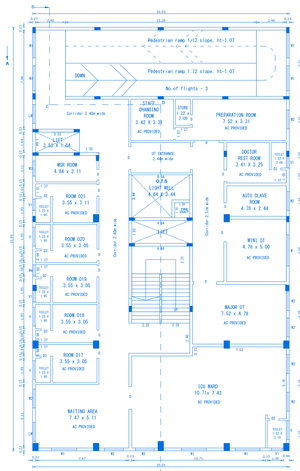
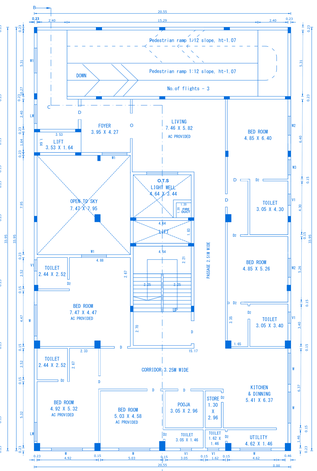
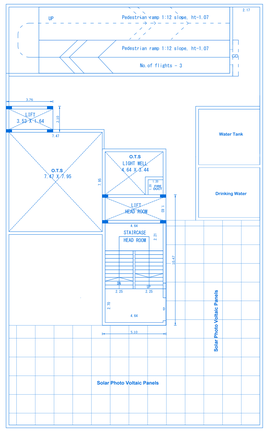


