



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with “A” grade by NAAC | 12B Status by UGC | Approved by AICTE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in

SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
PRACTICAL TRAINING PORTFOLIO (SAR4063)
JUNE 2023

Name of the Student : **SAMBAREDDY MANASWITHA**

Batch : **2018-23**

Reg No. : **38210067**

Semester : **X**



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with "A" grade by NAAC | 12B Status by UGC | Approved by AICTE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in

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 SAMBAREDDY MANASWITHA who had undergone training in L&T Construction has been monitored by the continuous assessment during DECEMBER 2022 To APRIL 2023

Dr. Devyani Gangopadhyay
DEAN

Submitted for Viva voce Examination held on 07-06-2023

Internal Examiner



External Examiner



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with "A" grade by NAAC | 12B Status by UGC | Approved by AICTE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in

DECLARATION

I, **SAMBAREDDY MANASWITHA** hereby declare that the Training Report **DECEMBER 2022 to APRIL 2023** done by me under the guidance of **Ar. NAGALINGAM** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE : 07-06-2023

PLACE : Chennai

SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **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 of who were helpful in many ways for the completion of the project.

I also wish to thank **Ar. Nagalingam**, for the experience of interning at their firm.

JOINING LETTER



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.Lntecc.com

B&F IC/EDRC-HR/Training/659-2022

19 December 2022

Head of the Department,
Sathyabama Institute of
Technology And Science,
(Deemed University)
Chennai.

Dear Sir/Madam,

Sub: Project Training

This has reference to your letter dated 19 December 2022 regarding Project Training for your student **Ms. Sambareddy Manaswitha (38210067)**. As a special case, we agree to admit her for project Training from **19 December 2022 to 1 May 2023**.

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

Please note that:

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

Thanking You,

**Yours faithfully,
For LARSEN & TOUBRO LIMITED**

A handwritten signature in black ink, appearing to read 'Suneet Kumar', written over a large, stylized circular flourish.

**SUNEET KUMAR
DGM - HUMAN RESOURCES**

MONTHLY REPORT



PROFESSIONAL PRACTICAL TRAINING REPORT 2023

(Monthly Progress to be documented and submitted to the HOD by the Architect in charge of Trainee of the Organization)

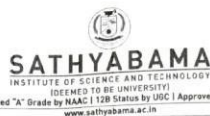
- Name of the Office / Organization : L&T CONSTRUCTIONS
- Address & Contact Number : MANAPAKKAM, CHENNAI - 9840730379
- Name of the Student : SAMBAREDDY MANASWITA
- Duration : From 19-12-2022 To 31-12-2022
- Total No. of days : 12
- Evaluation of Performance Criteria shall be on

Description of works	Excellent	Good	Fair	Poor	NA
Office Culture Comprehension		✓			
Participation in the Office			✓		
Reading of Drawings		✓			
Presentation Techniques		✓			
Model Making			✓		
Understanding of Construction Details			✓		
Drafting Skills (Manual/Computer)		✓			
Site Supervision / Client Interaction Skills					
Time Schedule Adherence		✓			
Other Computer Skills			✓		
Files and Office Maintenance		✓			
Coordination with other Consultants					
Overall Grading*					70

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month*

7. Any other Remarks:

Signature of the Head of the Office / Organization (With Seal)



PROFESSIONAL PRACTICAL TRAINING REPORT 2023

(Monthly Progress to be documented and submitted to the HOD by the Architect in charge of Trainee of the Organization)

- Name of the Office / Organization : L&T CONSTRUCTIONS
- Address & Contact Number : MANAPAKKAM, CHENNAI - 9840730379
- Name of the Student : SAMBAREDDY MANASWITA
- Duration : From 01-01-2023 To 31-01-2023
- Total No. of days : 22
- Evaluation of Performance Criteria shall be on

Description of works	Excellent	Good	Fair	Poor	NA
Office Culture Comprehension		✓			
Participation in the Office		✓			
Reading of Drawings		✓			
Presentation Techniques		✓			
Model Making		✓			
Understanding of Construction Details			✓		
Drafting Skills (Manual/Computer)			✓		
Site Supervision / Client Interaction Skills					
Time Schedule Adherence	✓				
Other Computer Skills		✓			
Files and Office Maintenance	✓				
Coordination with other Consultants					
Overall Grading*					75

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month*

7. Any other Remarks:

Signature of the Head of the Office / Organization (With Seal)



PROFESSIONAL PRACTICAL TRAINING REPORT 2023

(Monthly Progress to be documented and submitted to the HOD by the Architect in charge of Trainee of the Organization)

- Name of the Office / Organization : L&T CONSTRUCTION
- Address & Contact Number : MANAPAKKAM, CHENNAI - 9840730379
- Name of the Student : SAMBAREDDY MANASWITA
- Duration : From 01-02-2023 To 28-02-2023
- Total No. of days : 21
- Evaluation of Performance Criteria shall be on

Description of works	Excellent	Good	Fair	Poor	NA
Office Culture Comprehension		✓			
Participation in the Office		✓			
Reading of Drawings		✓			
Presentation Techniques		✓			
Model Making		✓			
Understanding of Construction Details			✓		
Drafting Skills (Manual/Computer)		✓			
Site Supervision / Client Interaction Skills					
Time Schedule Adherence			✓		
Other Computer Skills		✓			
Files and Office Maintenance		✓			
Coordination with other Consultants					
Overall Grading*					75

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month*

7. Any other Remarks:

Signature of the Head of the Office / Organization (With Seal)

PORTFOLIO

SAMBAREDDY MANASWITHA



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.

ACKNOWLEDGEMENT

Firstly, I would like to express my deep gratitude to the chief Architect AR.NAGALINGAM for providing me with this opportunity to work as a trainee architect in the firm LARSEN & TOUBRO .Their continuous guidance and support has helped me draw a better line than yesterday. Ideas were exchanged and experience of the firm has provided me gain confidence to work in the professional fields. During the period of practicum the major opportunity were to work in big and small projects in a systematic manner. This has helped me develop a potential architect and student. Their regular guidance in architectural, civil and structural fields are praiseworthy. The comfortable circle and calmness in the working table has helped me work more patience and diligently. I would also like to extend my gratitude to our practicum supervisorfortheirguidanceandsupervision during the practicum period as well as for the report writing, and my teachers for making me capable to grow enough to handle the mistakes and stand with head high.

Name : SAMBAREDDY MANASWITHA

Reg No : 38210067

Batch : 2018-2023

College : Sathyabama Institute of Science and Technology, Chennai.

CONTENTS

TC 2 BUILDING L&T CHENNAI
CONFERENCE ROOM DESIGN
Pg 5-7

TC 2 BUILDING L&T CHENNAI
TOILET DESIGN
Pg 8-9

AMAZON DATA CENTER POWAI
MUMBAI
Pg 10-12

PG INSTITUTE CAPITAL HOSPITAL
CAMPUS BHUBANESWAR, ODISHA
BOYS HOSTEL FAZARD DESIGN
Pg 13

ST TELEMEDIA DATACENTER - NAVI
MUMBAI ANNEX BUILDING
Pg 14-27

L&T DATA CENTER, KANCHEEPURAM
Pg 28-30

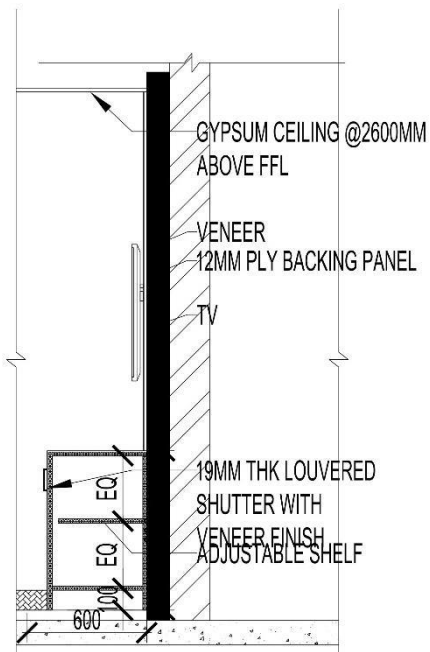
L&T STANDARDS CHECK FOR TC4 BUILDING
Pg 31-34

WORK DIARY

19-12-2022	AMAZON DC POWAI PRESENTATION
20-12-2022	AMAZON DC POWAI SITE PLAN
21-12-2022	JAIPUR BOYS HOSTEL SKETCHUP MODEL
22-12-2022	JAIPUR BOYS HOSTEL MANUAL ELEVATION SKETCHING
23-12-2022	JAIPUR BOYS HOSTEL MANUAL ELEVATION SKETCHING
24-12-2022	JAIPUR BOYS HOSTEL ELEVATION OPTION 1,2
26-12-2022	JAIPUR BOYS HOSTEL ELEVATION OPTION 3,4
27-12-2022	JAIPUR BOYS HOSTEL ELEVATION OPTION 5,6
28-12-2022	JAIPUR BOYS HOSTEL ELEVATION OPTION 7 AND RENDERS
29-12-2022	ON DUTY(NEW YEAR CELEBRATIONS)
30-12-2022	ON DUTY(NEW YEAR CELEBRATIONS)
31-12-2022	ON DUTY(NEW YEAR CELEBRATIONS)
02-01-2023	JAIPUR BOYS HOSTEL ALL OPTIONS RENDERS
03-01-2023	WALL ART OPTIONS FOR TC2 CONFERENCE ROOM
04-01-2023	WALL ART OPTIONS 1,2
05-01-2023	WALL ART OPTIONS 3,4
06-01-2023	IMPROVING ABOVE FOUR OPTIONS
07-01-2023	CHECKING THE STANDARDS FOR STT (PLAY BOOK)
09-01-2023	STT STAFF LOUNGE OPTION 3 ACCORDING TO PLAYBOOK
10-01-2023	UPDATED VIEWS ACCORDING TO PLAYBOOK
11-01-2023	CAFETERIA ACCORDING TO PLAYBOOK
13-01-2023	UPDATED MOOD BOARD STT
14-01-2023	CAFETERIA ACCORDING TO PLAYBOOK
16-01-2023	CAFETERIA ACCORDING TO PLAYBOOK
17-01-2023	TOILET OPTION (RUSTIC)
19-01-2023	WALL ART TC2 CONFERENCE
20-01-2023	WALL ART TC2 CONFERENCE
21-01-2023	STANDARDS FOR SUSTAINABLE MATERIALS
23-01-2023	CAFETERIA ANNEX SKETCHUP MODEL
24-01-2023	CAFETERIA ANNEX SKETCHUP MODEL
28-01-2023	CAFETERIA ANNEX OPTION 1,2
30-01-2023	AT SITE TC2 CONFERENCE
31-01-2023	CAFETERIA ANNEX OPTION 3,4
01-02-2023	EQUINOX MUMBAI PLANS COLOUR CODING
02-02-2023	RESEARCH ON SUSTAINABLE MATERIALS
03-02-2023	RESEARCH ON SUSTAINABLE MATERIALS
04-02-2023	NEUFERTS STANDARDS FOR OFFICE
06-02-2023	STANDARDS CHECK FOR TYPICAL FLOOR PLAN
07-02-2023	STANDARDS CHECK FOR TYPICAL FLOOR PLAN
09-02-2023	KANCHI DC GROUND FLOOR PLAN UPDATE
10-02-2023	KANCHI DC GROUND FLOOR PLAN UPDATE
11-02-2023	STT ANNEX OPTION 1 ALL FLOOR PLANS UPDATE
13-02-2023	KANCHI DC GROUND FLOOR PLAN UPDATE
14-02-2023	KANCHI DC GROUND FLOOR PLAN UPDATE
15-02-2023	STT ANNEX OPTIONFLOOR PLANS UPDATE
16-02-2023	STT ANNEX OPTION FLOOR PLANS UPDATE
17-02-2023	STT ANNEX OPTION FLOOR PLANS UPDATE
20-02-2023	STT ANNEX CAFETERIA 8PAX AND CUSTOMER LOUNGE
21-02-2023	STT ANNEX CAFETERIA 30PAX AND CANDIDATE EXP CENTRE
22-02-2023	TC 2 TOILET MODELING

