

FIRST FLOOR PLAN

SECOND /THIRD / FOURTH FLOOR PLAN

MD - DOOR	6'0"X7'0"	-1.82X2.13
D2 - DOOR	3'0"X7'0"	-0.91X2.13
D3 - DOOR	3'0"X7'0"	-0.91X2.13
W6 - DOOR	6'0"X4'0"	-1.82X1.22
W5 - WINDOW	6'0"X4'0"	-1.82X1.22
W4 - WINDOW	4'0"X4'0"	-1.22X1.22
W3 - WINDOW	3'0"X3'6"	-0.91X1.06
V - VENTILATOR	2'0"X2'6"	-0.60X0.76

AREA STATEMENT	
TOTAL PLOT AREA	16140.00 SQ.FT 1500.0 SQ.M (As per patta)
STILT FLOOR AREA	444.00 sq.ft 41.26 sq.m
FIRST FLOOR AREA	5893.82 sq.ft 547.75 sq.m
SECOND FLOOR AREA	5893.82 sq.ft 547.75 sq.m
THIRD FLOOR AREA	5893.82 sq.ft 547.75 sq.m
FOURTH FLOOR AREA	5893.82 sq.ft 547.75 sq.m
TOTAL FLOOR AREA	24019.28 sq.ft 2232.27 sq.m

COVERGE	36.51%
F.S.I	1.499
CAR PARKING PROVIDED	18 NOS
NON-F.S.I AREA	
electrical /generator watchman room	397.93 SQ.FT 36.98 SQ.M

REFERENCE	
DWG. NO.	: 1/COR.
SCALE	: 1:100 (1" = 8'0")
DRW FILE	: SYS 1/DD/WGRAJKUMAR1
DRWN BY	: GURUKARTHIK
DATE	: 5-4-2004

COLOUR INDEX	
PROPOSED	
BOUNDARY	
ROAD	
PROJECT TITLE	

PLAN SHOWING THE PROPOSED
I.T OFFICE SPACE IN S.NO:284/1A,
AT OLD MAHALIPURAM ROAD
(IT EXPRESS HIGH WAY)
KOTTIVAKKAM VILLAGE
TAMBARAM TALUK, CHENNAI-41

RAJAKUMAR CONSTRUCTION PVT. LTD
OWNER

A. KARTHIKEYAN, M.E.
Consulting Civil Engineer
Structural & Geotech. Designer
Licensed Surveyor Class-I
Reg. No. 872-2003
109/A-461, 3rd Avenue
Anna Nagar, Chennai-102.
Phone: 2862892

LICENSED SURVEYOR

R.P. 31 6/7/04

CMDA (B) / No. 1
 C. No. P.2/26306/03
 Asst. P. A. JOSEPH

MD - DOOR	6'0"X7'0"	-1.82X2.13
D2 - DOOR	3'0"X7'0"	-0.91X2.13
D3 - DOOR	2'6"X7'0"	-0.76X2.13
W6 - DOOR	6'0"X4'0"	-1.82X1.22
W5 - WINDOW	5'0"X4'0"	-1.52X1.22
W4 - WINDOW	4'0"X4'0"	-1.22X1.22
W3 - WINDOW	3'0"X3'6"	-0.91X1.06
V - VENTILATOR	2'0"X2'6"	-0.60X0.76

