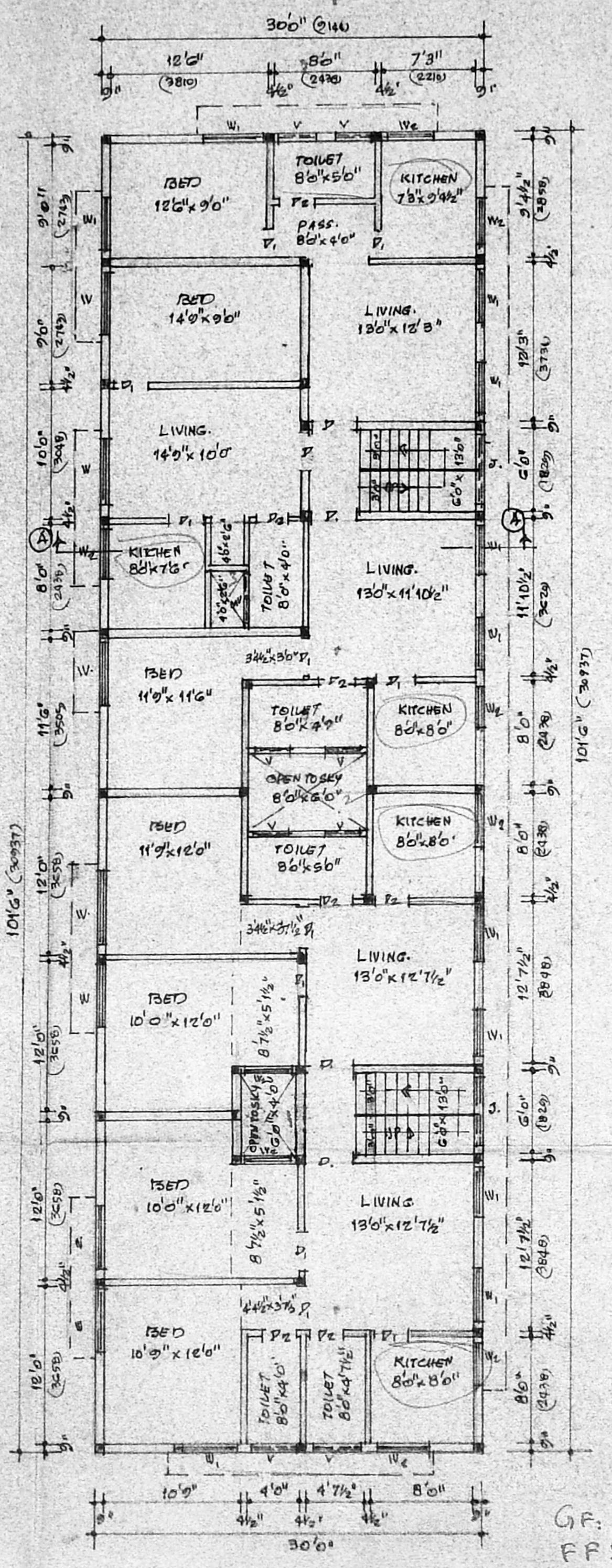
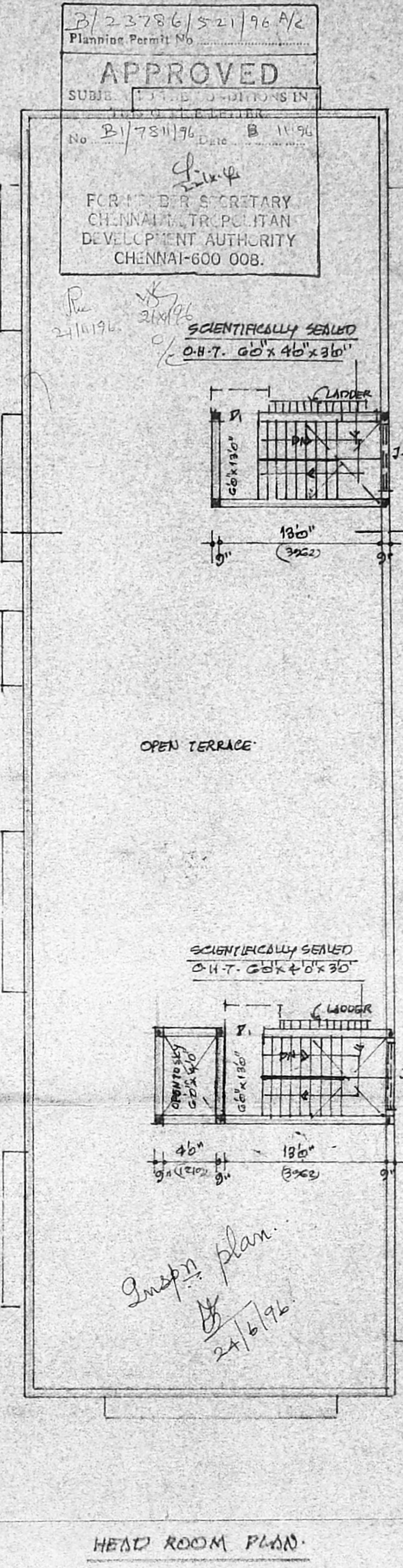


