

AS PER SITE PLAN	23109 SB	2147.68 Sqm
AS PER SITE PLAN	22824 SB	2121.19 Sqm
AS PER SITE PLAN	22594 SB	2099.81 Sqm
AS PER SITE PLAN	10625.19 SB	987.47 Sqm
AS PER SITE PLAN	11026.19 SB	1024.74 Sqm
AS PER SITE PLAN	11026.19 SB	1024.74 Sqm
TOTAL	32677.57 SB	3036.95 Sqm
PROVIDED F.S.C.	1.46	
	48.90%	

CMDA (B) / No. 1  
 C. No. P. 2  
 Asst. SECOND FLOOR  
 Scrutiny P. A. TOTAL  
 A.P. PROVIDED F.S.C. D.P.

COLOUR INDEX:

PROPOSED ROAD	
SITE BOUNDARY	
SEWER LINE	

PROPOSED RESIDENTIAL (G+2) BUILDING AT PLOT NO.12A,14&15 A.N.A AVENUE IN S.NO.97/2A2 OF ATHIPATTU VILLAGE, AMBATTUR MUNICIPALITY, CHENNAI.

SHEET NO : 1

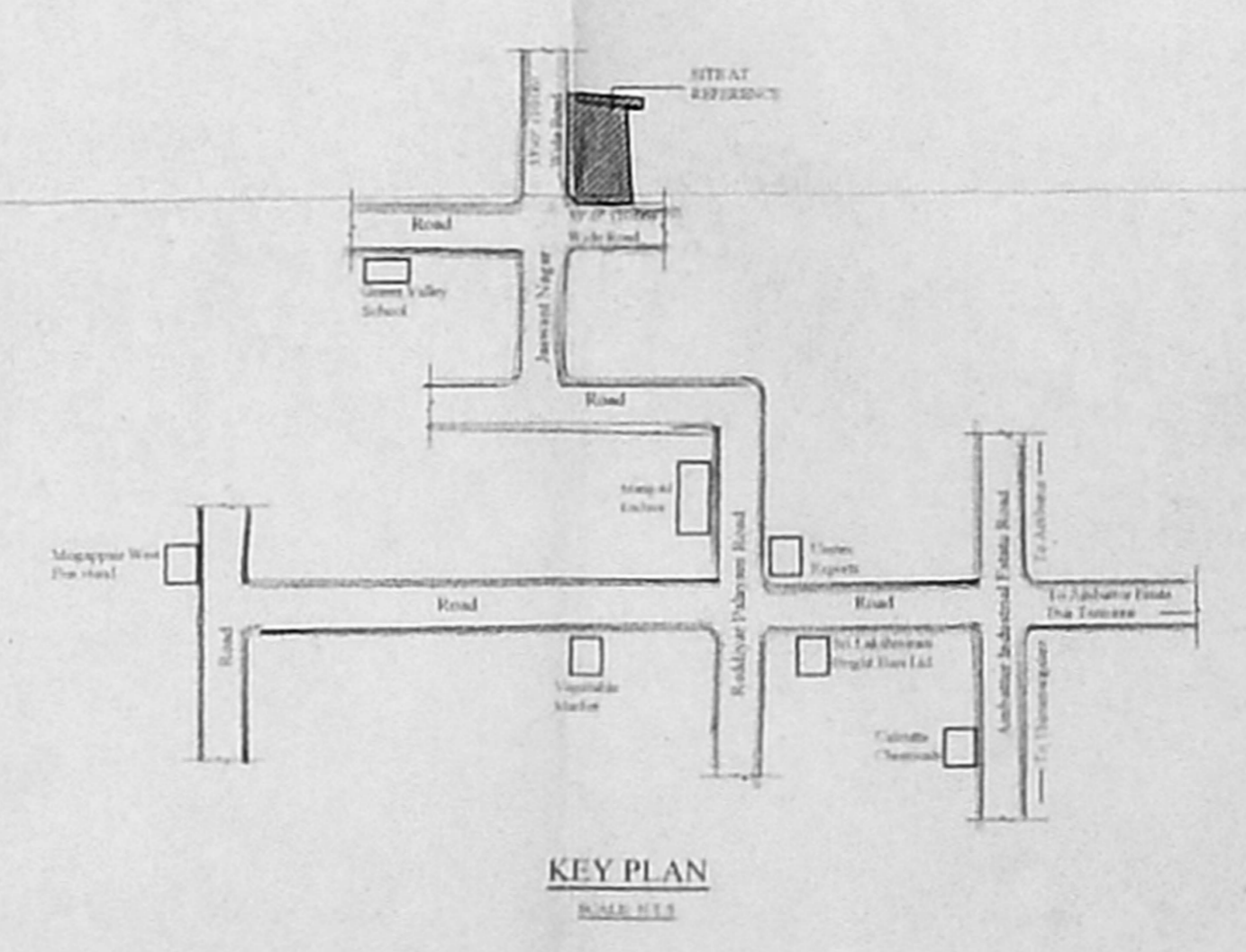
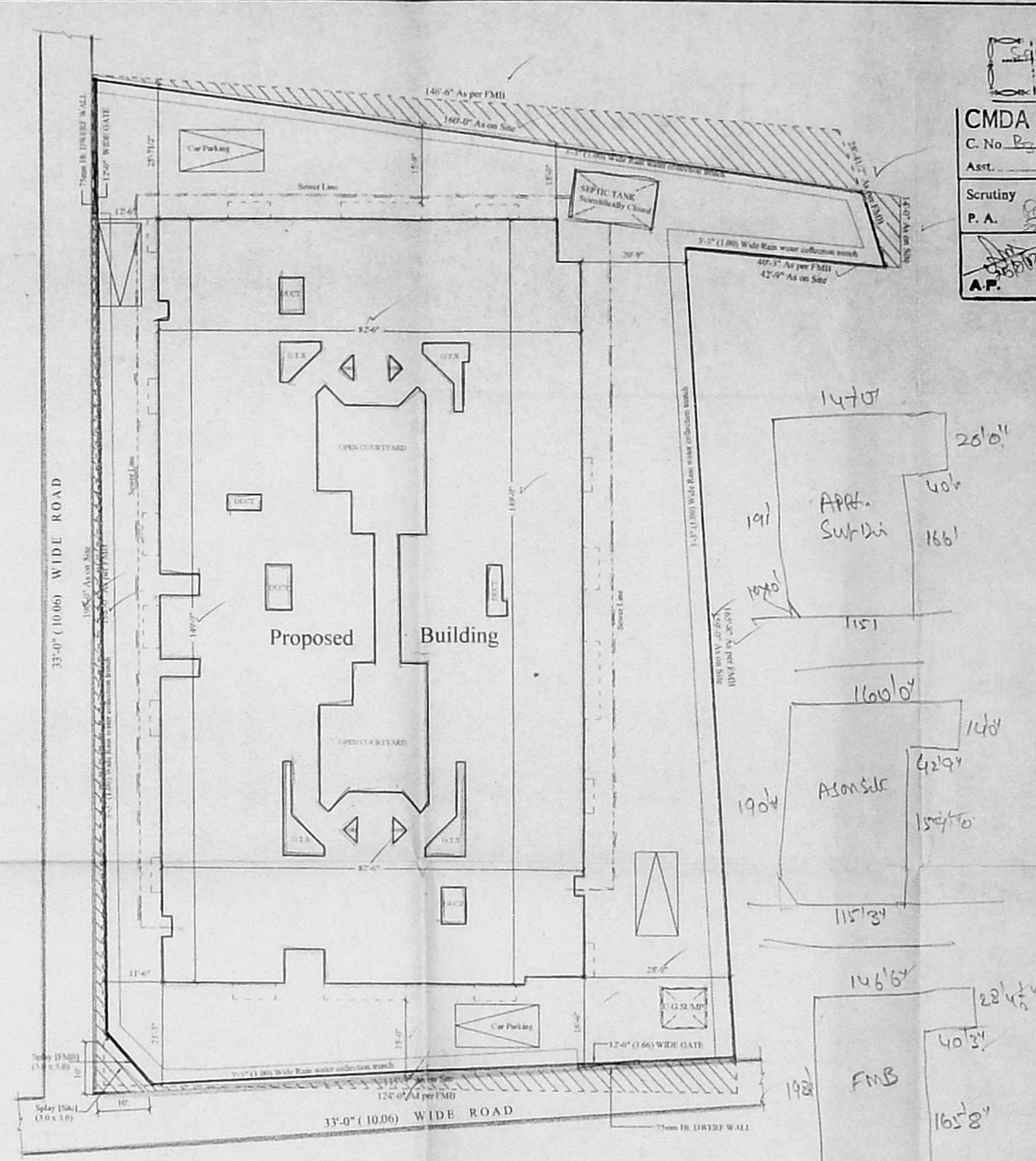
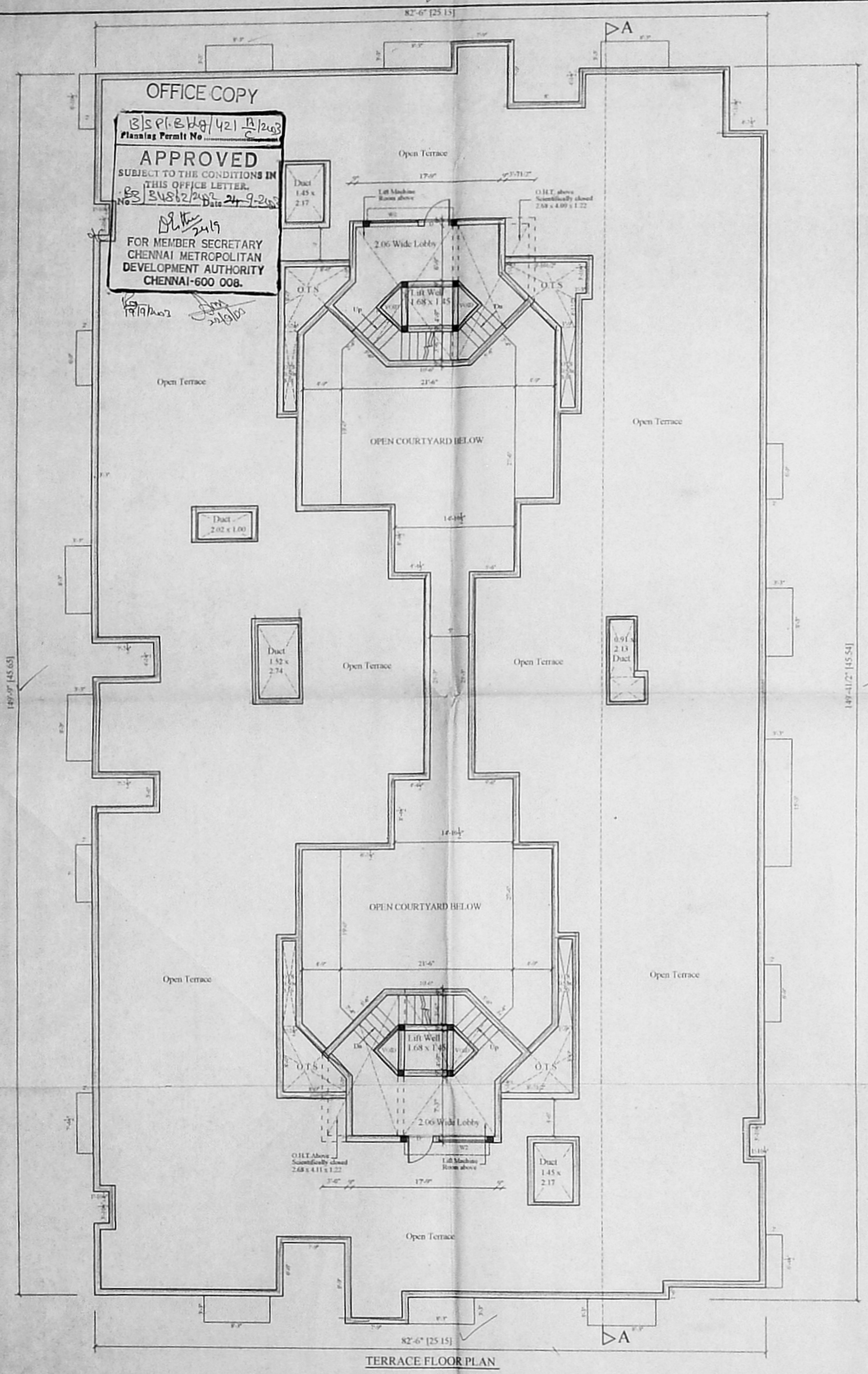
PREPARED BY: A.PONNUSAMY

