



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 **APARNA V** who had undergone training in **SHASHI PRABHU & ASSOCIATES** and has been monitored by the continuous assessment during JUNE 2022 to OCTOBER 2022.

A handwritten signature in green ink, likely belonging to Dr. Devyani Gangopadhyay.

Dr. Devyani Gangopadhyay
DEAN



Submitted for Viva voce Examination held on _____

A handwritten signature in blue ink, likely belonging to the Internal Examiner.

Internal Examiner

A handwritten signature in black ink, likely belonging to the External Examiner.

External Examiner

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DECLARATION

I, **APARNA.V**, by declaring that the Training Report **JUNE 2022 to OCTOBER 2022** done by me under the guidance of **Ar. SHASHI PRABHU** is submitted in partial fulfillment of the requirements for the completion of a practical training session.

DATE : 13.12.2022

PLACE : Chennai



SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

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

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

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

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

Wankhede Stadium, Block A2 and B1, North Stand, D Road, Churchgate, Mumbai - 400 020
Tel: (022) 6619 9999 Fax: (022) 6619 9900 E-mail: mail@spaaec.com Website: www.spaaec.com

**SHASHI
PRABHU
AND
ASSOCIATES**

ARCHITECTS, INTERIOR DESIGNERS AND PROJECT MANAGEMENT CONSULTANTS

June 7, 2022

Aparna V.
Mumbai

Sub: Confirmation Letter

We are pleased to inform, that you have been confirmed as an "INTERN" in our firm. Internship tenure is tentatively from June 01, 2022 as a part of the compulsory 90 working days practical training. We welcome you to **SHASHI PRABHU & ASSOCIATES** & hope it would be the beginning of a long & mutually beneficial association.

You are requested to carry your laptop with you.

Thanking you,

For **SHASHI PRABHU & ASSOCIATES**


SHASHI PRABHU




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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

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

1. Name of the office / organization : Shashi Prabhu and Associates
2. Address & Contact Number : Wankhede Stadium, North Stand
Mumbai - 400020 Tel: 022-66199999
3. Name of the student : Aparna V.
4. Duration : From 01.06.2022 To 30.06.2022
5. Total No. of days : 22

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

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

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


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(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 : Shashi Prabhu & Associates
2. Address & Contact Number : Wankhede Stadium, North Stand
Mumbai - 400020 Tel: 022-66199999
3. Name of the student : Aparna V.
4. Duration : From 01.07.2022 To 31.07.2022
5. Total No. of days : 21

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

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

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


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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 : Shashi Prabhu & Associates
2. Address & Contact Number : Wankhede Stadium, North Stand
Churchgate, Mumbai, 400020
3. Name of the student : Aparna V.
4. Duration : From 01/08/2022 To 31/08/2022
5. Total No. of days : 21

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*	A				

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


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7. Any other Remarks : Good at understanding the process and delivering drawing.

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


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7. Any other Remarks :

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


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7. Any other Remarks : She is a quick learner and she understands the construction details very well. Also sincere and hardworking person.

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

Anup Panchal
Contact: 8898879224.

DATE	PROJECT NAME	WORK
Wednesday, June 1, 2022	Manora Hostel(7 Star Hotel) Bhagwati Multi-Speciality Hospital and Bhandup Multi-Speciality Hospital	Looked Through Their Plans, Sections and Elevations to understand the Working Drawings of the Projects
Thursday, June 2, 2022	Bhagwati Multi-Speciality Hospital	Worked on the Changes that has been Incorporated in the Section that is to Give out a Shaft Opening in the Roof Top
Friday, June 3, 2022	Bhagwati Multi-Speciality Hospital	Finished The Changes And the Section And made Changes to Section Again and Attended a Vendor's Presentation on Fire Retardant and Green Building Materials
Monday, June 6, 2022	Gazetted Office Rest Facility	Creating A Revit Architecture Model With Correction For Gazetted Office Rest Facility
Wednesday, June 8, 2022	Gazetted Office Rest Facility	Creating A Revit Architecture Model With Correction For Gazetted Office Rest Facility
Thursday, June 9, 2022	Gazetted Office Rest Facility	Creating A Revit Model With Correction For Gazetted Office Rest Facility
Friday, June 10, 2022	Gazetted Office Rest Facility	Creating Revit Architecture Model And Did Some AutoCAD Corrections in Plan
Monday, June 13, 2022	Gazetted Office Rest Facility	Created Structural Model With Slabs And Beams And Volume In Structural Layout Of Revit And Did Some PowerPoint Correction For Bhagwati Hospital
Tuesday, June 14, 2022	Gazetted Office Rest Facility	Created Structural Model With Slabs And Beams And Volume In Structural Layout Of Revit
Wednesday, June 15, 2022	Gazetted Office Rest Facility	Created Structural Model With Slabs And Beams And Volume In Structural Layout Of Revit
Thursday, June 16, 2022	Gazetted Office Rest Facility	Finished Structural Model With Slabs And Beams And Volume In Structural Layout Of Revit
Friday, June 17, 2022	Govandi Multi-Speciality Hospital	Doing Correction On AutoCAD Plan And Started Research On Multi- Generational Playground Parks
Monday, June 20, 2022	Play Ground In Bale Wadi	Did Research and Case Studies Of Multi-Generational Play Ground Parks Around The World
Tuesday, June 21, 2022	Play Ground In Bale Wadi	Did Case Studies Of Multi-Generational Play Ground Parks Around The World .And AutoCAD Work On Manora
Wednesday, June 22, 2022	Play Ground In Bale Wadi	Did Presentation And Started Design Process and Zoning For The Play Ground And Did Some Excel Sheet Work For The Transportation Cost Of Material From Africa To Rwanda in Rwanda Project
Thursday, June 23, 2022	Play Ground In Bale Wadi	Started drafting the plan in AutoCAD and revised the zoning again
Friday, June 24, 2022	Play Ground In Bale Wadi	Finished drafting the plan for one part of the site plan and started photoshop render of the plan. Started a Sketchup model and rendered in Lumion and edited it in photoshop
Monday, June 27, 2022	Play Ground In Bale Wadi	Changed The Zoning A Little And Did 5 Illustrations Of The Multi Generation Park
Tuesday, June 28, 2022	Play Ground In Bale Wadi	Cleaned The AutoCAD Plan On The Master Plan Of Bale Wadi And Put Trees And Tried Rendering It
Wednesday, June 29, 2022	Multi Generational Park For Bale Wadi In Pune	Changing The Zoning For The Acre Land And Doing The Zoning For The Other 3.4 Acre Of Land ...Did Some Excel Work For The Financial Bid For Proposal
Thursday, June 30, 2022	Multi Generational Park For Bale Wadi In Pune	Finished the design process for the bale wadi plot and finalized it and combined it in a presentation
Friday, July 1, 2022	Multi Speciality Hospitals Started Research About It	Found The Design Guidelines And 2 Projects To Do Case Study ...Will Do Ppt For The Case Studies And Design Guidelines In The Future
Monday, July 4, 2022	Bale Wadi Hostel Area And Sports Arena And Bhandup Multi-Speciality Hospital	Did Ppt And AutoCAD Work On Bale Wadi On Bhandup Worked On The Door And Window Schedule On AutoCAD
Tuesday, July 5, 2022	Multi Speciality Hospitals	Did 3 Case Studies On Multi Speciality Hospitals
Wednesday, July 6, 2022	Multi Speciality Hospitals	Did Design Guidelines Of Multi Speciality Hospitals
Thursday, July 7, 2022	Rwanda Project	Did Photoshop Correction On Structural Drawing Map Drawings And Floor Plans
Friday, July 8, 2022	Revit /Bhandup Multi-Speciality Hospital	Attended A Conference Meeting On Revit Family And Did AutoCAD Work On All Floors- Column Tag ,Shaft Change, Wall Hatch Stair Numbering, Sunk Hatch ,Changing Dimensions ,Lmr Room
Monday, July 11, 2022	Rwanda Project	Did Photoshop Correction On Structural Drawing Map Drawings And Floor Plans
Tuesday, July 12, 2022	Bhandup Hospital ____Staff Quarters	AutoCAD Work.....Changed Hatch for Wall For Shaft In The Terrace Columns And Column Naming And Put Door And Window Schedule
Wednesday, July 13, 2022	Bhandup Multi-Speciality Hospital	AutoCAD WorkColumn Layout Change For The Basement Floor
Thursday, July 14, 2022	Bhandup Multi-Speciality Hospital ____Staff Quarters	AutoCAD WorkSection...Slab And Beam Change And Hatch Change And Levels Were Updated
Friday, July 15, 2022	Bhandup Multi-Speciality Hospital ____Staff Quarters	AutoCAD WorkChanging The Walls From 230 To 200 And Wall Hatch And Putting Window And Door Schedule
Monday, July 18, 2022	Bhandup Multi-Speciality Hospital ____Staff Quarters	AutoCAD Work Changing The Column Layout Of The Plans
Tuesday, July 19, 2022	Bhandup Multi-Speciality Hospital ____Staff Quarters	AutoCAD Work Changing The Walls To Poly Line And Checked If All Walls Are 200
Wednesday, July 20, 2022	Mrstc Transportation With 13 Sites	Creating A Brochure
Thursday, July 21, 2022	Mrstc Transportation With 13 Sites,Balewadi Master Plan Existing	Creating A Brochure ,Cleaning The Existing Bale Wadi AutoCAD Master Plan And Creating A Sketchup Model
Friday, July 22, 2022	Bale Wadi Master Plan Existing	Created The Basic Sketchup Model With Building Green Spaces Roads Pathways And 3D Arenas
Monday, July 25, 2022	Bale Wadi Master Plan Proposed	Cleaning The Proposed Bale Wadi AutoCAD Master Plan And Creating A Sketchup Model
Tuesday, July 26, 2022	Bale Wadi Master Plan Proposed ,Revit Families	Created The Basic Sketchup Model With Building Green Spaces Roads Pathways And 3D Arenas
Wednesday, July 27, 2022	Revit Families ,Mrtc Brochure,Elevations Of Bhagwati Multi-Speciality Hospital	Did A Revit Family Of Doors With Metal Door With A Single Pane Of Glass And Wooden With Bund Wall ,In The Elevations Of Bhagwati Put Grooves In Part A Elevation .Again Revised And Made Changes To Layout Of The Brochure Off Mrtc
Thursday, July 28, 2022	Govandi Multi-Speciality Hospital	Created Mild Steel Staircase On The Terrace On 2 Plans ,2 Sections And Created Elevations

Wednesday, July 27, 2022	Speciality Hospital	Bund Wall ,In The Elevations Of Bhagwati Put Grooves In Part A Elevation .Again Revised And Made Changes To Layout Of The Brochure Off Mrtc
Thursday, July 28, 2022	Govandi Multi-Speciality Hospital	Created Mild Steel Staircase On The Terrace On 2 Plans ,2 Sections And Created Elevations
Friday, July 29, 2022	Govandi Multi-Speciality Hospital	Created Mild Steel Staircase On The Terrace On 2 Plans ,2 Sections And Created Elevations
Monday, August 1, 2022	Mrstc Transportation With 13 Sites, Nashik Mahamarg Bus Port	Worked On The Layout Of The Brochure,Cleaning The AutoCAD Plan For Photoshop Render
Tuesday, August 2, 2022	Mrstc Transportation With 13 Sites, Nashik Mahamarg Bus Port	Rendered the master plan with some changes left
Wednesday, August 3, 2022	Revit Families for Bhandup Multi-Speciality Hospital	Revit door families for Bhandup -9 doors
Thursday, August 4, 2022	Revit Families for Bhandup Multi-Speciality Hospital	Revit door families for Bhandup -14 doors
Friday, August 5, 2022	Revit Families for Bhandup Multi-Speciality Hospital	Revit door families for Bhandup -14 doors
Monday, August 8, 2022	Bhandup Multi Speciality Hospital	Did Revit Correction of the Architecture and Structural Model
Tuesday, August 9, 2022	Bhandup Multi-Speciality Hospital ____Staff Quarters	Did Revit Correction of the Architecture and Structural Model
Wednesday, August 10, 2022	Bhandup Multi-Speciality Hospital ____Staff Quarters	Did Revit Correction of the Architecture and Structural Model
Thursday, August 11, 2022	Gazetted Office Rest Facility	did some correction in the Revit model and did corrections in the structural model
Friday, August 12, 2022	Gazetted Office Rest Facility ,Bhagwati Multi-Speciality Hospital	did some correction in the model, did the AutoCAD roof plan for the Lift Machine Room and staircase room (mummy roof)
Tuesday, August 16, 2022	Bhagwati Multi-Speciality Hospital ,Nashik Bus Stop	Finished the Photoshop Render With Changes and Bhagwati Hospital ...Put A new Section E to show the wooden Louvers
Wednesday, August 17, 2022	Bhagwati Multi-Speciality Hospital ,Nashik Bus Stop	Finished the Photoshop Render With Changes and Bhagwati Hospital ...Put A new Section E to show the wooden Louvers
Thursday, August 18, 2022	Bhagwati Multi-Speciality Hospital ,Nashik Bus Stop	Finished the Photoshop Render With Changes and Bhagwati Hospital ...Put A new Section E to show the wooden Louvers
Friday, August 19, 2022	Ajini Railway Station	Rasterize master plan
Monday, August 22, 2022	Ajini Railway Station	architecture model and datum file
Tuesday, August 23, 2022	Bhagwati Multi-Speciality Hospital	grooves in elevation ,and attended a Revit lecture on nested family
Wednesday, August 24, 2022	Bhagwati Multi-Speciality Hospital ,Ajini Railway Station	groove details in elevation, searched all the required families for the architecture model
Thursday, August 25, 2022	Bhagwati Multi-Speciality Hospital	groove details in elevation
Friday, August 26, 2022	Bhagwati Multi-Speciality Hospital	did the Lift Machine Room plan and Lift Machine Room roof plan and one section
Monday, August 29, 2022	Ajini Railway Station ,Bhagwati Multi-Speciality Hospital	area calculation ..did another section
Tuesday, August 30, 2022	Ajini Railway Station , Bhandup Multi-Speciality Hospital	area calculation ..did another section did minutes of meeting for Bhandup
Monday, September 5, 2022	Bhandup Multi-Speciality Hospital	worked in the Revit model and made some correction
Tuesday, September 6, 2022	Bhagwati Multi-Speciality Hospital	MADE SOME CORRECTIONS IN THE ELEVATION FROM A TO N ELEVATIONS
Wednesday, September 7, 2022	Revit and Bhagwati Multi-Speciality Hospital	attended A SEMINAR ON REVIT NESTED FAMILIES AND BIM 360 MADE SOME CORRECTIONS IN THE ELEVATION FROM A TO N ELEVATIONS
Thursday, September 8, 2022	Site Visit to Garware Club	went to garware club for site visit with landscape architect Ayushi Shah
Friday, September 9, 2022	Bhagwati Multi-Speciality Hospital	started putting grooves in five more elevations of Bhagwati
Monday, September 12, 2022	Bhagwati Multi-Speciality Hospital	finished putting grooves
Tuesday, September 13, 2022	Bhagwati Multi-Speciality Hospital	did working drawings for the Under -Ground Water Tank i.e. is one ground floor plan 1 roof plan and 2 sections and 4 elevations
Wednesday, September 14, 2022	Bhagwati Multi-Speciality Hospital	manifold plans sections and elevations
Thursday, September 15, 2022	Bhagwati Multi-Speciality Hospital	took printouts of 95 print to send it to the site team and wrote transmittal and attended a vendors meeting
Friday, September 16, 2022	Bhagwati Multi-Speciality Hospital	site coordinates did in the site plan for manifold own and underground Water Tank
Monday, September 19, 2022	Bhagwati Multi-Speciality Hospital	did corrections on Under -Ground Water Tank in section plan and elevations
Tuesday, September 20, 2022	Bhagwati Multi-Speciality Hospital	did corrections on Under -Ground Water Tank in section plan and elevations and did a service floor detail putting granite framing
Wednesday, September 21, 2022	Bhagwati Multi-Speciality Hospital	did roof layout for panel room 1 and 2 for substation and did incorporation of slabs and beams and column according to the structural drawing given and rearranged all in a sheet and did corrections on sections according to the structural drawing in the beams and slab
Thursday, September 22, 2022	Govandi Multi-Speciality Hospital	did roof layout for panel room 1 and 2 for substation and did incorporation of slabs and beams and column according to the structural drawing given and rearranged all in a sheet and did corrections on sections according to the structural drawing in the beams and slab
Friday, September 23, 2022	Bhagwati Multi-Speciality Hospital	Incorporated the structural drawing of the manifold room and own in the architectural drawing with sheet layout
Monday, September 26, 2022	Bhagwati Multi-Speciality Hospital	Incorporated the structural drawing of the manifold room and own in the architectural drawing with sheet layout
Tuesday, September 27, 2022	Bhagwati Multi-Speciality Hospital	Site Visit
Wednesday, September 28, 2022	Bhagwati Multi-Speciality Hospital	did corrections on Under -Ground Water Tank in section plan and elevations and did a service floor detail putting granite framing
Thursday, September 29, 2022	Bhagwati Multi-Speciality Hospital	Incorporated the structural drawing of the manifold room and own in the architectural drawing with sheet layout
Friday, September 30, 2022	Bhagwati Multi-Speciality Hospital	Incorporated the structural drawing of the manifold room and own in the architectural drawing with sheet layout
Monday, October 3, 2022	Tata Cancer Care Centre	Worked on the zoning of First Floor and Second Floor
Tuesday, October 4, 2022	Bhandup Multi Speciality Hospital	Did changes according to the structural floor plan in the revit architectur model and structural model
Wednesday, October 5, 2022	Bhandup Multi Speciality Hospital	Did changes according to the structural floor plan in the revit architectur model and structural model
Thursday, October 6, 2022	Bhandup Multi Speciality Hospital	Did changes according to the structural floor plan in the revit architectur model and structural model

Wankhede Stadium, Block A2 and B1, North Stand, 'D' Road, Churchgate, Mumbai - 400 020.
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**SHASHI
PRABHU
AND
ASSOCIATES**

ARCHITECTS, INTERIOR DESIGNERS AND PROJECT MANAGEMENT CONSULTANTS

SPA/TC/12/2022-23

October 6, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Aparna Venkatesh a student of Architecture from Sathyabama institute of science and technology, Chennai; has successfully completed her Internship with our Architecture Firm for the scheduled duration of 90 days, starting 1st June 2022 to 6th October 2022.

During Internship she had been assigned to our Healthcare, Commercial & Public Architecture Teams, in capacity as Studio Support. The Team considers her as a sincere Intern, one who is willing to go that much distance to understand, absorb and apply the relevant requirements of the project work.

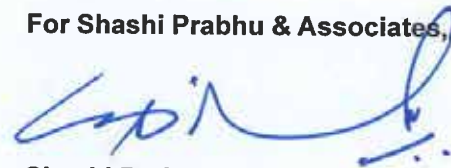
With the Team she has been an active member in many work deliverables, a salient few such as conversion of Design requirements into drawings, making architectural working drawings, making presentation drawings as and when required.

In this capacity the Team recognizes her efforts and appreciates her humble attitude and inclinations towards sincere work ethics.

On this note we at SPA offer our Best Wishes towards her future Professional journey and a very promising future,

Best regards,

For Shashi Prabhu & Associates,



Shashi Prabhu
[G.D Arch F.I.I.A, F.I.I.E]
Founder and senior partner



C O N T E N T S



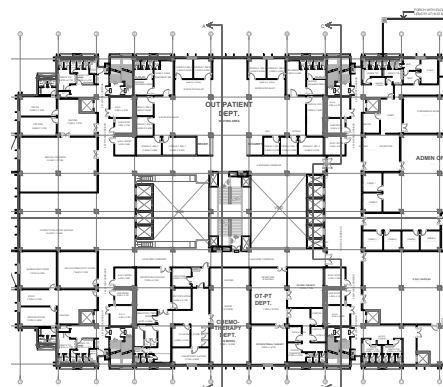
Bhagwati
Multi-Speciality Hospital



Multi Generational
Park



Gazetted Office Rest
Facility



Bhandup
Multi-Speciality Hospital



Govandi
Multi-Speciality Hospital



Nashik Mahamarg Bus
Port



ABOUT THE FIRM

Shashi Prabhu & Associates is a design firm, headquartered in Mumbai, with Seven other office locations including UAE and Africa. Our company was founded in 1967 by Ar. Shashi Prabhu as a small proprietor firm and today, after 50 years, we have grown into a large multi-disciplinary partnership organization offering a host of services to our clients such as Master Planning, Architectural Design, Interior Design, MEP & Structural Design, Value Engineering, Estimating, Quantity Survey and related Project Management Services, all under one roof.

Our Vision

Our primary goal has always been to create high quality sustainable assets which meet the strategic business and financial objectives of our clients.

Our Values

At Shashi Prabhu & Associates, all our endeavours are driven by our core values that reflect in our designs and work as well. Through excellence, integrity, continuous improvement and commitment to technology, we strive to deliver client-driven and people-centric solutions, which will stand the test of time.



SHASHI PRABHU
Founder & Sr. Partner



ATUL PRABHU
Sr. Partner



AMOL PRABHU
Sr. Partner

BHAGWATI MULTI-SPECIALITY HOSPITAL

PROJECT TYPE : HEALTHCARE

LOCATION: BORIVALI ,MUMBAI

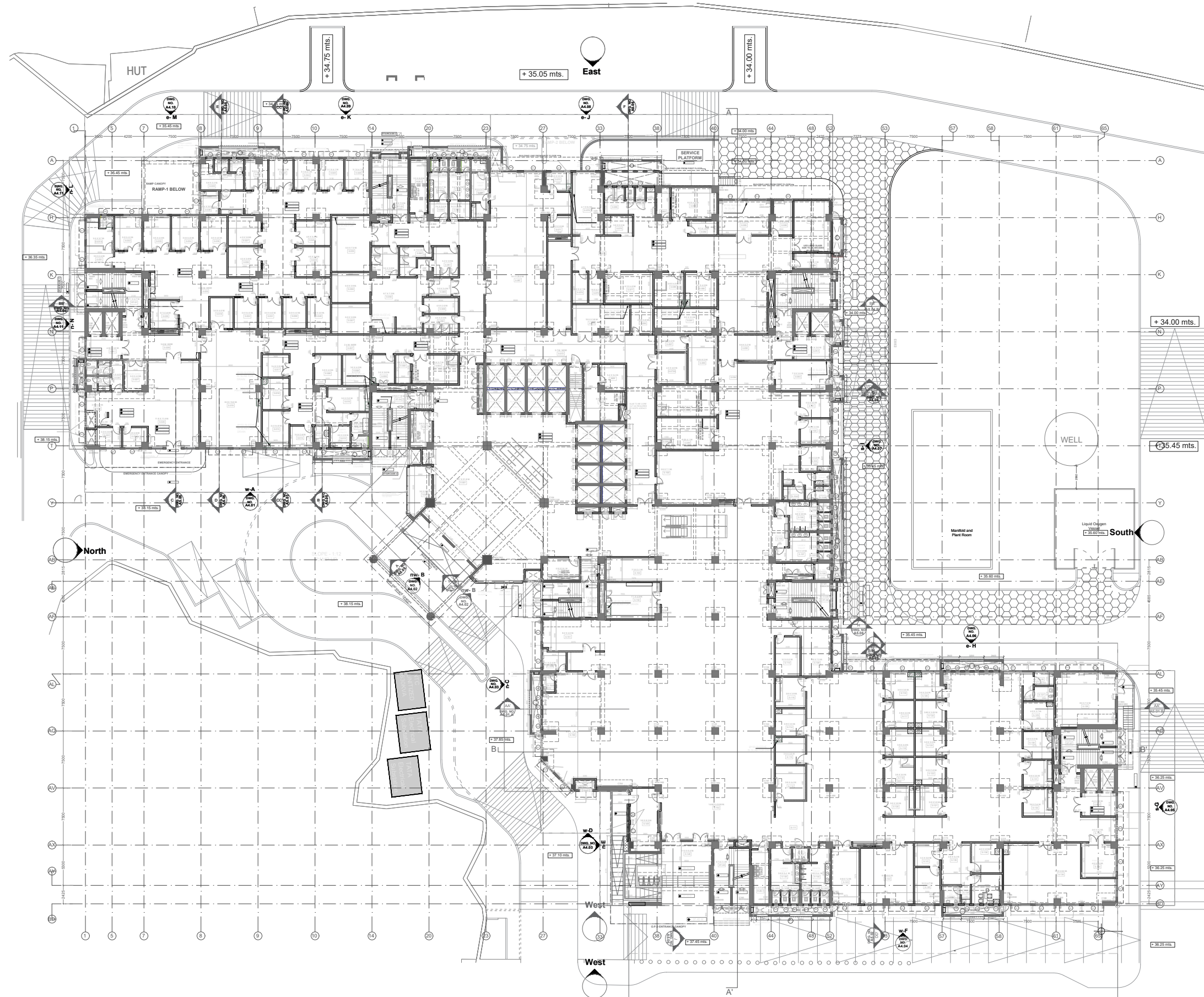
PROJECT STATUS: WORK IN PROGRESS

M.C.G.M. has proposed to construct a 490 beds general Hospital in the campus of present Hospital, for needy population of Western suburb of Mumbai. The proposed Hospital of about 58093.10 sq. m. (about 625314 sq. ft.) total built-up area, has an independent main entrance on the west from main 18.0 Mt wide Mandapeshwar Road. It is also connected with the adjacent existing Nurse Training center (NTC) & other support facilities by internal roads, for the convenience of patients & staff. The main aim of planning is to provide a functional, user friendly, cost effective design, a structure with low maintenance cost.

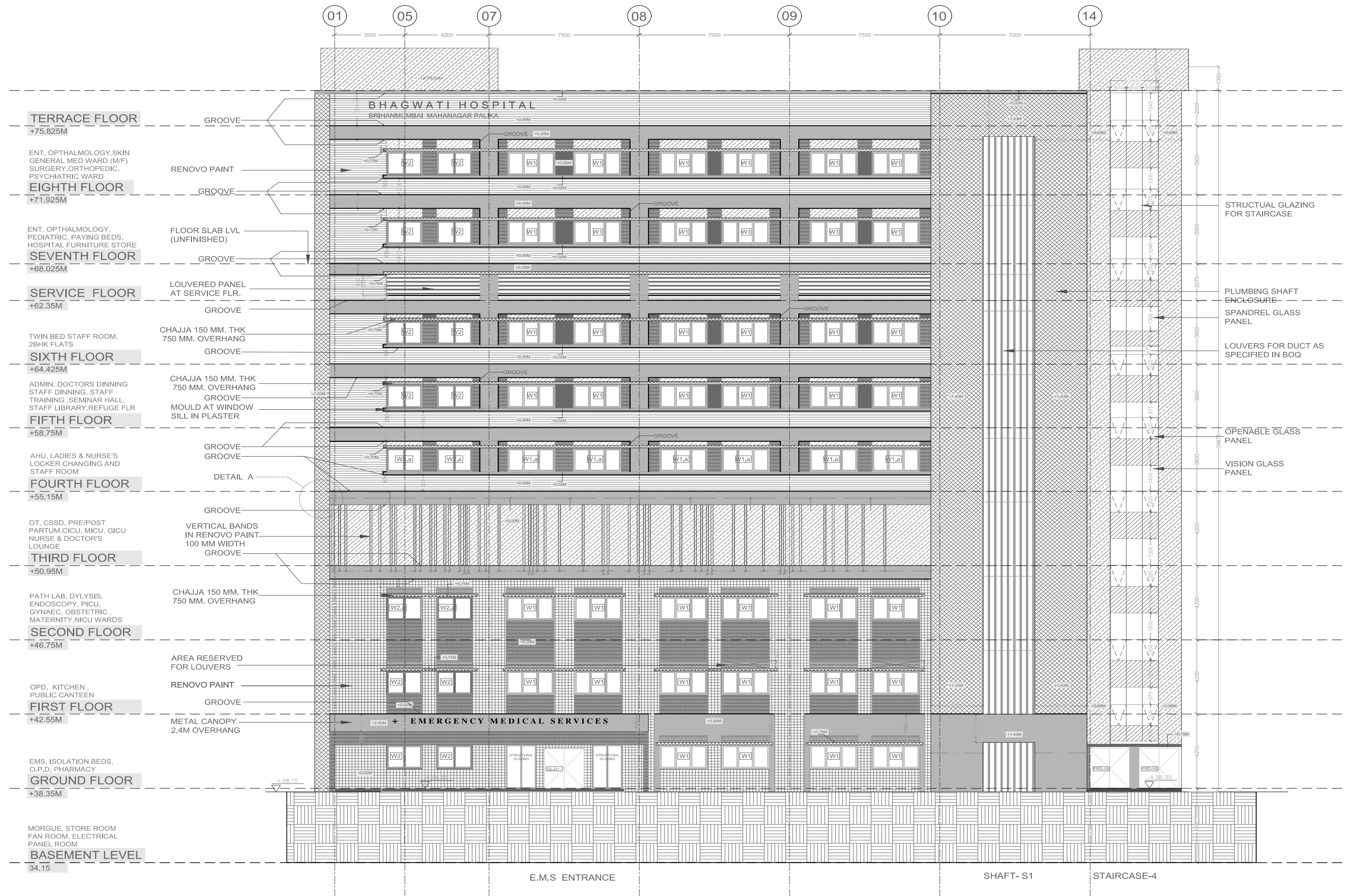
WORKED IN :

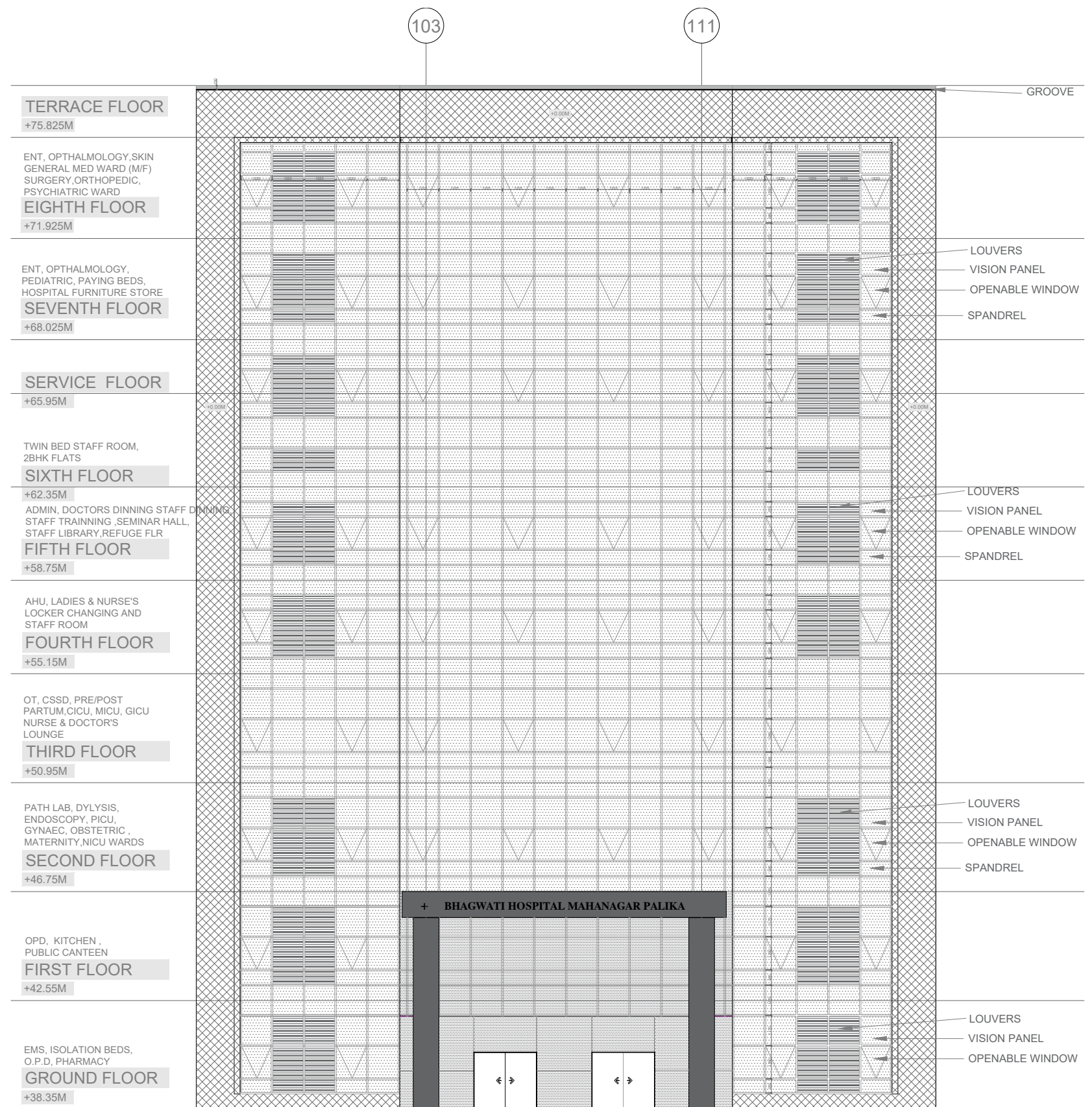
Revised the Sections according to the latest changes. Drafted Sections according to the instructions given. Incorporated Grooves in Elevation A to N. Revised the Elevations according to the latest corrections. Drafted Working Drawings for the Lift Machine room. Drafted Working Drawings for Under Ground Water tank floor and incorporated structural drawings. Drafted Working Drawings for Manifold and Plant room and Substation and incorporated structural drawings. Revised the Service floor according to the latest changes. Marked the site co-ordinates for Under Ground Water tank, OWC, Substation, Manifold and plant room.



