

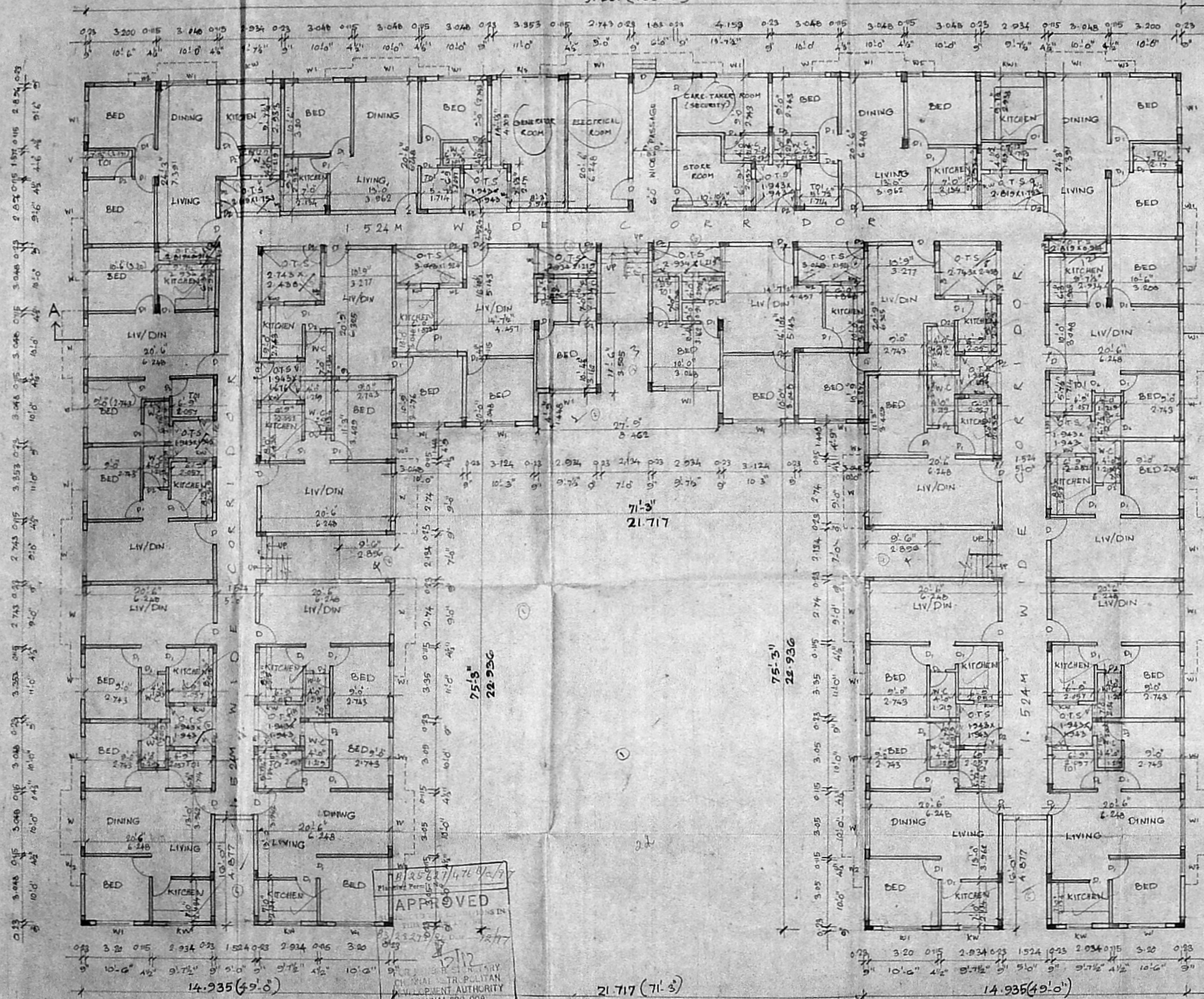
AREA STATEMENT	SQ. FT.	SQ. M.
PLOT AREA	3073.926	
GROUND FLOOR AREA	1433.368	
FIRST FLOOR AREA	1524.49	
SECOND FLOOR AREA	1524.49	
THIRD FLOOR AREA	1524.49	
TOTAL AREA	4616.926	
ALLOWED FOR STANDARD DEDUCTION	17.25	
TOTAL BUILT-UP AREA	4616.926	
FSI - 1.494		
PLOT COVERAGE = 49.5%		

PROPOSED RESIDENTIAL FLATS AT PLOT NO 24, 25, 26, 27, 28, 33, 34, 35, 36 & 37 SELVAM NAGAR, MADHAVARAM VILLAGE R.S. NO 1176/2, 1176/3.

