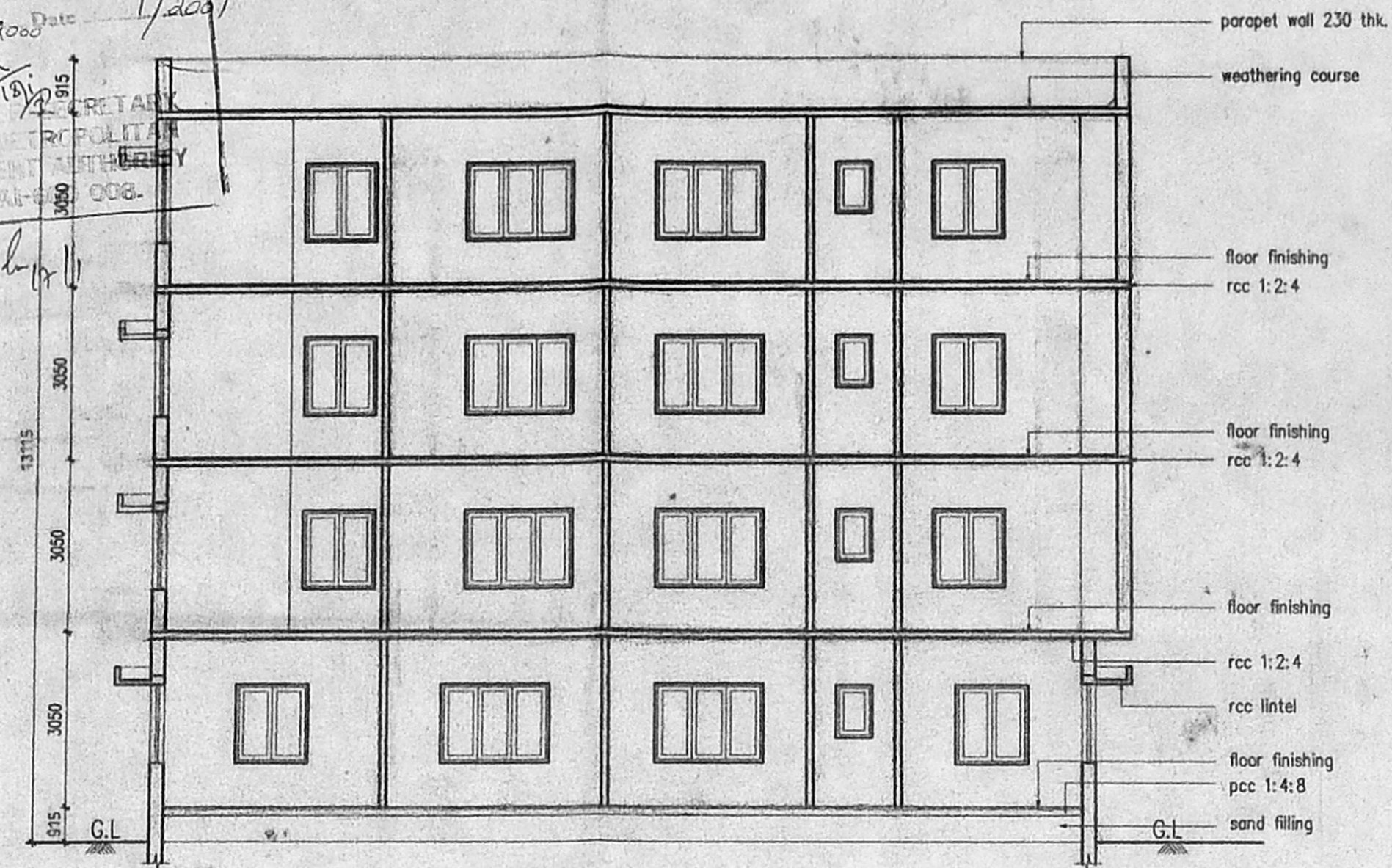


ELEVATION (1:100)

B/spl. bldg/23 A/c/2001
 Planning Permit No.
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 B3/40593/2003 Date 1/2001
 FOR THE SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.
 SP 171/10/11



SECTION A-A (1:100)

SCHEDULE OF JOINERY:

NO	DESCRIPTION	WIDTH	HEIGHT
D	T.W. PANALLED DOOR	991	2100
D1	T.W. PANALLED DOOR	915	2100
D2	T.W. PANALLED DOOR	762	2100
O	OPENING	915	2100
W1	T.W. GLAZED WINDOW	1830	1372
W2	T.W. GLAZED WINDOW	1200	1372
KW	T.W. GLAZED WINDOW	1200	1067
KW1	T.W. GLAZED WINDOW	915	1067
V1	T.W. GLAZED VENTILATOR	610	915

SPECIFICATIONS:

FOUNDATION	CONCRETE FOOTINGS
ROOF	1:6 FOR SUPER STRUCTURE
PLASTERING	CM 1:5 FOR WALLS & 1:3 FOR CEILING
FLOORING	MOSAIC FLOORING
CEMENT PAINT	2.COAT FOR WALLS & 1.EXTRA COAT FOR CEILING
R.C.C	1:2:4 FOR SLABS & LINTELS
WOOD WORK	ALL WOOD WORKS IN BEST QUALITY TIMBER
WEATHERING COURSE	BELLY LIME MORTAR OVER ROOF SLAB ONE LAYER OF COUNTRY TILES

COLOUR INDEX:

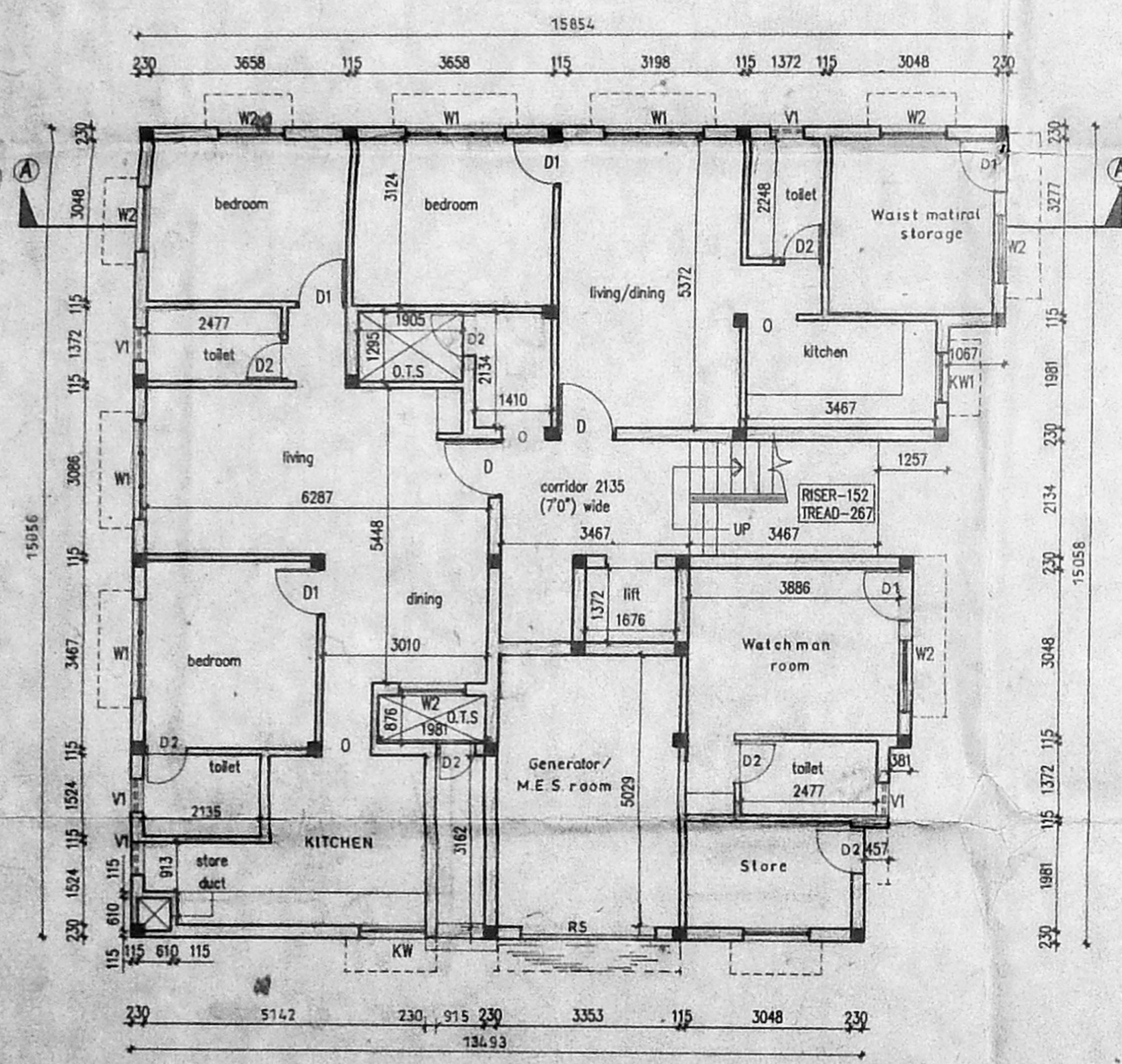
PROPOSED	[Color swatch]
ROAD	[Color swatch]
BOUNDARY	[Color swatch]

