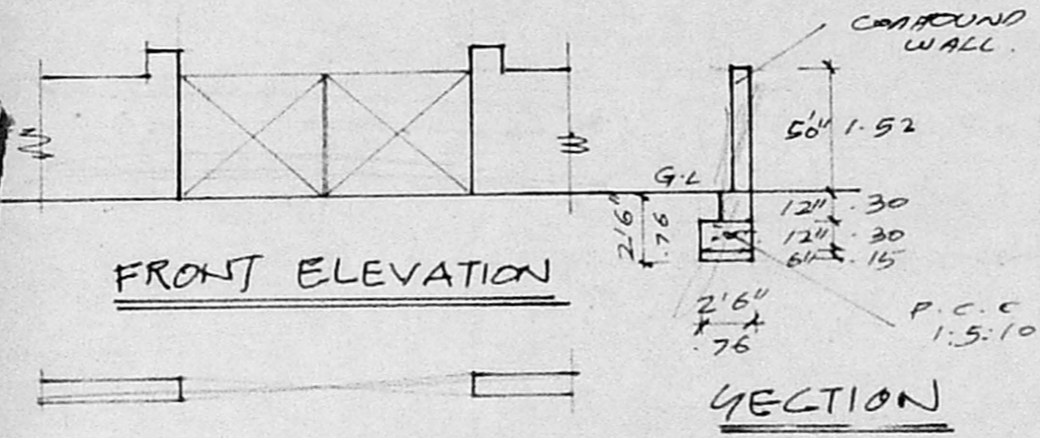
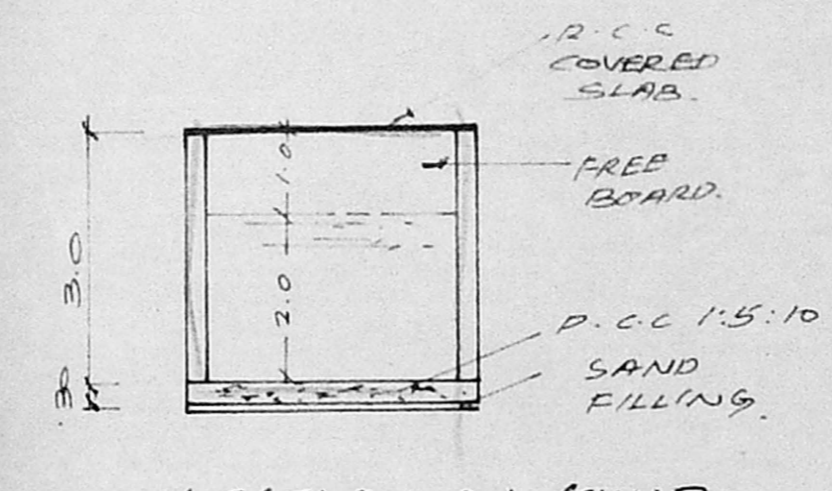


(SCALE 1:300)  
SITE PLAN

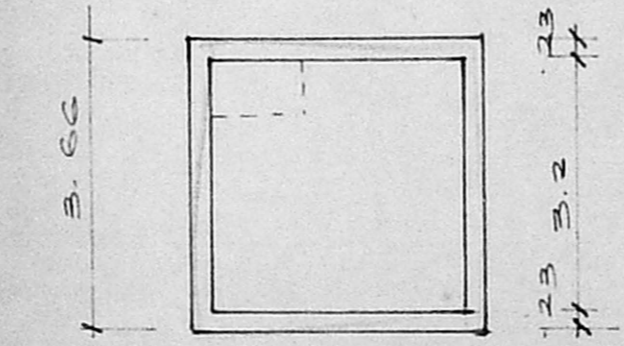
B/S&C. bldg/18/2000 a/c  
Planning Permit No. 2000 a/c  
**APPROVED**  
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
B/13469/99 Date: 2/2/2000  
PROPOSED SUMA  
MEMBER SECRETARY  
CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
CHENNAI-600 008.



