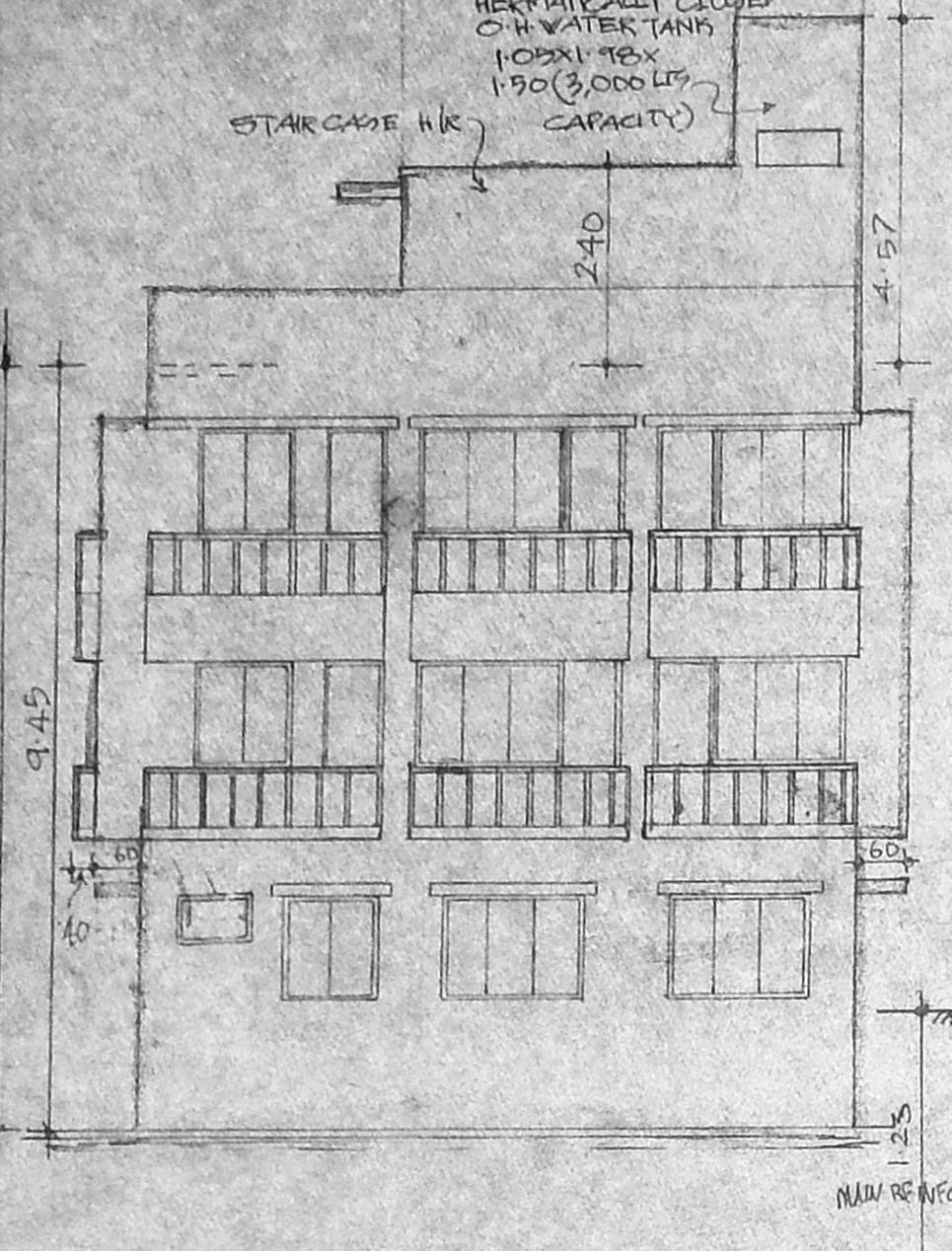
