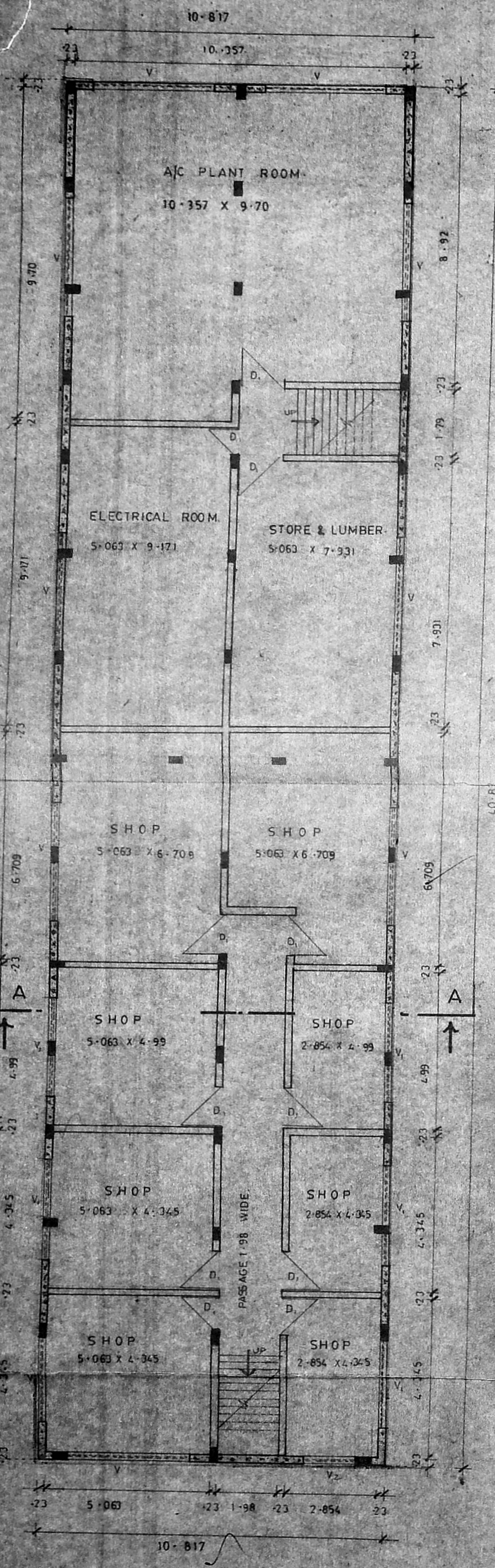
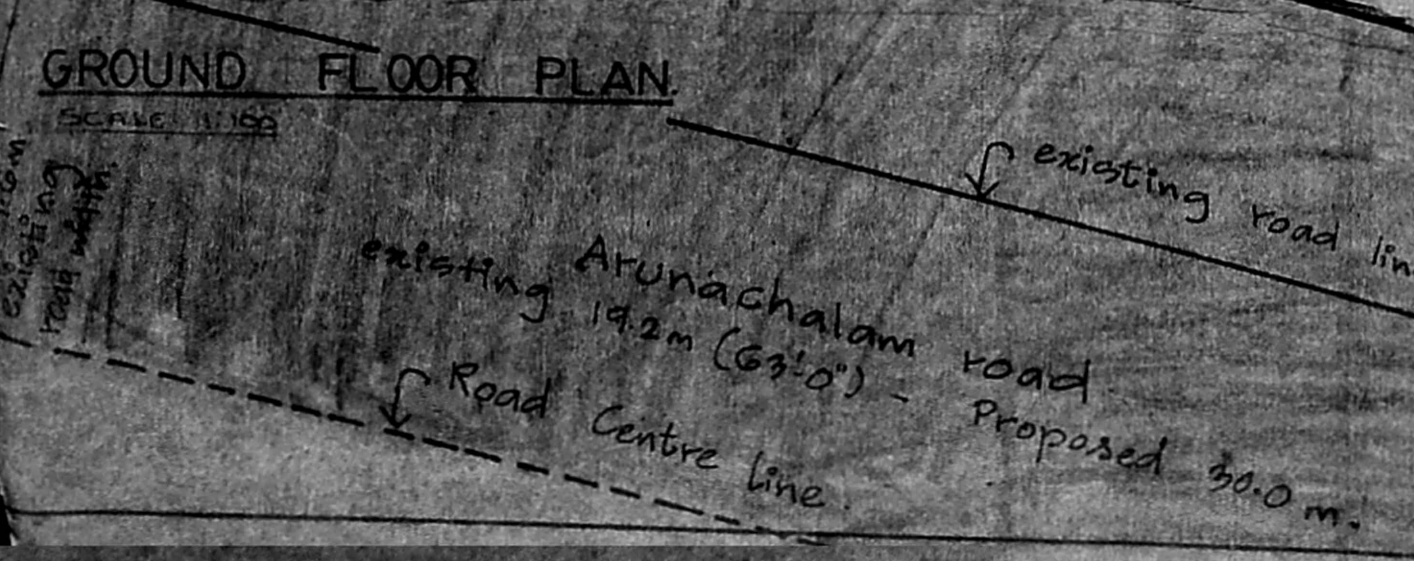
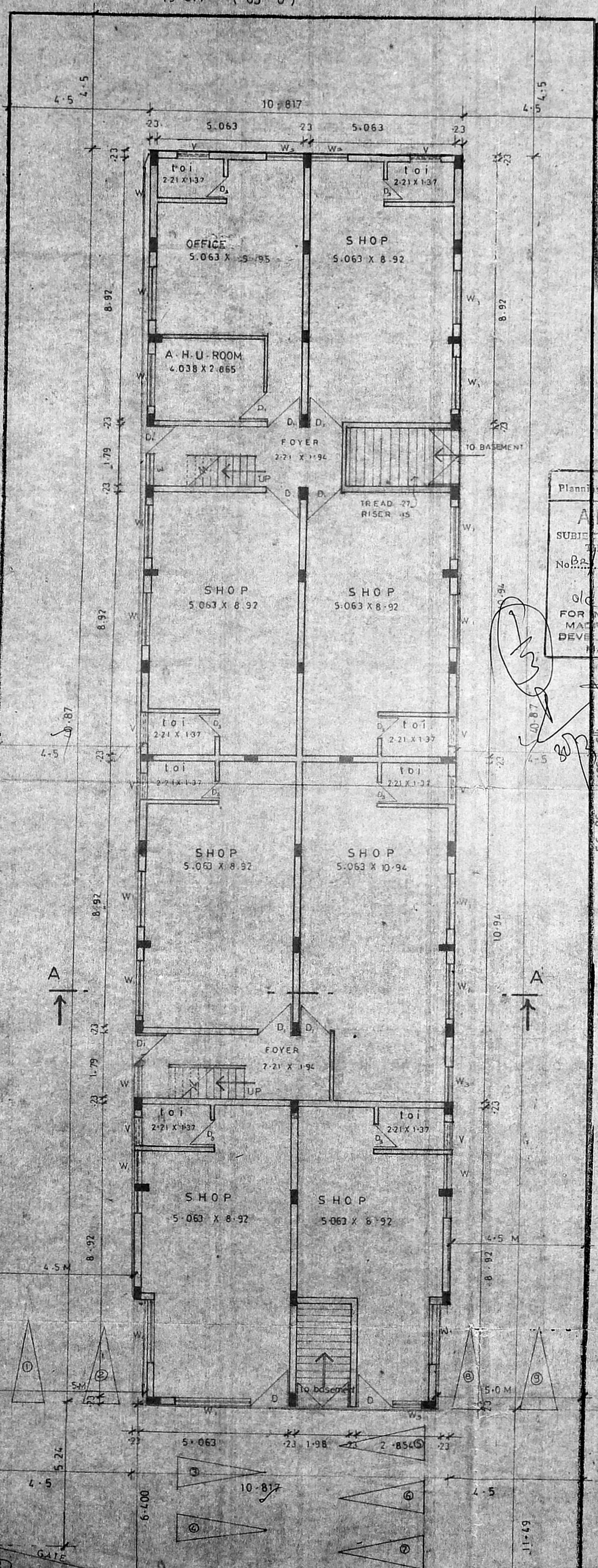