REFERENCE

DWG. NO. : 1
 SCALE : 1:100 (1" = 8' 0")
 DRW FILE : SYS 1/D.WG/RAJKUMAR/1
 DRWN BY : GURUKARTHIK

COLOUR INDEX

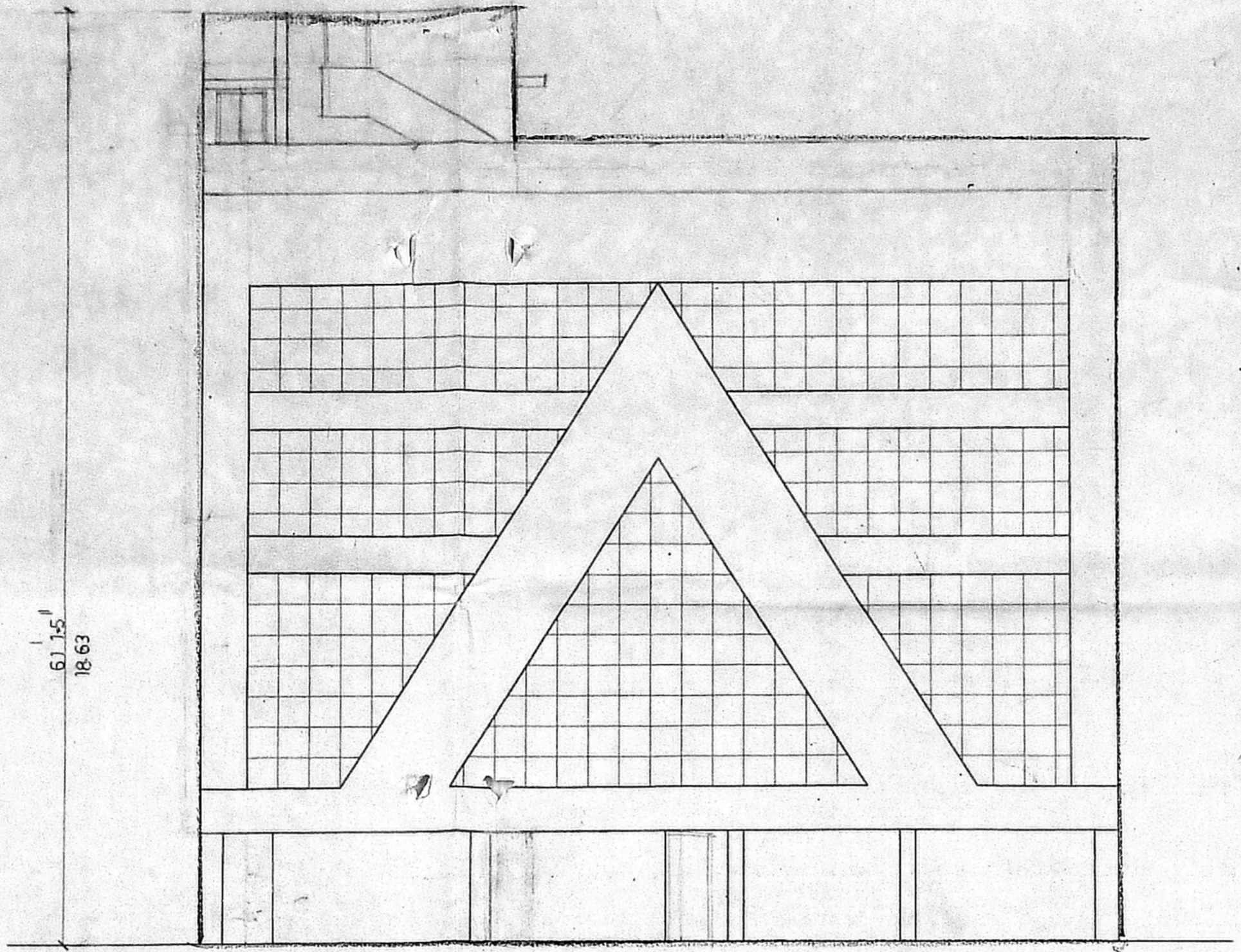
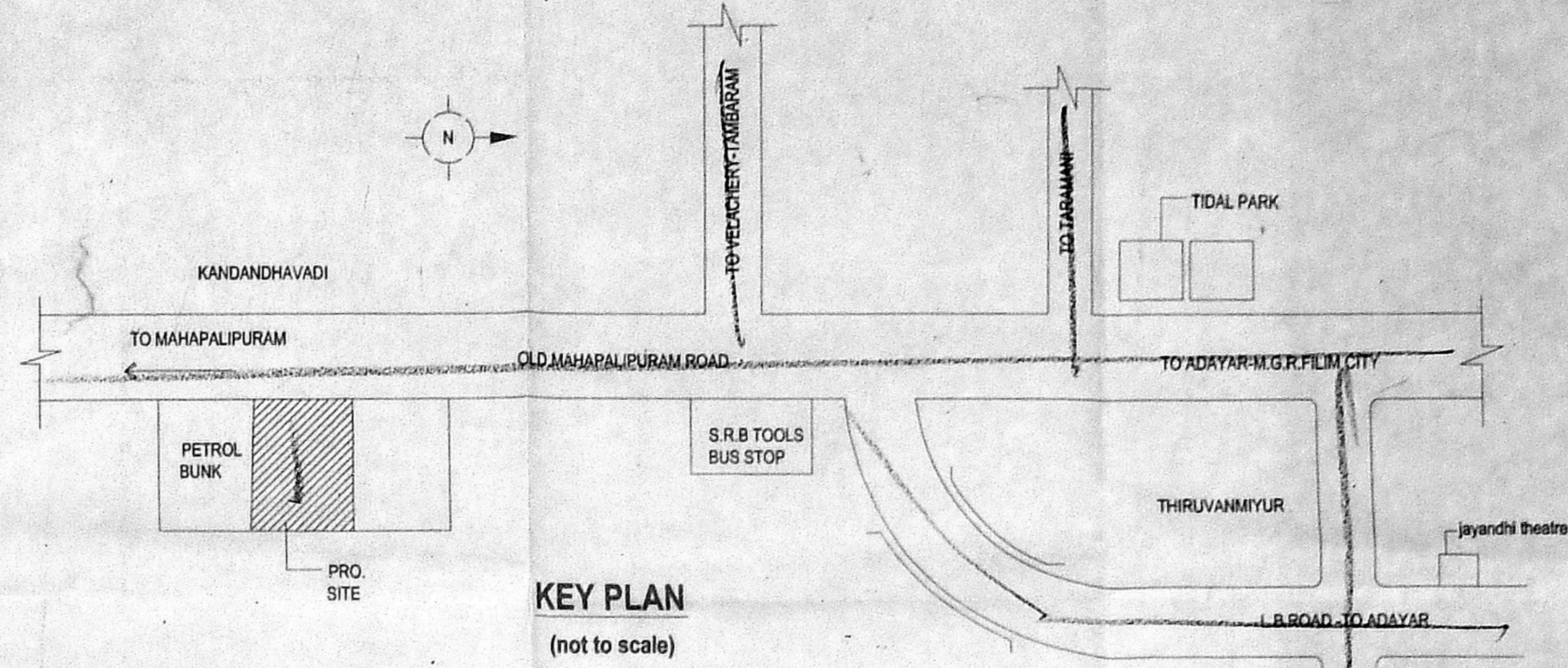
PROPOSED
 BOUNDARY
 ROAD

