

PROPOSED RESIDENTIAL FLATS
IN PLOT NO 84, RADHA NAGAR MAIN
ROAD, CHROMEPET, MADRAS 44.

S. NO. 437/21
BLOCK NO. ...
ZAMIN PALLAVARAM

Revised Plan
Dt. 3.6.92
CMDA (B)/PP No. 1
C. No. 31/309/96

LEGEND.

M.D. 1.00 X 2.13	MAIN DOOR
D1 - 0.91 X 2.13	DOOR
D2 - 0.76 X 2.13	DOOR
RS - 2.50 X 2.13	ROLLING SHUTTER
FW - 1.83 X 1.83	FRENCH WINDOW
FWL - 2.44 X 1.83	DOOR
W1 - 1.52 X 1.37	WINDOW
W2 - 1.22 X 1.37	DOOR
W3 - 0.88 X 1.37	DOOR
KW - 1.22 X 1.07	KITCHEN WINDOW
V - 0.91 X 0.61	VENTILATOR
V1 - 0.76 X 0.61	DOOR

AREA STATEMENT

Ground floor area.

CONSULTING OFFICE AREA - 37.80 sq.m

FLAT GA AREA - 63.37

FLAT GB AREA - 42.35

FLAT GC AREA - 49.53

COMMON AREA - 16.76

TOTAL - 209.81

First floor area.

FLAT 1A AREA - 54.39 sq.m

FLAT 1B AREA - 61.27

FLAT 1C AREA - 49.56

FLAT 1D AREA - 49.53

COMMON AREA - 16.76

TOTAL - 231.41

Second floor area.

FLAT 2A AREA - 48.72 sq.m

FLAT 2B AREA - 54.68

FLAT 2C AREA - 46.12

FLAT 2D AREA - 46.19

COMMON AREA - 16.76

TOTAL - 207.47

Third floor area.

