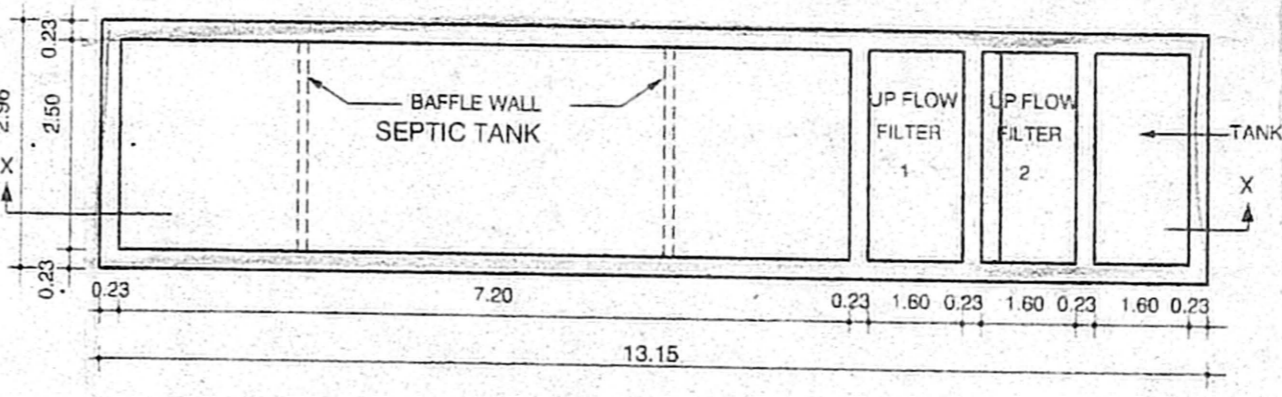
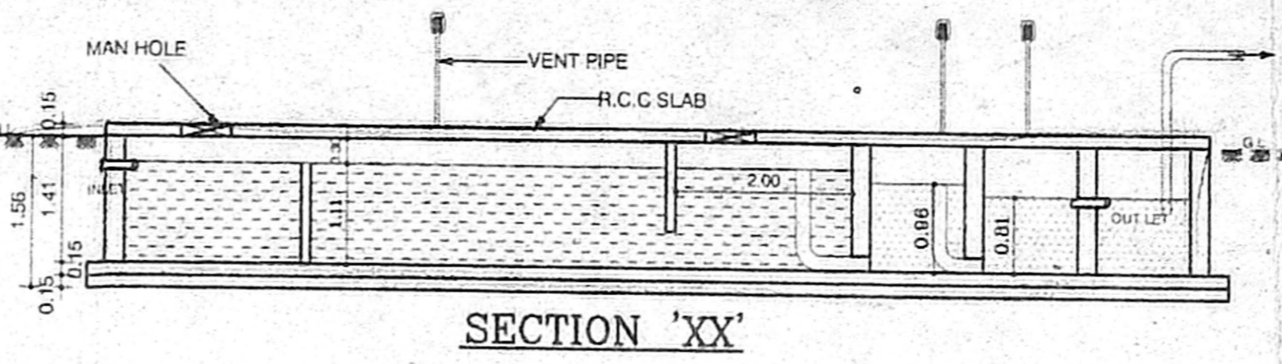
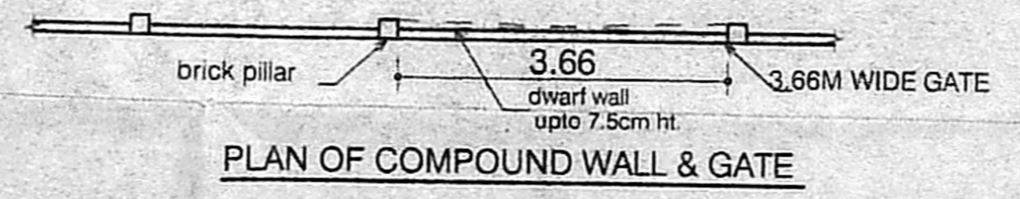
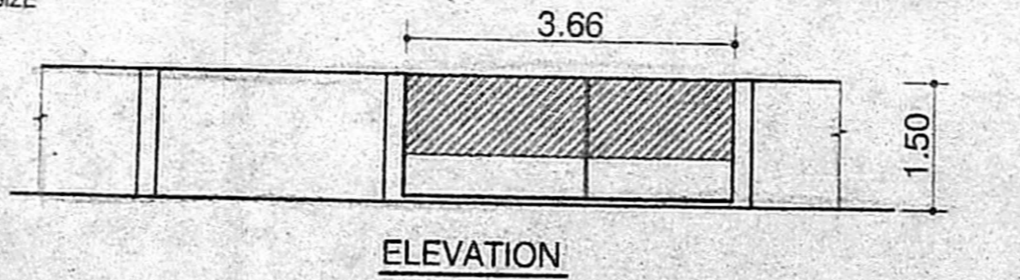