PROJECT TITLE

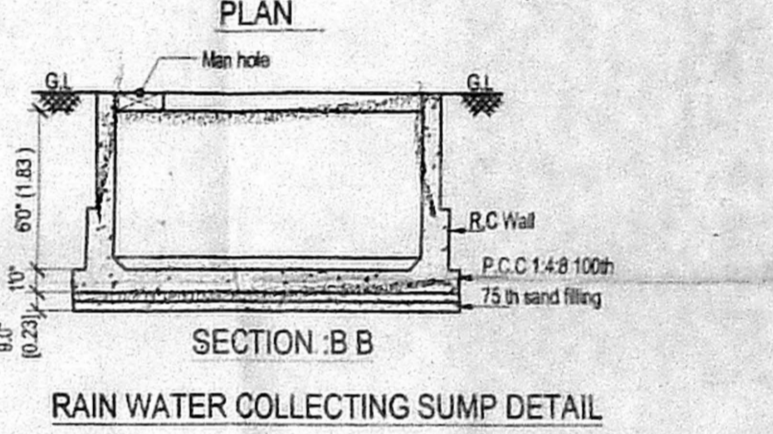
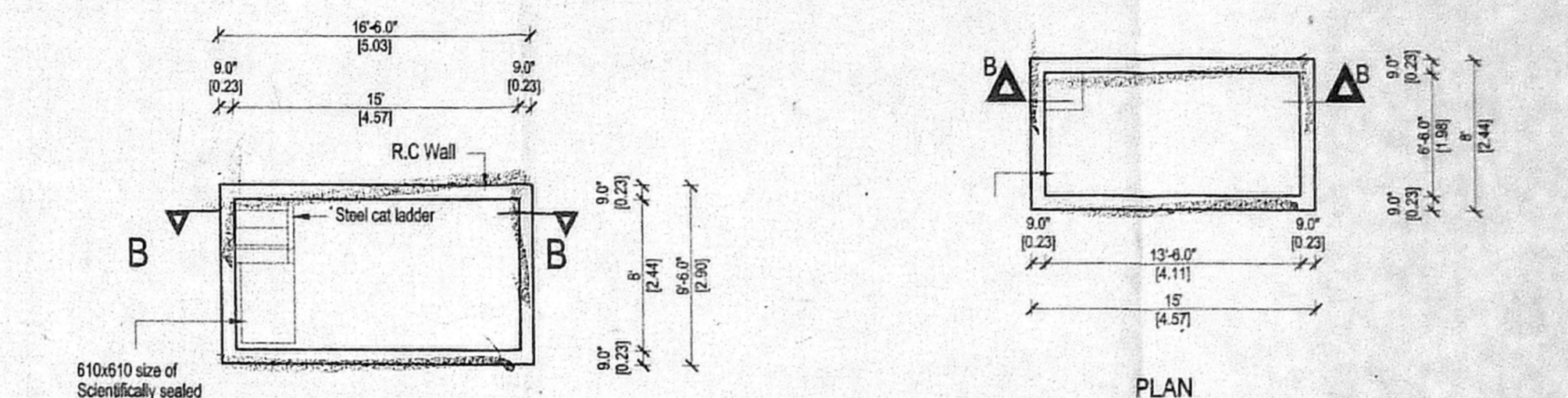
PLAN SHOWING THE PROPOSED
 I.T OFFICE SPACE IN S.NO:284/1A,
 AT OLD MAHABALIPURAM ROAD
 (IT EXPRESS HIGH WAY)
 KOTTIVAKKAM VILLAGE
 TAMBARAM TALUK, CHENNAI.41