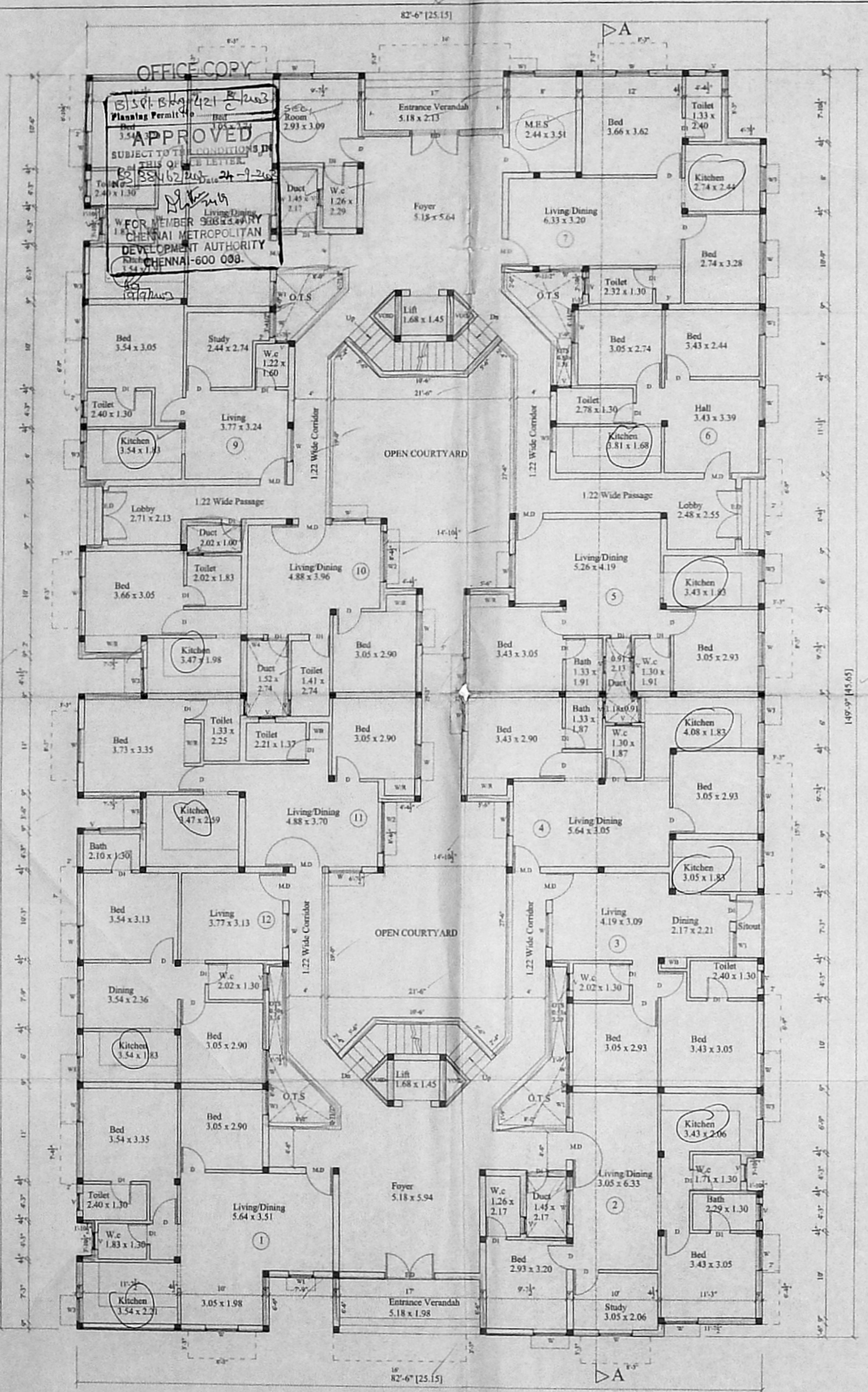
SCALE: 1" = 16'-0" (1:200) DATE:

NORTH POINT: OWNER: Annamalai

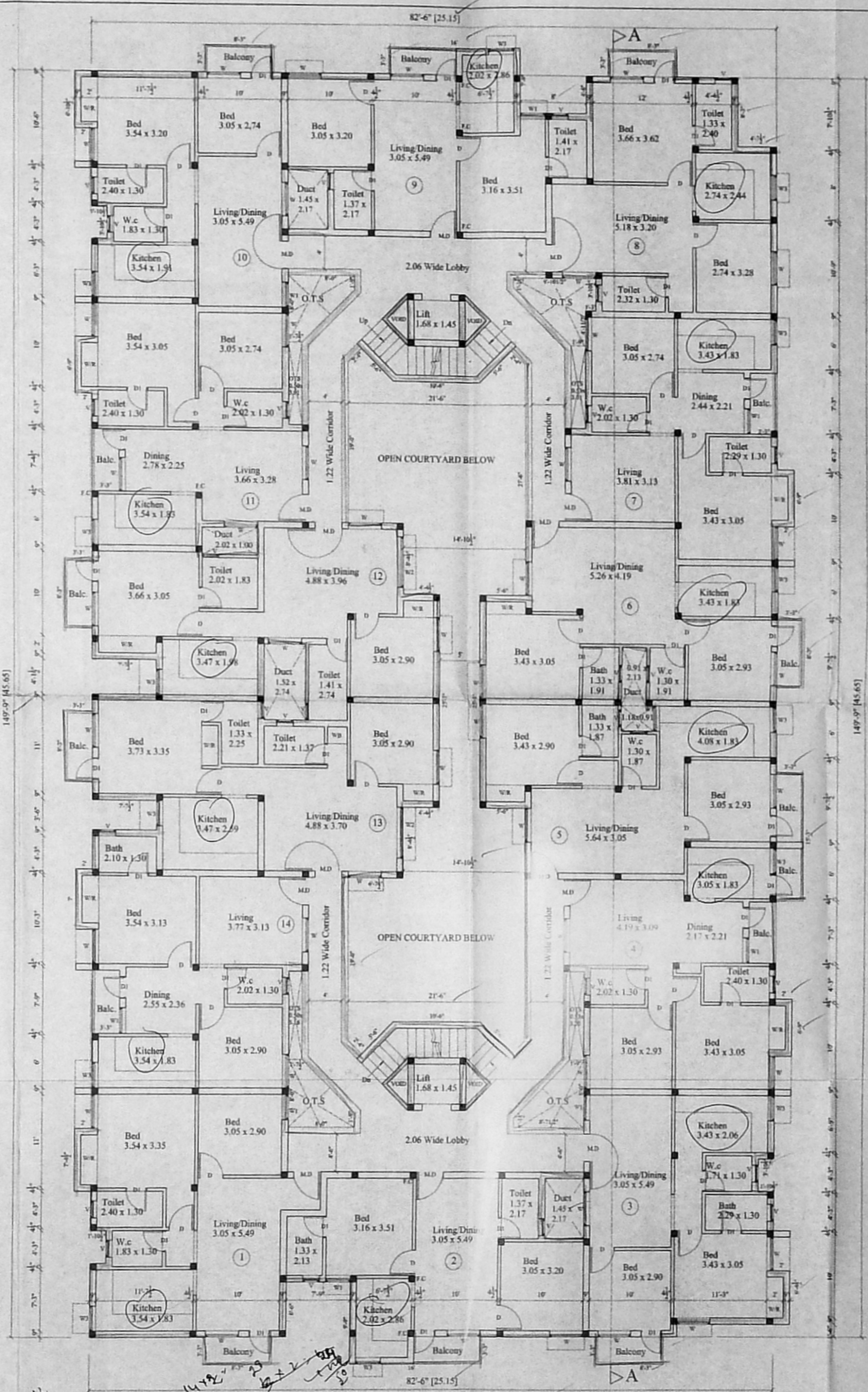
LICENSIED SURVEYOR:

S. J. S. I. S. B. E. CHARTERED SURVEYOR  
 Class-1, Licensed Surveyor - 110-102  
 Corporation of Chennai  
 5, Nathamuni Street, T. Nagar,  
 Chennai - 17. Mobile: 96410-71245