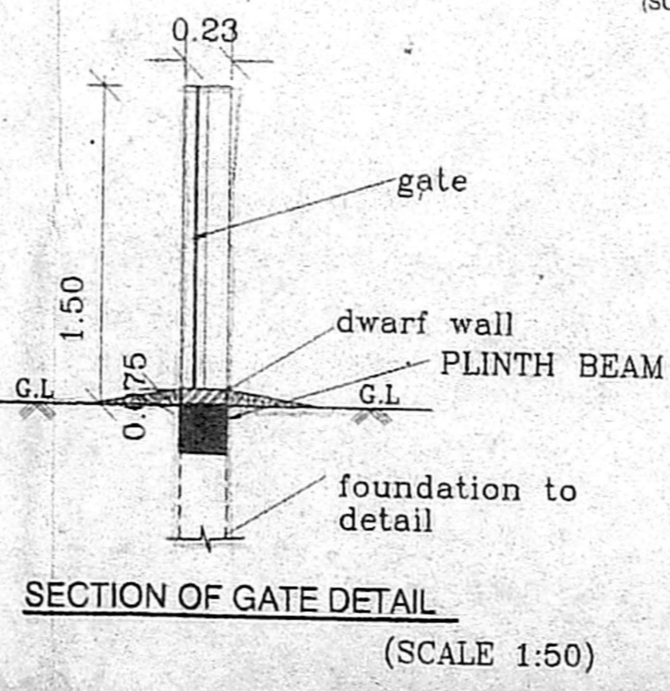
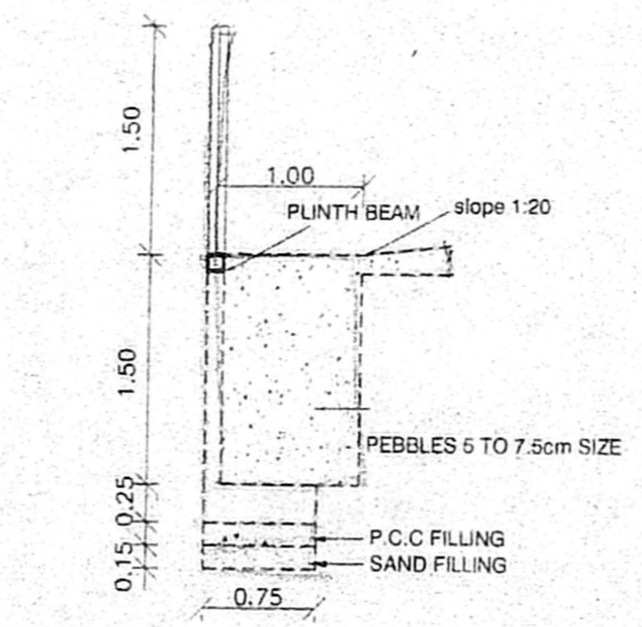
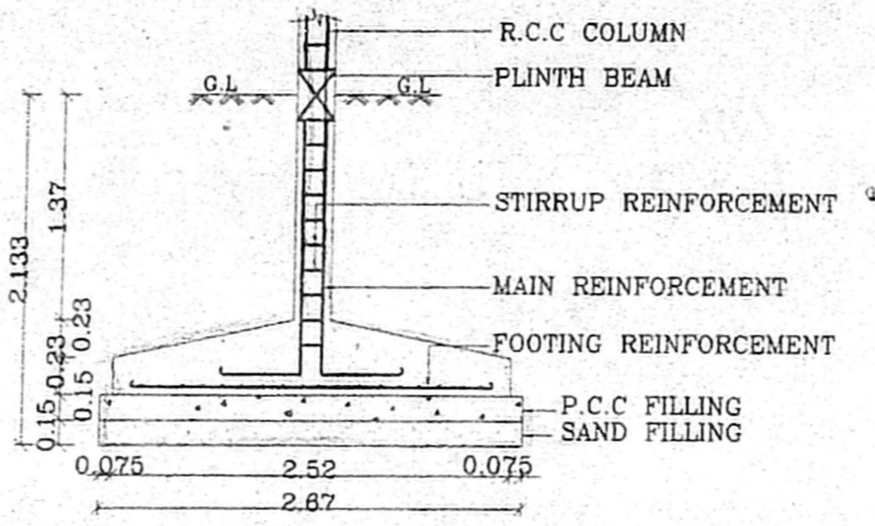