19-817 (65'-0")

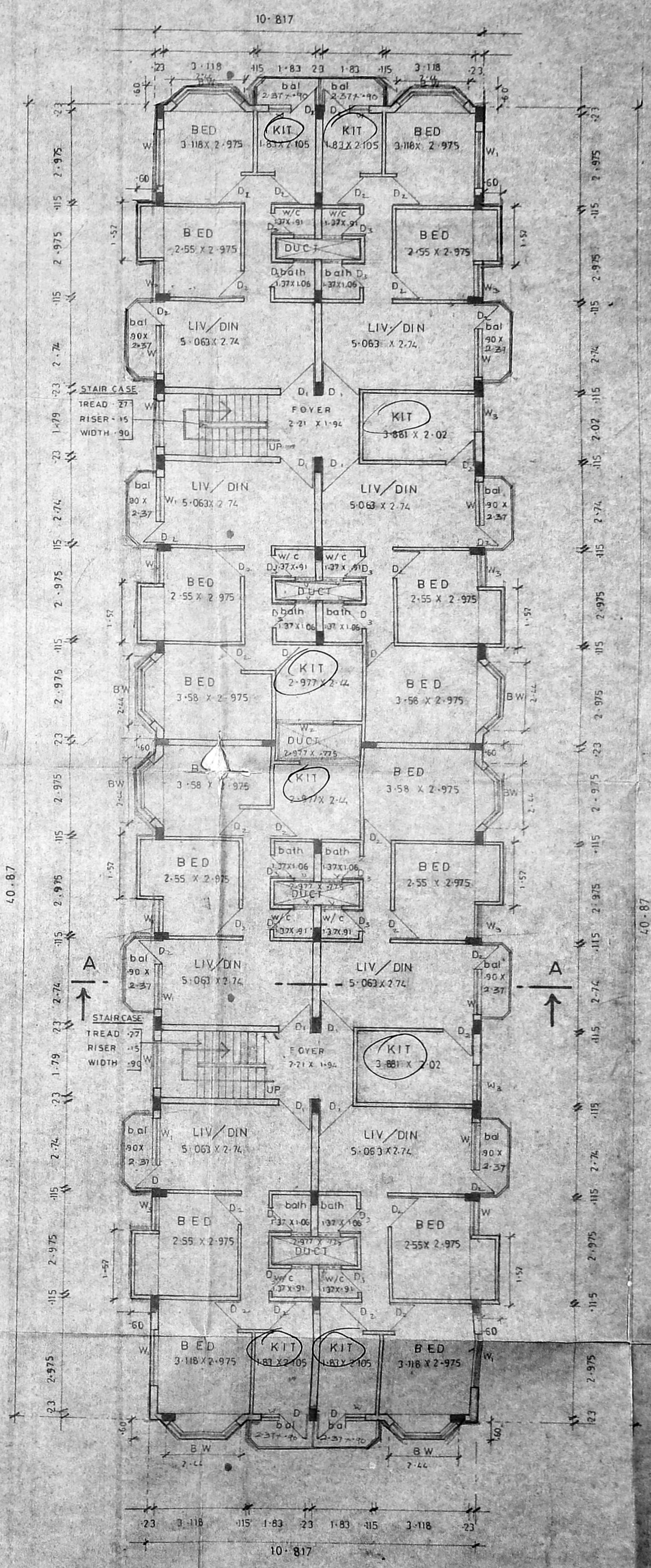


BASEMENT FLOOR PLAN
SCALE 1:100



GROUND FLOOR PLAN
SCALE 1:100

Planning Permit No. B.15324/11A/1995
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. B.15324/11A/1995
 Date: 03.09.95
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY
 MADRAS-600 008.



