அலுவலகப் பயன்
அனுமதி வரைபடம் - IV
நாள்: 8/1/2019

ELEVATION

SECTION -AA

SECTION -BB

SPECIFICATION:

1. FOUNDATION IN R.C.C. OVER P.C.C & SAND FILLING
2. BRICK WORK IN C.M.1:5 MIX
3. PLASTERING IN C.M. 1:3 MIX
4. ALL R.C.C WORK IN C.C. 1:2:4 MIX
5. FLOORING CONCRETE IN C.C. 1:4:8 MIX
6. FLOORING FINISHING WITH MOSAIC TILES
7. JOINERIES IN COUNTRY WOOD
8. FINISHING WITH COLOUR WASH

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12/3/2019

SCHEDULE OF JOINERY

S.NO	DESCRIPTION	IN FEET	IN METER
1	FD -DOOR	5'0"X7'0"	-1.50X2.13
2	D1 -DOOR	3'3"X7'0"	-1.00X2.13
3	D2 -DOOR	3'3"X7'0"	-1.00X2.13
4	W -WINDOW	5'0"X4'0"	-1.50X1.22
5	W1 -WINDOW	4'6"X4'0"	-1.30X1.22
6	V -VENTILATOR	2'6"X3'6"	-O.75X0.76

AREA STATEMENT :

	SQM
PLOT AREA (AS PER PATTA)	963.00
PLOT AREA (AS PER DOCUMENT)	930.76
ROAD WIDENING AREA	40.46
LEAST EXTENT	890.29

OVERALL AREA STATEMENT

FLOOR	FSI AREA	NON FSI AREA
		100%
STILT FLOOR	-	34.25
1st FLOOR	391.16	2.26
2nd FLOOR	391.16	2.26
3rd FLOOR	391.16	2.26
4th FLOOR	391.16	2.26
TOTAL	1564.64	43.29

TOTAL FSI ACHIEVED = 1.757

FSI = 1564.64 / 890.29 = 1.757

PARKING DETAILS

CAR PARKING REQUIRED

TOTAL NO OF CAR PAR REQUIRED = 14 NOS

TOTAL NO OF TWO WHEELER REQUIRED = 52 NOS

CAR PARKING PROVIDED

TOTAL CAR PARKING PROVIDED = 14 NOS

TOTAL TWO WHEELER PARKING PROVIDED = 52 NOS

COLOUR INDEX

PROPOSED

BOUNDARY

ROAD

PROJECT TITLE

PLAN SHOWING THE PROPOSED CONSTRUCTION OF BASEMENT FLOOR+STILT+4 FLOORS COMMERCIAL BUILDING (OFFICE) AT DOOR NO :158/21, 200FT ROAD PALLAVARAM TO THORAIPAKKAM RADIAL ROAD (MMRD ROAD), ZAMIN PALLAVARAM ,CHENNAI - 43. COMPRISED IN S.NO : 255/1B AND 255/2, T.S.NO : 34/2 AND 34/3 , WARD NO : D, BLOCK NO : 49 OF ZAMIN PALLAVARAM VILLAGE, PALLAVARAM MUNICIPALITY

ARCHITECT/LICENSED SURVEYOR

CA/2001/28563

APPLICANT

For Brilliant Corporate Services Pvt. Ltd.

Director

ALL DIMENSION IN METER

SCALE : 1:100 (1"=8'0") | SHEET NO: 1 / 1

BASEMENT FLOOR PLAN

SITE CUM STILT FLOOR PLAN

TYPICAL FLOOR PLAN
1st,2nd,3rd & 4th Floor

TERRACE FLOOR PLAN

SECTION 'X-X'

PLAN
RAIN WATER HARVESTING SUMP

PERCOLATION TRENCH

DETAIL BORE WELL

SECTION 'Y-Y'

PLAN
RECYCLING OF SULLAGE WATER SUMP

SOLAR HOT WATER SYSTEM DETAILS

PLAN
SOLID WASTE STORAGE SUMP

SECTION 'F-F'

SECTION 'Q-Q'

PLAN
U.G.SUMP FOR DRINKING WATER

KEY PLAN
NOT TO SCALE

DWARF WALL DETAILS

GATE ELEVATION DETAIL OF COMPOUND WALL

CROSS SECTION OF COMPOUND WALL

DESIGN OF SEPTIC TANK WITH TWO UPFLOW FILTERS:

NO. OF DWELLINGS	=8
NO. OF USERS	= 8@5=40 Persons
RATE OF WATER SUPPLY	=150 L/DAY
TWEN FLOW OF SEWAGE PER DAY	=40x150 = 6000 LTS
DETENSION PERIOD IS	18 HRS
TANK CAPACITY	=6000X18/24 = 4500LTS
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	=40O+360=4860 LTS
WITH PROVISION FOR FUTURE EXPANSION	
LET THE TOTAL TANK CAPACITY	
BE 5000 LTS	
SEPTIC TANK HAVING A CAPACITY OF	-5M³
DEPTH OF LIQUID AS	-1.8M
PLAN AREA OF THE TANK S/1.5	-3.3M²
THE RATIO OF LENGTH TO WIDTH OF TANK TO BE	-3
LENGTH X BREATH X 3M X HEIGHT	-3.33M²
BREATH OF TANK	-1.11M
LENGTH OF TANK	-3M
FREE BOARD OF THE TANK	-0.4M
TOTAL DEPTH OF THE TANK (1.5+0.4)	-1.9M
DISCHARGE FOR 40 PERSONS	-8000 LTS
VOLUME 8.89 x 0.60	-1.80M³
DEPTH 1.1/2 : 2/3	-0.80M
PLAN AREA REQUIRED 1.8/0.8	-1.80M²
SIZE OF FINAL EFFIENT SUMP	-1.11x0.5x1.5
UPFLOW FILTER NO 1	-1.11x0.5x1.5
UPFLOW FILTER NO 2	-1.11x1.5x1.5

SECTION

PLAN
UP FLOW FILTER