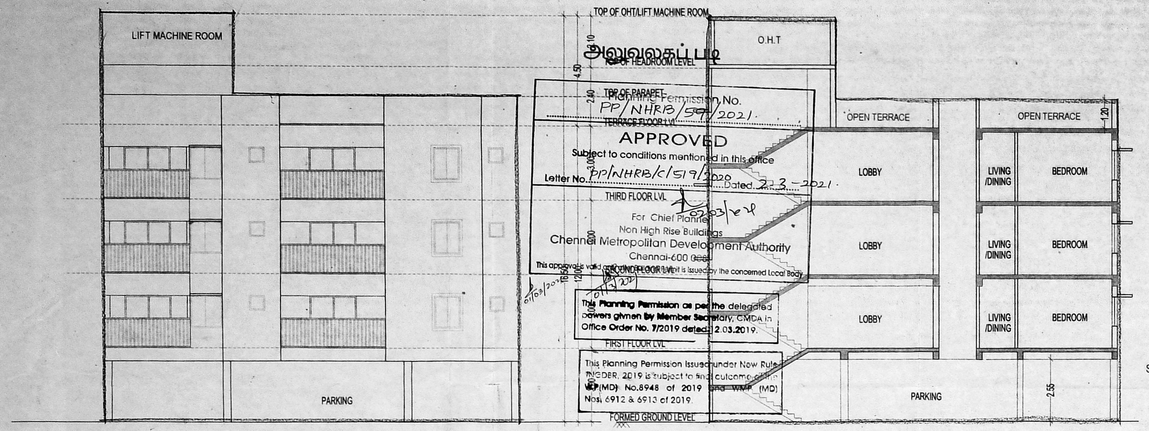
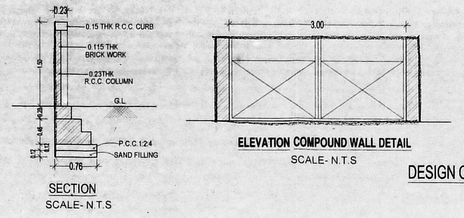
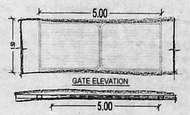
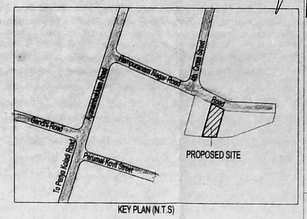


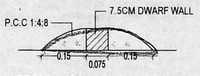


SECTION
SCALE- N.T.S

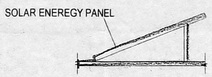
ELEVATION COMPOUND WALL DETAIL
SCALE- N.T.S







CROSS SECTION OF DWARF WALL
SCALE- N.T.S

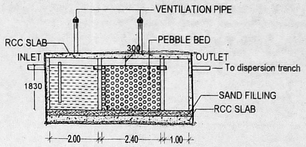


SECTION THROUGH SOLAR ENERGY SYSTEM GENERAL POWER
SCALE- N.T.S

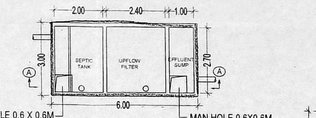
DESIGN OF SEPTIC TANK 10KLD - WITH UPFLOW FILTER

Design Data:-

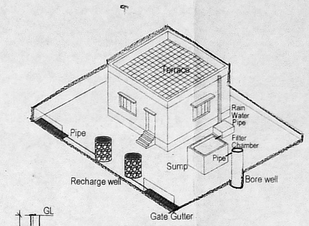
No of Dwelling Units	-	15 nos
No of Occupants	-	75 nos
Rate of water supply	-	135 lpcd
Water Consumption litres/day	-	10125
Assuming the detention time	-	18 hrs
Capacity of Tank	-	7590 L/D
Usage of Toilet for Visitors & Guests litres/day	-	750
Total Water Consumption litres/day	-	8340
Capacity of Tank	-	8340 L/D
Sludge storage capacity @ 15 L / person / year 75 x 15Litres/capita/year (8340+1125)	-	9465L/D