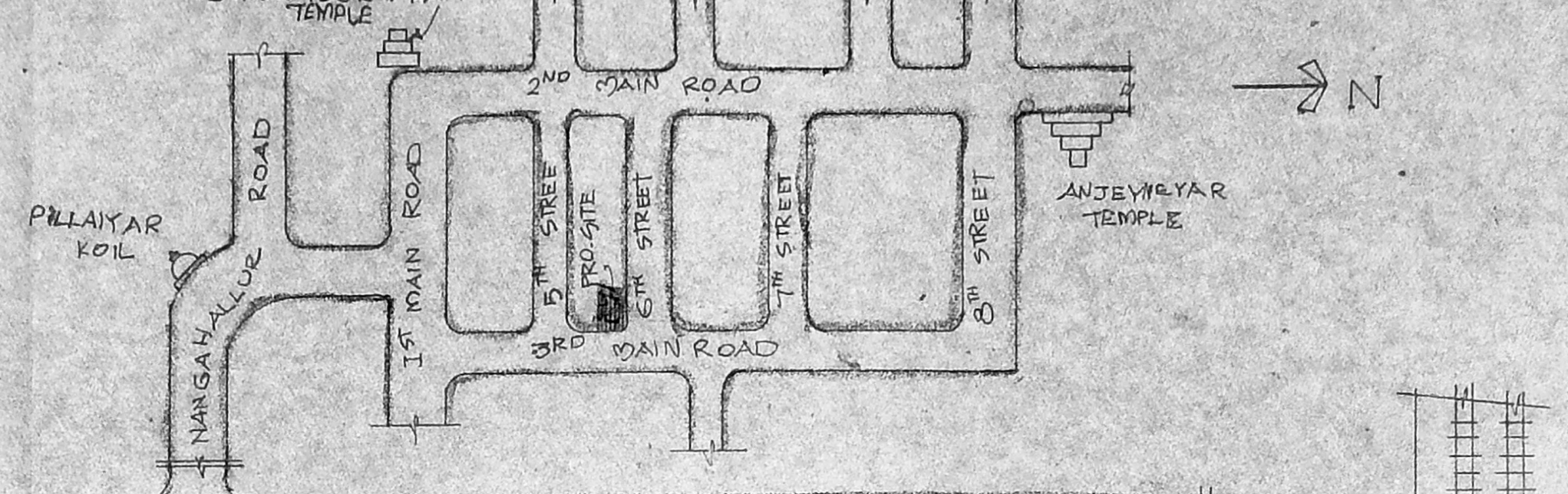


