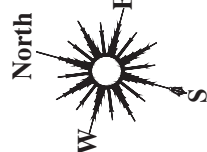


JOB TITLE

PLAN SHOWING THE PROPOSED
INSTITUTION BUILDING (
SOFTWARE/HARDWARE AND OTHER
TRAINING INSTITUTES)FOR CHENNAI
MATHEMATICAL INSTITUTE IN SIPCOT 2ND
MAIN ROAD, EXTENSION AT
PLOT NOS. 4/A4 & 7/D7Part (3.78 ACRES) AT
SIPCOT IT PARK, KAZHIPATTUR VILLAGE,
THIRUPURUR TALUK, CHENGALPATTU
DISTRICT, TAMIL NADU- 603 103.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
DD	Double Door	2.00 X 2.40
DD1	Double Door	1.80 X 3.00
DD2	Double Door	1.50 X 3.00
DD3	Double Door	1.20 X 3.00
D1	Door	1.20 X 2.40
D2	Door	0.90 X 2.40
D3	Door	0.75 X 2.40
FD	Fire Door	1.20 X 2.40
W1	Window	3.00 X 2.55
W2	Window	2.50 X 2.55
W3	Window	2.20 X 2.55
W4	Window	2.00 X 2.55
W5	Window	1.80 X 2.55
W6	Window	0.75 X 2.55
V1	Ventilator	1.20 X 2.40
V2	Ventilator	0.75 X 2.40



COLOUR INDICATION

PROPOSED BUILDING

PLOT BOUNDARY

ACCESS ROAD

REGULARISED BUILDING

DRAWING TITLE

GROUND FLOOR PLAN
PROPOSED (BLOCK - A)

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
REGISTERED STRUCTURAL ENGINEER
DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
REGISTRATION No. CS-PS/ANSA/2018/0702
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E-Mail: jegathesang@tunegonlines.in
Mobile: +91 9962545631

OWNER'S SIGNATURE

[Signature]
A. VENKATAKRISHNAN, B.Arch.,
ARCHITECT LICENSED SURVEYOR
CLASS I No.RA.41
DYCP REGN. No. RA/R 1/1907/908
No. 18, THIRD SEAWARD ROAD,
VALMIKI NAGAR, THIRUVANMIYUR,
CHENNAI - 600 041. Ph: 044-2457 2457

ARCHITECT

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
REGISTERED STRUCTURAL ENGINEER
DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
REGISTRATION No. CS-PS/ANSA/2018/0702
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ADYAR, CHENNAI - 600 020.
E-Mail: jegathesang@tunegonlines.in
Mobile: +91 9962545631

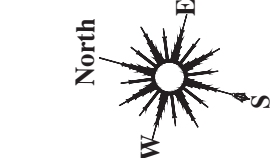
STRUCTURAL ENGINEER

JOB TITLE

PLAN SHOWING THE PROPOSED
INSTITUTION BUILDING (
SOFTWARE/HARDWARE AND OTHER
TRAINING INSTITUTES)FOR CHENNAI
MATHEMATICAL INSTITUTE IN SIPCOT 2ND
MAIN ROAD, EXTENSION AT
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SIPCOT IT PARK, KAZHIPATTUR VILLAGE,
THIRUPURUR TALUK, CHENGALPATTU
DISTRICT, TAMIL NADU- 603 103.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
DD	Double Door	2.00 X 2.40
DD1	Double Door	1.80 X 3.00
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W3	Window	2.20 X 2.55
W4	Window	2.00 X 2.55
W5	Window	1.80 X 2.55
W6	Window	0.75 X 2.55
V1	Ventilator	1.20 X 2.40
V2	Ventilator	0.75 X 2.40



COLOUR INDICATION

PROPOSED BUILDING	☐
PLOT BOUNDARY	☐
ACCESS ROAD	☐
REGULARISED BUILDING	☐

DRAWING TITLE

FIRST FLOOR PLAN
PROPOSED (BLOCK - A)

[Signature]
Prof. Madhavan Murugan
Principal
Chennai Engineering Institute
At SIPCOT IT Park, Extension,
Kazhipattur Village - 603 103, Thirupurur Taluk,
Chengalpattu District, Tamil Nadu.

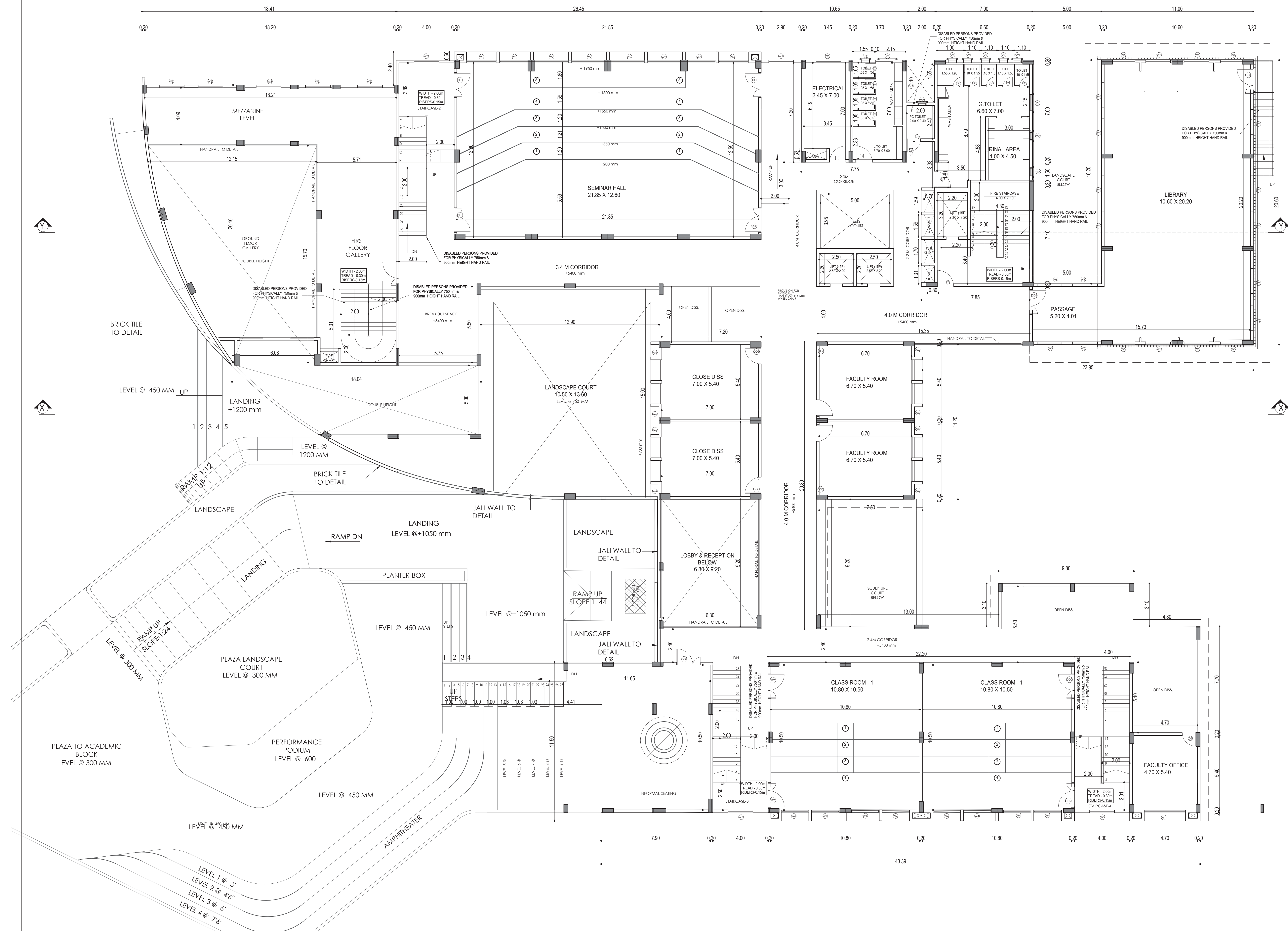
OWNER'S SIGNATURE

[Signature]
A. VENKATKRISHNAN, ARCHT.,
ARCHITECT LICENSED SURVEYOR
CLASS I No. RA 41
DTC REGN. No. RA/R 31/07/008
No. 18, THIRD SEAWARD ROAD,
VALMIKI NAGAR, THIRUVANMIYUR,
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ARCHITECT

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
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Mobile: +91 9912545631

STRUCTURAL ENGINEER



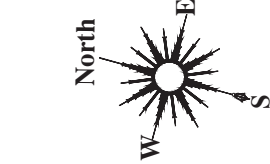
FIRST FLOOR PLAN

JOB TITLE

PLAN SHOWING THE PROPOSED
INSTITUTION BUILDING (
SOFTWARE/HARDWARE AND OTHER
TRAINING INSTITUTES)FOR CHENNAI
MATHEMATICAL INSTITUTE IN SIPCOT 2ND
MAIN ROAD, EXTENSION AT
PLOT NOS. 4/A4 & 7/D7Part (3.78 ACRES) AT
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THIRUPORUR TALUK, CHENGALPATTU
DISTRICT, TAMIL NADU- 603 103.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
DD	Double Door	2.00 X 2.40
DD1	Double Door	1.80 X 3.00
DD2	Double Door	1.50 X 3.00
DD3	Double Door	1.20 X 3.00
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D2	Door	0.90 X 2.40
D3	Door	0.75 X 2.40
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W2	Window	2.50 X 2.55
W3	Window	2.20 X 2.55
W4	Window	2.00 X 2.55
W5	Window	1.80 X 2.55
W6	Window	0.75 X 2.55
V1	Ventilator	1.20 X 2.40
V2	Ventilator	0.75 X 2.40



COLOUR INDICATION

PROPOSED BUILDING	☐
PLOT BOUNDARY	☐
ACCESS ROAD	☐
REGULARISED BUILDING	☐

DRAWING TITLE

**TERRACE FLOOR PLAN
PROPOSED (BLOCK - A)**

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
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No. 18, THIRD SEAWARD ROAD,
VALMIKI NAGAR, THIRUVANMIYUR,
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OWNER'S SIGNATURE