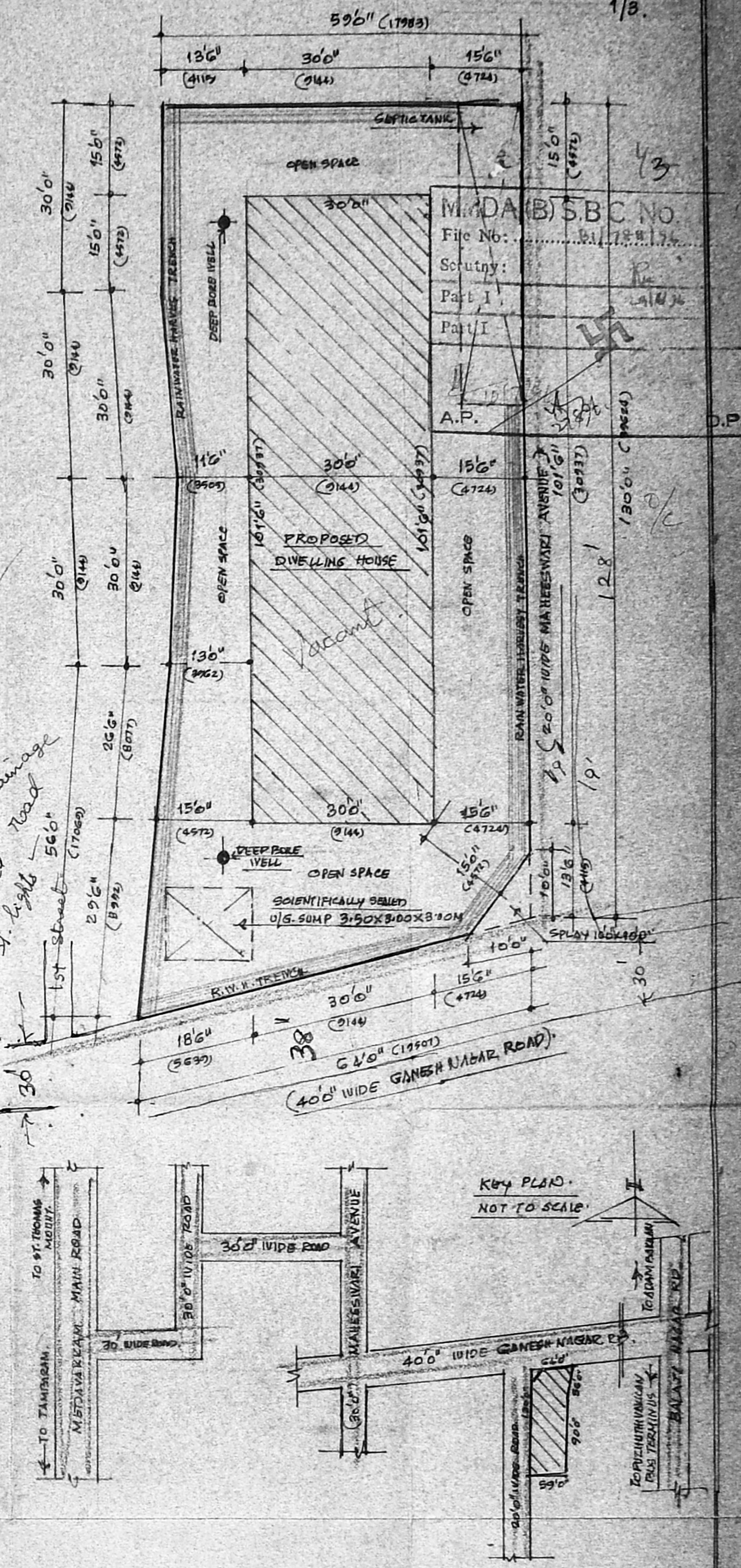
GROUND FLOOR PLAN.



TYPICAL TYPE OF FIRST, SECOND & THIRD FLOOR PLAN.



HEAD ROOM PLAN.



KEY PLAN. NOT TO SCALE.