(RAJKUMAR CONSTRUCTION PVT. LTD)
 OWNER

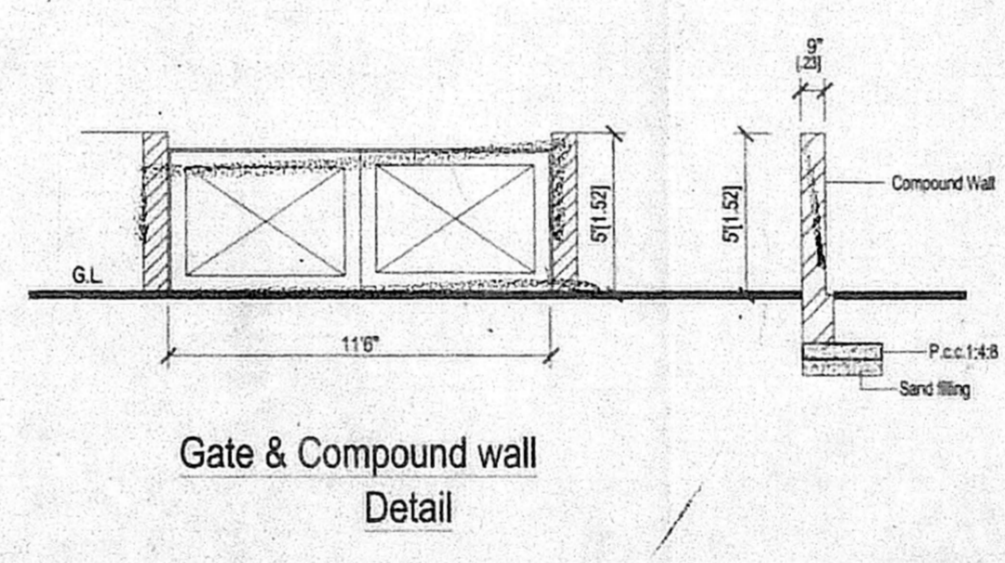
Ramesh
 A. KARTHIKEYAN, M.E.,
 Consulting Civil Engineer
 Structural & Geotech. Designer
 Licensed Surveyor Class-1
 Reg. No. 872-2003
 102 (A-46), 3rd Avenue
 Anna Nagar, Chennai-102.
 Phone: 26262982