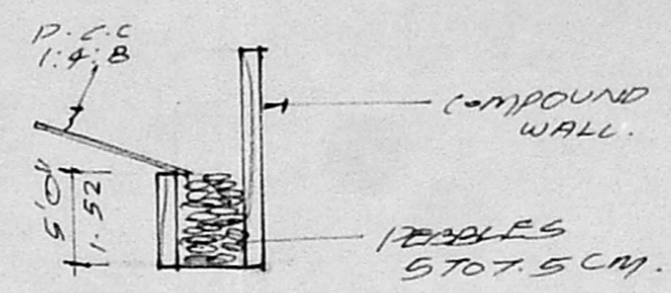
FRONT ELEVATION  
SECTION



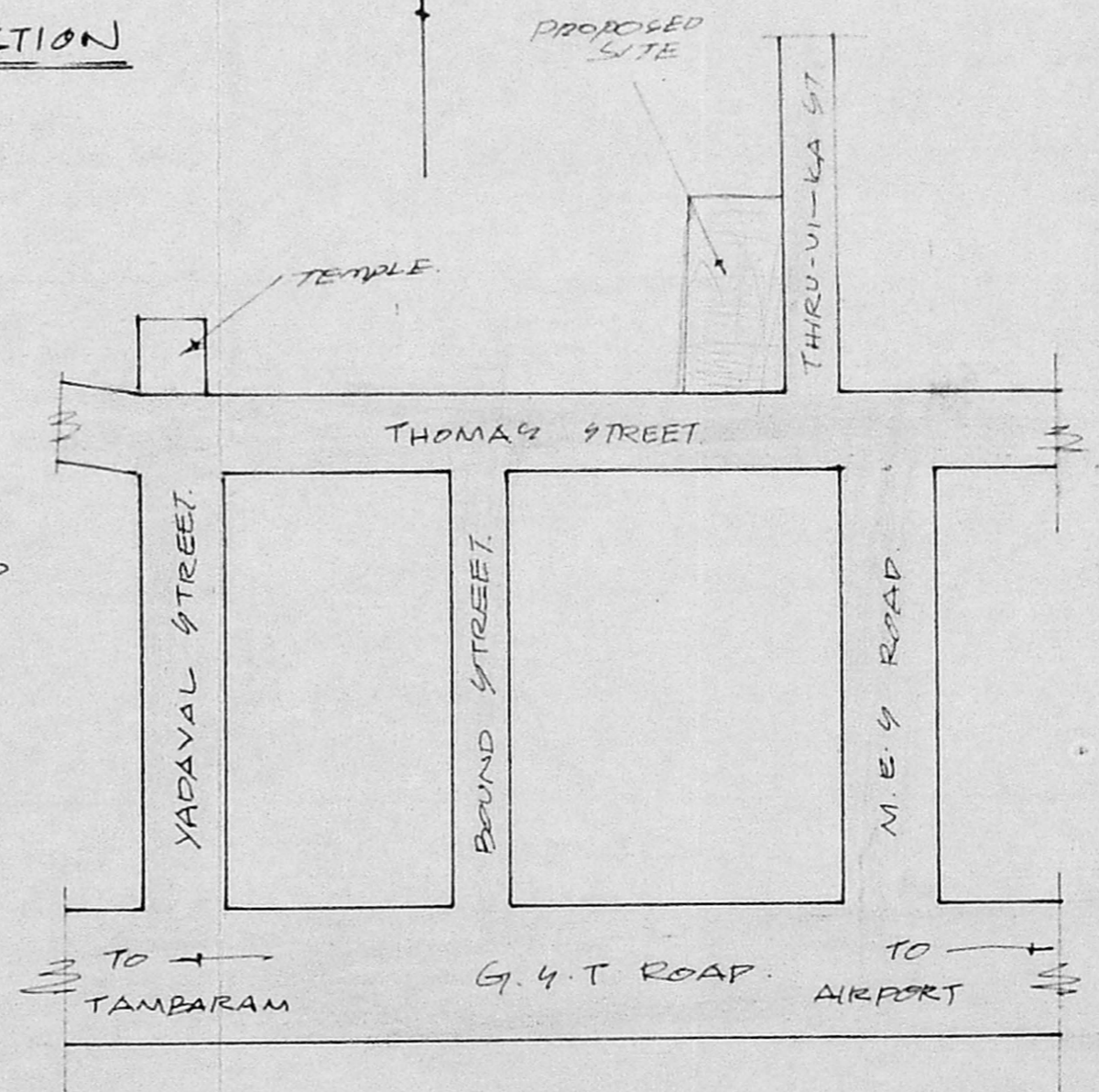
SECTION ON GUMP



PLAN ON GUMP



RAINWATER PERCOLATION



KEY PLAN  
NOT TO SCALE

SCHEDULE OF JOINERIES.

D	DOOR	3'0" x 7'0"	1
D1	DOOR	3'0" x 7'0"	1
D2	DOOR	2'6" x 7'0"	1
W	WINDOW	5'0" x 4'6"	1
W1	WINDOW	4'0" x 4'2"	1
W2	WINDOW	3'0" x 4'6"	1
V	VENTILATOR	3'x2'	1

COLOUR INDEX:  
PROPOSED...  
ROAD/STREET...  
BOUNDARY...

