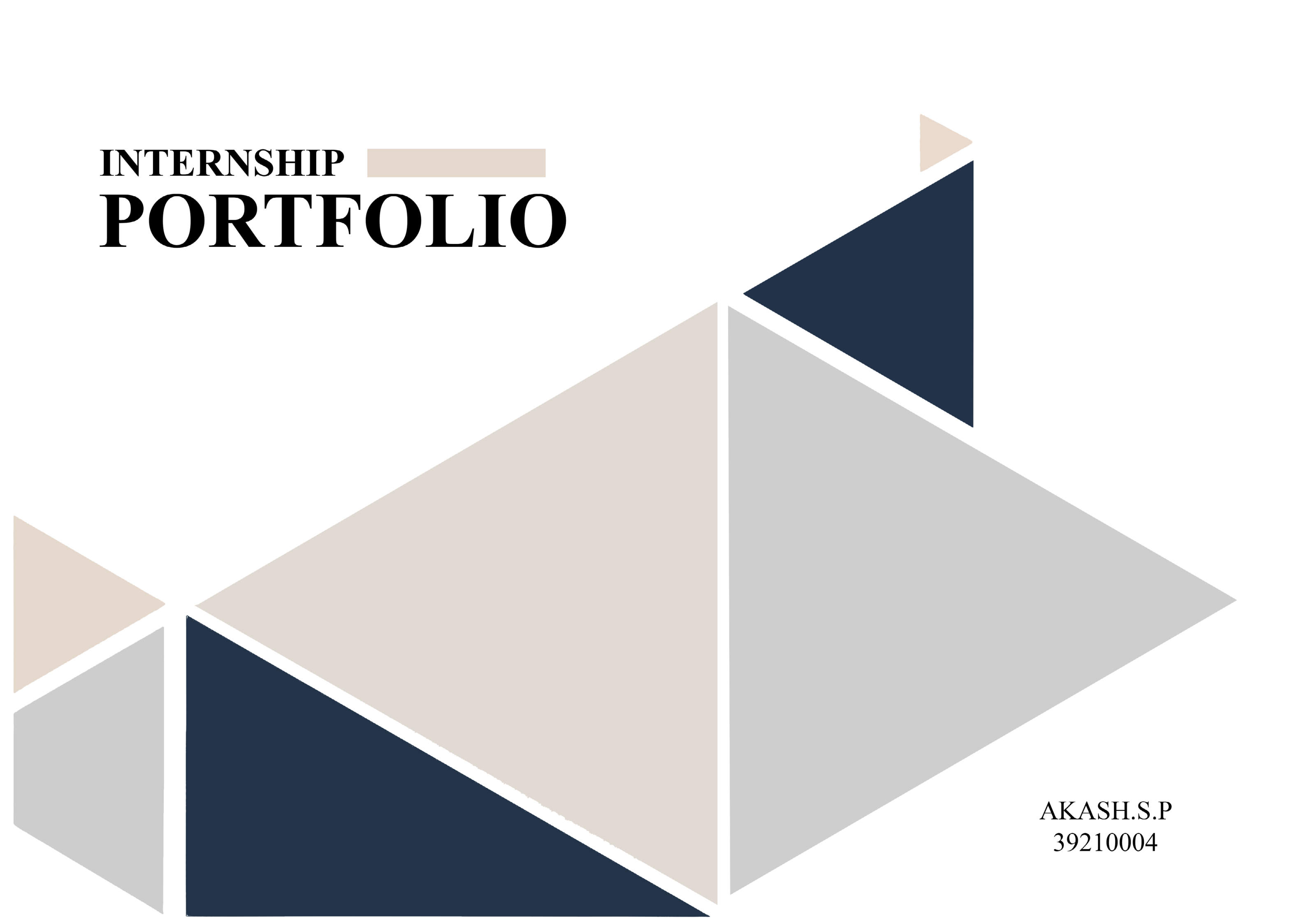


INTERNSHIP PORTFOLIO

An abstract geometric design featuring several triangles in beige, dark blue, and light grey. A small beige triangle is at the top right. A large dark blue triangle is in the upper right. A large light grey triangle is in the lower right. A large beige triangle is in the center. A dark blue triangle is in the lower left. A light grey triangle is in the bottom left. A beige triangle is on the left side.

AKASH.S.P
39210004



SATHYABAMA

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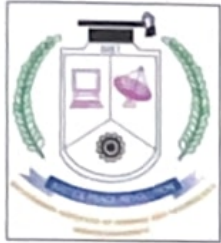
SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
PRACTICAL TRAINING PORTFOLIO (SAR4063)
DEC 2022

Name of the Student : **AKASH S P**

Batch : **2019 - 2024**

Reg No. : **39210004**

Semester : **VII**



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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

VIVA-VOCE EXAMINATION

This is to certify that the practical training SAR 4063 is the work of **S.P.AKASH** who had undergone training in **LARSEN & TOUBRO** and has been monitored by the continuous assessment during JUNE 2022 to NOVEMBER 2022.

Dr. Devyani Gangopadhyay
DEAN

Submitted for Viva voce Examination held on 13.12.2022

Internal Examiner

External Examiner



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DECLARATION

I, **S.P.AKASH**, hereby declaring that the Training Report **JUNE 2022 to SEPTEMBER 2022** done by me under the guidance of **Ar.NAGALINGAM.R** is submitted in partial fulfillment of the requirements for the completion of a practical training session.

DATE : 13.12.2022

PLACE : CHENNAI



SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to the Board of **Management of SATHYABAMA** for their kind encouragement in doing this practical training and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr.Devyani Gangopadhyay**, Dean, School of Building and Environment and **Ar.Sarath Chandra Kanth**, Design Chair, Department of Architecture for having been a constant source of support and encouragement.

I wish to express my thanks to all Teaching and Non-teaching staff members of the Department who were helpful in many ways for the completion of the project.

I also wish to thank **Ar.NAGALINGAM.R**, for the experience of interning at their Firm.



Larsen & Toubro Limited,
Construction
Buildings & Factories
P. B. No. 979, Mount Poonamallee Road,
Manapakkam,
Chennai - 600 089, INDIA
Tel : +91-44-2252 6000, 2252 8000
Fax : +91-44-2259 7288
www.Lntec.com

B&F IC/EDRC-HR/Training/566-2022

23 May 2022

Head of the Department
Sathyabama Institute of Science & Technology
Kamarajan Nagar, Semmencheri Chennai,

Dear Sir/Madam,

Sub: Project Training

This has reference to your letter dated regarding Project Training for your student, **Akash**. As a special case, we agree to admit him for Project Training from **01/06/2022 to 29/08/2022**

Please advise him to carry 3 Passport size photographs, copy of his College ID card and Aadhar card copy while reporting for the project training.

Please note that:

- He has to undergo the training without any financial commitment to our Company and fully at his own risk and responsibility.
- He must strictly comply with safety & other rules applicable at the project site/Office.
- He will be awarded his Project Training completion certificate on submission of the Project Report.

Thanking You,

Yours faithfully,
For LARSEN & TOUBRO LIMITED

SUNEET KUMAR
DGM - HUMAN RESOURCES

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www.Lntec.com

LTC-HQ/B&F/EDRC-HR/Training/566-2022

03 December 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. AKASH. S. P (39210004)** from **Sathyabama Institute Of Science & Technology , Chennai** has undergone his project internship at our Engineering Design & Research Centre (EDRC) – Headquarters from **01 June 2022 to 30 September 2022**.

We wish him all the best for his future endeavors.

Yours faithfully,

for LARSEN & TOUBRO LIMITED

SUNEET KUMAR
DGM - HUMAN RESOURCES

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JOINING & COMPLETION LETTER





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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : L & T CONSTRUCTION
2. Address & Contact Number : MANAPAKKAM, CHENNAI
3. Name of the student : AKASH . S . P .
4. Duration : From 01.06.2022 To 01.07.2022
5. Total No. of days : 24

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Participation in the office		✓			
Reading of drawings	✓				
Presentation Techniques	✓				
Model making works		✓			
Understanding of construction details		✓			
Drafting Skills (Manual / Computer)	✓				
Site Supervision / Discussion with clients					
Adherence to Time schedule	✓				
Other computer skills		✓			
File and Office Maintenance	✓				
Coordination with other consultants	✓				
Overall Grading*	B				

(A - 9.0, B - 8.0, C - 7.0, D - 6.0, E - 5.0)



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7. Any other Remarks : _____

8. Signature of the:
Head of the Office
/ Organization
(With Seal)



MONTHLY REPORT





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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : L H T CONSTRUCTION .
2. Address & Contact Number : MANAPAKKAM, CHENNAI.
3. Name of the student : AKASH.S.P.
4. Duration : From 01.07.2022 To 01.08.2022
5. Total No. of days : 26

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Participation in the office		✓			
Reading of drawings	✓				
Presentation Techniques	✓				
Model making works		✓			
Understanding of construction details	✓				
Drafting Skills (Manual / Computer)	✓				
Site Supervision / Discussion with clients	✓				
Adherence to Time schedule	✓				
Other computer skills		✓			
File and Office Maintenance	✓				
Coordination with other consultants	✓				
Overall Grading*	9				

(A - 9.0, B - 8.0, C - 7.0, D - 6.0, E - 5.0)



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7. Any other Remarks : _____

8. Signature of the:
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/ Organization
(With Seal)



MONTHLY REPORT





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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : LAT CONSTRUCTION.
2. Address & Contact Number : MANAPAKKAM, CHENNAI
3. Name of the student : AKASH.S.P.
4. Duration : From 01.08.2022 To 01.09.2022
5. Total No. of days : 24.

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Participation in the office	✓				
Reading of drawings	✓				
Presentation Techniques	✓				
Model making works		✓			
Understanding of construction details		✓			
Drafting Skills (Manual / Computer)		✓			
Site Supervision / Discussion with clients		✓			
Adherence to Time schedule	✓				
Other computer skills	✓				
File and Office Maintenance		✓			
Coordination with other consultants	✓				
Overall Grading*	9				

(A - 9.0, B - 8.0, C - 7.0, D - 6.0, E - 5.0)



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7. Any other Remarks :

8. Signature of the:
Head of the Office
/ Organization
(With Seal)



MONTHLY REPORT



GENERAL AKNOWLEDGEMENT

As an enthusiastic intern,I see this opportunity as a way to contribute to the dynamic organisation Larsen & Toubro Construction,having a versatile ortfolio. I got to learn something everyday from discipline to time management,communication and software skills and various other suitable for future working environment.