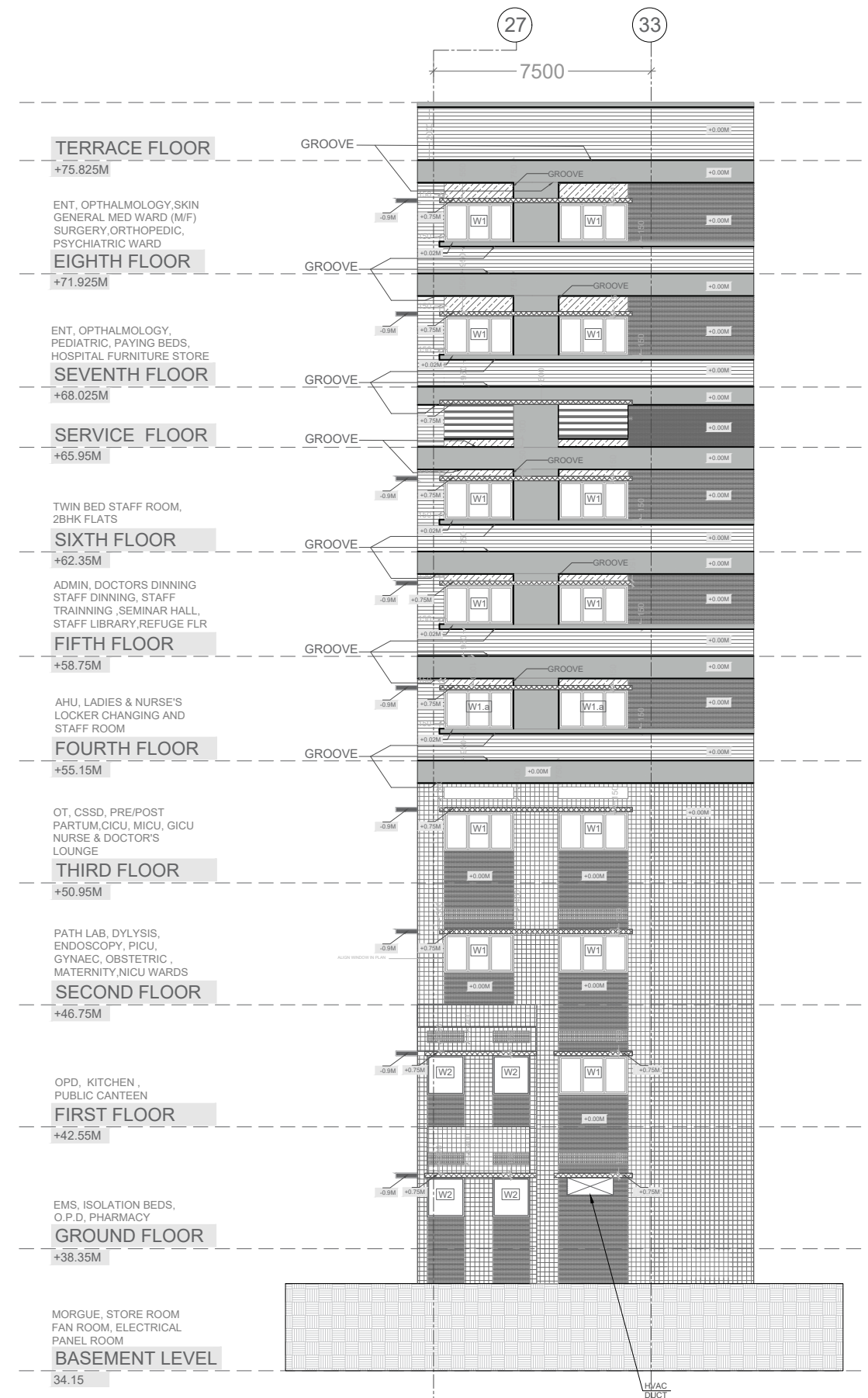


GROUND FLOOR PLAN





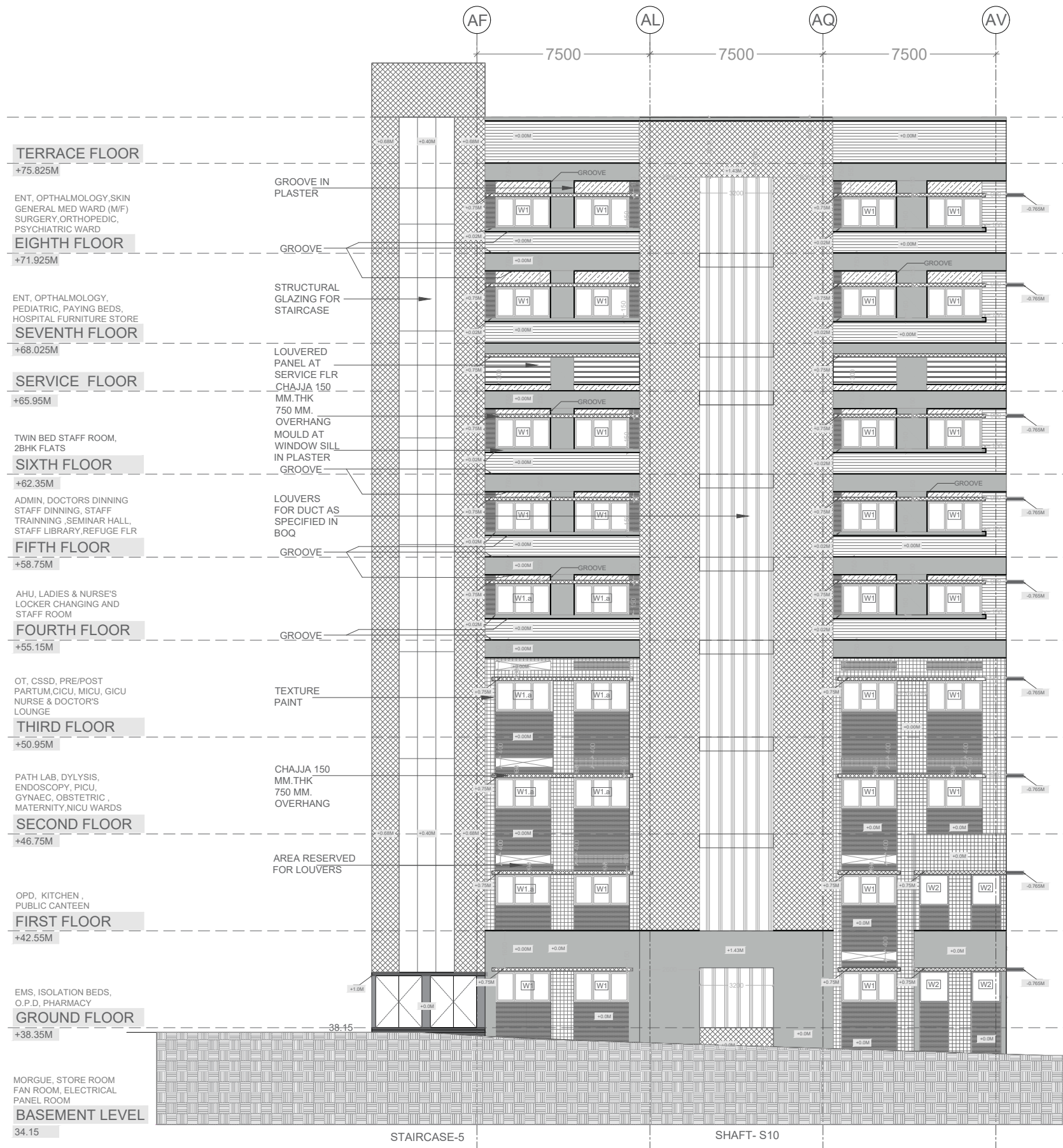
ELEVATION B



ELEVATION D

SHASHI
PRABHU
AND
ASSOCIATES

ARCHITECT'S SIGN:
SHASHI PRABHU AND ASSOCIATES



ELEVATION C



ELEVATION E

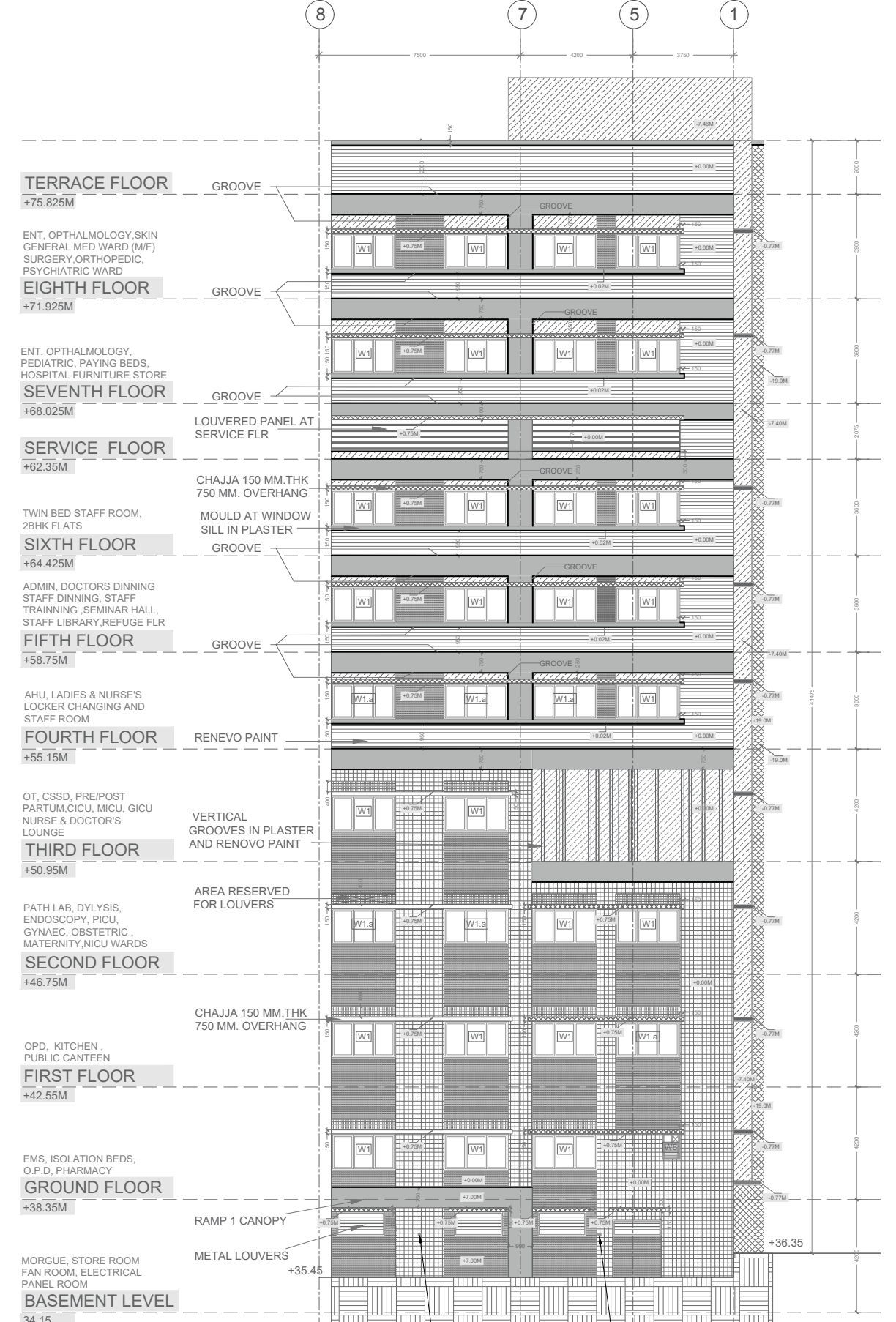
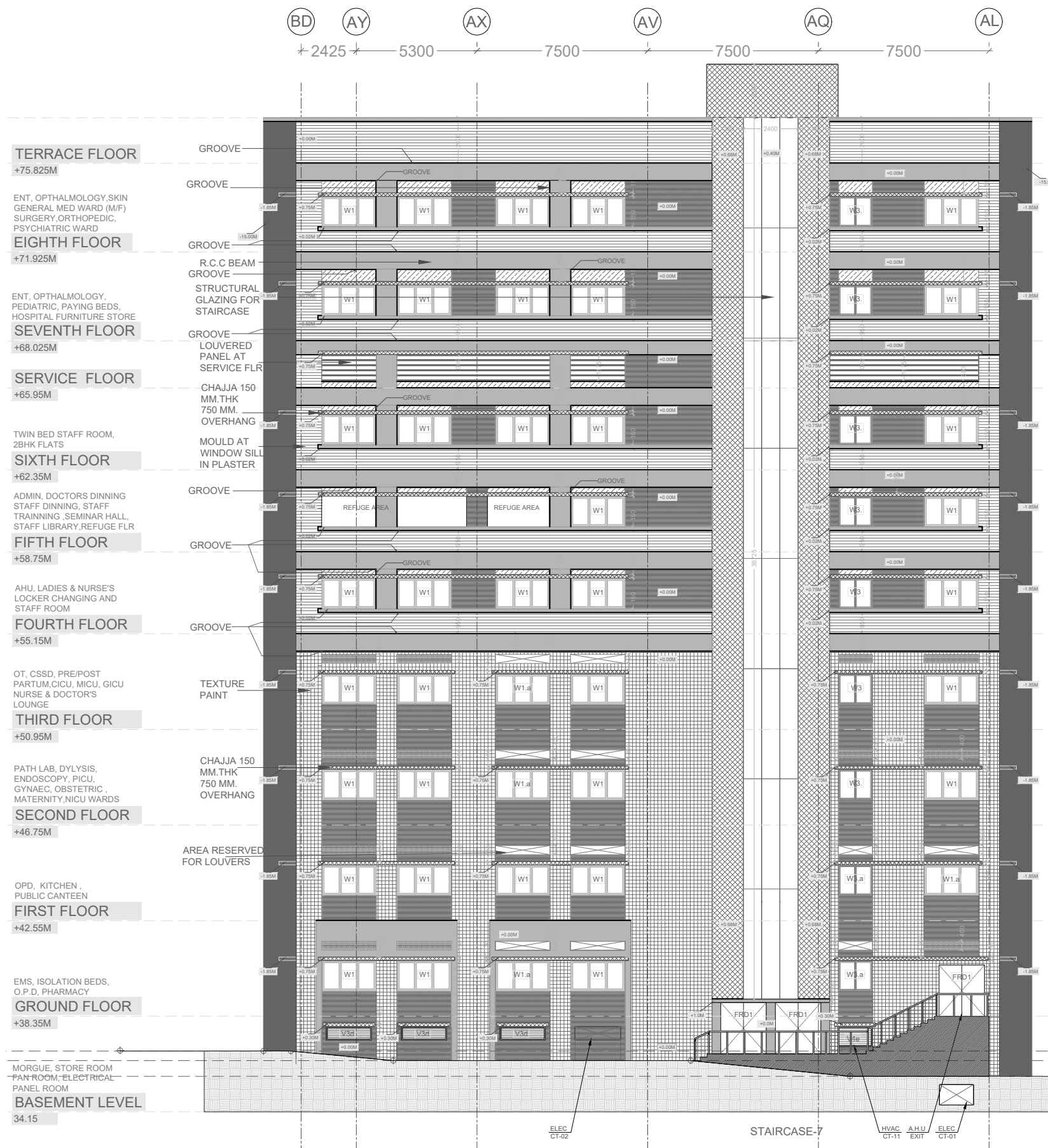
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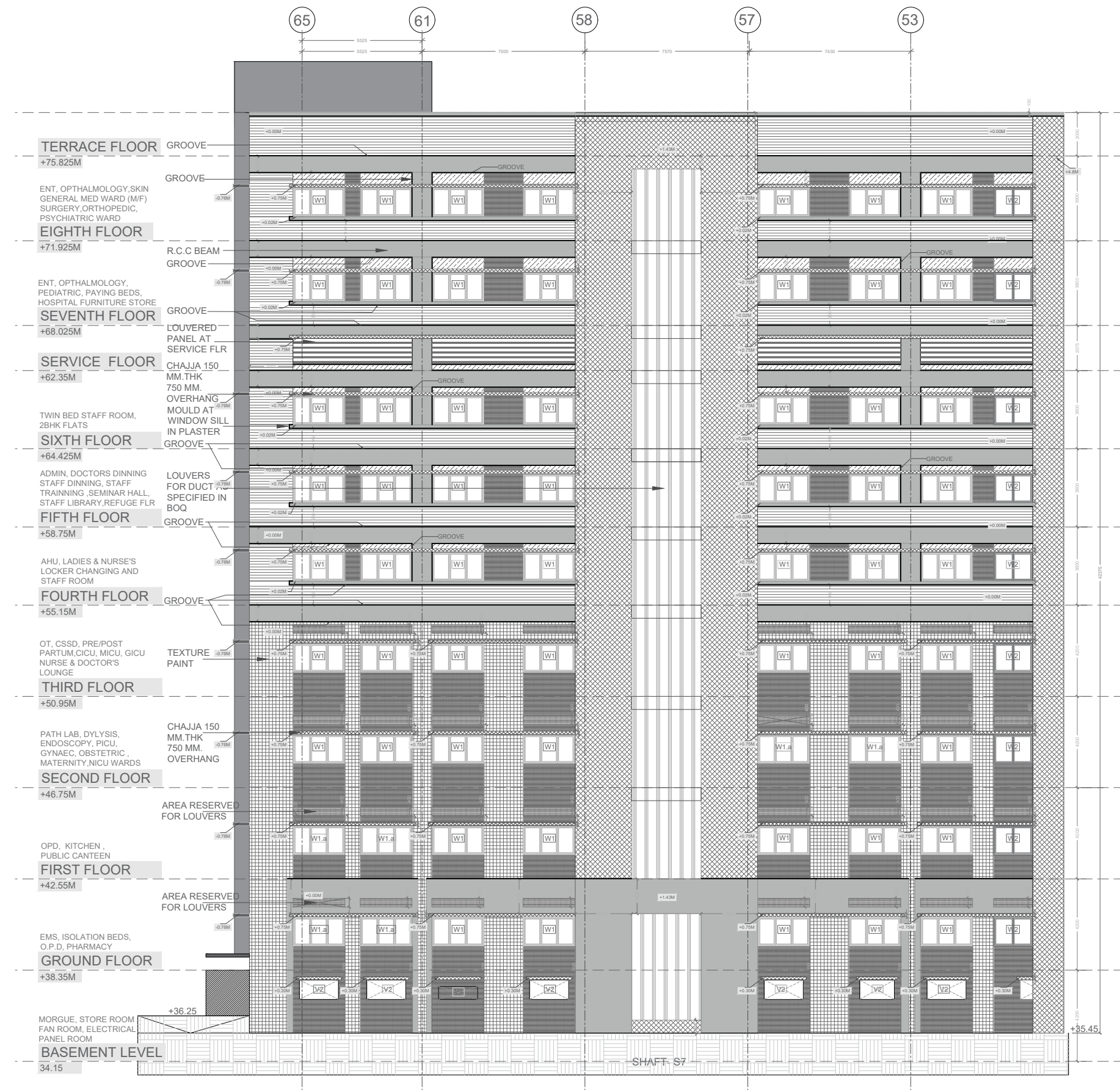
ELEVATION F



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ELEVATION H

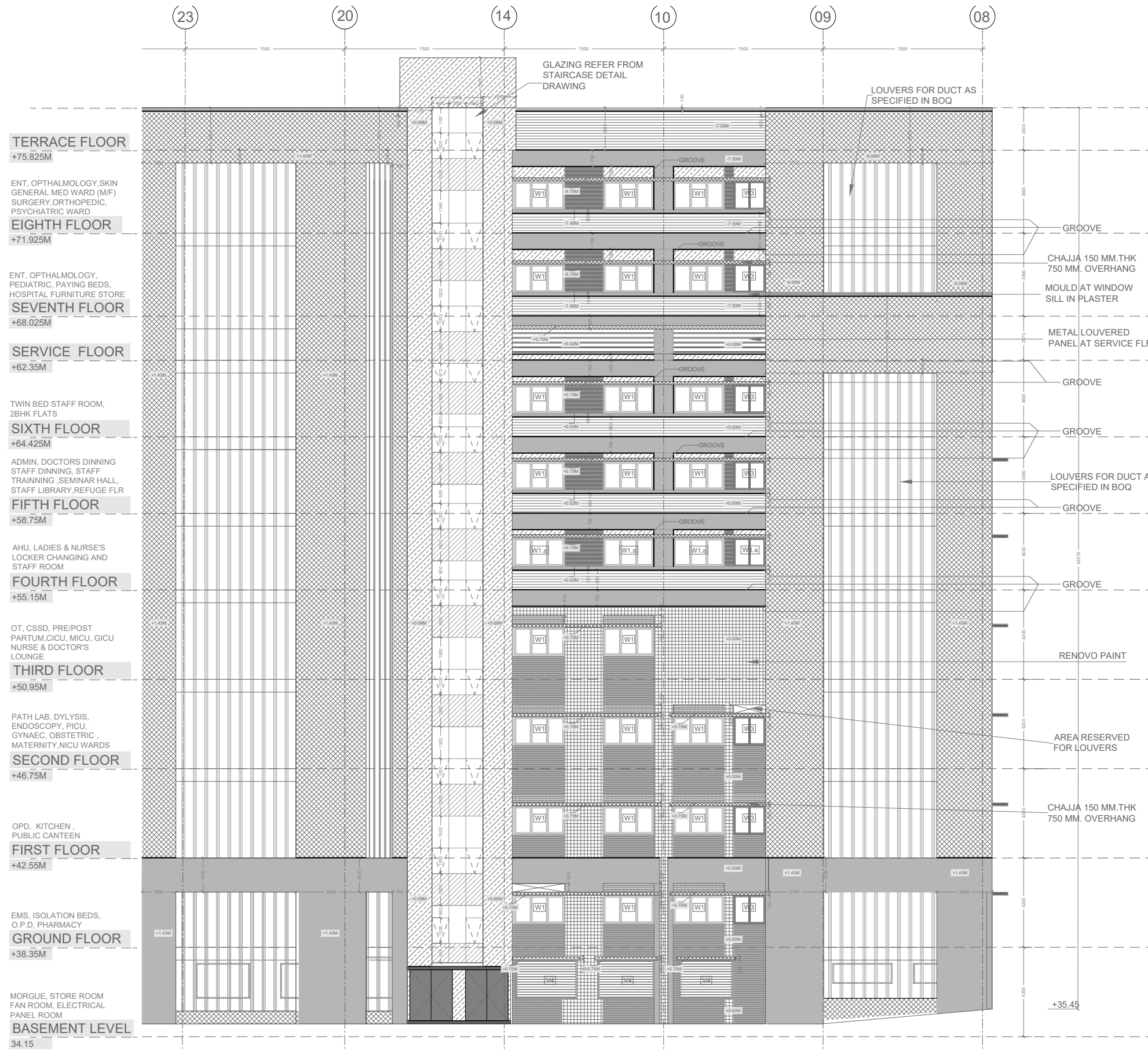


ELEVATION I

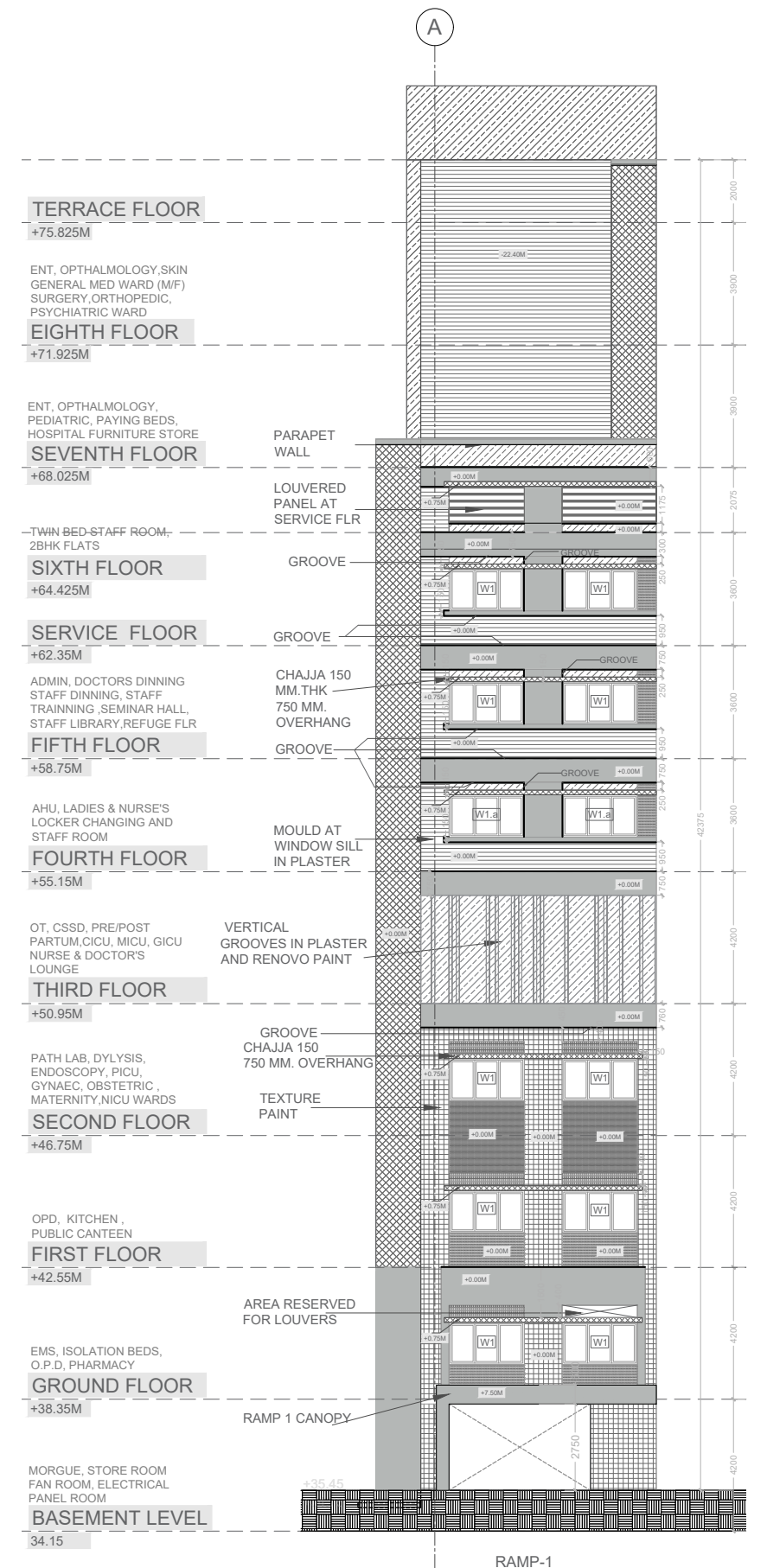




ELEVATION J



ELEVATION K

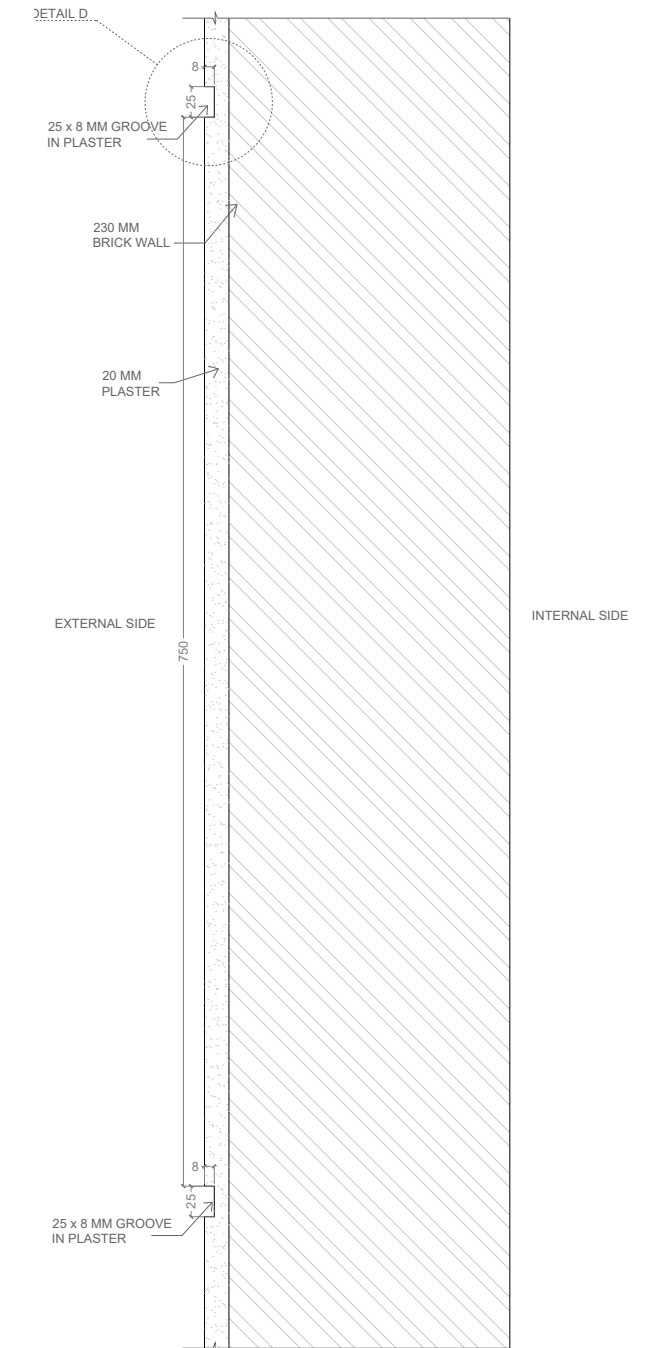
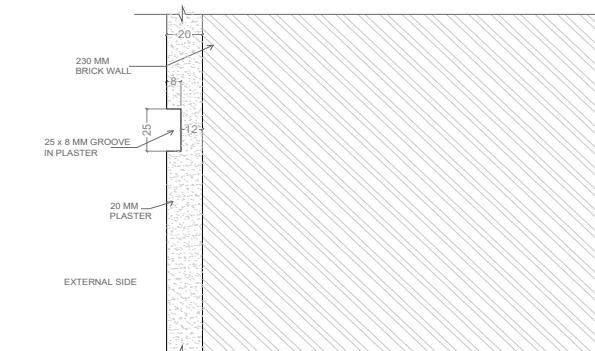
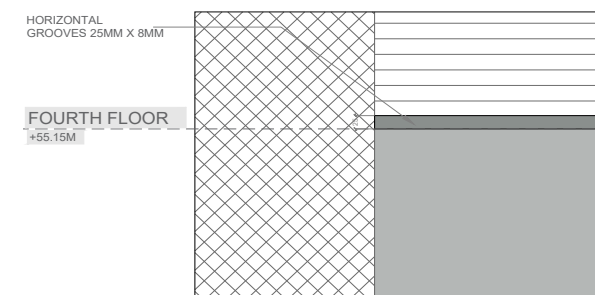
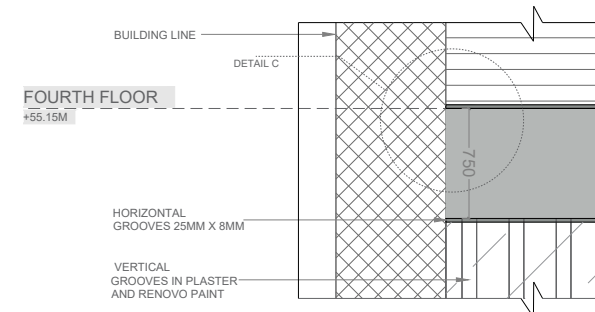
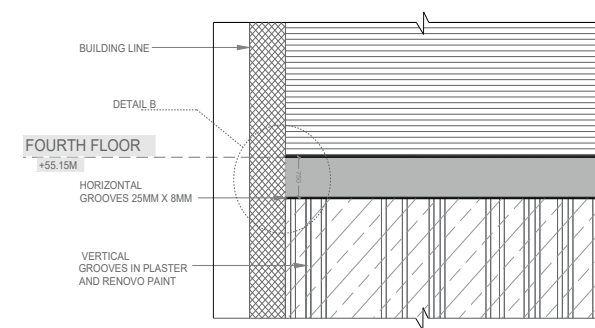
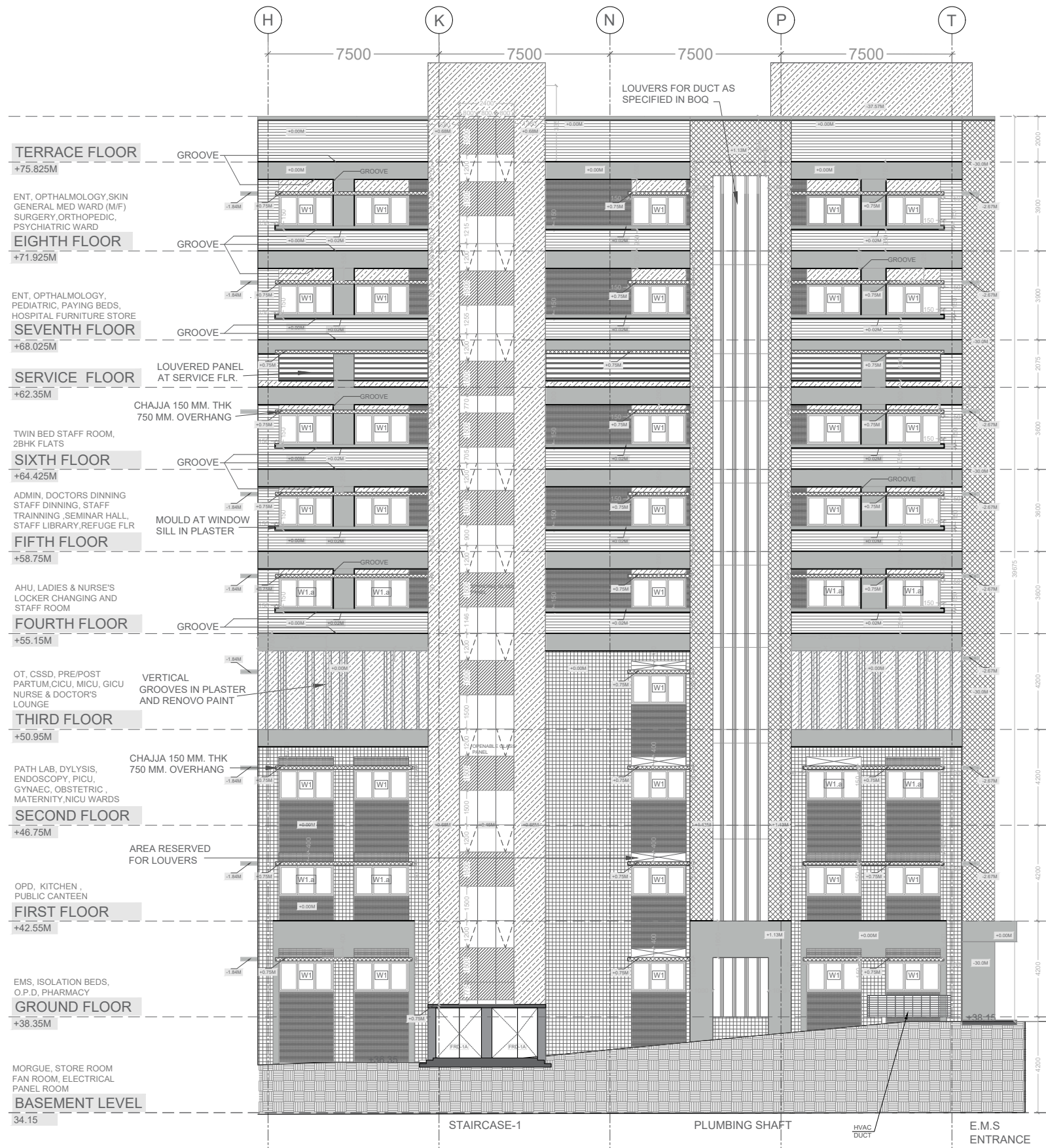


ELEVATION L

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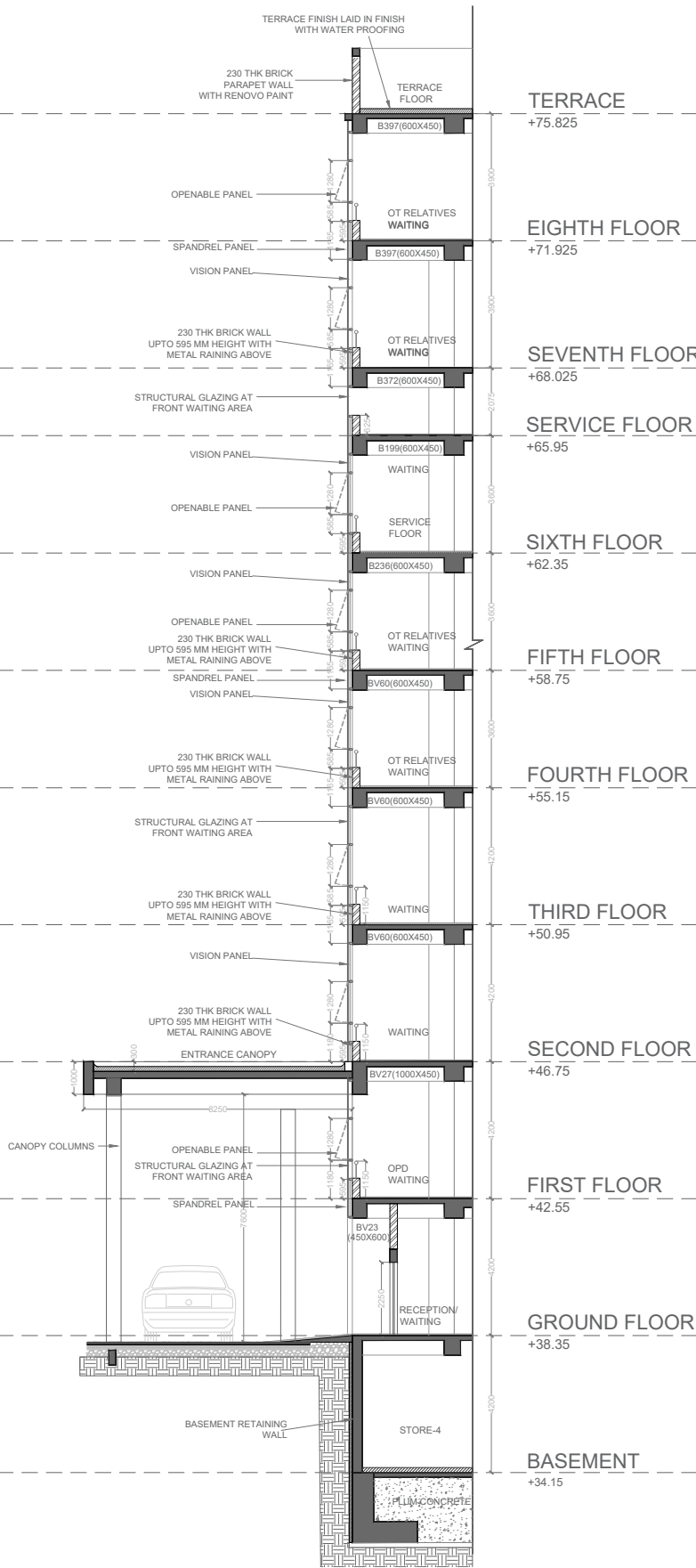




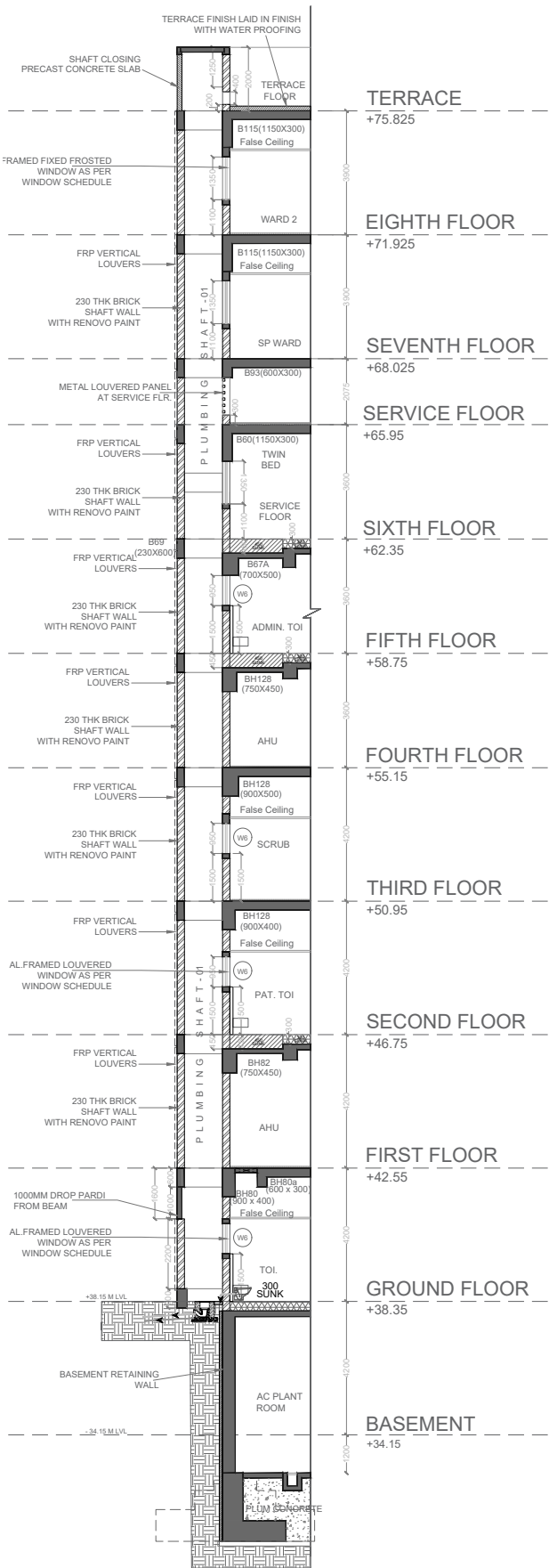
DETAIL SECTION THROUGH EXTERIOR WALL

	PAINT SHADE 01 (TBD)
	PAINT SHADE 02 (TBD)
	PAINT SHADE 03 (TBD)
	PAINT SHADE 04 (TBD)
	PAINT SHADE 05 (TBD)
	PAINT SHADE 06 (TBD)
	LOUVERED PANEL (TBD)
	SPANDREL PANEL
TBD- TO BE DETERMINED	

