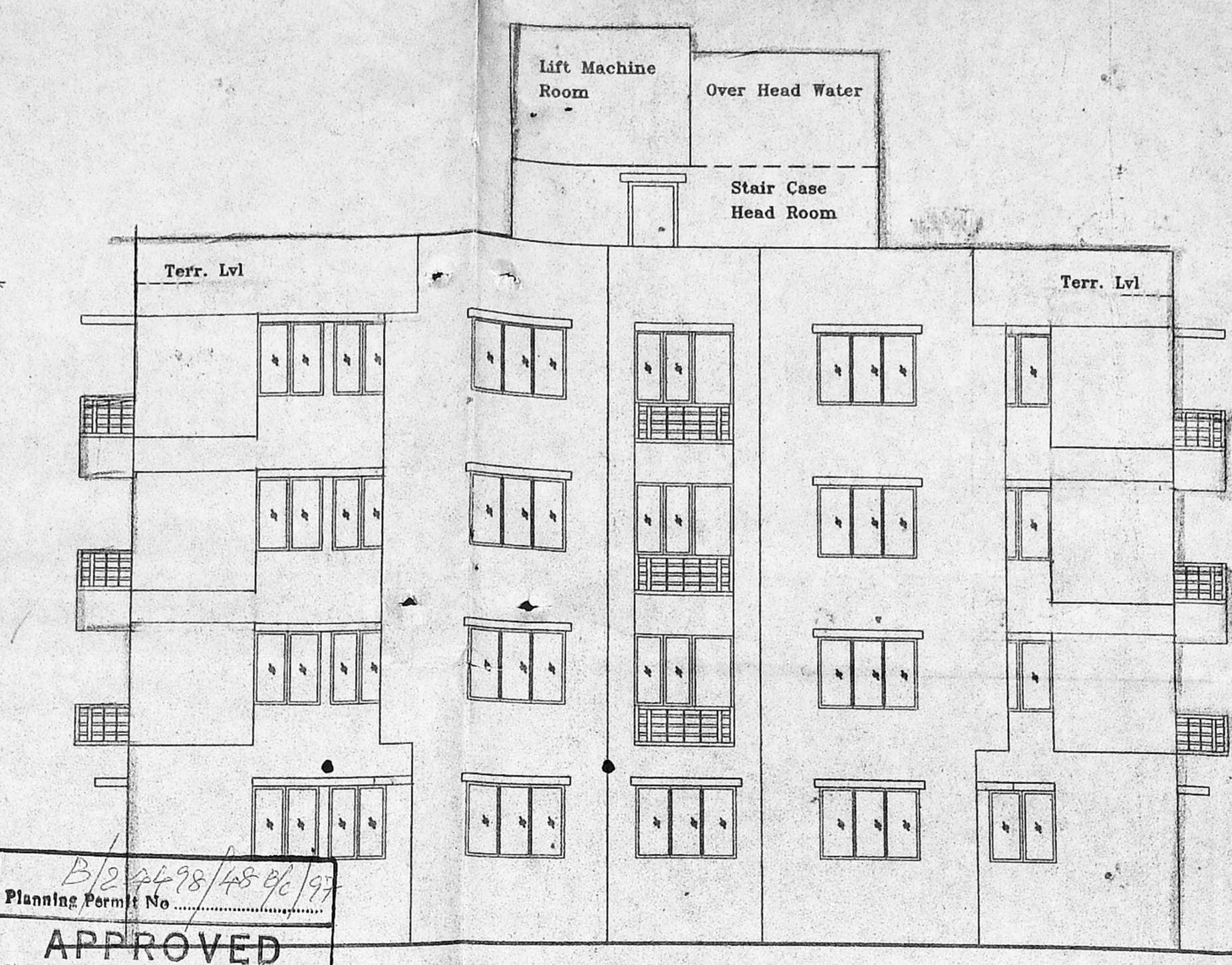


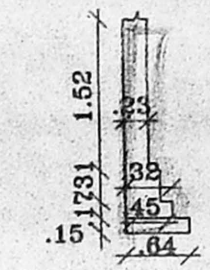
SECTION ON "SS"



FRONT ELEVATION



DETAIL OF GATE



DETAIL OF COMPOUND WALL

RAIN WATER TRENCH

Planning Permit No. B/22498/4896/97
APPROVED
SUBJECT TO THE CONDITIONS IN THE OFFICE LETTER.
No. B/1904/96 Date 2-9-97
FCR M.T.D.R. SECRETARY
CHENNAI METROPOLITAN
DEVELOPMENT AUTHORITY
CHENNAI-600 008.

