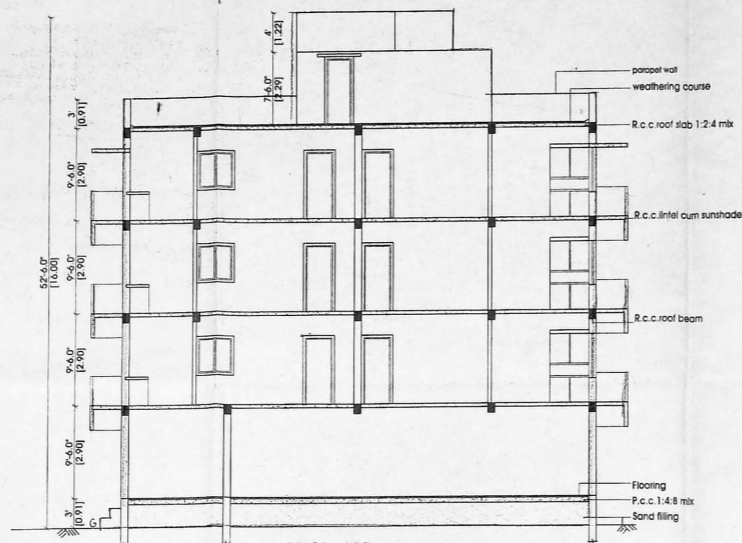
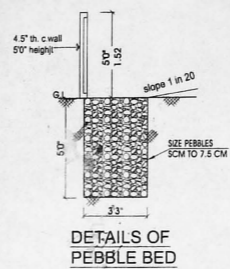


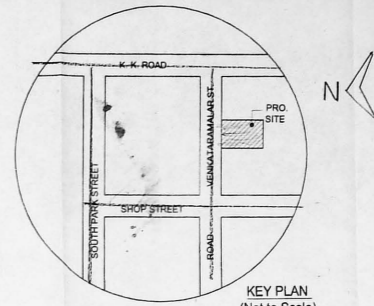
ELEVATION



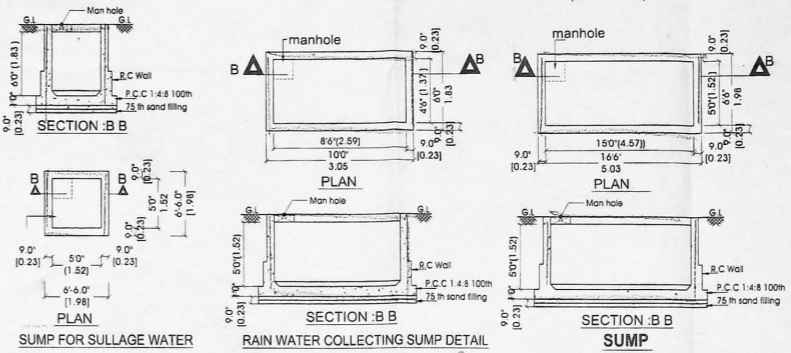
SECTION "X-Y"



DETAILS OF PEBBLE BED



KEY PLAN (Not to Scale)