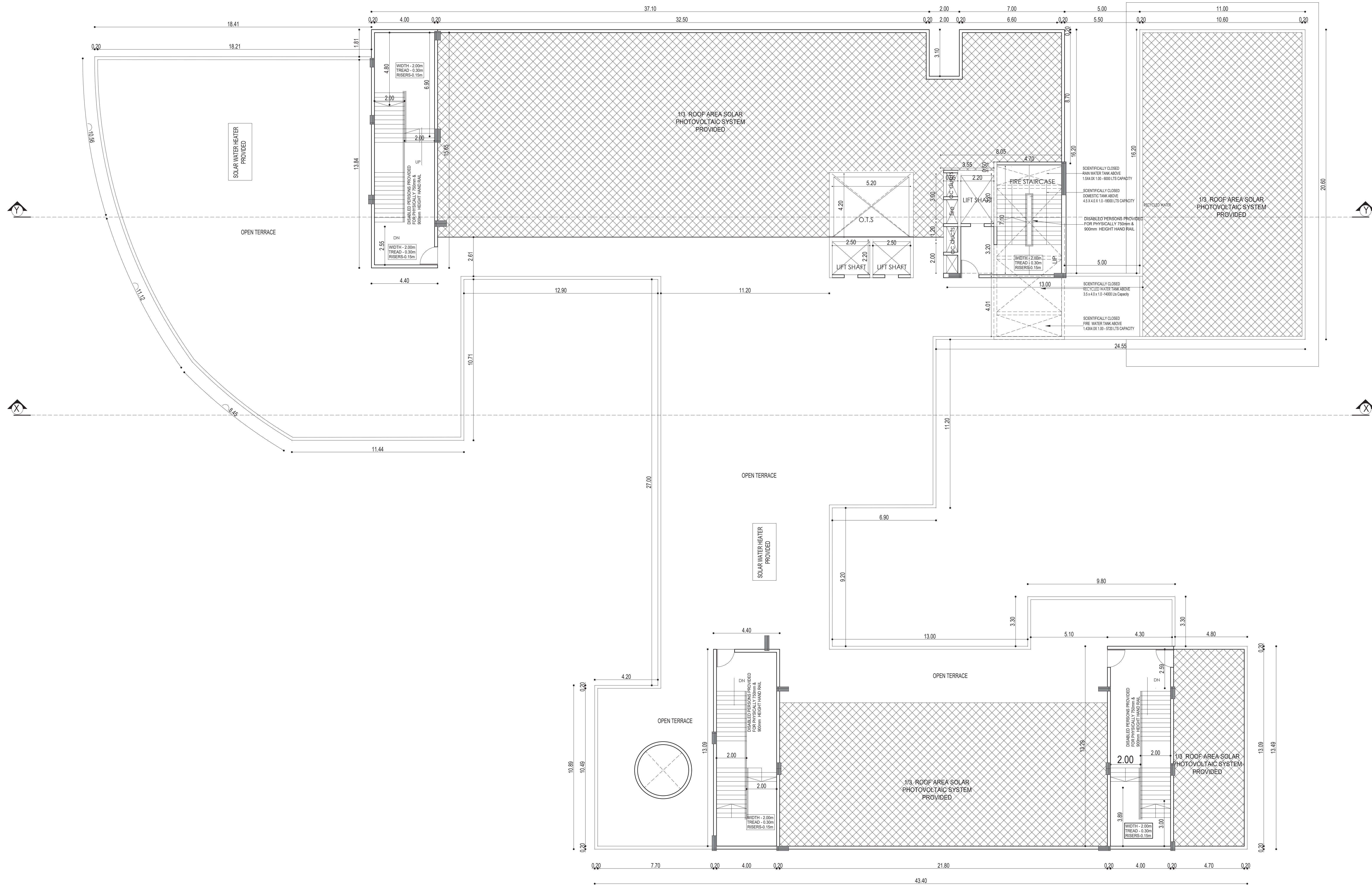
[Signature]
A. VENKATAKRISHNAN, B.Arch.,
ARCHITECT LICENSED SURVEYOR
CLASS I No.RA 41
DYCP REGN. No. RA/R 1/1907/008
No. 18, THIRD SEAWARD ROAD,
VALMIKI NAGAR, THIRUVANMIYUR,
CHENNAI - 600 041. Ph: 044-2457 2457

ARCHITECT

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
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DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
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VALMIKI NAGAR, THIRUVANMIYUR,
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STRUCTURAL ENGINEER

TERRAC FLOOR PLAN

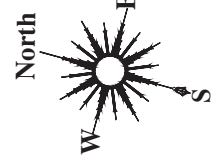


JOB TITLE

PLAN SHOWING THE PROPOSED
INSTITUTION BUILDING (
SOFTWARE/HARDWARE AND OTHER
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MATHEMATICAL INSTITUTE IN SIPCOT 2ND
MAIN ROAD, EXTENSION AT
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THIRUPORUR TALUK, CHENGALPATTU
DISTRICT, TAMIL NADU- 603 103.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
DD	Double Door	2.00 X 2.40
DD1	Double Door	1.80 X 3.00
DD2	Double Door	1.50 X 3.00
DD3	Double Door	1.20 X 3.00
D1	Door	1.20 X 2.40
D2	Door	0.90 X 2.40
D3	Door	0.75 X 2.40
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W2	Window	2.50 X 2.55
W3	Window	2.20 X 2.55
W4	Window	2.00 X 2.55
W5	Window	1.80 X 2.55
W6	Window	0.75 X 2.55
V1	Ventilator	1.20 X 2.40
V2	Ventilator	0.75 X 2.40



COLOUR INDICATION

PROPOSED BUILDING	
PLOT BOUNDARY	
ACCESS ROAD	
REGULARISED BUILDING	

DRAWING TITLE

ELEVATION AND SECTION
PROPOSED (BLOCK - A)

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
REGISTERED STRUCTURAL ENGINEER
DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
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OWNER'S SIGNATURE

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DYCP REGN. No. RAGR 1/1007/008
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CHENNAI - 600 041. Ph: 044-2457 2457

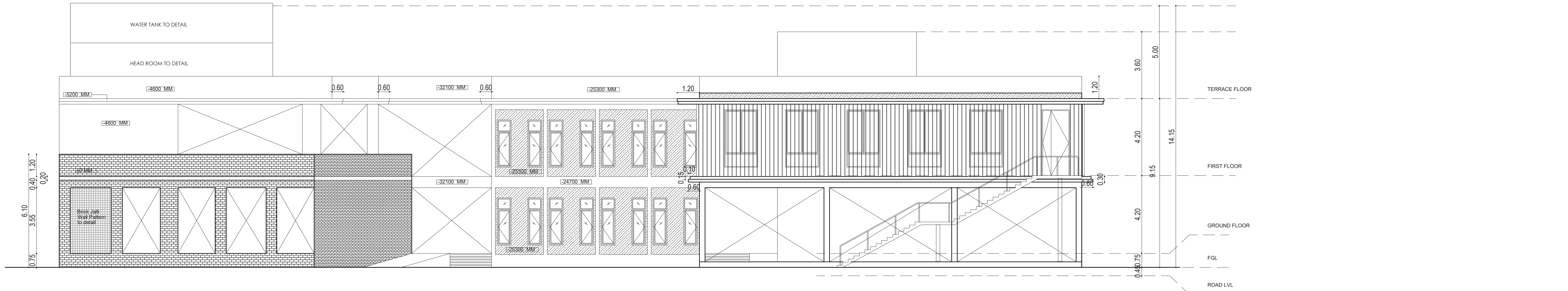
ARCHITECT

[Signature]
P. JEGATHEESAN, M.E., (Struct.), M.J.E.
REGISTERED STRUCTURAL ENGINEER
DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
REGISTRATION No. CG-PS/NS/CS-420107010
NEW No. 31 (OLD No. 14), BESANT AVENUE ROAD,
VALMIKI NAGAR, THIRUVANMIYUR,
CHENNAI - 600 041. Ph: 044-2457 2457