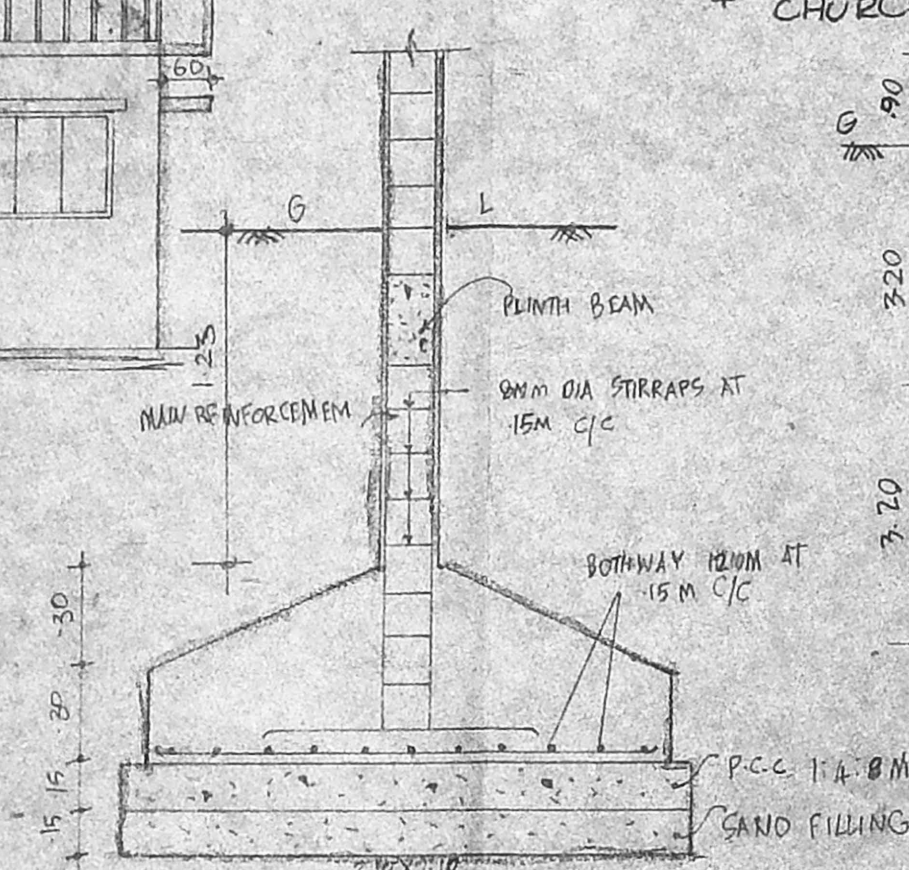
SECTION ON AA



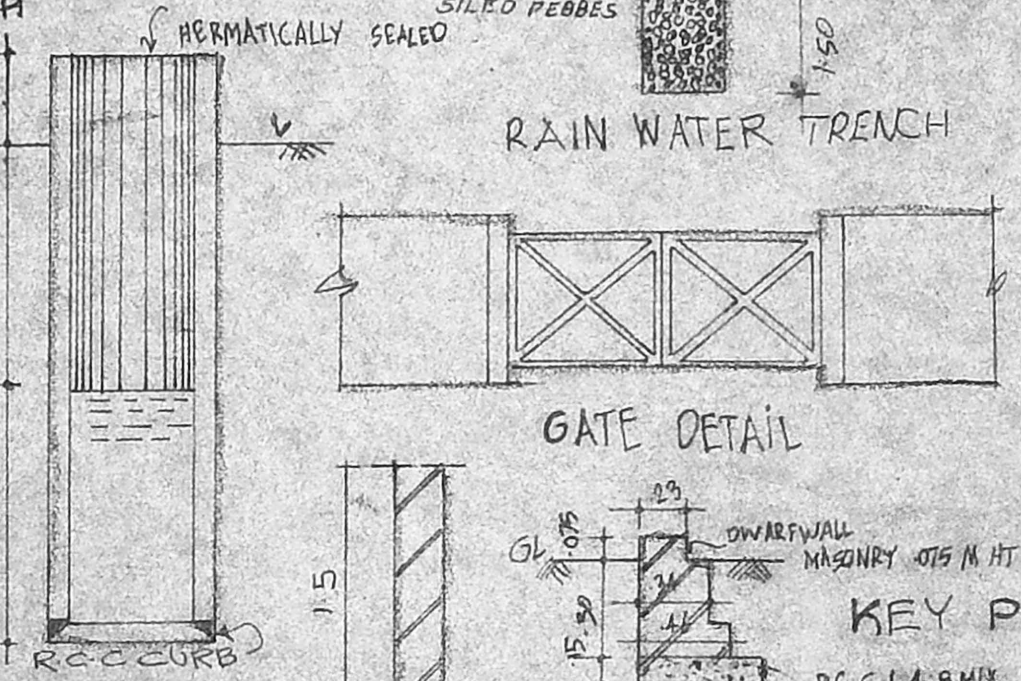
ELEVATION



KEY PLAN (INTS)



