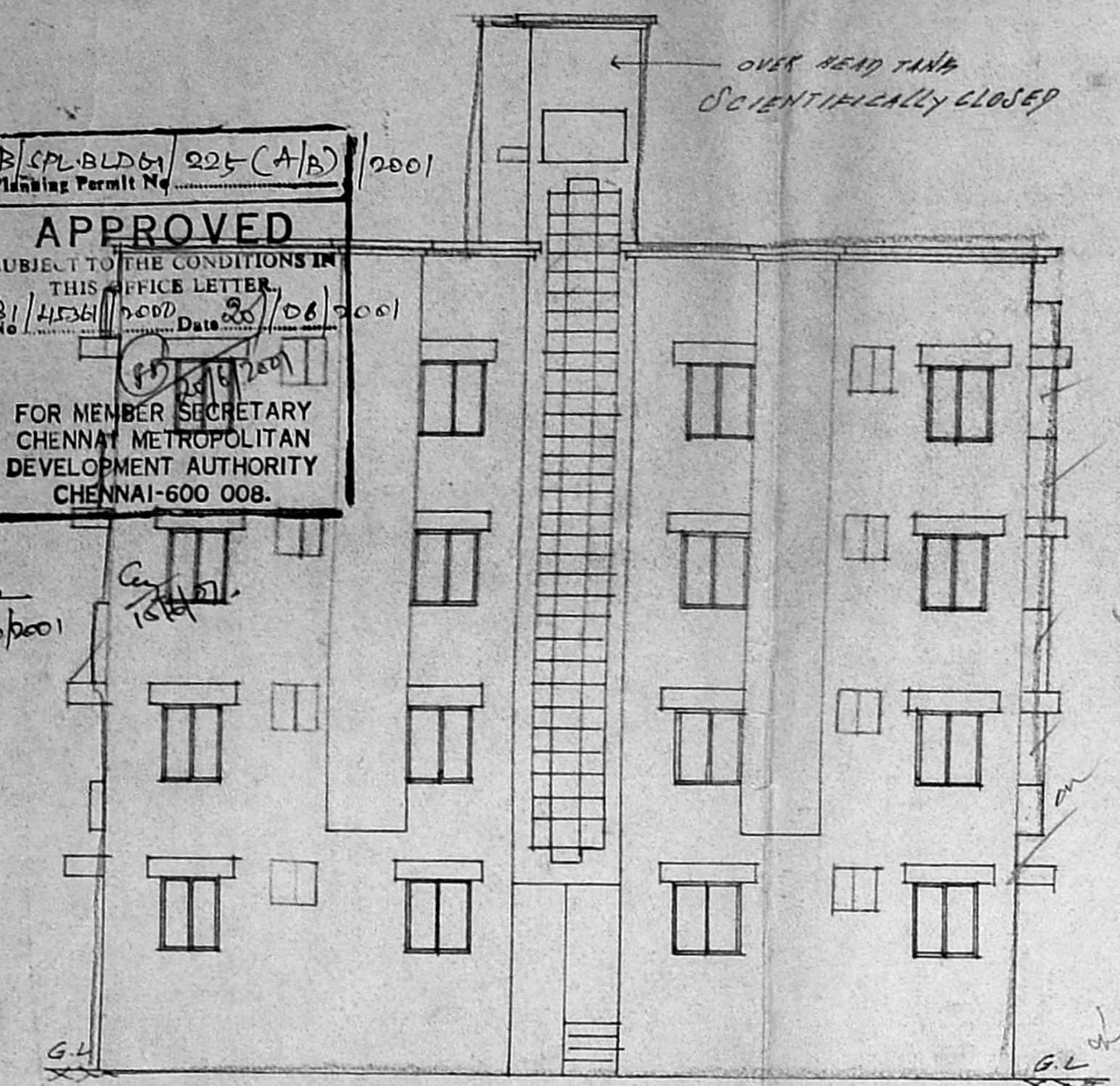
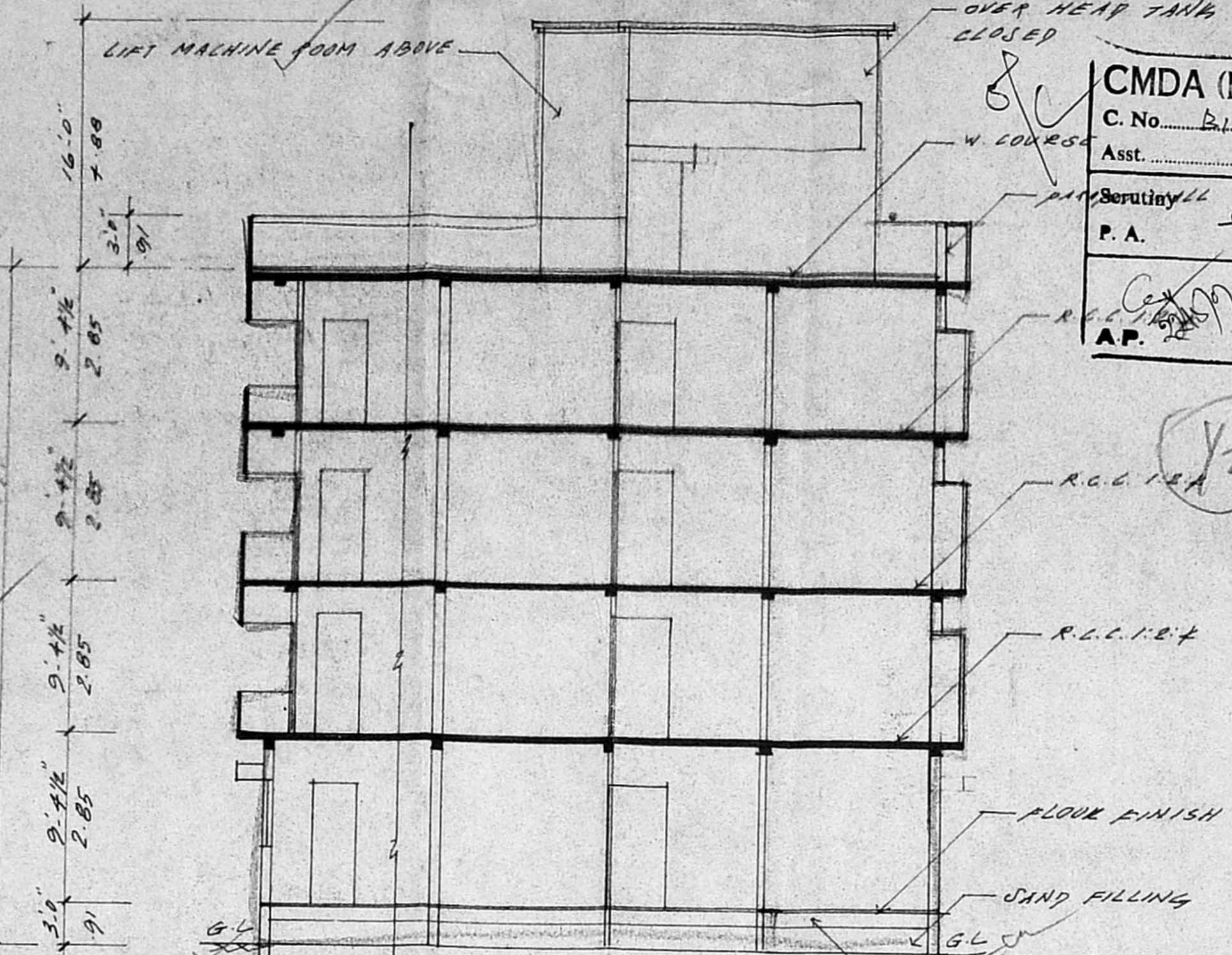


