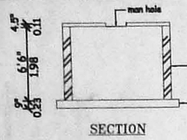
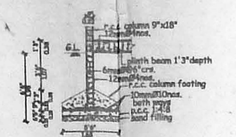
Revised Plan
Dt: 9/12/2008

CMDA (B)/ No. 1
C. No B1/27391/2008
Asst
Scrutiny
P. A.

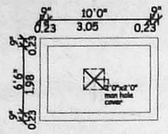
NORTH POINT :



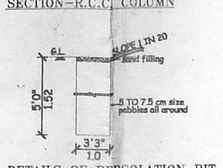
SECTION



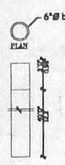
SECTION-R.C.C. COLUMN

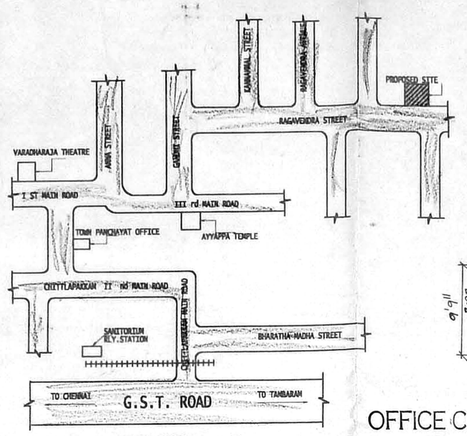


PLAN
SUMP DETAILS

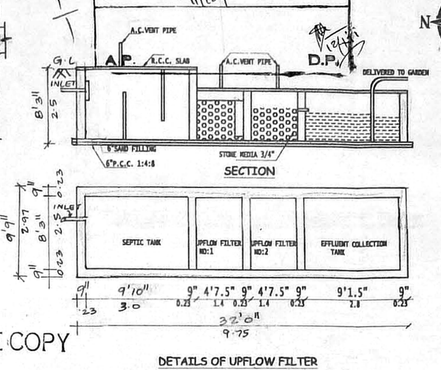


DETAILS OF PERCOLATION PIT
(NOT TO SCALE)

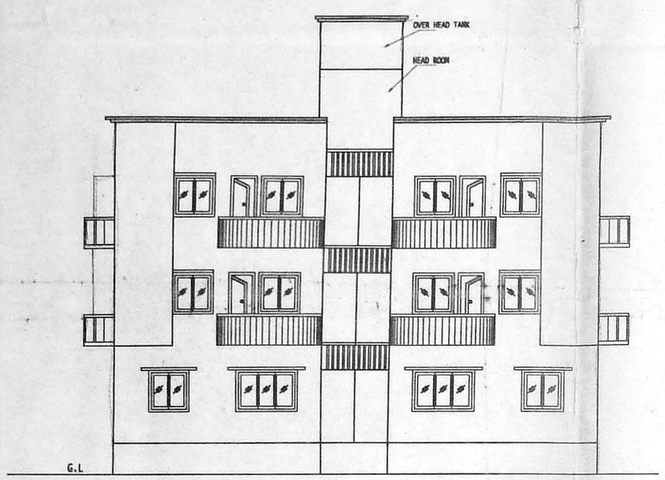




KEY PLAN (Not to scale)