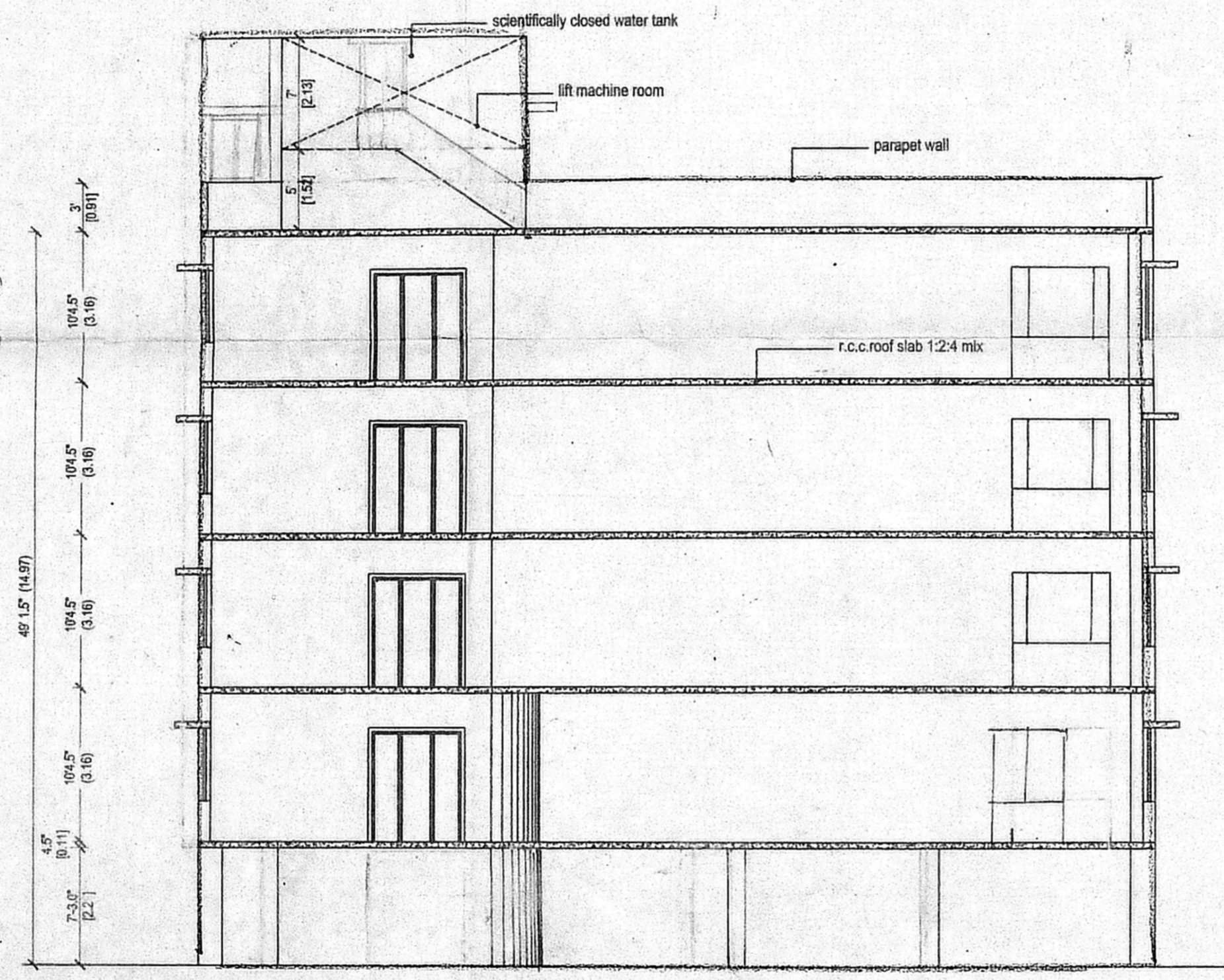
ELEVATION



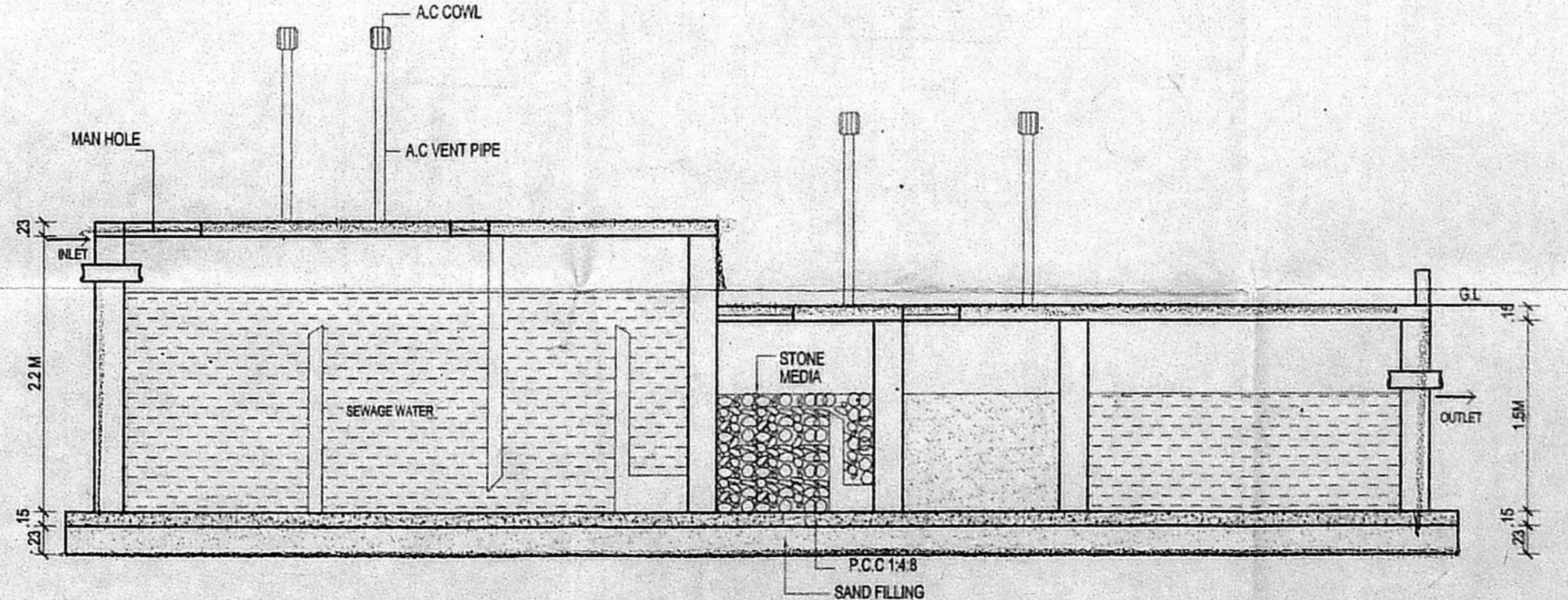
RAIN WATER COLLECTING SUMP DETAIL