SITE PLAN	
COLOUR INDEX	
PROPOSED ROAD	
BOUNDARY	
SEWAGE LINE	
NORTH 	
OWNER'S SIGNATURE	
SCALE: 1:20 & 1:50	JOB NO: 566
DATE: 7.8.96	DEG NO: 1
DRAWN: G. Sathyanarayana	CHEK: R.S.
ARCHITECT	
R. SATHYANARAYANA, B. Arch.	
COUNCIL OF ARCHITECTURE	
C.A. NO 86/2095	
D-12 ANNA NAGAR	
MADRAS - 40	

51.587 (169'-2")

39.929 (131'-0")



APPROVED
 CHIEF ARCHITECT
 MUNICIPAL CORPORATION
 CHENNAI-600 008

GROUND FLOOR PLAN

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
D	T.W. PANELLED DOOR	3'0" x 7'0"
D1	T.W. FLUSH DOOR	3'0" x 7'0"
D2	T.W. GLAZED DOOR	3'0" x 7'0"
W	T.W. GLAZED WINDOW	5'0" x 4'0"
W1	DO	6'0" x 4'0"
W2	DO	4'0" x 4'0"
V	T.W. GLAZED VENTILATOR	2'0" x 2'0"
WV	T.W. GLAZED WINDOW	4'0" x 3'0"
RS	ROLLING SHUTTER	5'0" x 3'0"

SPECIFICATIONS

- R.C.C FOOTING & COLUMNS IN CONCRETE 1:2:4.
- SUPERSTRUCTURE: BRICKWORK SET IN CM 1:5.
- RCC 1:2:4 FOR BEAMS, LINTELS, SOUSHADES AND SLABS.
- RCC 1:4:8 FOR FLOOR LEVELING BEDS.
- RCC 1:5:10 IN BASEMENT FOR FOOTING.
- JOINERY IN BEST SEASONED TEAKWOOD.
- 3 COATS OF CEMENT PAINT TO INSIDE AND OUTSIDE WALLS.
- 2 COATS OF ENAMEL PAINT OVER ONE COAT OF PRIMER FOR JOINERY GRILLWORK ETC.
- WEATHERING COURSE OVER ROOF SLAB 3" THICK BRICK JELLY LIME CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP.

AREA STATEMENT

DESCRIPTION	SQ.M
GROUND FLOOR AREA	1433.368 SQ.M

GROUND FLOOR PLAN

PROPOSED RESIDENTIAL FLATS AT PLOT NO. 24, 25, 26, 27, 28, 33, 34, 35, 36 & 37, SELVAM NAGAR, MADHAVARAM VILLAGE, R.S. NO. 1176/2, 1176/3