GROUND FLOOR PLAN



TYPICAL FLOOR PLAN (1st & 2nd FLOORS)

JOINERY:

M.D. MAIN DOOR	3'-3" x 7'-0"
D. DOOR	3'-0" x 7'-0"
D1. DOOR	Revised 1'-0" x 7'-0"
W. WINDOW	4'-0" x 4'-0"
W1. WINDOW	3'-0" x 4'-0"
W2. WINDOW	6'-0" x 4'-0"
W3. WINDOW	2'-0" x 4'-0"

GMDA(B) No. 27/2023  
C.No. B3 2486/2023

Asst  
Scrutiny  
P.A. 22/7/2023  
D.P.

COLOUR INDEX:

PROPOSED ROAD

SITE BOUNDARY

PROPOSED RESIDENTIAL (G+3) BUILDING AT PLOT NO:12A,14&15 A.N.A AVENUE IN S.NO:97/2A2 OF ATHIPATTUR VILLAGE, AMPATTUR MUNICIPALITY, CHENNAI.

SHEET NO : 2

PREPARED BY: A.PONNUSAMY.

SCALE: 1" = 8' (1:100) DATE:

NORTH POINT:

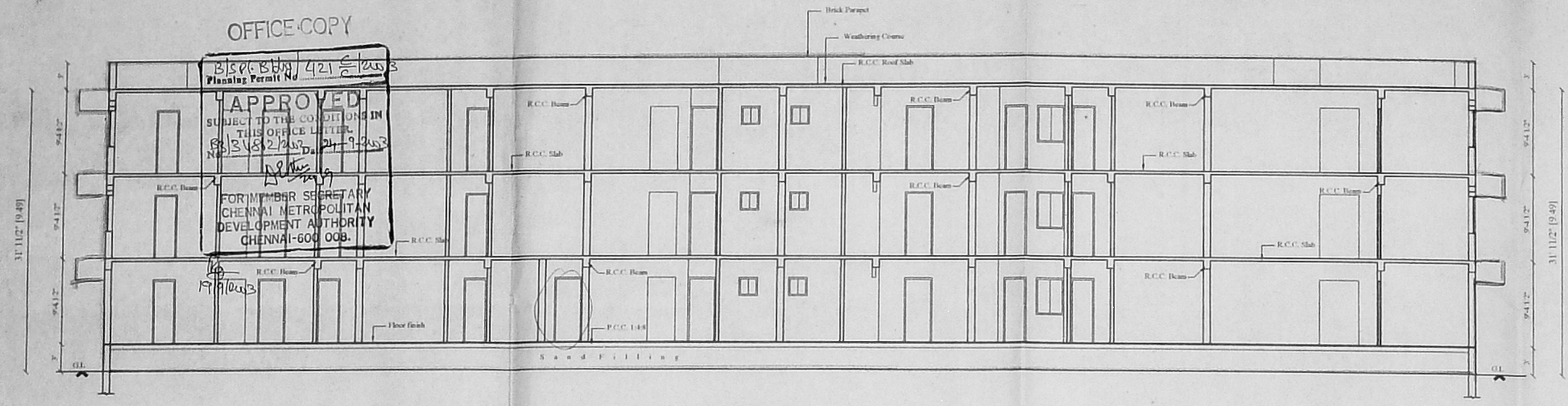
OWNER:

LICENSED SURVEYOR:

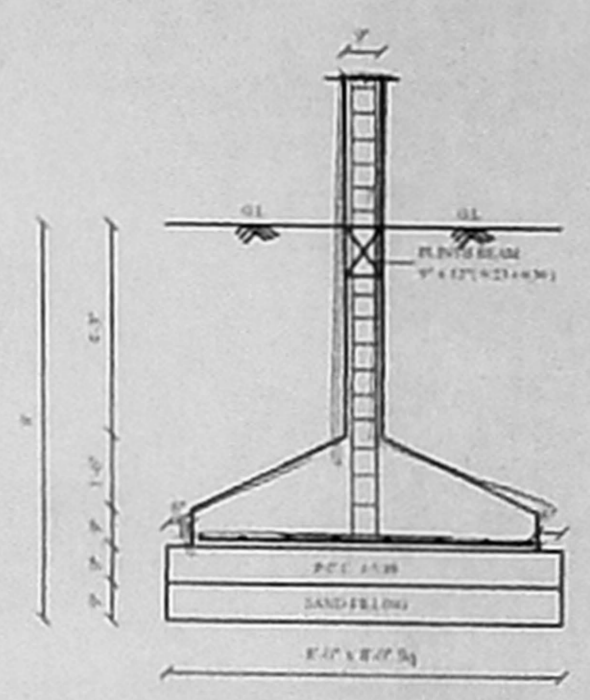
S. ATHIVAMAN, P.E.  
Chartered Engineer  
Chennai, Licensed Surveyor - No.192  
Corporation of Chennai  
5, Nathamuni Street, T. Nagar,  
Chennai - 17, Mobile: 9442111115

