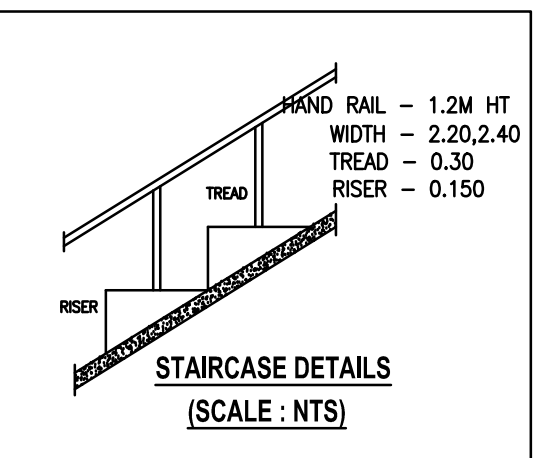




SHEET NO : 4/4

PLAN SHOWING THE PROPOSED CONSTRUCTION
OF SECONDARY SCHOOL BUILDING IN
S.NOS : 53/1B1,2B,3B,4,5,6A1,7A,10B,11B2,16B1A
OF PERUMALPATTU VILLAGE,
VEPPAMPATTU PANCHAYAT,
TIRUVALLUR TALUK & DISTRICT.

SCHEDULE OF JOINERY		
ED	ENTRY DOOR	2.00 X 2.40
MD	MAIN DOOR	2.00 X 2.40
D	DOOR	1.22 X 2.40
D1	DOOR	1.00 X 2.40
D2	DOOR	0.75 X 2.13
SLD	SLIDING DOOR	1.22 X 2.13
W	WINDOW	2.44 X 1.82
W1	WINDOW	1.22 X 1.82
V	VENTILATOR	0.60 X 0.90

AREA STATEMENT	F.S.I (SQM)	NON F.S.I (SQM)	TOTAL AREA (SQM)
SCHOOL BUILDING			
GROUND FLOOR AREA	1632.55	-----	1632.55
FIRST FLOOR AREA	1632.55	-----	1632.55
HEAD ROOM (NON FSI)	----	136.52	136.52
TOTAL BUILTUP AREA	3265.10	136.52	3401.62

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	BOYS	GIRLS	BOYS	GIRLS
WC	2	2	9	9
URINAL	3	-	10	-
WASH BASIN	2	2	12	12
DRINKER WATER FOUNTAINS	3	3	10	10

NOTES :-

1. ALL TOILETS MECHANICALLY VENTILATED.

SOLAR HOT WATER SYSTEM DETAIL	
NO OF BOYS	: 150 Nos
NO OF GIRLS	: 100 Nos
NO OF TEACHERS / OTHERS	: 50 Nos
TOTAL NO OF PERSONS	: 300 Nos
WATER CONSUMPTION @ 80 Lit / Person/day	
TOTAL CONSUMPTION (300 X 80)	: 24000 Lits
NO OF SWHS (4000 lit capacity)	: 6 Nos

SPECIFICATION:	
SUPER STRUCTURE : 9TK B.W IN C.M 1:5	WWT - WASTE WATER TANK
FOUNDATION : RCC COLUMN FOUNDATION	RHT - OVER HEAD TANK
SLAB : RCC 1:2.4 4.5TK	RWH - RAIN WATER HARVESTING
BEAM LINTEL SUNSHADE : RCC 1:2.4	SWHS - SOLAR WATER HEATING SYSTEM
WEATHERING COURSE WITH PRESSED TILES	FE - FIRE EXTINGUISHER
ELECTRIFICATION WORK CONCEALED WIRING	EA - EMERGENCY ALARM
	SB - SAND BUCKET

SCALE : 1"=8'

[1:100]