AREA STATEMENT

PLOT AREA	=	1284.7583M2
GROUND FLOOR AREA	=	430.072 M2
FIRST FLOOR AREA	=	519.998 M2
SECOND FLOOR AREA	=	519.998 M2
THIRD FLOOR AREA	=	417.736 M2
TOTAL FLOOR AREA	=	1687.804 M2
F.S.I ALLOWABLE 1.50 Times	=	1927.137 M2
F.S.I ACHIEVED 1.469 Times	=	1887.804 M2
PLOT COVERAGE ALLOWED 65%	=	
PLOT COVERAGE ACHIEVED 40.67%	=	
SERVICE AREA	=	3.8711 M2

SPECIFICATIONS

FOUNDATIONS: Using p.c.c 1:5:10 below brick work
FLOORING : Mosaic Flooring
SUPER STRUCTURE : B.W in C.M 1:5 for R.C.C 1:2:4 in Lintel Beams sunshade etc
ROOF : R.C.C 1:2:4 with requiring thickness
WEATHERING COURSE : Brick jelly lime conc. below the weathering tiles
JOINERY : Best Indian Country Wood
FINISHES : Exterior & interior painted with cement paint

PROPOSED RESIDENTIAL BUILDING AT PLOT No. 142, SATHYANARAYANA ROAD, VENKATAPURAM, AMBATTUR, MADRAS - 600 053.
SURVEY No. 594/11