AREA STATEMENT:  
PLOT EXTENT: 13339.69 SFT.  
GROUND FLOOR: 6433.29 SFT.  
FIRST FLOOR: 6650.79 SFT.  
SECOND FLOOR: 6650.79 SFT.  
TOTAL BUILT UP AREA: 19734.84 SFT.  
PLOT COVERAGE 50%  
R. S. I 1.48.

PLAN SHOWING THE PROPOSED CONSTRUCTION OF THE DWELLING AT PLOT NO 1 THOMAS STREET. TAMBARAM QUARTERS, CHENNAI. KADAPERI VILLAGE.  
G. No 133/2A & 133/2B, 133/3 PT.  
SCALE 1:300

OWNER  
S. S. S.

LICENCED SURVEYOR.  
K. NARASIMHAN, RE.  
CLASS - I  
Licensed Surveyor No. 344  
Corporation of Madras  
Consulting Engineer  
9 R. R. Puri Street  
Chennai-600 008

**SCHEDULE OF JOINERIES**

D	DOOR	3'6" x 7'6"	10 x 12-13
D1	DOOR	3'6" x 7'6"	10 x 12-13
D2	DOOR	3'6" x 7'6"	10 x 12-13
W	WINDOW	5'0" x 4'8"	10 x 12-13
W1	WINDOW	4'0" x 4'8"	10 x 12-13
W2	WINDOW	3'0" x 4'8"	10 x 12-13
V	VENTILATOR	3'0" x 2'0"	9 x 10

**COLOUR INDEX:**

PROPOSAL

ROAD/STREET

BOUNDARY/GATE

**AREA STATEMENT:**

PLOT EXTENT: 13339.69 SFT  
1239.75 M<sup>2</sup>

GROUND FLOOR: 6433.29 SFT 597.89 M<sup>2</sup>

FIRST FLOOR: 6650.79 SFT 618.10 M<sup>2</sup>

SECOND FLOOR: 6650.79 SFT 618.10 M<sup>2</sup>

TOTAL BUILT UP AREA: 19734.87 SFT  
1835.09 M<sup>2</sup>

PLOT COVERAGE: 50%

F.S.I 1.48

PLAN SHOWING THE PROPOSED CONSTRUCTION OF THE DWELLING AT PLOT No 1 THOMAS STREET, TAMBARAM SANATORIUM, CHENNAI. KADAPERI VILLAGE. G. No 133/2A, & 133/2B, 133/3 PART.