23-02-2023	STT ANNEX LAYOUT OPTIONS THIRD FLOOR
24-02-2023	TC 2 TOILET TILES OPTIONS
27-02-2023	STT ANNEX LAYOUT OPTIONS FIRST FLOOR
28-02-2023	TC 2 TOILET RENDERS
01-03-2023	TC 2 TOILET COLOUR OPTION
02-03-2023	TC 2 TOILET COLOUR OPTION
03-03-2023	TC 2 TOILET CEILING OPTION
04-03-2023	TC 2 TOILET CEILING OPTION
08-03-2023	TC 2 TOILET CEILING OPTION
09-03-2023	TC 2 TOILET CEILING OPTION
10-03-2023	TC 2 TOILET CEILING OPTION
11-03-2023	TOILET REFERENCES COLLECTION
13-03-2023	TOILET REFERENCES BROWSING
14-03-2023	AIRPORT TOILETS CASE STUDY
15-03-2023	AIRPORT TOILETS CASE STUDY
16-03-2023	AIRPORT TOILETS CASE STUDY
17-03-2023	Standards check for TC4 office space
18-03-2023	Standards check for TC4 office space
20-03-2023	Standards check for TC4 office space
21-03-2023	Standards check for TC4 conference rooms
22-03-2023	Standards check for TC4 kitchen and dining
23-03-2023	Standards check for TC4 parking
24-03-2023	Annex layout terrace option
25-03-2023	Standards check for TC4
27-03-2023	DC Toilet Modelling
28-03-2023	DC Toilet View
29-03-2023	Annex Floor Plans update
30-03-2023	Annex Floor Plans update
31-03-2023	Annex Floor Plans update
01-04-2023	Annex Floor Plans update
03-04-2023	Annex Floor Plans update
04-04-2023	Annex Floor Plans update
05-04-2023	Annex Floor Plans update
06-04-2023	Annex Floor Plans update
07-04-2023	Terrace Floor Render
08-04-2023	Café Reference Images
10-04-2023	Staircase design
12-04-2023	Annex Floor Plans update and Staircase section
14-04-2023	Annex Terrace Option

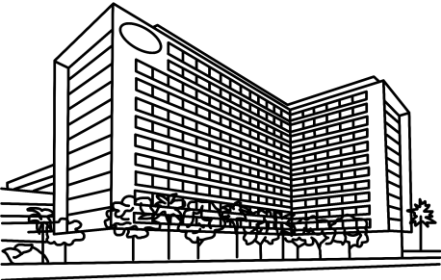




TC 2 BUILDING L&T CHENNAI
CONFERENCE ROOM DESIGN



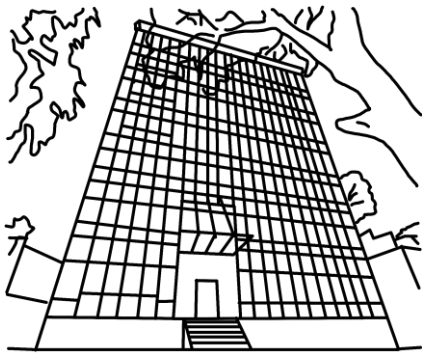
S.C.B HOSPITAL CUTTACK ODISHA



FORD GLOBAL TECHNOLOGY AND BUSINESS CENTER -CHENNAI



PRESTIGE JINDAL CITY- BENGALURU



DRDO BENGALURU





OPTION 1



OPTION 3



OPTION 2



OPTION 4



OPTION 5



OPTION 7



OPTION 6



OPTION 8

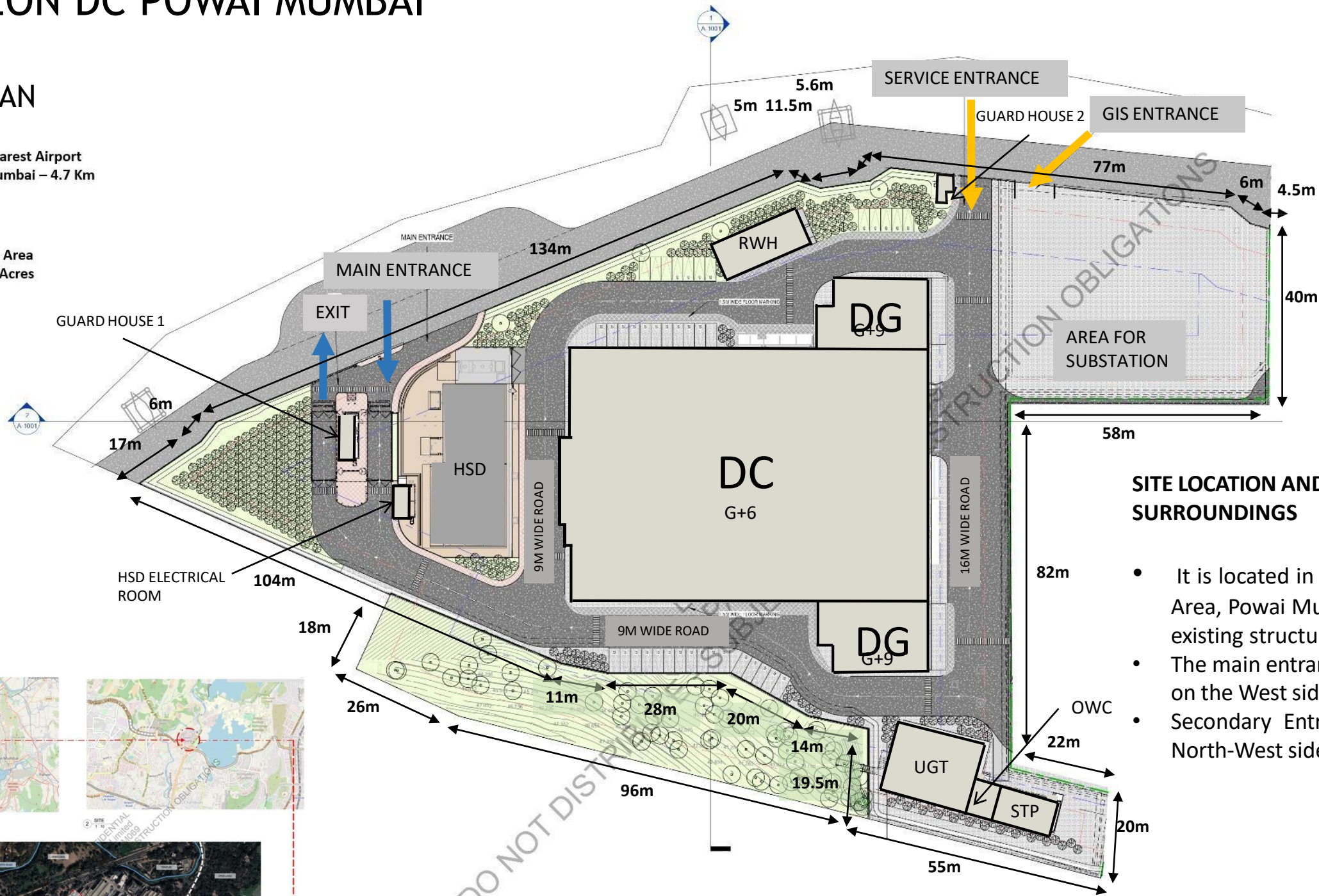


AMAZON DC POWAI MUMBAI

SITE PLAN

 Nearest Airport
Mumbai – 4.7 Km

 Site Area
5.5 Acres

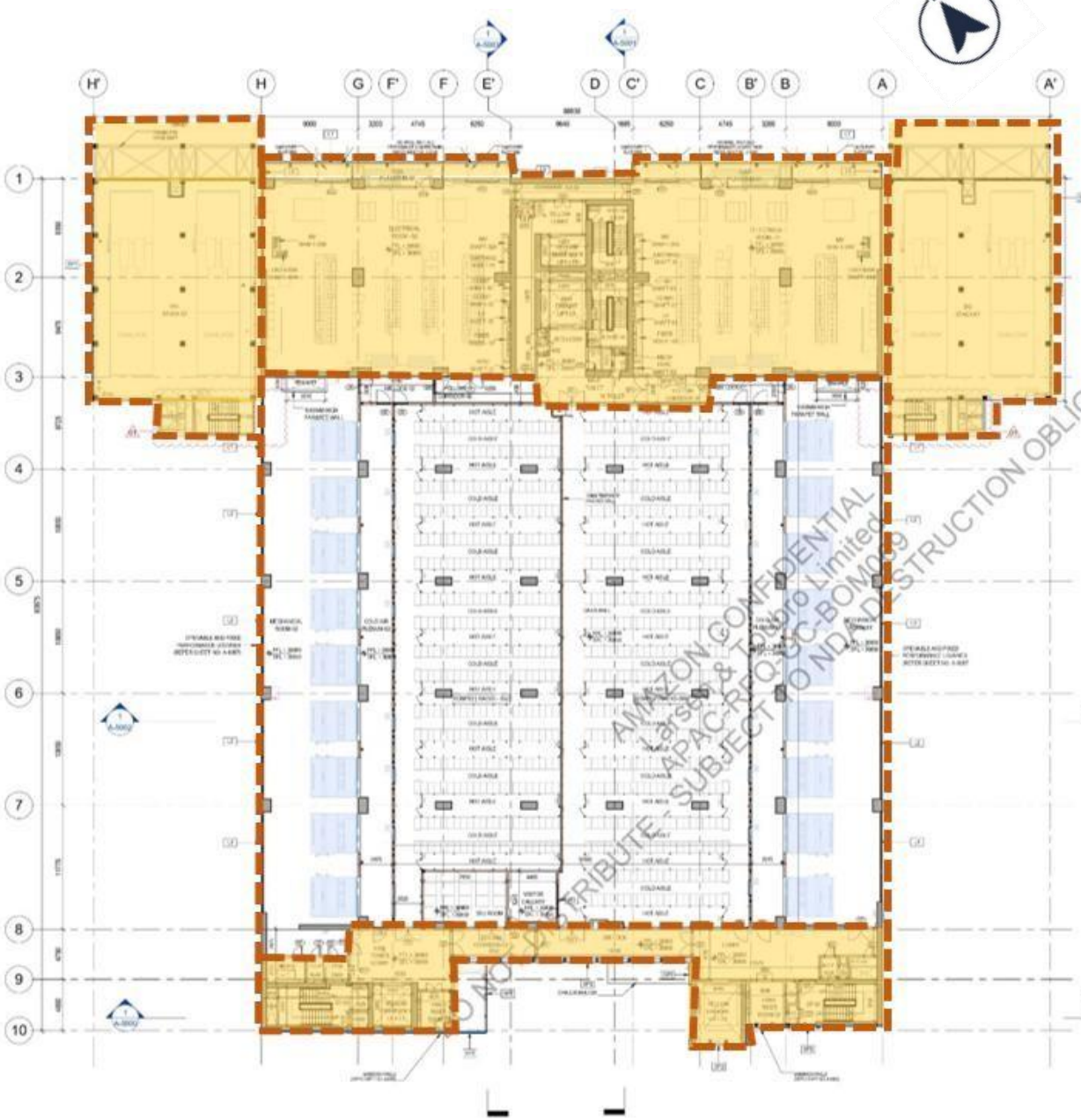
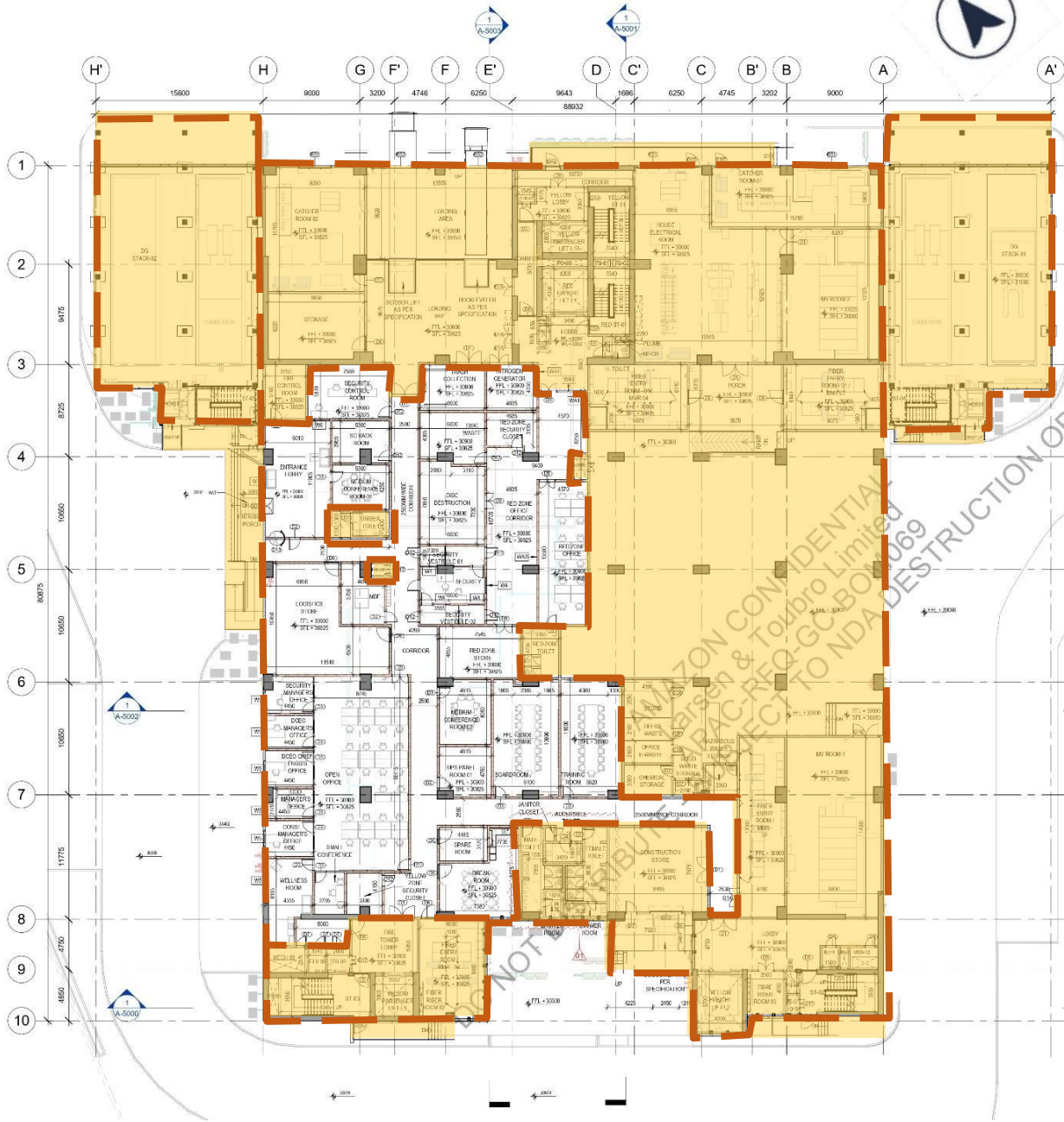