FLAT 3A AREA - 41.97 sq.m

FLAT 3B AREA - 46.61

FLAT 3C AREA - 28.57

FLAT 3D AREA - 28.64

COMMON AREA - 17.10

TOTAL - 162.89

TOTAL BUILT UP AREA - 816.58 sq.m

PLOT AREA - 5885.95 sq.m (or) 546.80 sq.m

F. S. I - 1.43 times. (AS PER SITE)

SERVICE AREA - 22.30 m²

NOTE

PROPOSED ROAD COVERAGE - 42.5%

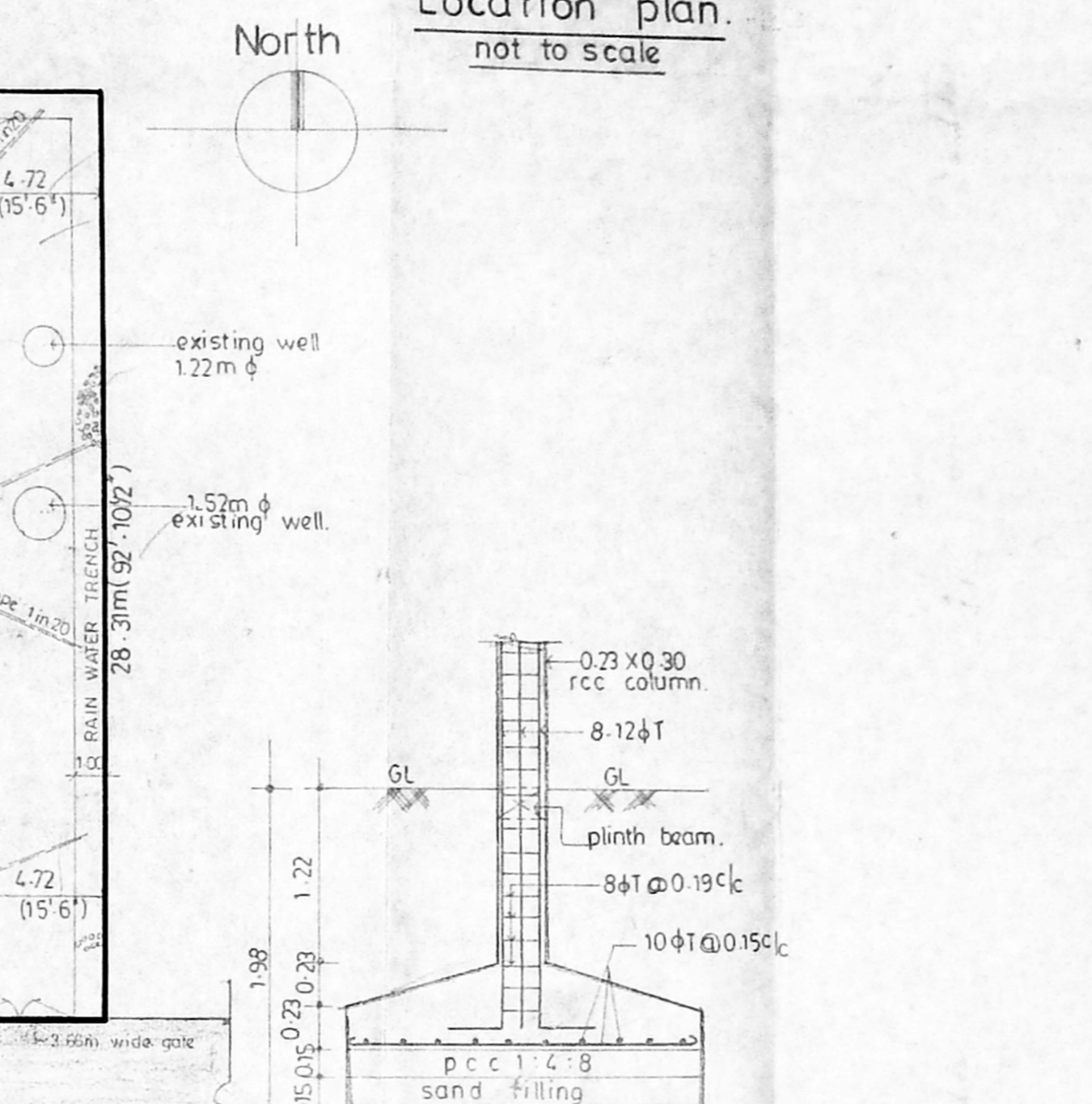
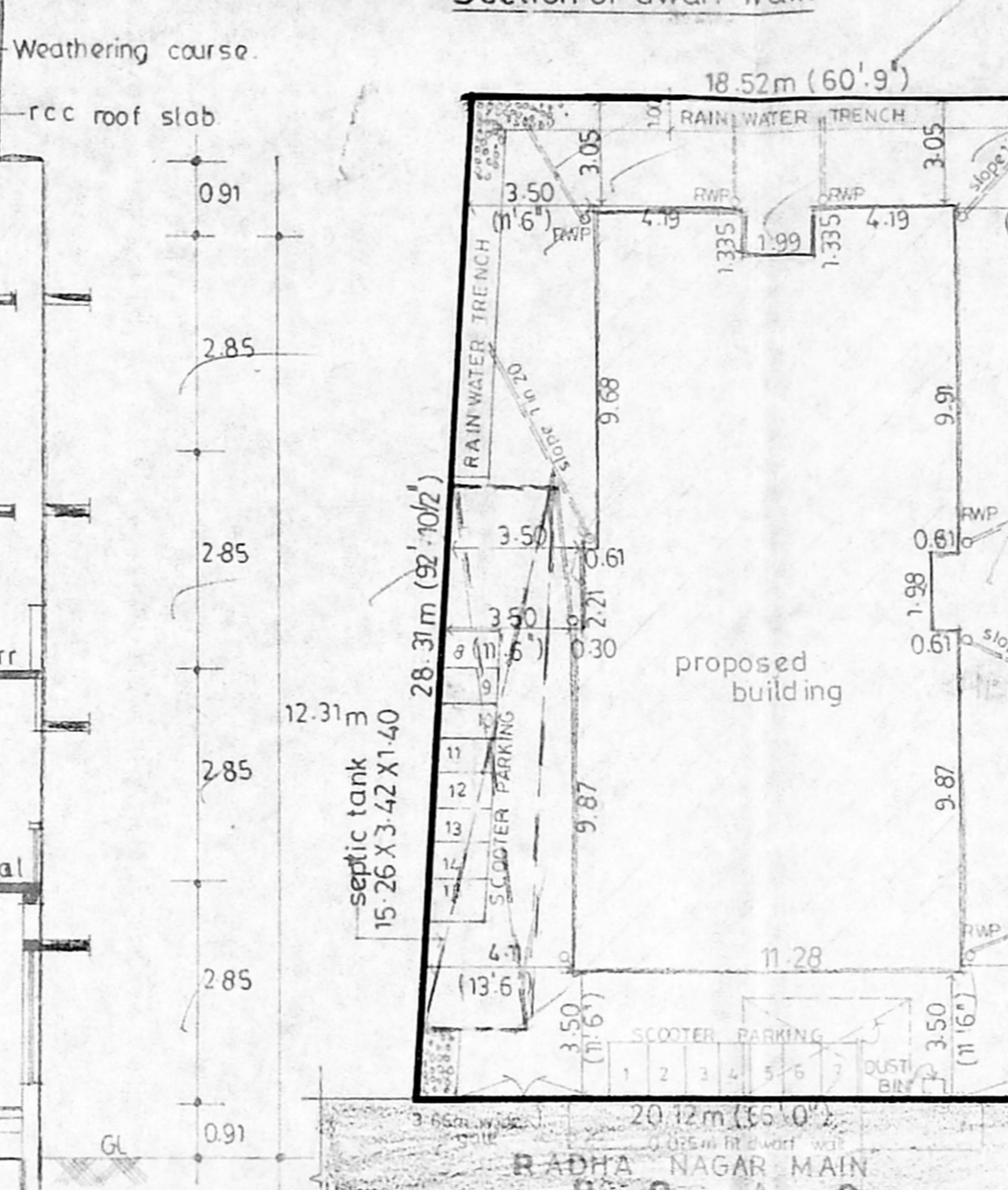
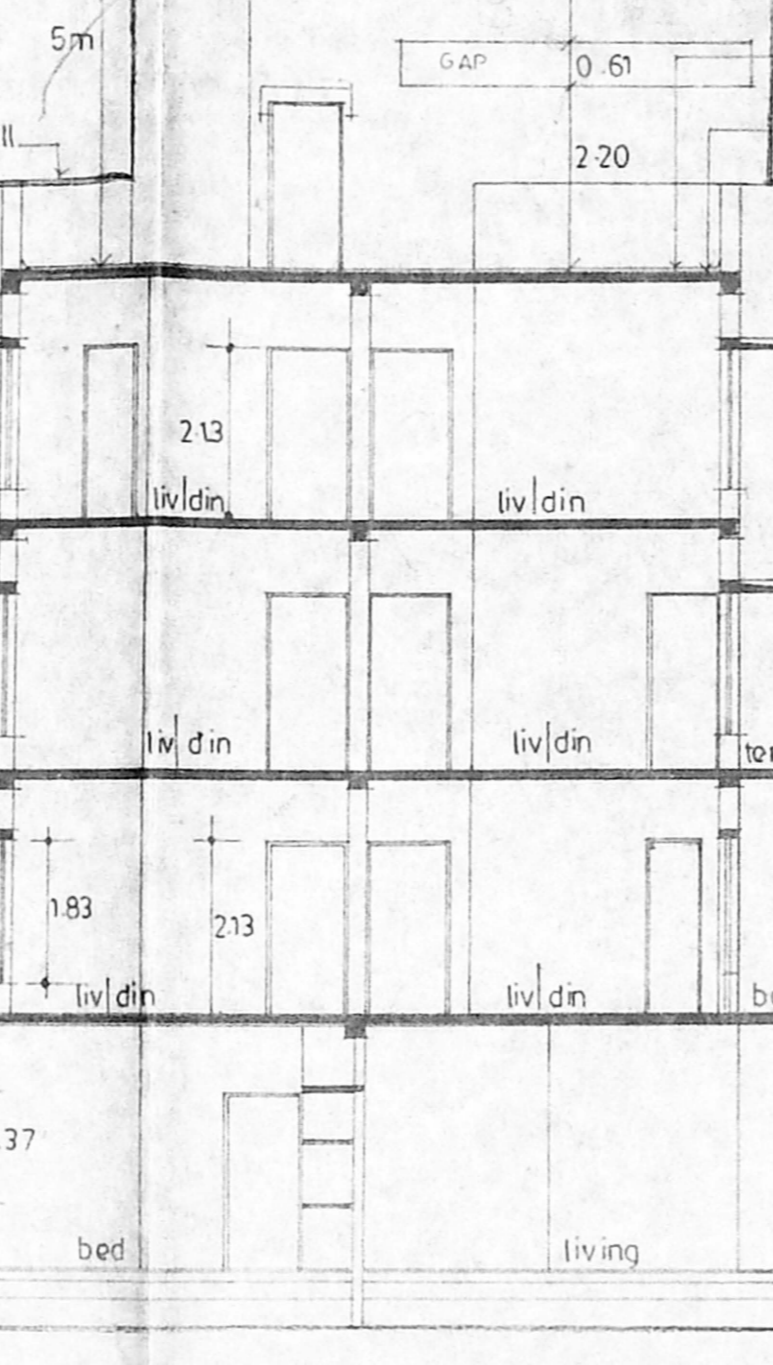
