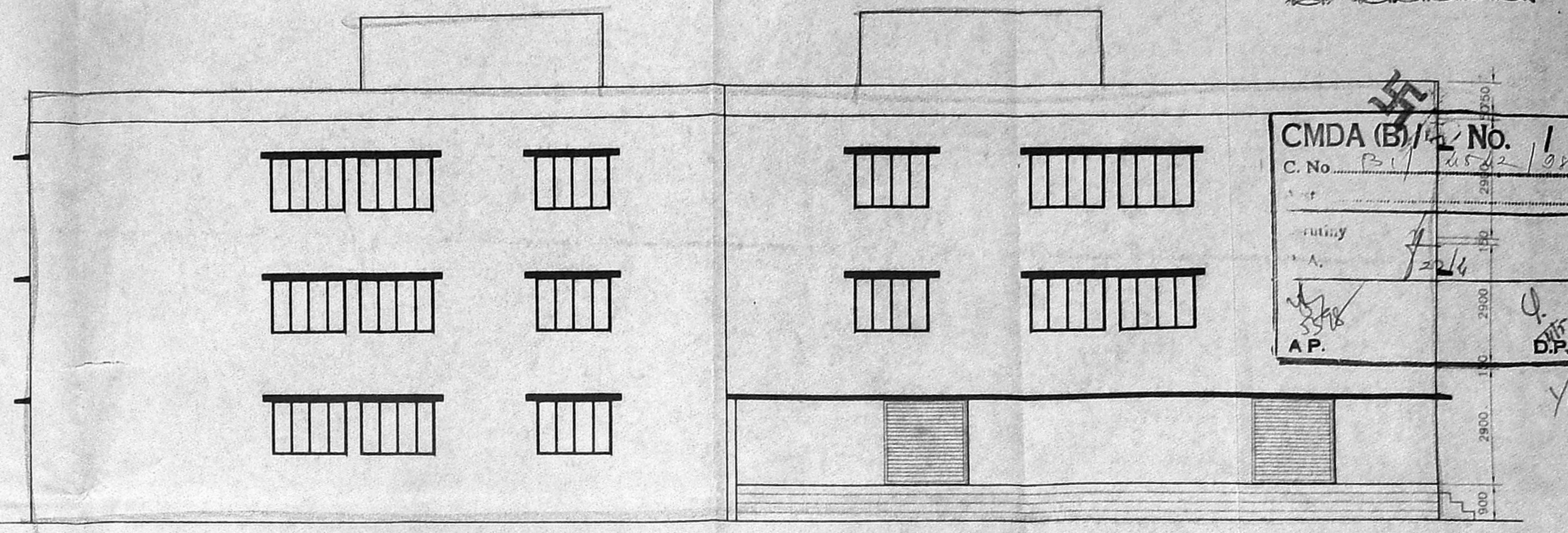


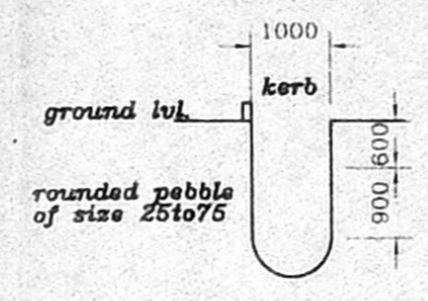
Planning Permit No. 13/26750/208A
APPROVED
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER
No. 13/26750/208A Date: 05/98
FOR MEMBER SECRETARY
CHENNAI METROPOLITAN
DEVELOPMENT AUTHORITY
CHENNAI-600 008

9150 wide road sivagami nagar I street.

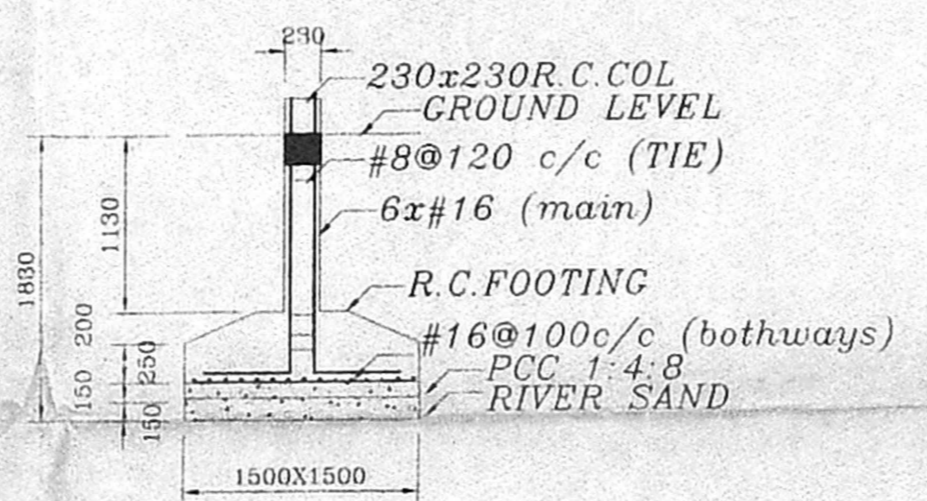


CMDA (B)/12 No. 1
C. No. B1/2542/108
A.P.
D.P.

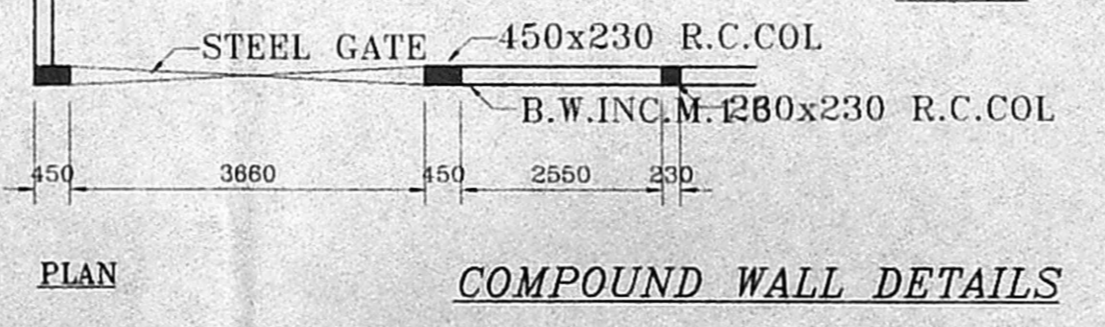
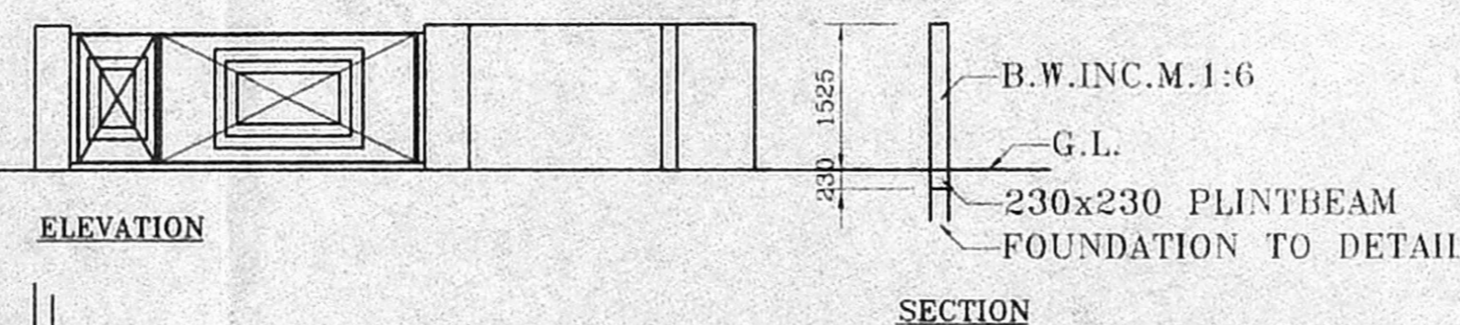
road side elevation (alpha block no.1)