SCALE: 1" = 8'-0" DATE: 9.8.96
 JOB NO: 566 DRAWN: Thanmath

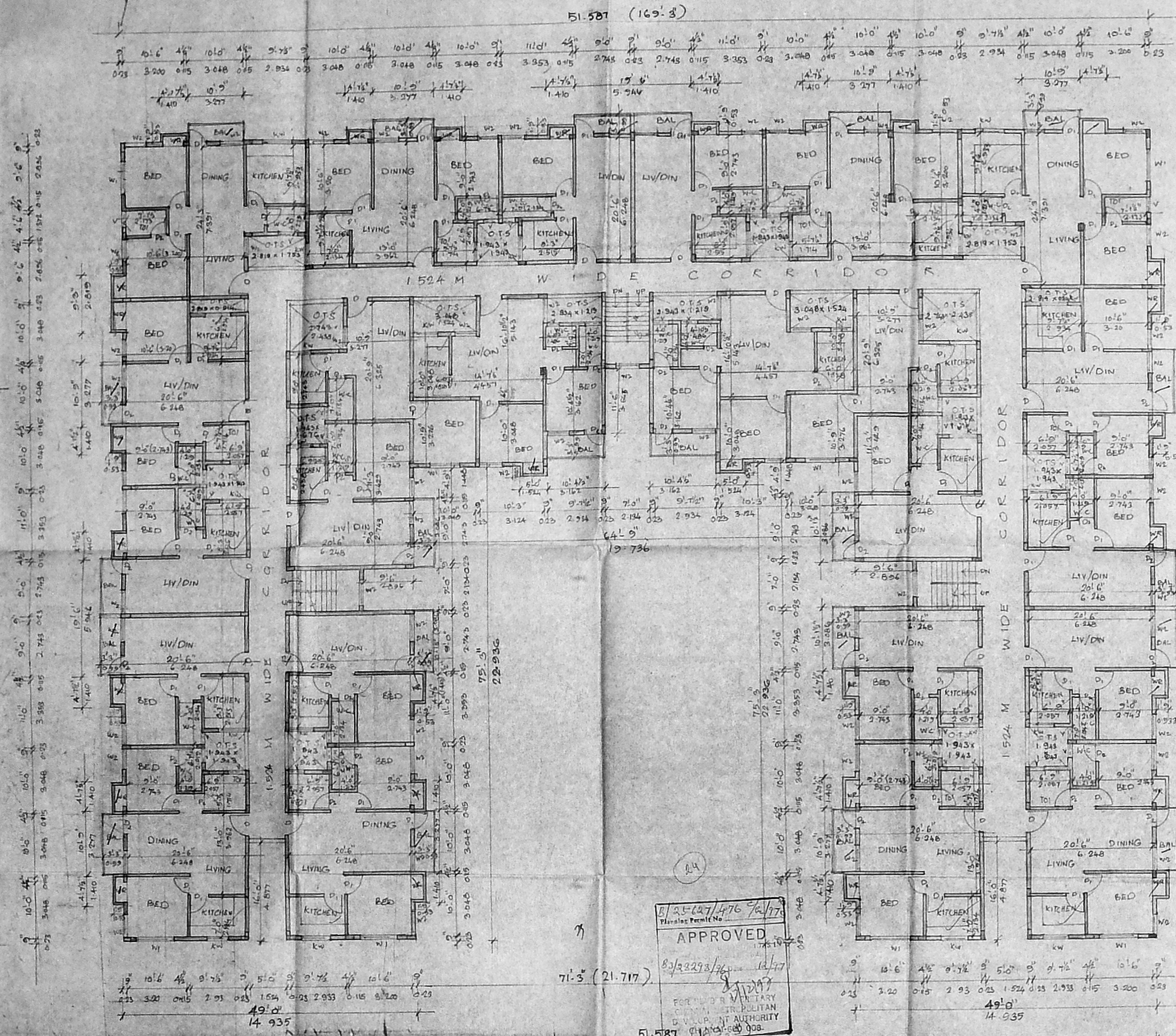
COLOUR INDEX

PROPOSED

NORTH

 OWNER'S SIGNATURE

ARCHITECT
 R. SATHYANARAYANA, b.arch.,
 CIVIL ENGINEER
 C. No. 6619895,
 1/22, ALVA NAGAR,
 MADRAS - 600040.



8/25/97/476/10/17
 Planning Permit No
APPROVED
 8/23/97/476/10/17
 FOR THE MUNICIPALITY
 CHIEF ARCHITECT
 MUNICIPAL AUTHORITY
 CHENNAI-600 008.

TYPICAL FLOOR PLAN (I, II)

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE	METRIC
D	DOOR	3'6" x 7'0"	1.06 x 2.15
D1	DOOR	3'0" x 7'0"	0.91 x 2.15
D2	DOOR	2'6" x 7'0"	0.76 x 2.15
W	WINDOW	CMD 10'0" x 4'0"	3.05 x 1.22
W1	WINDOW	6'0" x 4'0"	1.83 x 1.22
W2	WINDOW	4'0" x 4'0"	1.22 x 1.22
KW	KITCHEN WINDOW	6'0" x 4'0"	1.83 x 1.22
KW1	KITCHEN WINDOW	4'0" x 4'0"	1.22 x 1.22
V	VENTILATOR	2'0" x 2'0"	0.61 x 0.61

SPECIFICATIONS

- R.C.C. FOOTING & COLUMNS IN CONCRETE 1:2:4.
- SUPERSTRUCTURE - BRICKWORK SET IN CM 1:5
- R.C.C. 12:4 FOR BEAMS, LINTELS, SUNSHADES/SLABS
- R.C.C. 1:2:4 FOR FLOOR LEVELLING COURSE
- R.C.C. 1:5:10 IN BASEMENT FOR FOUNDATION
- JOINERY IN BEST SEASONED COUNTRY WOOD
- 3 COATS OF CEMENT PAINT TO INSIDE & OUTSIDE WALLS
- 2 COATS OF ENAMEL PAINT OVER ONE COAT OF PRIMER FOR JOINERY, GRILLWORK ETC
- WEATHERING COURSE OVER ROOF SLABS THICK WITH BRICK JELLY LIME CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP.