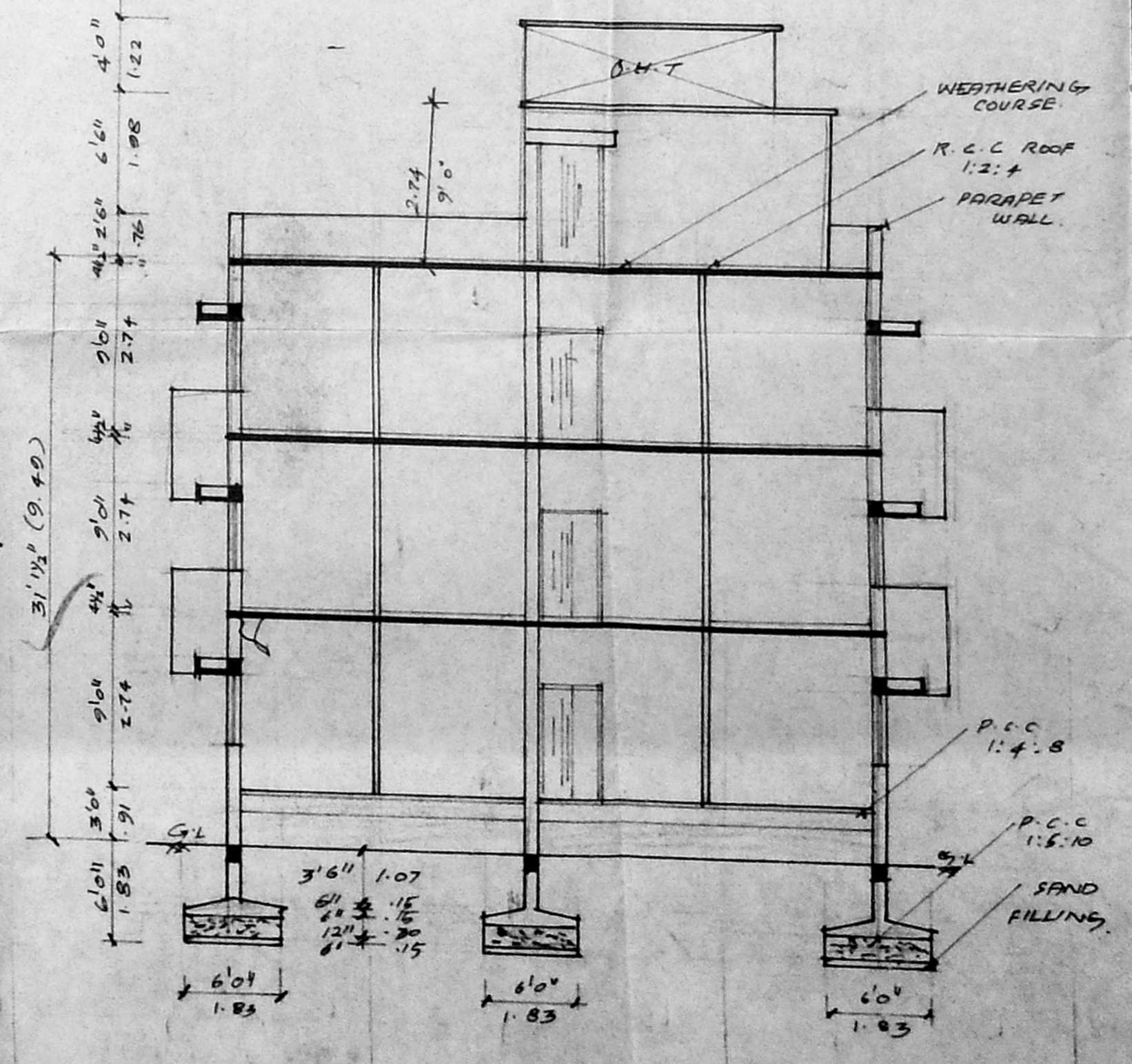
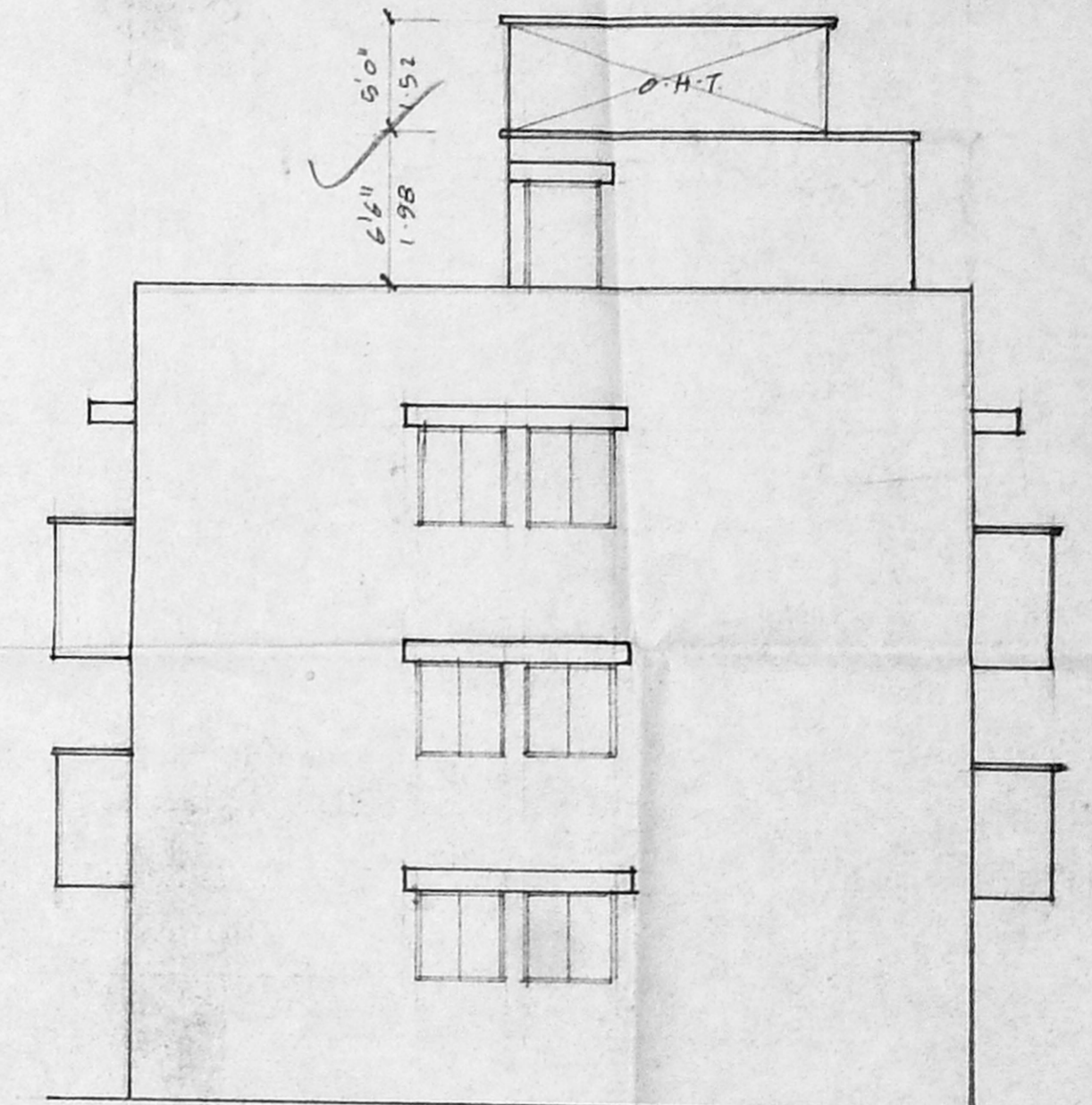