Training in the company excited me as it gave a chance to explore and gain knowledge with respect to Architectural details,interiors,on site activities, and also an additional scope of learning about client meetings with consultants and vendors on the projects that they deal with.

The training period helped me understand the process and time it takes for design to transform from sketch to real time project. It also made me realize the profound expertise with various constraints and broad spectrum of people we deal with to execute a project.





Larsen & Toubro is an Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services. It operates in over 50 countries worldwide. A strong, customer-focused approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business for over eight decades.

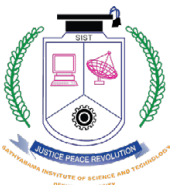
L&T Construction is a division of Larsen & Toubro (L&T) a major Indian technology, engineering, construction, manufacturing and financial services conglomerate, with global operations. L&T addresses critical needs in key sectors - Hydrocarbon, Infrastructure, Power, Process Industries and Defence - for customers in over 30 countries around the world.

L&T is engaged in core high impact sectors of the economy and our integrated capabilities span the entire spectrum of 'design to deliver'. With over 8 decades of a strong, customer focused approach and a continuous quest for world-class quality, we have unmatched expertise across Technology, Engineering, Construction, Infrastructure Projects and Manufacturing.



WORK DAIRY

WEEKS	PROJECT NAME	WORK DONE
WEEK 1 (31.05.2022 -04.06.2022)	DATA CENTRE-CHENNAI	DETAIL DRAWING-STAIRCASE
WEEK 2 (06.06.2022 - 11.06.2022)	DATA CENTER-CHENNAI	DETAIL DRAWING-ANCILARY BUILDINGS
WEEK 3 (13.06.2022 -18.06.2022)	DATA CENTRE-CHENNAI	BOQ FOR ANCILARY BUILDINGS
WEEK 4 (20.06.2022 -25.06.2022)	DATA CENTRE-MUMBAI	DETAIL DRAWING-FINISHERS
WEEK 5 (27.06.2022 -02.07.2022)	DATA CENTRE-MUMBAI	DETAIL DRAWING-FINISHERS
WEEK 6 (04.07.2022 -09.07.2022)	OFFICE PROJECT-CHENNAI	SEATING LAYOUT
WEEK 7 (11.07.2022 -16.07.2022)	OFFICE PROJECT-CHENNAI	SEATING LAYOUT
WEEK 8 (18.07.2022 -23.07.2022)	DATA CENTER-CHENNAI	AREA STATEMENT
WEEK 9 (25.07.2022 -30.07.2022)	DATA CENTER-PANVEL	AREA STATEMENT
WEEK 10 (01.08.2022 -06.08.2022)	DATA CENTER-MUMBAI	LANDSCAPES-MASTER PLAN
WEEK 11 (08.08.2022 -13.08.2022)	DATA CENTER-MUMBAI	LANDSCAPES-HARDSCAPES
WEEK 12 (15.08.2022 -20.08.2022)	DATA CENTER-MUMBAI	LANDSCAPES-SOFTSCAPES
WEEK 13 (22.08.2022 -27.08.2022)	OFFICE PROJECT - CHENNAI	MODEL MAKING & FAÇADE RENDERS
WEEK 14 (29.08.2022 -03.09.2022)	OFFICE PROJECT - CHENNAI	MODEL MAKING & FAÇADE RENDERS
WEEK 15 (05.09.2022 -10.09.2022)	DATA CENTER-MUMBAI SITE VISIT	SITE VISIT AND LANSCAPE DRAWING COMMENTS INCORPORATION COMMENTS
WEEK 16 (12.09.2022 -17.09.2022)	DATA CENTER-CHENNAI	COMMENT INCORPORATION ON DETAIL DRAWING SHEETS
WEEK 17 (19.09.2022 -24.09.2022)	DATA CENTER-MUMBAI	COMMENT INCORPORATION ON DETAIL DRAWING SHEETS



**C
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*DETAIL DRAWINGS
(STAIRCASE,MAIN
GUARD ROOM,
FINISHERS,
SECURITY ROOM)*

*AREA STATEMENT
(CHENNAI PROJECT
&
PANVEL PROJECT)*

*VIEWS
(EXTERIOR
RENDERS)*

*SEATING LAYOUT
(CHENNAI OFFICE
BUILDING)*

*LANDSCAPES
(MASTERPLAN,
HARDSCAPES,*

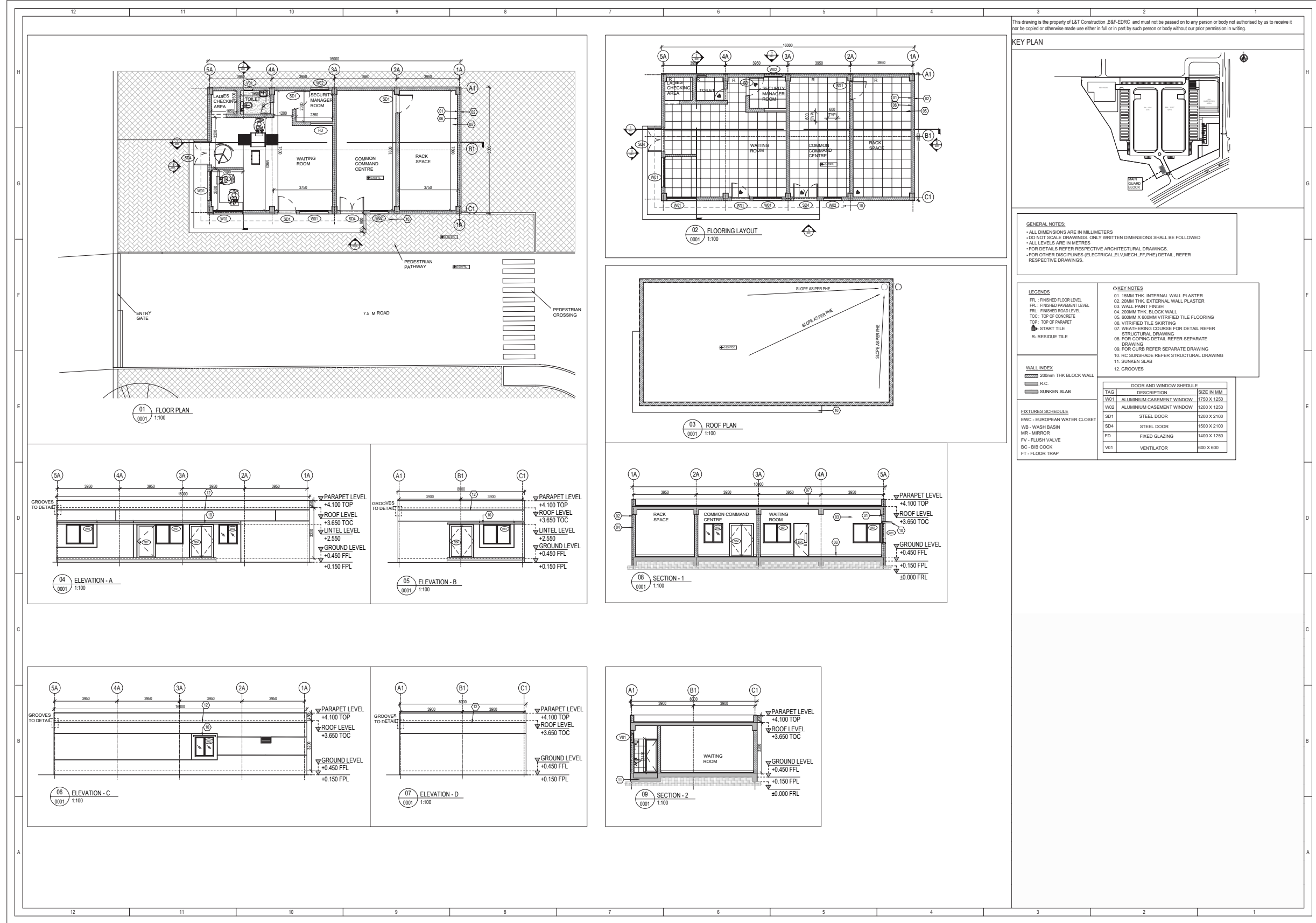
SITE VISIT







DATA CENTRE PROJECT



DETAIL DRAWING

DATA CENTRE PROJECT





BOQ

DATA CENTRE PROJECT



MAIN GUARD ROOM						
BLOCK WORK						
ROOM NAME	UNIT	NUMBER	WALL THICKNESS	LENGTH	HEIGHT	VOLUME
	cum	1	0.2	7.1	3.05	4.331
DEDUCT SD4		-1	0.2	1.5	2.1	-0.63
DEDUCT W01		-1	0.2	1.75	1.2	-0.42
	cum	1	0.2	7.25	3.05	4.4225
DEDUCT W01		-2	0.2	1.75	1.2	-0.84
DEDUCT SD1		-1	0.2	1.2	2.1	-0.504
	cum	1	0.2	7.1	3.05	4.331
	cum	1	0.2	7.25	3.05	4.4225
DEDUCT W02		-1	0.2	1.2	1.2	-0.288
DEDUCT VENTILATOR		-1	0.2	0.6	0.6	-0.072
	cum	1	0.2	1.5	3.05	0.915
	cum	1	0.2	1.45	3.05	0.8845
DEDUCT DOOR		-1	0.2	0.75	2.1	-0.315
	cum	1	0.2	3.95	3.05	2.4095
DEDUCT OPENING		-1	0.2	0.95	2.1	-0.399
	cum	1	0.2	2.2	3.05	1.342
DEDUCT SD1		-1	0.2	1.2	2.1	-0.504
	cum	1	0.2	2.55	3.05	1.5555
DEDUCT FIXED GLAZING		-1	0.2	1.4	1.2	-0.336
	cum	1	0.2	3.65	3.05	2.2265
DEDUCT SD4		-1	0.2	1.5	2.1	-0.63
	cum	1	0.2	7.1	3.05	4.331
DEDUCT SD1		-1	0.2	1.2	2.1	-0.504
	cum	1	0.2	3.65	3.05	2.2265
	cum	1	0.2	3.65	3.05	2.2265
	cum	1	0.2	7.1	3.05	4.331
	cum	1	0.2	3.65	3.05	2.2265
	cum	1	0.1	2	3.05	0.61
						37.3495
PLASTERING						
INTERNAL						
	sqm	1		1.55	3.05	4.7275
	sqm	1		1.5	3.05	4.575
	sqm	1		1.65	3.05	5.0325
DEDUCT OPENING		-1	0.95	2.1	-1.995	
	sqm	1		4.65	3.05	14.1825
DEDUCT SD4		-1	1.5	2.1	-3.15	
	sqm	1		2	3.05	6.1
	sqm	1		0.1	3.05	0.305
	sqm	1		2	3.05	6.1
	sqm	1		2.35	3.05	7.1675
DEDUCT W01		-1	1.75	1.2	-2.1	

