

M0 MAIN DOOR	12'0" x 7'0"
O2 COLLAPSED GATE	12'0" x 7'0"
D1 DOOR	3'0" x 7'0"
D2 DOOR	3'0" x 7'0"
D3 DOOR	3'0" x 7'0"
W1 WINDOW	4'0" x 5'0"
W2 WINDOW	4'0" x 5'0"
W3 WINDOW	4'0" x 5'0"
V VENTILATOR	2'0" x 2'0"

Revised Plan  
Dr. J. J. J.

AREA STATEMENT.

TOTAL PLOT AREA 1700m<sup>2</sup> 1700 m<sup>2</sup>  
 PROPOSED GROUND FLOOR AREA 411.34m<sup>2</sup>  
 PROPOSED FIRST FLOOR AREA 355.76m<sup>2</sup>  
 TOTAL PLINTH AREA 767.10m<sup>2</sup>  
 COVERAGE = 27.47%  
 F.S. 1.045

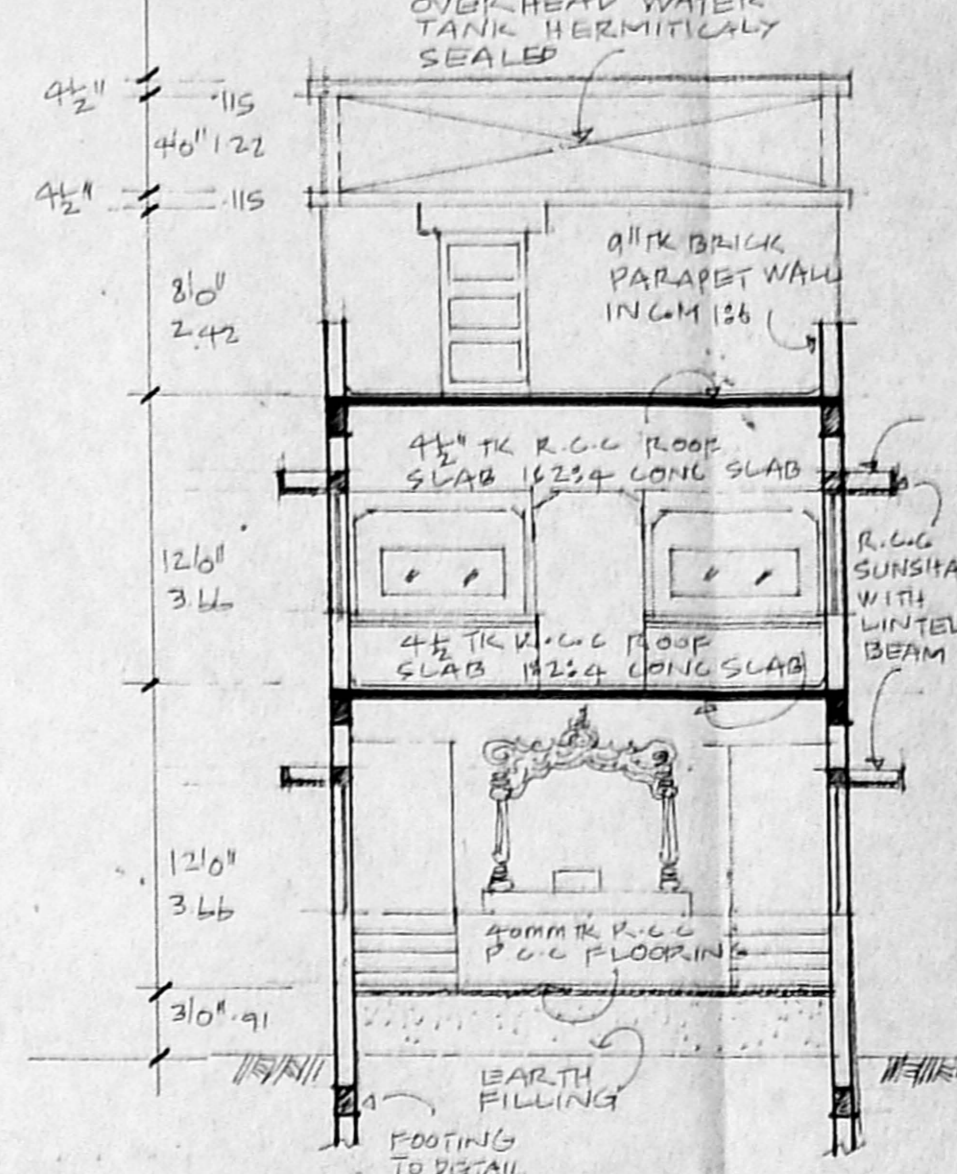
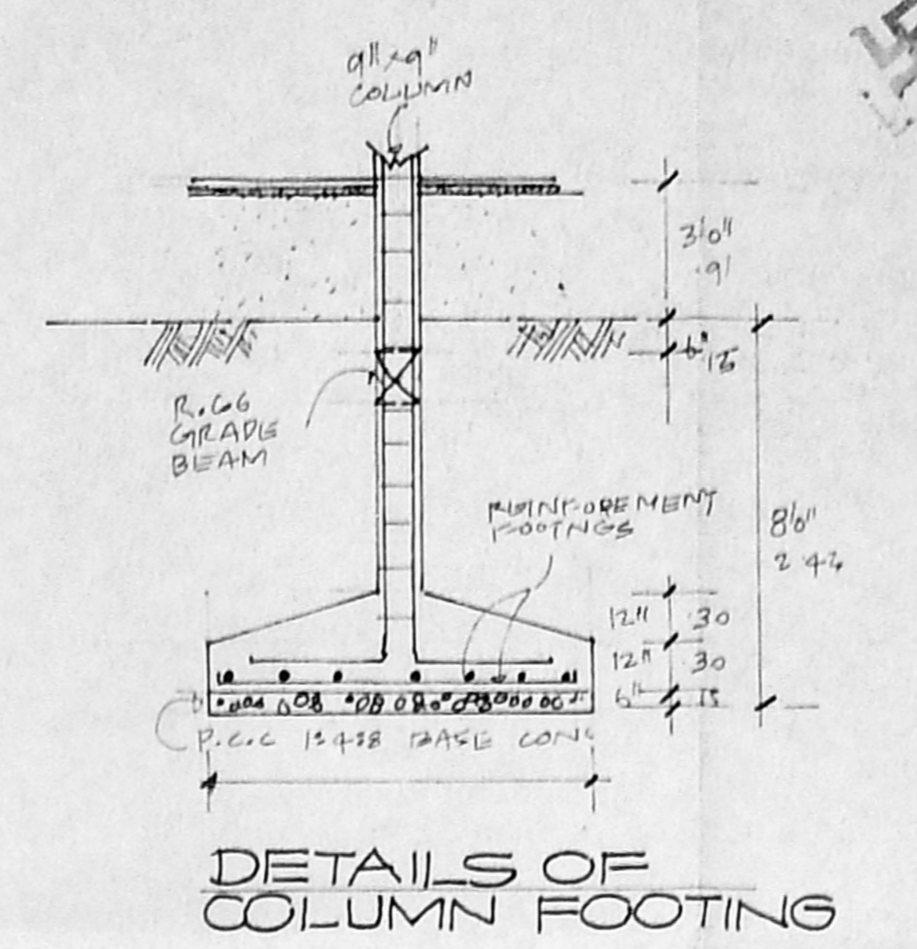
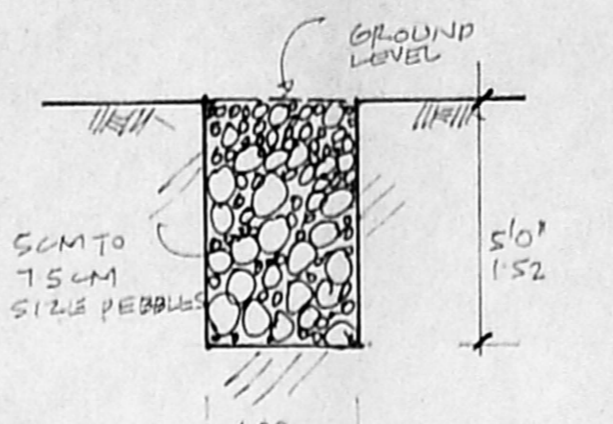
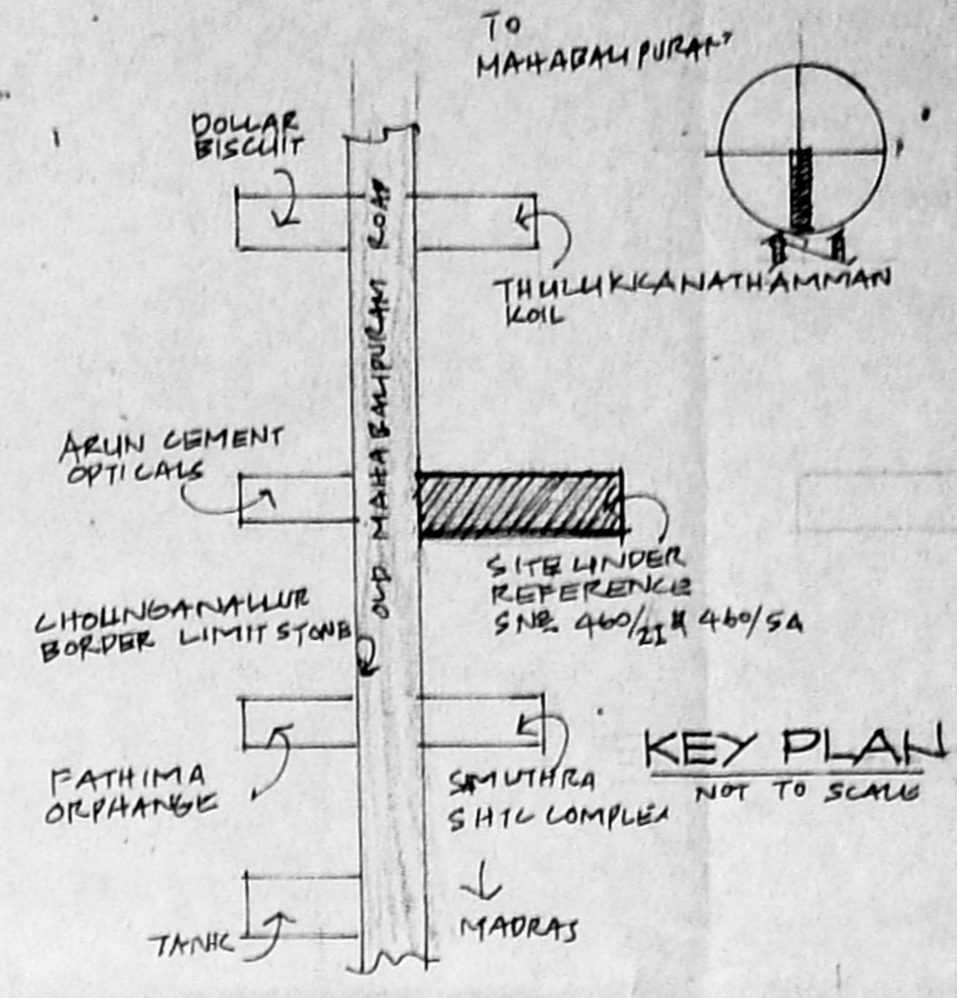
COLOUR INDEX.