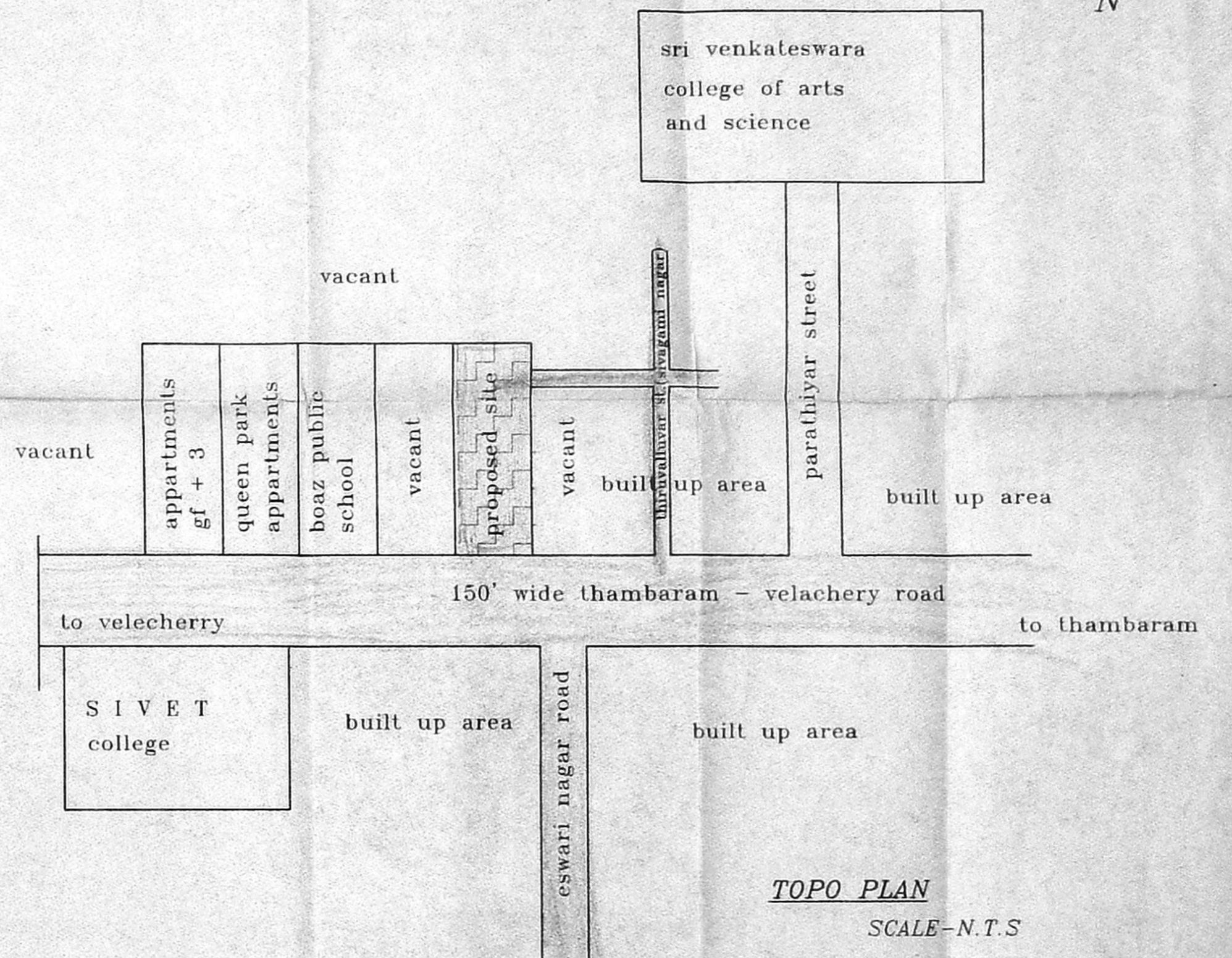
PERCUSSION PIT DETAILS



FOUNDATION DETAILS
SCALE-1:50



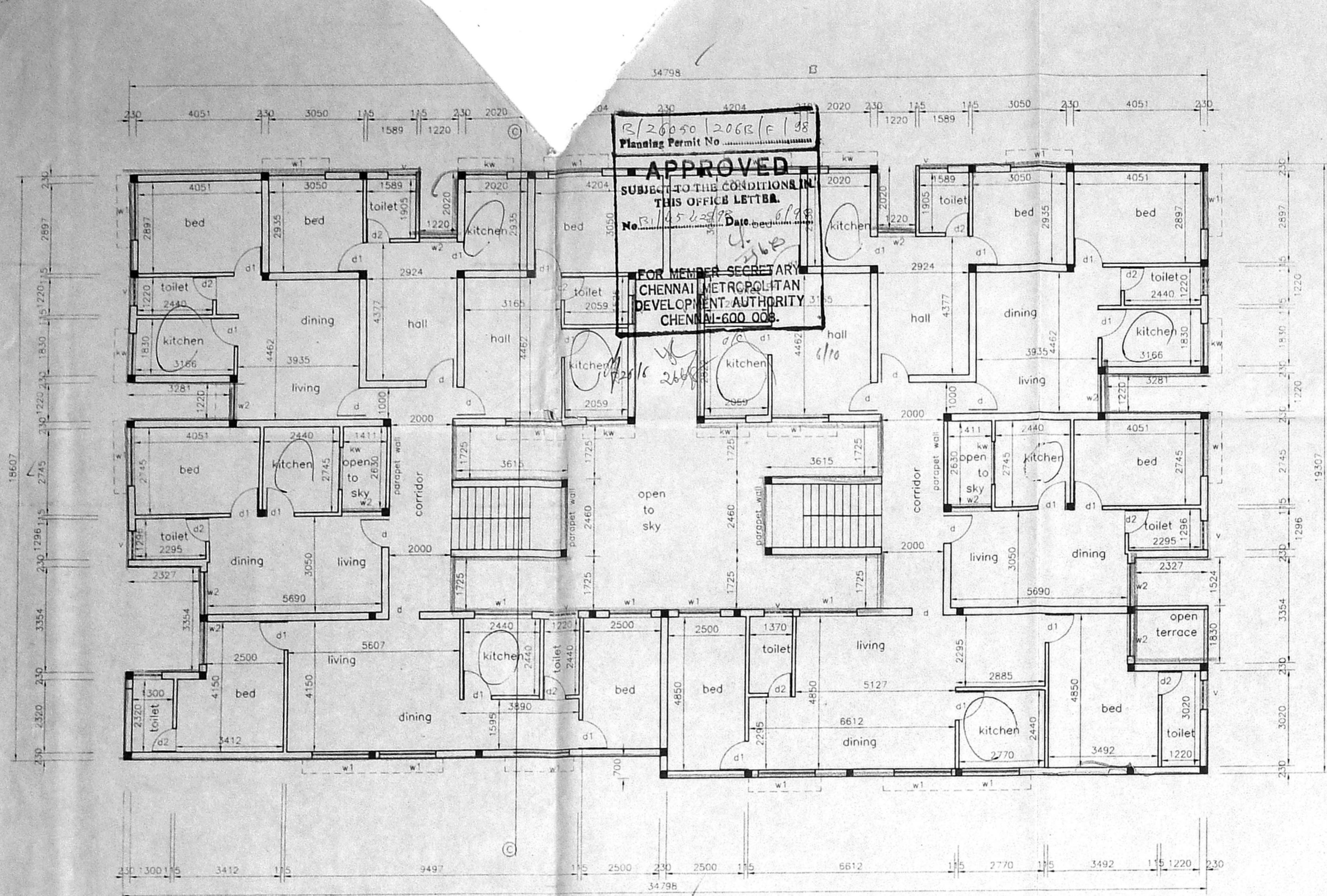
COMPOUND WALL DETAILS



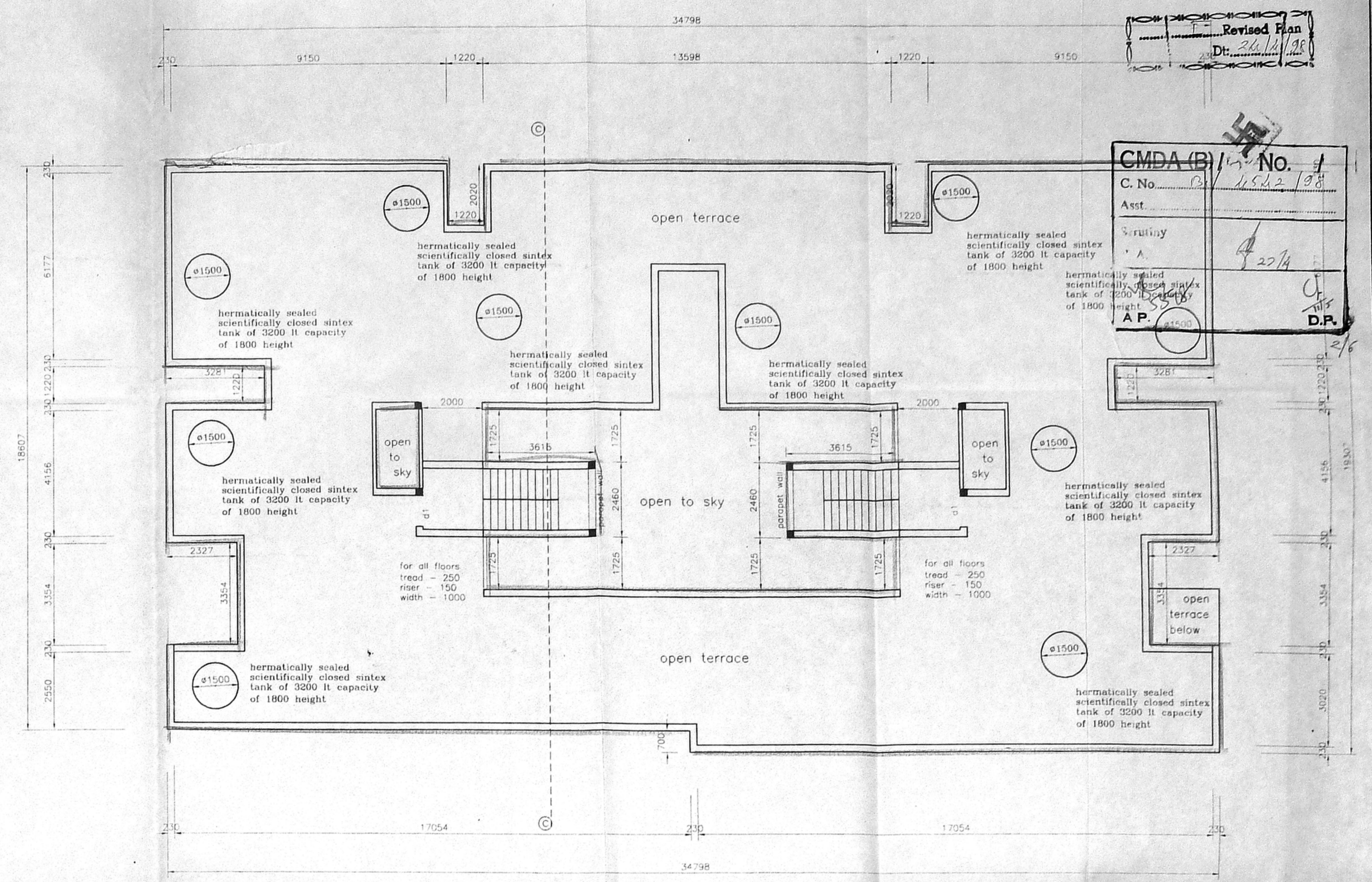
TOPO PLAN
SCALE-N.T.S

AREA STATEMENT	SQ.MT.	SPECIFICATION	DRG TITLE
PLOT EXTENT	4913.24		
ALLOWABLE BUILTUP AREA (1.5FSL)	7369.86	1 RCC FRAMED STRUCTURE IN ISOLATED FOOTINGS CONNECTED WITH GRADE BEAMS. FLOOR SLABS, FLOOR BEAMS IN M15 CONC. AND IN FE415 STEEL	proposed residential flats at survey no. 77/1b, 1a, 77/1b 1b, 77/1b 1c, 77/1b 1d, gowrivakkam village, sembakkam town panchayat chennai - 73, saidapet taluk.
ACHIEVED BUILTUP AREA (1.475FSL)	7227.19	2.230TH B.W. IN C.M. 1:6 AND 115TH PARTITION WALLS IN C.M. 1:4	