N



COLOR INDEX

SITE BOUNDARY

EXISTING ROAD

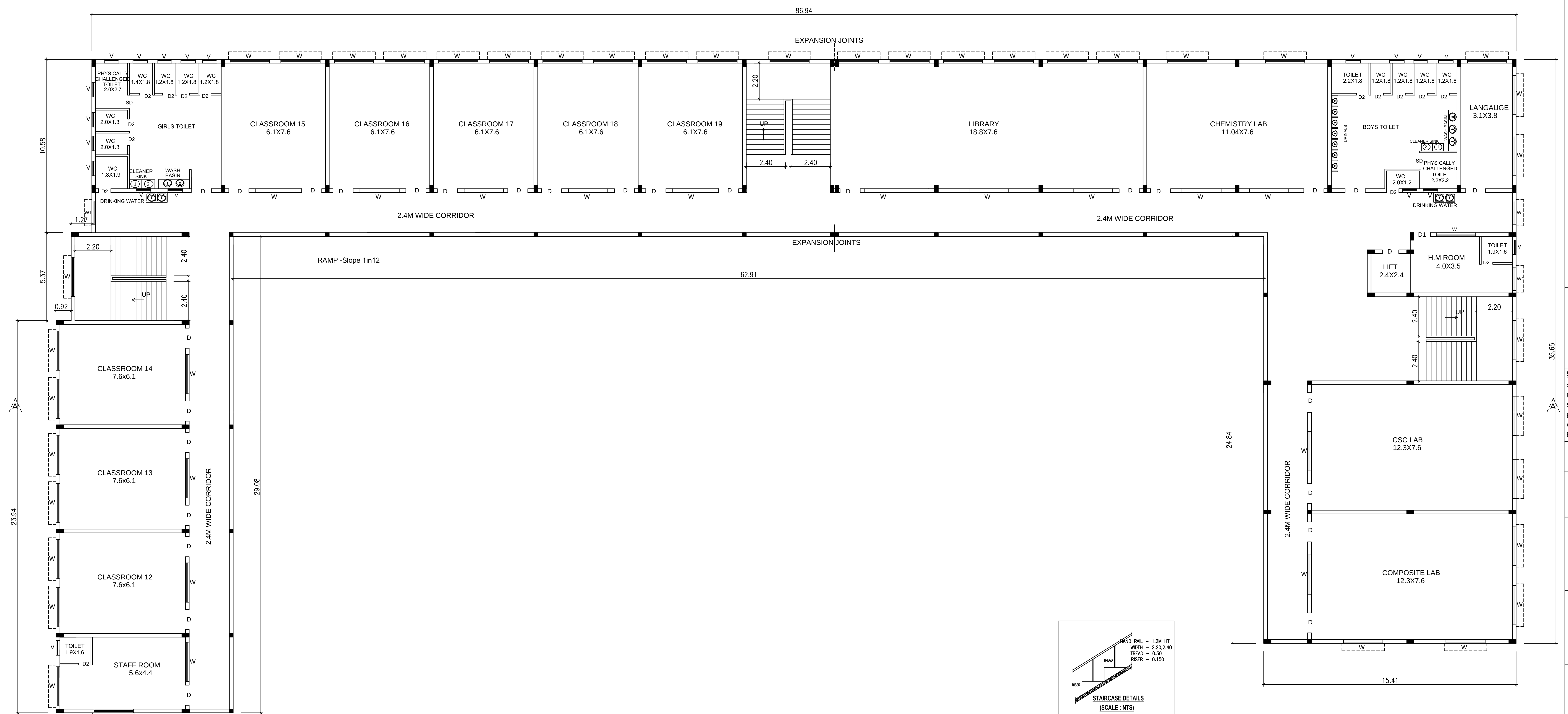
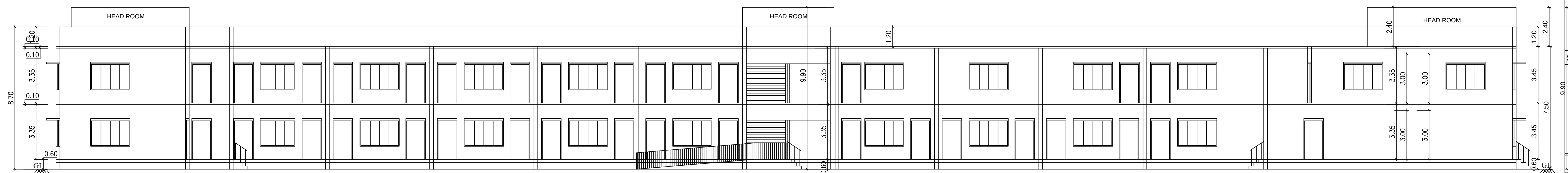
PROPOSED BUILDING

P. MARIAPPAN, B.E., MIE,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade II (CG, RERA No: 64-31/2019-2021) & 601
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STRUCTURAL ENGINEER

