



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)

DEC 2022

Name of the Student : SUDERVEL D

Batch : 2019 - 2024

Reg No. : 39210091

Semester : VII



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 **SUDERVEL D** who had undergone training in **SF INFRA** 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





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, **SUDERVEL D**, by declaring that the Training Report **JUNE 2022 to NOVEMBER 2022** done by me under the guidance of **Ar. Sriviji Nachimuthu** is submitted in partial fulfillment of the requirements for the completion of a practical training session.

DATE : 13/12/2022

PLACE
CHENNAI

S Sudarvel
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. Sriviji Nachimuthu**, for the experience of interning at their firm.

CONFIRMATION LETTER



Sriviji Sriviji <sriviji@sanctityferme.com>

to me ▾

Sat, Jun 11, 3:03 PM



Dear Sudervel

On behalf of SF INFRA, I am excited to extend an offer to you for an internship position within our team. This position is located in Sanctity Ferme, Shoolagiri, Tamil Nadu. We are expecting you to start your internship positively by 15th of June and work for a minimum of 120 days.

To be considered for Volunteering or Interning at SF INFRA, candidates must be:

- 1) Self-servicing and strongly motivated to steer small work-projects towards short-term objectives (we do not believe in a policed work environment)
- 2) Open to active hands-on work on construction sites besides office based CAD and Physical Model-making,
- 3) Willing to work Wednesday to Monday (Tuesday being the week-off)- 6 days a week.
- 4) Ready to work without monetary compensation but with in-kind support for accommodation and food.
- 5) A strong team-player with a complimentary work style

SF INFRA offers its volunteers/interns-

- Basic accommodation,
- Internet facility,
- Laundry,
- Kitchen access and
- Food allowance.

Please review the email in detail and revert back your acceptance on or before 10th June. Official offer/Joining letter will be provided upon joining.

Regards

Sriviji Nachimuthu

Director- Design and Projects

SF INFRA

BONAFIDE



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

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

www.sathyabama.ac.in

Date: 16 June 2022

To whomsoever it may concern

As a part of the Academic requirement and the regulations of Sathyabama Institute of Science and Technology and the Council of Architecture, our student **SUDERVEL. D (39210091)** is required to undergo professional training from the month of June 2022, for a minimum span of 90 working days in his VII semester. The training has to be done under a senior registered architect with a minimum of 5 years of professional experience.

The student will have to submit a documentation report (supported with copies of work done by him, duly attested by the architect) of all the drawings and site related activities undertaken under the supervision of Principal architect at the end of training period to the institution. It is requested that **SUDERVEL. D (39210091)** may be given an opportunity to undergo training in your Architectural firm.

Kindly send an appointment letter to the undersigned stating that the student has been selected as a trainee in your esteemed office.

Thanking you

A handwritten signature in black ink, appearing to read 'Devyani', with a stylized flourish at the end.

Dr. Devyani Gangopadhyay

Dean, School of Building and Environment

JOINING LETTER

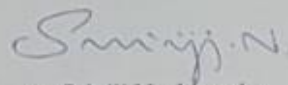


Date: 15th JUNE 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Sudarvel.D (19S215041) student of Sathyabama University has Joined our firm, **SF Infra** as a part of his professional training from **14th June 2022** for a period of 6 months.

Yours sincerely



Ar. Sriviji Nachimuthu
Director – Design & Projects
SF Infra
sriviji@sanctityferme.com
Ph: 9786721215

Sriviji Nachimuthu
Registered Architect
CA/2012/56722



Kodiga Timmanapalli
Tamil Nadu-635117, India.

JUNE MONTH REPORT



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

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 : SF INFRA

2. Address & Contact Number : SANCTITY FERME, CHEMBALTRADI ROAD,
KODIGA TIMMANAPALLI, TAMIL NADU, 635117

3. Name of the student : SUDERVEL

4. Duration : From 15.06.2022 To 30.06.2022

5. Total No. of days : 14

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)



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

7. Any other Remarks : Shows great Interest in on-site hands-on work and monitoring.

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

Sriviji N.
Sriviji Nachimuthu
Registered Architect
CA/2012/56722



JULY MONTH REPORT



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

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 : SF INFRA

2. Address & Contact Number : SANCTITY FERME, CHEMBALTRADI ROAD,
KODIGA TIMMANAPALLI, TAMIL NADU, 635117

3. Name of the student : SUDERVEL

4. Duration : From 01.07.2022 To 31.07.2022

5. Total No. of days : 27

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)



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

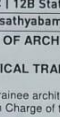
7. Any other Remarks : Overall Improvement seen in digital drafting and communication.

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

Sriviji N.
Sriviji Nachimuthu
Registered Architect
CA/2012/56722



AUGUST MONTH REPORT



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

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

www.sathyabama.ac.in

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 : SF INFRA
2. Address & Contact Number : SANCTITY FERME, CHEMBALTRADI ROAD,
KODUGA TIMMANAPALLI, TAMIL NADU,
3. Name of the student : 635117, PH: 9186721215
4. Duration : From 1.5.22 To 31.5.22
5. Total No. of days : 26 Working, 0 Absent.
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)



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

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

www.sathyabama.ac.in

7. Any other Remarks : Very organised in maintaining drawings & documents.
8. Signature of the:
Head of the Office
/ Organization
(With Seal)




Smtiji Nachimuthu
Registered Architect
CA/2012/56722

SEPTEMBER MONTH REPORT


SATHYABAMA
 INSTITUTE OF SCIENCE AND TECHNOLOGY
 (DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
 www.sathyabama.ac.in

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 be submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : SF INFRA
2. Address & Contact Number : SACTITY FERME, CHEMBALTRADI ROAD,
KODIGA TIMMANAPALLI, TAMIL NADU, 63117
PH: 9786721215
3. Name of the student : SUDARVEL
4. Duration : From 1.09.2022 To 30.09.2022
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*	B.O				

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


SATHYABAMA
 INSTITUTE OF SCIENCE AND TECHNOLOGY
 (DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
 www.sathyabama.ac.in

7. Any other Remarks : Enthusiastic in learning new things.
Good in site monitoring

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

Smriti Nachimuthu
Registered Architect
CN201206722

OCTOBER MONTH REPORT


SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

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

1. Name of the office / organization : SF INFERA

2. Address & Contact Number : SANKUTH PERME, CHEMBALTRAD ROAD,
KODURU THIMMAPALLI, TAMIL NADU. 635717

3. Name of the student : SUBEQUEL

4. Duration : From 01.10.2022 To 31.10.2022

5. Total No. of days : 31

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 50 marks by the department.

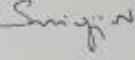
Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Participation in the office	✓				
Reading of drawings		✓			
Presentation Techniques		✓			
Model making works	✓				
Understanding of construction details	✓				
Drafting Skills (Manual / Computer)		✓			
Site Supervision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

(A - 90, B - 80, C - 70, D - 60, E - 50)


SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

7. Any other Remarks :

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


Smiji Nachimuthu
Registered Architect
CA/2012/56722



NOVEMBER MONTH REPORT


SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

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

1. Name of the office / organization : SF INFERA

2. Address & Contact Number : SANKUTH PERME, CHEMBALTRAD ROAD,
KODURU THIMMAPALLI, TAMIL NADU. 635717

3. Name of the student : SUBEQUEL

4. Duration : From 01.11.2022 To 10.11.2022

5. Total No. of days : 10

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 50 marks by the department.

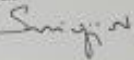
Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Participation in the office	✓				
Reading of drawings		✓			
Presentation Techniques	✓				
Model making works	✓				
Understanding of construction details	✓				
Drafting Skills (Manual / Computer)	✓				
Site Supervision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

(A - 90, B - 80, C - 70, D - 60, E - 50)


SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

7. Any other Remarks :

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


Smiji Nachimuthu
Registered Architect
CA/2012/56722



Sep-22								
DATE	PROJECT	WORK CATEGORY	TASK	TIME	PROJECT	WORK CATEGORY	TASK	TIME
1.09.2022							CEMENT STORE ROOM MASONRY WORK,MUD PLASTER ON OUTER SEATING,TILE LAYING AND CHECKING ON DAMAGES ON LAYED TILES AND ASK THEM	
2.09.2022	HILL SIDE	SITE	MEASUREING SITE	1.5HR	EMPLOY COTTAGE	SITE		4HRS
3.09.2022	EMPLOYEE COTTAGE	SITE	TILE LAYING ON KITCHEN AND BATHROOM,CHECKING ON WASHBASIN TO FIX IN EMPLOY COTTAGE,EXPLAINING WELDERS TO MAKE FRAME TO	2HRS	MADHAVI PLOT	SITE	FIXING KITCHEN CABINET DOOR	4HR
4.09.2022	EMPLOY COTTAGE	SITE	SKIRTING IS HAPPENING,FABRICATION FOR WASH BASINS HAPPENED,BATHROOM TILES ARE FIXED	5HRS	EMPLOY COTTAGE	SITE	CALCULATING TILE AREA ON SITE	1.5HRS
5.09.2022	EMPLOYEE COTTAGE	SITE	CALLING SHOPS TO ENQUIRE ABOUT ELECTRICAL FIXTURES FOR EMPLOY COTTAGE,SITE UPDATES	5HRS	SHOBHA PLOT	SITE	VISIT AND MEASURING ON COLUMN SIZES ON 1ST FLOOR	30MIN
6.09.2022	ASHA AND VIBHU	SITE	COORDINATE ON WINDOWS AND DOORS UNLOADING FOR VIBHU AND ASHA	3HRS	ANURAG PLOT	SITE	DISCUSSING THE PROBLEMS IN ANURAG PLOT WITH SARAYANAH AT SITE	1.5HRS
7.09.2022	EMPLOY COTTAGE	SITE	GRANITE CUTTING AND TILE SKIRTING HAPPENING,ELECTRICAL FIXTURES,TILE AREA CALCULATION IN EXCEL	4HRS	ANURAG PLOT	SITE	DECONSTRUCTING BRICKS	2HRS
8.09.2022					OHAN			
9.09.2022	EMPLOYEE COTTAGE	SITE	GRANITE FIXING FOR WASHBASIN COUNTER IS HAPPENING	20MIN	ANURAG PLOT	SITE	DEMOLISHING COLUMN IS HAPPENING AND DISCUSS WITH FAWAZ SIR	6HRS
10.09.2022	EMPLOY COTTAGE	SITE	VISIT AND UPDATES,CHECKING FOR PENDING WORKS AND CORRECTIONS	30MIN	ANURAG PLOT	SITE	COORDINATE IN SITE, HASOBNRY WORK	6HRS
11.09.2022	ANURAG PLOT	SITE VISIT & MONITOR	CONCRETE CASTING FOR COLUMN AND LINTEL IS HAPPENED	3HRS	SHOBHA PLOT	SITE VISIT & MONITOR	WELDING FOR COLUMNS HAPPENED	2HRS
12.09.2022	EMPLOY COTTAGE	SITE VISIT & MONITOR	PLASTERING ON DAMAGED AREA HAPPENED,SAMPLE PAINTING WORK HAPPENED,ELECTRICAL PROCURE LIST WINDOW FIXING	6HRS	SUNITHA PLOT	WORKING DRAWING	STAIRCASE SECTION	3HRS
13.09.2022							MAKING OPTIONS FOR CEMENT STORE ROOM,ROOF SITE COORDINATE AND UPDATES(CUPBOARD AND DOOR SAMPLE,PLASTERING ON BROKEN AREAS OUTSIDE,OUTSIDE CEMENT OXIDE	
14.09.2022	ASHA PLOT	POORJA	MAIN DOOR PLACED AND CLIENT DISCUSSION ABOUT DOORS,SCHEDULE OF OPENING	5HRS	EMPLOY COTTAGE	SITE,WORKING DRAWING		4HRS
15.09.2022			100 SHOPPING FOR EMPLOY COTTAGE AND MAKING PROCUREMENT LIST					
16.09.2022	EMPLOY COTTAGE	SITE	PLASTERING AT SEATING,CEMENT STORE ROOM MASONRY,PAINTING PRIMER ON DORM ROOM,CARPENTRY WORK ON ROOMS,PLUMBING FOR DONT HAPPENED	3HRS	SHOBHA PLOT	SITE CHECKING AND UPDATE	COLUMN STIRRUPS ARE TIED,SHUTTERING AND CONCRETE CASTING IS HAPPENED	30MIN
17.09.2022	EMPLOY COTTAGE	SITE	PLASTERING AT SEATING,CEMENT STORE ROOM MASONRY,PAINTING PRIMER,CARPENTRY WORK ON ROOMS,PLUMBING FOR DONT HAPPENED,WIRING FOR 2 ROOMS ARE DONE	3.5HRS	SHOBHA PLOT	SITE CHECKING AND UPDATE	2ND COLUMN CASTED ONGOING ON STAIRS SHUTTERING WAS SLIGHTLY MOVED,AND WALL FOR BATHROOM IS SHAKING THAT WAS REPORTED WITH RAGAV	45MIN
18.09.2022	EMPLOY COTTAGE	SITE	CARPENTRY CUPBOARD ONE COMPLETED AND ONE STARTED,PRIMER PAINTING FOR ROOMS STARTED	3.5HRS	SUNITHA PLOT	SITE	SHUTTERING FOR LINTEL BEAM IS DONE	4HR
19.09.2022	EMPLOY COTTAGE	SITE	WIRING FOR 2 ROOMS ARE DONE,GENERATOR IS ARRANGED,DIESEL IS ARRANGED,CARPENTRY 2 CUPBOARDS DONE	3.5HRS	SUNITHA PLOT	SITE CHECKING	LINTEL REPAIRS ARE TIED WITH STIRRUPS AND KEPT,TOP 12MM DIA RODS,BOTTOM 16MM DIA ROD,STIRRUP 8MM DIA IS USED	30MIN
20.09.2022	EMPLOY COTTAGE	SITE	DRUM WAS ARRANGED FOR WATER,PAINTING IS HAPPENED,CARPENTRY CUPBOARD 2 ROOMS DONE,WIRING IS DONE FOR ROOMS	3HRS	SUNITHA PLOT	SITE CHECKING	LINTEL SHUTTERING WAS STARTED BUT THERE IS A MISTAKE LIKE EXTRA SHUTTERING PROVIDE OPENING NEED TO BE CORRECTED CHECKED WITH CONCRETE CASTING HAPPENED FOR LINTEL BEAM AND COLUMN FOR STAIR,H25 & H25 GRADE IS USED	45MIN
21.09.2022	EMPLOY COTTAGE	SITE	WIRING IS COMPLETED,CARPENTRY CABINET FOR ONE ROOM HAPPENED,PAINTING ON CORRIDOR HAPPENED	3HRS	SUNITHA PLOT	SITE		2HRS
22.09.2022	SUNITHA PLOT	WORKING DRAWING	STAIRCASE REINFORCEMENT	4HRS				
23.09.2022	SUNITHA PLOT	WORKING DRAWING	STAIRCASE REINFORCEMENT,HARKING OF STAIRCASE ON WALL	5HRS				
24.09.2022	EMPLOY COTTAGE	SITE	CARPENTRY WORK HAPPENED,1ST COAT PAINTING IS DONE FOR ALL ROOMS	4HRS	SUNITHA PLOT	SITE UPDATES	IMAGES WERE TAKEN AT SITE TO SEND TO CLIENT	45MIN
25.09.2022	ASHA PLOT	SITE	REBAR TIEING FOR EXTRA COLUMN AND STIRRUP MAKING	30MIN	SHOBHA PLOT	SITE	ROOF FABRICATION MATERIALS ARRIVED AT SITE	4HR
26.09.2022	EMPLOY COTTAGE	SITE	CEMENT STORE ROOM MASONRY WORK HAPPENED,PUTTY FOR OFFICE AREA HAPPENED	1HR	SHOBHA PLOT	SITE	ROOF FABRICATION STARTED	30MIN
27.09.2022								
28.09.2022	EMPLOY COTTAGE	SITE	BUNK BED CORRECTION IS HAPPENED,DOOR CARPENTRY WORK IS ON	30MIN	SHOBHA PLOT	SITE	ROOF FABRICATION IS ON PROCESS	45MIN
29.09.2022	HILLSIDE	SITE	STIRRUP MAKING IS HAPPENED	30MIN	EMPLOY COTTAGE	SITE	CORRECTION OF SWITCHBOXES AND MONITORING ON SITE	2HRS
30.09.2022	SUNITHA PLOT	SITE	SHUTTERING FOR STAIRCASE,CENTERING IS HAPPENED	1.5HR	EMPLOY COTTAGE	SITE	CARPENTRY WORK DISCUSSION	4HR

Oct-22								
DATE	PROJECT	WORK CATEGORY	TASK	TIME	PROJECT	WORK CATEGORY	TASK	TIME
1.10.2022	ASHA	SITE	EXTRA COLUMN WAS ADDED ON SITE	2HRS	SHOBHA PLOT	SITE	GENERAL	15MIN
2.10.2022								
3.10.2022	SHOBHA PLOT	SITE	ROOF FABRICATION ,DESHUTTERING OF LINTEL BEAM	1HR	SUNITHA	SITE	STAIRCASE REINFORCEMENT IS ONPROCESS ,ALSO FOR SUNKEEN	3HRS
4.10.2022								
5.10.2022								
6.10.2022	SHOBHA PLOT	SITE	ROOF FABRICATION OF MAIN RODS	30MIN	EMPLOY COTT	SITE	DOOR CARPENTRY WORK IS ONGOING	2HR
7.10.2022	SHOBHA PLOT	SITE	ROOF FABRICATION OF MAIN RODS	30MIN	EMPLOY COTT	SITE	DOOR CARPENTRY WORK IS ONGOING	1HR
8.10.2022	SHOBHA PLOT		ROOF FABRICATION OF SECONDARY RODS	15MIN	EMPLOY COTT	SITE	WASHBASIN COUNTER CABINETS	1HR
9.10.2022	SHOBHA PLOT	SITE	ROOF FABRICATION OF SECONDARY RODS	30MIN				
10.10.2022	EMPLOY COTTAGE	SITE	CARPENTRY CABINET ON DORM IS ONGOING,UPVC BATHROOM DOORS	3HRS	HILL SIDE	SITE	REINFORCEMENT SLAB FOR GF BEDROOM IS HAPPEN	15MIN
11.10.2022								
12.10.2022	EMPLOY COTTGAE	SITE	CLEANING OF SITE	1HR	SHOBHA PLOT	SITE	ROOF FABRICATION OF SECONDARY	2HR
13.10.2022	EMPLOY COTTAGE	SITE	DOOR LOCKS ARE BEING PLACED	2HRS	SHOBHA PLOT	SITE	ROOF FABRICATION OF STRUTS	1HR
14.10.2022	EMPLOY COTTAGE	SITE	DORM CABINET IS DONE,FANS ARE FIXED	4HRS	HILL SIDE		BEAM IN KITCHEN AREA HAPPEN	30MIN
15.10.2022	HILL SIDE	SITE	5 PEDESTAL COLUMNS WERE DONE	1HR	EMPLOY COTT	SITE	KITCHEN CARPENTRY STARTED	3HRS
16.10.2022	EMPLOY COTTAGE	SITE	KITCHEN CARPENTRY IS ONGOING,WASHBASIN CABINETS ARE DONE	2.5HRS	SHOBHA PLOT	SITE	ROOF FABRICATION OF STRUTS	1HR
17.10.2022	SUNITHA PLOT	SITE	20LOADS OF SOIL WERE UNLOADED ON SITE	2HRS	QUARRY	WORKING DRAWING&SITE	MEASURE OF SWIMMING POOL AND DRAFTED IN CAAD	4HRS
18.10.2022								
19.10.2022	EMPLOY COTTAGE	SITE	GLASS DOORS ARE FIXED,SUMP PIT IS HAPPENED,FIXING OF PLUMBING FIXTURES	2.5HRS	SHOBHA PLOT	SITE	ROOF PRIMER COATING IS HAPPENED ON 1ST FLOOR	30MIN
20.10.2022	EMPLOY COTTAGE	SITE	KITCHEN CARPENTRY IS ONGOING,PLUMBING WORK IS ONGOING	2HRS	HILLSIDE	SITE	DESHUTTERING HAPPENED	1HR
21.10.2022								
22.10.2022								
23.10.2022								
24.10.2022								
25.10.2022								
26.10.2022	SHOBHA PLOT	SITE	PAINTING FOR ROOF FABRICATION IS DONE	30MIN	SUNITHA PLOT	SITE	NO WORKS ONGOING	15MIN
27.10.2022	SUNITHA PLOT	SITE	NO WORKS HAPPENED	15MIN	EMPLOY COTT	SITE	DOOR HANDELS ARE SELECTED DISCUSSED WITH AR.ADIKA AND	1HRS30MIN
28.10.2022	EMPLOY COTTAGE	SITE	ALTRATION OF DOOR LOCK BY FABRICATORS IS	2HRS				
29.10.2022	EMPLOY COTTAGE	SITE	PAINTING TOUCHUP WORKS HAPPENING,SITE	3HRS	HILLSIDE	SITE	POURED EARTH WALL ON PROCESS	1HR
30.10.2022	EMPLOY COTTAGE	SITE	OUTSIDE IS CLEARED AND SOME PLANTS ARE	1HR				
31.10.2022	EMPLOY COTTAGE	SITE	PILLOWS &MATTRESS ARRIVED ON EMPLOY	1HR				
Nov-22								
DATE	PROJECT	WORK CATEGORY	TASK	TIME	PROJECT	WORK CATEGORY	TASK	TIME
1.11.2022	SUNITHA PLOT	SITE	CENTRING IS HAPPENED	1.5HRS				
2.11.2022	SHOBHA PLOT	SITE	PLUMBING WORK IS STARTED	30MIN	EMPLOY COTT	SITE	ACID WASH IS HAPPENED	2HRS
3.11.2022	SUNITHA PLOT	SITE	DESHUTTERING OF STAIRCASE,CENTERING FOR ROOF SLAB IS HAPPENING	1HR	EMPLOY COTT	SITE	SITE CLEARANCE	1HR
4.11.2022	SHOBHA PLOT	SITE	TERRACOTTA ROOF TILES ARE ARRIVED ON SITE	1HR	EMPLOY COTT	SITE	ARRANGEMENT OF COTS	2HRS
5.11.2022			VIBHU&EMPLOY COTTAGE HOUSE WARMING,SUNITHA PLOT DOOR PLACING					
6.11.2022	SUNITHA	CLIENT MEETING	MATERIALS SELECTIONS	3HRS				
7.11.2022	EMPLOY COTTAGE	SITE	UPS IS ARRIVED ON SITE	15MIN	QUARRY	WORKING DRAWING	BEAM LAYOUT ,COLUMN LAYOUT OF QUARRY OFFICE	1HR
8.11.2022	SHOBHA PLOT	SITE	KITCHEN SUPPORTING WALL FOR COUNTER IS EXPLAINED TO MASONS	1HR	QUARRY	WORKING DRAWING	BEAM LAYOUT ,COLUMN LAYOUT OF QUARRY OFFICE	7HRS
9.11.2022	SHOBHA PLOT	SITE	VENTILATOR ON GF IS ALTERED,SCAFFOLDING IS TIED FOR PLASTERING ,WINDOW	1.5HRS	SUNITHA PLOT	SITE	MAINDOOR FRAME GETTING FIXED	1HR
10.11.2022	GENERAL	SITE VISITS	VISITING ALL SITES					

CONSOLIDATED CERTIFICATE



Date: 20th NOV 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sudarvel.D (195215041)** student of **Sathyabama University, Chennai** has

undergone her professional training in our prestigious firm from **15th June 2022 to 10th NOV 2022**.

As enthusiastic he can get, a keen observer and has ability to adapt to any situation. His ability to provide quick solutions with an eye for detailing is highly appreciable. He sure exhibits lot of patience, which is paramount for Architects.

His thirst for knowledge and readiness to take on any task has made him a key member of the firm. He is an excellent team member and possess all good qualities required to extend himself to path of success.

We wish him best of luck in future.

PLACE: **BANGALORE**

Yours sincerely

Ar.Sriviji Nachimuthu
Director – Design & Projects
SF Infra
sriviji@sanctityferme.com
Ph: 9786721215

Kodiga Timmanapalli
Tamil Nadu-635117, India.

TABLE OF CONTENTS

CHAPTER NO	TITLE	PAGE NO
1.0	ABOUT THE FIRM	01
1.1	PROJECT-1 MADHAVI 143	02
1.2	PROJECT-2 SHOBHA 64&65	09
1.3	PROJECT-3 EMPLOYEE COTTAGE	19
1.4	PROJECT-4 QUARRY	28
1.5	PROJECT-5 SUNITHA 103	34
1.6	PROJECT-6 ASHA	60
1.7	LAND SURVEY & POURED EARTH CONSTRUCTION	

ABOUT THE FIRM

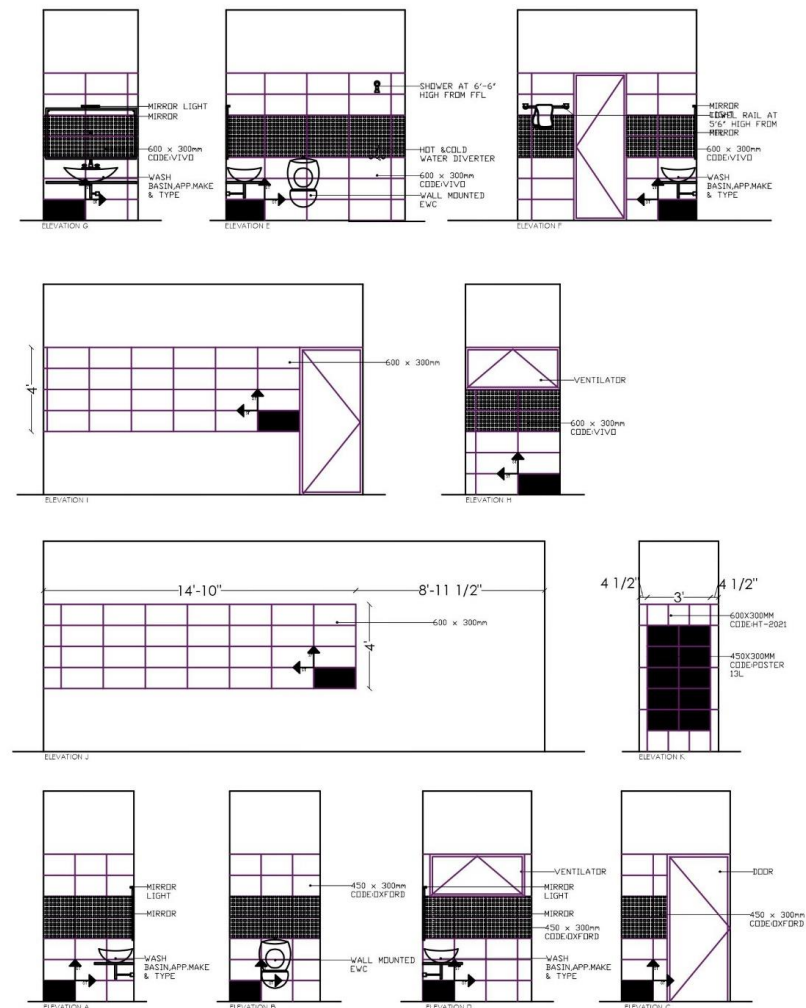
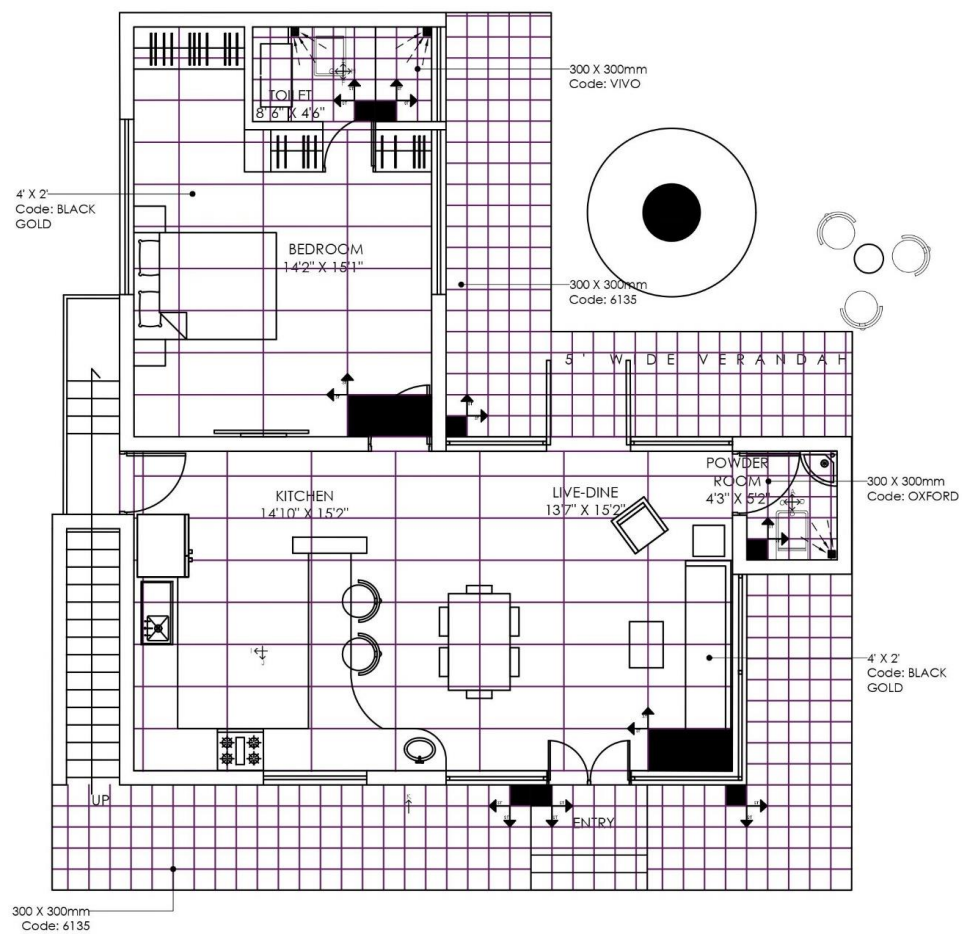
Sanctity Ferme Is An Eco-living Community That Work Towards Adopting A Healthier Lifestyle To Adapt To The Concept Of Co-existence With Nature.

