

OFFICE COPY.

B/SPL.BLD/202(A&B)/2002  
Planning Permit No. 123/2489/2002  
**APPROVED**  
SUBJECT TO THE CONDITIONS IN THIS OFFICE  
FOR MEMBER SECRETARY  
CHENNAI METROPOLITAN  
DEVELOPMENT AUTHORITY  
CHENNAI-600 008.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
D	T/W FLUSH DOOR	1.00x2.13
D1	C/W FLUSH DOOR	0.91x2.13
D2	C/W FLUSH DOOR	0.78x2.13
FD	C/W FRENCH DOOR	1.83x2.13
W	AL WINDOW	2.44x1.37
W1	AL WINDOW	1.83x1.37
W2	AL WINDOW	1.22x1.37
W3	AL WINDOW	0.80x1.37
KW	AL KITCHEN WINDOW	1.22x0.91
V1	ALL VENTILATOR	0.60x0.60

SPECIFICATIONS

- R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
- SUPER STRUCTURE BRICKWORK SET IN CEM 1:2
- R.C.C 1:2:4 FOR LINTELS, BEAMS & SLABS
- P.C.C 1:4:8 FOR FLOOR LEVELLING COURSE
- P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION
- JOINERY WITH T/W FLUSH DOORS & T/W GLAZED WINDOWS & VENTILATORS
- 3 COATS OF CEMENT PAINT TO INSIDE & 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GILLESWORK, ETC
- WEATHERING COURSE OVER ROOF SLAB 3" THICK WITH BRICK JELLY LIME CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP

AREA STATEMENTS

AS PER PATA	SO M
AS PER DOCUMENT	1100.00
GROUND FLOOR AREA	418.95
FIRST FLOOR AREA	457.77
SECOND FLOOR AREA	457.77
THIRD FLOOR AREA	302.66
<b>TOTAL</b>	<b>1637.15</b>

FSI 1.488  
PLOT COVERAGE - 41.90%

PROPOSED RESIDENTIAL FLATS AT  
VOC STREET, PADI, CHENNAI-600050.  
IN S.Nos 258/33 & 258/34 OF PADI VILLAGE,  
AMBATTUR MUNICIPALITY, THIRUVALLUR DIST

