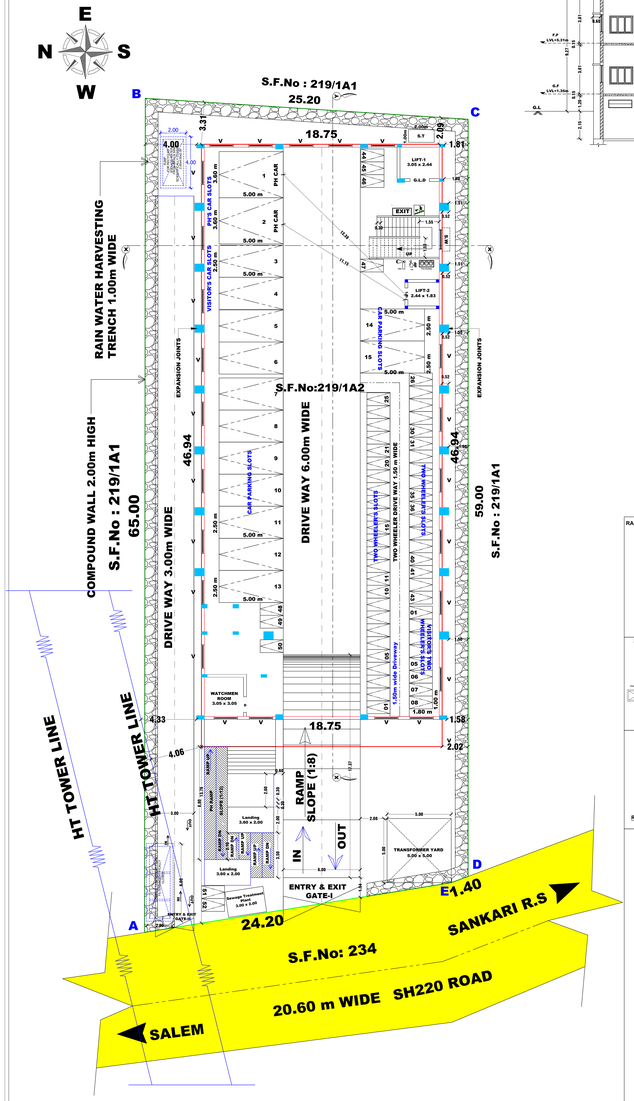
# PLAN SHOWING THE PROPOSED CONSTRUCTION OF R.C.C TERRACED ROOF COMMERCIAL PROFESSIONAL CONSULTING OFFICE ( BASEMENT,G+1 FLOORS) BUILDING IN S.F.No : 219/1A2 AT SANKARI VILLAGE AND TOWN PANCHAYAT , SANKARI TALUK, SALEM DISTRICT.

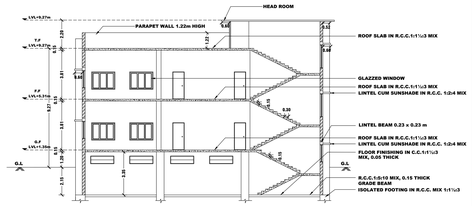
**APPLICANT :- Mrs.N.INDIRANI W/o Mr.A.NATESAN.**

## SITE PLAN

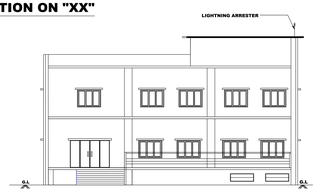
SCALE 1:100



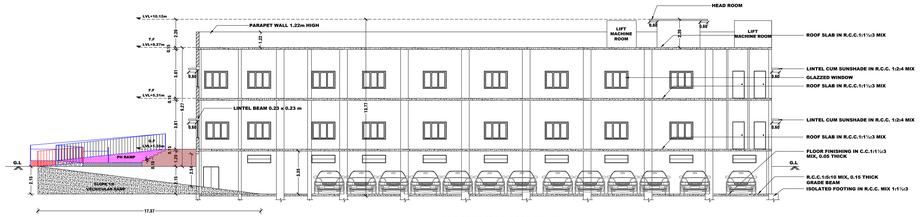

SITE CUM BASEMENT FLOOR PLAN



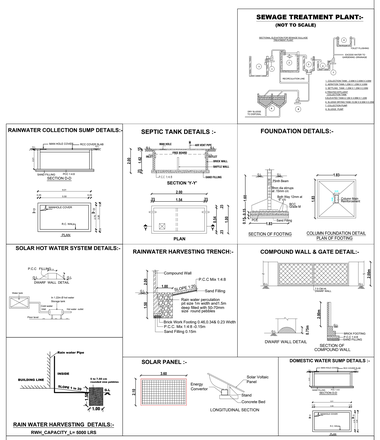

SECTION ON "XX"




FRONT ELEVATION




SECTION ON "YY"




**ONLINE APPLICATION NO : SWP/BPA/012851/2023**
**Site Boundary Shown as "A TO E " at**
**SITE APPROVAL NO:310/2023**
**BUILDING APPROVAL NO : SWP/DTCP/SLM/BP.NO.08/2023**