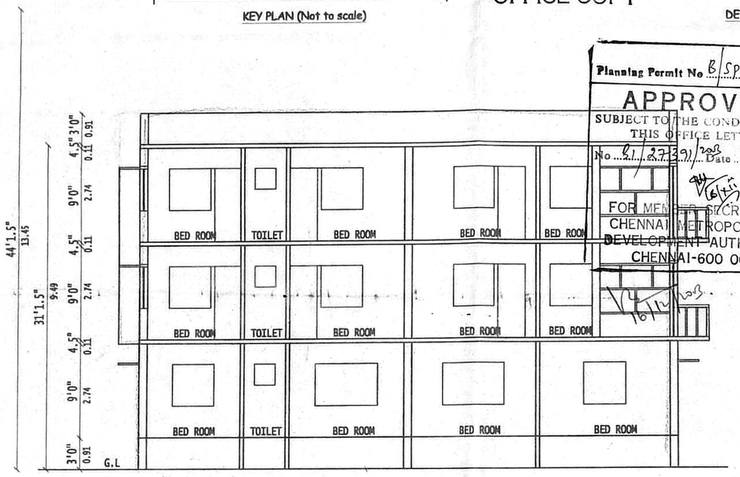


OFFICE COPY



ELEVATION

DETAILS OF UPFLOW FILTER
SEPTIC TANK



SECTION ON AB

Planning Permit No. B/SPL.Blg/549/2008
APPROVED
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
No. B1/27391/2008 Date 16/12/2008
FOR MEMBER SECRETARY
CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY
CHENNAI-600 008.

SPECIFICATION

(1). FOUNDATION : 0.15M RAND FILLING, 0.15M P.C.C 1:4:8 MIX, BRICK WORK USING IN CEMENT MORTER 1:4 AND PLINTH SLEEPER BEAM SIZE 0.15X0.23 USING R.C.C 1:2:4

(2). DAMP PROOF COURSE : D.P.C SHALL BE BCM THK. CEMENT CONCRETE 1:2 MIXED WITH 1KG OF IMPERMO PER BAG OF CEMENT

(3). SUPER STRUCTURE : BRICK WORK IN CEMENT MORTER 1:6 USING WELL BURNT BRICKS (GROUND MOLDED)

(4). LINTEL AND ROOF SLAB : USING R.C.C 1:2:4 MIX AND GRADE ROOF SHALL BE OF A.C SHEET

(5.) WEATHERING COURSE : BRICK JELLY IN LIME MORTER WITH PRESSED TILE ON TOP

(6). JOINERY : MAIN DOOR – FRAME SHALL BE OF TEAK WOOD & SHUTTER OF FLUSH SHUTTER WITH ONE SIDE TEAK FINISH OTHER DOORS AND WINDOWS SHALL BE COUNTRY WOOD FRAME AND SHUTTERS OF FLUSH SHUTTER

DESIGN OF SEPTIC TANK TO UP FLOW FILTER

NO OF DWELLINGS	= 12 Nos.
NO OF USERS	= 12 X 5 = 60 PERSONS
RATE OF WATER SUPPLY	= 150 / LPS/ DAY
FLOW OF SEWAGE/DAY	= 60 X 150 = 9000.00 LTS
DETENTION PERIOD	= 1DDys.
TANK CAPACITY	= 9000.00 X 18/24 =6750 LTS
CLEANED EVERY YEAR SO SLUDGE STORAGE CAPACITY AT THE RATED OF 18.0 LTS. PER A PERSON PER YEAR	24 X 15 = 360 Lts.
	6750+360 = 7110Lts.
WITH PROVISION FOR FUTURE EXPANTION LET THE TANK CAPACITY BE	= 7110 Lts.
PROPOSE SEPTIC TANK SIZE Le:Bo	= 2.44X1.07X1.5 UP FLOW FILTER.
DISCHARGE FOR 60 PERSONS	= 60 X 75 = 4500 LTS
VOLUME	= 60 X 0.20 = 12 M
DEPTH	= 1.1-0.3=0.8 M
PLAN AREA REQUIRED	= 12/0.8 =15 SQ.MTR
SIZE OF THE FINAL EFFIVENT SUMP	2.5X2.0X2.5
UP FLOW FILTER-1	= 1.4X1.0X2.5
UP FLOW FILTER-2	= 1.4X1.0X2.5

JOINERIES

D	DOOR	3'0"x7'0"
D1	DOOR	2'6"x7'0"
W	WINDOW	6'0"X4'0"
W1	WINDOW	4'0"x4'0"
V	VENTILATOR	3'0"x2'0"
O	OPENING	6'0"x7'0"

AREA DETAILS IN	SQ.FT	SQ.MTR
PLOT AREA	5232.00	486.06
PLOT AREA AS PER DOC:	5232.00	486.06
GROUND FLOOR AREA	2380.00	221.08
FIRST FLOOR AREA	2721.00	252.91
SECOND FLOOR AREA	2721.00	252.91
TOTAL FLOOR AREA	7822.00	726.90
F.S.I. :	1.495	