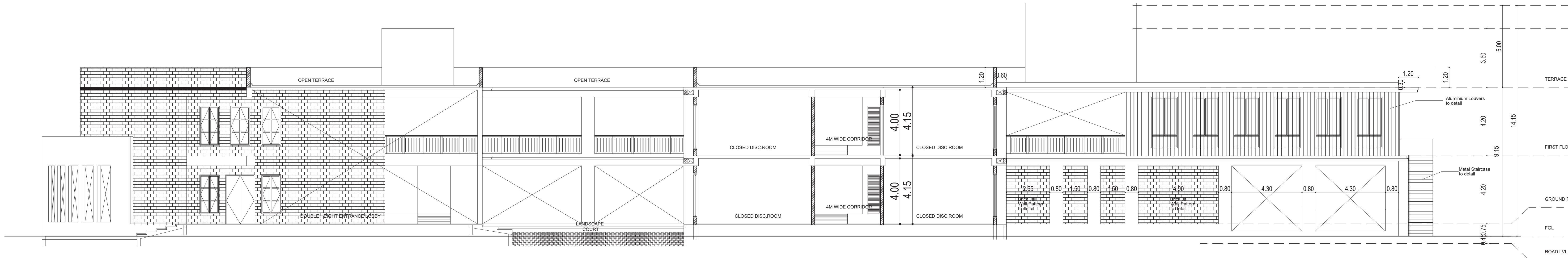
STRUCTURAL ENGINEER



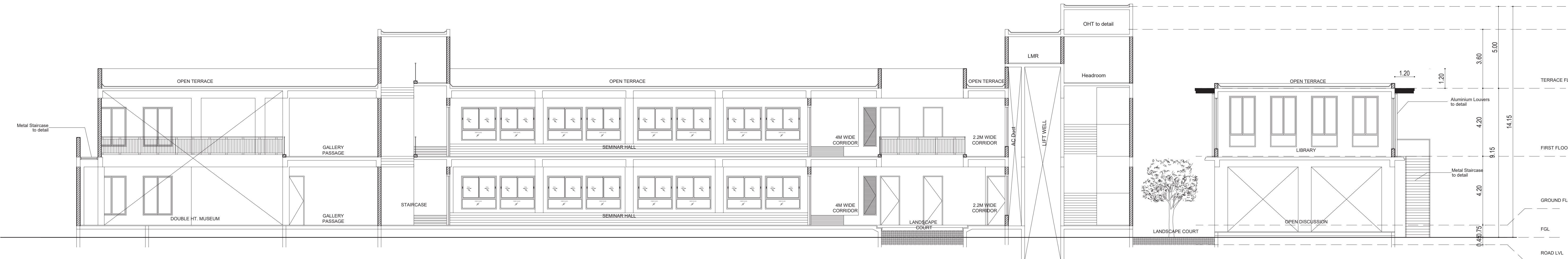
EAST ELEVATION



SOUTH ELEVATION



SECTION XX

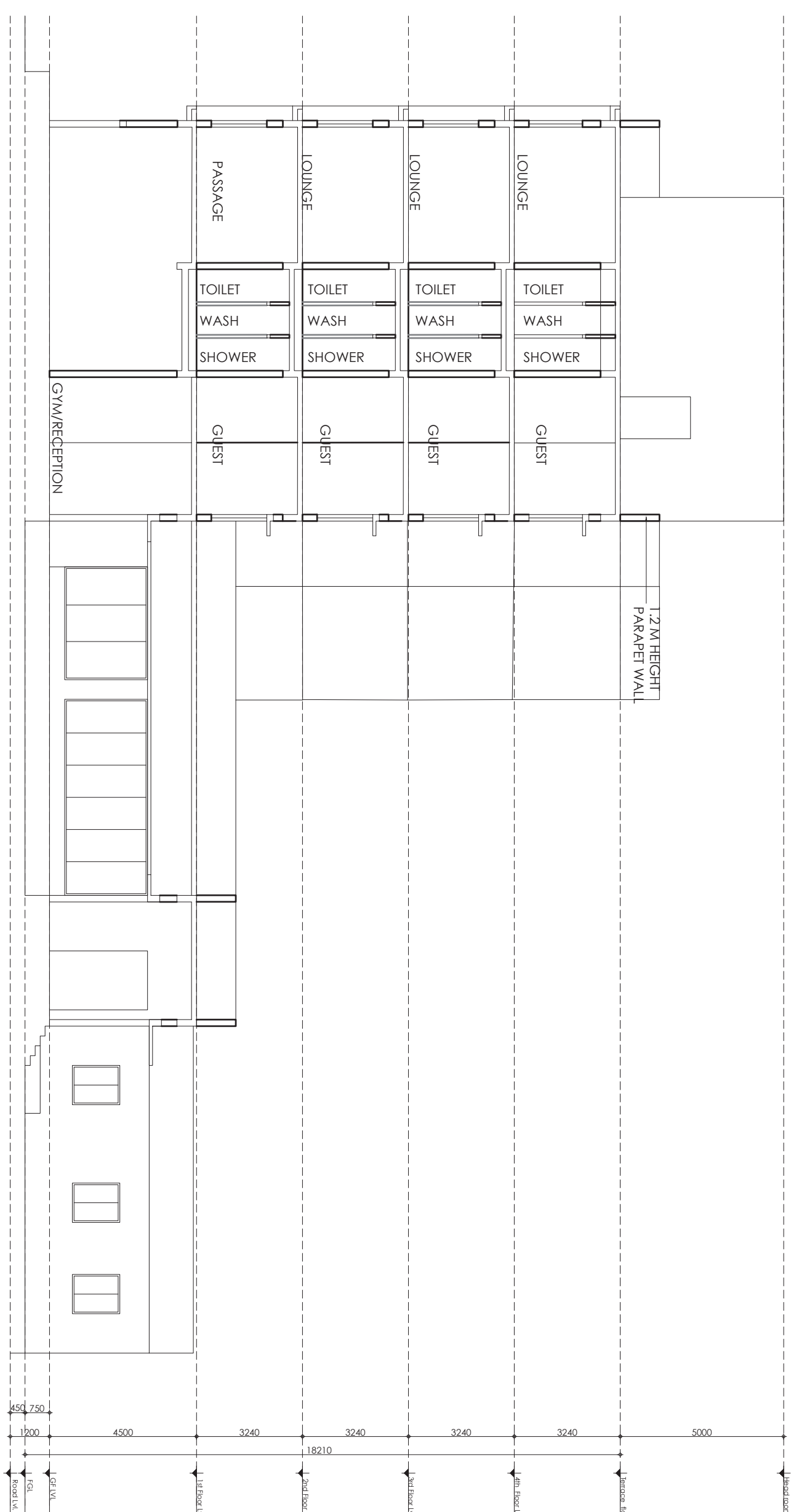