AREA STATEMENT	sq.ft	sq.m
PLOT AREA	23140.00	2075.87

FIRST FLOOR AREA = 1524.49 SQ.M
 SECOND FLOOR AREA = 1524.49 SQ.M

PROPOSED RESIDENTIAL
 FLATS AT PLOT NO. 24, 25,
 26, 27, 28, 33, 34, 35, 36
 & 37, SELVAM NAGAR,
 MADHAVARAM VILLAGE,
 R.S. NO. 1176/2, 1176/3.

COLOUR INDEX

PROPOSED

TYPICAL FLOOR PLAN (I, II)

SCALE: 1" = 8'0" (1:100) JOB NO: 866

DATE: 5.8.96. DRG NO: 3

DRAWN: Hanumanth CHD: RS

NORTH

 OWNER'S SIGNATURE

ARCHITECT

 R SATHYANARAYANA, B. Arch.,
 COUNCIL OF ARCHITECTURE,
 CA NO. 68/895
 6-12 ANNA NAGAR,
 MADRAS-40

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	QUANTITY	METER
D*	DOOR	3'6" x 7'6"	1.06 x 2.13
D1	DOOR	3'0" x 7'6"	0.91 x 2.13
D2	DOOR	2'6" x 7'6"	0.76 x 2.13
W	WINDOW	0'0" x 4'6"	0.00 x 1.37
W1	WINDOW	3'6" x 4'6"	1.06 x 1.37
W2	WINDOW	2'6" x 4'6"	0.76 x 1.37
KW	KITCHEN WINDOW	2'6" x 3'6"	0.76 x 1.06
KW1	KITCHEN WINDOW	1'6" x 3'6"	0.46 x 1.06
V	VENTILATOR	1'6" x 2'6"	0.46 x 0.76
W3	WINDOW	1'6" x 4'6"	0.46 x 1.37

SPECIFICATIONS

- RCC FOOTING & COLUMN IN CONCRETE 1:2:4
- SUPERSTRUCTURE BRICKWORK SET IN CM 1:5
- RCC 1:2:4 FOR BEAMS, LINTELS, SUNSHADE & SLAB
- RCC 1:4:8 FOR FLOOR LEVELLING COURSE
- RCC 1:5:10 IN BASEMENT FOR FOUNDATION
- JOINERY IN BEST SEASONED COUNTRY WOOD
- 3 COATS OF CEMENT PAINT TO INSIDE & OUTSIDE WALL
- 2 COATS OF ENAMEL PAINT OVER ONE COAT OF PRIMER FOR JOINERY, GRILL WORK, ETC
- WEATHERING COURSE OVER ROOF SLAB 3" THICK WITH BRICK JELLY H.M.C. CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP

AREA STATEMENT

THIRD FLOOR AREA = 136.259 SQ.M

PROPOSED RESIDENTIAL FLATS AT PLOT NOS: 24, 25, 26, 27, 28, 33, 34, 35, 36, & 37, SELVAM NAGAR, MADHAVARAM VILLAGE, R.S. NO: 1176/2, 1176/3.

THIRD FLOOR PLAN

COLOUR INDEX

PROPOSED

SCALE 1:210 (1:100)