B/CPL/BLD/01/225(A/B) 10001
 Planning Permit No.
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER
 B/1/4536/10001 Date 28/08/2000
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

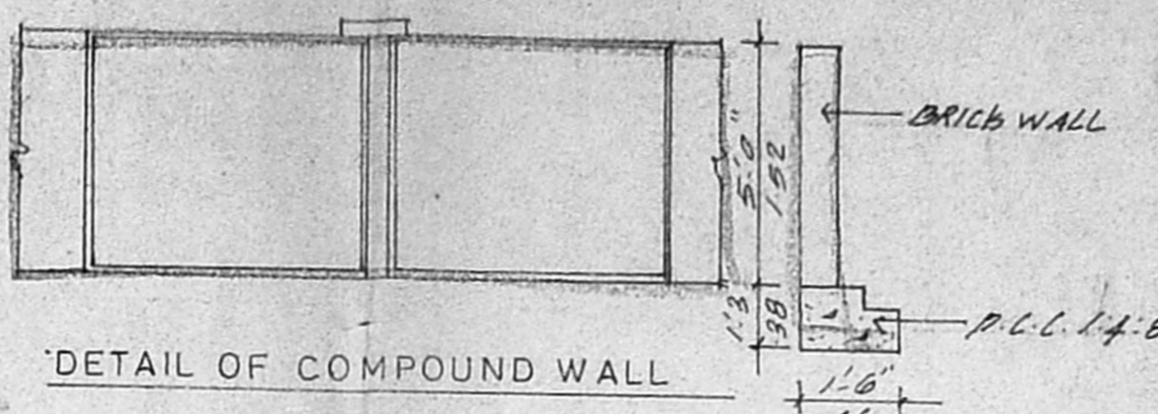
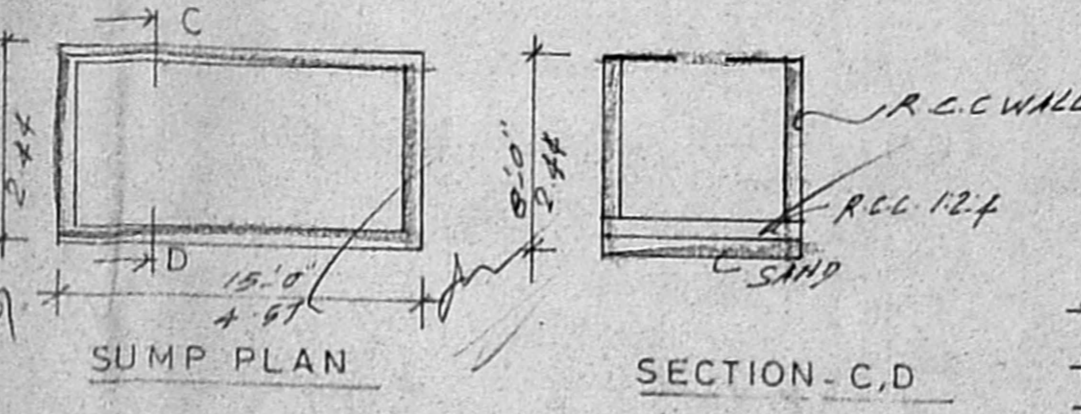