ALLOWABLE GROUND COVERAGE	60%	3 PLASTERING IN C.M. 1:4 IN ALL FACES OF WALLS AND DISTEMPERED.	
ACHIEVED GROUND COVERAGE	49%	4. WEATHERING COURSE IN LIME MORTAR WITH TWO LAYERS OF PRESSED TILES	
GROUND FLOOR AREA (1,2,3 & 4)	2411.55	5. MOSAIC TILE FLOORING IN ALL AREAS	
FIRST FLOOR AREA (1,2,3 & 4)	2411.55		
SECOND FLOOR AREA (1,2,3 & 4)	2411.55		
LEGEND			SCALE - 1:100
PROPOSED			DATE - 25/3/98
ROAD			DRN -
PLOT BOUNDARY			APPD -
SEWAGE LINE			note - all dimensions are in m.m.
WATER LINE			licensed surveyor
OWNER/POWER AGENT			

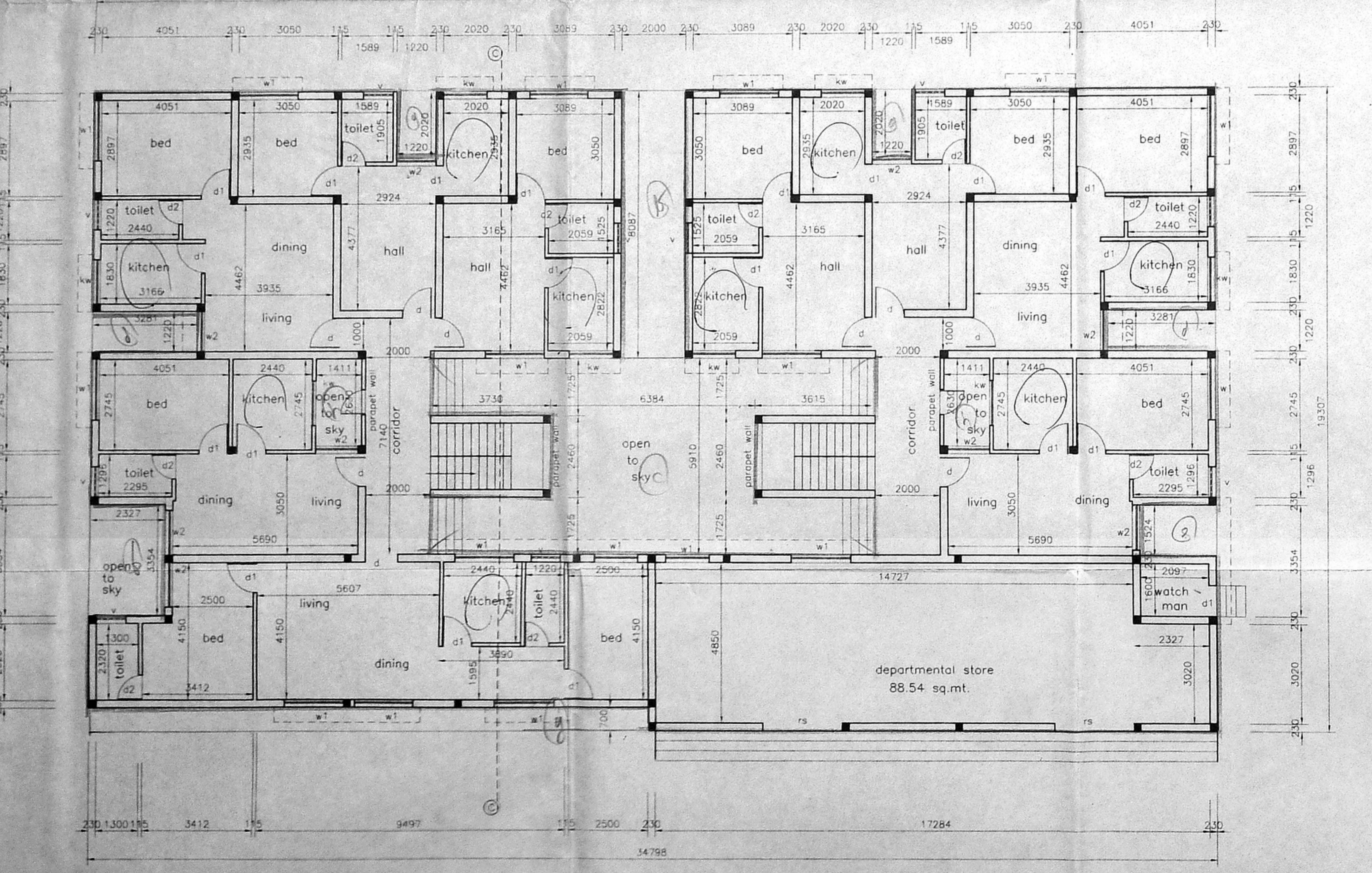
S. MANOHARAN, M.A.
REGISTERED ARCHT.
CA/09/12583
165, Kodambakkam High
Nangambakkam, Mad. 31
PH 0272733



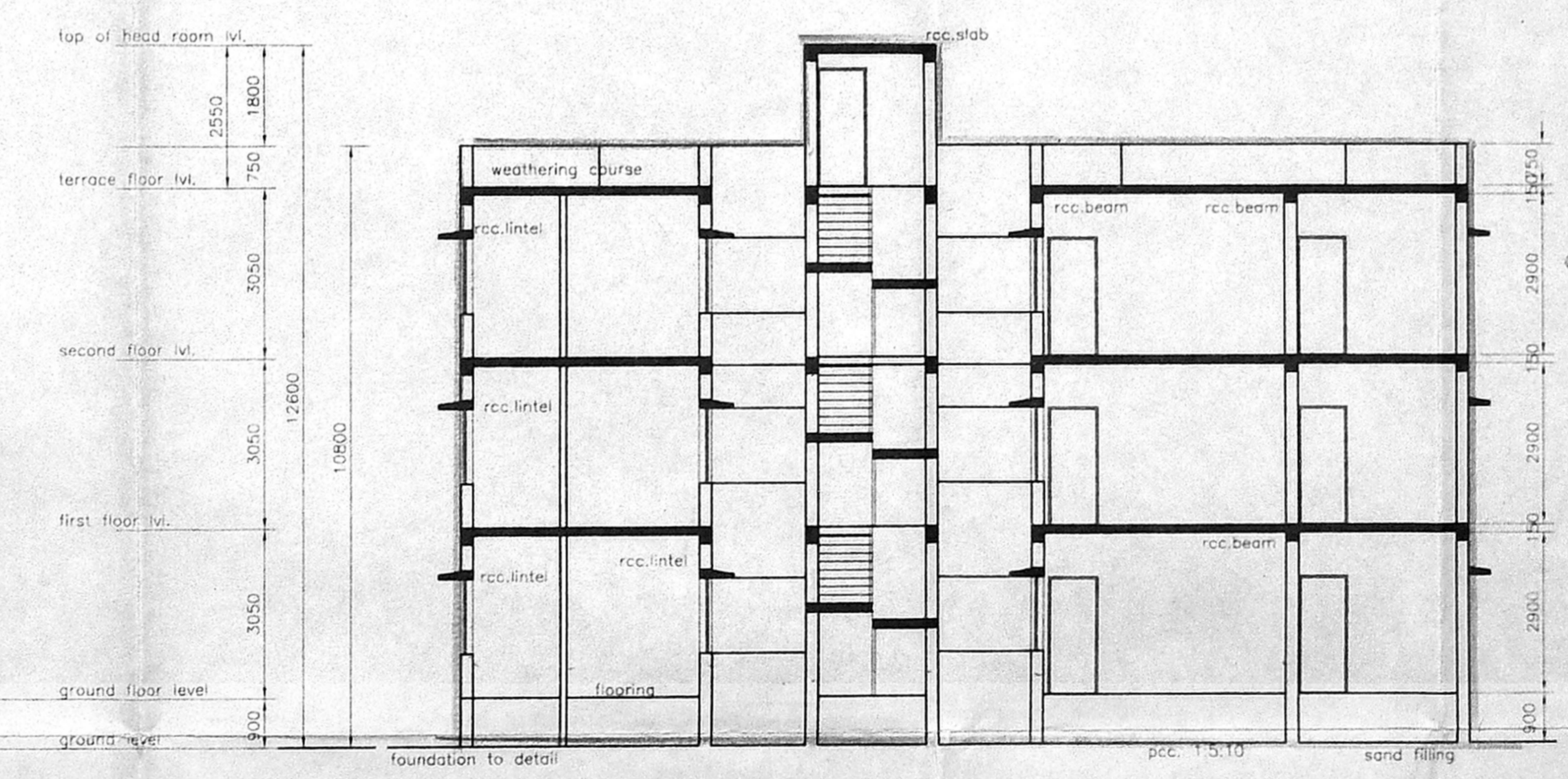
alpha block no.1 - first and second floor plan