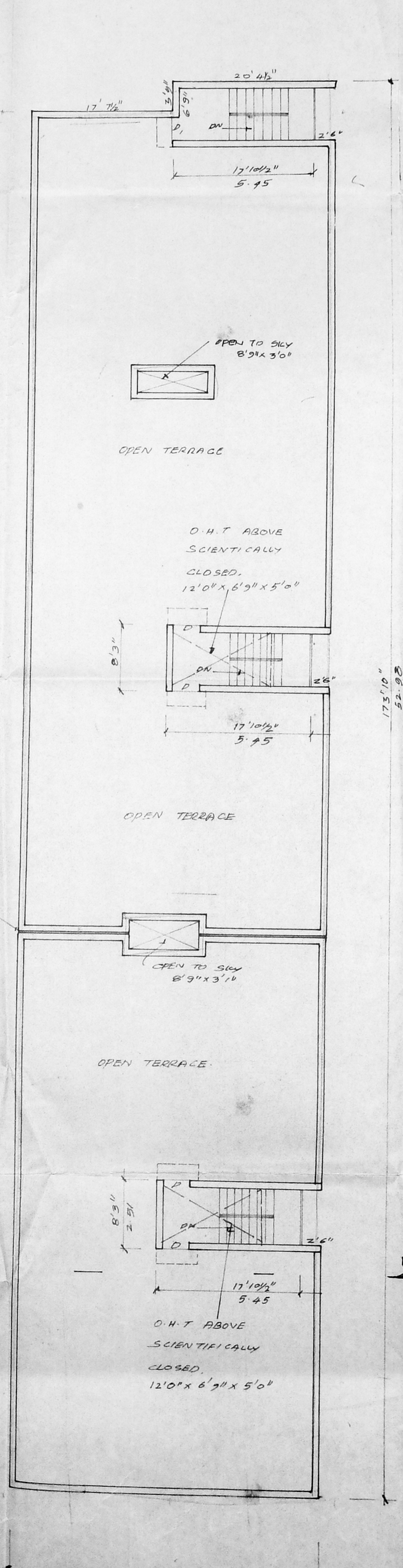
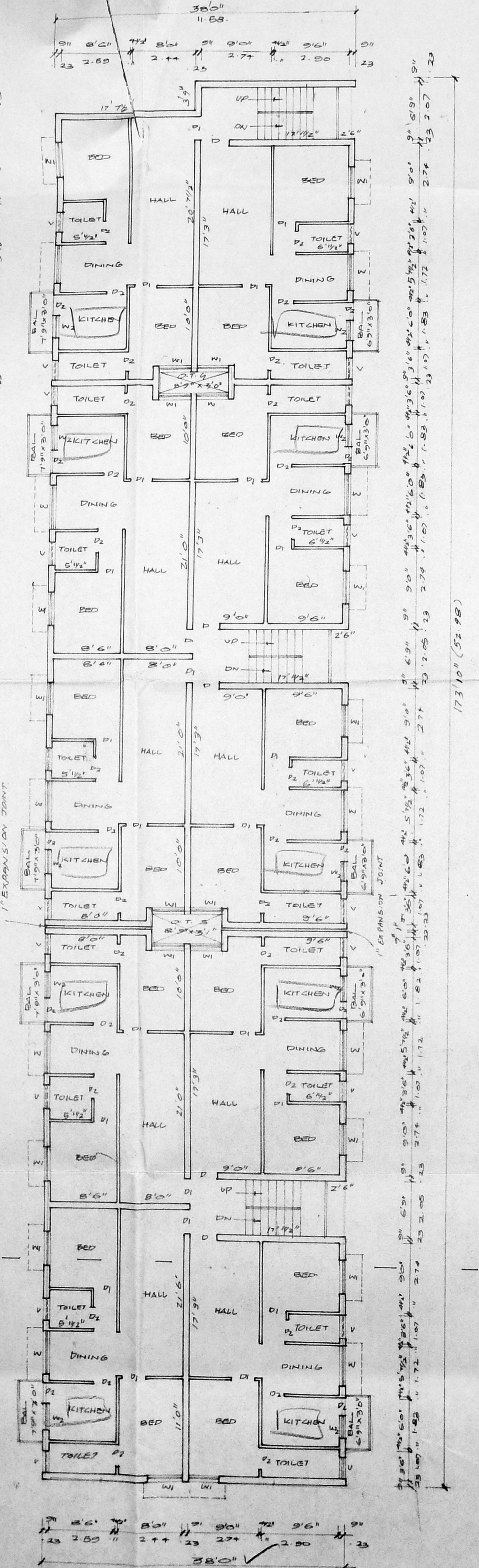