AREA STATEMENT SQ. M

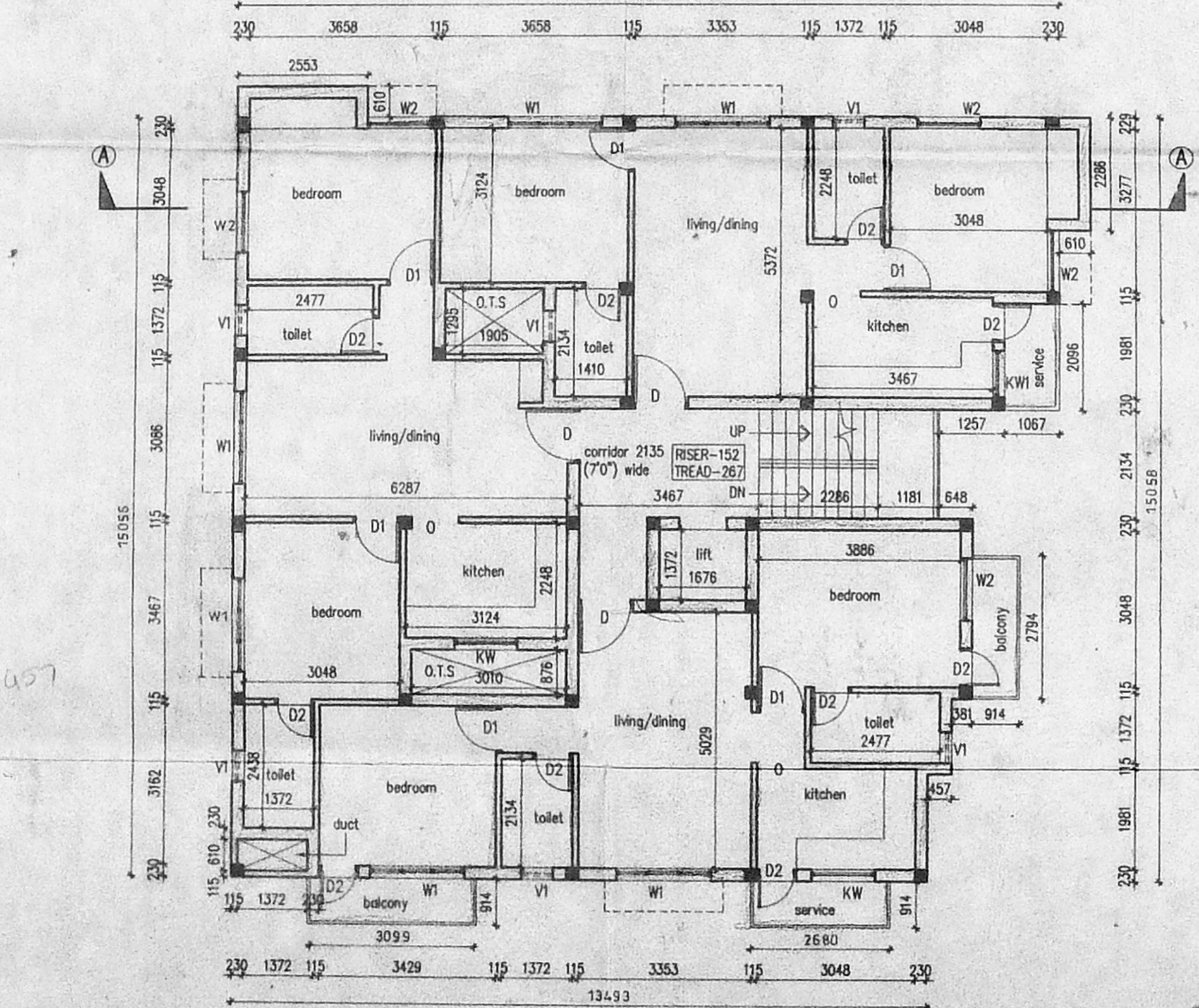
BLOCK - A	
GROUND FLOOR NON F.S.I	50.88 M ²
GROUND FLOOR F.S.I COUNTABLE AREA	188.20 "
FIRST FLOOR AREA	227.53 "
SECOND FLOOR AREA	227.63 "
THIRD FLOOR AREA	227.63 "
TOTAL	841.89 "
BLOCK - B	
GROUND FLOOR AREA	365.97 M ²
FIRST FLOOR AREA	404.62 "
SECOND FLOOR AREA	404.62 "
TOTAL	1175.21 "

AS PER SITE & DOCUMENT 15364 SQ.FT (1427.88 M²)
 AS PER PATA 14525 " (1349.90 M²)
 F.S.I. COUNTABLE (LEAST AREA) 43% F.S.I. 1.43
 PLOT COVERAGE 43% F.S.I. 1.43