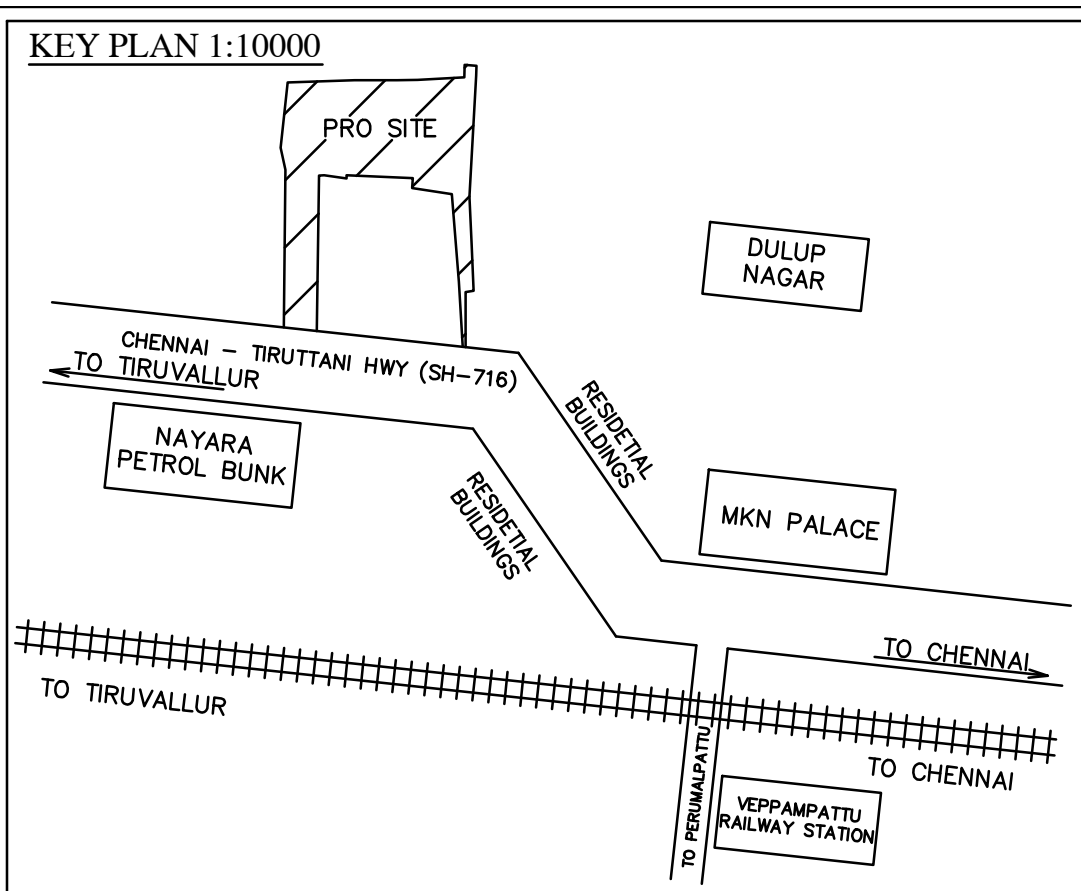
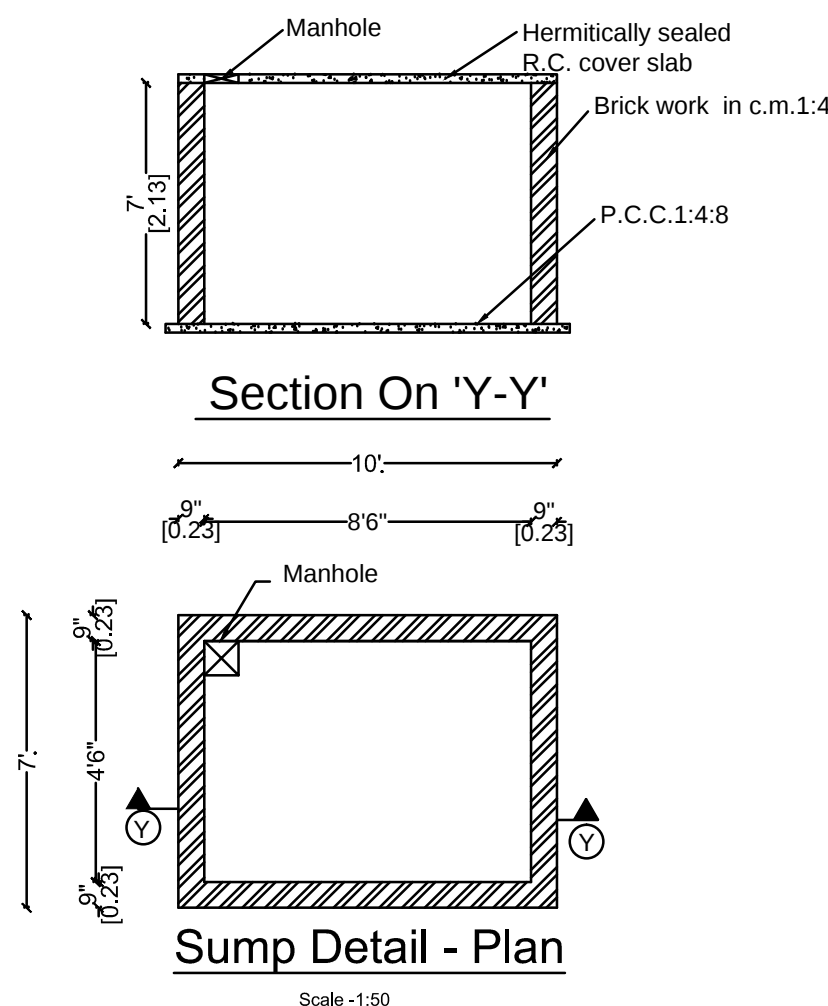
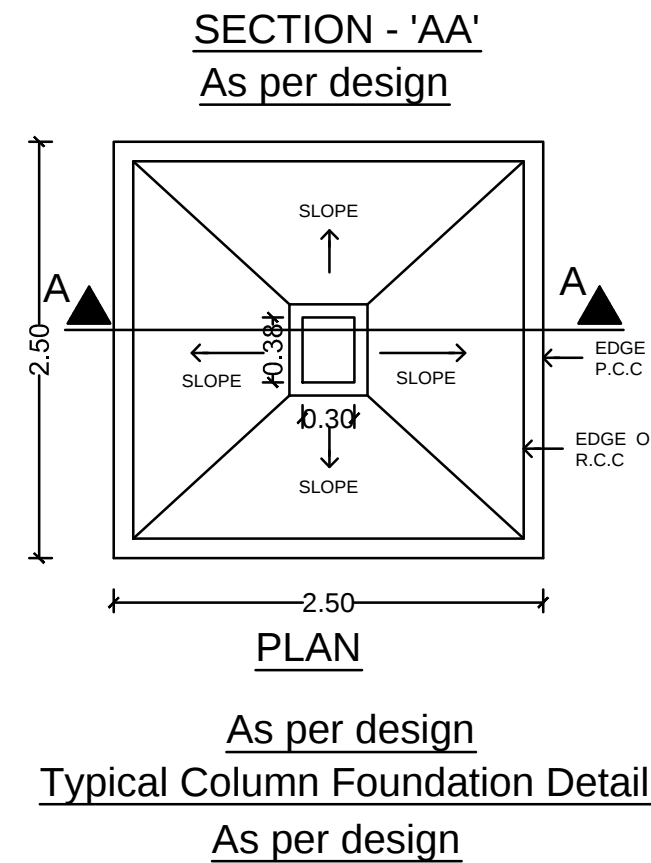