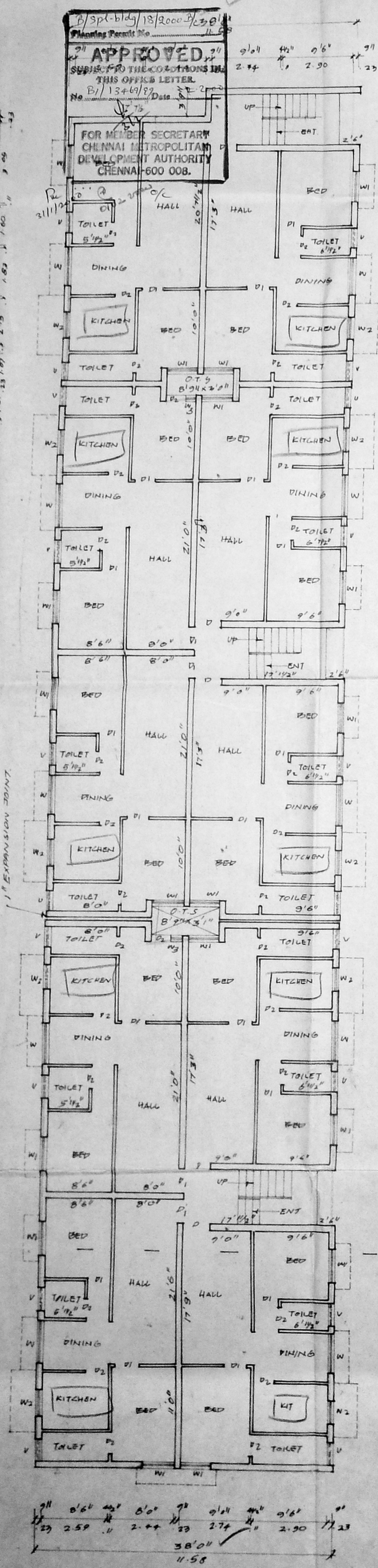
SCALE 1:100