	sqm	1		3.6	3.05	10.98
DEDUCT W01		-1		1.75	1.2	-2.1
	sqm	1		3.65	3.05	11.1325
DEDUCT SD1		-2		1.2	2.1	-5.04
	sqm	1		5.15	3.05	15.7075
	sqm	1		2.25	3.05	6.8625
DEDUCT FIXED GLAZING		-1		1.4	1.2	-1.68
	sqm	1		2.2	3.05	6.71
DEDUCT SD1		-1		1.2	2.1	-2.52
	sqm	1		3.95	3.05	12.0475
DEDUCT OPENING		-1		0.95	2.1	-1.995
	sqm	1		2	3.05	6.1
	sqm	1		2.35	3.05	7.1675
DEDUCT FIXED GLAING		-1		1.4	1.2	-1.68
	sqm	1		1.75	3.05	5.3375
	sqm	1		2.5	3.05	7.625
DEDUCT W02		-1		1.2	1.2	-1.44
	sqm	1		7.1	3.05	21.655
	sqm	1		3.65	3.05	11.1325
DEDUCT SD4		-1		1.5	2.1	-3.15
DEDUCT W02		-1		1.2	1.2	-1.44
	sqm	1		7.1	3.05	21.655
DEDUCT SD1		-1		1.2	2.1	-2.52
	sqm	1		3.65	3.05	11.1325
	sqm	1		7.1	3.05	21.655
DEDUCT SD1		-1		1.2	1.2	-1.44
	sqm	1		3.6	3.05	10.98
	sqm	1		7.1	3.05	21.655
	sqm	1		3.6	3.05	10.98
	sqm	1		1.5	3.05	4.575
	sqm	1		1.85	3.05	5.6425
DEDUCT VENTILATOR		-1		0.6	0.6	-0.36
	sqm	1		1.25	3.05	3.8125
DEDUCT DOOR		-1		0.75	2.1	-1.575
	sqm	1		2.1	3.05	6.405
				TOTAL		254.955
EXTERNAL						
	sqm	2		8	3.05	48.8
DEDUCT SD4		-1		1.5	2.1	-3.15
DEDUCT W01		-1		1.75	1.2	-2.1
	sqm	2		16	3.05	97.6
DEDUCT W01		-2		1.75	1.2	-4.2
DEDUCT W02		-2		1.2	1.2	-2.88
DEDUCT SD1		-1		1.2	2.1	-2.52
DEDUCT SD4		-1		1.5	2.1	-3.15
DEDUCT VENTILATOR		-1		0.6	0.6	-0.36

					TOTAL	128.04
FLOORING						112.6
SKIRTING						
	sqm	4		8		32
DEDUCT SD4		-1		1.5	2.1	-3.15
	sqm	2		16		32
DEDUCT SD1		-1		1.2	2.1	-2.52
DEDUCT SD4		-1		1.5	2.1	-3.15
	sqm	1		1.55		1.55
	sqm	1		1.5		1.5
	sqm	1		1.65		1.65
DEDUCT OPENING		-1		0.95		-0.95
	sqm	1		2		2
	sqm	1		2.35		2.35
	sqm	1		1.75		1.75
	sqm	1		3.64		3.64
				TOTAL		68.67
STEPS						
TREAD						300
RISER						150
LANDING						900
WALL PAINTING						
INTERNAL						
LADIES CHECKING ROOM	sqm	2		1.5	3.05	9.15
	sqm	2		1.65	3.05	10.065
DEDUCT OPENING		-1		0.95	2.1	-1.995
TOILET	sqm	2		1.9	3.05	11.59
	sqm	2		1.5	3.05	9.15
DEDUCT DOOR		-1		0.75	2.1	-1.575
DEDUCT VENTILATOR		-1		0.6	0.6	-0.36
SECURITY MANAGER ROOM	sqm	2		2	3.05	12.2
DEDUCT SD1		-1		1.2	2.1	-2.52
	sqm	2		2.35	3.05	14.335
DEDUCT W02		-1		1.2	1.2	-1.44
DEDUCT FIXED GLAZING		-1		1.4	1.2	-1.68
COMMOM COMMAND CENTRE	sqm	2		8	3.05	48.8
DEDUCT SD1		-1		1.2	2.1	-2.52
	sqm	2		3.65	3.05	22.265
DEDUCT SD4		-1		1.5	2.1	-3.15
DEDUCT W02		-1		1.2	1.2	-1.44
RACK SPACE	sqm	2		8	3.05	48.8
DEDUCT SD1		-1		1.2	2.1	-2.52
	sqm	2		3.6	3.05	21.96

WAITING ROOM	sqm	1	5.4	3.05	16.47
	sqm	1	7.9	3.05	24.095
DEDUCT W01		-2	1.75	1.2	-4.2
DEDUCT SD1		-1	1.2	2.1	-2.52
	sqm	1	5.95	3.05	18.1475
DEDUCT SD4		-1	1.5	2.1	-3.15
DEDUCT W01		-1	1.75	2.1	-3.675
	sqm	2	2	3.05	12.2
	sqm	1	0.1	3.05	0.305
	sqm	1	3.95	3.05	12.0475
DEDUCT OPENING		-1	0.95	2.1	-1.995
	sqm	1	1.7	3.05	5.185
DEDUCT DOOR		-1	0.75	2.1	-1.575
	sqm	1	1.2	3.05	3.66
	sqm	1	2.2	3.05	6.71
DEDUCT SD1		-1	1.2	2.1	-2.52
	sqm	1	2.55	3.05	7.7775
DEDUCT FIXED GLAZING		-1	1.4	1.2	-1.68
			TOTAL		274.3975
EXTERNAL					
	sqm	2	8	3.05	48.8
DEDUCT SD4		-1	1.5	2.1	-3.15
DEDUCT W01		-1	1.75	1.2	-2.1
	sqm	2	16	3.05	97.6
DEDUCT W01		-2	1.75	1.2	-4.2
DEDUCT W02		-2	1.2	1.2	-2.88
DEDUCT SD1		-1	1.2	2.1	-2.52
DEDUCT SD4		-1	1.5	2.1	-3.15
			TOTAL		128.4
CEILING					118
VENTILATOR		1	0.6	0.6	0.36
SD1		3	1.2	2.1	7.56
SD4		2	1.5	2.1	6.3
TD		1	0.75	2.1	1.575
			TOTAL		15.435
GRANITE COUNTER					2.11
THRESHOLD					1.74
W01-WINDOW		3	1.75	1.2	6.3
W02-WINDOW		2	1.2	1.2	2.88
			TOTAL		9.18

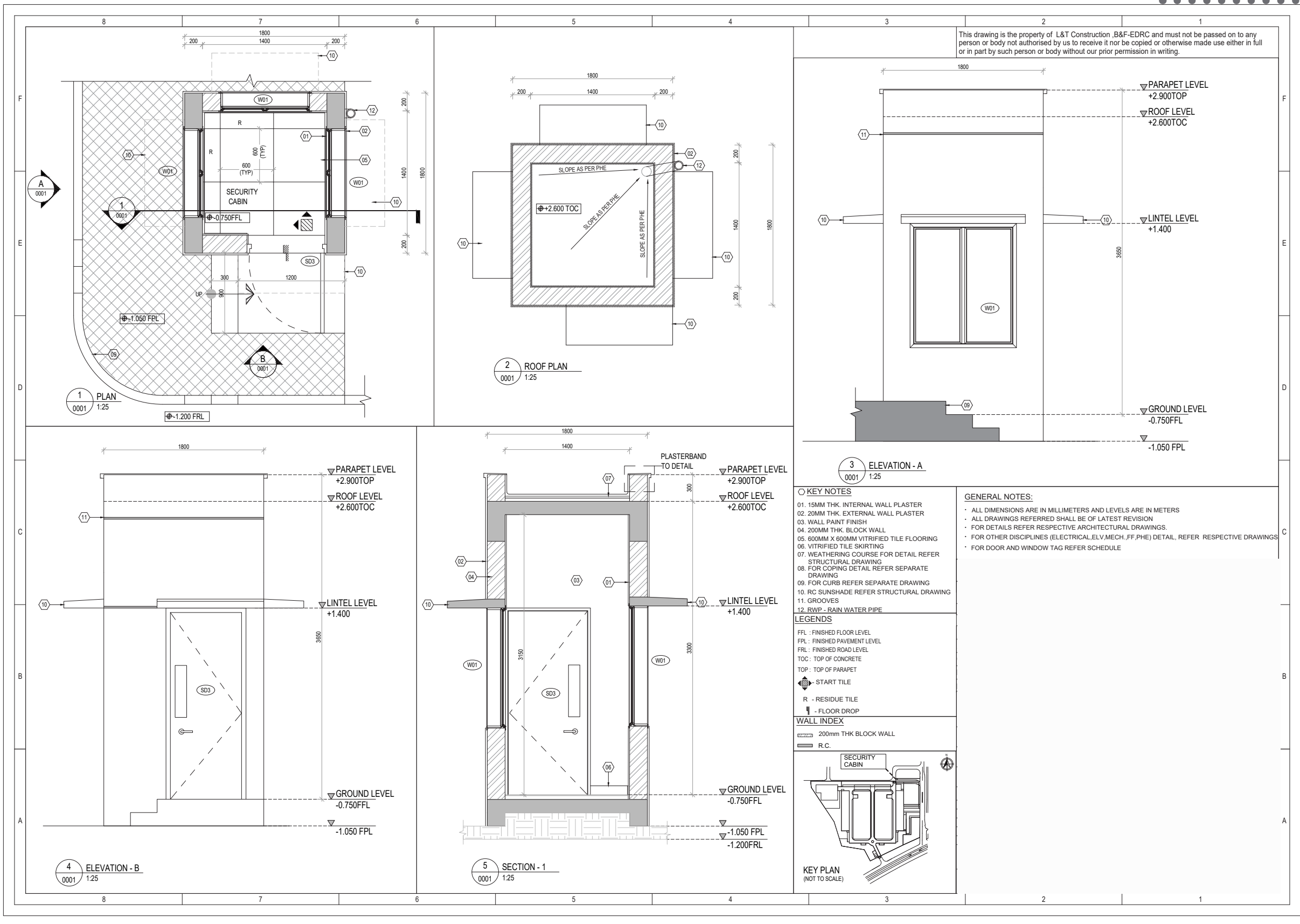
ALBEDO COATING						118
GROOVES		4		8		32
		9		3.14		28.26
		4		16		64
		8		4.47		35.76
		16		3		48
		12		8		96
				TOTAL		304.02
PLASTERBAND						48
MIRROR		1				
DADO WALL		1		1.9	2.11	4.009
		1		1.5	2.11	3.165
		1		1.85	2.11	3.9035
		1		1.25	2.11	2.6375
DEDUCT		-1		0.75	2.1	-1.575
				TOTAL		12.14



