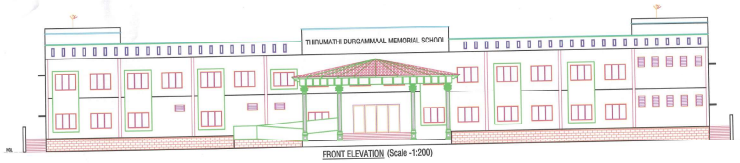
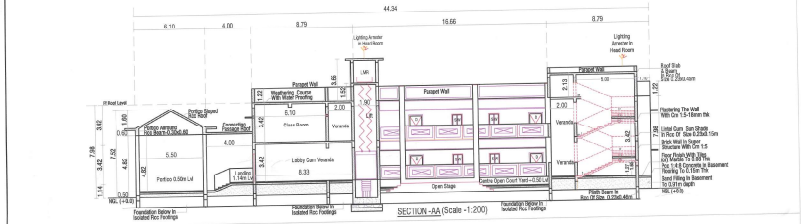
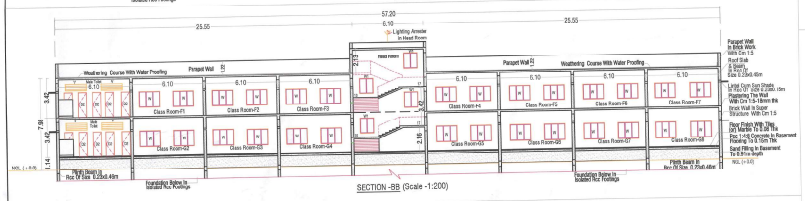
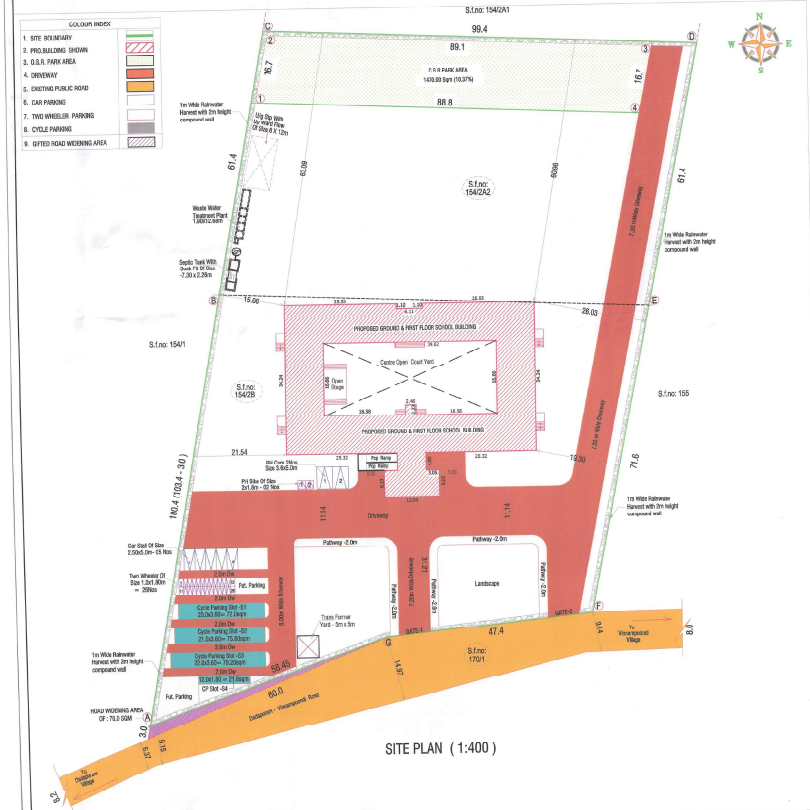
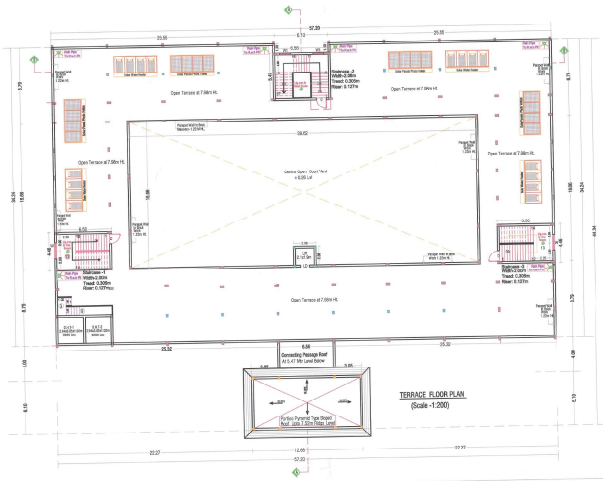
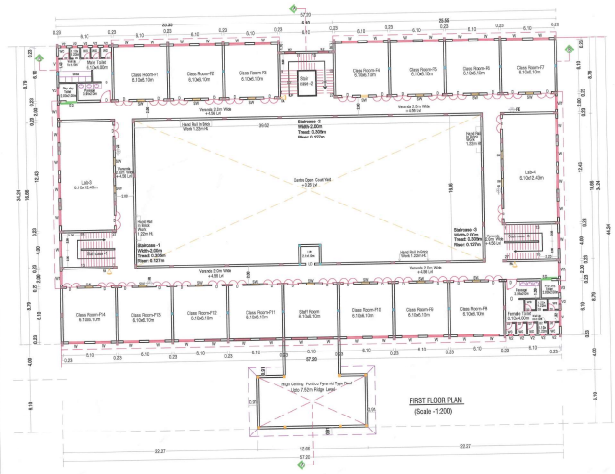