OWNER:

Revised Plan  
Dt. 20.12.2017

LICENSED SURVEYOR

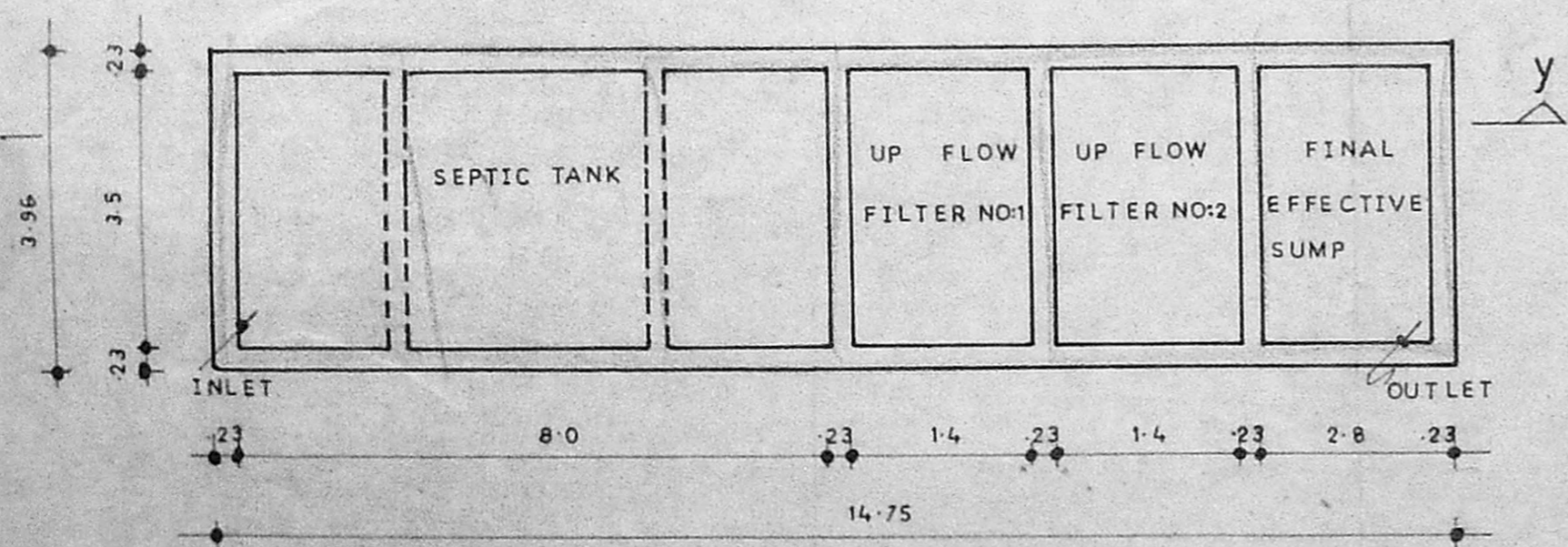
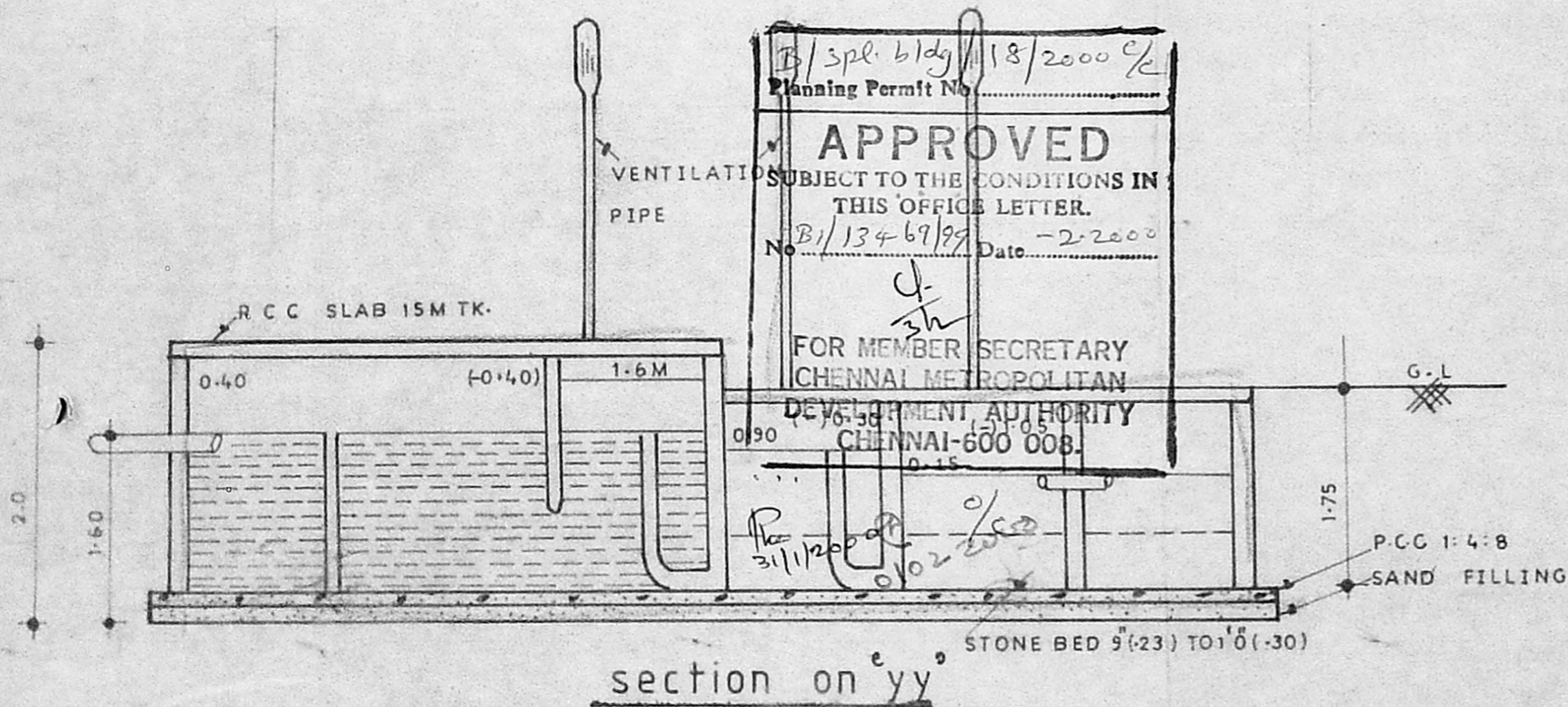
K. Narasimhan, B.E.I.  
CLASS - I  
Licensed Surveyor No. 344  
Corporation of Madras  
Consulting Engineer  
9, R. R. P. Street  
Kodambakkam, Madras-600 024