BOQ

DATA CENTRE PROJECT





DEATIL DRAWING

DATA CENTRE PROJECT



SECURITY CABIN						
BLOCK WORK						
ROOM NAME	UNIT	NUMBER	WALL THICKNESS	LENGTH	HEIGHT	VOLUME
SECURITY CABIN	cum	1	0.2	1.4	3.2	0.896
DEDUCT W01		-1	0.2	1	1.4	-0.28
	cum	1	0.2	1.4	3.2	0.896
DEDUCT SD3		-1	0.2	0.9	2.1	-0.378
					TOTAL	1.134
PLASTERING						
INTERNAL	sqm	2		1.4	3.2	8.96
DEDUCT W01		-1		1	1.4	-1.4
DEDUCT SD3		-1		0.9	2.1	-1.89
	sqm	2		1	3.2	6.4
DEDUCT W01		-2		1	1.4	-2.8
					TOTAL	9.27
EXTERNAL	sqm	4		1.8	3.2	23.04
DEDUCT W01		-3		1	1.4	-4.2
DEDUCT SD3		-1		0.9	2.1	-1.89
					TOTAL	16.95
PLASTERBAND		4		1.8		0
GROOVES		4		1.8		7.2
FLOORING	sqm	1				1.9
SKIRTING	sqm	4		1.4		5.6
DEDUCT SD3		-1		0.9		-0.9
					TOTAL	4.7
STEPS						
WIDTH		1				900
RISER		2				150
LANDING		1				1.08
					TOTAL	1051.08
WALL PAINTING						
INTERNAL						
SECURITY CABIN	sqm	4		1.4	3.2	17.92
DEDUCT SD3		-1		0.9	2.1	-1.89
DEDUCT W01		-3		1	1.4	-4.2
					TOTAL	11.83
EXTERNAL						
SECURITY CABIN	sqm	4		1.8	3.2	23.04

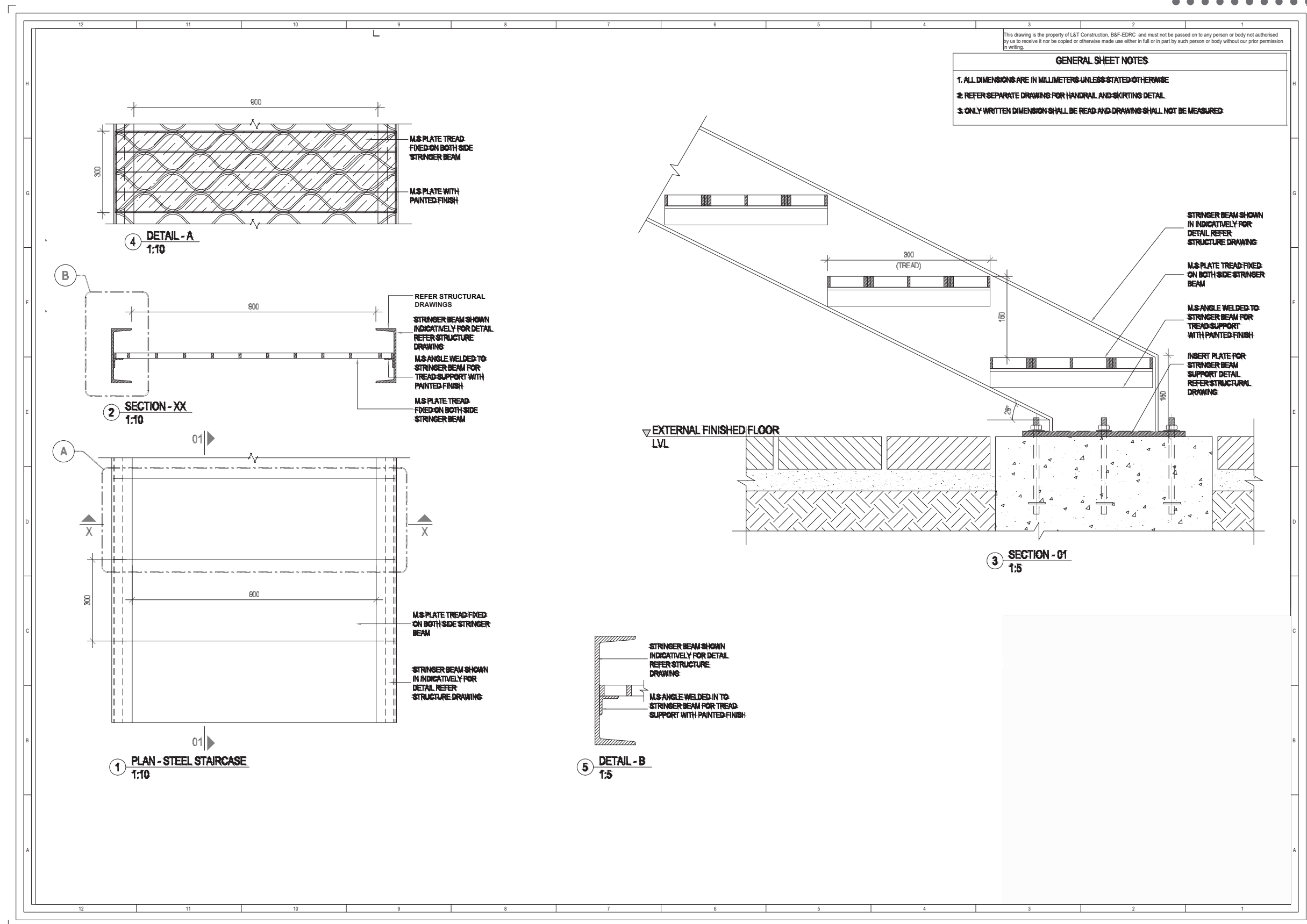
DEDUCT SD3		-1		0.9	2.1	-1.89
DEDUCT W01		-3		1	1.4	-4.2
					TOTAL	16.95
CEILING	sqm	1				1.9
DOOR-SD3		1		0.9	2.1	1.89
WINDOW-W01		3		1	1.4	4.2
THRESHOLD		1				0.17
ALBEDO COATING	sqm	1				1.9