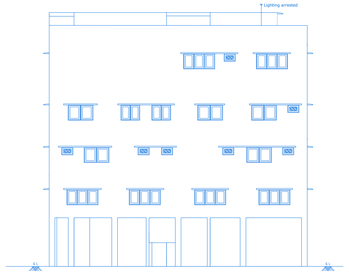
THIRD FLOOR PLAN



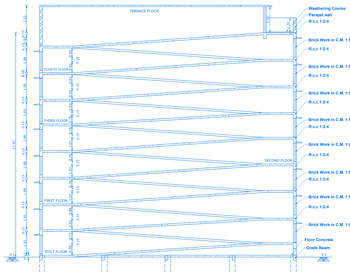
FOURTH FLOOR PLAN



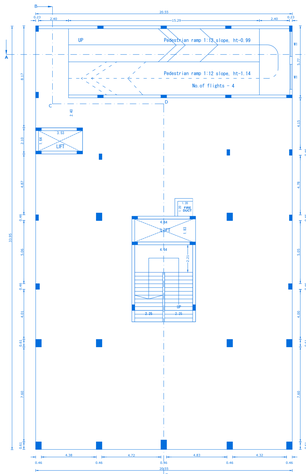
TERRACE FLOOR PLAN



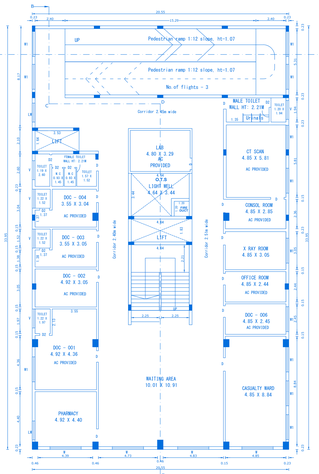
ELEVATION



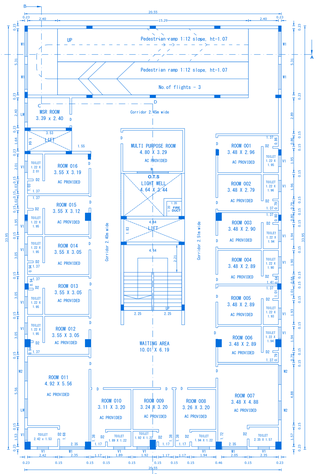
SECTION ON AA



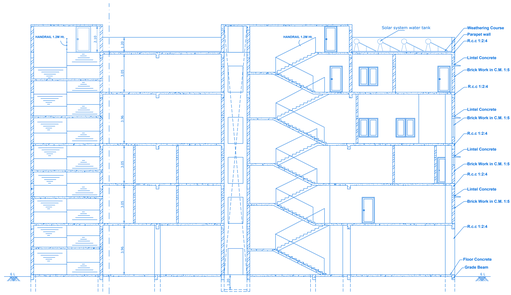
STILT FLOOR PLAN



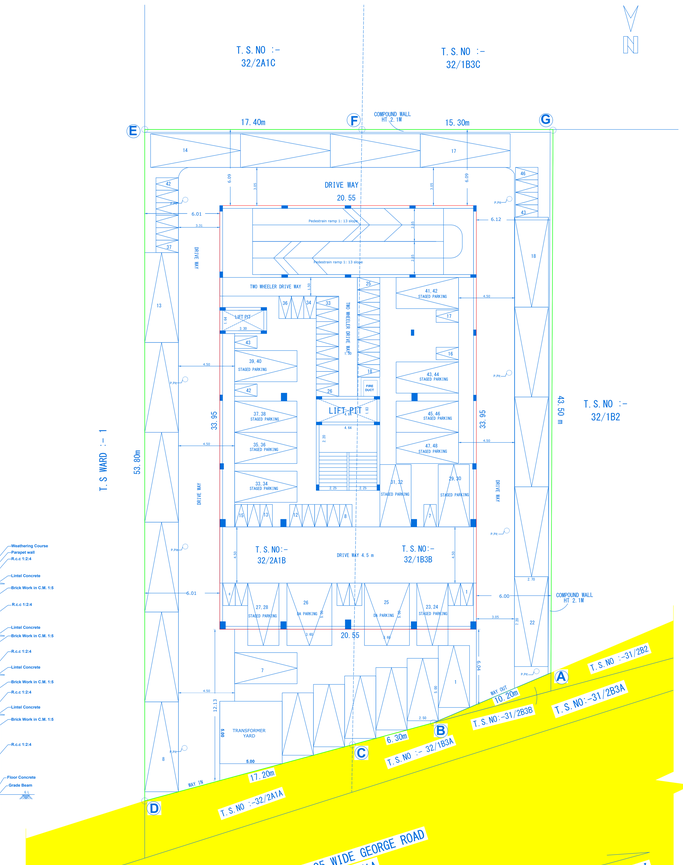
FIRST FLOOR PLAN

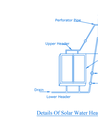


SECOND FLOOR PLAN



SECTION ON BCDE





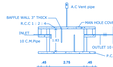
Details Of Solar Water Heater (NTS)

WATER SUMP

Section on AB

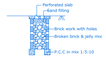
SAND BUCKETS DETAILS

FIRE EXTINGUISHER CYLINDER



SEPTIC TANK AND TRENCH

PLINTH BOUNDARY PERCOLATION PIT
SCALE (1:50)



PERCOLATION PIT FOR 30 Sq. m.
(NOT FOR SCALE)

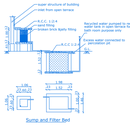
Compound Wall Detail
SCALE (1:50)

COLUMN DETAIL
SCALE (1:50)

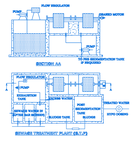
Sectional Plan
Beam VS Beam
NOT FOR SCALE

STAIR

RAINWATER HARVESTING



Sump and Filter Bed



SEWAGE TREATMENT PLANT (STP)

PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL AND RESIDENTIAL BUILDING IN T.S NOS:- 32/1B 3B, 32/2A 1B, T.S WARD NO:- 2, BLOCK NO:- 2, GEORGE ROAD, THOOTHUKUDI CITY MUNICIPAL CORPORATION, THOOTHUKUDI LOCAL PLANNING AUTHORITY, THOOTHUKUDI TALUK, THOOTHUKUDI DISTRICT.

APPLICANT'S NAME :- 1) Dr. M. MATHAN, S/O Dr. MANAVALAN,
2) Dr. G. BHARATHI, W/O Dr. M. MATHAN.

ALL DIMENSIONS ARE IN METRE, SCALE 1 : 100

DTCP Online Application No: SWP/BPA/011054/2023 Dt:26/06/2023

AREA DETAILS:-		Sq.Mt	Sq.Ft
SITE AREA (As Per Patta)	(ABCDEFG)	1611.00	17341
PRO. STILT FLOOR AREA (PARKING)		697.67	7510
PRO. FIRST FLOOR AREA (HOSPITAL)		681.71	7338
PRO. SECOND FLOOR AREA (HOSPITAL)		681.71	7338
PRO. THIRD FLOOR AREA (HOSPITAL)		681.71	7338
PRO. FOURTH FLOOR AREA (HOUSE)		622.25	6698
PRO. LIFT PIT & HEAD ROOM AREA		61.29	660
OPEN SPACE AREA		913.33	9831
Total Pro. Building Area In STILT,F, F,F, S,F, T,F,F,F & H.R		3426.34	36882

Legends :

