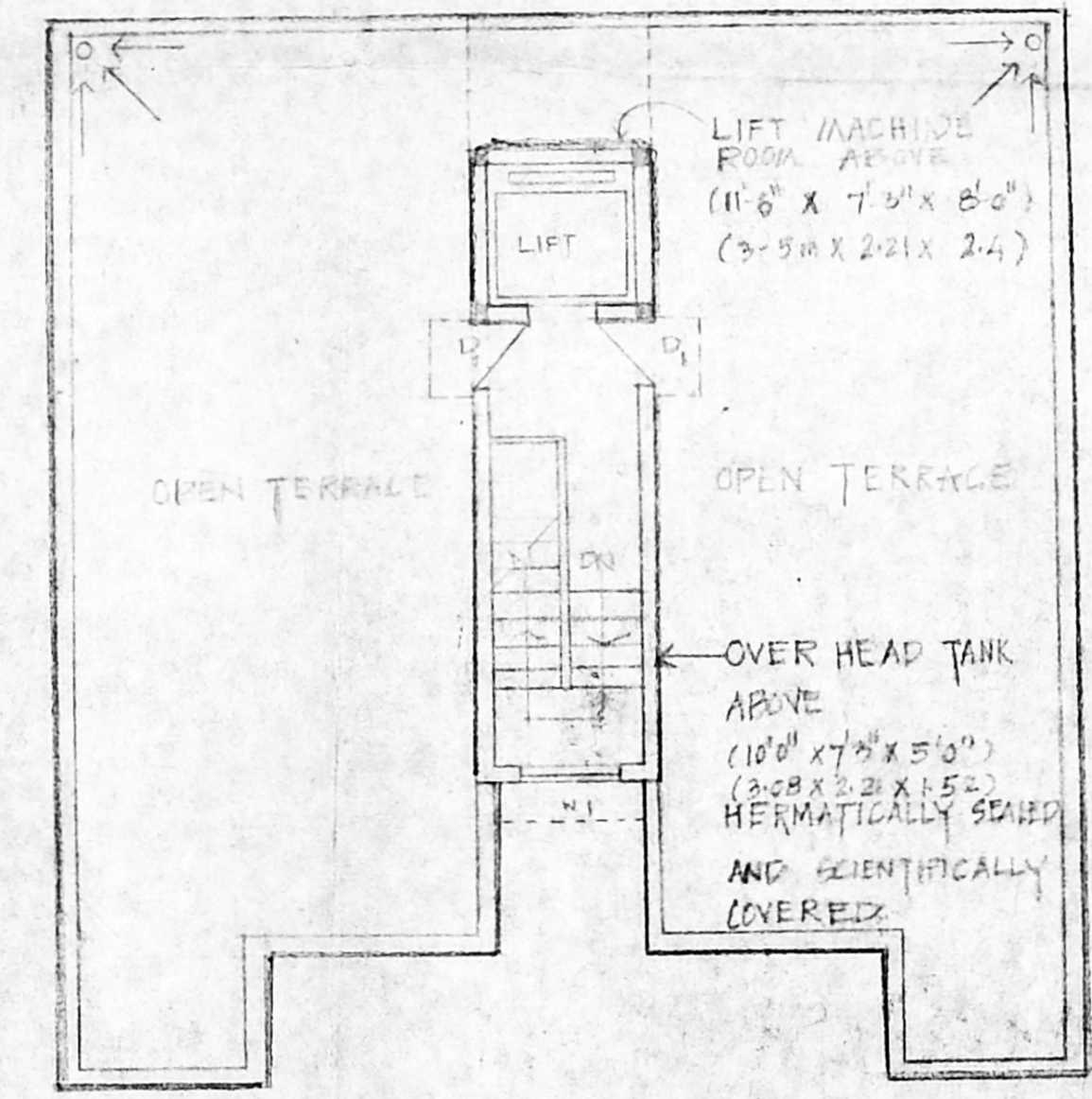
FOUNDATION PLAN