COLUMN FOUNDATION DETAIL



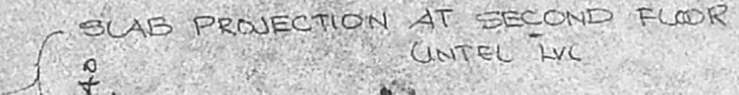
GATE DETAIL



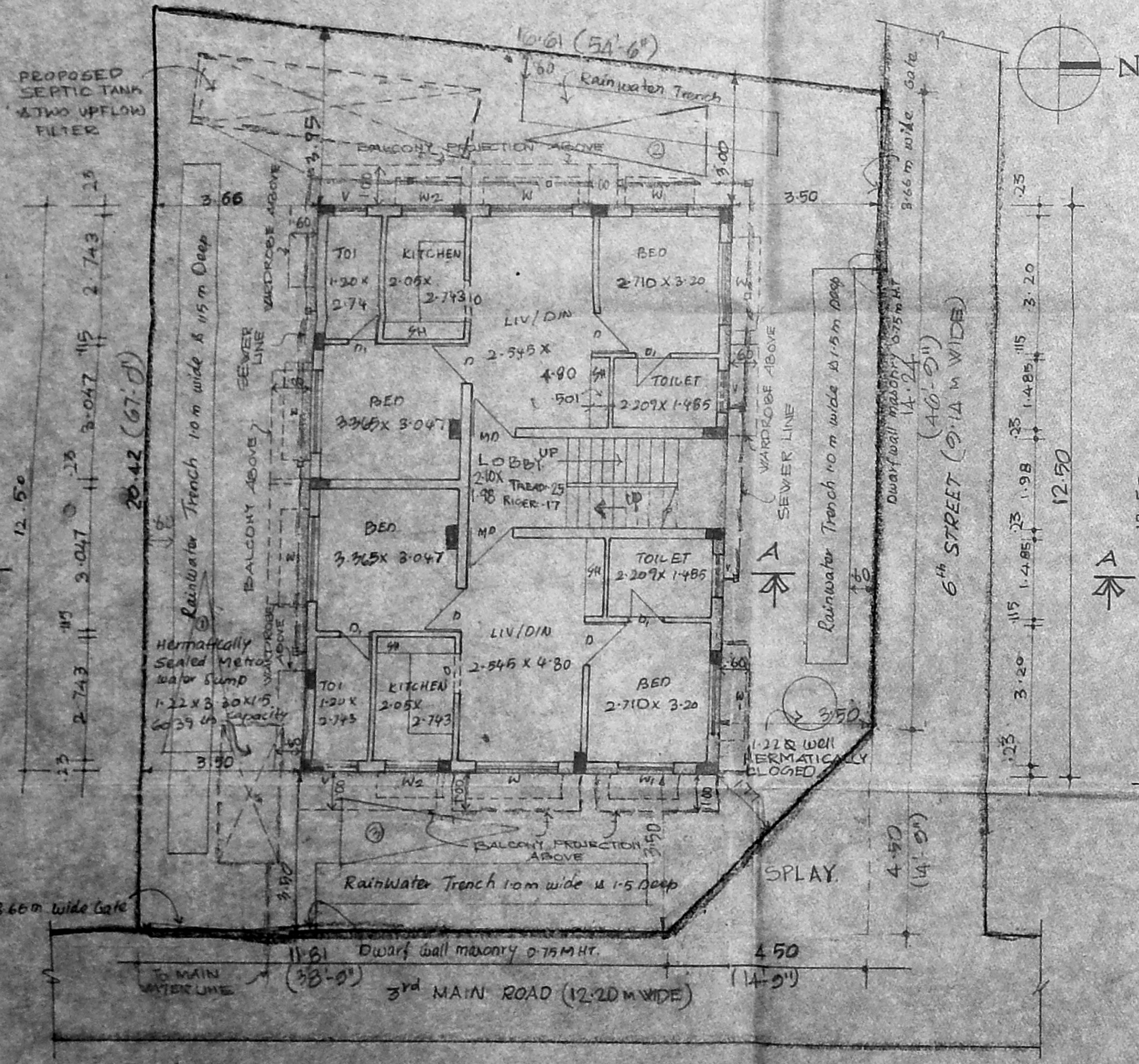
DWARFWALL MASONRY DETAIL



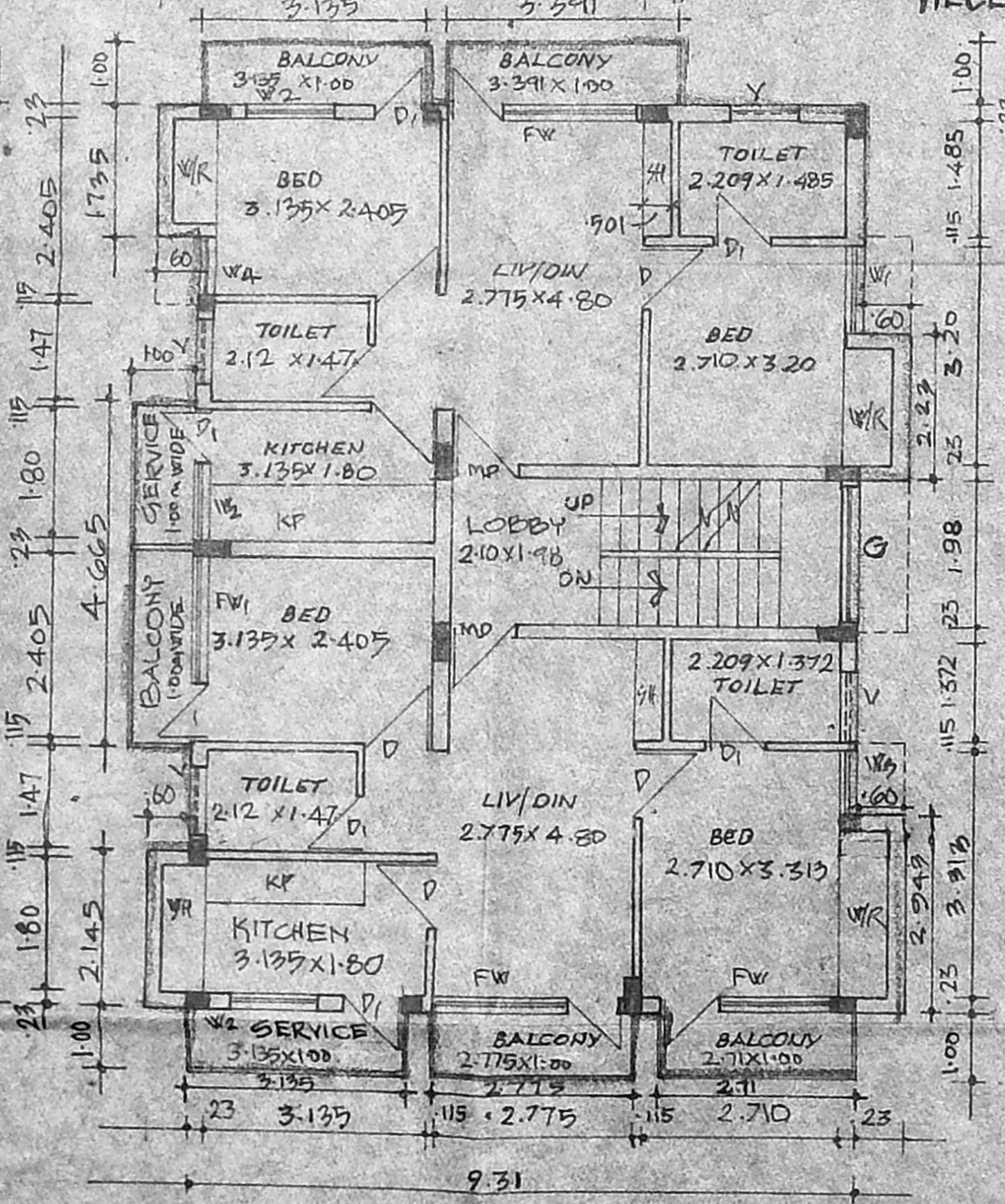
WELL DETAIL



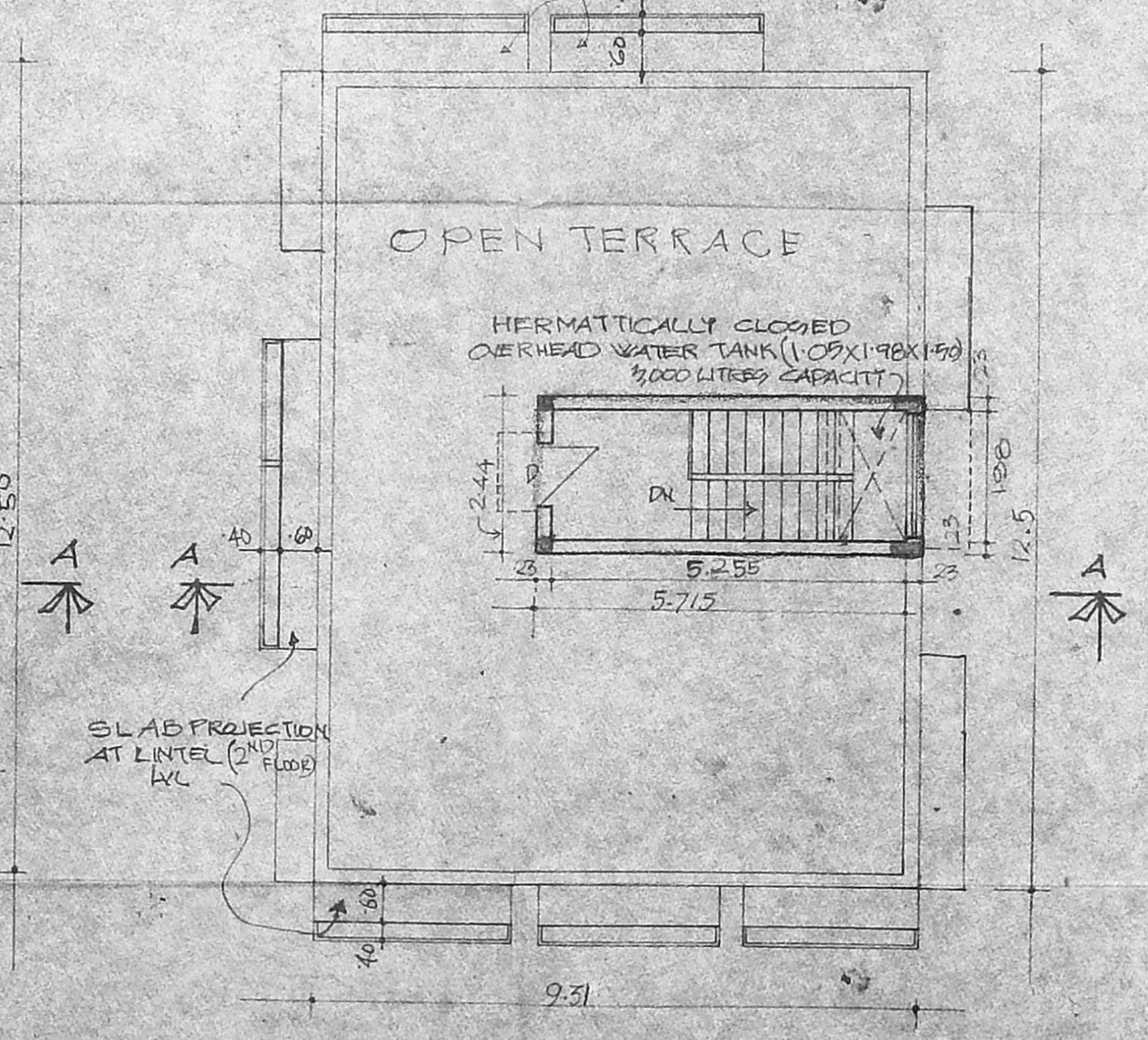
COMPOUND WALL DETAIL



SITE CUM GROUND FLOOR PLAN



TYPICAL FLOOR PLAN (FIRST & SECOND)



TERRACE FLOOR PLAN

SCHEDULE OF JOINERIES

MD	MAIN DOOR	- 1.00 x 2.19
D	DOOR	- 0.90 x 2.19
D1	DOOR	- 0.76 x 2.19
G	GLAZING	1.60 x 2.00