OFFICE COPY

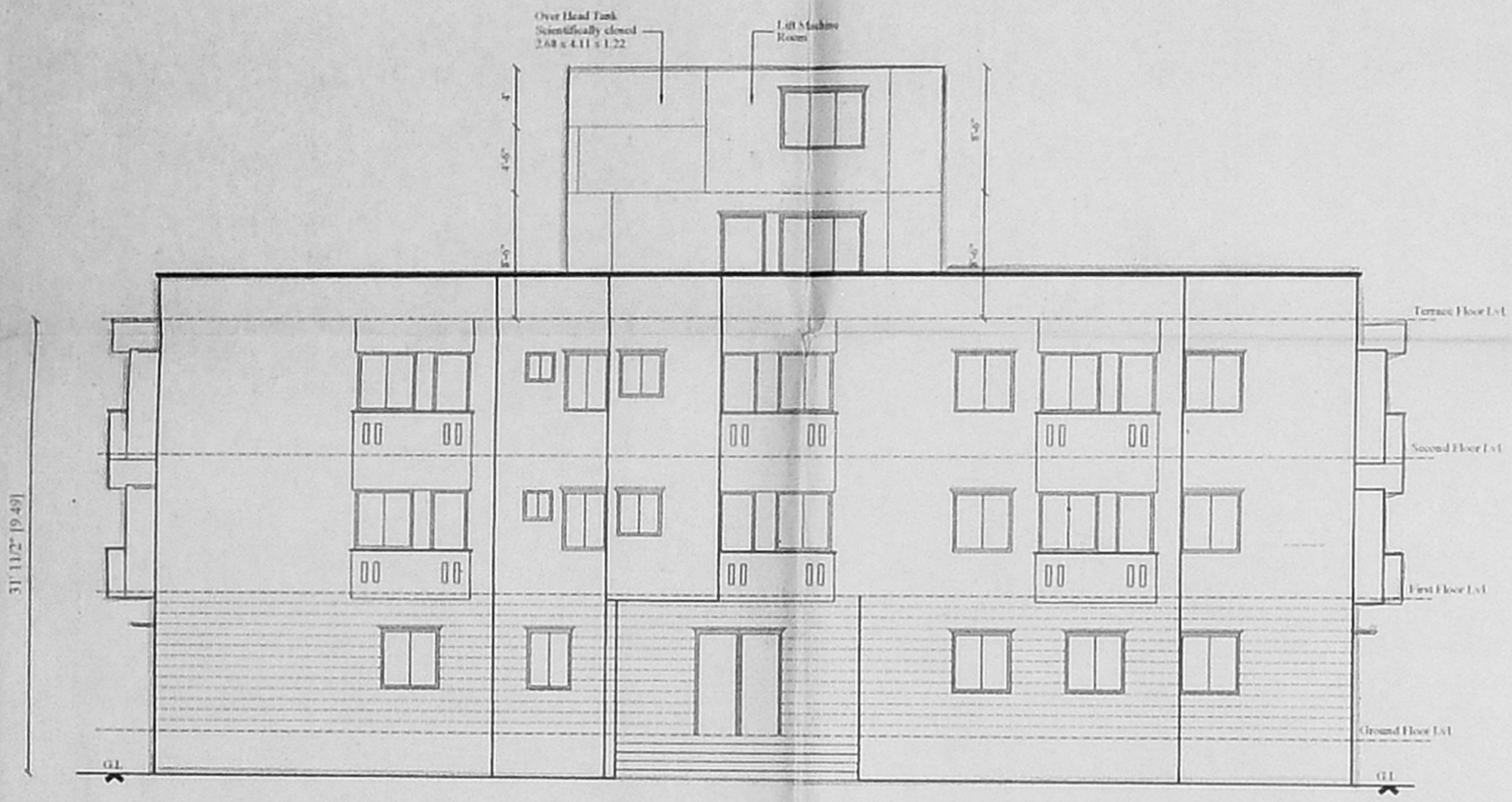
BSPC/BJN/421/2013  
 Planning Permit No. 199/2013  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER  
 19/9/2013  
 FOR THE MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