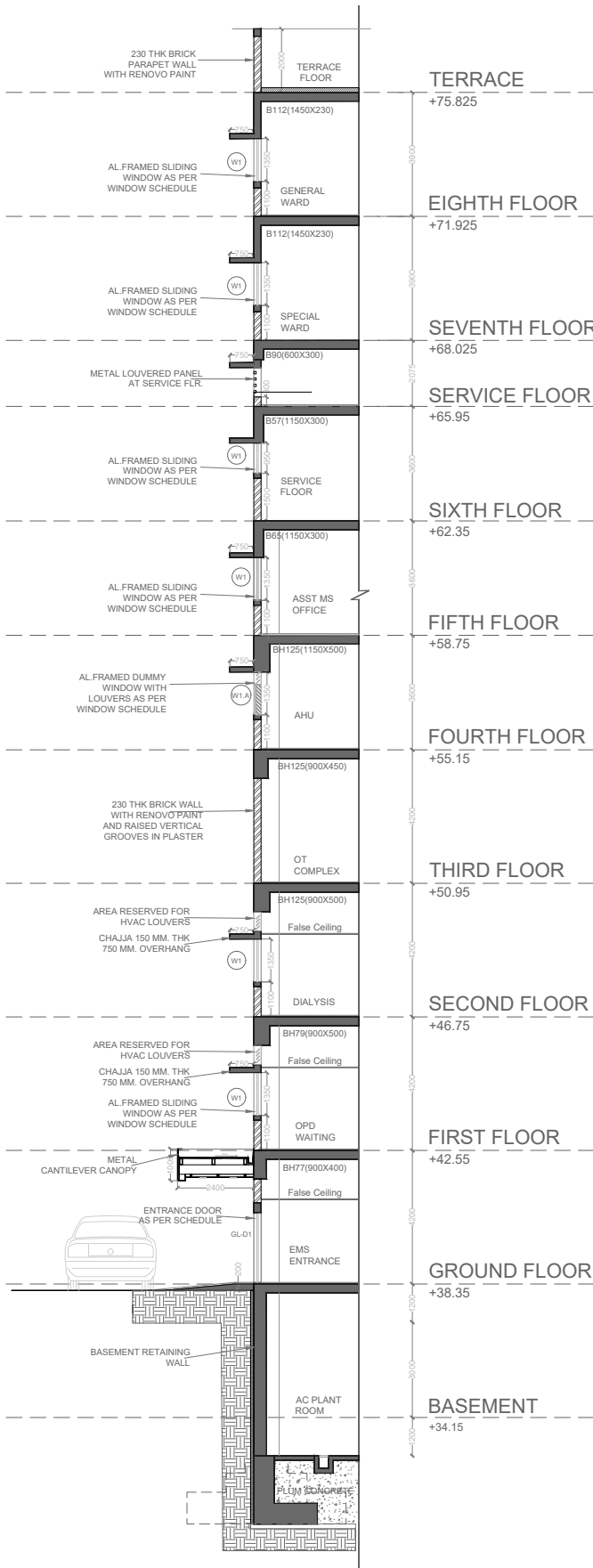
SECTIONS



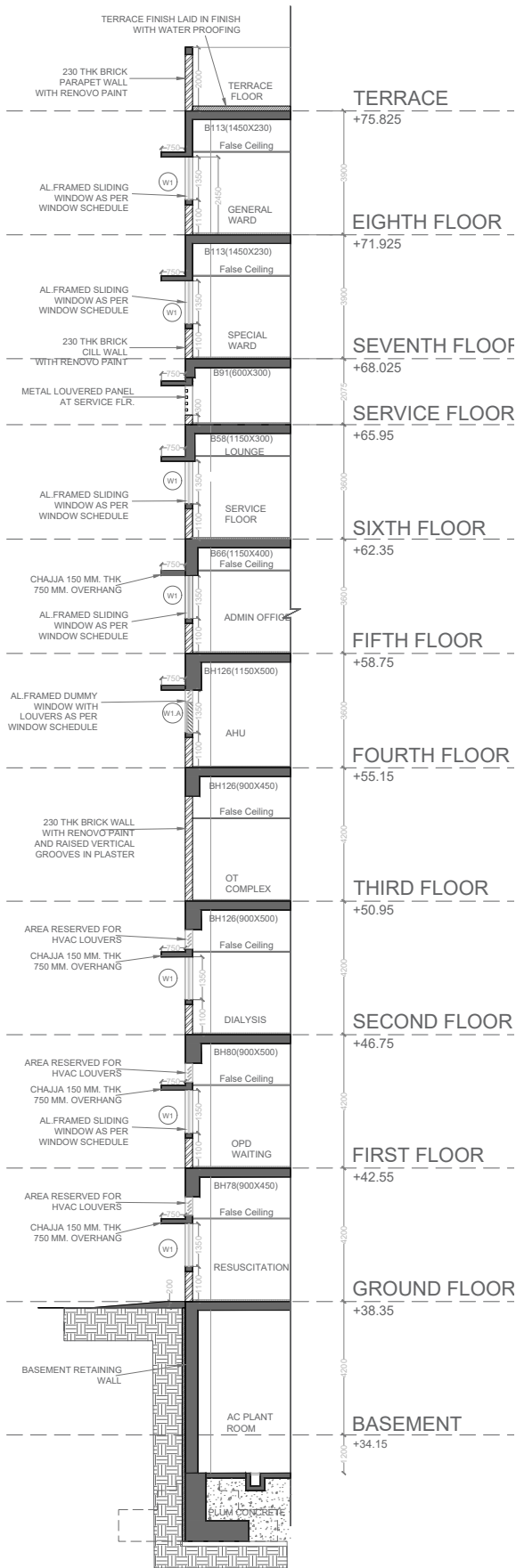
SECTION A



SECTION B



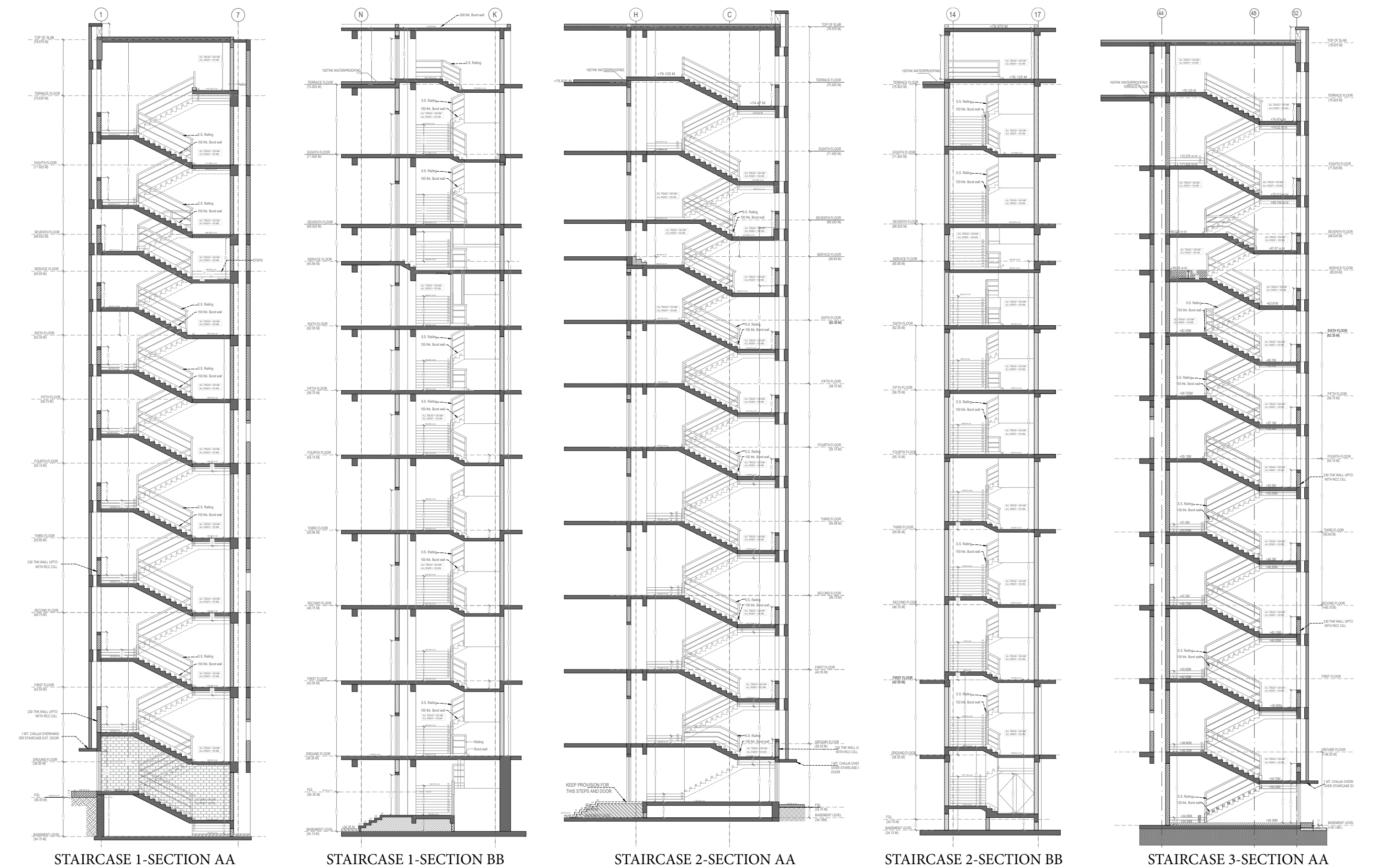
SECTION C

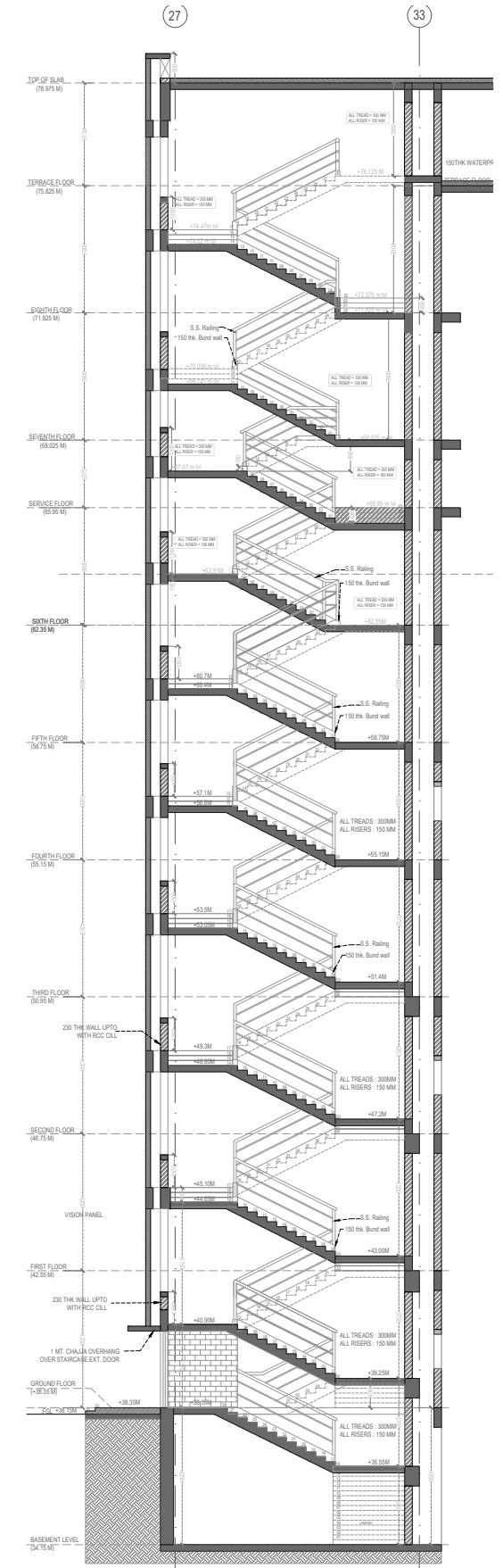
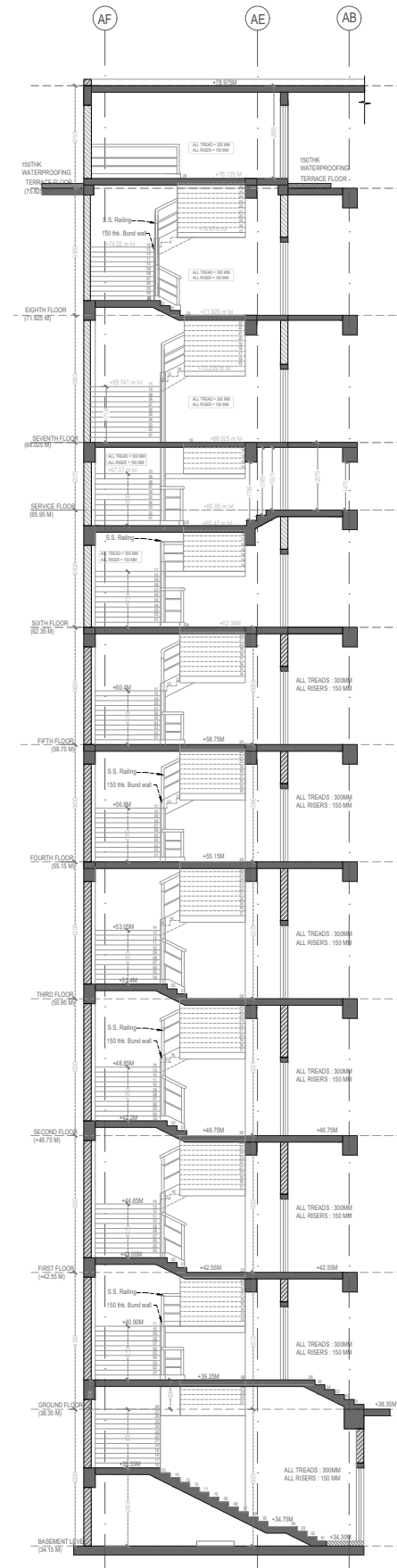
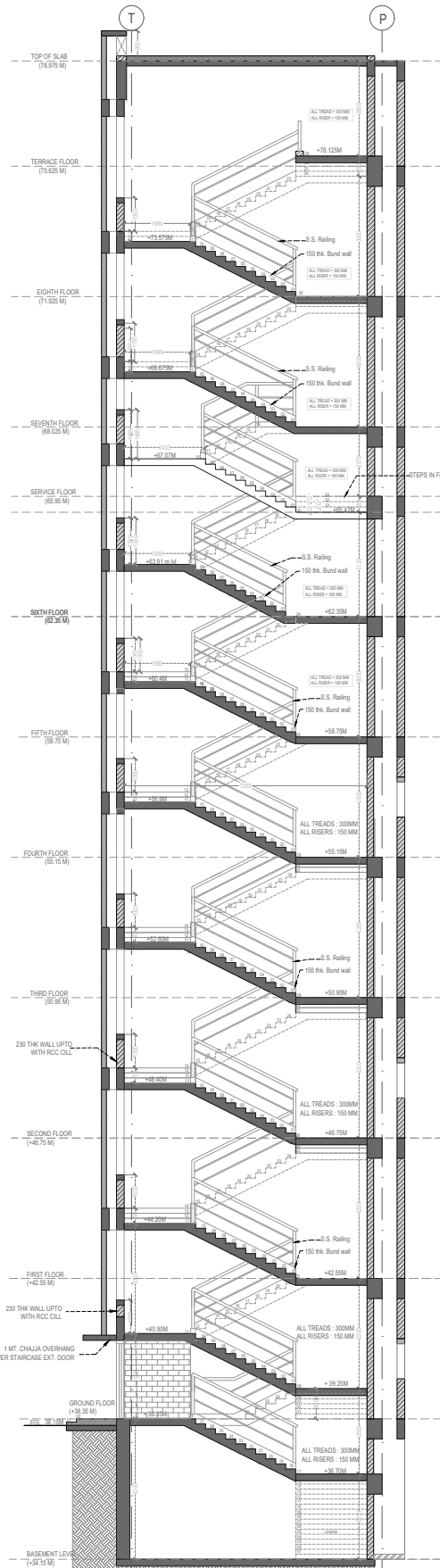
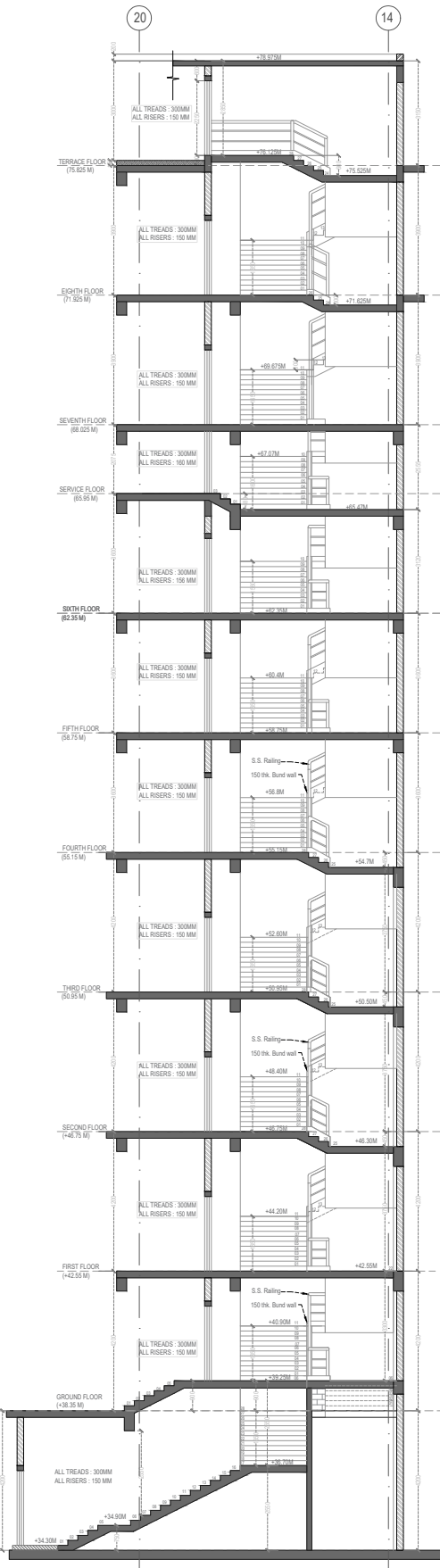
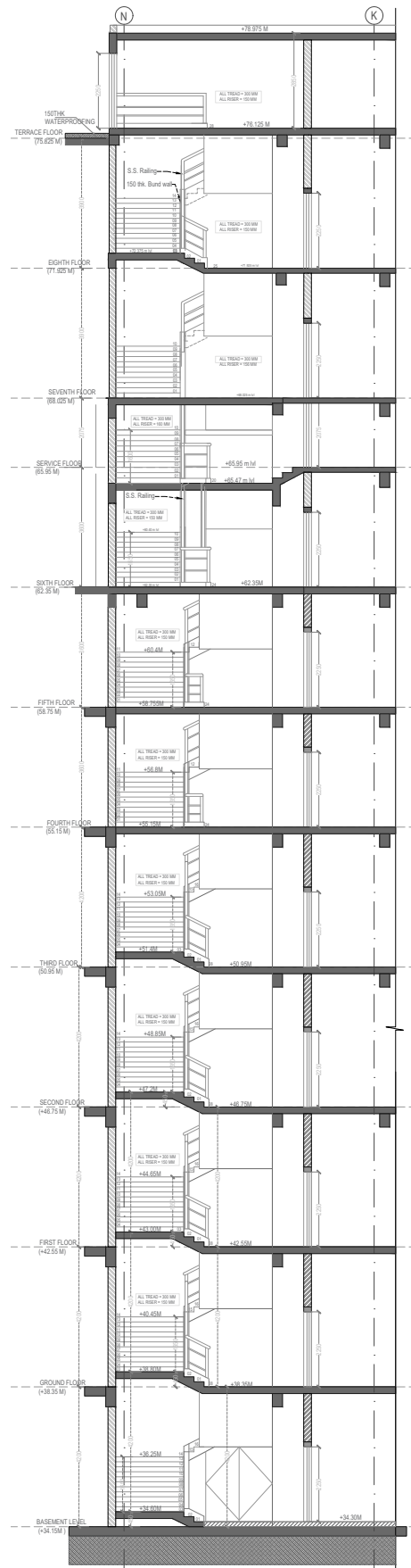


SECTION D



STAIRCASE SECTIONS





STAIRCASE 3-SECTION BB

STAIRCASE 4 -SECTION AA

STAIRCASE 4 -SECTION BB

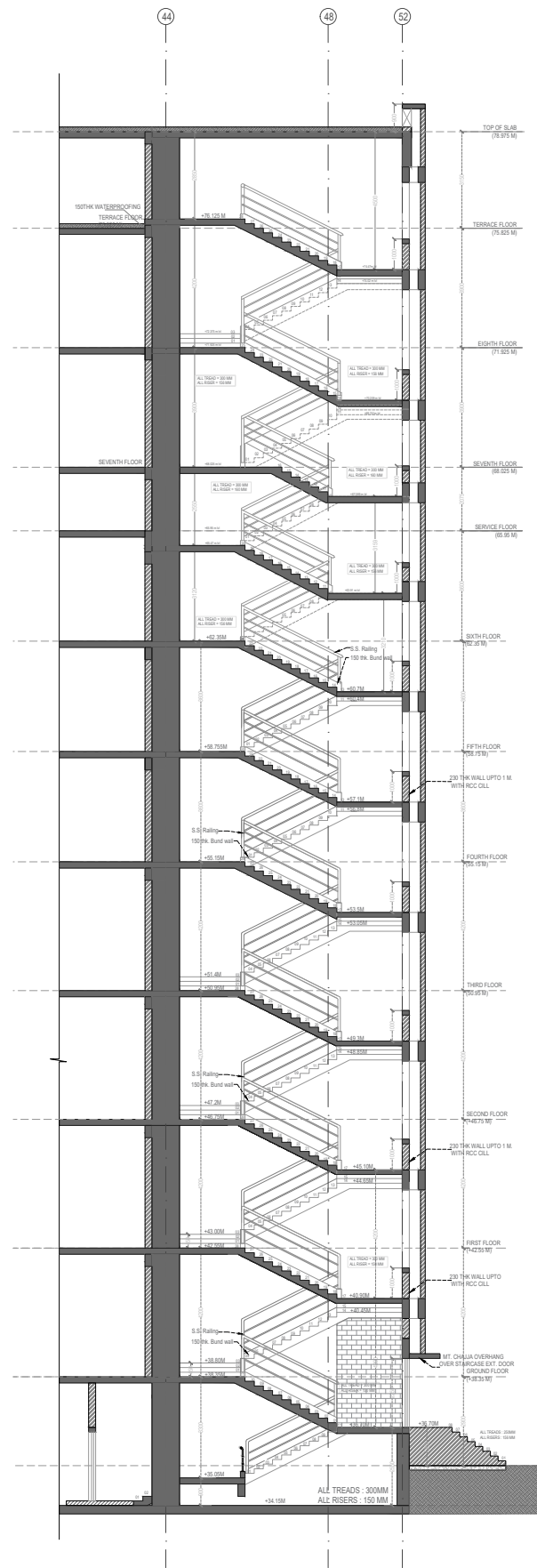
STAIRCASE 5 -SECTION AA

STAIRCASE 5 -SECTION BB

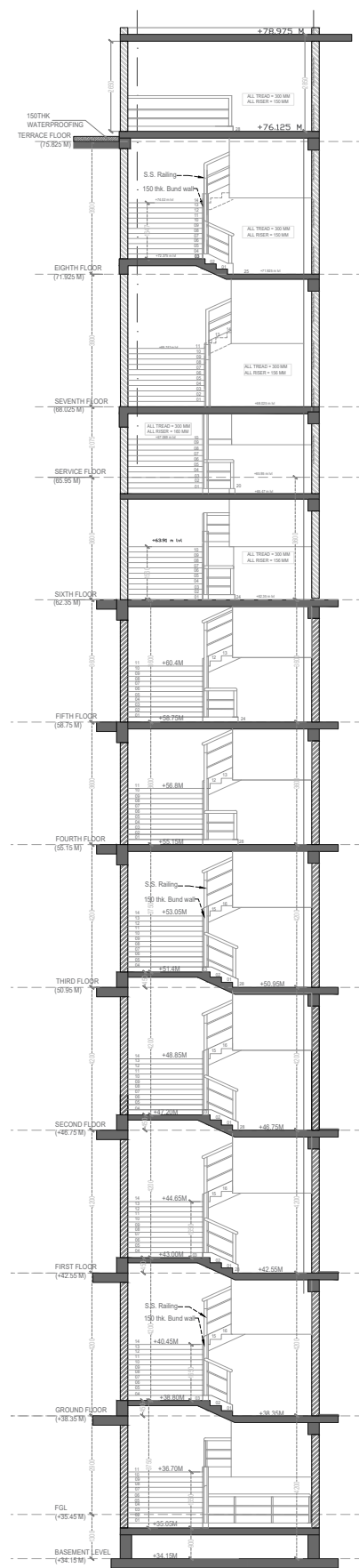
39210007

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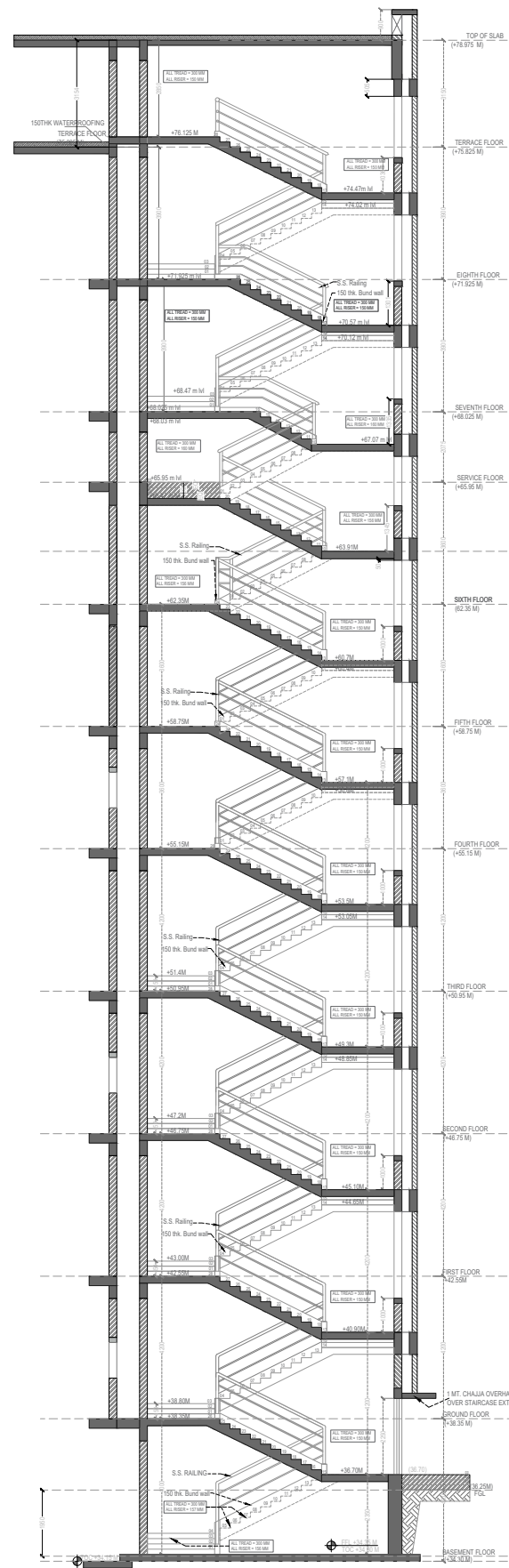




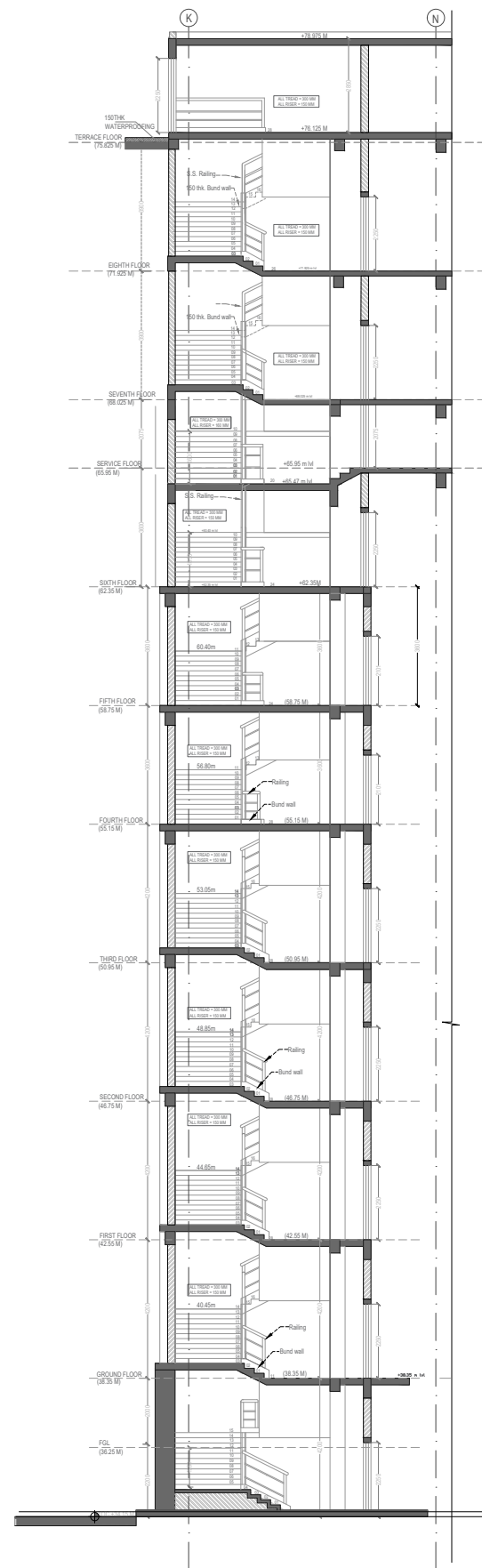
STAIRCASE 6 -SECTION AA



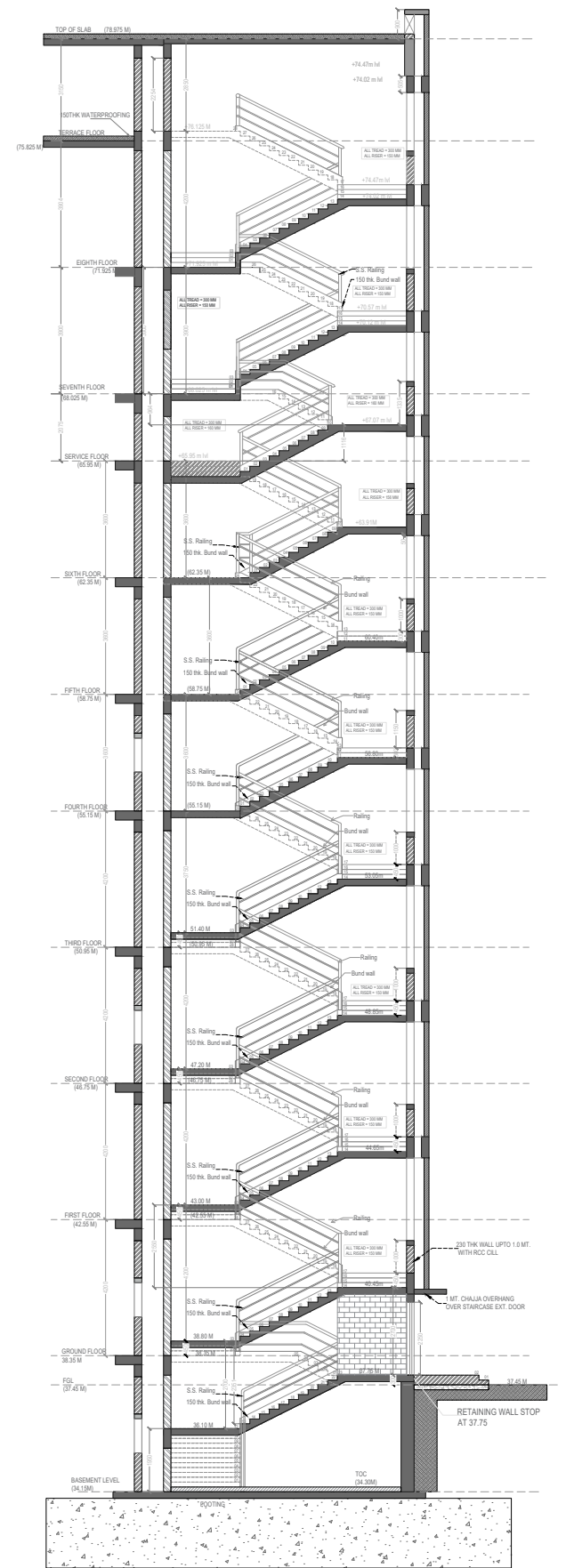
STAIRCASE 6 -SECTION BB



STAIRCASE 7 -SECTION AA

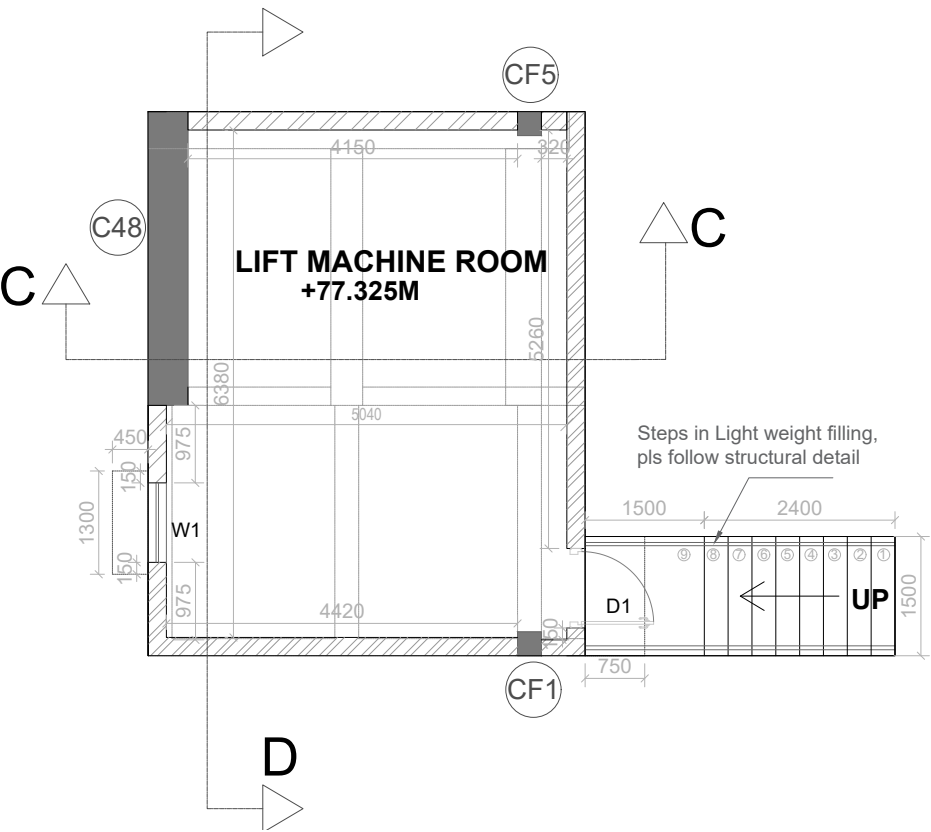


STAIRCASE 7 -SECTION BB

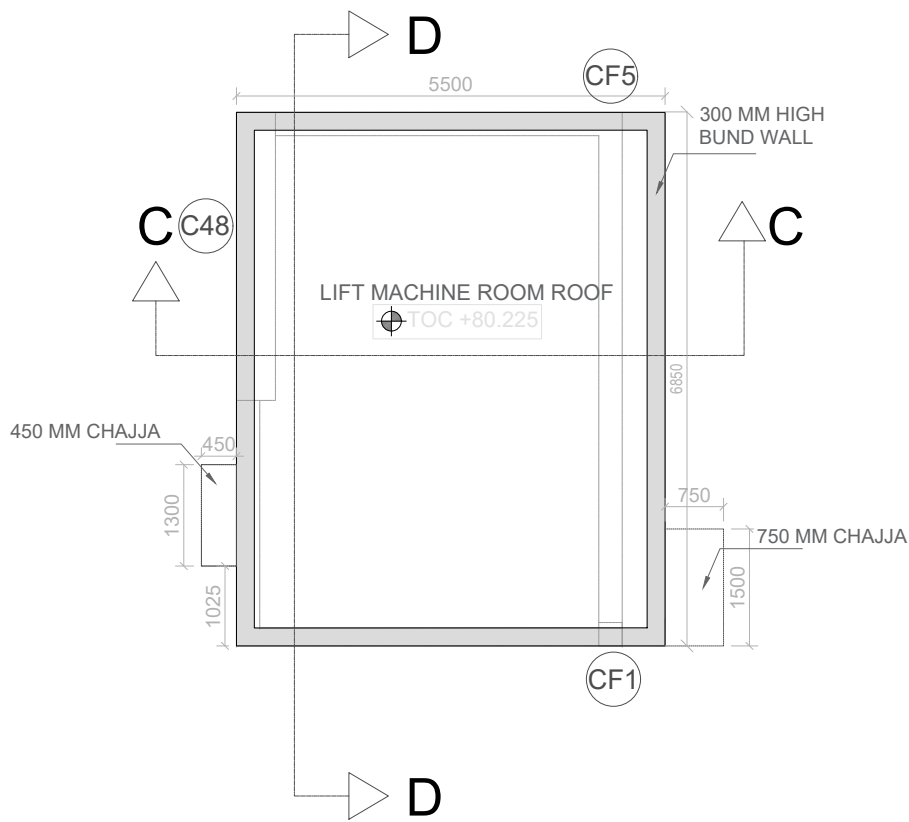


STAIRCASE 8 -SECTION AA

LIFT MACHINE ROOM



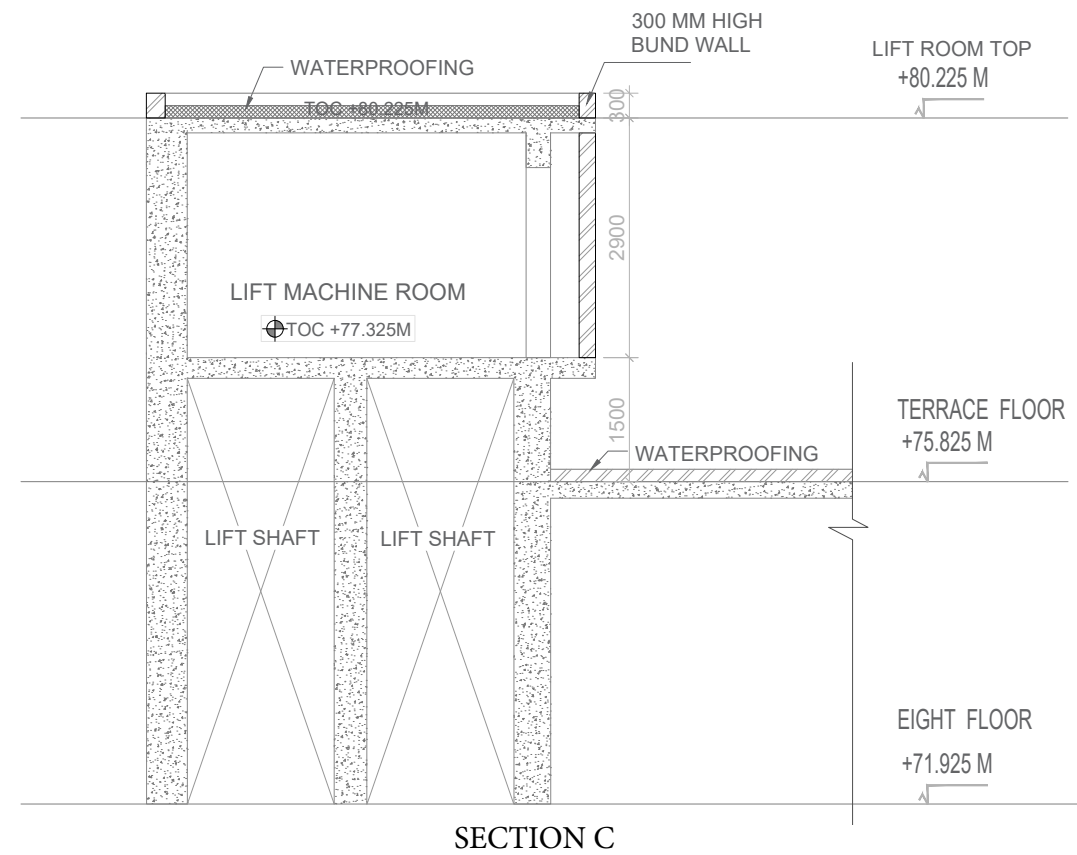
LIFT MACHINE ROOM GROUND LEVEL PLAN



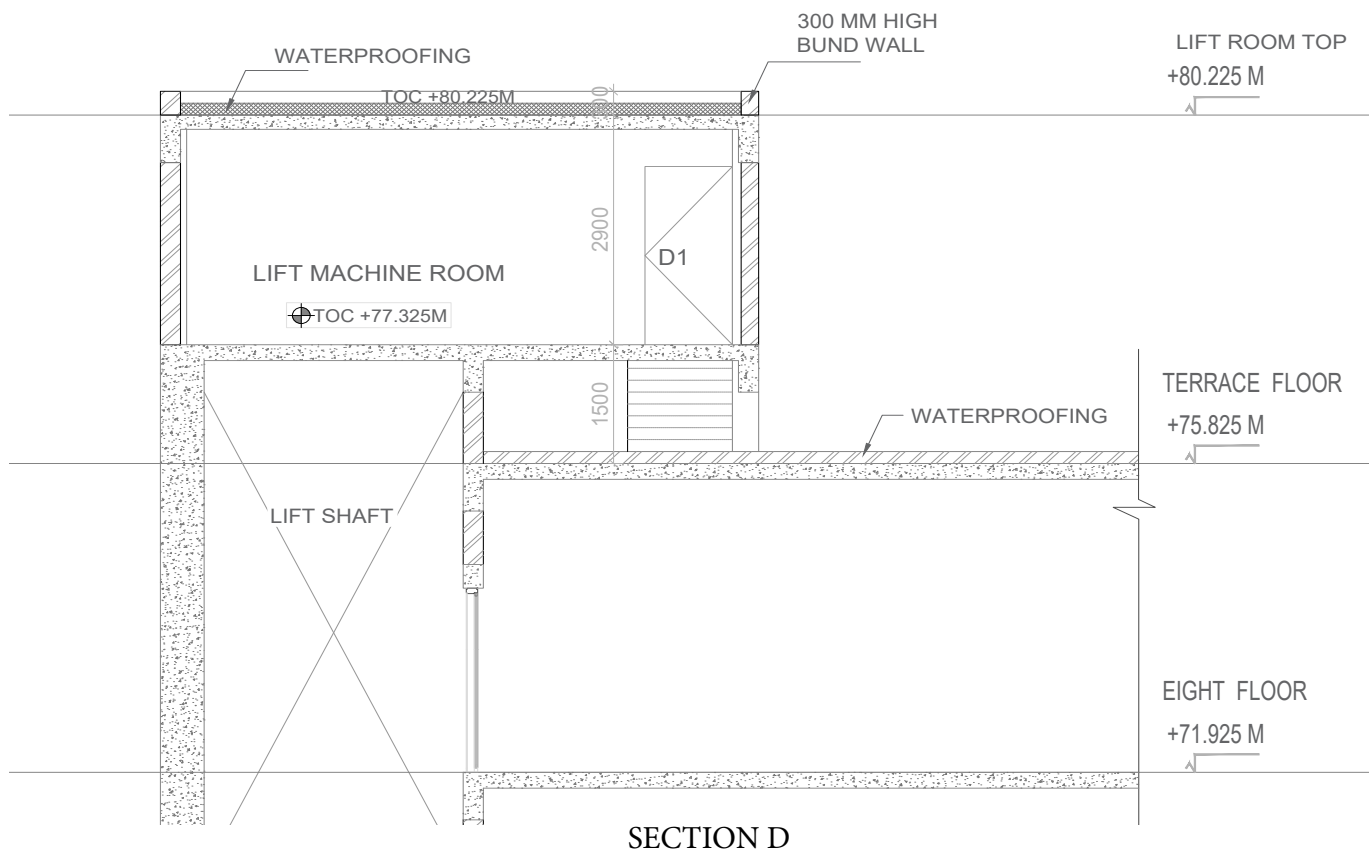
LIFT MACHINE ROOM LEVEL PLAN

All the hospital departments on various floors are well connected with wide corridors running through the length & breadth of the building, to avoid congestion & cross traffic. All staircases & lifts are conveniently placed for regular use as well as emergency. On all floors patients & staff conveniences are provided at the end of the corridors at convenient places on external face of the building to avoid spreading of foul smell in the building.

While physical planning, adequate importance is given to provision of natural light & ventilation, comfort cooling, fire safety, sanitary requirements as well as cleanliness. The proposed structure fulfills most of the requirements of self- sustainable green building. In order to achieve the same, Solar Panels are proposed as a part of alternate source of energy, also explored the possibility of use of Heat exchange / recovery system from A/C plant for initial heating of water as non-conventional source of energy. Rain Water Harvesting system & Sewerage Treatment Plant for recycling of treated sewerage water are also proposed for water conservation.