SCALE : 1:100
ALL DIMENSIONS ARE IN METRE

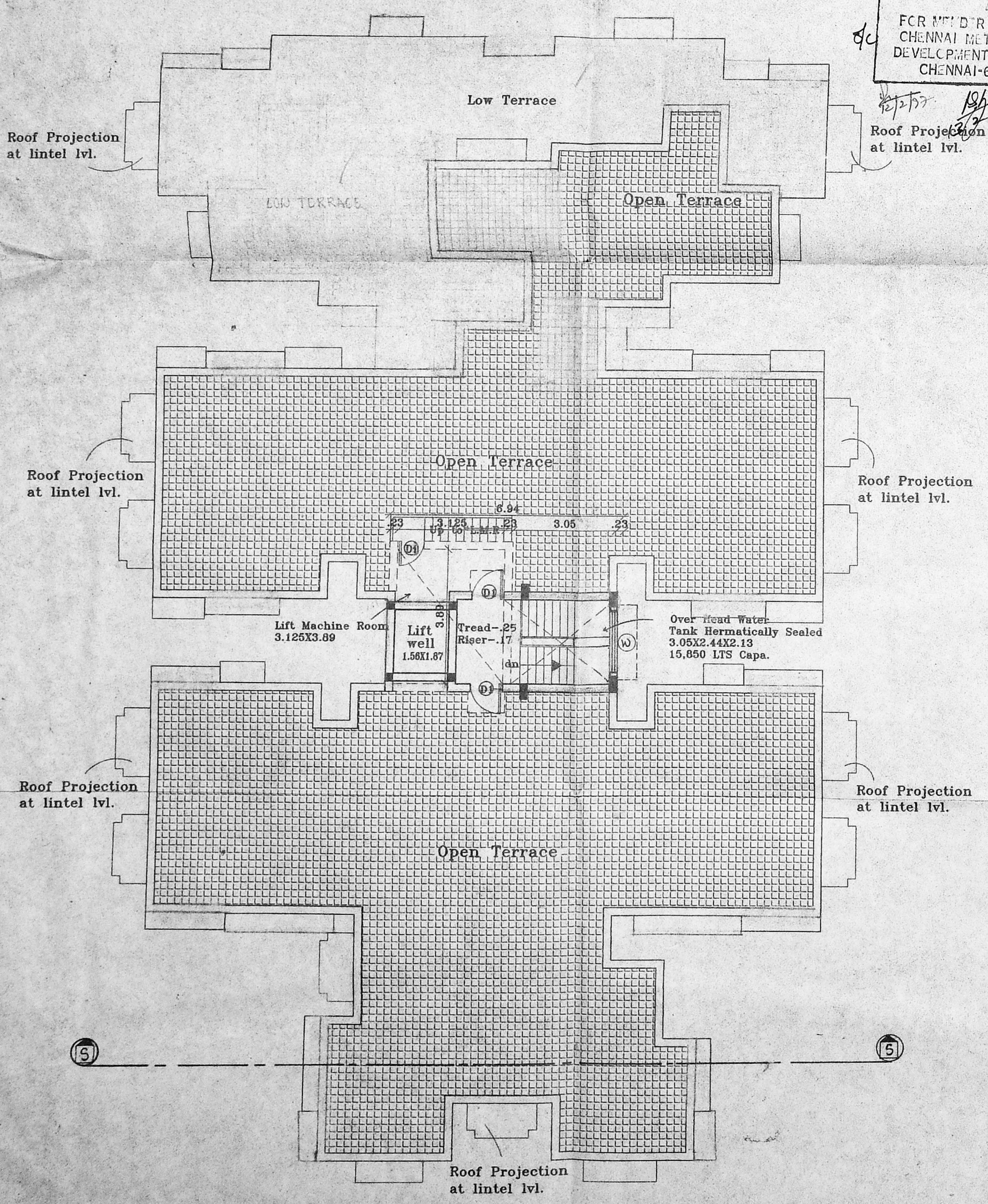
Colour Index

Proposed	Water Line
Boundary	Sewer Line
Road	