FRONT ELEVATION

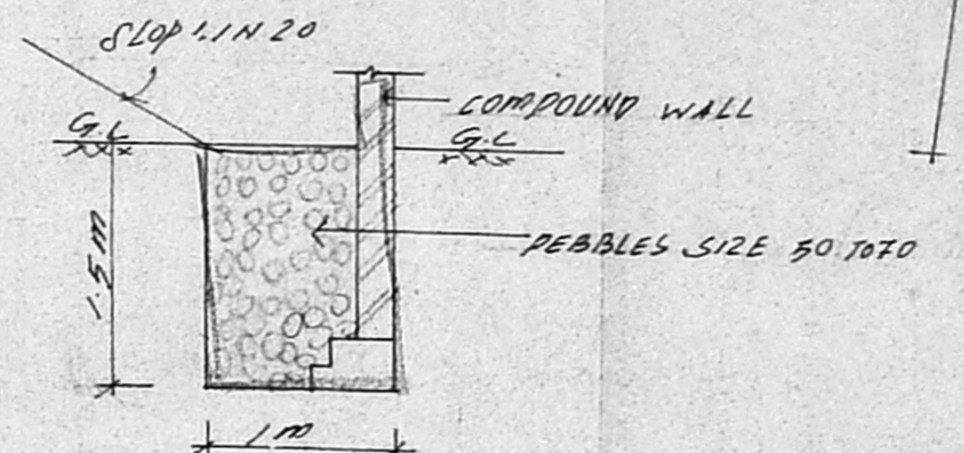


SECTION ON A,B

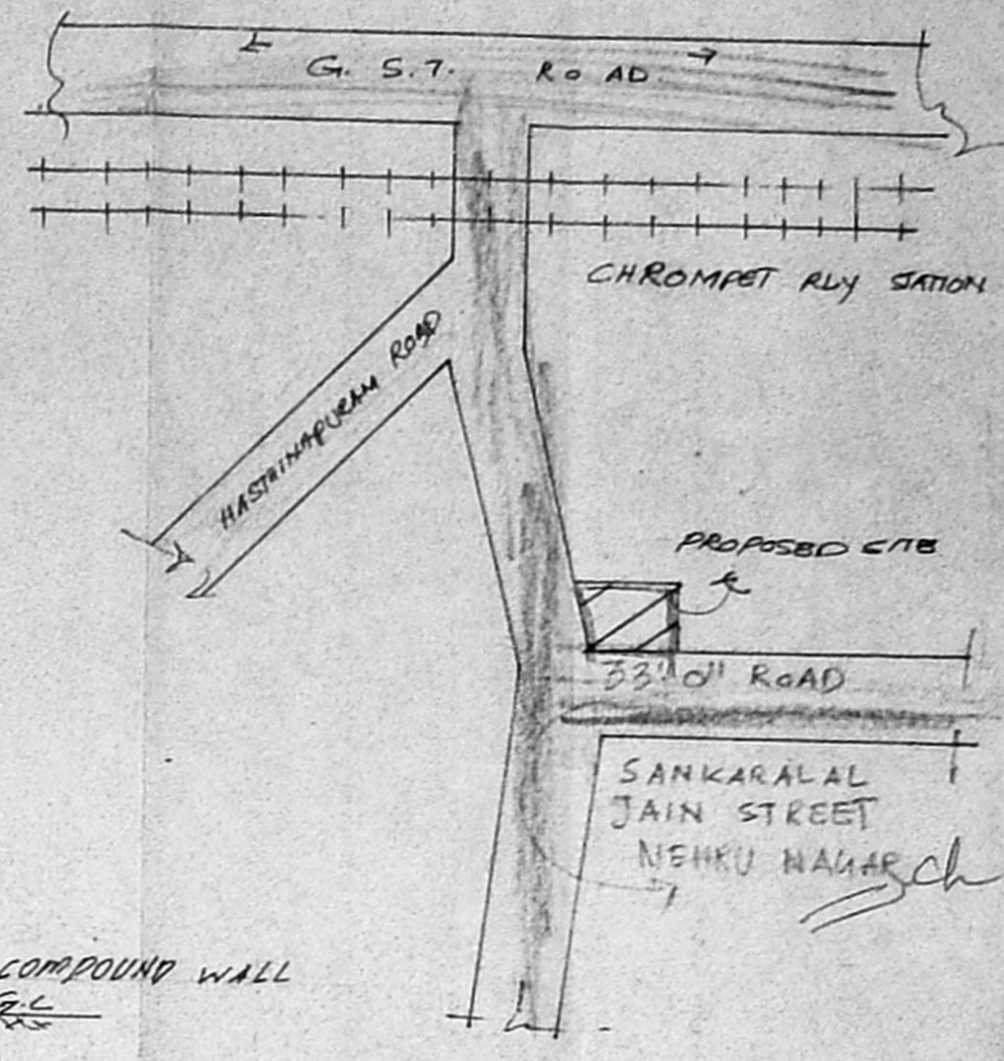
CMDA (B)/1/ No. 1
 C. No. B/1/4536/10001
 Asst. Secretary
 P. A. (7101/10001)
 A.P. D.P.



DETAIL OF COMPOUND WALL