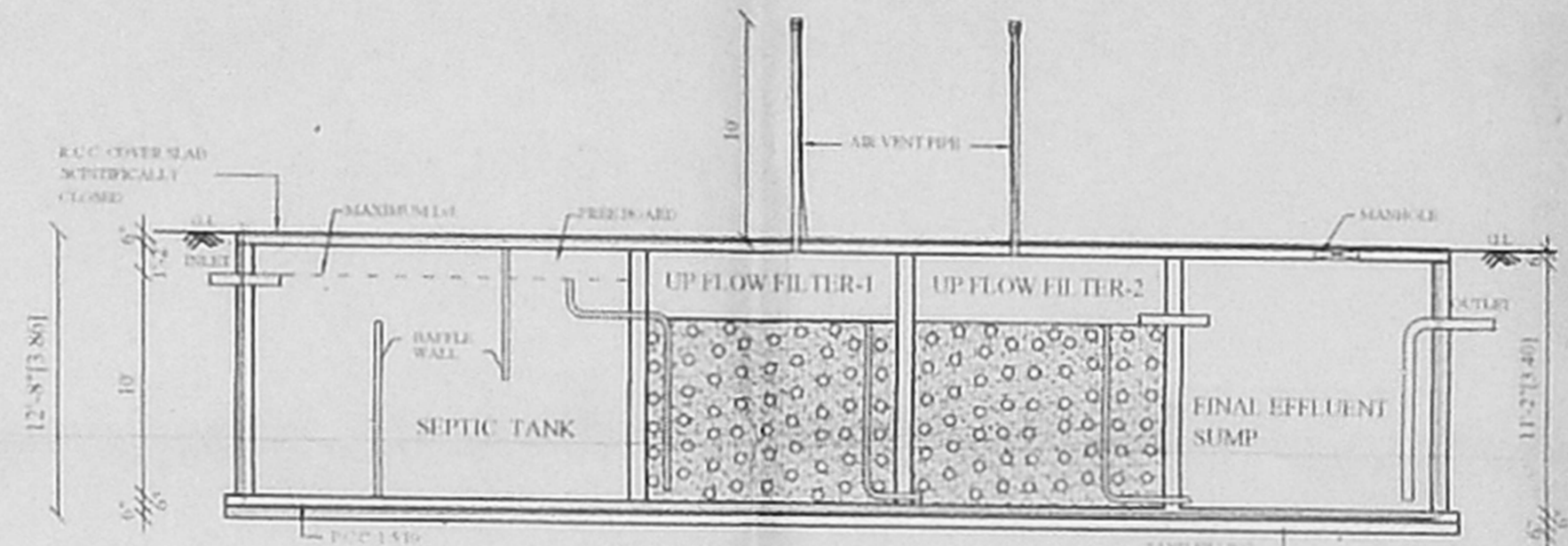
SECTION ON 'AA'