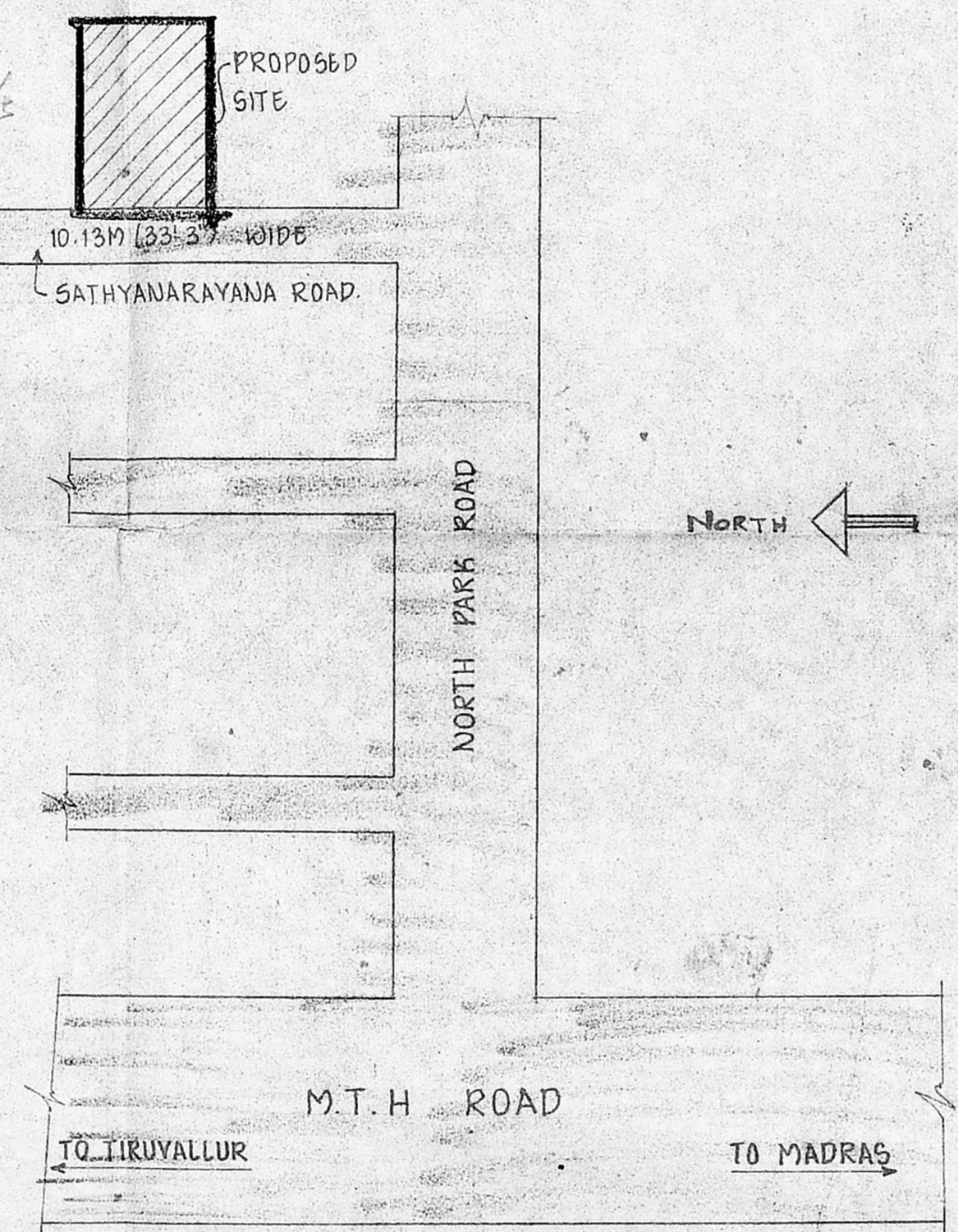
(Power Agents)
S.V. Balasubramanian

Architects
Anbu & Faizal
53/11, Sri Rangam Avenue,
Pantheon Road
Egmore,
Madras - 600 008.