RAIN WATER TRENCH DETAILS



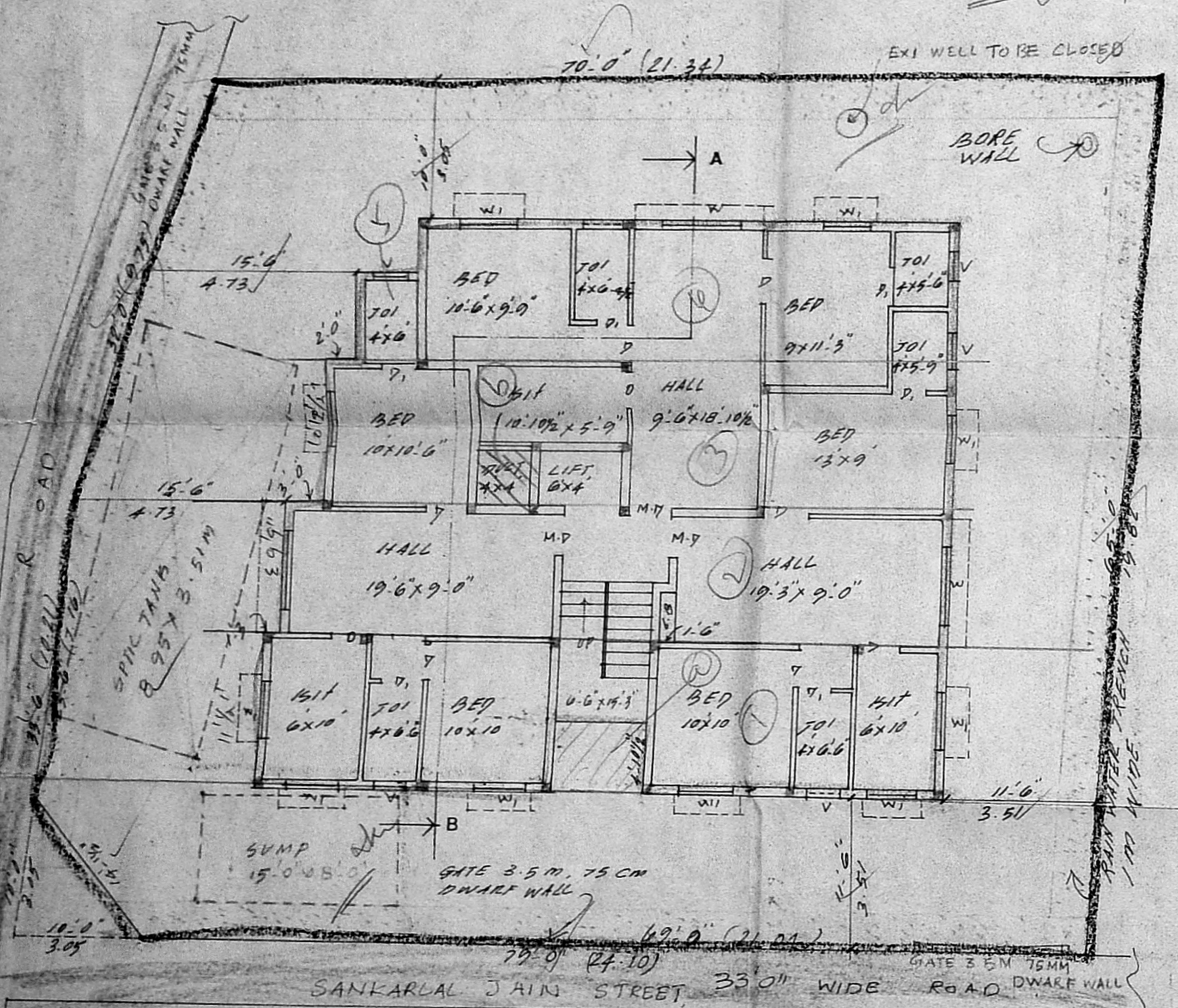
PROPOSED FLATS AT PLOT
 NO. 6/11B 3B (PART) SHANKARAL
 JAIN STREET NEHRU NAGAR
 HASTHINA PURAM VILLAGE
 CHURAMPET CHENNAI 600 008
 P.A.M.S.H No. 230 & 231
 SCALE 1:100 OR 1:80 ON