SAND FILLING FOR FOUNDATION 229 MMTK
 NAME CENS. FOR FOUNDATION INC. C-114. 229 MMTK
 R.C.C. COLUMN FOUNDATION INC. C-112. 4. 66x66"
 R.C.C. COLUMN IN 2-2-12. 4. 0'0"x0'0"
 R.C.C. TIE & ROOF BEAM INC. C-2. 4. 0'0"x10'/0'0"x12"
 R.C.C. ROOF SLAB QUINTELA INC. C-2. 4. 115 MMTK
 R.C.C. SUN SHADE IN C-2. 2. 2. 4. 60MM THICK
 BRICK WORK IN CHAMBER MORTAR 1:5, 0'0"x0'0" THICK
 PLASTER WITH COLOUR MORTAR 1:4. 12MM THICK

D.	T. N. DOOR	3'8" x 7'0"	99.1 x 2134
V1	-DO-	3'8" x 7'0"	914 x 2134
V2	-DO-	2'6" x 7'6"	762 x 2134
V	T. W. WINDOW	8'6" x 5'6"	1676 x 1524
N.	-DO-	4'0" x 5'6"	1210 x 1524
W2	-DO-	3'6" x 5'6"	1087 x 1524
V.	VENTILATOR	3'0" x 2'0"	914 x 610
MV.	MECHANICAL VENTILATOR	3'0" x 2'0"	914 x 610
J.	JOLLY WORK.	0'0" x 9'0"	1924 x 1524

TOTAL PLOT AREA : 8179 Sqr (192.83M ²)		
FLOOR	SQ. FT.	SQ. M.
G. FLOOR	2,987	277.49
I FLOOR	2,987	277.49
II FLOOR	2,987	277.49
III FLOOR	2,987	277.49
HEAD ROOM.	218	20.25

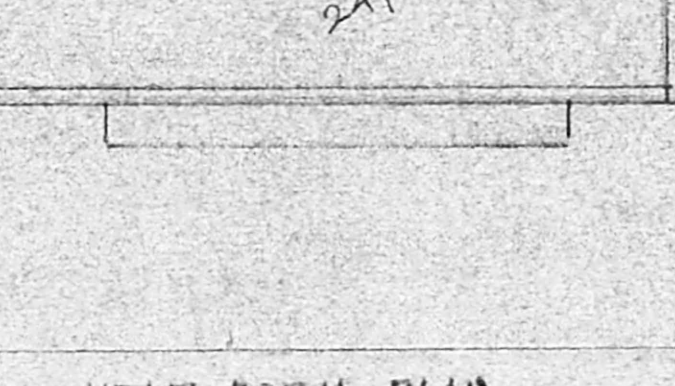
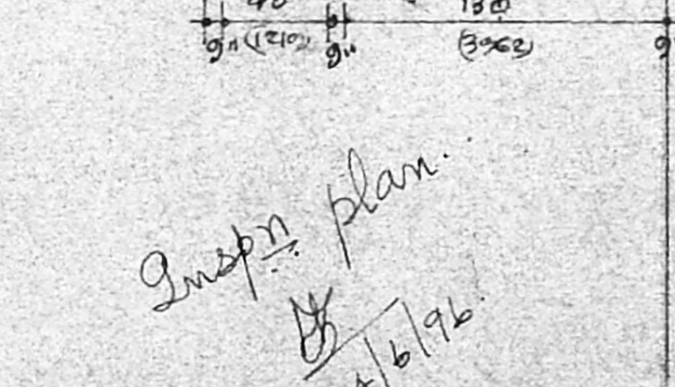
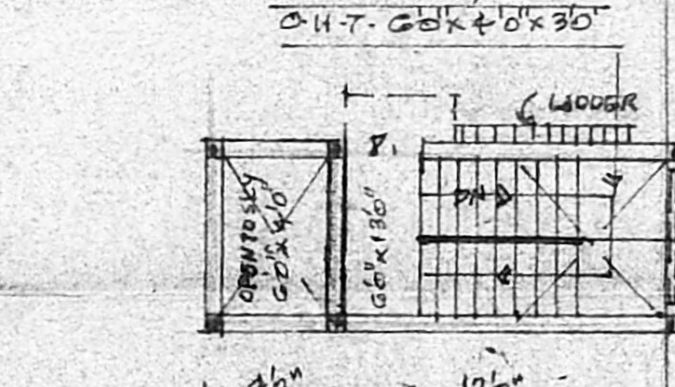
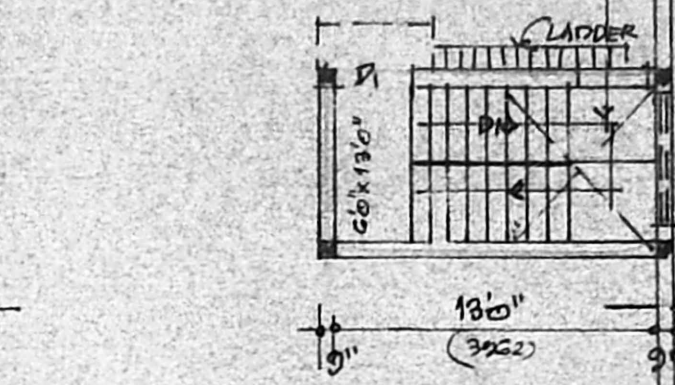
COVERAGES : 36.52%
 F.O.I : 1.46
 BUILDING H.E. : 40'0" (12.34M)
 PROPOSED WORK
 ROAD PORTION
 SITE BOUNDARY.