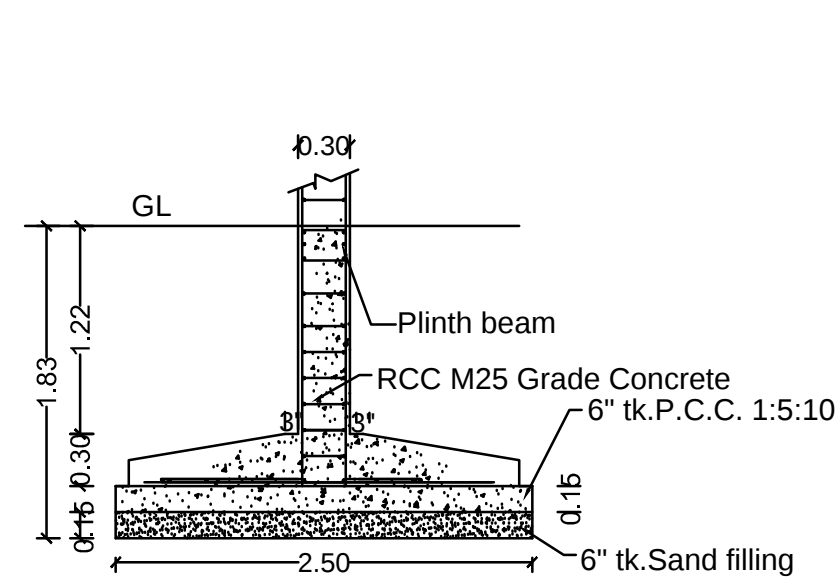
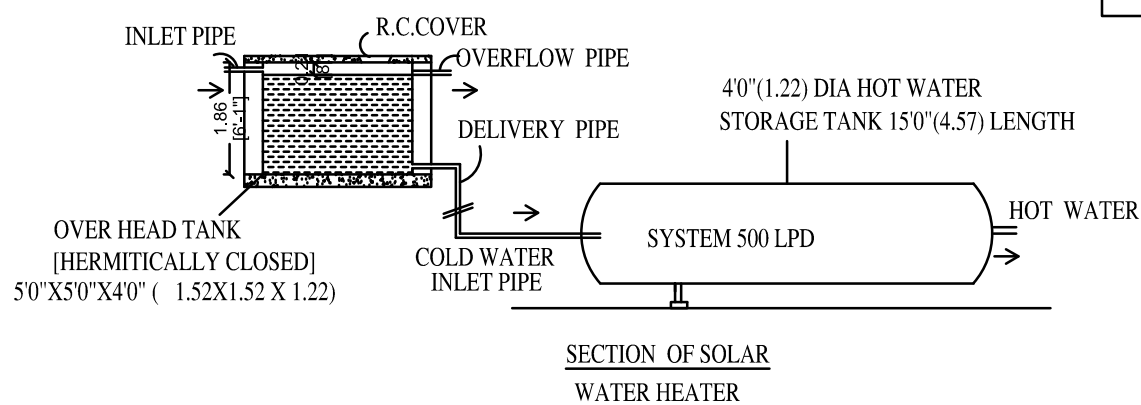