DATE 6.8.96

DRAWN: *Thang* JOB NO: 566

DRG NO: 4

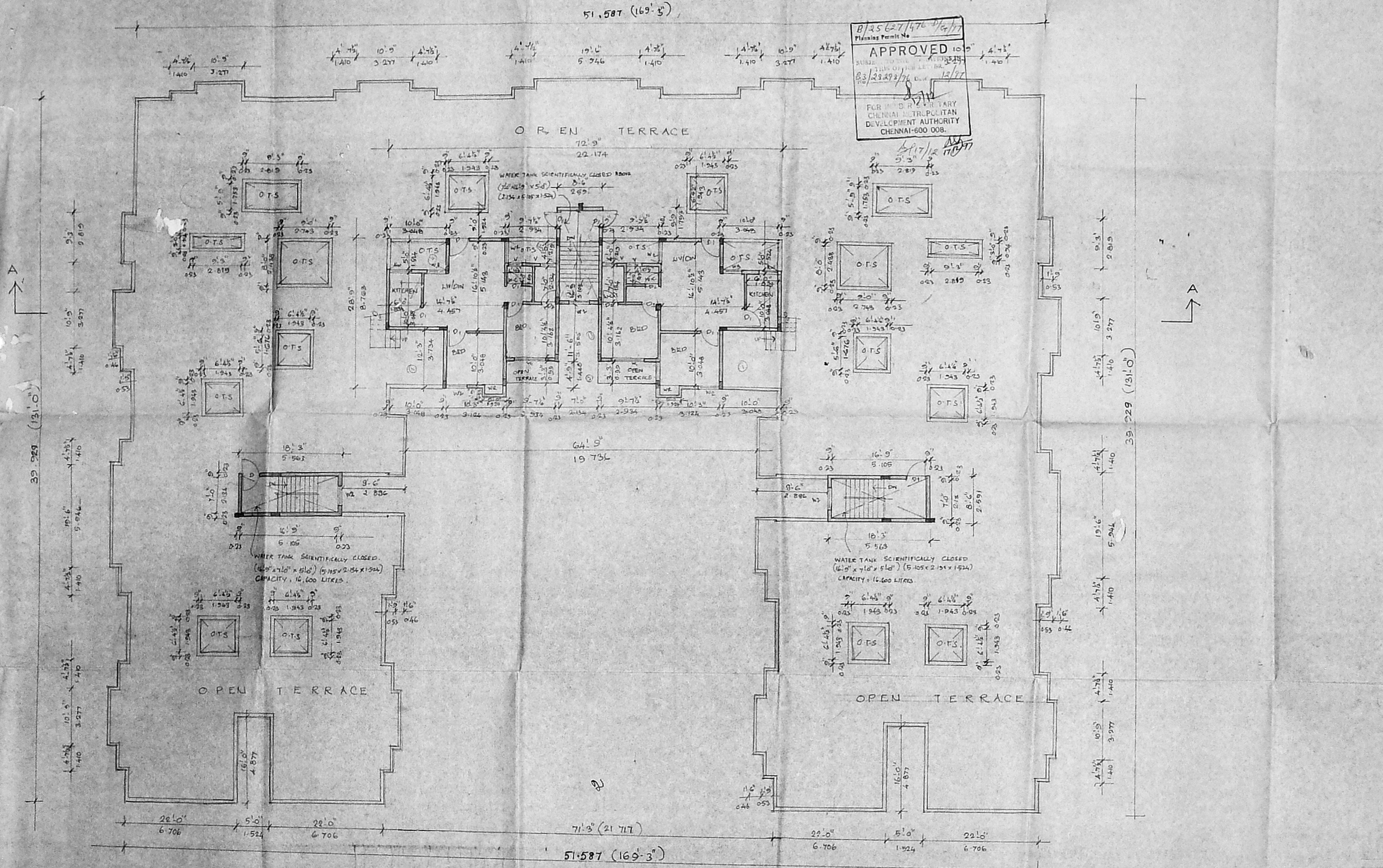
CHD: R.S.

NORTH

 OWNER'S SIGNATURE
A. Sathyanarayana
 (P.A. HOLDER)