It Providing city Folk The Convenience Of Gated Community Living In The Lap Of Nature.



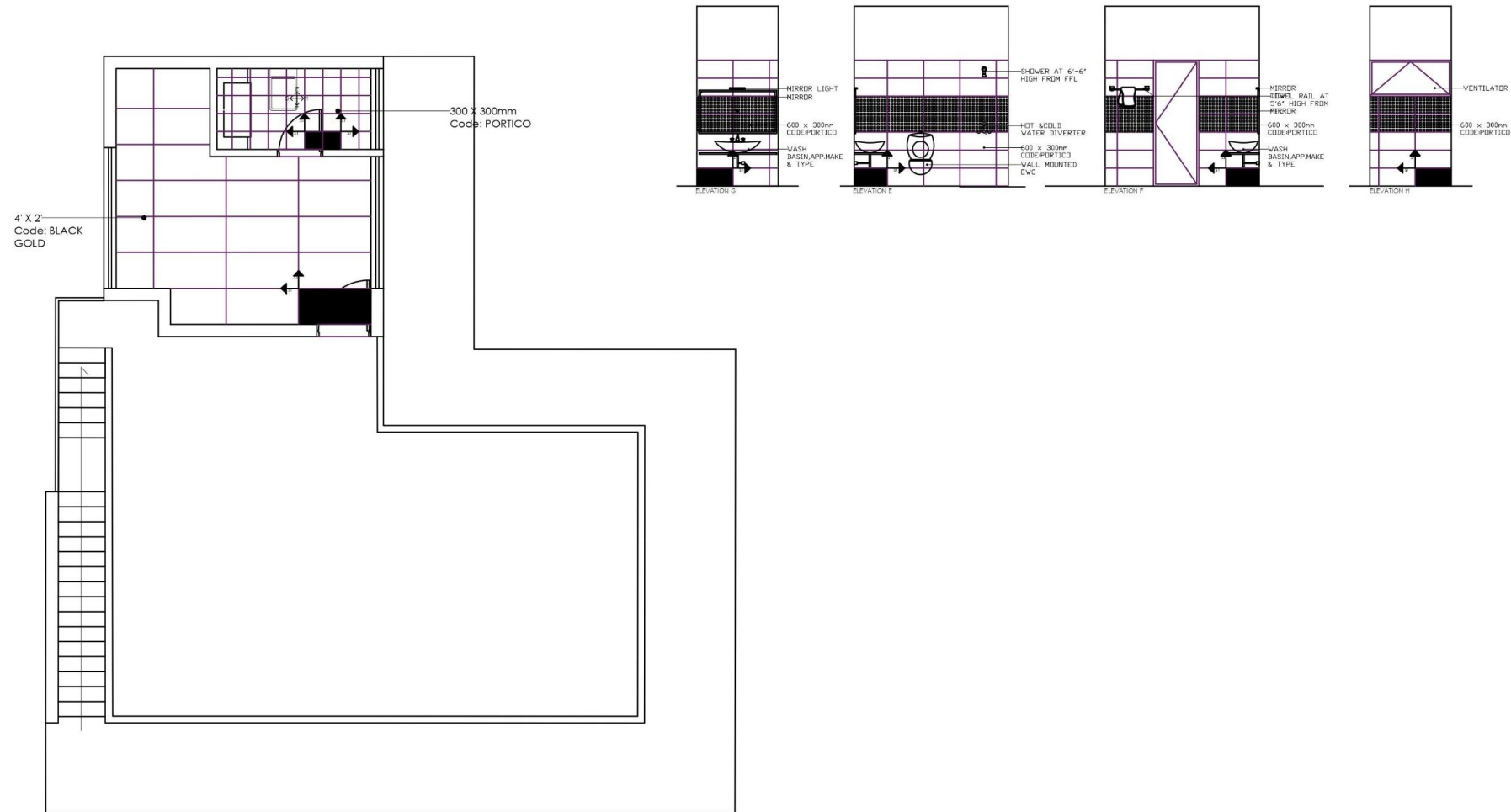


MADHAVI-143



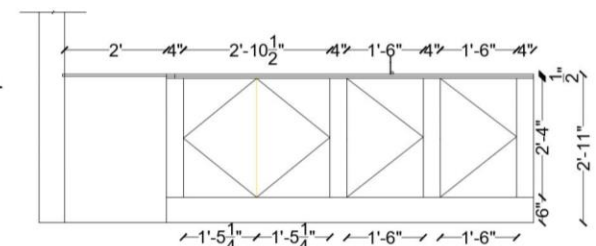
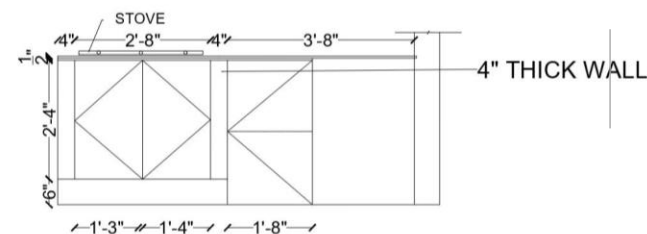
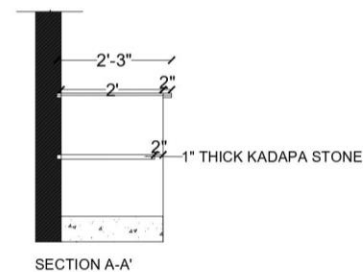
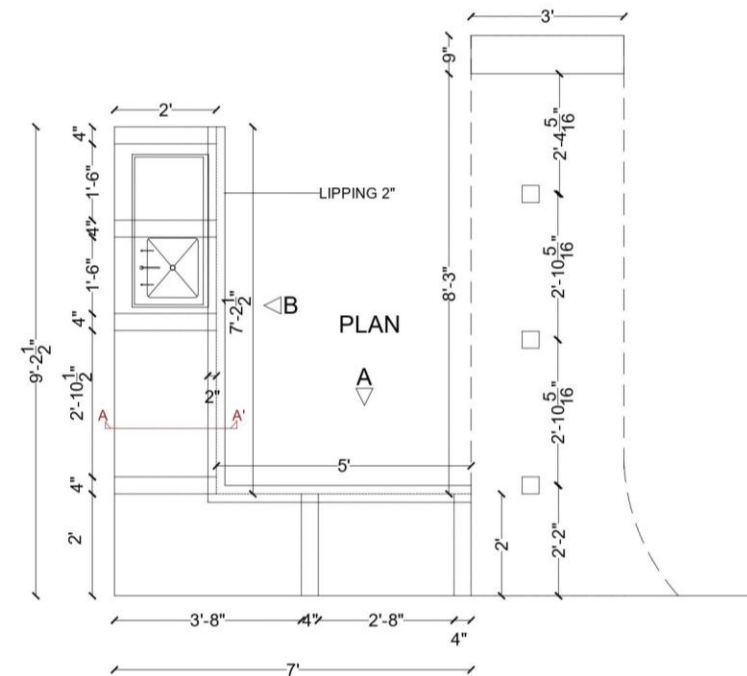
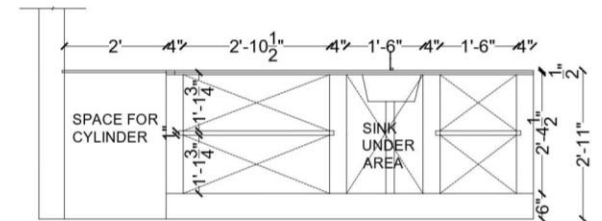
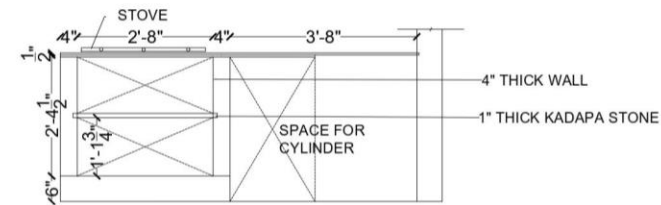
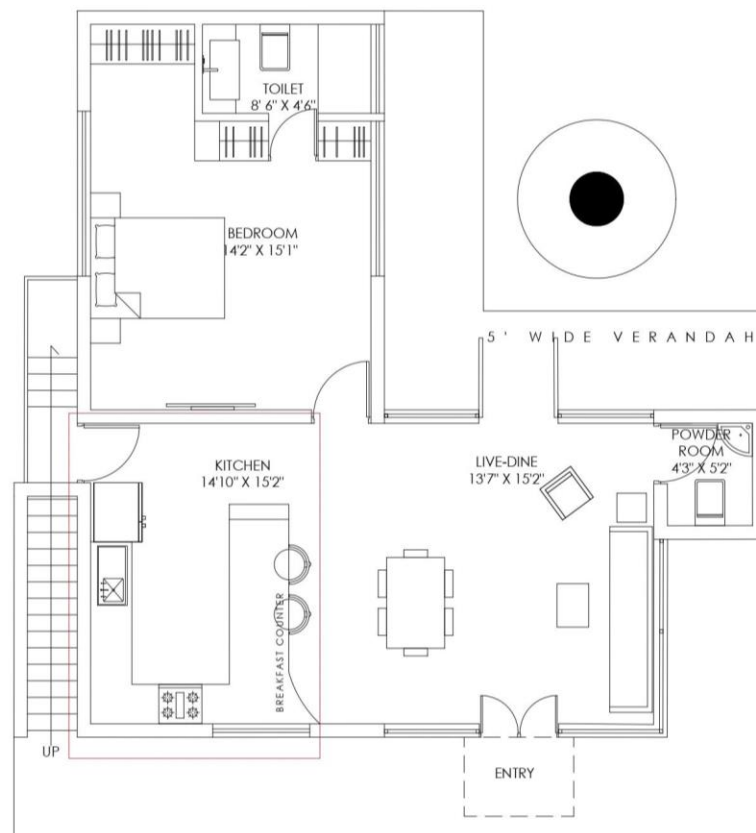
MADHAVI HOUSEGROUND FLOOR FLOORING LAYOUT

N	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE
	MADHAVI Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sandcity Ferme, Chembaltradi Rd, Kodiga Timmanapalli, Tamilnadu 635117	MADHAVI This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	MADHAVI GROUND FLOOR LAYOUT

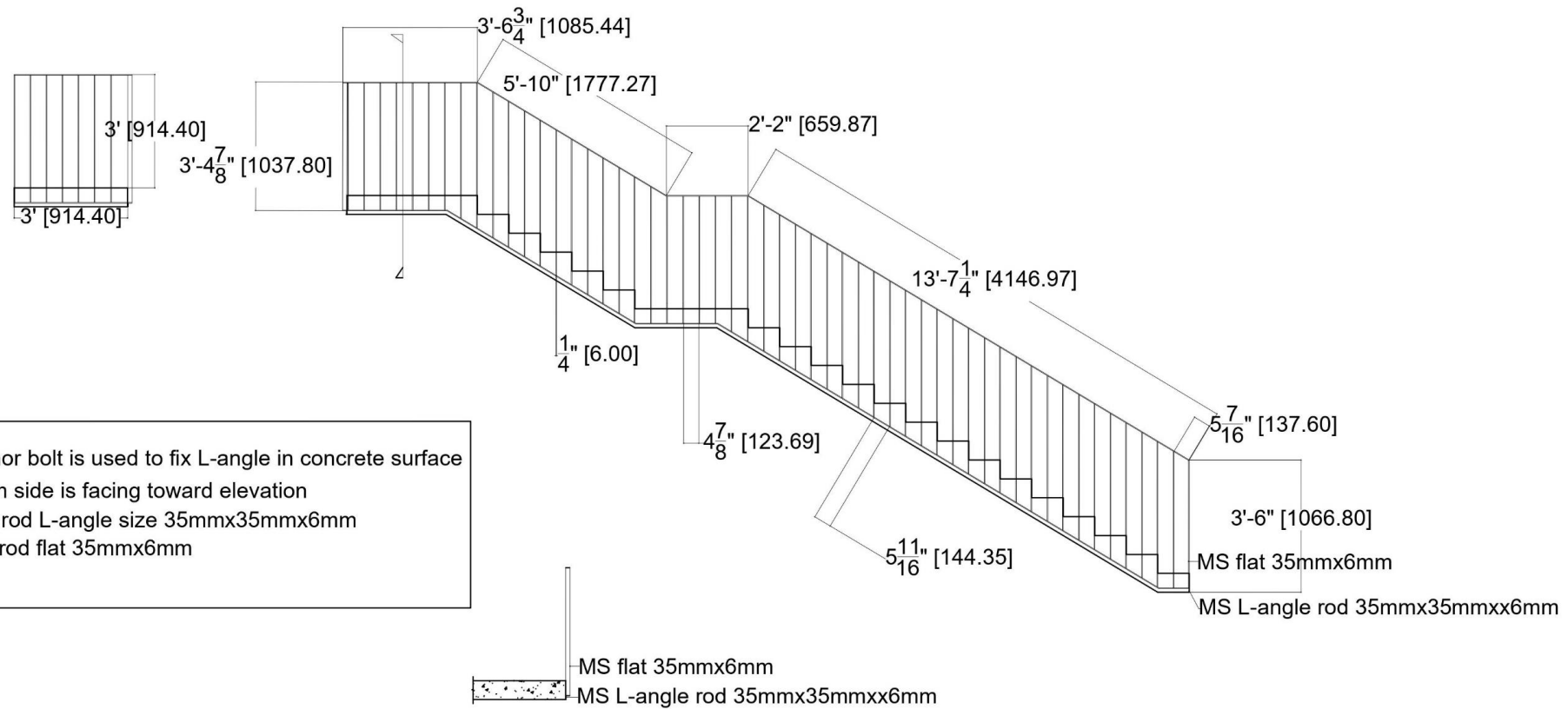


MADHAVI HOUSE FIRST FLOOR FLOORING LAYOUT

	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE
	MADHAVI Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	MADHAVI This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	MADHAVI TILE LAYOUT FIRST FLOOR



	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
	MADHAVI Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	MADHAVI This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work	KITCHEN LAYOUT	SUDERVEL D	AR.ADVIKA

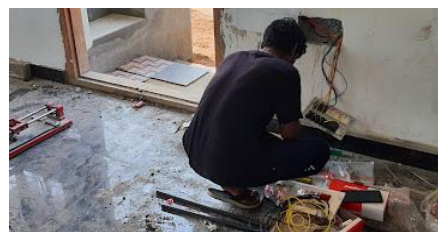
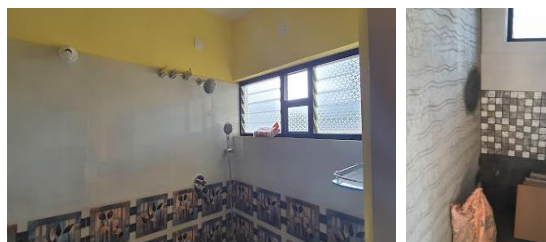


MADHAVI RESIDENCE HANDRAIL

CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
MADHAVI Address line Address line Tel : Fax : www.	SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	MADHAVI This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	STAIR CASE HAND RAIL DESIGN	SUDERVEL D	AR.ADVIKA

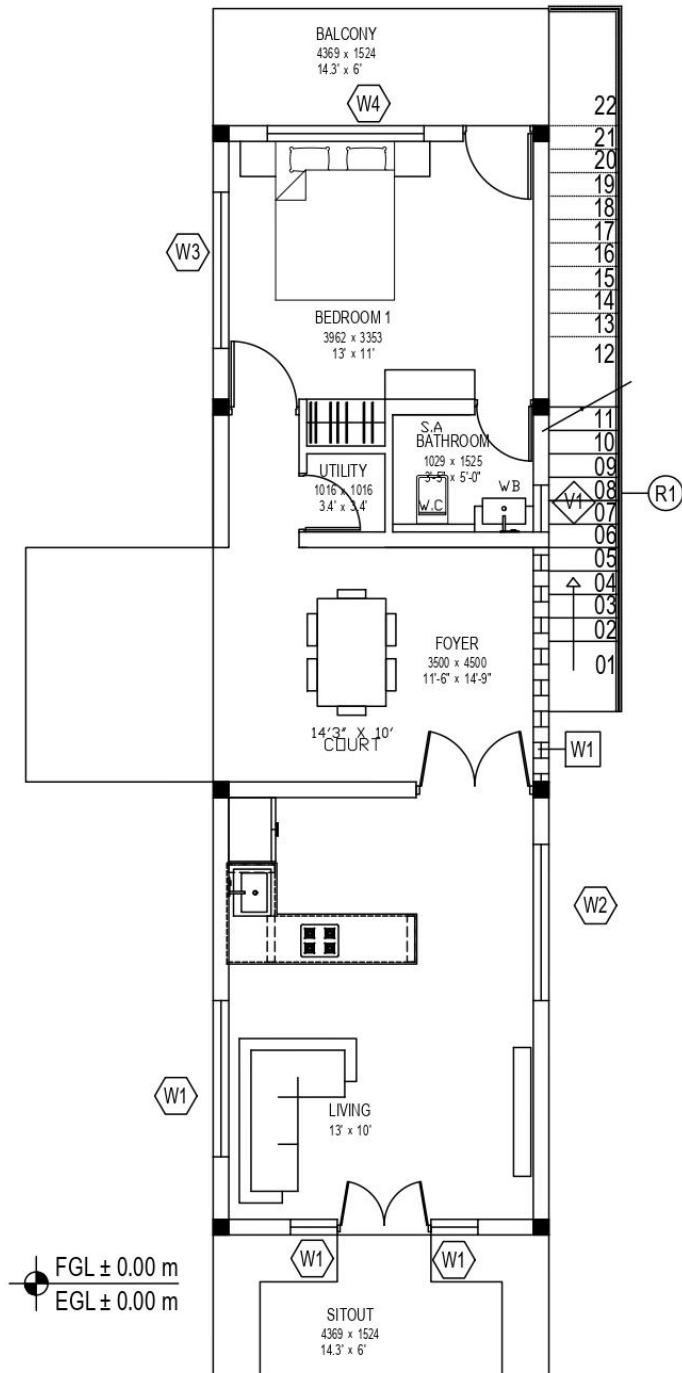


MIYAWAKI FOREST

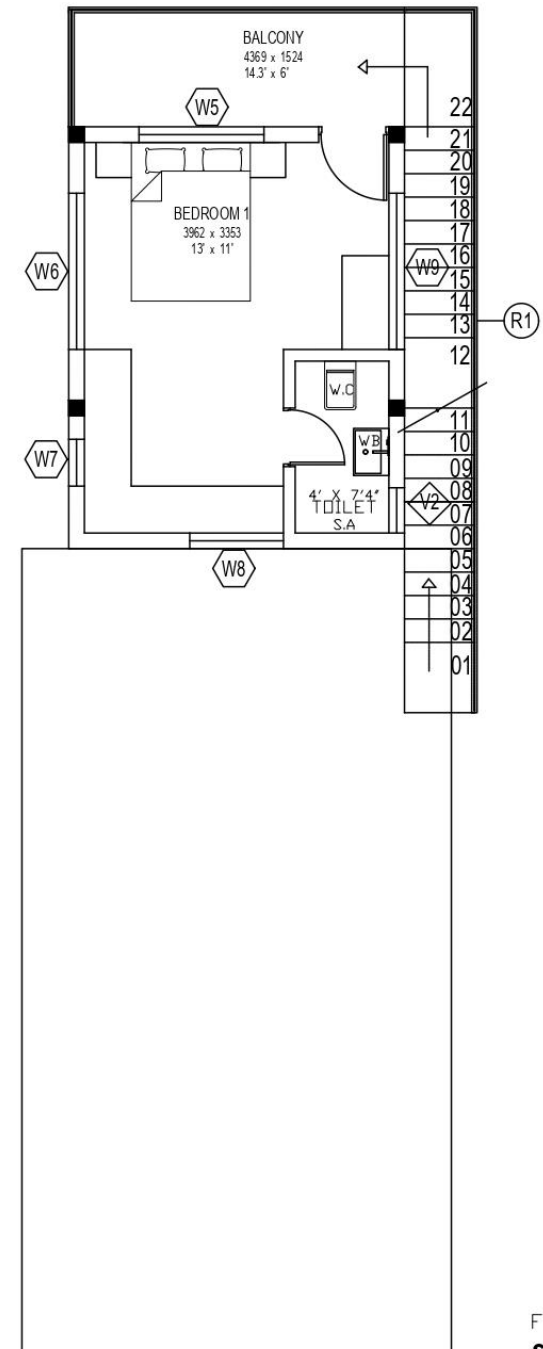




SHOBHA-64&65

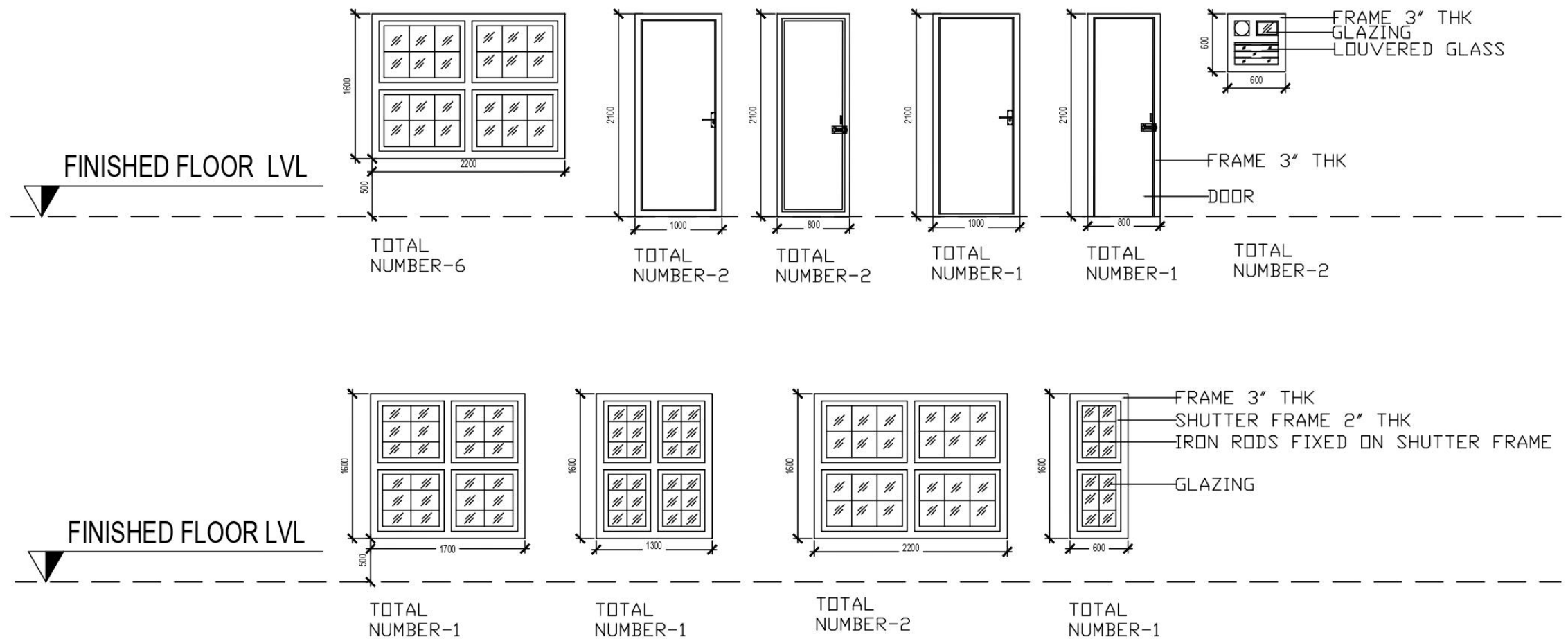


GROUND FLOOR
SHOBA HOUSE

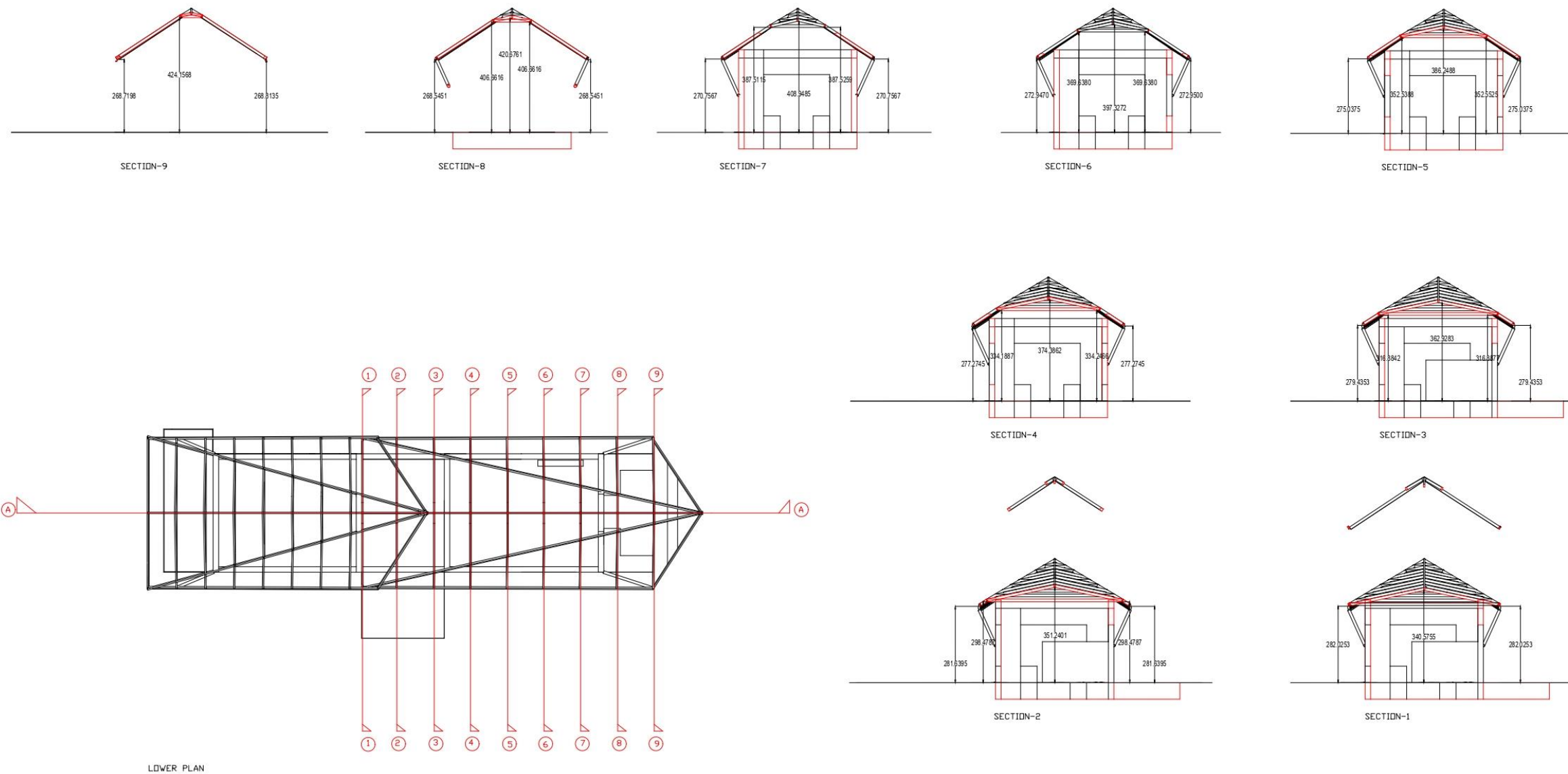


FIRST FLOOR
SHOBA HOUSE

N	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
	SHOBHA Address line _____ Address line _____ Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	SHOBHA This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	FLOOR PLANS	SUDERVEL D	AR.ADVICA



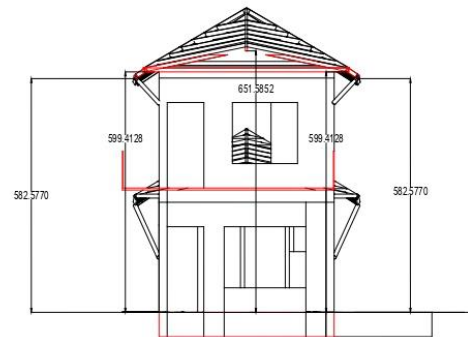
CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SHOBHA Address line _____1 Address line _____2 Tel : _____ Fax : _____ www. _____	 SF INFR Sanctity Ferme, Chembalradi Rd., Kodiga Timmanapalli , Tamilnadu 635117	SHOBHA This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	DOORS & WINDOW OPENINGS	SUDERVEL D	AR.ADVIIKA



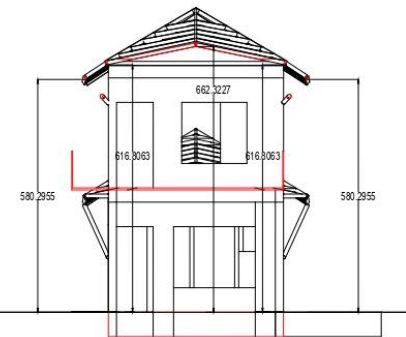
	CLIENT SHOBHA Address line _____1 Address line _____2 Tel : _____ Fax : _____ www. _____	ARCHITECTS SF INFRA Sanctity Feme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	PROJECT TITLE SHOBHA	DRAWING TITLE ROOF TRUSS GROUND FLOOR	DRAWN BY SUDERVEL D	CHECKED BY AR.ADVIKA
			This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.			



