

PLAN SHOWING THE REVISED AND ADDITIONAL CONSTRUCTION OF
'S.A.V SAHAYA THAI ARTS AND SCIENCE COLLEGE FOR WOMEN' BUILDING IN
S.NO : 918, 920/4B1,1005/1B,1005/2B & 1006/3,PERUNGUDI PART-I VILLAGE,
VADAKANKULAM PANCHAYAT, RADHAPURAM TALUK, TIRUNELVELI DISTRICT.

ALL DIMENSIONS ARE IN METRE, SCALE 1:100

AREA DETAILS			
REF.	DESCRIPTION	SQ.M	SQ.FT.
□	Exg. BUILDING AREA IN G.F	1380.96	14864.65
□	Pro. BUILDING AREA IN G.F	382.59	4118.20
□	TOTAL	1763.55	18982.85

JOINERY DETAILS		
D	Door	2.00 x 2.10
D1	Door	1.00 x 2.10
SD	Sliding Door	1.00 x 2.10
D2	Door	0.76 x 2.10
W	Window	1.83 x 1.37
W1	Window	1.45 x 1.20
V2	Ventilator	2.00 x 0.61
V3	Ventilator	0.91 x 0.61

Note:
Waste Water Used for Garden
Rain Water harvesting Details Provided
Solar System Water tank provided
Fire Resistance to be provided
Emergency alarm to be provided
Drinking water to be provided as per corporation norms
Rain water harvesting tank to be provided
Waste water from recycled water tank & Trench connected to sewage disposal tank
Solid waste not to be provided
1/2 traps provided in sink/drain to prevent such breeding of mosquitoes
(As per G.O (M.S) No: 341 - dated 03.11.2004)

For HAMILTON MATERIAL
TESTING PVT. LTD.
MGR DIRECTOR

GEO TECHNICAL ENGINEER

OFFICE USE

Er. N. BALAMURUGAN, CCE, B.E.,
Registered Construction Engineer
Reg. No. RCE/TVLR/11/2019
77/4, Shanmughi Nagar,
Gopalasamudram Road, TVL - 627 604.
Cell No: 91221 55332
Email ID: balamurugan1@gmail.com

CONSTRUCTION ENGINEER

APPLICANT

Er. M. Muthukumar,
REGISTERED ARCHITECT
MUTHU CONSTRUCTION
Reg. No. RCE/TVLR/11/2019
11/1A, Stone Venn Cor Street,
Pallayankottai - 627 602.