SITE LOCATION AND SURROUNDINGS

- It is located in the L&T Campus Area, Powai Mumbai – with few existing structures on site.
- The main entrance is provided on the West side.
- Secondary Entrance on the North-West side is provided.



 MAIN ENTRY
 SERVICE ENTRY



GROUND FLOOR PLAN

FIRST FLOOR PLAN

 INTERIOR FINISHES - BBCS SCOPE

 INTERIOR FINISHES - BBCS SCOPE

AREA STATEMENT - AMAZON DATA CENTER POWAI							
SITE AREA - 22278.65 SQM (5.5 Acres)							
DC BUILDING							
SL NO	DESCRIPTION	Calculated		Provided		Difference	
		AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)
1	Ground Floor	3919	42168	4060	43681	-141	-1513
2	First Floor	4626	49776	4998	53784	-372	-4008
3	First Floor Mezzanine	1576	16953	2183	23487	-607	-6534
4	Typical Floor (2nd to 6th Floor) (4592 SQM X 5)	22960	247050	25580	275237	-2620	-28187
5	Typical Floor Mezzanine (2nd to 6th Floor) (1639 SQM X 5)	8195	88178	12125	130462	-3930	-42284
6	Terrace	1521	16362	2033	21871	-512	-5509
7	Upper Terrace	1371	14750	2033	21871	-662	-7122
8	Roof Floor	0	0	678	7292	-678	-7292
	SUB TOTAL	44167	475238	53688	577686	-9521	-102449
DG							
SL NO	DESCRIPTION	Calculated		Provided		Difference	
		AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)
1	Typical Floor DG	667	7177	668	7185	-1	-8
	SUB TOTAL (DG level-1 to DG level-9) (667 SQM X 9)	6003	64593	6009	64662	-6	-69
ANCILLARY BUILDINGS							
SL NO	DESCRIPTION	AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)
1	HSD ELECTRICAL ROOM	29	315	29	312	0	3
2	GUARD HOUSE 1	36	391	36	392	0	-1
3	GUARD HOUSE 2	12	129	12	124	0	5
4	STP & OWC (ABOVE GROUND STR)	136	1468	142	1525	-5	-57
5	UGT (ABOVE GROUND)	23	245	40	430	-17	-185
6	RWH (ABOVE GROUND)	24	253			24	253
7	UGT PUMP ROOM (BELOW GROUND STR) NOT INCLD. IN BUA	204	-	-	-	-	-
8	RWH PUMP ROOM (BELOW GROUND STR) NOT INCLD. IN BUA	105	-	-	-	-	-
	SUB TOTAL	260	2801	259	2784	2	18
		Calculated		Provided		Difference	
		AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)	AREA* (SQM)	AREA* (SQ FT)
	TOTAL BUILT UP AREA* (DG not included)	44427	478039	53947	580470	-9520	-102431

*In process As per documents received on 25.10.22

- Notes :
- 1) HSD Yards, UGT Tanks not included in Total Built Up Area Calculation.

2) All Shafts are included in Built-up Area Calculation.

3) Staircase headrooms on Terrace floor, Machine room in Terrace Gantry are included in BUA Calculation.

4) Open staircases at DG considered in BUA Calculation.

5) Hoist area, DG Purge shaft at DG not included in BUA Calculation.

6) Refuge area covered included in BUA Calculation.



OPTION - 1



OPTION - 2



OPTION - 3

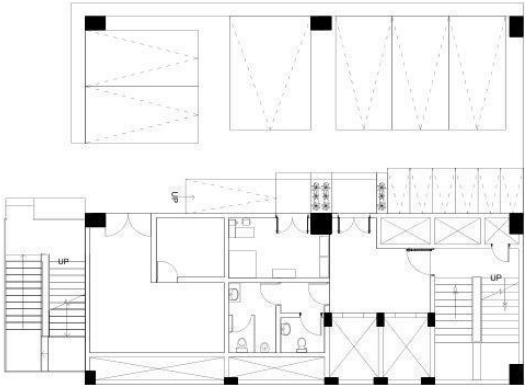
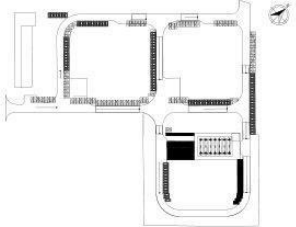


OPTION - 4

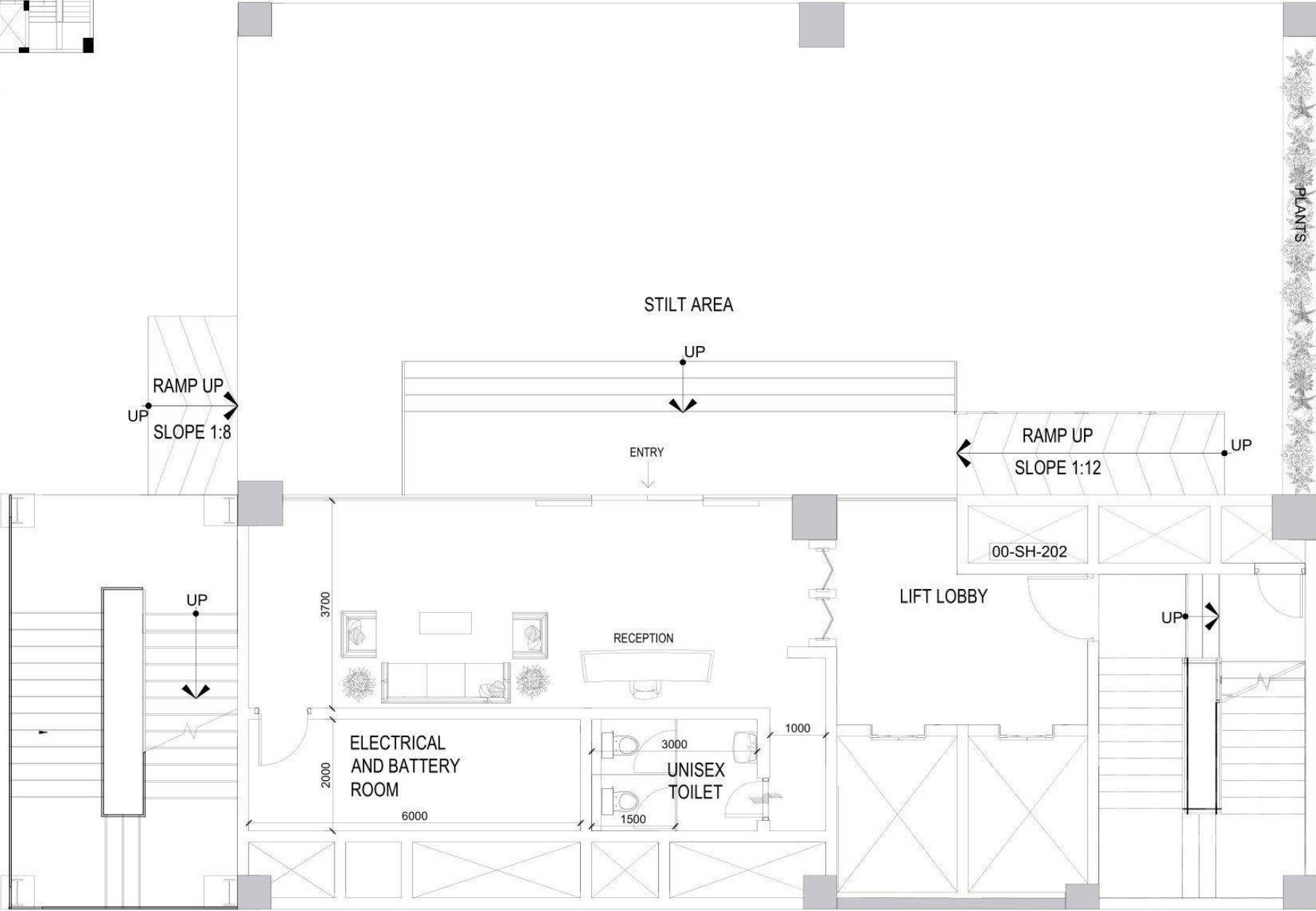
STTelemedia Datacenter – Navi Mumbai Annex Building

This datacenter is proposed in navi Mumbai for which the conceptual design is made by Jacobs and the project was handed over to L&T construction by STTelemedia team

Current scope of works handled : I was assigned the floor plan designing part, different iterations were made and shown to higher authority, after approval the floor layouts were submitted to client. For every plan plan corrections renders were being updated and submitted. Further based on the new plans, the new quantities were taken to confirm with the difference between tender quantity and current quantity. Simultaneously the playbook specifications were compared with our finishing schedule options and the comparsion chart were made and submitted to client team and further coorections in renders and floor plans were processing in current period