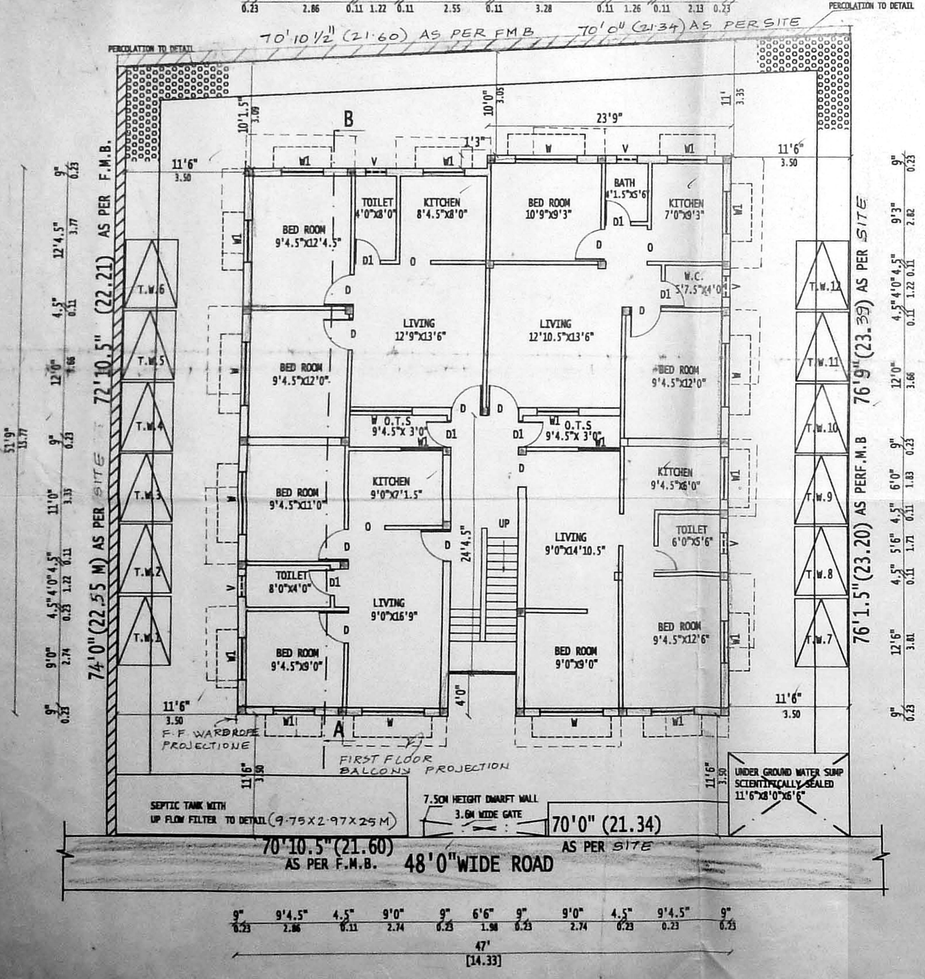
PROJECT TITLE :
PLAN SHOWING THE PROPOSED CONSTRUCTION OF RESIDENTILAL FLATS IN PLOT NO: 23 & 24 S.NO: 137/20,21, ,CHITTALAPAKKAM VILLAGE,, TAMBARAM TALUK,KANCHEEPURAM DIST.