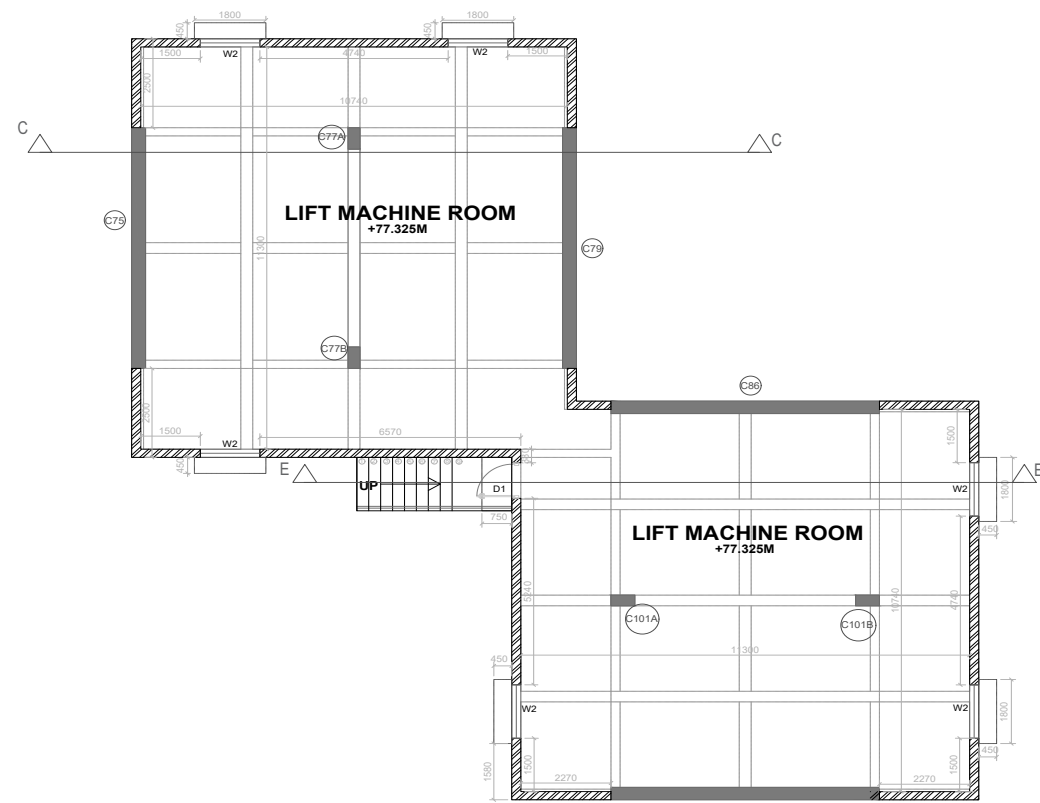


SECTION C

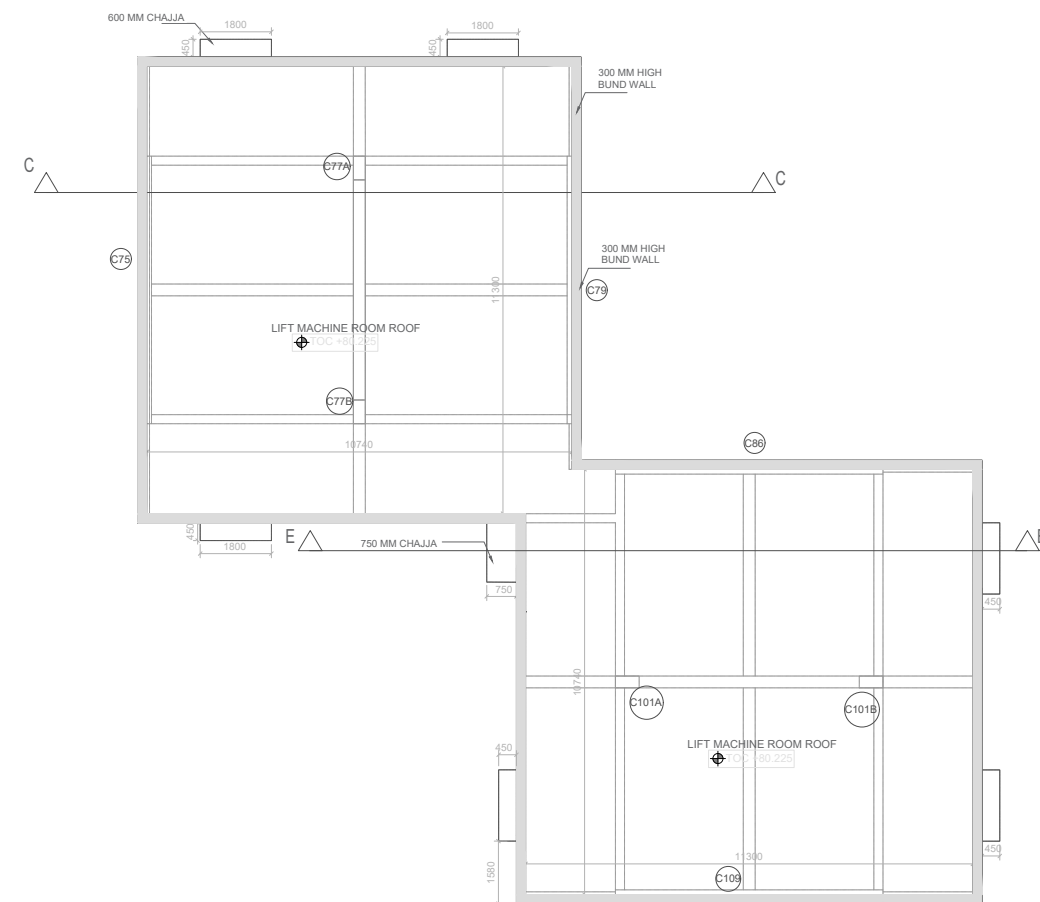


SECTION D

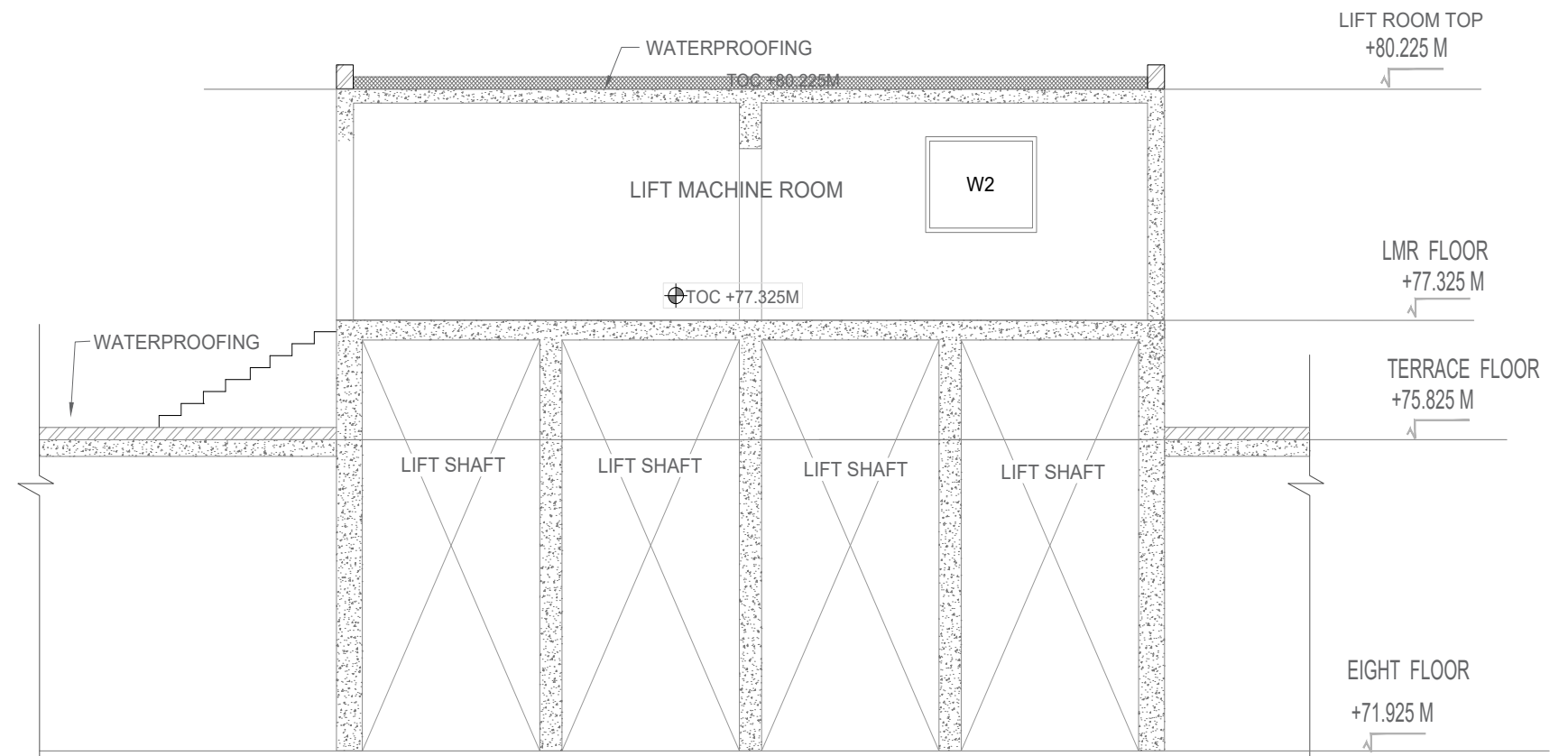




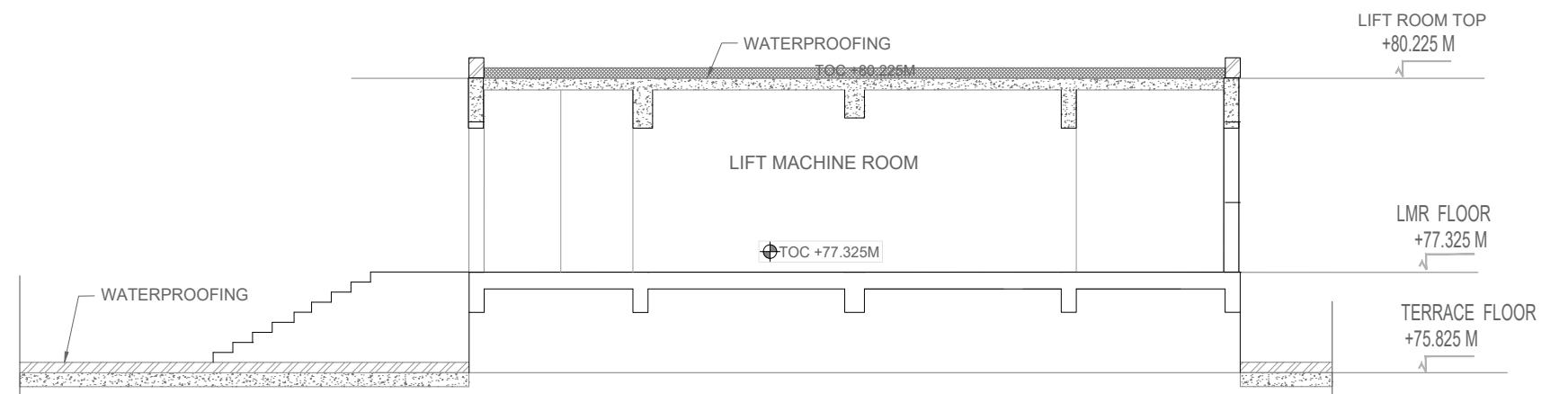
LIFT MACHINE ROOM GROUND LEVEL PLAN



LIFT MACHINE ROOM ROOF LEVEL PLAN

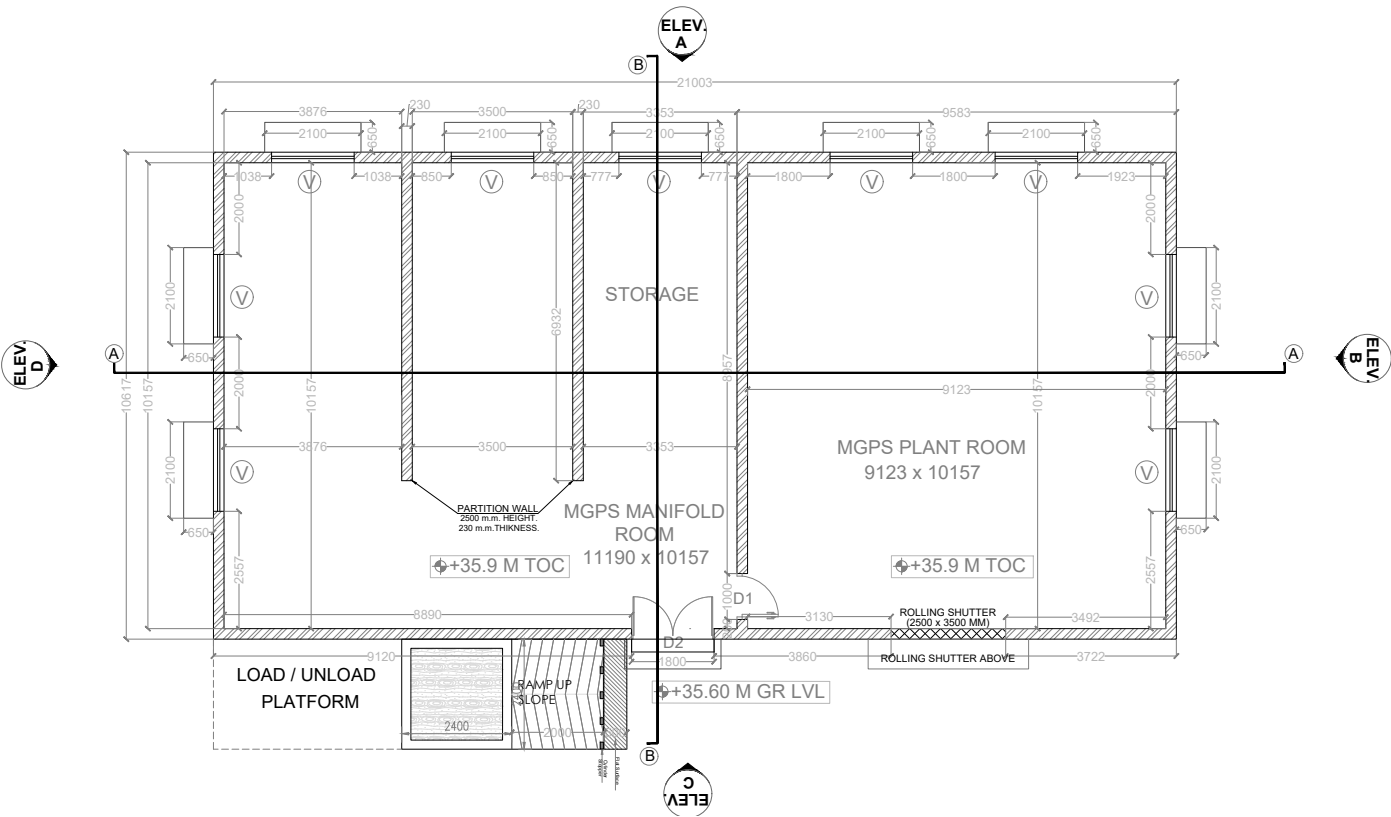


SECTION CC

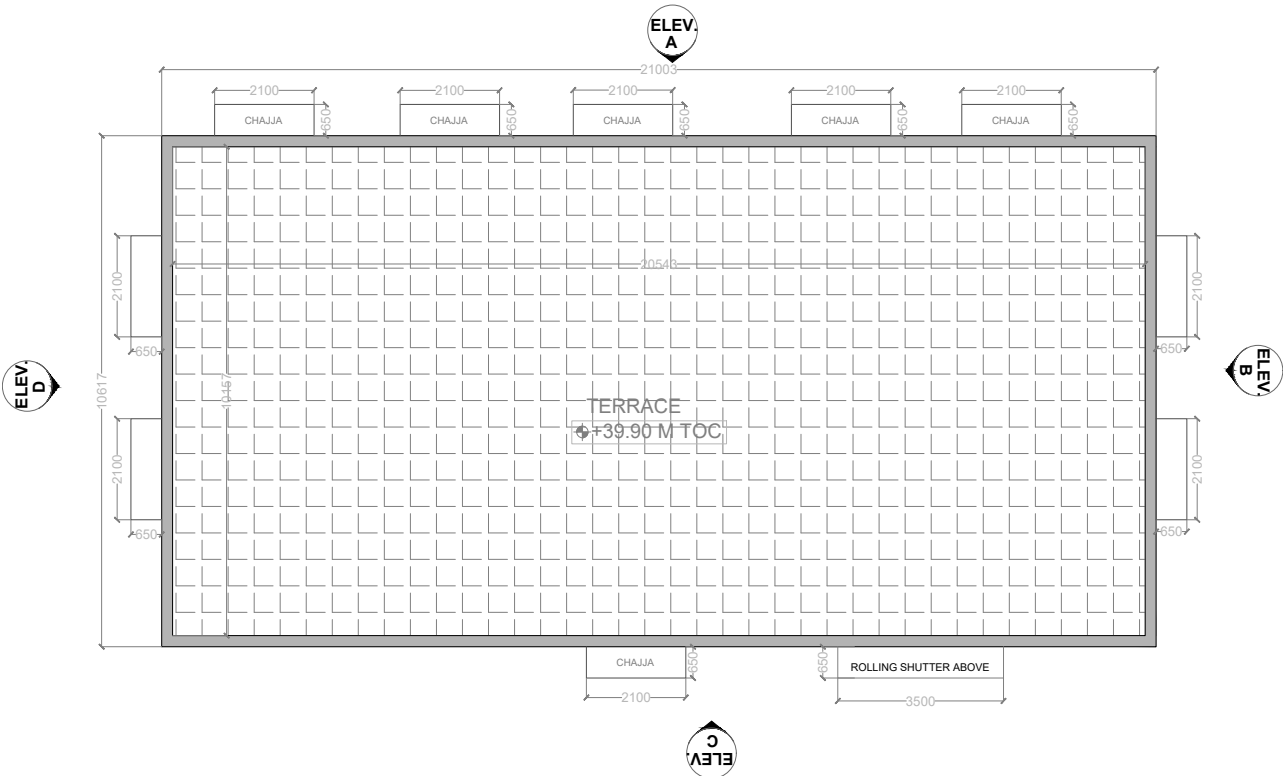


SECTION EE

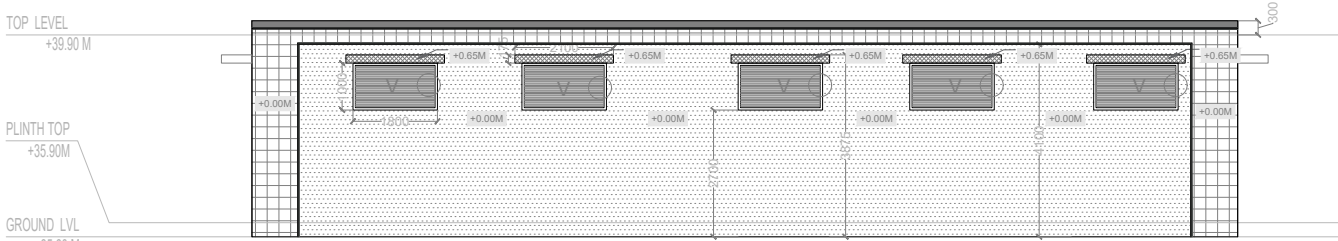
MANIFOLD AND PLANT ROOM



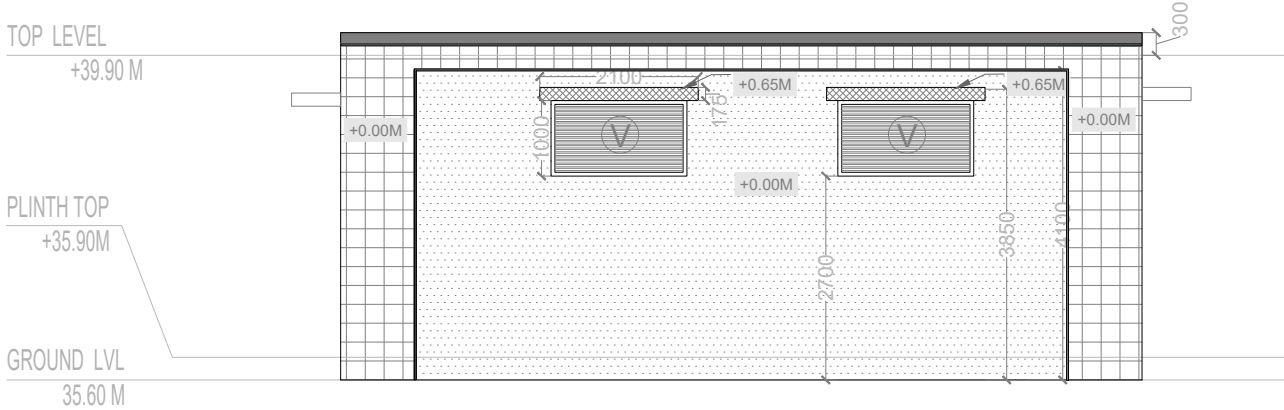
GROUND FLOOR PLAN



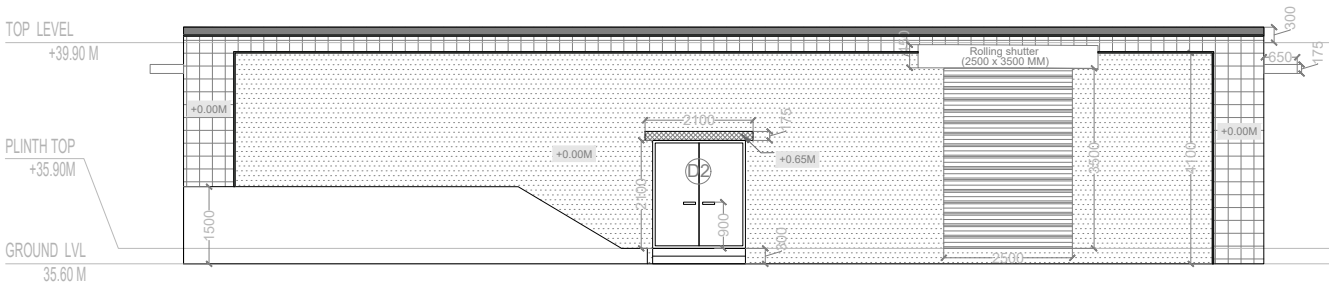
ROOF LEVEL PLAN



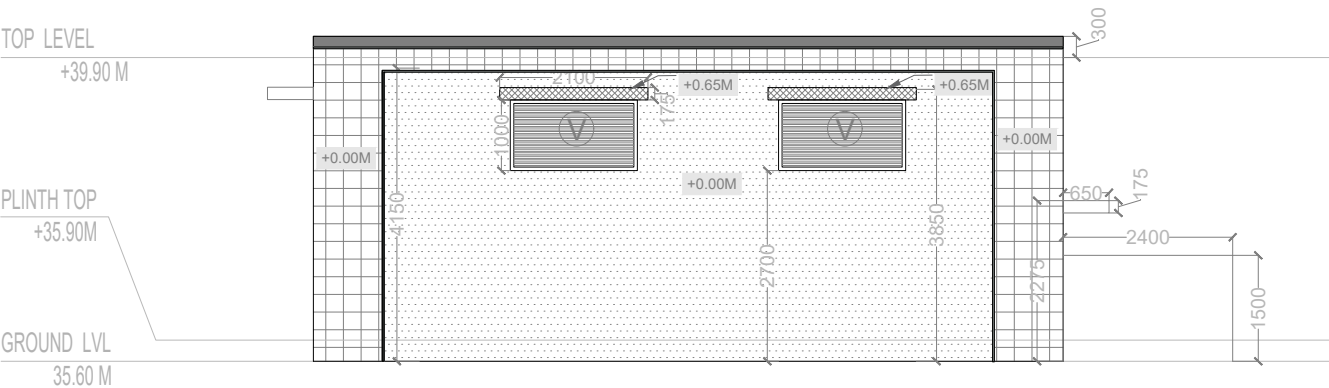
ELEVATION A



ELEVATION B

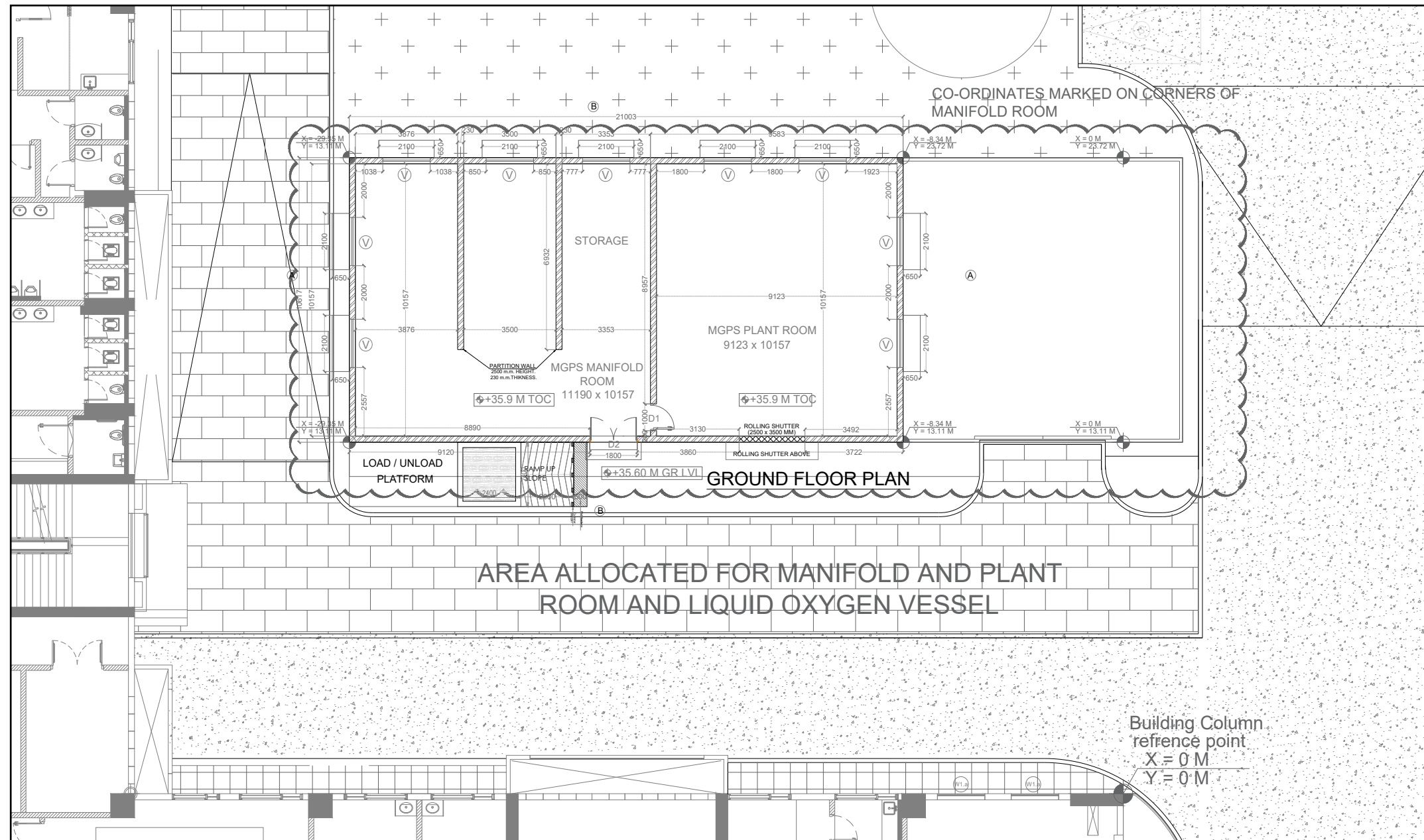


ELEVATION C

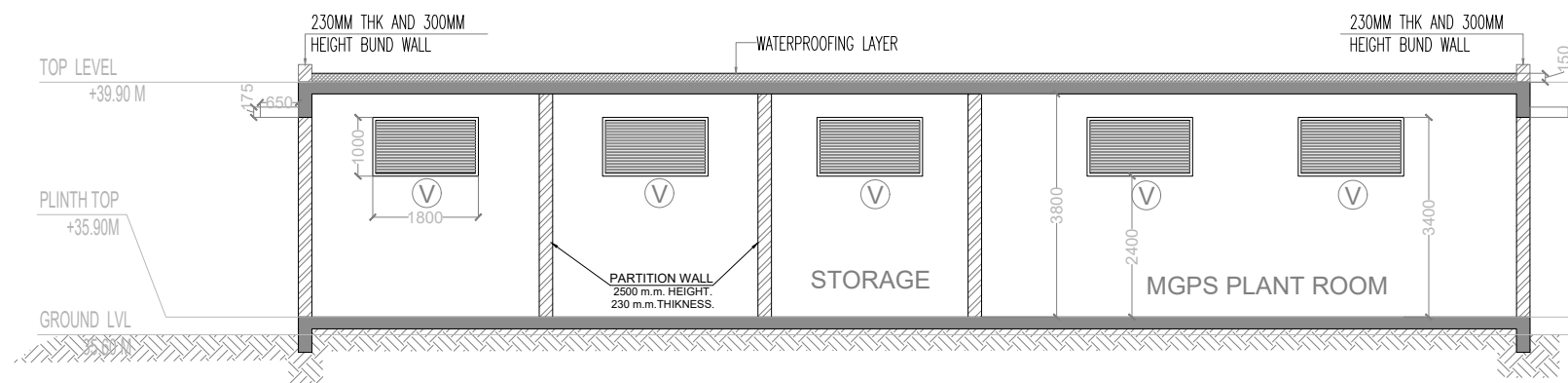


ELEVATION D

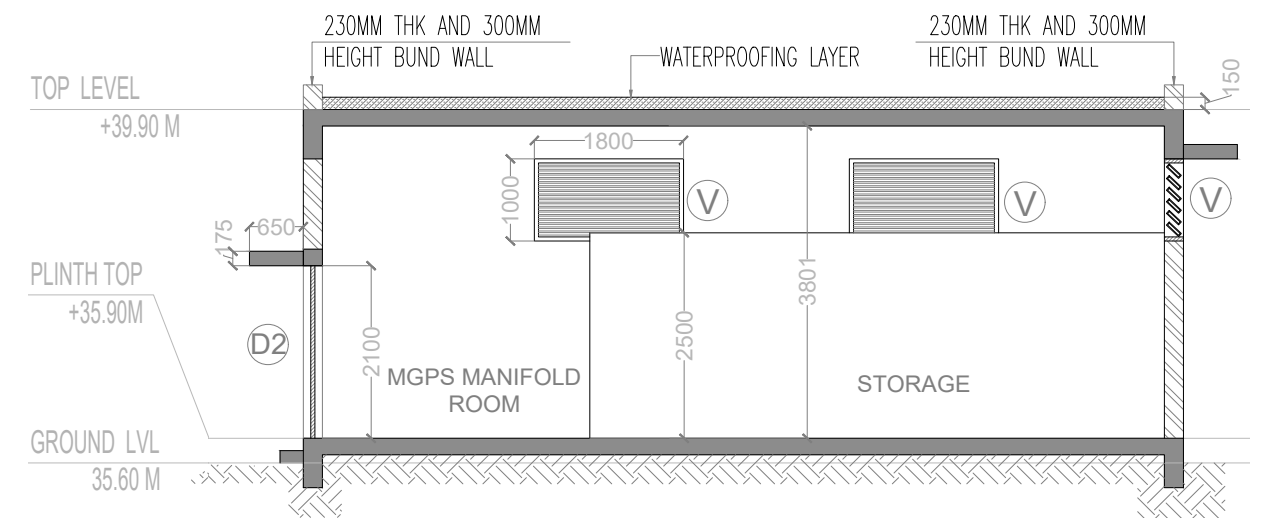




MANIFOLD ROOM PLAN -SITE CO ORDINATES



SECTION AA

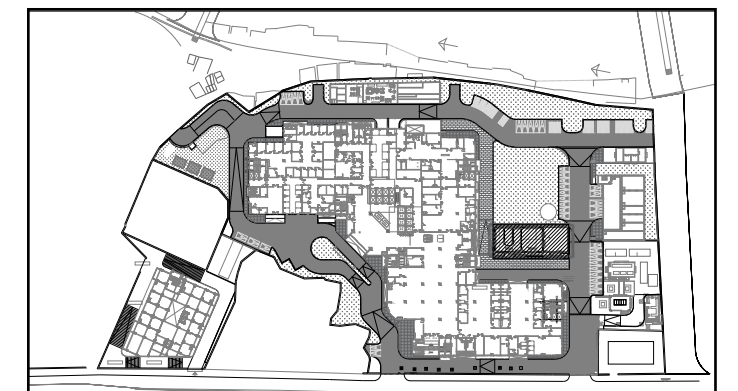


SECTION BB

SHASHI
PRABHU
AND
ASSOCIATES

Facilities and MEP Provision

- Pneumatic Transport System.
- Medical Gas System with Bed head panel.
- Modular Operation Theatres.
- Sewerage Treatment Plant.
- Effluent Treatment Plant.
- Reverse Osmosis (RO Plant).
- Hot Water System with Solar Panel synchronising with Heat Pump.
- Fire Fighting System with Pump.
- HT < Electrical works including power Backup, DG Sets, UPS etc.
- HVAC System (Water cooled Childers, Primary & secondary Condenser Pump System).
- Integrated Building Management System.
- Fire Alarm System
- Public Address System
- CCTV System.

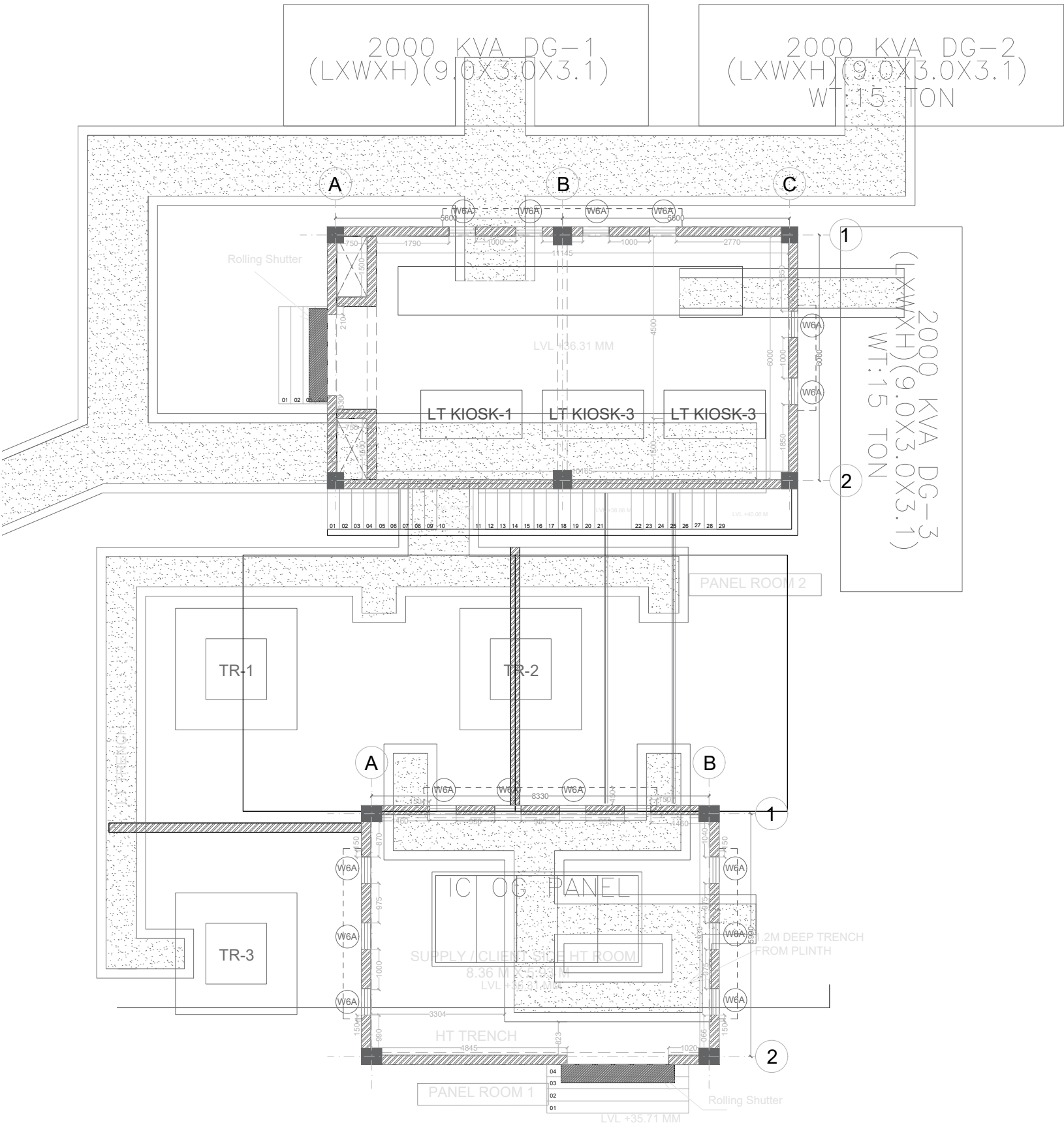


KEY PLAN

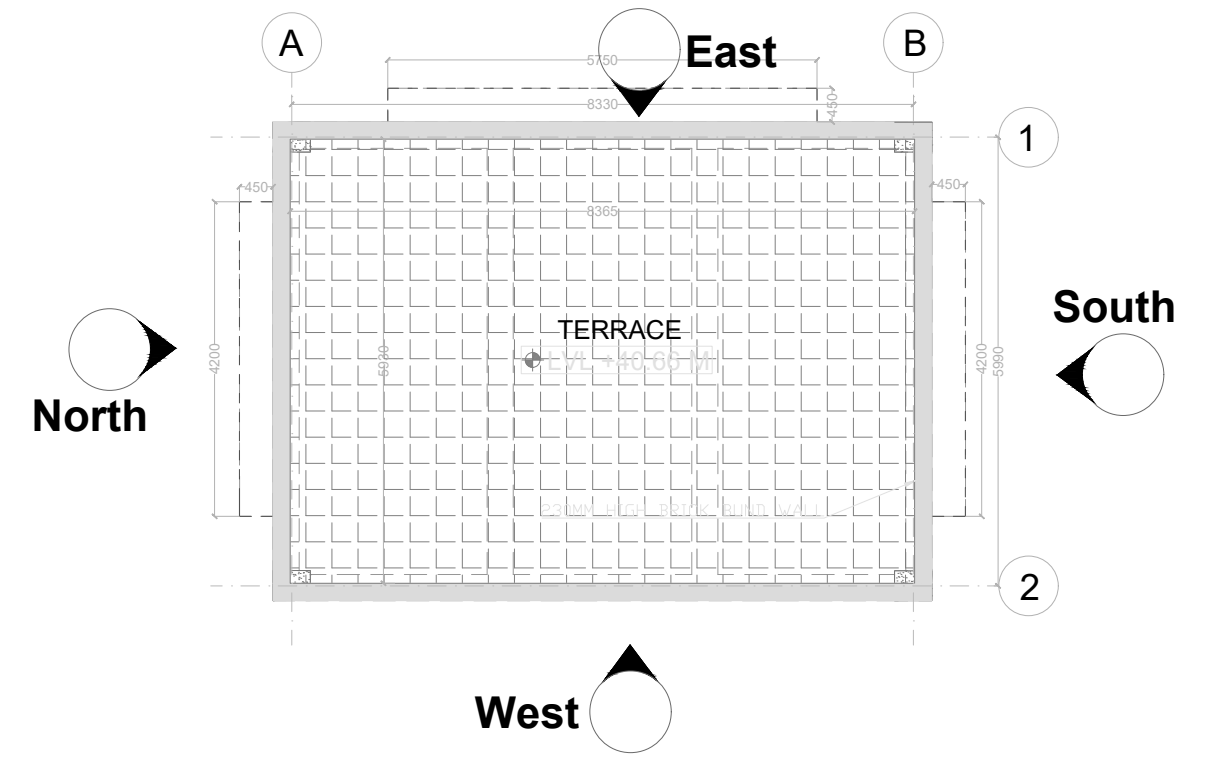
ARCHITECT'S SIGN:

SHASHI PRABHU AND ASSOCIATES

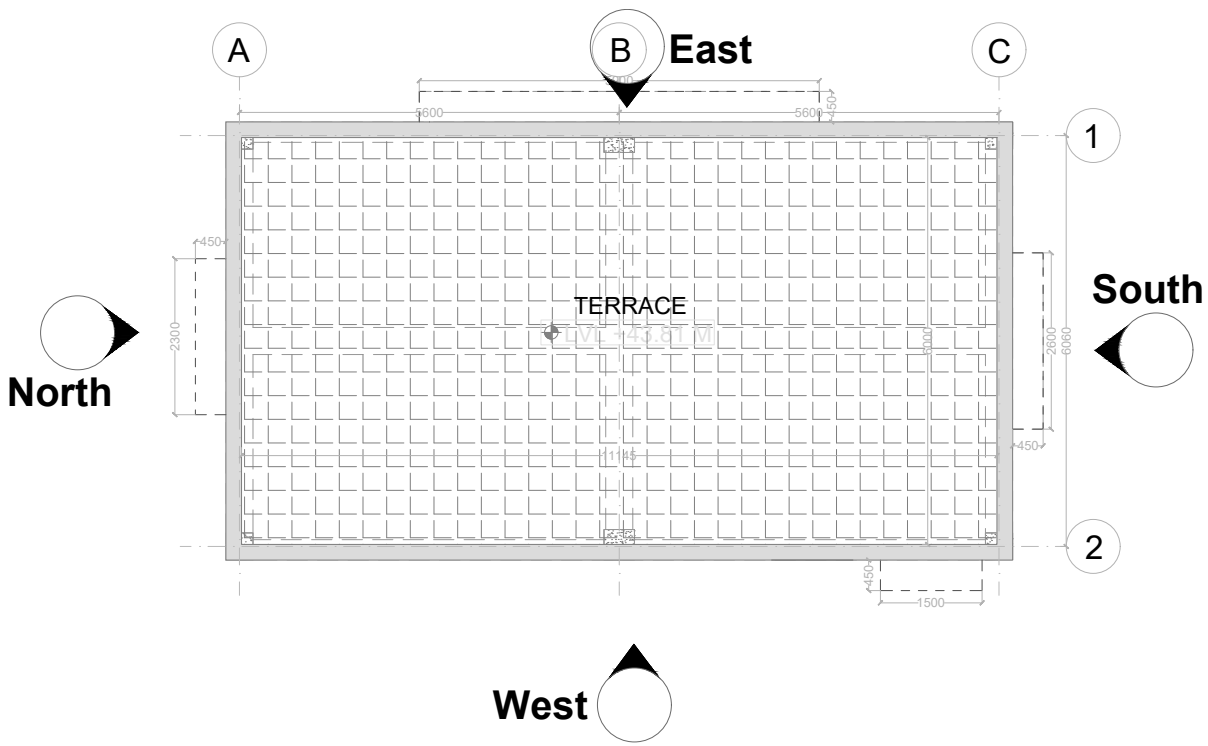
SUBSTATION



SITE PLAN

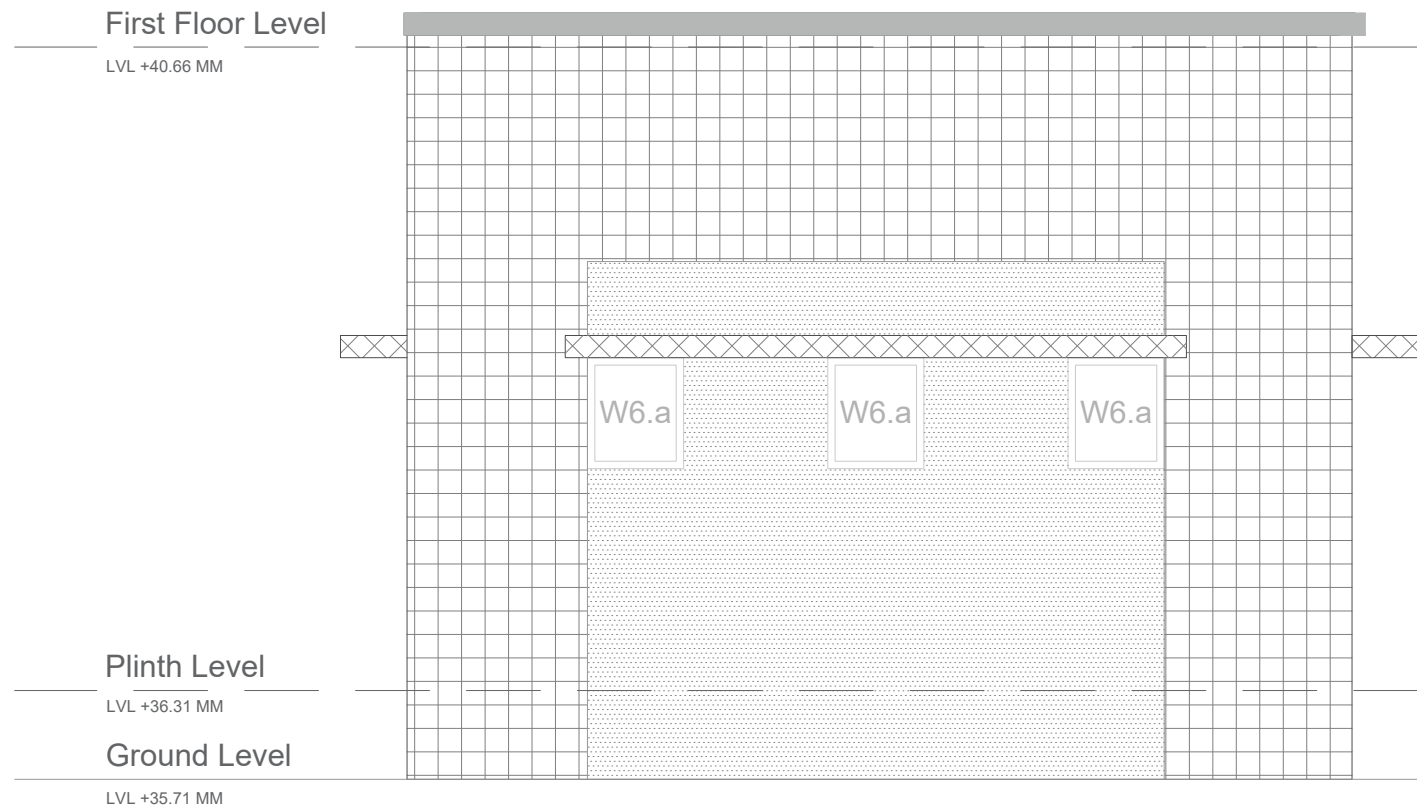


ROOF PLAN - PANEL ROOM 1

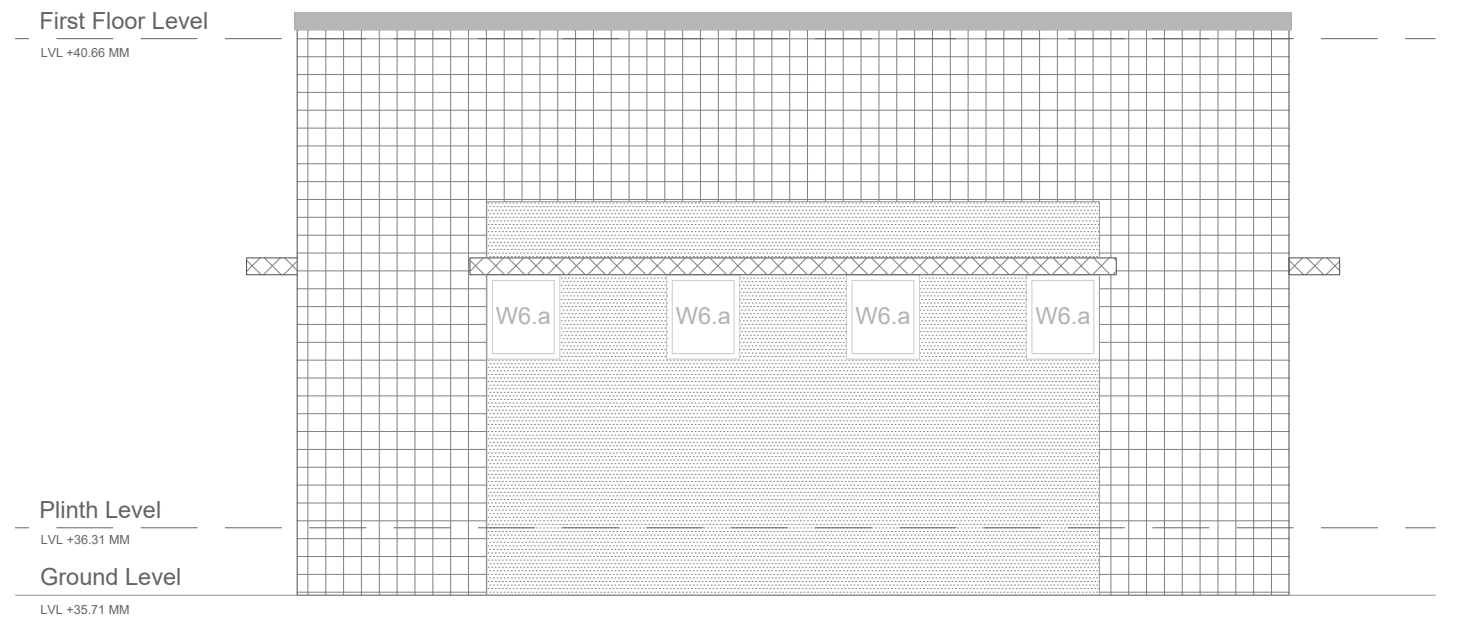


ROOF PLAN - PANEL ROOM 2

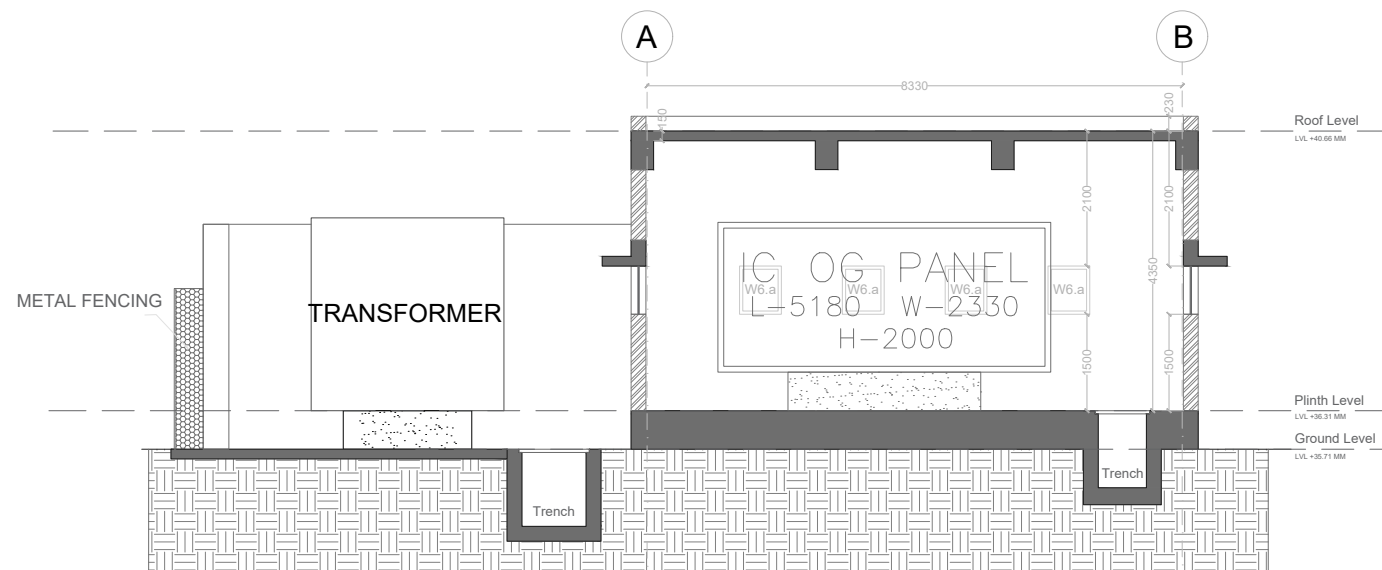




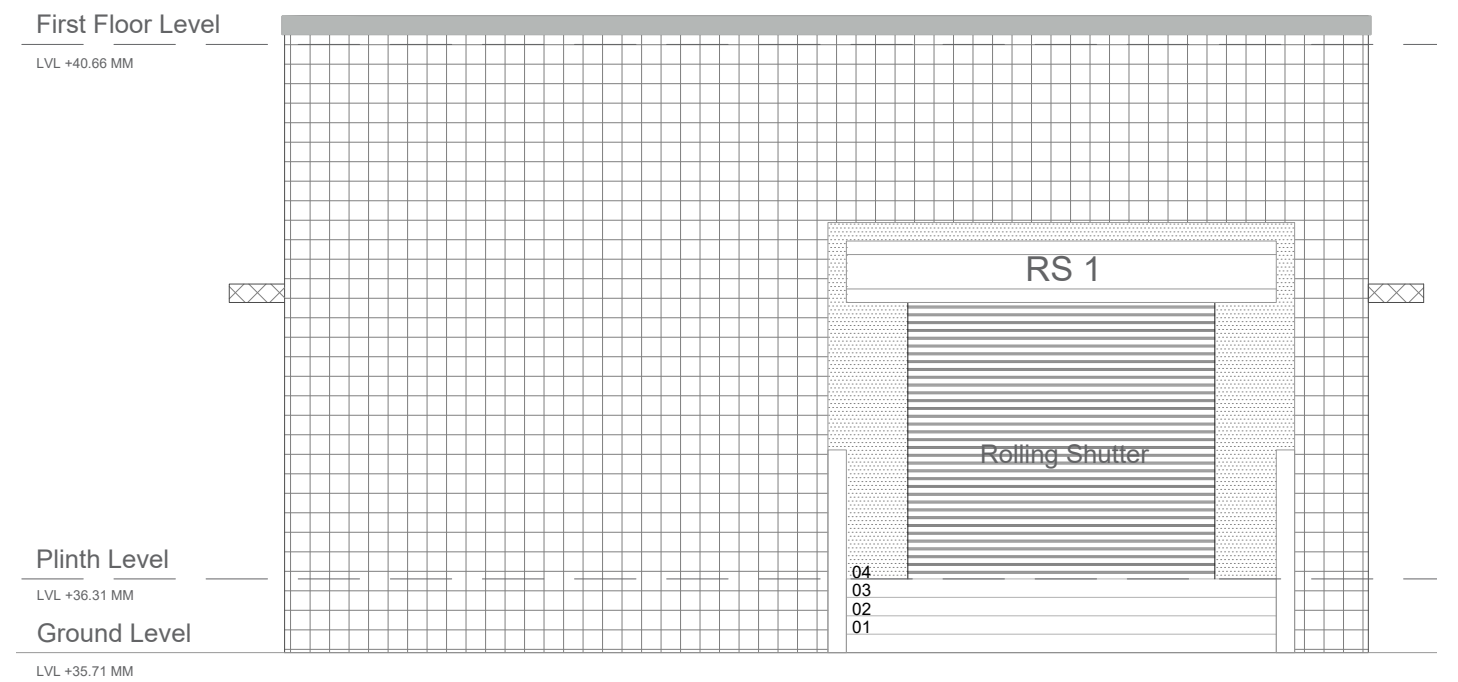
NORTH AND SOUTH ELEVATION - PANEL ROOM 1