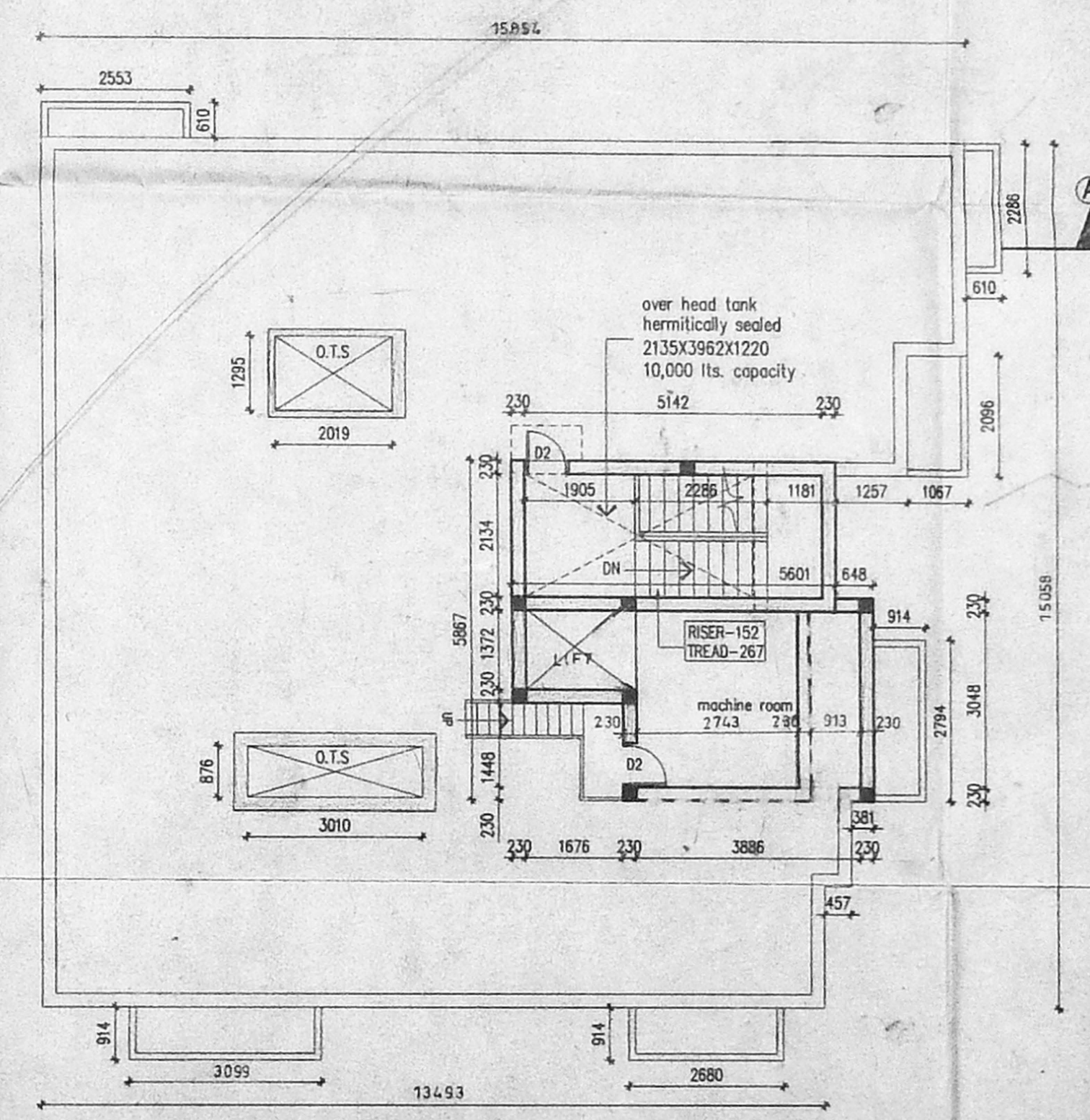
PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL FLATS AT PLOT NO.20, DOOR NO-17 SECRETARIAT COLONY IN NEW S.NO.594/3 Etc, (OLD) 603/2D1 AMBATTUR VILLAGE SAIDAPET TALUK, CHINGLEPUT DISTRICT AMBATTUR MUNICIPALITY. (BLOCK - A)



GROUND FLOOR PLAN (1:100)



FIRST, SECOND, THIRD FLOOR PLAN (TYPICAL FLOOR) (1:100)



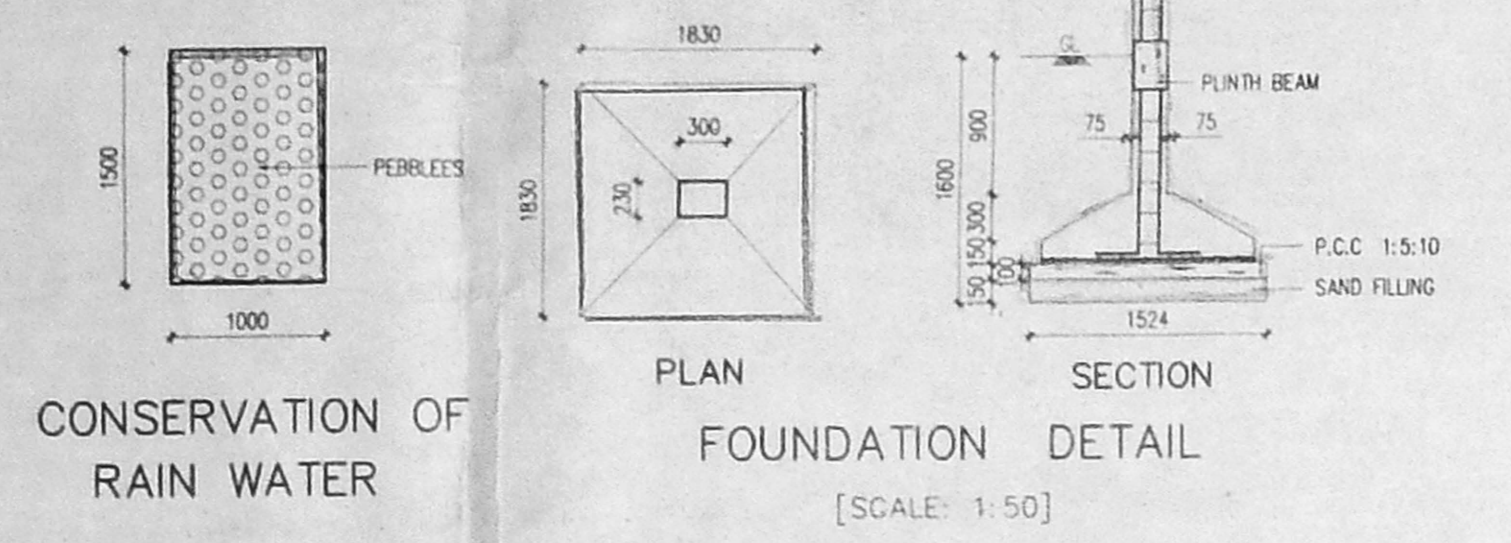
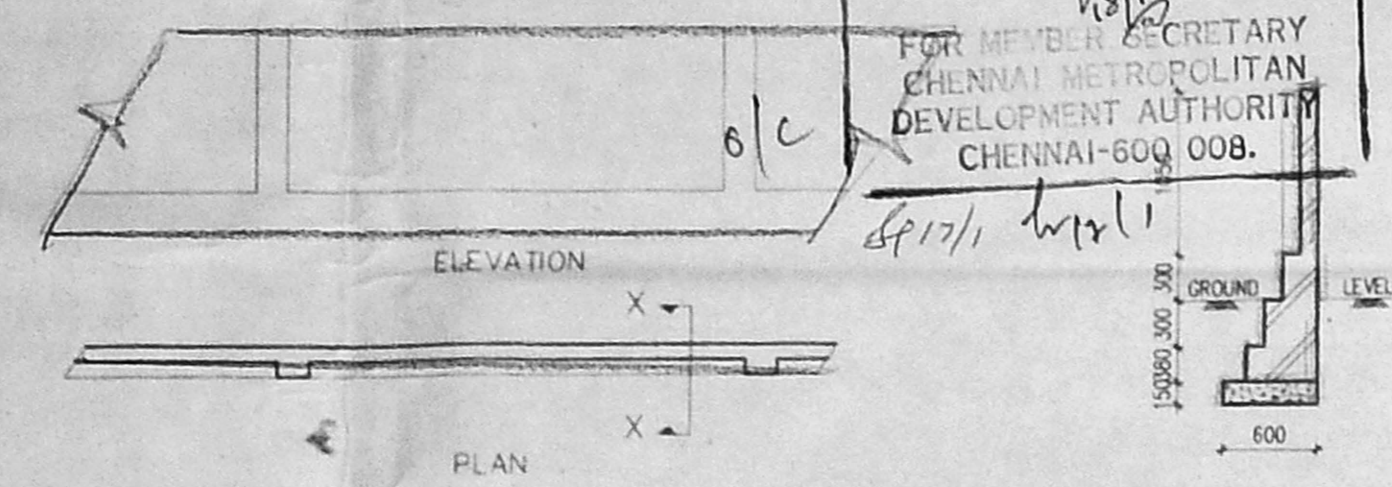
TERRACE FLOOR PLAN (1:100)

AMB-APP SCALE : 1 : 100
 DATE : 28TH JAN 2000
 DRAWN : B. Vignayakumar
 CHK :