BOQ

DATA CENTRE PROJECT





DETAIL DRAWING

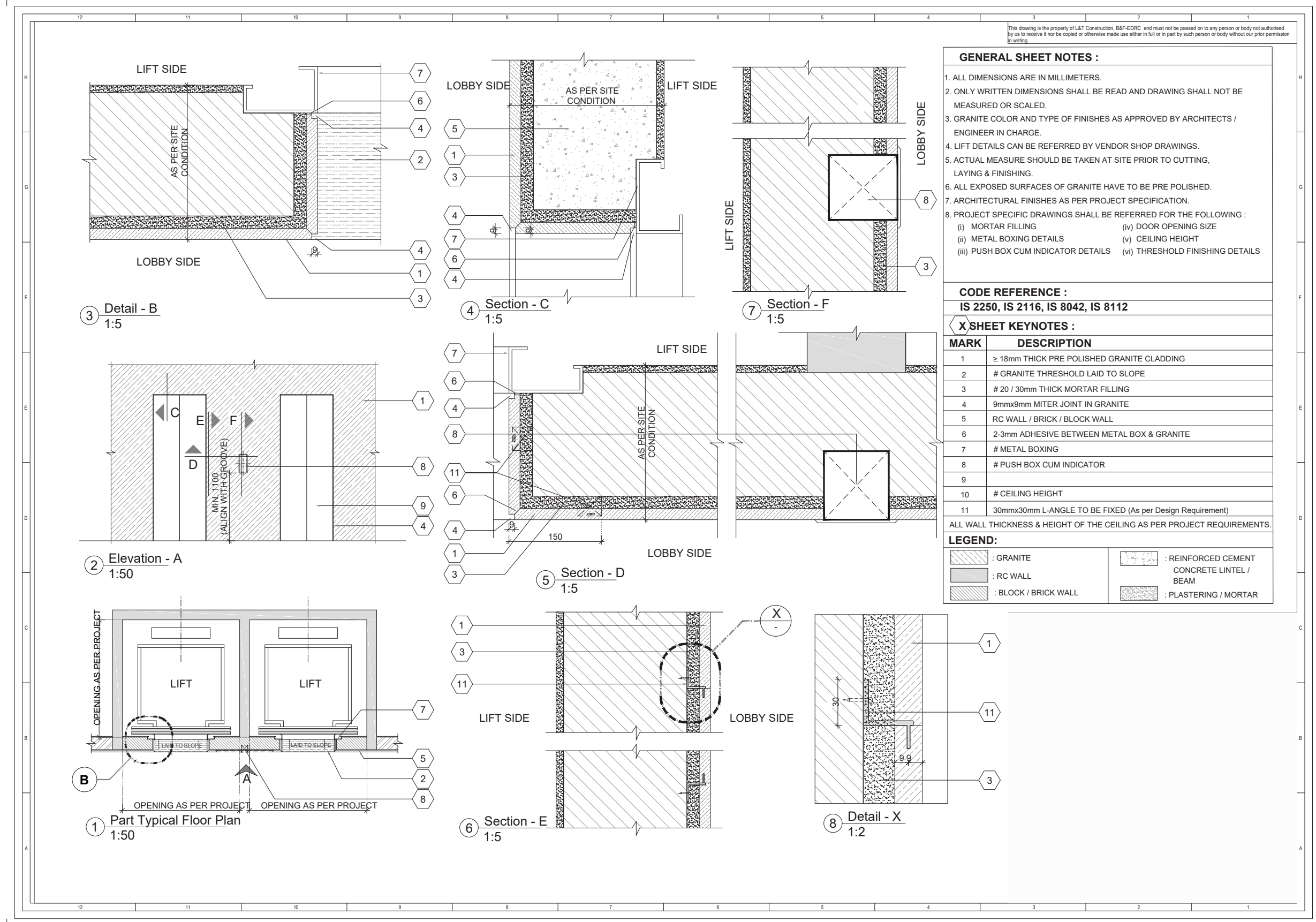
DATA CENTRE PROJECT

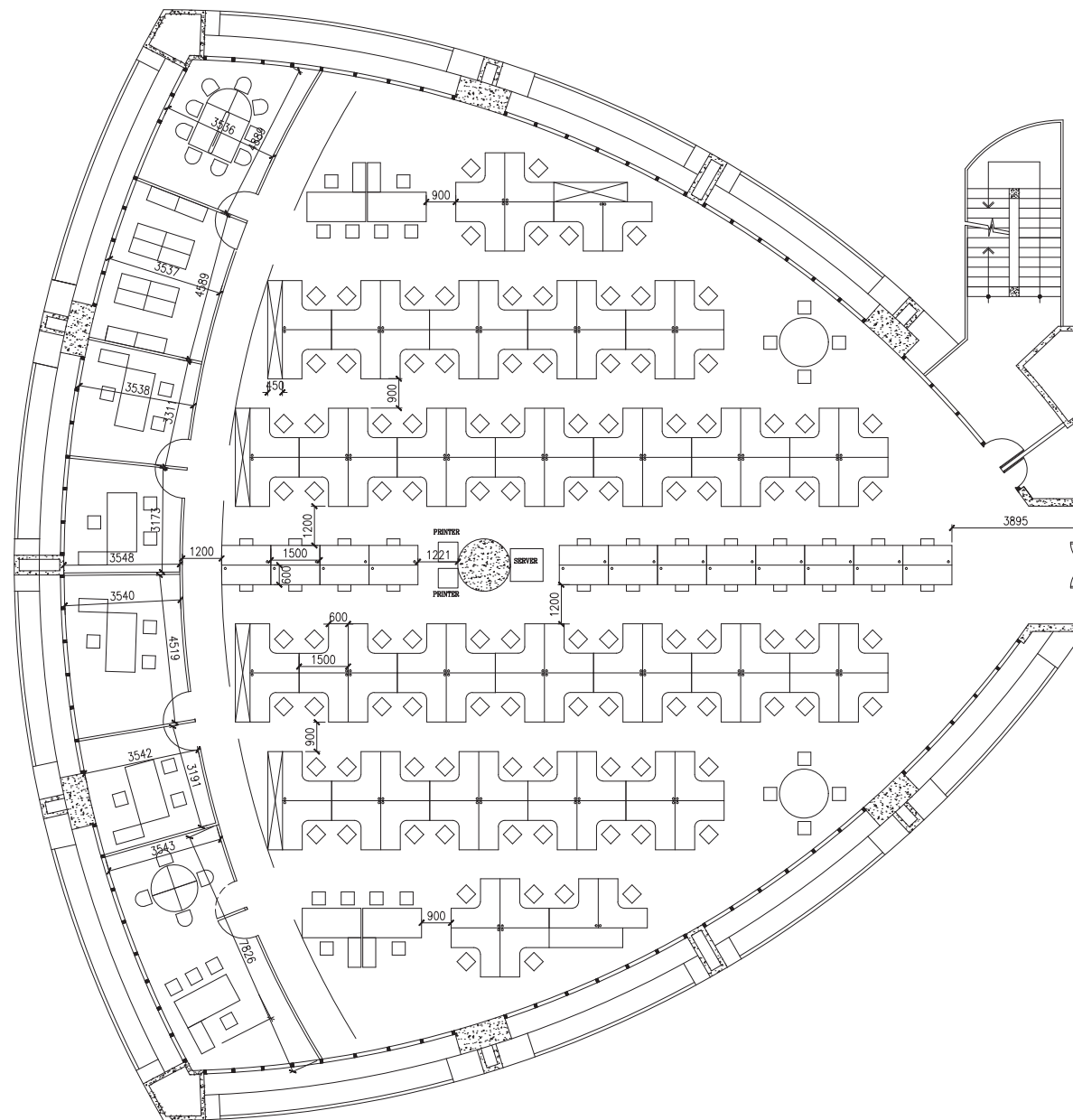




DETAIL DRAWING

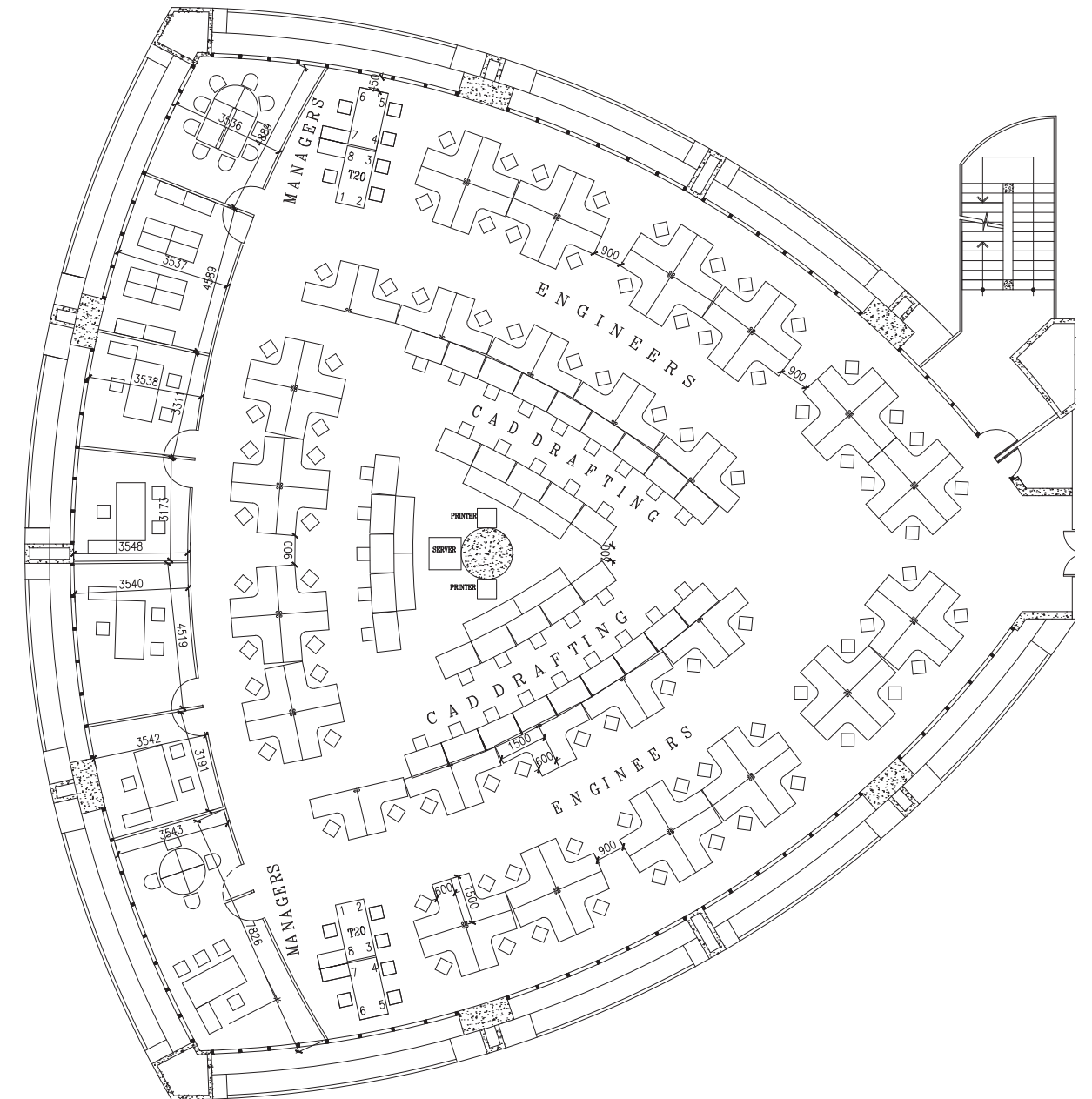
DATA CENTRE PROJECT





OPTION 1	
SEATS	NO. OF SEATS
L SHAPED	102
LINEAR	24
MANAGER	4
TOTAL	130
AREA/PERSON= $\frac{546}{130}=4\text{m}^2$ PER PERSON	

LEFT WING	
SEATS	DIMENSIONS (MM)
L SHAPED	1500 X 730 X 600
LINEAR	1500 X 730 X 600
MANAGER	1800 X 730 X 600
aisle width	900



OPTION 2	
SEATS	NO. OF SEATS
L SHAPED	84
LINEAR	33
MANAGER	4
TOTAL	121
AREA/PERSON= $\frac{546}{121}=4\text{m}^2$ PER PERSON	

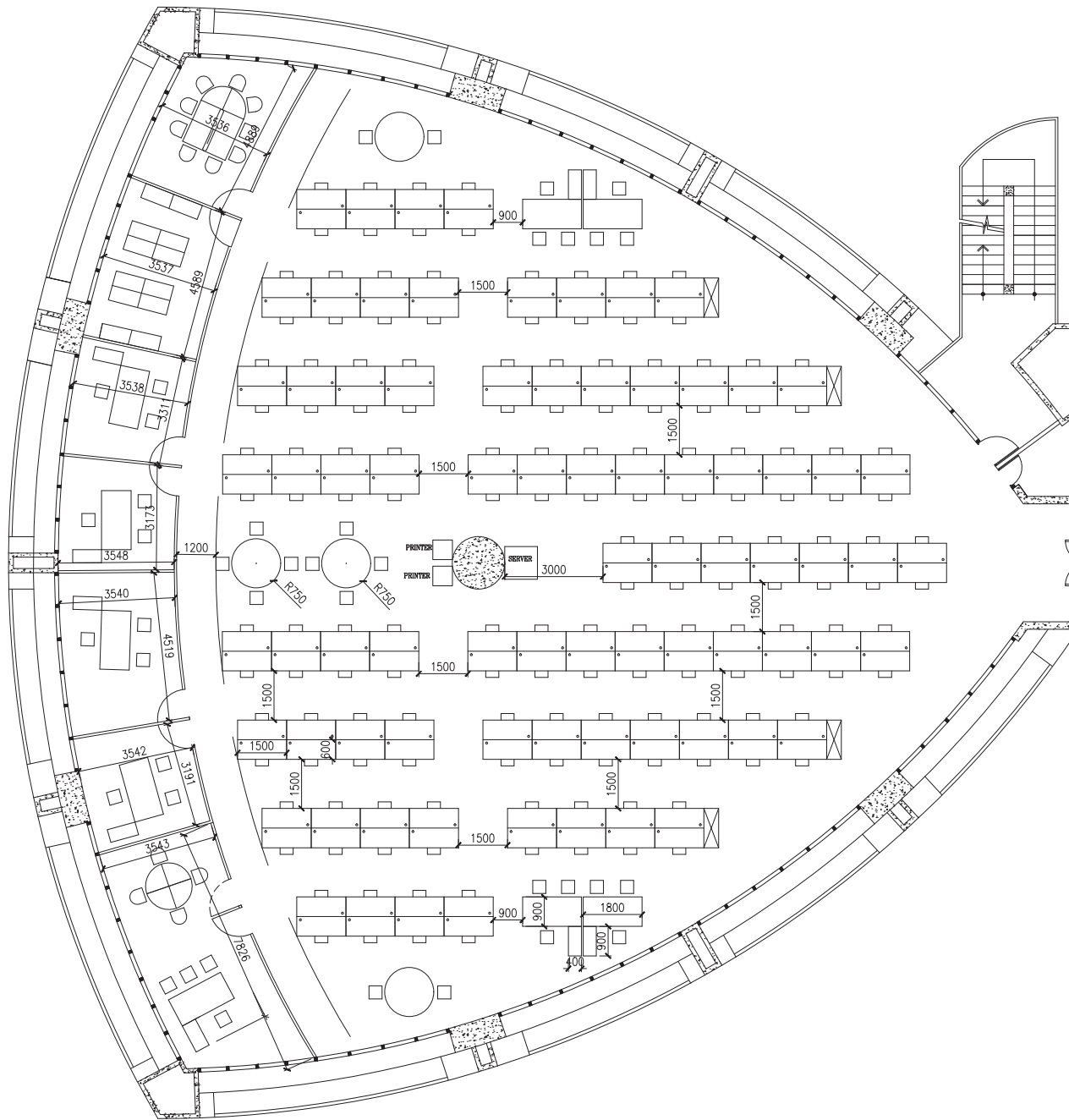
LEFT WING	
SEATS	DIMENSIONS (MM)
L SHAPED	1500 X 730 X 600
LINEAR	1500 X 730 X 600
MANAGER	1800 X 730 X 600
aisle width	900