SCALE :
1" = 8'0"
1 : 100

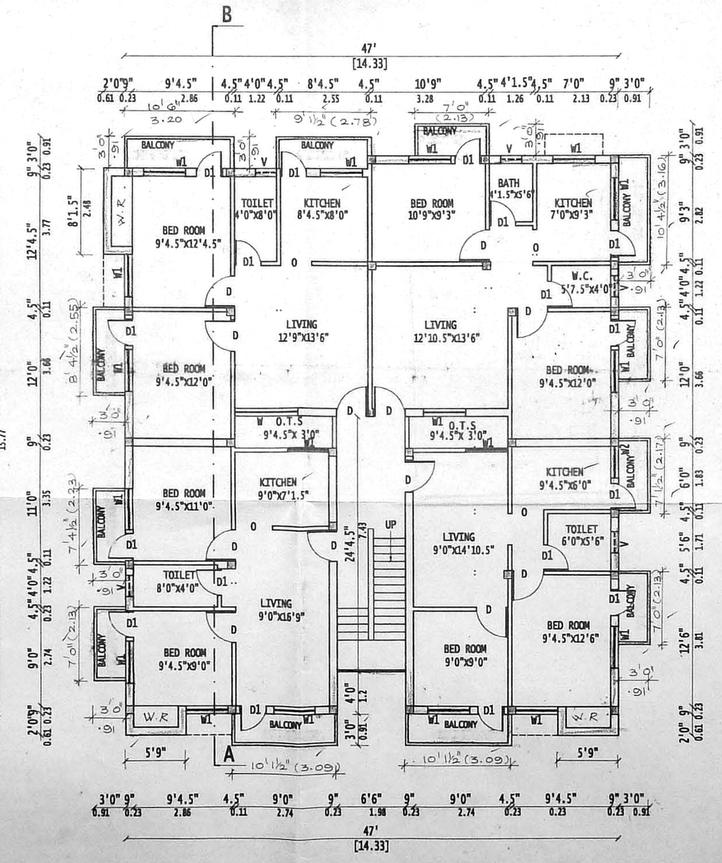
LEGEND
PROPOSED
ROAD
BOUNDARY

OWNER(S) :

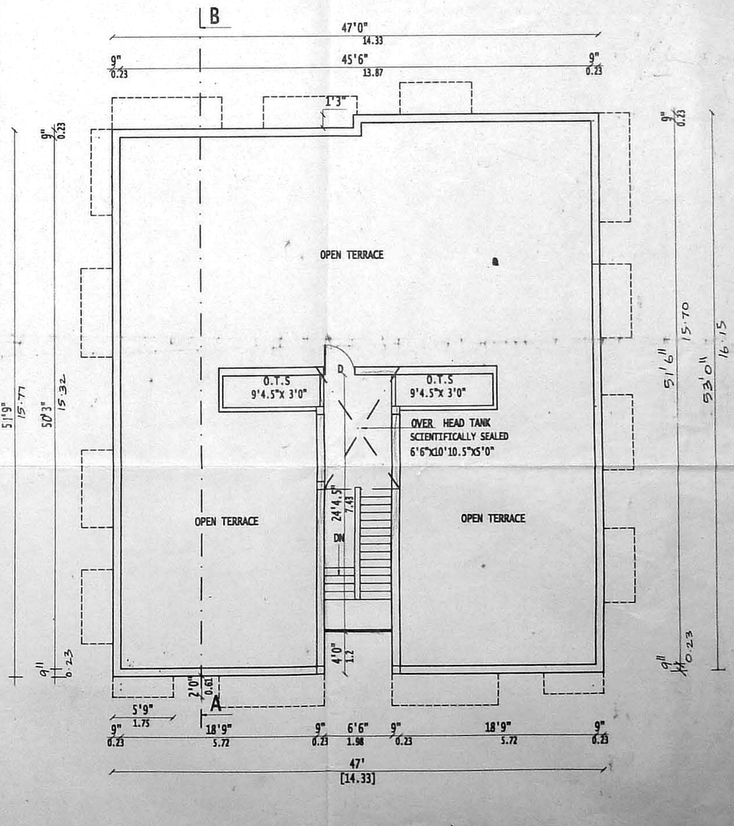
Ph: 22405301. Cell: 9841021097
G. PUTHIRA PRABHU, B.E.,A.M.I.E.,
Consulting Civil Engineer/ Chartered Engineer
Licensed Surveyor & Registered Valuer
CORPORATION OF CHENNAI
License No : 30 Class - I
24-A, Kasim Sahib Street,
C. PALLAVARAM, CHENNAI-43
(BEHIND SINGAPORE SHOPPEE)
LICENSED SURVEYOR :



SITE PLAN & GROUND FLOOR PLAN



FIRST & SECOND FLOOR PLAN



TERRACE FLOOR PLAN