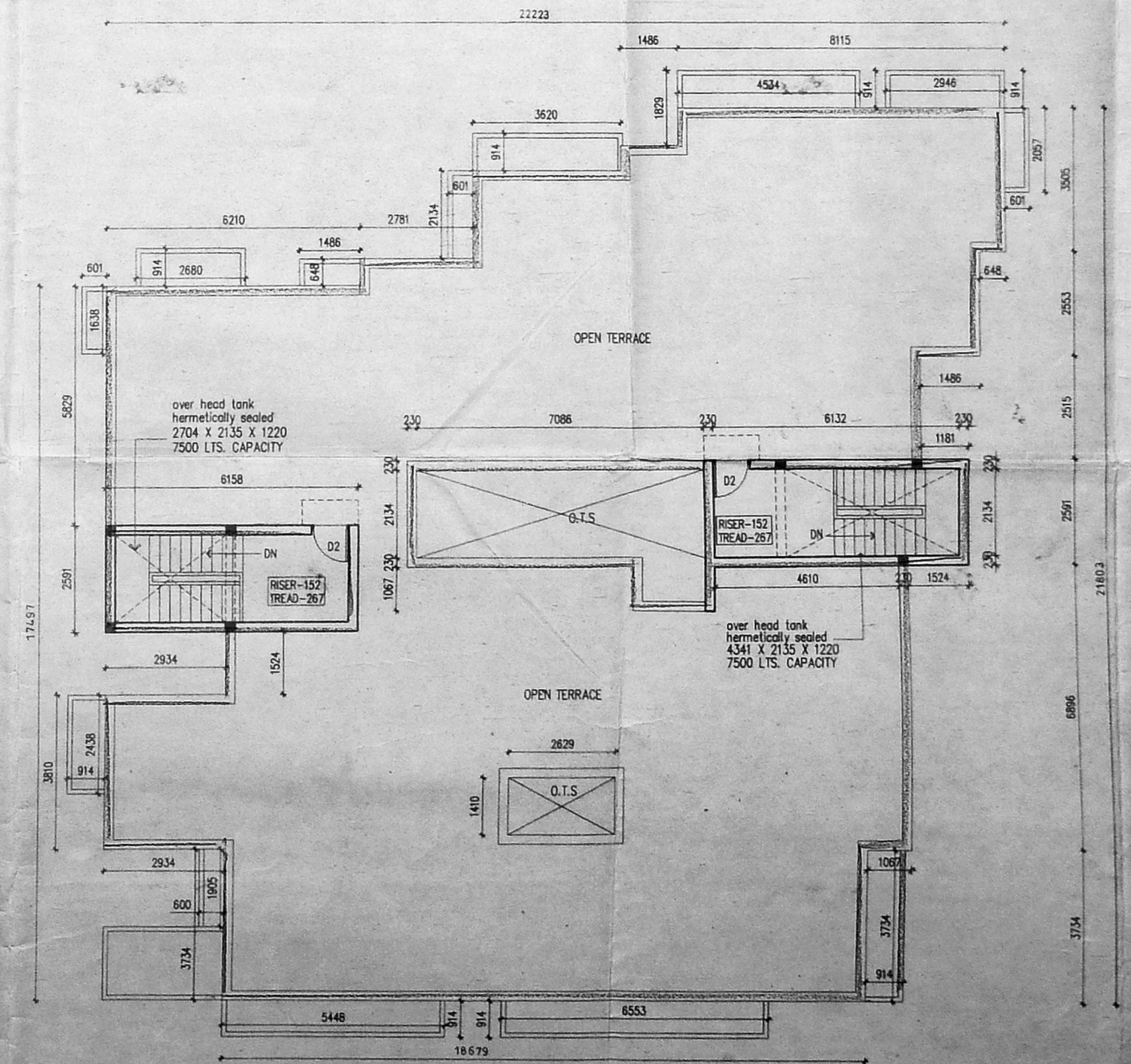
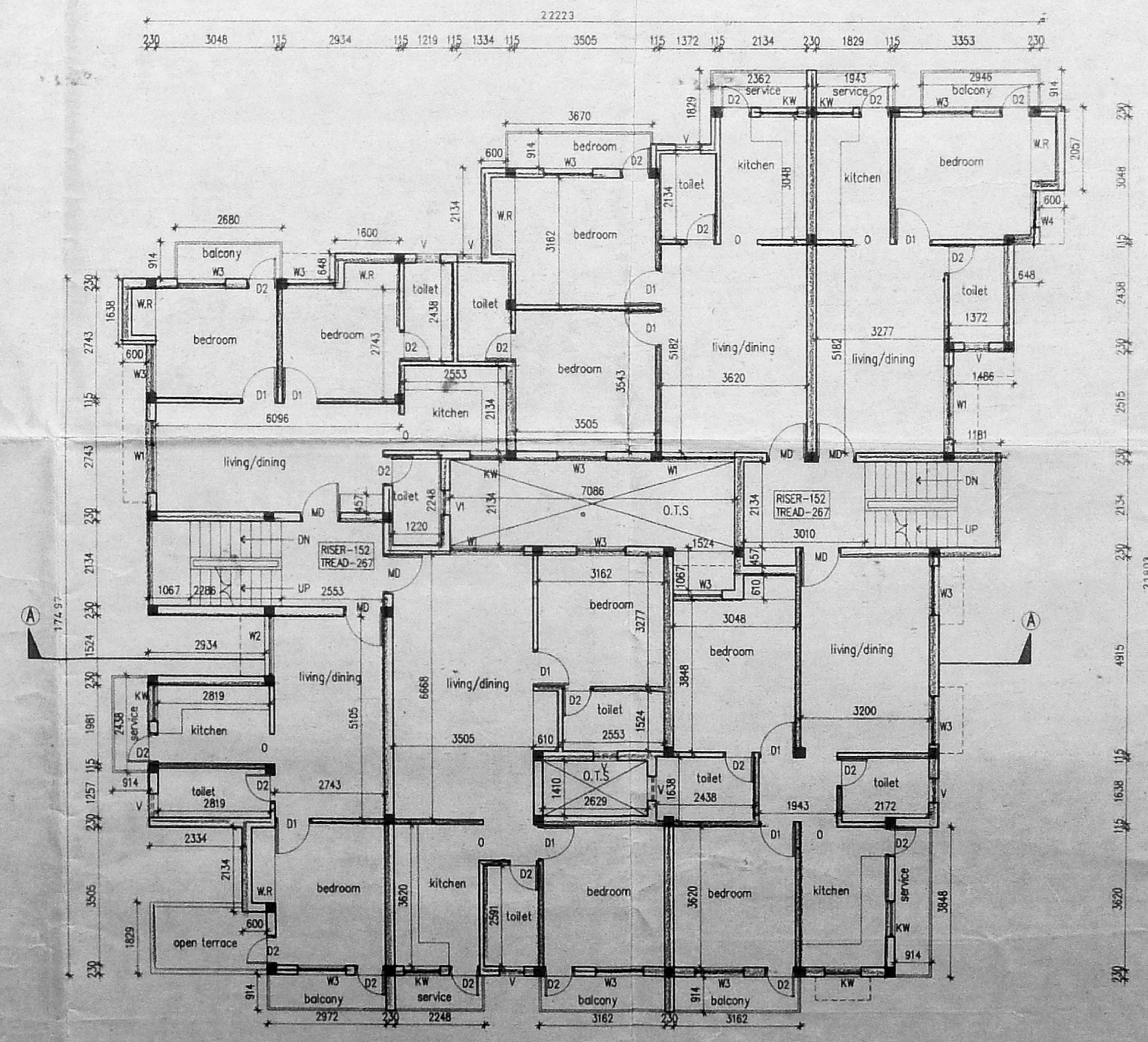
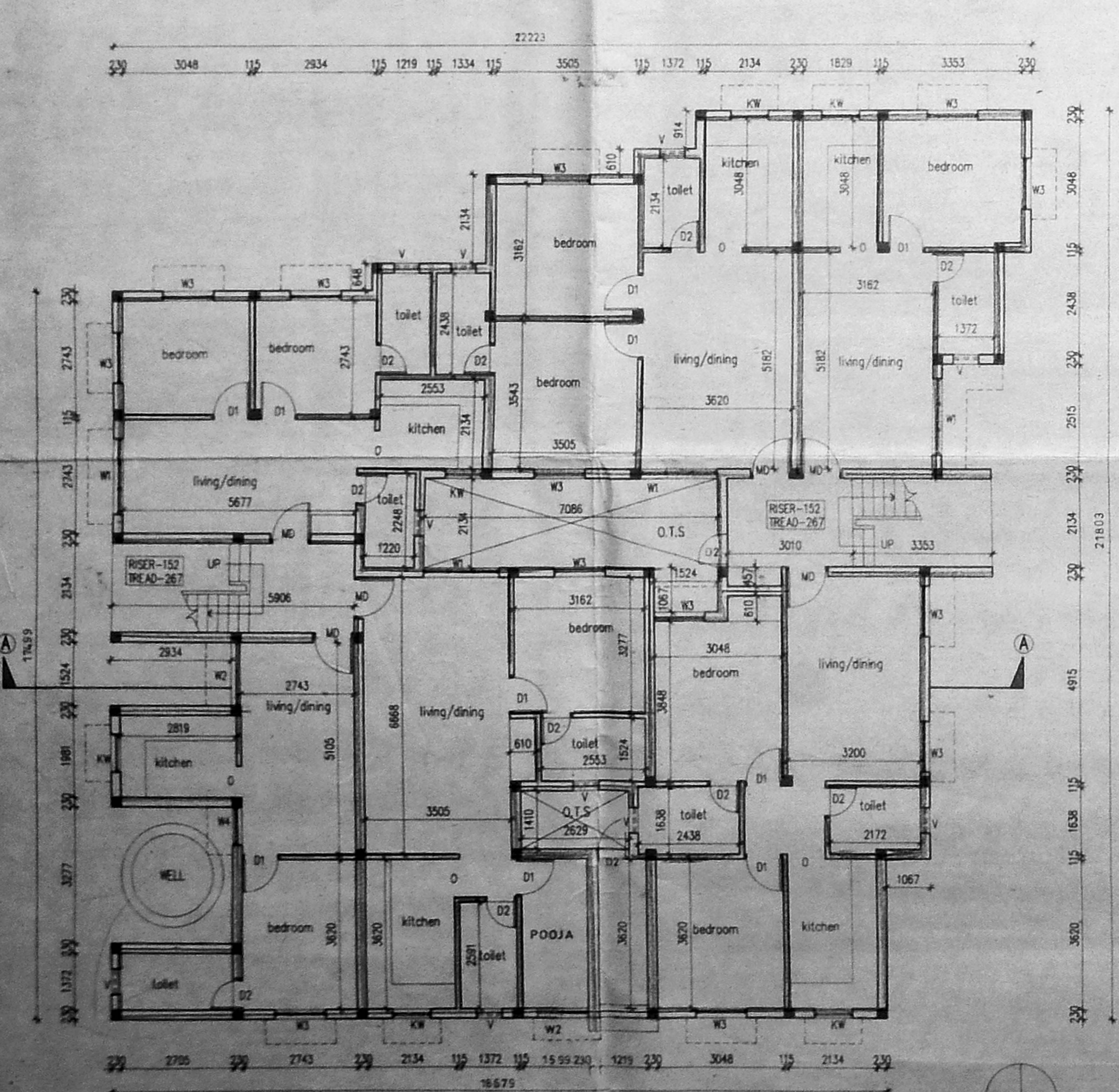