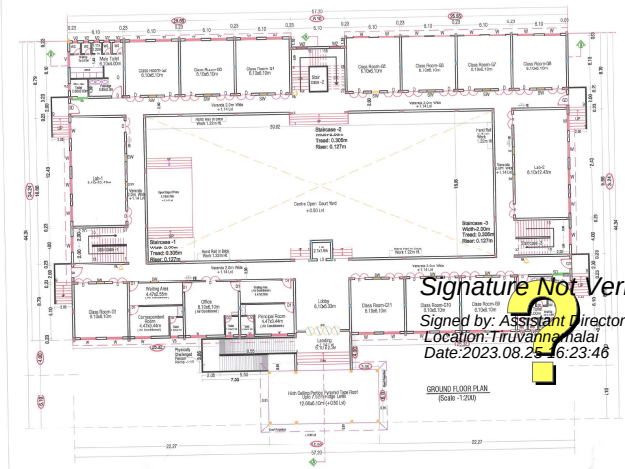












FLOOR SPACE INDEX :-

= 2697.00 SQM / 14092.00 SQM
= 0.100 ~ 0.00

LAND AREA STATEMENT

Description	Hectares	Acres	Sqm
As Per Patta	1.41.72	3.50	14172.00
As Per Documents	1.41.00	0.00	14168.00
Site Area After Road Widening (14168.0 -76.0)	1.40.92	0.48	14092.0
O.s.r Provided Per Patta 1.4172 Sqm (10.37%)	0.14.70	0.36	1470.00

LAND DETAILS AS PER PATTA (263)

S.no	Sf.no	Patta Hec.ares	Sqm	Acres
1	154/2A2	0.60.72	6072.0	1.50
2	154/2B	0.81.00	8100.0	2.00
Total		1.41.72	14172.0	3.50

LAND AREA STATEMENTS (AS PER DOCUMENT)

S.no	S.F.No	Docu No.	Docu Date	Acres	Sqm
1	154/2A2	2952/	14.10.2010	1.30	5262.40
2	154/2A2	3/3	03.02.2010	0.20	809.60
3	154/2B	2076/	14.07.2010	2.00	8096.00
	Total			3.50	14,168.00

BUILDING AREA STATEMENT

FLOOR	TOTAL AREA WITH OTS Sqm.	Sq.ft.	DEDUCTION AREA Sqm.	Sq.ft.	FSI Sqm.	Sq.ft.	NON - FSI Sqm.	Sq.ft.
GROUND	2050.00	22066.20	955.00	7050.42	1395.00	15015.78	-	-
FIRST	1947.00	20957.50	655.00	7050.42	1292.00	13907.08	-	-
TERRACE							100.00	1076.00
TOTAL	3997.00	43023.70	1510.00	14100.84	2687.00	28922.86	100.00	1080.00

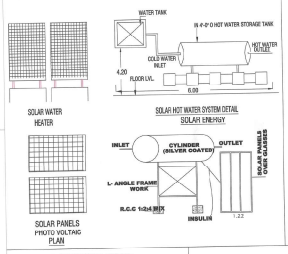
TOTAL FSI AREA = 2687.00 SQM (or) 28,922.86 SQFT

TOTAL BUILDUP AREA (FSI + NON FSI = 2687.0+100.43) = 2787.42 SQM (or) 30,003.78 SQFT

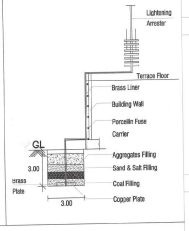
PARKING AREA STATEMENT

PARKING CALCULATION			REQUIRED Car	Two Wheeler	Cycle	PROVIDED Car	Two Wheeler	Cycle
Ground Floor Classroom Rooms	11 Nos X (6.10x6.10m)	409.31 Sq.m.						
First Floor Class Rooms	14 Nos X (6.10x6.10m)	520.94Sq.m	05 Nos	24 Nos	246 sqm	Proposed - 05 Nos Phy.ch - 02 Nos	Proposed - 24 Nos Phy.ch - 02 Nos	Slot -1 = 72.0sqm Slot -2 = 75.60sqm Slot -3 = 79.20sqm Slot -4 = 21.6sqm
Total	930.25 sq.m		05 Nos	24 Nos	246 sqm	07 Nos	28 Nos	248.40 sqm

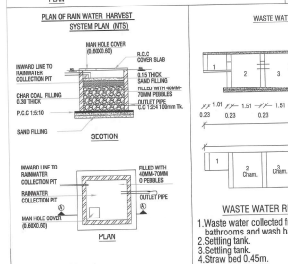
PLAN OF SOLAR WATER HEATER & SOLAR PANELS PHOTO VOLTAIC (NTS)