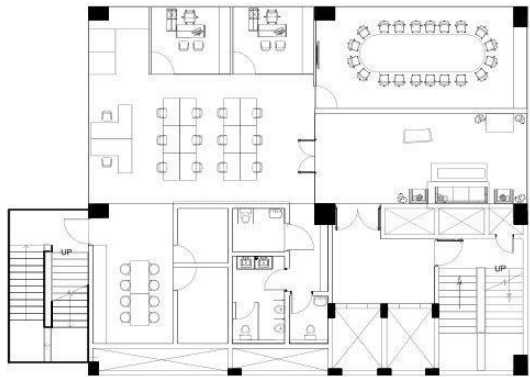


EXISTING LAYOUT

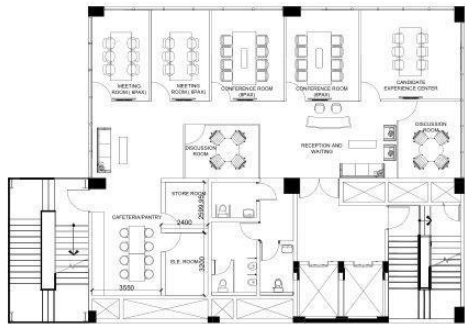


SCALE : 1: 75
SHEET SIZE : A3
DRAWING NO : 01

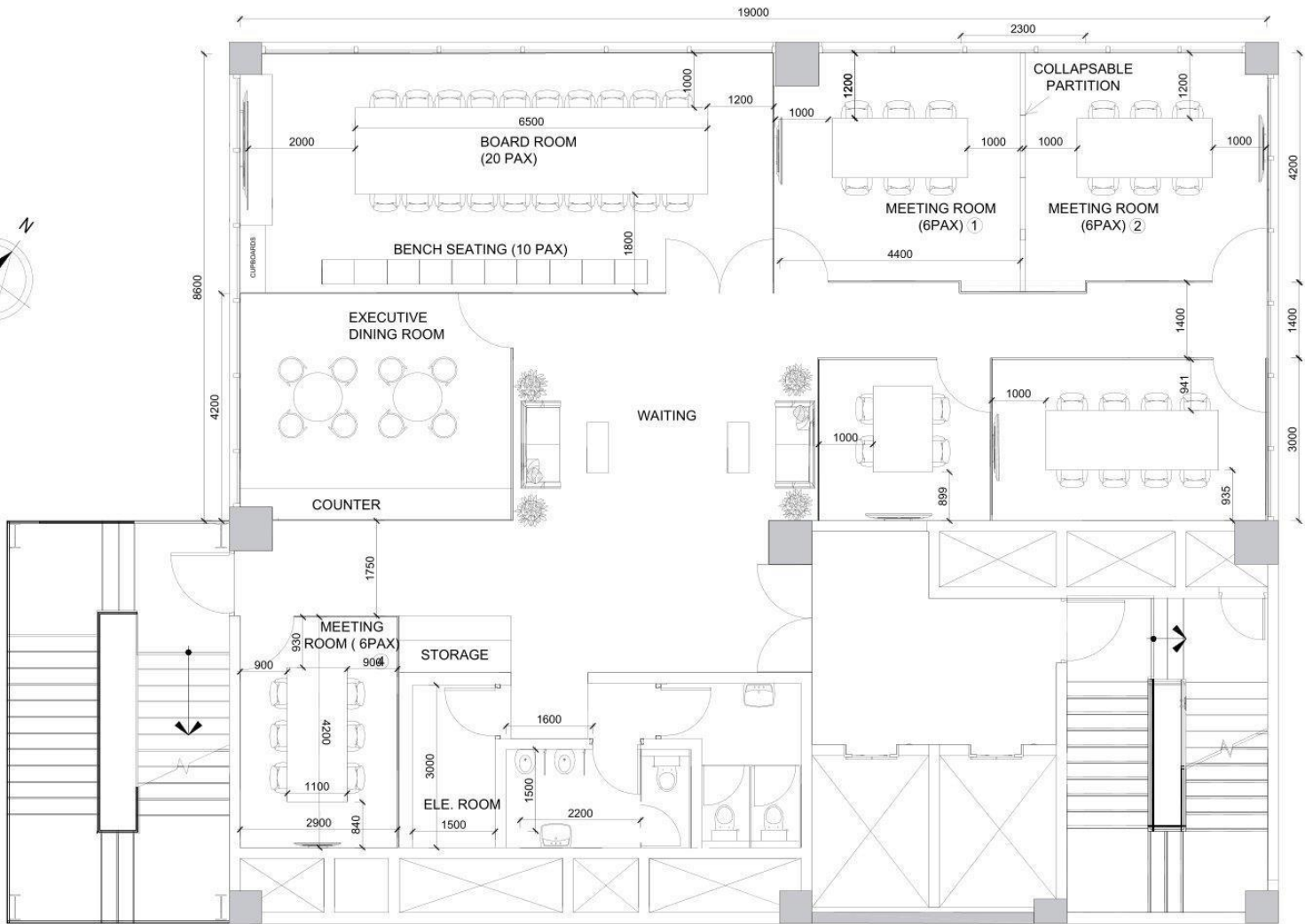
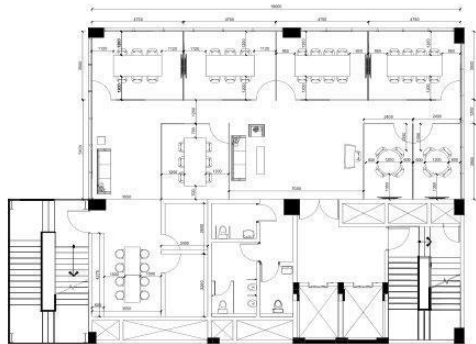
ANNEX BUILDING - STILT FLOOR PLAN



EXISTING LAYOUT



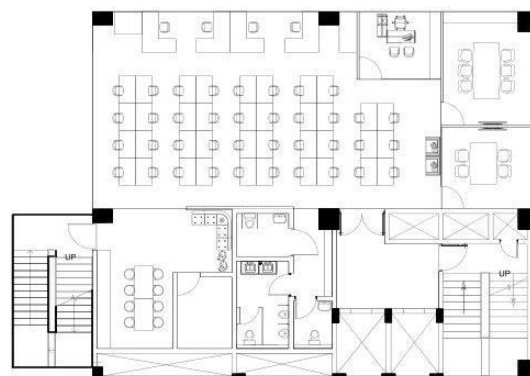
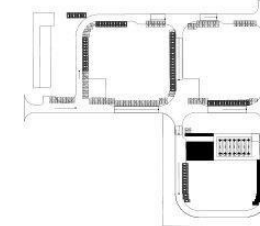
ITERATIONS



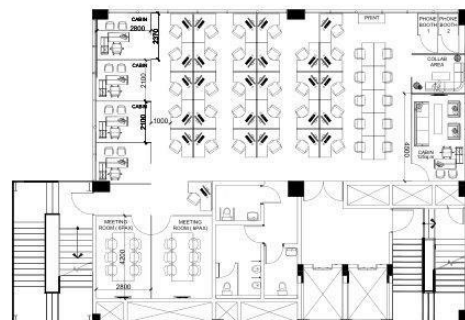
SCALE : 1: 100

SHEET SIZE : A3

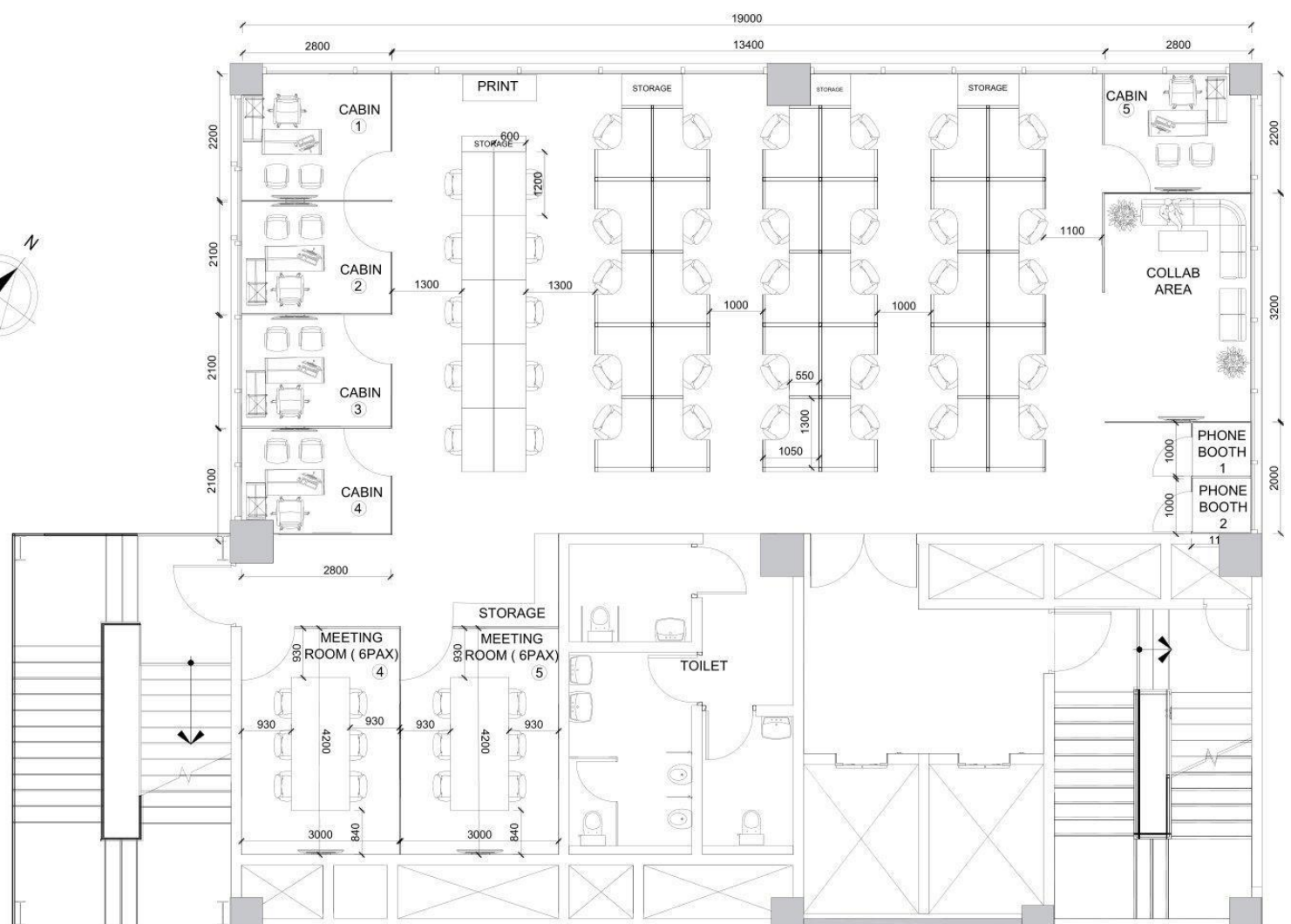
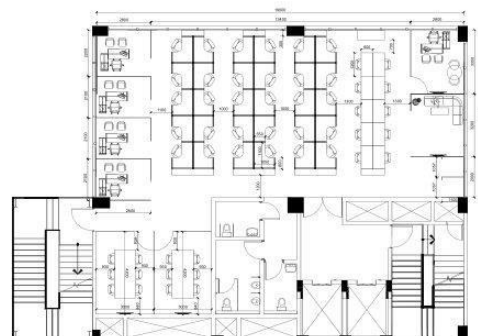
DRAWING NO : 02