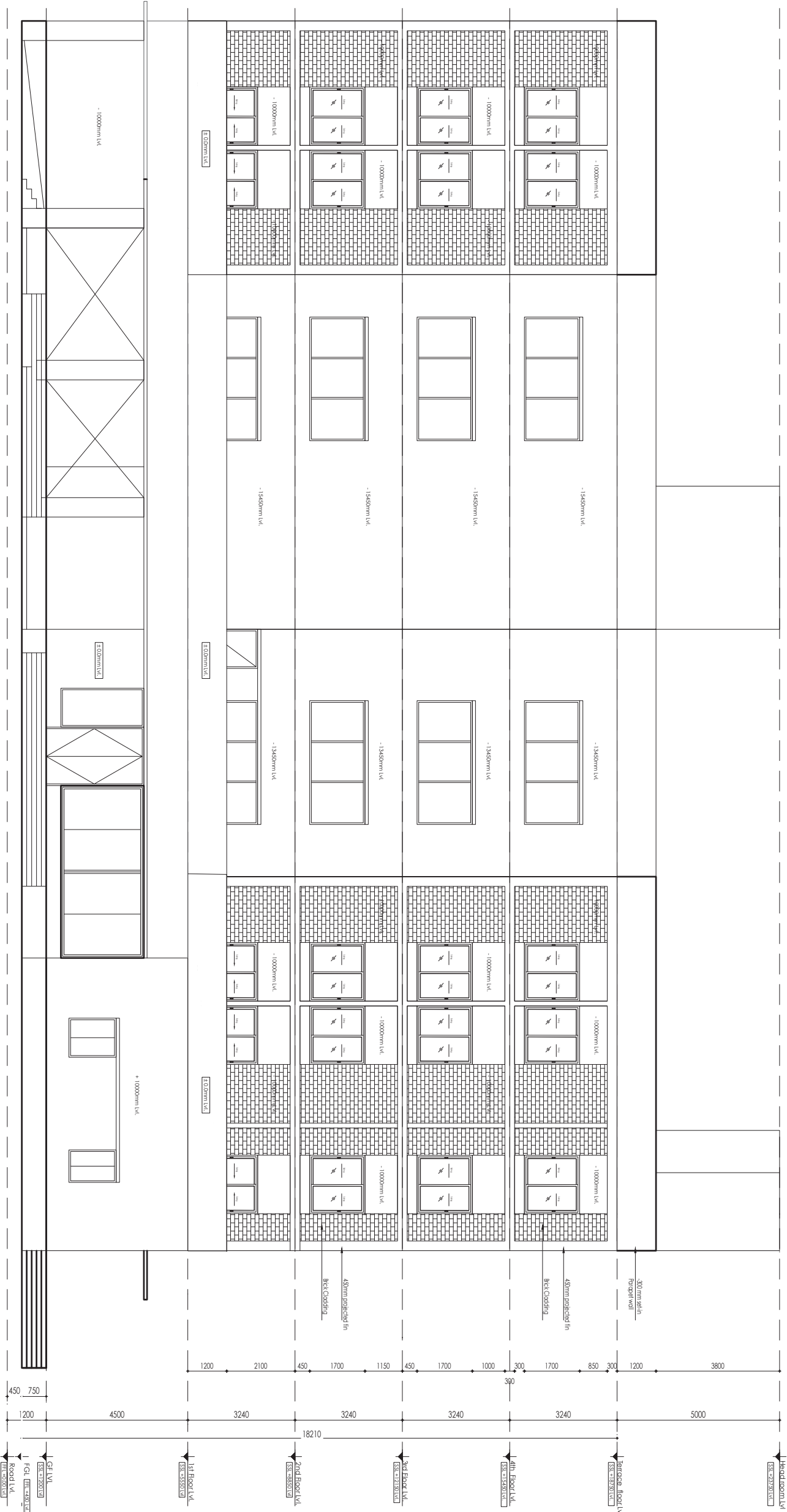
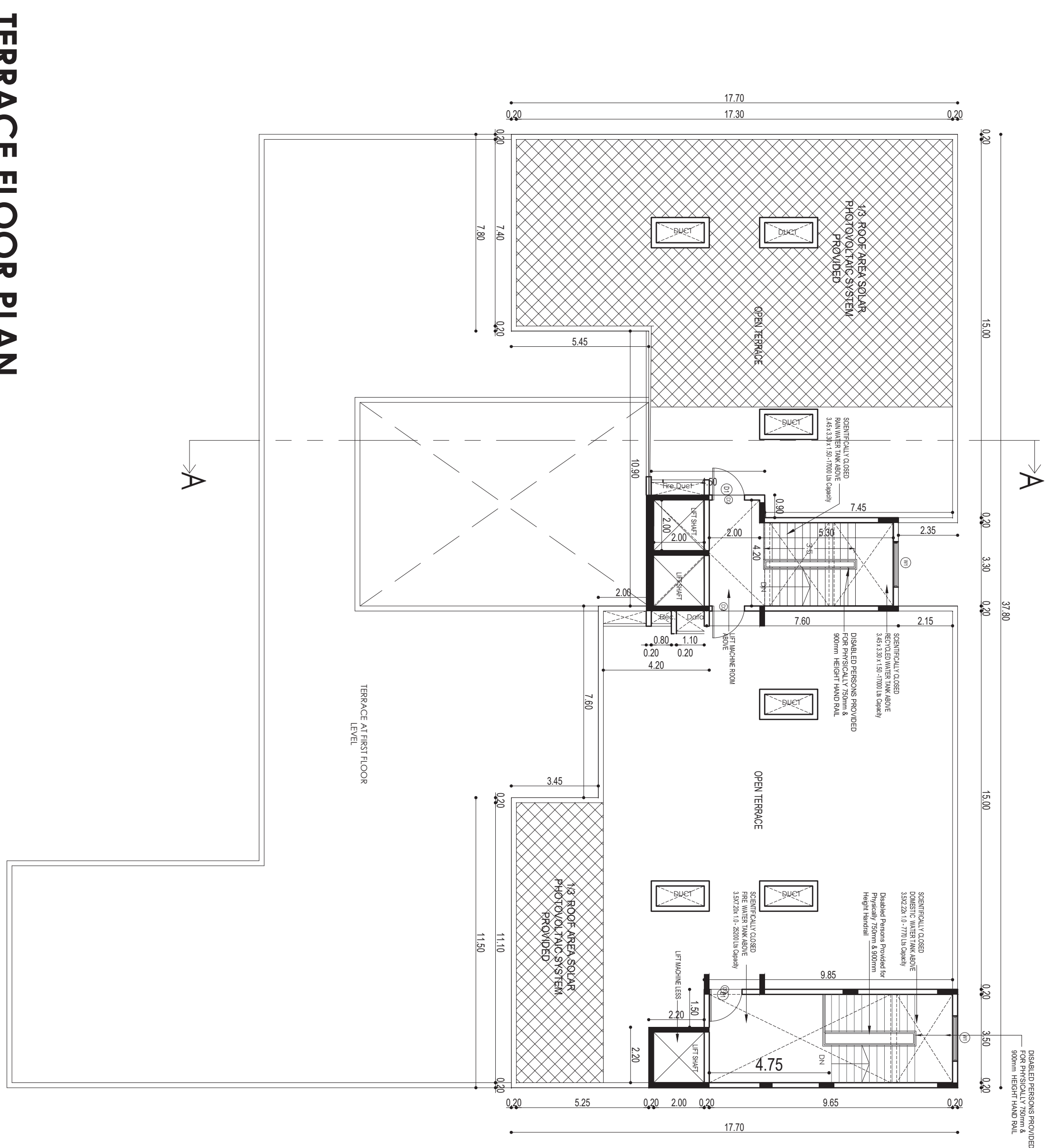
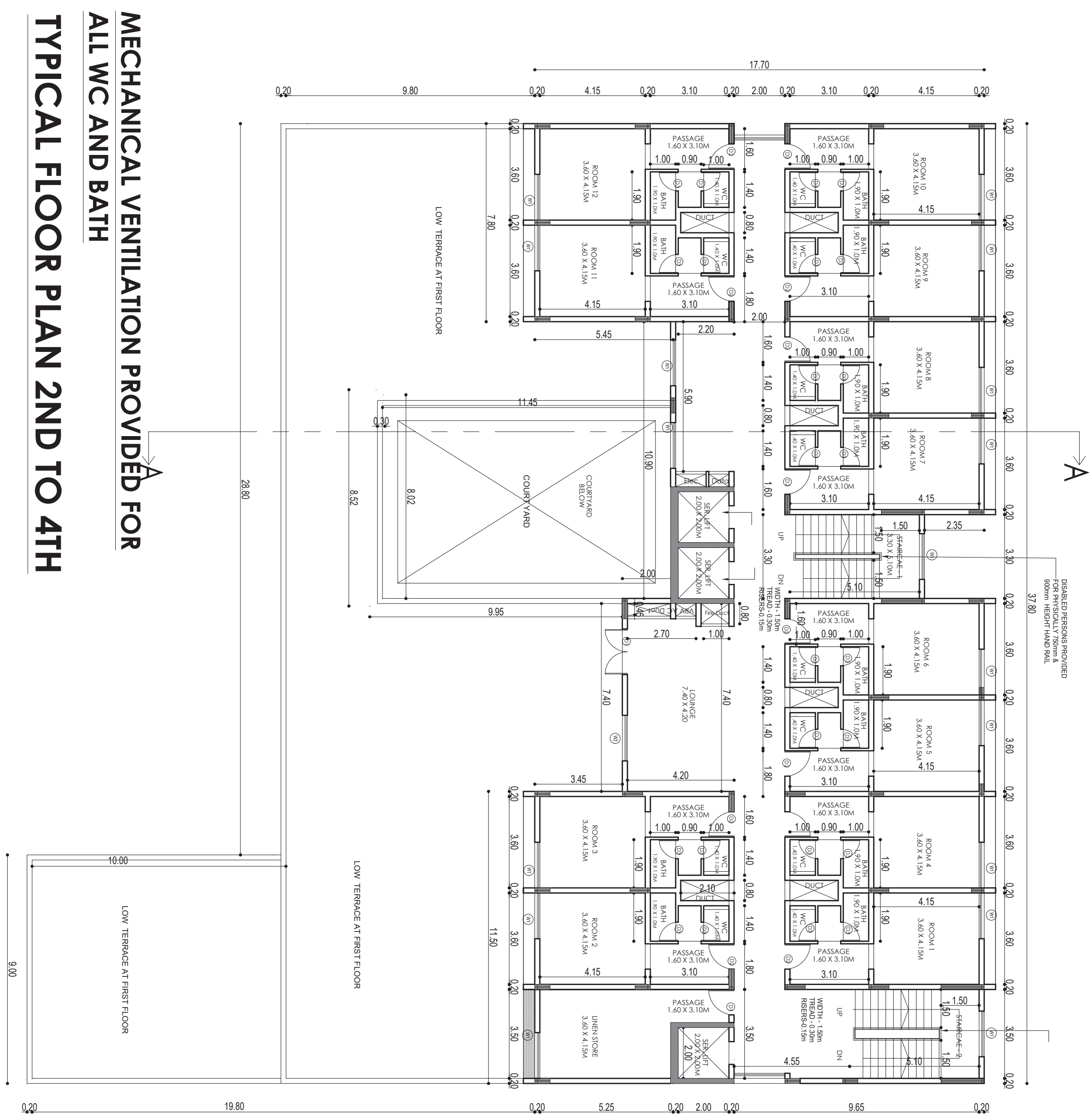
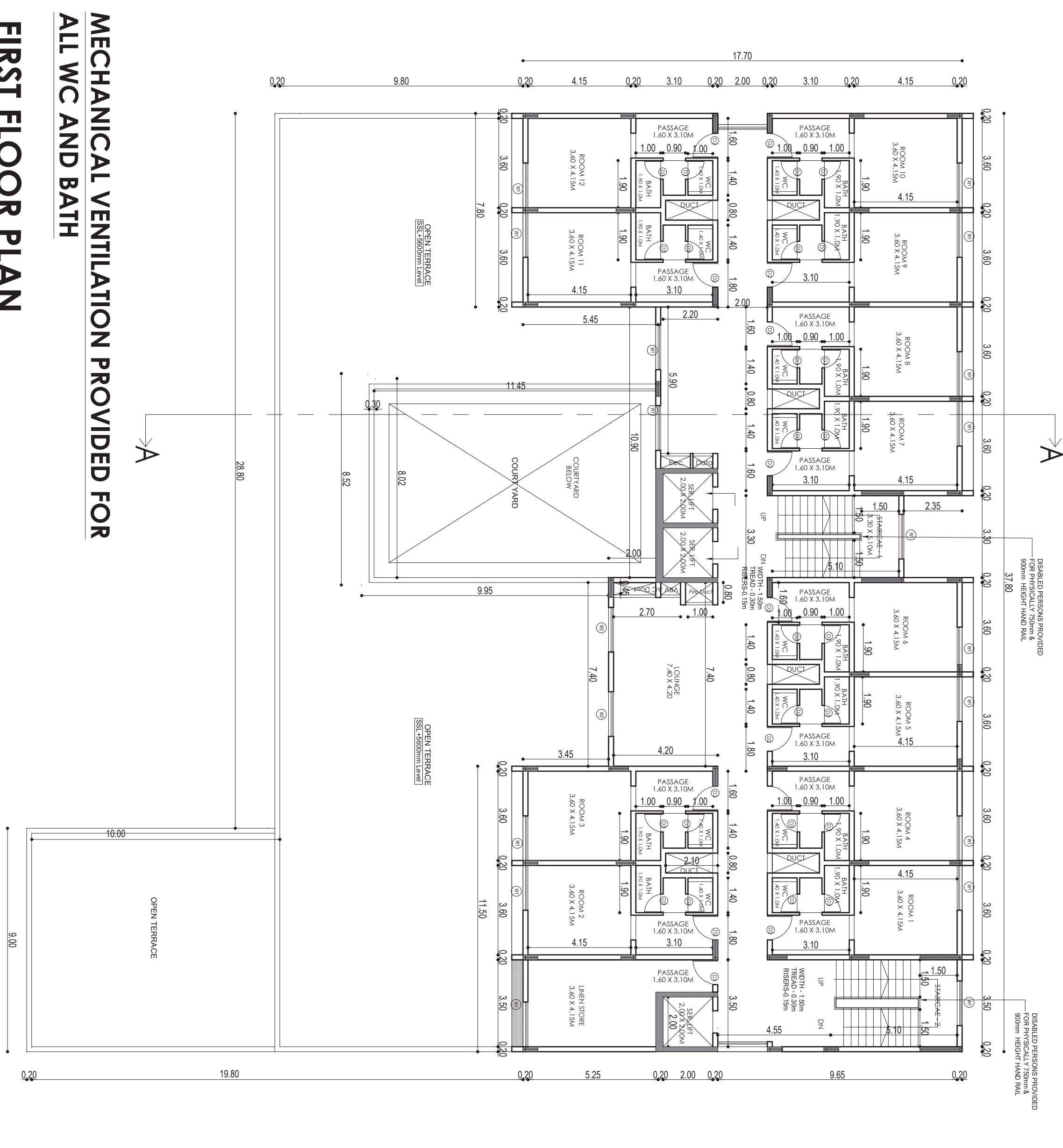
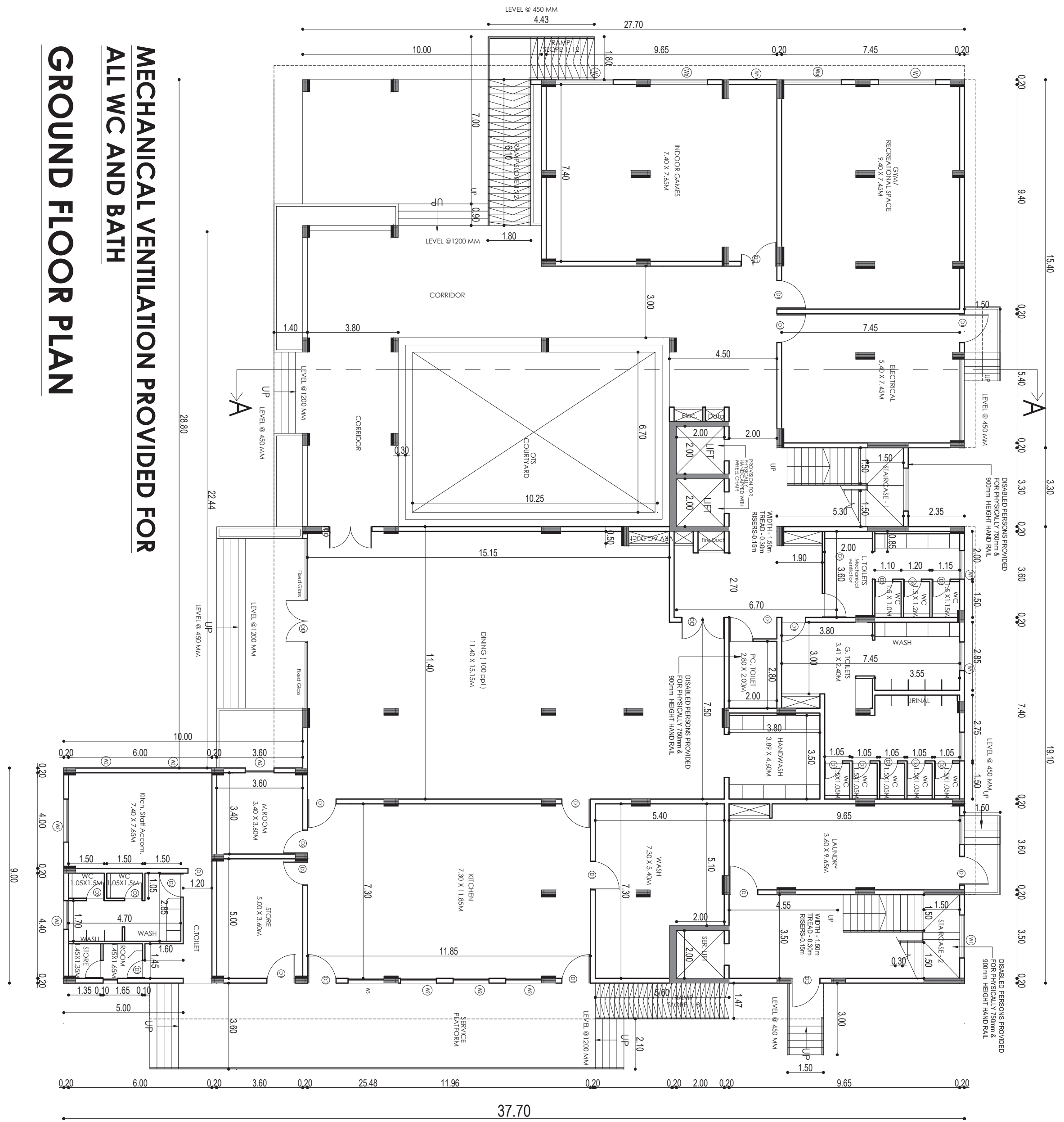


