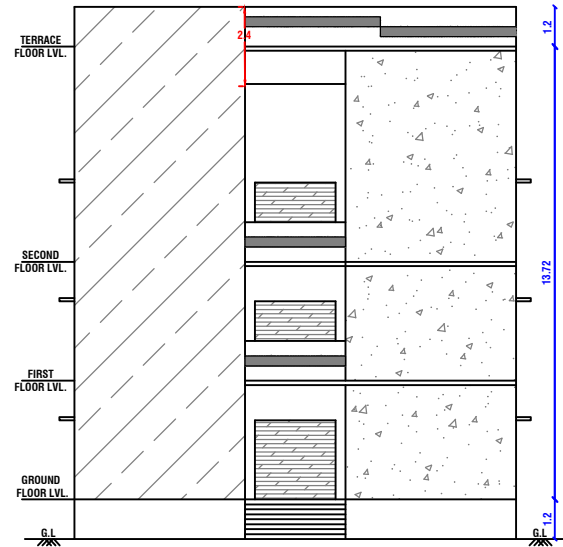
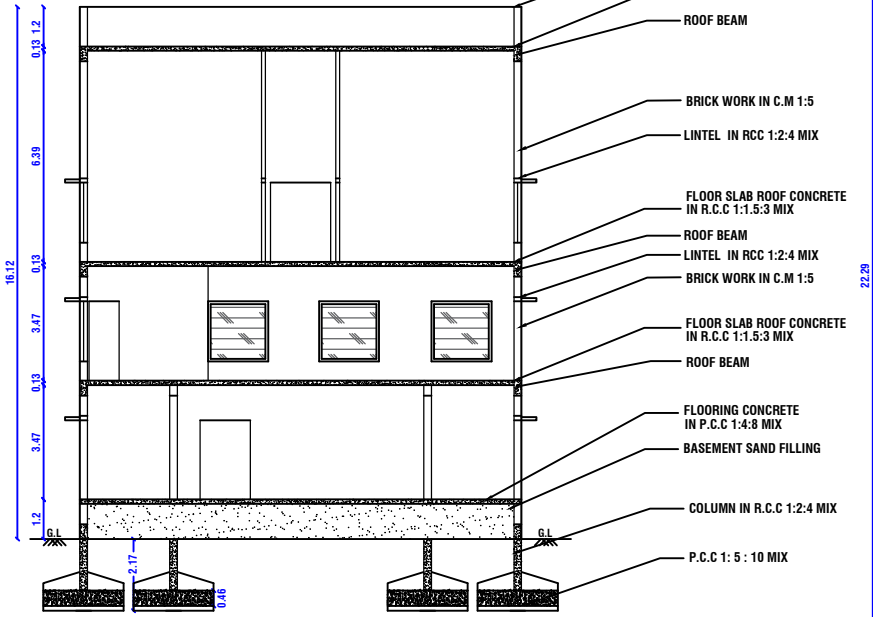