EXISTING LAYOUT



ITERATIONS

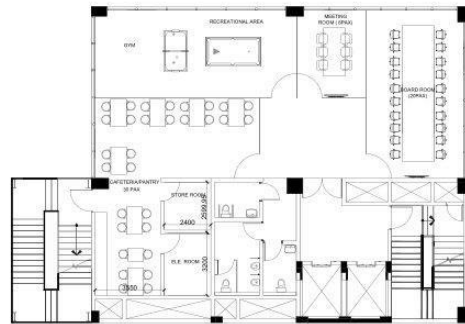
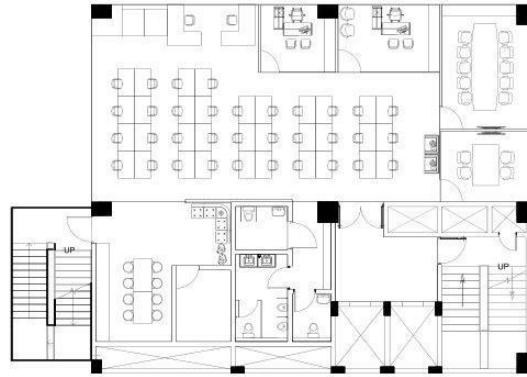
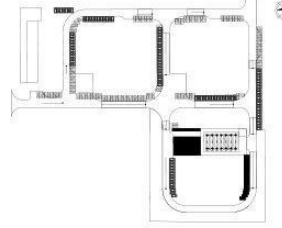


SCALE : 1: 100

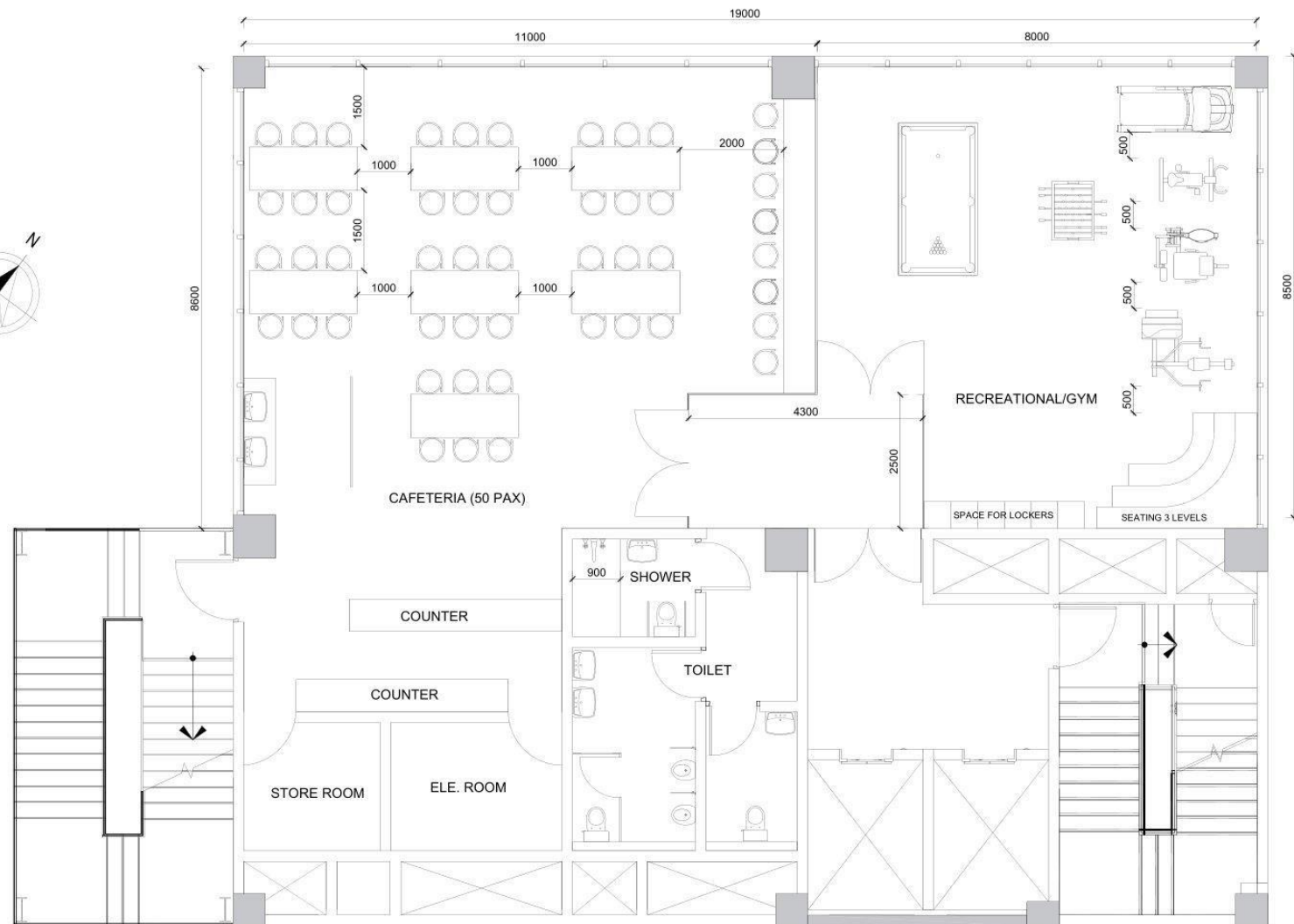
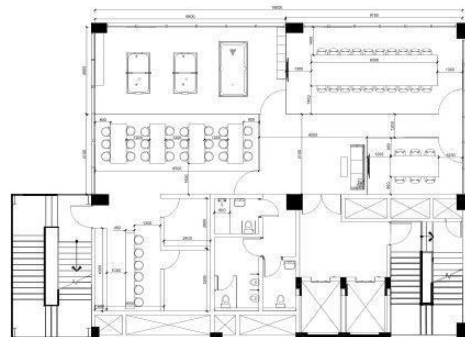
SHEET SIZE : A3

DRAWING NO : 03

ANNEX BUILDING - SECOND FLOOR PLAN

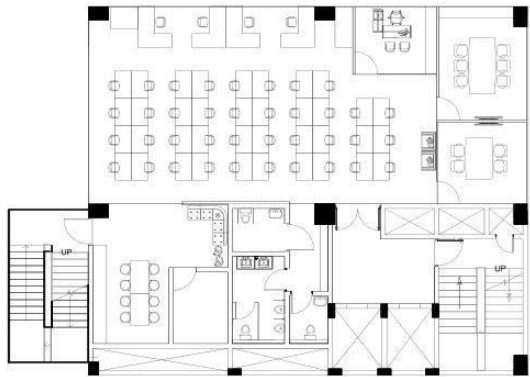
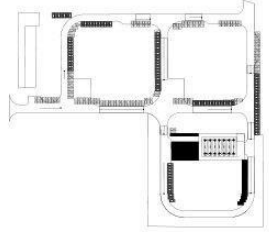


ITERATIONS

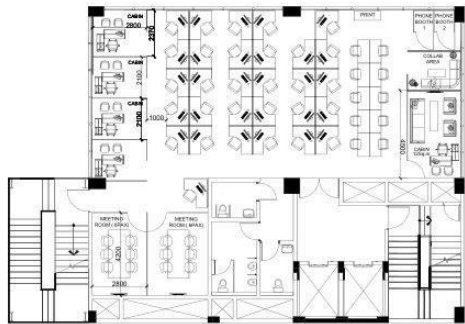


DRAWING NO : 04

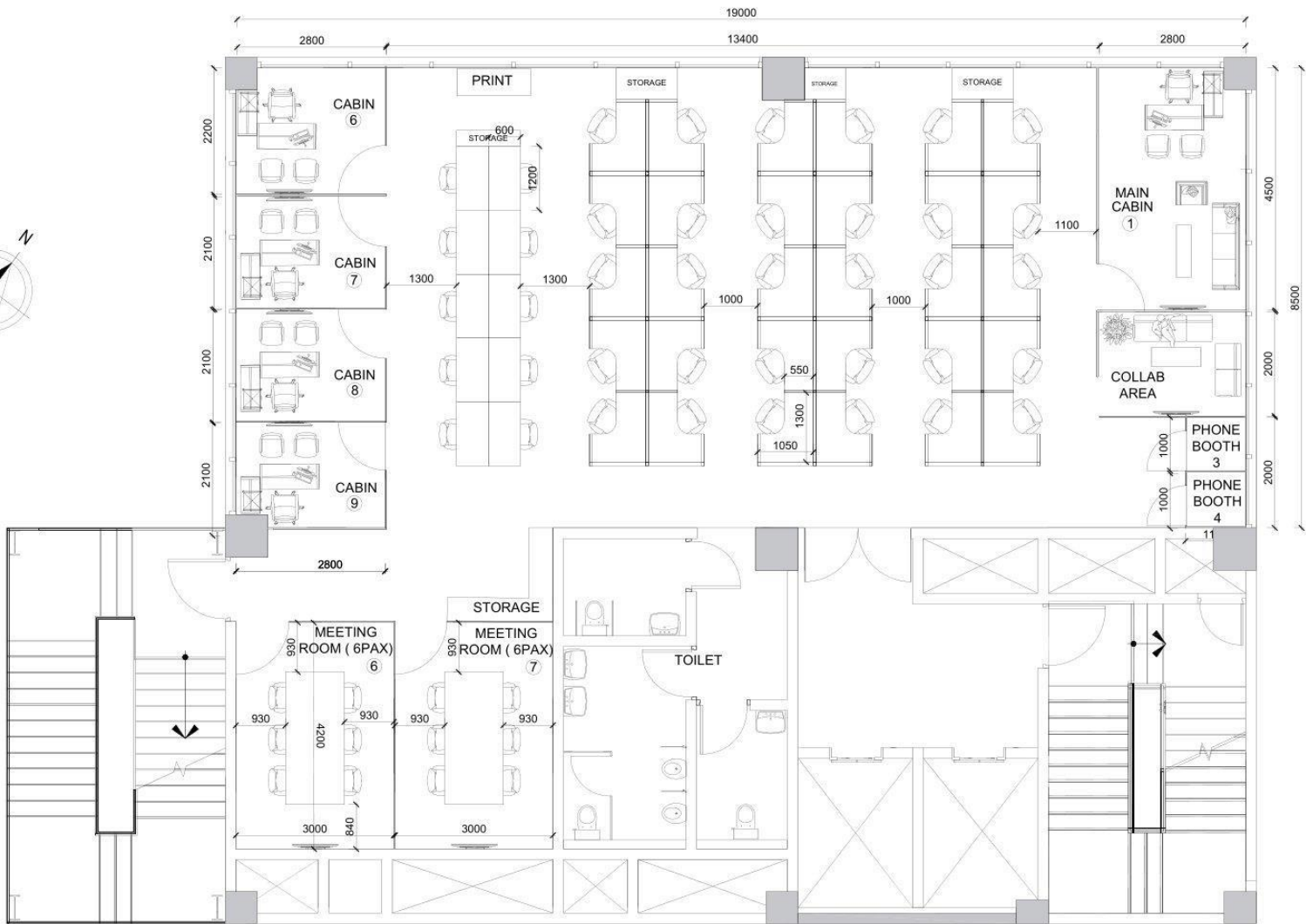
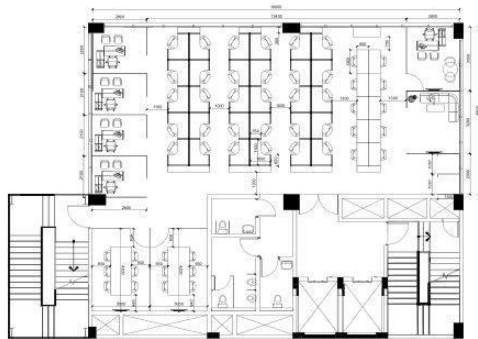
ANNEX BUILDING - THIRD FLOOR PLAN



EXISTING LAYOUT



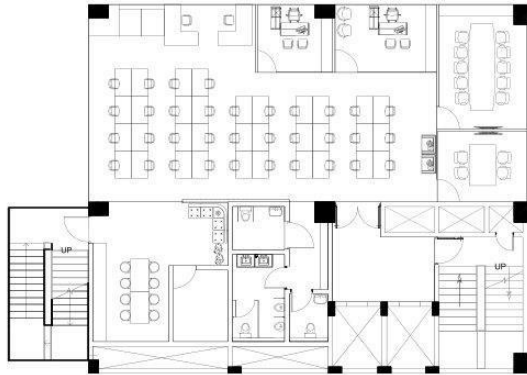
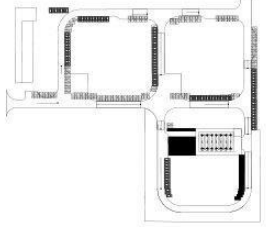
ITERATIONS