SCALE : 1:100	DATE : 03-08-2002
JOB NO 799	DRAWN - D.S & R.M
COLOUR INDEX	SHEET No - 2/2

PROPOSED BOUNDARY  
ROAD  
SEWER LINE

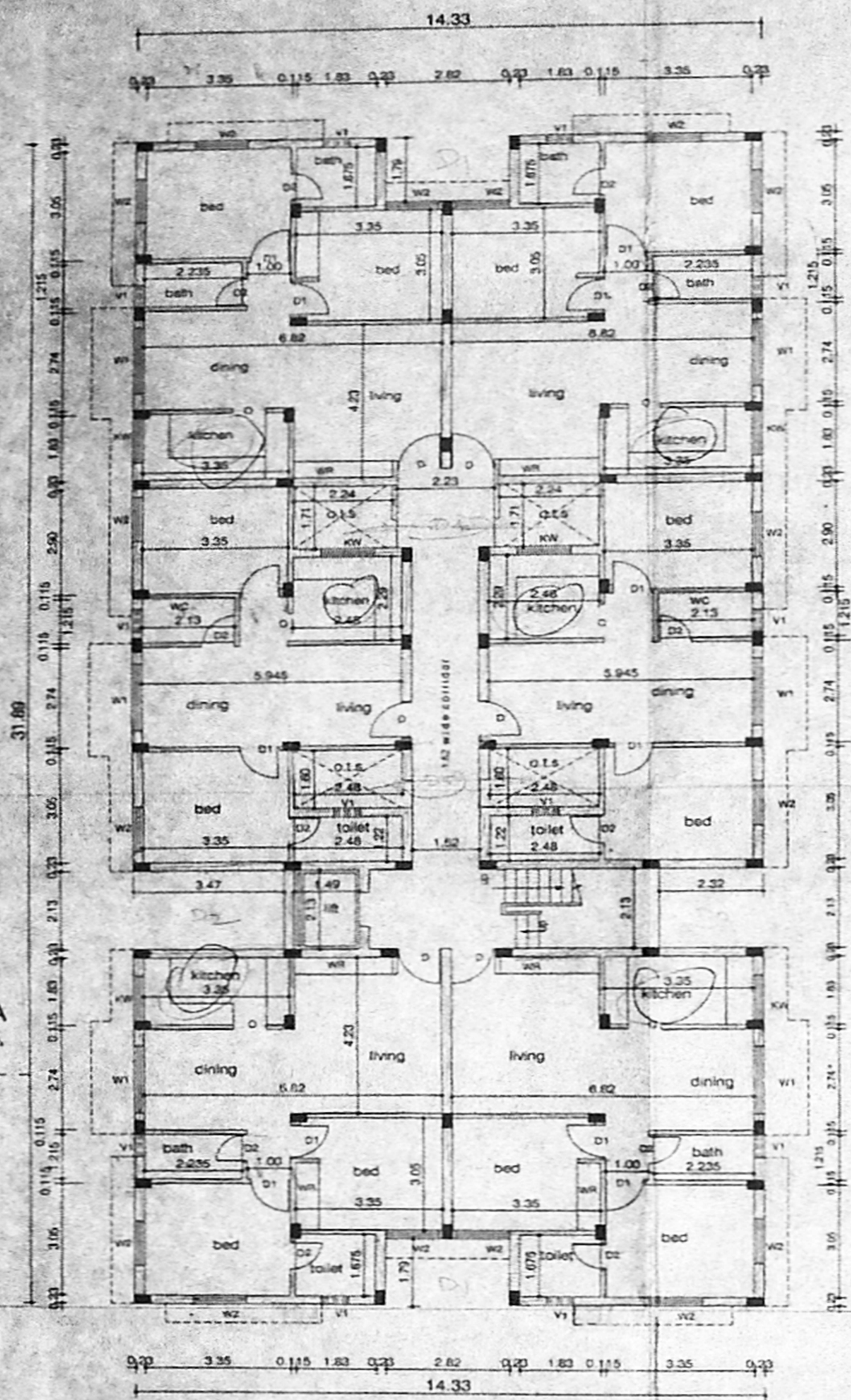


101 HANARAJAN CONSTRUCTION (P) LTD  
Managing Director

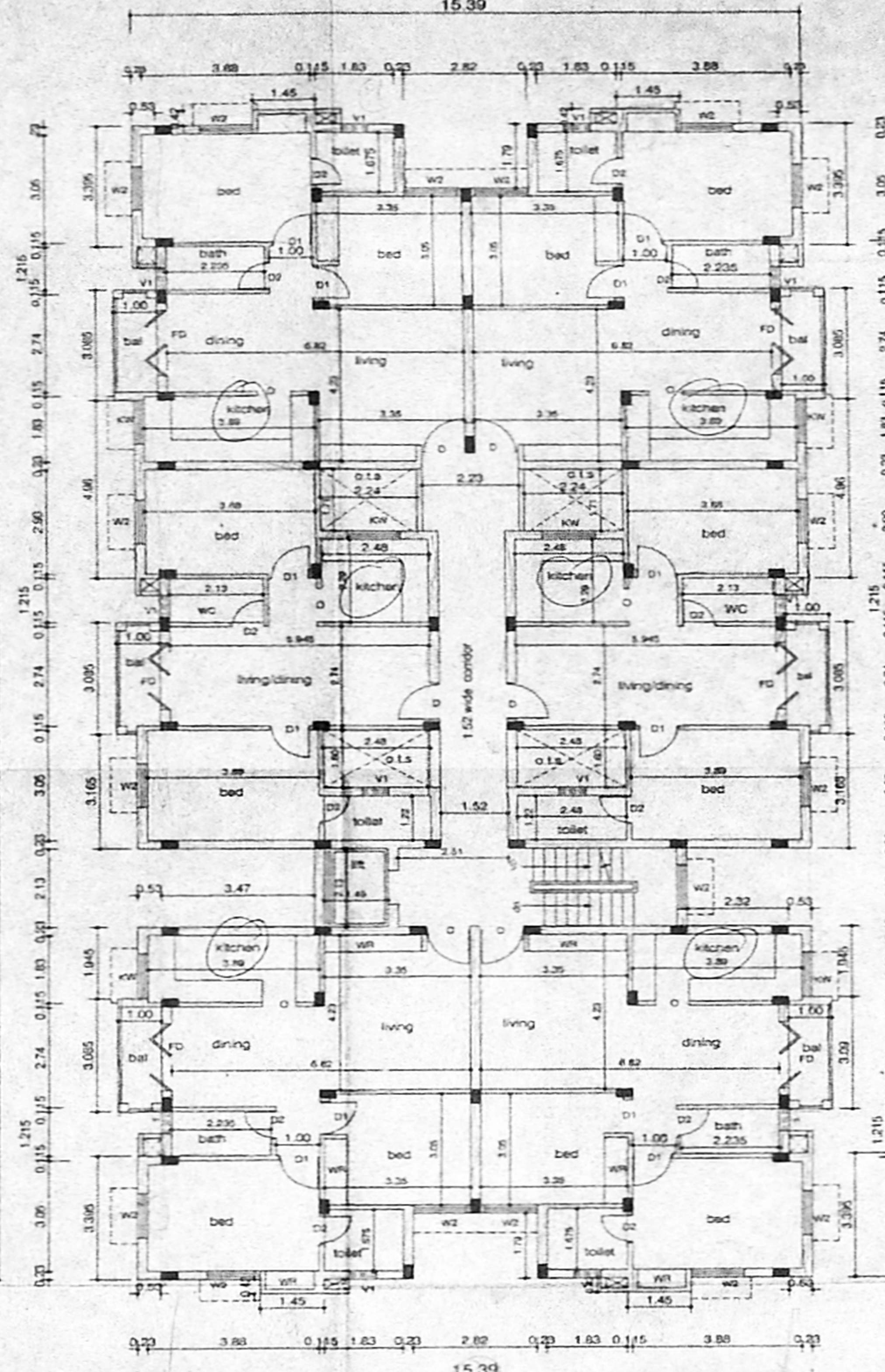
OWNER'S SIGNATURE

ARCHITECT  
R SATHYANARAYANA, B.Arch, A.I.A.