S. Durairam
 S. DURAIRAM
 B.E., A.M.I.E., M.A.S.T., I.T.E.
 Chartered Engineer & Structural Consultant
 Registered in Madras, Bangalore &
 Licenced Surveyor & Valuer in Madras.
 14, Sri Vinayak's Complex, Anna Salai, Chennai.
 Madras-600 016. Tel. No. 22003. Off: 826360.
 L. GURUBOYIC.

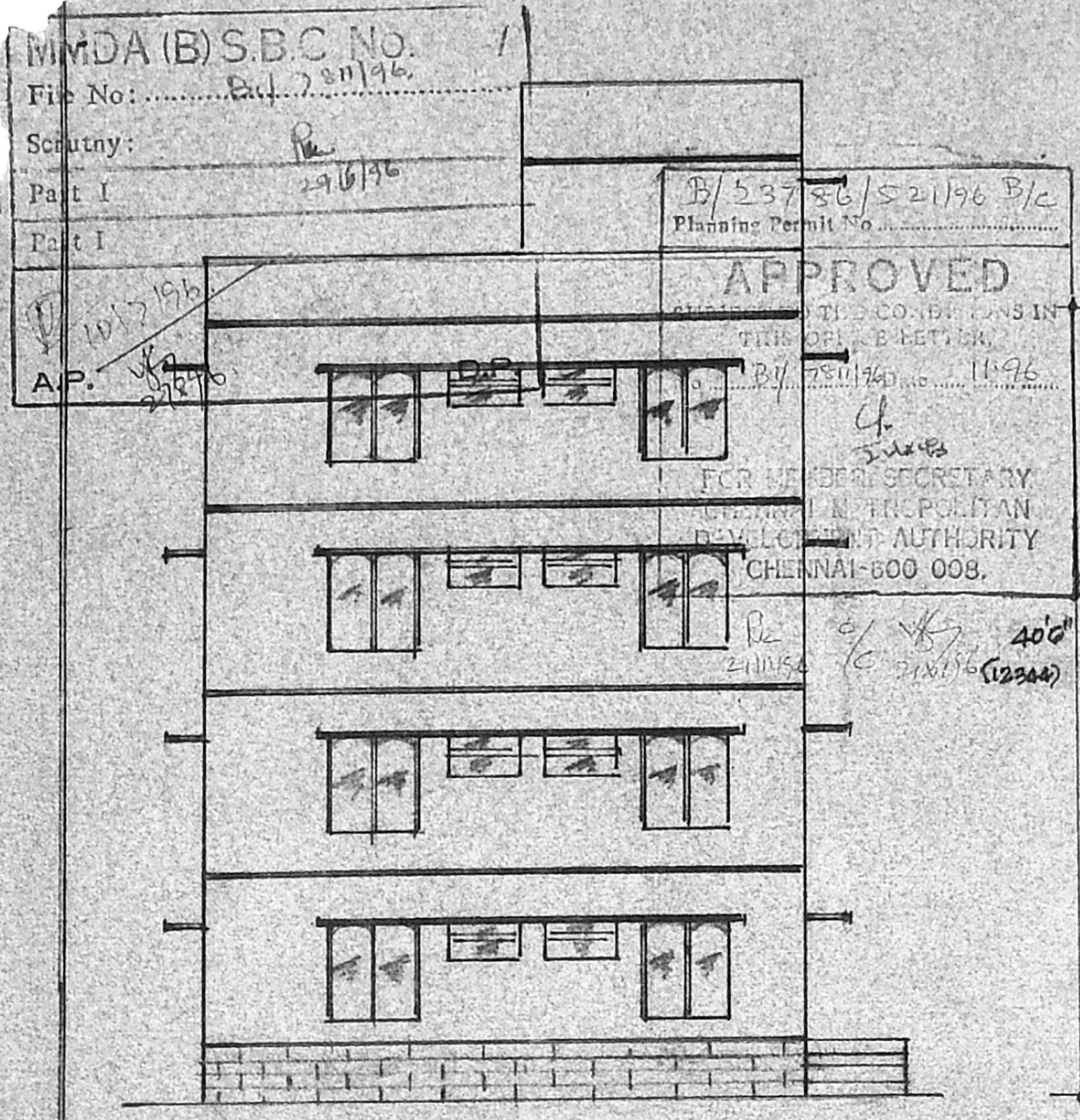
PLAN SHOWING THE PROPOSED DWELLING HOUSE (FLATS) AT PLOT Nos: 1, 2, 3, 4 & 5. S. NO: 14/1 PART NO: 23, MADURAI MADIPAKKAM VILLAGE - ULLAGARAM POZHUTHIVAKKAM TOWN PANCHAYAT, MADRAS.
 SCALE : 1" = 8'0" (1CM = 1M)
 APPROVED PLAN Lr. NO: A2/17815/2004b 21-1-91.