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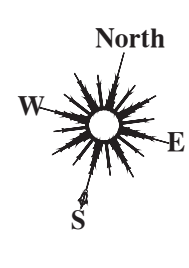
SHEET NO: 06/06

JOB TITLE

PLAN SHOWING THE PROPOSED
INSTITUTION BUILDING (
SOFTWARE/HARDWARE AND OTHER
TRAINING INSTITUTES)FOR CHENNAI
MATHEMATICAL INSTITUTE IN SIPCOT 2ND
MAIN ROAD, EXTENSION AT
PLOT NOS. 4/4A & 7/D/Part (3.78 ACRES) AT
SIPCOT IT PARK, KAZHIPATTU VILLAGE,
THIRUPUR TALUK, CHENNAIPATTU
DISTRICT, TAMIL NADU- 603 703.



SCHEDULE OF JOINTERY		
TYPE	DESCRIPTION	SIZE
D1	Double Door	2.00 X 2.40
BD1	Double Door	1.80 X 3.00
D2	Double Door	1.50 X 3.00
DD3	Double Door	1.20 X 3.00
D1	Door	1.20 X 2.40
D2	Door	0.90 X 2.40
D3	Door	0.75 X 2.40
FD	Fire Door	1.20 X 2.40
W1	Window	3.00 X 2.55
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W3	Window	2.20 X 2.55
W4	Window	2.00 X 2.55
W5	Window	1.80 X 2.55
W6	Window	0.75 X 2.55
V1	Ventilator	1.20 X 2.40
V2	Ventilator	0.75 X 2.40



COLOUR INDICATION	
PROPOSED BUILDING	
PLOT BOUNDARY	
ACCESS ROAD	
REGULARISED BUILDING	

**FLOOR PLAN, SECTION &
ELEVATION
PROPOSED (BLOCK - B)**

OWNER'S SIGNATURE

P. JEGATHESAN, M.E. (Struct.) MILE
REGISTERED STRUCTURAL ENGINEER
DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
REGISTRATION No. CG/RS/SGE/4201/20/020
NEW No. 31/04/06/43, BEYANT MEADU ROAD,
ADYAR, CHENNAI - 600 020.
E-Mail: jegathesan@vsnl.com
Mobile: +91 9865456311

JOB TITLE
PLAN SHOWING THE PROPOSED
INSTITUTION BUILDING (SOFTWARE/HARDWARE AND OTHER
TRAINING INSTITUTES)FOR CHENNAI
MATHEMATICAL INSTITUTE IN SIPCOT 2ND
MAIN ROAD, EXTENSION AT
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SIPCOT IT PARK, KAZHIPATTUR VILLAGE,
THIRUPORUR TALUK, CHENGALPATTU
DISTRICT, TAMIL NADU- 603 103.

SIPCOT APPROVAL LAYOUT NUMBER

ம.ப.மி.தி.ப. (ச.ப. ம.மி) எண்: 39/2021

AREA	STATEMENT	SQFT	SGM
DOCUMENT AREA		1,64,658.19	15297.12

BUILT UP AREA

S.NO	FLOOR	FSI	NON FSI	NETT TWP (GTS)	TOTAL BUA	USAGE
1	GROUND FLOOR	2726.0	0.00	209.30	2936.70	
2	FIRST FLOOR	2212.6	0.00	542.90	2755.50	
3	TERRACE FLOOR (HEAD ROOM + OHT)	0.00	333.60	0.00	333.60	STAIRCASE, LIFT
4	GROUND FLOOR	1055.7	0.00	73.60	1129.30	
4	FIRST FLOOR	562.60	0.00	13.10	575.70	
5	SECOND FLOOR	562.60	0.00	13.10	575.70	
6	THIRD FLOOR	562.60	0.00	13.10	575.70	
7	FOURTH FLOOR	562.60	0.00	13.10	575.70	
8	TERRACE FLOOR (HEAD ROOM + OHT)	0.00	85.20	0.00	85.20	STAIRCASE, LIFT
9	SECURITY ROOM-1	24.00	0.00	0.00	24.00	
10	SECURITY ROOM-2	11.20	0.00	0.00	11.20	
11	GAS BANK	19.20	0.00	0.00	19.20	
12	STP HEAD ROOM	09.70	0.00	0.00	09.70	
TOTAL AREA		8312.80	418.80	874.60	9187.40	

1. FSI = FSI Area / Site area = 8312.80 / 15297.12 = 0.54

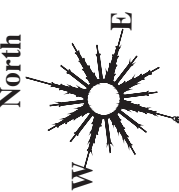
FE - FIRE DETECTING AND EXTINGUISHING SYSTEM PROVIDED.
EA - EMERGENCY ALARM PROVIDED.

COLOUR INDEX

EXISTING ROAD	-	
SITE BOUNDARY	-	
PROPOSED BUILDING	-	
RAINWATER HARVESTING	-	

PARKING DETAIL:-

PARKING CATEGORY	BUA	PARKING CALCULATION	REQUIRED CARS & TWO WHEELERS
BLOCK - 1 TRAINING INSTITUTES			
CAR PARKING	4950.70	4950.70 / 100	49 nos
TWO WHEELER PARKING	4950.70	4950.70 / 80	165 nos
BLOCK - 2 HOSTEL (ONE TWO WHEELER PARKING EVERY 10 ROOMS)			
CAR PARKING	1451.1	CAR PARKING	NA
TWO WHEELER PARKING	1451.1	24 / Room / 10	3 nos
TOTAL CAR PARKING REQUIRED			49 nos
TOTAL TWO WHEELER PARKING REQUIRED			168 nos
TOTAL CAR PARKING PROVIDED			50 nos
TOTAL TWO WHEELER PARKING PROVIDED			178 nos



DRAWING TITLE

SITE PLAN

Handwritten signature of P. Jegatheesan
P. JEGATHEESAN, M.E. (Struct), M.I.E.
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ADYAR, CHENNAI - 600 020.
E-Mail: jegatheesan@burooghees.in
Mobile: +91 9962545631