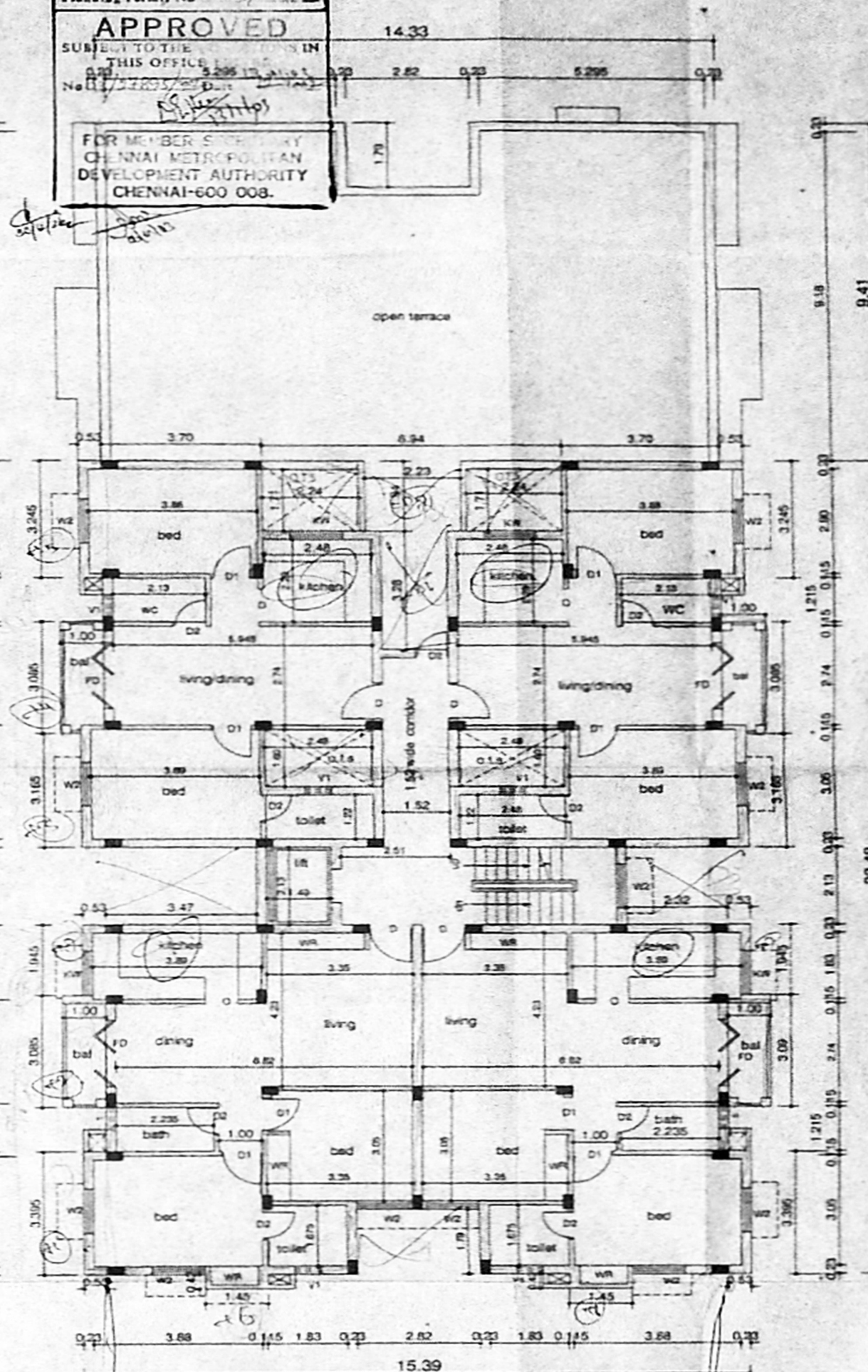
R-SATHYANARAYANA, B.Arch A.I.A.  
COUNCIL OF ARCHITECTURE  
CA / 80 / 9895  
U-12, ANNA NAGAR,  
MADRAS - 600 040



Ground floor plan



Typical floor plan (I, & II)



Third floor plan

PREVIOUS SANCTION  
PPA NO: B/SPL.BLD/202 (A & B) / 2002 DATED: 14/6/2002  
CMDA FILE NO: B/3/223/2002 DATED: 14/5/2002  
AMBATTUR MUNICIPALITY B.A NO: 675/02/F2  
DATED: 25/6/2002  
P.P. NO: 987/Q2 DATE D: 26/6/2002



30/28/2002  
 Temp. Min. Plan  
 28/2/02

CMDA (B) No. 1  
 C. No. 23/2395/2002  
 Aest.

OFFICE COPY

APPROVED  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER  
 No. 85/2395/2002 dated 28/2/02  
 FOR REPRODUCTION BY  
 CHENNAI MUNICIPALITY  
 CHENNAI-600 008.

PREVIOUS SANCTION  
 P.P. NO. 81/PLN.2/2002/AMB/2002 dated 14/02/02  
 CMDA FILE NO. 83/22/2002 dated 14/02/02  
 Ambattur Municipality S.A. NO. 875/02 P2 dated 26/02/02  
 P.P. NO. 98/702 dated 26/02/02

TYPE	DESCRIPTION	SIZE
D	T.W. FLUSH DOOR	1.60x2.13
D1	C.W. FLUSH DOOR	0.91x2.13
D2	C.W. FLUSH DOOR	0.78x2.13
FD	C.W. FRENCH DOOR	1.83x2.13
W	AL WINDOW	2.44x1.37
W1	AL WINDOW	1.83x1.37
W2	AL WINDOW	1.22x1.37
W3	AL WINDOW	0.80x1.37
KW	AL KITCHEN WINDOW	1.22x0.91
VI	AL VENTILATOR	0.60x0.60

**SPECIFICATIONS :-**  
 1. R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4  
 2. SUPER STRUCTURE BRICKWORK SET IN cm 1:5  
 3. R.C.C 1:2:4 FOR LINTELS, BEAMS & SLABS  
 4. P.C.C 1:4:8 FOR FLOOR LEVELLING COURSE  
 5. P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION  
 6. JOINEERY WITH T.W. FLUSH DOORS & T.V. GLAZED WINDOWS & VENTILATORS  
 7. 3 COATS OF CEMENT PAINT TO INSIDE & 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINEERY, GRILLEWORK, ETC  
 8. WEATHERING COURSE OVER ROOF SLAB 3" THICK WITH BRICK JELLY LIME CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP

AREA STATEMENTS	SQ.M
AS PER PATTA	1100.00
AS PER DOCUMENT	1092.64
GROUND FLOOR AREA	418.95
FIRST FLOOR AREA	457.77
SECOND FLOOR AREA	457.77
THIRD FLOOR AREA	302.66
FBI	1.498
TOTAL	1637.15
PLOT COVERAGE	41.90%