AREA STATEMENT
 PLOT AREA 500.00 M²
 GROUND FLOOR AREA 182.41 M²
 TYPICAL FLOOR AREA 188.43 x 3 = 565.44 M²
 TOTAL FLOOR AREA = 747.85 M²
 F.S.I = 1.495
 PLOT COVERAGE = 37.69%

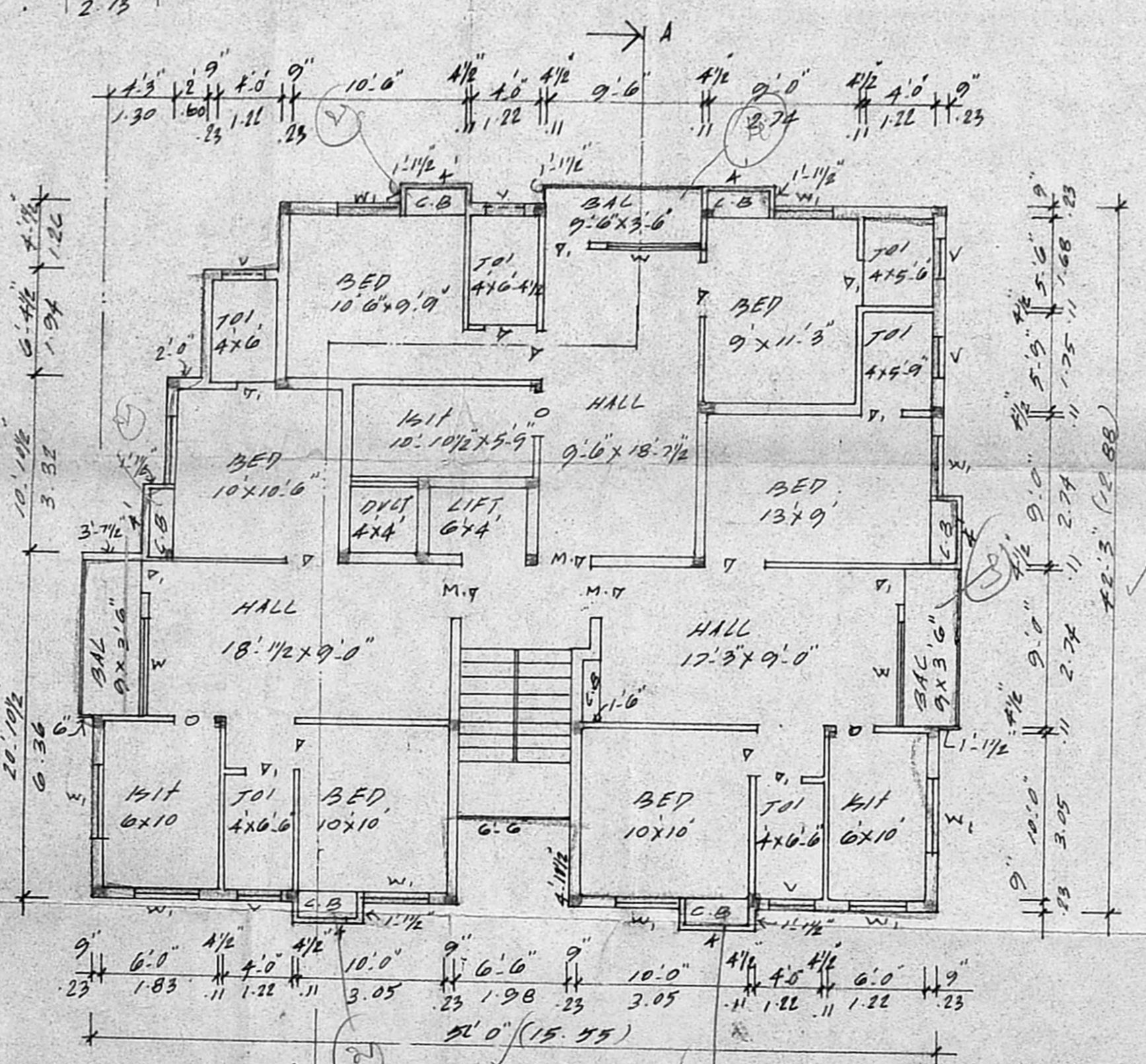
JOINERY
 M.D. MAIN DOOR = 3'-3" x 7'-0"
 D. DOOR = 3'-0" x 7'-0"
 D. DOOR = 2'-6" x 7'-0"
 W. WINDOW = 6'-0" x 4'-6"
 W. WINDOW = 4'-0" x 4'-6"
 V. VENTILATOR = 2'-0" x 2'-0"