SEATING LAYOUT

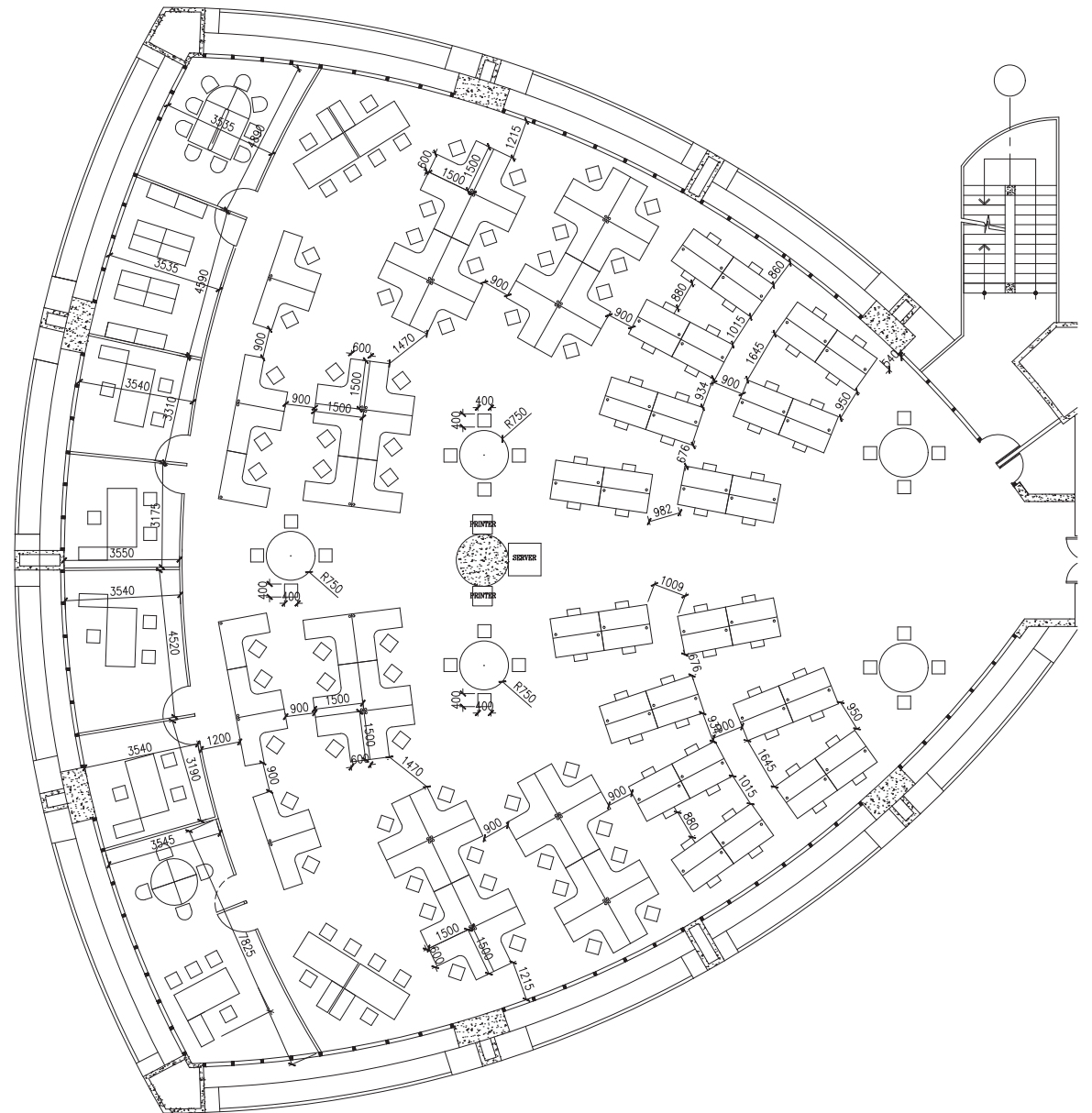
OFFICE PROJECT





OPTION 3	
SEATS	NO. OF SEATS
LINEAR	158
MANAGER	4
TOTAL	162
AREA/PERSON= $\frac{546}{162}=3\text{m}^2$ PER PERSON	

LEFT WING	
SEATS	DIMENSIONS (MM)
LINEAR	1500 X 730 X 600
MANAGER	1800 X 730 X 600
AISLE WIDTH	1500



OPTION 4	
SEATS	NO. OF SEATS
L SHAPED	54
LINEAR	56
MANAGER	4
TOTAL	116
AREA/PERSON	4.6 SQ.M/PERSON

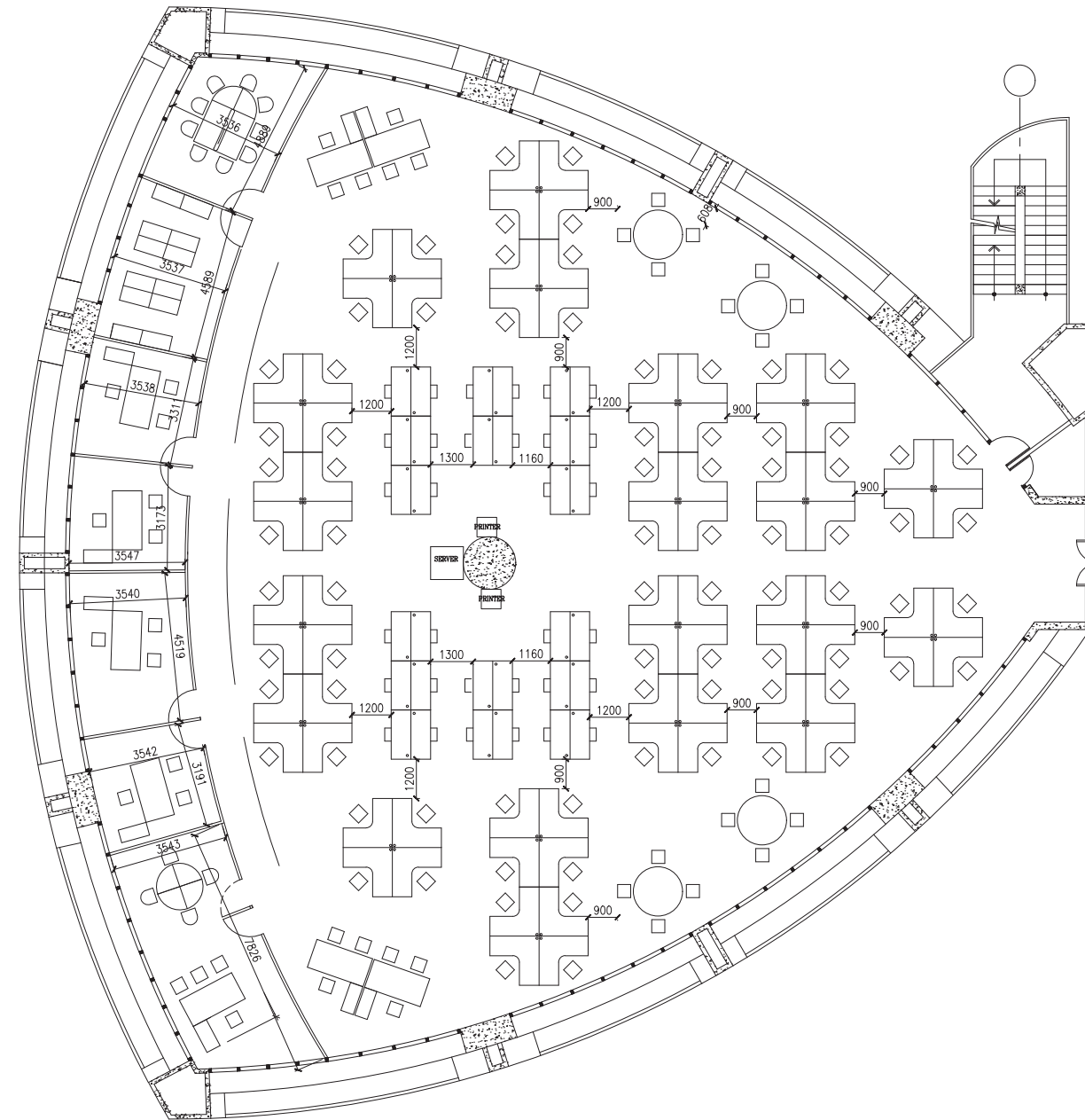
LEFT WING	
SEATS	DIMENSIONS (MM)
L SHAPED	1500 X 730 X 600
LINEAR	1500 X 730 X 600
MANAGER	1800 X 730 X 600
AISLE WIDTH	900