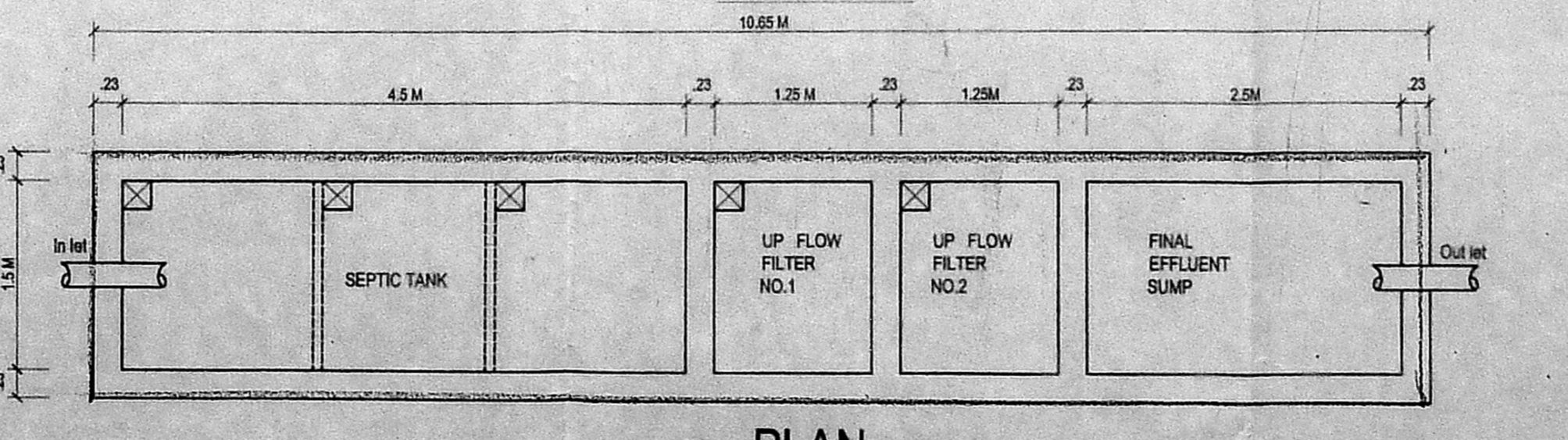
Gate & Compound wall Detail



SECTION AT 'XY'



SECTION



PLAN (SCALE 1:200)