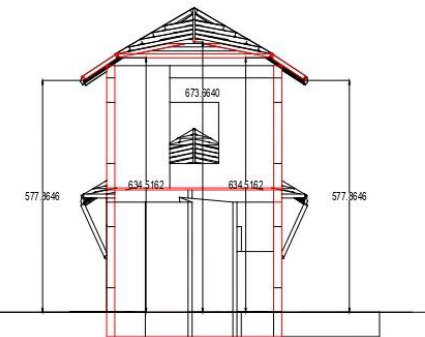
SECTION-1



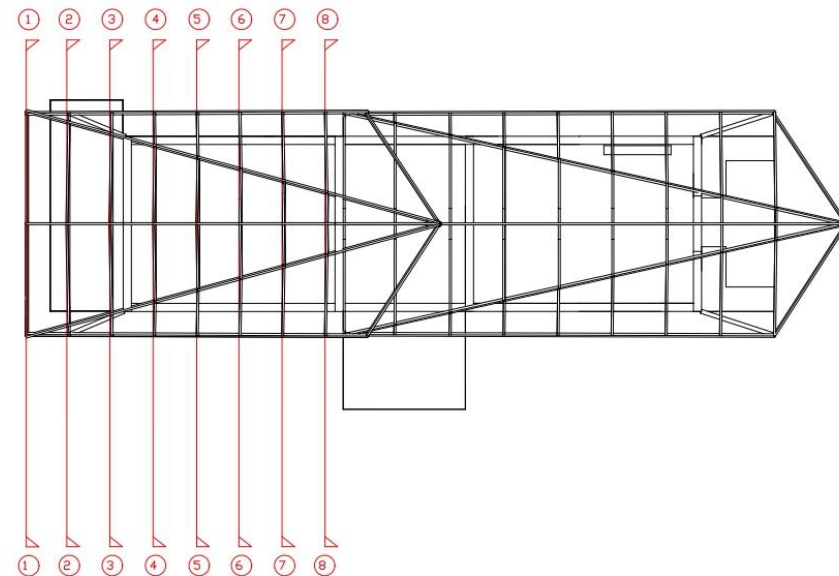
SECTION-2



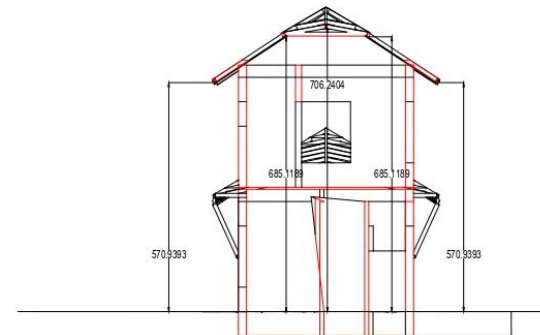
SECTION-3



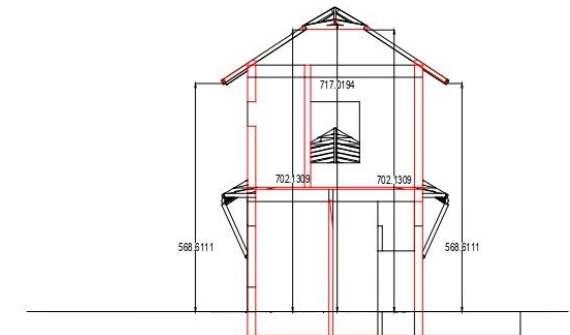
SECTION-4



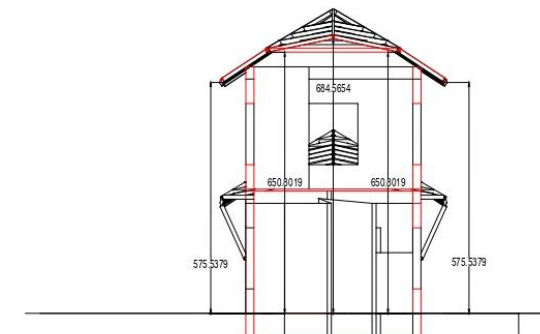
UPPER PLAN



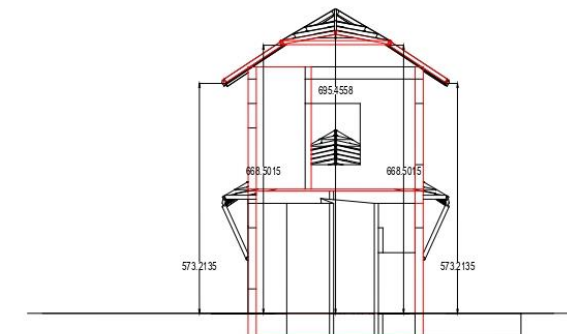
SECTION-7



SECTION-8

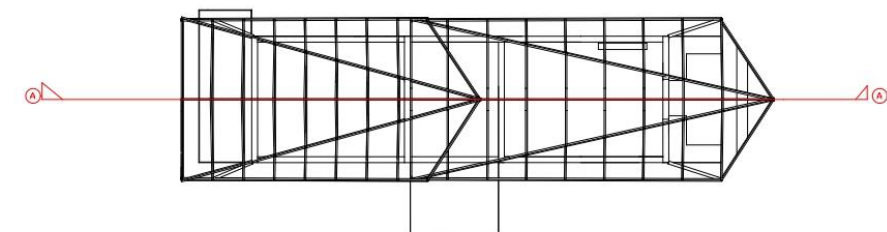


SECTION-5

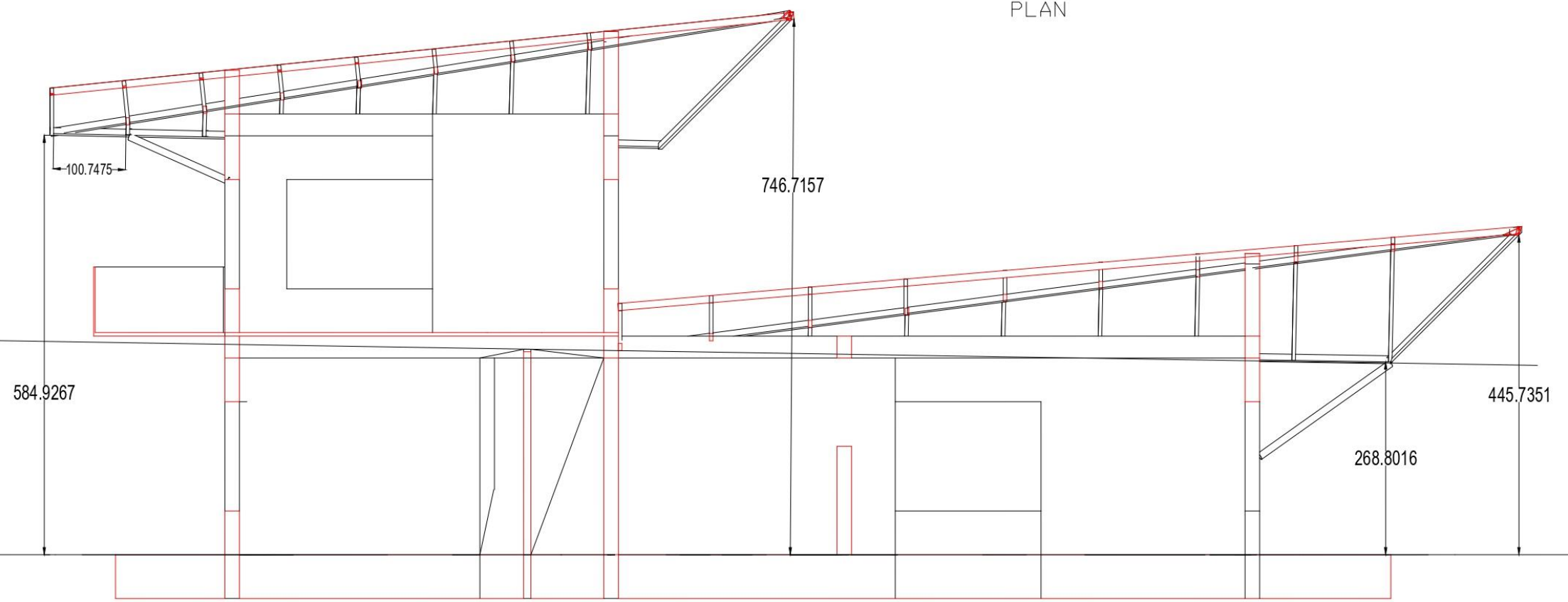


SECTION-6

	CLIENT SHOBHA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	ARCHITECTS  SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli, Tamilnadu 635117	PROJECT TITLE SHOBHA This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	DRAWING TITLE ROOF TRUSS FIRST FLOOR	DRAWN BY SUDERVEL D	CHECKED BY AR.ADVIKA
---	--	---	--	---	----------------------------	-----------------------------

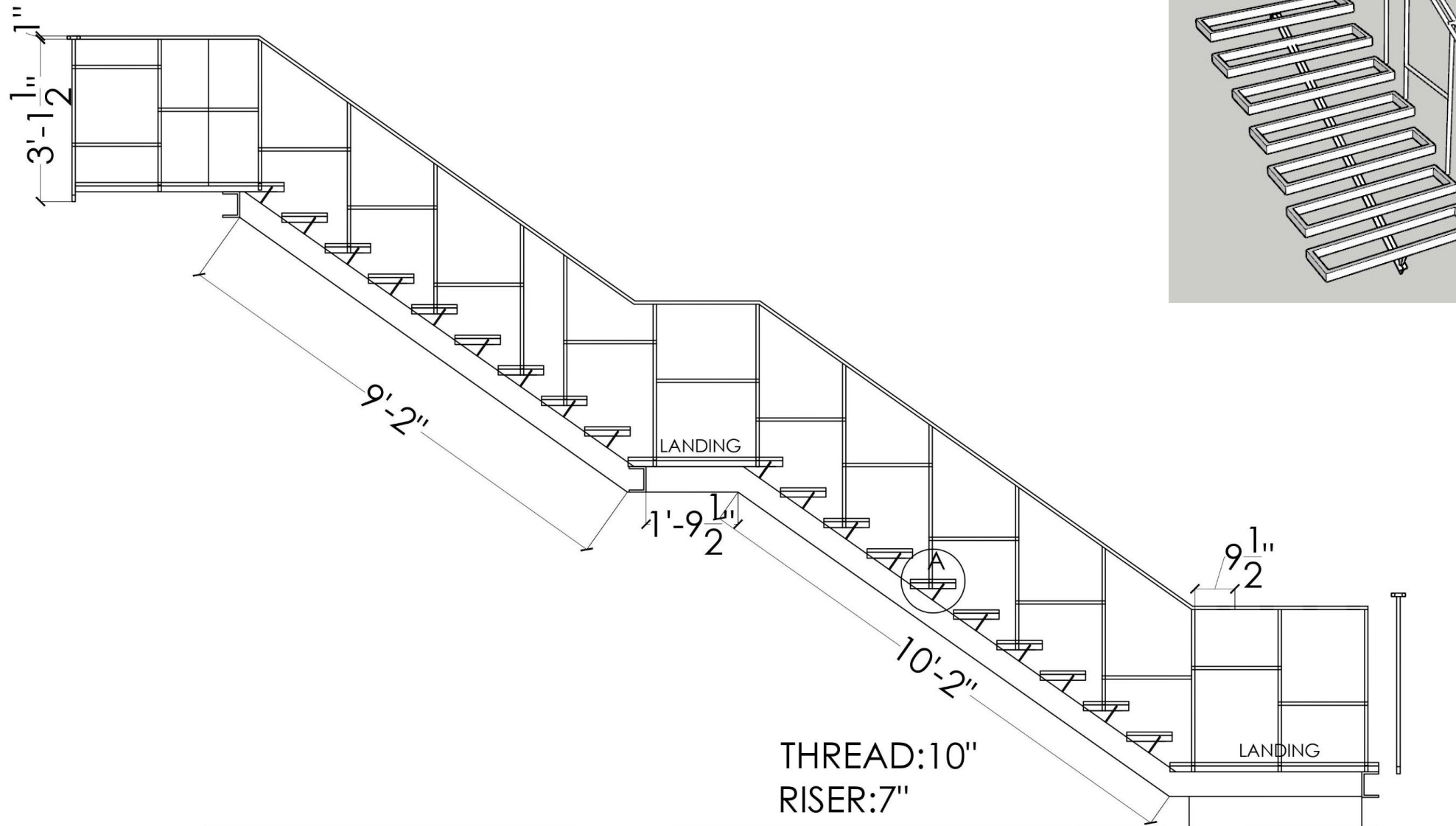


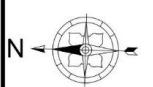
PLAN



SECTION-A

	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
	SHOBHA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFR Sanctity Ferme, Chembaltradi Rd., Kodiga Timmanapalli , Tamilnadu 635117	SHOBHA This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	SHOBHA SECTION	SUDERVEL D	AR.ADVICA



CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
 SHOBHA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	SHOBHA This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	STAIRCASE	SUDERVEL D	AR.ADVIIKA

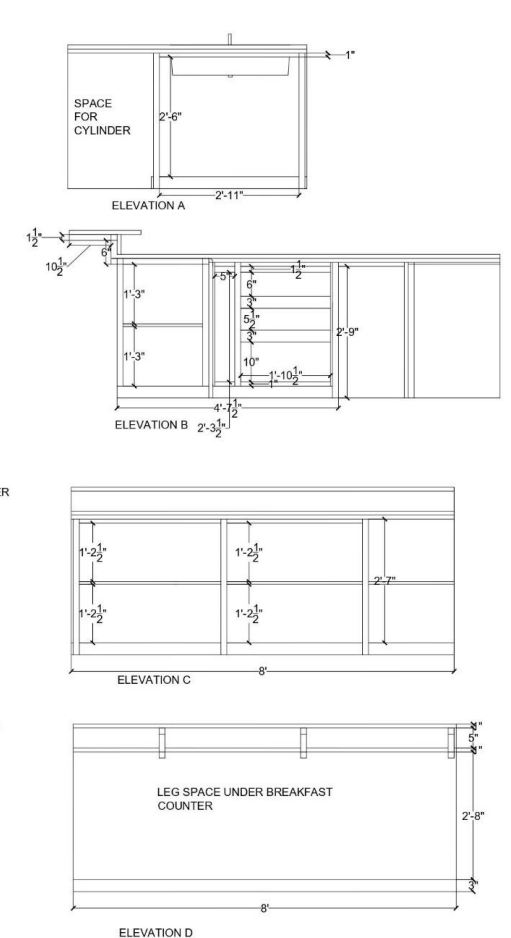
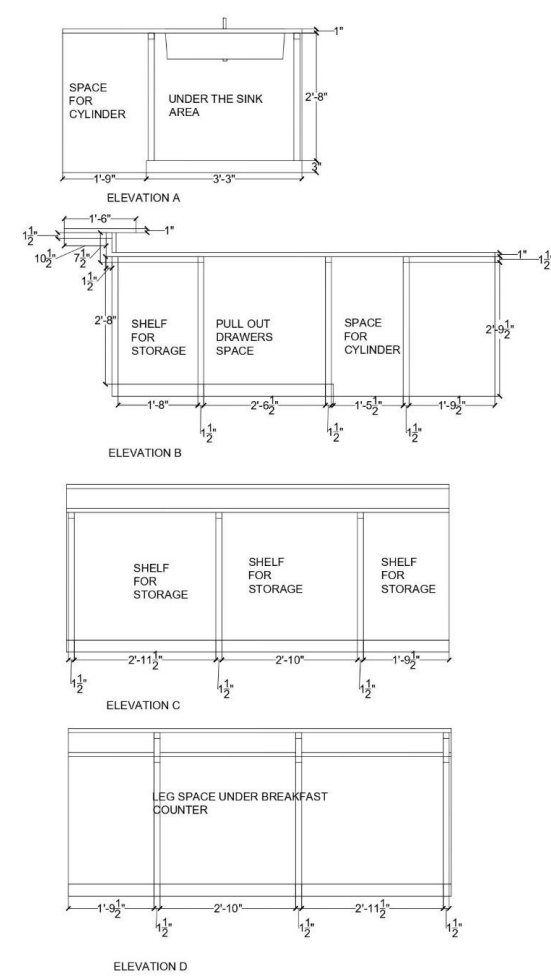
The drawing consists of two parts: a plan view (top) and an elevation view (bottom).

Plan View: Shows a window with a triangular muntin pattern. The overall width is 5'-0". The distance from the left wall to the window frame is 1'-9 1/2". The window frame width is 1'-11". The distance from the window frame to the right wall is 1'-0". The window is centered vertically between two horizontal lines, with a distance of 1'-6" from the top line and 2'-6 1/2" from the bottom line. The total height of the window opening is 4'-0".

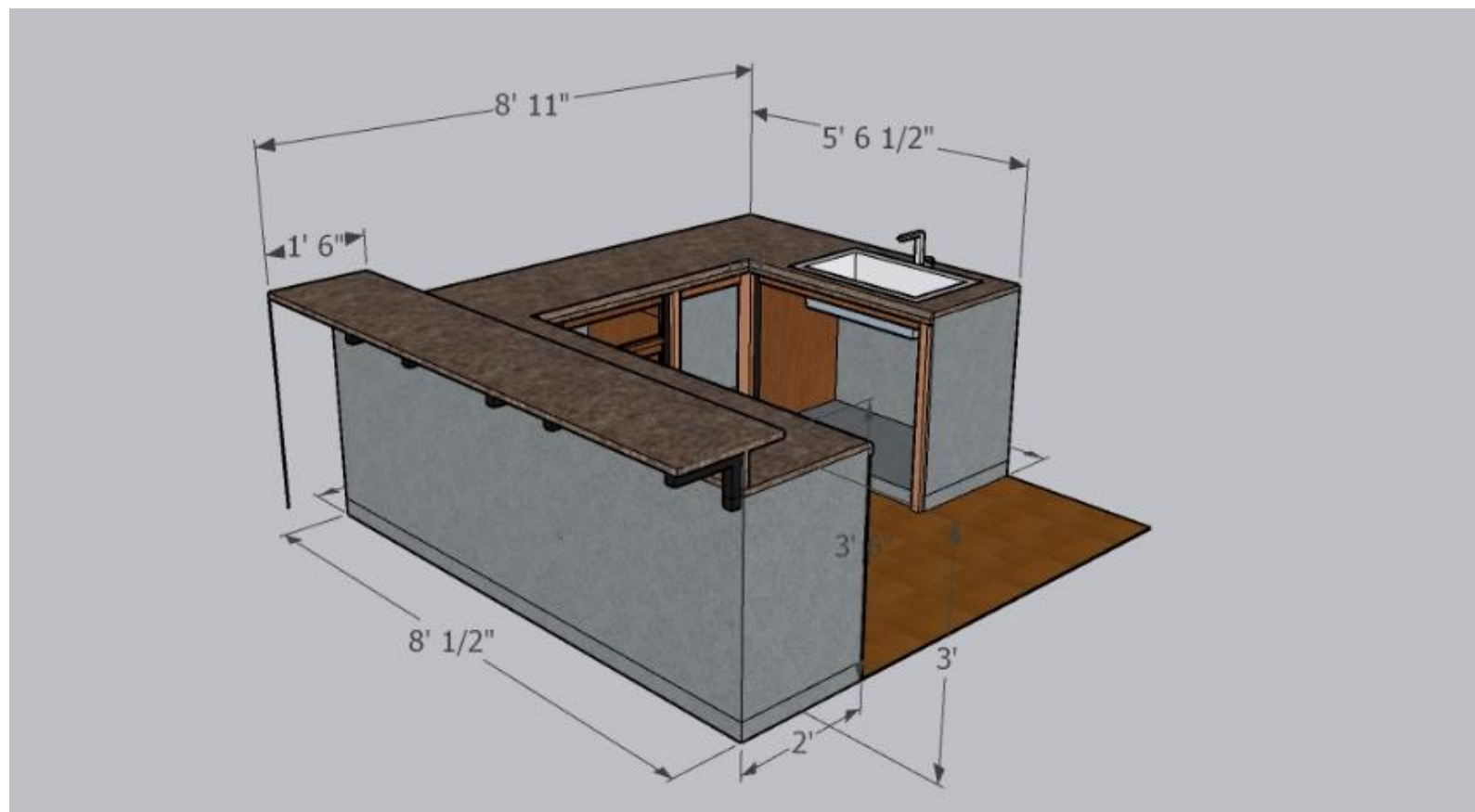
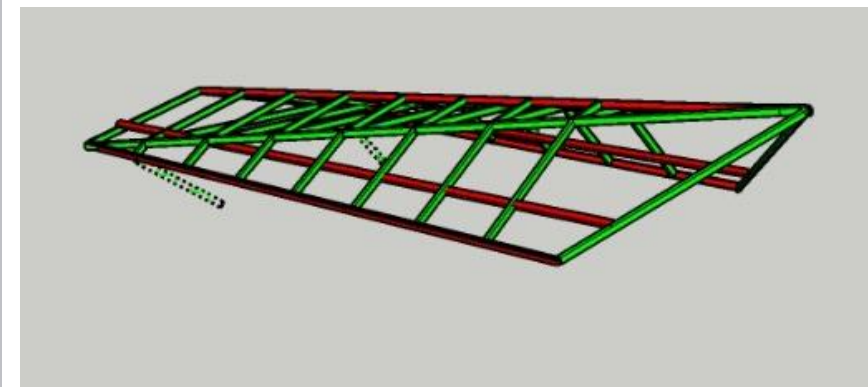
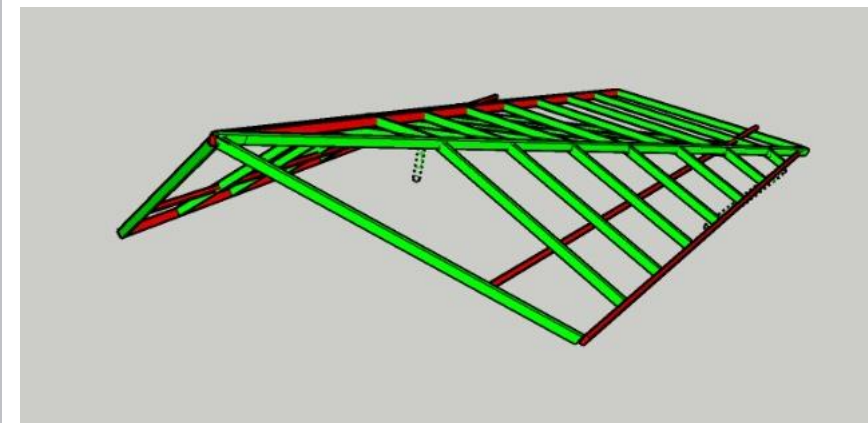
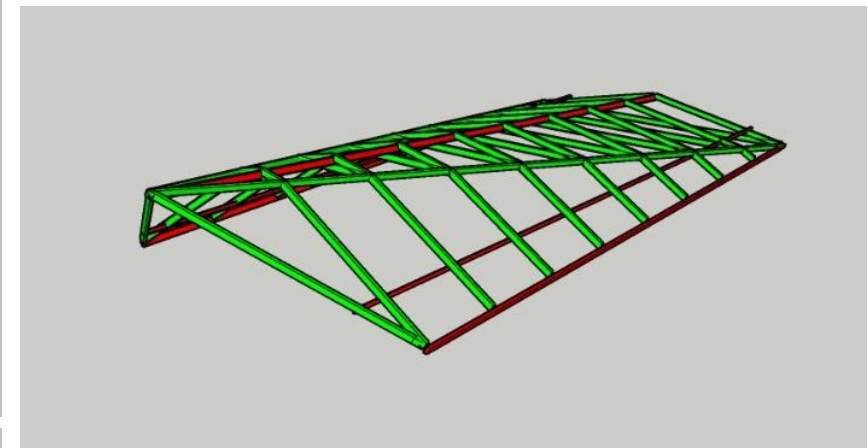
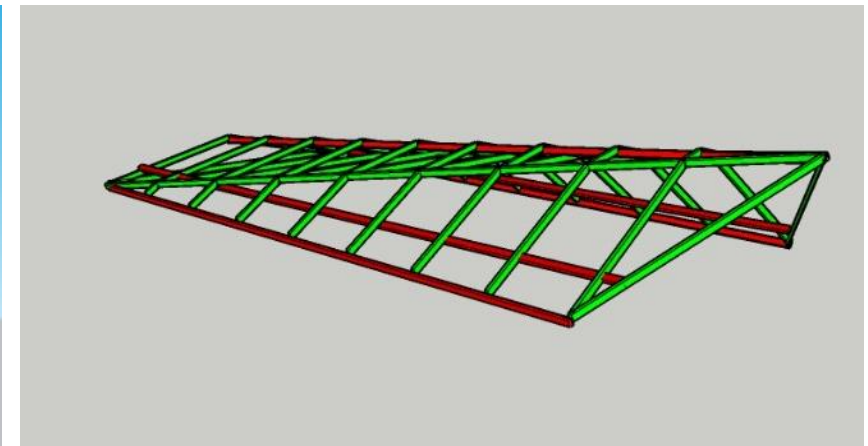
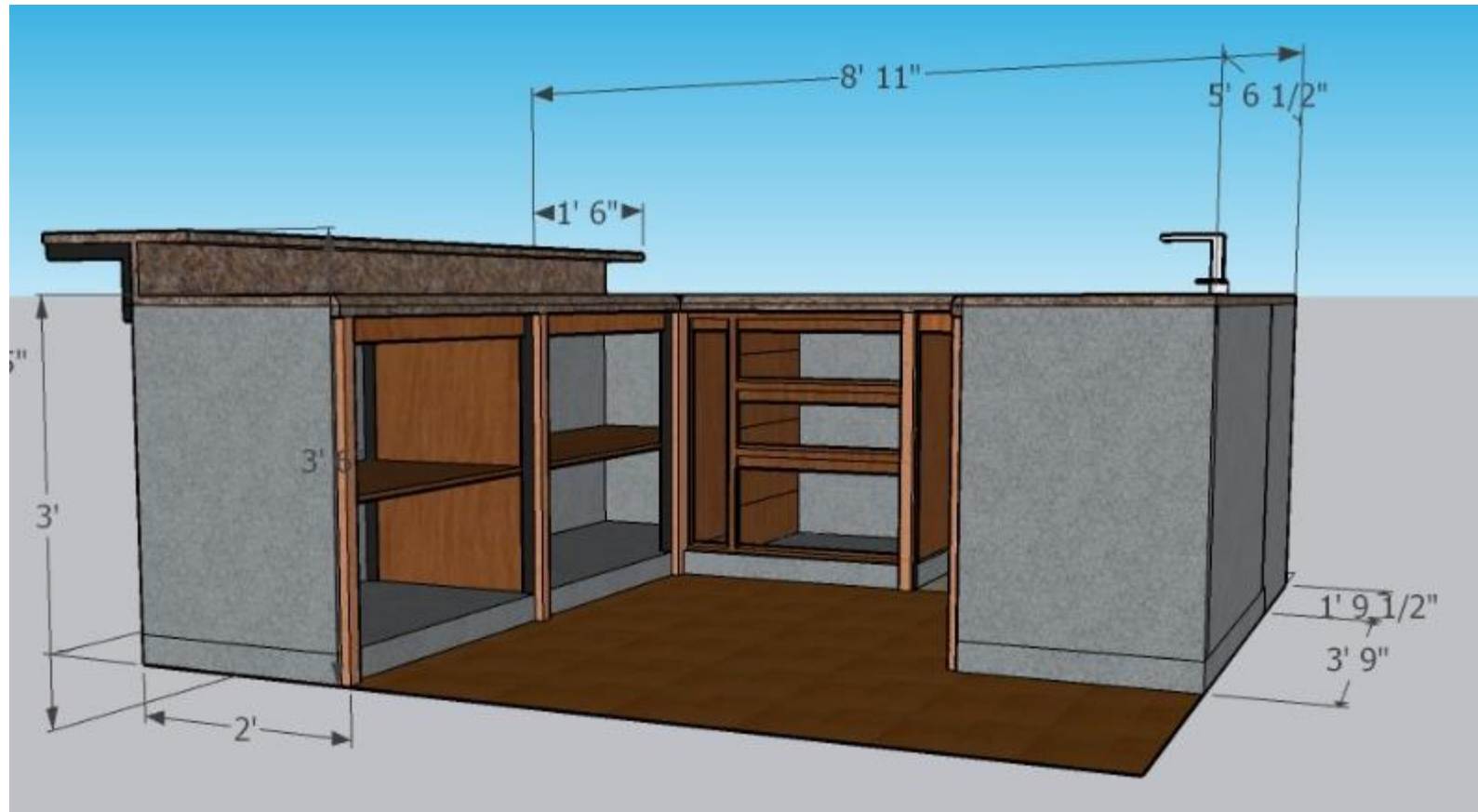
Elevation View: Shows the side profile of the window and door assembly. The window is 1'-8" high and 1'-11" wide. The door is 1'-8" high and 1'-11" wide. The total height of the assembly is 3'-0". The distance from the left wall to the window frame is 1'-9 1/2". The distance from the window frame to the door frame is 2'-10". The distance from the door frame to the right wall is 2'-11 1/2". The total width of the assembly is 5'-0".