SEATING LAYOUT

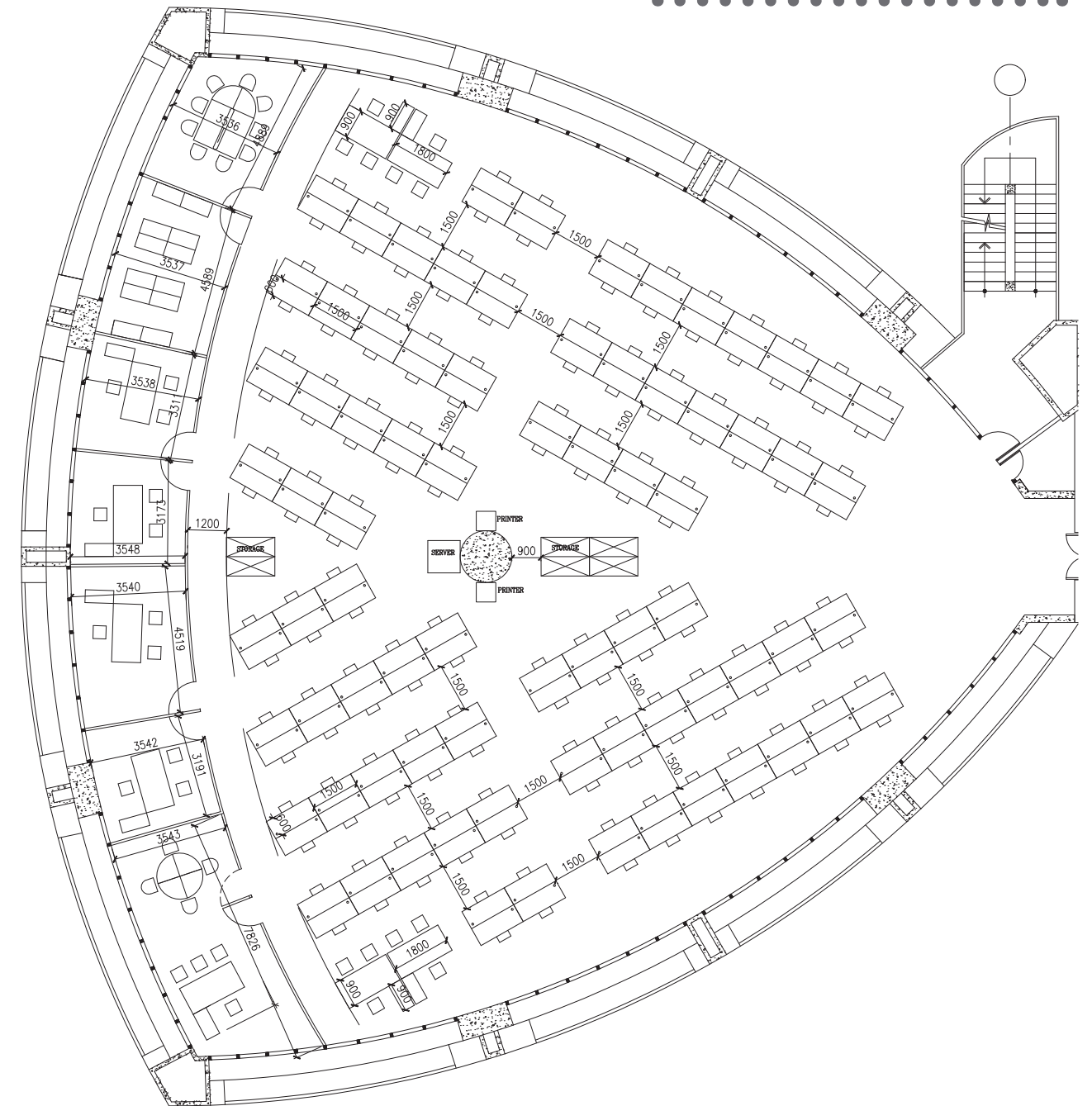
OFFICE PROJECT





OPTION - 5	
SEATS	NO. OF SEATS
L SHAPED	80
LINEAR	32
MANAGER	4
TOTAL	116
AREA/PERSON	4.7 SQ.M/PERSON

LEFT WING	
SEATS	DIMENSIONS (MM)
L SHAPED	1500 X 730 X 600
LINEAR	1500 X 730 X 600
MANAGER	1800 X 730 X 600
AISLE WIDTH	900



OPTION-6	
SEATS	NO. OF SEATS
LINEAR	160
MANAGER	4
TOTAL	164
AREA/PERSON= $\frac{546}{164}$ =3m2 PER PERSON	

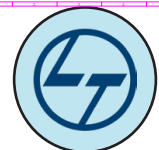
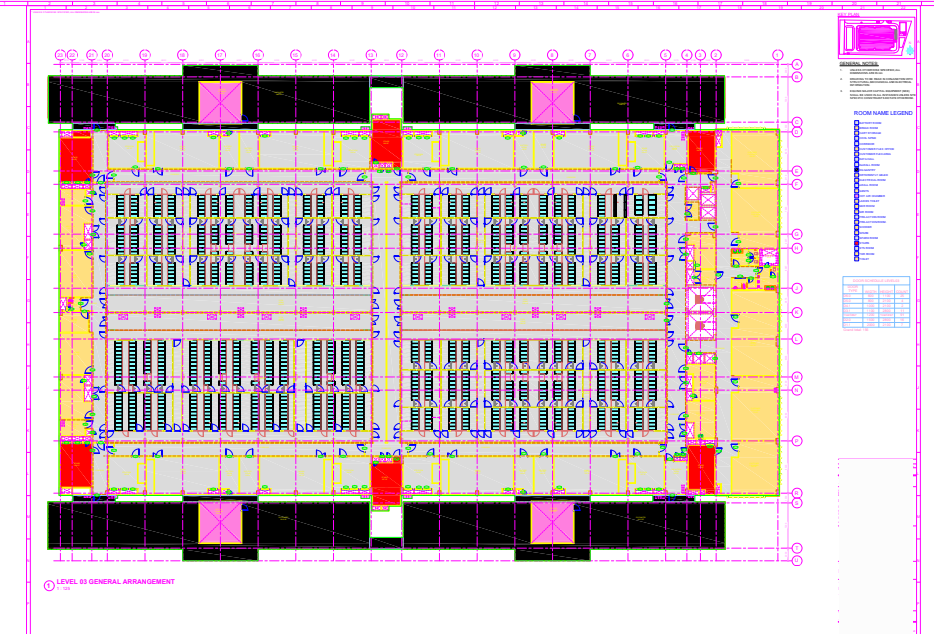
LEFT WING	
SEATS	DIMENSIONS (MM)
LINEAR	1500 X 730 X 600
MANAGER	1800 X 730 X 600
AISLE WIDTH	1500