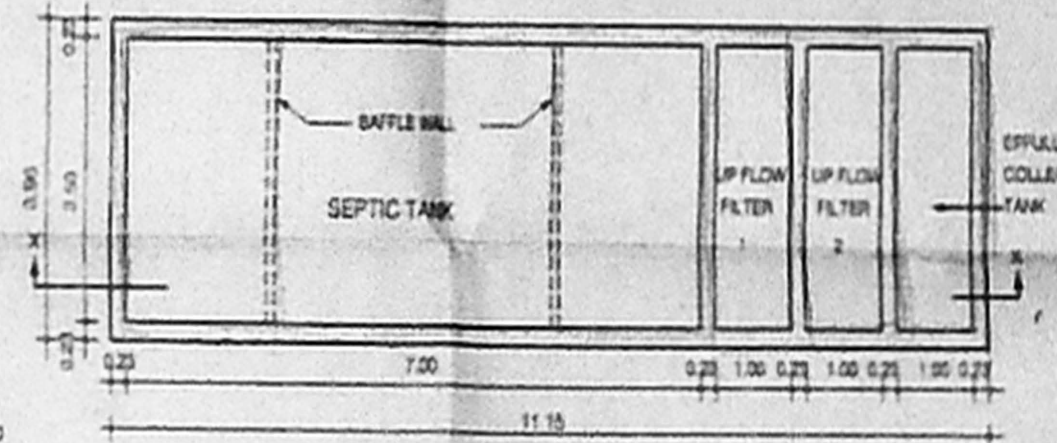
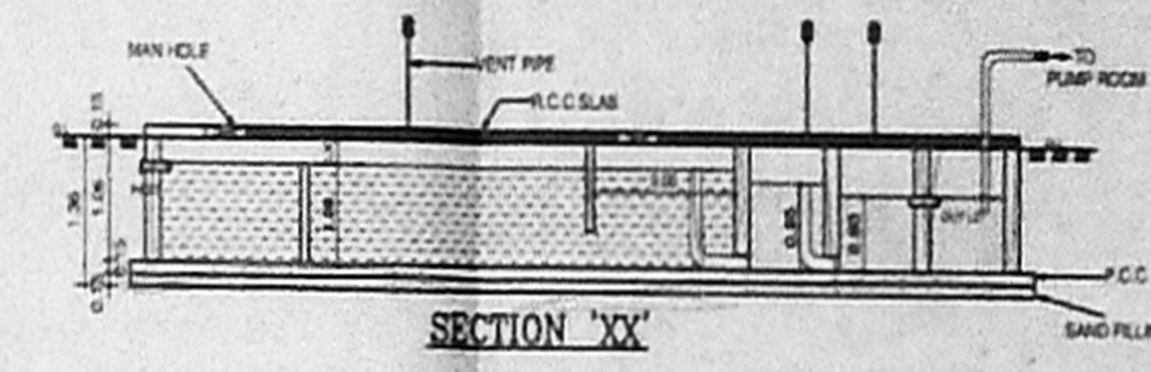
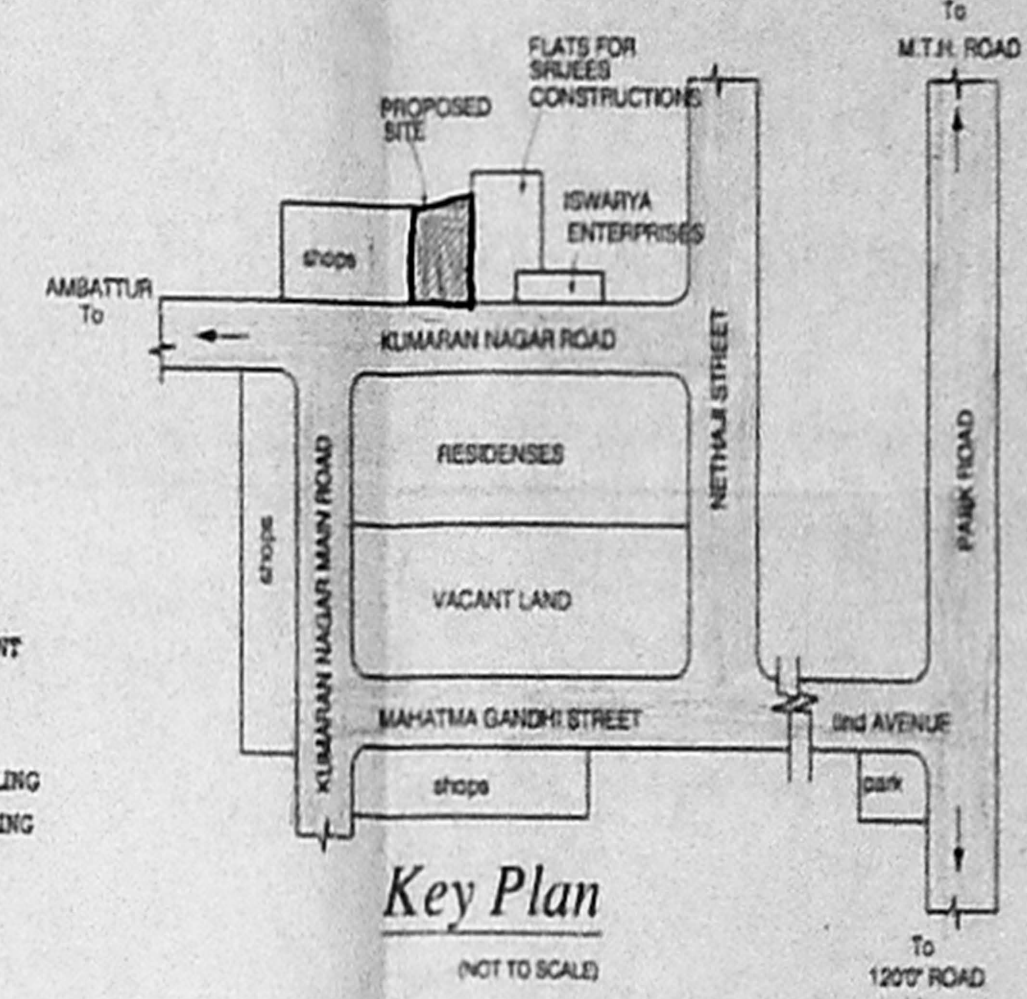
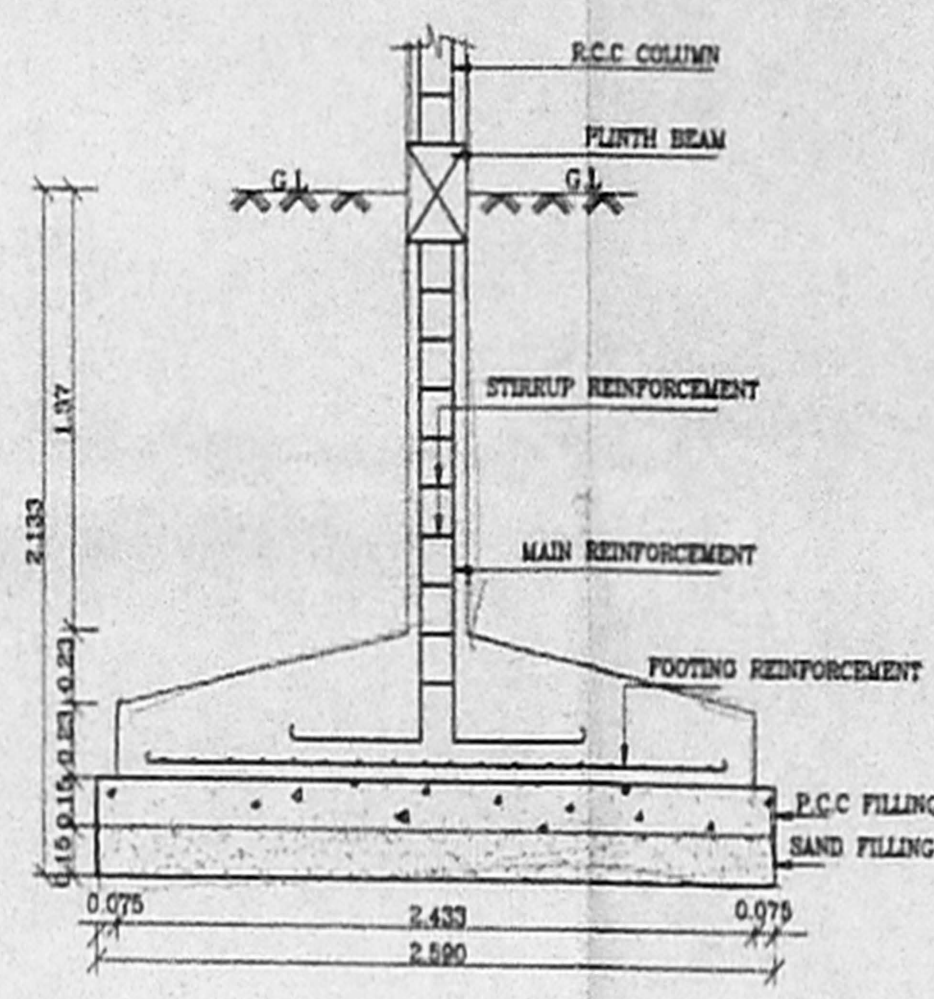
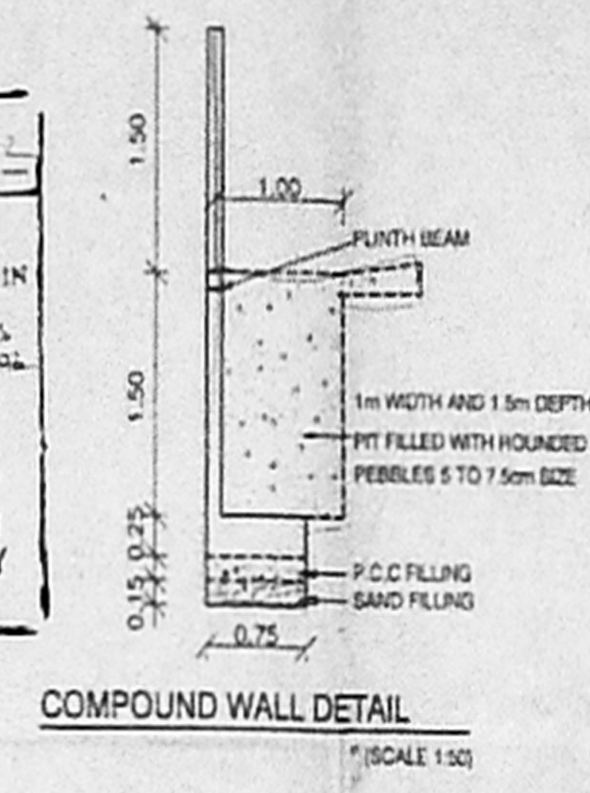