PROPOSED	[Color Box]
ROAD	[Color Box]
BOUNDARIES	[Color Box]

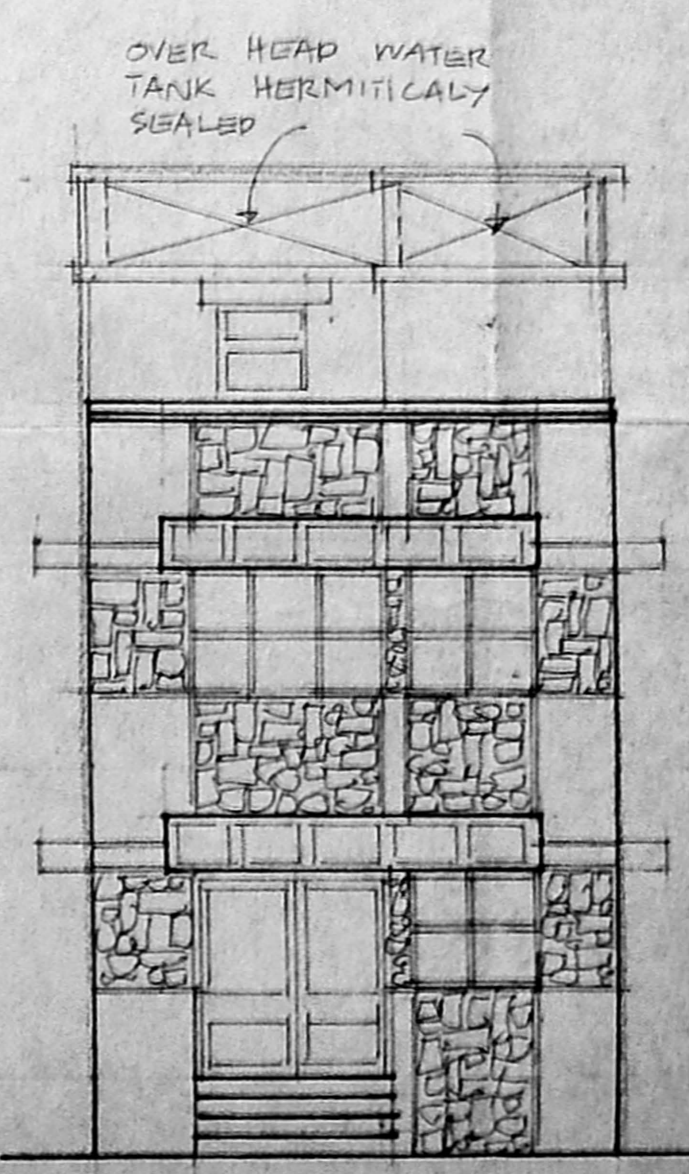
PROPOSED MARRIAGE HALL AT SNOS. 460/41 & 461/5A AT OLD MAHABALIPURAM ROAD CHOLINGANALLUR CHENGLEPET TALUK