alpha block no.1 - terrace floor plan



alpha block no.1-ground floor plan



alpha block-section on c - c

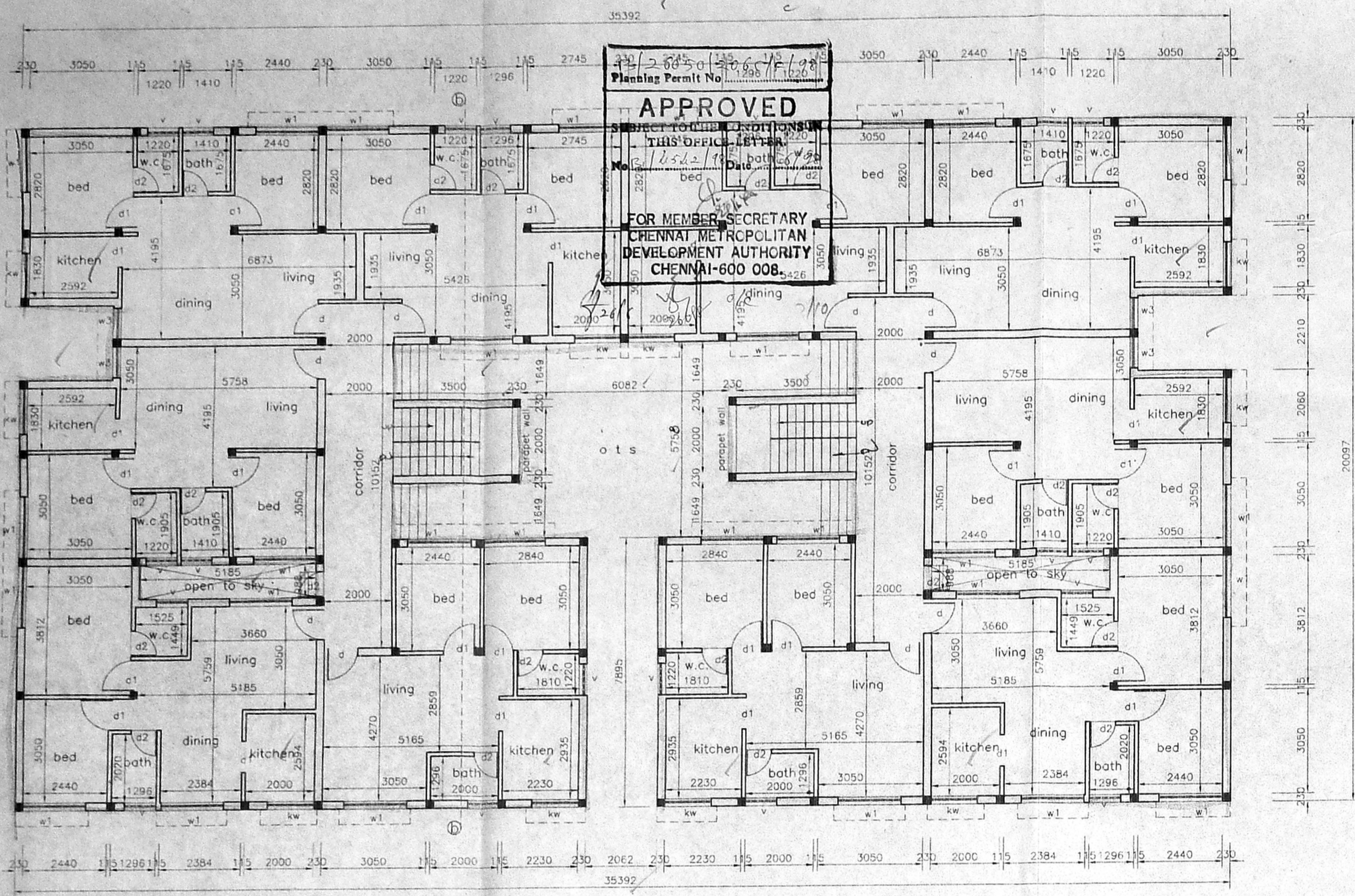
JOINERY DETAILS		
TYPE	DESCRIPTION	SIZE
rs	rolling shutter	2440x2135
d	door	1000x2135
d1	door	915x2135
d2	door	750x2135
w	window	1830x2000
w1	window	1830x1350
w2	wndow	1350X2000
w3	window	915x2000
w4	window	1350x1350
kw	kitchen wndow	1350x1060
v1	ventilator	610x915

LEGEND	
PROPOSED	<input type="checkbox"/>
ROAD	<input type="checkbox"/>
PLOT BOUNDARY	<input type="checkbox"/>
SEWAGE LINE	<input type="checkbox"/>
WATER LINE	<input type="checkbox"/>

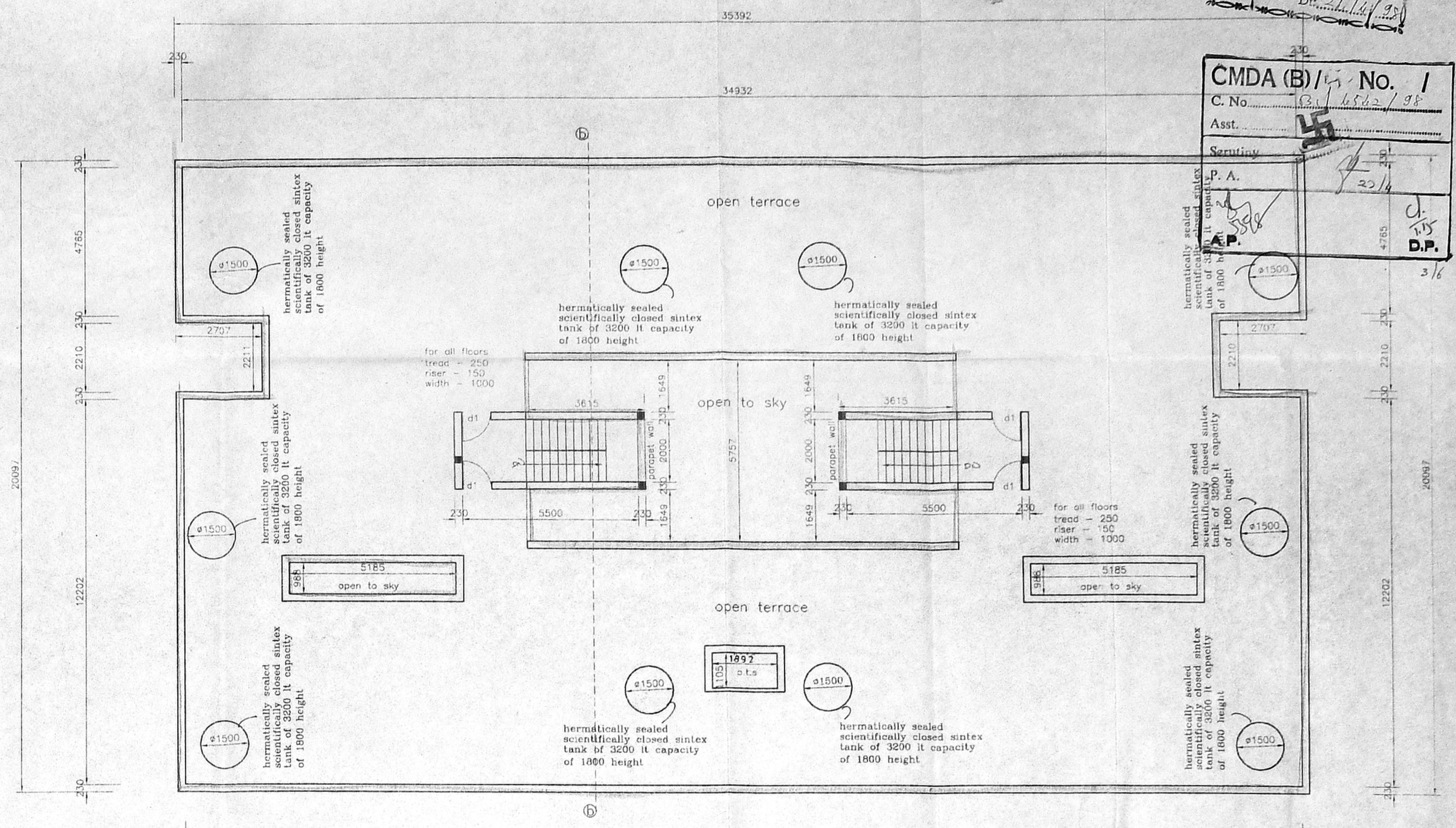
DRC TITLE
 proposed residential flats
 at survey no. 77/1b,1a
 77/1b 1b,77/1b 1c,77/1b1d,
 gowrivakkam village,
 sembakkam town panchayat
 chennai -73,saidapet taluk.