COLOUR INDEX
 PROPOSED ROAD SITE

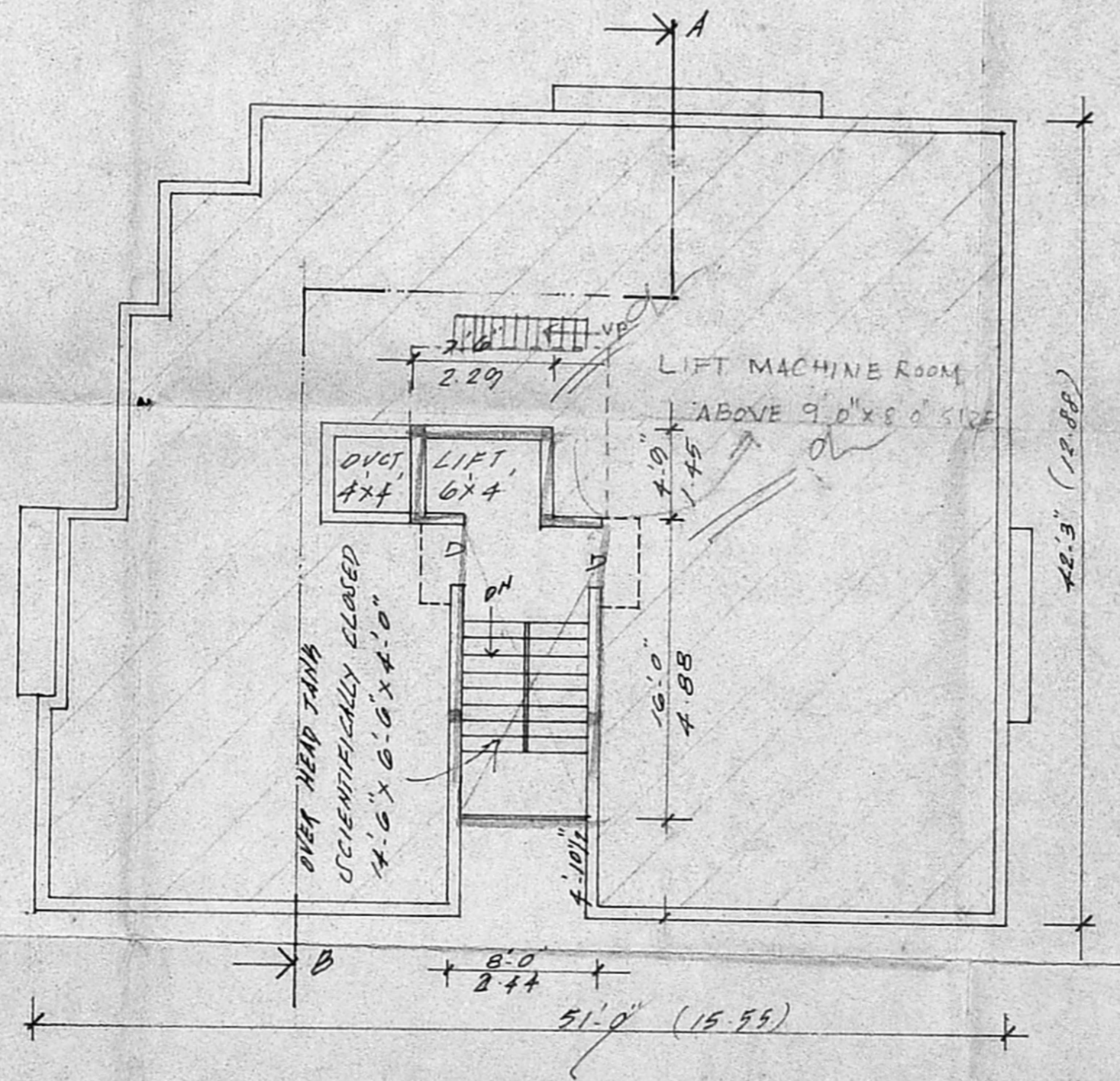
OWNER'S



SITE GROUND FLOOR PLAN



TYPICAL FLOOR PLAN (FIRST, SECOND, THIRD)



