திருத்திய வரைபடம் 2
நாள் 27.10.2017

அலுவலகப் படி

SPECIFICATION

FOUNDATION	
SUPER STRUCTURE	
WALLS	
FLOORINGS	
FINISHES	
ROOF	
WOOD WORK	

	SCHEDULE OF JOINERY	SIZES OF JOINERY [SQ.M]	[SQ.FT]
MD	T.W MAIN DOOR TO DETAIL	1.07Mx2.13M	3'6"X7'0"
D	C.W DOOR TO DETAIL	0.91MX2.13M	3'0"X7'0"
D1	C.W DOOR TO DETAIL	0.76Mx2.13M	2'6"X7'0"
W1	C.W GLAZED WINDOW TO DETAIL	1.22Mx1.37M	4'0"X4'6"
W	C.W GLAZED WINDOW TO DETAIL	1.83Mx1.07M	6'0"X4'6"
V	C.W GLAZED VENTILATOR TO DETAIL	0.61Mx1.37M	2'0"X2'0"

COLOUR INDEX

PROPOSED ROAD SITE

DESIGN OF SEPTIC TANK WITH UP FLOW FILTERS

OFFICE	:27 NOS
NO OF USERS	:27 X5 = 135 PERSONS
RATE OF WATER SUPPLY	:150 LPH/DAT
THEN FLOW OF SEWAGE PER DAY	:135X150 = 20250 LTS
DETENSION PERIOD IS	:18 HRS
TANK CAPACITY	:20250X18/24 = 15200 LTS
THE TANK IS TO BE CLEANED EVERY YEAR	
SO SLUDGE STORAGE CAPACITY AT THE	: 24X15 = 360 LTS
RATE OF 15 LTS PER PERSON PER YEAR	: 22500 + 360 = 22860
WITH PROVISION FOR FUTURE EXPANSION	: SAY 23000M
LET THE TOTAL TANK CAPACITY BE 22860 LTS SAY 23000 LTS	
SEPTIC TANK HAVING CAPACITY OF	: SAY 23000M
DEPTH OF LIQUID AS	: 2.0M
PLAN AREA OF THE TANK 21.0/2	: 10.50M
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	: 2.5M
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 100 X 0.45	: 1.5M
DEPTH 1.10 X 0.30	: 0.80M
PLAN AREA REQUIRED 10.5/0.8	: 3.6M
SIZE OF FINAL EFFVENT SUMP	: 2.50 X 2.0 X 2.0
UPFLOW FILTER NO:1	: 1.40 X 1.0 X 2.0
UPFLOW FILTER NO:2	: 1.40 X 1.0 X 2.0

AREA STATEMENT:

AS PER SITE AREA = 965.445-SQ.M
AS PER PATTA AREA = 810.00-SQ.M
SUPER IMPOSED AREA & LEAST AREA = 908.92-SQ.M

F.S.I

STILT FLOOR	–	–
FIRST FLOOR	337.30 SQM	
SECOND FLOOR	337.30 SQM	
THIRD FLOOR	337.15 SQM	
FOURTH FLOOR	337.15 SQM	
TOTAL	1348.90 SQM	

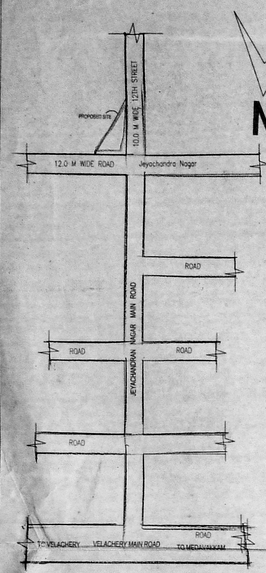
F S I = 1.492

THE PLAN SHOWING PROPOSED CONSTRUCTION OF COMMERCIAL (SHOP & OFFICE) BUILDING AT COMMERCIAL PLOT - C S , JEYACHANDRA NAGAR, 1ST MAIN ROAD, 12TH STREET, JALLADIYAMPETTAI CHENNAI 600100. IN S.NO: 236/340(as per patta) OF JALLADIYAMPETTAI VILLAGE, GREATER CHENNAI CORPORATION