SEATING LAYOUT

OFFICE PROJECT





CHENNAI PROJECT



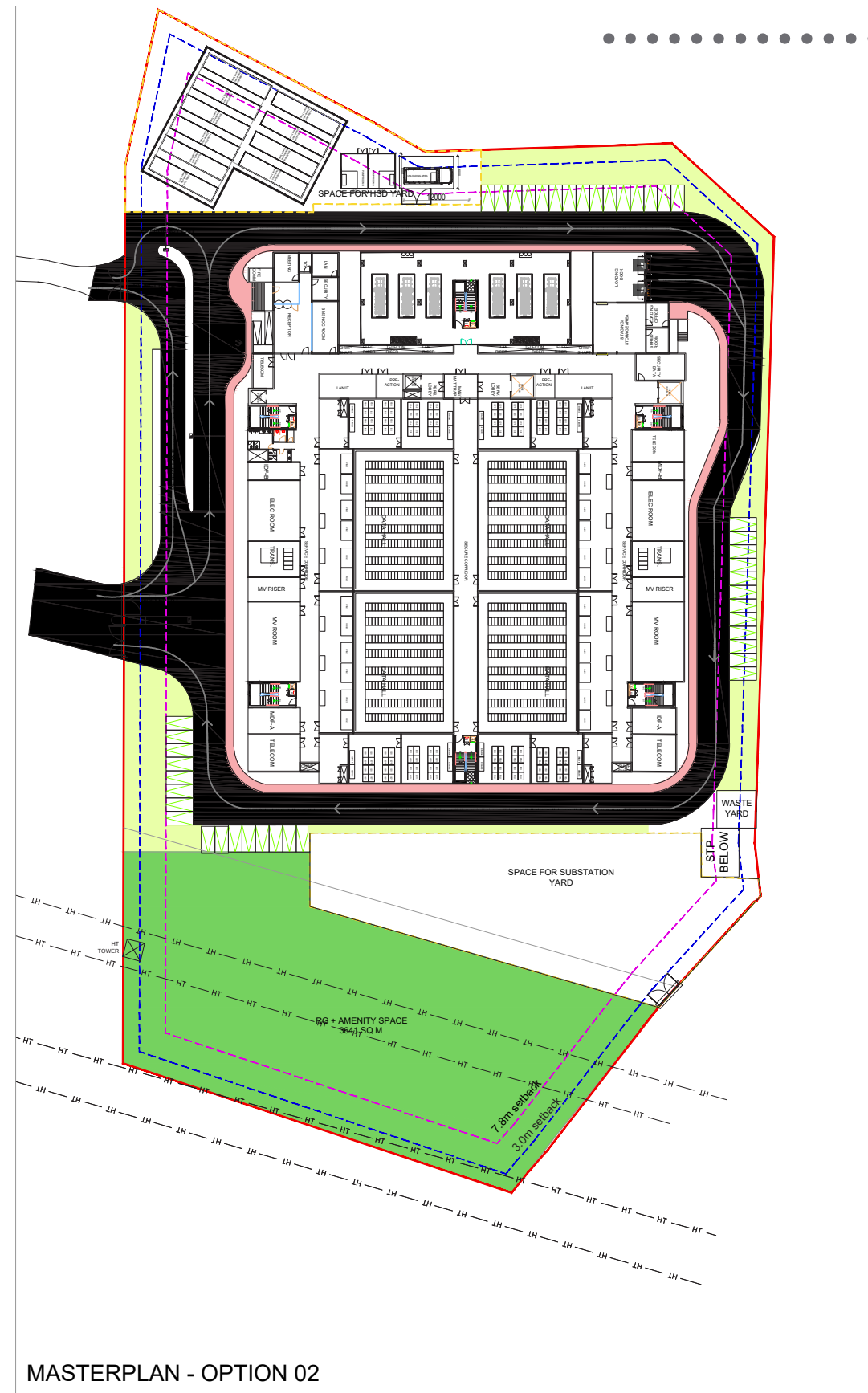
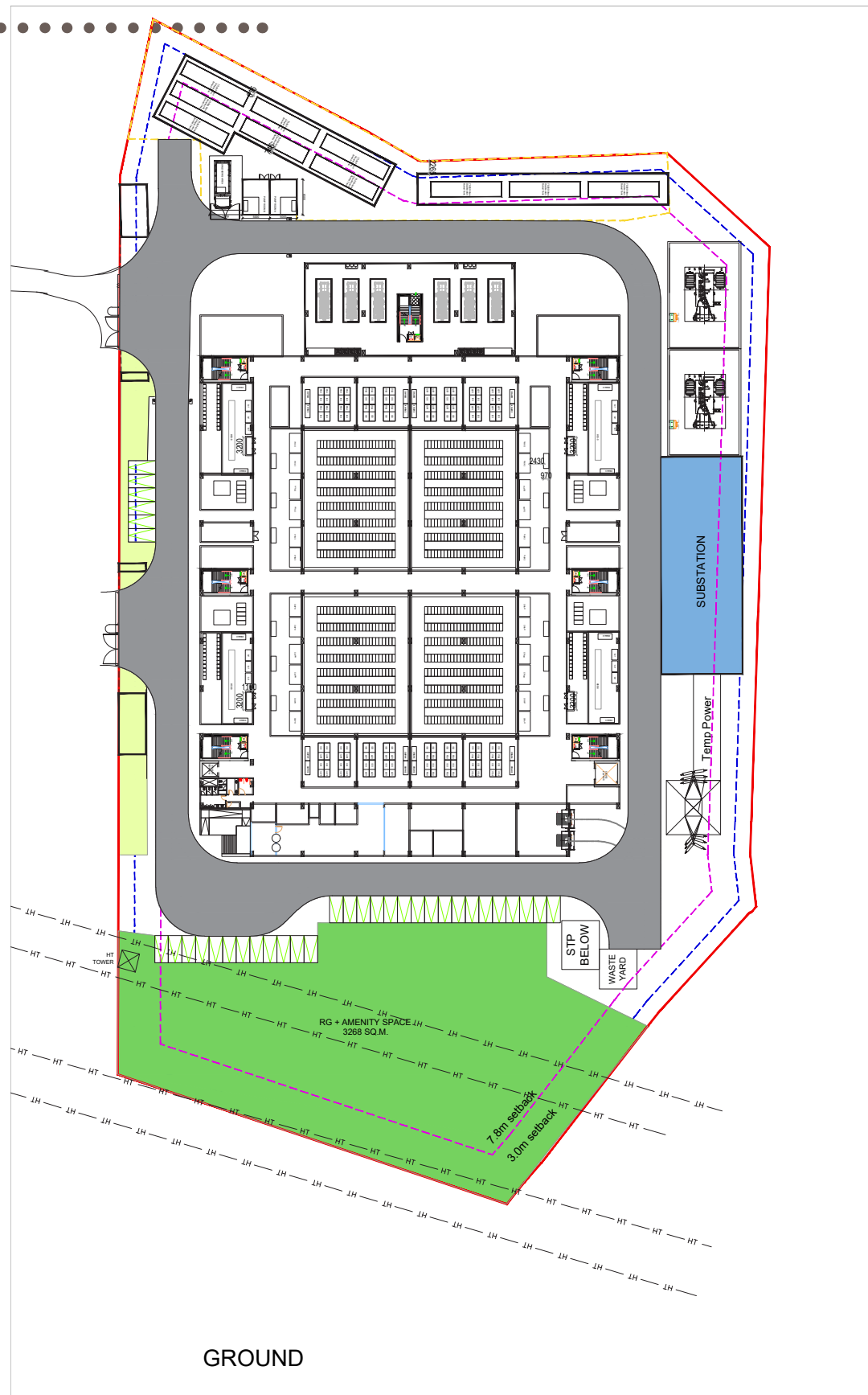
EQUINIX CHENNAI - BUA					
				AREA*	
S.No		Floors	Height (in m)	Sqm	Sqft
A	DC Building				
1	4 X 1.5MW DC Halls	Gf	6		#VALUE!
2	4 X 1.5MW DC Halls	I Floor	6	8,412	90,551
3	4 X 1.5MW DC Halls	II Floor	6	8,414	90,570
4	4 X 1.5MW DC Halls	III Floor	6	8,417	90,603
5		Terrace	6	540	5,813
6		Terrace Gantry	3	-	-
		SubTotal	34.2	25,784	277,537
B	Ancillary Buildings				-
1	Substation	Gf		23	252
2	Pump Room	Gf		8	81
3	HSD Yard	Gf		17	178
		SubTotal		47	510
C	DG Building				-
1	DG Sets and Panel Room	GF	6	555	5,974
2		I Floor	6	568	6,117
3		II Floor	6	568	6,117
4		III Floor	6	568	6,117
		SubTotal	25.2	2,260	24,326
D	Misc. Buildings				-
1	STP, WTP, Pump, Waste	GF		426	4,585
		SubTotal		426	4,585
E	Security Office and Rooms				-
1		GF	3.45	103	1,107
		SubTotal	3.45	103	1,107
	Total			28,620	308,065
	*In process				



AREA STATEMENT

CHENNAI PROJECT





AREA STATEMENT

PANVEL PROJECT



OPTION 1					
L&T Smart Digi DC - BUA					
S.No		Floors	Height (in m)	AREA*	
				Sqm	Sqft
A	DC Building				
1	4 x 1.5MW DC Halls	GF	6	7,503	80,762
2	Service Area	GF Mezzanine	3	2,397	25,801
3	1 x 3MW DC Halls	I Floor	6	7,503	80,762
4	Service Area	I Floor Mezzanine	3	2,397	25,801
5	1 x 3MW DC Halls	II Floor	6	7,094	76,360
6	Service Area	II Floor Mezzanine	3	2,397	25,801
7	1 x 3MW DC Halls	III Floor	6	7,094	76,360
8	Service Area	III Floor Mezzanine	3	2,397	25,801
9	2 x 3MW DC Halls	IV Floor	6	7,094	76,360
10	Service Area	IV Floor Mezzanine	3	2,397	25,801
11		Terrace	0	-	-
	SubTotal		46.2	48,273	519,611
B	Substation Buildings				-
1	GIS	G+2	14.1	599	6,448
2	HSD Pump Room	G+1		65	698
	SubTotal			664	7,145
C	DG Building				-
1	DG Sets and Panel Room	GF	6	555	5,974
2		I Floor	6	568	6,117
3		II Floor	6	568	6,117
4		III Floor	6	568	6,117
5		IV Floor	6	568	6,117
6		V Floor	6	568	6,117
	SubTotal		37.2	3,397	36,560
D	Misc. Buildings				-
1	STP, WTP, Pump, Waste	GF		426	4,585
	SubTotal			426	4,585
E	Security Office and Rooms				-
1		GF	3.45	103	1,107
	SubTotal		3.45	103	1,107
	Total			52,862	569,008

*In process

L&T Smart Digi DC - BUA			
DC	Floors	AREA*	
		Sqm	Sqft
4 X DC Hall	GF	6,933	74,627
Tech./Service Floor	I Floor	6,750	72,657
1 X DC Hall	II Floor	6,750	72,657
1 X DC Hall	III Floor	6,750	72,657
Tech./Service Floor	IV Floor	6,750	72,657
1 X DC Hall	IV Floor	6,750	72,657
2 X DC Hall	VI Floor	6,750	72,657
Tech./Service Floor	VII Floor	6,750	72,657
	Terrace	1,307	14,067
	SubTotal	55,490	597,293
Substation			-
GIS	G+2	1,789	19,257
HSD Pump Room	G+1	65	695
	SubTotal	1,854	19,952
DG Building			-
DG Sets and Panel Room	GF	657	7,072
	I Floor	657	7,072
	II Floor	657	7,072
	III Floor	657	7,072
	IV Floor	657	7,072
	V Floor	657	7,072
	SubTotal	3,942	42,432
Misc			-
STP, WTP, Pump, Waste	GF	448	4,822
	SubTotal	448	4,822
Security Rooms			-
	GF	96	1,033
	SubTotal	96	1,033
Total		61,830	665,533

*In process



AREA STATEMENT

PANVEL PROJECT





MUMBAI PROJECT





OPTION-1



OPTION-2

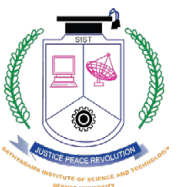


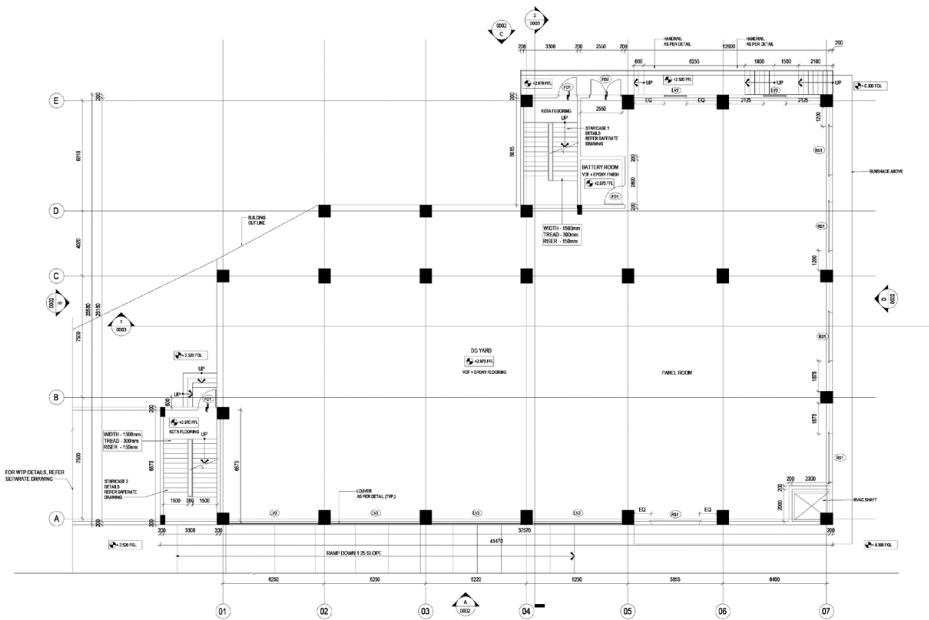
OPTION-3



VIEWS

OFFICE





PLAN



OPTION-1



OPTION-2



VIEWS

SUBSTATION





SITE VISIT

3D PRINTING