W	WINDOW	1.83 x 1.97
W1	DO	1.22 x 1.97
W2	DO	0.90 x 1.09
W3	DO	0.90 x 1.09
V	VENTILATOR	0.90 x 0.60
WA	WINDOW	2.12 x 1.97
FW	FRENCH WINDOW	2.12 x 1.97
FW1	DO	2.40 x 2.00

AREA STATEMENT

PLOT AREA	322.29
GROUND FLOOR AREA	116.315
FIRST FLOOR AREA	141.618
SECOND FLOOR AREA	141.618
TOTAL	399.551
F.S.I. ALLOWED - 1.5 TIMES	483.435
F.S.I. ACHIEVED - 1.24	399.61
PLOT COVERAGE -	44%

SPECIFICATION

FOUNDATION	COLUMN FOOTINGS FOUNDATION
SUPER STRUCTURE	BRICKWORK IN CM 1:5:6 RCC 1:2:4 FOR BEAMS LINTLS SUNSHADE ETC
FLOORING	MOSAIC FLOORING
ROOF	RCC 1:2:4 WITH REQUIRING THICKNESS
WEATHERING COURSE	BRICK JELLY LIME CONCRETE BELOW THE WEATHERING TILES
FINISHES	EXTERIOR AND INTERIOR PAINTED WITH CEMENT PAINT
JOINERIES	BEST INDIAN COUNTRY WOOD

PROPOSED BUILDING AT PLOT NO. 10 A
S. NO 95, RAMNAGAR,
ADAMBANKAM VILLAGE,
ALANDUR MUNICIPALITY

COLOUR INDEX

PROPOSED	[Symbol]
ROAD	[Symbol]
BOUNDARY	[Symbol]
WATER LINE	[Symbol]
SEWER LINE	[Symbol]