SECTION OF LIGHTNING ARRESTER (NTS)

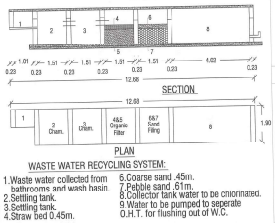


PLAN OF RAIN WATER HARVEST SYSTEM PLAN (NTS)



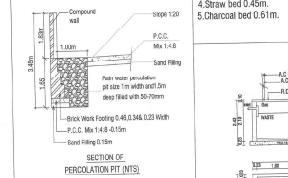
WASTE WATER TREATMENT PLANT (WWT)

(Not To Scale)

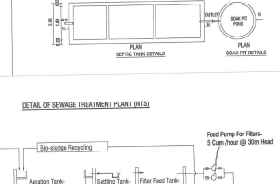


WASTE WATER RECYCLING SYSTEM:

1. Waste water collected from bathrooms and wash basin.
2. Settling tank.
3. Settling tank.
4. Straw bed 0.45m.
5. Charcoal bed 0.61m.
6. Coarse sand .45m.
7. Pebble sand .51m.
8. Collector tank water to be chlorinated.
9. Water to be pumped to seperate O.H.T. for flushing out of W.C.



PLAN OF SEPTIC TANK.



SHEET No : 01 of 01

PLAN SHOWING THE PROPOSED CONSTRUCTION OF GROUND & FIRST FLOOR SCHOOL BUILDING RUN BY THIRUMATHI DURGAMMAL MEMORIAL TRUST AT S.F.NO.154/2A2 &154/2B,IN NO:207, SATHYAVADI VILLAGE,THELLAR PANCHAYATH UNION, VANDAVASI TAI I.IK,TIRUVANNAMALAI DISTRICT.

SHEET TITLE: SITE , BUILDING & GENERAL PLAN

SHEET SCALE:-	UNIT	DATE	REVISION
1: 100 (A0)	METER		

● ONLINE APPLICATION NUMBER :
SWP/BPA/0010316 /2023

● APPROVAL NUMBER :
BP/AD-DTCP(TVM):41/2023

APPROVAL OFFICE USE (COMPETENT AUTHORITY)

THIRUMATHI DURGAMMAL MEMORIAL TRUST
MANAGING TRUSTEE

Dr. M. KAMALAKKANNAN - MANAGING TRUSTEE
(THIRUMATHI DURGAMMAL MEMORIAL TRUST)

SIGNATURE OF OWNER / TRUSTEE

Er. R. PERUMALMAN
B.E (C.E.) Govt. Rd & B.Sc (Phy.) MA,PGDT Ma,PhD.
Registered Engineer Gr. I
Regd.No. : D-2000 / PWD / 2000
Regd.No. : DTCP / 8000 / 00-01/2001 / 2002
No. 15, 2nd Cross Street, Gandhi Avenue, Thattanchavadi Nagar (East), Puducherry - 605 008.
Sign. Signature Collection & Packing Work Incharge

REGISTERED GEO -TECH. ENGINEER

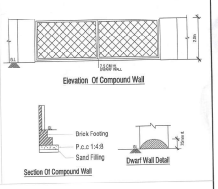
Dr. R. PORKODIYAMAN, M.(Tech), Ph.D
Registered Engineer Gr. I
Regd.No. : D-2000 / PWD / 2000
Regd.No. : DTCP / 8000 / 00-01/2001 / 2002
No. 15, 2nd Cross Street, Gandhi Avenue, Thattanchavadi Nagar (East), Puducherry - 605 008.

REGISTERED STRUCTURAL ENGINEER

Er. T. PRABU, B.TECH., (CIVIL)
Registered Engineer Grade - II
No.28, Mazhaiyur
Vandavasi - 604 502, T.V.Malai Dt.

REGISTERED ENGINEER / ARCHITECT

COMPOUND WALL & GATE DETAIL (NTS)



Symbols	Abbreviations
T	Tank
Tds	Total Dissolved Solids
Ss	Suspended Solids
Rod	Bio Chemical Oxygen Demand
Cod	Chemical Oxygen Demand
	Ball Valve
	Working Pump
	Non-return Valve
	Diaphragm Valves

Sewage Production Per Day 26 Cum
System Designed For 40 Cum Per Day
Area Required: 6.0x12.0m = 72.0 Sq.m

Treated Sewage Characteristics:

Ph	-	7.0 - 8.0
Bod	-	< 20 Mg/l
Cod	-	< 200 Mg/l
Ss	-	< 5 Mg/l
Tds	-	1200 Mg/l
Oil&grease	-	<10 Mg/l

Raw Sewage Characteristics:

Ph	-	6.0 - 8.0
Bod	-	300 Mg/l
Cod	-	900 Mg/l
Ss	-	150 Mg/l
Tds	-	1200 Mg/l
Oil&grease	-	5-25 Mg/l

Signature Not Verified
Signed by: Assistant Director
Location: Tiruvannamalai
Date: 2023.08.25 16:23:46