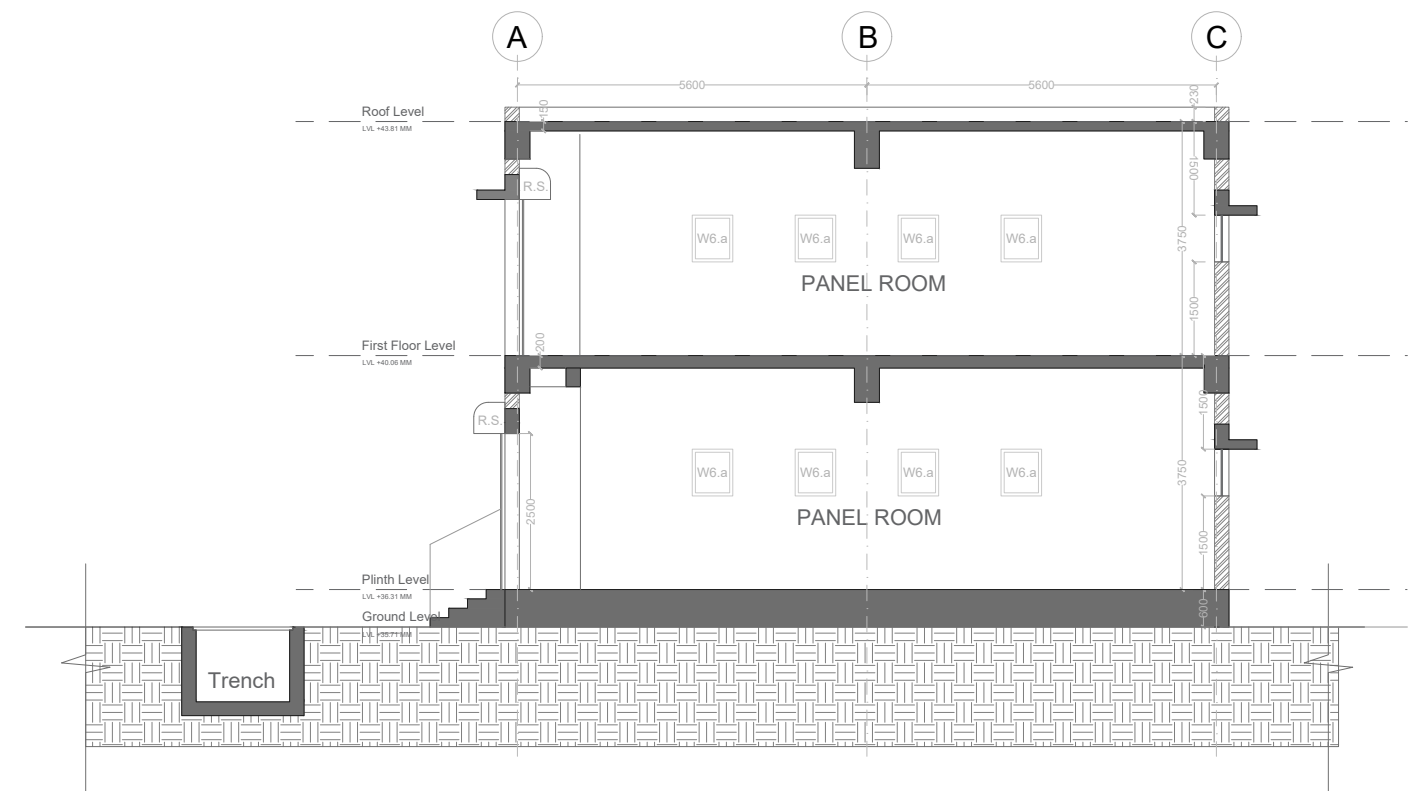
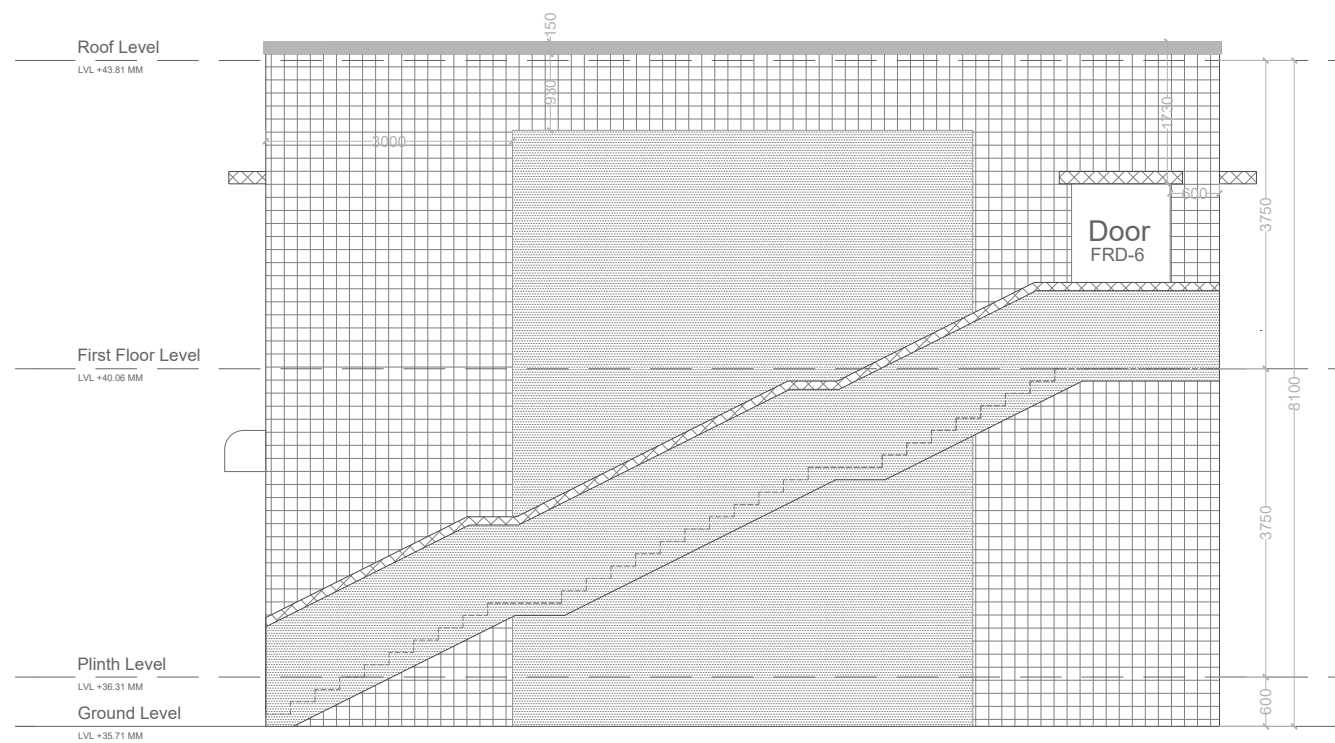
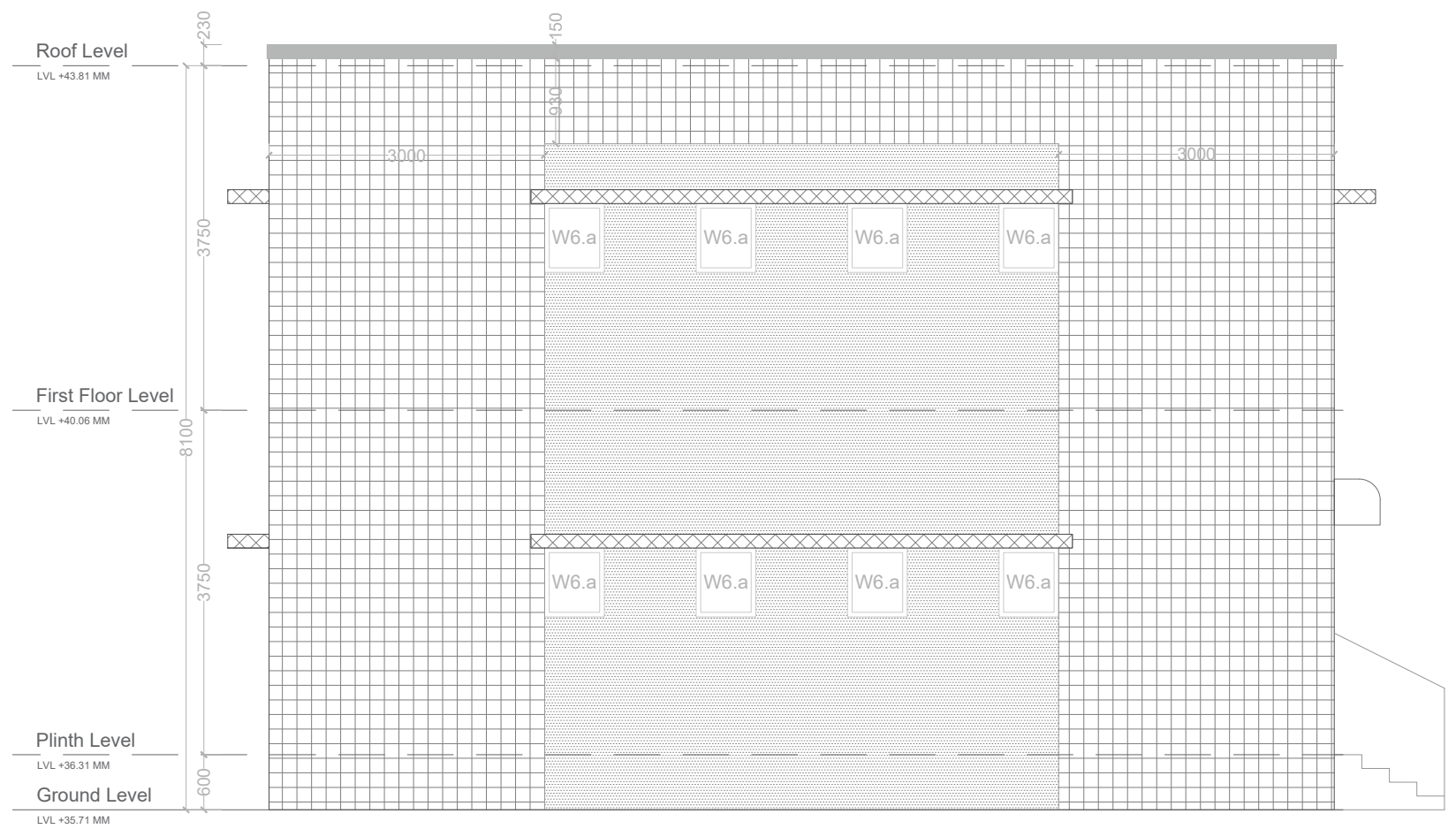
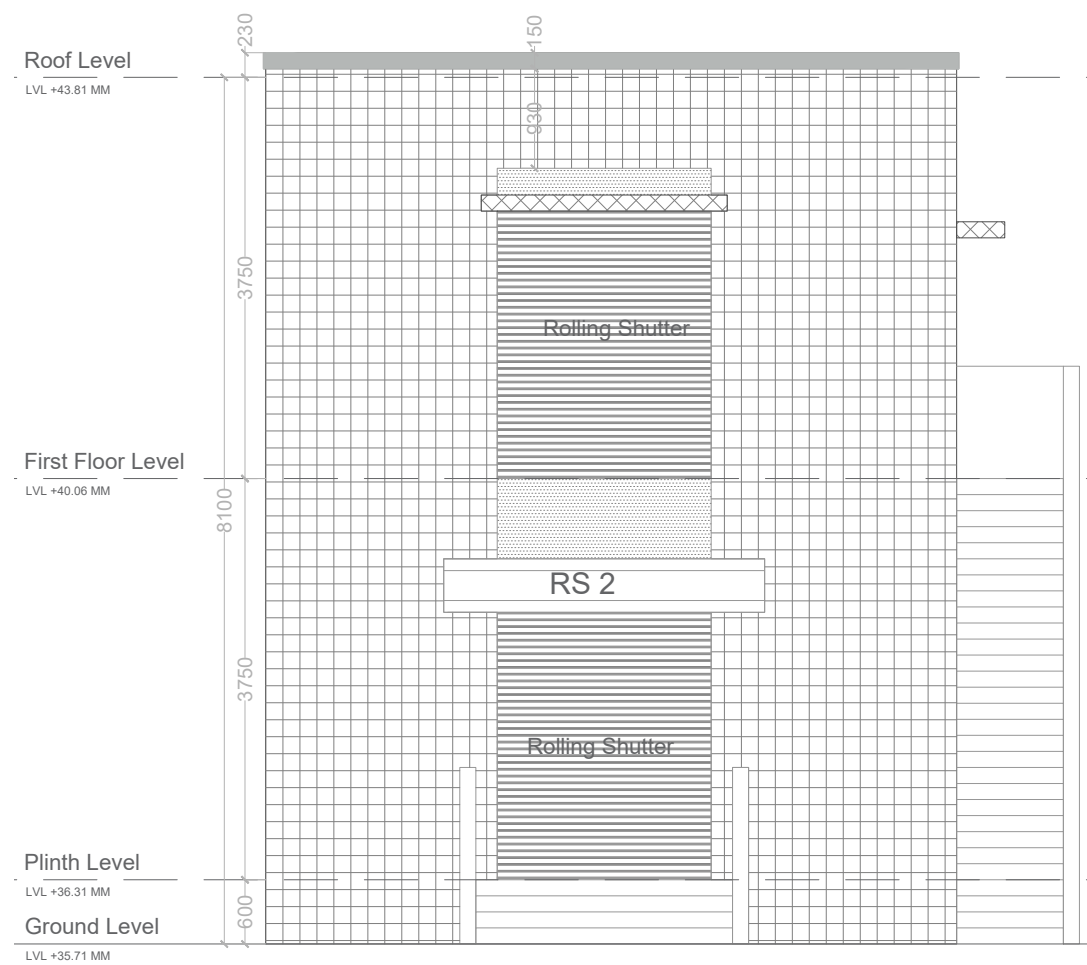
EAST ELEVATION- PANEL ROOM 1



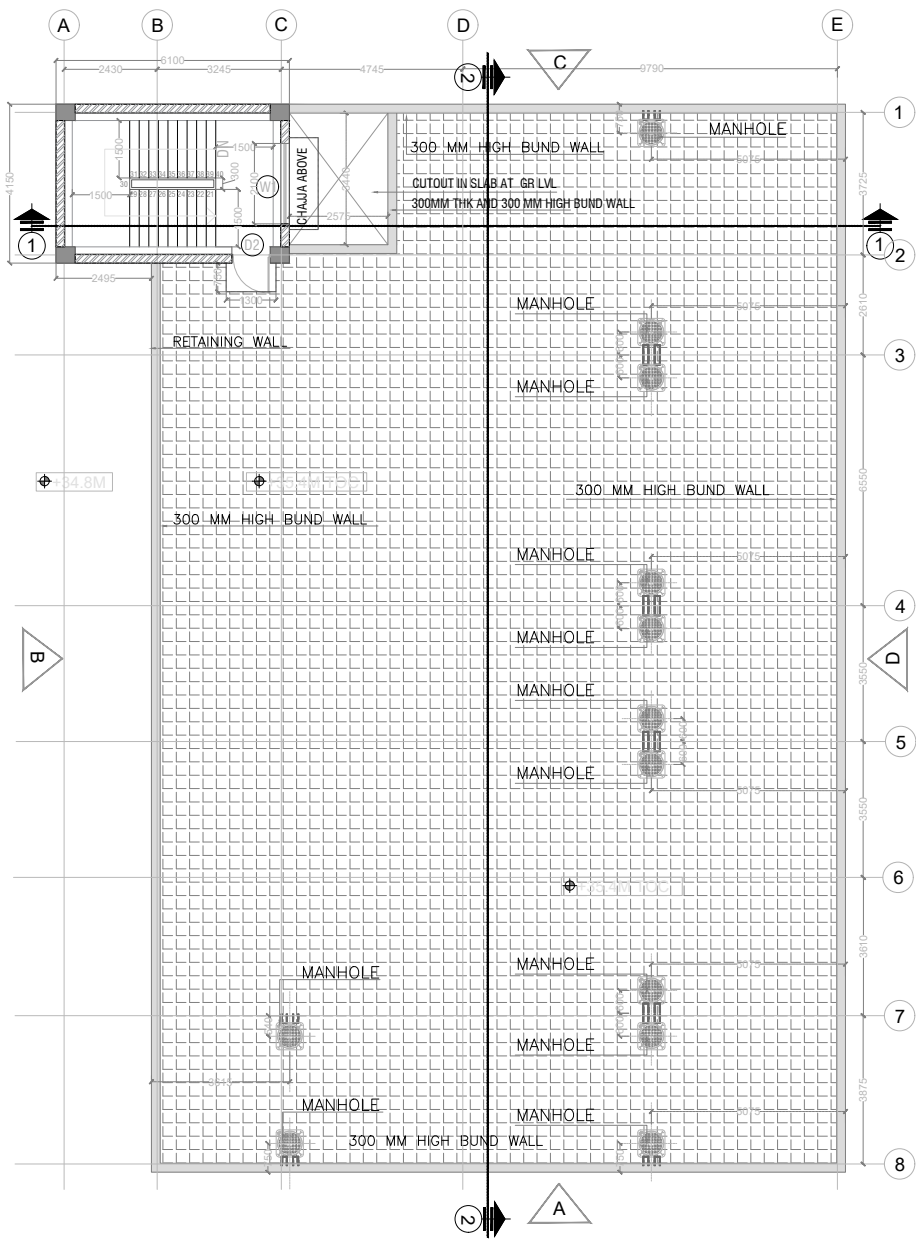
SECTION BB - PANEL ROOM 1



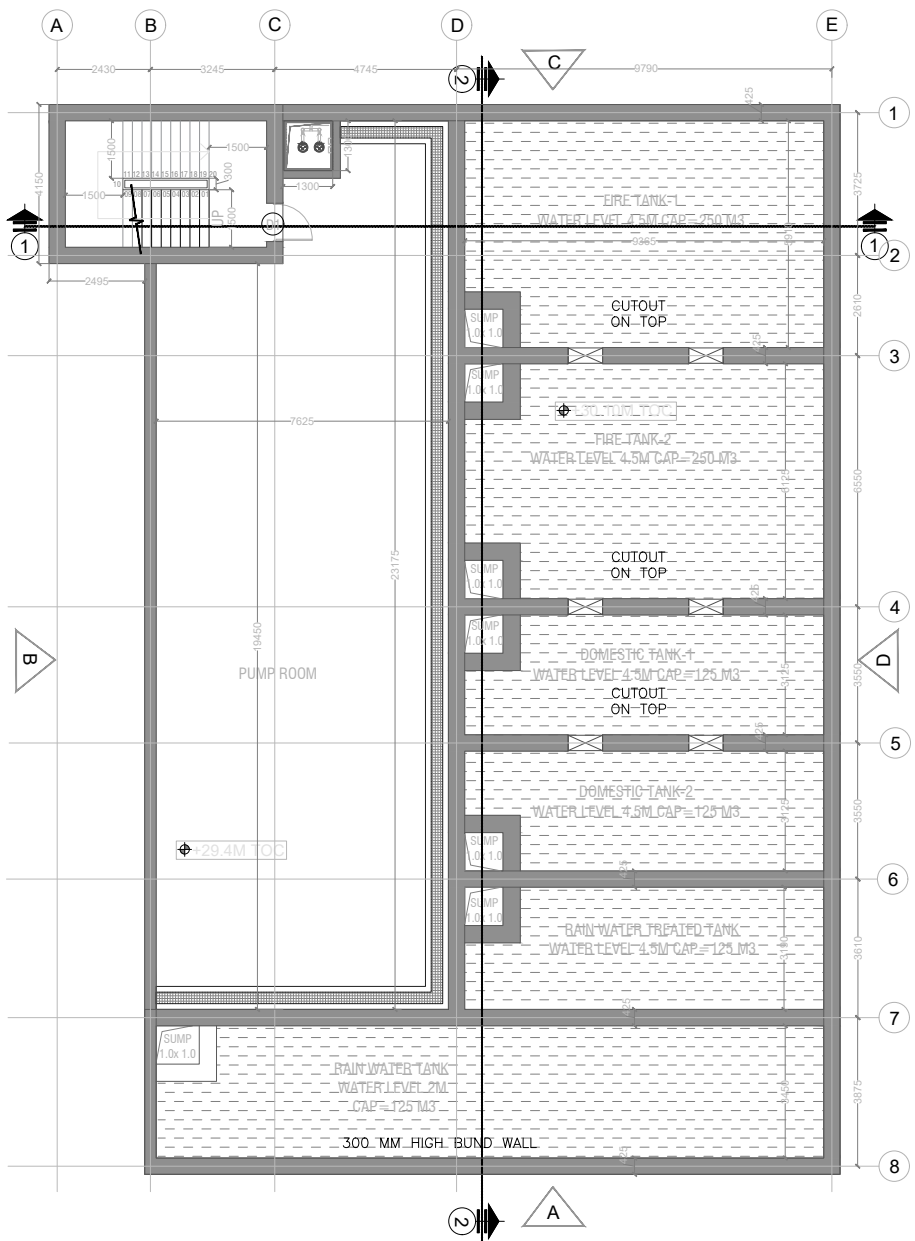
WEST ELEVATION - PANEL ROOM 1



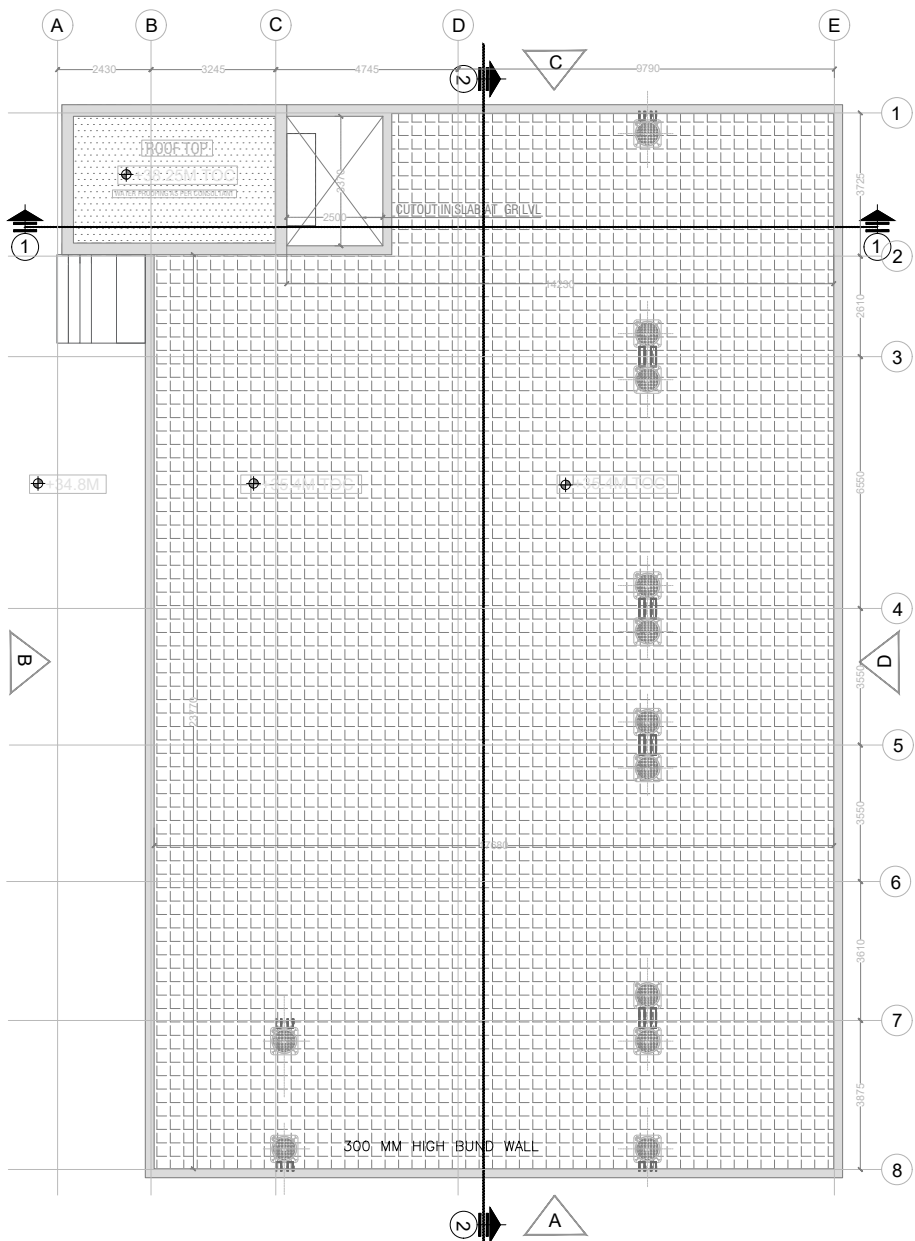
UNDER GROUND WATER TANK



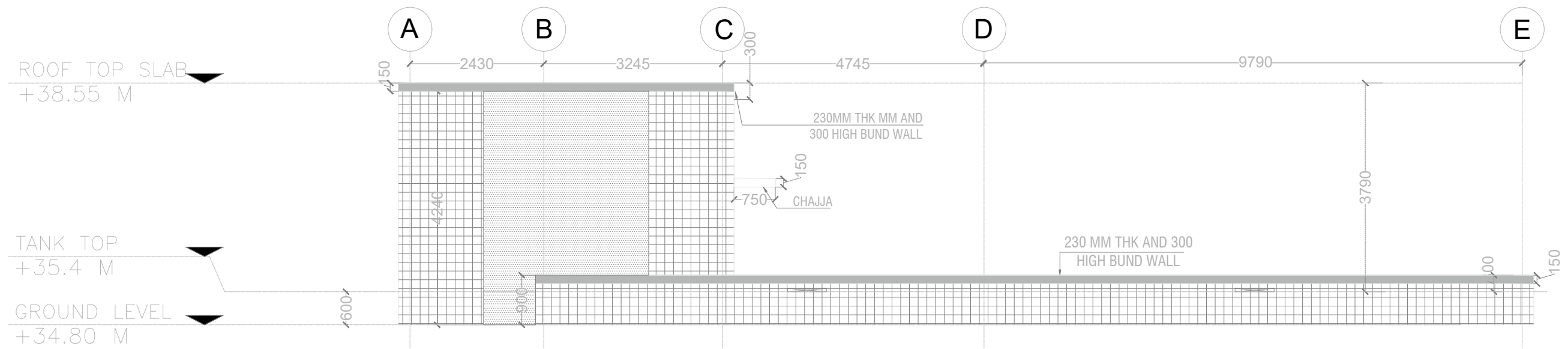
GROUND FLOOR PLAN



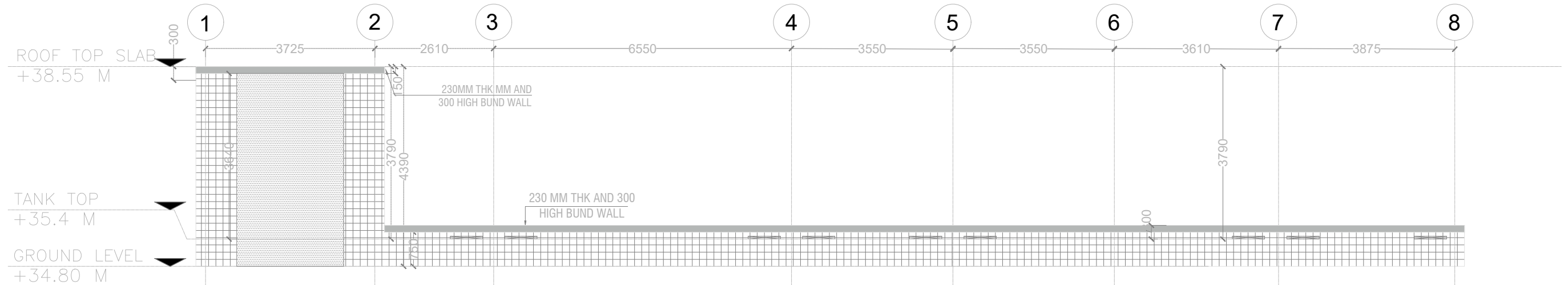
MID LANDING FLOOR PLAN



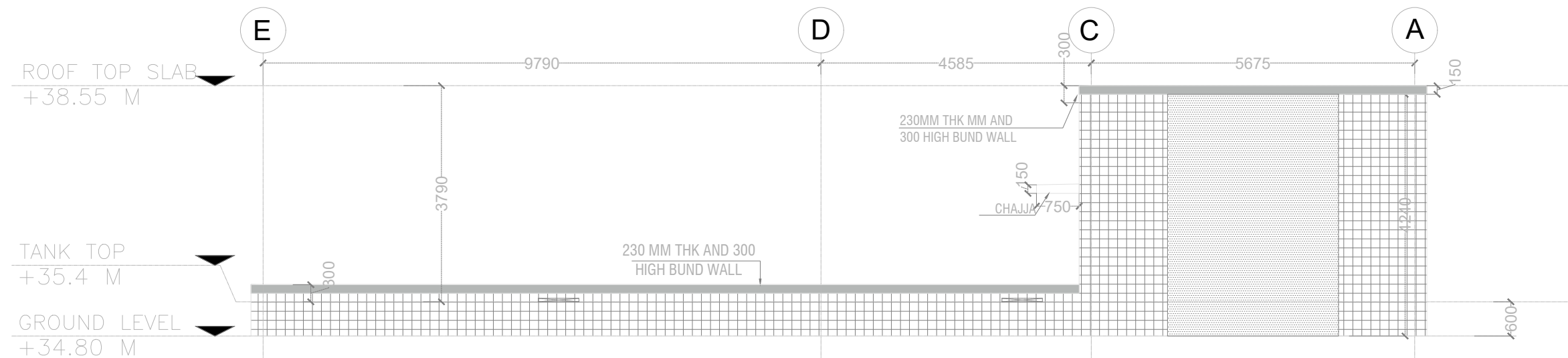
ROOF PLAN



ELEVATION A

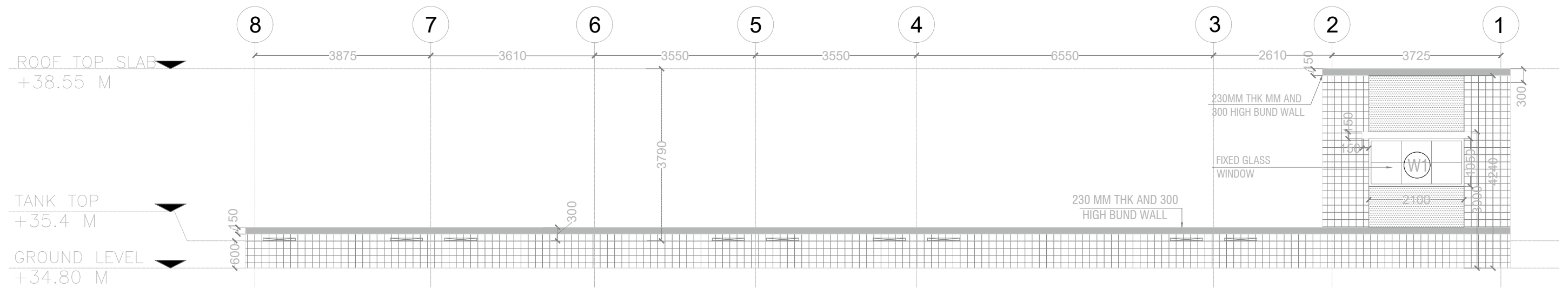


ELEVATION B

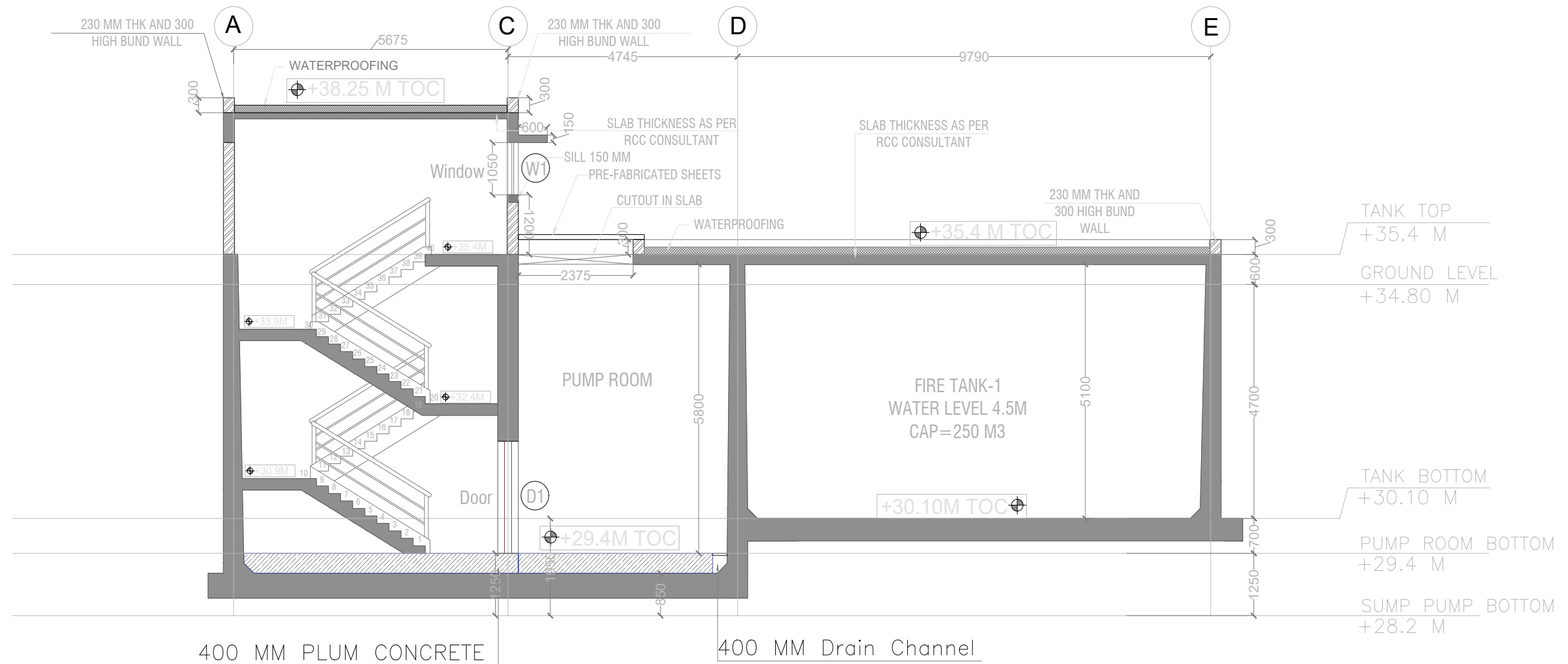


ELEVATION C

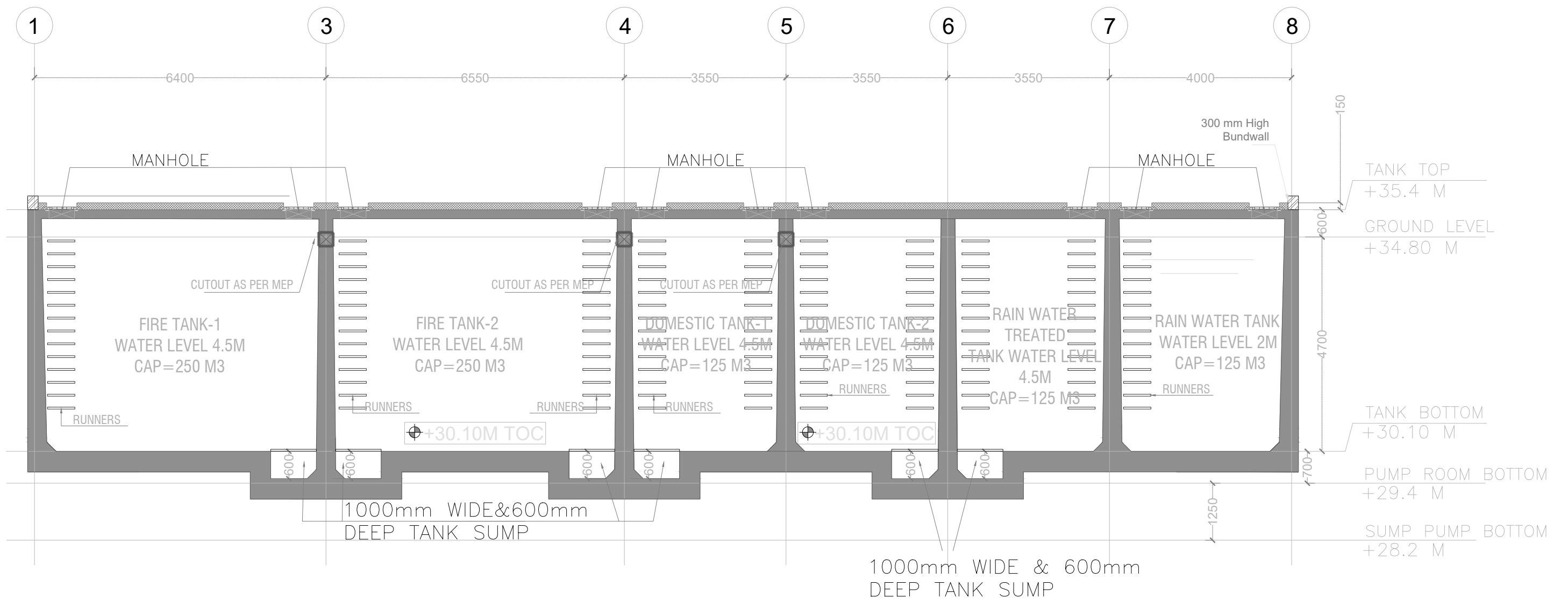




ELEVATION D



SECTION 1



SECTION 2



SITE VISIT

Curing takes place immediately after concrete placing and finishing, and involves maintenance of desired moisture and temperature conditions, both at depth and near the surface.



Checking the strength of concrete
Three samples of concrete blocks are made and the weight is notes fort the density then the block is places in the machine then point load is applied and the measurement is taken when there is a crack .This is taken once for 7 days (minimum strength)and then for 15 day (maximum strength).



Cranes used for the transportation of concrete



Tree survey for the building boundary



Shuttering



Sunken slab



One way slab



SITE VISIT

Service floor where the all the pipes and the shafts from above gets redirected to the main shaft .



Checking the excavation of the underground water tank



duct ,shaft and elevator beffore completion



H Shuttering frames which is made of mild steel to keep the shape of concrete .



Samples of tiles are sent to the quality control office to test the quality



BALE WADI - MULTI GENERATIONAL PARK

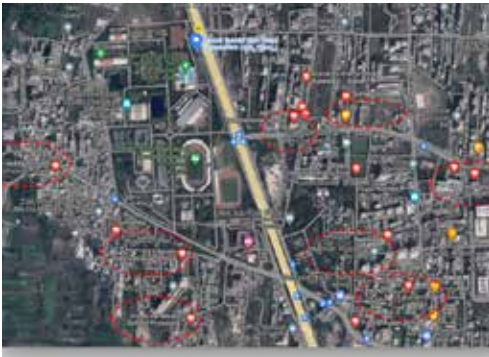
PROJECT TYPE : SPORTS
LOCATION: BALEWADI,PUNE
PROJECT STATUS: PROPOSAL

The increasing individualization of our society is particularly evident in changes to recreation and athletics. It is increasingly rare for individuals to focus on one main form of athletic activity. As a result, options for recreation in public spaces need to be functional for everyone at any moment, without added expense

when it comes to money and time. The park has “quiet” walking paths and “active” paths that serve as rapid bicycle connections. In this way, it combines options for action and for relaxation. The calm circular route offers space for relaxing activities like taking a walk in the fresh air, Nordic walking or jogging. These paths have many options for sitting and relaxing, meant to encourage communication among visitors. The active paths offer action and sports activities for all age groups. Apart from a place to play, it is also a meeting place for young people.

AGE	NEED	SPACE
0-13 –Young kids	Playing	Play Ground
13-19 –Teenagers/Students	Playing /Practice a Sport	Skating Rink, Flexible Field, Sand Pit, Dog Park
20-50 –Young Adults /Mature/Parents	Relieve Stress /Enjoy Nature/Fitness/Play with Children/Walk their Pets	Flexible Field, Sand Pit, Dog Park, Lawn and Parking
50 and above – Elders	Enjoy Nature/Fitness/To watch their Grand Children Playing/To Bond	Civic Park, Outdoor Gym
All users	Urban Plaza, Community Area, Urban pocket	

WORKED IN :
Did Research Work on Multi-Generational Park. Did Case Studies of projects around the world, Zoning of the spaces, User analysis, Drafted and rendered Floor plan and made Illustration to depict them.