ALL DIMENSIONS ARE IN METRES
SCALE 1:100

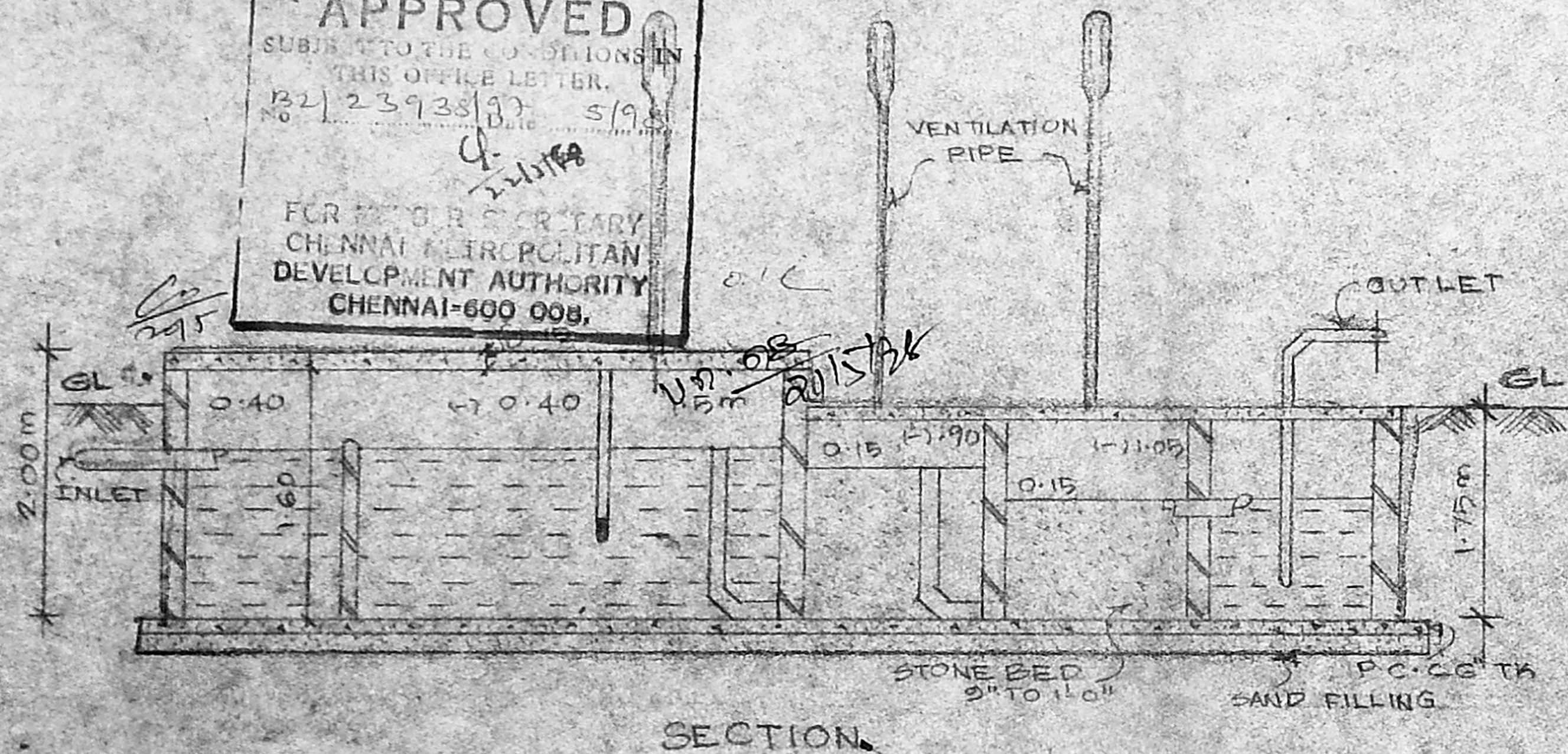
OWNER'S SIGNATURE

R. MANIMEKALAI, M. ARCH
REGD. ARCHITECT (C.A. No. 1860)
53/11, Sri Rangam Avenue,
Pantheon Road, Egmore,
CHENNAI-8. PH: 8554262