SECTION ON AB

PLAN SHOWING THE PROPOSED CONSTRUCTION OF DWELLING AT PLOT NO 1, THOMAS ST., TAMBARAM SANATORIUM, CHENNAI, KADAPPERI VILLAGE. S-NO 133/2A PART & 133/2B, 133/3 PART.

SHEET NO: 3



details of septic tank WITH UPFLOW FILTER all dimensions are in metre (SCALE 1:100)

DESIGN OF SEPTICTANK TWO UPFLOW FILTERS

NO OF DWELLING 30 NOS  
NO OF USERS 150  
RATE OF WATER SUPPLY 150 L PH  
FLOW OF SEWERAGE PER DAY 150 X 150 = 22500 LTR  
DETENTION PERIOD IS 18 HOURS  
TANK CAPACITY 22500 X 18/24 = 16875 LTR  
THE TANK IS TO BE CLEANED EVERY 7/11/2000  
SLUDGE STORAGE CAPACITY IS 22500 + 2250 = 24750 LTR  
THE RATE OF 15 LTR FOR PERSON PER YEAR 150 X 150 = 22500 LTR  
WITH PROVISION FOR FUTURE EXPANSION LET 7/11/2000.  
THE TOTAL TANK CAPACITY BE 30000 LTR (OR)  
30 M<sup>3</sup> SEPTICTANK HAVING A CAPACITY OF 30 M<sup>3</sup>  
DEPTH OF LIQUID AS 1.60 M  
PLAN AREA OF THE TANK 30/1.6 = 19 M<sup>2</sup>  
THE RATIO OF LENGTH TO WIDTH OF TANK BE 3  
LENGTH X BREADTH X 3 19 M<sup>2</sup>  
BREADTH OF TANK 3.5 M  
LENGTH OF TANK 8.0 M  
FREE BOARD OF THE TANK 0.4 M  
TOTAL DEPTH OF THE TANK 1.6 + 0.4 = 2.0 M  
PROVIDE TO SEPTICTANK EACH OF 8 X 3.5 X 2.0 M THE SIZE

30 NOS  
B/13469/99 Revised Plan  
28-12-99  
150 L PH  
150 X 150 = 22500 LTR  
18 HOURS  
22500 X 18/24 = 16875 LTR  
7/11/2000  
CMDA (B) No. 1  
No. B/13469/99  
Asst. Secretary  
22500 + 2250 = 24750 LTR  
7/11/2000  
A.P. D.P.

UPFLOW FILTERS		
DISCHARGE FOR	500 PERSON	- 75000 LTR
VOLUME	500 X 45	225 M <sup>3</sup>
DEPTH	1.0 - 0.2	0.80 M
PLAN AREA REQUIRED	225 / 0.80	28 M <sup>2</sup>
SIZE OF FINAL EFFECTIVE SUMP		2.5 X 1.4 X 1.75 M
UPFLOW FILTER NO:1		1.4 X 0.7 X 0.8 M
UPFLOW FILTER NO:2		1.4 X 0.7 X 0.8 M

owner:

licensed surveyor:

*S. G. S.*

*K. Narasimhan*  
K. NARASIMHAN, B.E.,  
CLASS - I  
Licensed Surveyor No. 344  
Corporation of Madras  
Consulting Engineer  
9, R. R. Puram I Street  
Kodambakkam, Madras-600 024