Dimensions:

- Overall width: 5'-0"
- Distance from left wall to window frame: 1'-9 1/2"
- Window frame width: 1'-11"
- Distance from window frame to right wall: 1'-0"
- Window height: 1'-8"
- Door height: 1'-8"
- Distance from left wall to window frame: 1'-9 1/2"
- Distance from window frame to door frame: 2'-10"
- Distance from door frame to right wall: 2'-11 1/2"
- Total width: 5'-0"
- Total height: 3'-0"

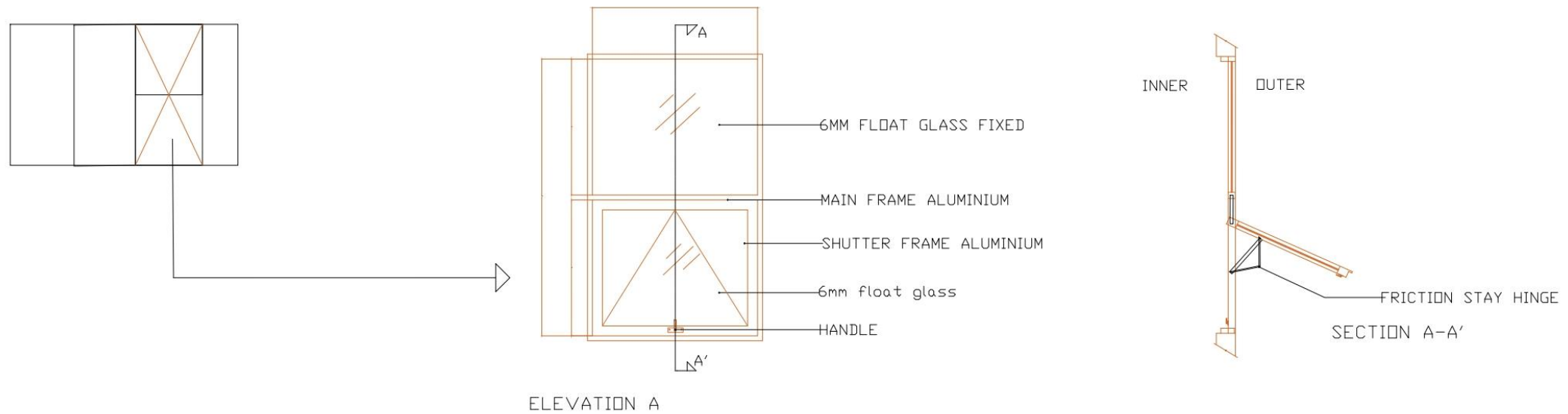


16

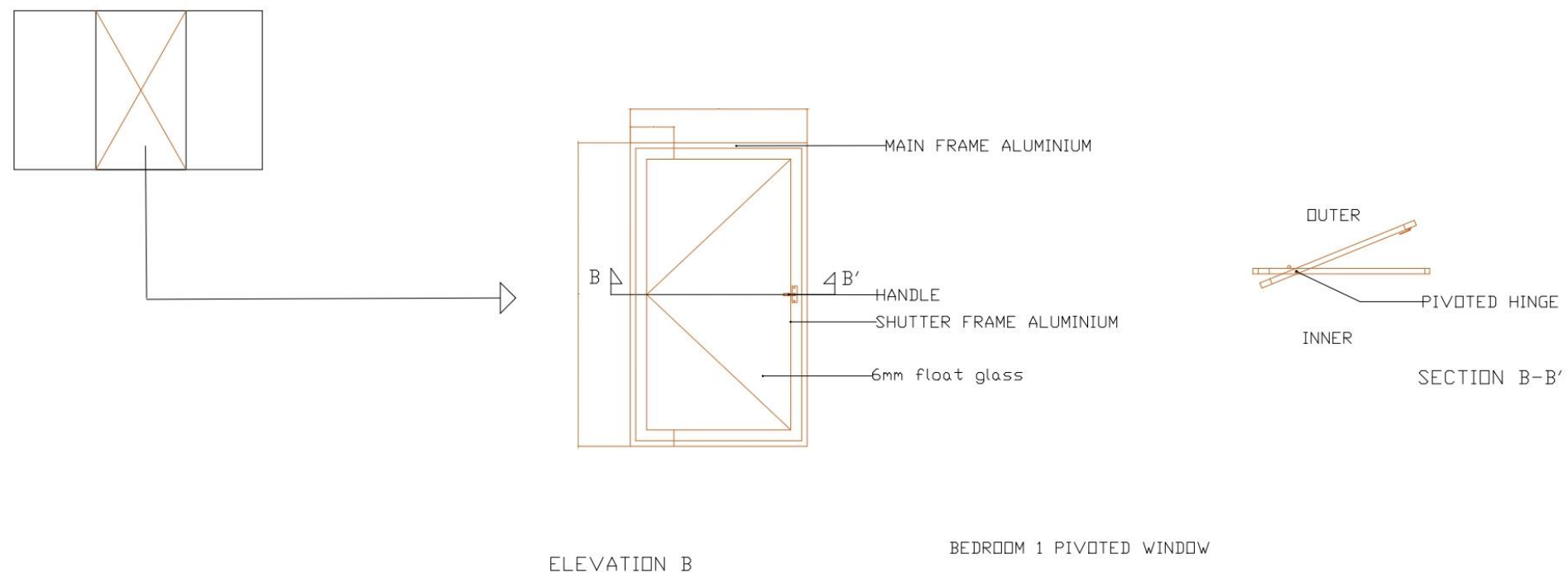




EMPLOYEE COTTAGE



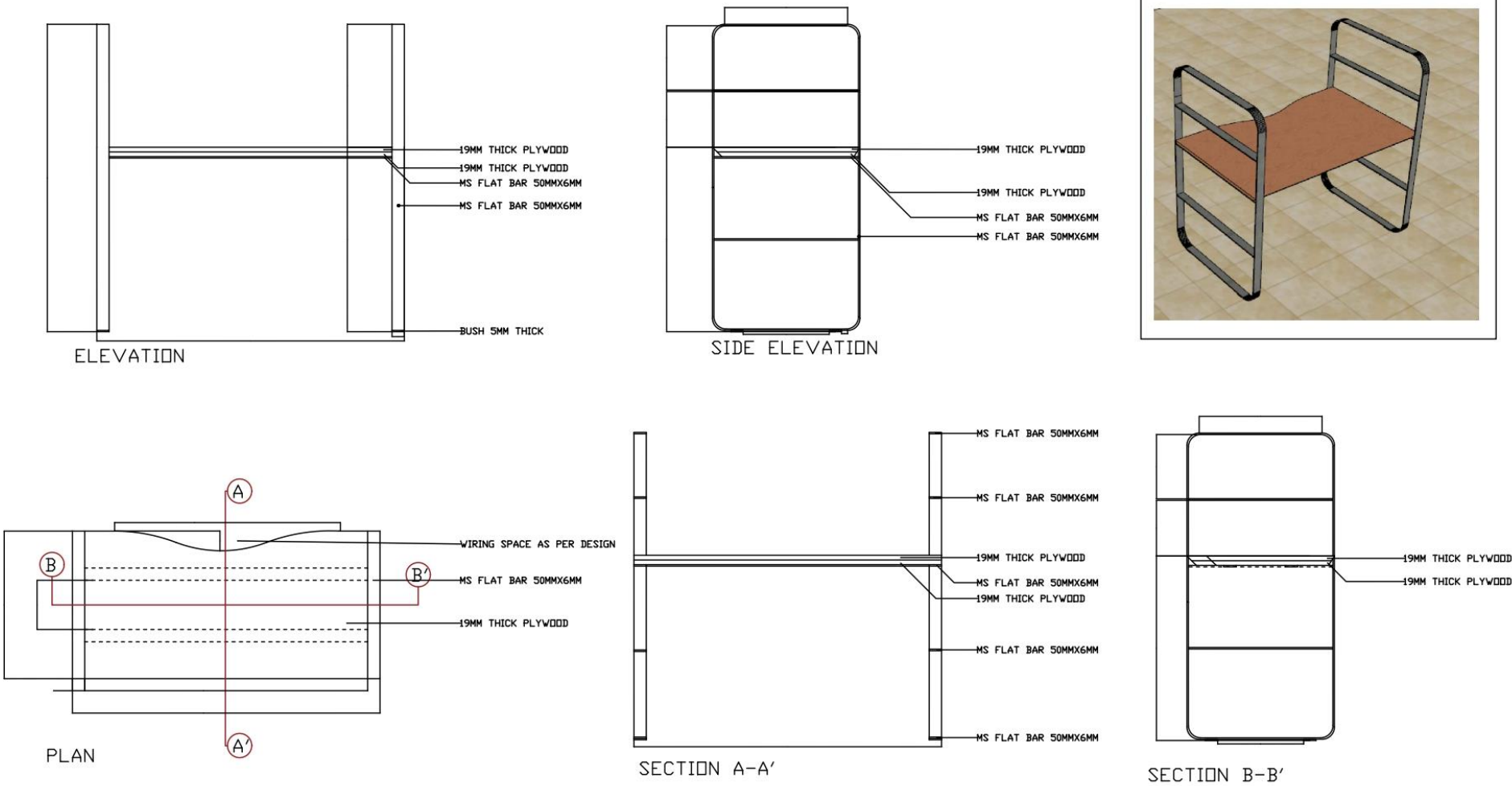
BEDROOM 2 AWNING WINDOW AND FIXED ONE



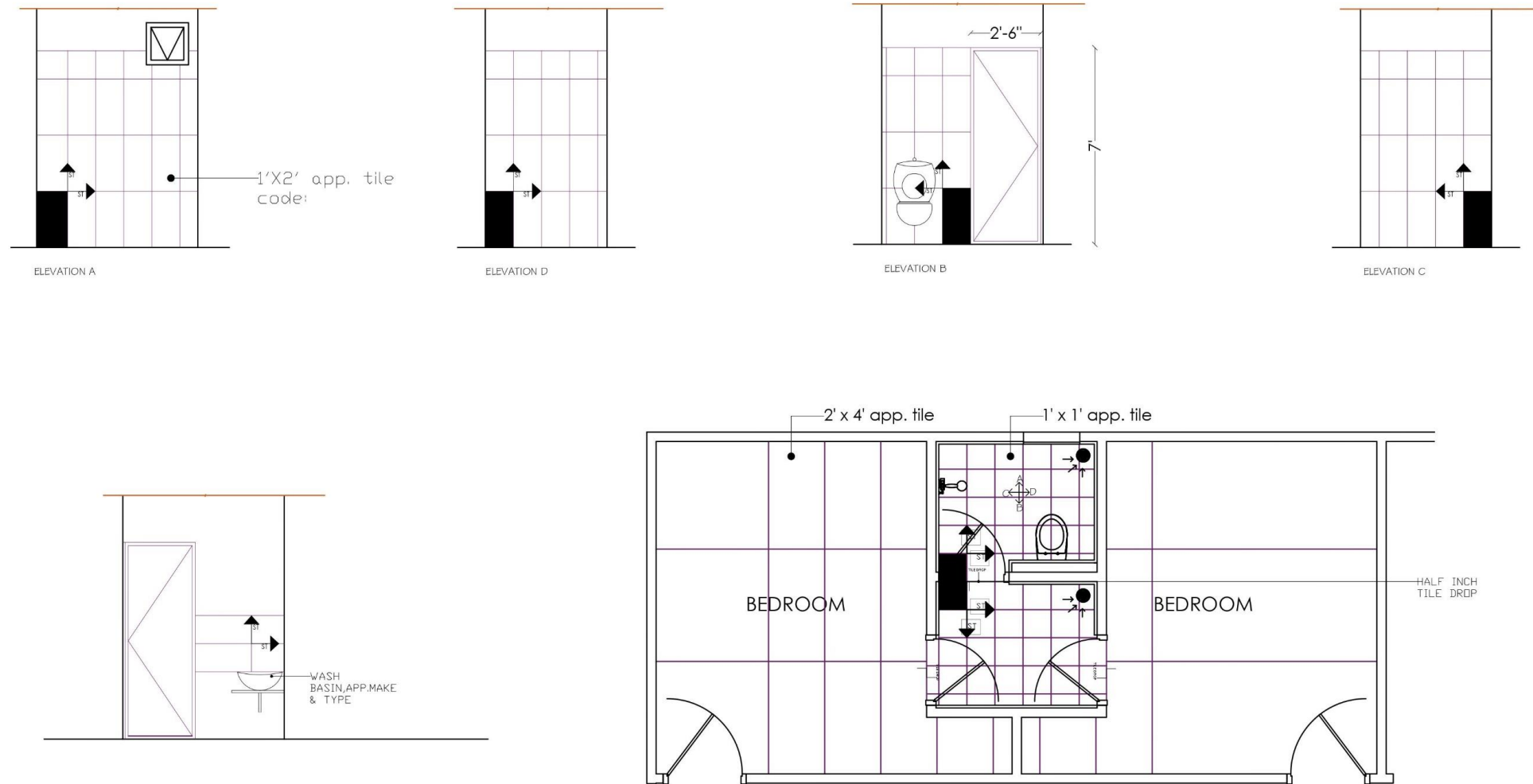
BEDROOM 1 PIVOTED WINDOW

CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SF INFRA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli, Tamilnadu 635117	EMPLOYEE COTTAGE This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	SAMPLE WINDOWS	SUDERVEL D	AR.ADVIKA

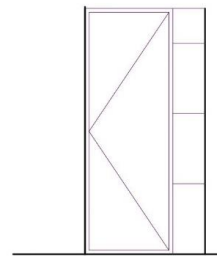
EMPLOYEE COTTAGE WORK TABLE



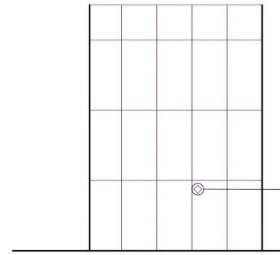
CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SF INFRA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli, Tamilnadu 635117	EMPLOYEE COTTAGE This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	WORK TABLE	SUDERVEL D	AR.ADVIKA



CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SF INFRA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sandity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	EMPLOYEE COTTAGE This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	RESTROOM LAYOUT	SUDERVEL D	AR.ADVIIKA

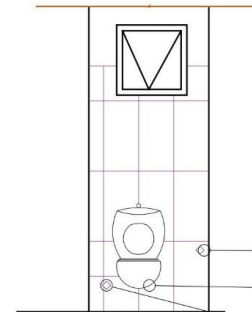


ELEVATION H



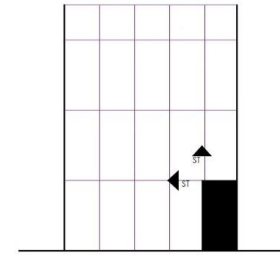
ELEVATION J

HOLE FOR FIXING
HEALTH FAUCET

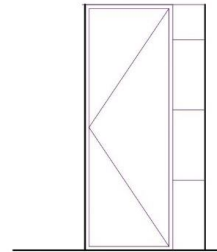


ELEVATION G

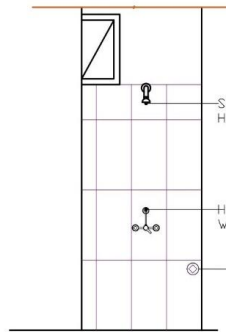
HOLE FOR STOP
VALVE
WALL MOUNTED
EWC
HOLE FOR PIPE



ELEVATION I



ELEVATION L

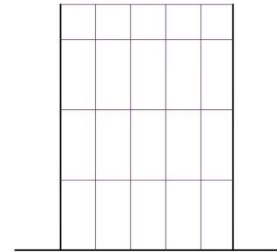


ELEVATION K

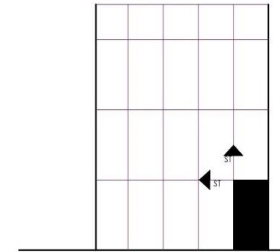
SHOWER AT 6'-6"
HIGH FROM FFL

HOT & COLD
WATER DIVERTER

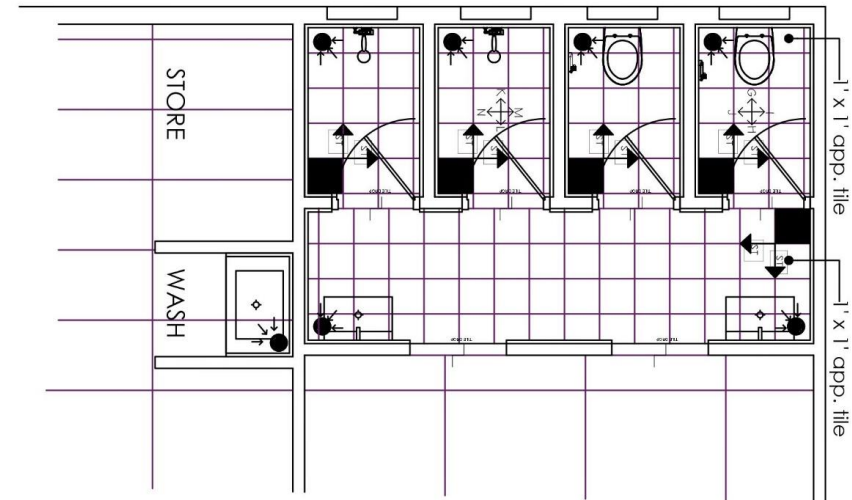
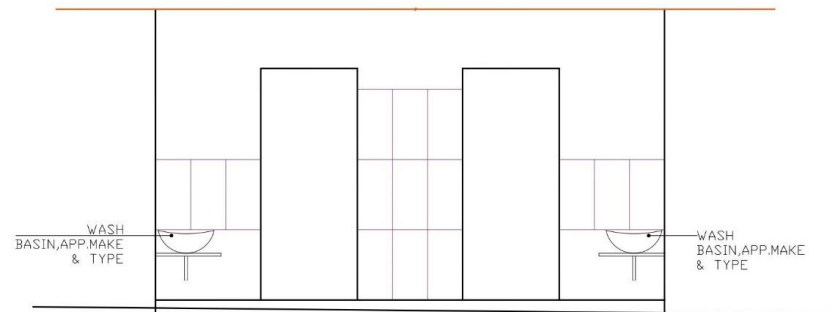
HOLE FOR STOP
VALVE



ELEVATION M

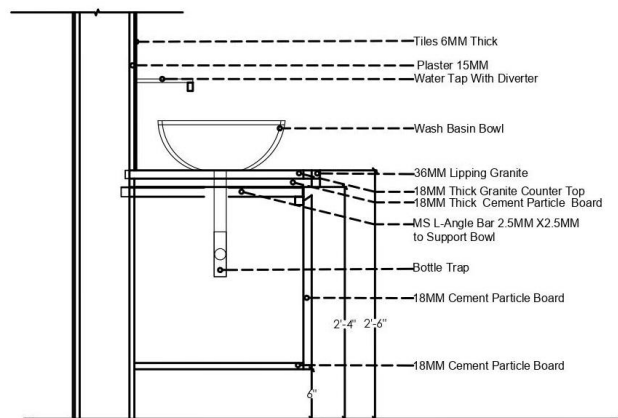


ELEVATION N

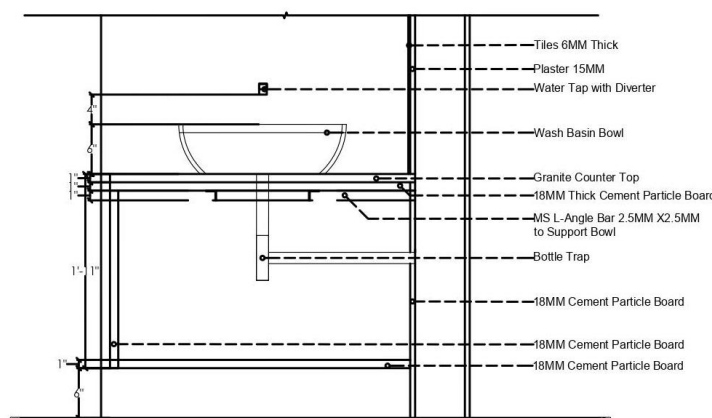


CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SF INFRA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli, Tamilnadu 635117	EMPLOYEE COTTAGE This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	RESTROOM LAYOUT DROM	SUDERVEL D	AR.ADVIKA

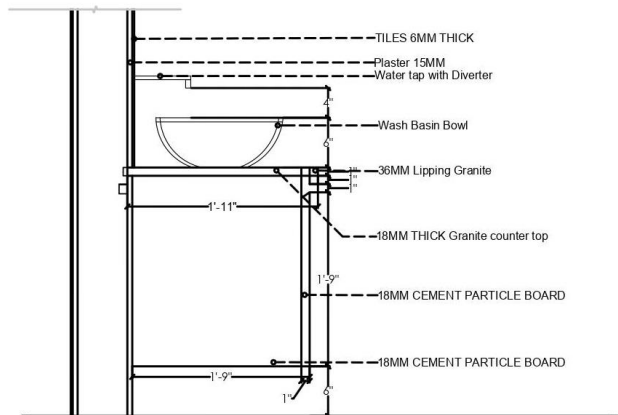
Wash Basin For Employ Cottage



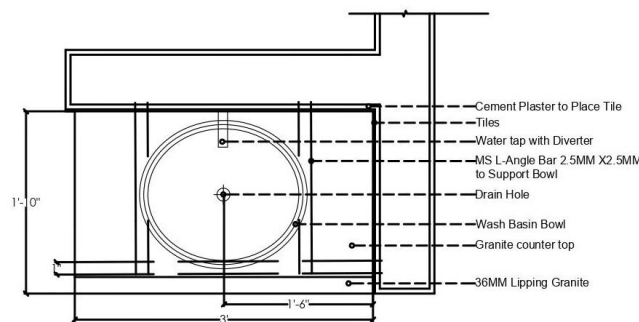
SECTION A-A'



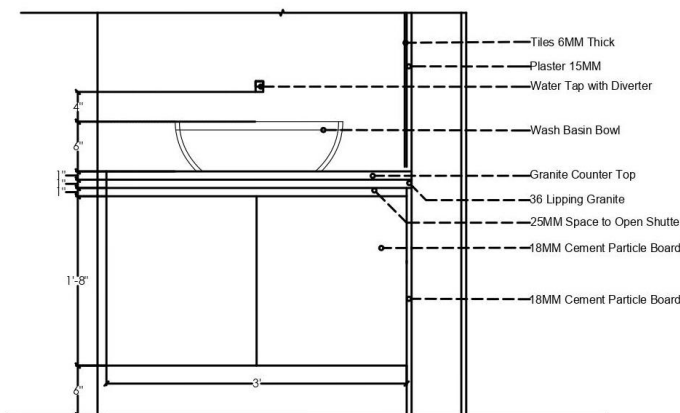
SECTION B-B'



SIDE ELEVATION



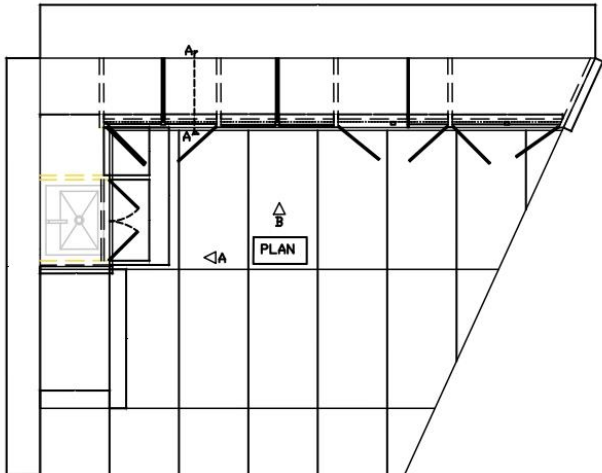
PLAN



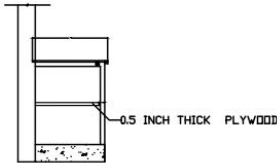
FRONT ELEVATION

CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SF INFRA Address line Address line Tel : Fax : www.	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	EMPLOYEE COTTAGE	WASH BASIN	SUDERVEL D	AR.ADVIKA
This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.					