TYPICAL FLOOR PLAN
(2nd 3rd floor)
SCALE 1:100

SCHEDULE OF JOINERIES

D-1 W. DOOR	4'0" X 7'0"
D-2 W. DOOR	3'6" X 7'0"
D-3 W. DOOR	3'0" X 7'0"
D-4 W. DOOR	2'6" X 7'0"
W-1 W. WINDOW GLAZED	8'0" X 5'0"
W-2 W. WINDOW GLAZED	6'0" X 5'0"
W-3 W. WINDOW GLAZED	5'0" X 5'0"
W-4 W. WINDOW GLAZED	4'0" X 5'0"
W-5 W. WINDOW GLAZED	3'0" X 5'0"
BW-BAY WINDOW GLAZED	6'0" X 5'0"
V-VENTILATOR GLAZED	12'0" X 2'0"
V-1	10'0" X 2'0"
V-2	6'0" X 2'0"
V-3	3'0" X 2'0"

AREA STATEMENTS

PLOT AREA	1333.53	S.Q.M.
F.S.I ALLOWED	2.0	2267.06
F.S.I ACHIEVED	1.857	2105.2754
COVERAGE	42.11%	477.3191
SERVICES	9.97%	209.11
built up area		
BASEMENT (SHOP)	236.24	"
G. FLOOR (SHOP)	437.1081	"
FIRST FLOOR (OFF)	477.3191	"
SEC. FLOOR (RESI)	277.319	"
THIRD FLOOR (RESI)	477.319	"
total	2105.2754	"
COMMERCIAL AREA	1190.6372	"
RESIDENCE AREA	954.6382	"

COLOUR CODE REFERENCE

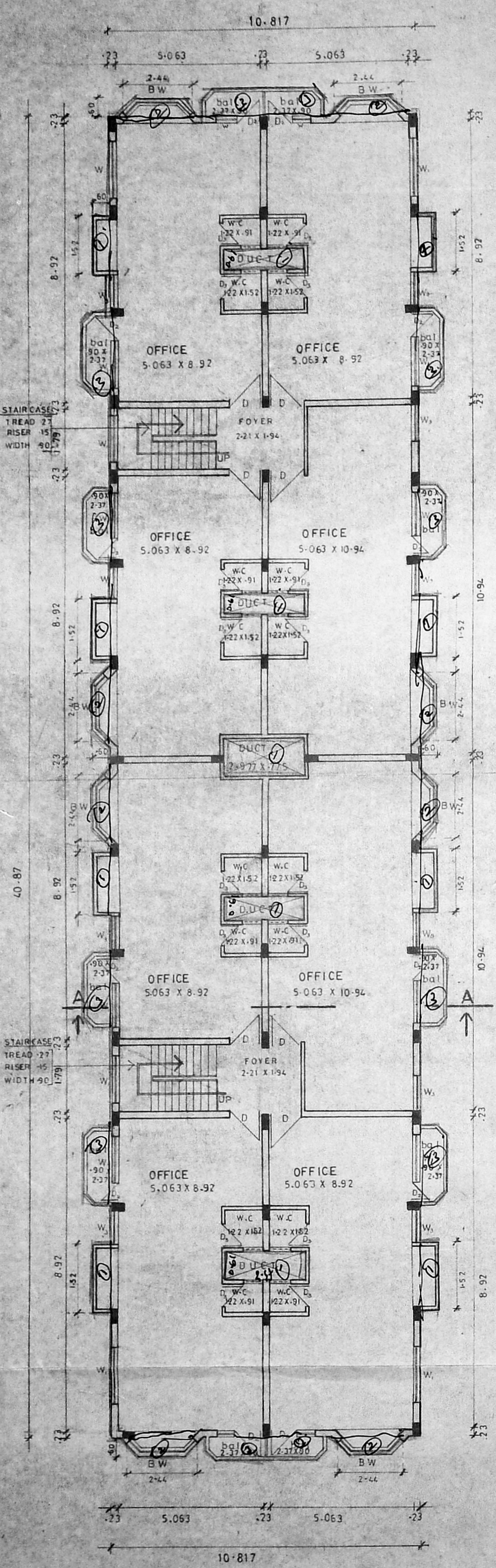
BOUNDARY	---
PROPOSED ROAD	---
ROAD	---
SEWER LINE	---

REVISED PLAN FOR
 PROPOSED COMMERCIAL CUM
 APARTMENT BUILDING AT
 DOOR NO. 110, ARUNACHALAM
 ROAD, SURVEY NO 126,127 OF
 SAIGRAM VILLAGE,
 SAIDAPET TALUK,
 CHINGLEPET DIST.