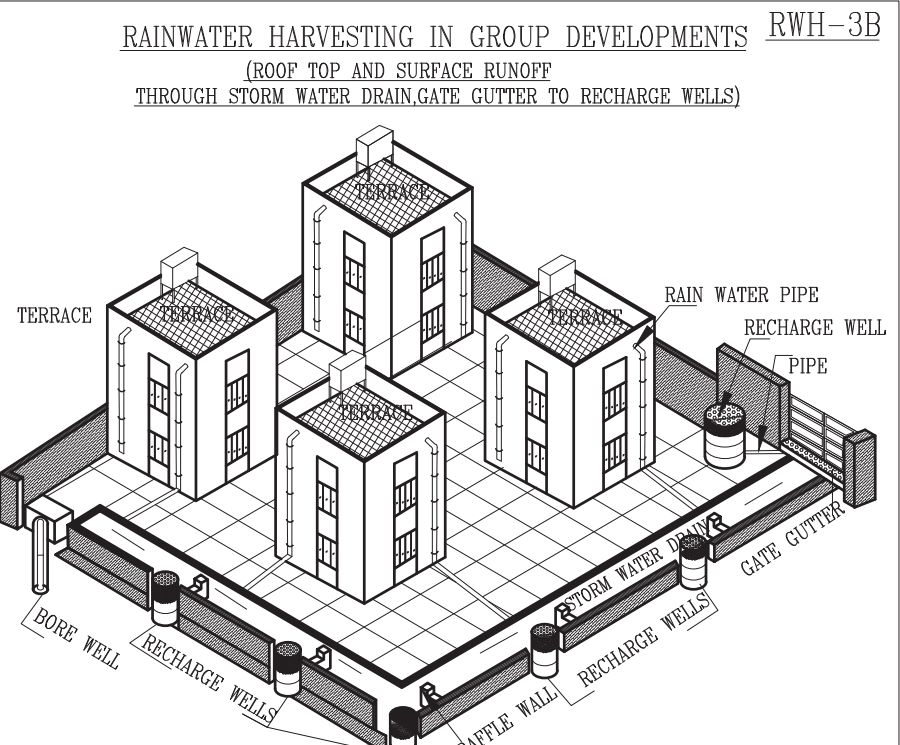
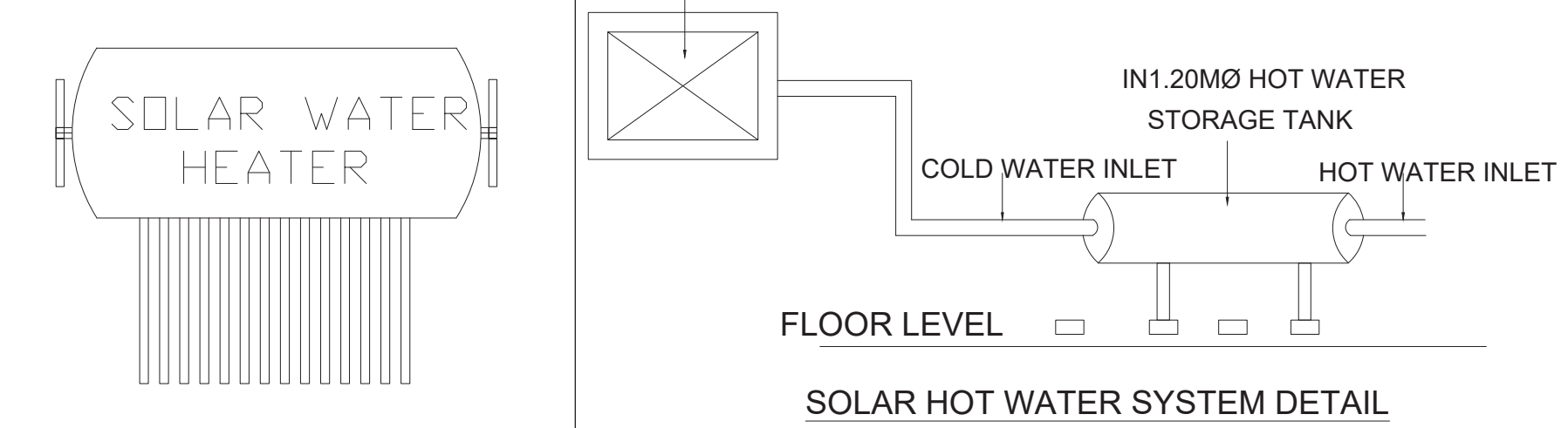
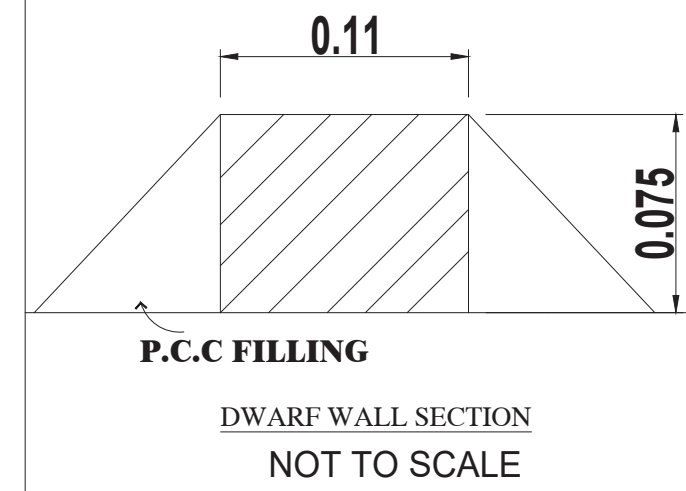
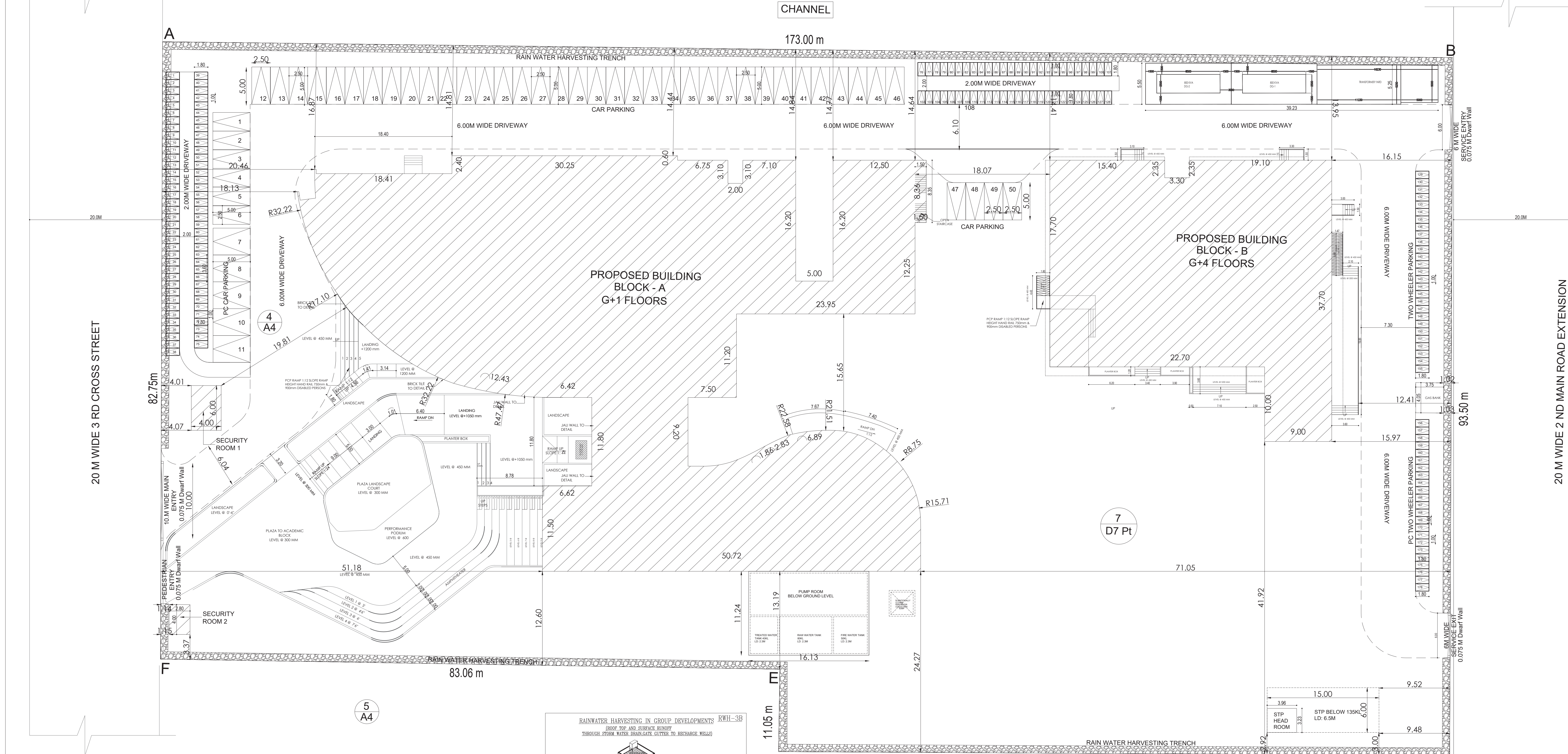
OWNER'S SIGNATURE

Handwritten signature of A. Venkatakrishnan
A. VENKATAKRISHNAN, ARCHT.,
ARCHITECT LICENSED SURVEYOR
CLASS I No. RA.41
DTCP REGN. No. RA/RG/19/07/008
No. 18, THIRD SEAWARD ROAD,
VALMIKI NAGAR, THIRUVANMIYUR,
CHENNAI - 600 041. Ph: 044-2457 2457