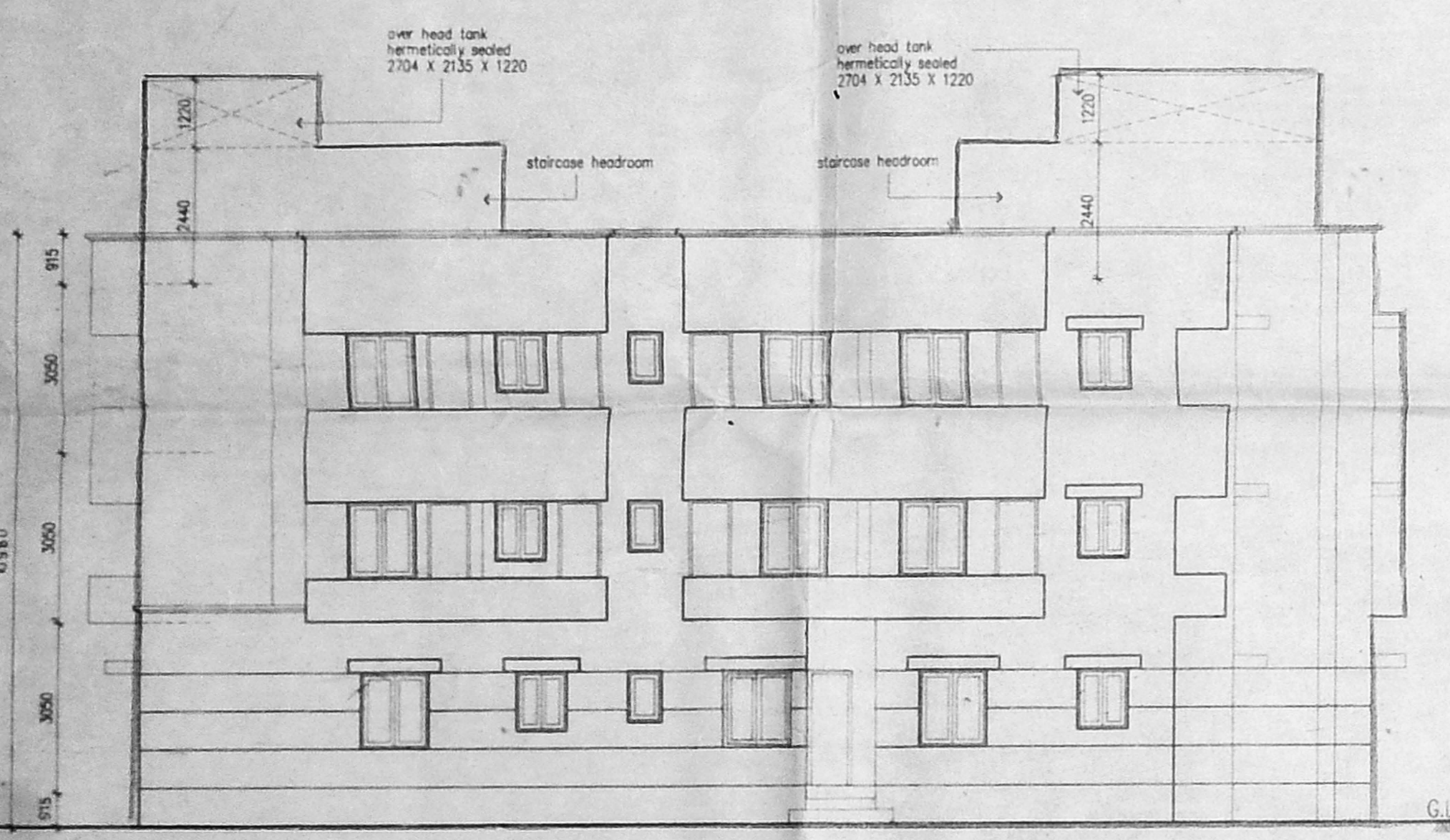
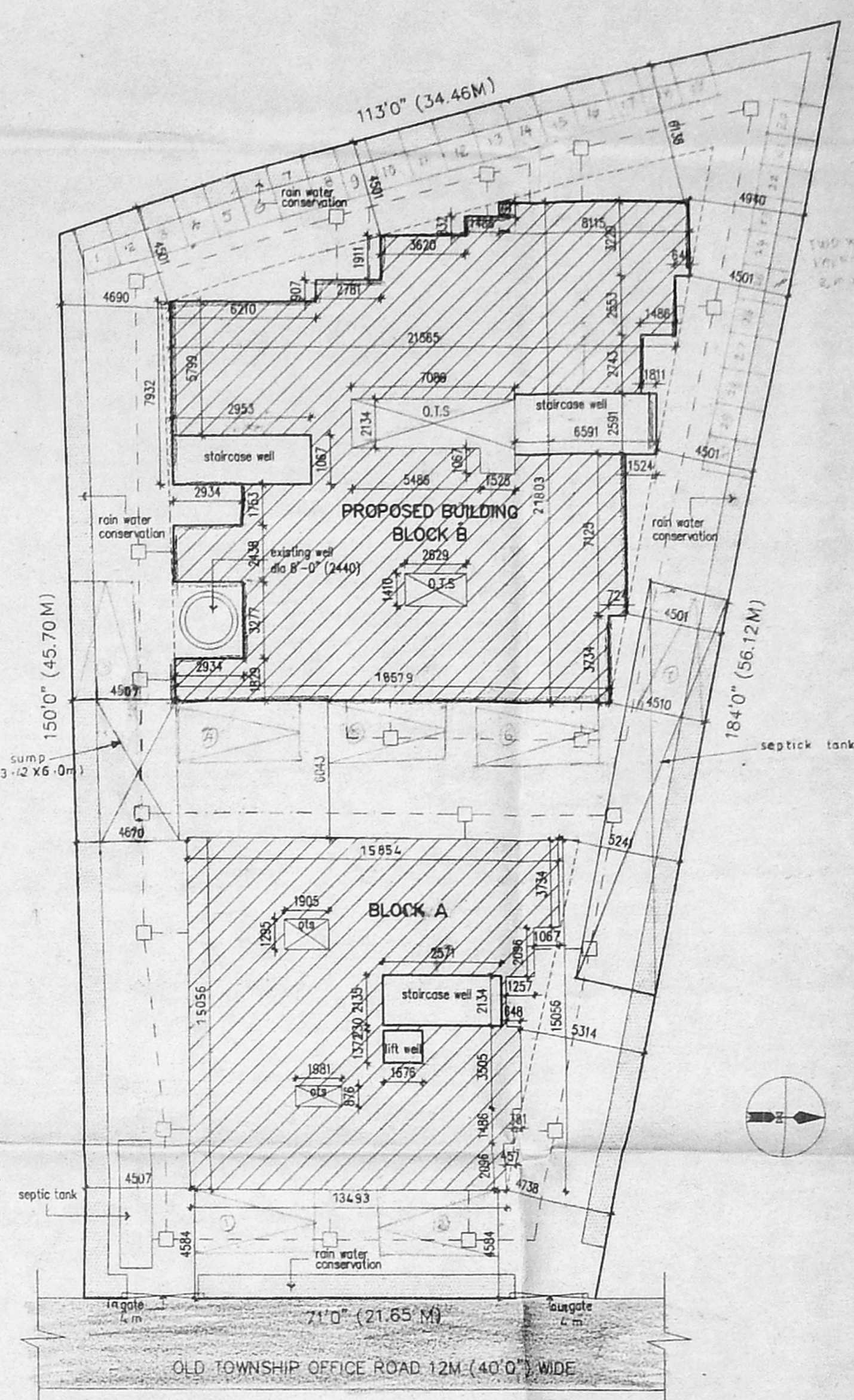