ARCHITECT

R. Sathyanarayana
 R. SATHYANARAYANA, B. Arch.,
 COUNCIL OF ARCHITECTURE,
 CA NO. 86/9695
 4-12 ANNA NAGAR,
 MADRAS-40.



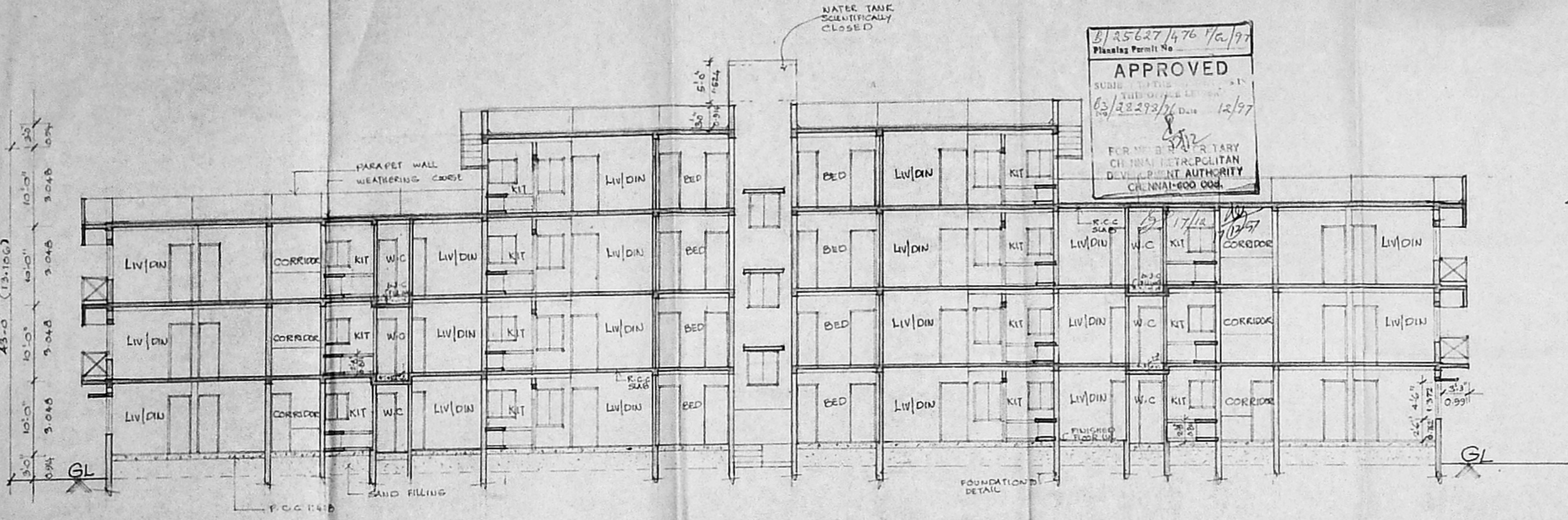
THIRD FLOOR PLAN

1021.55.5

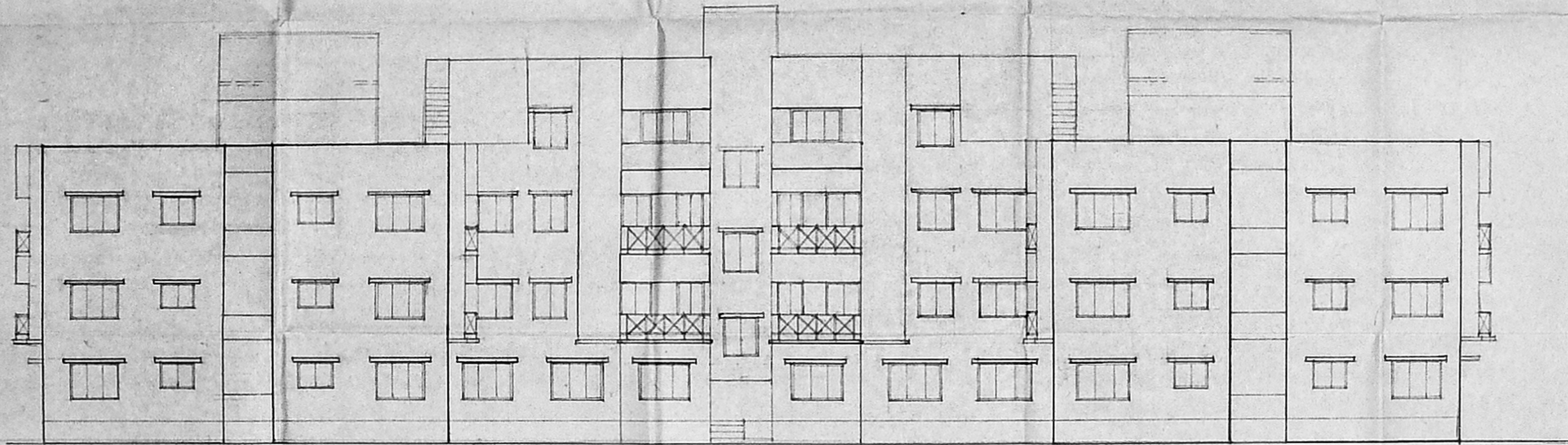
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CMDA (B) / PP NO. 1
 C.No. E2/22272/96
 P.A. [Signature]
 D.P.

B/25627/476 1/a/97
 Planning Permit No.
APPROVED
 SUBMITTED TO THE
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 004.
 DATE 12/97



SECTION - AA



FRONT ELEVATION

ELEVATION & SECTION
 PROPOSED RESIDENTIAL FLATS AT PLOT NOS: 24, 25, 26, 27, 28, 33, 34, 35, 36 & 37, SELVAM NAGAR, MADHAVARAM VILLAGE, R.S. NO: 1176/2, 1176/3

SCALE 1/8" = 1'-0"	DATE 4.8.96
JOB NO. 566	DRAWN: J.M.