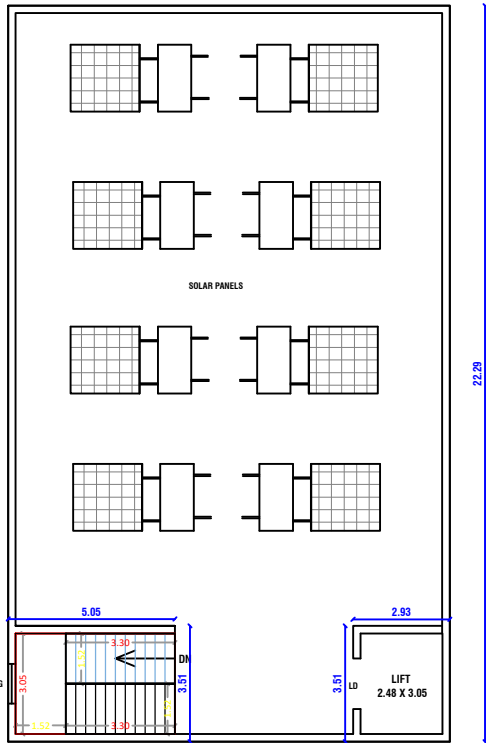
SCALE 1:100



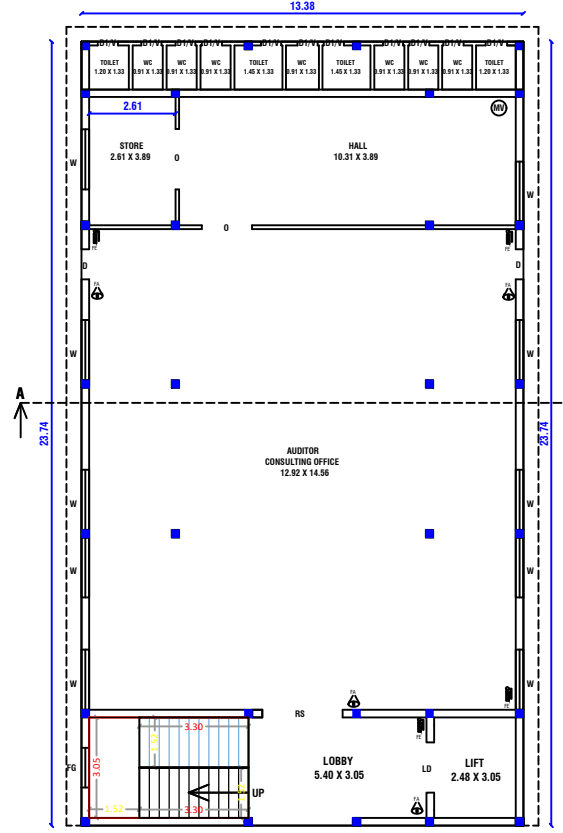
ELEVATION



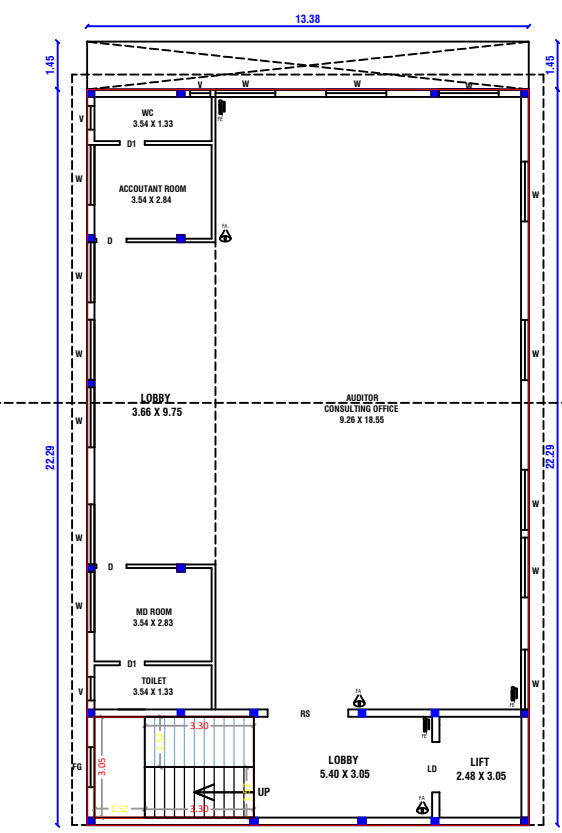
SECTION "A-A"