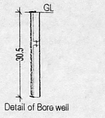
SECTION -AA



PLAN

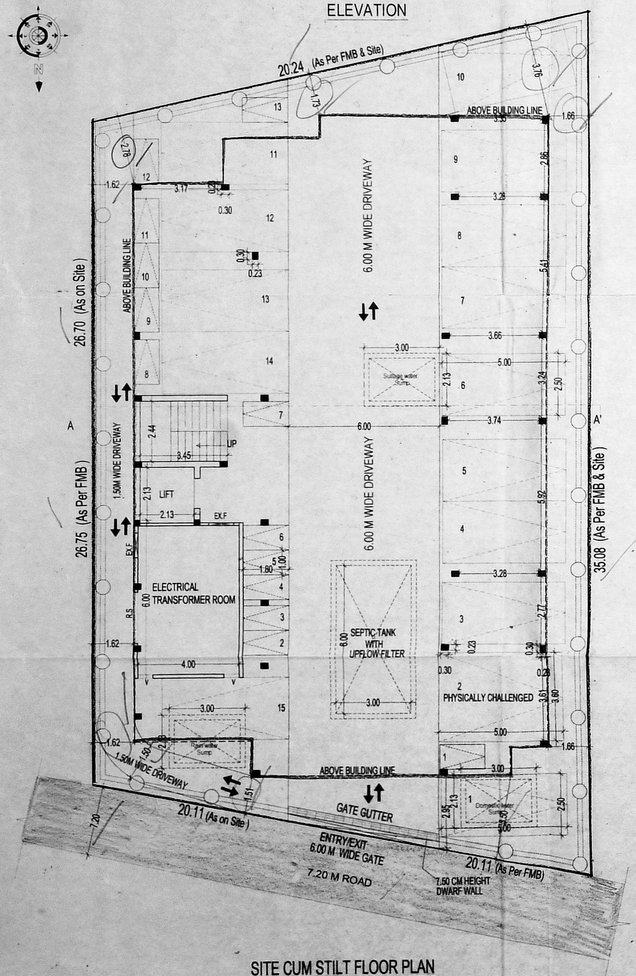


RAIN WATER HARVESTING - 1A



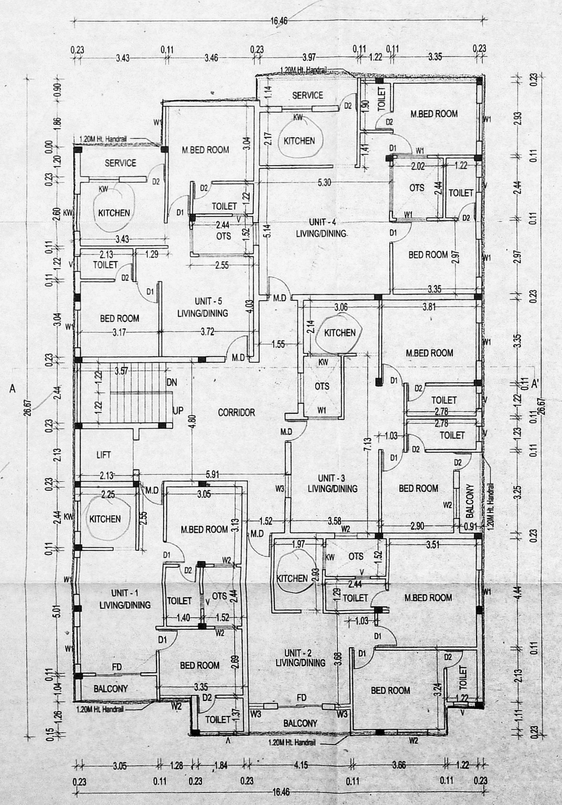
Detail of Bore well

ELEVATION

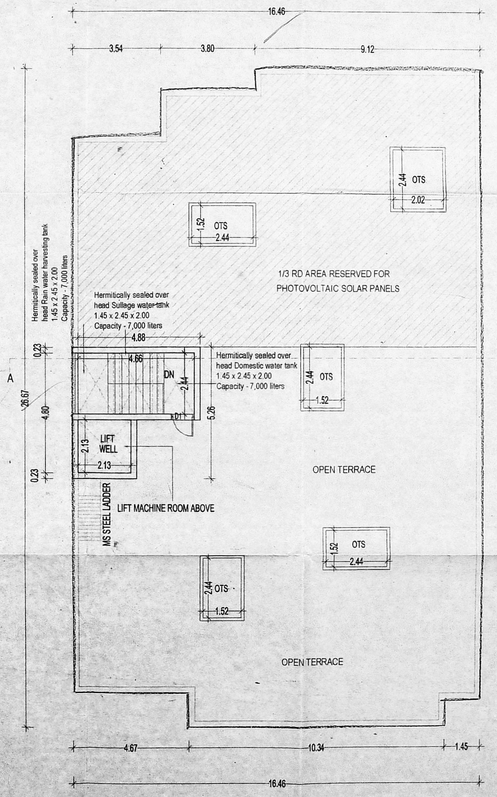


SITE CUM STILT FLOOR PLAN

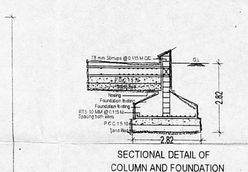
SECTION AA'