STRUCTURAL ENGINEER

ENGINEER

81.55

23 1.23 12 1.85 12 1.08 12 1.08 12 1.08 12 1.08 12 1.08 23

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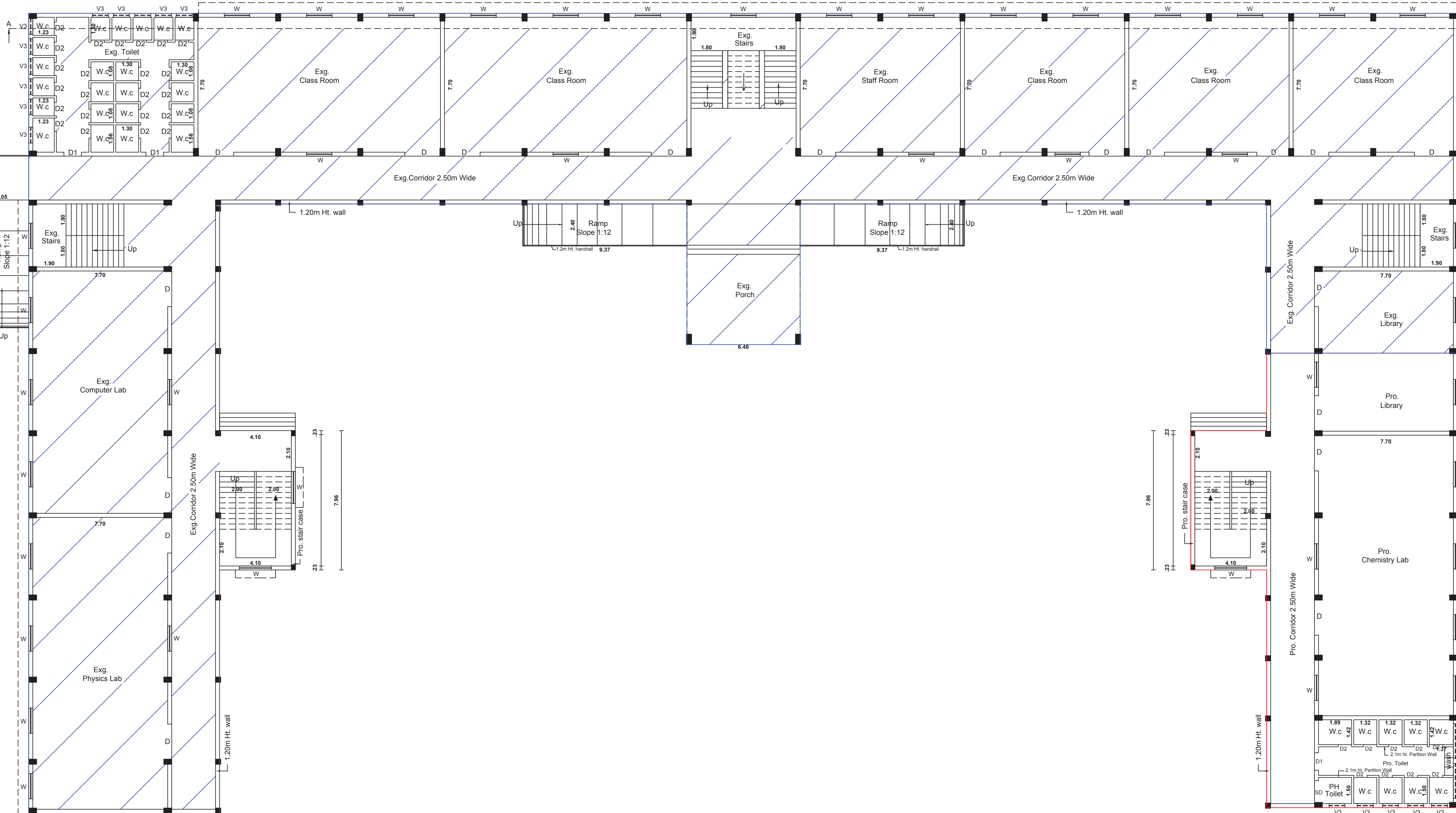
9.15

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23



GROUND FLOOR PLAN



PLAN SHOWING THE REVISED AND ADDITIONAL CONSTRUCTION OF

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AREA DETAILS

REF.	DESCRIPTION	SQ.M	SQ.FT.
Typical Floor			
□	Pro. BUILDING AREA IN F.F	1763.55	18982.85
□	Pro. BUILDING AREA IN S.F	1763.55	18982.85
TOTAL		3527.10	37965.70

JOINERY DETAILS

D	Door	2.00 x 2.10
D1	Door	1.00 x 2.10
SD	Sliding Door	1.00 x 2.10
D2	Door	0.76 x 2.10
W	Window	1.83 x 1.37
W1	Window	1.45 x 1.20
V2	Ventilator	2.00 x 0.61
V3	Ventilator	0.91 x 0.61

Notes:

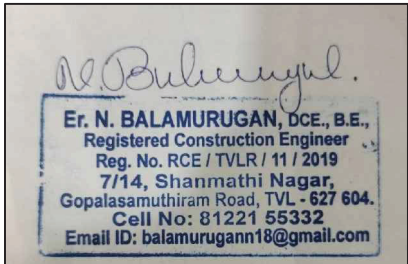
Waste Water Used for Garden
Rain Water harvesting Details Provided
Solar System Water tank provided
Fire Resistance to be provided
Emergency alarm to be provided
Drinking water to be provided as per corporation norms
Rain water harvesting tank to be provided
Waste water from recycled water tank & Trench connected to sewage disposal tank
Solid waste tub to be Provided
UV traps provided in siphon tank to prevent curb breeding of mosquitoes
(As per G.O (MS) No: 341 - dated 03.11.2004)

For HAMILTON MATERIAL
TESTINGS PVT. LTD.