**APPROVED**  
 B/SPL.BD/297/2003  
 Planning Permit No. No. 3/9035/2003  
 SUBJECT: THIS IS FOR THE PROPOSED DEVELOPMENT IN THIS AREA FOR THE PROPOSED RESIDENTIAL FLATS IN DOOR NO:6, VOC STREET, PADI, CHENNAI-600050.  
 FOR THE SECRETARY CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY CHENNAI-600008.



NO OF FLATS OR DWELLINGS - 16  
 ASSUMING 5 PERSONS PER FLATS - 16x5=80  
 NO.OF PERSONS }  
 NO.OF USERS - 80  
 ASSUMING 2 FIXTURES PER FLAT - 16x2 = 32 UNITS  
 PER HOUR DISCHARGE - 32x6 = 192 LPM

**SEPTIC TANK**  
 SURFACE AREA NEEDED -  $\frac{192 \times 0.92}{10} = 17.66 \text{ SAY } 18 \text{ M}^2$   
 VOLUME OF SEDIMENTATION } - 18x0.3m = 5.40M<sup>3</sup>  
 ASSUMING 0.3m DEPTH }  
 FOR DIGESTION - 80x0.032 = 2.56M<sup>3</sup>  
 FOR SLUDGE STORAGE - 0.0002x365x80 = 5.84M<sup>3</sup>  
 FREE BOARD FOR SLUDGE - 9x0.3 = 5.40M<sup>3</sup>  
 19.2M<sup>3</sup>  
 SAY 20M<sup>3</sup>  
 DEPTH =  $\frac{\text{VOLUME}}{\text{STORAGE}} = \frac{20}{18} = 1.11 \text{m}$

SIZE OF SEPTIC TANK : 7.20x2.50x1.11m  
**UPFLOW FILTER**  
 LIQUID DEPTH OF SEPTIC TANK = 1.11m  
 VOLUME : 80x0.045 = 3.60M<sup>3</sup>  
 UPFLOW FILTER DEPTH } = 1.11-0.3 = 0.81M  
 ALLOWING 0.3m FREE BOARD }  
 AREA NEEDED:  $\frac{3.60}{1.11} = 3.24 \text{M}^2 \text{ SAY } 4 \text{M}^2$

SIZE OF UPFLOW FILTER = 7.20x2.50m  
 UPFLOW FILTER NO:1 = 1.00x1.60x0.96m  
 UPFLOW FILTER NO:2 = 1.00x2.00x0.81m

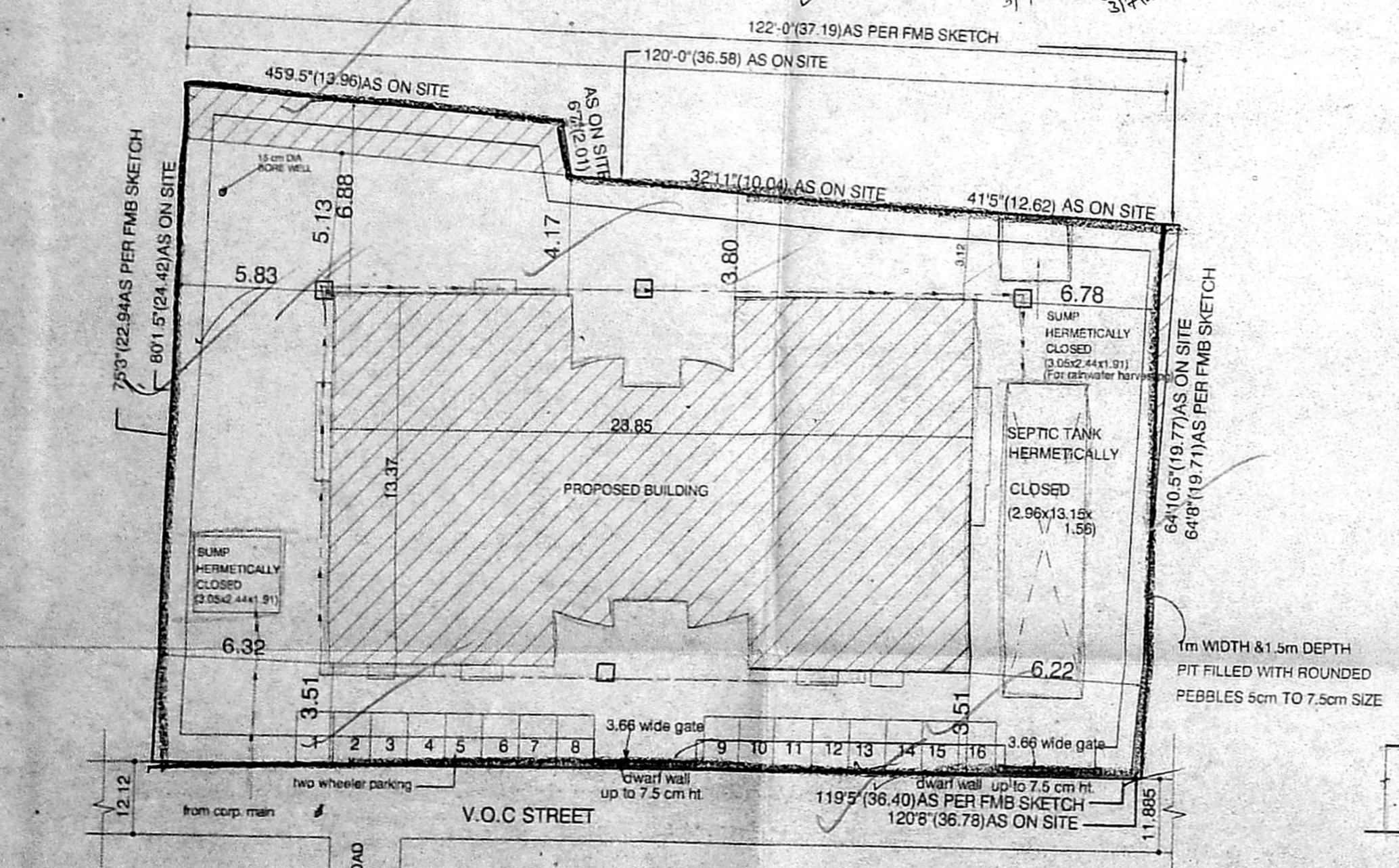
AREA STATEMENTS	SQ.M
AS PER PATA	850.00
AS PER DOCUMENT (MDA (B) / NO. 797/17)	
AS ON SITE (C.No. P.3/9035/2003)	805.00
GROUND FLOOR AREA	288.54
FIRST FLOOR AREA	294.87
SECOND FLOOR AREA	294.87
THIRD FLOOR AREA	294.87
FSI	A.P.1.47
PLOT COVERAGE - 36.96%	TOTAL 1173.05

