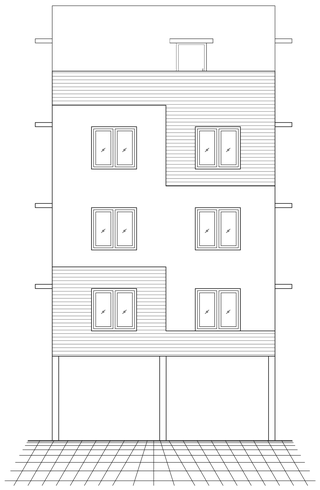
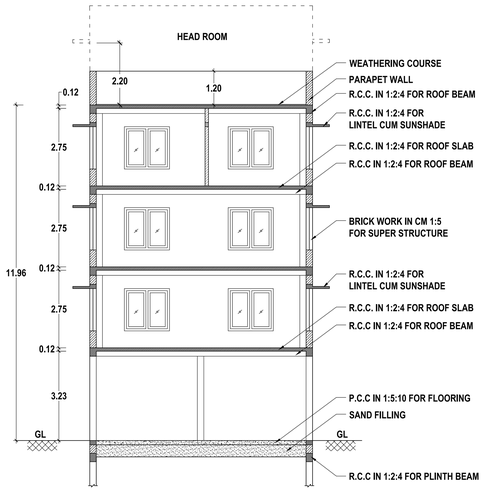
PLAN SHOWING THE PROPOSED CONSTRUCTION OF A BUSINESS OFFICE WITH STAFF QUARTERS BUILDING AFTER DEMOLISHING THE EXISTING BUILDING BEARING DOOR NO. 102/5A/1, (OLD SANKARAPERI VILLAGE S.NO. 58/1) T.S.WARD NO. 4, BLOCK NO. 32A, T.S.NO. 4132/1A1A4/5 & 4132/1A1B1/3 AT POLEPETTAI, TOWN PLANNING SCHEME - 'D', THOOTHUKUDI CITY MUNICIPAL CORPORATION, NORTH ZONE.