MG. DIRECTOR

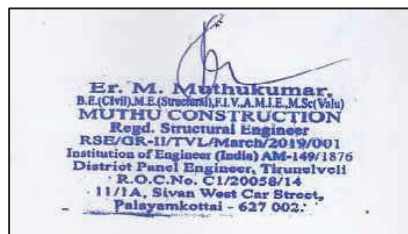
GEO TECHNICAL ENGINEER

OFFICE USE



CONSTRUCTION ENGINEER

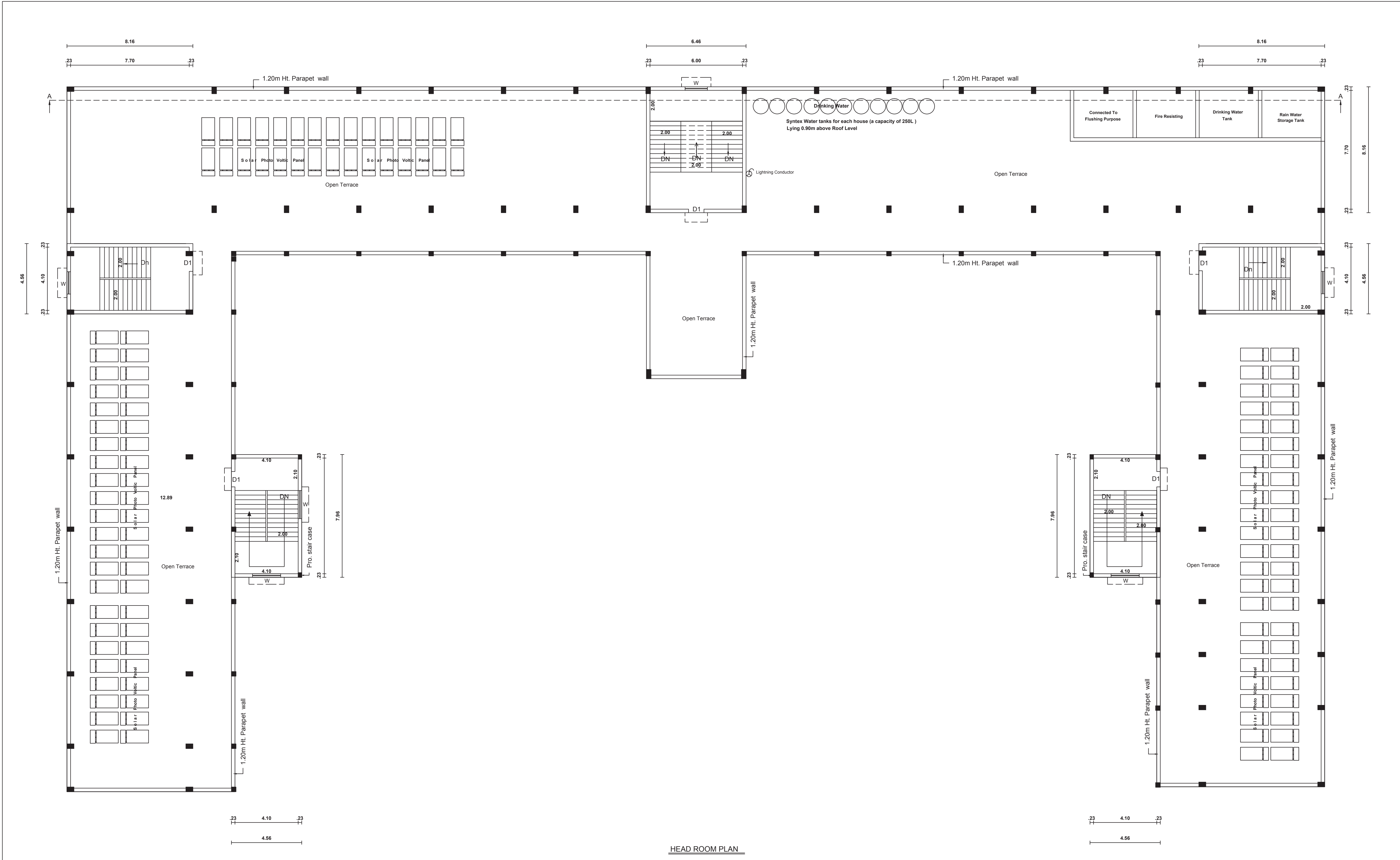
APPLICANT



STRUCTURAL ENGINEER

ENGINEER

TYPICAL FLOOR PLAN
(First & Second)