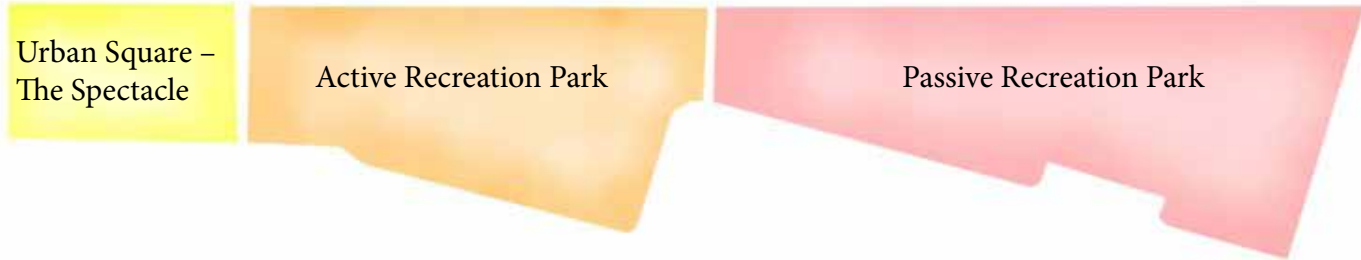


Schools Around 1KM Vicinity
User :Kids and Teenage Kids



Residences Around 2 KM Vicinity
User :Family and Working Class Individuals

BASIC ZONING

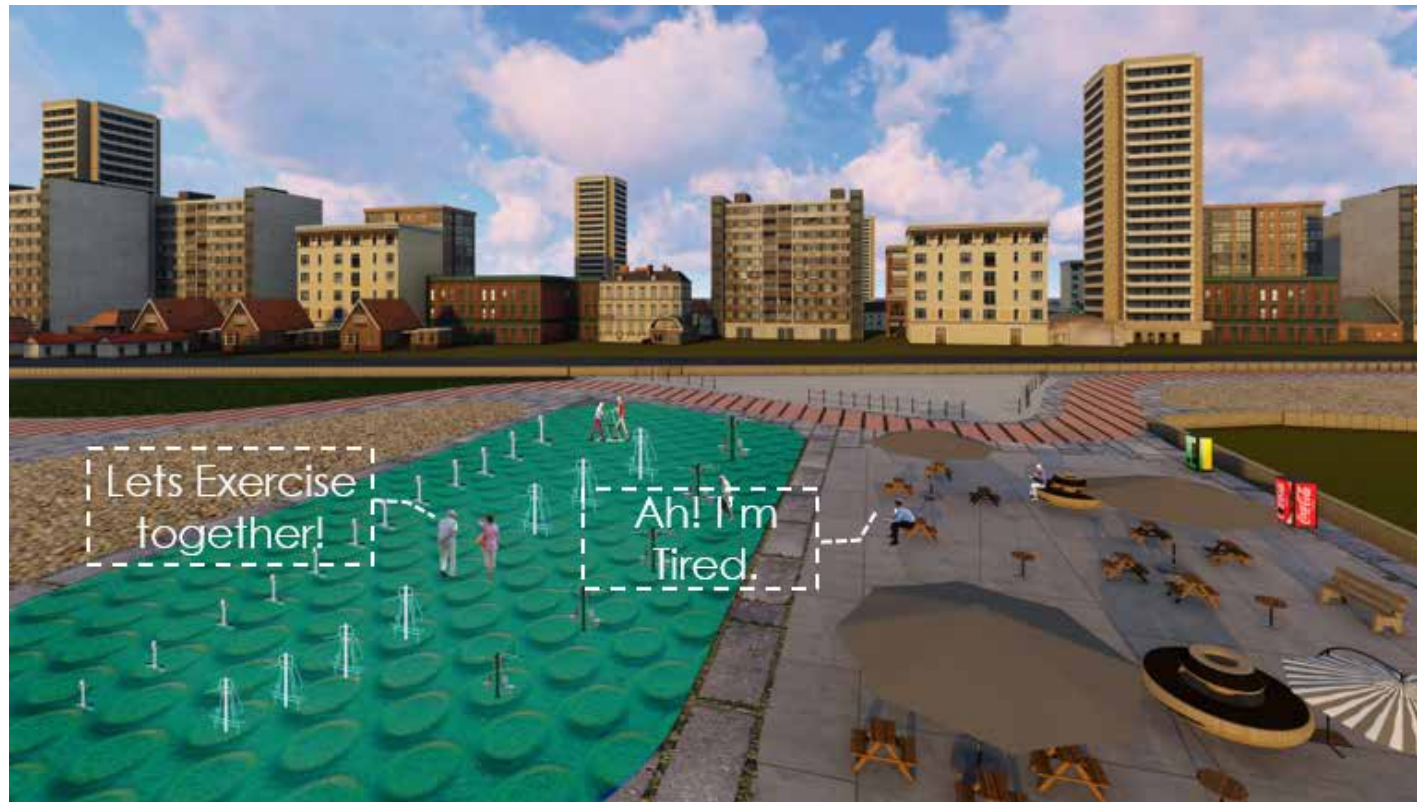


- | Urban Square –The Spectacle | Active Recreation Park | Passive Recreation Park |
|---|---|--|
| <ul style="list-style-type: none">✓ Has a Art Display or a Sculpture to represent Bale wadi✓ Has Seating Area and Semi –Private Spaces to sit✓ Catches eyes of people to invite them inside the park | <ul style="list-style-type: none">✓ Flexible Field For Inexpensive Games✓ Community Area and Sand Pit✓ Outdoor Gym and Skating Rink | <ul style="list-style-type: none">✓ Has the civic park for the Older Age Group of users✓ Playground is places there cause of visual access for the parents of the children✓ Lawn for family picnic or relaxing and enjoying the nature |





ILLUSTRATIONS



GAZETTED OFFICE REST FACILITY

PROJECT TYPE : RESIDENTIAL

LOCATION: BANDRA,MUMBAI

PROJECT STATUS: PROPOSED

The necessity of residential facility for officers in places that they feel proud to belong to & reside in is accomplished at this welfare center. This center is a second home to the officers who visit the city for their respective work sessions.

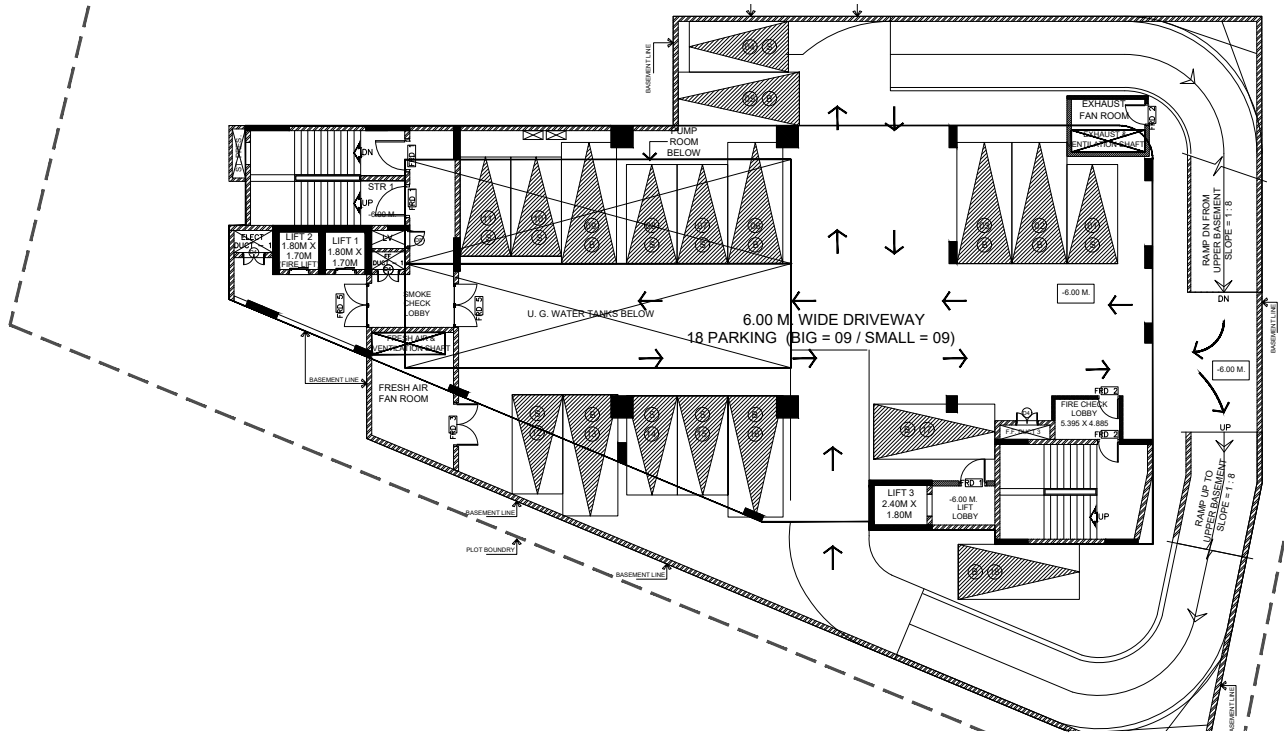
A transient housing design, which is just not about space standards but having a flexible approach to meet the needs & aspirations of its occupants. Total 8378.24 sq.m of gross built-up space is stacked vertically, comprising of B + G + 8 floors. The guest room floors are planned with 10 guest rooms & 2 floors (first & second) are 4 dormitories, with 10 feet clear height. Provision of parking facility for 36 cars is made in the basement and 6 on the ground level.

WORKED IN :

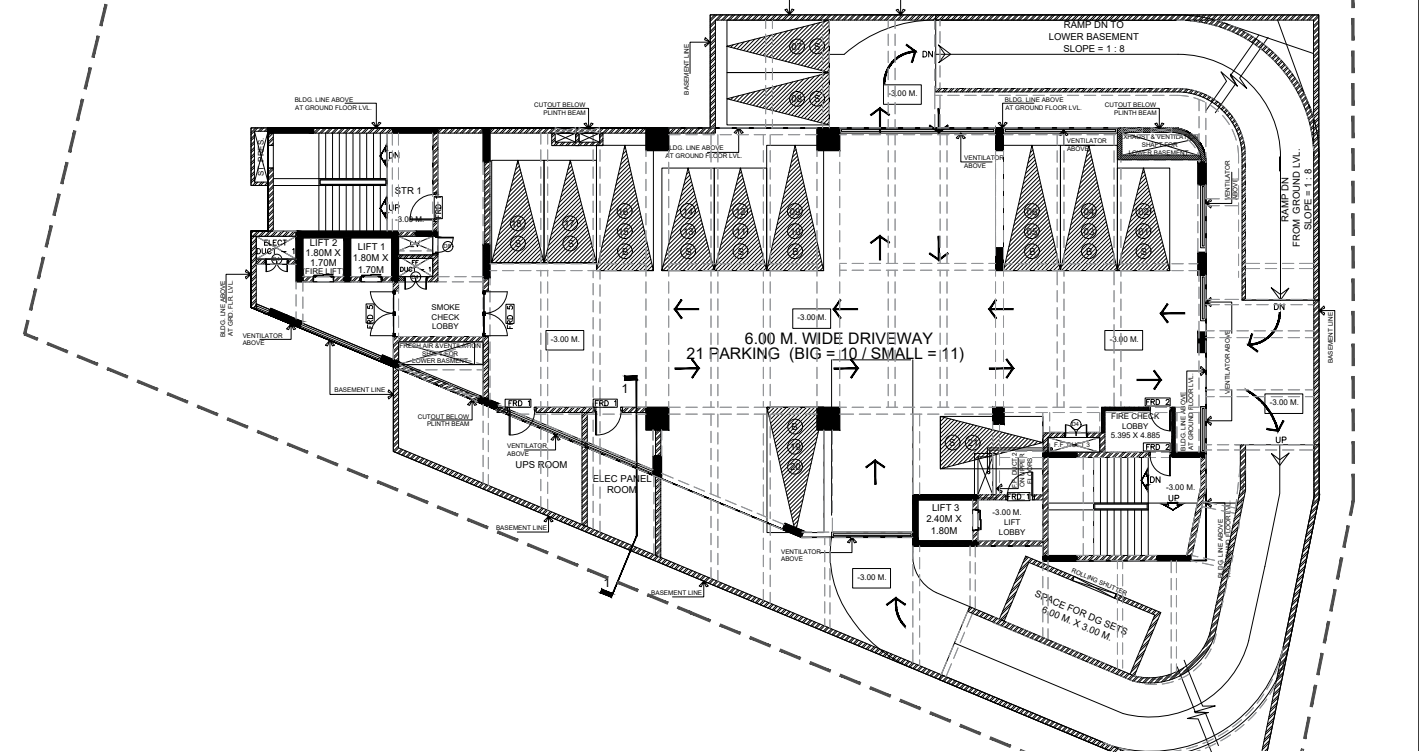
Generated Revit Architecture model with the changed floor plans. Revised the Auto CAD plan according to the latest changes. Generated Revit Structural model with the changed floor plans. Revised the Revit Models according to the latest changes.



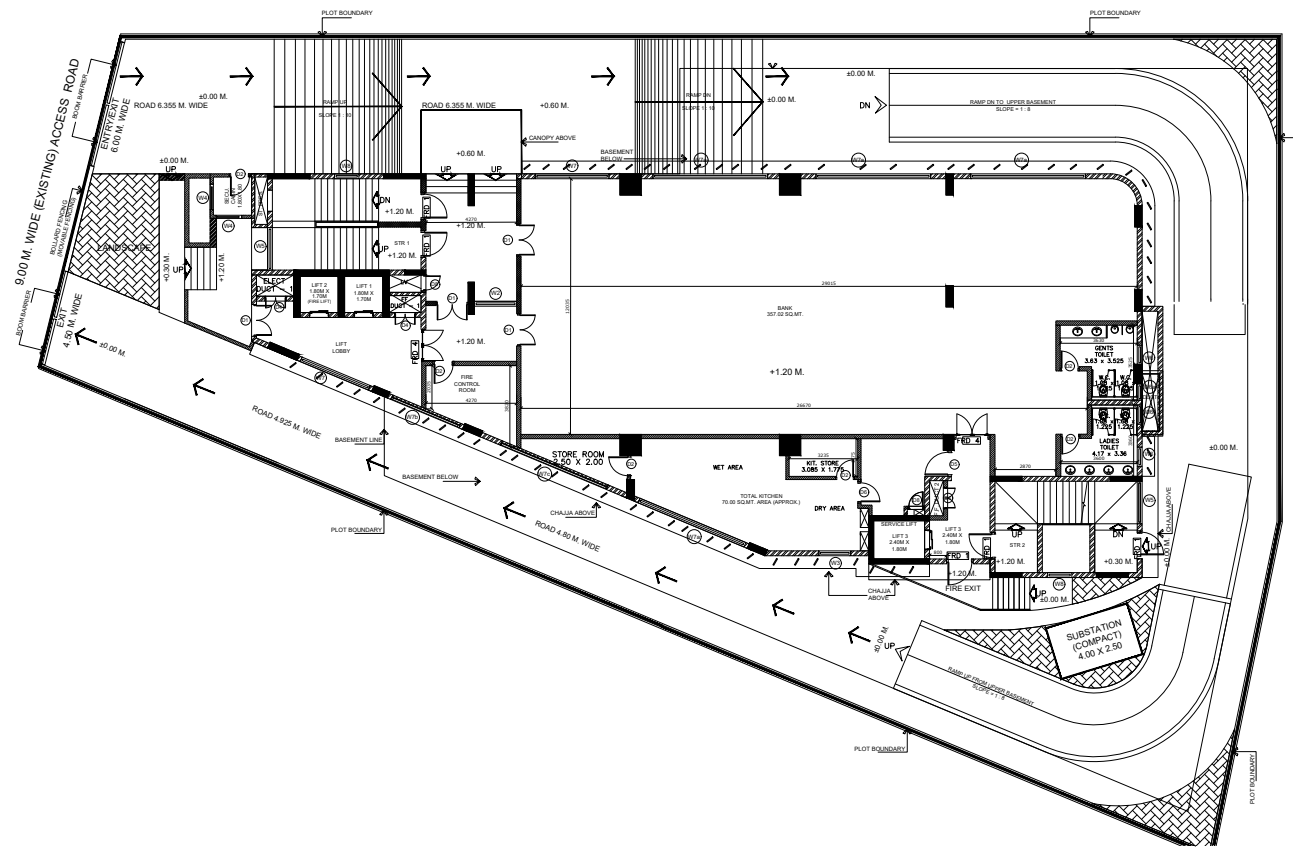
FLOOR PLANS



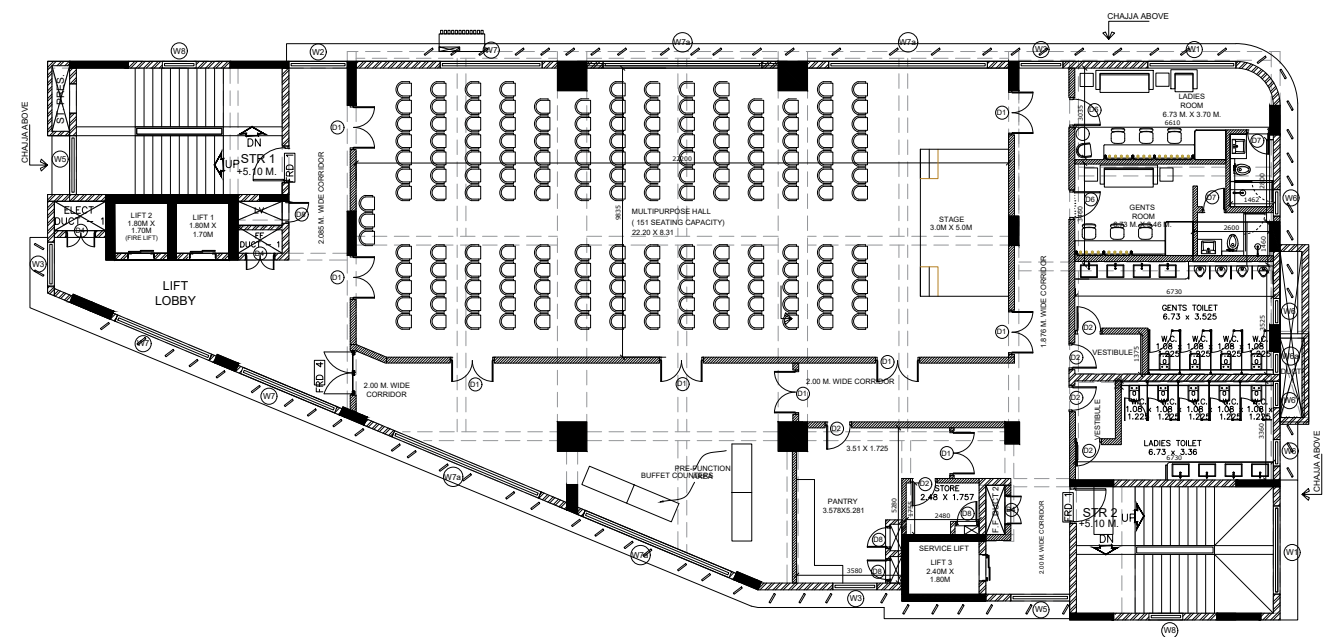
LOWER BASEMENT FLOOR PLAN



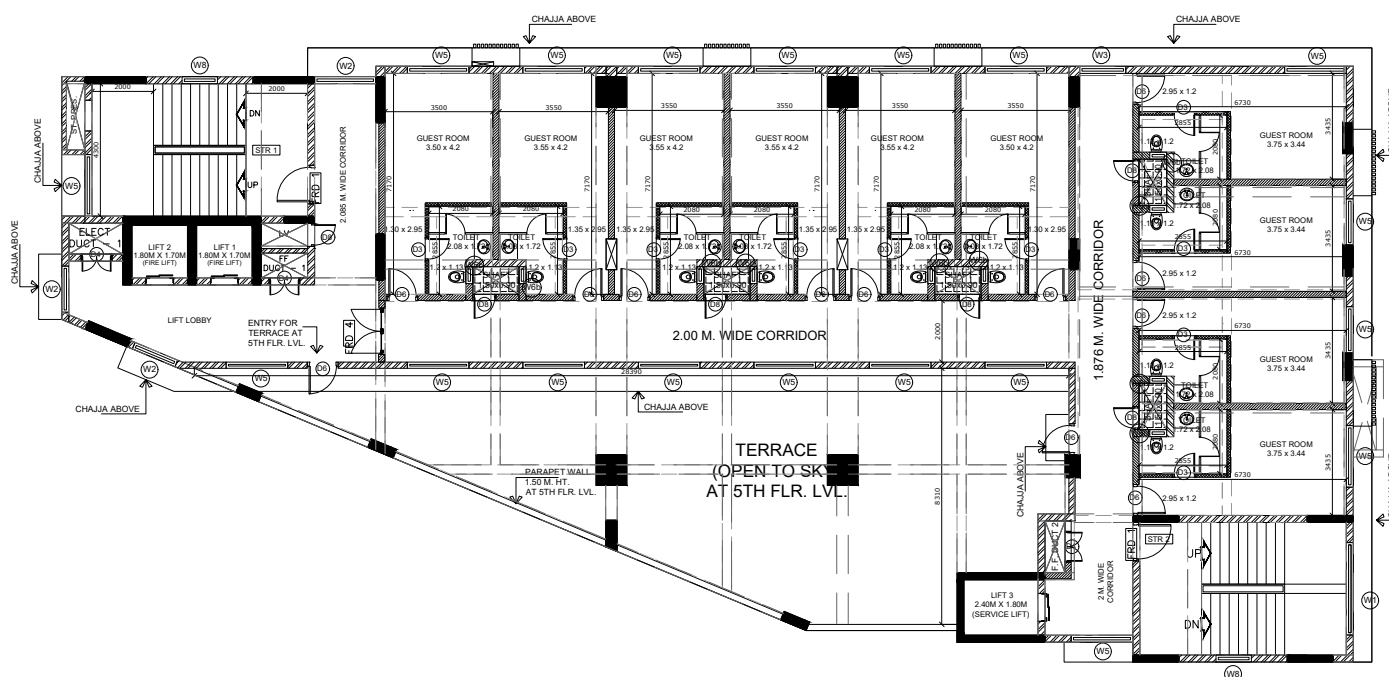
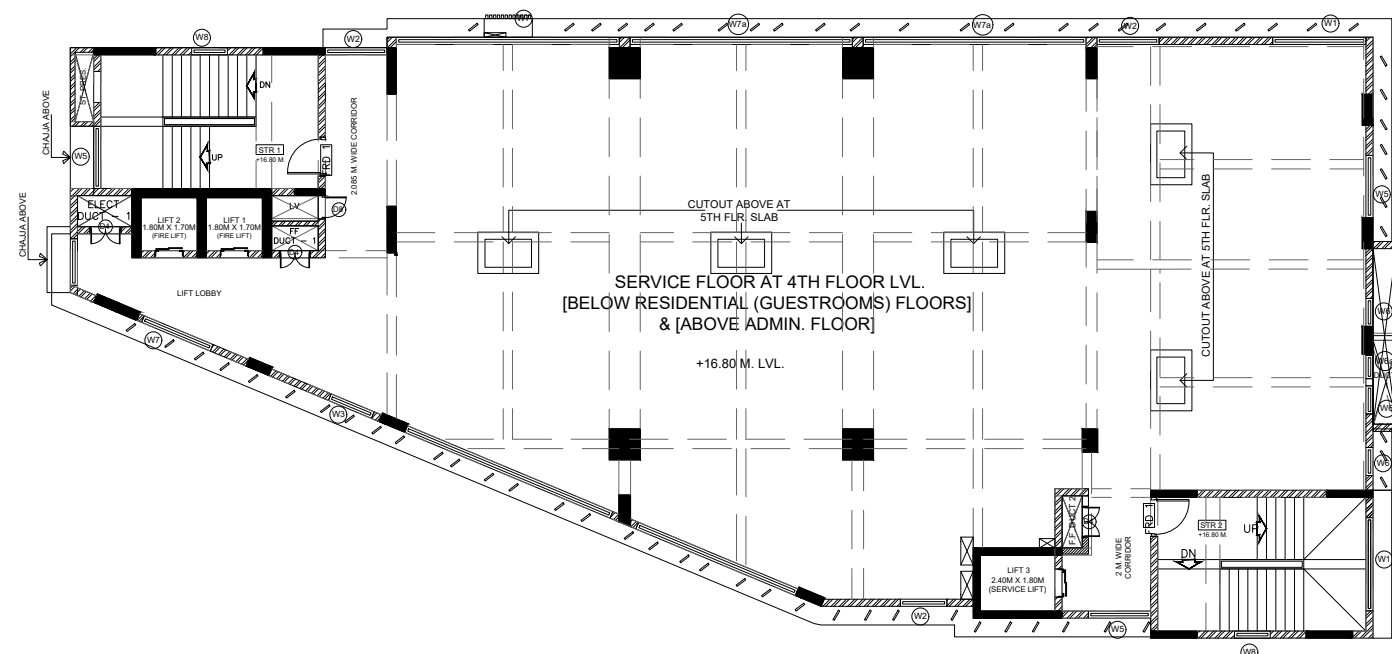
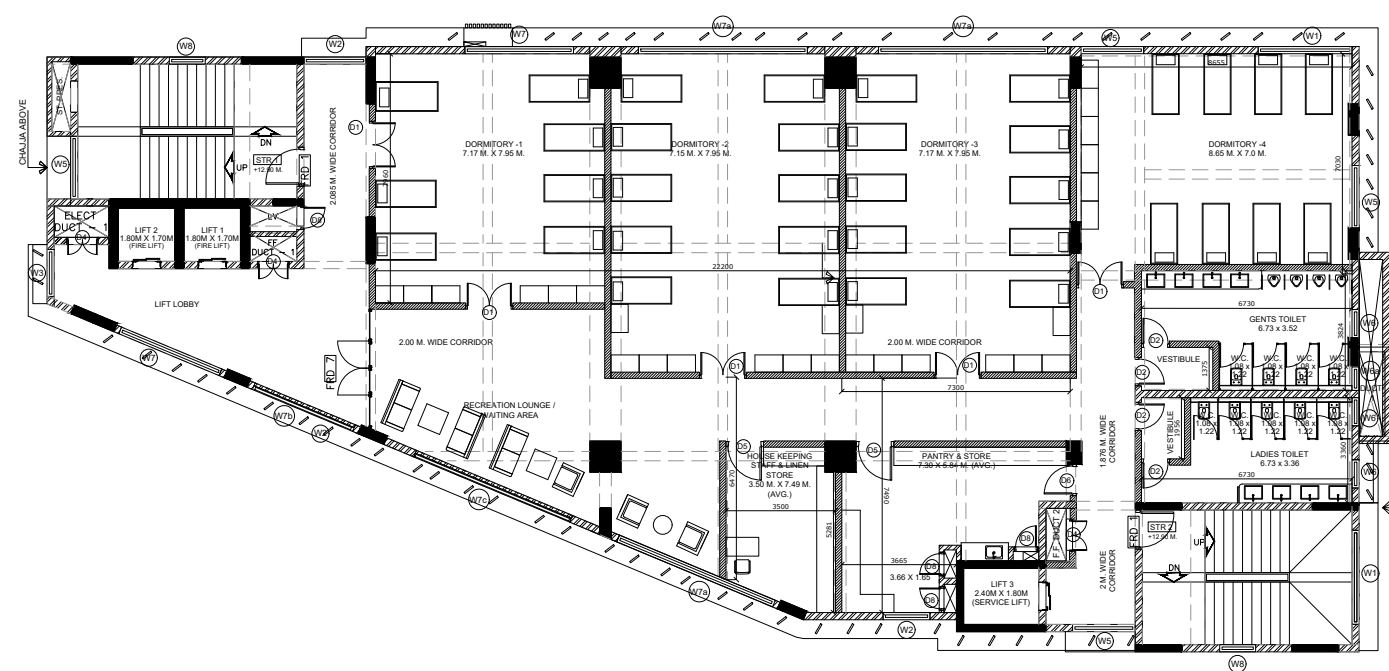
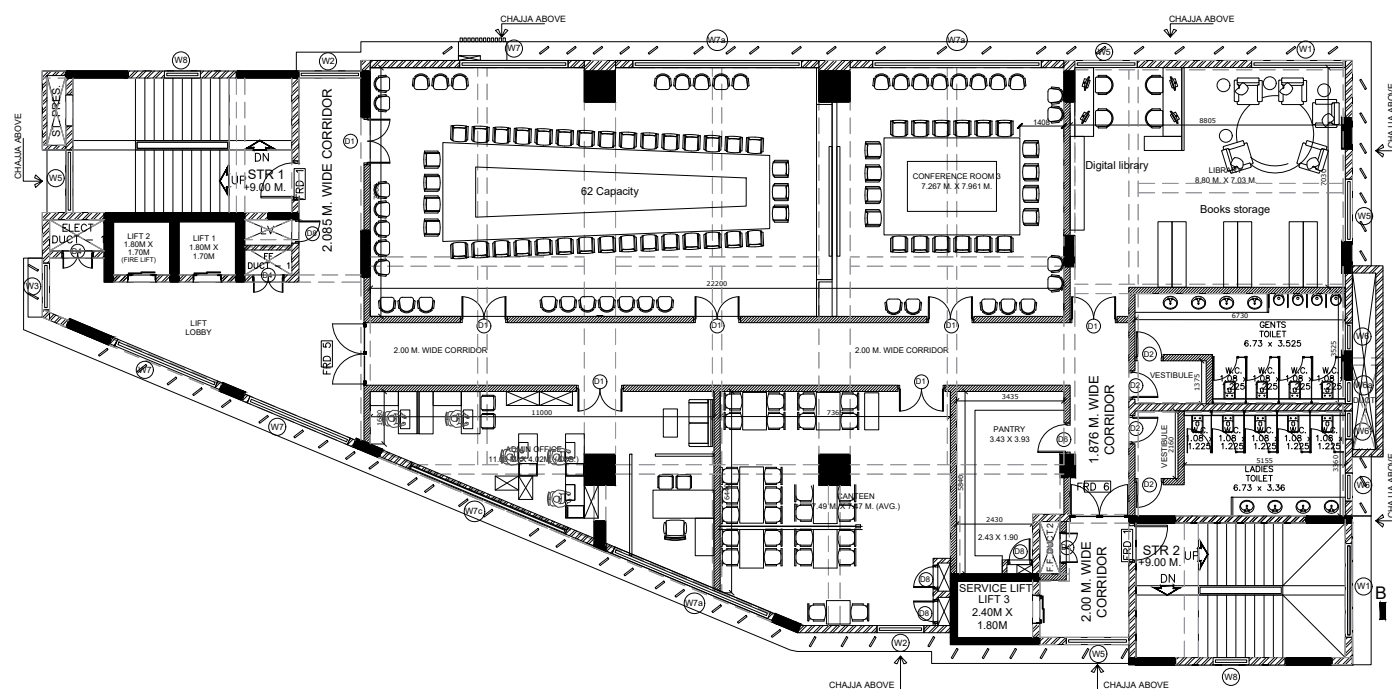
UPPER BASEMENT FLOOR PLAN

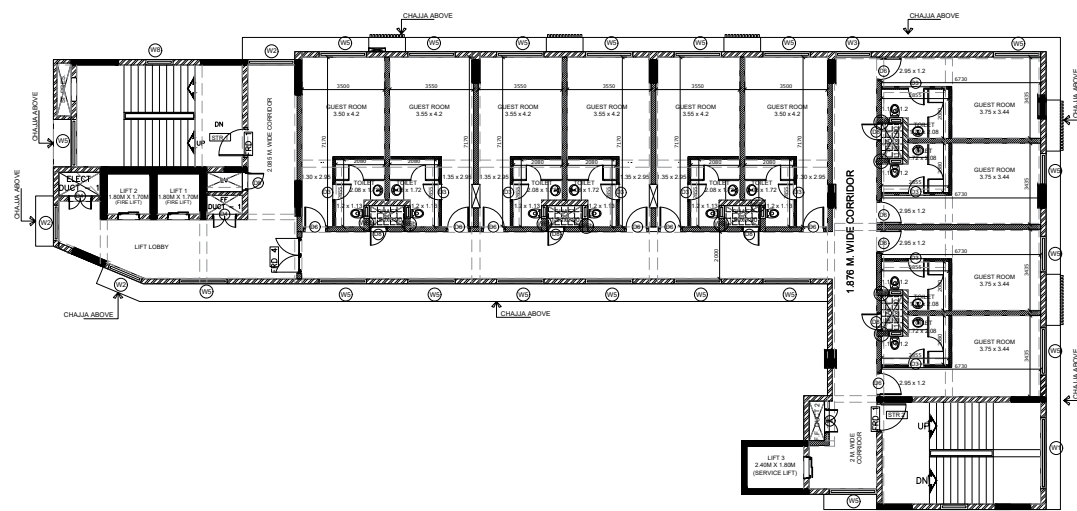


GROUND FLOOR PLAN

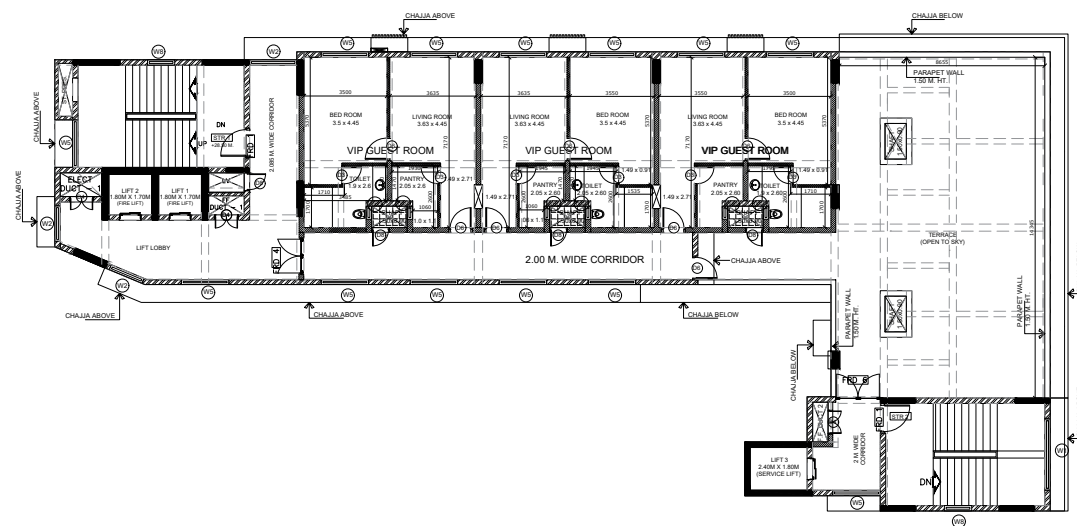


FIRST FLOOR PLAN

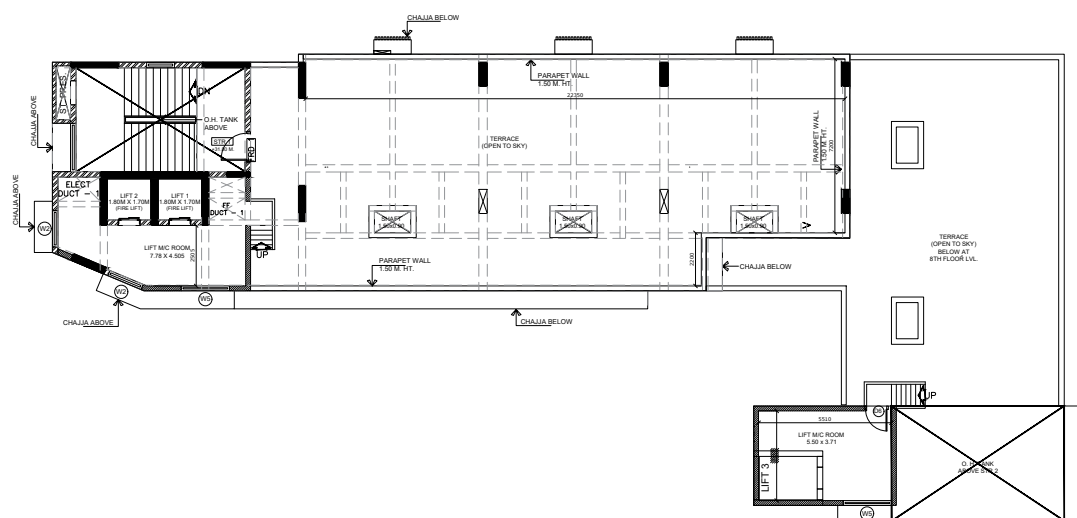




SIXTH AND SEVENTH FLOOR PLAN



EIGHTH FLOOR PLAN



TERRACE FLOOR PLAN



INFRASTRUCTURE

- *Multi-purpose Hall
- *Bank Premises
- *Open Terrace for Recreation at 5th floor.
- *Guest Rooms
- *Dormitories
- *Parking Facility

Natural textures and minimalistic lines, giving a rustic and warm polished look.

Concrete fins along with white texture paint, not only controls the amount of radiation entering the building externally but it pleasing to look at.

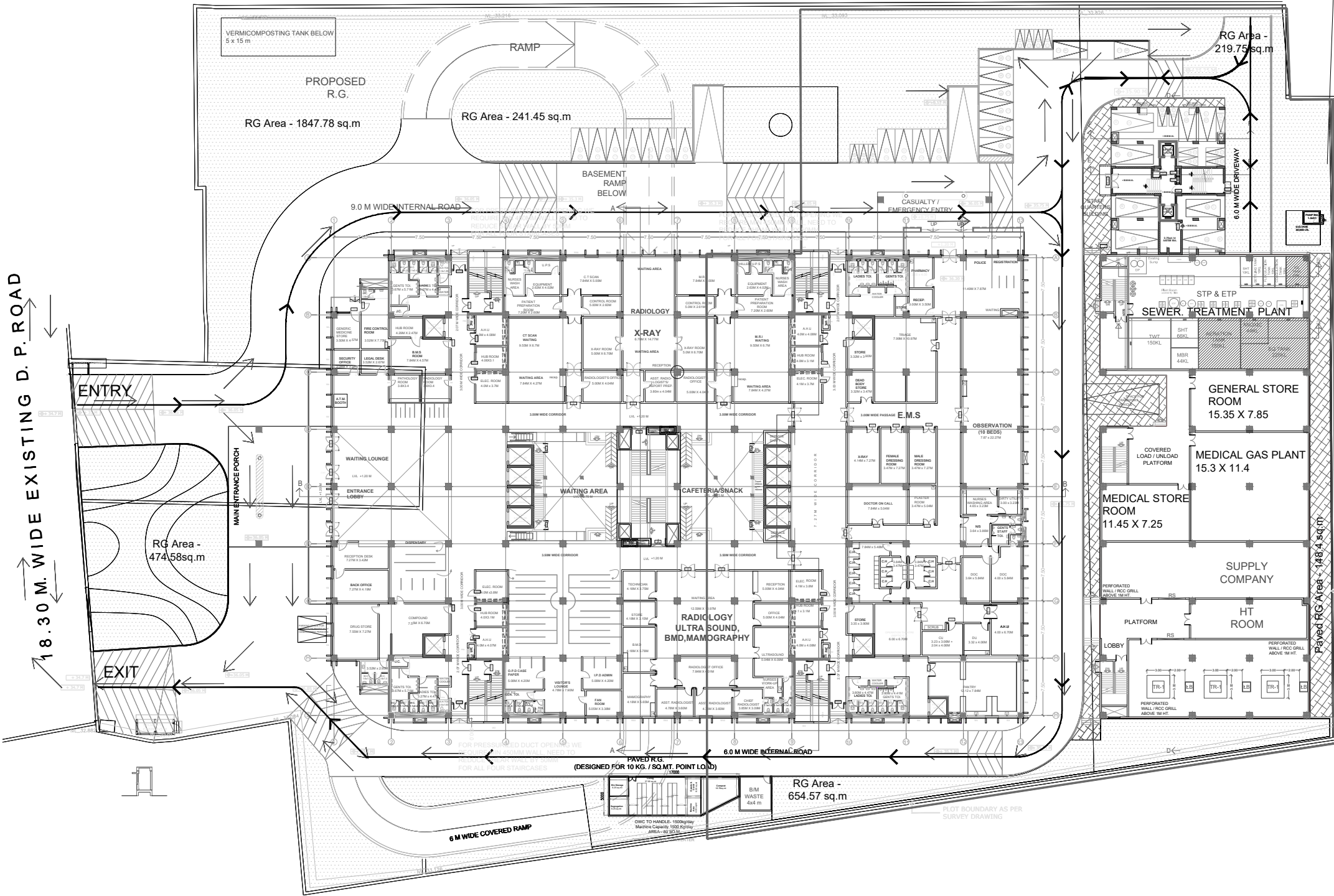
For a very contemporary look & clean feel, straight vertical lines with polished finishes have been used, also controlling the amount of direct sunlight through the building's windows

BHANDUP MULTI-SPECIALITY HOSPITAL

PROJECT TYPE : HEALTHCARE
LOCATION: BHANDUP ,MUMBAI
PROJECT STATUS: PROPOSED

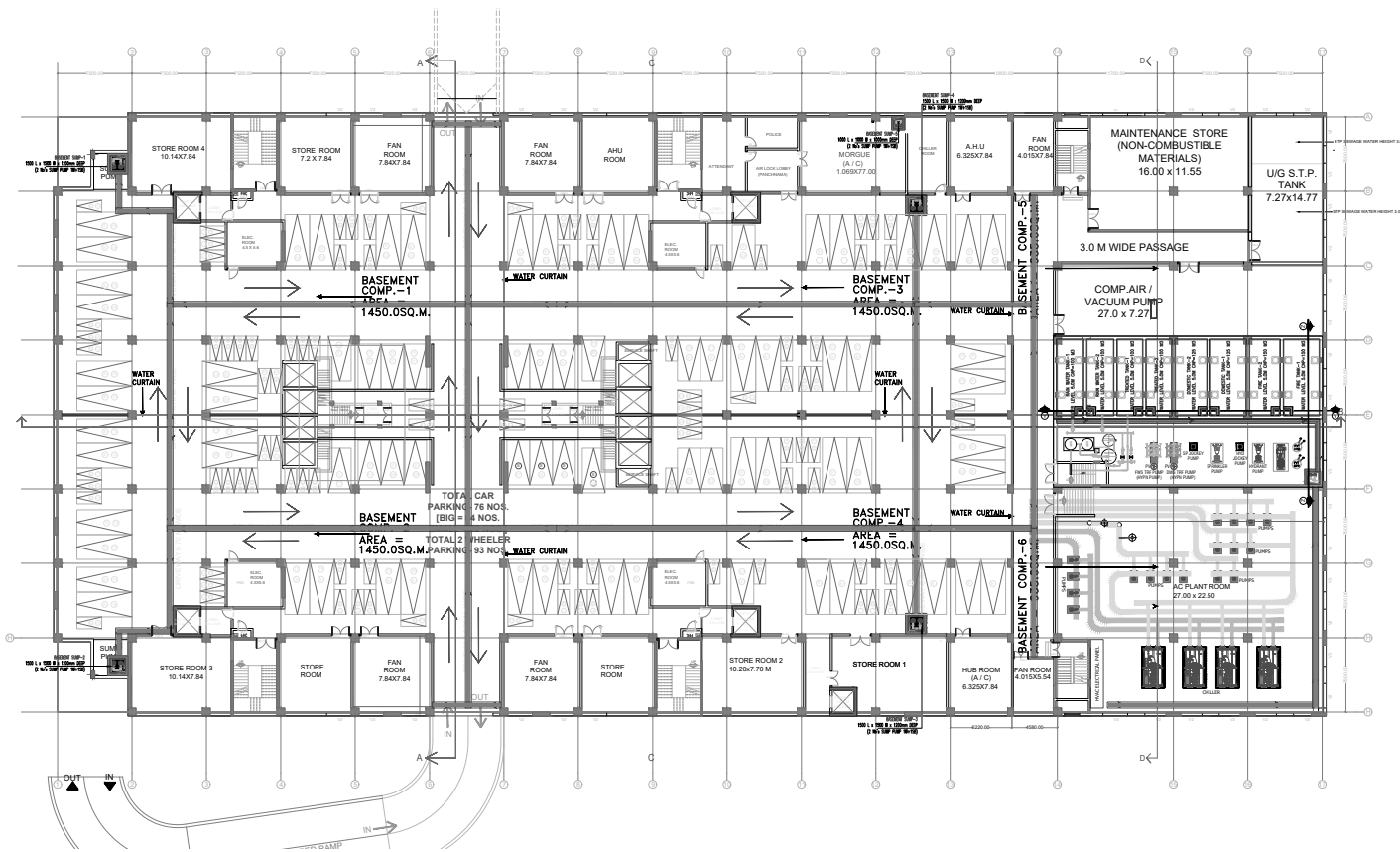
The proposed Hospital has an independent main entrance on the west from main 18.3 Mt wide D.P Road. It is also connected with the adjacent existing Hospital by internal roads, for the convenience of patients & staff. The main aim of planning is to provide a functional, user friendly, cost effective design, a structure with low maintenance cost.