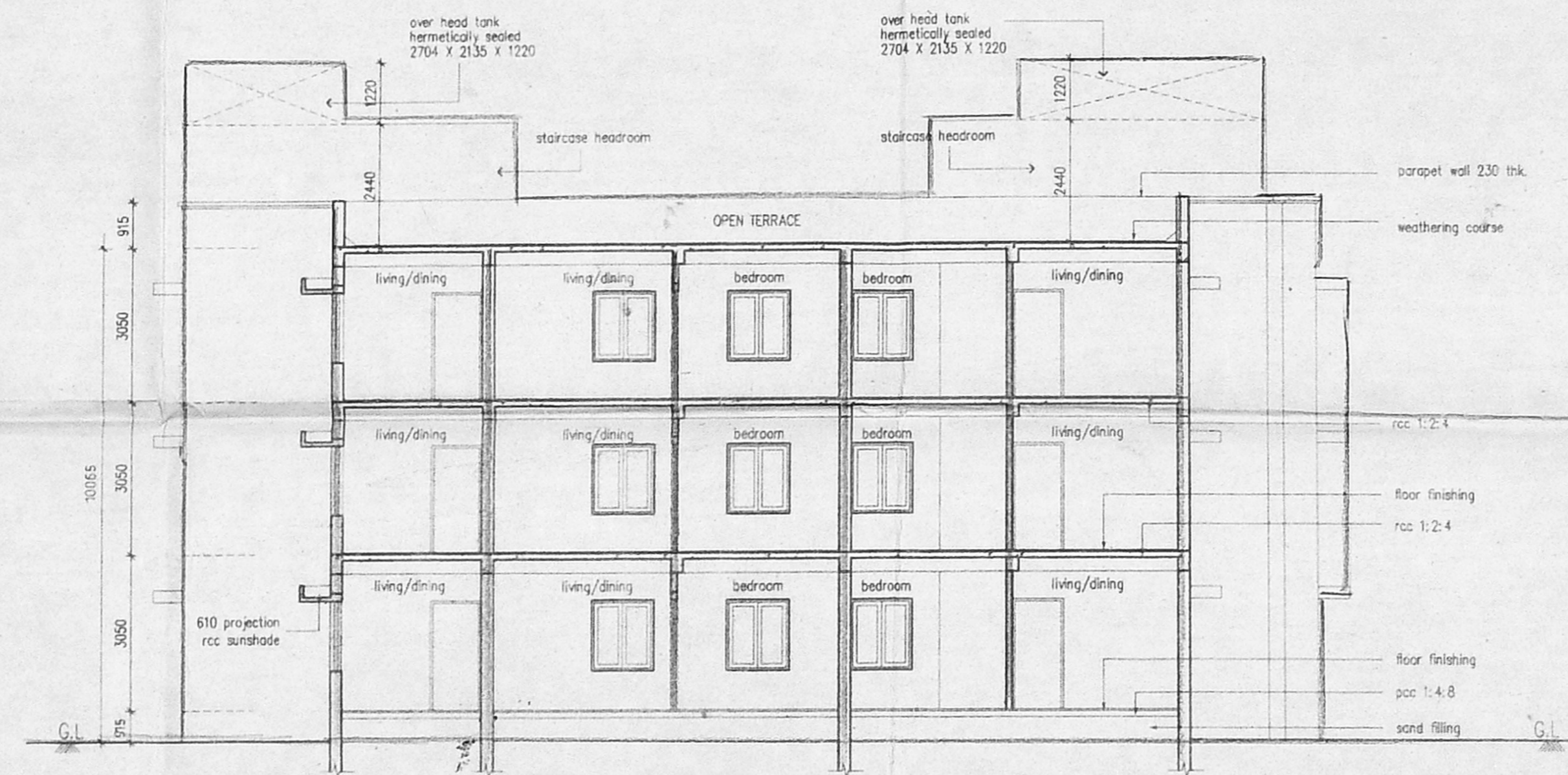
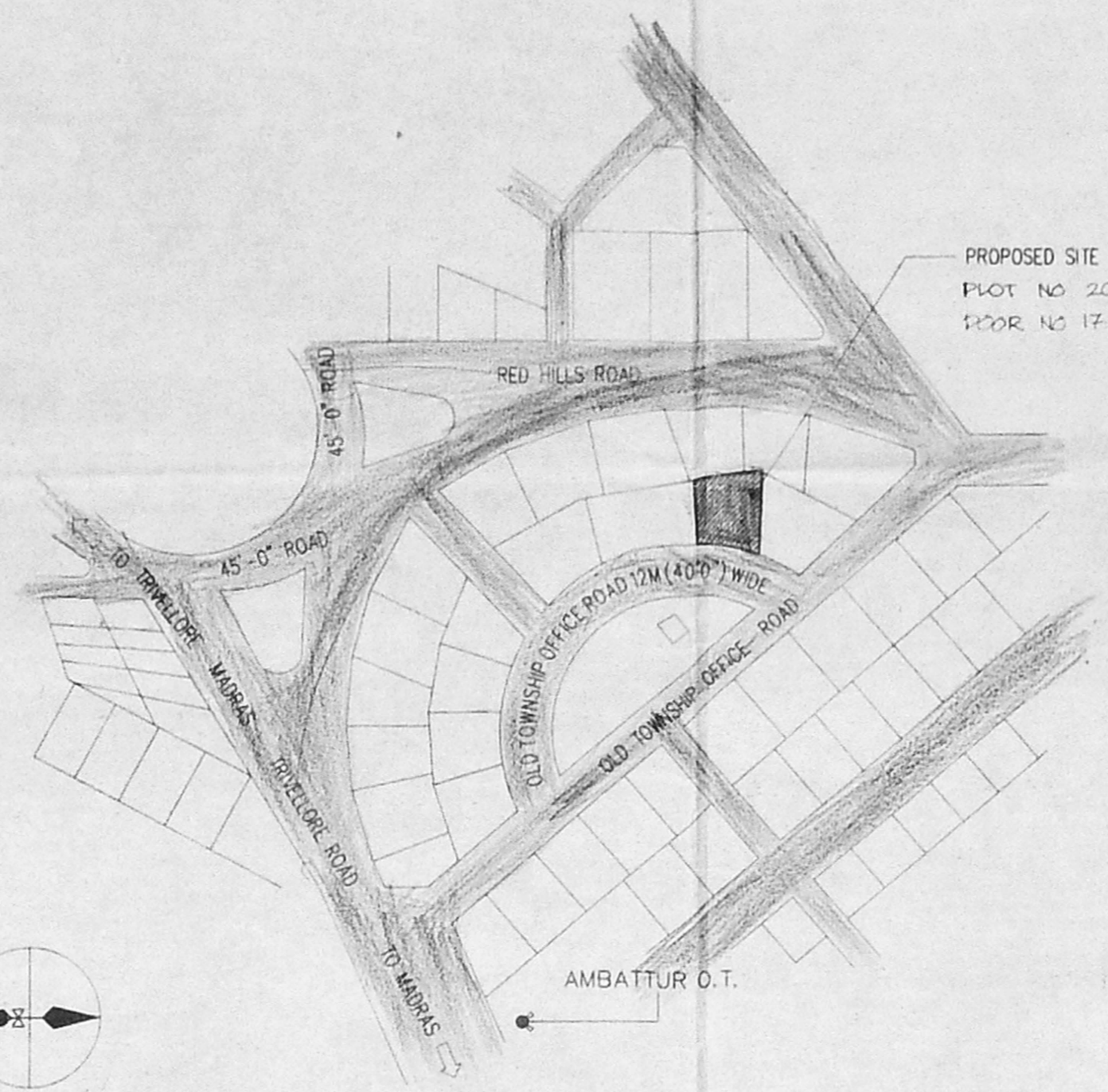
OWNERS SIGNATURE
[Signature]