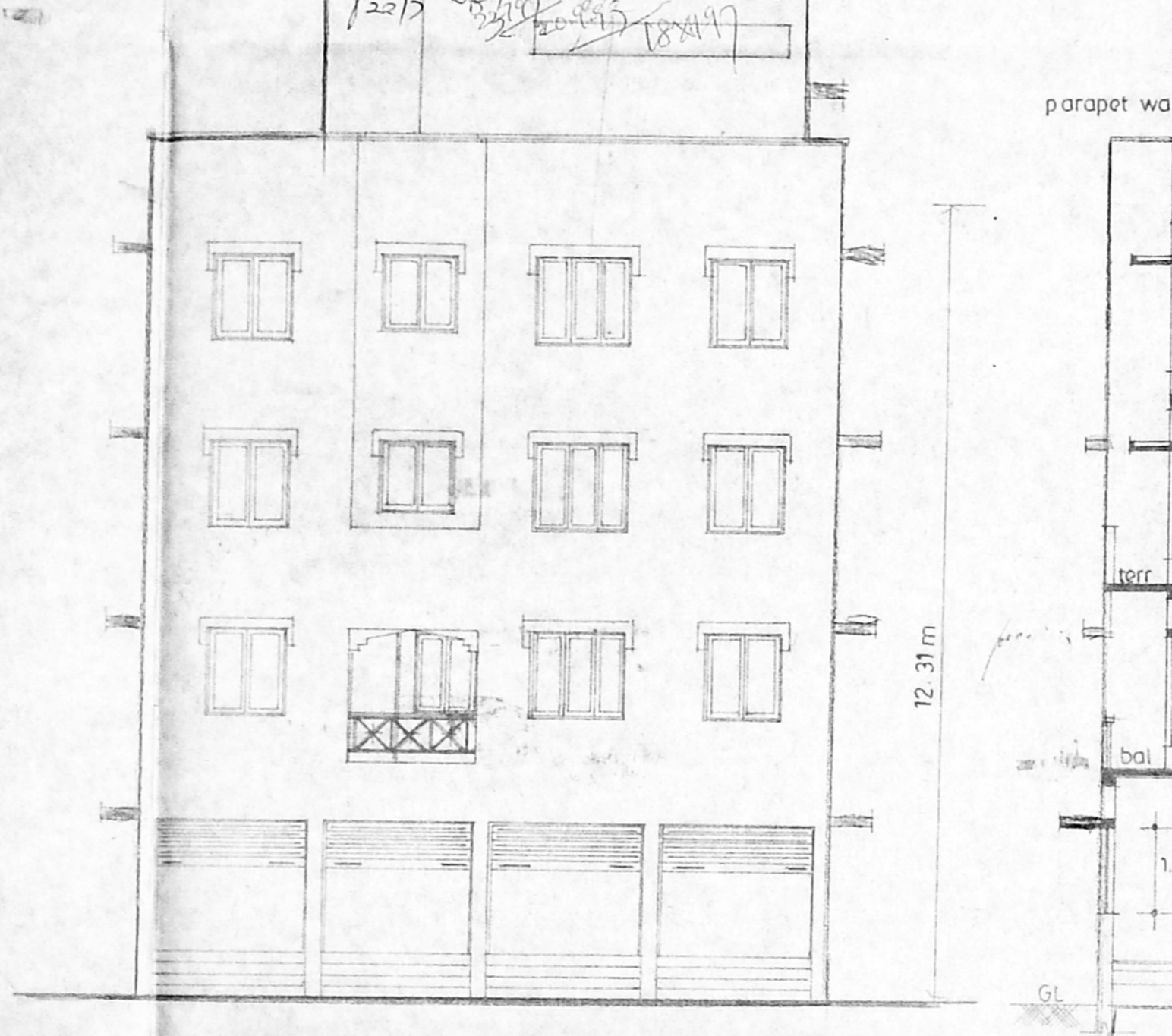
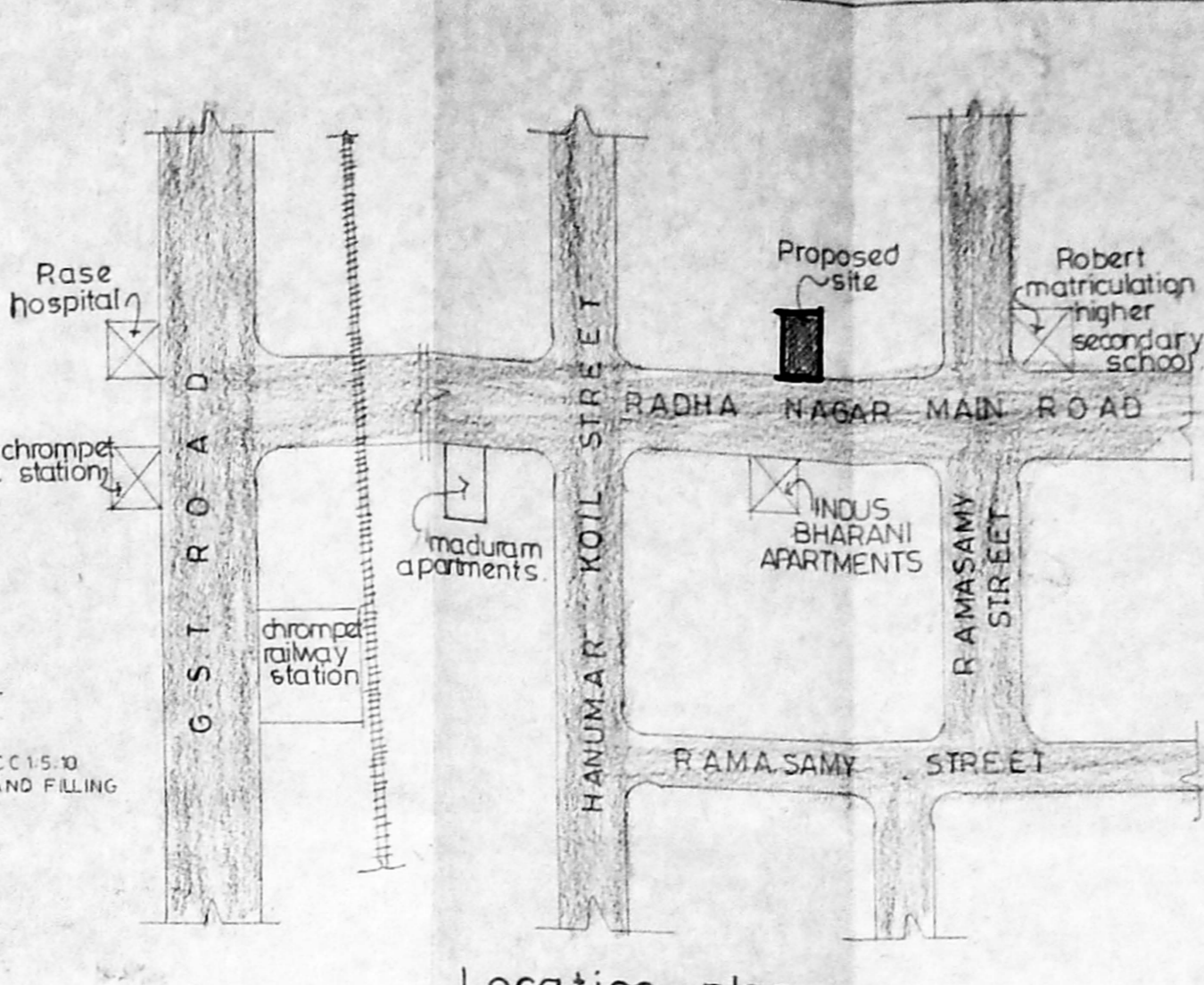
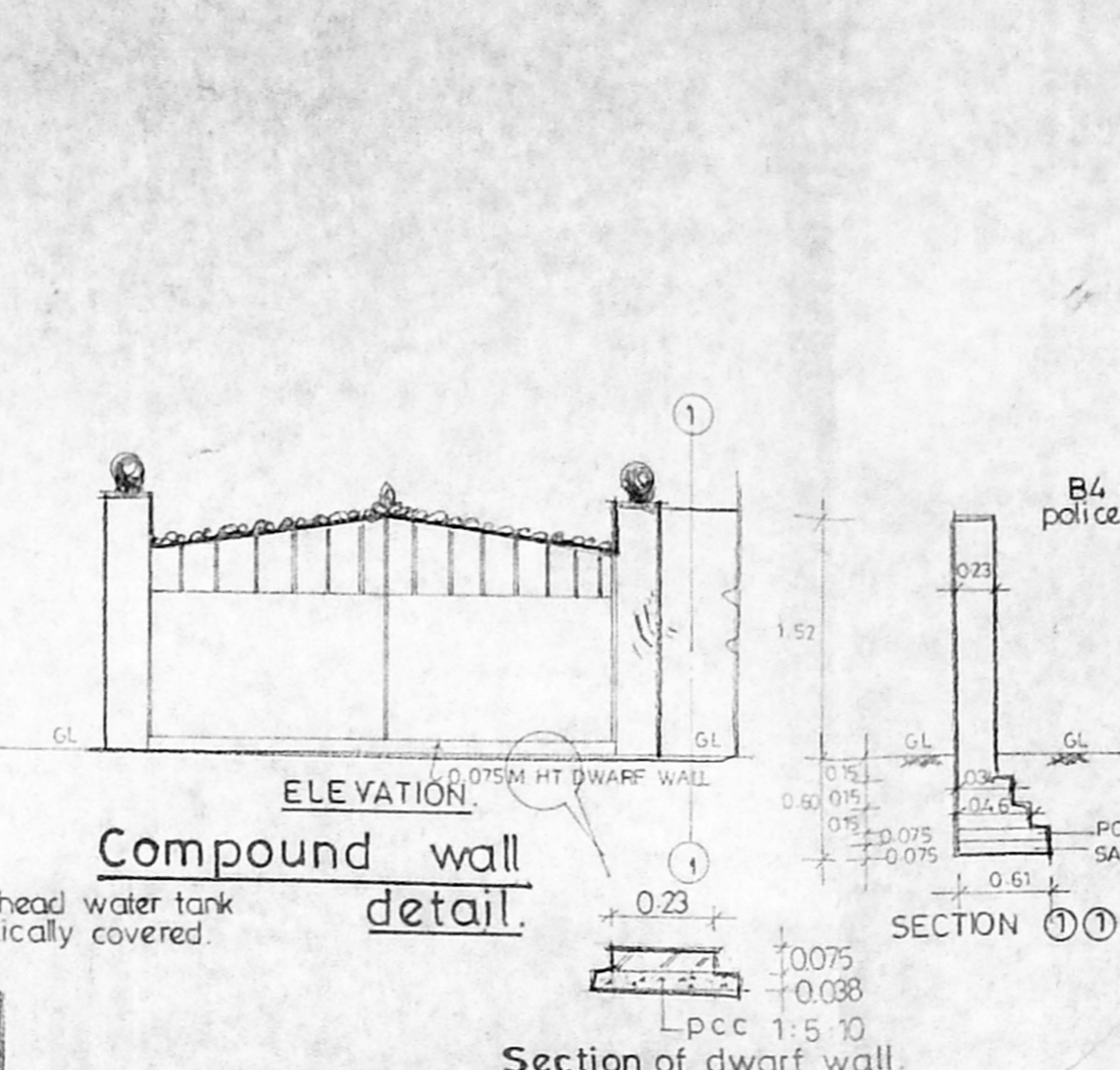
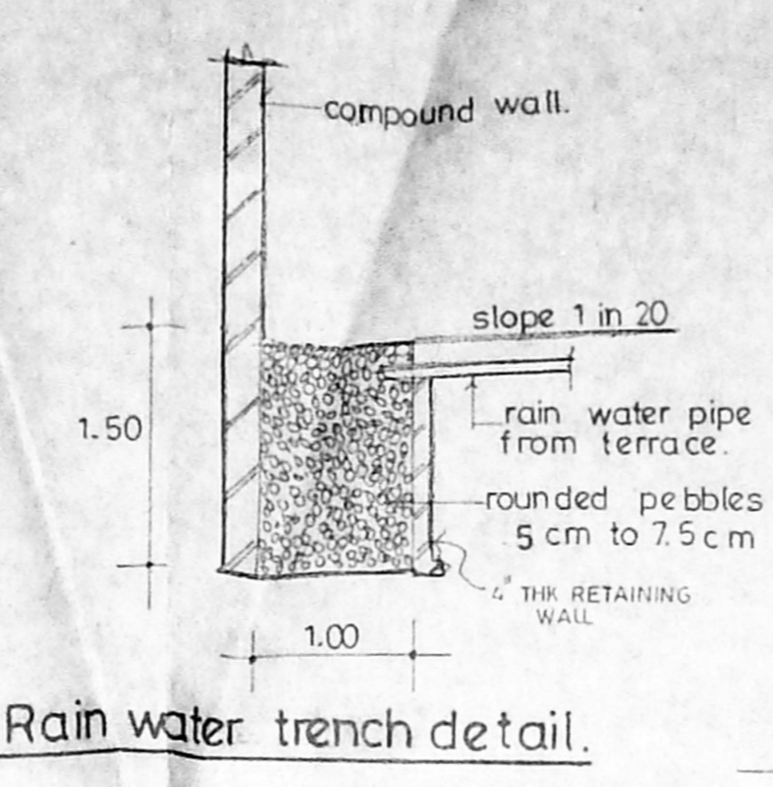
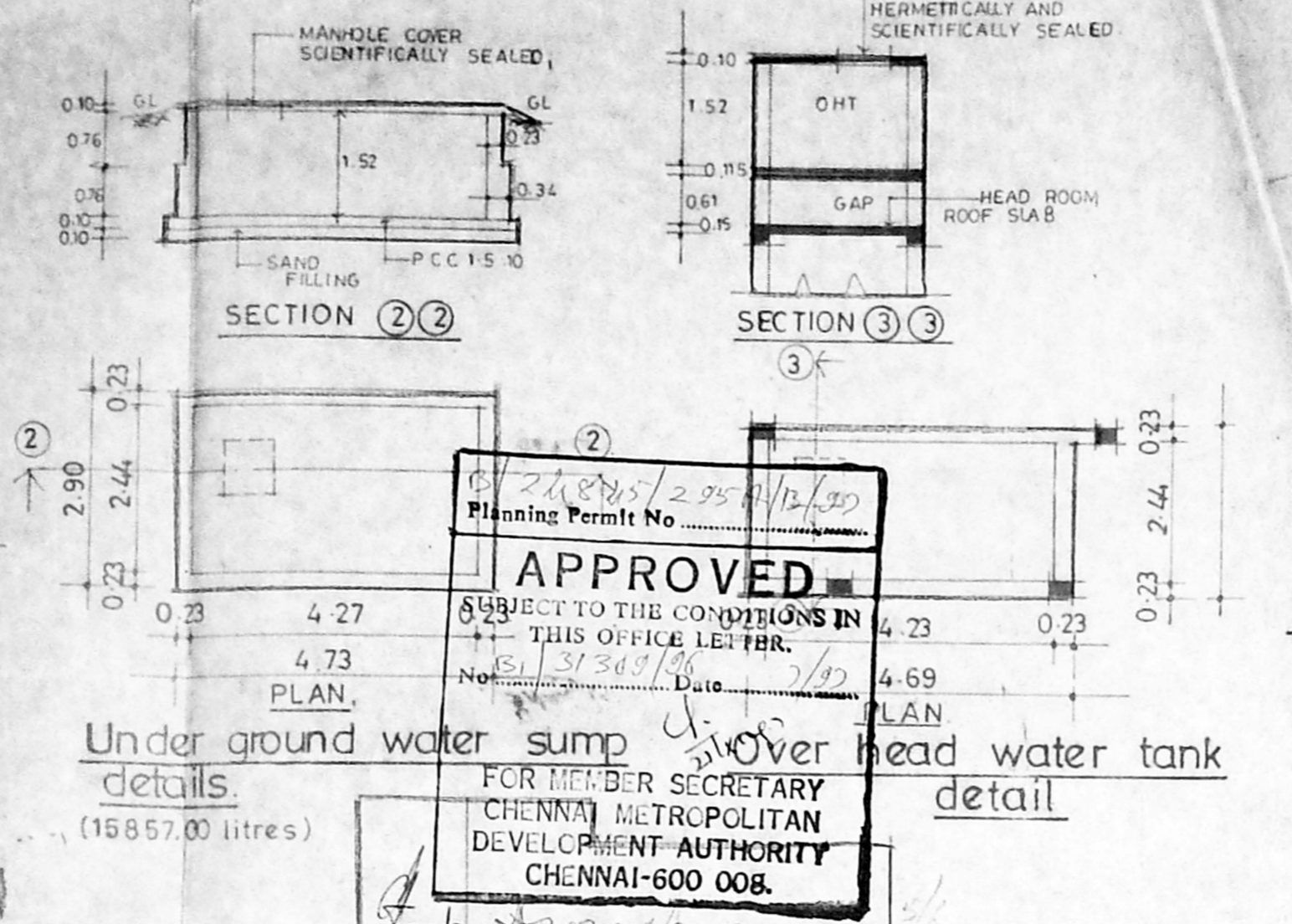
SCALE - 100 DATE -