SHEET NO: 3/5

PLAN SHOWING THE REVISED AND ADDITIONAL CONSTRUCTION OF

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ALL DIMENSIONS ARE IN METRE, SCALE 1:100

AREA DETAILS			
REF.	DESCRIPTION	SQ.M	SQ.FT.
1	Pro. BUILDING AREA IN H.R	199.73	2149.89
TOTAL		199.73	2149.89

Note:

- Waste Water Used for Garden
- Rain Water Harvesting Details Provided
- Soak System Water tank provided
- Fire Resistance to be provided
- Emergency alarm to be provided
- Drinking water to be provided as per corporation norms
- Rain water harvesting tank to be provided
- Waste water from recycled water tank & Trench connected to seepage disposal tank
- Safe waste tub to be Provided
- U traps provided in septic tank to prevent curb breeding of mosquitoes
- (As per G.O (M.S) No : 341 - dated 03.11.2004)

For HAMILTON MATERIAL TESTINGS PVT. LTD.

GEO TECHNICAL ENGINEER

OFFICE USE

Er. N. BALAMURUGAN, OCE, B.E.,
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Reg. No. RCE / TVLR / 11 / 2019
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Email ID: balamurugan1@gmail.com

CONSTRUCTION ENGINEER

APPLICANT

Er. M. Muthukumar
REGISTERED CIVIL ENGINEER
MUTHU CONSTRUCTION
11/7A, Silver West City Street,
Palayamkottai - 627 002.

STRUCTURAL ENGINEER

ENGINEER

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ALL DIMENSIONS ARE IN METRE, SCALE 1:100

For HAMILTON MATERIAL
TESTINGS PVT. LTD.
MGR DIRECTOR

GEO TECHNICAL ENGINEER

OFFICE USE

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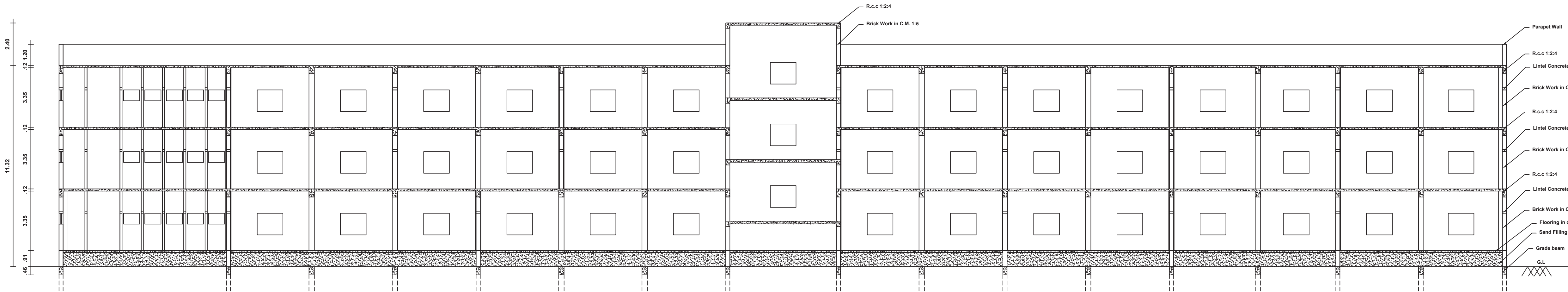
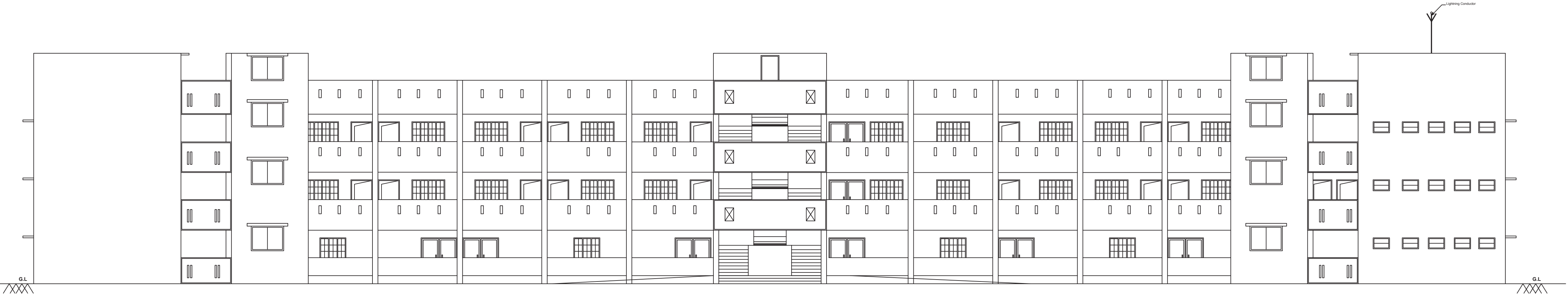
CONSTRUCTION ENGINEER