OWNER NAME: Mr. S. MARIAPPAN



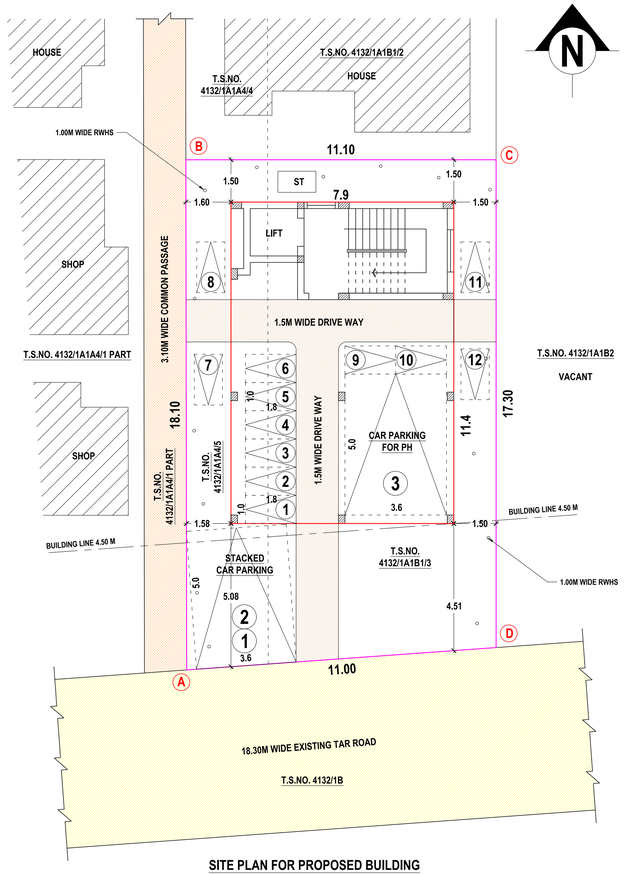
ELEVATION



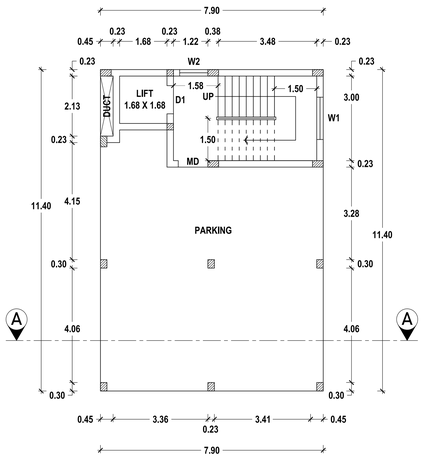
SECTION: A-A

TOPO PLAN

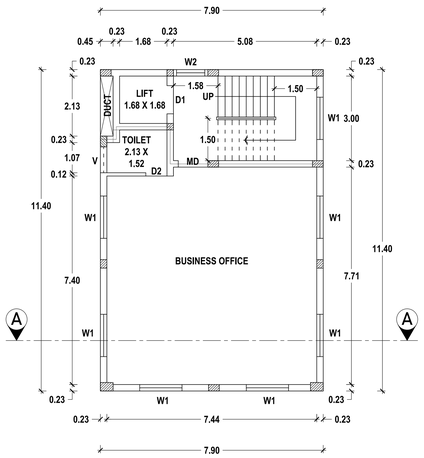
SCALE - 1:1000



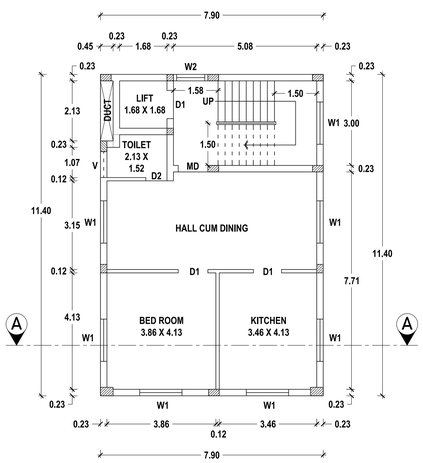
SITE PLAN FOR PROPOSED BUILDING



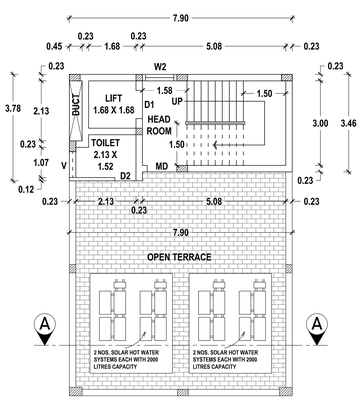
STILT FLOOR PLAN



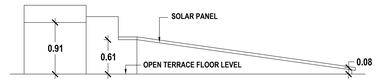
FIRST & SECOND FLOOR PLAN - TYPICAL

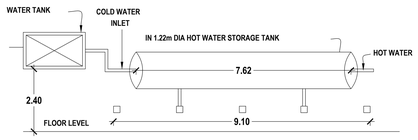


THIRD FLOOR PLAN

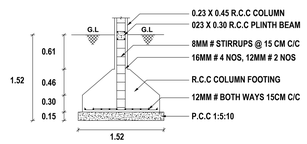


TERRACE FLOOR PLAN

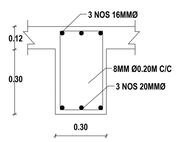




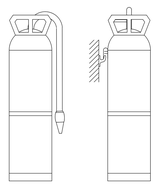
DETAILS OF SOLAR WATER HEATING SYSTEM



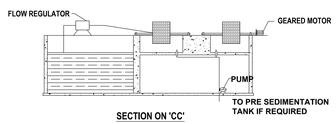
COLUMN FOOTING DETAILS



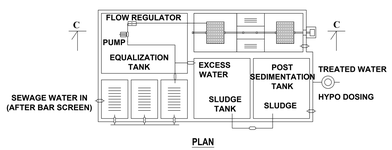
ROOF BEAM DETAILS



FIRE EXTINGUISHER

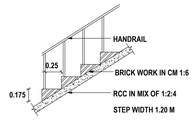


SECTION ON 'CC'

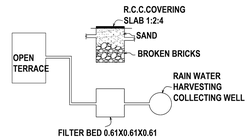


PLAN

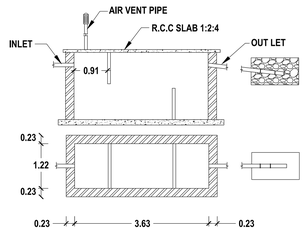
DETAILS OF SEWAGE TREATMENT PLANT



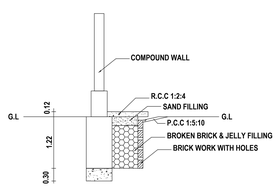
STAIRCASE DETAILS



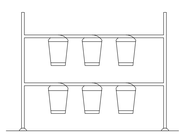
DETAILS OF RAIN WATER HARVESTING SYSTEM



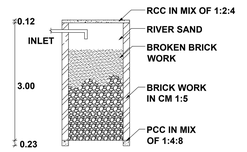
SEPTIC TANK & TRENCH



PLINTH BOUNDARY PERCOLATION PIT



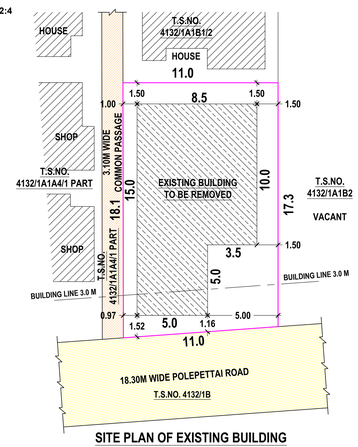
SAND BUCKETS



SECTION

PLAN

PERCOLATION PIT



SITE PLAN OF EXISTING BUILDING TO BE REMOVED

SCALE - NTS

$$FSI = \frac{\text{TOTAL AREA OF ALL FLOORS}}{\text{PLOT AREA}} = \frac{270.18}{194.00} = 1.39 < 2.00$$