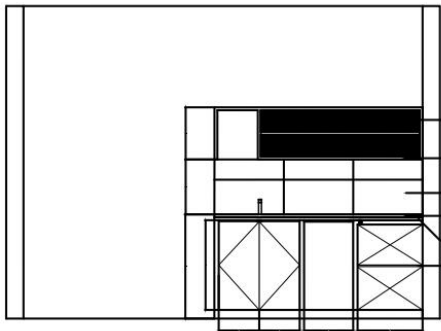
EMPLOY COTTAGE KITCHEN AREA



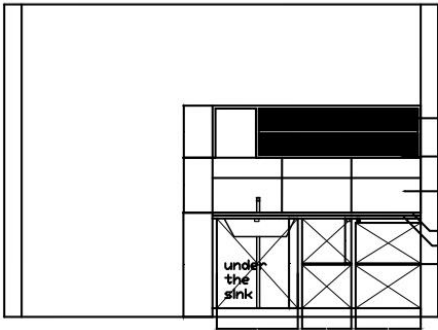
PLAN



SECTION A-A'



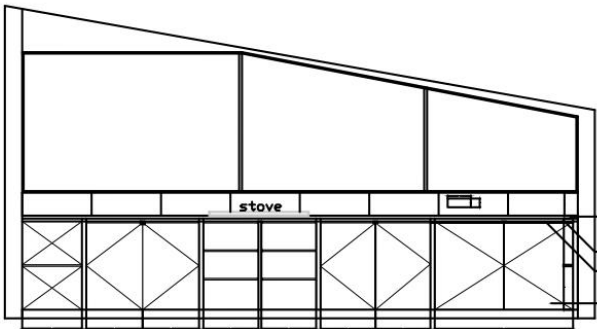
ELEVATION B WITHOUT DOOR CABINS



ELEVATION B WITHOUT DOOR CABINS

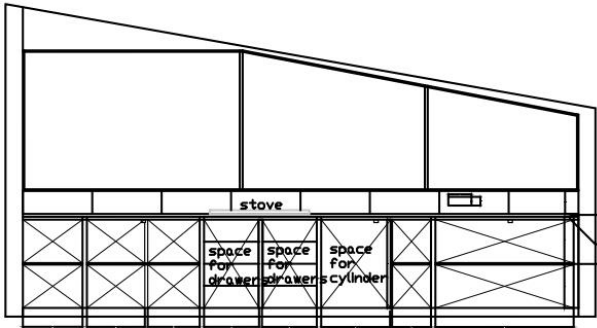
- 1MM thick mesh
- 1inch MS BOX
- 1feet x 2feet 6mm thick wall tiles
- 1inch thick granite slab
- 1inch thick granite lipping
- 0.5inch thick plywood

- 1MM thick mesh
- 1inch MS BOX
- 1feet x 2feet 6mm thick wall tiles
- 1inch thick granite slab
- 1inch thick granite lipping
- 0.5inch thick plywood



ELEVATION A WITHOUT DOOR CABINS

- 1inch thick granite slab
- 1inch thick granite lipping
- 0.5 MM GAP GIVEN FOR DOOR TO HANDLE
- 0.5inch thick plywood



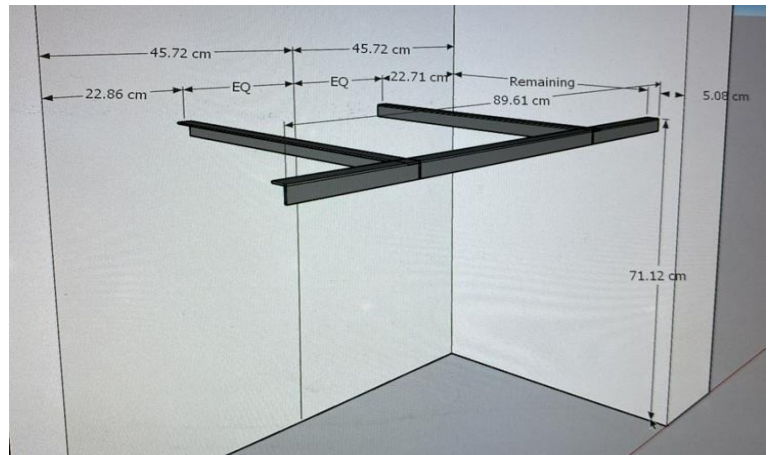
ELEVATION A WITHOUT DOOR CABINS

- 1inch thick granite slab
- 1inch thick granite lipping
- 0.5inch thick plywood

EMPLOYEE COTTAGE

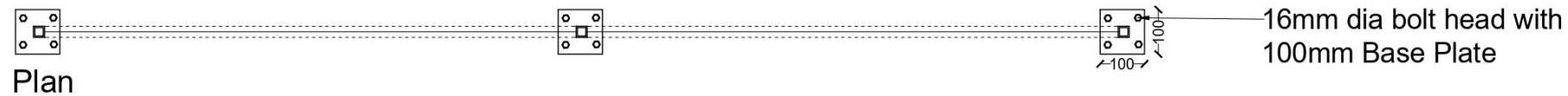
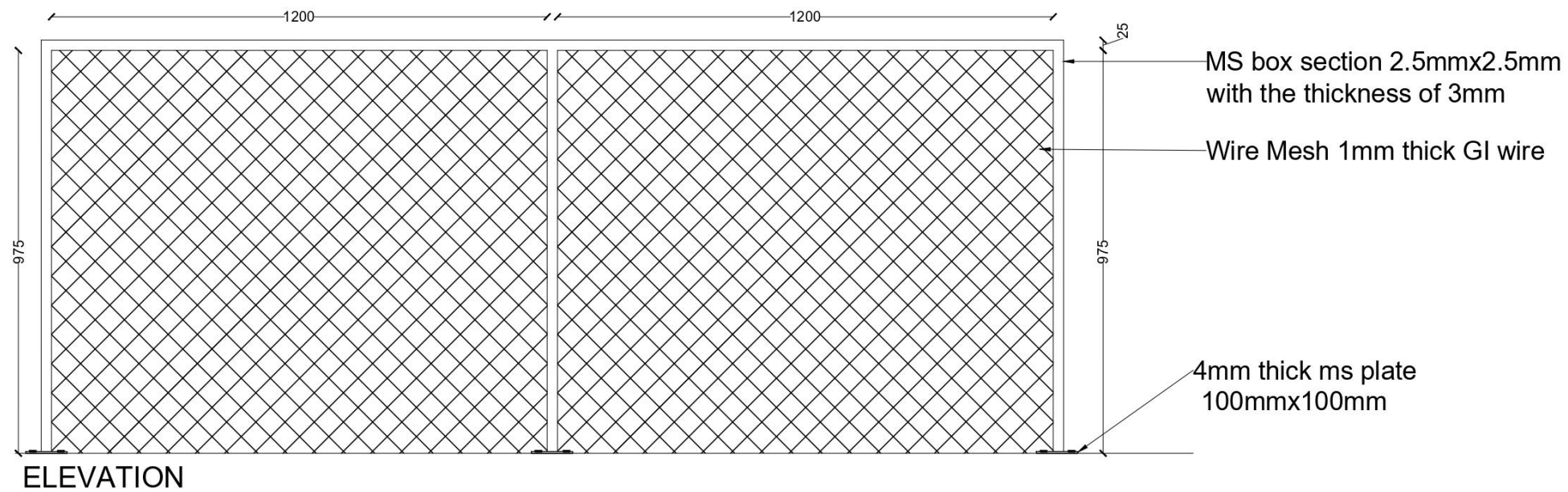
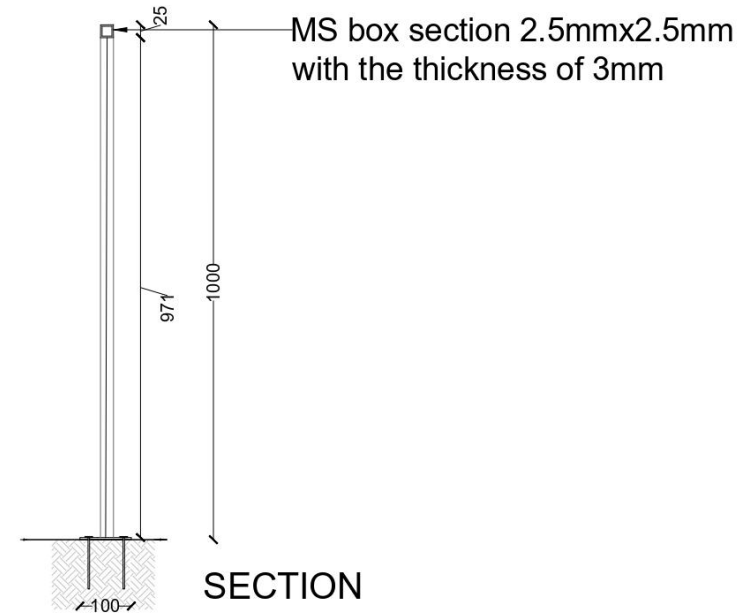
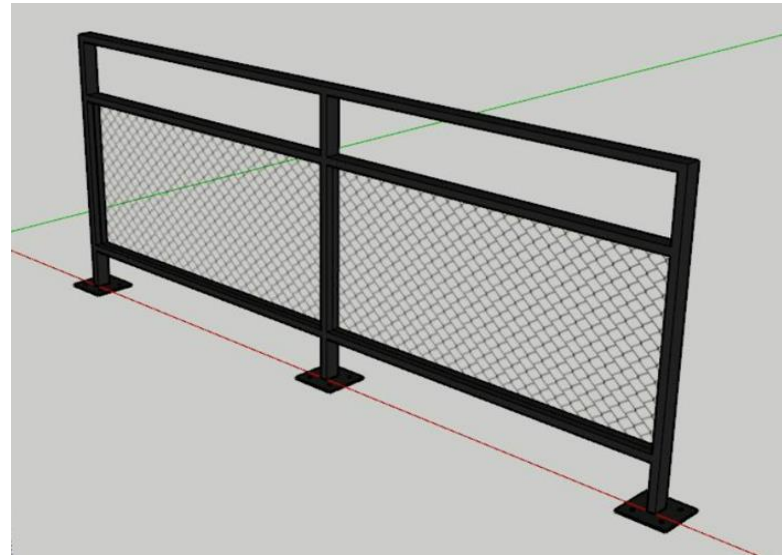
	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
	SF INFRA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	EMPLOY COTTAGE This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work on shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	KITCHEN	SUDERVEL D	AR.ADVIKA



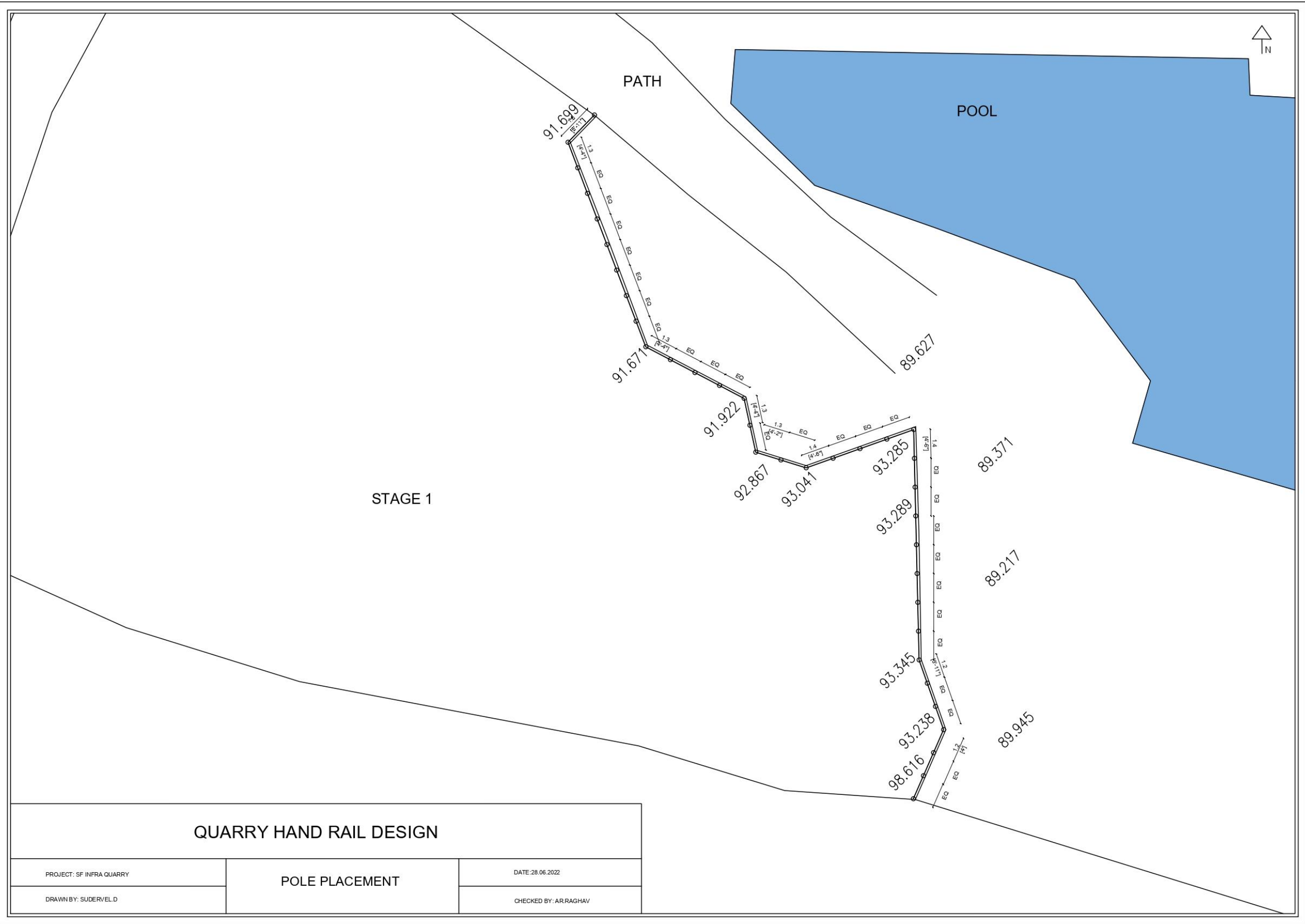


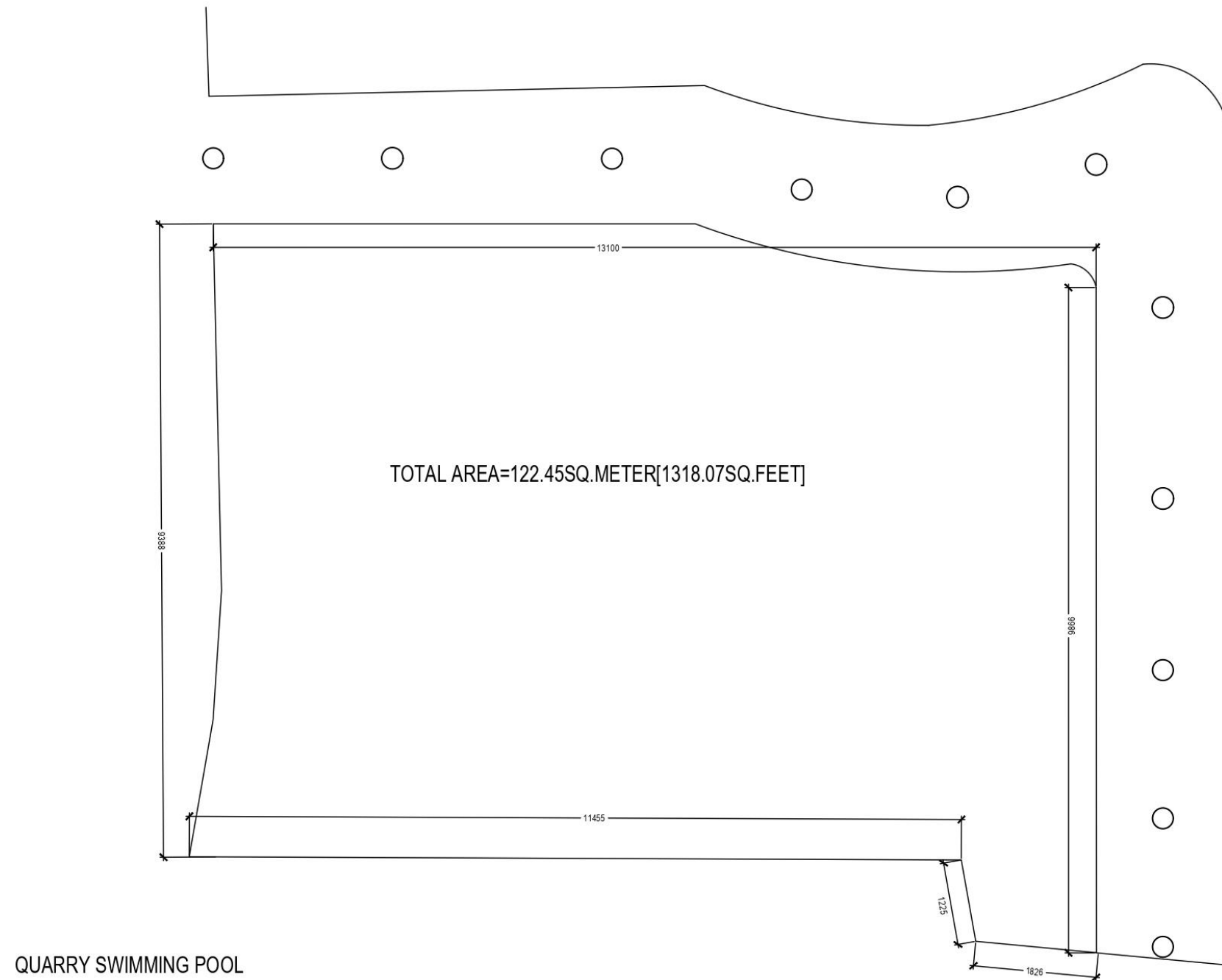


QUARRY



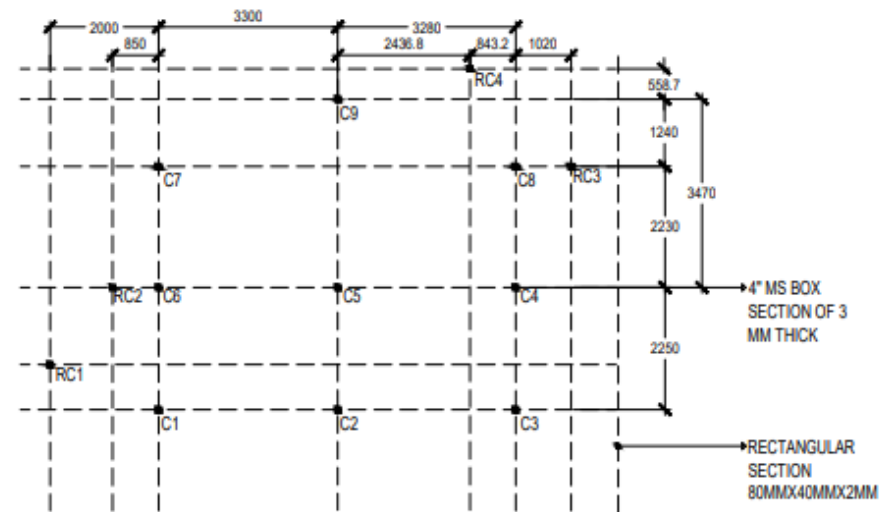
CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
SF INFRA Address line _____ Address line _____ Tel : _____ Fax : _____ www: _____	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	QUARRY This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	HAND RAIL	SUDERVEL D	AR.RAGAV





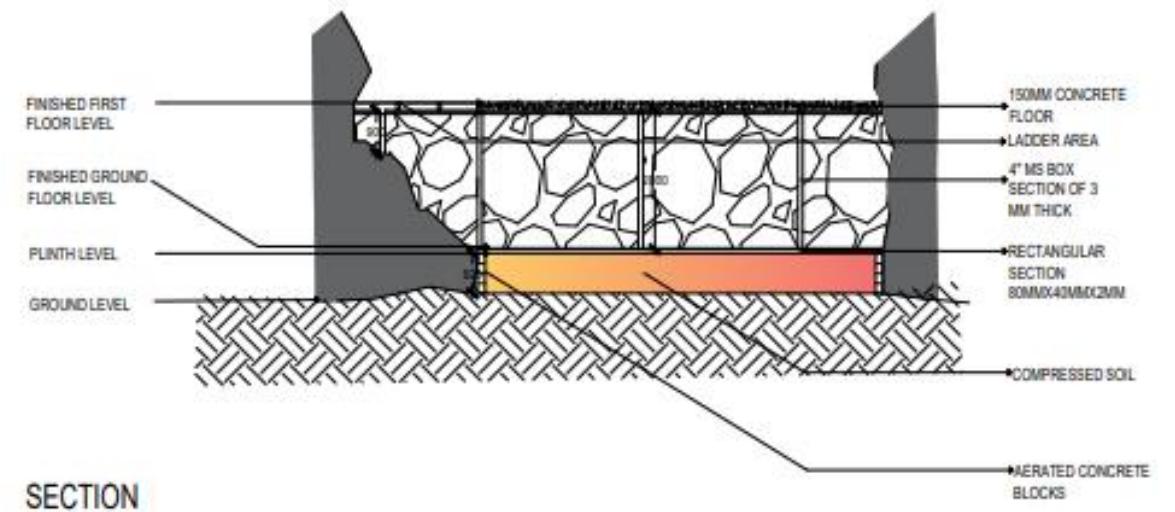
QUARRY SWIMMING POOL

N	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	DRAWN BY	CHECKED BY
	SF INFRA Address line _____ 1 Address line _____ 2 Tel : _____ Fax : _____ www. _____	 SF INFRA Sanctity Feme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	QUARRY This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	SWIMMING POOL AREA	SUDERVEL D	AR.RAGAV