WORKED IN :
Generated Window and Door schedule in AutoCAD.
Revised the AutoCAD plans according to the latest changes.Revised the Column Layout for the floor plan
.Revised the AutoCAD plans for the Staff Quarters.
Generated Sixteen door Families according to the AutoCAD Drawings. Revised the Revit Architecture and Structural models according to the latest changes of Staff Quarters.

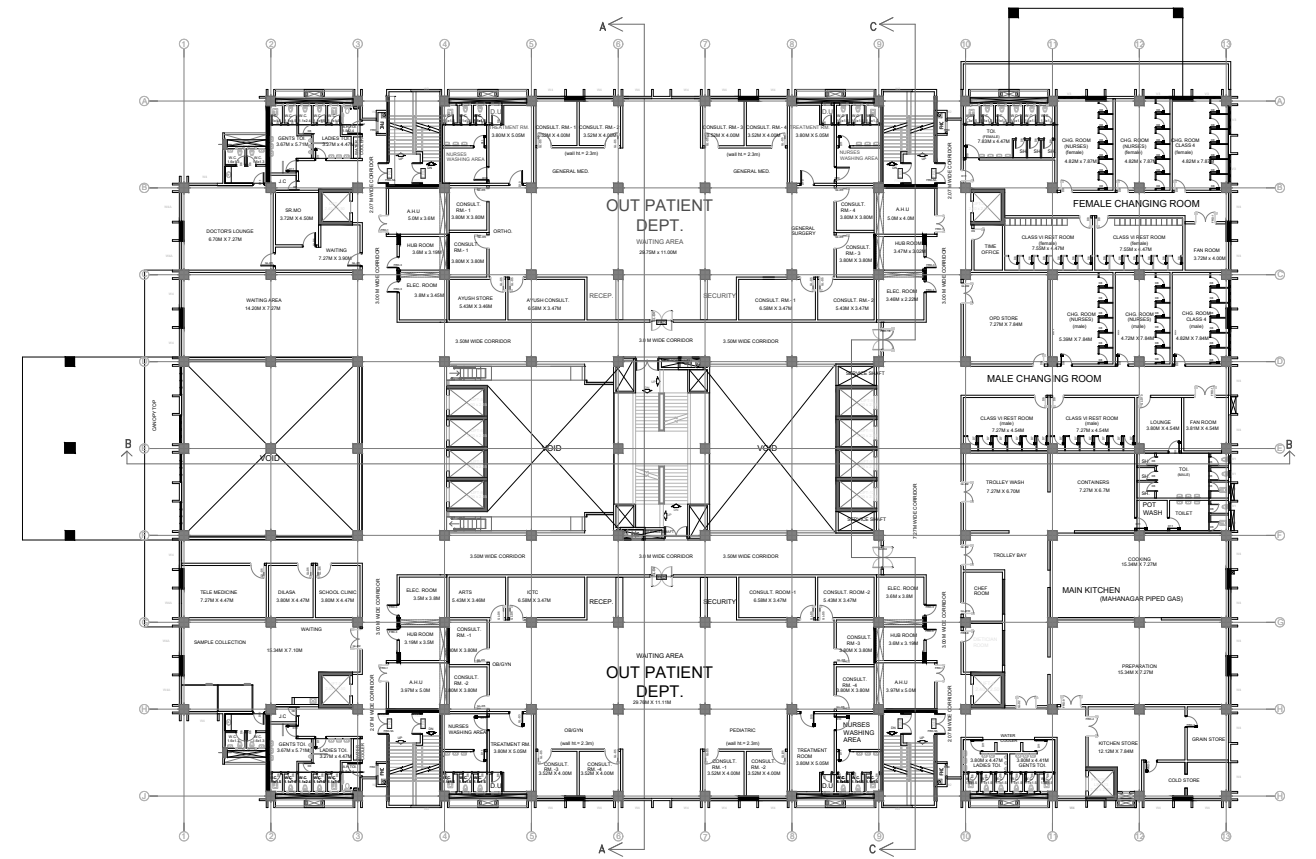


SITE PLAN WITH GROUND FLOOR LEVEL PLAN

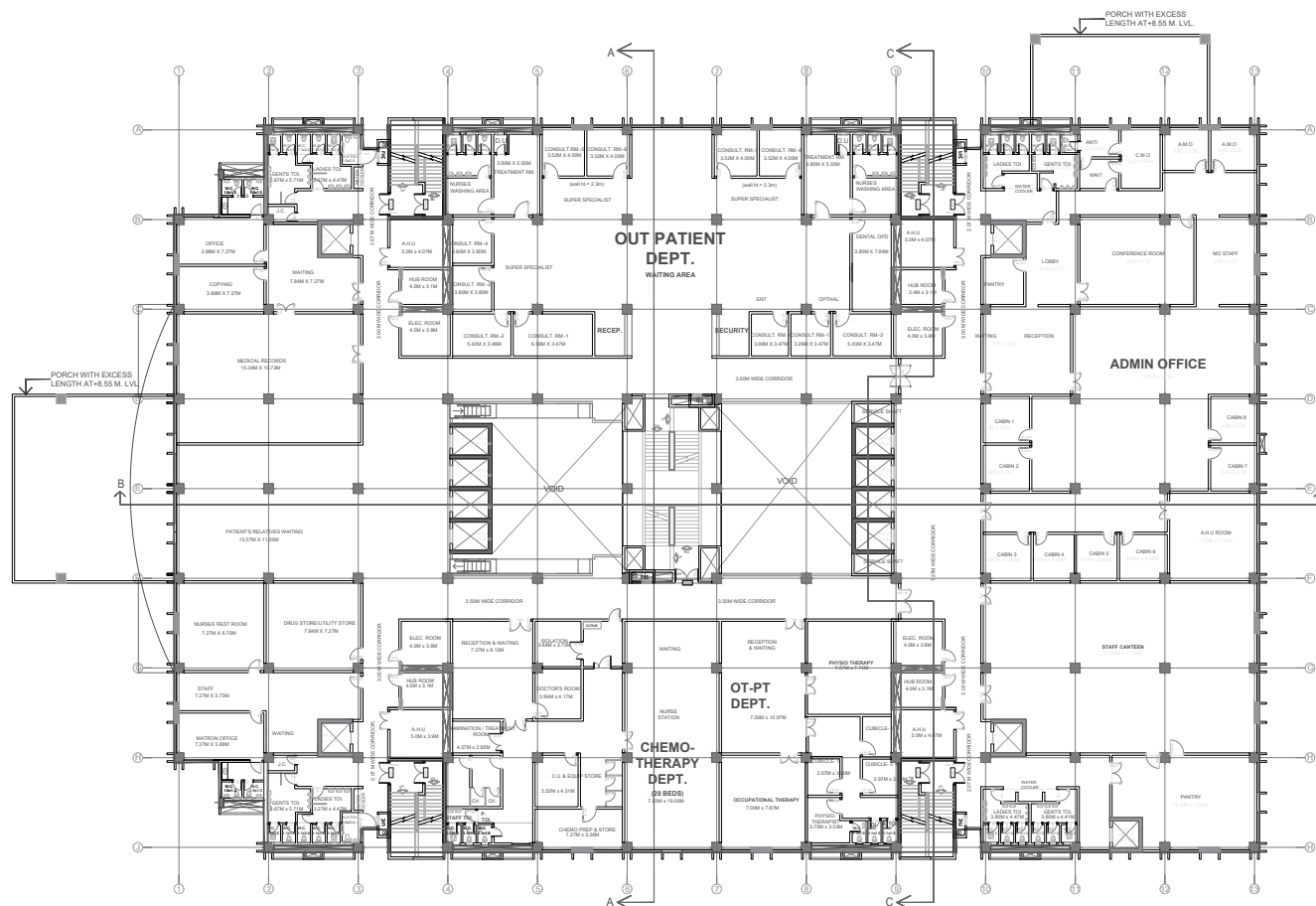




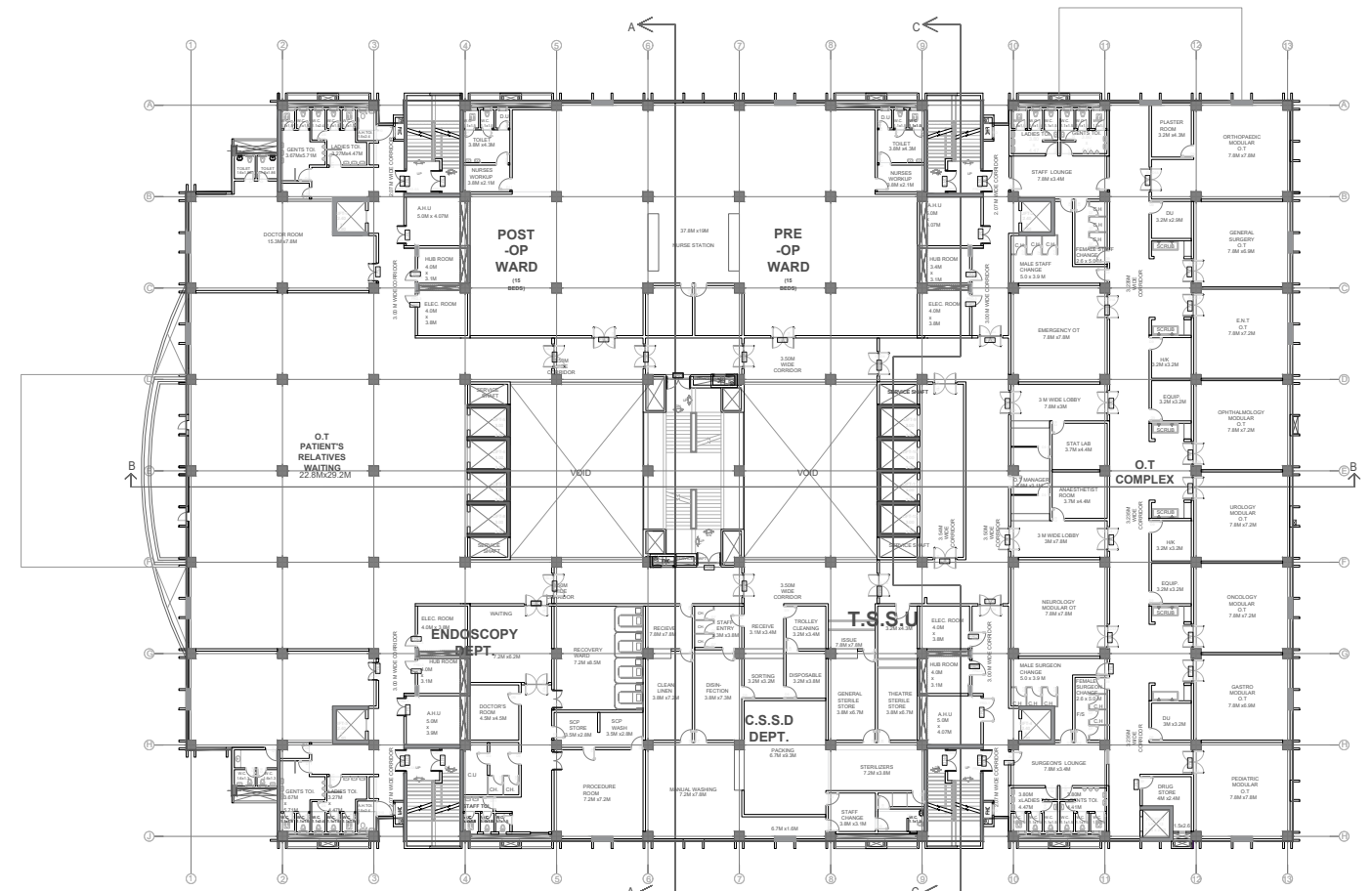
BASEMENT FLOOR LEVEL PLAN



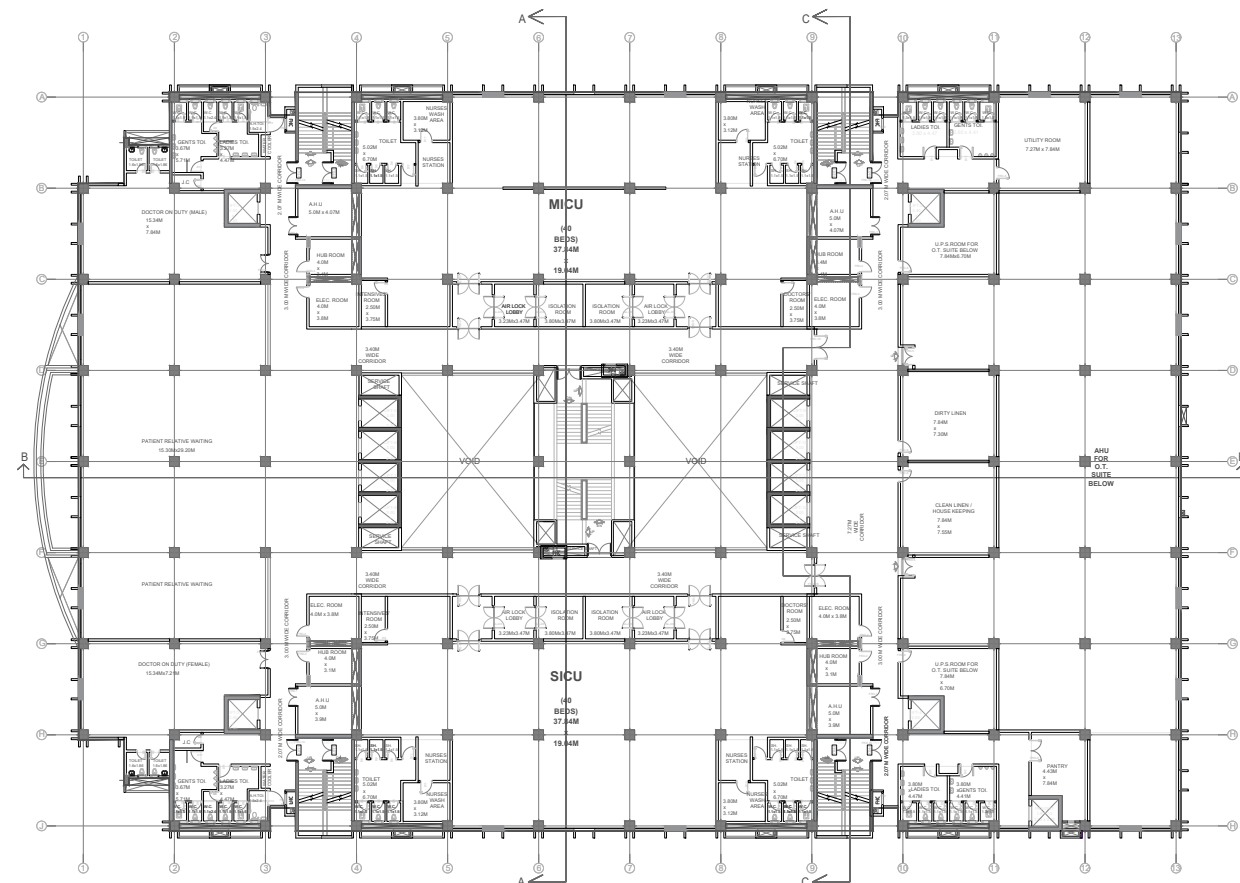
FIRST FLOOR LEVEL PLAN



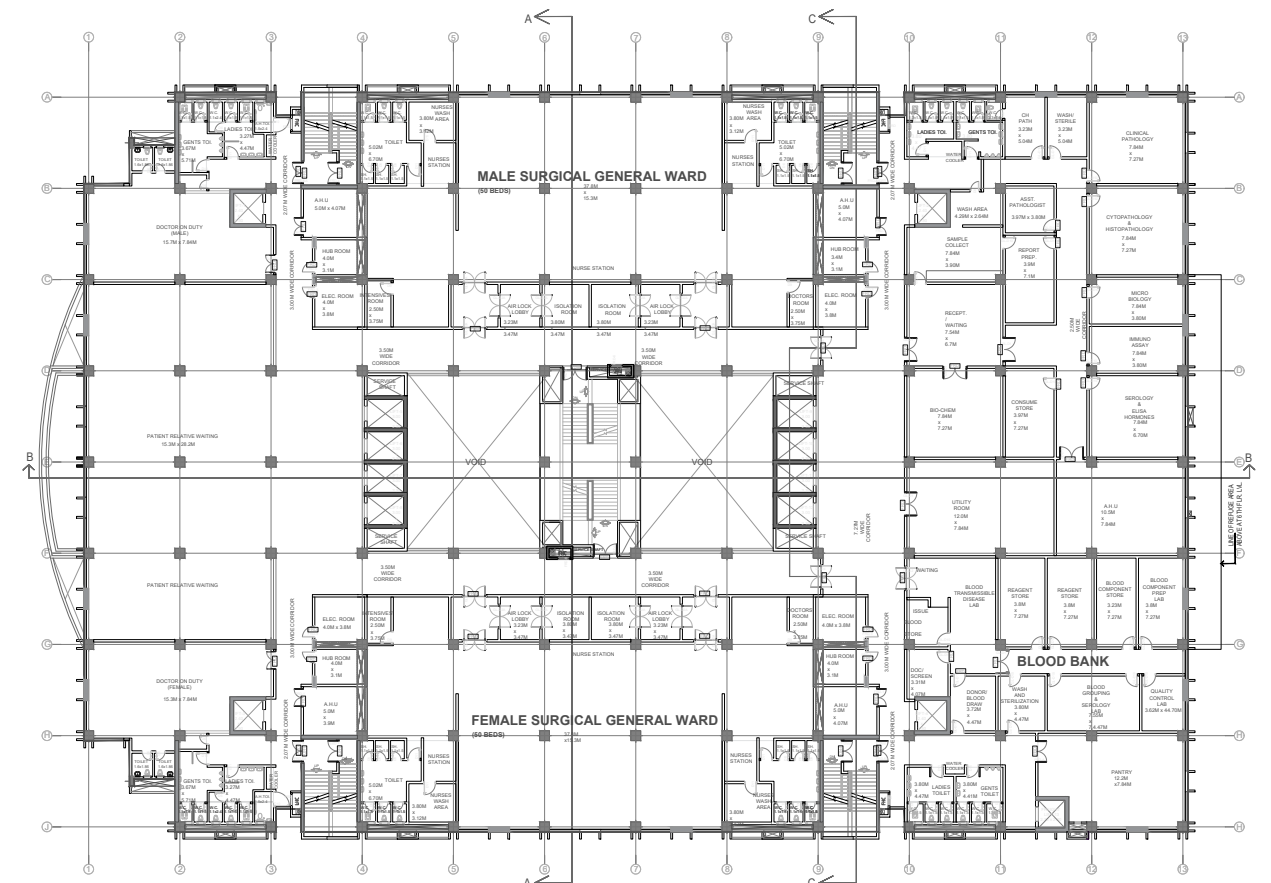
SECOND FLOOR LEVEL PLAN



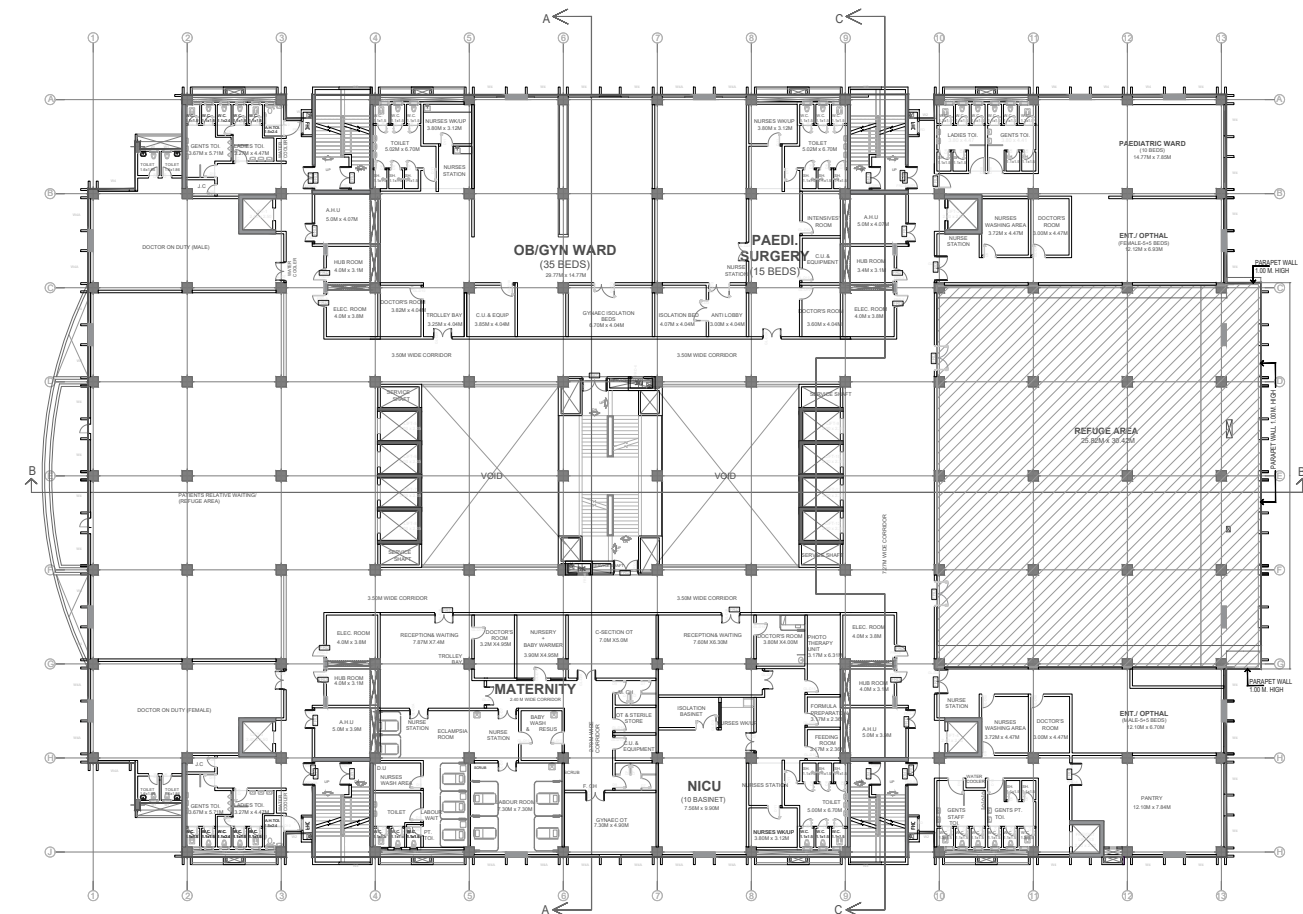
THIRD FLOOR LEVEL PLAN



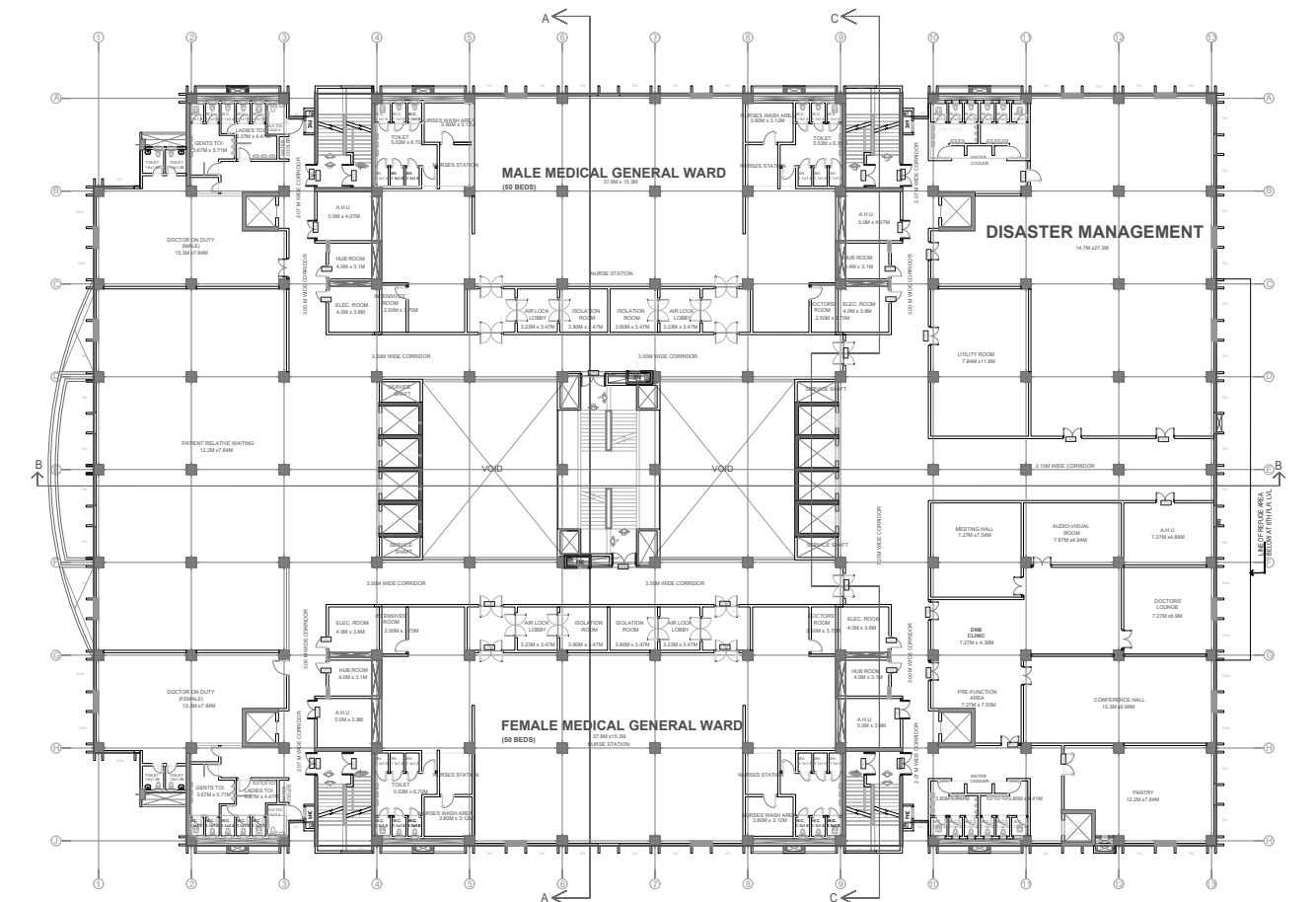
FOURTH FLOOR LEVEL PLAN



FIFTH FLOOR LEVEL PLAN

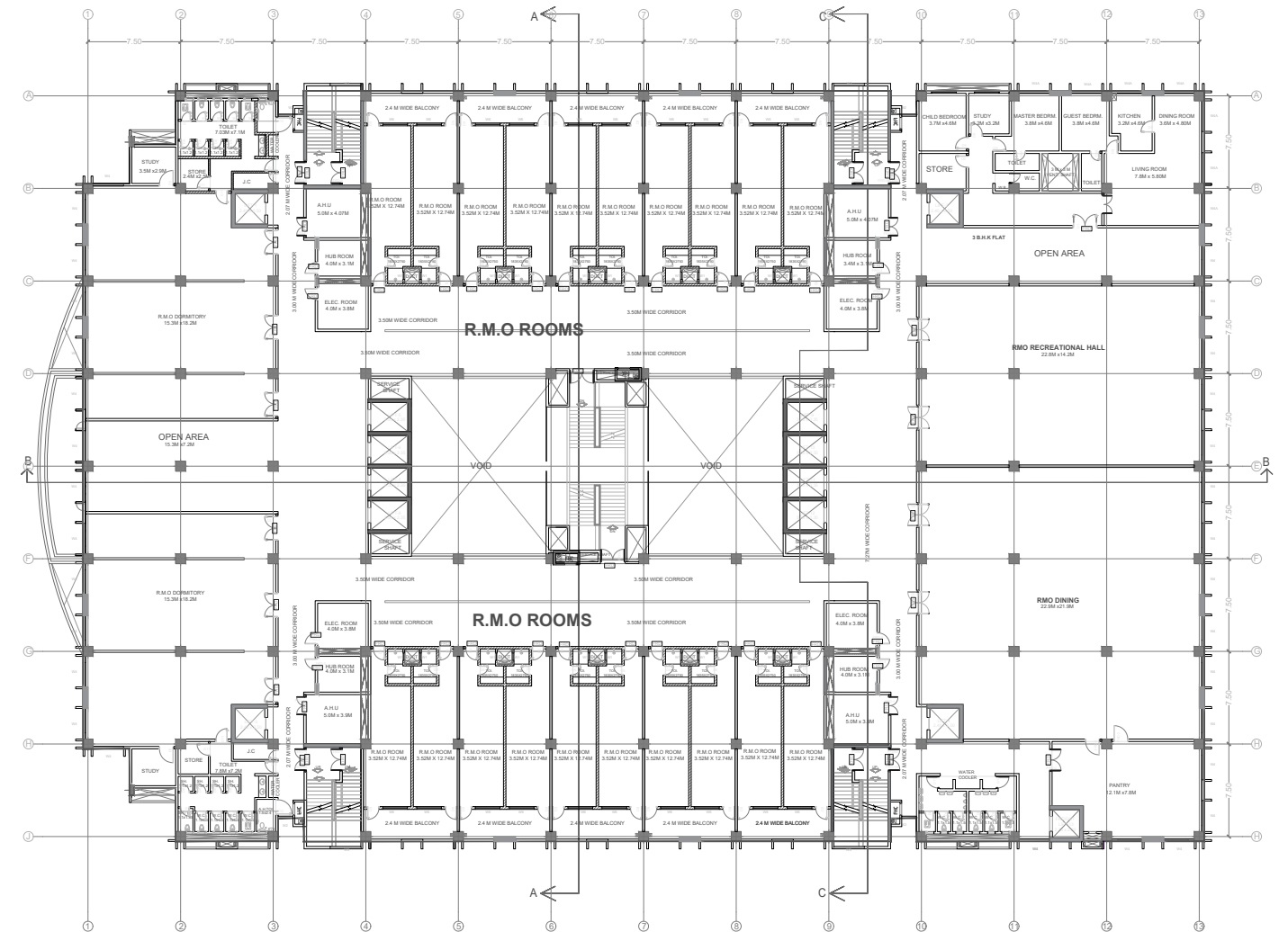
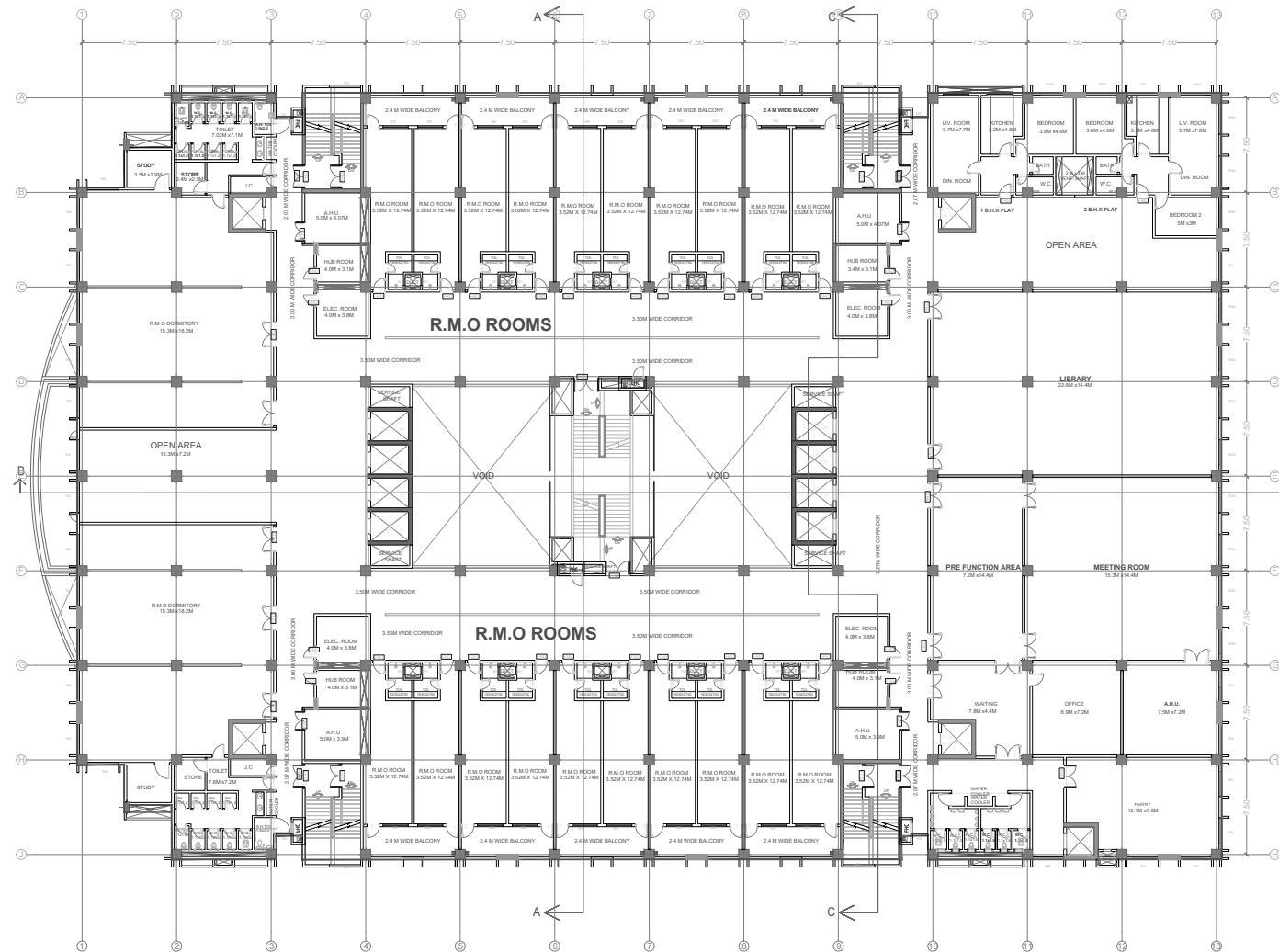