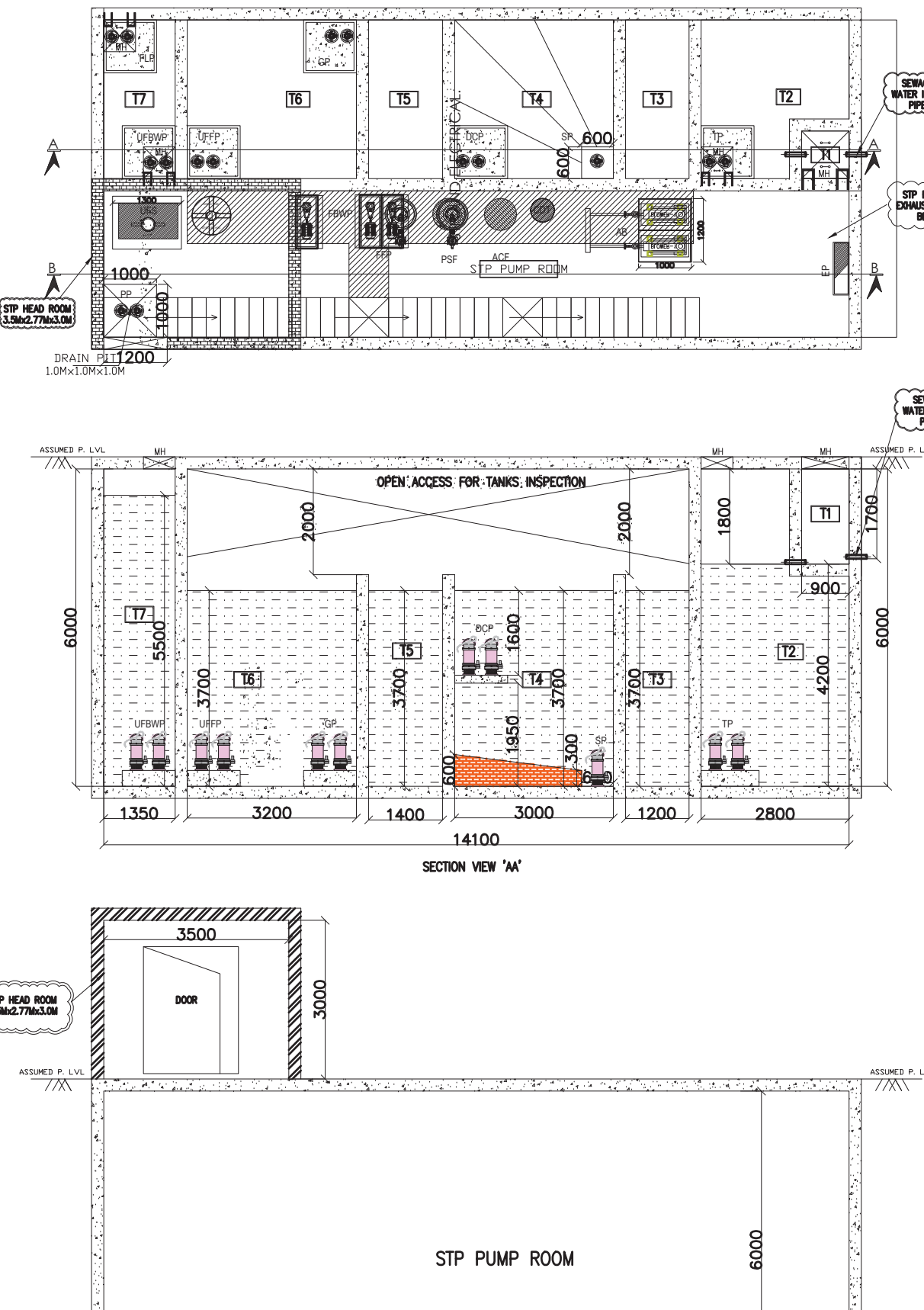
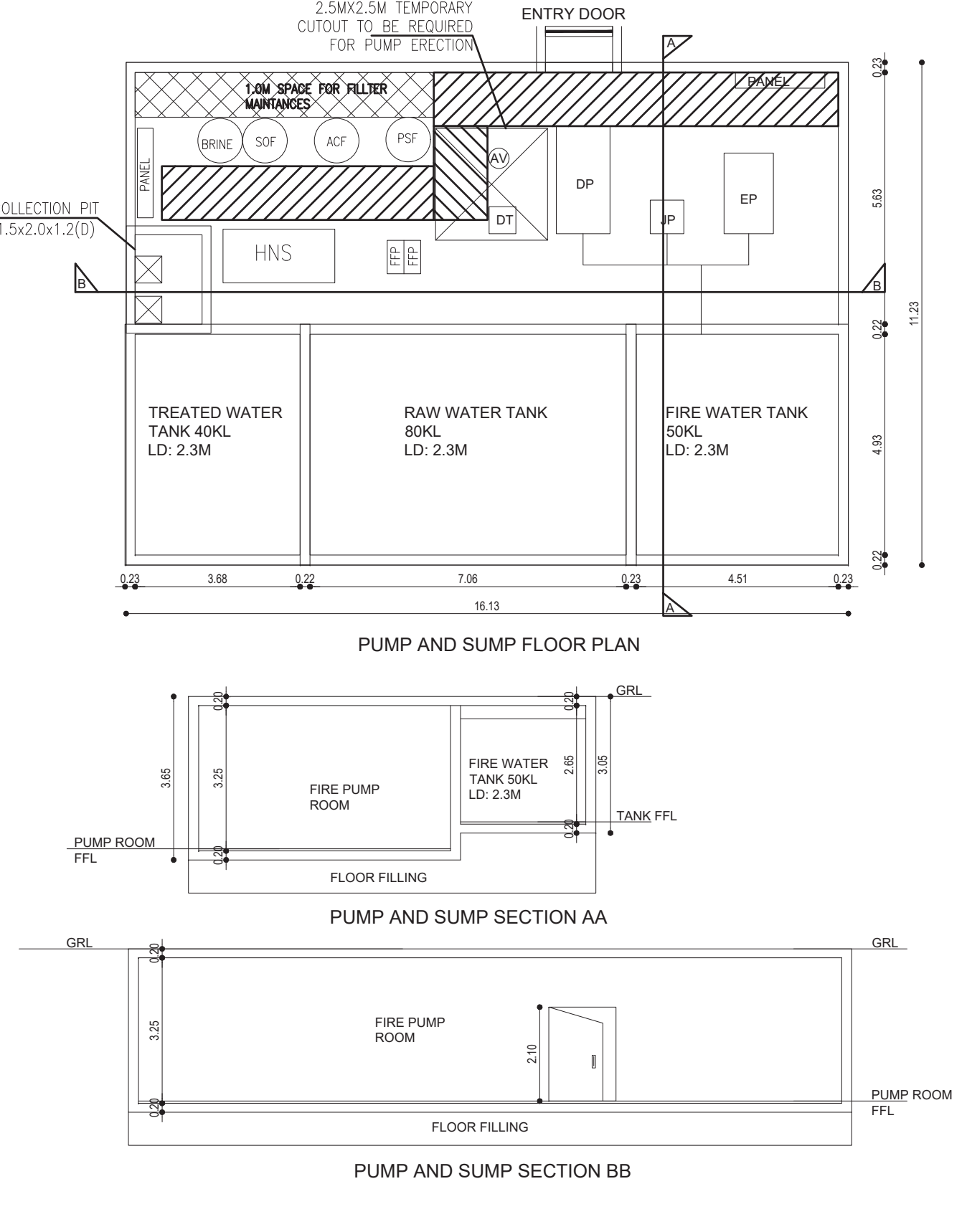
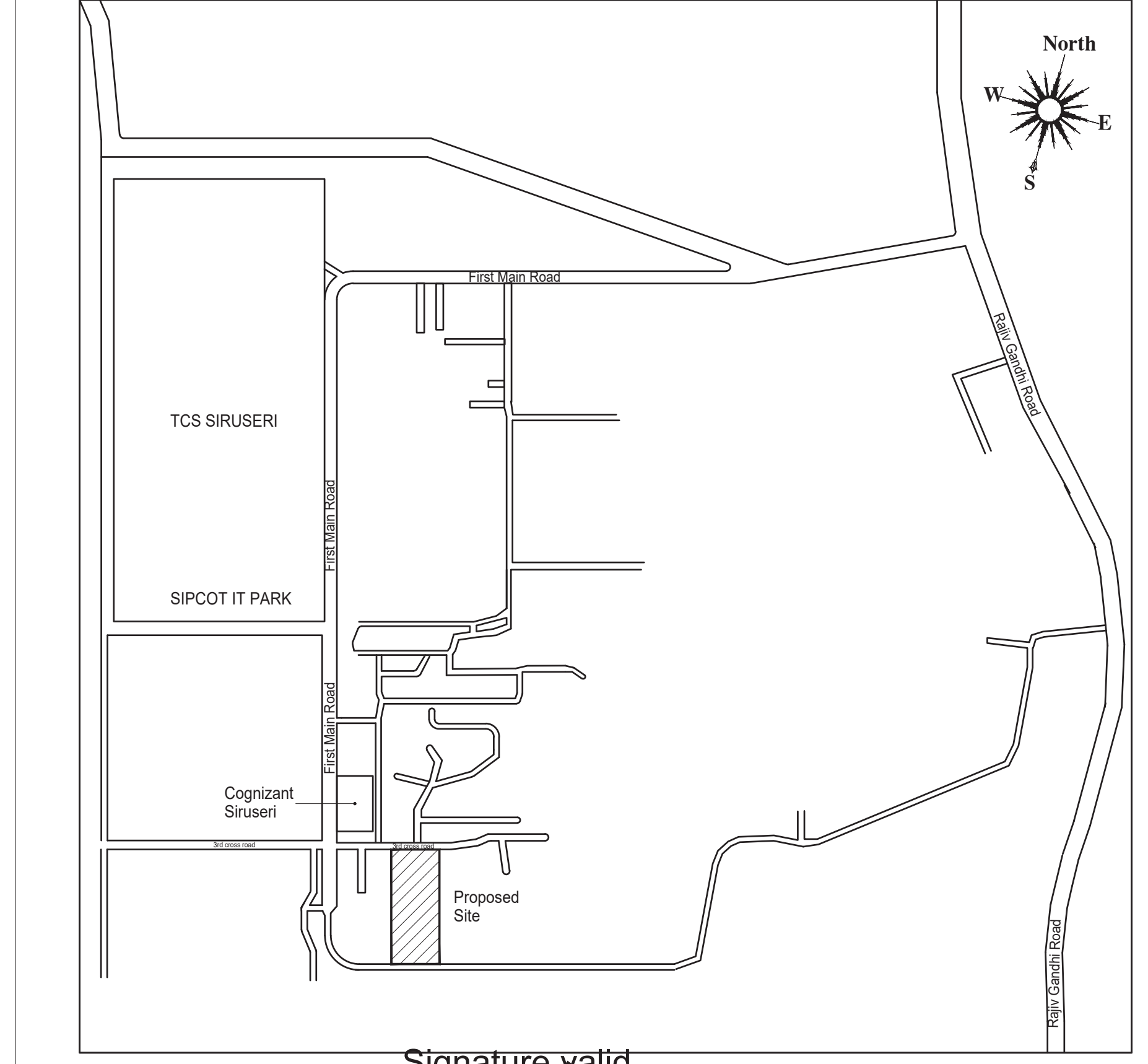
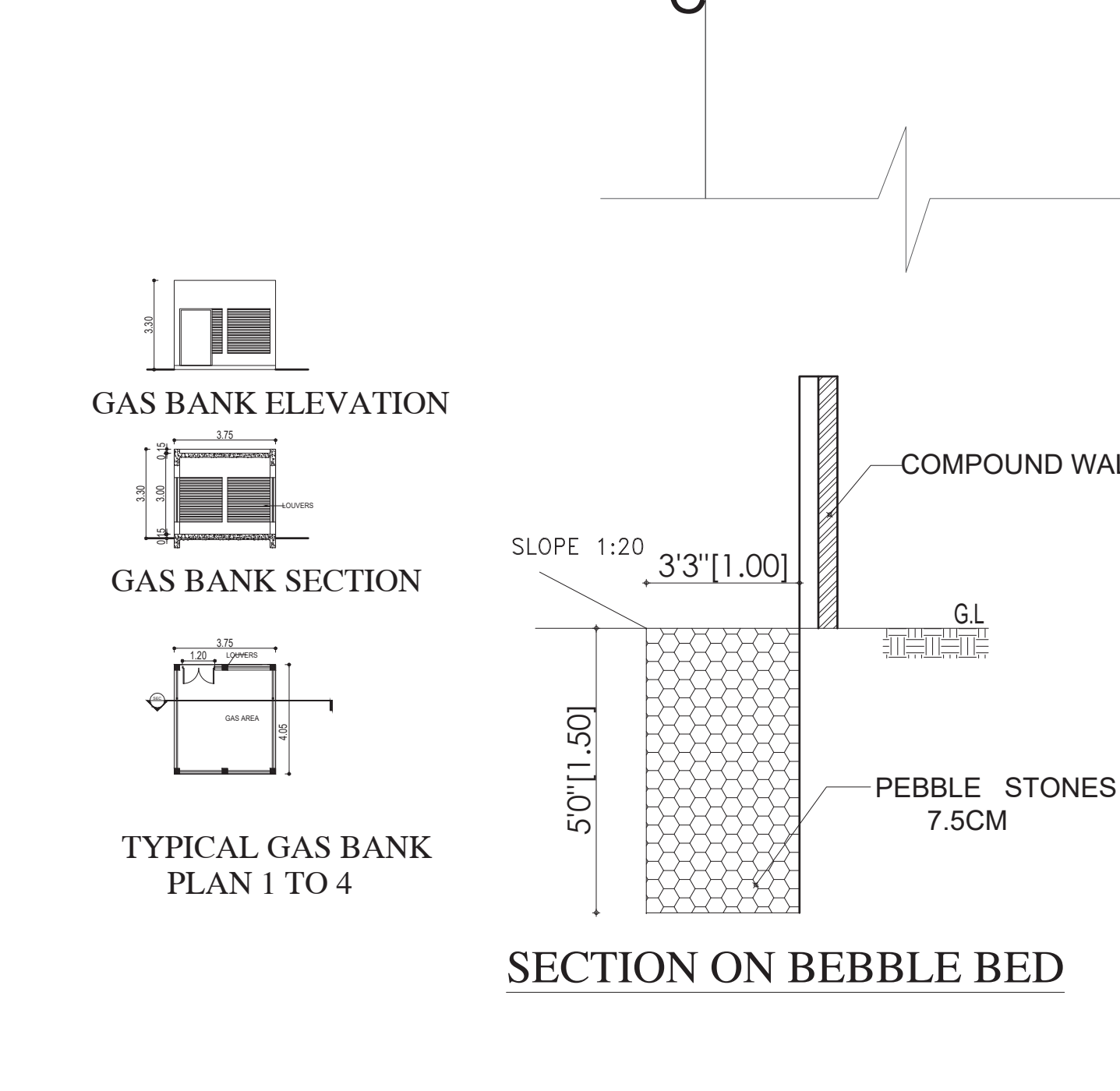
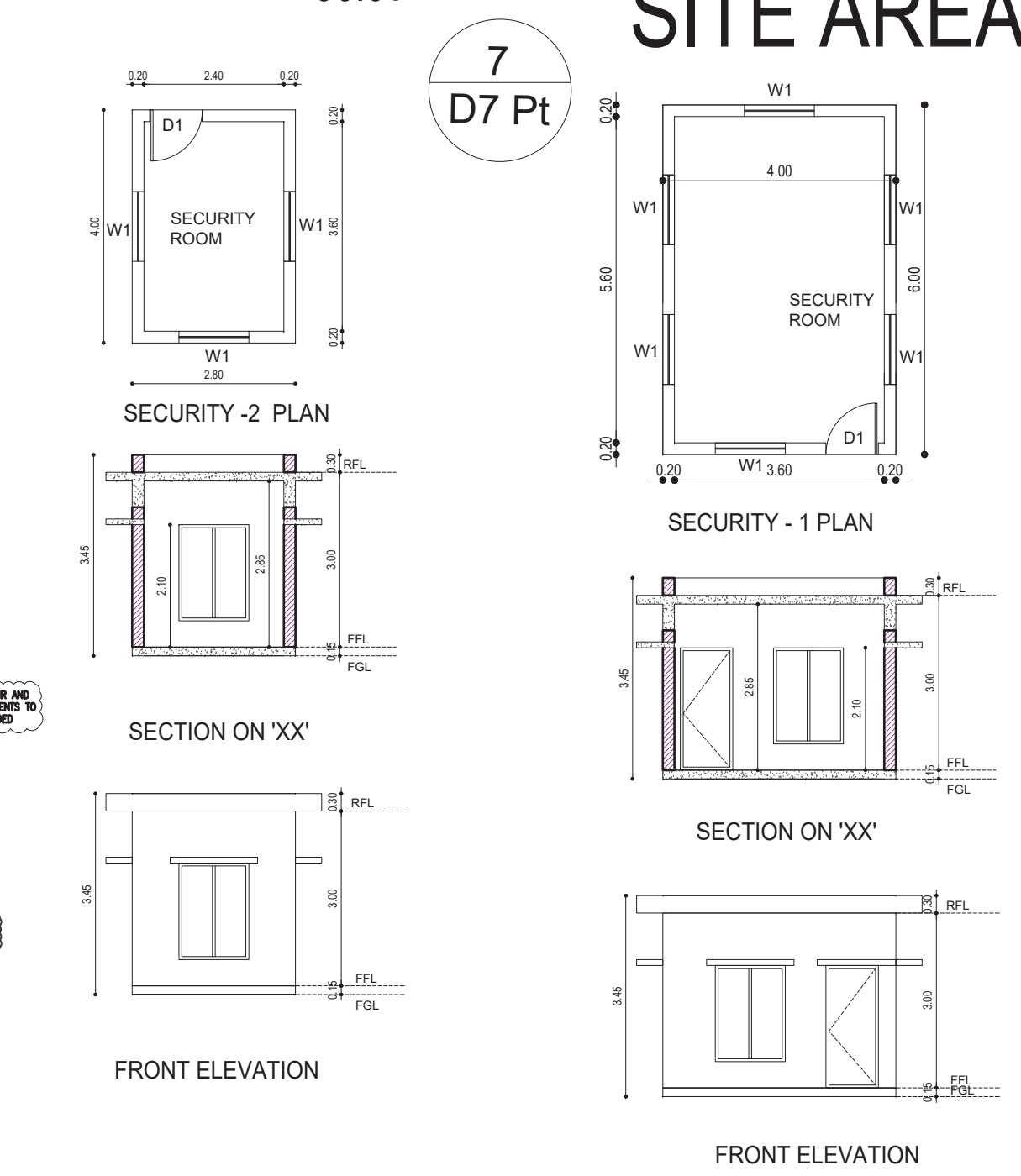
ARCHITECT