SECTION - B-B

PLAN

PLAN

PLAN

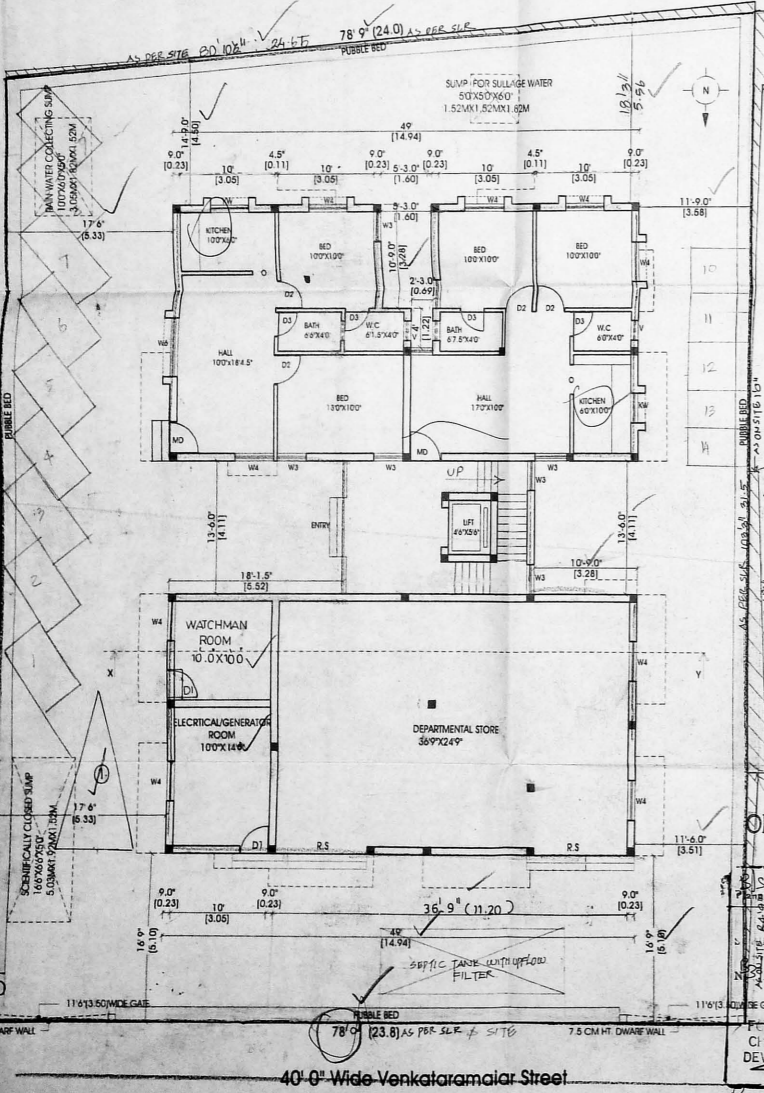
SECTION - B-B

SECTION - B-B

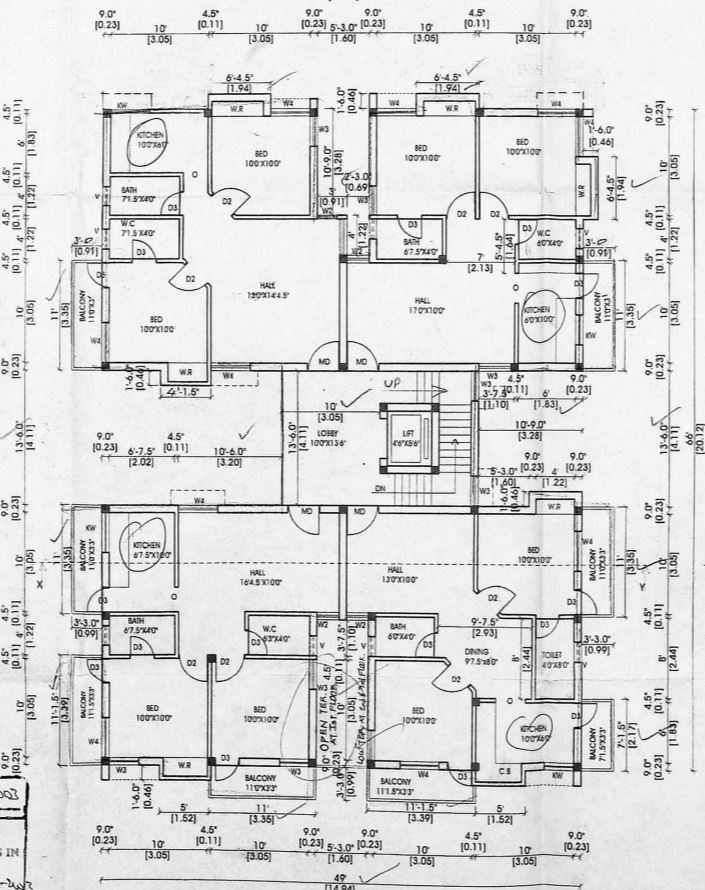
SUMP FOR SULLAGE WATER

RAIN WATER COLLECTING SUMP DETAIL

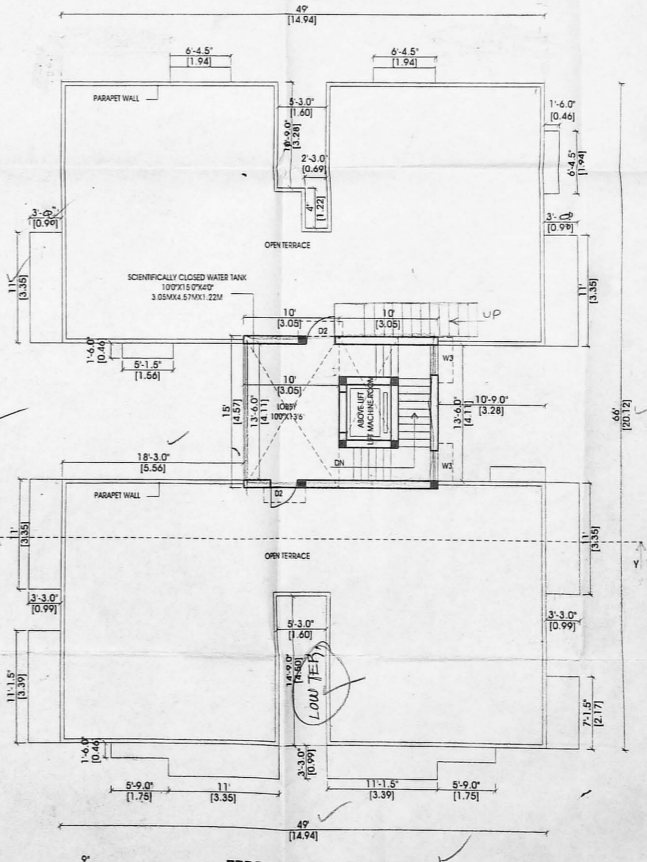
SUMP



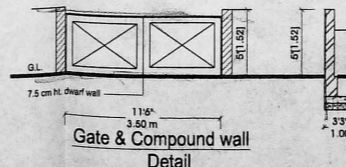
SITE CUM GROUND FLOOR PLAN



TYPICAL FLOOR PLAN (FIRST/SECOND/THIRD)



TERRACE FLOOR PLAN



Gate & Compound wall Detail

DOOR		WINDOW		VENTILATOR	
D1	DOOR 3'3"X7'0"	W1	WINDOW 5'0"X4'0"	V1	VENTILATOR 2'0"X2'6"
D2	DOOR 3'0"X7'0"	W2	WINDOW 6'0"X4'0"	V2	VENTILATOR 6'0"X0.76"
D3	DOOR 2'6"X7'0"	W3	WINDOW 4'0"X4'0"	V3	VENTILATOR 3'0"X3'6"
D4	DOOR 3'0"X7'0"	W4	WINDOW 5'0"X4'0"	V4	VENTILATOR 2'0"X2'6"