ARCHITECT
 M. MOHAN
 LICENCED SURVEYOR
 CORPORATION OF MADRAS,
 AVADI, AMBATTUR TOWN SHIP,
 ANNA NAGAR PLAZA, SHOP NO. 15, 1st FLOOR,
 G-47, IIInd Avenue, MADRAS-40 (T.N.H.B.)

B/Spl. 669/23 & c/2001
 APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. 3/40593/2001
 1/2001
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.



CONSERVATION OF
 RAIN WATER



SCHEDULE OF JOINERY:

TYPE	DETAIL	WIDTH	HEIGHT
M0	T.W. PANNELED DOOR	991	2100
D1	T.W. PANNELED DOOR	915	2100
D2	T.W. PANNELED DOOR	762	2100
O	OPENING	915	2100
W1	T.W. GLAZED WINDOW	1830	1372
W2	T.W. GLAZED WINDOW	1525	1372
W3	T.W. GLAZED WINDOW	1200	1372
W4	T.W. GLAZED WINDOW	915	1372
KW	T.W. GLAZED WINDOW	915	1067
V1	T.W. GLAZED VENTILATOR	610	915

SPECIFICATION:

FOUNDATION : R.C.C. COLUMN FOOTINGS
 BRICK WORK : CM 1:6 FOR SUPER STRUCTURE
 PLASTERING : CM 1:6 FOR WALLS & 1:3 FOR CEILING
 FLOORING : MOSAIC FLOORING
 CEMENT PAINT : 2 COAT FOR WALLS & 1 EXTRA COAT FOR CEILING
 R.C.C. : 1:2:4 FOR SLABS & LINTELS
 WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER
 WEATHERING : BEVELLY LIME MORTAR OVER ROOF COURSE
 SLAB ONE LAYER OF COUNTRY TILES

COLOUR INDEX:

PROPOSED ROAD
 BOUNDARY
 SEWER LINE

AREA STATEMENT SQ. M

BLOCK	GROUND FLOOR AREA	FIRST FLOOR AREA	SECOND FLOOR AREA	TOTAL
BLOCK - A	56.80	158.20	227.63	442.63
BLOCK - B	365.97	404.62	404.62	1175.21

AS PER SITE DOCUMENT 15365 SQ.FEET (1421.88 M²)
 AS PER PATA 15355 SQ.FEET (1417.50 M²)
 F.S.I. COUNTABLE (LEAST AREA)
 PLOT COVERAGE 43.3% F.S.I. 1.43

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL FLATS AT PLOT NO.20, DOOR NO-17 SECRETARIAT COLONY IN (NEW) S.NO.694/3 Etc., (CEB) 603/201 AMBATTUR VILLAGE SAIDAPET TALKU, CHINGLEPUT DISTRICT AMBATTUR MUNICIPALITY. (BLOCK - B)

AMB-APP SCALE : 1:100
 DATE : 28TH JAN 2000
 DRAWN : S.P. Srinivasan
 CHK :
 OWNERS SIGNATURE

ARCHITECT
 M. MOHAN
 LICENSED SURVEYOR
 CORPORATION OF M.D.R.A.S.
 AVADI, AMBATTUR TOWN SHIP,
 ANNA N.G.R.P. 12 - 1403 P.O. 16th FLOOR,
 C-47, IIrd Avenue, MADRAS - 600 011, I.N.B.