ALL DIMENSIONS ARE IN METRES

SIGNATURE OF OWNER

P. RAJESH, ALL INDIA FIRA, MCA, IIT
LICENSED SURVEYOR CLASS I, F.A.S.S.
CORPORATION OF MADRAS
16 VENKATRAMAN ST., T. NAGAR, MADRAS-17

P.RAV ARCHITECTS PVT LTD
P. RAVI B ARCH, IIA AND FIRA, FIV,
REGD. ARCHITECT
16, VENKATRAMAN STREET,
T. NAGAR, MADRAS-17
phone: 8221308
824434

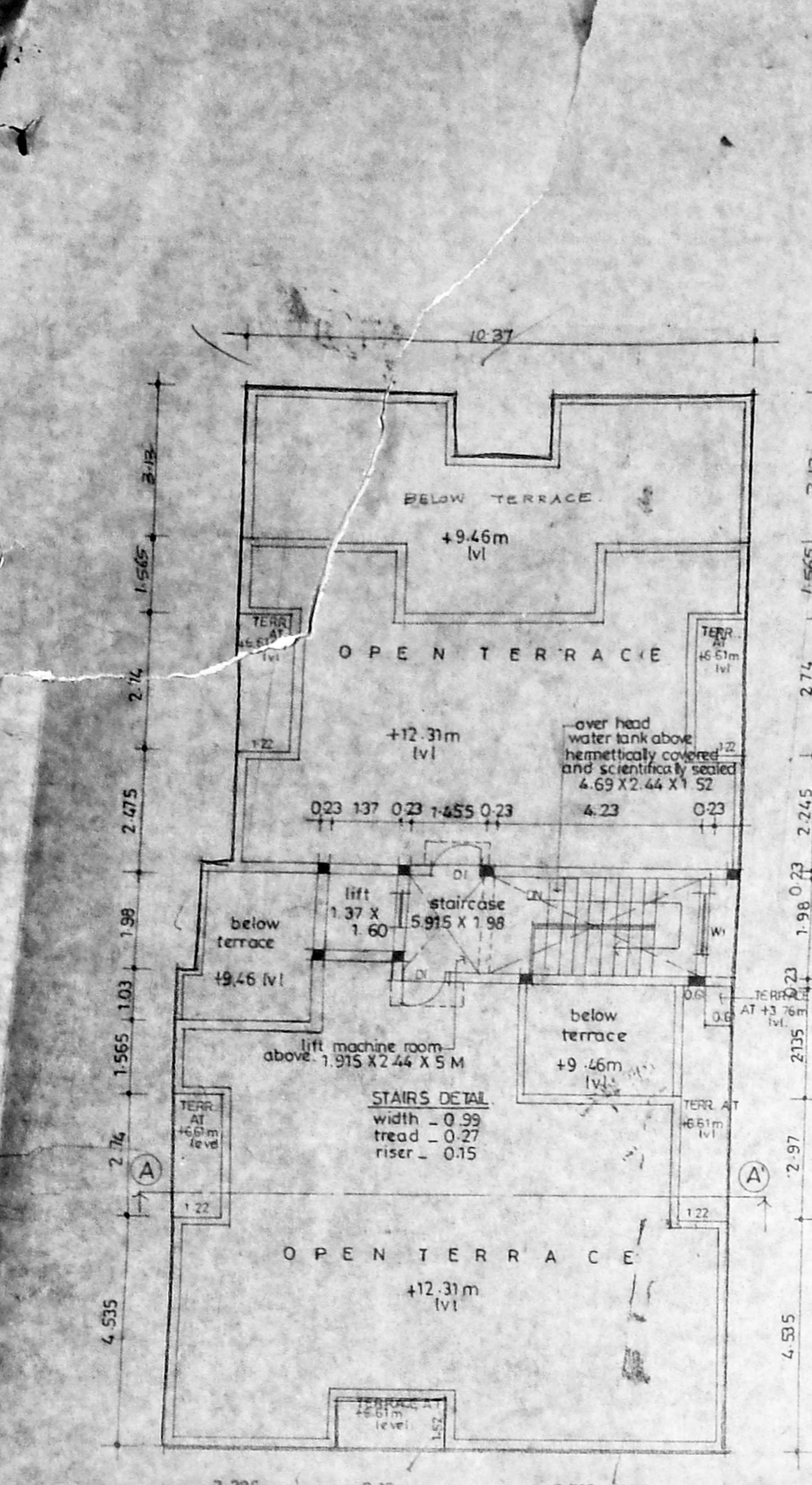


Front elevation.