SCALE - 1:100 DATE - 25/2/98
 DRN - APPD -
 note - all diemensions are in m.m.
 licensed surveyor

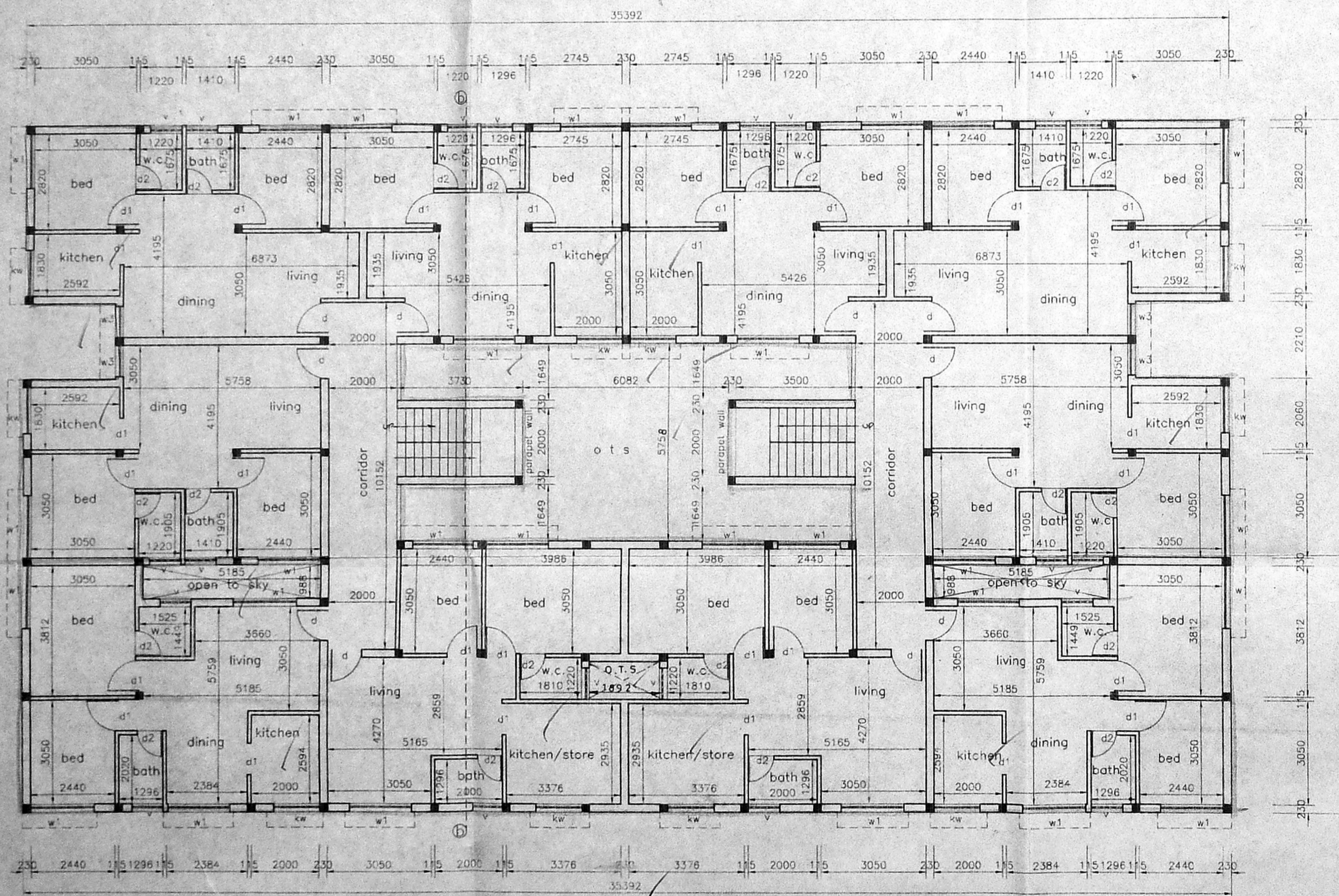
S. Manoharan
 S.MANOCHARAN M.Arch.
 (registered architect)
 C.A. 89/12583
 OWNER/POWER AGENT
 sheet no - 1/4



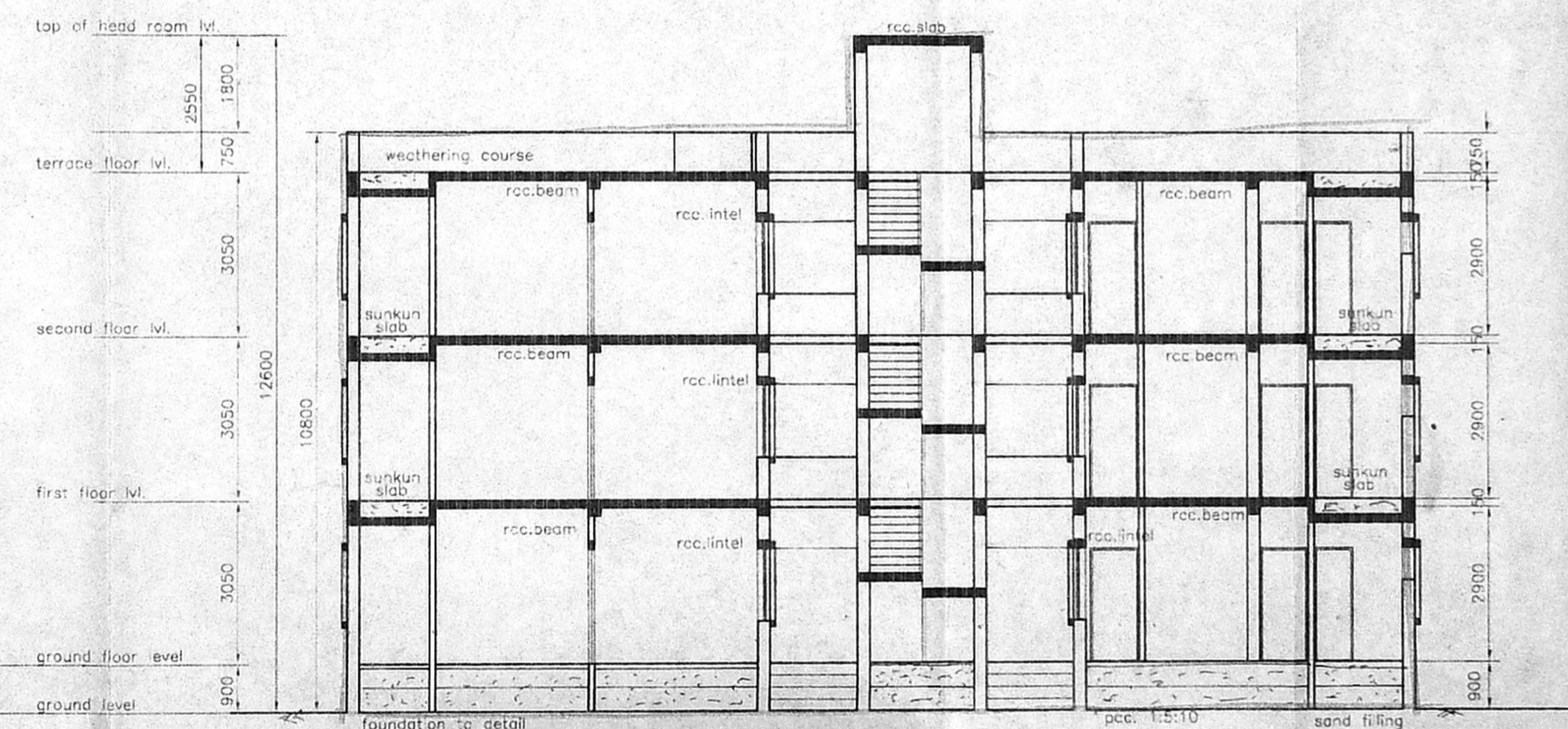
beta & gamma blocks no.2&3-ground floor plan



beta & gamma blocks terrace-floor plan



beta & gamma blocks no.2&3- first,second floor plan



beta & gamma blocks no.2&3 - section on b - b

JOINERY DETAILS		
TYPE	DESCRIPTION	SIZE
d	door	1000x2135
d1	door	915x2135
d2	door	750x2135
w	window	1830x2000
w1	window	1830x1350
w2	window	1350x2000
w3	window	915x2000
w4	window	1350x1350
kw	kitchen window	1350x1060
v1	ventilator	610x915