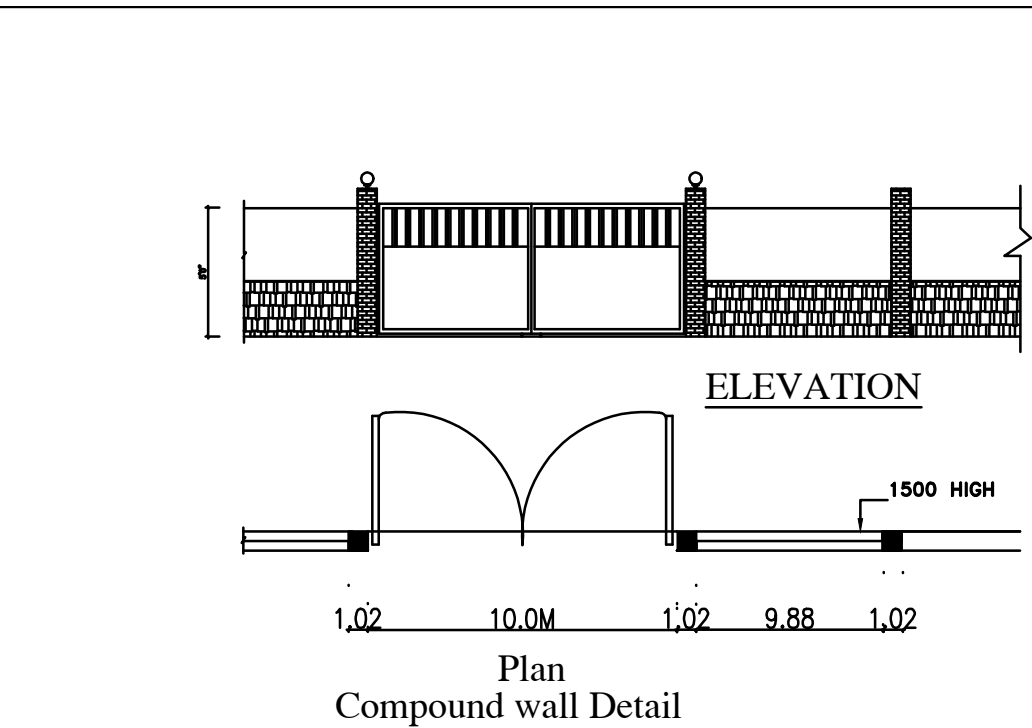
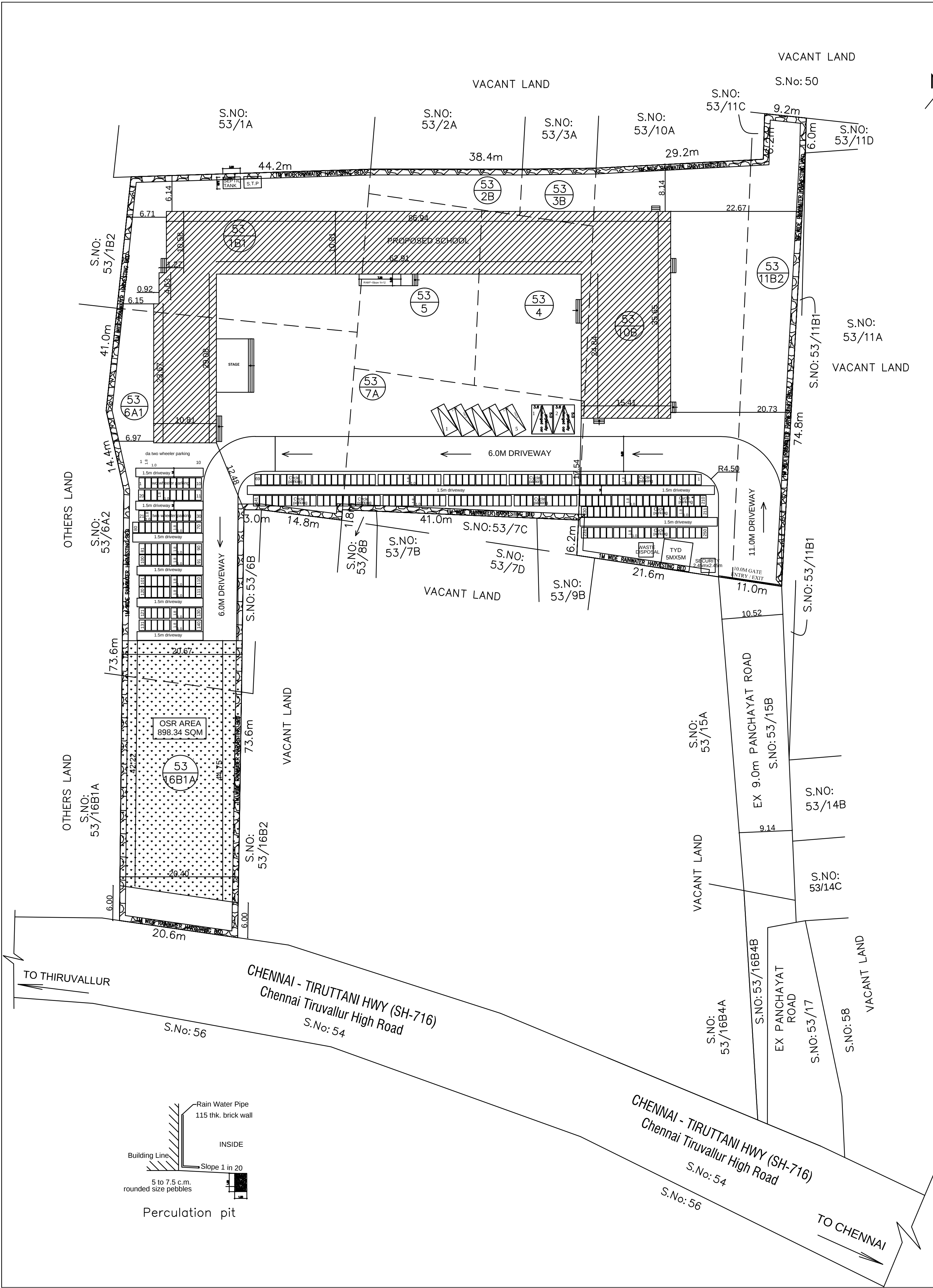
Sawal
SIGNATURE OF THE APPLICANT