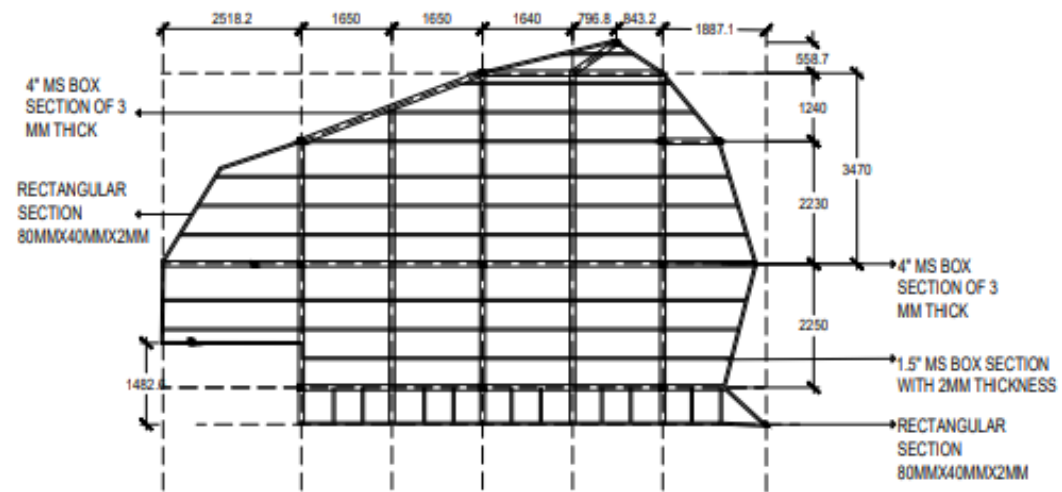


COLUMN LAYOUT

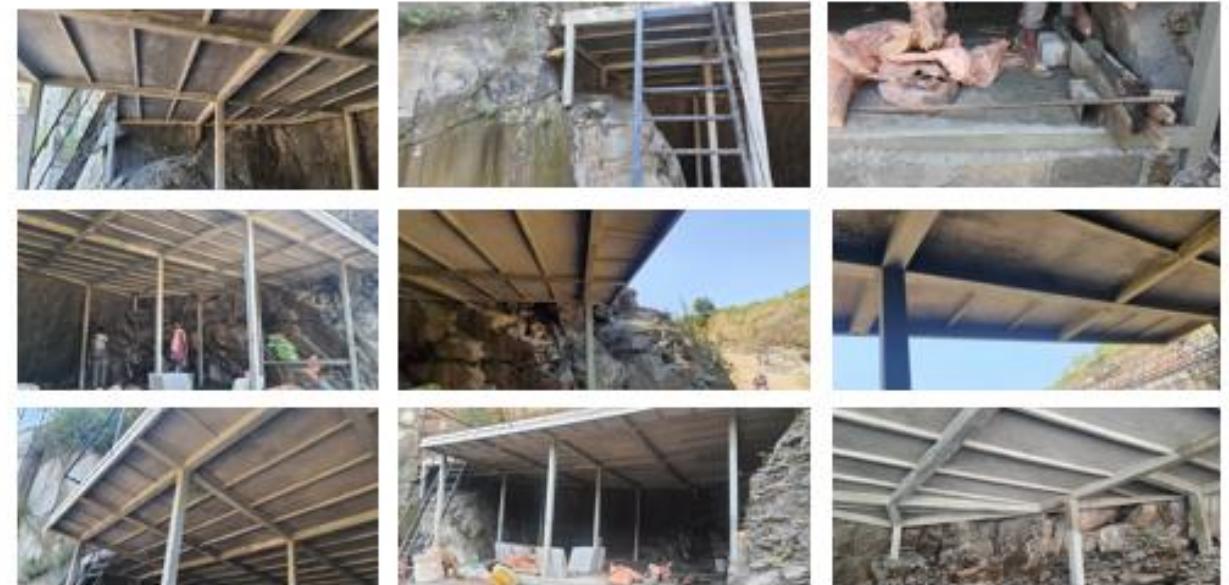
RC-COLUMN RESTED ON ROCK



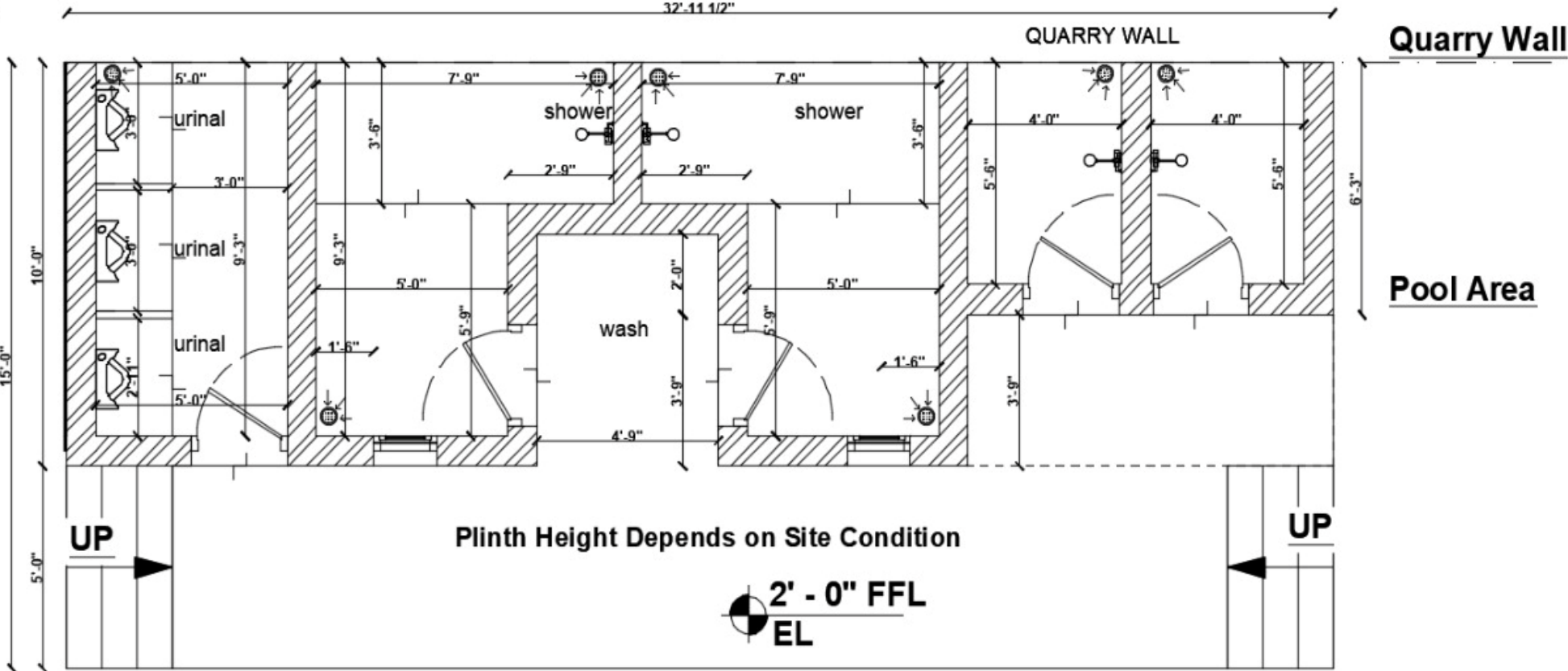
SECTION



BEAM LAYOUT

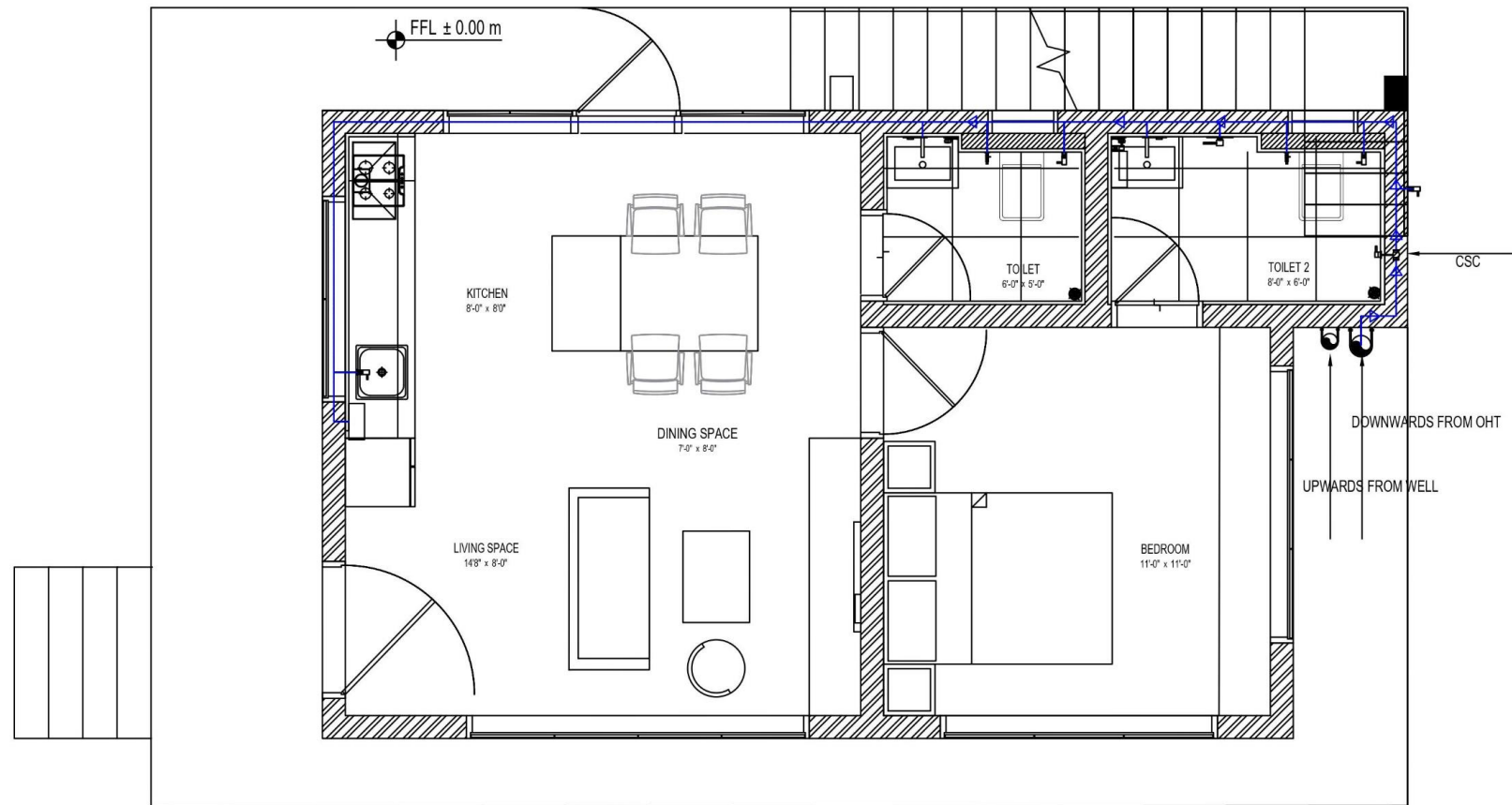


QUARRY TOILET





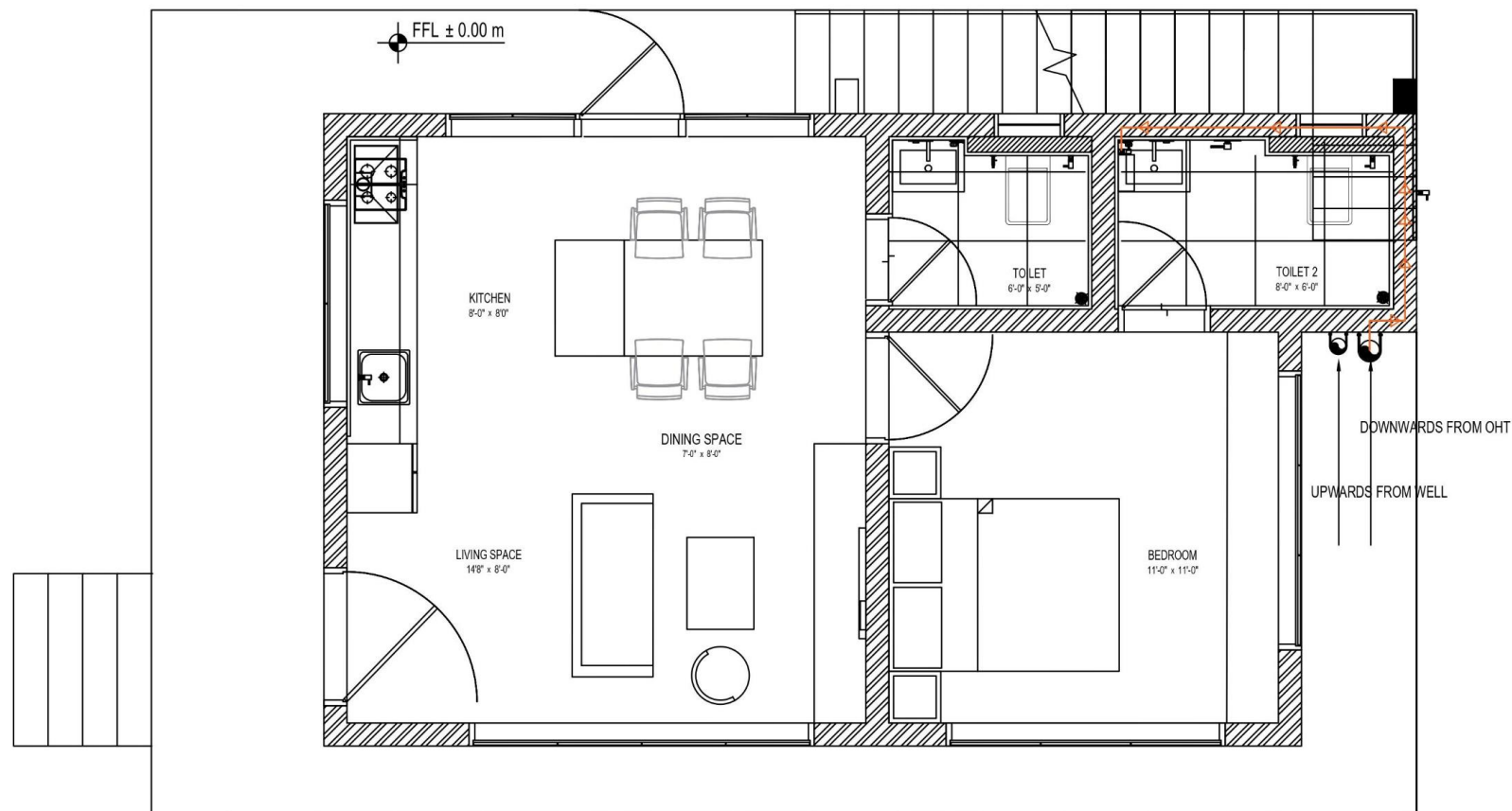
SUNITHA PLOT-103



LEGEND	
TAG	DESCRIPTION
	COLD WATER PIPE

1 GF_PLUMBING LAYOUT - COLD WATER SUPPLY
A00-00 1:50

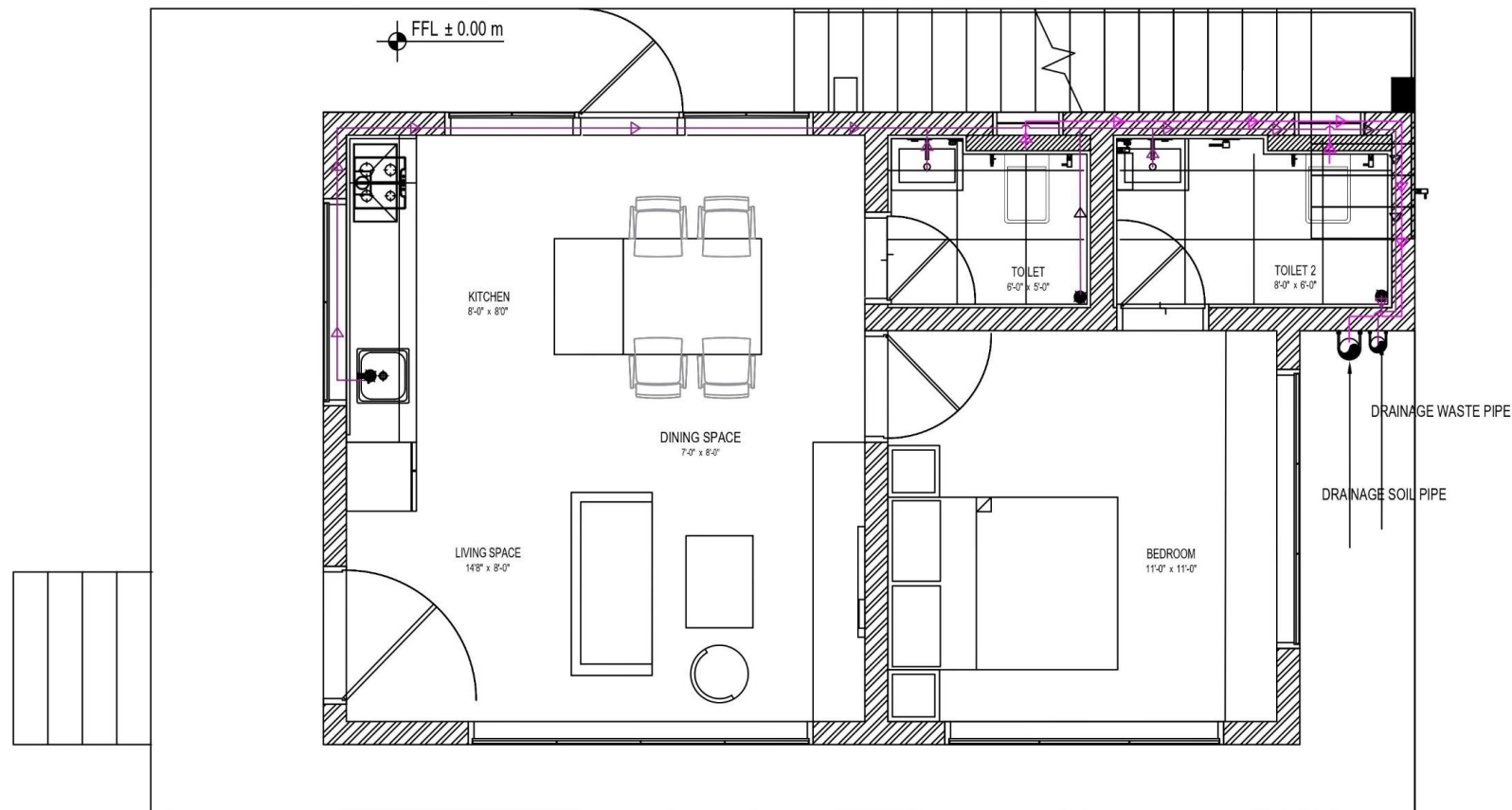
	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	SFI PROJECT NO : 001 -A-L-103-A1-1				
	MS.SUNITHA		PLOT - 103 RESIDENCE	PLUMBING LAYOUT COLD WATER SUPPLY	DWG. NO.	001		REV.	R1
	Address line _____1				ARCHITECT	Ar .Ragav			
	Address line _____2		CHECKED BY		Ar.Ragav				
	Tel : _____		DRAWN BY		Sudervel				
	Fax : _____		This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.		SCALE:	1:50	DATE:	07 - 11 - 2022	
	www. _____								



LEGEND	
TAG	DESCRIPTION
	HOT WATER SUPPLY

1 GF_PLUMBING LAYOUT - HOT WATER SUPPLY
A00-00 1:50

	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	SFI PROJECT NO : 001 -A-L-103-A1-1				
	MS.SUNITHA Address line _____ 1		SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	PLOT - 103 RESIDENCE	PLUMBING LAYOUT HOT WATER SUPPLY	DWG. NO.	001	REV.	R1
	Address line _____ 2		ARCHITECT	Ar.Ragav					
	Tel : Fax : www.		CHECKED BY	Ar.Ragav					
			DRAWN BY	Sudervel					
This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Archited before the commencement of any work.									
					SCALE:	1:50	DATE:	07- 11 - 2022	

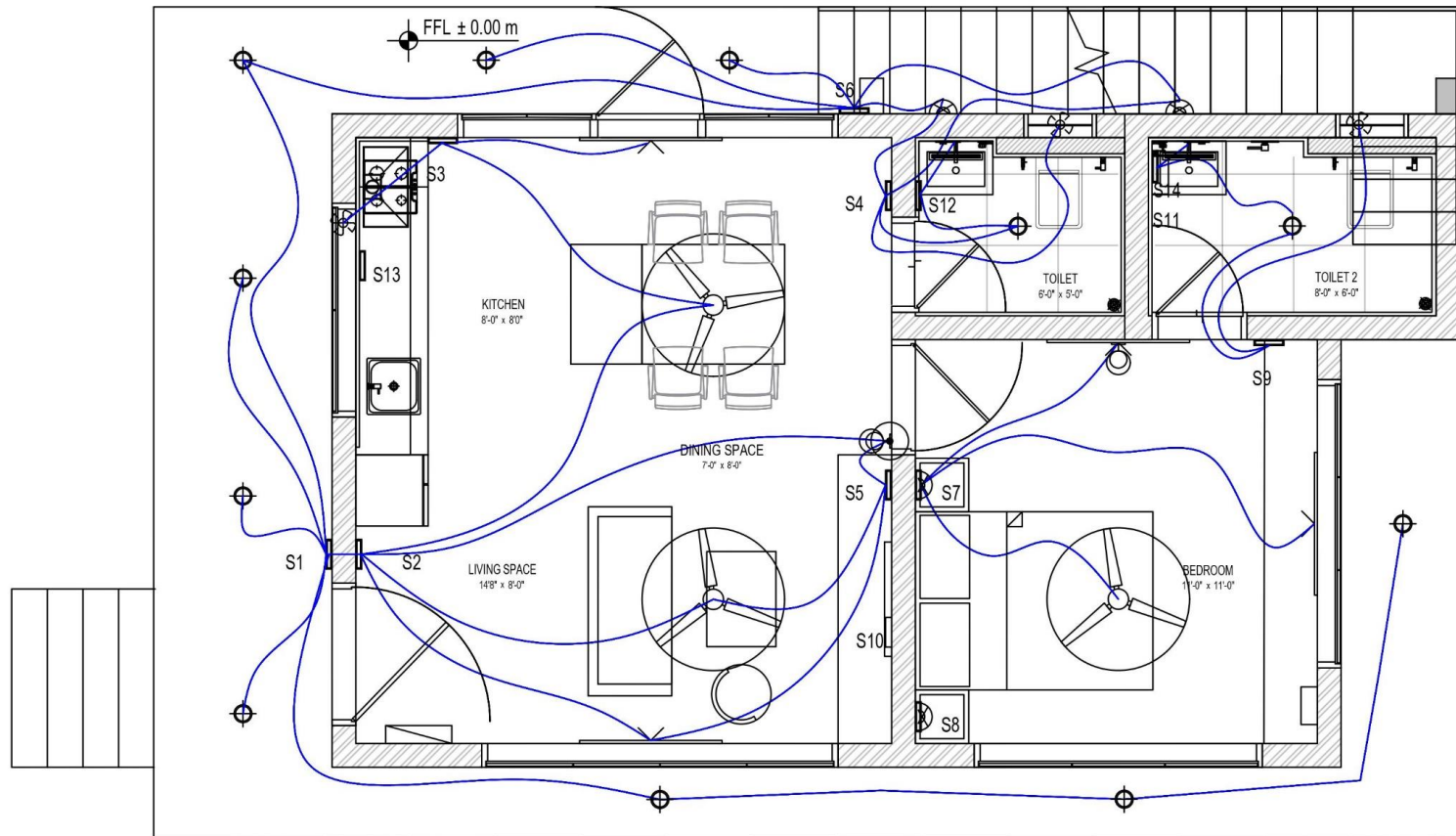


LEGEND	
TAG	DESCRIPTION
	WASTE SOIL PIPE
	WASTE PIPE

1
A00-00 1:50

GF_PLUMBING LAYOUT - DRAINAGE

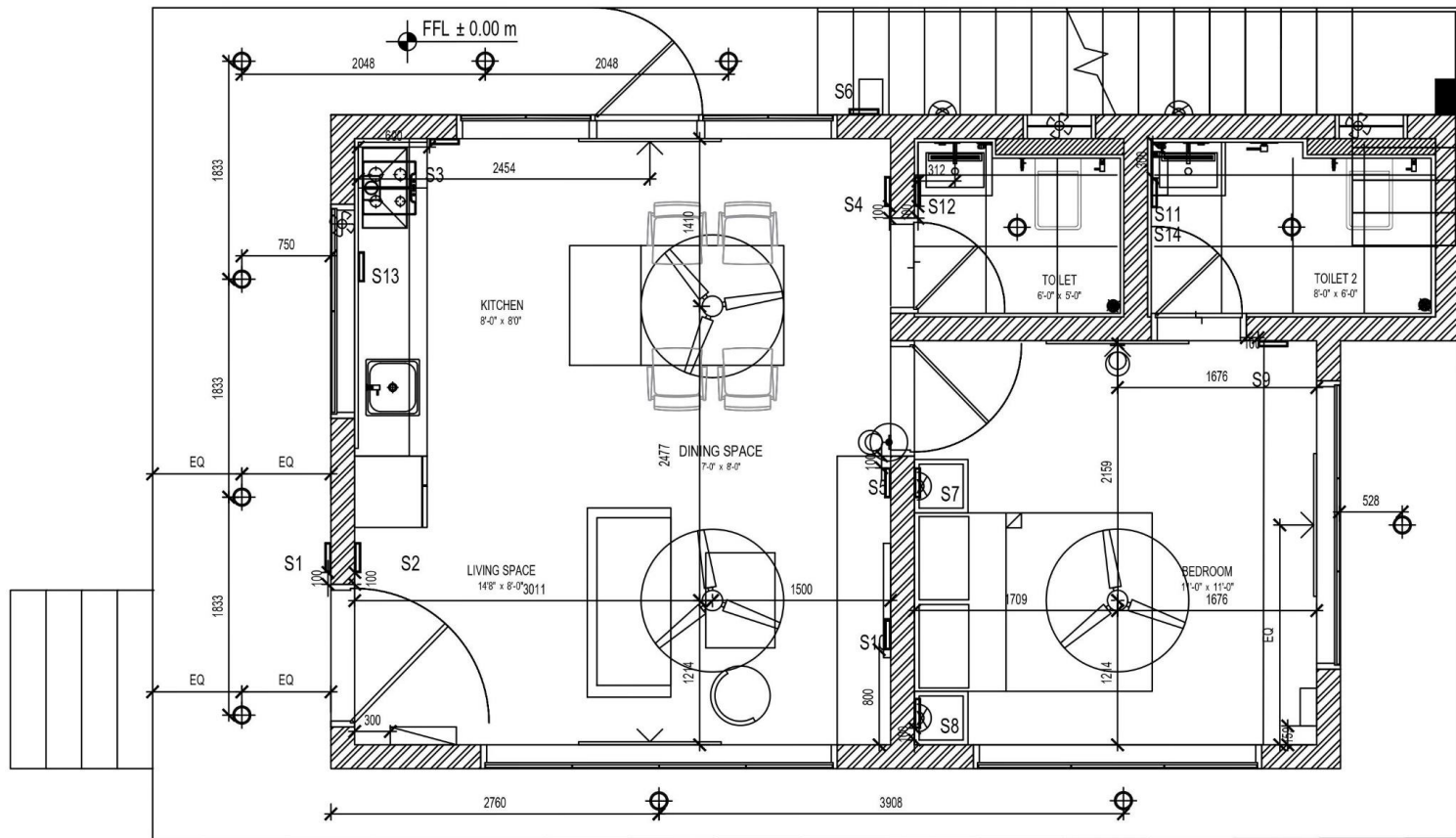
	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	SFI PROJECT NO : 001 -A-L-103-A1-1			
	MS.SUNITHA Address line 1 Address line 2 Tel : Fax : www:	 SF INFRA Sanctity Ferme, Chembairadi Rd., Kodiga Timmanapalli , Tamilnadu 635117	PLOT - 103 RESIDENCE This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.	PLUMBING DRAINAGE LAYOUT PLAN	DWG. NO.	001	REV.	R1
					ARCHITECT	Ar.Ragav		
					CHECKED BY	Ar.Ragav		
					DRAWN BY	Sudervel		
					SCALE:	1:50	DATE:	07 - 11 - 2022



LEGEND		
TAG	DESCRIPTION	MOUNT
	10 W WALL LIGHT POINT	WALL
	TUBE LIGHT	WALL/BEAM
	PENDANT LIGHT	CEILING
	CEILING FAN	CEILING
	DISTRIBUTION BOARD	WALL @ 1500MM FROM FLOOR
	20A DP SOCKET FOR AC	WALL @ 2150MM FROM FLOOR
	EXHAUST FAN	WALL
	BELL RINGER	WALL
	WALL SCONES	WALL
	MIRROR LIGHT	WALL

1 GF ELECTRICAL LAYOUT
A00-00 1:50

	CLIENT		ARCHITECTS		PROJECT TITLE		DRAWING TITLE		SFI PROJECT NO : 001 -A-L-103-A1-1					
	MS.SUNITHA Address line _____1			SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117		PLOT - 103 RESIDENCE		ELECTRICAL LAYOUT PLAN		DWG. NO.	001		REV.	R1
	Address line _____2									ARCHITECT	Ar.Ragav			
	Tel : Fax : www.					This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.				CHECKED BY	Ar.Ragav			
										DRAWN BY	Sudervel			
									SCALE:	1:50		DATE:	07-11-2022	

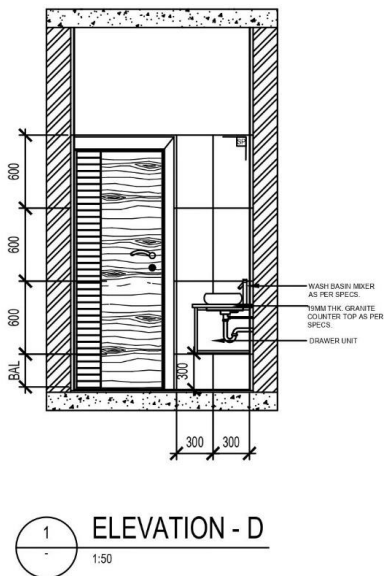
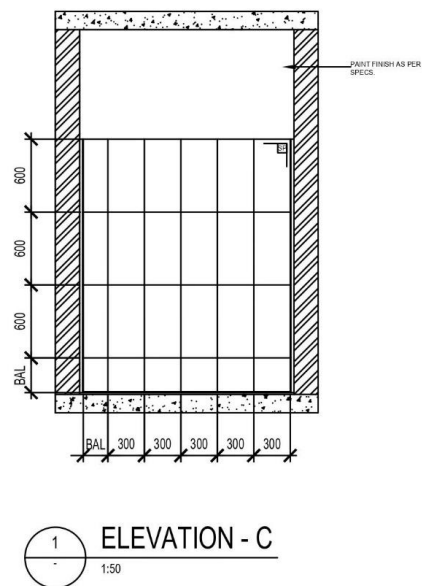
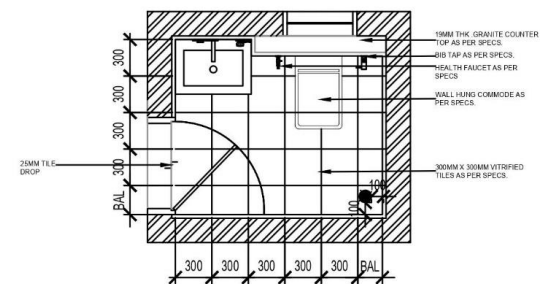
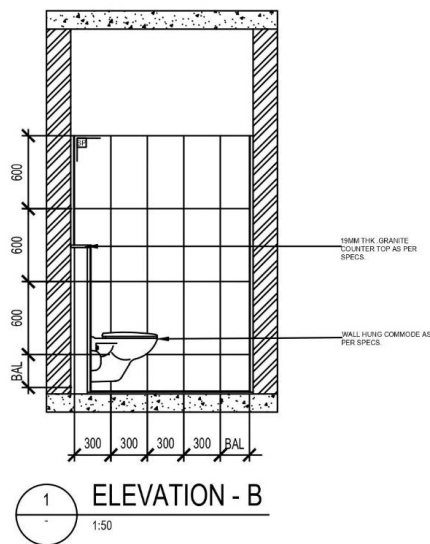
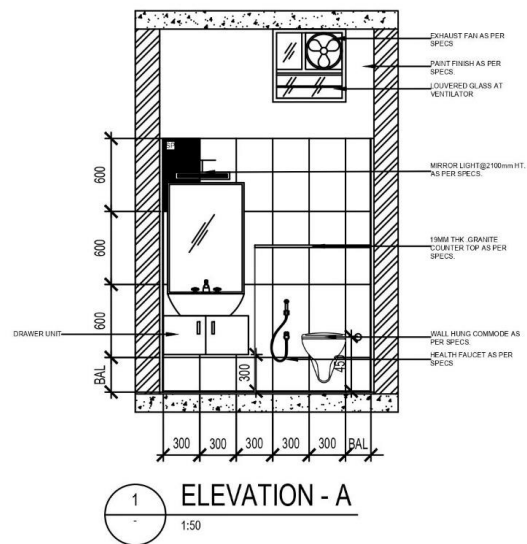


1
A00-00
1:50

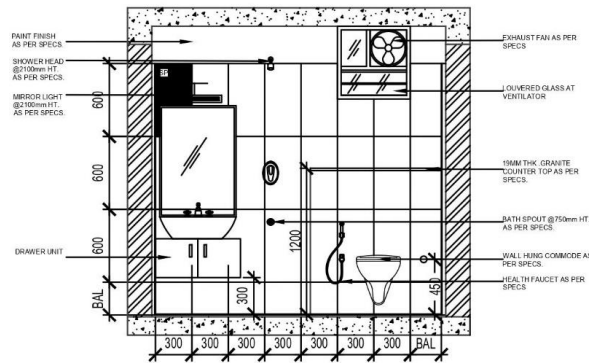
GF_ELECTRICAL PLACEMENT

LEGEND			
TAG	MODULE	DESCRIPTION	HEIGHT AND DISTANCE
S1	9	2WAY SWITCH 1,1 WAY SWITCH 6,1MODULE DUMMY 2	1200MM FROM FLOOR,100 MM AWAY FROM DOOR
S2	9	2WAY SWITCH FAN 2,1 WAY SWITCH BULB LIGHT 1,1 MODULE SWITCH REGULATOR 2,2 WAY SWITCH TUBE LIGHT 1 ,16AMPS SOCKET 3PIN,SWITCH 1	1200MM FROM FLOOR,100 MM AWAY FROM DOOR
S3	4	2WAY SWITCH FAN 1,1 WAY SWITCH LIGHT 1,1WAY SWITCH REGULATOR 1,1WAY SWITCH EXHAUST FAN 1	1200MM HEIGHT FROM FLOOR, 600MM AWAY FROM KITCHEN WALL
S4	4	2WAY SWITCH EXTERIOR LIGHT 2,LIGHT POWDER ROOM 2WAY SWITCH 1,EXHAUST FAN SWITCH 1	1200MM FROM FLOOR,100 MM AWAY FROM DOOR
S5	6	2WAY SWITCH FAN 1,2 WAY SWITCH LIGHT 1,1WAY SWITCH REGULATOR 1,3PIN SOCKET AND SWITCH	1200MM FROM FLOOR,100 MM AWAY FROM DOOR
S6	6	2WAY SWITCH LIGHT 3,1 WAY SWITCH LIGHT 2,1 DUMMY	1200MM FROM FLOOR,100 MM AWAY FROM DOOR
S7	6	1WAY SWITCH,NIGHT LAMP SWITCH,WALL SCONE SWITCH,SOCKET AND SWITCH,TUBELIGHT SWITCH	450MM FROM FLOOR,100 MM AWAY FROM DOOR
S8	6	1WAY SWITCH FAN AND REGULATOR,NIGHT LAMP SWITCH,WALL SCONE SWITCH,SOCKET AND SWITCH	450MM FROM FLOOR,100 MM AWAY FROM WALL
S9	3	GEYSER SWITCH 1,LIGHT SWITCH,EXHAUST FAN SWITCH 1	1200MM FROM FLOOR,100 MM AWAY FROM DOOR
S10	9	3PIN SOCKET 3,SWITCH 3	450MM FROM FLOOR,800 MM AWAY FROM WALL
S11	6	SOCKET 1,SWITCH 1,LIGHT SWITCH 1,MIRROR LIGHT SWITCH 1,DUMMY 1	1200MM FROM FLOOR, 300MM AWAY FROM WALL
S12	6	SOCKET 1,SWITCH 1,LIGHT SWITCH 1,MIRROR LIGHT SWITCH 1,DUMMY 1	1200MM FROM FLOOR, 300MM AWAY FROM WALL
S13	6	(16AMPS)SOCKET 2,(16 AMPS) SWITCH 2	BOTTOM OF SWITCH BOARD IS MIN 150 MM ABOVE COUNTER
S14	3	(16AMPS)SOCKET 1,(16 AMPS) SWITCH 1	2150MM FROM FLOOR, 300MM FROM WALL

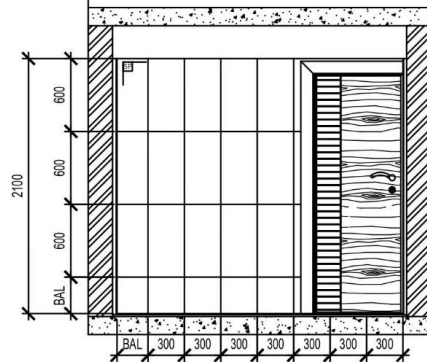
	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	SFI PROJECT NO : 001 -A-L-103-A1-1			
	MS.SUNITHA	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	PLOT - 103 RESIDENCE	ELECTRICAL PLACEMENT	DWG. NO.	001	REV.	R1
	Address line 1				ARCHITECT	Ar.Ragav		
	Address line 2		CHECKED BY	Ar.Ragav				
	Tel : Fax : www.		DRAWN BY	Sudavel				
This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.					SCALE:	1:50	DATE:	07- 11- 2022



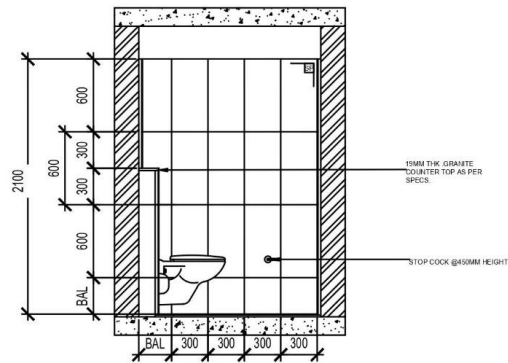
	CLIENT		ARCHITECTS		PROJECT TITLE		DRAWING TITLE		SFI PROJECT NO : 001 -A-L-103-A1-1			
	MS.SUNITHA			SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	PLOT - 103 RESIDENCE		POWDER ROOM LAYOUT		DWG. NO.	001	REV.	0
	Address line _____1								ARCHITECT	Ar. Ragav		
	Address line _____2				CHECKED BY				Ar.Ragav			
	Tel : Fax : www.				DRAWN BY				Sudavel			
					This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.				SCALE:	1:50	DATE:	07 - 11 - 2022



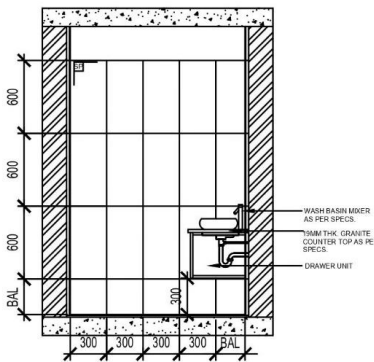
1
ELEVATION - E
1:50



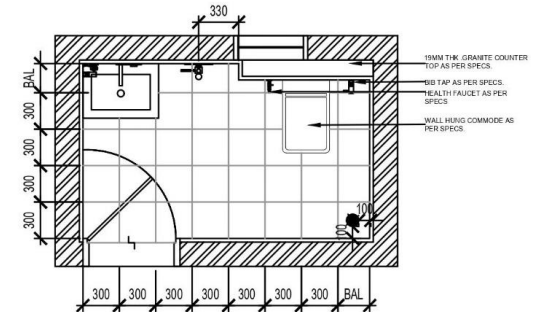
1
ELEVATION - G
1:50



1
ELEVATION - F
1:50



1
ELEVATION - H
1:50



1
RESTROOM LAYOUT
1:50



CLIENT
MS.SUNITHA
Address line
Address line
Tel :
Fax :
www.