SCALE: 1:100

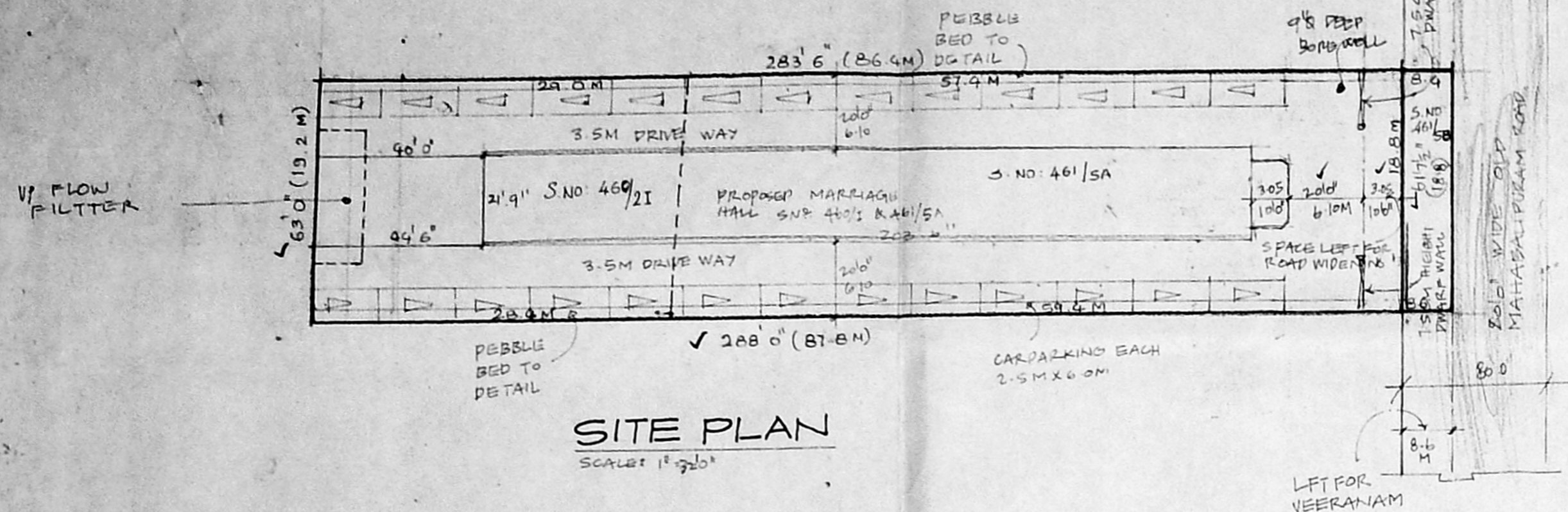
OWNERS: V. Rajan  
 ENGINEERS: K. SELVAM, B.E., A.M.I.E.  
 Consulting Civil Engineer, Chennai  
 Class I License No. 12345, Reg. No. 1234  
 Corporation of Chennai & Ambattur Municipality  
 No. 1/30, Megapattinam, CHENNAI-600 050