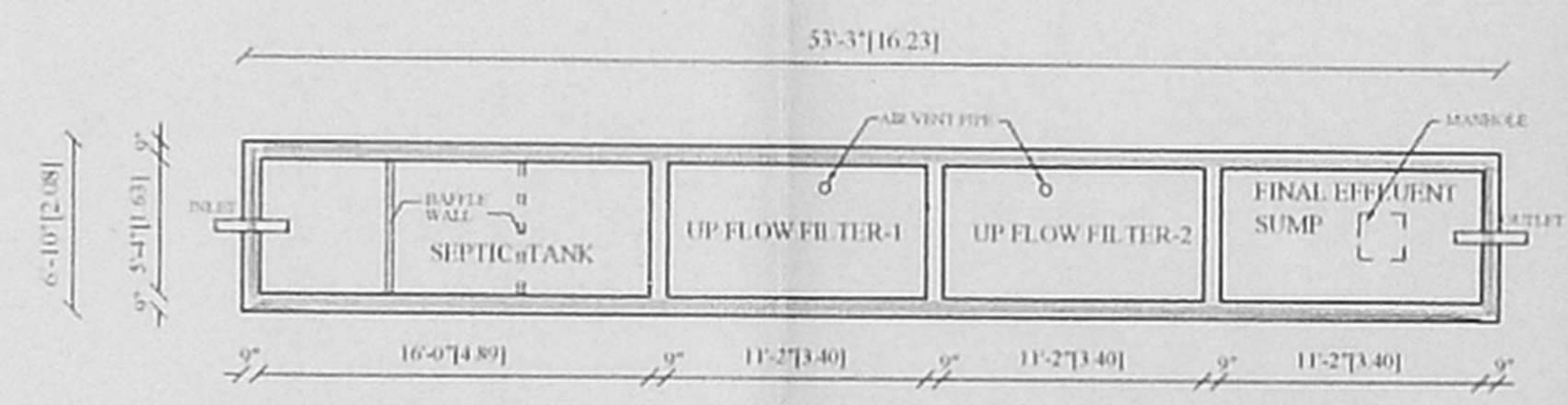
FOUNDATION DETAIL



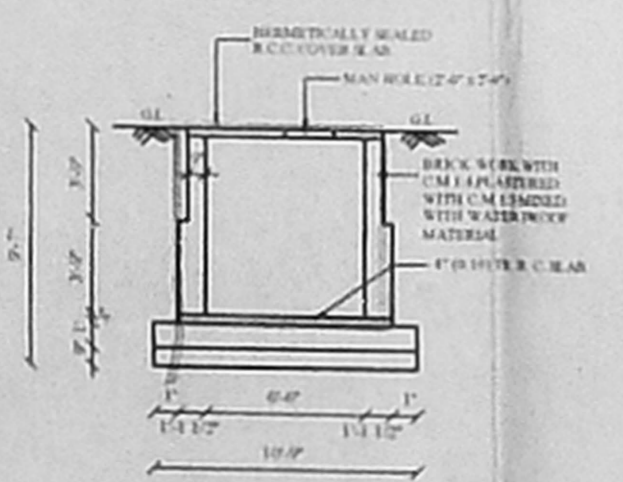
FRONT ELEVATION



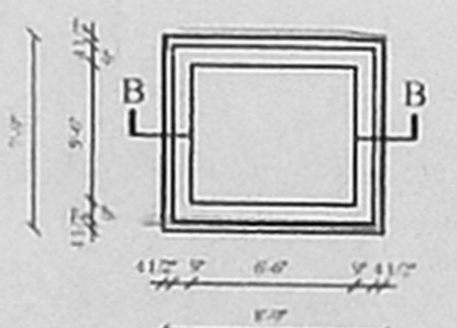
SECTION



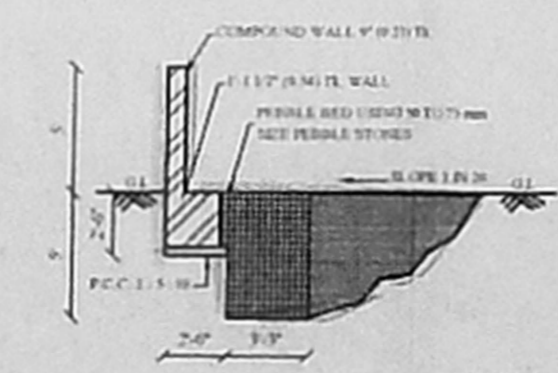
PLAN  
SEPTIC TANK DETAIL



SECTION - BB



PLAN OF U.G SUMP



RAIN WATER COLLECTION TRENCH

SPECIFICATION:

1. Foundation in R.C.C. Columns and P.C.C. & Sand.  
 2. R.C.C. Slab, R.C.C. Beams and parapet wall etc. to be in C.M. 1:6.  
 3. R.C.C. Slab, R.C.C. Beams and roof slab etc. to be in C.C. 1:2:4.  
 4. Masonry in 1:1:6.  
 5. Plastering of wall in 1:1:6.  
 6. All wood work in roof and country wood.  
 7. All masonry work in 1:1:6 and two course of flat tiles laid to slope.

CMDA (BJN) NO. 421/2013  
 C. No. 199/2013  
 Asst.

DESIGN OF SEPTIC TANK TO UPFLOW FILTER

NO. OF DWELLINGS: 40 Nos.  
 NO. OF USERS: 40 x 5 = 200 Persons  
 RATE OF WATER SUPPLY: 135 LPH / Day  
 FLOW OF SEWAGE / DAY: 200 x 135 = 27000  
 DETENTION PERIOD: 18 Hrs.  
 TANK CAPACITY: 27000 x 18 / 24 = 20250 Lts  
 CLEANED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATIO OF 13.5 Lts FOR A PERSON PER YEAR  
 TOTAL CAPACITY: 200 x 135 = 27000  
 20250 + 2700 = 22950 Lts  
 SAY: 23000 Lts  
 WITH PROVISION FOR FUTURE EXPANSION LET  
 THE TANK CAPACITY BE: 23000 Lts = 23 Cum  
 DEPTH OF THE TANK LIQUID TAKEN AS: 3.0m  
 PLAN AREA OF THE TANK: 23 Cum / 3.0m = 7.66 Sqm  
 THE RATIO OF THE LENGTH TO THE BREADTH OF THE TANK BE: 3  
 LENGTH - BREADTH x 3  
 L x B = 8  
 B x 3 = B = 8  
 B = 8/3 = 2.67  
 B = 2.67 x 1.63  
 LENGTH = B x 3 = 1.63 x 3 = 4.89m  
 FREE BOARD OF THE TANK: 0.4m  
 TOTAL DEPTH OF THE TANK: 3.0 + 0.4 = 3.4m  
 PROVIDE SEPTIC TANK SIZE: L x B x D = 4.89 x 1.63 x 3.4

UP FLOW FILTERS:  
 DISCHARGE FOR 200 PERSONS: 200 x 75 = 15000  
 VOLUME: 200 x 0.25 = 50  
 DEPTH: 3.0 - 0.5 = 2.5m  
 \*PLAN AREA REQUIRED: 50 / 2.5 x 3.0 = 5.55 Sqm  
 BREADTH: 1.63m  
 LENGTH: 5.55 / 1.63 = 3.40m  
 SIZE OF THE FINAL EFFLUENT SUMP: 3.40 x 1.63 x 3.4  
 UP FLOW FILTER-1: 3.40 x 1.63 x 3.0  
 UP FLOW FILTER-2: 3.40 x 1.63 x 3.0

DESCRIPTION	LENGTH	BREADTH	DEPTH
SEPTIC TANK	4.89 m	1.63 m	3.40 m
UP FLOW FILTER-1	3.40 m	1.63 m	3.00 m
UP FLOW FILTER-2	3.40 m	1.63 m	3.00 m
FINAL EFFLUENT SUMP	3.40 m	1.63 m	3.40 m

COLOUR INDEX  
 PROPOSED ROAD: [Symbol]  
 SITE BOUNDARY: [Symbol]

PROPOSED RESIDENTIAL (G+2) BUILDING AT PLOT NO:12A,14&15 A.N.A AVENUE IN S.NO:97/2A2 OF ATHIPATTU VILLAGE, AMBATTUR MUNICIPALITY, CHENNAI.

SHEET NO - 3

PREPARED BY: A PONNUSAMY  
 SCALE: 1" = 4' (1:100)  
 DATE:

NORTH POINT: [Symbol]  
 OWNER: [Signature]

LICENSED SURVEYOR:  
 S. ATHINATHAN, B.E.  
 CHARTERED ENGINEER  
 Class-I, Licensed Surveyor - No.192  
 Corporation of Chennai  
 S. Nathamuni Street, T. Nagar,  
 Chennai - 17, Mobile: 9841071248