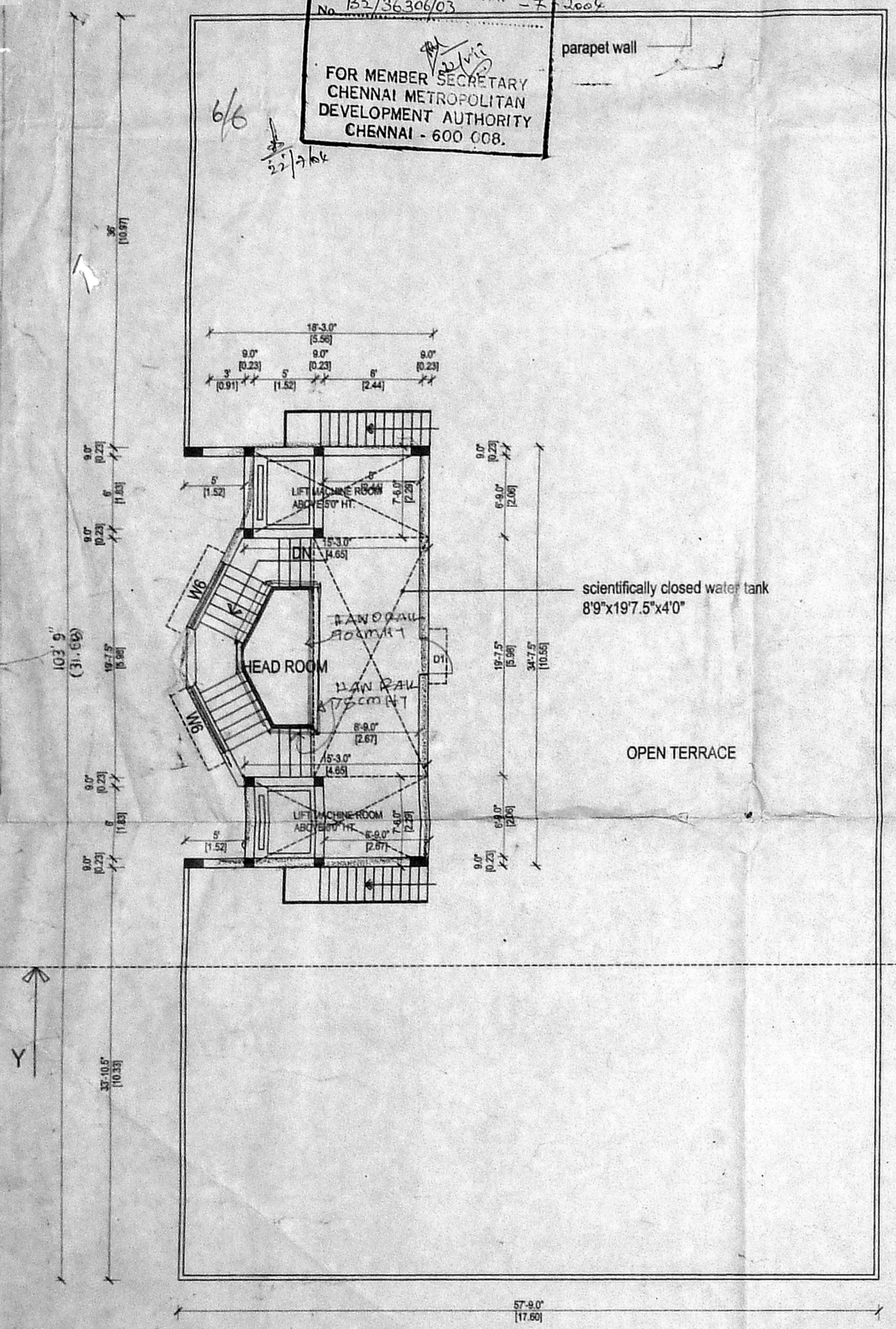
DETAIL OF SEPTIC TANK WITH UP FLOW FILTERS

DESIGN OF SEPTIC TANK WITH TWO UPFLOW FILTERS:

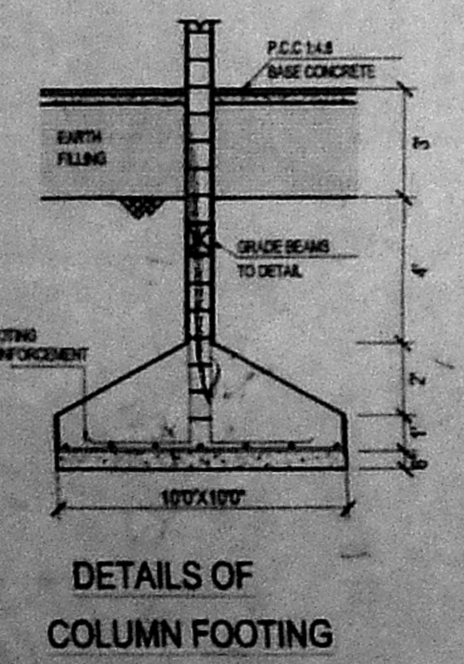
NO. OF DWELLINGS	=20
NO. OF USERS	=20x5 = 100 PERSONS
RATE OF WATER SUPPLY	=150 LPH/DAY
THEN FLOW OF SEWAGE PER DAY	=100x150 = 15000 LITS
DETENTION PERIOD IS	18 HRS
TANK CAPACITY	15000x18/24 = 11250 LITS
THE TANK IS TO BE CLEANED EVERY YEAR	
SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LITS PER PERSON PER YEAR WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 8235 LITS (or) 8.5 M ³	
SEPTIC TANK HAVING A CAPACITY OF	-12 M ³
DEPTH OF LIQUID AS	-2.0M
PLAN AREA OF THE TANK 10.52	-6 M ²
THE RATIO OF LENGTH TO WIDTH OF TANK TO BE	-3
LENGTH x BREADTH x 3	-6 M ²
BREADTH OF TANK	-1.5M
LENGTH OF TANK	-4.5M
FREE BOARD OF THE TANK	-0.2M
TOTAL DEPTH OF THE TANK (2.5+0.2)	-2.7M
DISCHARGE FOR 100 PERSONS	-15000 LITS
VOLUME 100x0.45	-4.5M ³
DEPTH 1.10 - 0.30	-1.2M
PLAN AREA REQUIRED 10.50/8	-3.75M ²
SIZE OF FINAL EFFLUENT SUMP	-1.50x1.25x1.5
UPFLOW FILTER NO 1	-1.5x1.25x1.5
UPFLOW FILTER NO 2	-1.5x1.25x1.5

OFFICE COPY

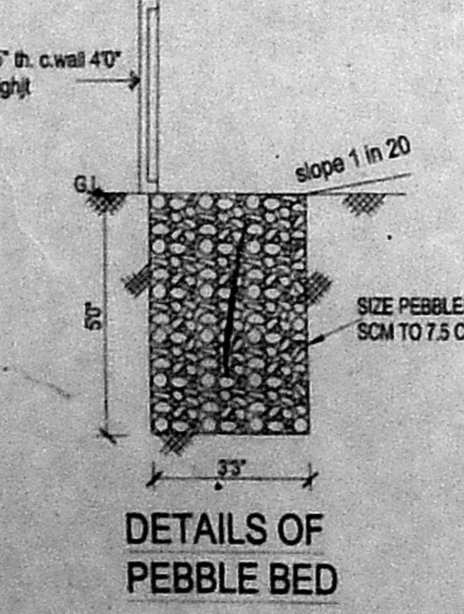
Planning Permit No. B.18154/366-B/2004
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER No. B.2/36306/03
 FOR MEMBER SECRETARY CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY CHENNAI - 600 008.



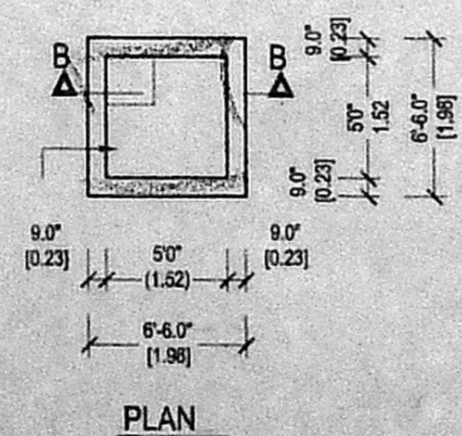
TERRACE FLOOR PLAN



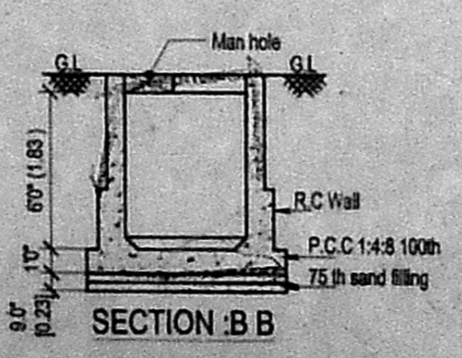
DETAILS OF COLUMN FOOTING



DETAILS OF PEBBLE BED



PLAN



SECTION : B B

SUMP FOR SULLAGE WATER