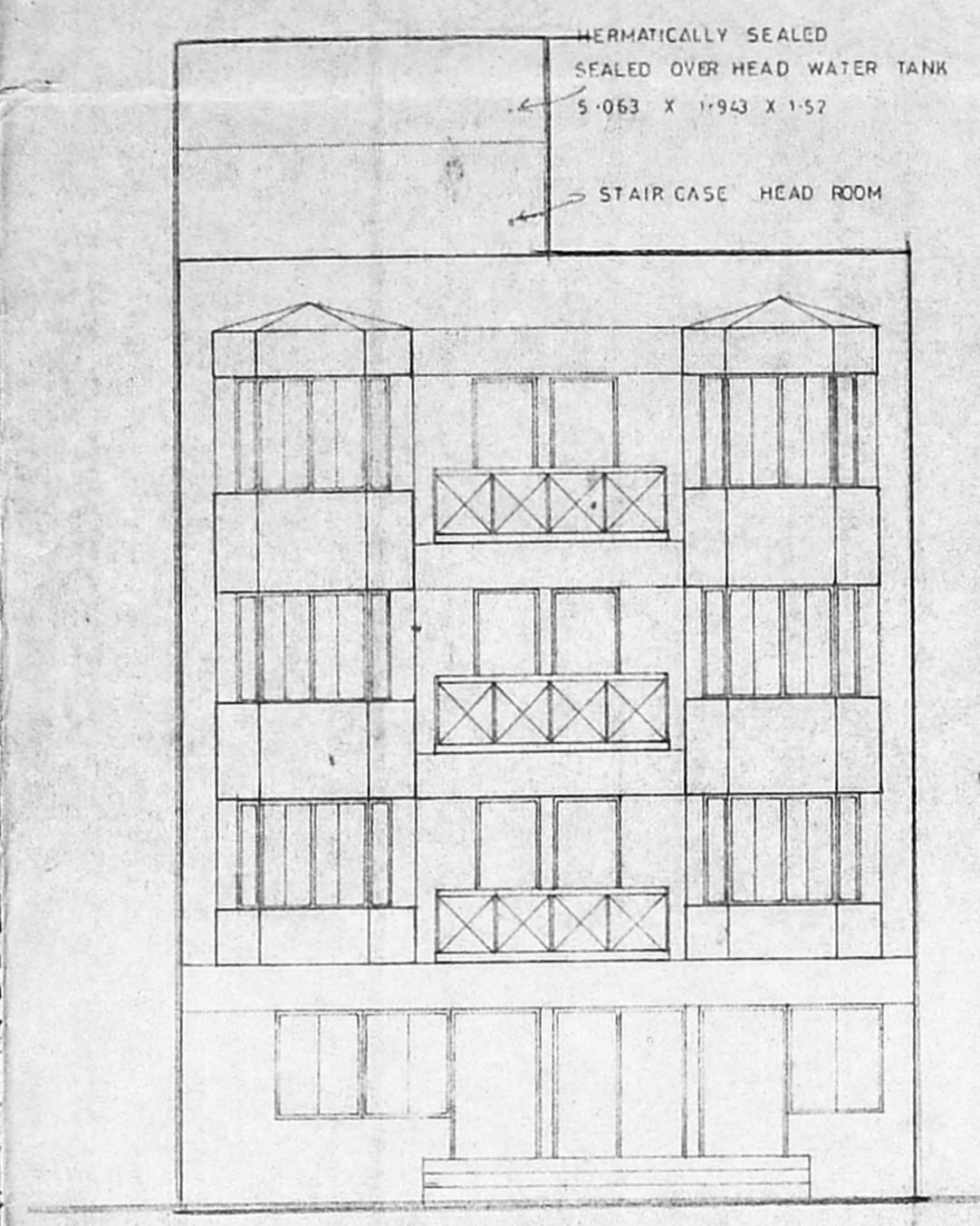
OWNER'S SIGNATURE

ARCHITECTS

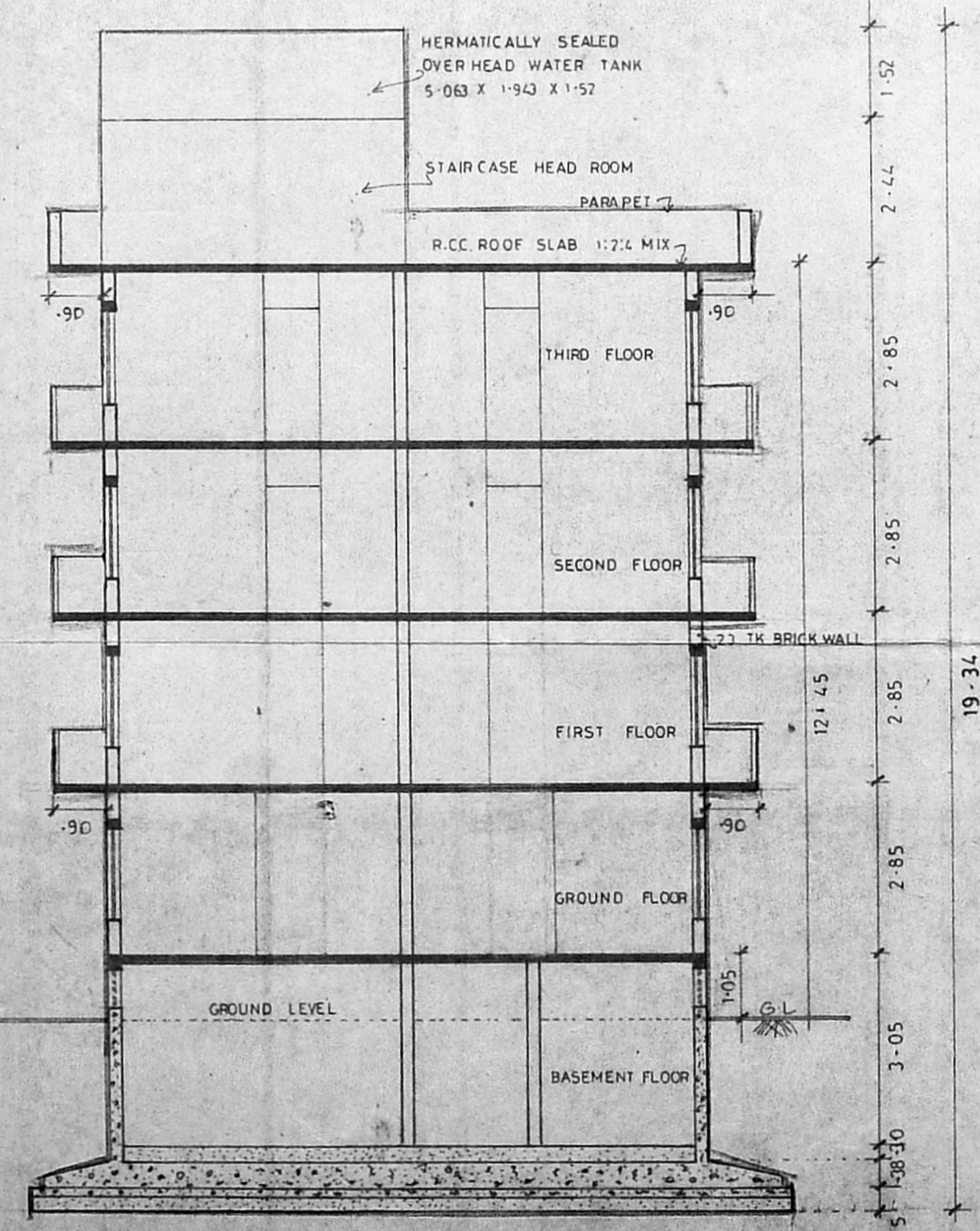
 19, SECOND STREET
 NANDANAM ETTA
 MADRAS - 400005
 PHONE - 433900