D5	DOOR 3'0"X7'0"	W5	WINDOW 5'0"X4'0"	V5	VENTILATOR 2'0"X2'6"
D6	DOOR 3'0"X7'0"	W6	WINDOW 6'0"X4'0"	V6	VENTILATOR 2'0"X2'6"

AREA STATEMENT		
TOTAL PLOT AREA	7741.56 SFT	714.19 SQ.M
GROUND FLOOR AREA	2486.72 sq.ft	231.78 sq.m
FIRST FLOOR AREA	3033 SFT	281.76 sq.m
SECOND FLOOR AREA	3033 SFT	281.76 sq.m
THIRD FLOOR AREA	3033 SFT	281.76 sq.m
TOTAL FLOOR AREA		1077.06 sq.m
COVERGE	39.21 %	
F.S.I	1.497	
NON F.S.I AREA	ELECTRICAL/GENERATOR ROOM 292.00 SQ.FT 27.13 SQ.M	

COLOUR INDEX	
PROPOSED	[Color Box]
BOUNDARY	[Color Box]
ROAD	[Color Box]

SCALE: 1" TO 8' 0"

PROPOSED RESIDENTIAL BUILDING

IN DOOR NO:11, PLOT NO:190,

IN OLD S.NO:626

V.NO:89,VENKATARAMAIAR STREET,

VENKATAPURAM,AMBATTUR,

CHENNAI-53,

T.S. NO. 30, WARD B, BLOCK 22.