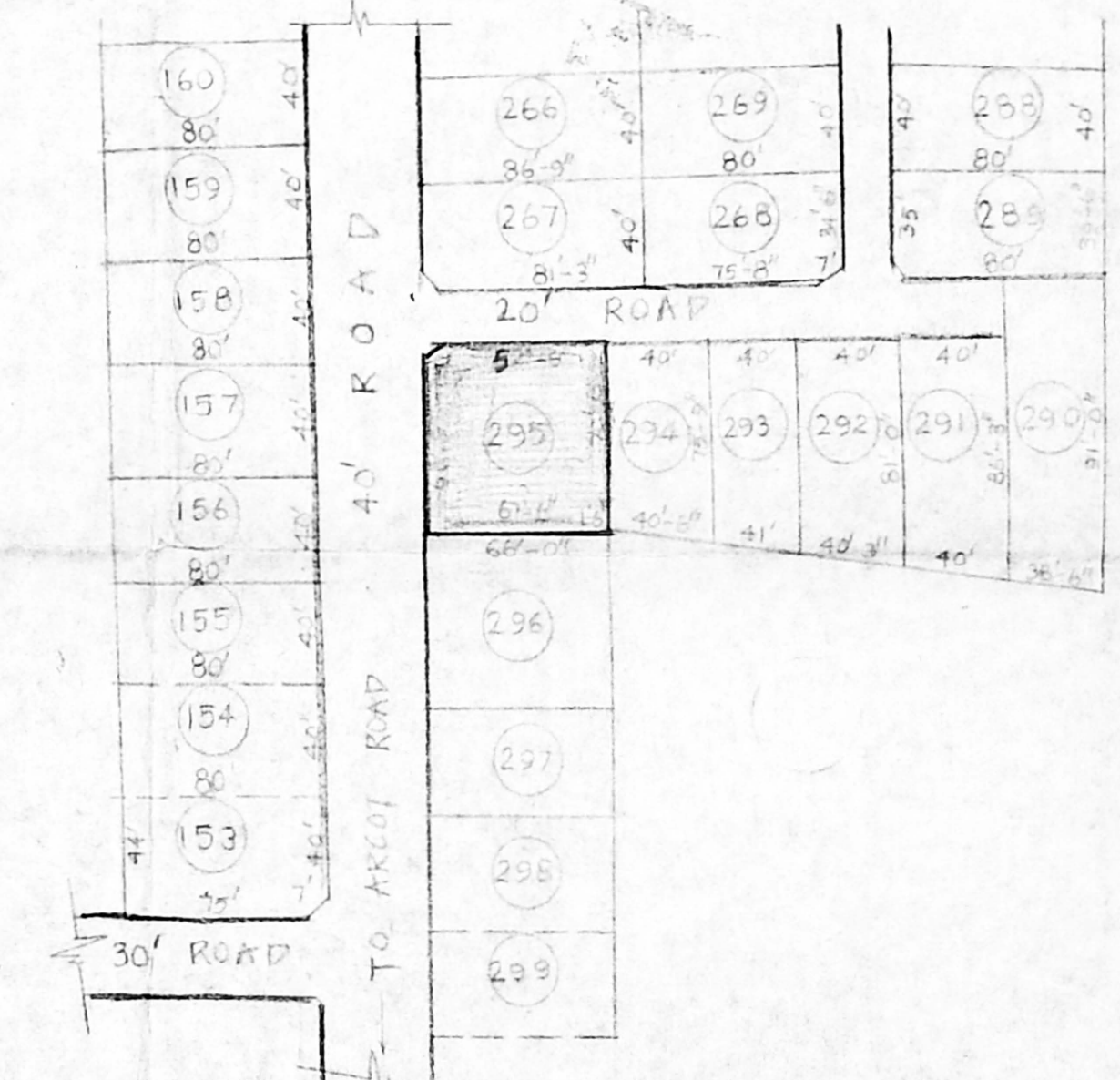
GROUND FLOOR PLAN.