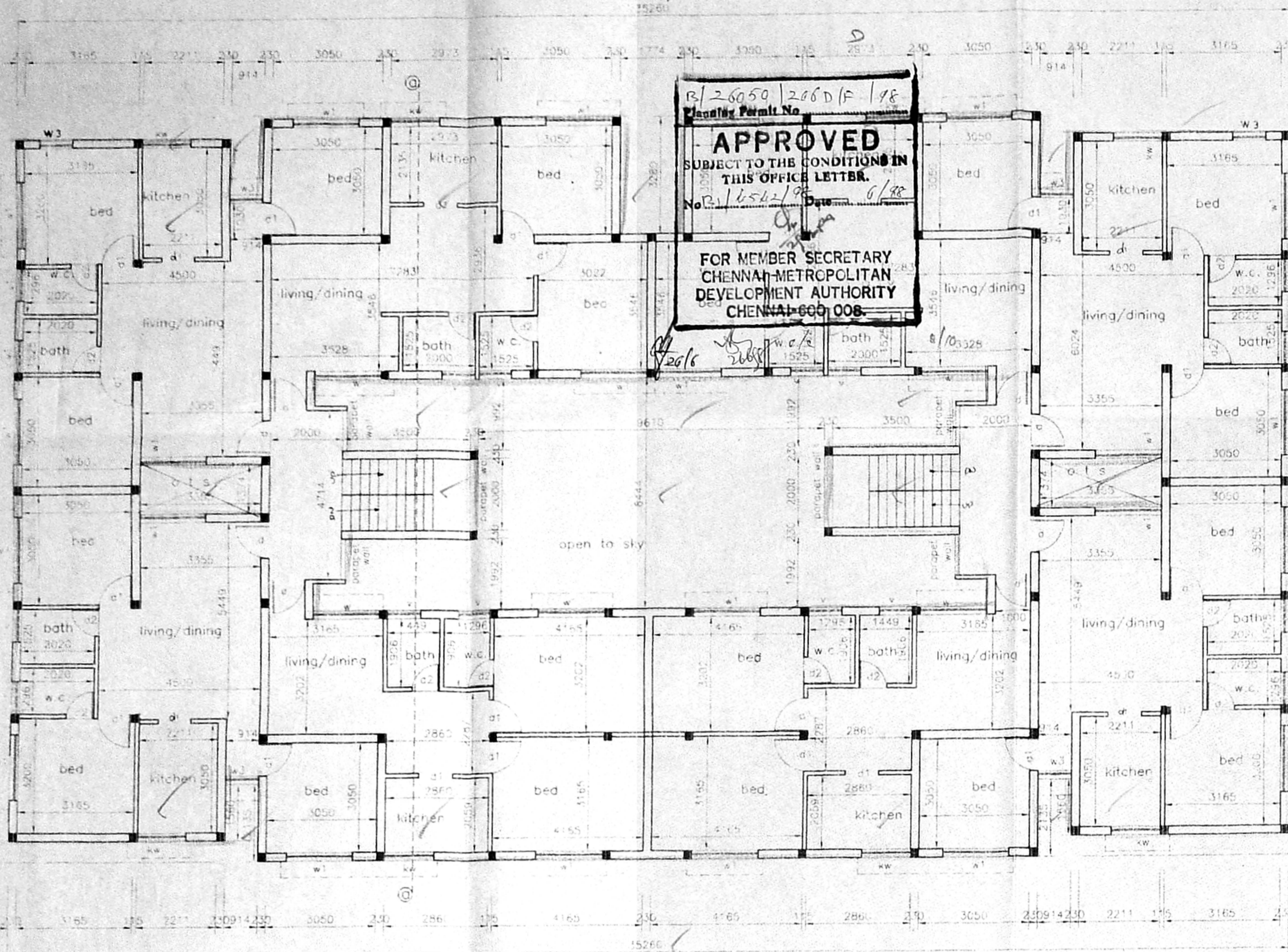
LEGEND	
	PROPOSED
	ROAD
	PLOT BOUNDARY
	SEWAGE LINE
	WATER LINE

DRG TITLE
 proposed residential flats
 at survey no. 77/1b,1a
 77/1b 1b,77/1b 1c,77/1b1d,
 gowrvakkam village,
 sembakkam town panchayat
 chennai - 73,saidapet taluk.

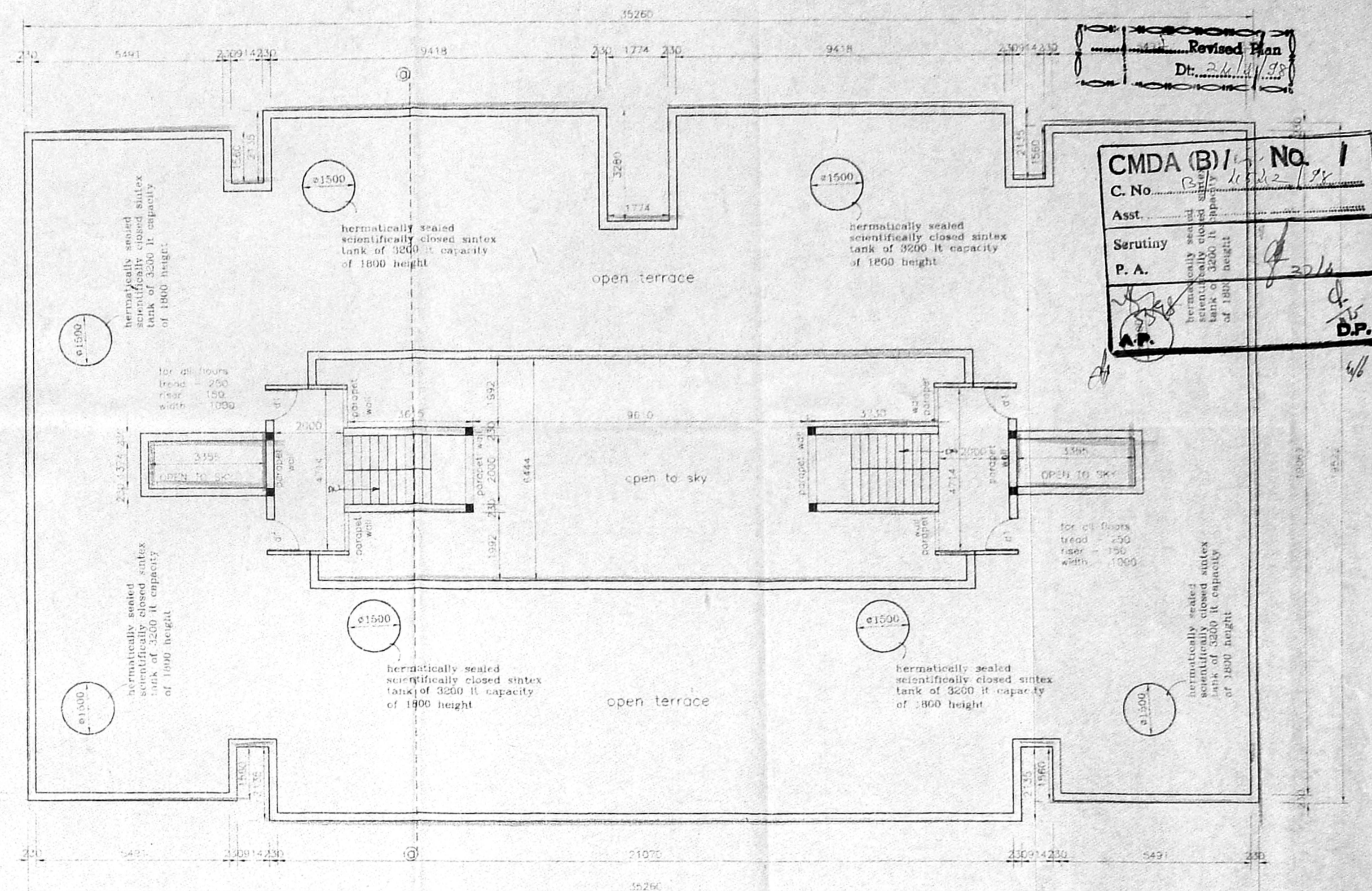
SCALE: - 1:100 DATE: - 25/2/98
 DRN: - APPD: -
 note: - all dimensions are in m.m.
 licensed surveyor