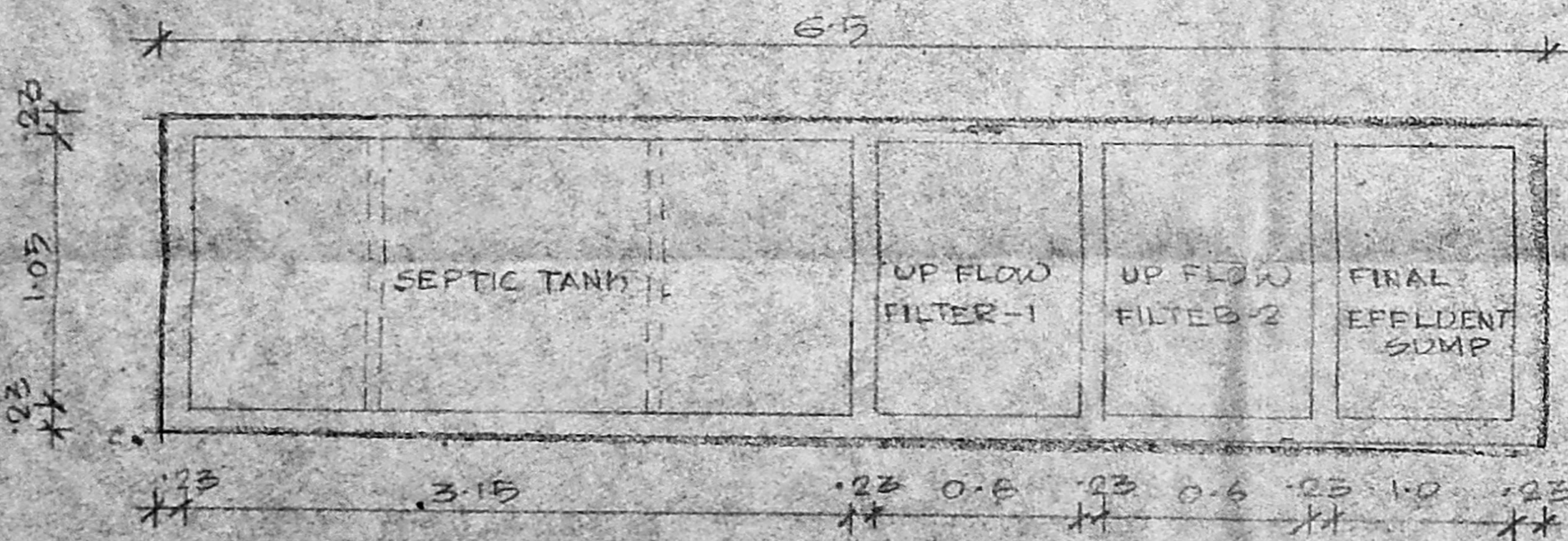
LICENCED SURVEYOR

PROPOSED BUILDING AT PLOT NO-10A
S.No. 95, BAMNAGAR, ADAMBAKKAM VILLAGE,
ALANDUR MUNICIPALITY.

B/25701/SS/B/B/93
Planning Permit No.
APPROVED
SUBJECT TO THE CONDITIONS IN
THIS OFFICE LETTER.
B2/23938/97 5/98
FOR THE SECRETARY
CHENNAI METROPOLITAN
DEVELOPMENT AUTHORITY
CHENNAI-600 009.



SECTION.



PLAN

DETAIL OF SEPTICK TANK

DESIGN OF SEPTIC TANK & TWO UPFLOW FILTERS

C.A. No. B2/23938/97
NO OF DWELLINGS 5 NOS.
NO OF USERS 5 X 5 = 20
RATE OF WATER SUPPLY IS 150 LPH DAY
THEN FLOW OF SEWAGE PER DAY 20 X 150 = 4500 LTS
DETENTION PERIOD IS AP. 18 HRS
TANK CAPACITY 4500 X $\frac{18}{24}$ = 3375 LTS
THE TANK IS TO BE CLEANED EVERY YEAR SO SLUDGE STORAGE
CAPACITY AT THE RATE OF 15 LTS PER PERSON PER YEAR
30 X 15 = 450 LTS
4500 + 3375 = 3325 LTS

WITH PROVISION FOR FUTURE EXPANTION LET THE TOTAL
TANK CAPACITY BE 5000 LITERS OR 5 m^3
DEPTH OF LIQUID AS 1.6 m
PLAN AREA OF TANK $\frac{5}{1.6} = 3.125 \text{ m}^2$
THE RATIO OF LENGTH TO WIDTH OF TANK BE 3
BREADTH OF TANK 1.05 m
LENGTH OF TANK 3.15 m
FREE BOARD OF THE TANK 0.40 m
TOTAL DEPTH OF THE TANK 1.60 + 0.40 = 2.00 m
PROVIDE SEPTIC TANK OF THE SIZE 3.15 X 1.05 X 2.0 m

UP FLOW FILTERS
DISCHARGE FOR 30 PERSONS 4500 LTS
VOLUME 30 X 1.5 = 13.5 m³
DEPTH 11 - 0.30 = 0.80 m
PLAN AREA REQUIRED $\frac{13.5}{0.8} = 16.875$
SIZE OF FINAL EFFLUENT SUMP 2.0 X 1.2 X 1.75
UP FLOW FILTER NO 1 0.6 X 0.6 X 0.8
UP FLOW FILTER NO 2 0.6 X 0.6 X 0.8

OWNER'S SIGNATURE _____
LICENSED SURVEYOR _____
R. MANIMEKALAI, M. Arch
Regd. Architect. C.A.No; 186C1.
53/11, Srirangam Avenue,
Pantheon rd, Madras-8