- SITE BOUNDARY
- PRO. BUILDING
- EXG. ROAD

SITE AREA DETAILS:-

As Per Document Area:
Site Area = 1618.94 Sq.Mt

As Per Patta Area:
S.NO:32/2A1B = 879.00 Sq.Mt
S.NO:32/1B3B = 732.00 Sq.Mt
= 1611.00 Sq.Mt

Area Details :-	FSI (Sq.Mt)	Non FSI (Sq.Mt)	Total (Sq.Mt)
Pro. Stilt Floor Area	-----	697.67	697.67
Pro. First Floor Area	681.71	-----	681.71
Pro. Second Floor Area	681.71	-----	681.71
Pro. Third Floor Area	681.71	-----	681.71
Pro. Fourth Floor Area	622.25	-----	622.25
Pop. Lift & Head Room	-----	61.29	61.29
Total Area	2667.38	758.96	3426.34

FLOOR AREA CALCULATION

F.F + S.F + T.F + F.F = 681.71 + 681.71 + 681.71 + 622.25 = 2667.38

Site Area = 1611.00

1611.00 = 1.655 < 2.00

PARKING CALCULATION:- (HOSPITAL BUILDING)

Every 50 Sq.Mt = 1 Car Space (2.5m X5.0m) & 1 Two Wheeler (1.0m X1.8m)

TOTAL FSI AREA = F.F + S.F + T.F
= 681.71 + 681.71 + 681.71
= 2045.13 Sq.Mt
= 2045.13 / 50 = 41 Nos.

Hospital Required Parking = 41 Cars & 41 Two Wheeler
(Including 2 Physically Challenged (Car Parking & Two Wheeler)

PARKING CALCULATION:- (RESIDENTIAL BUILDING)

Every 300 Sq.Mt = 2 Car Space (2.5m X5.0m) & 2 Two Wheeler (1.0m X1.8m)

TOTAL FSI AREA = FOURTH FLOOR
= 622.25 Sq.Mt

Residential Required Parking = 6 Cars & 6 Two Wheeler

PARKING	REQUIRED	PROVIDED
CAR	47	47
TWO WHEELER	43	52

JOINERY DETAILS:-

D	-	Door	1.07 x 2.10
D2	-	Door	0.76 x 2.10
G.D	-	Grill Door	1.22 x 2.10
W	-	Window	2.50 x 1.22
W1	-	Window	2.00 x 1.22
W2	-	Window	1.52 x 1.52
W3	-	Window	1.22 x 1.22
W4	-	Window	0.91 x 1.52
V	-	Ventilator	1.52 x 1.00
V1	-	Ventilator	0.91 x 0.61
LW	-	Louver Window	1.52 x 1.52

SANITATION REQUIREMENTS FOR HOSPITAL

Sanitary Unit/ Fittings	Required	Available	
Male Water Closet	1	11	OK
Female Water Closet	2	2	OK
Drinking Water Fountain	1	1	OK
Wash Basin	1	3	OK
Abultion Taps	13	16	OK
Urinals	3	3	OK

Office use

PLANNING PERMISSION
ROC.NO: SWP/BPA/011054/2023
SITE BOUNDARY SHOWN AS "A TO G"
PLANNING PERMISSION NO. 35/2023 (SWP/TUTY)

Er. P. SIVAKUMAR DCE., B.E.,
Reg. Construction Engineer
RCE/TV/December/2019/034
S.S. CONSTRUCTIONS
154A3, Kovilpatti Madurai Road,
THACHANALLUR - 627 355.

Construction Engineer

Er. M. RAMKUMAR M.E.,
Registered Structural Engineer Grade - I
Regn No: RSE - I/TNDTCP-DEC/HO/2022
MR Engineering Constructions
163, Chinnadhadiyan Street,
KOVILPATTI - 628 501.
Cell : 89403 33103

Structural Engineer

Applicant

Er.G.Manoj Kumar B.E(Civil) M.E(Geotech)
Registered Geotechnical Consultant
GTE/19/03/012-CMQA & GTE/TV/A/01/2019-DTCP
GLOBE GEOTECHNIQUES
Cell : 9445315710 & 6383638653
Email: globegeotechniques@gmail.com

Registered Geotechnical Engineer

Er.M.MUTHURAJ. B.E.,
Registered Engineer-Grade-I
Regn. No:-RE-2/TKDTCP/June/12823
S.M.BUILDERS
D.No-27A, Ettayapuram Road,
Near Veterinary Hospital,
Kovilpatti - 628501, Mob-9500309904.

Registered Engineer / Architect

Signature Not Verified
Digitally signed by
Date: 2023.06.26
Time: 17:09:10