WASTE WATER DISPOSAL AND SEWAGE TREATMENT PLANT

CALCULATION

NO OF DWELLING UNITS = 30 NOS
 NO OF USERS/DWELLING IN NOS = FIVE/DWELLING
 DETENTION PERIOD IN HOURS = 24 HOURS
 D.W.F. IN CUM/DAY = $30 \times 5 \times 135 = 20.25 \text{ m}^3$
 TANK CAPACITY IN CUM = $17.8 \times 2.5 \times 1.05 = 46.73 \text{ cum (clear)}$
 DEPTH IN M (TOTAL) = 1.2 m
 SURFACE AREA IN Sqm = $17.8 \times 2.5 = 44.5 \text{ m}^2 \text{ (clear)}$
 PROVIDE A TANK OF SIZE = 18 X 2.5 X 1.2 m size

CHECK FOR SPACES

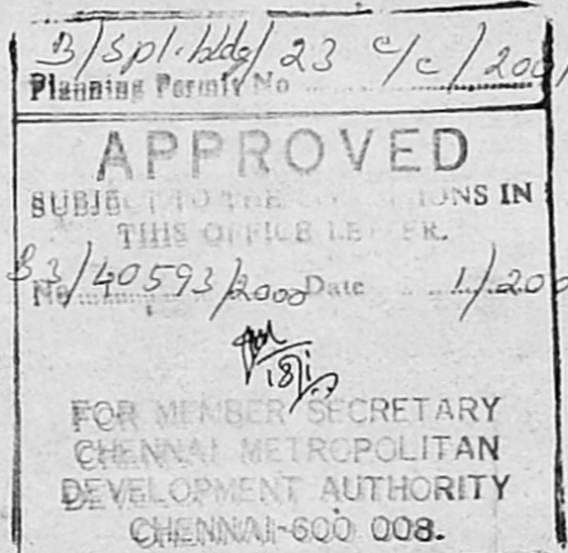
ASSUME 0.017 CUM/CAPITA FOR SCUM STORAGE WITH CLEANING INTERVAL OF SIX MONTHS
 A. FOR SCUM STORAGE IN CUM (0.010 cum/CAPITA) = $0.01 \times 150 = 1.5 \text{ m}^3$
 B. FOR SLUDGE DIGESTION IN CUM (0.028 cum/CAPITA) = $0.028 \times 150 = 4.2 \text{ m}^3$
 C. FOR SLUDGE STORAGE IN CUM (0.037 cum/CAPITA) = $0.037 \times 150 = 5.6 \text{ m}^3$
 D. SEDIMENTATION = $0.375 \times 44.5 = 16.7 \text{ m}^3$

TOTAL TANK CAPACITY IN CUM SINCE THE CAPACITY IS MORE THAN REQUIRED THE DESIGN IS OKAY (CAPACITY OF 46.7m³ IS MORE THAN 28 m³)

UP FLOW FILTER

NO OF USERS = 150 PERSONS
 VOLUME OF LIQUID = $150 \times 0.045 = 6.75 \text{ cum}$
 DEPTH = $1.05 - 0.3 = 0.75 \text{ m}$
 AREA OF FILTER = $\frac{6.75}{0.75} = 9 \text{ m}^2$
 OVER ALL SIZE = $4.8 \times 2 = 9.6 \text{ m}^2$
 OF DEPTH = 1.2 m
 UP FLOW FILTER 1 = $4.8 \times 2.5 \times 1.05 \text{ m}$
 UP FLOW FILTER 2 = $4.8 \times 2.5 \times 0.90 \text{ m}$

S NO	NAME	SIZE
1	SEPTIC TANK	18 X 2.5 X 1.05
2	UP FLOW FILTER 1	4.8 X 2.5 X 0.95
3	UP FLOW FILTER 2	4.8 X 2.5 X 0.80



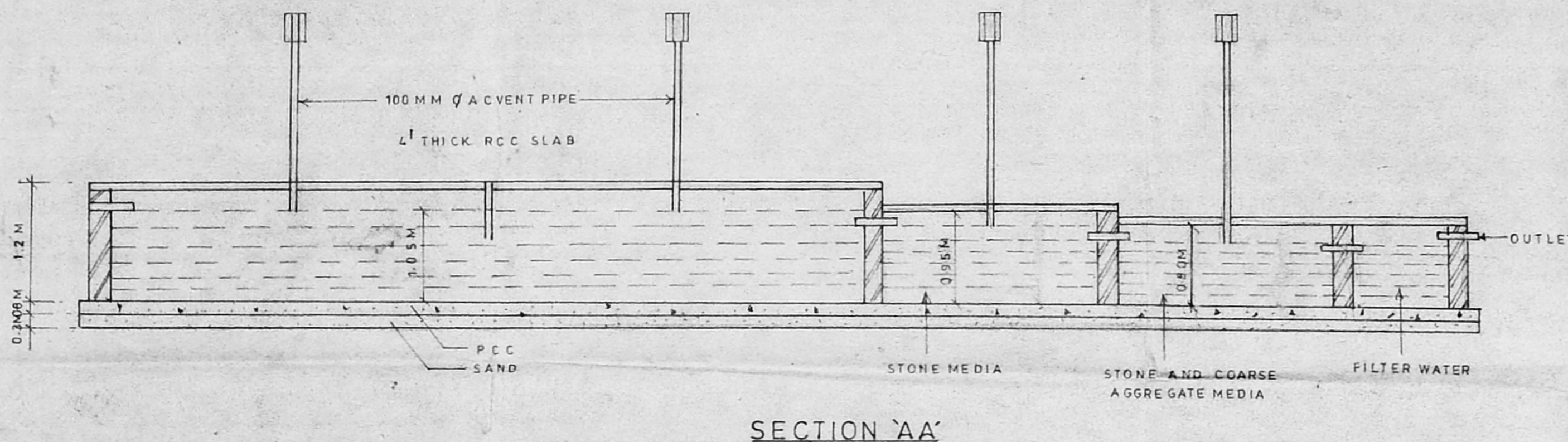
CMDA (B) / No. 1 / 3/5
 C No. B3/40593/2000



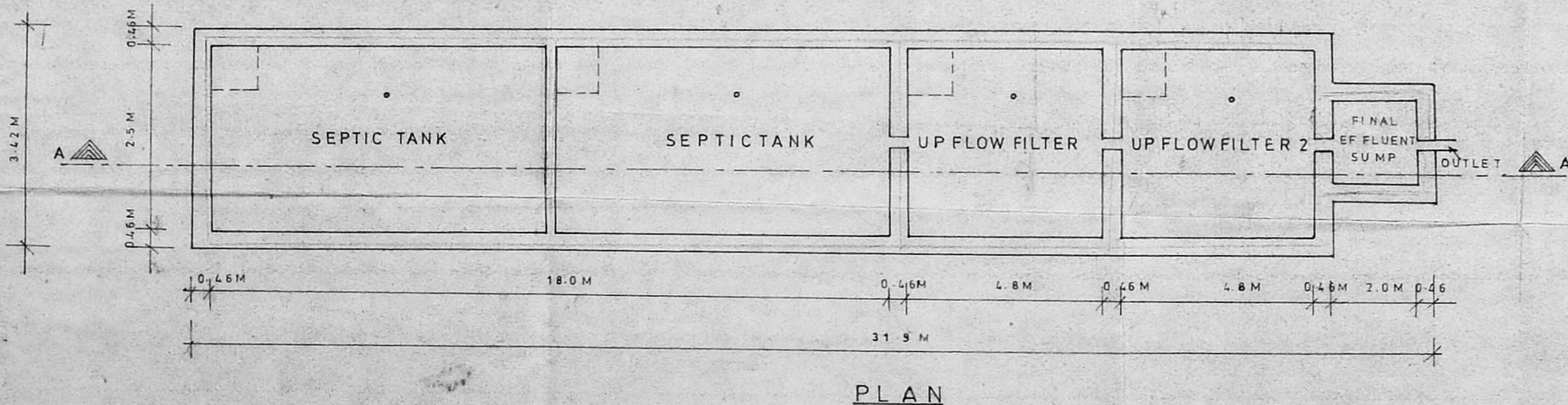
8/5/1

A.P.

D.P.



SECTION 'AA'



PLAN

PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTIAL FLATS AT PLOT NO 20 DOOR NO: 17, SECRETARIAL COLONY IN NEW S.NO.594/3 ETC OLD 603/2 D1 AMBATTUR VILLAGE SAIDAPET TALUK CHINGLEPUT DISTRICT AMBATTUR MUNICIPALITY

M. Mohan

M. MOHAN
 LICENCED SURVEYOR
 CORPORATION OF MADRAS,
 AVADI, AMBATTUR TOWN SHIP,
 ANNA NAGAR PLAZA, SHOP NO. 16, 1st FLOOR,
 C-47, 11nd Avenue, MADRAS-40 (T.N.H.B.)