Phone - 855 42 82.

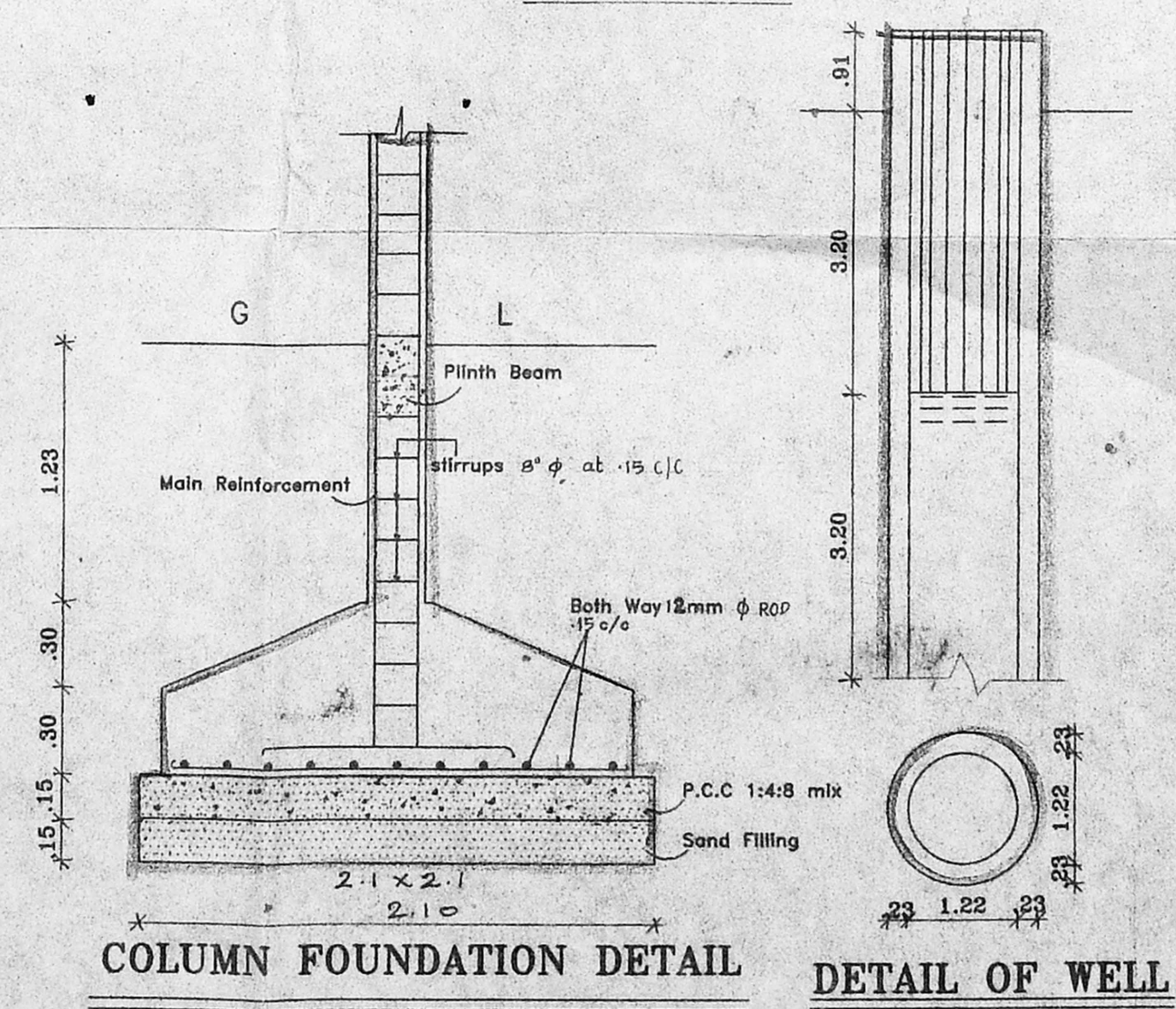
Siva Anbarasan
M. Arch (U.S.A, England) M.C.A. A.I.I.A.
Regd Architect r.a.no.191 c.a.no.10769