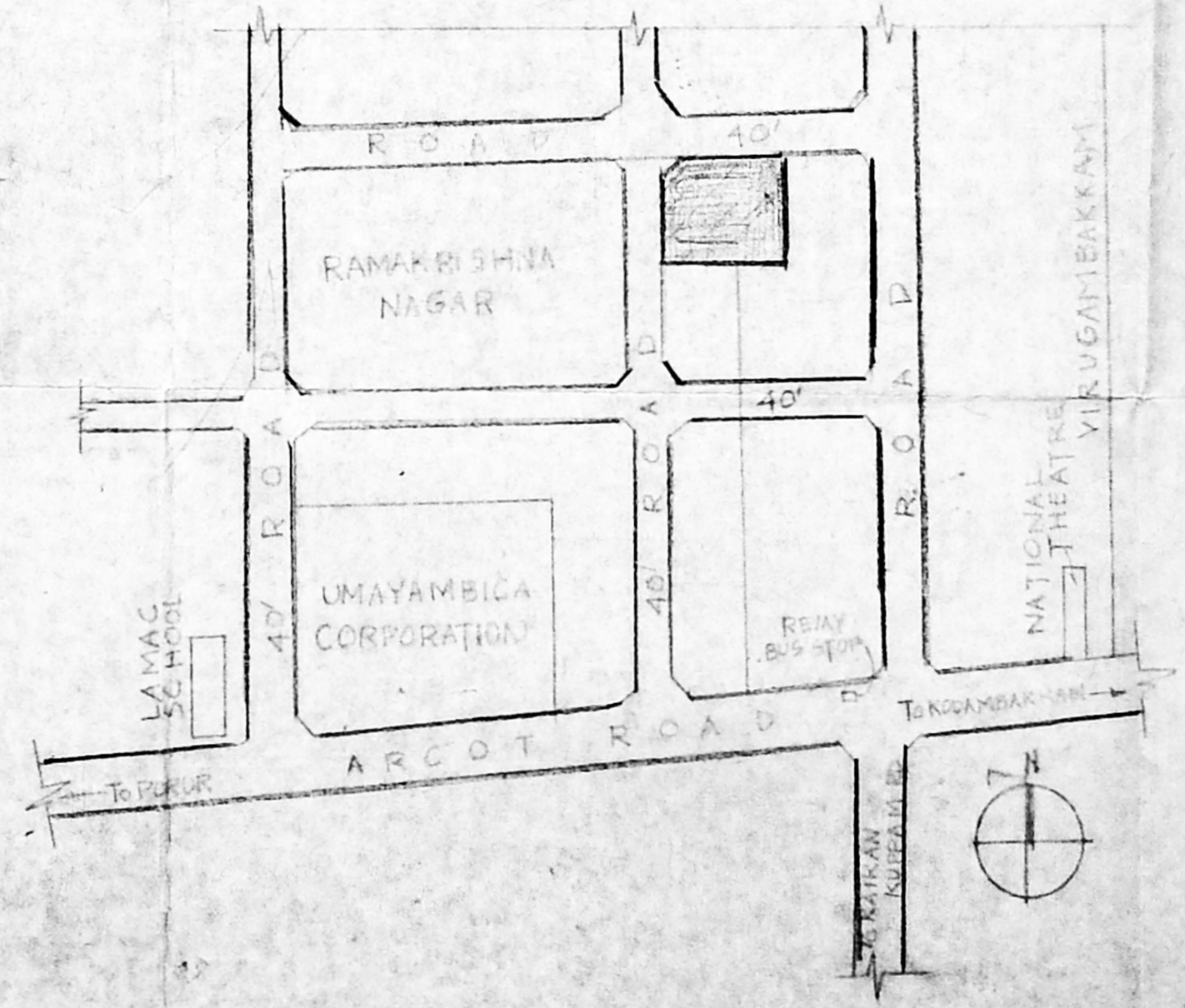
TYPICAL FIRST, SECOND AND THIRD FLOOR PLAN.