BUSINESS OFFICE BUILDING PARKING DETAILS

1 CAR SPACE FOR EVERY 100.00 Sq. M OF FLOOR AREA

1 TWO WHEELER SPACE FOR EVERY 25.00 Sq. M OF FLOOR AREA

RESIDENTIAL BUILDING PARKING DETAILS

FLOOR AREA FROM 50.00 Sq. M TO 75.00 Sq. M - 1 TWO WHEELER SPACE

FLOOR AREA ABOVE 75.00 Sq. M - 1 CAR SPACE

PARKING DETAILS FOR BUSINESS OFFICE BUILDING

DESCRIPTION	CALCULATION	REQUIRED	PROVIDED
BUSINESS OFFICE	180.12 / 100	2 CARS	3 CARS AND 12 TWO WHEELERS
	180.12 / 25	8 TWO WHEELERS	
STAFF QUARTERS	66.65	1 TWO WHEELER	
	10% FOR VISITOR'S PARKING	1 CAR AND 1 TWO WHEELER	

NOTE: ALL DIMENSIONS ARE IN METER

SCHEDULE OF JOINERIES

REF	DESCRIPTION	SIZE (in meter)
MD	MAIN DOOR	1.05 X 2.10
D1	DOOR	1.00 X 2.10
D2	DOOR	0.75 X 2.10
W1	GLAZED WINDOW	1.50 X 1.50
W2	GLAZED WINDOW	1.00 X 1.50
V	VENTILATOR	1.00 X 0.60

DESCRIPTION	COLOUR
SITE BOUNDARY	
PROPOSED BUILDING	
OPEN SPACE	
EXG. BUILDING	
EXG. BUILDING TO BE REMOVED	
COMMON PASSAGE	
DRIVE WAY	
EXG. ROAD	

CERTIFICATE

1. CERTIFIED THAT PROVISIONS SHALL BE MADE TO BE PROVIDE "RAIN WATER HARVESTING SYSTEM" IN THE PROPOSED CONSTRUCTION AS PER PLAN.
2. BATH ROOM AND WASH BASIN WATER IS CONNECTED TO PERCOLATION PIT FOR GROUND WATER RECHARGE.

OFFICE USE:

TECHNICAL CLEARANCE

ROC. NO. SWP/BPA/009448/2023

SITE BOUNDARY SHOWN AS "A TO D"

TECHNICAL CLEARANCE NO. 27/2023 (SWP/TUTY)

SCALE - 1:100

AREA DETAILS

DESCRIPTION	FSI AREA	NON FSI AREA	AREA in Sq. M	AREA in Sq. Ft
AREA OF THE SITE	- - - -	- - - -	194.00	2088.22
PROPOSED AREA				
STILT FLOOR	- - - -	90.06	90.06	969.41
FIRST FLOOR	90.06	- - - -	90.06	969.41
SECOND FLOOR	90.06	- - - -	90.06	969.41
THIRD FLOOR	90.06	- - - -	90.06	969.41
TERRACE FLOOR	- - - -	23.53	23.53	253.28
TOTAL	270.18	113.59	383.77	4130.92
OPEN SPACE	- - - -	- - - -	103.94	1118.81
EXG. BUILDING TO BE REMOVED	- - - -	- - - -	110.00	1184.04

AREA DETAILS AS PER DOCUMENT

SL. NO.	DOC. NO. & YEAR	SURVEY NUMBER	AREA in Sq. M	AREA in Acre
1.	4812/2021	4132/1A1A4/5	142.00	0.035
2.		4132/1A1B1/3	52.00	0.013
TOTAL			194.00	0.048

LAND AND BUILDING OWNER

L.DOMINIC CELESTINE HAMILTON
MATERIAL TESTING PVT. LTD
REGD. No. 2011/33/028/0317/DHDA/1
93-1/8, ASHOK NAGAR 3RD STREET,
TUTICORIN - 628 008.
Ph: 0461-2311367 Fax: 0461-2312368

REGISTERED GEO-TECH ENGINEER

Er.S.K.Arun Kamaraj M.E.(Struct.),MBA.,MIE.,
Chartered Structural Engineer,
Reg: CBELPA-LPA/SE/GR-I/19/05/051
KAARVENS Structural Consultancy,
41, BR Nagar, 3rd Street, Kothari layout,
Ramanathapuram, Coimbatore - 641005.
E: skarun@kaarvens.com W: www.karvens.com
M: +91-9894215019, O: +91-8270005019

REGISTERED STRUCTURAL ENGINEER

S. SURESH KUMAR, B.E.,M.I.E.,F.I.V.,
Chartered Engineer, Approved Valuer,
Consulting Engineer, Registered Engineer Gr. I,
RE / Gr. I / TUT / May 2019 / 001,
District Panel Engineer Class IA,
Licensed Builder and Surveyor,
28, 1st Floor, Tooveypuram 5th Street,
Thoothukudi - 628 003.

REGISTERED ENGINEER

Signature Not Verified
Digitally signed by Arun Kumar
Location: Tuticorin
Date: 2023.12.27 12:12:12 IST