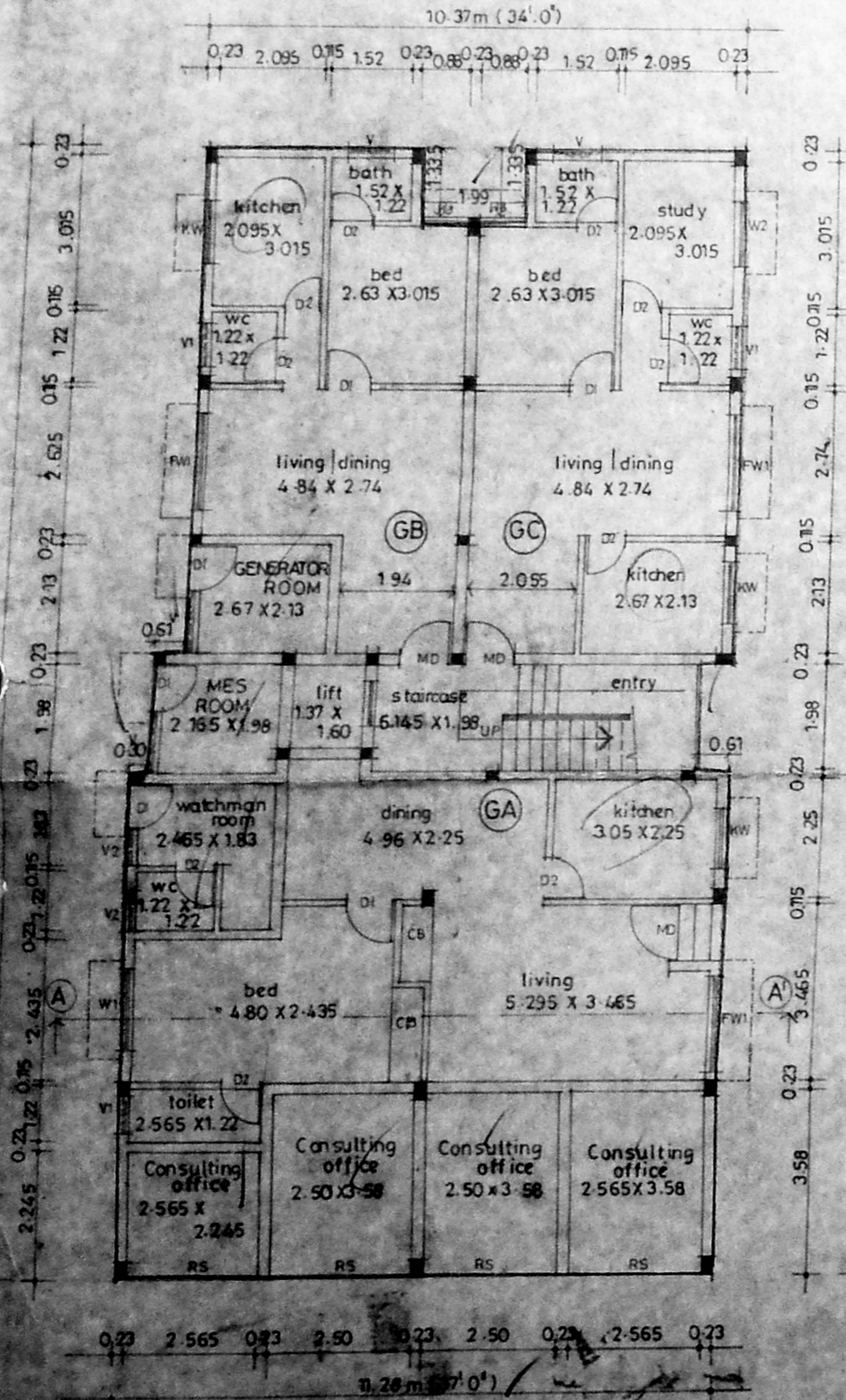
Section A-A

Site plan.

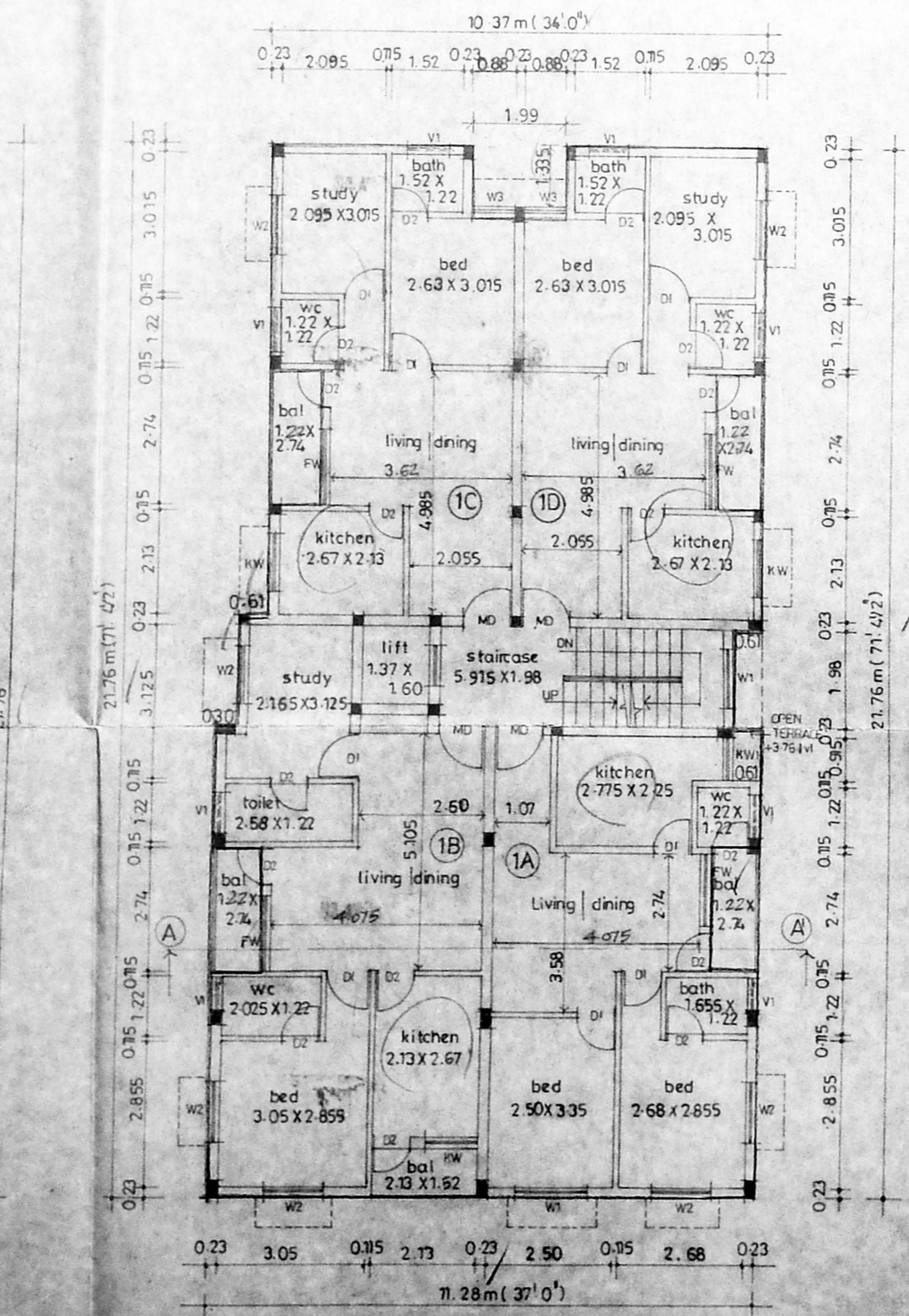
Column foundation detail.