PROPOSED RESIDENTIAL FLATS IN DOOR NO:6, VOC STREET, PADI, CHENNAI-600050. COMPRISED IN S.Nos.258/24B2, 261/2E & 261/2F OF PADI VILLAGE, AMBATTUR MUNICIPALITY, THIRUVALLUR DIST

SCALE : 1:100	DATE : 21-03-03
JOB NO :858	DRAWN : Banu&R.M
COLOUR INDEX	SHEET No - 1/2
PROPOSED	
BOUNDARY	
ROAD	
SEWER LINE	

N  
  
 1. D.T.  
 2. V. Sathyanarayana  
 3. V. Sathyanarayana  
 OWNER'S SIGNATURE

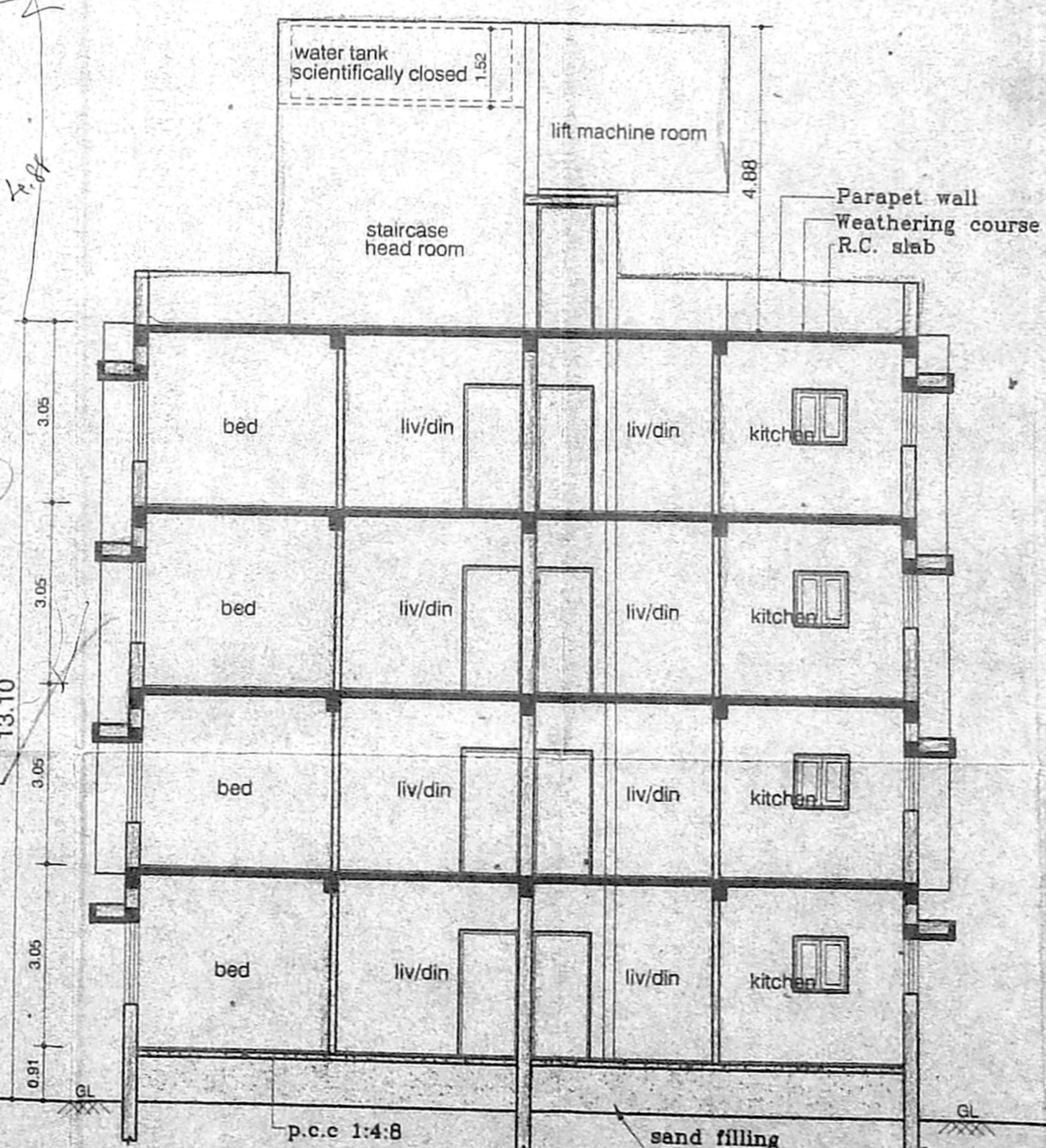
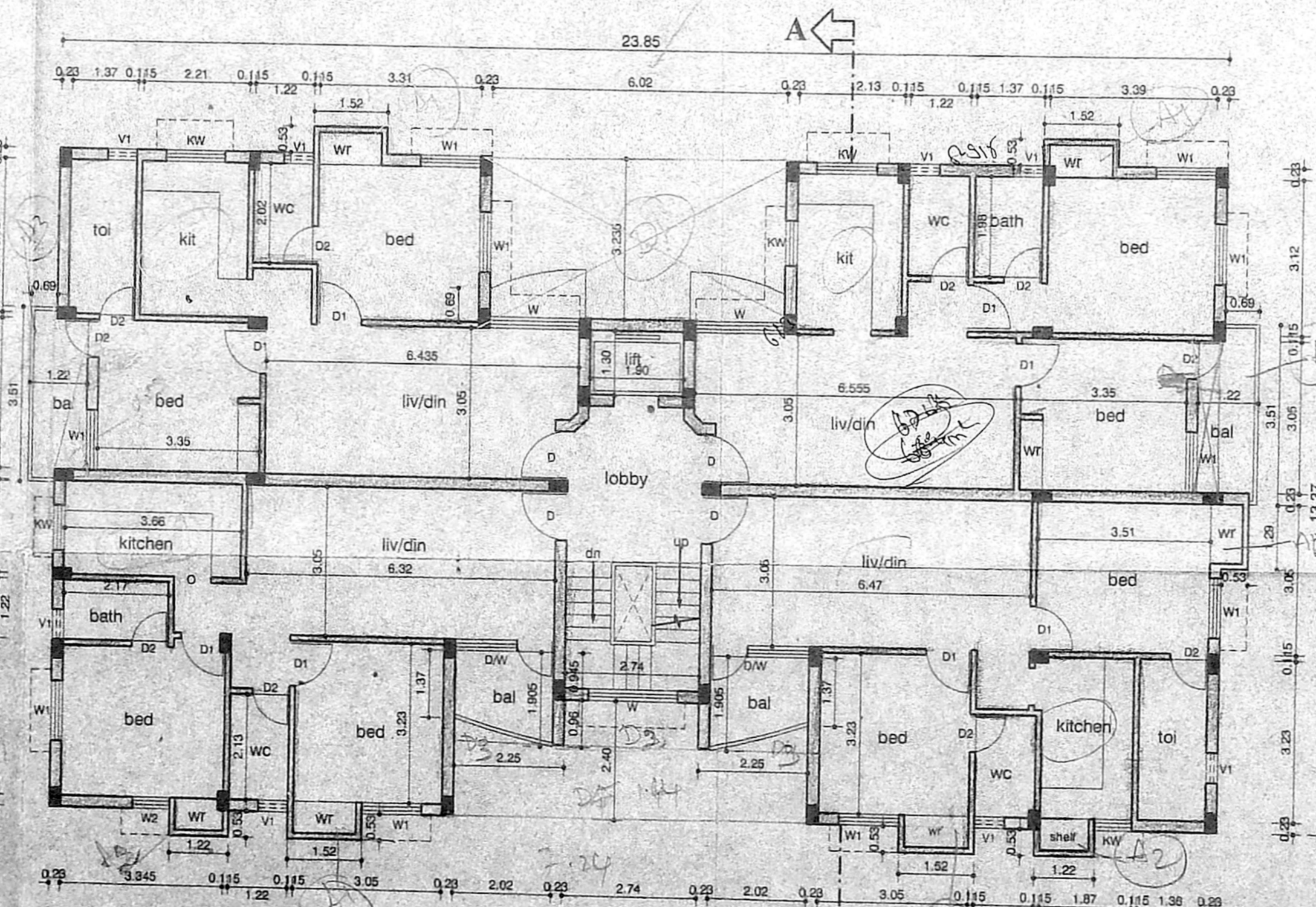