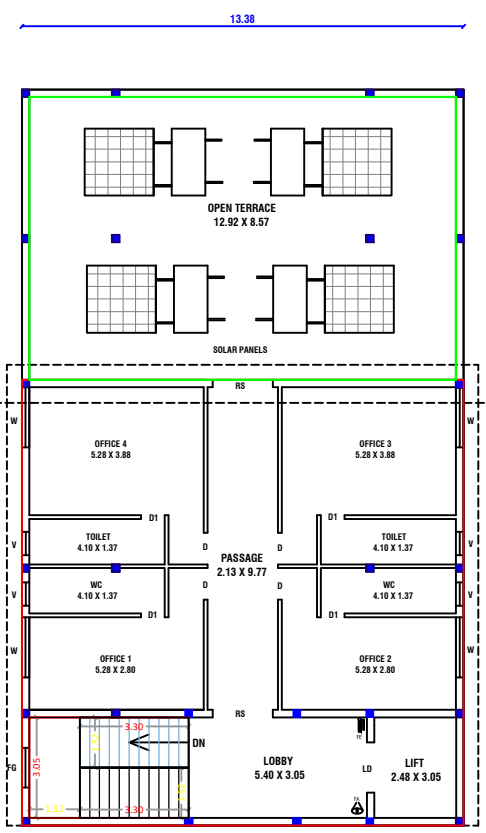
FLOOR - TERRACE
TERRACE FLOOR PLAN



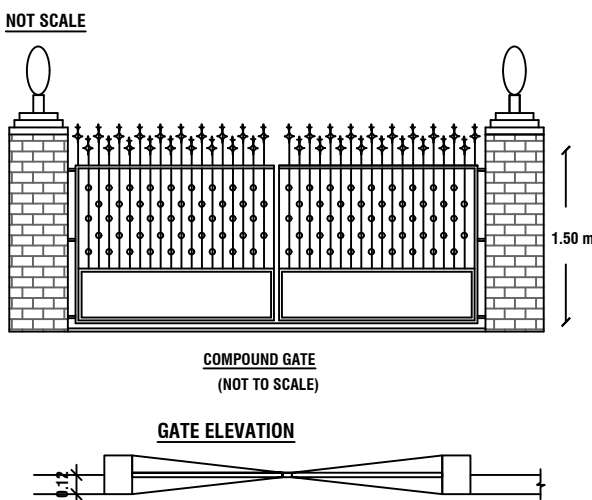
FLOOR - GROUND
GROUND FLOOR PLAN



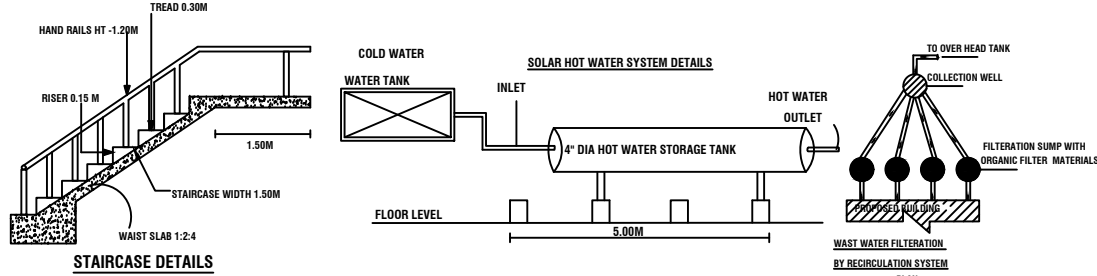
FLOOR - FIRST
FIRST FLOOR PLAN



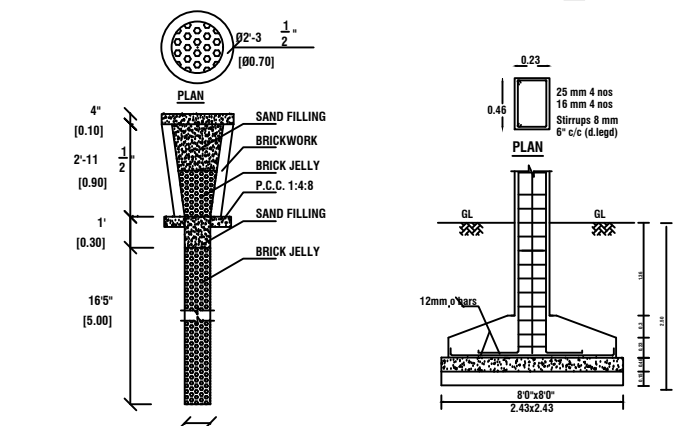
FLOOR - SECOND
SECOND FLOOR PLAN



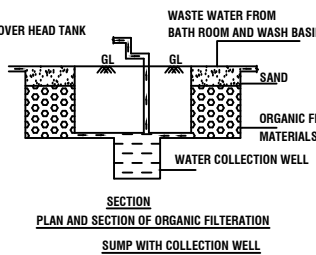
GATE ELEVATION



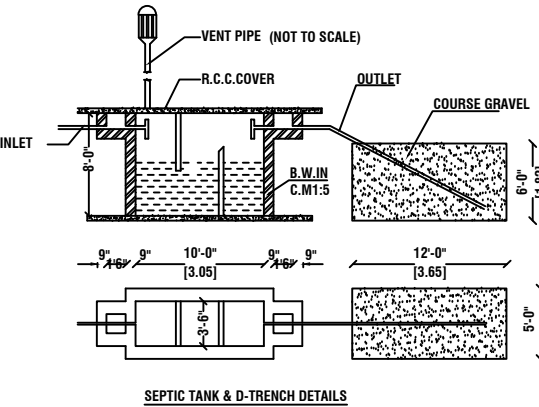
STAIRCASE DETAILS



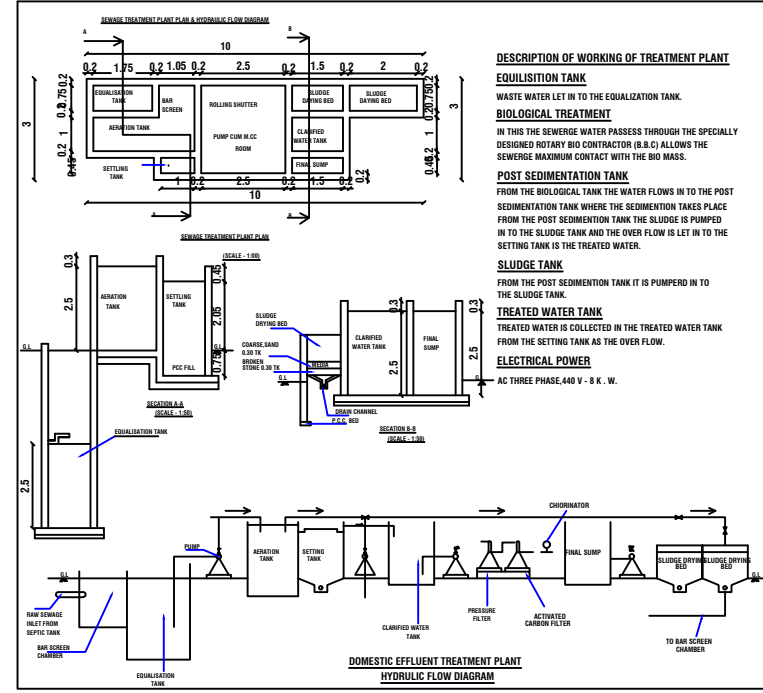
RAIN WATER HARVESTING
PERCOLATION PIT



PLAN AND SECTION OF ORGANIC FILTERATION
SUMP WITH COLLECTION WELL