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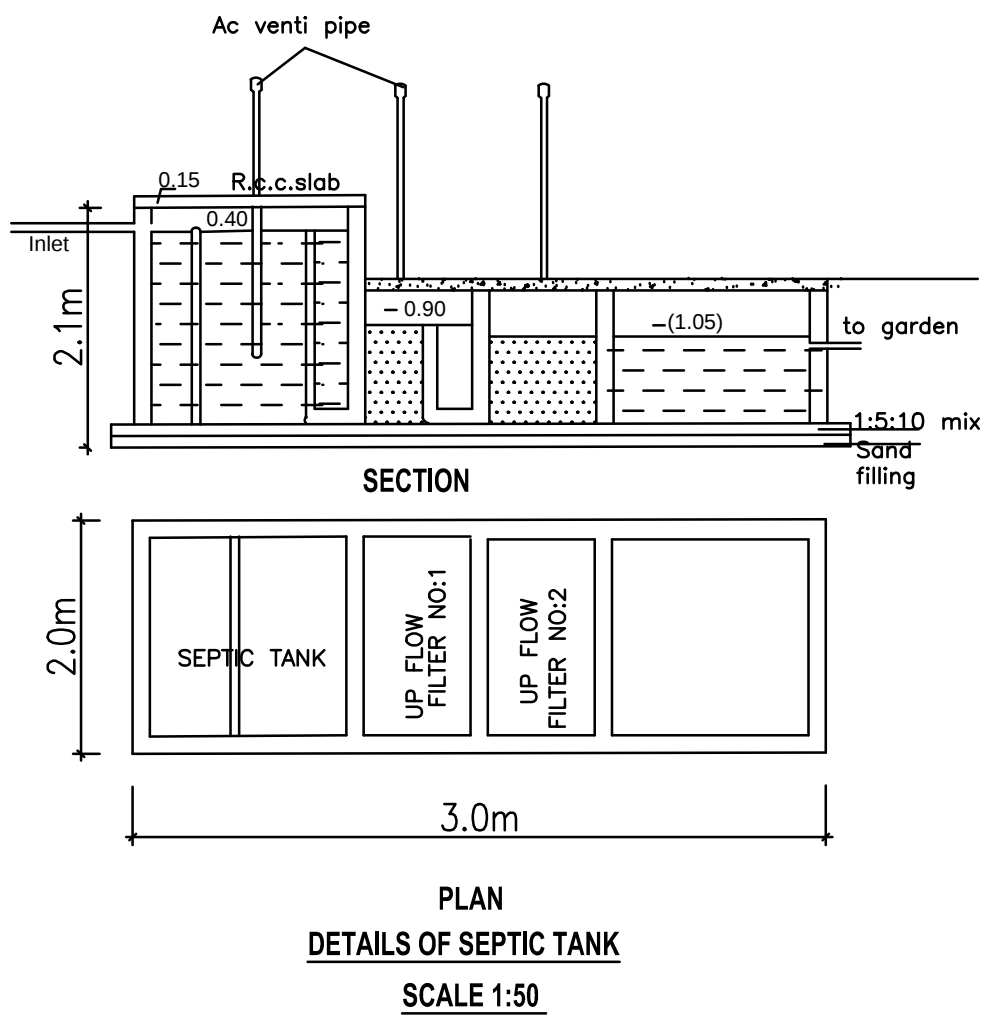
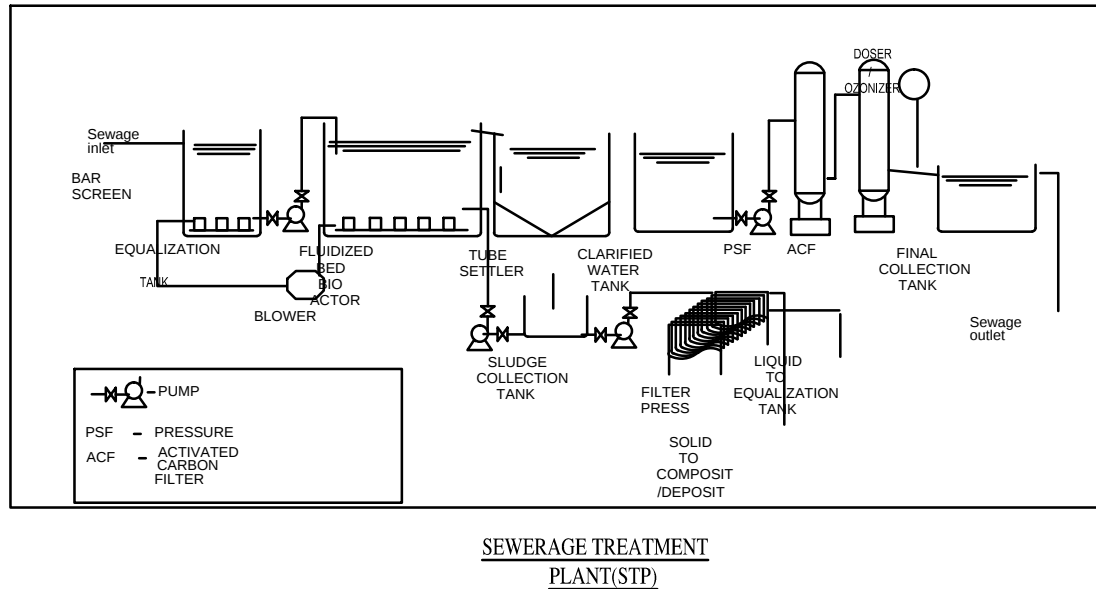