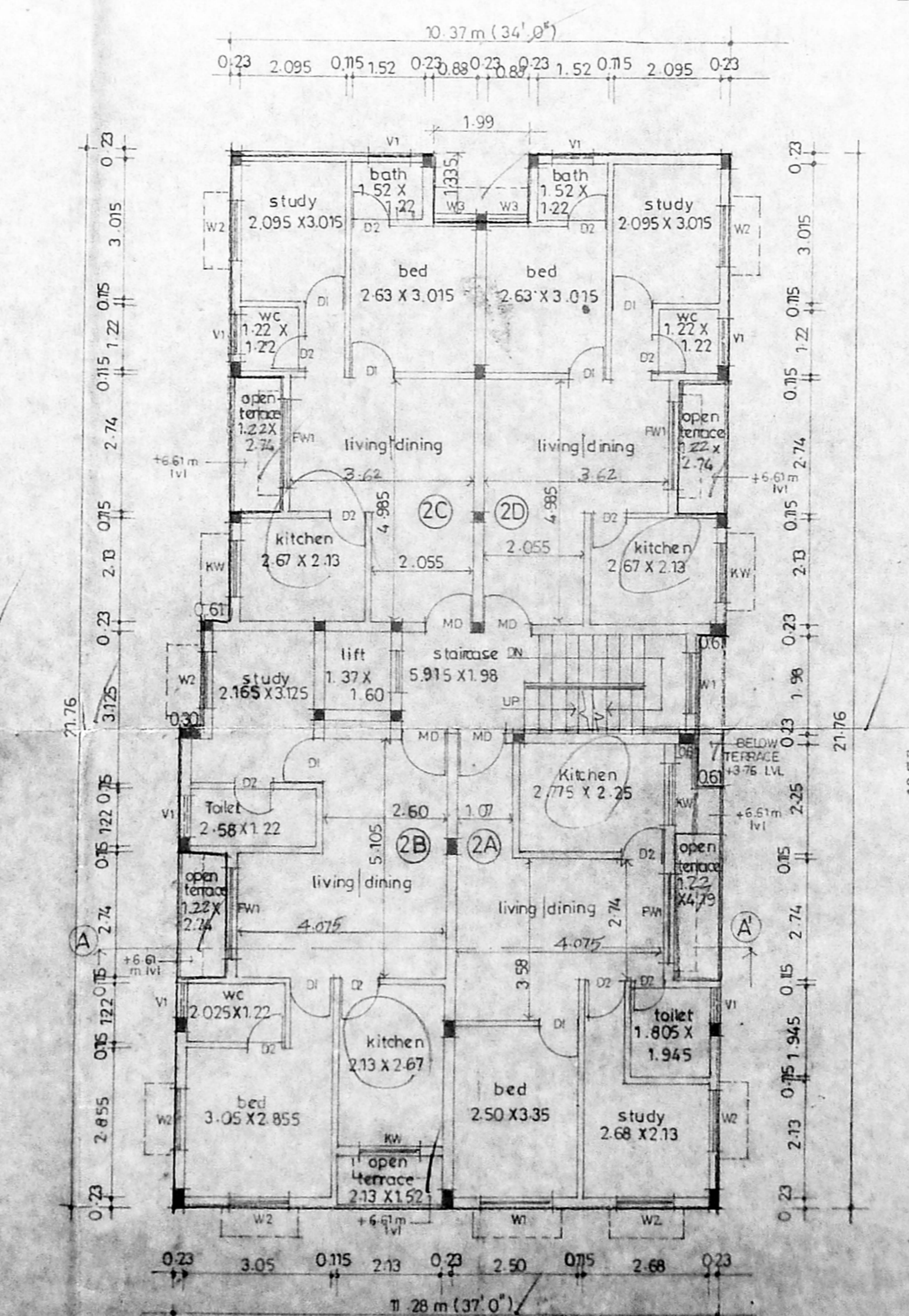
Terrace floor plan.



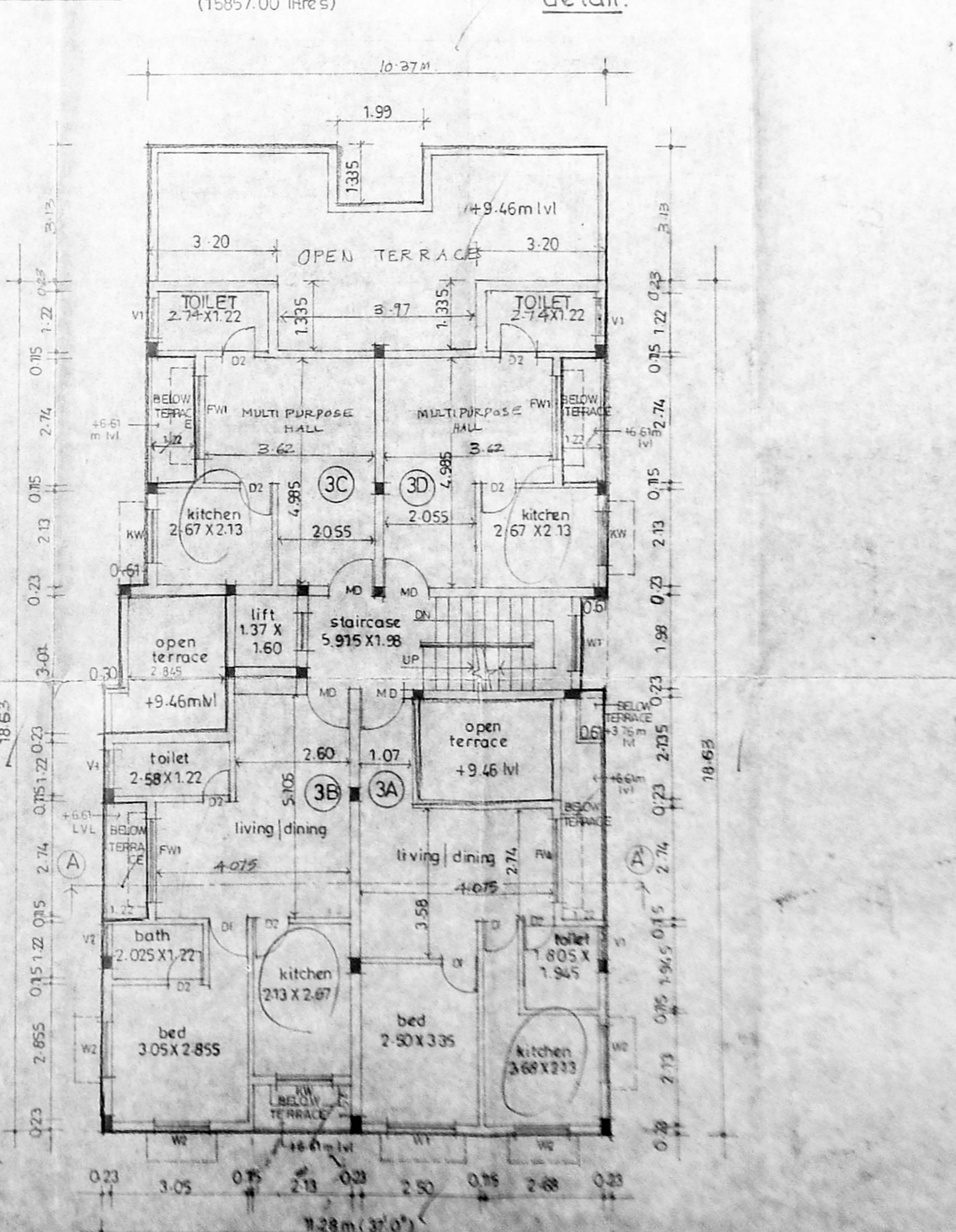
Ground floor plan.



First floor plan.



Second floor plan.



Third floor plan.