B/23786/521/96/A2
 Planning Permit No.
APPROVED
 SUBJ: ...
 No. B/7511/76 Date: 8/11/96
 FORMER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

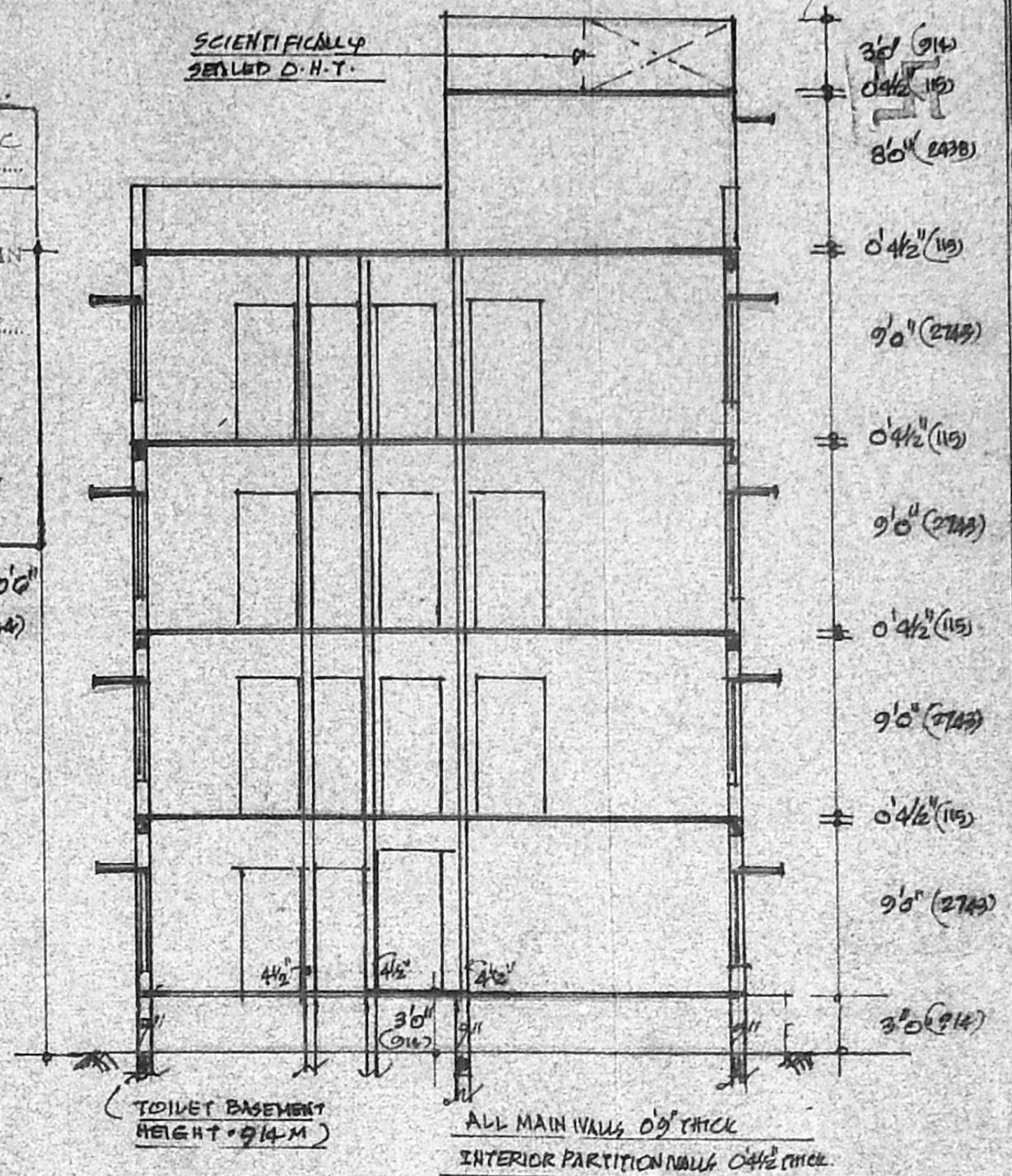
SCIENTIFICALLY SEALED
 O.H.T. 6'0" x 4'0" x 3'0"