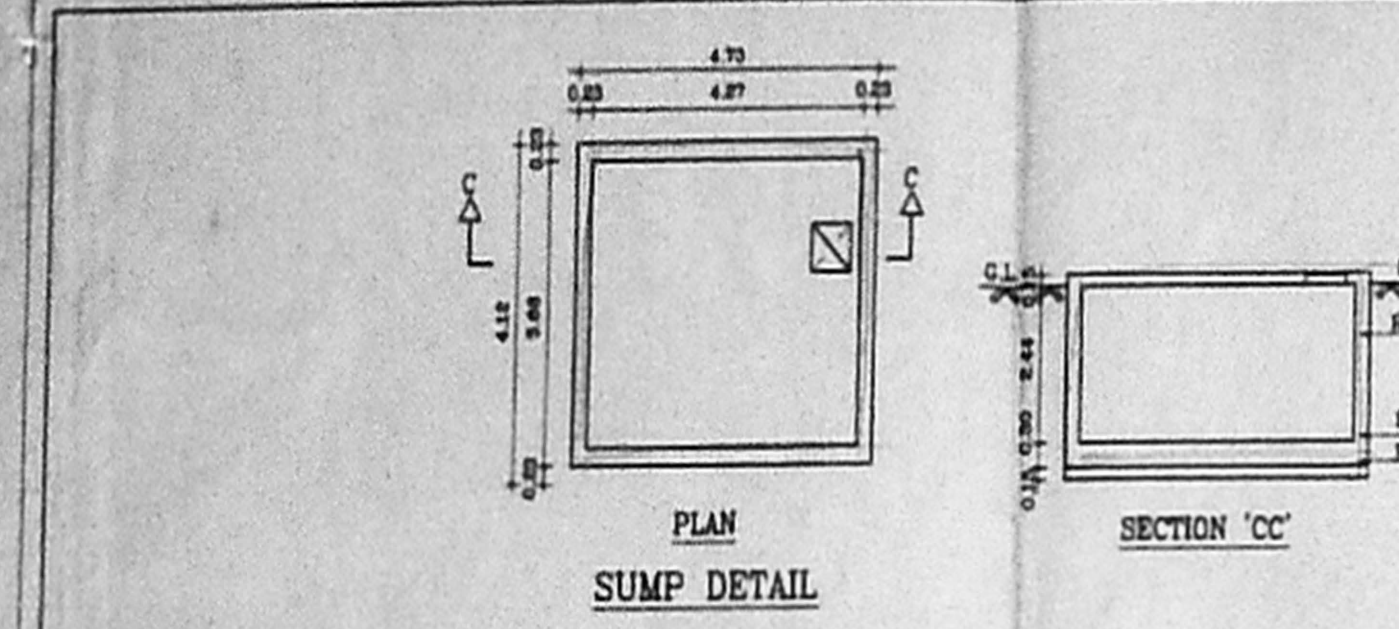
PROPOSED RESIDENTIAL FLATS AT  
 VOC STREET, PADI, CHENNAI-600050.  
 IN S.Nos. 256/33 & 258/34 OF PADI VILLAGE,  
 AMBATTUR MUNICIPALITY, THIRUVALLUR DIST