ARCHITECTS
SF INFRA
Sanctity Ferme,
Chembaltradi Rd,
Kodiga Timmanapalli ,
Tamilnadu 635117

PROJECT TITLE
PLOT - 103 RESIDENCE
This drawing is copyright and may not be copied without prior written consent.
The contractor shall verify all dimensions on site before commencing any work
or shop drawing. Any discrepancies occurring in this drawing must be referred
to the Architect before the commencement of any work.

DRAWING TITLE
RESTROOM LAYOUT

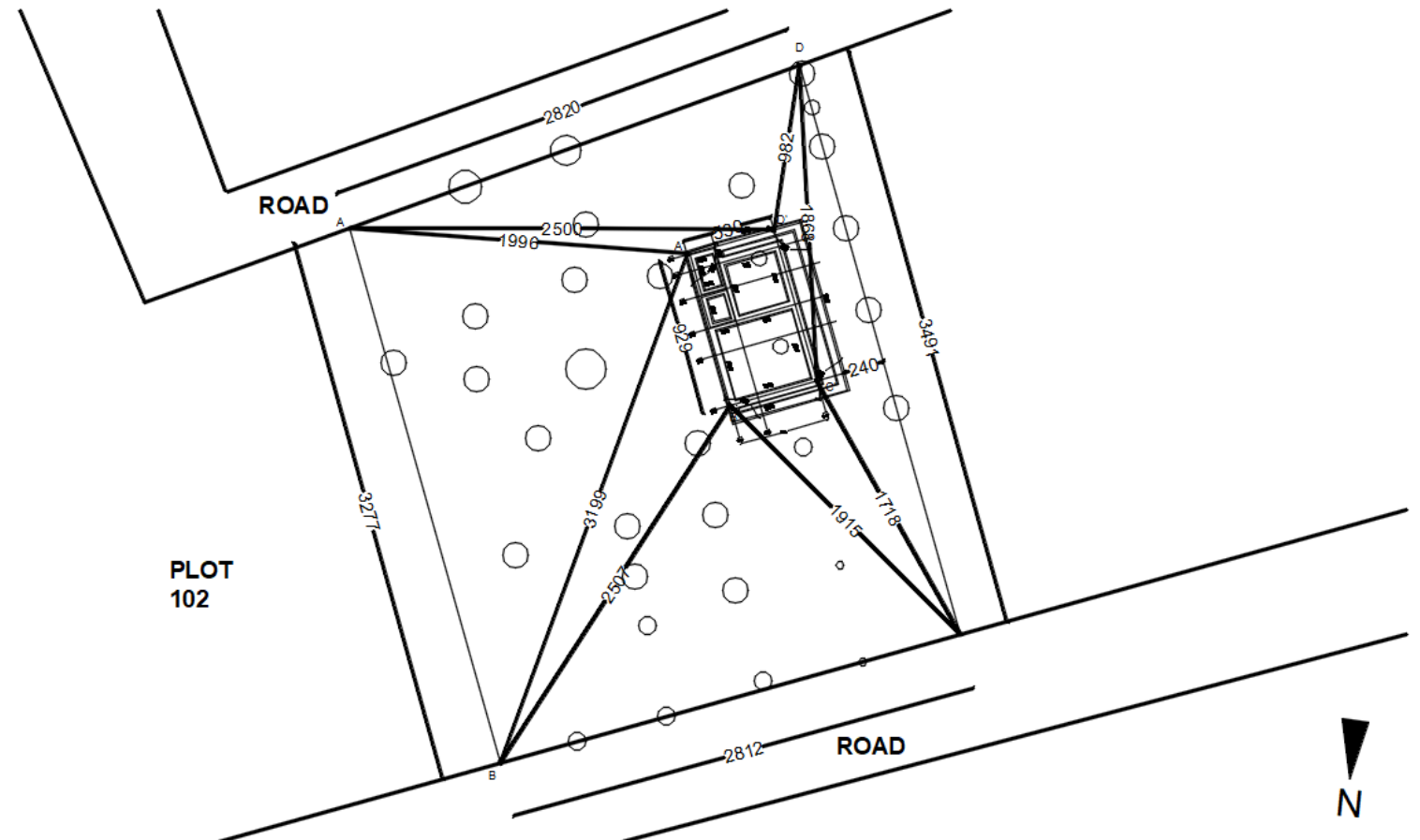
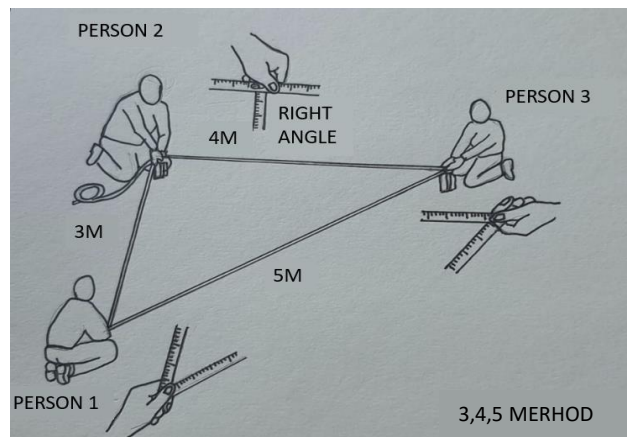
SFI PROJECT NO : 001 -A-L-103-A1-1
DWG. NO. 001
ARCHITECT Ar. Ragav
CHECKED BY Ar.Ragav
DRAWN BY Sudarvel
SCALE: 1:50
DATE: 07 - 11 - 2022

MARKING BOUNDARY

USING TRIANGULATION METHOD
SITE CORNERS ARE MARKED

USING PYTHAGORAS THUMB RULE
3,4,5 RIGHT ANGLES ARE MARKED
FOR WALL CENTERLINE.

AFTER THE CENTER LINE OF WALL
MARKED 0.75FEET ON EITHER
SIDES OF CENTERLINE ARE
MARKED FOR WALL FOUNDATION



TOTAL AREA OF SITE:10,000SQFT
TOTAL BUILT UP AREA:805SQ.FT

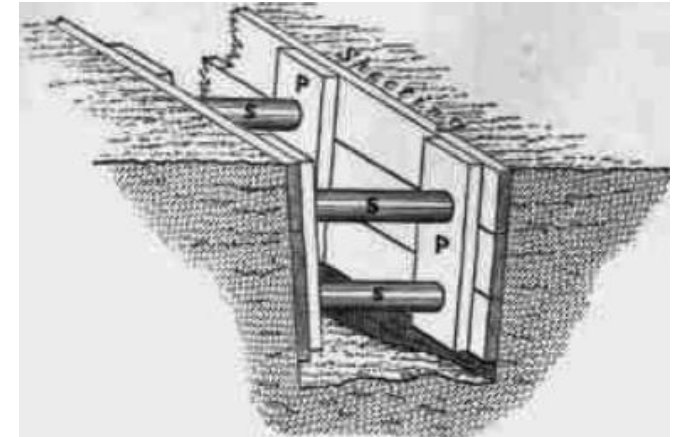
SIZED STONE MASONRY FOR FOUNDATION

PLAIN CEMENT CONCRETE-(1:4:8) USING 40MM
NOMINAL SIZE HARD GRANITE BROKEN STONES

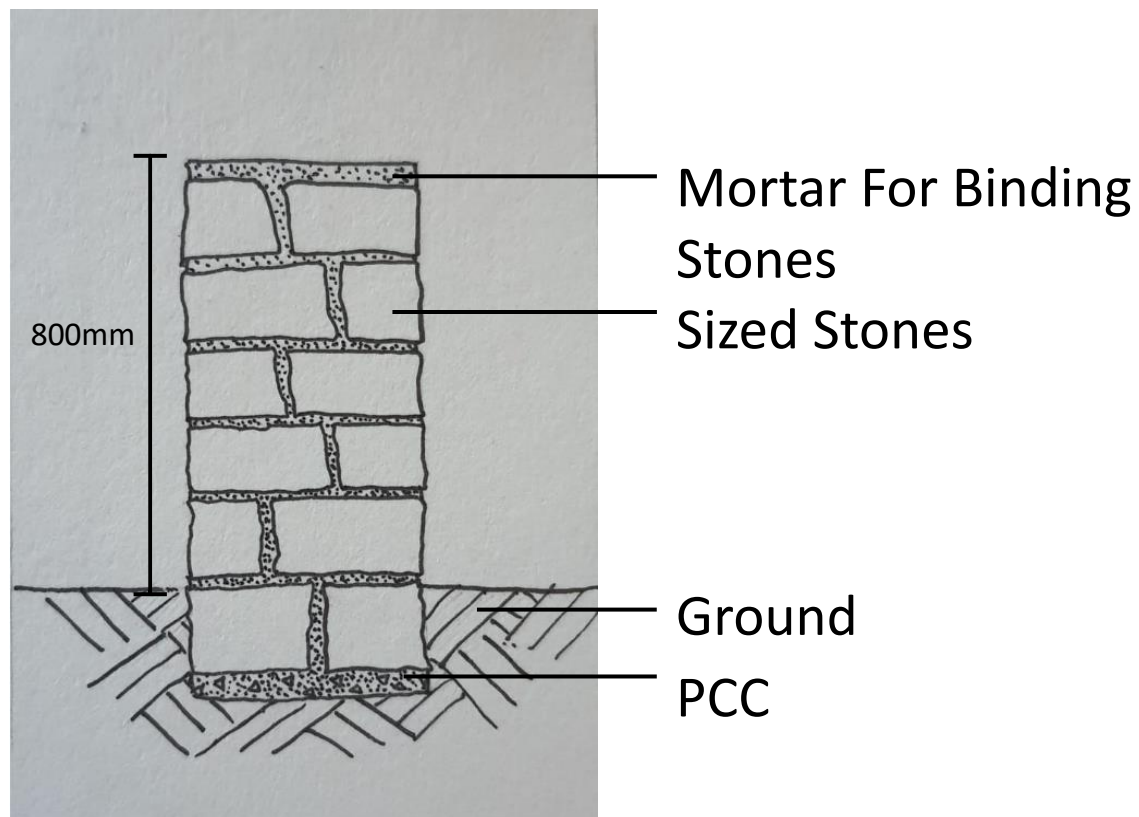
M 7.5 1part cement:4 parts coarse sand:8parts
of 40mm graded stones



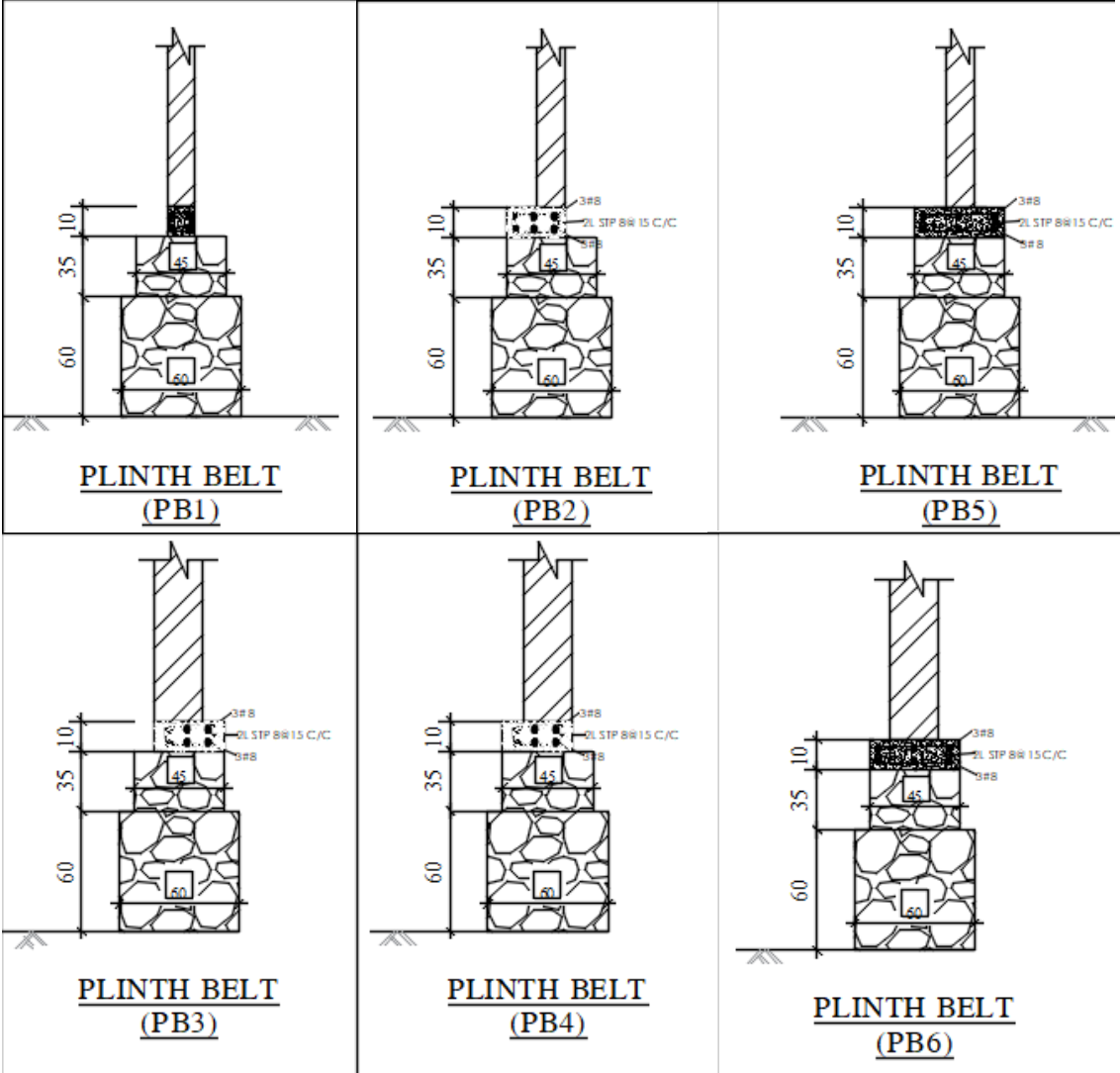
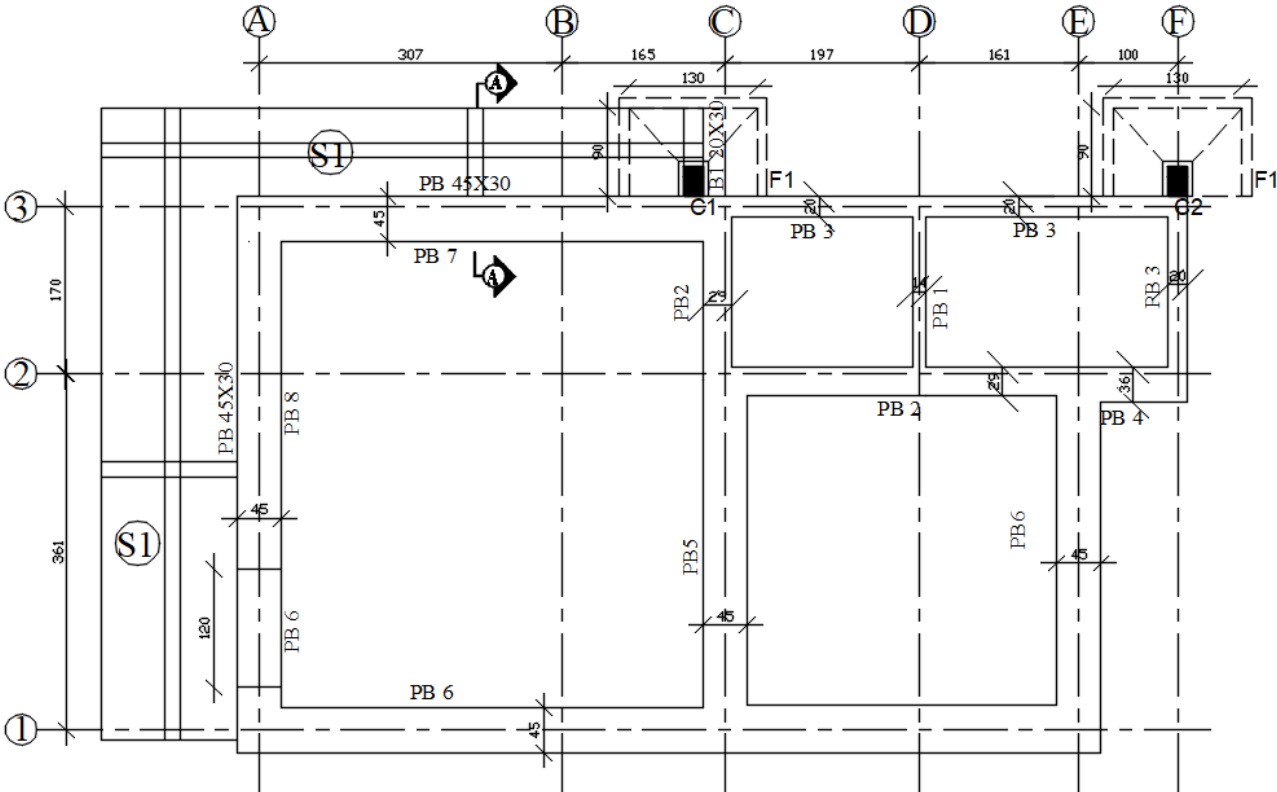
SIZED STONES

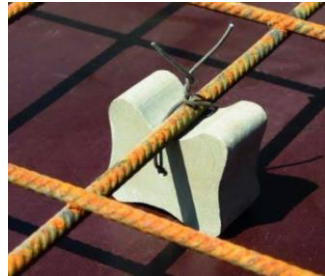


SHORING AND STRUTTING



PLINTH BELT LAYOUT





REBARS ARE
PLACED
OVER COVER
BLOCK

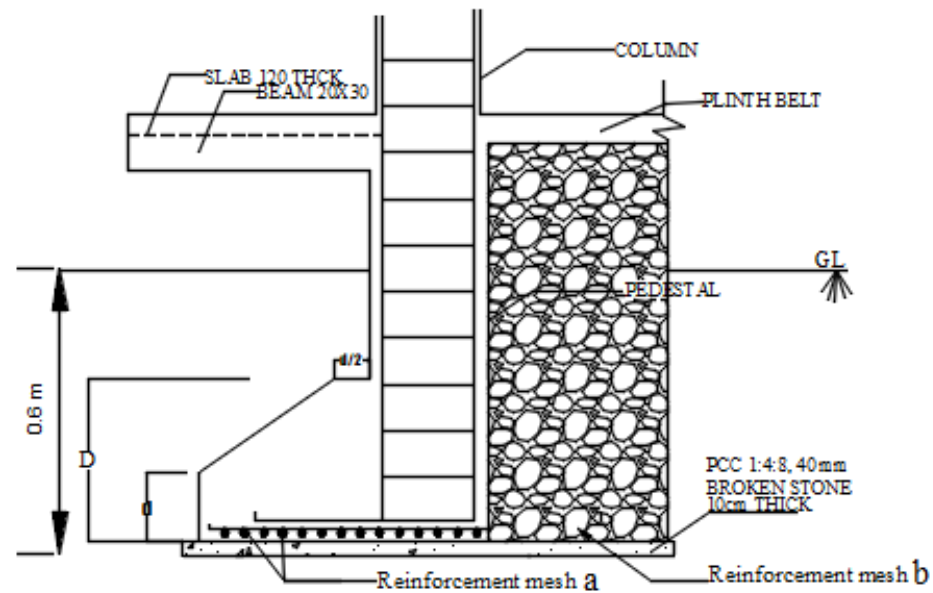


TIEING OF REINFORCEMENT
WITH STIRRUPS

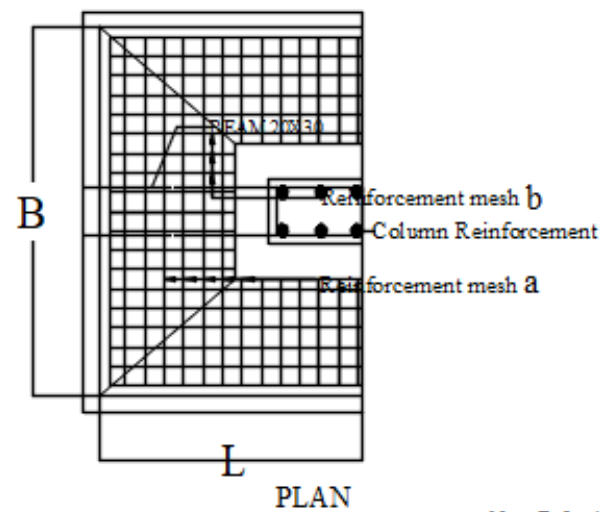


SHUTTERING FOR
CONCRETE CASTING





TYPICAL SECTION OF EXENTRIC FOOTING WITH RUBBLE FOUNDATION



Note: Refer the footing details attached

TYPICAL FOOTING DETAILS(F1)





GREASED
SURFACE FOR
CASTING



BINDING WIRE



NO:	THICK CMS	SLAB TYPE	STEEL DETAILS- X DIRECTION	STEEL DETAILS- Y DIRECTION	REINFORCEMENT TYPE
S1	12.0	NORMAL SLAB	# 10 @ 15	# 10 @ 15	DOUBLE LAYER

CURING

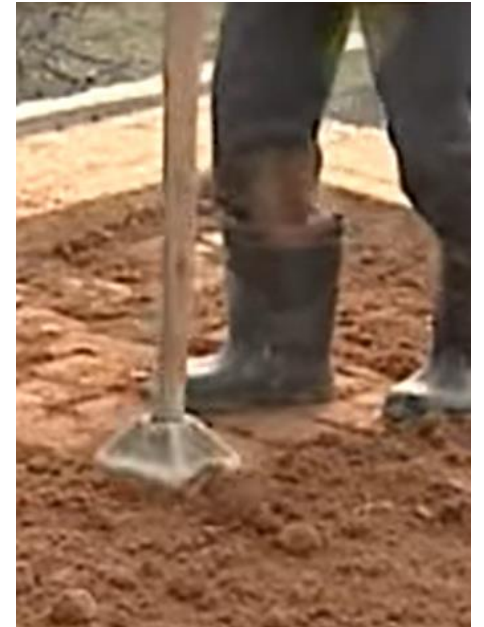


SITE IS LEFT FOR 15DAYS ,FOR
CURING OF CASTED CONCRETE
BEFORE DESHUTTERING AND
REMOVAL OF SUPPORTS



BACK & PLINTH FILLING

FILLING THE TRENCHES WITH QUALITY EARTH AVAILABLE MATERIAL (WHICH ARE FREE FROM LUMPS,ROOTS,VEGETATION,HARMFULL CHEMICAL) THEN THE SOIL WAS CONSOLIDATING BY RAMMING, ON EVERY 250MM THICK LAYER NOT EXCEEDING THIS IT SHALL BE WATERED AND WELL COMPACTED BY RAMMERS TO ACHIEVE MAXIMUM CONSOLIDATION.