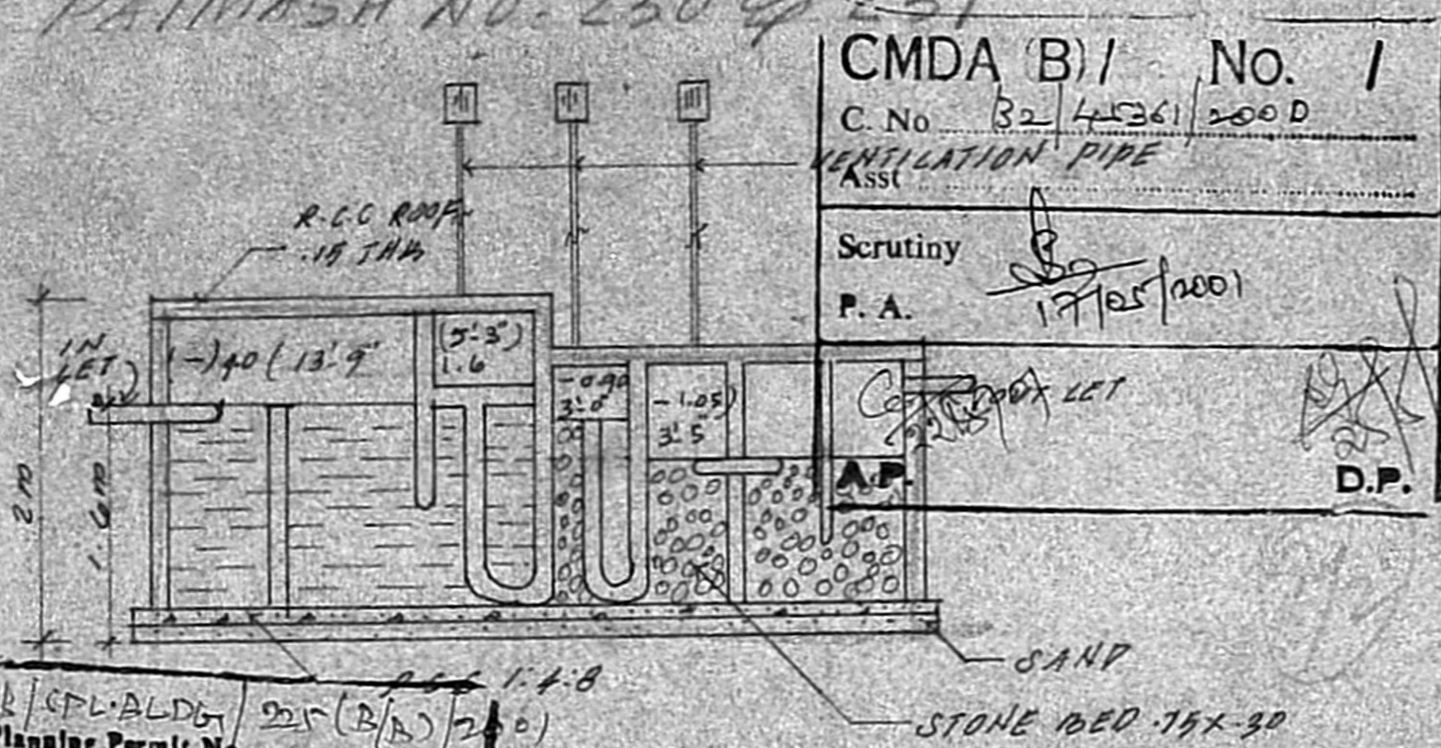
TERRACE FLOOR PLAN

DR. RAMAN L. S.
 LICENSED SURVEYOR CLASS-I
 REGISTRATION OF CHENNAI
 RT. No. 269
 No. 30 North Usman Road T. NAGAR
 CHENNAI - 600 017