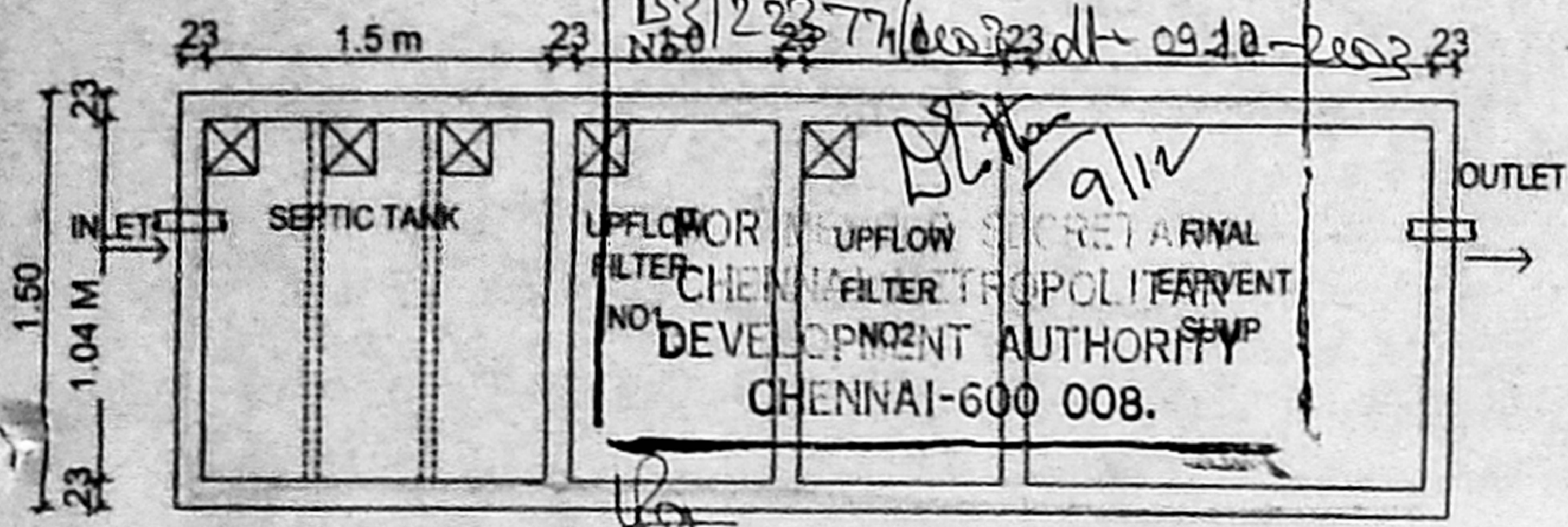
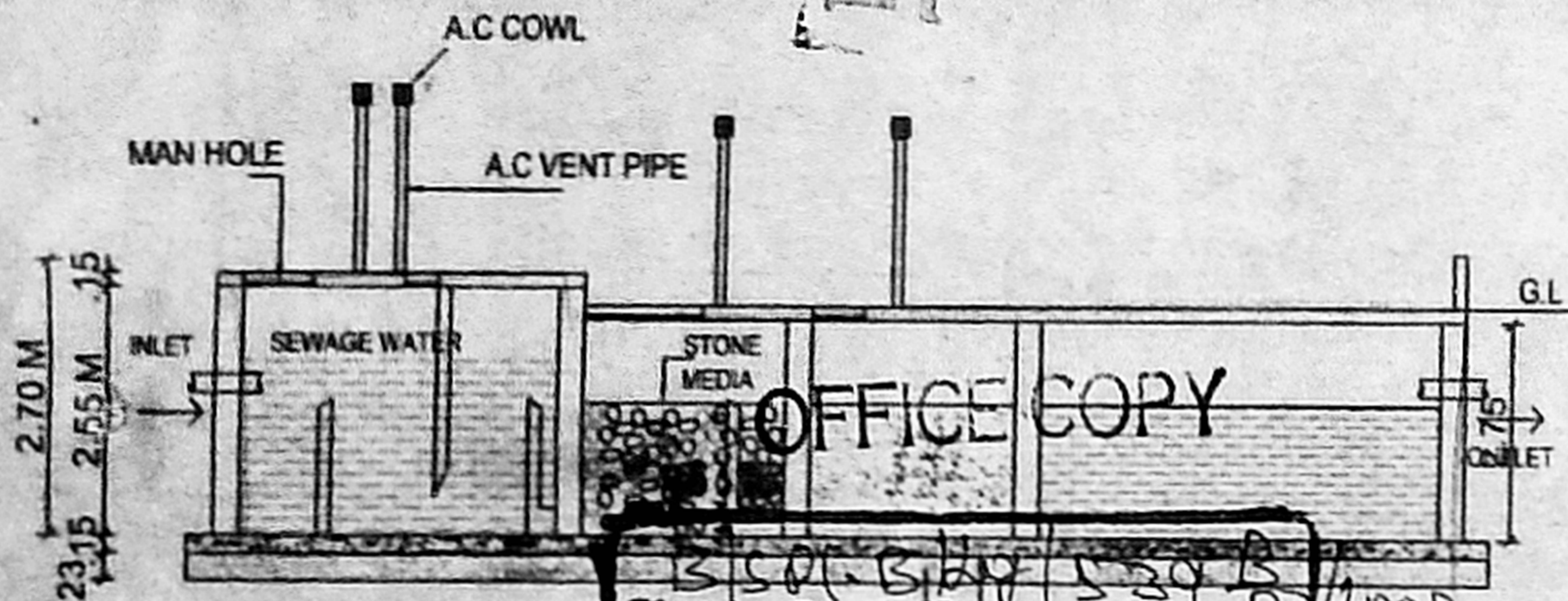
OWNER