Handwritten signature of P. Jegatheesan
P. JEGATHEESAN, M.E. (Struct), M.I.E.
REGISTERED STRUCTURAL ENGINEER
DEPUTY DIRECTOR OF TOWN & COUNTRY PLANNING
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ADYAR, CHENNAI - 600 020.
E-Mail: jegatheesan@burooghees.in
Mobile: +91 9962545631

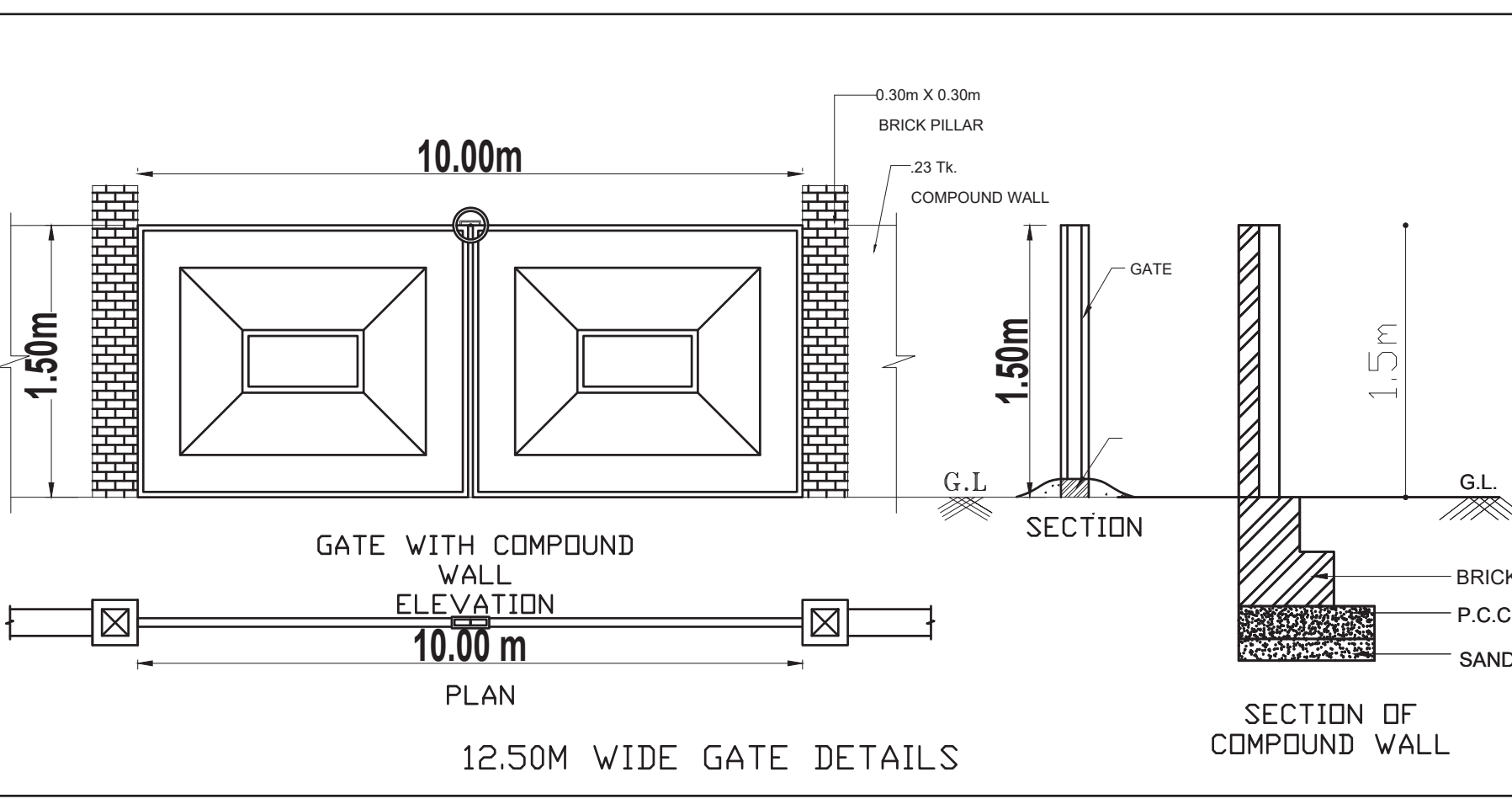
STRUCTURAL ENGINEER



STP PROCESS TANKS VOLUME DETAILS					
TAG No.	SPECIFICATION	TANK SIZES	VOLUME	QTY	MOC
T1	BAR SCREEN	0.9 x 0.9 x 1.8M		1 NO	BCC
T2	COLLECTION TANK	2.8X3.0MX4.0M (INT. LVL. 1.8M)	35 KL	1 NO	BCC
T3	SLUDGE HOLDING TANK	1.5MX3.0MX4.0M (-PB-0.3M)	13 KL	1 NO	BCC
T4	SBR TANK	3.0MX3.0MX4.0M (-PB-0.3M)	33 KL	1 NO	BCC
T5	DECANTING TANK	1.4MX3.0MX4.0M (-PB-0.3M)	16 KL	1 NO	BCC
T6	TREATED WATER TANK	3.1MX3.0MX4.0M (-PB-0.3M)	35 KL	1 NO	BCC
T7	UP TREATED WATER TANK	1.30MX3.0MX3.0M (-PB-0.3M)	22 KL	1 NO	BCC



STP EQUIPMENTS AND BED SIZE DETAILS					
TAG	SPECIFICATION	BED SIZE	QTY	MOC	
TP	TRANSFER PUMP (1W+1S)-SUB	1.0MX1.0MX0.3M	2NOS		
AB	AIR BLOWER (1W+1S)	1.5MX1.0MX0.3M	2NOS	CI	
SP	SLUDGE PUMP (1W+1S)-MONO	1.0MX1.0MX0.3M	2NOS		
FFP	FILTER FEED PUMP (1W+1S)-MONO	1.0MX1.0MX0.3M	2NOS		
PSF	PRESSURE SAND FILTER	40.8MX1.5M NOS	1NO	MSP	
ACF	ACTIVATED CARBON FILTER	40.8MX1.5M NOS	1NO	MSP	
CDT	CHEMICAL DOSING TANK	1.0MX1.0MX0.3M	1NO	PP	
UFS	ULTRA FILTRATION SYSTEM	1.5MX1.0MX0.3M	1NO	ME	
UFFP	UF FEED PUMP (1W+1S)-MONO	1.0MX1.0MX0.3M	2NOS		
UBWP	UF BACKWASH PUMP (1W+1S)-MONO	1.0MX1.0MX0.3M	2NOS		
QT	CHEMICAL INPUT TANK	300 LITRES	1NO	SMTEX	
GP	GARDEN PUMP	1.0MX1.0MX0.3M	2NOS		
FLP	FLUSHING PUMP	1.0MX1.0MX0.3M	2NOS		
EP	ELECTRICAL PANEL	1.5MX0.3MX0.3M	1NO	ME	



Signature valid
NOT TO SCALE