TERRACE FLOOR PLAN



LOCATION PLAN



KEY PLAN  
(NOT TO SCALE)

AREA STATEMENT	SQ. FT.	SQ. M.
TOTAL EXTENT OF PLOT	4670	434.01
GROUND FLOOR AREA	1789	166.26
TYPICAL FLOOR AREA (1731 x 3)	5133	482.62
TOTAL FLOOR AREA	6982	648.98
F.S.I. USED	1.492	
PLOT COVERAGE	38.30%	

SCHEDULE OF JOINERY		
M.D. T.W. PANELLED DOOR	4'0" x 7'0"	12 x 2-13
D. T.W. PANELLED DOOR	3'6" x 7'0"	1-05 x 2-13
D1 T.W. PANELLED DOOR	3'0" x 7'0"	91 x 2-13
D2 T.W. PANELLED DOOR	2'6" x 7'0"	76 x 2-13
W T.W. GLAZED WINDOW	6'0" x 4'0"	1-52 x 1-21
W1 T.W. GLAZED WINDOW	5'0" x 4'6"	1-52 x 1-37
V T.W. GLAZED VENTILATOR	3'0" x 2'0"	91 x 61

COLOUR CODE	
PROPOSED	
BOUNDARY	
ROAD	

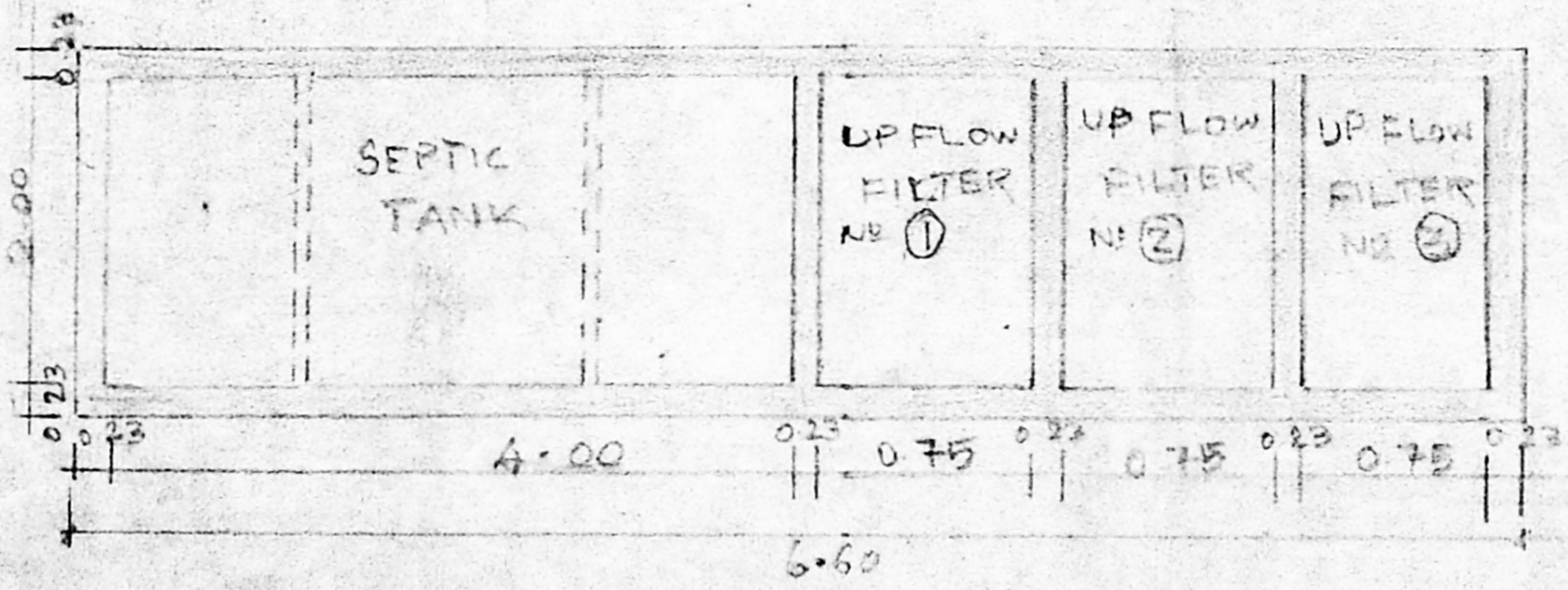
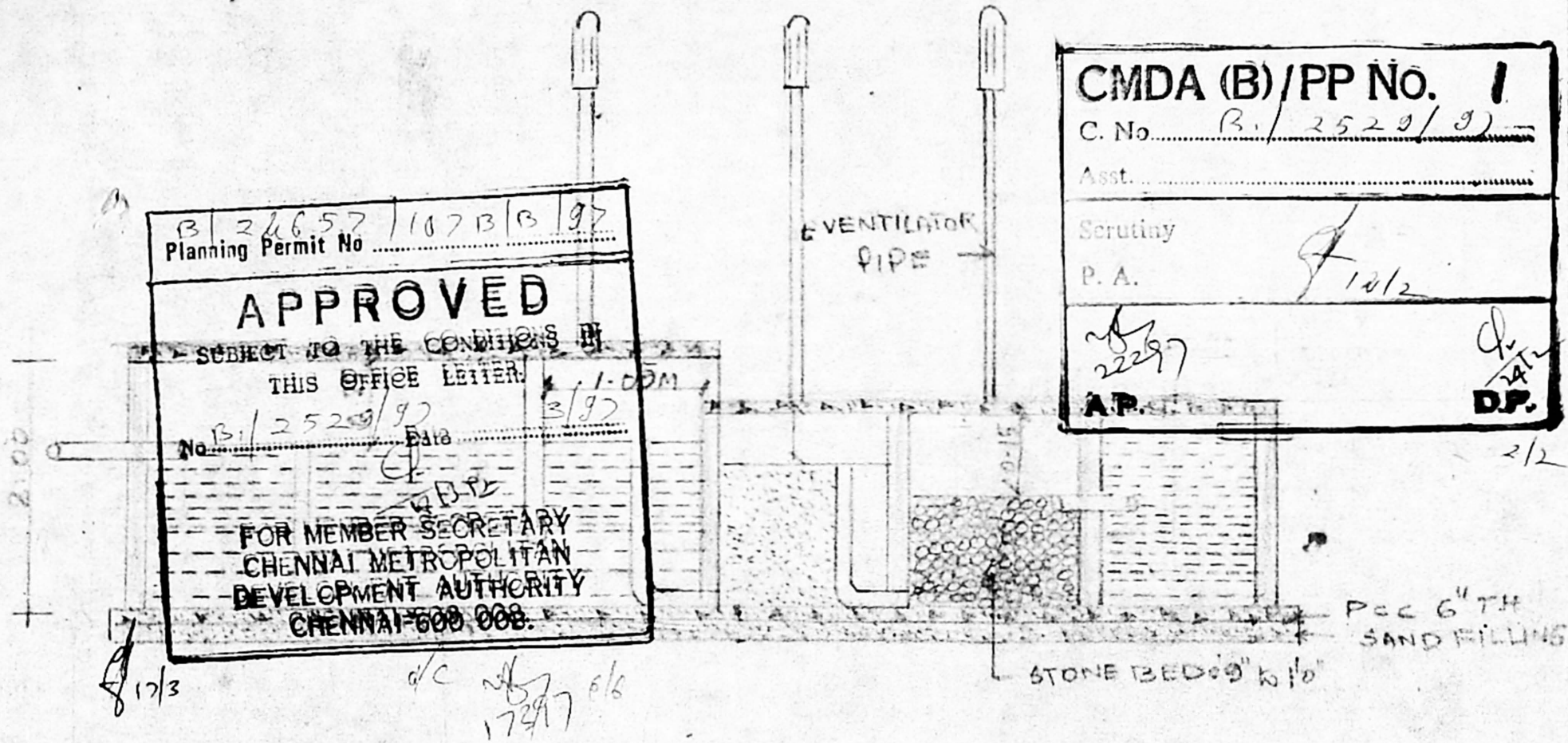
DRAWN: \_\_\_\_\_  
 CHD: \_\_\_\_\_  
 SCALE - 1"=100'  
 SHEET 1  
 DATE: \_\_\_\_\_