WASTE WATER DISPOSAL & SEWAGE TREATMENT PLANT

Revised Plan
Dt: 3.6.92

CALCULATION

NO. OF DWELLING UNITS 15 nos.
 NO OF USERS 56 + 6
 (SINGLE BED ROOM) (DOUBLE BED ROOM)
 TOTAL 62 nos.
 NO. OF UNITS PER DWELLING :
 SINGLE BED ROOM 2 UNIT
 NO OF FLATS 14
 DOUBLE BED ROOM 2 UNIT
 NO. OF FLATS 1

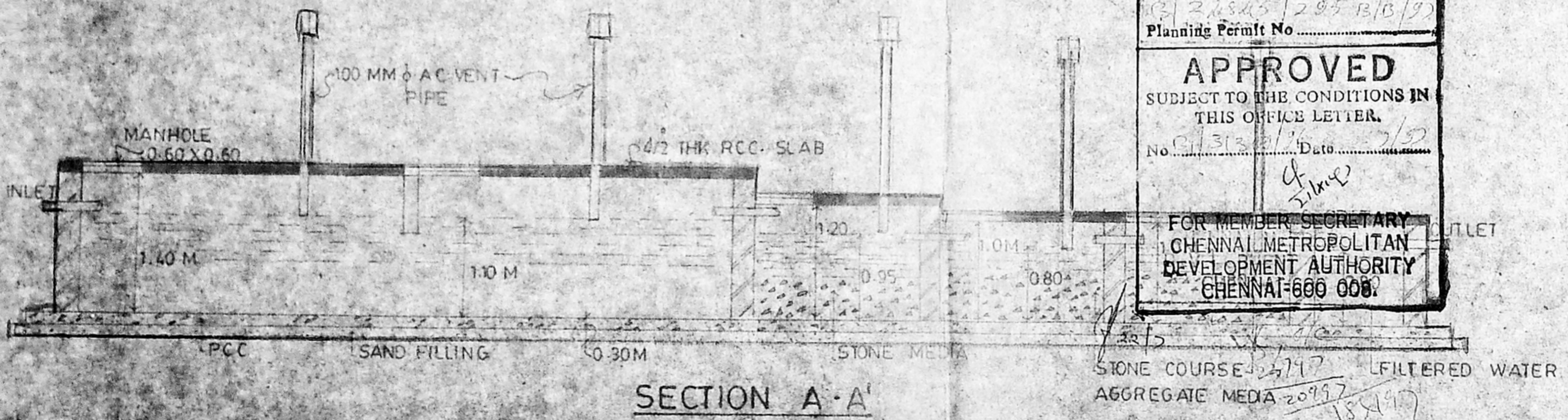
AS PER GOVT OF INDIA MANUAL ADOPTING
 A PEAK FACTOR OF .6
 PEAK DISCHARGE : $6 \times 2 \times 14 + 6 \times 2 \times 1$
 $= 168 + 12 = 180 \text{ litre } \frac{1}{\text{minute}}$
 RATIO ASSUMED 1:3 CO EFF. 0.92
 SURFACE AREA OF SEPTIC TANK REQUIRED = $\frac{180 \times 0.92}{10}$
 $= 16.56 \text{ say } 17 \text{ m}^2$
 PROVIDED SIZE 6.80 X 2.50 m

LIQUID DEPTH (calculation for one tank)
 VOLUMN OF SEDIMENTATION = $12 \times 0.30 = 5.10 \text{ m}^3$
 VOLUMN OF SLUDGE STORAGE = $62 \times 0.0002 \times 36.50$
 $= 0.45 \text{ m}^3$
 VOLUMN OF DIGESTION = 62×0.032
 $= 1.98 \text{ m}^3$
 TOTAL = 7.53 m³
 LIQUID DEPTH $\frac{\text{VOLUMN}}{\text{SURFACE AREA}} = \frac{7.53}{100} = 0.075 \text{ m}$
 INLET PIPES INVERT LVL ASSUMING A GRADIENT OF
 1 IN 80 STARTING FROM FIRST CHAMBER = 0.61 m.
 TOTAL LIQUID DEPTH = $0.075 + 0.61 = 0.685$
 PROVIDED LIQUID DEPTH = 1.10 m
 SIZE OF TANK = 6.80 X 2.50 X 1.1 m

UPFLOW FILTERS
 NO OF USERS = 62 persons
 VOLUMN OF LIQUID = $62 \times 0.045 = 2.79 \text{ m}^3$
 DEPTH 1.10 0.30 0.80 m
 AREA OF FILTER
 $\frac{2.79}{0.80} = 3.49 \text{ m}^2 \text{ say } 3.50 \text{ m}^2$
 OVER ALL SIZE = 1.40 X 2.50 X 1.10 M
 UP FLOW FILTER 1 = 1.40 X 2.50 X 0.95
 UPFLOW FILTER 2 = 1.40 X 2.50 X 0.80
 UPFLOW FILTER 3 = 1.40 X 2.50 X 0.80

CMDA (B)/PP No. 1	
C. No. <u>B/31309/96</u>	
Asst. _____	
Scrutiny _____	
P. A. _____	
A.P.	D.P.

S.NO	NAME	SIZE
1	SEPTIC TANK	6.80 X 2.50 X 1.10 m
2	UP FLOW FILTER 1	1.40 X 2.50 X 0.95
3	UP FLOW FILTER 2	1.40 X 2.50 X 0.80
4	UPFLOW FILTER 3	1.40 X 2.50 X 0.80



(B) 21845 / 205 B/B/92
 Planning Permit No. _____
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. B/31309/96 Date 2/92
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

PROPOSED RESIDENTIAL
 FLATS IN PLOT NO.. 84,
 RADHA NAGAR MAIN ROAD,
 CHROMEPET, MADRAS -44.

S. NO .. 437/21

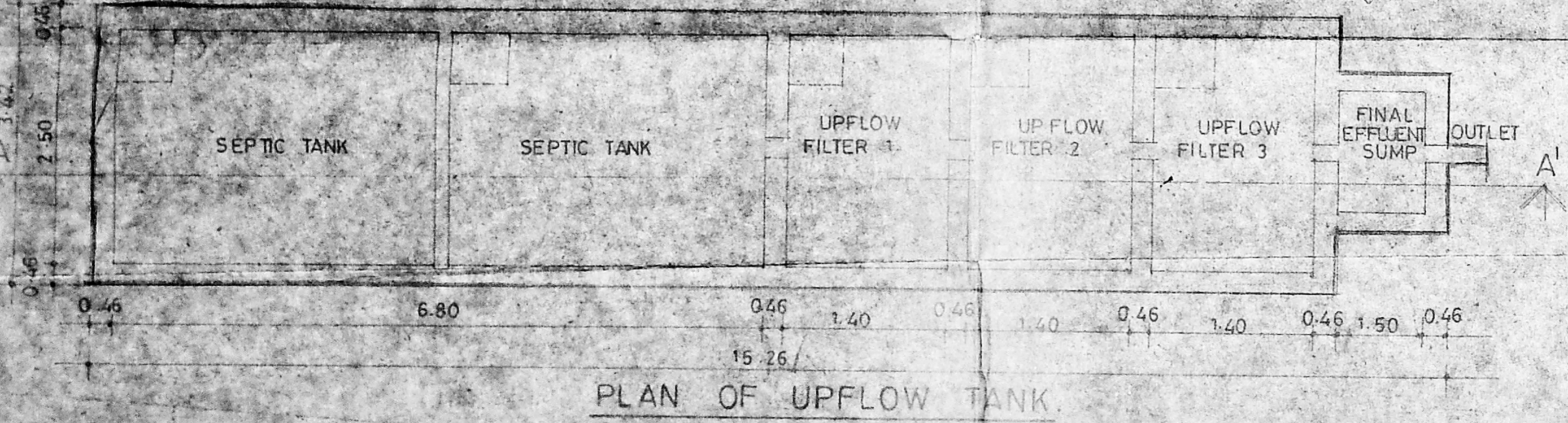
BLOCK NO. _____

SIGNATURE OF OWNER

P.RAVI B Arch., A.I.A. A.I.D. F.I.R.A. MCA. F.I.T.
 LICENCED SURVEYOR CLASS PA 23
 CORPORATION OF MADRAS
 16, VENKATRAMAN ST., T. NAGAR, MADRAS-7

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 REGD. ARCHITECT.
 16, VENKATRAMAN STREET,
 T. NAGAR, MADRAS -17.

PHONE .. 82213 09.
 82416 34



PLAN OF UPFLOW TANK.