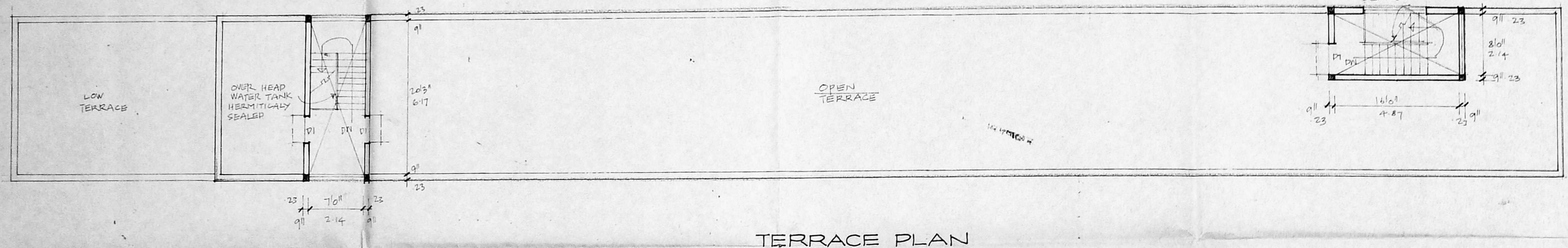
SECTION AA



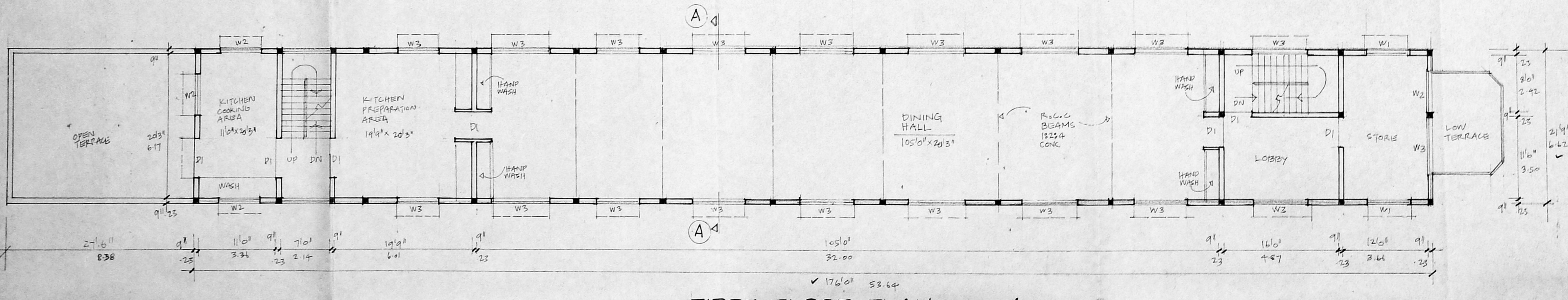
FRONT ELEVATION



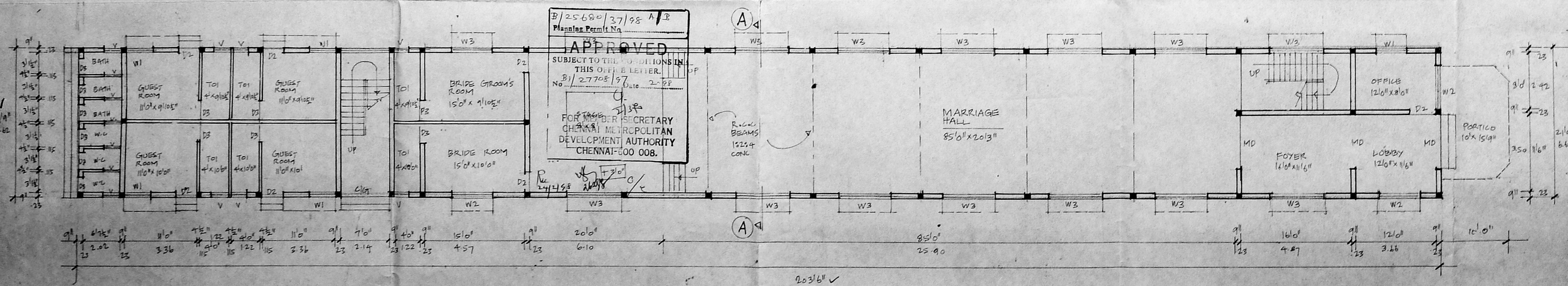
SITE PLAN



TERRACE PLAN

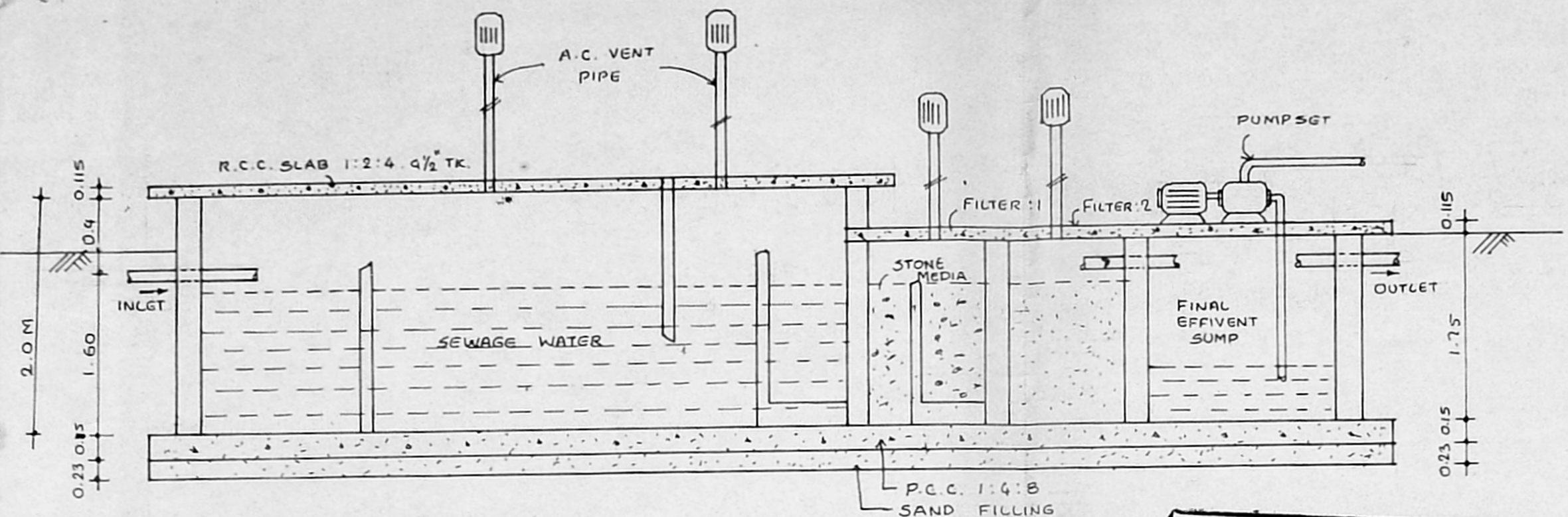


FIRST FLOOR PLAN

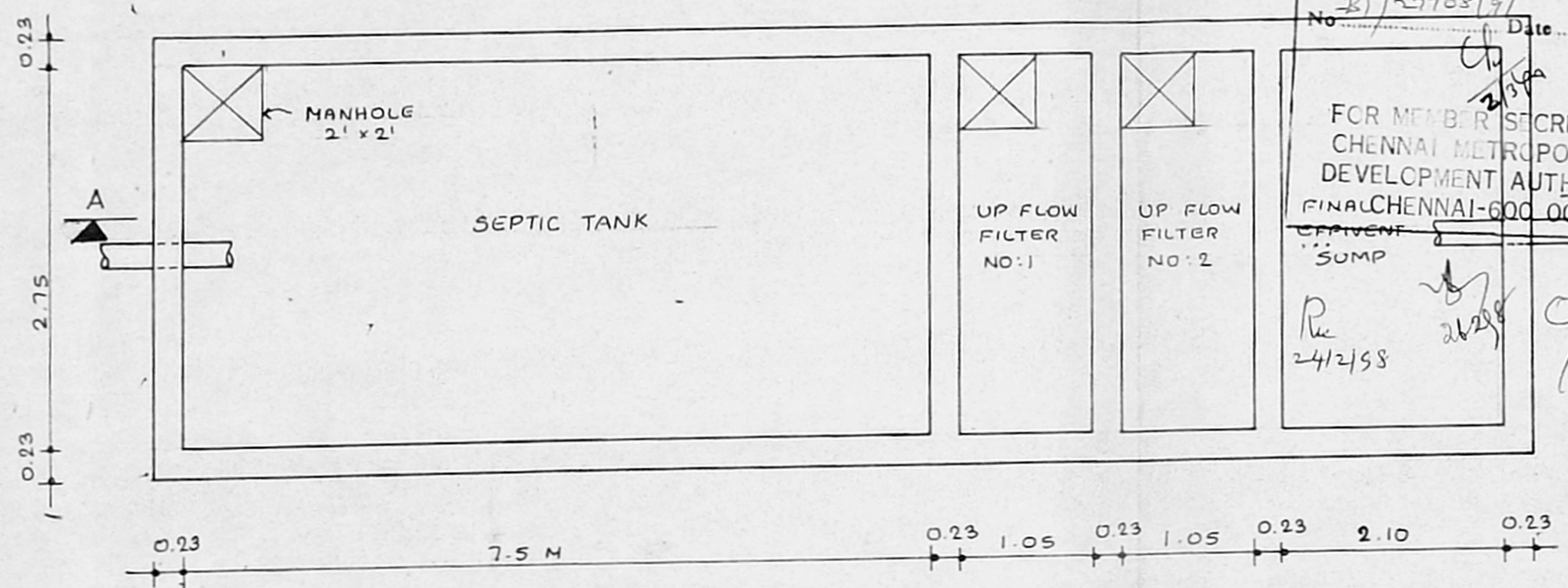


GROUND FLOOR PLAN

B/25680/37/98 A/B  
 Planning Permit No.  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. B/27705/97, dt. 2-28-98  
 FOR THE SECRETARY  
 CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



SECTION-AA



PLAN OF SEPTIC TANK

B/25680/37/98 B/B  
 Planning Permit No. ....  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. B/27708/97 Date 2-98  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

DESIGN OF SEPTIC TANK TWO UP FLOW FILTERS.

NO. OF DWELLING	- 767.10 m <sup>2</sup>