TERRACE FLOOR PLAN



KEY PLAN
(NOT TO SCALE)

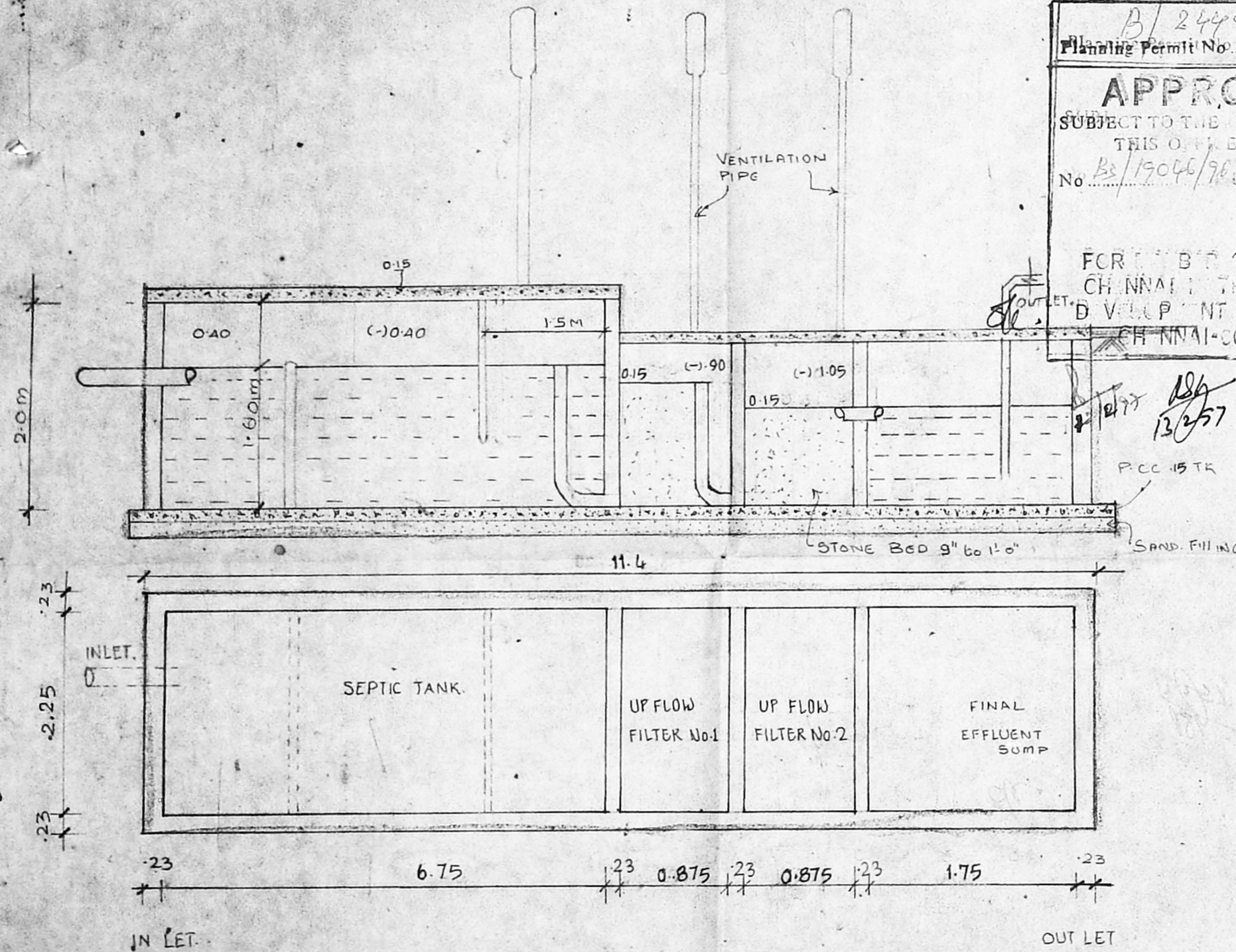


COLUMN FOUNDATION DETAIL
DETAIL OF WELL

PROPOSED RESIDENTIAL BUILDING AT PLOT No. 142,
 SATHYANARAYANA ROAD, VENKATAPURAM, AMBATTUR
 MADRAS - 600 053.
 SURVEY No. 594/1.

CMDA (B)/PP No. 1
 C. No. B3/19046/96
 Assst
 Scrutiny
 P. A. [Signature]
 A.P. D.P.

B/24498/48% / 97
 Planning Permit No.
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS ORDER LETTER.
 No. B3/19046/96 Date 2-97
 FOR THE MUNICIPALITY
 CHENNAI MUNICIPALITY
 CHENNAI-600 098.



DETAIL OF SEPTIC TANK.

ALL DIMENSIONS ARE IN METRE.

DESIGN OF SEPTIC TANK ; TWO UP FLOW FILTERS.

NO OF DWELLINGS	31 NOS
NO OF USERS	31 X 5 = 155
RATE OF WATER SUPPLY IS	150 LPH/DAY
THEN FLOW OF SEWAGE PER DAY	155 X 150 = 23250 LITERS.
DETENTION PERIOD IS	18 HRS
TANK CAPACITY	23250 X 18 / 24 = 17437.5 LITERS

THE TANK IS TO BE CLEANED EVERY YEAR. SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LTS FOR PERSON PER YEAR

155 X 15
2325 LTS
23250 + 2325
25575 LTS.

WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 27,000 LTS OR 27 M³

SEPTIC TANK HAVING A CAPACITY OF	27 M ³
DEPTH OF LIQUID AS	1.60 M
PLAN AREA OF THE TANK	27 / 1.60 = 16.875 M ²
THE RATIO OF LENGTH TO WIDTH OF TANK BE	3.

BREATH OF TANK	2.25 M
LENGTH OF TANK	6.75 M
FREE BOARD OF THE TANK	0.40 M
TOTAL DEPTH OF THE TANK	1.60 + 0.40 = 2.00 M
PROVIDE SEPTIC TANK OF THE SIZE	6.75 X 2.25 X 2.0

up flow filters.	
DISCHARGE FOR 155 PERSONS	23250 LTS
VOLUME	23.25 x 25 = 580 M ³
DEPTH	1.78 - 0.30 = 1.48 M
PLAN AREA REQUIRED	580 / 1.48 = 3.92 M ²
SIZE OF FINAL EFFLUENT SUMP	1.75 X 2.25 X 1.78
UP FLOW FILTER NO 1	0.875 X 2.25 X 1.78
UP FLOW FILTER NO 2	0.875 X 2.25 X 1.78

ARCHITECTS
ANBU & FAIZAL
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 MADRAS - 600 035
 PHONE - 453900

S.V. Balakrishnan

[Signature]

SIVA ANBARASAN
 m. arch (usa, england) mca
 Regd architect no 191
 c. no - 0769

Power Agents Signature