LICENSED SURVEYOR

PROPOSED FLATS AT PLOT NO DOOR-1 SURVEY NO 6/11B3B (PART)
 SHANKARAL JAIN STREET NEHRU NAGAR HASTHINA PURAM CHENNAI-44
 PATNASH NO. 230 & 231

2/2



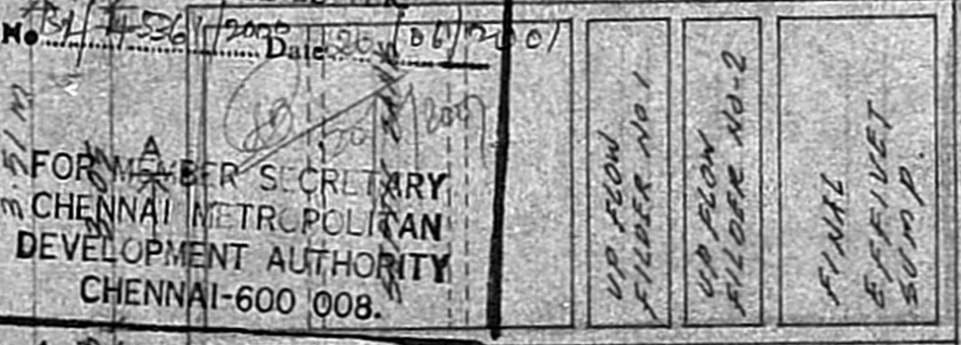
DESIGN OF SEPTIC TWO UP FLOW FILTER

NO. OF DWELLING 12 NOS
 NO. OF USERS (12x5) = 60 PERSONS
 RATE OF WATER SUPPLY - 150 LPH/DAY
 THEN FLOW OF SEWAGE FOR DAY - 60x150 = 9000 LTS
 DETENTION PERIOD 18-18 HRS
 TANKS CAPACITY 9000 x 18/24 = 15750 LTS
 THE TANK IS TO BE CLEARED EVERY YEAR TO
 SLUDGE STORAGE CAPACITY AT THE RATE
 OF 14 LFD FOR PERSON FOR YEAR 60x50 = 3000 LTS
 21000 x 21000 LTS WITH PROVISION FOR FUTURE EXPAN
 LET THE TOTAL TANKS CAPACITY 9000 + 3000 = 12000
 DEPTH OF LIQUID IS 1.6M 12.0M³
 PLAN AREA OF TANKS - 30/1.6 = 19m²
 THE RATIO OF LENGTH TO WIDTH OF TANKS IS 3
 LENGTH x BREADTH x 3 = 19m²
 BREADTH OF THE TANKS 8M
 FREE BOARD OF THE TANKS 0.40M
 PROVIDE TWO SEPTIC TANKS EACH OF 4.35 x 3.05 x 2M
 THE SIZE UPFLOW FILTER
 DISCHARGE FOR 60 PER 50N⁴ 12000 LTS
 VOLUME 60 x 45 = 2700 LIT
 DEPTH - 1.10 - 0.30 0.80 m
 PLAN AREA REQUIRED 22.50 x 0.80 = 28m²
 SIZE OF FINAL EFFI SUMP 1.63 x 0.70 x 1.75 m
 UP FLOW FILTER NO-1 .91 x 0.70 x 0.8 m²
 UP FLOW FILTER NO-2 .91 x 0.70 x 0.8 m²

CMDA (B) / No. 1
 C. No. 32/45361/200D
 VENTILATION PIPE
 ASST
 Scrutiny
 P. A. 17/10/2001
 D.P.

R/CPL BLDG 25 (B/A) 2001
 Planning Permit No SECTION ON-A,B

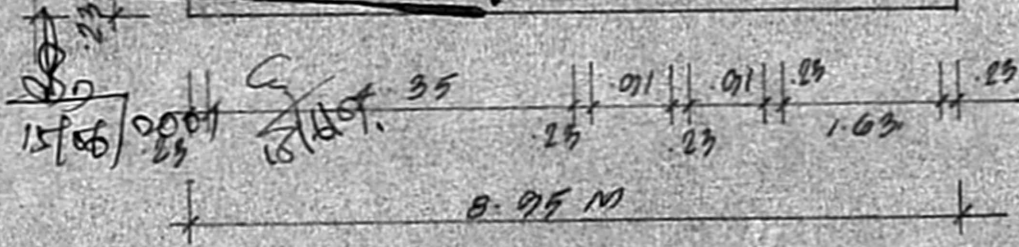
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER



Bhama Kanan



267
 No. 30



PLAN OF SEPTIC TANK