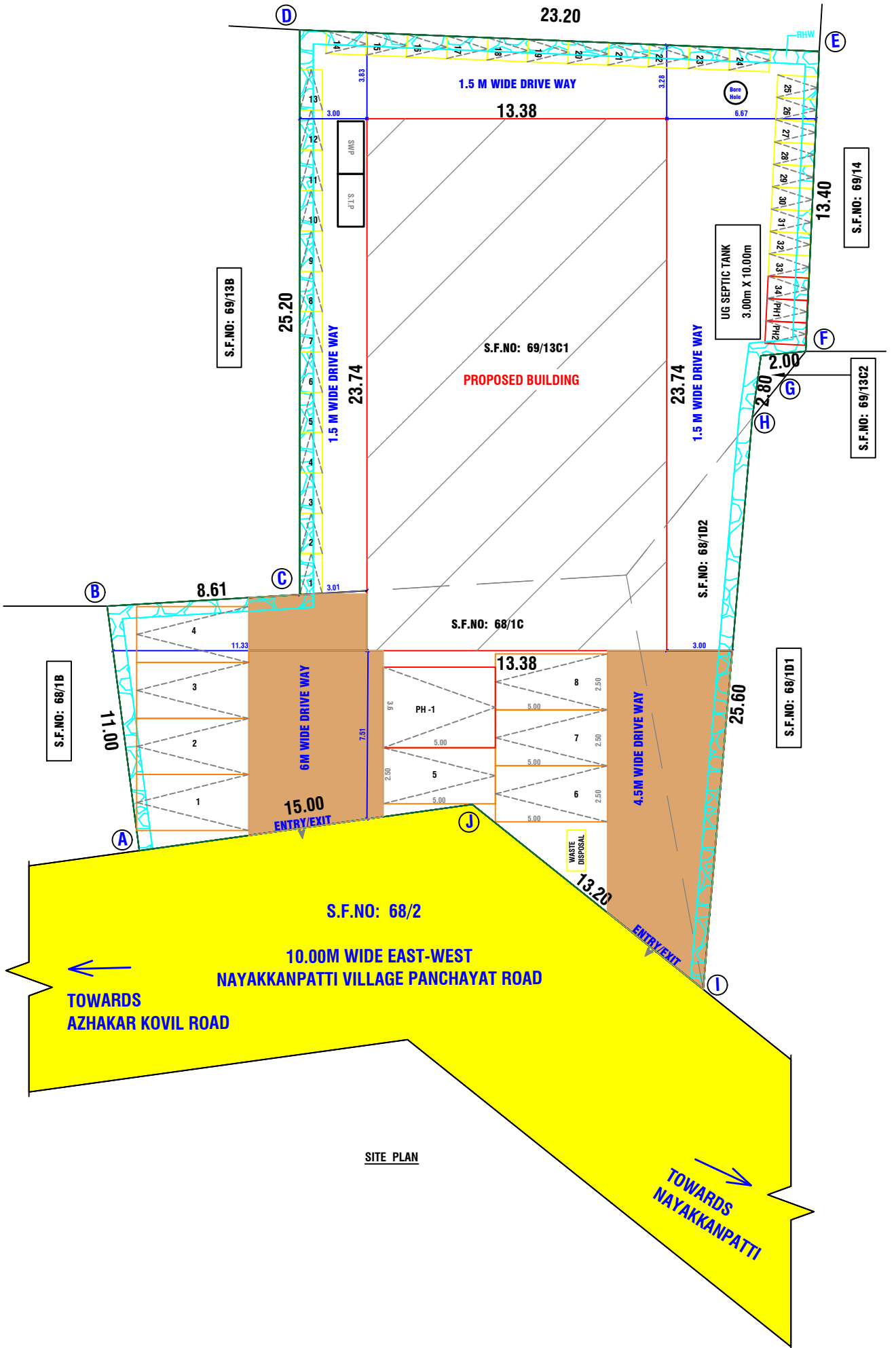


SEPTIC TANK & D-TRENCH DETAILS



DESCRIPTION OF WORKING OF TREATMENT PLANT
EQUILIZATION TANK
WASTE WATER LET IN TO THE EQUILIZATION TANK.
BIOLOGICAL TREATMENT
IN THIS THE WASTEWATER PASSED THROUGH THE SPECIALLY
DESIGNED BIOLOGICAL TREATMENT (B.T.) ALLOWING THE
BACTERIAL GROWTH CONTACT WITH THE BIO MASS.
POST SEDIMENTATION TANK
FROM THE BIOLOGICAL TANK THE WATER FLOWS IN TO THE POST
SEDIMENTATION TANK WHERE THE SEDIMENTATION TANK PLACE
FROM THE POST SEDIMENTATION TANK THE SLUDGE IS PUMPED
IN TO THE SLUDGE TANK AND THE OVER FLOW IS LET IN TO THE
SETTLING TANK IN THE TREATED WATER.
SLUDGE TANK
FROM THE POST SEDIMENTATION TANK IT IS PUMPED IN TO
THE SLUDGE TANK.
TREATED WATER TANK
TREATED WATER IS COLLECTED IN THE TREATED WATER TANK
FROM THE SETTLING TANK AS THE OVER FLOW.
ELECTRICAL POWER
AC THREE PHASE AND V - 8.8. W.

SCALE 1:100



SITE PLAN

SITE AND DETAIL PLAN

SCALE 1:100

PLAN SHOWING THE PROPOSED CONSTRUCTION OF A R.C.C. ROOF COMMERCIAL BUILDING FOR PROFESSIONAL CONSULTING OFFICE IN GROUND, FIRST AND SECOND FLOORS IN S.F.NO. 68/1C, 68/1D2 & 69/13C1, AT NAYAKKANPATTI VILLAGE, MADURAI EAST PANCHAYAT UNION AND MADURAI EAST TALUK, MADURAI DISTRICT.