**( SWP- ONLINE APPROVAL )**

**ESIGNED BY**
**ASSISTANT DIRECTOR**
**DISTRICT TOWN AND COUNTRY PLANNING OFFICE**
**SALEM DISTRICT**

DESIGN OF UP-FLOW FILTER SEPTIC TANK

| | | |
|---|---|---|
| Total Area of the Floor | 2625.04 Sq.m | |
| Number of Users | 10 x 2 = 20 Nos. | |
| Total number of fixture units of fixture units per dwelling | 20 x 8 = 120 fpm | |
| Fixture units conversion factor of 8fpm fixture units | | |
| SEPTIC TANK | | |
| Surface volume required | 120x.92/10 | = 11.04 sq.m |
| Volume of tank | | |
| Volume of free board | : 11.04x0.30 | = 3.31 cu.m |
| Volume of sedimentation | : 11.04x0.30 | = 3.31 cu.m |
| Volume of digestion | : 50x0.032 | = 1.60 cu.m |
| Volume of sludge | : 50x3640.002 | = 3.65 cu.m |
| Total volume | : 11.87 cu.m | |
| Depth of septic tank | : 11.87/11.04 | = 1.07 m |
| Providing length : breadth | : 2.5 : 1 | |
| Size of septic tank | : 3.00x2.04x1.10 | |
| UP-FLOW FILTER | | |
| Capacity of 20 users | 20x0.045 | = 0.90 sq.m |
| Depth (assumed) | : 0.80 (minimum) | |
| Hence area of final effluent sump | : 0.90/0.80 | = 1.125 sq.m |
| Size of final effluent sump | : 2.00 x2.00 x1.10 | |
| Size of up-flow filter (1) | : 1.00 x1.00 x 0.80 | |
| Size of up-flow filter (2) | : 1.00 x 1.00 x 0.80 | |

Signature Not Verified

## AREA STATEMENT

SHEET No : 1 OF 1

| DESCRIPTIONS | | Sq.METER |
|---|---|---|
| SITE AREA :- | | |
| AS PER DEED AREA | 0.3865 ACRES | 1564.09 |
| AS PER PLR / FMB AREA | 15.64 ARES | 1564.00 |
| SUPER IMPOSED PLOT AREA | | 1564.00 |
| BUILDING AREA :- | | |

| FLOOR NAME | FSI AREA (IN Sq.m) | NON FSI AREA (IN Sq.m) | BUILTUP AREA (IN Sq.m) |
|---|---|---|---|
| BASEMENT FLOOR | --- | 880.12 | 880.12 |
| GROUND FLOOR | 880.12 | --- | 880.12 |
| FIRST FLOOR | 840.37 | --- | 840.37 |
| HEAD ROOM | --- | 24.43 | 24.43 |
| LIFT ROOM | --- | 16.81 | 16.81 |
| GRAND TOTAL | 1720.49 | 921.36 | 2641.85 |

FLOOR SPACE INDEX (F.S.I) :-

F.S.I AREA / PLOT AREA = 1720.49 / 1564.00 = 1.100 < 2

SCALE 1 : 100

ALL DIMENSIONS ARE IN 'METRE'

PLOT COVERAGE (P.C) :-

MAX FLOOR AREA AT ANY FLOOR / PLOT AREA x 100 = 880.12 / 1564.00 x 100 = 56.27 %

Fire Extinguisher(F.E)
Fire hydrant (F.H)
Fire pump (F.P)
Fire buckets (F.B)
Fire alarm (F.A)
Fire evacuation horn (F.E.H)
EXIT

## PARKING DETAILS

| DESCRIPTIONS | REQUIRED | PROVIDED |
|---|---|---|
| CAR SLOTS | 11 Nos. | 11 Nos. |
| TWO WHEELERS | 52 Nos. | 52 Nos. |
| VISITOR'S CAR SLOTS | 02 Nos. | 02 Nos. |
| VISITOR'S TWO WHEELERS | 08 Nos. | 08 Nos. |
| P.H CAR SLOTS | 02 Nos. | 02 Nos. |

COLOUR INDEX

- SITE BOUNDRY SHOWN
- PROPOSED BUILDING SHOWN
- DRIVEWAY SHOWN
- EXISTING ROAD SHOWN

## JOINERY DETAILS

| REFERENCE | DESCRIPTIONS | SIZE (IN METER) |
|---|---|---|
| D | DOOR | 1.22 x 2.13 |
| D1 | DOOR | 0.91 x 2.13 |
| S.D | SWING DOOR | 0.91 x 2.13 |
| M.D | ENTRANCE DOOR | 1.52 x 2.13 |
| G.D | GLAZZED DOOR | 1.22 x 2.13 |
| LD | LIFT DOOR | 0.91 x 2.13 |
| GLD | GOODS LIFT DOOR | 1.50 x 2.13 |
| W | WINDOW | 1.83 x 1.52 |
| SW | STAIR WINDOW | 1.83 x 1.52 |
| V | VENTILATOR | 1.83 x 0.60 |
| V1 | VENTILATOR | 0.91 x 0.60 |

**APPLICANT:-**

N.Indirani

**REGISTERED ENGINEER:-**

Er. A. SOUNDAR RAJAN, B.E. M.E.,(Struct).
RDO SALEM/RE-II/Reg.No.8012009
G.V. VISUAL CREATIONS,
BUILDING CONTRACTOR & PROMOTERS.
Suthari Complex 1st Floor,
Junction Main Road, Near Sona College,
Salem - 636 005. Cell: 9578270663

**STRUCTURAL ENGINEER:-**

Er. A. SOUNDAR RAJAN,B.E.,M.E.,(Struct).
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