SHEET NO : 3/4			
PLAN SHOWING THE PROPOSED CONSTRUCTION OF SECONDARY SCHOOL BUILDING IN S.NOS. : 53/1B1,2B,3B,4,5,6A1,7A,10B,11B2,16B1A OF PERUMALPATTU VILLAGE, VEPPAMPATTU PANCHAYAT, TIRUVALLE TALUK & DISTRICT.			
SCHEDULE OF JOINERY			
FD	ENTRY DOOR	2.00 X 2.40	
MD	MAIN DOOR	2.00 X 2.40	
D	DOOR	1.22 X 2.40	
D1	DOOR	1.00 X 2.40	
D2	DOOR	0.75 X 2.13	
SLD	SLIDING DOOR	1.22 X 2.13	
W	WINDOW	2.44 X 1.82	
W1	WINDOW	1.22 X 1.82	
V	VENTILATOR	0.60 X 0.90	
AREA STATEMENT		F.S.I (SQM)	NON F.S.I (SQM)
TOTAL AREA (SQM)			
SCHOOL BUILDING			
GROUND FLOOR AREA		1632.55	-----
FIRST FLOOR AREA		1632.55	-----
HEAD ROOM (NON FSI)		-----	136.52
TOTAL BUILDUP AREA		3265.10	136.52
			3401.62



SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	BOYS	GIRLS	BOYS	GIRLS
WC	2	2	9	9
URINAL	3	-	10	-
WASH BASIN	2	2	12	12
DRINKER WATER FOUNTAINS	3	3	10	10
NOTES :-				
1. ALL TOILETS MECHANICALLY VENTILATED.				
SOLAR HOT WATER SYSTEM DETAIL				
NO OF BOYS			: 150 Nos	
NO OF GIRLS			: 100 Nos	
NO OF TEACHERS / OTHERS			: 50 Nos	
TOTAL NO OF PERSONS			: 300 Nos	
WATER CONSUMPTION @ 80 Lit / Person/day				
TOTAL CONSUMPTION (300 X 80)			: 24000 Lits	
NO OF SWHS (4000 lit capacity)			: 6 Nos	



SHEET NO : 1/4

PLAN SHOWING THE PROPOSED CONSTRUCTION OF SECONDARY SCHOOL BUILDING IN S.NOS : 53/1B1,2B,3B,4,5,6A1,7A,10B,11B2,16B1A OF PERUMALPATTU VILLAGE, VEPPAMPATTU PANCHAYAT, TIRUVALLUR TALUK & DISTRICT.

AREA STATEMENT	F.S.I (SQM)	NON F.S.I (SQM)	TOTAL AREA (SQM)
TOTAL SITE AREA (AS PER FMB)	8828.29		
TOTAL SITE AREA (AS PER PATTI)	8304.00		

SCHOOL BUILDING

GROUND FLOOR AREA	1632.55	-----	1632.55
FIRST FLOOR AREA	1632.55	-----	1632.55
HEAD ROOM (NON FSI)	-----	136.52	136.52
SECURITY ROOM (NON FSI)	-----	6.00	6.00
TOTAL BUILTUP AREA	3265.10	142.52	3407.62

REFERENCE

DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	1632.55 / 8304.00 X 100	19.66%
FLOOR AREA RATIO	3265.10 / 8304.00	0.393
OSR AREA	882.8 SQM (10.0%)	898.34 SQM (10.16%)

DESCRIPTION	REQUIRED	PROPOSED
PARKING AREA	CARS : 5 nos TWO WHEELER : 25 nos CYCLE : 245 nos	245= 7 nos 10+30=40 nos 250 nos

SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5

FOUNDATION : RCC COLUMN FOUNDATION

SLAB : RCC 1:2:4 4.5"TK

BEAM LINTEL SUNSHADE : RCC 1:2:4

WEATHERING COURSE WITH PRESSED TILES

ELECTRIFICATION WORK CONCEALED WIRING

WWT - WASTE WATER TANK

OHT - OVER HEAD TANK

RWH - RAIN WATER HARVESTING

SWHS - SOLAR WATER HEATING SYSTEM

FE - FIRE EXTINGUISHER

EA - EMERGENCY ALARM

SB - SAND BUCKET

SCALE : 1"=32'

[1:400]

N

COLOR INDEX

SITE BOUNDARY

EXISTING ROAD

PROPOSED BUILDING

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ARCHITECT / ENGINEER