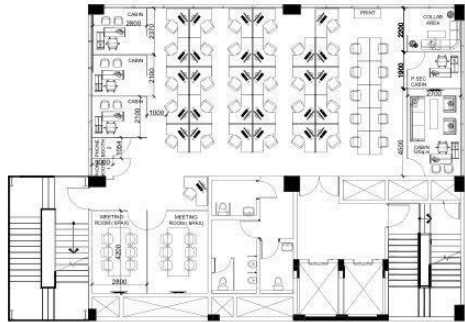
SCALE : 1: 100

SHEET SIZE : A3

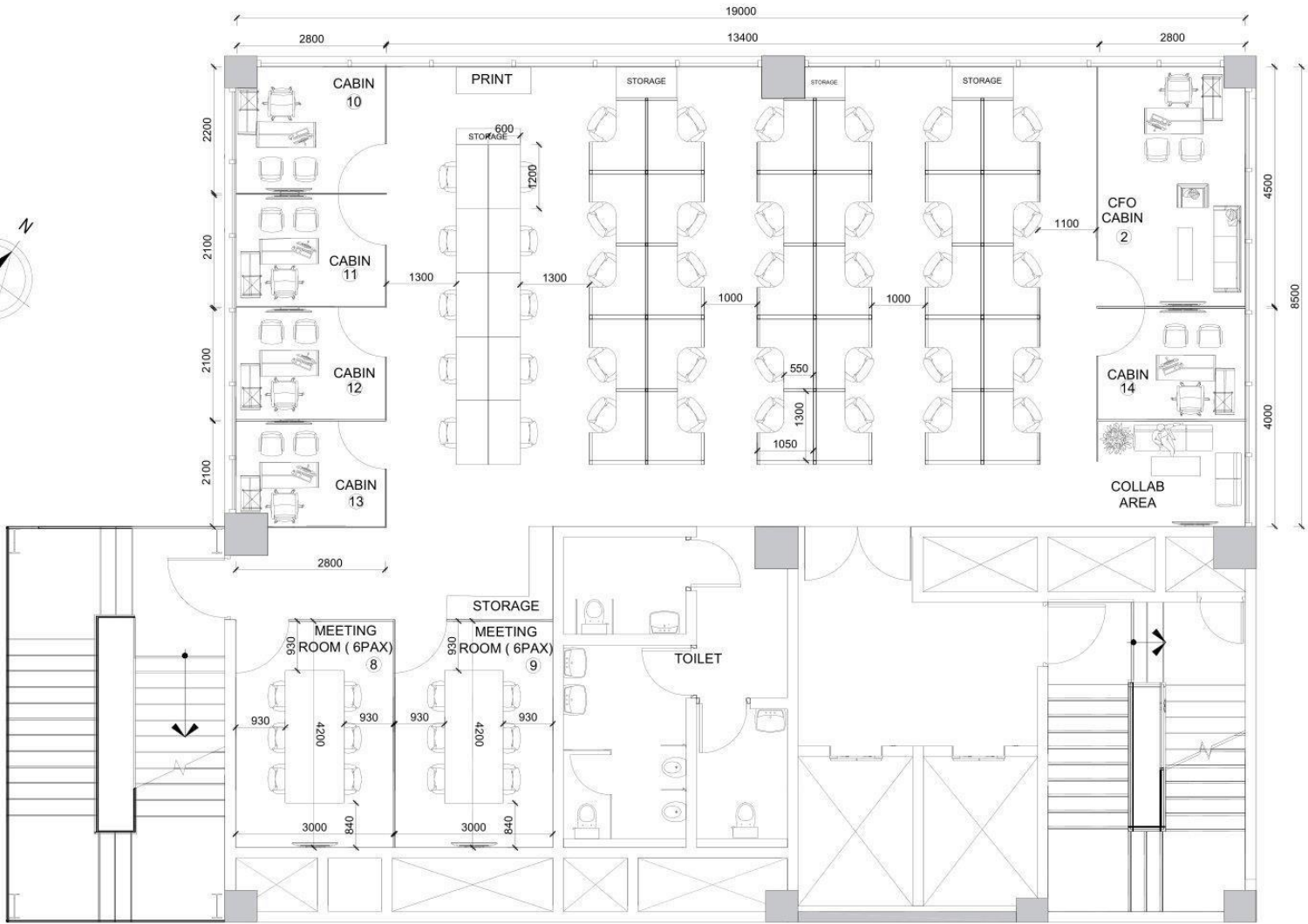
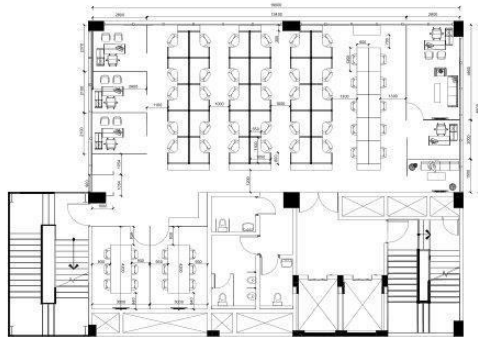
DRAWING NO : 05



EXISTING LAYOUT



ITERATIONS

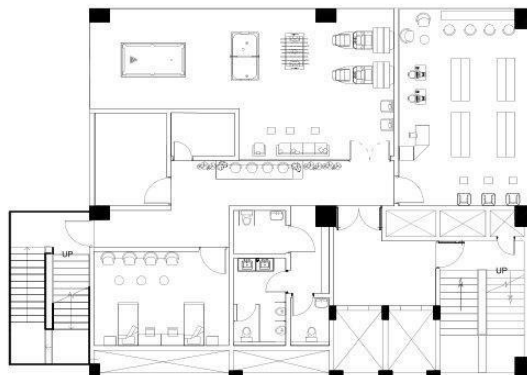


SCALE : 1: 100

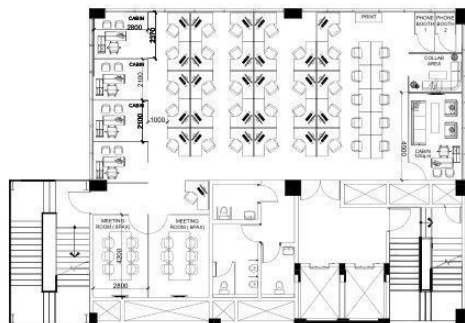
SHEET SIZE : A3

DRAWING NO : 06

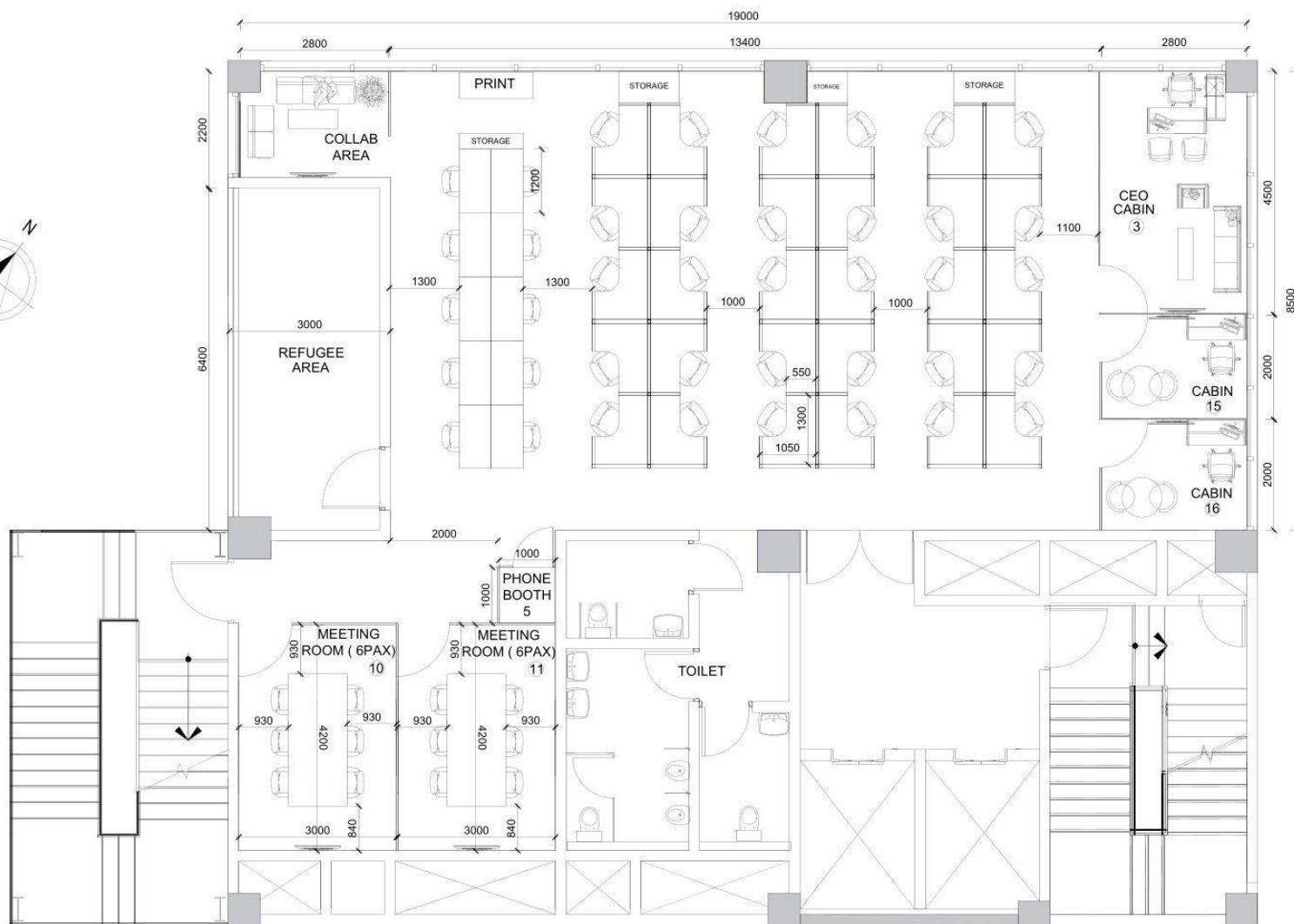
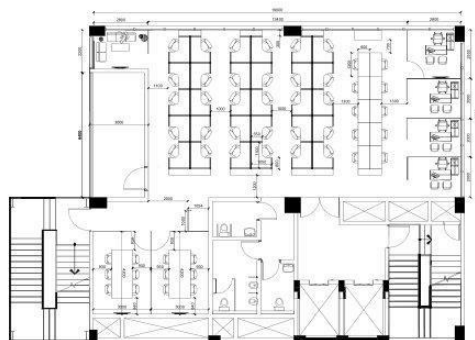
ANNEX BUILDING - FIFTH FLOOR PLAN