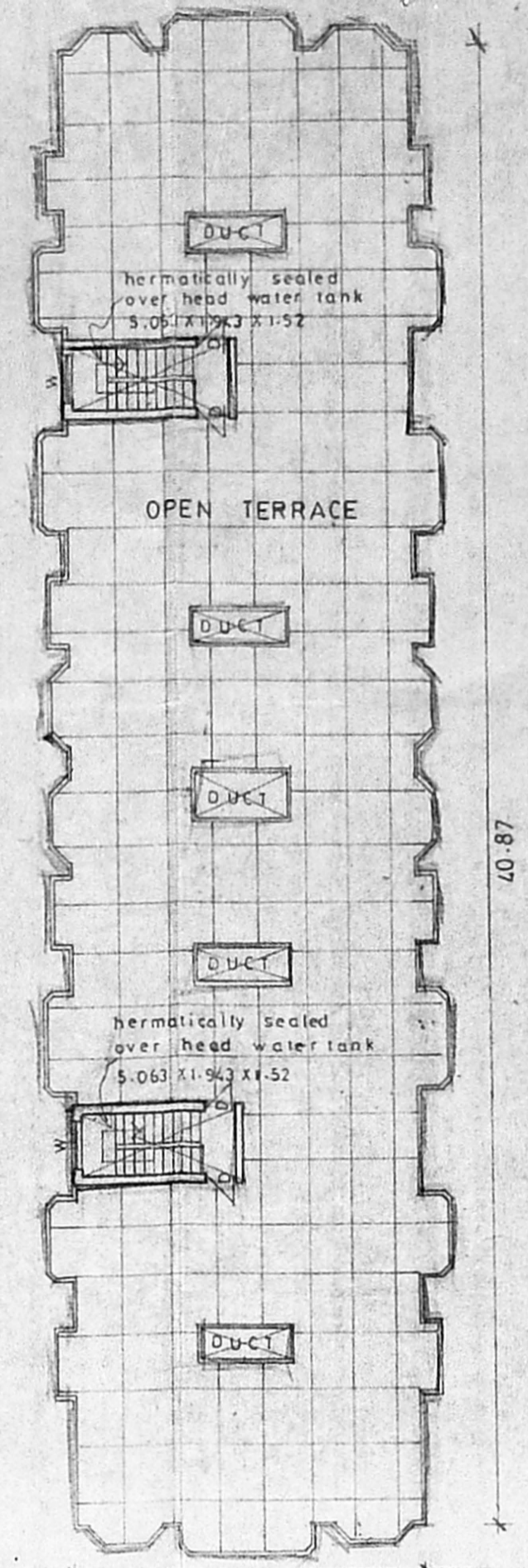
FIRST FLOOR PLAN
SCALE 1:100



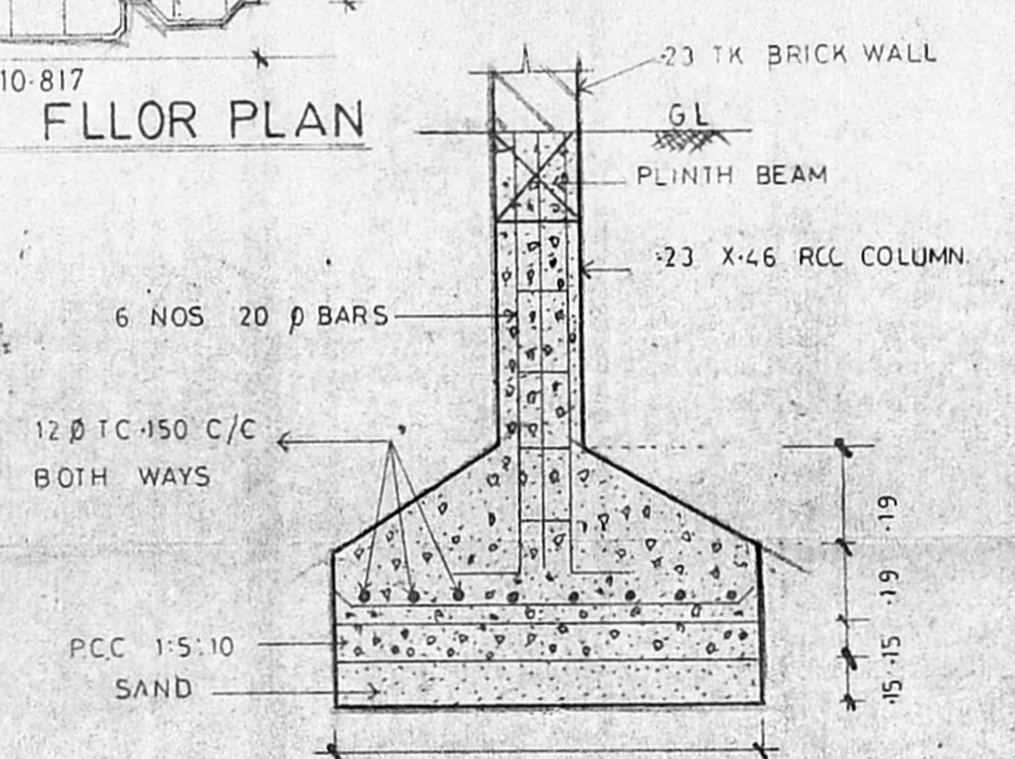
FRONT ELEVATION.
SCALE 1:100



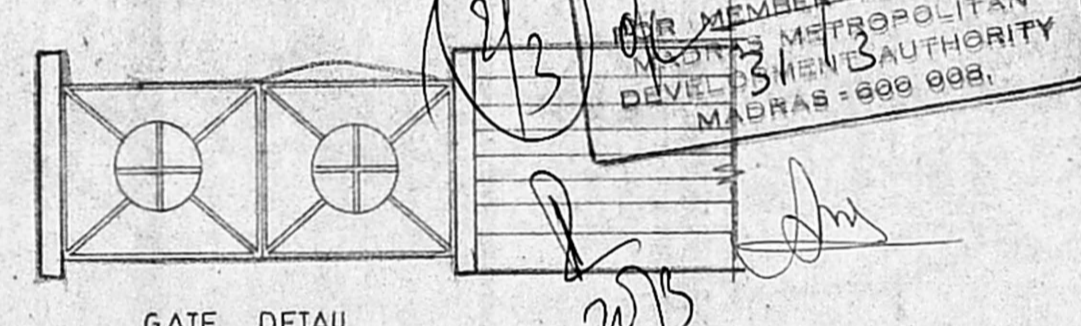
SECTION ON 'A-A'
SCALE 1:100



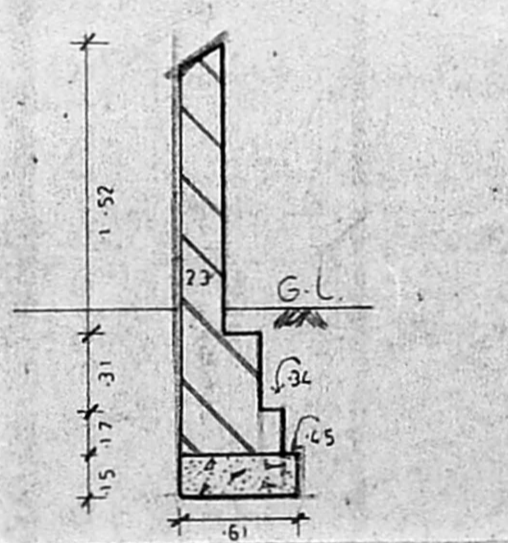
TERRACE FLOOR PLAN
SCALE 1:200



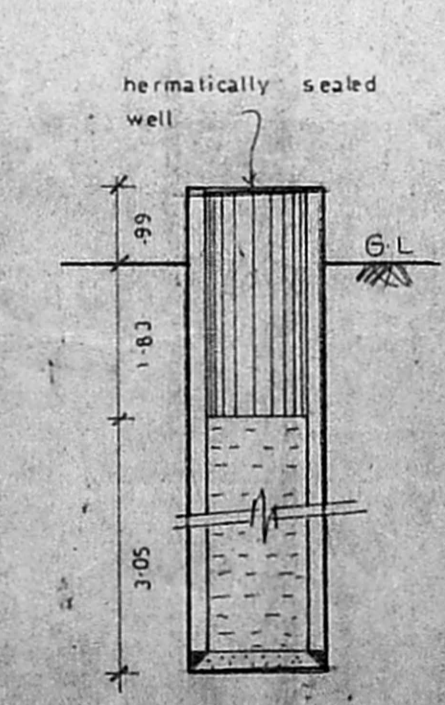
FOUNDATION
SCALE 1:20



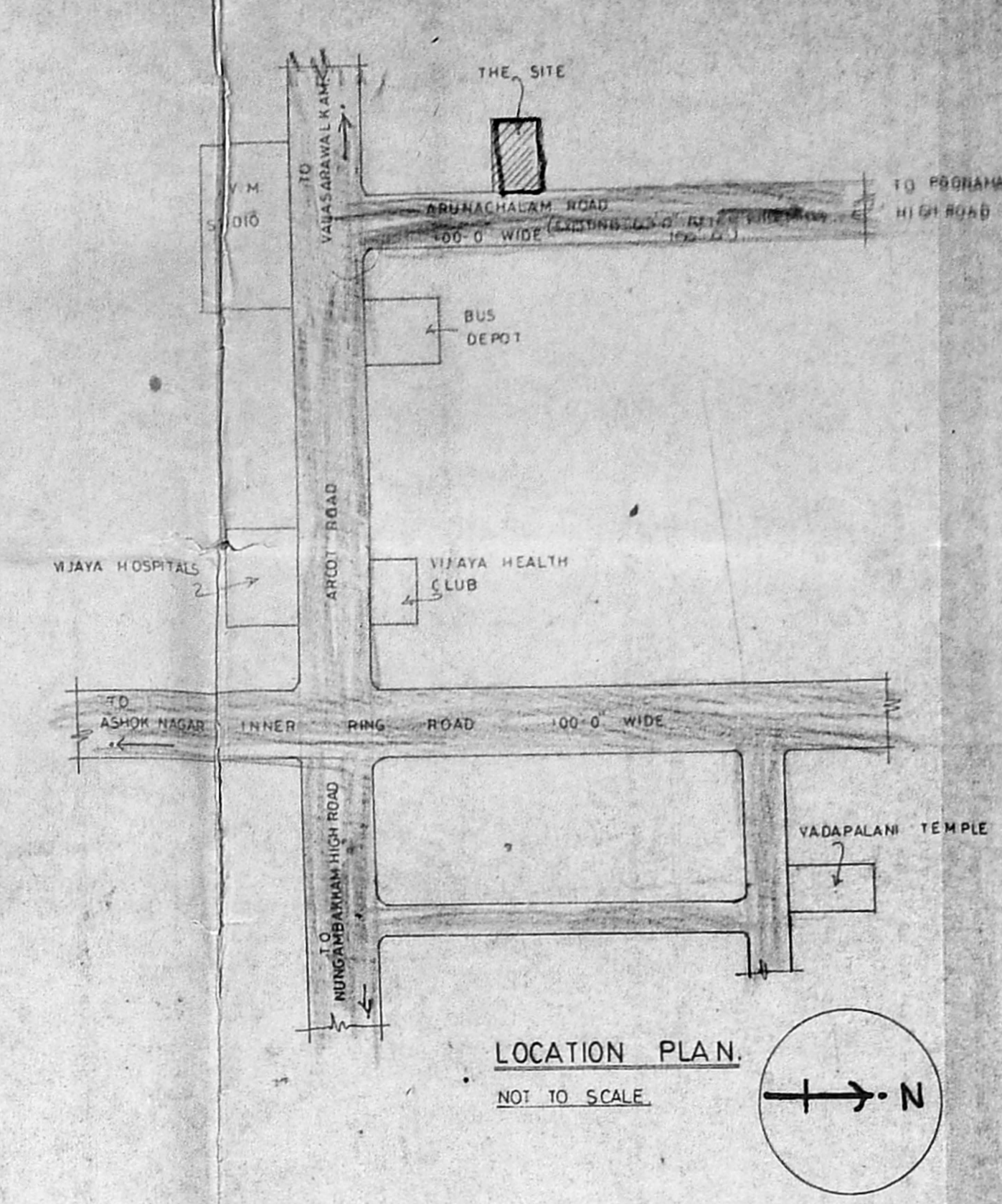
GATE DETAIL



COMPOUND WALL DETAIL
SCALE 1:50

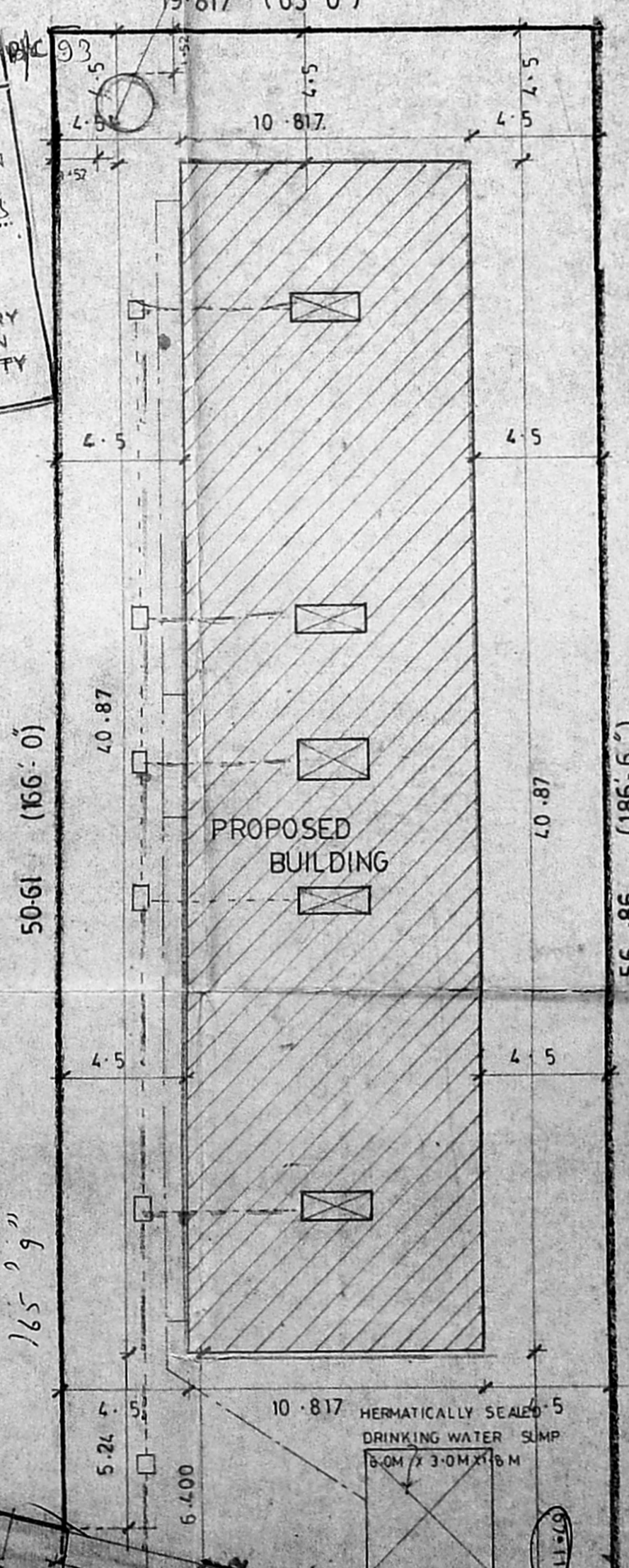


WELL DETAIL
SCALE 1:100



LOCATION PLAN.
NOT TO SCALE

APPROVED
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
Permit No. D.15344/111/04
Date: 08-03-93
MEMBER SECRETARY
MADRAS METROPOLITAN
CIVIL SUPPLY AUTHORITY
MADRAS - 600 008.



SITE PLAN.