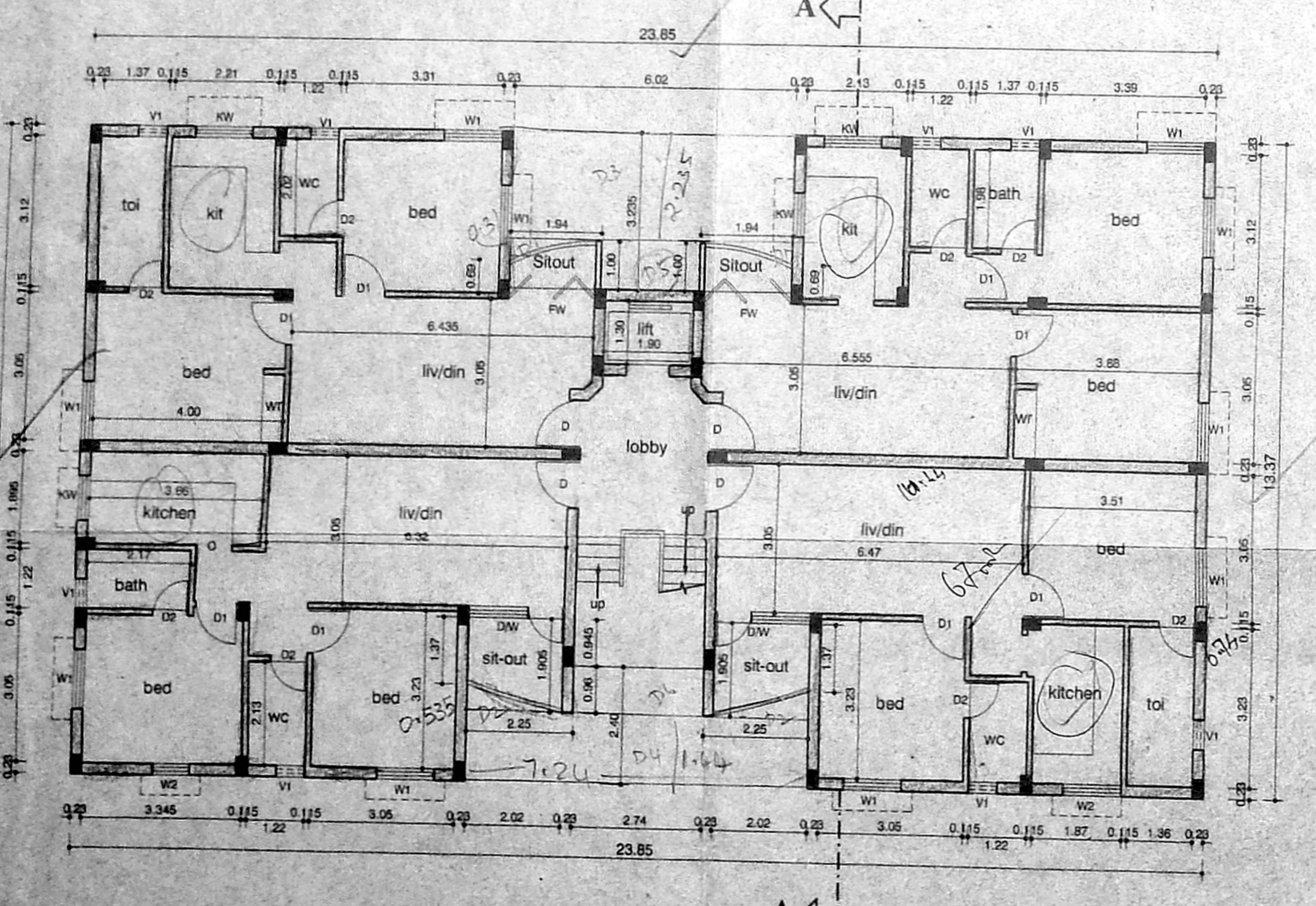
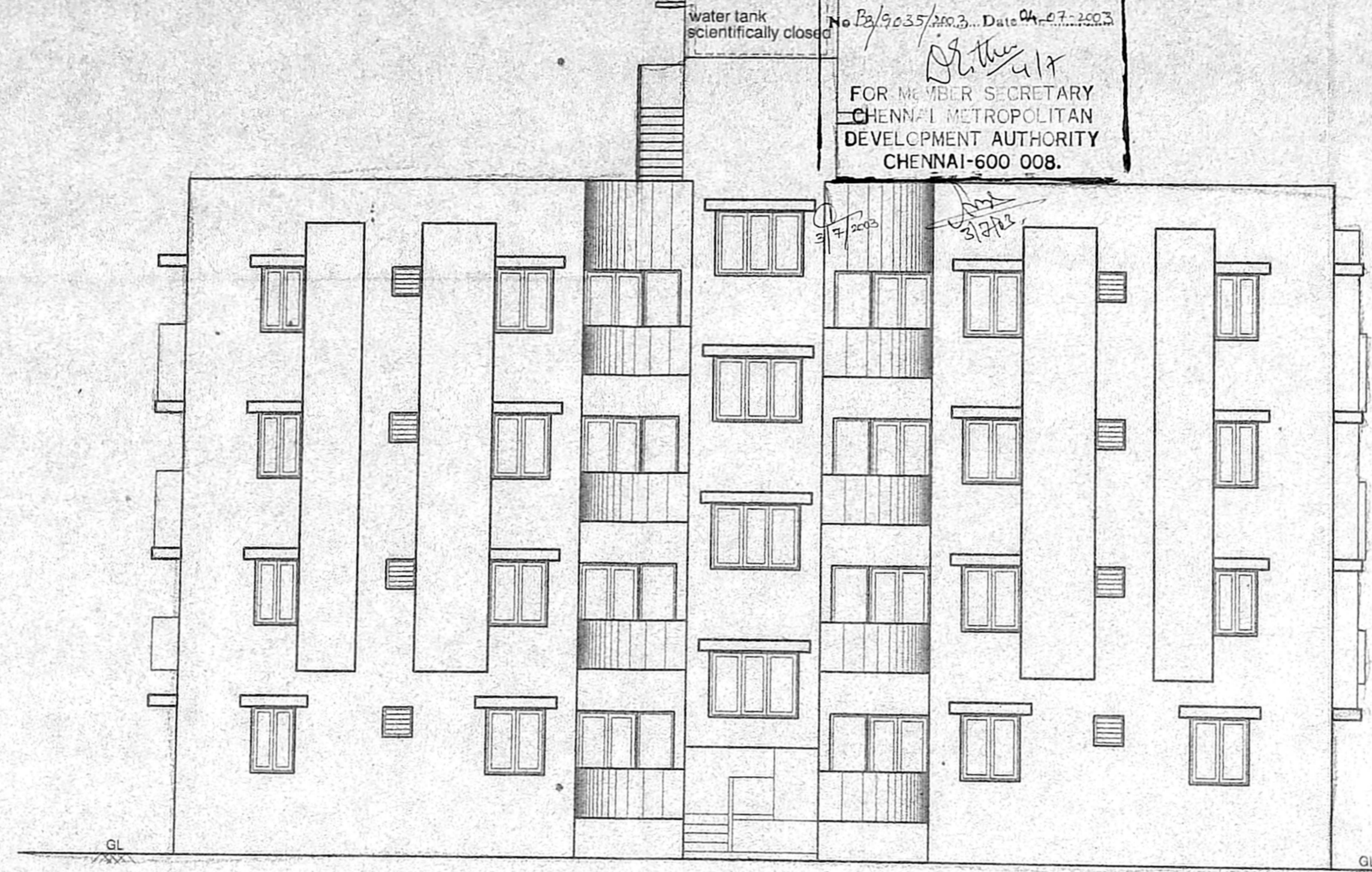
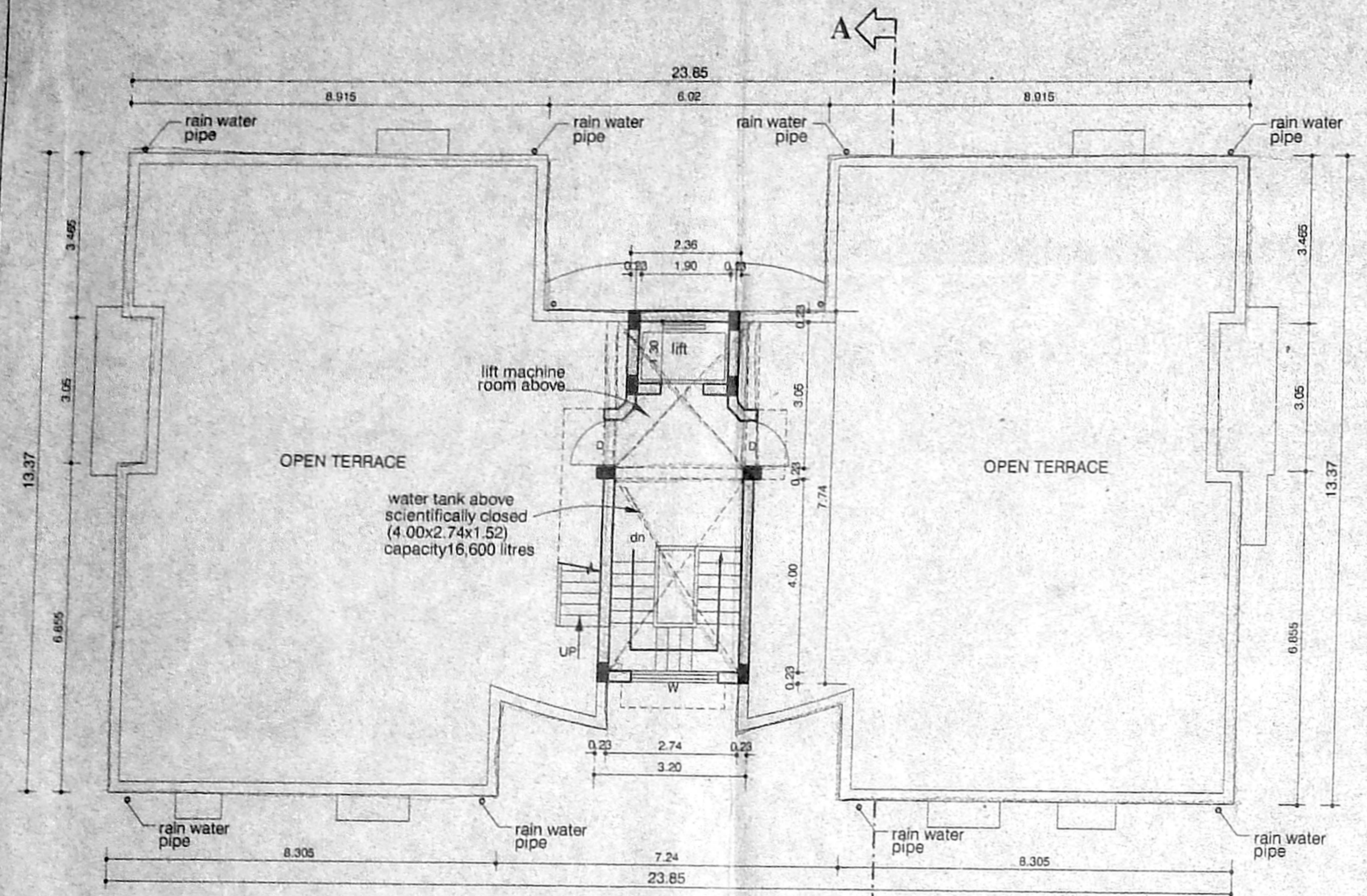
ARCHITECT  
**R.SATHYANARAYANA, b.arch. a.i.a.**  
  