S. Manoharan
 S.MANOHARAN M.Arch
 (registered architect)
 C.A. 89/12583
 sheet no - 2/4

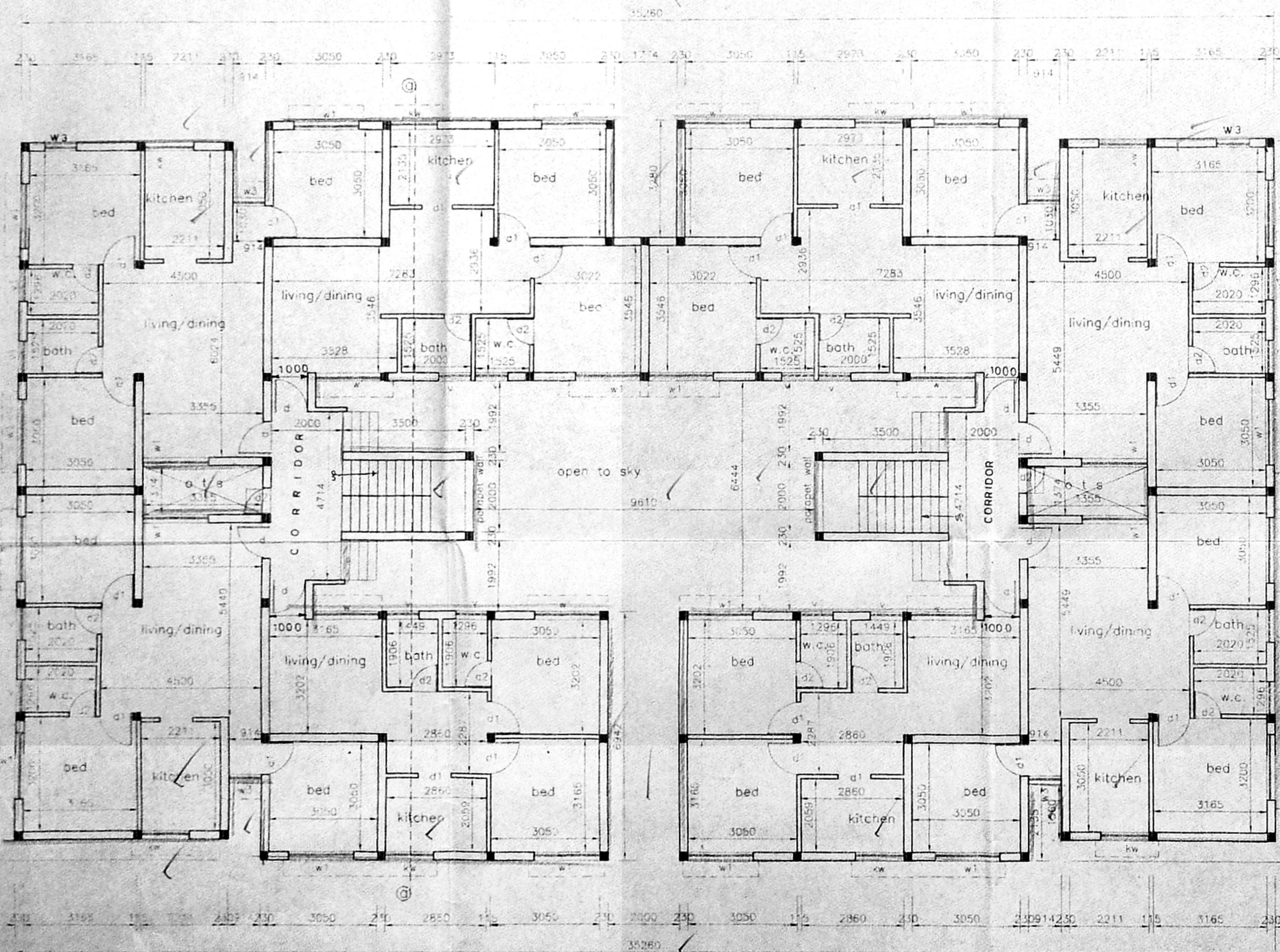
Revised Plan
 Dt. 21/11/98
CMDA (B) / No. 1
 C. No. 1582/98
 Asst. P. A.
 23/11
 D.P.



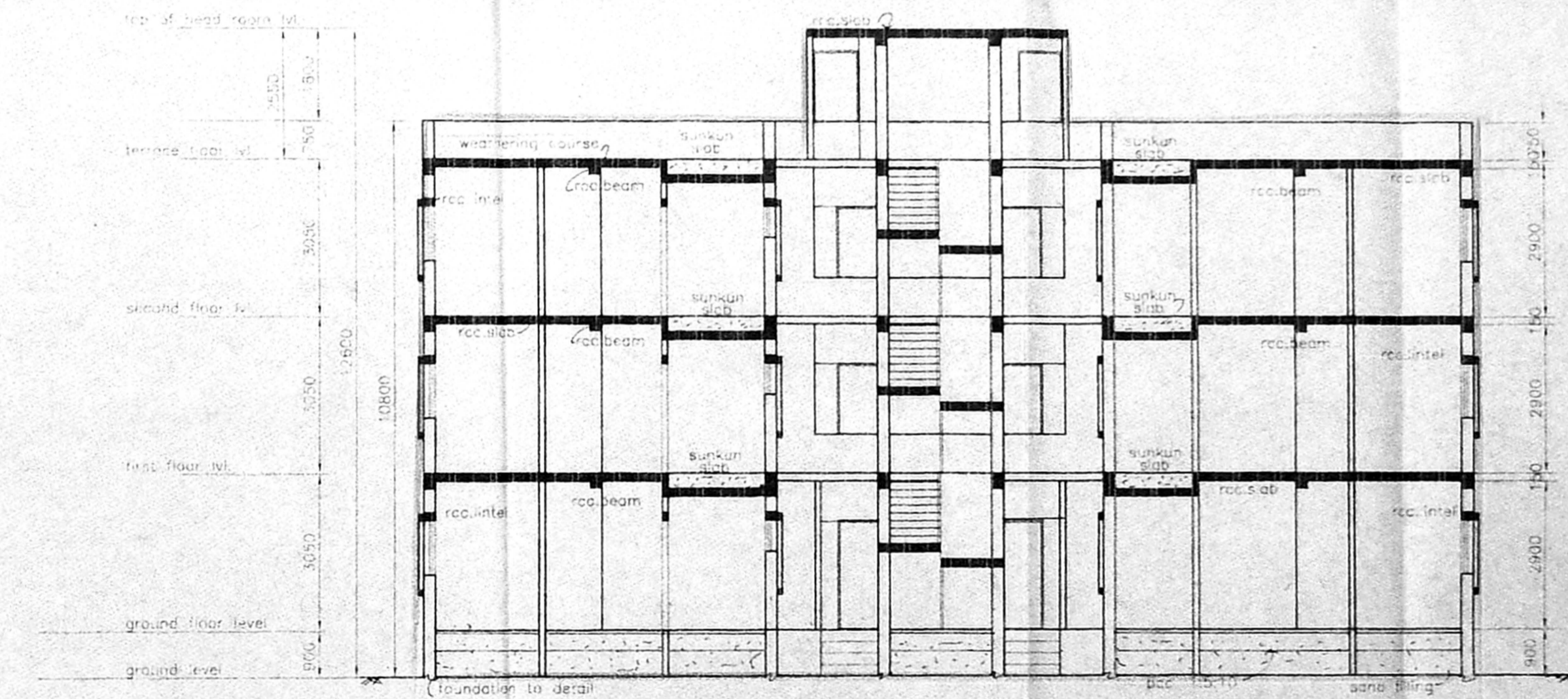
delta block no.4 - first second floor plan



delta block no.4 - terrace floor plan



delta block no.4 - ground floor plan



delta block no.4 - section on a a

JOINERY DETAILS		
TYPE	DESCRIPTION	SIZE
d	door	1000x2135
d1	door	915x2135
d2	door	750x2135
w	window	1830x2000
w1	window	1830x1350
w2	window	1350x2000
w3	window	915x2000
w4	window	1350x1350
kw	kitchen window	1350x1060
v1	ventilator	610x915

LEGEND	
PROPOSED	[Symbol]
ROAD	[Symbol]
PLOT BOUNDARY	[Symbol]
SEWAGE LINE	[Symbol]
WATER LINE	[Symbol]

OWNER/POWER AGENT

[Signature]

DWG TITLE

proposed residential flats
 at survey no. 77/1b,1a
 77/1b 1b,77/1b 1c,77/1b1d,
 gowrivakkam village,
 sembakkam town panchayat
 chennai - 73, saidapet Strk.

SCALE - 1:100 DATE - 25/2/98

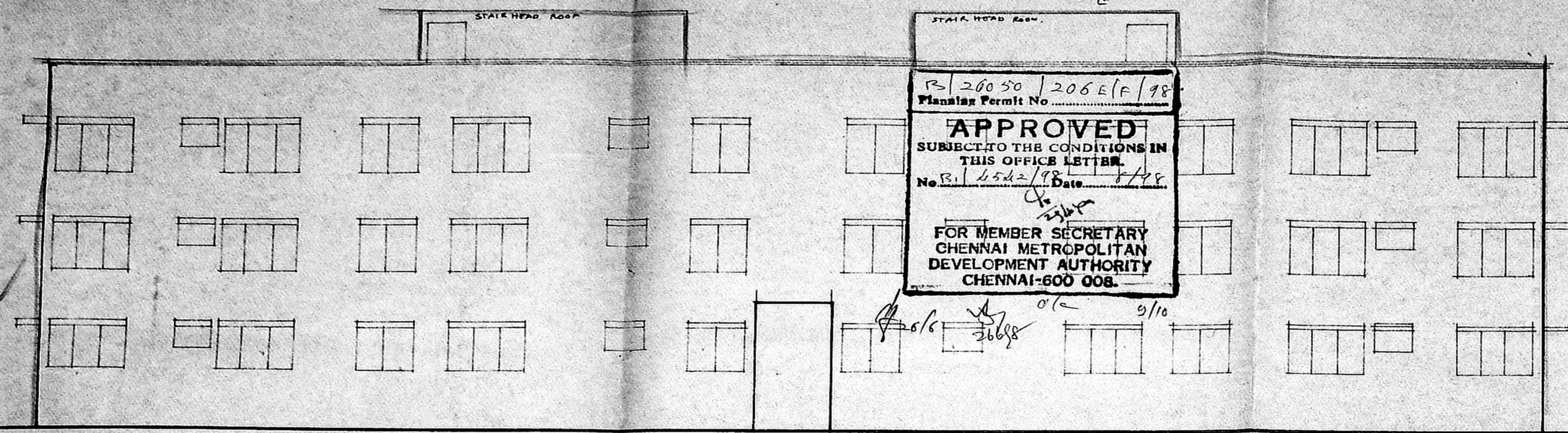
DRN - APPD -

note - all dimensions are in m.m.

licensed surveyor

[Signature]
 S. MANOHARAN M.Arch.
 (registered architect)
 C.A. 89/12583

sheet no - 3/4



STAIR HEAD ROOM

STAIR HEAD ROOM

R/26050/206E/F/98
 Planing Permit No.

APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.

No. B.1/4542/98 Date: 8/98

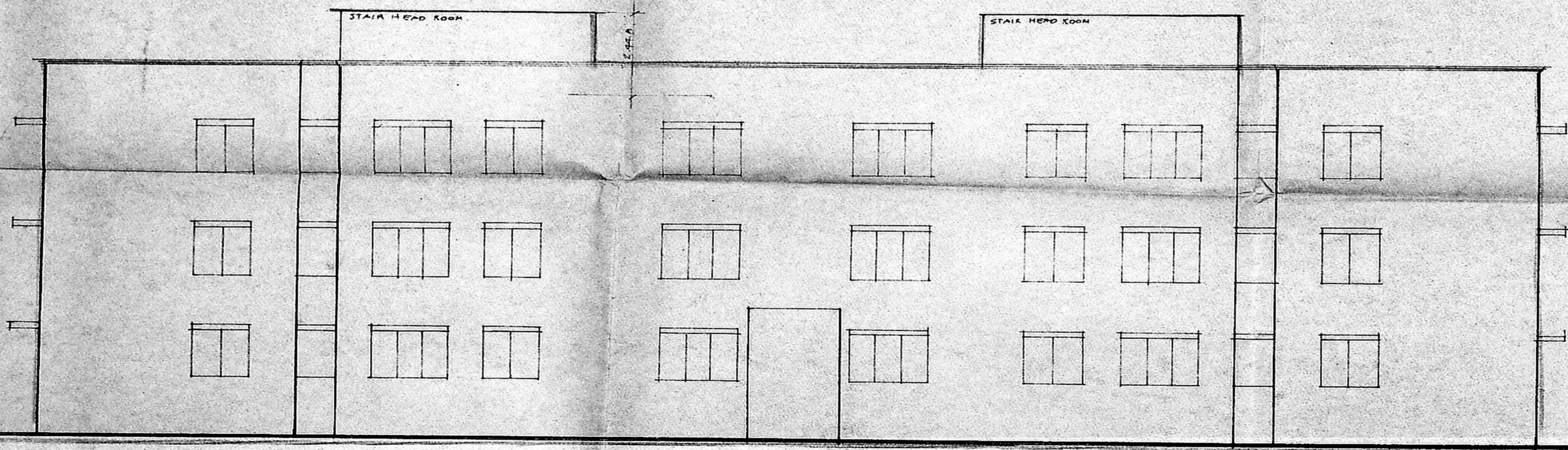
FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

6/6 3668 9/10

Revised Plan
 Dt. 24/11/98

CMDA (B)/17 No. 1
 C. No. B.1/4542/98
 Asst.
 Serutiny
 P. A. 27/4
 A.P. D.P. 5/6

FRONT ELEVATION OF GAMMA & BETA BLOCK NO 2 & 3.



FRONT ELEVATION OF DELTA BLOCK NO 4.

proposed residential flats
 at survey no 77/1b,1a,
 77/1b 1b,77/1b 1c,77/1b1d,
 gowrivakkam village,
 sembakkam town panchayat
 chennai - 73 saidapet taluk.

SCALE: 1:100

[Signature]

OWNER / POWER AGENT

[Signature]
 S. MANOHARAN M.Arch.
 (Registered architect)
 CA. 89/12583

LICENSED SURVEYOR

design of septic tank

110/12
 no. of flats 120 nos
 no. of users 120x5 = 600 persons
 rate of water supply is 150 lph/day
 then flow of sewage per day 150x600 = 90000lit/day
 detention period is 18 hours
 tank capacity 90000x18/24 = 67500 lit
 tank is to be cleaned every year
 so sludge storage capacity at the rate of 15 liters per persons per year 600x15 = 9000 lit
 9000+67500 = 76500

with provision for future assuming
 total liters (2.00 x 76500) 153000 liters.
 septic tank having capacity of 153 cu.mt.
 depth of liquid as 1.60 mt.
 plan of the tank is 153/1.6 = 95.625 sq.mt.
 the ratio of length to width of tank be 1:3 assuming 3 nos of septic tank
 95.625/3 = 31.875 sq.mt
 so breadth of tank 10.00 mt.
 length of tank is 3.50 mt.
 free board of the tank 0.400 mt.
 total depth of tank is 2.00 mt.
 provide septic tank size 10.00 x 3.50 x 2.00 mt.

up flow filters for each tank
 discharge of persons 75 000 liters
 volume 8.00 x .45 = 22.50 cu.mt.
 depth 1.10 - 0.0 = 0.80 mt.
 plan area of required 0.25 / 0.80 = 28 sq.mt.
 size of final effluent sump 2.80 x 0.70 x 1.75 mt.
 up flow filter no. 1 size 1.40 x 0.70 x 0.80 mt.
 up flow filter no. 2 size 1.40 x 0.10 x 0.80 mt.

CMDA (B)/PP No. 1

C. No. B. 4542/98

Asst. _____

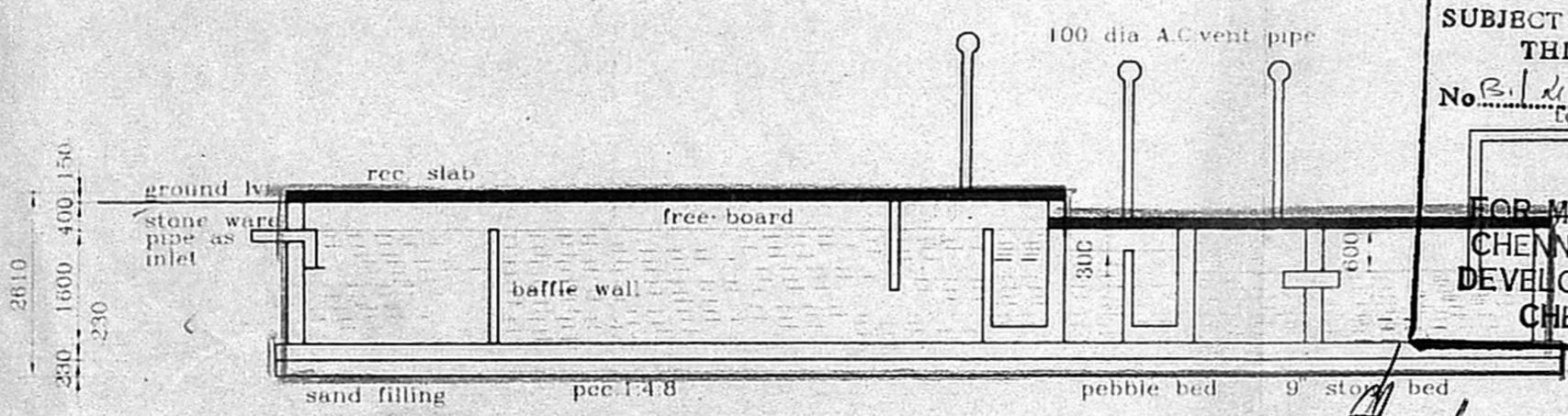
Scrutiny _____

P. A. 19/3

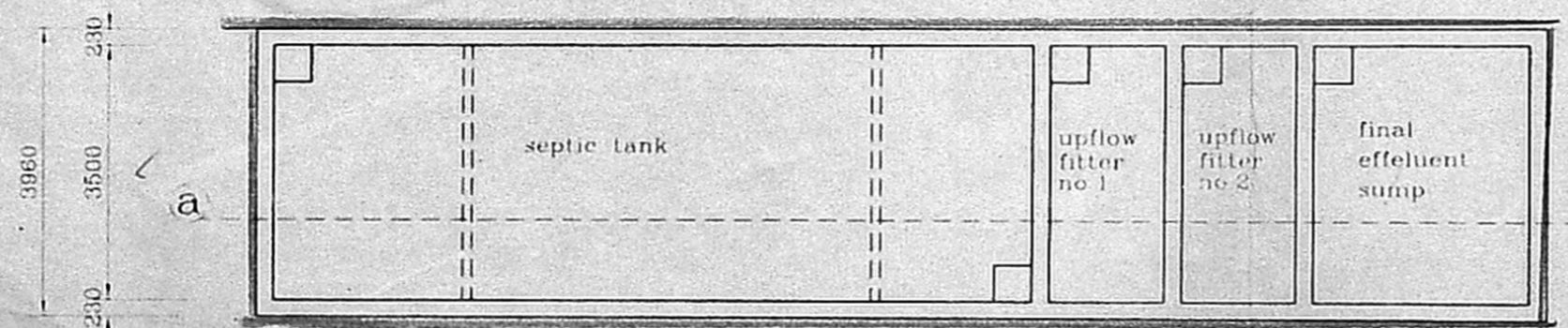
25/3/98
 A.P. 5858
 20/4
 D.P.

[Signature]
 owner/ power agent

R/26050/206 F/A/98
 Planning Permit No. _____
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. B. 4542/98 Date 6/98
 to pump
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.



section on a a



plan

DRG TITLE
 proposed residential flats
 at
 gowrivakkam village,
 saidapet taluk.

septic tank details.
 S NO 77/1b 1a, 77/1b 1b, 77/1b 1c, 77/1b 1d

SCALE - 1:100 DATE _____
 DRN APPD: - _____

note - all dimensions are in m.m.

licensed surveyor
S. Manoharan
 S MANOHARAN M. Arch.
 (registered architect)
 CA 89/12583

DRG. NO.: - MAN - 3