OWNER: *N. Swaminathan*

ARCHITECT: *Prasad N. Yadav*

PRASAD NYADAV / MARCH ATIA  
NO. 10 ASHOK ROAD  
ALWARPET  
MADRAS - 16  
PHONE: 499571

PLAN SHOWING THE PROPOSED RESIDENTIAL BUILDING AT  
 PLOT NO. 205, R.S NO 116/1 & 116/2 IN RAMAKRISHNA NAGAR, VALARAVAKKAM VILLAGE.  
 SAIDAPET TALUK, CHENNAI M.C.R. DISTRICT



DETAIL OF SEPTIC TANK


DESIGN OF SEPTIC TANK AND UP FLOW FILTERS

NO OF DWELLINGS = 8 NOS      NO OF USERS = 8 x 5 = 40 PERSONS  
 RATE OF WATER SUPPLY = 150 LPM/DAY  
 THEN FLOW OF SEWAGE = 40 x 150 = 6000 LITRES      DETENTION PERIOD = 13 HRS  
 $\therefore$  TANK CAPACITY =  $\frac{6000}{24} \times 13 = 3250$  LITRES  
 THE TANK IS TO BE CLEANED EVERY YEAR, SO SLUDGE STORAGE CAPACITY  
 AT THE RATE OF 15 LITRES PER PERSON PER YEAR = 40 x 15 = 600 LITRES  
 TOTAL TANK CAPACITY = 6000 + 600 = 6600 LITRES  
 WITH PROVISION FOR FUTURE EXPANSION, LET THE TOTAL TANK  
 CAPACITY BE 7500 LITRES OR 7.5 M<sup>3</sup>  
 PROVIDE TWO UNITS OF SEPTIC TANK, EACH HAVING A  
 CAPACITY OF 3.75 M<sup>3</sup>. DEPTH OF LIQUID IS 1.5 M  
 $\therefore$  PLAN AREA OF THE TANK = 7.5 / 1.5 = 5.0  
 THE RATIO OF LENGTH TO WIDTH OF TANK BE 2  
 LENGTH X BREADTH = 5.00 M<sup>2</sup>  
 BREADTH OF TANK =  $\sqrt{5.00/2} = 1.60$  M  
 LENGTH OF TANK = 1.60 x 2 = 3.20 M  
 FREE BOARD OF TANK = 0.25 M  
 TOTAL DEPTH OF TANK = 1.50 + 0.25 = 1.75 M  
 PROVIDE TWO SEPTIC TANK EACH OF THE SIZE IS  
 3.20 M x 1.75 M x 1.75 M

UP FLOW FILTERS

DISCHARGE FOR 250 PERSONS = 250 x 150 = 37500 LITRES.  
 VOLUME = 250 x 0.045 = 11.25 M<sup>3</sup>  
 DEPTH = 1.00 - 0.25 = 0.75  
 PLAN AREA REQUIRED = 11.25 / 0.75 = 15 M<sup>2</sup>  
 SIZE OF THE UP FLOW FILTERS = 1.50 x 1.20 x 1.00 M  
 UP FLOW FILTER NO 1 = 0.75 x 0.60 x 0.75  
 UP FLOW FILTER NO 2 = 0.75 x 0.60 x 0.75



OWNER:-  N. J. Nambur	ARCHITECT:-  
COLOUR INDEX PROPOSED -- <input type="checkbox"/>	PRASAD N. YADAV M. ARCH A.I.I.A NO. 10, ASHOK ROAD, ALWARPET MADRAS-18 PHONE. 4995741.