SCALE 1:200

SPECIFICATIONS:
WEATHERING COURSE WITH BRICK JELLY LIME CONC WITH ONE COURSE OF FLAT TILES.
R.C.C. ROOF SLAB 1:2:4 MIX 6" TH
BRICK WORK IN CM 1:5
IN SIDE OUTSIDE PLASTERING IN CM 1:5
CEILING PLASTERING IN CM 1:3
LINTEL LOFTS SUNSHADE ARE IN RCC 1:2:4 MIX
FLOORING IN MOSAIC TILES OVER P.C.C. 1:5:10
WINDOWS DOORS GRILLS ARE IN TEAK WOOD

COLOUR CODE REFERENCE:
BOUNDARY
PROPOSED ROAD
SEWER LINE

REVISED PLAN FOR PROPOSED COMMERCIAL CUM APARTMENT BUILDING AT DOOR NO 110, ARUNACHALAM ROAD SURVEY NO. 126, 127, OF SALIGRAMAM VILLAGE, SAIDAPET TALUK, CHINGLEPET DIST.

OWNER'S SIGNATURE:
(Signature)
ARCHITECTS:
SIVA ANBARASAN
M ARCH (U.S.A. ENGLAND) MCA
REGD. ARCHITECT CASE NO 10269 (20-01-91)
PHONE - 433956

PLAN
No. 21-646 (71-01)
EXISTING ROAD LINE
ARUNACHALAM ROAD
EXISTING 19.2m (63'-0")
SPACE LEFT FOR ROAD WIDENING (5.5 M)
ROAD CENTRE LINE
21-646 (71-01)
TO MAIN WATER LINE
TO MAIN WATER LINE
23.70m x 11.60m
165' 9"

PROPOSED COMMERCIAL CUM APARTMENT BUILDING
 AT DOOR NO 110, ARUNACHALAM ROAD. SURVEY NO 126, 127
 OF SALIGRAMAM VILLAGE SAIDAPET TALUK,
 CHINGLEPET. DIST.

DESIGN OF SEPTIC TANK ; TWO UP FLOW FILTERS.

NO OF DWELLINGS	16 NOS
USERS IN SHOPS	20
NO OF USERS	16 X 5 + 20 = 100
RATE OF WATER SUPPLY IS	150 LPH/DAY
THEN FLOW OF SEWAGE PER DAY	100 X 150 = 15000 LITERS
DETENTION PERIOD IS	18 Hrs
TANK CAPACITY	15000 X $\frac{18}{24}$ = 11250 LITERS

THE TANK IS TO BE CLEANED EVERY YEAR. SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LTS FOR PERSON PER YEAR.