SITE AREA DETAILS

SURVEY NO	AREA AS PER PATTI IN SQ.MT	REMARKS
68/1C	350.00	
68/1D2	64.00	
69/13C1	471.00	
TOTAL AREA	885.00	

AREA OF THE SITE AS PER DOCUMENT - 885 SQMT

AREA OF THE SITE AS PER SITE - 885 SQMT

BUILT UP AREA DETAILS

FLOOR CALCULATION	F.S.I. AREA in Sq.mt	NON F.S.I. AREA in Sq.mt	TOTAL BUILTUP AREA in Sq.mt
GROUND FLOOR	317.62	----	317.62
FIRST FLOOR	298.22	----	298.22
SECOND FLOOR	180.61	----	180.61
HEADROOM AND LIFT	----	28.00	28.00
TOTAL FLOOR	796.45		824.45

FLOOR SPACE INDEX	PERCENTAGE OF SITE COVERAGE	REFERENCE :-
FSI = $\frac{\text{FSI AREA}}{\text{TOTAL SITE AREA}} = \frac{796.45}{885} = 0.89$	$\frac{\text{TOTAL AREA OF GF}}{\text{SITE AREA}} \times 100 = \frac{317.62}{885} \times 100 = 35.88\%$	EXISTING ROAD SHOWN IN - --- BOUNDARY SHOWN IN - --- PRO-BUILDING SHOWN IN - --- DRIVEWAY - --- RAIN WATER PERCOLATION BED - ---
FSI = 0.89 < 2.00		

SCHEDULE OF JOINERIES:-	PARKING REQUIREMENTS:-
REFERENCE IN METER	PARTICULARS
RS ROLLING SHUTTER 2.44 X 2.40	CAR PARKING - REQUIRED
D DOOR 1.00 X 2.40	CAR PARKING - PROVIDED
D1 DOOR 0.91 X 2.40	TWO WHEELER PARKING - REQUIRED
LD LIFT DOOR 1.52 X 2.40	TWO WHEELER PARKING - PROVIDED
W WINDOW 1.82 X 1.82	
V VENTILATOR 0.91 X 0.61	

- NOTE:
- ALL DIMENSIONS ARE IN METER
 - EXHAUST FAN [MECHANICAL VENTILATION] TO BE PROVIDED
 - STORM WATER DRAINAGE SYSTEM PROVIDED.
 - RAIN WATER HARVESTING/CONSERVATION OF RAIN WATER STRUCTURES TO BE PROVIDED.
 - BATH AND WASH BASIN WATER TREATED AND REUSE TO TOILET AND GARDENING PURPOSE.
 - RAIN WATER RECYCLING SYSTEM TO BE PROVIDED.
 - FIRE PROTECTING AND FIRE EXTINGUISHER SYSTEM PROVIDE.
 - FE- FIRE SAFETY MEASURES PROVIDED.
 - FA- FIRE ALARM PROVIDED
 - EMERGENCY ALARM TO BE PROVIDE.
 - 1/3rd AREA OF THE TOTAL TERRACE AREA TO BE RESERVED FOR ERECTING SOLAR PHOTO VOLTAIC PANELS
 - LIGHTENING PROTECTION TO BE PROVIDED.
 - SOLAR ASSISTED WATER HEATING SYSTEM TO BE PROVIDED.
 - SOLID WASTE TUB TO BE PROVIDED.
 - SULLAGE WATER USE TO GARDEN PURPOSE.
 - DRINKING WATER FACILITIES AS PER CORPORATION NORMS PROVIDED.
 - INSTALLATION OF CCTV UNITS PROVIDED.
 - ACOUSTICS, SOUND INSULATION and NOISE CONTROL SYSTEM TO BE PROVIDED.

NAME OF THE OWNER :

Mr. S. SANTHANA KRISHNAN, S/o Mr. SANMUGAM.

REGISTERED ENGINEER

REGISTERED GEOTECHNICAL ENGINEER

REGISTERED STRUCTURAL ENGINEER

Er. M. Karunakaran
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