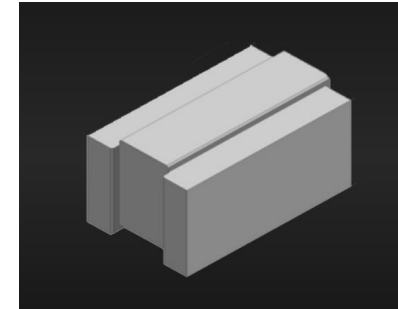


**RAMMING
PROCESS BY HAND**



STARTING COURSE

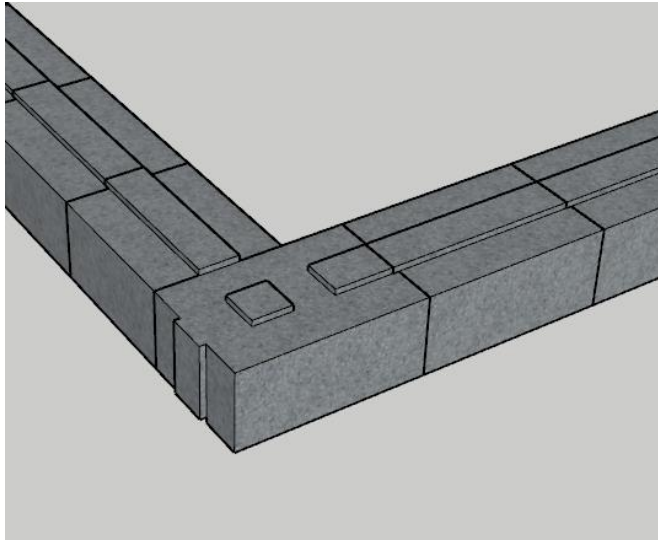
INTERLOCKING BRICK



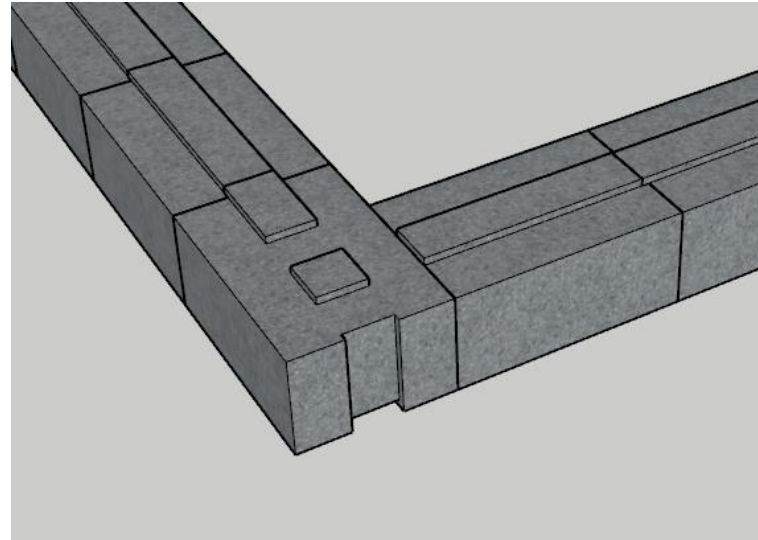
BRICK ARE ARRANGED AT CORNERS THEN MARKING IS DONE WITH THREAD TO ALIGNING THE MASONRY WALL WHICH GOING TO BUILT UP,15MM MORTAR THICKNESS BED IS LAID ON THE MARKED AREA THEN BRICKS ARE PLACED OVER THAT ,AFTER PLACING FIRST COURSE EVERYTHING IS LEVELED USING ALUMINIUM PLANK, ALSO BY CHECKING WITH WATER LEVEL(HORIZONTAL ALLINGMENT) AND PLUMBING BOB(VERTICAL ALLINGMENT)

Size of per brick:
300mmx200mmx130
mm
Weight of per
brick:15KG

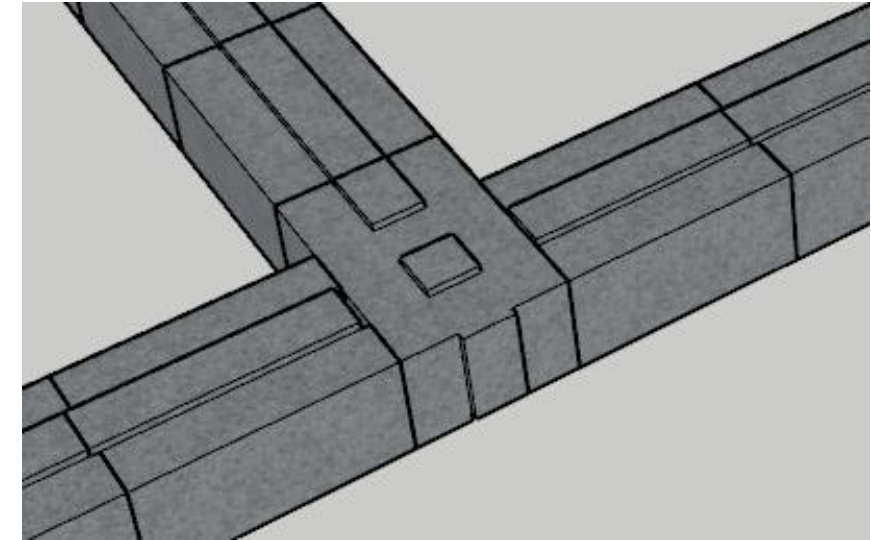




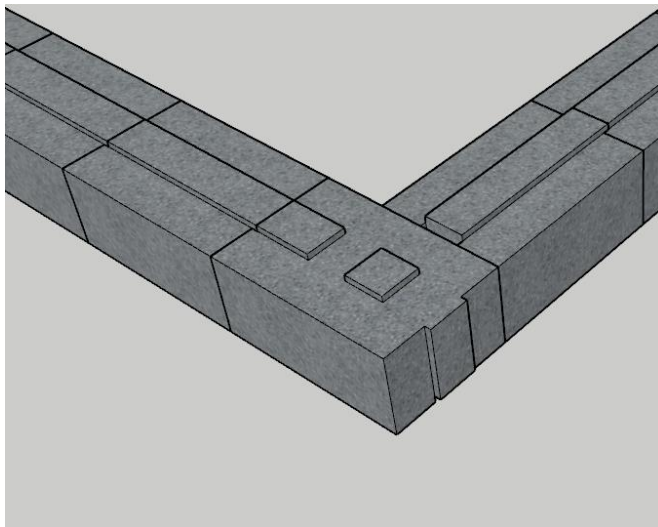
L-Joint ODD COURSE(type 1)



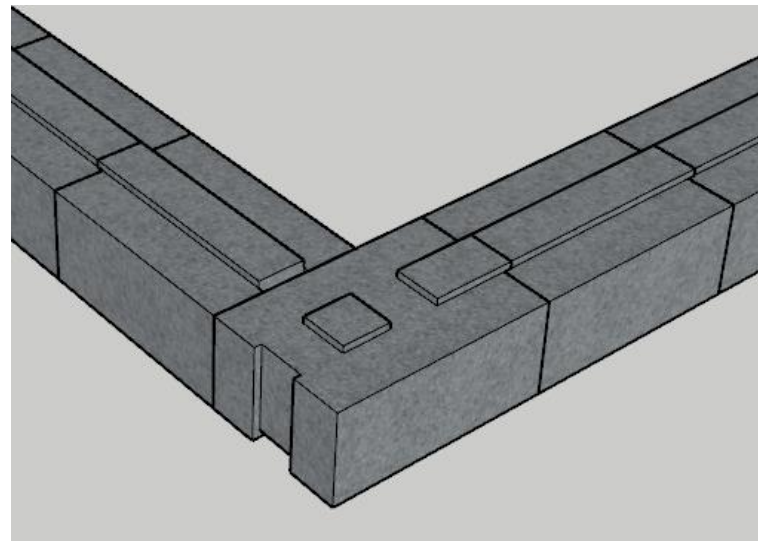
L-Joint ODD COURSE(type 2)



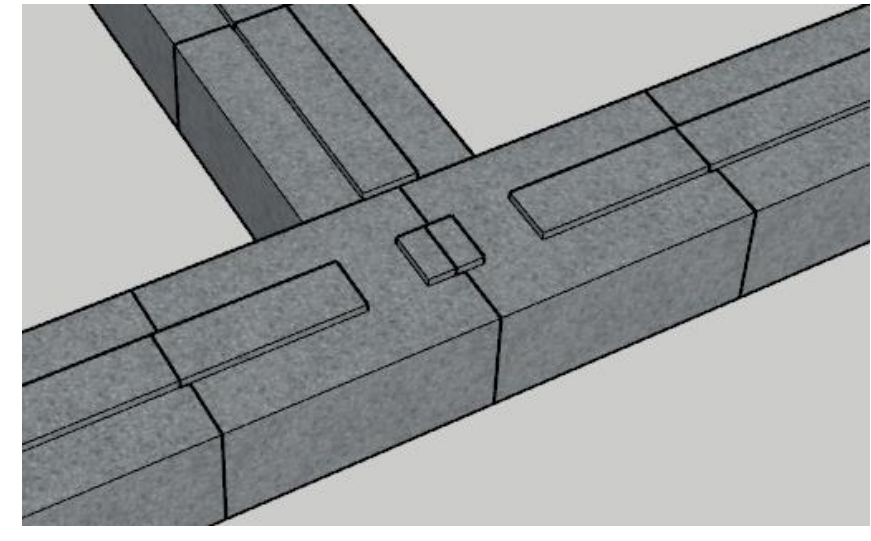
T-Joint ODD COURSE



L-Joint EVEN COURSE(type 1)



L-Joint EVEN COURSE(type 2)



T-Joint EVEN COURSE

WALL RISING & ROUGH FLOORING



CEMENT

+



DUST

+



40mm
Aggregate



M 7.5

MIX RATIO
1:4:8

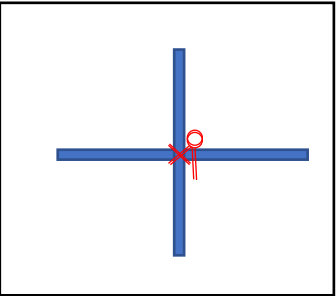
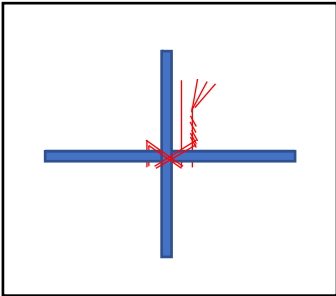
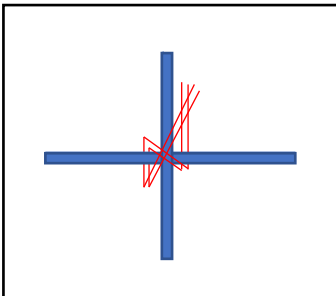
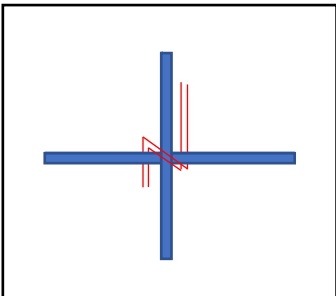
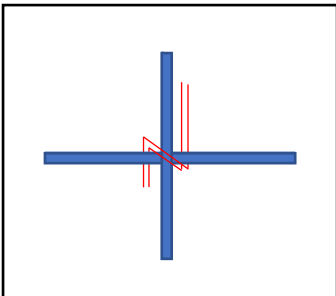
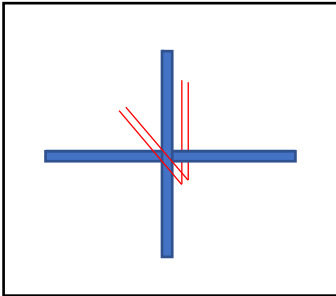
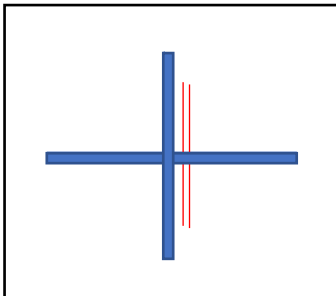


P.C.C-PLAIN CEMENT
CONCRETE

TIEING OF REBARS FOR LINTEL BEAM



BOTTOM MAIN RODS IS 16MM
AND TOP MAIN RODS IS 12 MM
SIZE OF STIRRUPS IS 6MM
TO BIND MAIN RODS AND
STIRRUPS BINDING WIRE IS USED



CONCRETE CASTING FOR LINTEL BEAM



SHUTTERING FOR LINTEL
AT LARGE OPENINGS
WITH SUPPORTED BY
CASURINA POLES



SHUTTERING FOR LINTEL
ON DOOR OPENINGS



SHUTTERING FOR
LINTEL BEAM ON
WALLS



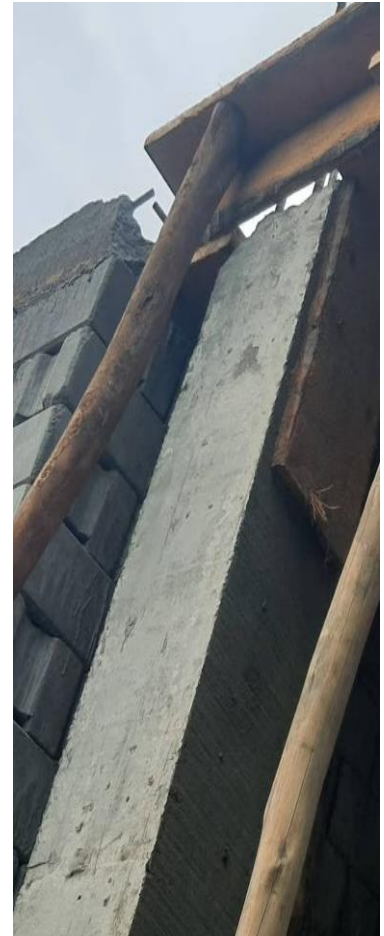
STAIRCASE CONSTRUCTION:

LOAD BEARING
COLUMN

M25(1:1:2)



M25 grade concrete mix ratio is used for column to carry more load

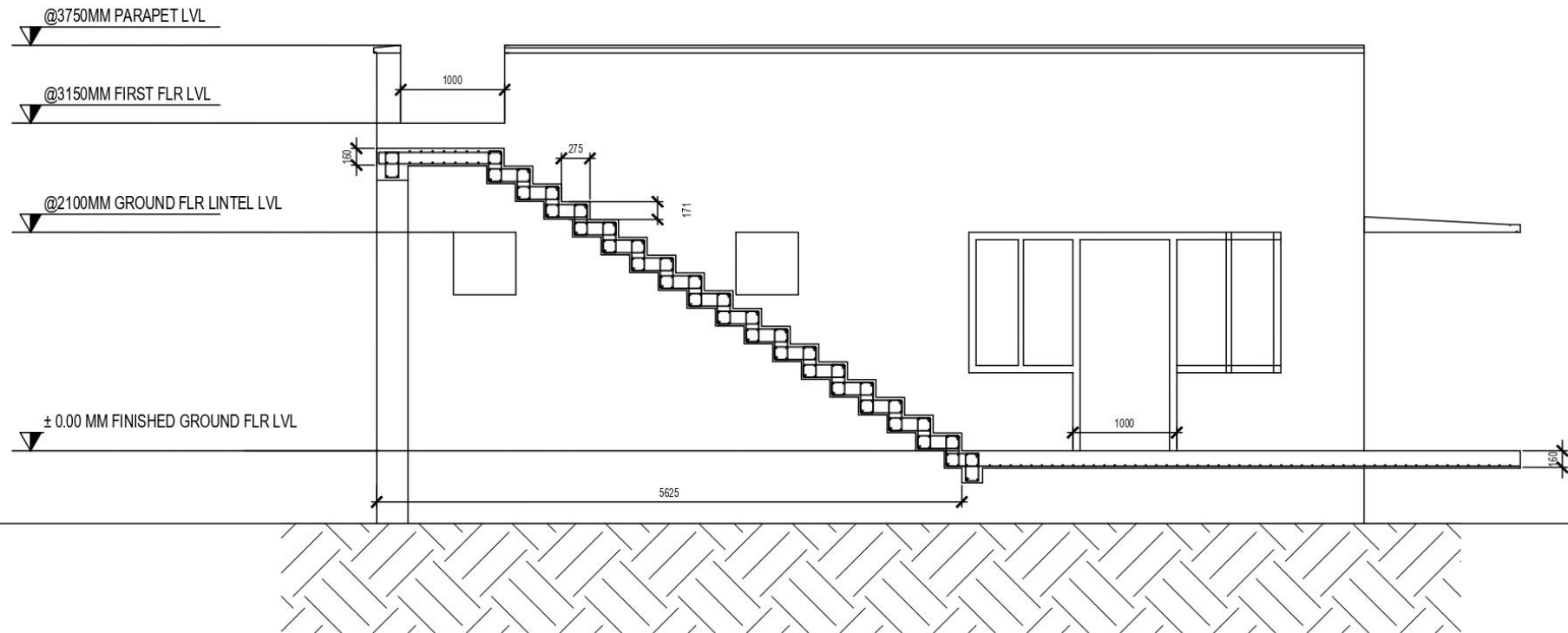
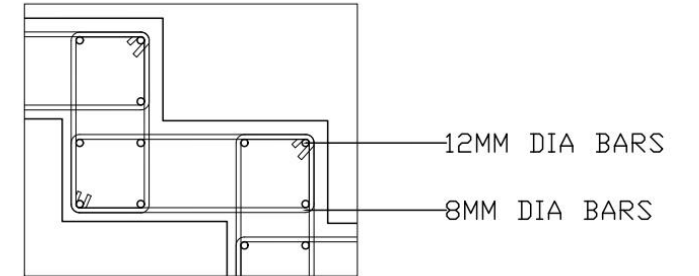


STAIRCASE WAS MARKED
ON WALL SURFACE USING
SPIRIT LEVEL AND
PLUMBING BOB



$$\text{NO OF STEPS} = \frac{\text{HEIGHT OF FLOOR}}{\text{HEIGHT OF RISER}}$$

Riser =171mm
Tread=275mm

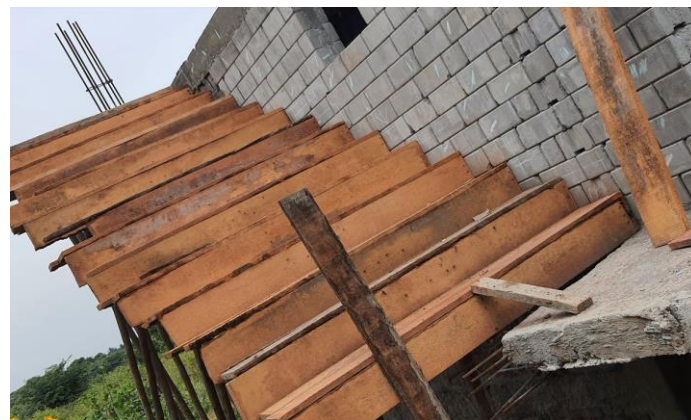


1 STAIRCASE SECTION SHOWING WALL ELEVATION

A00-00

	CLIENT	ARCHITECTS	PROJECT TITLE	DRAWING TITLE	SFI PROJECT NO : 001 -A-L-103-A2-1			
	MS.SUNITHA	 SF INFRA Sanctity Ferme, Chembaltradi Rd, Kodiga Timmanapalli , Tamilnadu 635117	PLOT - 103 RESIDENCE	STAIRCASE SECTION SHOWING WALL ELEVATION	DWG. NO.	001	REV.	R1
	Address line				ARCHITECT Ar.Ragav			
	Address line		CHECKED BY Ar.Ragav					
	Tel :		DRAWN BY Sudervel					
	Fax :		This drawing is copyright and may not be copied without prior written consent. The contractor shall verify all dimensions on site before commencing any work or shop drawing. Any discrepancies occurring in this drawing must be referred to the Architect before the commencement of any work.					
www.								

CENTERING FOR STAIRCASE



Coconut Tree Planks Are Used For Centering

Plywood's Are Placed Over Centering To Get Neat Finish While Casting



Casuarina Poles Are Used For Scaffolding And Supports



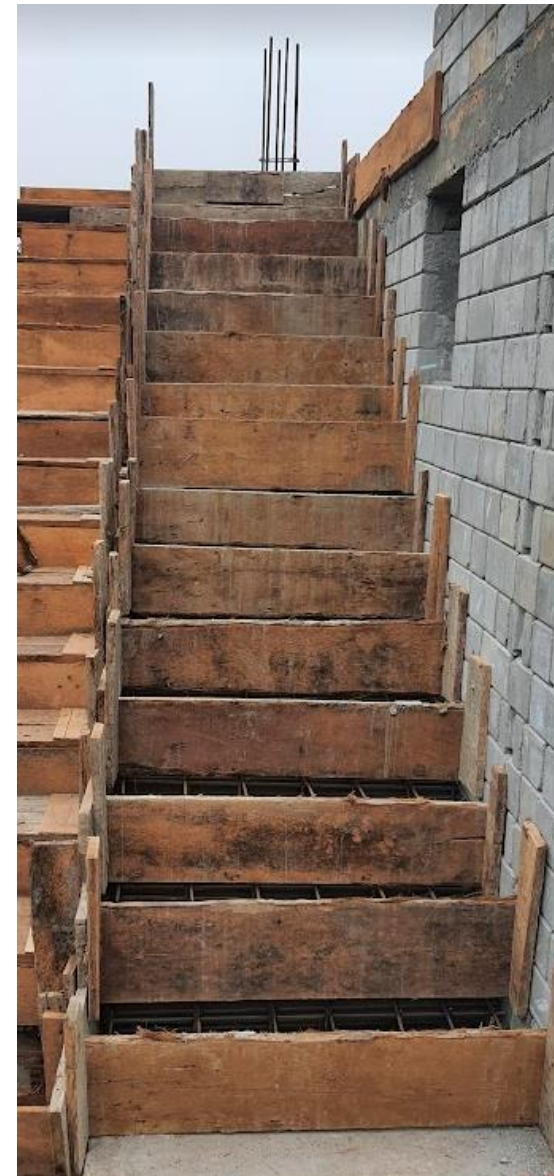
8mm TMT Rod Is Bended To Make Module



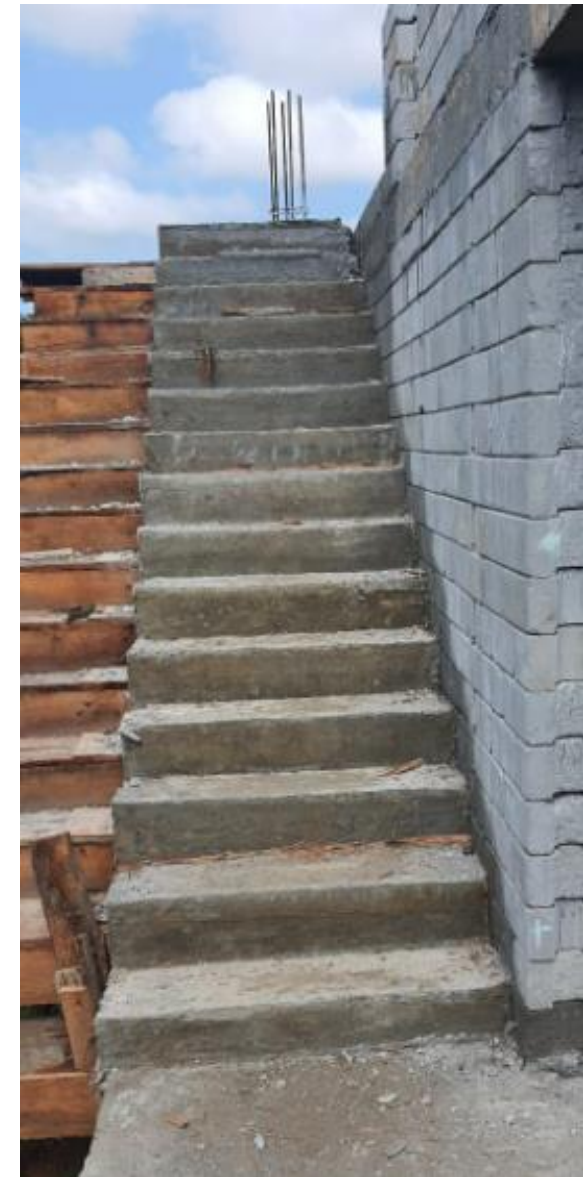
Placement Of Tension Rods In Each Staircase To Avoid Bending Due To Compression



Tieing Of Reinforcement For Stairs



Shuttering For Tread And Riser After Reinforcement For Concrete Casting



Deshuttering After Curing Of Concrete Casting By Ponding Method

MASONRY ABOVE LINTEL BEAM:



MASONRY COURSE START BY
CONSTANT CHECKING OF
HORIZONTAL AND VERTICAL
LEVEL OF WALL SURFACE
WITH WATER LEVEL TUBE
AND PLUMBING BOB

FLAT ROOFING CONSTRUCTION:



SUPPORTING/
CENTERING



AFTER CONCRETE CASTING
SLAB LEFT FOR CURING BY
PONDING

M20 GRADE CONCRETE IS USED FOR SLAB CASTING



ONE WAY SLAB

M20(1:1.5:3)

ASHA PLOT-27&28

FORMATION OF PLINTH LEVEL



- ➊ DESHUTTERING PEDESTAL COLUMN
- ➋ PCC SCREED IN LAID ON 1.5 FEET WIDE DIG
- ➌ SIZED STONE MASONRY IS HAPPENED BY CONNECTING PEDESTAL COLUMNS ON TOP OF PCC SCREED
- ➍ TIEING OF PLINTH BEAM
- ➎ CASTING OF PLINTH BEAM
- ➏ AFTER CASTING OF PLINTH BEAM ,FILLING OF DEBRIS AND COMPACTION OF SOIL IS HAPPENED
- ➐ PCC IS LAID FOR ROUGH FLOORING

MAKING OF CSEB BRICKS & MASONRY WALL CONSTRUCTION

CSEB- Compressed Stabilized Earth Blocks



THE RATIO HERE USED IS 1:2:10



AFTER BRICKS WERE MADE CURING IS DONE FOR 15 DAYS



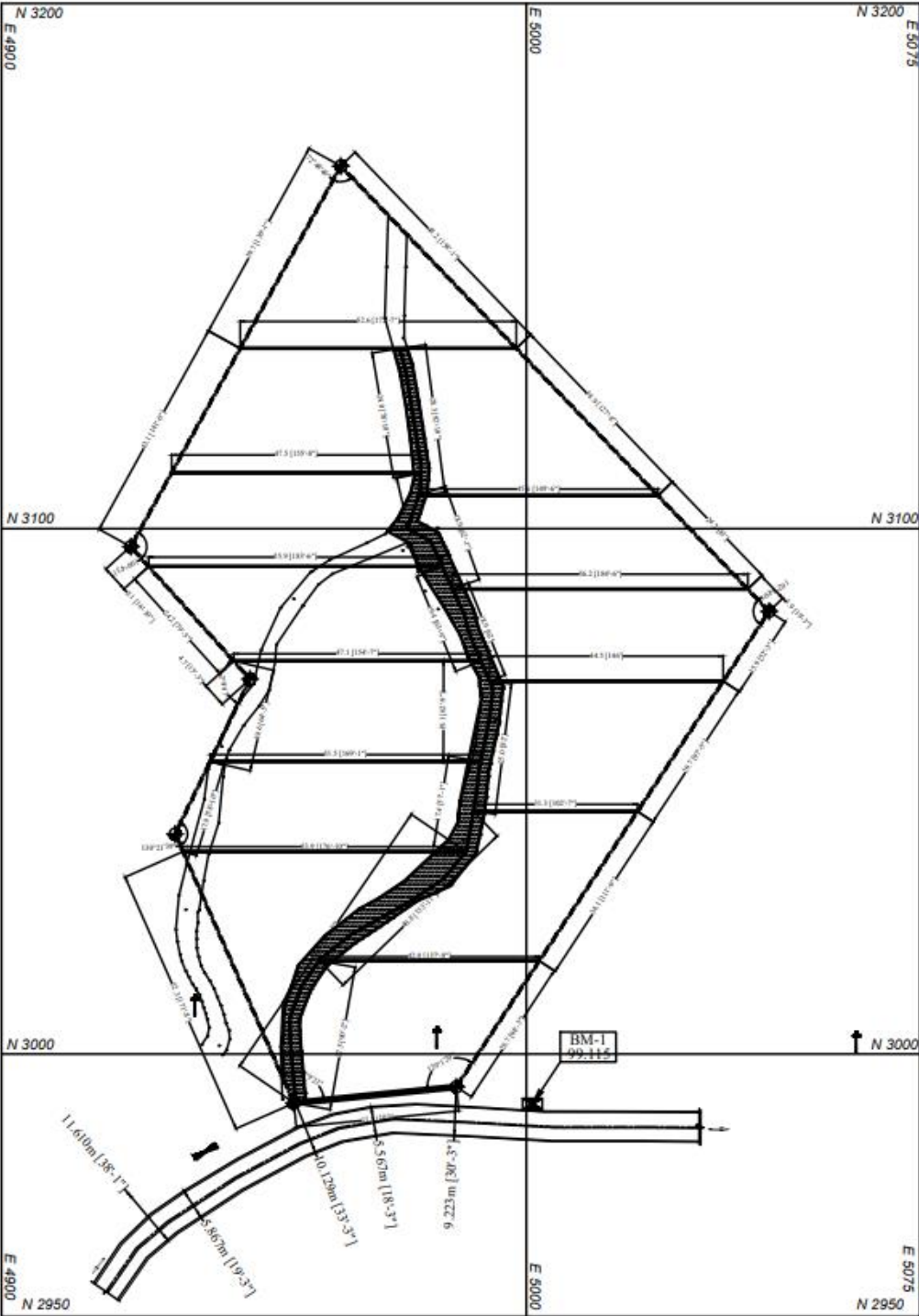
**BINDING
MORTAR MIX
(1:1.5:3)**

1 PARTS OF CEMENT
1.5 PARTS OF MSAND
3 PARTS OF SEIVED SOIL



MUD
MIXTURE
FOR
BINDING
BRICK
MASONRY

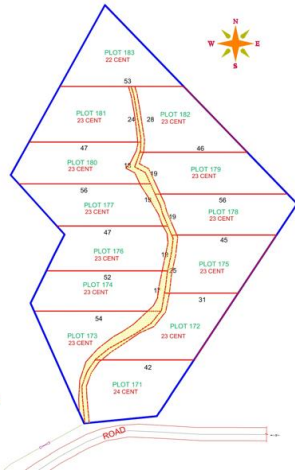
LAND SURVEY



North:-



Scale:- 1:1000 (1Cm = 10.0M)



Notes:-

1.All Dimension & levels are in metres.
2.A Bench mark Has been established on Site as shown and Assigning it to a Road +TBM-1 (99.115) arbitrarily.

LEGEND:-

TBM, Vertex	
Electrical Pole, Drain, Gate	
Asphalted Road, Road Boundary	
Compound Wall, Fence, Wall	
Hamade, Nala	
Boundary Stone	
Neem Tree, Others Tree	
Boundary, Bottom Level	
Spot Level, Contour, Road Level	

AREA STATEMENT:-

Area =12099.44 Sqmt / 130237.26 Sqft
Acres=2 Guntas=39.59



SURVEYING
INSTRUMENT WITH
ALUMINUM TRIPOD

BENCHMARK

MEASURING
THE LEVELS ON
CONTOUR SITE
AND MARK
PLOT
BOUNDARYS.

POURED EARTH CONSTRUCTION



POURED EARTH IS A TECHNIQUE OF EARTH BUILDING THAT USES STABILIZED EARTH IN LIQUID FORM, WHICH IS THEN POURED INTO MOULDS TO CREATE DURABLE EARTHEN WALLS. WHILE POURING VIBRATE IS DONE TO AVOID FORMATION OF AIR POKETS.



MIX RATIO
1:15:15:15:15
1 BAG OF CEMENT
15 BOND OF M-SAND
15 BOND OF AGGREGATE
15 BOND OF SEIVED SOIL
15 BOND OF UNSEIVED SOIL



PLYWOOD IS USED TO CREATE MOULDS DUE TO ITS FLEXIBLE NATURE, EARTH MIXTURE IS POURED AS LAYERS EACH LAYER IS 45 CM , EVERY 45 CM POURED EARTH WALL IS LET TO DRY BEFORE STARTING NEXT LAYER

CRITICAL OVERVIEW:

My time at THE SFINFRA was wonderful and really productive. Being a part of their firm and working with their team was a privilege for me. I have discovered a lot of new knowledge through this internship opportunity. I got to understand the project's practical knowledge, the firm's management, and how activities are coordinated amongst several divisions. I had the opportunity to learn many new things by working with other professionals. Additionally, I developed different perspectives on design while working on various projects.