EXISTING LAYOUT



ITERATIONS

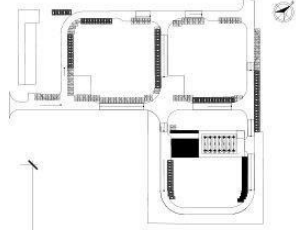


SCALE : 1:100

SHEET SIZE : A3

DRAWING NO : 07

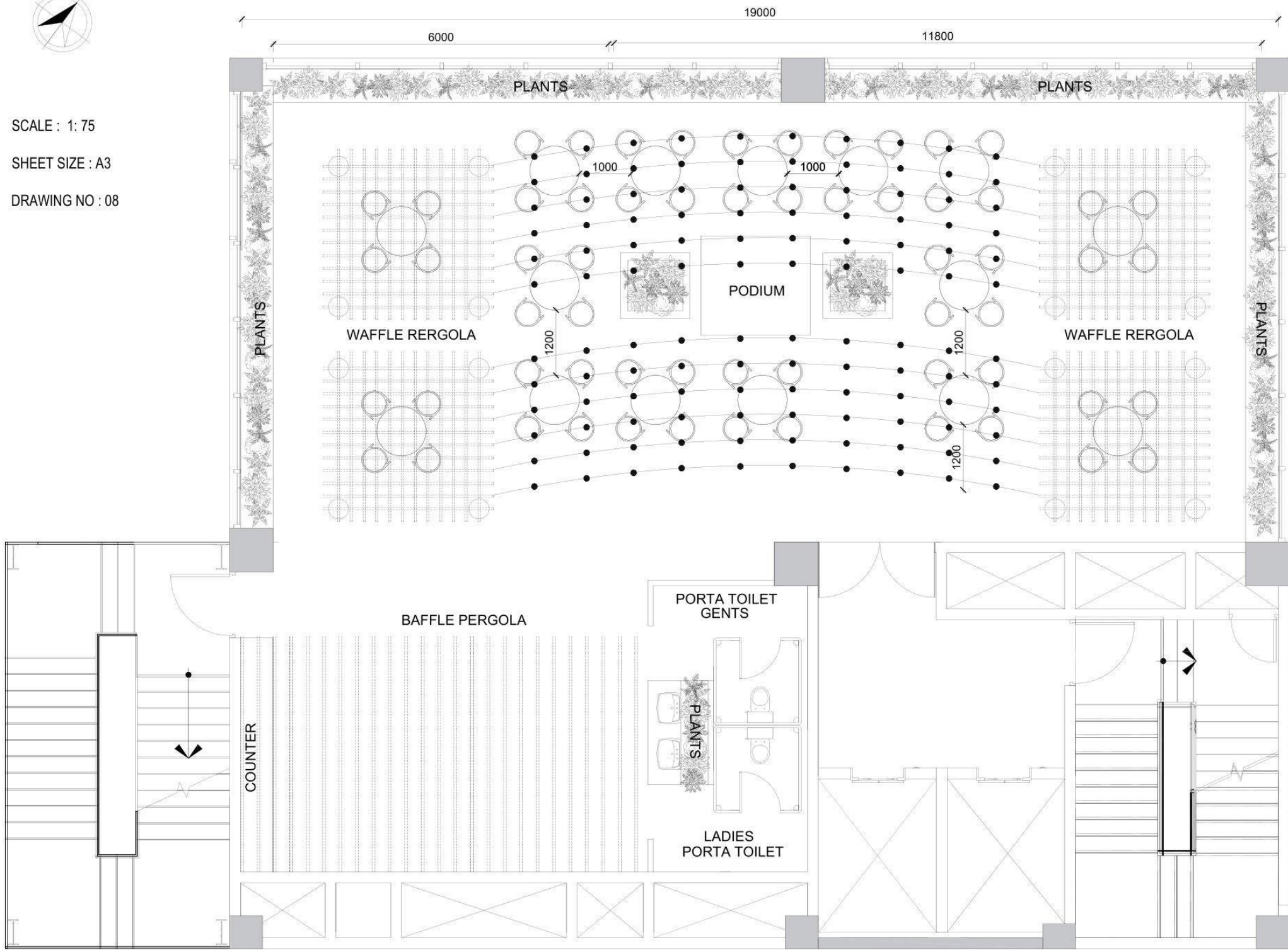
ANNEX BUILDING - SIXTH FLOOR PLAN



8500



SCALE : 1: 75
SHEET SIZE : A3
DRAWING NO : 08



ANNEX BUILDING - TERRACE FLOOR PLAN

	Latest layout as per client's requirement	Quantities as per signed contract document
No.of cabins (16 Small + 3 Big)	19	8
No.of open workstation (L shaped workstations)	116	145
Hot seats for visiting staff (Running workstation)	40	25
3 seater sofa	7	-
2 seater sofa	6	-
1 seater sofa (Including Boardroom seating)	15	-
Chairs	322	242
Cafe seating (Including Terrace - 60)	118	40
6 pax meeting room	11	4
no.of 4 pax meeting room	1	4
no.of phone booth	5	8
store room requirement	1	2
Porta Cabin toilet	2	-
8 pax meeting room	1	-

RECEPTION AND WAITING LOUNGE



CONFERENCE ROOM



8PAX CAFETRIA



32 PAX CAFETRIA



TOILET OPTION 1



TOILET OPTION 2



TERRACE NIGHT VIEW



TERRACE DAY VIEW



CAFETERIA OPTION 1



CAFETERIA OPTION 2



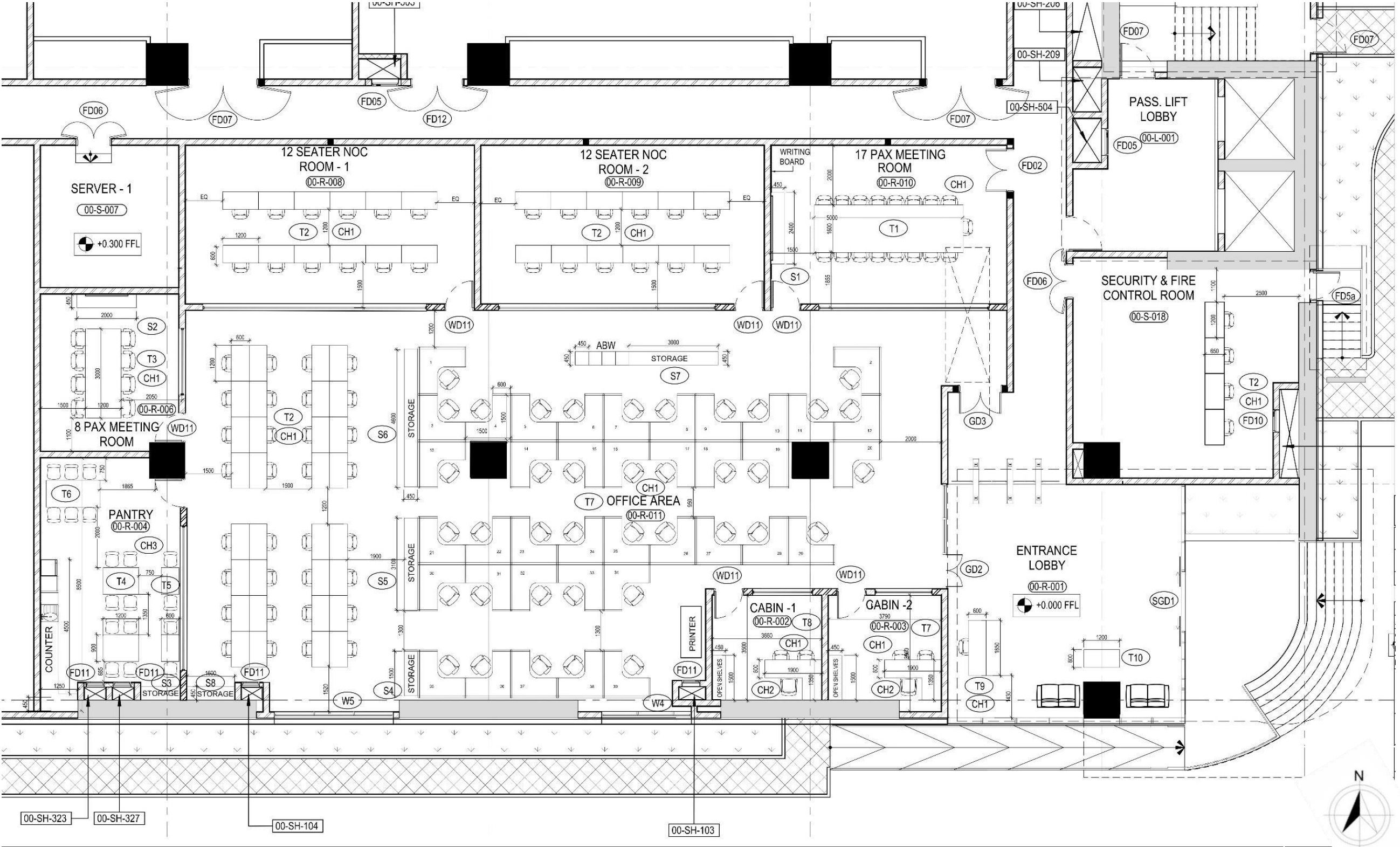
CAFETERIA OPTION 3



CAFETERIA OPTION 4



L&T DATA CENTER, KANCHEEPURAM
GROUND FLOOR PLAN



CUSTOMER LOUNGE OPTION 1



CUSTOMER LOUNGE OPTION 2



SOC ROOM



CAFETERIA



TOILET OPTION 1



TOILET OPTION 3



TOILET OPTION 2



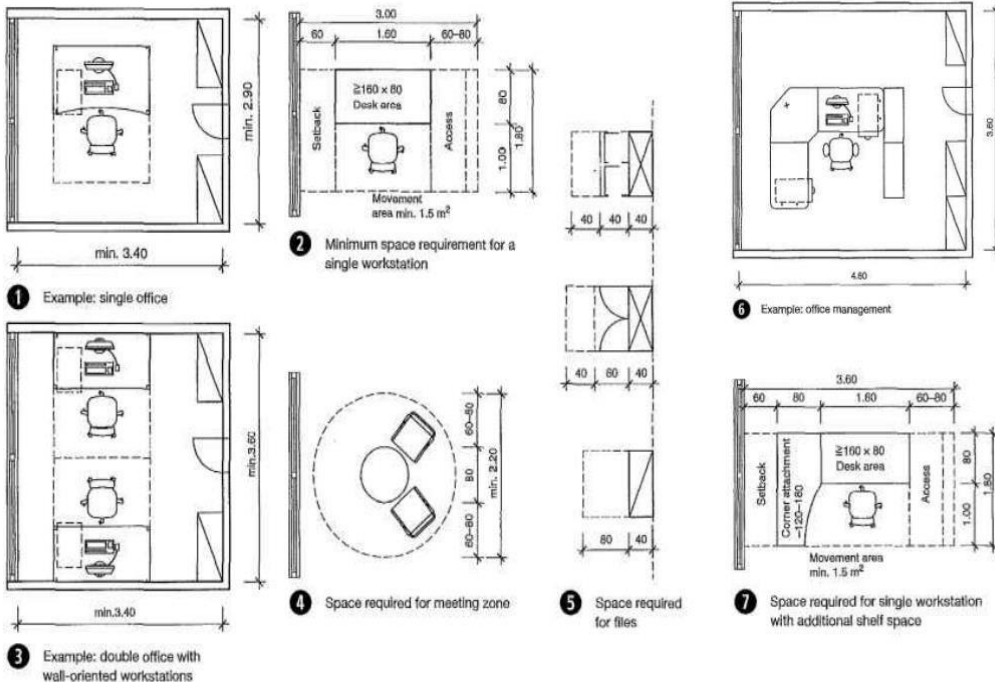
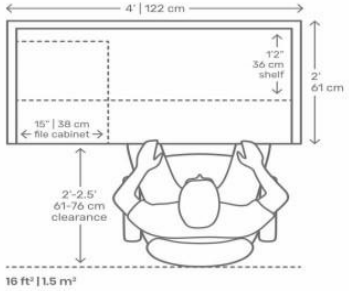
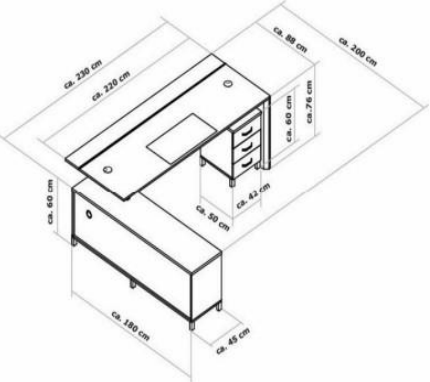
TOILET OPTION 4