 R. SATHYANARAYANA, B.ARCH., A.I.A.  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CA/86/9895  
 NO:55 (OLD U-12) 4th MAIN ROAD,  
 ANNA NAGAR, CHENNAI-600 040.



**SITE PLAN**  
 (SCALE = 1:200)

OFFICE COPY

B/SPL BLD/297(15)/2003  
 Planning Permit No. 297(15)/2003  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. B3/9035/2003, Date 24-03-2003  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



SCHEDULE OF JOINERY			CmdA B/1 No. 1
TYPE	DESCRIPTION	QTY	NO.
D	DOOR	Asst.	100x210
D1	DOOR	Scrutiny	0.90x2.10
D2	DOOR	P.A. 1/2	0.90x2.10
FW	FRENCH WINDOW	Asst.	2.02x2.10
DW	DOOR CUM WINDOW	Asst.	0.90x2.10
O	OPENING	Asst.	1.22x1.35
W1	WINDOW	Asst.	0.73x1.35
W2	WINDOW	Asst.	1.22x0.90
KW	WINDOW	Asst.	0.90x0.90
V	VENTILATOR	Asst.	0.60x0.60

- SPECIFICATIONS :-
- R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
  - SUPER STRUCTURE BRICKWORK SET IN cm 1:5
  - 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 & OUTSIDE WALLS
  - 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GRILLEWORK, ETC
  - 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	850.00
AS PER DOCUMENT	797.87
AS ON SITE	805.039
GROUND FLOOR AREA	288.54
FIRST FLOOR AREA	294.87
SECOND FLOOR AREA	294.87
THIRD FLOOR AREA	294.87
<b>TOTAL</b>	<b>1173.15</b>

PROPOSED RESIDENTIAL FLATS IN DOOR NO:6, VOC STREET, PADI, CHENNAI-600050. COMPRESSED IN S.Nos.258/24B2, 261/2E & 261/2F OF PADI VILLAGE, AMBATTUR TALUK, THIRUVALLUR DISTRICT.

SCALE : 1:100      DATE : 24-03-2003  
 JOB NO : 860      DRAWN : N.BANU

COLOUR INDEX

PROPOSED

N

OWNER'S SIGNATURE

ARCHITECT  
**R.SATHYANARAYANA, B. Arch. A.I.I.A.**  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CAT/86/9895  
 NO: 55 (OLD U-12) 4th MAIN ROAD,  
 ANNA NAGAR, CHENNAI-600 040.