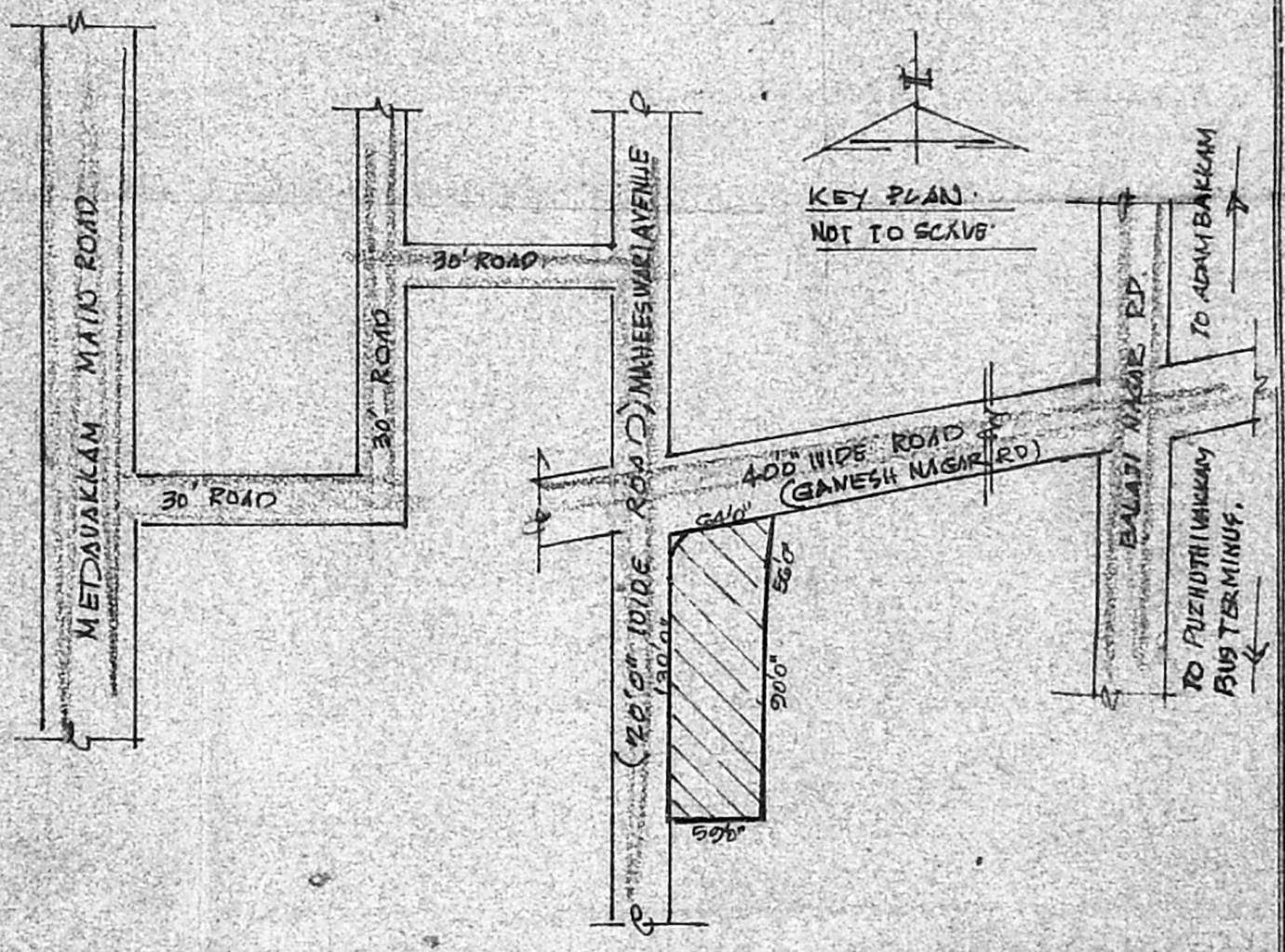
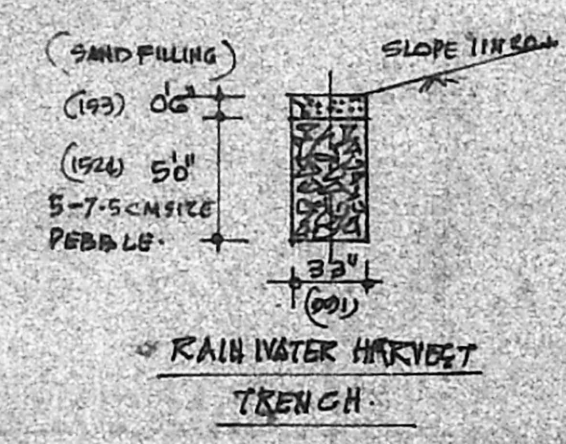
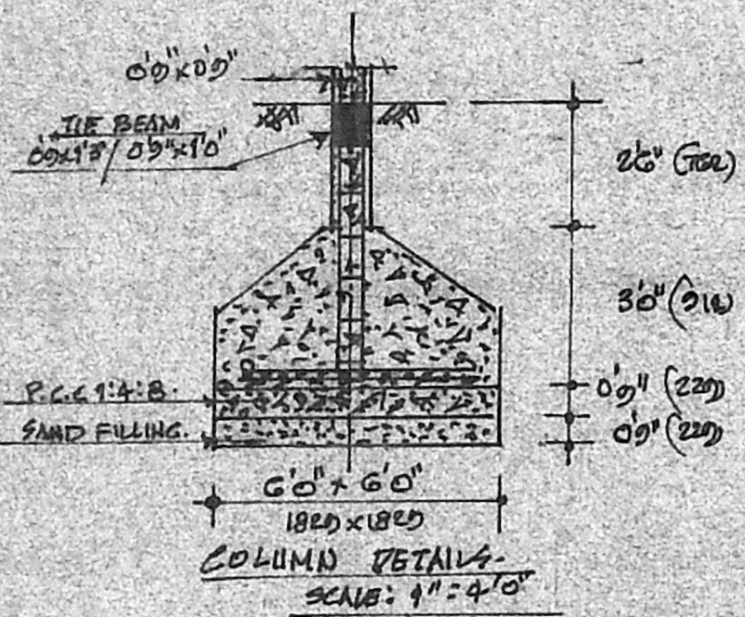
OWNER.
 (P.A.)