SCALE : 1:100      DATE : 03-06-2002  
 JOB NO : 799      DRAWN : D.S & R.M  
 COLOUR INDEX      SHEET No - 1/2

PROPOSED  
 BOUNDARY  
 ROAD  
 SEWER LINE

OWNER'S SIGNATURE

ARCHITECT  
**R.SATHYANARAYANA, barch. aiaa**  
 R. SATHYANARAYANA, BARCH. AIAA  
 COUNCIL OF ARCHITECTURE  
 CA / 65 / 9995  
 U-12, ANNA NAGAR  
 MADRAS - 600 008



**PLAN OF SEPTIC TANK**  
 NO. OF FLATS OR DWELLINGS - 22  
 ASSUMING 5 PERSONS PER FLATS - 22x5=110  
 NO. OF PERSONS }  
 NO. OF USERS - 110  
 ASSUMING 2 FIXTURES PER FLAT - 22x2 = 44 UNITS  
 PER HOUR DISCHARGE - 44x6 = 264 LPM

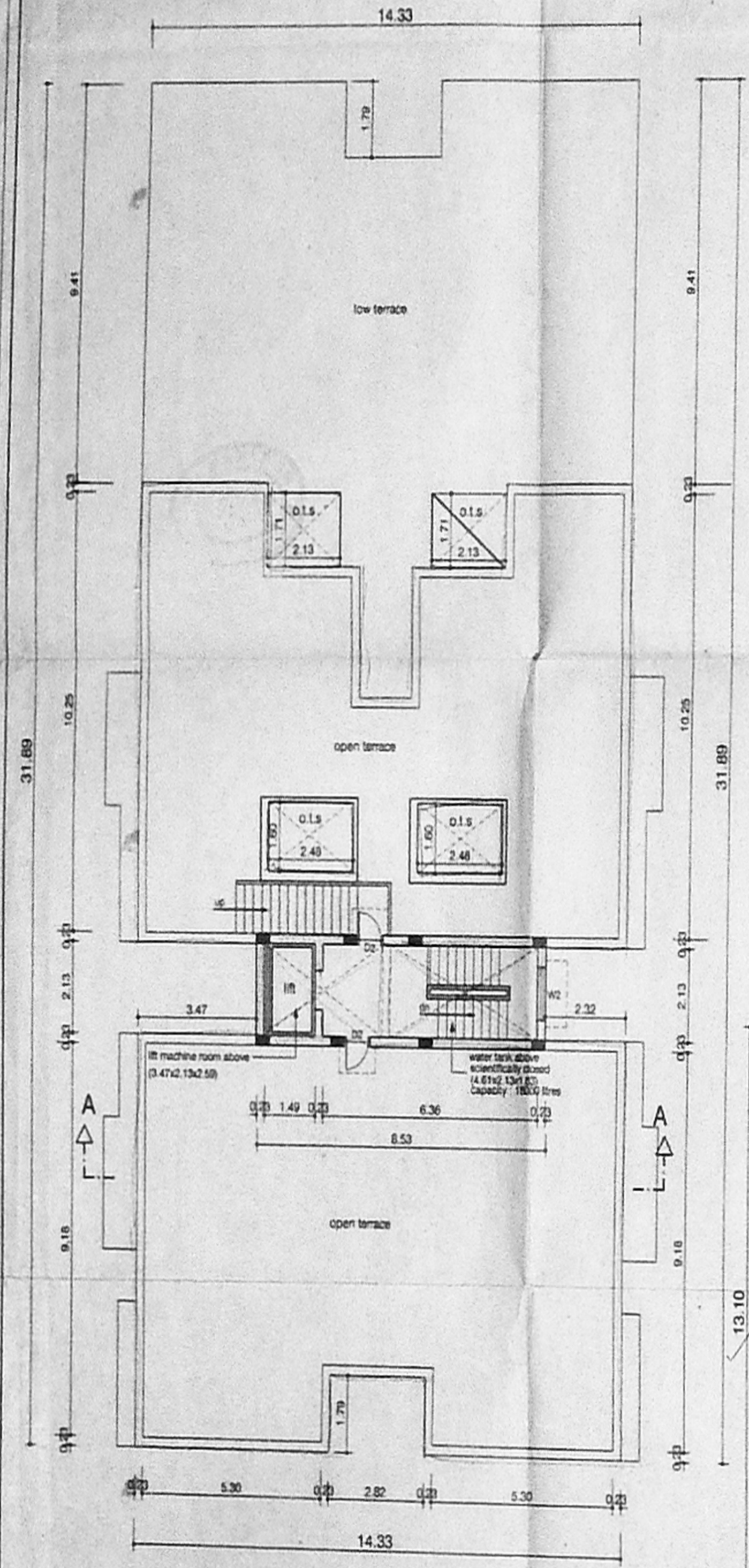
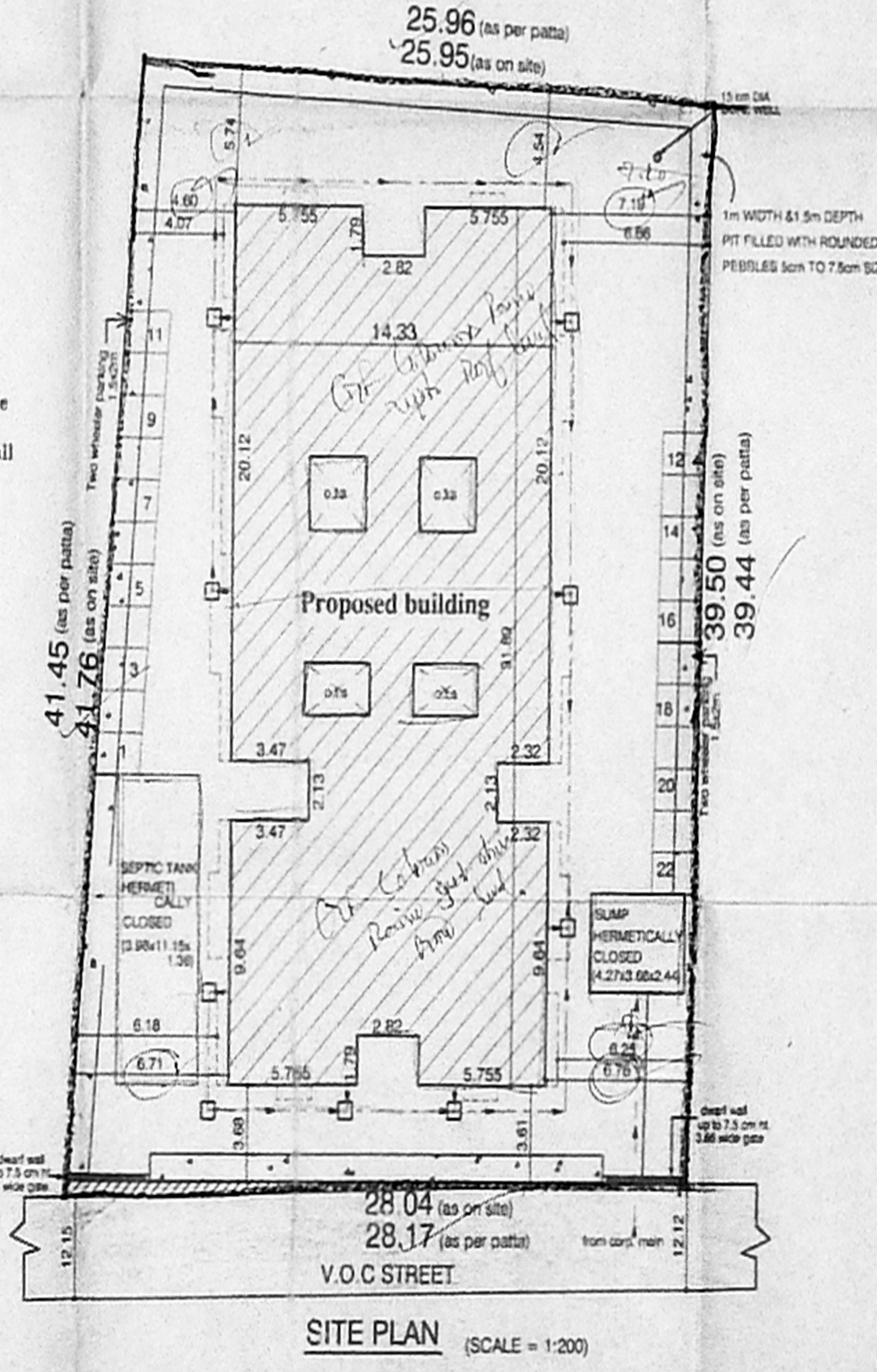
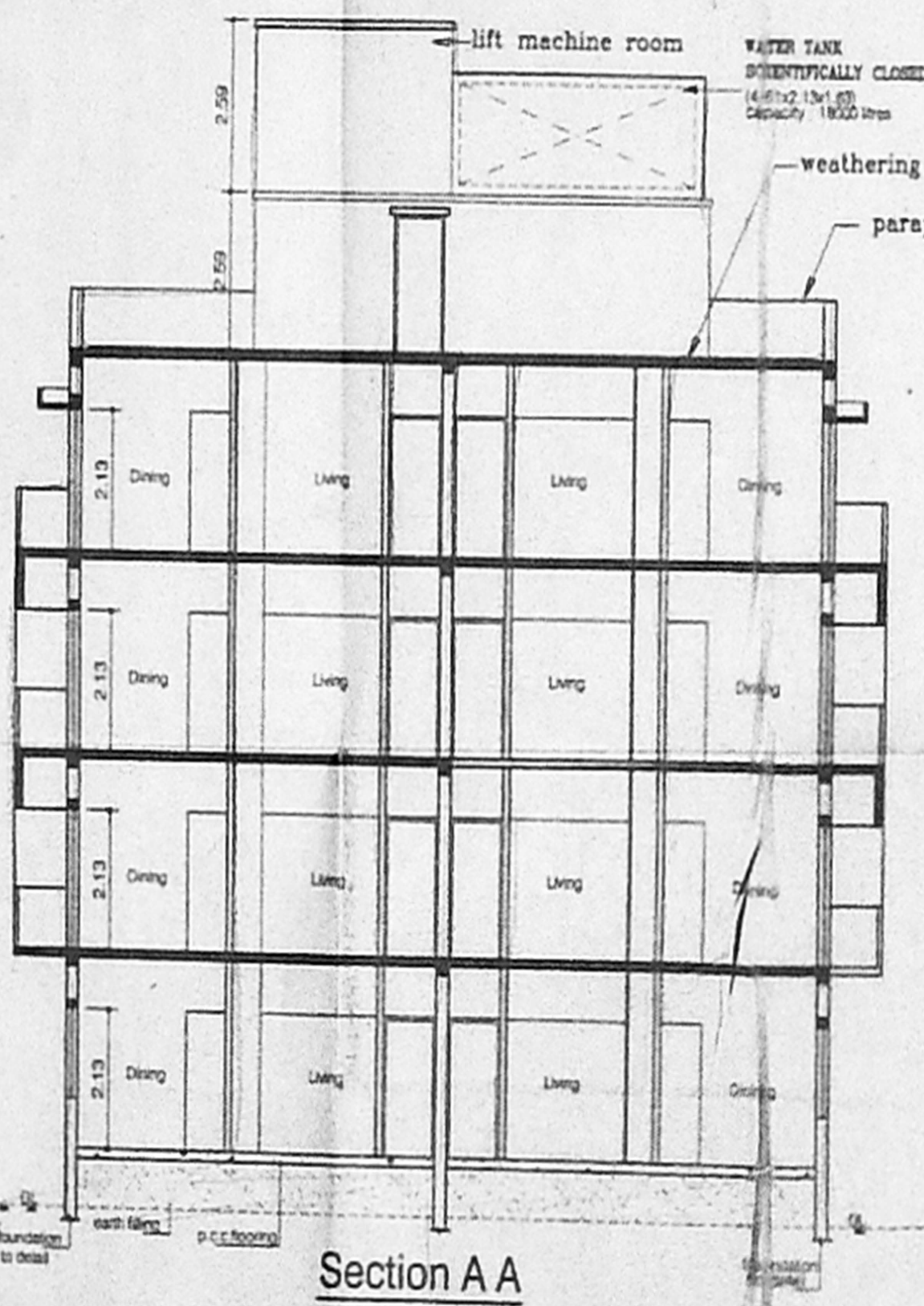
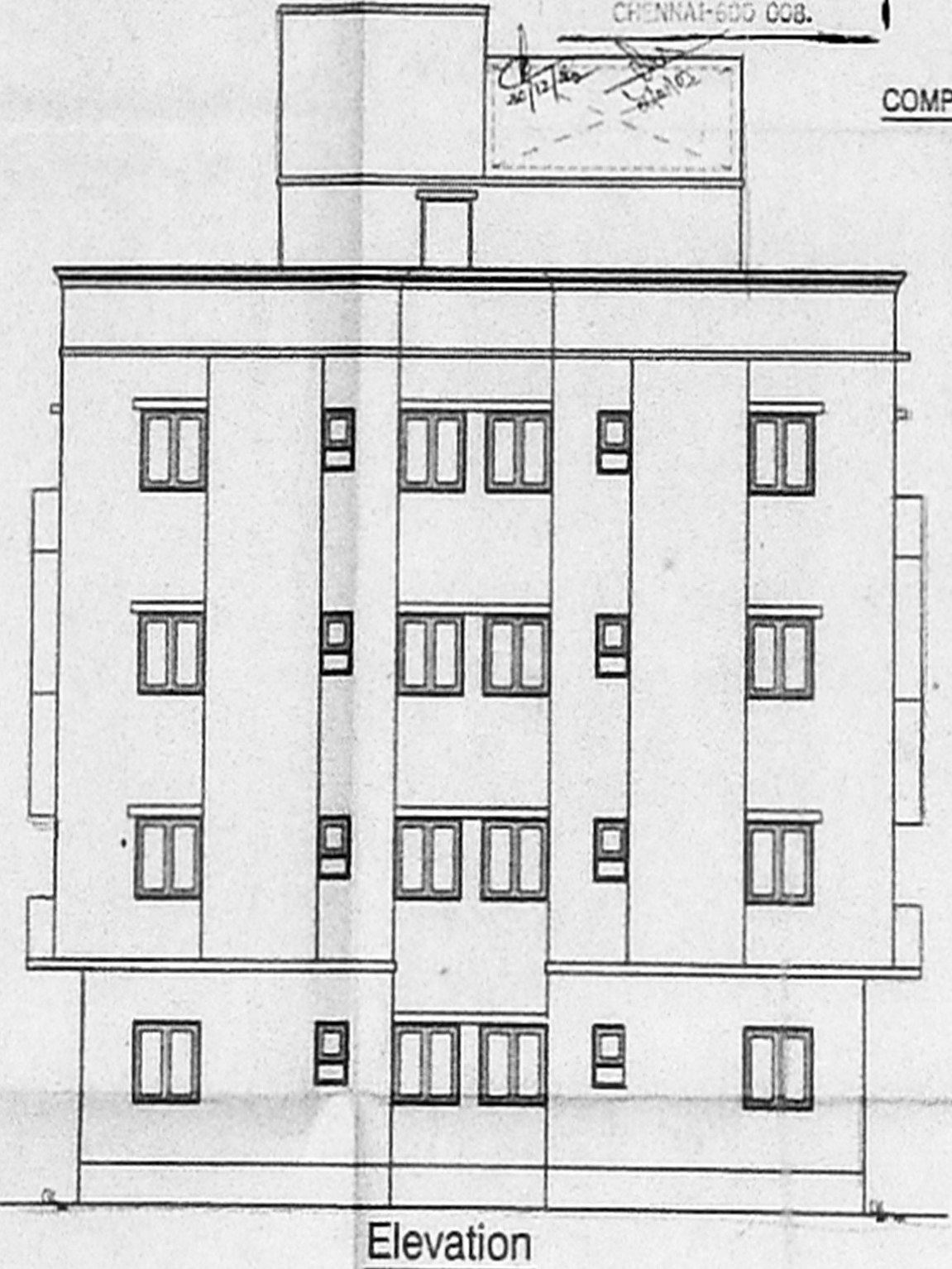
**SEPTIC TANK**  
 SURFACE AREA NEEDED -  $\frac{264 \times 0.92}{10} = 24.288 \text{ SAY } 24.5 \text{ M}^2$   
 VOLUME OF SEDIMENTATION } - 24.5 x 0.3m = 7.35 M<sup>3</sup>  
 ASSUMING 0.3m DEPTH }  
 FOR DIGESTION - 110 x 0.032 = 3.52 M<sup>3</sup>  
 FOR SLUDGE STORAGE - 0.0002 x 365 x 110 = 8.03 M<sup>3</sup>  
 FREE BOARD FOR SLUDGE - 24.5 x 0.3 = 7.35 M<sup>3</sup>  
 26.25 M<sup>3</sup>

DEPTH =  $\frac{\text{VOLUME}}{\text{STORAGE}} = \frac{26}{24.5} = 1.06 \text{m}$       SAY 26"

SIZE OF SEPTIC TANK : 7.0 x 3.5 x 1.06m

**UPFLOW FILTER**  
 LIQUID DEPTH OF SEPTIC TANK = 1.06m  
 VOLUME : 110 x 0.045 = 4.95 M<sup>3</sup>  
 UPFLOW FILTER DEPTH } = 1.06 - 0.3 = 0.76m  
 ALLOWING 0.3m FREE BOARD }

AREA NEEDED: 4.95 x 6.51 M<sup>2</sup> SAY 7 M<sup>2</sup>  
 0.76  
 SIZE OF UPFLOW FILTER = 3.5 x 2.0m  
 UPFLOW FILTER NO.1 = 3.5 x 1.00 x 0.95m  
 UPFLOW FILTER NO.2 = 3.4 x 1.00 x 0.85m



Terrace floor plan

Section A A

SITE PLAN (SCALE : 1:200)