APPLICANT

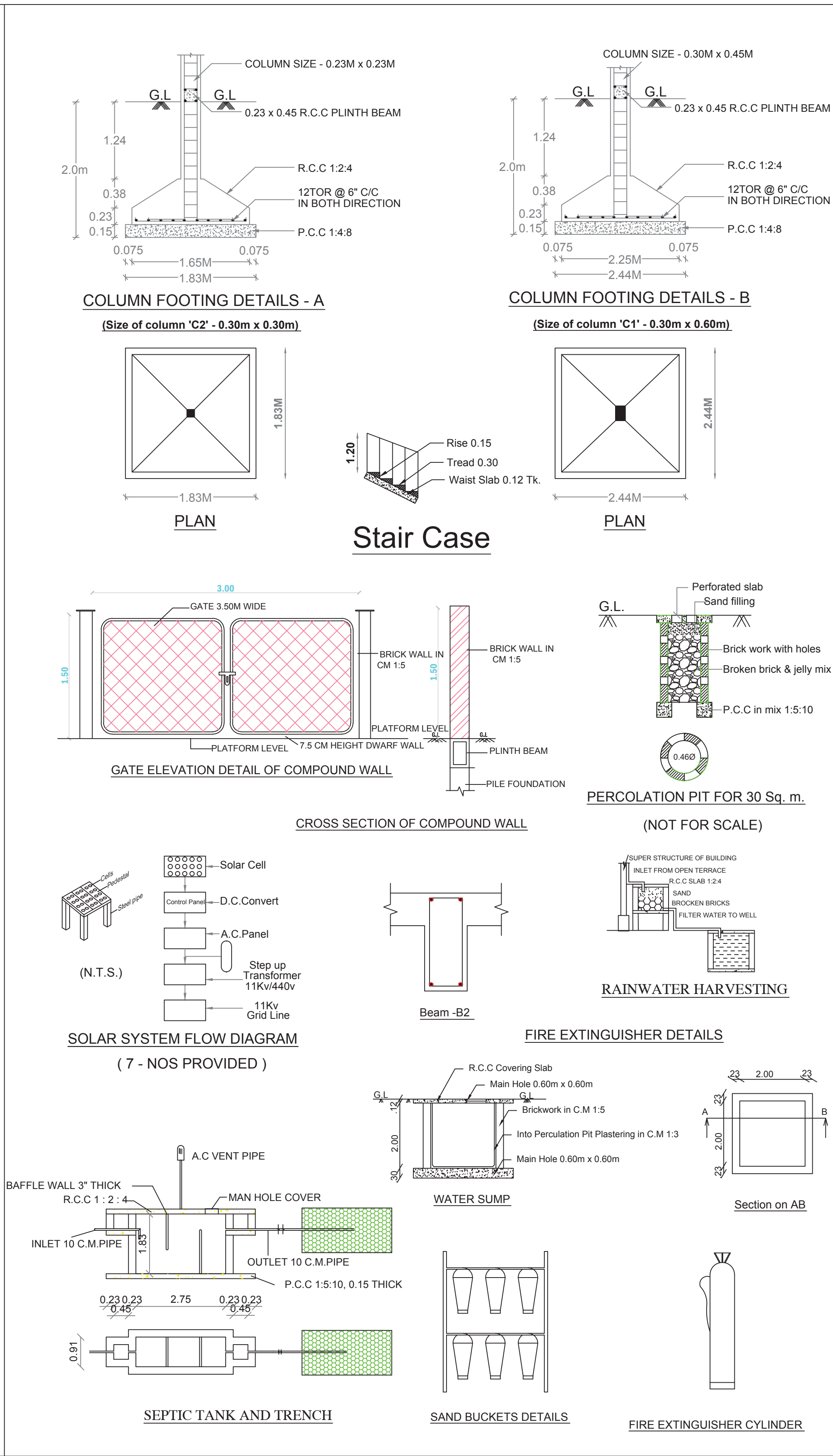
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STRUCTURAL ENGINEER