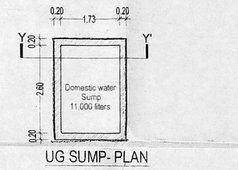
TYPICAL 1 ,2 & 3rd FLOOR PLAN



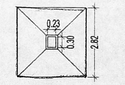
TERRACE FLOOR PLAN



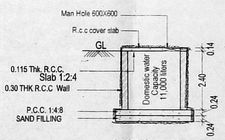
SECTIONAL DETAIL OF COLUMN AND FOUNDATION



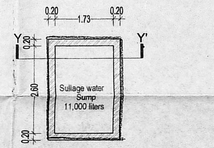
UG SUMP- PLAN
SCALE- N.T.S



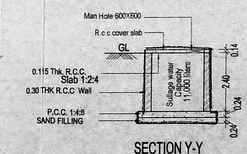
FOUNDATION DETAIL - PLAN
SCALE- N.T.S



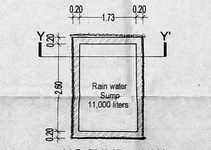
SECTION Y-Y



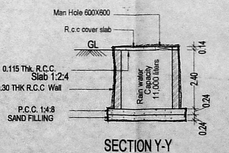
UG SUMP- PLAN
SCALE- N.T.S



SECTION Y-Y



UG SUMP- PLAN
SCALE- N.T.S



SECTION Y-Y

திருத்திய வரைபடம்
25/02/2021
நகர் ஊரமைப்பு இயக்குநர்

PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT+3 FLOORS RESIDENTIAL BUILDING WITH 15 DWELLING UNITS AT PLOT NO.2, AYANAMBAKKAM, CHENNAI.

அனுமதிக்கப்படுகிறது

COMPRISED IN S.NO.441/2B1PART OF AYANAMBAKKAM VILLAGE, POONAMALLEE TALUK, THIRUVERKADU MUNICIPALITY, THIRUVALLUR DISTRICT.

PP/NHRB/C/519/2020
உ. எண் .....
உதவியாளர்
கார்தநாய்வு
தி. உ. 22/02/2021
உ. நி. அ.
துணை அ

AREA STATEMENT

PLOT EXTENT :

AS PER FMB : 610.58 SQ.M
AS PER DOCUMENT : 610.58 SQ.M

FLOORS	FSI AREA
STILT FLOOR	26.94
FIRST FLOOR	397.82
SECOND FLOOR	397.82
THIRD FLOOR	397.82
TOTAL	1220.40

FSI ACHIEVED = 1220.40 / 610.58 = 1.999

PARKING PROVIDED

CAR PARKING : 15 NO'S
TWO-WHEELER PARKING : 13 NO'S

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE(M)
D1	DOOR	0.90 X2.10
D2	DOOR	0.76 X2.10
W1	WINDOW	1.50 X 1.20
W2	WINDOW	1.20 X 1.20
W3	WINDOW	0.90 X 1.20
KW	WINDOW	1.50 X 1.00
V1	VENTILATOR	0.60 X 0.60

COLOUR INDEX

PROPOSED :
SITE BOUNDARY :
ROAD :

STRUCTURAL ENGINEER :

E.S. KUMAR, M.Tech-structures
MDA. Structural Engineer-Grade-I
Reg. No: SE/GR-I/119/02/007
97-B/1, Dr. Abdul Kalam Stree
Ramakrishna Nagar, Melamaiyu
Chengalpattu - 603 003
Cell : 98 40 44 86 13

ARCHITECT

K. JAMAL MOHIDEEN, B.Arch.
Registered Architect-CA/93/07688
New No:15, 54th Street,
Ashok Nagar, Chennai-600 083.
CMDA Regn.No. RAIS/JI/19/02001
Mobile : 98400 98425
E-mail:rjarchitects@gmail.com

OWNER

For V.R. BUILDERS
Partner
Partner

CMDA Regn.No.RD/19/03/090

Scale - 1:100 | Sheet No. 1/1