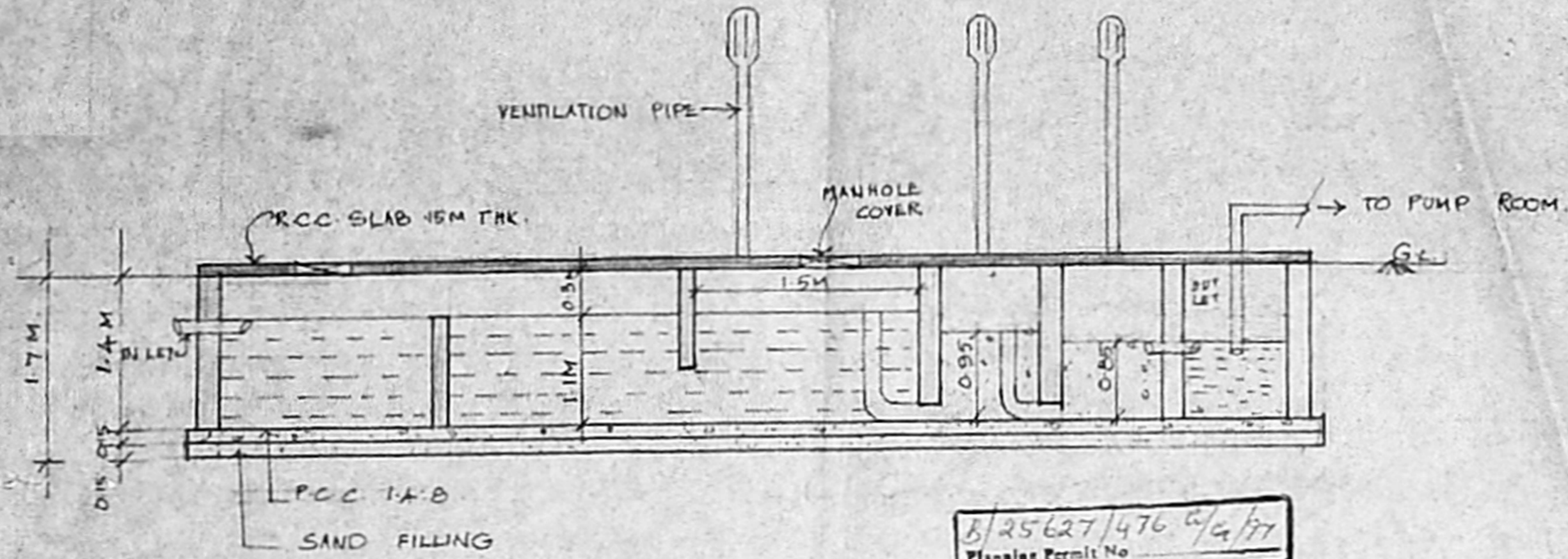
COLOUR INDEX

PROPOSED

[Signature] (P.A. HOLDER)
 OWNER'S SIGNATURE

ARCHITECT
 [Signature]
 R. SATHYANARAYANA, b.archi.
 COUNCIL OF ARCHITECTURE
 CA-NO: 86/3355,
 4-12 ANNA NAGAR,
 MADRAS- 600040.

**PROPOSED RESIDENTIAL FLATS AT PLOT NO 24, 25, 26,
27, 28, 33, 34, 35, 36, & 37 SELVAM NAGAR,
MADHAVARAM VILLAGE R.S. NO 1176/2, 1176/3.**