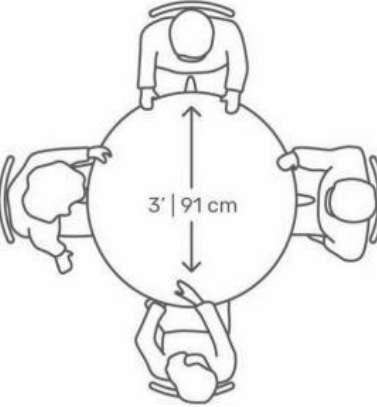
STANDARDS CHECK FOR TC4 BUILDING

TYPICAL FLOOR				
Spaces	Actual Dimensions	Standards	Remarks	occupancy
Right wing				
Cabin and cubicles	3000*3100	4000*3000	4 sq.m per person	1
	3000*2600			
	3000*4000			1
	3000*2600			
Manager Cabin				
Furniture - Round table	900	910	furniture standards	4
Open workstation	177sqm	250sqm	60-100sqft per person in open workstation	45
	137sqm	240sqm		43
	137sqm	240sqm		43
	184sqm	250sqm		45
Cabin	3000*2900	4000*3000	4 sq.m per person	3
	3000*2900			
	3000*4000			
	3000*2600			
	3000*2600			
Conference room				
13 Seater	31sqm	32.5sqm	2 rooms (2.5sqm per person)	13
8 Seater	14.19sqm	20sqm	3 rooms (2.5 sqm per person)	8
Passage between two lines in open workstation	1800	2400	minimum 2400mm	dis
	2100	2400		
Distance between table and wall(Partition)				
Cabin	1760/940/1040	1200	Distance should be double of chair (600mm)	dis
Conference room (13 seater)	1870/1945			
Meeting room (8 seater)	1090/1290/1010			
Toilets				
Toilet Cubicle	1500*1010	1500*850	1.2sqm per person	1
Passage way	1500	1650	distance btw two walls should be 1650	dis
Left Wing				
Breakout Spaces				
Round table	225mm radius	1066mm radius	furniture standards	fur
Chair	878*836mm	915*915mm	furniture standards	fur
Passage between two lines in open workstation	1425mm	2400mm	minimum 2400mm	dis
Conference room (25 seater)	34sqm	62.5sqm	2 rooms (2.5sqm per person)	25
Meeting room (8 seater)	17.2sqm	20sqm	3 rooms (2.5sqm per person)	8

WORKSTATION
STANDARDS



MEETING TABLE STANDARDS



FOR 4 PEOPLE



FOR 2 PEOPLE

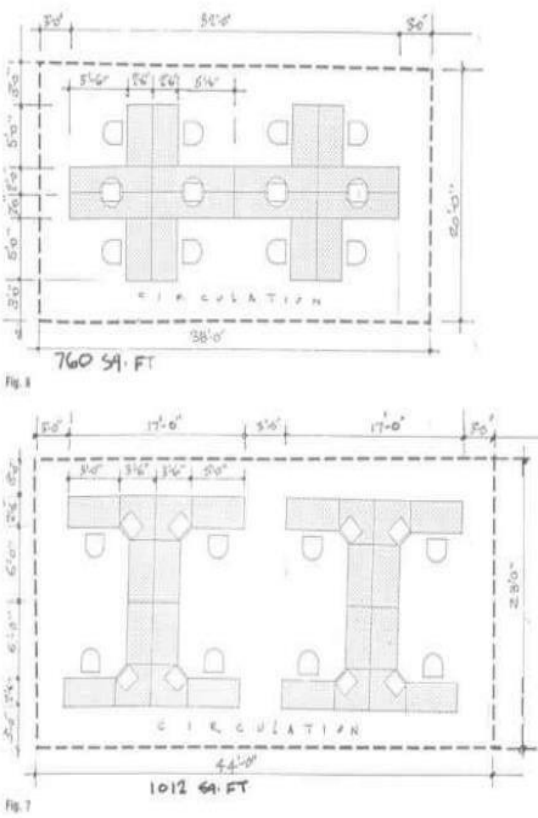
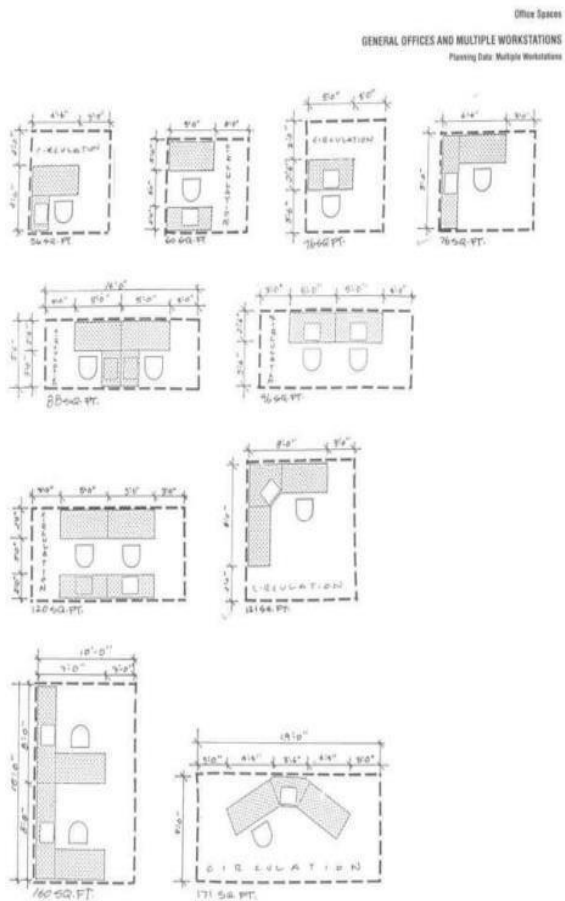


Fig. 3 Depending upon function, the sizes of individual and multiple workstations vary drastically. Size of work surface, length and depth of return, chair size, and circulation patterns all influence the gross square footage requirements.

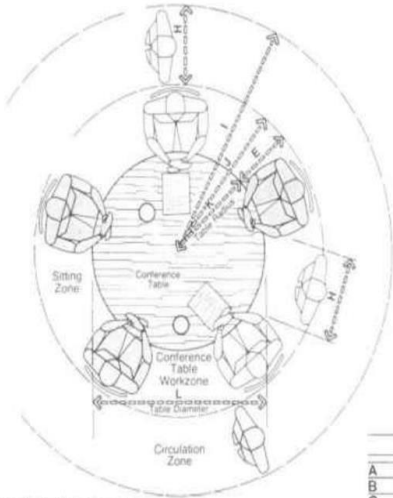
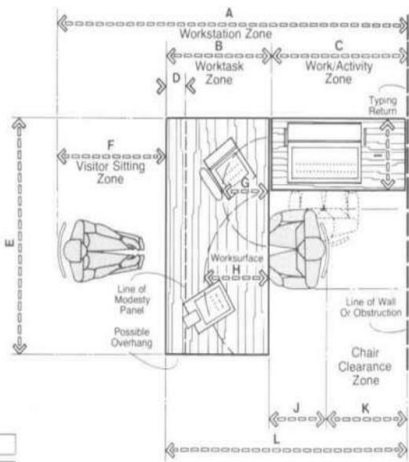


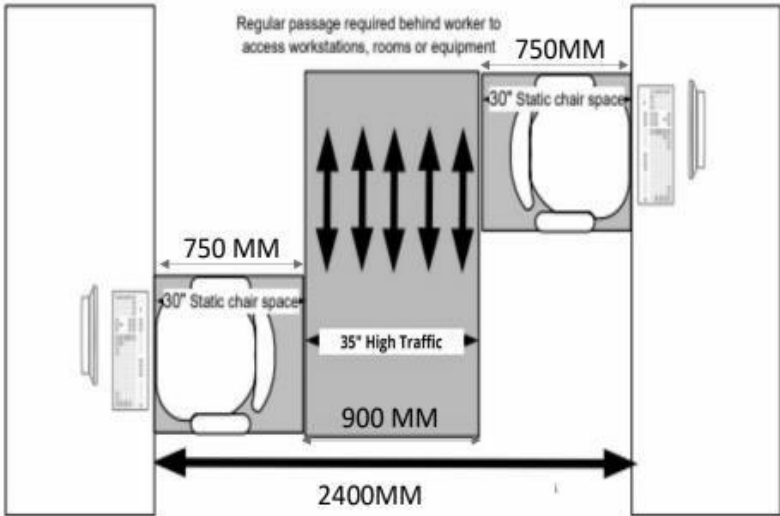
Fig. 2 Circular conference table.

	in	cm
A	48-60	121.9-152.4
B	4-6	10.2-15.2
C	20-24	50.8-61.0
D	6-10	15.2-25.4
E	18-24	45.7-61.0
F	30-36	76.2-91.4
G	54-60	137.2-152.4
H	30	76.2
I	72-81	182.9-205.7
J	42-51	106.7-129.5
K	24-27	61.0-68.6
L	48-54	121.9-137.2



	in	cm
A	90-126	228.6-320.0
B	30-36	76.2-91.4
C	30-48	76.2-121.9
D	6-12	15.2-30.5
E	60-72	152.4-182.9
F	30-42	76.2-106.7
G	14-18	35.6-45.7
H	16-20	40.6-50.8
I	18-22	45.7-55.9
J	18-24	45.7-61.0
K	6-24	15.2-61.0
L	60-84	152.4-213.4
M	24-30	61.0-76.2
N	29-30	73.7-76.2
O	15-18	38.1-45.7

AISLE WIDTH STANDARDS



Office Spaces RECEPTION AREAS Planning Data: Seating Arrangements

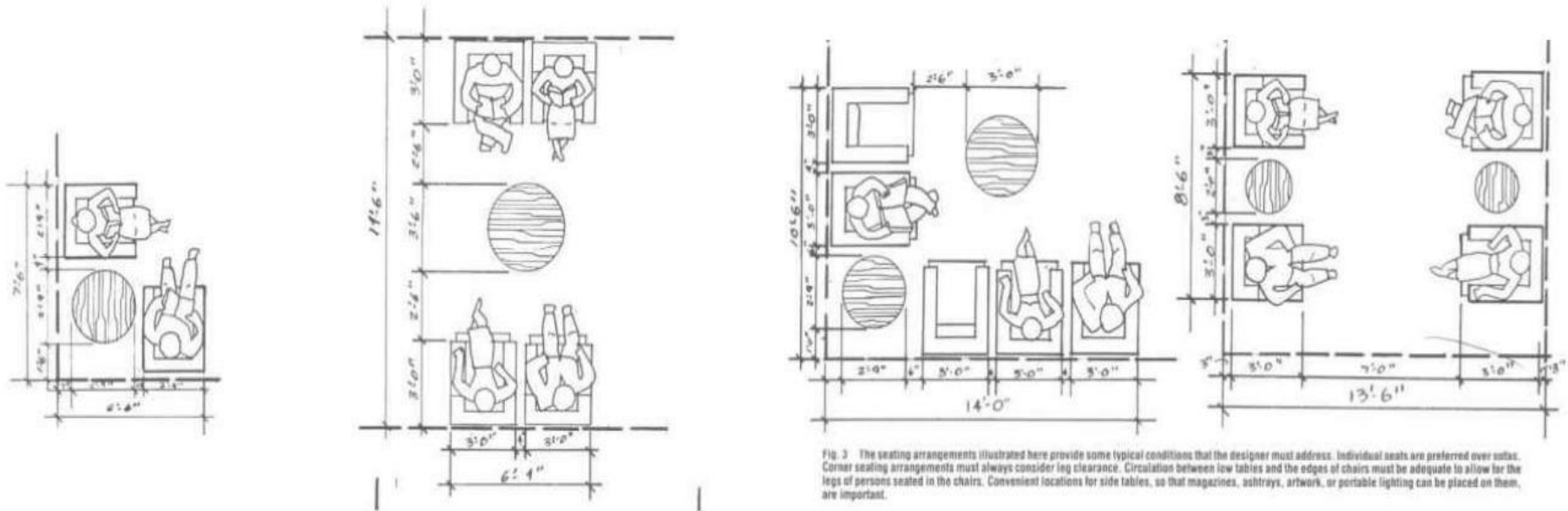


Fig. 3 The seating arrangements illustrated here provide some typical conditions that the designer must address. Individual seats are preferred over sofas. Corner seating arrangements must always consider leg clearance. Circulation between low tables and the edges of chairs must be adequate to allow for the legs of persons seated in the chairs. Convenient locations for side tables, so that magazines, ashtrays, artwork, or portable lighting can be placed on them, are important.

THANK YOU