ELEVATION.

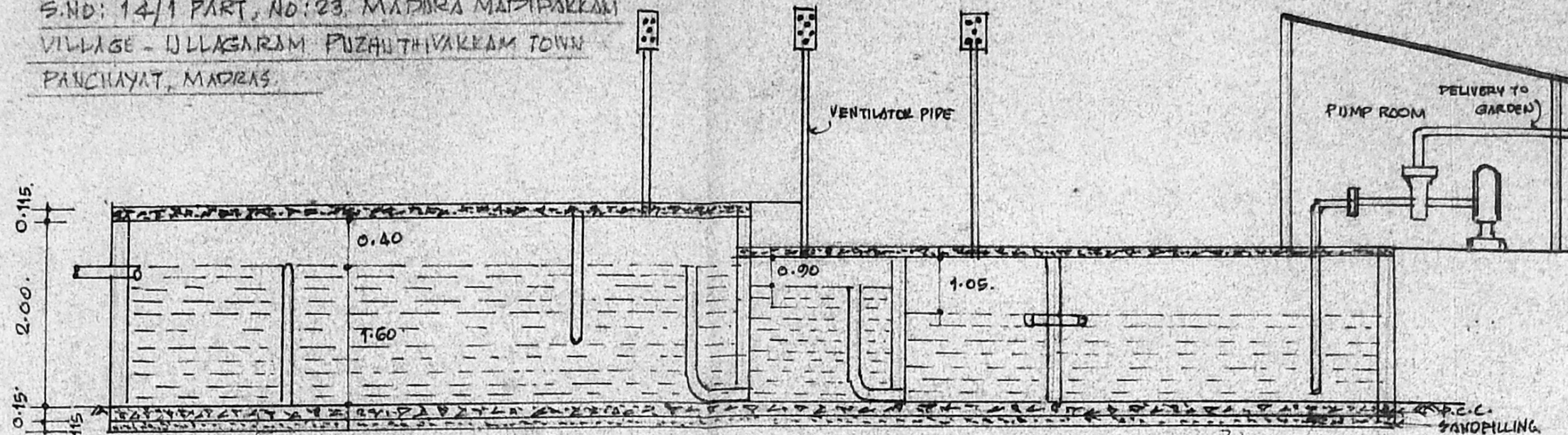


SECTION-AA'



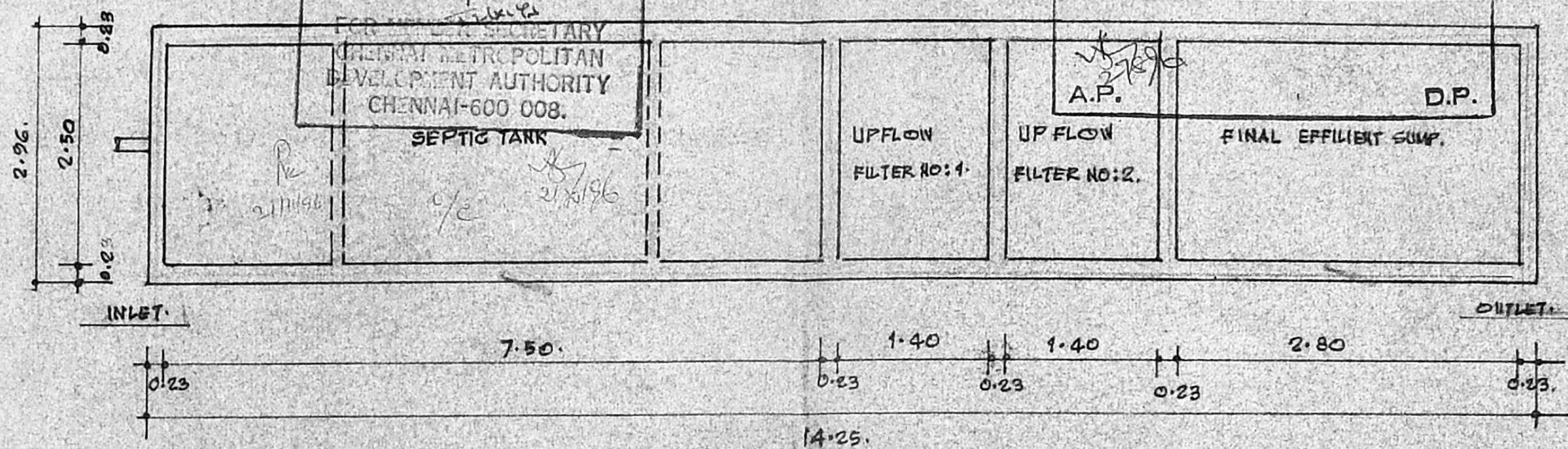
TOTAL PLOT AREA: 8179 SQFT (759.83M ²)	<p>S. Durandian S. DURANDIAN, E. ARCHITECTS & PLANNERS, 4B, S.I.V. ROAD, KANNIAR, CHENNAI-600 025. L. SURVEYOR.</p> <p>OWNER (PA)</p>	<p>PLAN SHOWING THE PROPOSED DWELLING HOUSE (FLATS) AT PLOT NOS 1,2,3,4 & 5. S.NO: 14/1 PART NO: 23 MADURA MADU- PAKKAM VILLAGE, ULLAGARAM-PUZHUTHI- VAKKAM TOWN PANCHAYAT, MADRAS. SCALE: 1" = 8'0" (1CM = 1M)</p>
<p>PROPOSED WORK</p> <p>ROAD PORTION</p> <p>SITE BOUNDARY.</p>		