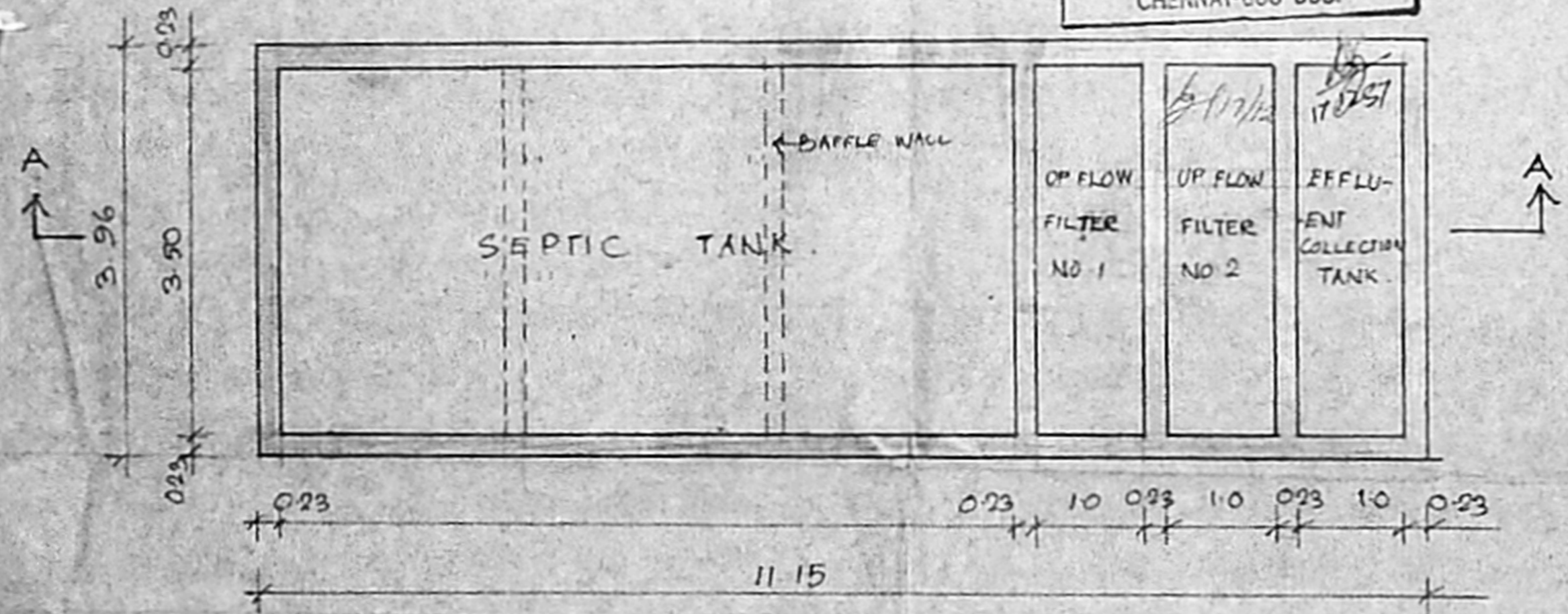


SECTION - 'A A'

B/25627/476 C/A/77
Planning Permit No

APPROVED
SUBJECT TO THE CONDITIONS IN
THIS ORDER AND FOR
No/22292/96 P.A. 12/97

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



DETAIL OF SEPTIC TANK PLAN. SCALE 1:25

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 24 DWELLINGS FOR PREMISES AT SELVAM NAGAR, MADHAVARAM.

NO OF FLATS — 24
 ASSUMING 5 PERSON PER FLAT } 24 x 5 = 120
 NO OF PERSONS
 NO OF USERS — 120
 ASSUMING 2 FIXTURES PER FLAT 24 x 2 = 48 UNITS
 PER HOUR DISCHARGE = 48 x 2.5 = 120 LPM
 SEPTIC TANK CMDA (B) / PP NO. B3/22292/96
 C.No. B3/22292/96
 SURFACE AREA NEEDED = 10 SAY 27M
 VOLUME OF SEDIMENTATION ASSUMING 0.3M DEPTH FOR DIGESTION = 27 x 0.3 = 8.1 m³
 FOR SLEDGE STORAGE = 0.002 x 365 x 120 = 8.76 m³
 FREE BOARD FOR SLEDGE = 27 x 0.3 = 8.1 m³
 DEPTH = $\frac{VOLUME}{STORAGE} = \frac{29}{27} = 1.1m$

SIZE OF SEPTIC TANK = 7 x 3.5 x 1.1M.
 UPFLOW FILTER
 LIQUID DEPTH OF SEPTIC TANK = 1.1M
 VOLUME = 120 x 0.045 = 5.4 m³
 UP FLOW FILTER DEPTH } 1.1 - 0.3 = 0.8m
 ALLOWING 0.3M FREE BOARD }
 AREA NEEDED = $\frac{5.4}{0.8} = 6.75m^2$ SAY 7m²
 SIZE OF UPFLOW FILTER = 3.5 x 2m
 UPFLOW FILTER NO 1 = 3.5 x 1 x 0.95m
 UPFLOW FILTER NO 2 = 3.5 x 1 x 0.85m
 (PROVIDE 3 NOS. SEPTIC TANKS OF ABOVE SIZE)

A. Sathyanarayana
OWNER'S SIGNATURE

ARCHITECT
R. Sathyanarayana
R. SATHYANARAYANA, B Arch.,
 C.A NO 86/9895
 U-12 4th MAIN ROAD
 ANNA NAGAR,
 MADRAS-40