NO. OF USERS [ASSUME 5 PERSON FOR 50 m <sup>2</sup> ]	154 PERSON
RATE OF WATER SUPPLY IS	150 LPH/DAY
FLOW OF SEWAGE PER DAY	80 x 150 = 12000 LTS.
DETENTION PERIOD IS	18 HRS
TANK CAPACITY	12000 x 18/24 = 9000 LTS
THE TANK IS TO BE CLEANED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LTS. FOR PERSON PER YEAR	24 x 15 = 360 US 9000 + 360 = 9360 LTS.

WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 22000 LTS (or) 22 m<sup>3</sup>  
 SEPTIC TANK HAVING A CAPACITY OF 22 m<sup>3</sup>  
 DEPTH OF LIQUID AS 1.60 M  
 PLAN AREA OF THE TANK 22/1.60 = 14 m<sup>2</sup>  
 THE RATIO OF LENGTH TO WIDTH OF TANK BE 3

LENGTH X BREADTH X 3	14 m <sup>2</sup>
BREADTH OF TANK	3.5 m
LENGTH OF TANK	16.4 m
FREE BOARD OF THE TANK	0.40 m
TOTAL DEPTH OF THE TANK [1.60 + 0.40]	2.00 m
PROVIDE TWO SEPTIC TANK EACH UP FLOW FILTERS	6.40 x 2.5 x 2.0M