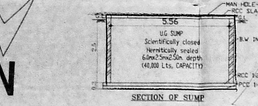
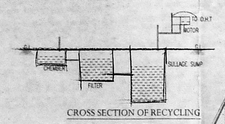
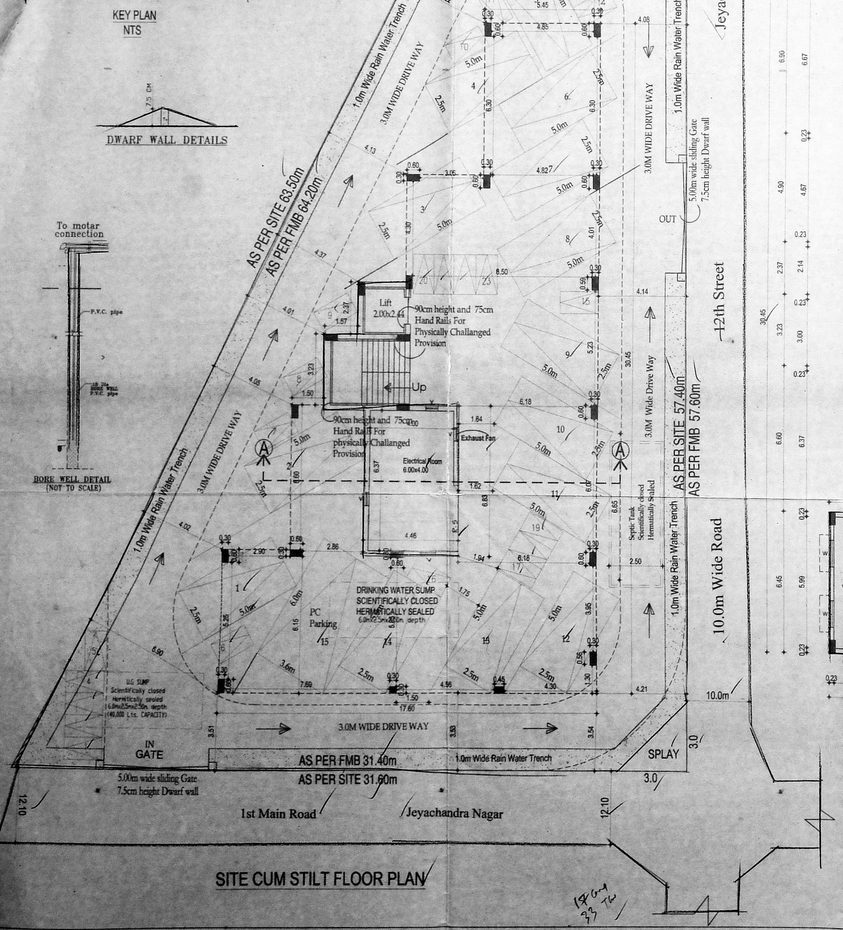
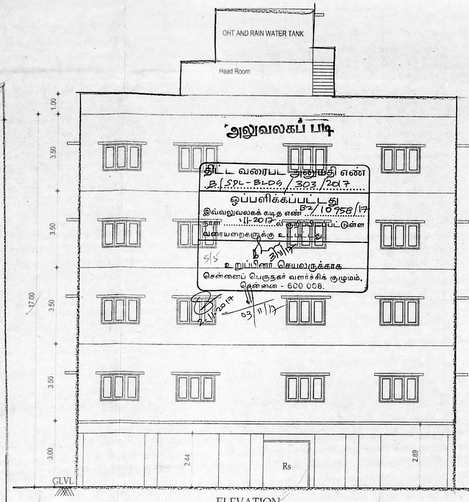
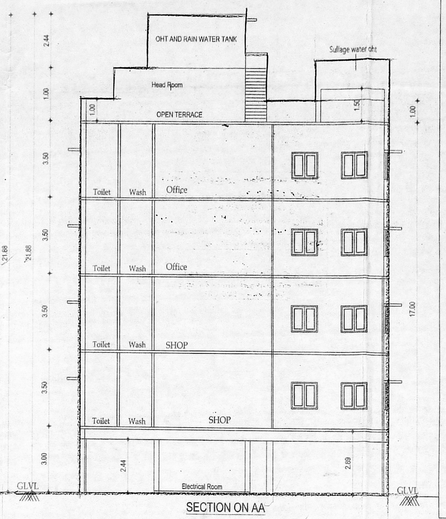
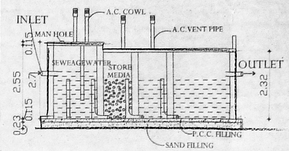
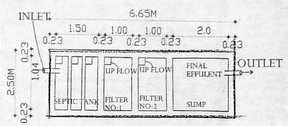
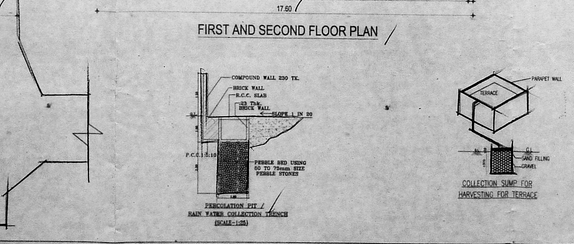
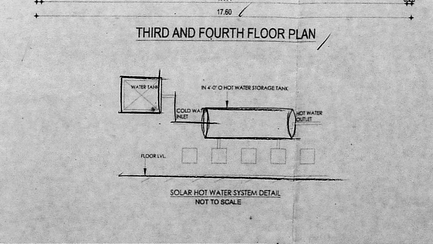
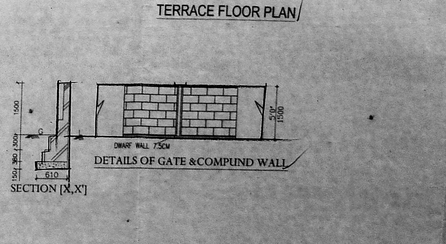
ZONE :XIV DIV:191

For JEYACHANDRAN LOGISTICS PVT. LTD.
S. Jeyachandran
Director
OWNER

M. RENGANATHAN B.E.,
Civil Engineer
Class I, Licenced Surveyor, No : 1875
CORPORATION OF CHENNAI
Office - No : 87/6, 1st Street,
1st Sector, K.K.Nagar, Chennai - 600 078.
Cell No : 98418 74114
LICENCED SURVEYOR



KEY PLAN
NTS

DWARF WALL DETAILS

BORE WELL DETAIL
(NOT TO SCALE)