K. SELVAM, B.E. AMIE, Eng (I) A.I.V.,
 Consulting Civil Engineer Chartered Engineer
 App oved Valuer & Licen ed Surveyor
 Class I Reg No. 600/11/2004
 Door No. 11/17, Thiruvalluvar Salai,
 Meenapatti East, Chennai - 600 050.
 Ph. 26569050, Cell: 98412 82050
 (GREEN CHANNEL FILE NOT APPLICABLE)

LICENSED SURVEYOR

DESIGN OF SEPTIC TANK WITH TWO UPFLOW FILTERS:

Colour index SHEET NO = 2/2



PLAN

DETAIL OF SEPTIC TANK WITH 2UP FLOW FILTERS

NO. OF DWELLINGS	=14
NO. OF USERS	=14x5 = 70 PERSONS
RATE OF WATER SUPPLY	=150 LPH/DAY
THEN FLOW OF SEWAGE PER DAY	=70x150 =10500 LTS
DETENTION PERIOD IS	18 HRS
TANK CAPACITY	10500x18/24 =7875 LTS
THE TANK IS TO BE CLEANED EVERY YEAR	
SO SLUDGE STORAGE CAPACITY AT THE RATE OF 15 LTS PER PERSON PER YEAR	=24x15 = 360 LTS
WITH PROVISION FOR FUTURE EXPANSION LET THE TOTAL TANK CAPACITY BE 8235 LTS (or) 8.5 M3	=7875+360 =8235LTS
SEPTIC TANK HAVING A CAPACITY OF	-8.5 M3 ³
DEPTH OF LIQUID AS	-2.0M
PLAN AREA OF THE TANK 10.5/2	-4.25M ²
THE RATIO OF LENGTH TO WIDTH OF TANK TO BE	-3
LENGTH x BREADTH x 3	-4.25M
BREADTH OF TANK	-1.0M
LENGTH OF TANK	-1.5M
FREE BOARD OF THE TANK	-0.2M
TOTAL DEPTH OF THE TANK (2.5+0.2)	-2.7M
DISCHARGE FOR 100 PERSONS	-15000 LTS
VOLUME 100x 0.45	-4.5M ³
DEPTH 1.10 - 0.30	-0.80M
PLAN AREA REQUIRED 10.5/0.8	-3.6M ²
SIZE OF FINAL EFFIVENT SUMP	-1.50x1.0x2.0
UPFLOW FILTER NO 1	-1.40x1.0x2.0
UPFLOW FILTER NO 2	-1.40x1.0x2.0

Planning Permit No. PCC 198
B3/22377/2003

SECTION APPROVED
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
B3/22377/2003 dt-09.10.2003

SECRETARIAL DEPARTMENT
TROPOLITAN DEVELOPMENT AUTHORITY
CHENNAI-600 008.

PROPOSED
CMDA (B) No. B3/22377/2003
BOUNDARY

Scrutiny ROAD
P. A.

PROJECT TITLE
PROPOSED RESIDENTIAL BUILDING IN PLOT NO: 190

S.NO. 626, DOOR NO. 11,
VENKATARAMAI ST.,
VENKATAPURAM, AMBATTUR
THIRUVALLUR DISTRICT.

SCALE = 1" = 4'0" DATE = 24.07.2003

FILE NAME : sys 1/d/drg/yes yes/final/thiru...

[Signature]

OWNER

K. SELVAM, B.E., AMIE, C. Eng (II) A.I.T.
Consulting Civil Engineer & Chartered Engineer
Approved Valuer & Licensed Surveyor,
Class I Reg No. 100/2008-2004
Door No. 11/17, Thiruvallur Salai,
Mogappair East, Chennai-600 050.
LICENSED SURVEYOR: 98412 82050