DISCHARGE FOR 370 PERSONS	55,000 LTS.
VOLUME 370 x 0.45	16.65 m <sup>3</sup>
DEPTH 1.10 - 0.30	0.80 m
PLAN AREA REQUIRED 16.65/0.80	21 m <sup>2</sup>
SIZE OF FINAL EFFLUENT SUMP	2.00 x 2.5 x 1.75
UP FLOW FILTER NO:1	1.05 x 2.5 x 0.8
UP FLOW FILTER NO:2	1.05 x 2.5 x 0.8

2/2  
 CMDA (B)/PP No. 1  
 C.No. B/1/27708/97  
 Asst. ....  
 Scrutiny P. A. 13/1/98  
 A.P. D.P.

DESIGN OF SEPTIC TANK WITH UP FLOW SYSTEM FOR THE PROPOSED MARRIAGE HALL AT SNOS. 460/2I & 460/5A, OLD MAHABALIPURAM ROAD, SHOLINGANALLUR, CHENGELPET TALUK.

OWNER  
 V. Ranganathan  
 K. SELVAM, B.E., F.A.M.I.E.,  
 Consulting Civil Engineer, Chartered Engineer,  
 Class - I Licensed Surveyor, Reg. No: 800  
 Corporation of Chennai & Ambattur Municipality  
 No: 1/370, Mogappair East,  
 CHENNAI-600 050.

LICENSED SURVEYOR