100 X 15	1500 LTS
11250 + 1500	12750 LTS.

WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 15,000 LTS or 15 M³

SEPTIC TANK HAVING A CAPACITY OF	15 M ³
DEPTH OF LIQUID AS	1.60 M
PLAN AREA OF THE TANK	$\frac{15}{1.60} = 9.375 M^2$

THE RATIO OF LENGTH TO WIDTH OF TANK BE $\frac{3}{1}$

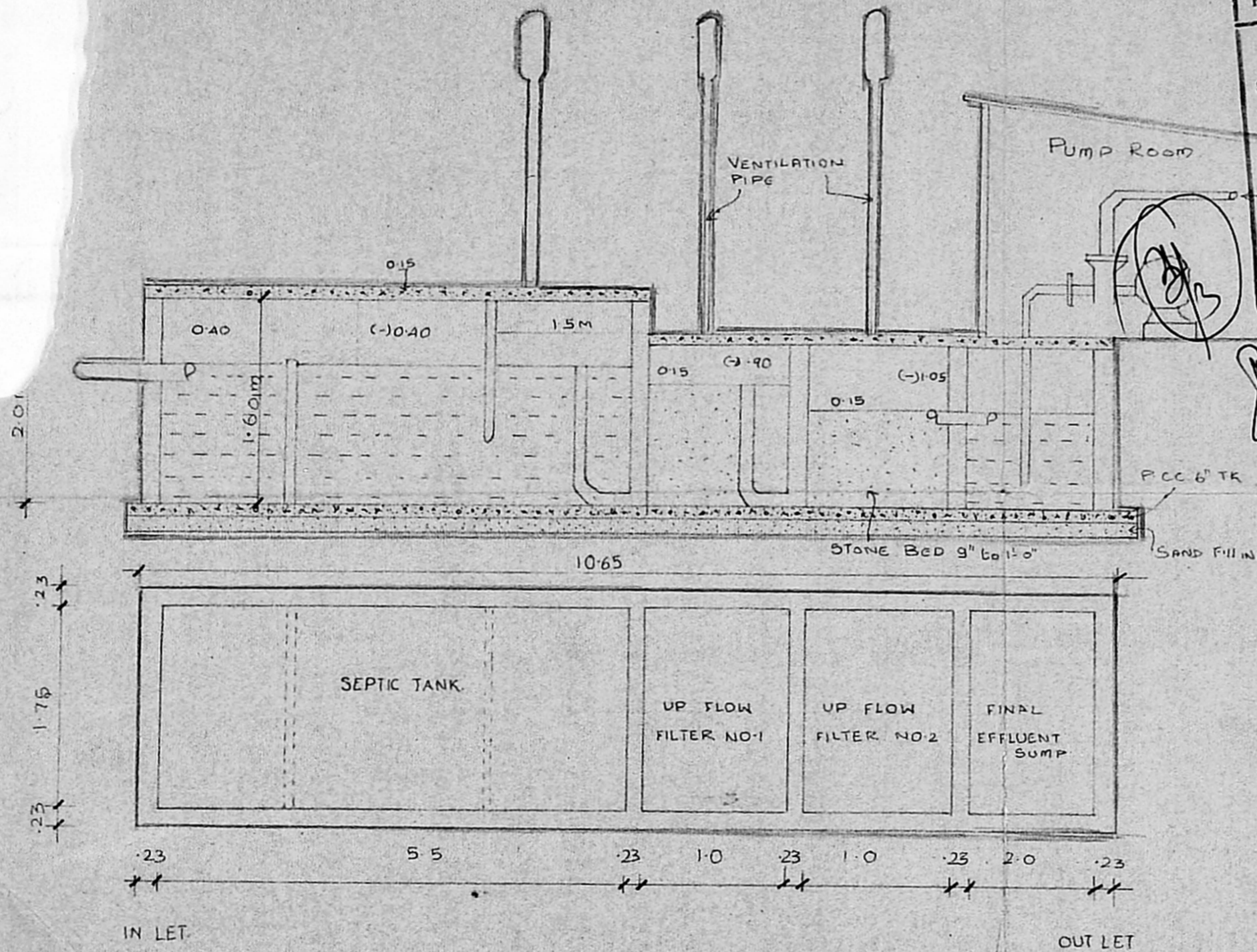
Length X Breadth X 3	19 M ²
BREADTH OF TANK	$\sqrt{19/3} = 1.732$ say 1.75 M
LENGTH OF TANK	5.5 M
FREE BOARD OF THE TANK	0.40 M
TOTAL DEPTH OF THE TANK	1.60 + 0.40 = 2.00 M

PROVIDE TWO SEPTIC TANKS EACH OF THE SIZE 5.5 X 1.75 X 2.0

up flow filters.

DISCHARGE FOR 100 PERSONS	15 000 LTS
VOLUME	100 X .45 = 4.5 M ³
DEPTH	1.1 - 0.30 = 0.80 M
PLAN AREA REQUIRED	$\frac{4.5}{0.80} = 5.625$
SIZE OF FINAL EFFLUENT SUMP	2.0 X 1.75 X 1.75

UP FLOW FILTER NO 1	1.0 X 1.75 X 0.8
UP FLOW FILTER NO 2	1.0 X 1.75 X 0.8



Planning Permt No. B/15344/M
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
 No. B2/4327/93 Date. 03-03
 DELIVERED TO MEMBER SECRETARY FOR ZONE MADRAS METROPOLITAN DEVELOPMENT AUTHORITY MADRAS - 600 008.

DETAIL OF SEPTIC TANK.

scale 1:75

ALL DIMENSIONS ARE IN METRE.

OWNER'S SIGNATURE

ARCHITECTS
ANBU & FAIZAL
 15, SECOND STREET
 NANDANAM EXTN
 MADRAS - 600 035
 PHONE - 453900

SIVA ANBARASAN
 m arch (usa, england) mca,
 regd architect r 2 no 191
 cano- 0769