PROPOSED DWELLING AT PLOT NO 1,2,3,4&5.
 S.NO: 14/1 PART, NO:23, MADRAS MADIRAKKAM
 VILLAGE - ULLAGARAM PUZHUTHIVAKKAM TOWN
 PANCHAYAT, MADRAS.



B/23786/5-21/96
 Planning Permit No.
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. B/17811/96 Date: 11.96
 FOR THE SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

MMDA (B) S.B.C. No. 1
 File No: B/17811/96
 Scrutny: R
 Part I 29/6/96
 Part I



S. Durai Pandian
S. DURAI PANDIAN,
 B.E., A.M.I.E., M.A.S.T.I., Arch.,
 Chartered Engineer, Municipal Consultant I,
 Registered in the State of Madras &
 Licenced in the State of Madras.
 14, Sri Vinayak Kuppak Garden Colony Extn.,
 Madras-600 010. Ph. No. 2378623, 237862340.

(P.A.)
 OWNER

L. SURVEYOR.

DETAILS OF SEPTIC TANK.
 SCALE : 1:50.
 ALL DIMENSIONS IN METRE.

o/c 3/3.

DESIGN OF SEPTIC TANK
 TWO UP FLOW FILTERS.

NO. OF DWELLINGS : 20.
 NO. OF USERS. (20x5) : 100.
 RATE OF WATER SUPPLY : 150 lth/day
 FLOW OF SEWAGE PER DAY : 1800 lth.

DETENTION : 18 hrs.
 TANK CAPACITY $(\frac{1500 \times 18}{24})$: 11250 lth.

THE TANK WILL BE CLEANED EVERY YEAR, SO
 SLUDGE STORAGE CAPACITY AT THE RATE
 OF 15 LBS FOR PERSON PER YEAR.
 $100 \times 15 = 1500$
 $11250 + 1500 = 12750$ lth.

WITH PROVISION FOR FUTURE EXPANSION
 LET THE TOTAL TANK CAPACITY BE 3 M³

SEPTIC TANK TO A CAPACITY OF : 30 M³
 DEPTH OF FLUID AS : 1.60 M
 PLAN AREA OF THE TANK $30/1.60 = 19$ M²
 THE RATIO OF L:B = 3:1,
 BREADTH 'B' = $\sqrt{19/3} = 2.50$ M
 'L' = $3 \times 2.50 = 7.50$ M.
 FREE BOARD OF THE TANK = 0.40 M
 TOTAL DEPTH OF THE TANK = 1.60 + 0.4 = 2.00 M

SEPTIC TANK EACH OF THE SIZE
 7.50 x 2.50 x 2.00 M.

UP FLOW DETAILS.
 DISCHARGE FOR 500 PERSONS : 75000 LBS
 VOLUME : $500 \times 0.45 = 22.50$ M³
 DEPTH : 1:10 - 0.30 = 0.80 M.
 PLAN AREA REQUIRED : $22.50/0.8 = 28.4$ M²
 SIZE OF FINAL EFFECTIVE SUMP : 2.8 x 1.4 x 1.75
 UP FLOW FILTER NO: 1. : 1.4 x 0.7 x 0.8
 UP FLOW FILTER NO: 2. : 1.4 x 0.7 x 0.8

PLAN SHOWING THE DETAILS OF SEPTIC
 TANK. SCALE : 1 CM = 0.5 M.