ENGINEER



SECTION ON 'AB'



SHEET NO: 5/5

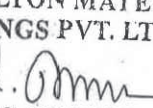
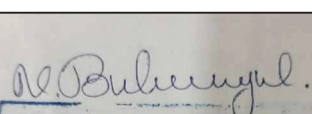
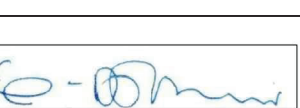
SITE PLAN SHOWING THE REVISED AND ADDITIONAL CONSTRUCTION OF

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VADAKKANKULAM PANCHAYAT, RADHAPURAM TALUK, TIRUNELVELI DISTRICT.

ALL DIMENSIONS ARE IN METRE, SCALE 1:800

SITE AREA				BUILDING AREA DETAILS:-						
REF.	S.NO	HECTARE	SQ.MT.	DETAILS		EXISTING APPROVED AREA (As On Site)		Additional Building AREA		TOTAL AREA AREA (Sq.M)
						FSI AREA (Sq.M)	NON FSI AREA (Sq.M)	FSI AREA (Sq.M)	NON FSI AREA (Sq.M)	
1.	918	1.05.00	10500.00							
2.	920/4B1	0.16.00	1600.00							
3.	1005/1B	0.07.32	732.00	GROUND FLOOR AREA		1380.96	--	382.59	--	1763.55
4.	1005/2B	0.04.83	483.00	FIRST FLOOR AREA		--	--	1763.55	--	1763.55
5.	1006/3	0.91.00	9100.00	SECOND FLOOR AREA		--	--	1763.55	--	1763.55
	TOTAL	2.24.15	22415.00	HEAD ROOM AREA		--	--	--	199.73	199.73
	TOTAL					1380.96		3909.69	199.73	5490.38
Floor Area Ratio										
= $\frac{G.F+F.F+S.F}{\text{Site Area}}$										
= $\frac{5290.65}{22415.00}$										
= $0.24 < 2.00$										
Parking Calculation										
Required Parking Area (For College Building)										
Every 100 Sq.m = 1 Car Space										
Every 50 Sq.m = 1 Two Wheeler										
Exg. Class Room Area = 424.52 Sq.m										
Pro. Class Room Area = 704.60 Sq.m										
Total Area = 1129.12 Sq.m										
= $\frac{1129.12}{100} = 11.29$ Say 12Nos										
= $\frac{1129.12}{50} = 22.58$ Say 23Nos										
S.NO	PARKING	REQUIRED	PROVIDED							
1	CAR PARKING	12	24							
2	TWO WHEELER	23	55							
For HAMILTON MATERIAL TESTINGS PVT. LTD.  M.G. DIRECTOR				SWP/BPA/240300/2024/TCP6 B.P / DTCP No: 493 /2024. B.P/TVLD No: SWP/136/2024						
GEO TECHNICAL ENGINEER										
 E.R. N. BALAMURUGAN, DCE, O.E., Registered Construction Engineer Reg. No. RCE/TVLR/11/2019 71/4, Shanmathi Nagar, Gopalapuram Road, TN - 627 604. Cell No: 91221 55332 Email ID: balamurugan1@gmail.com										
CONSTRUCTION ENGINEER										
 E.R. N. BALAMURUGAN, MUTHU CONSTRUCTION 117/A, River View City Street, Palayamkottai - 627 002.				 E.R. N. BALAMURUGAN MUTHU CONSTRUCTION 117/A, River View City Street, Palayamkottai - 627 002.				 E.R. N. BALAMURUGAN MUTHU CONSTRUCTION 117/A, River View City Street, Palayamkottai - 627 002.		
STRUCTURAL ENGINEER				ENGINEER				APPLICANT		