SIXTH FLOOR LEVEL PLAN

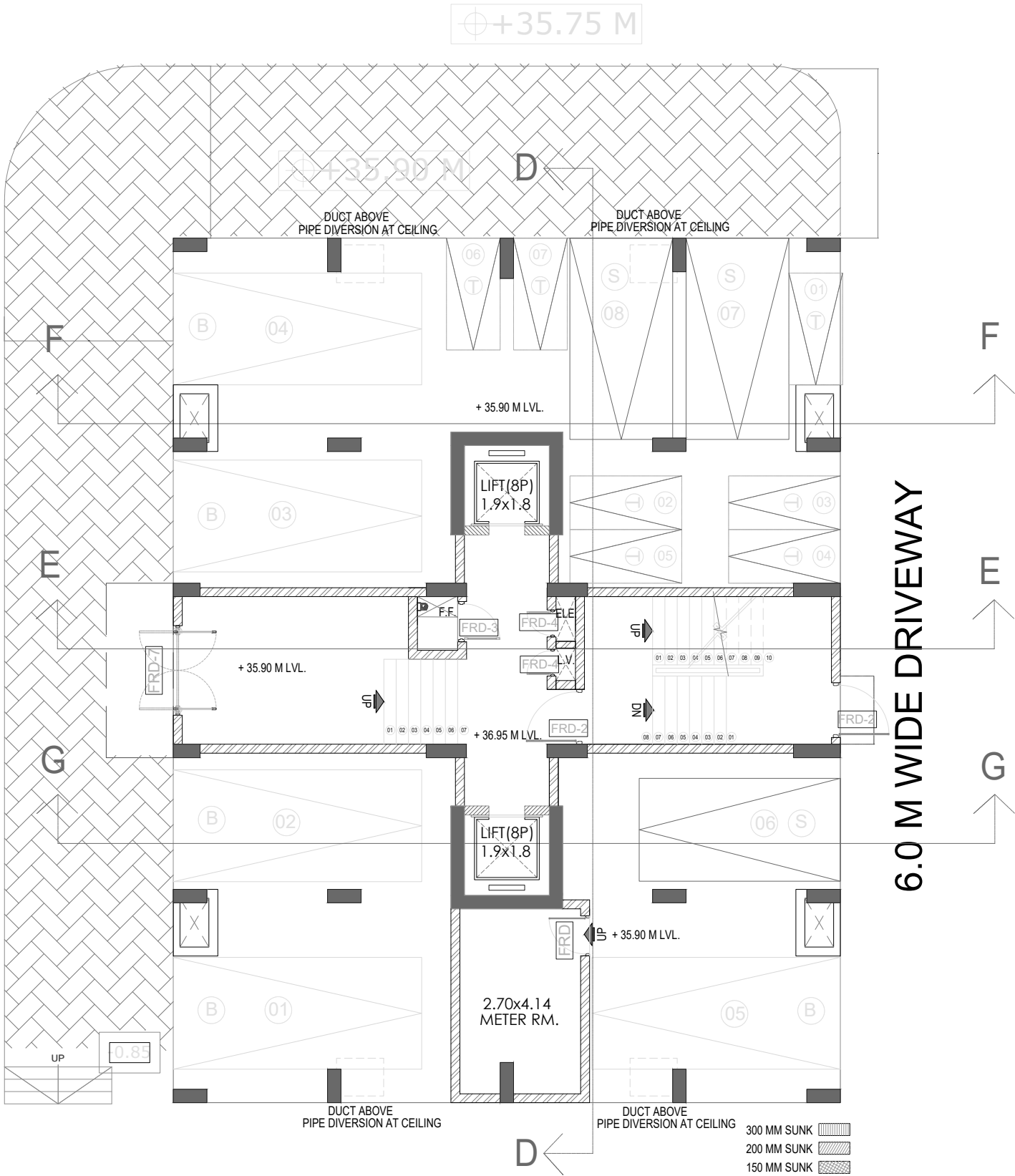


SEVENTH FLOOR LEVEL PLAN

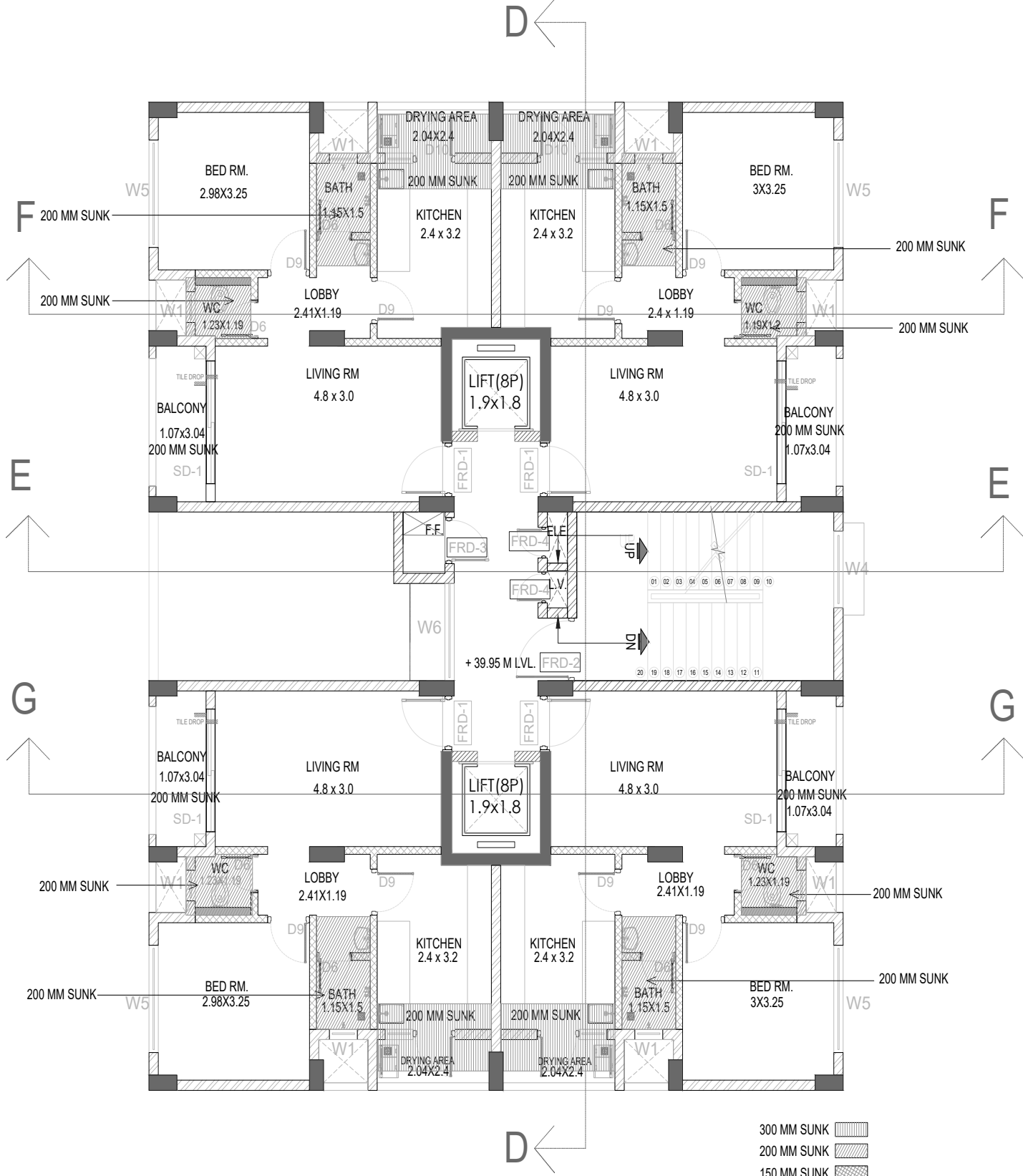




STAFF QUARTERS

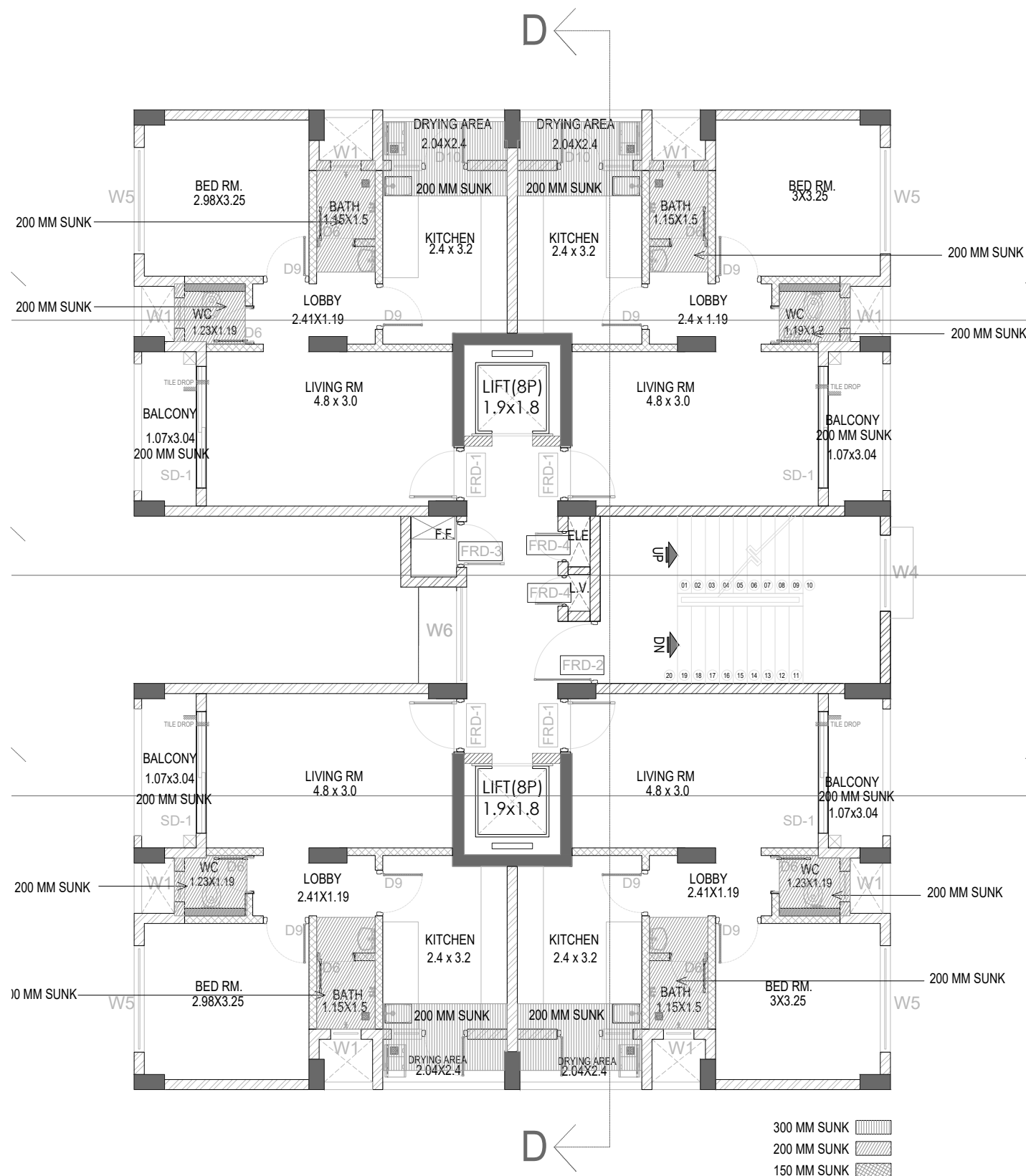


GROUND FLOOR LEVEL PLAN

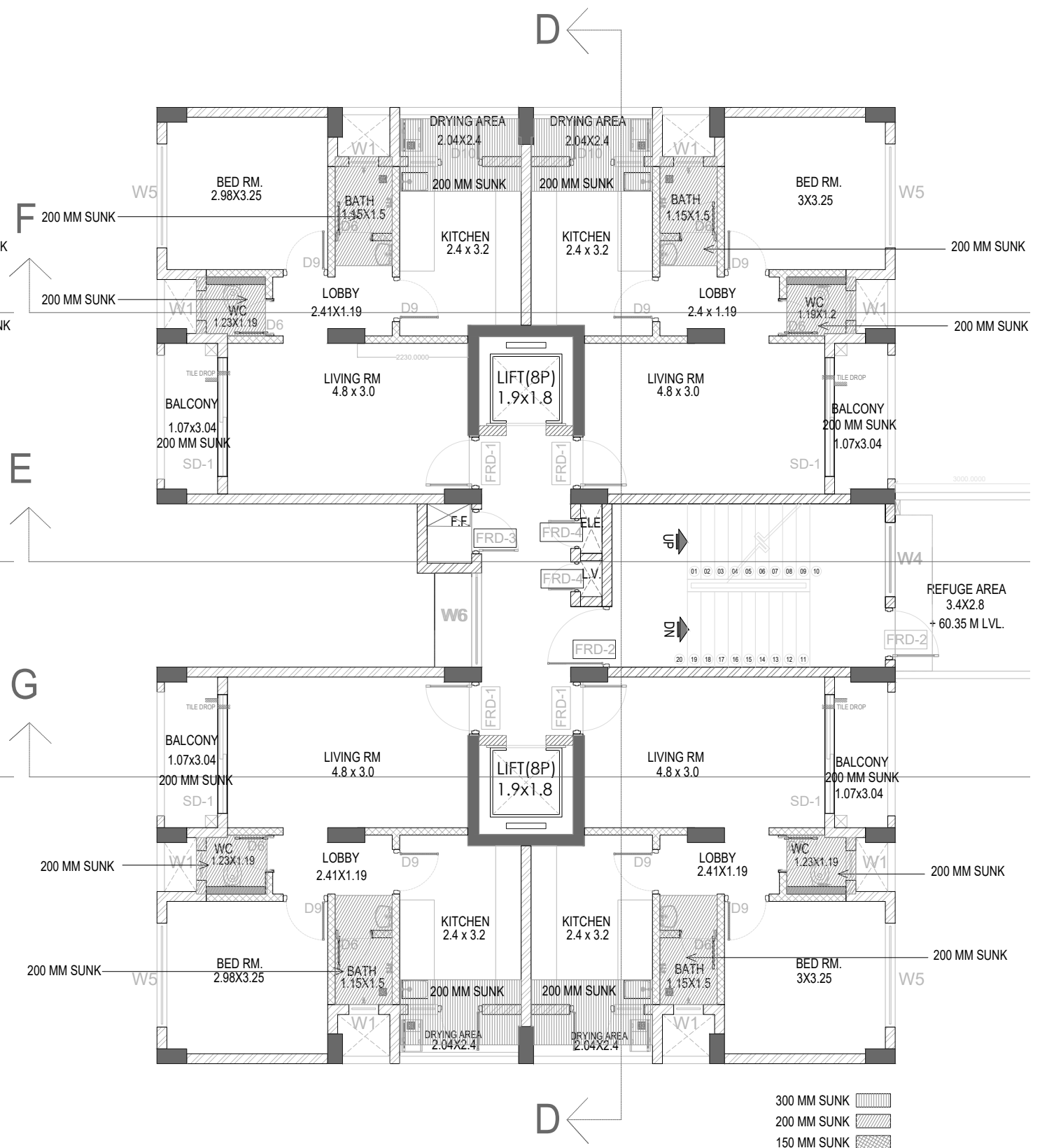


FIRST FLOOR LEVEL PLAN

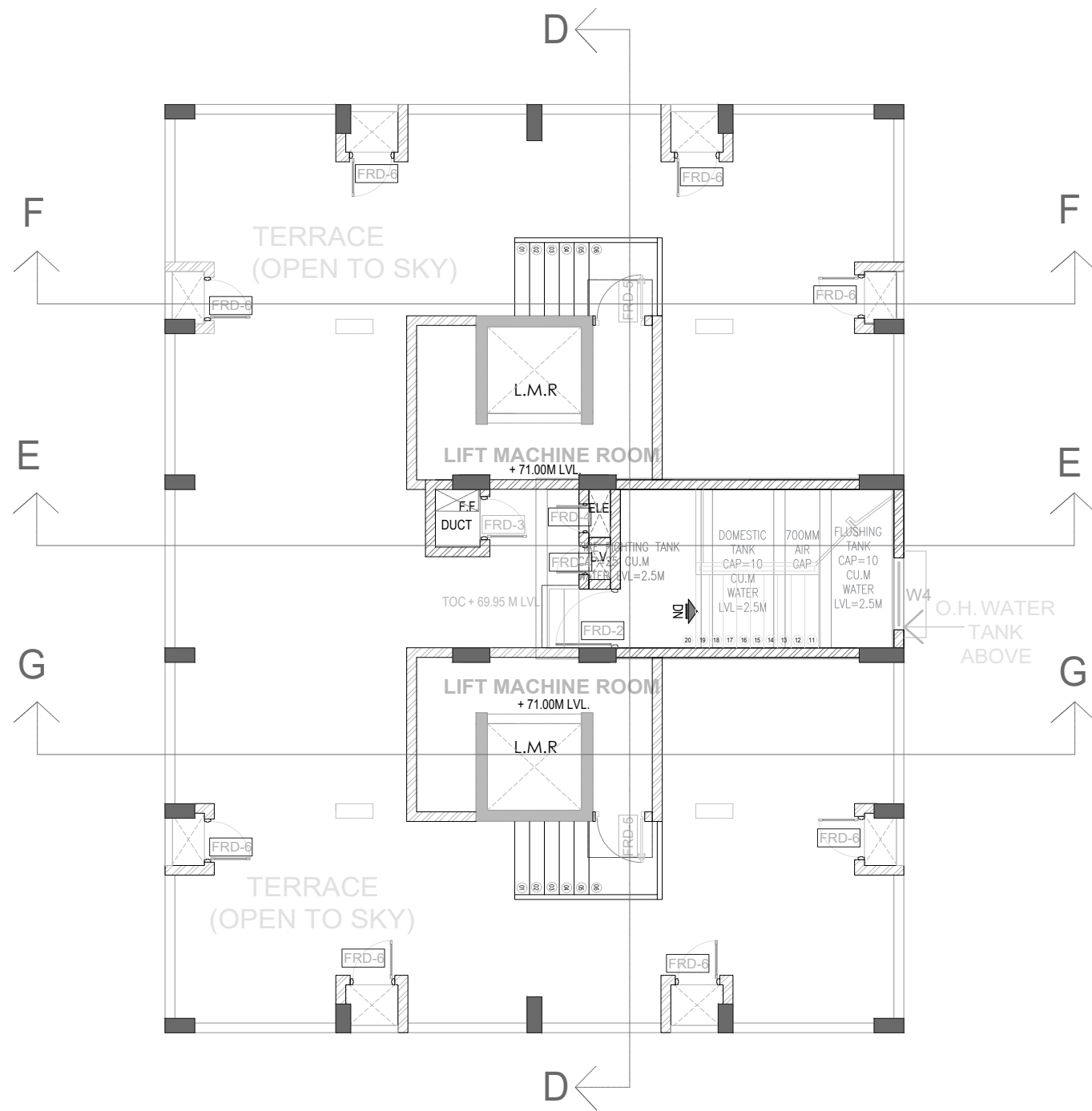




TYPICAL FLOOR PLAN (SECOND TO SIXTH FLOOR AND EIGHTH TO TENTH FLOOR)



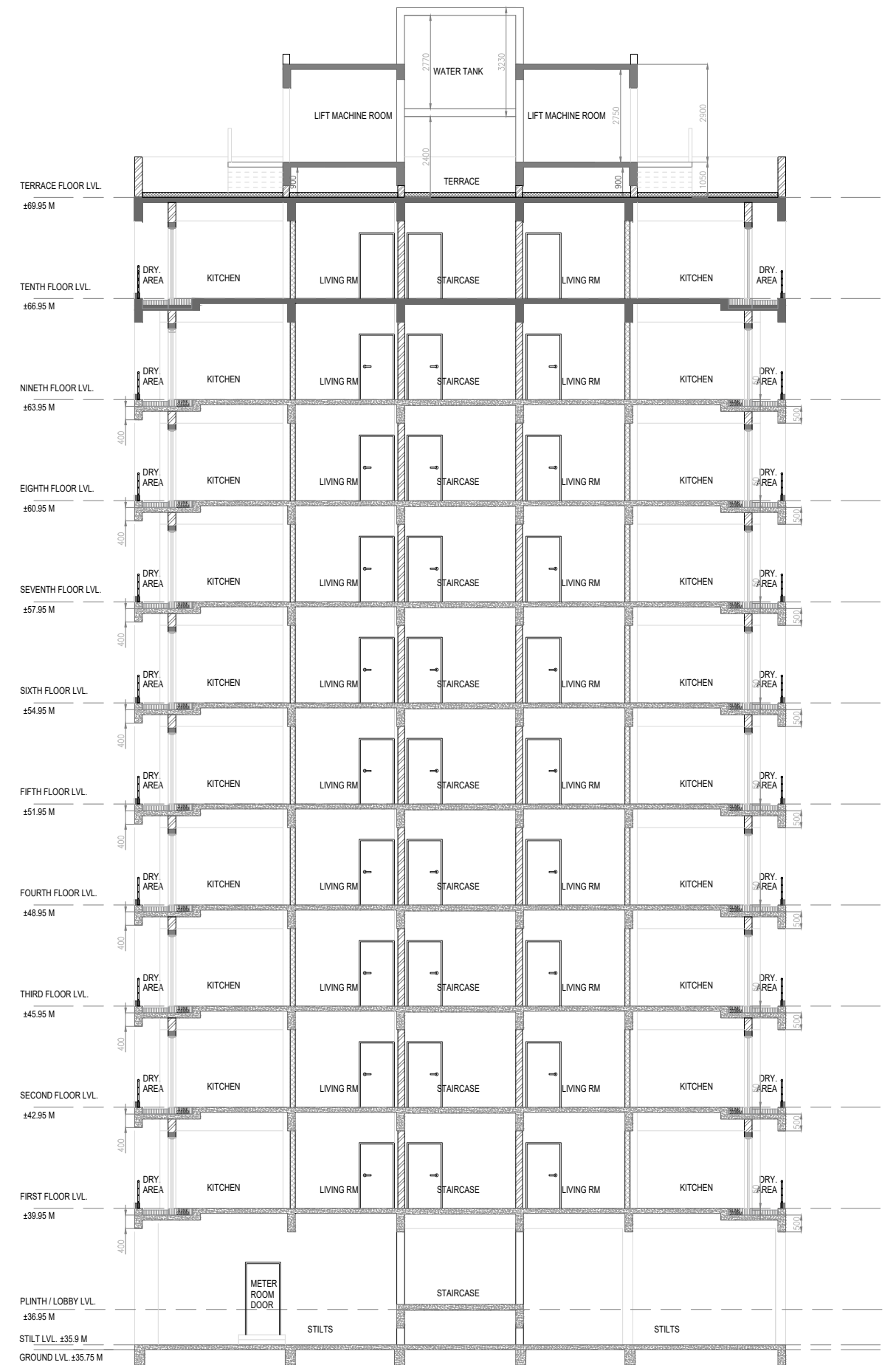
SEVENTH AND TENTH FLOOR PLAN



TERRACE FLOOR PLAN

DOOR SCHEDULE	
NO.	MASONRY OPENING
D6	750MM X 2100MM
D9	900MM X 2100MM
D10	900MM X 2100MM-(WINDOW -600MM X 740MM)
FRD1	1000MM X 2100MM
FRD2	1225MM X 2100MM
FRD3	900MM X 2100MM
FRD4	600MM X 2100MM
FRD5	1000MM X 2100MM
FRD6	900MM X 2100MM
FRD7	2000MM X 2100MM

WINDOW SCHEDULE	
NO.	MASONRY OPENING
W1	600MM X 975MM
W4	1500MM X 900MM
W5	2100MM X 900MM
W6	1900MM X 900MM
SD1	2400MM X 2100MM

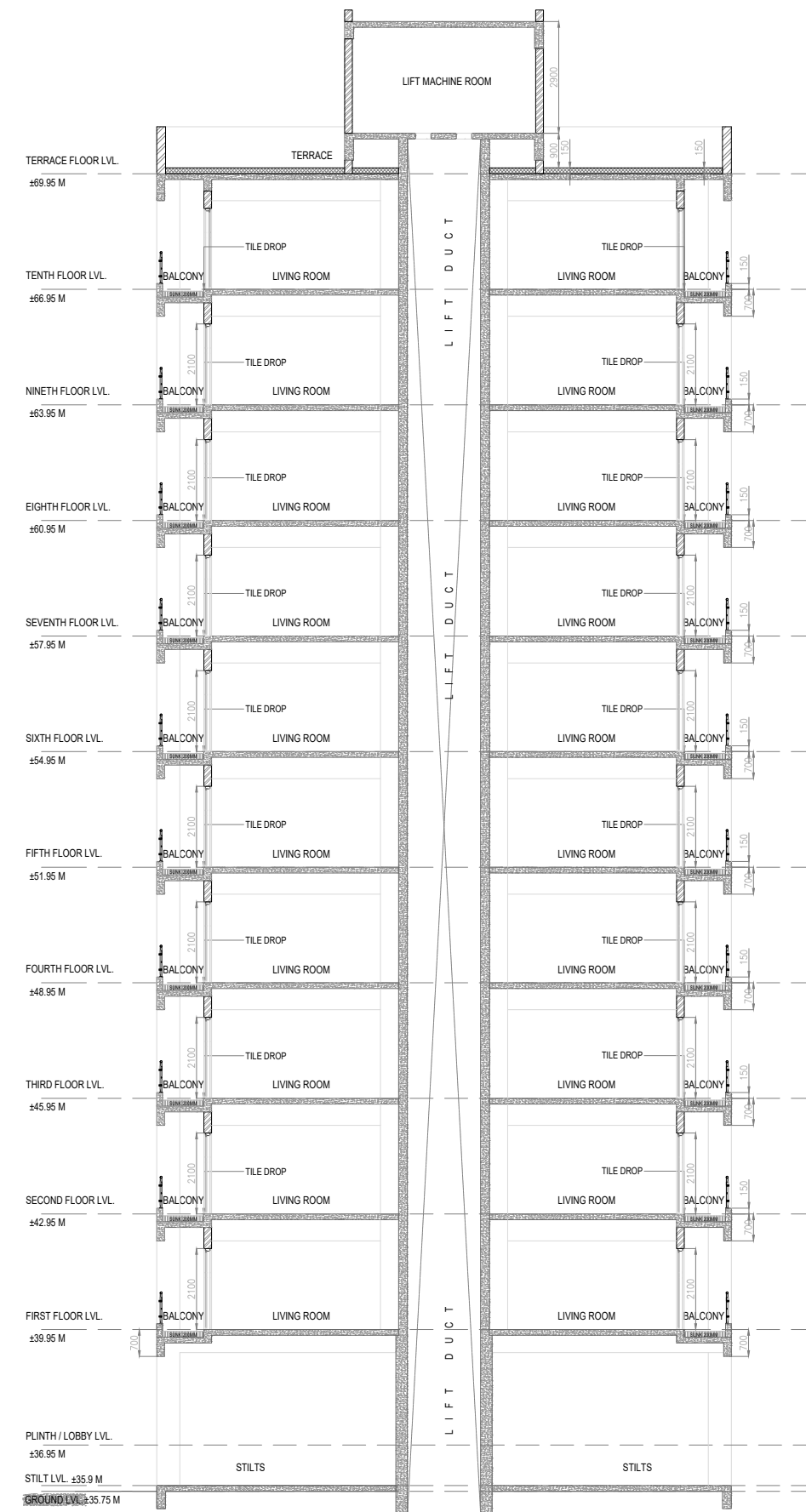
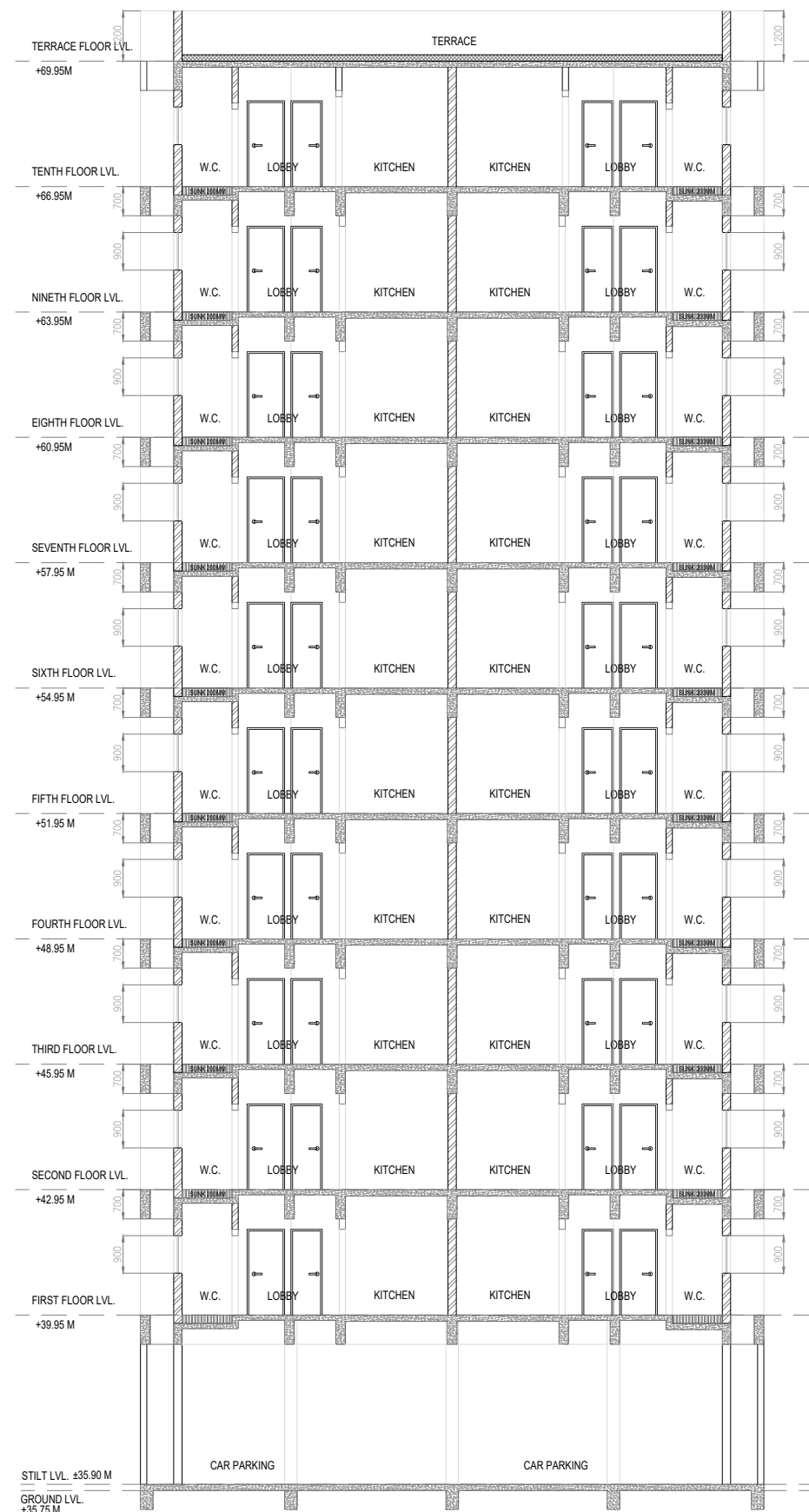
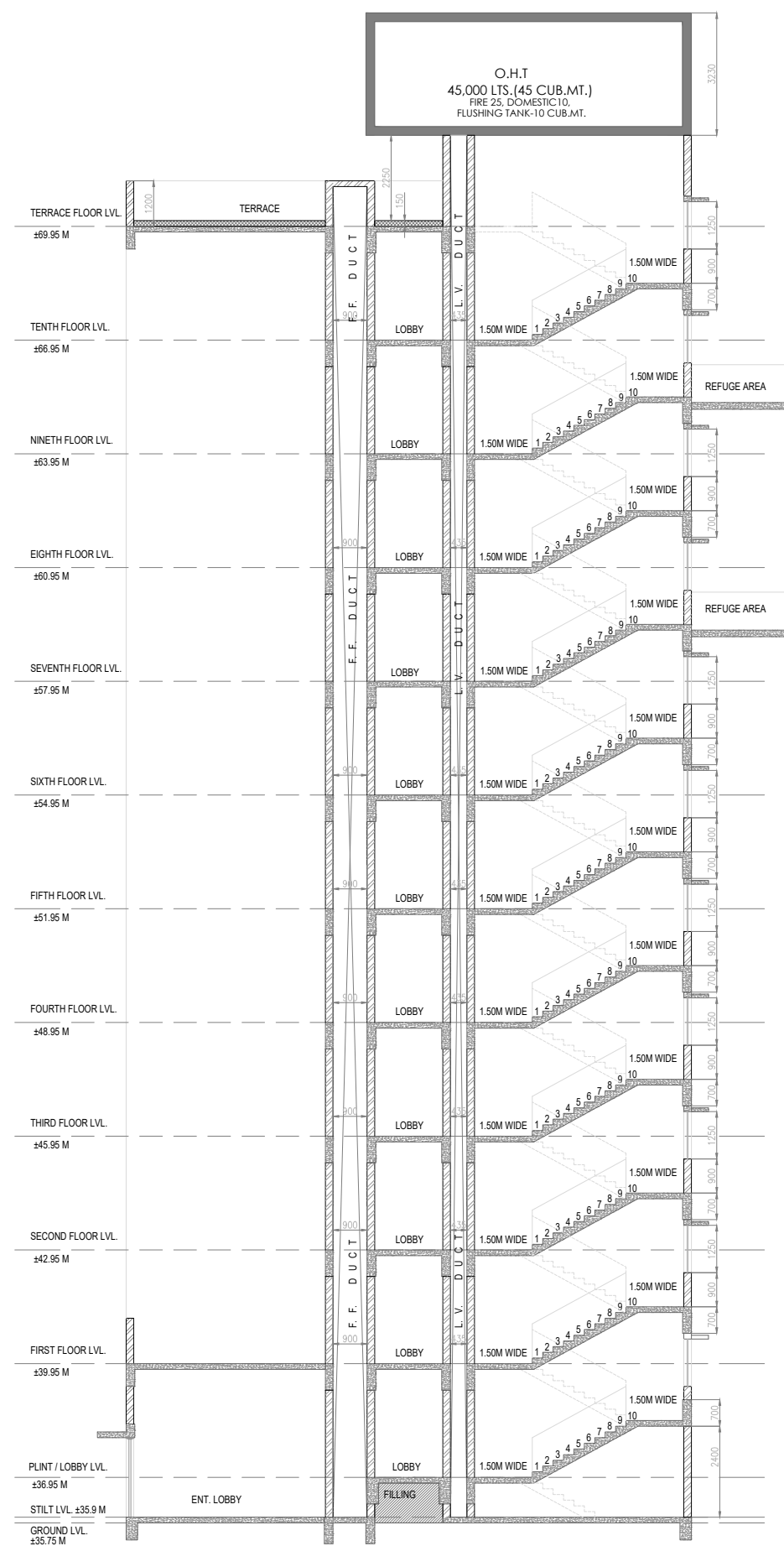


SECTION DD

39210007

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY





SHASHI
PRABHU
AND
ASSOCIATES

ARCHITECT'S SIGN:
SHASHI PRABHU AND ASSOCIATES

GOVANDI MULTI-SPECIALITY HOSPITAL

PROJECT TYPE : HEALTHCARE

LOCATION: GOVANDI ,MUMBAI

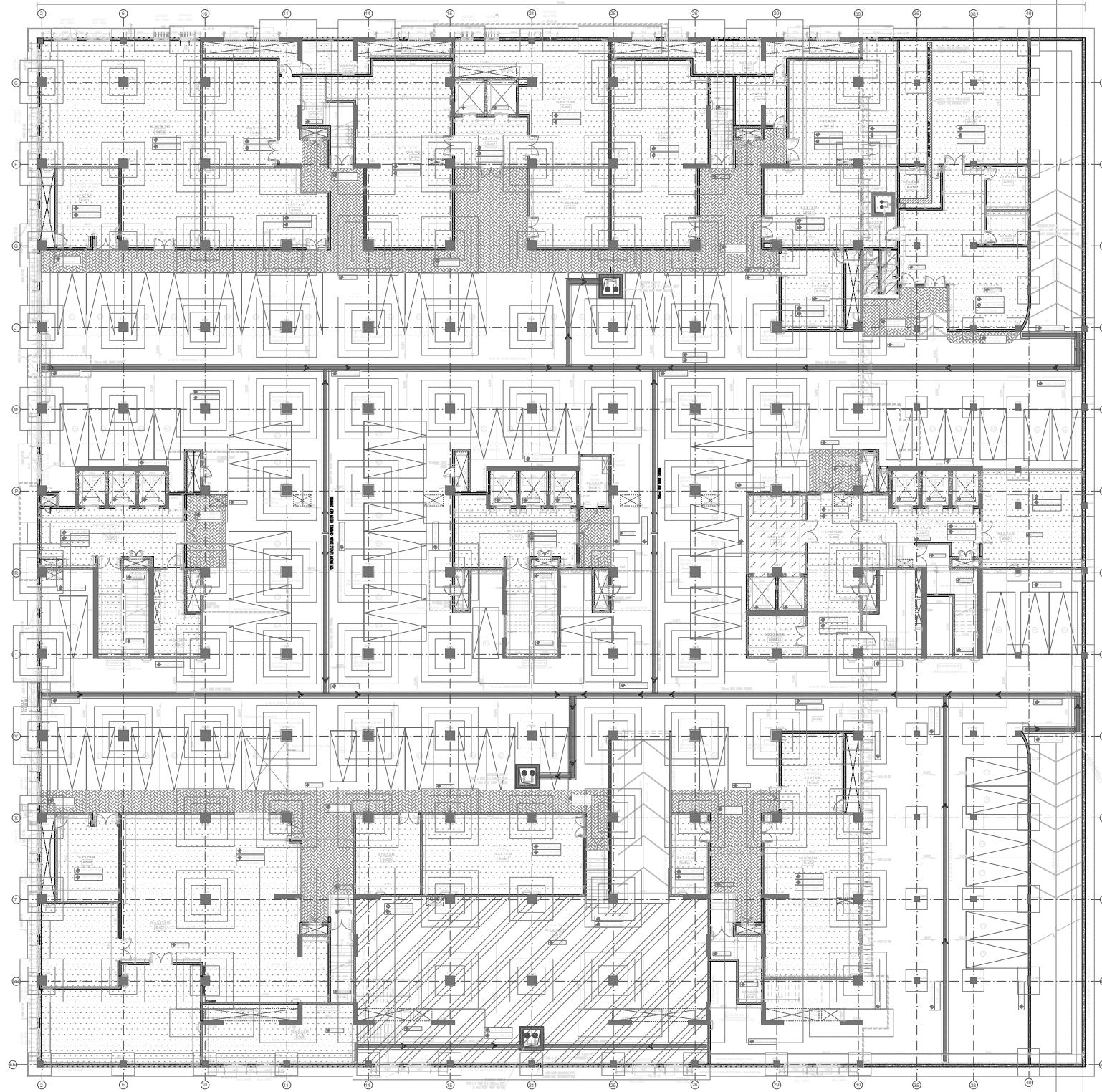
PROJECT STATUS: WORK IN PROGRESS

M.C.G.M. has proposed to construct a 580 beds general Hospital in the campus of present Hospital, for needy population of eastern suburb of Mumbai. The proposed Hospital of about 65844.79 sq. m. (about 708753.29 sq. ft.) total built-up area, has an independent main entrance on the south from main 13.40 Road. It is also connected with the adjacent existing Hospital by internal roads, for the convenience of patients & staff. The main aim of planning is to provide a functional, user friendly, cost effective design, a structure with low maintenance cost, which is evident from the simple rectangular shape of the proposed building.

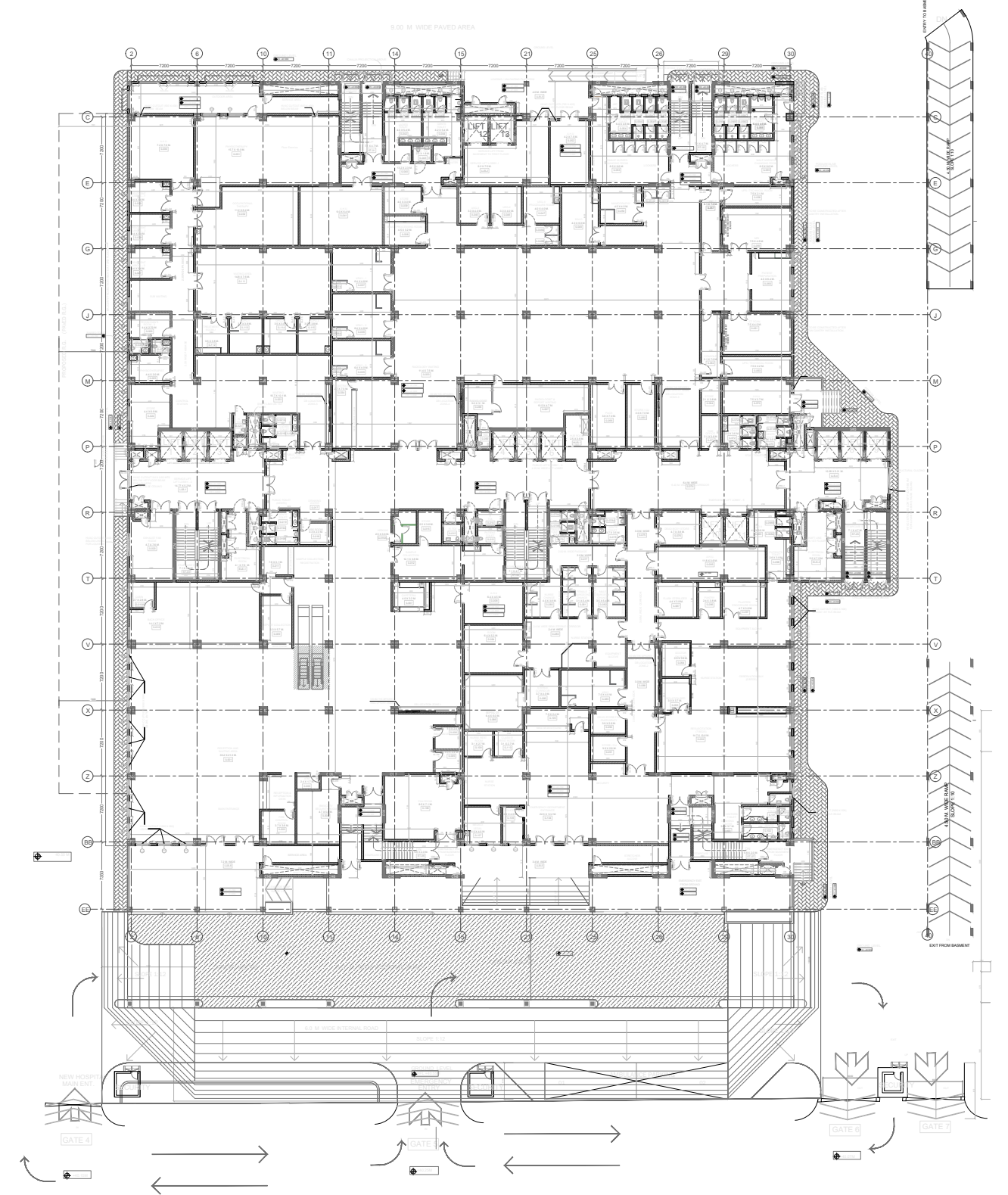
WORKED IN :

Revised the Auto CAD plan according to the latest changes. Generated Revit Structural model with the changed floor plans. Revised the Revit Models according to the latest changes. Generated Revit Architecture model with the changed floor plans. Drafted Working Drawings for Over Head Tank Floor. Drafted Working Drawings for Substation and Co ordinates marked location plan.

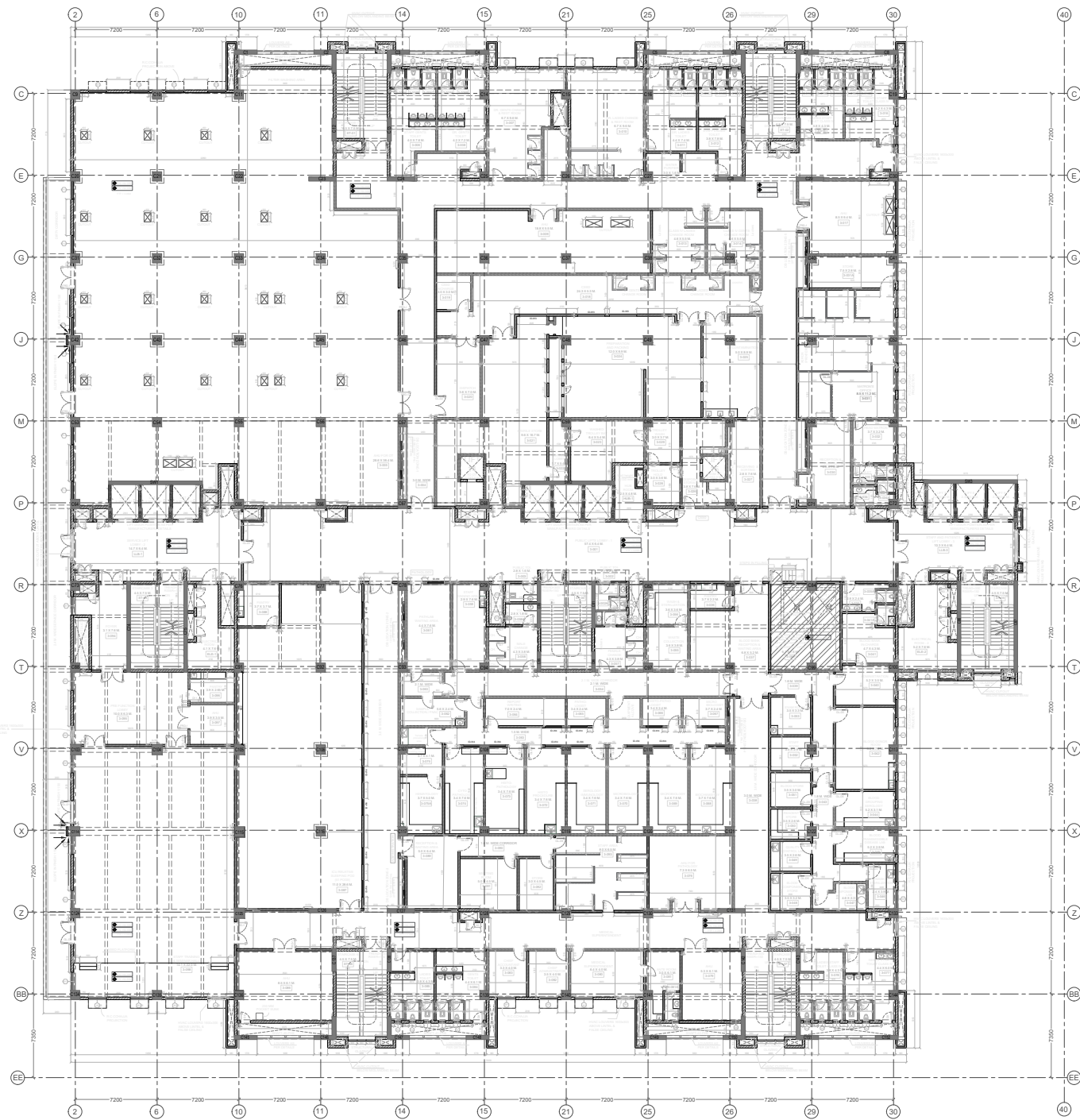




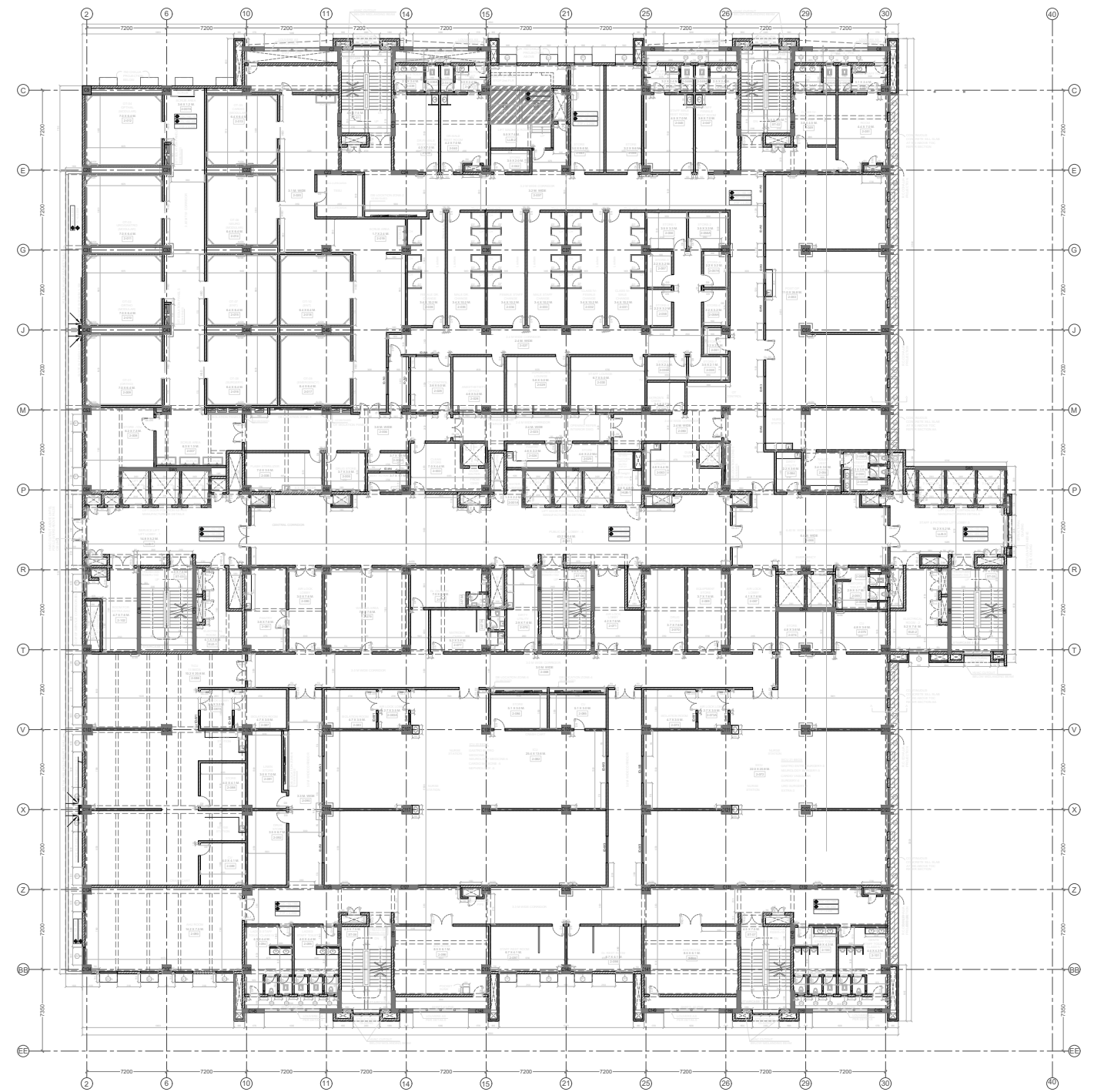
BASEMENT FLOOR PLAN



GROUND FLOOR PLAN



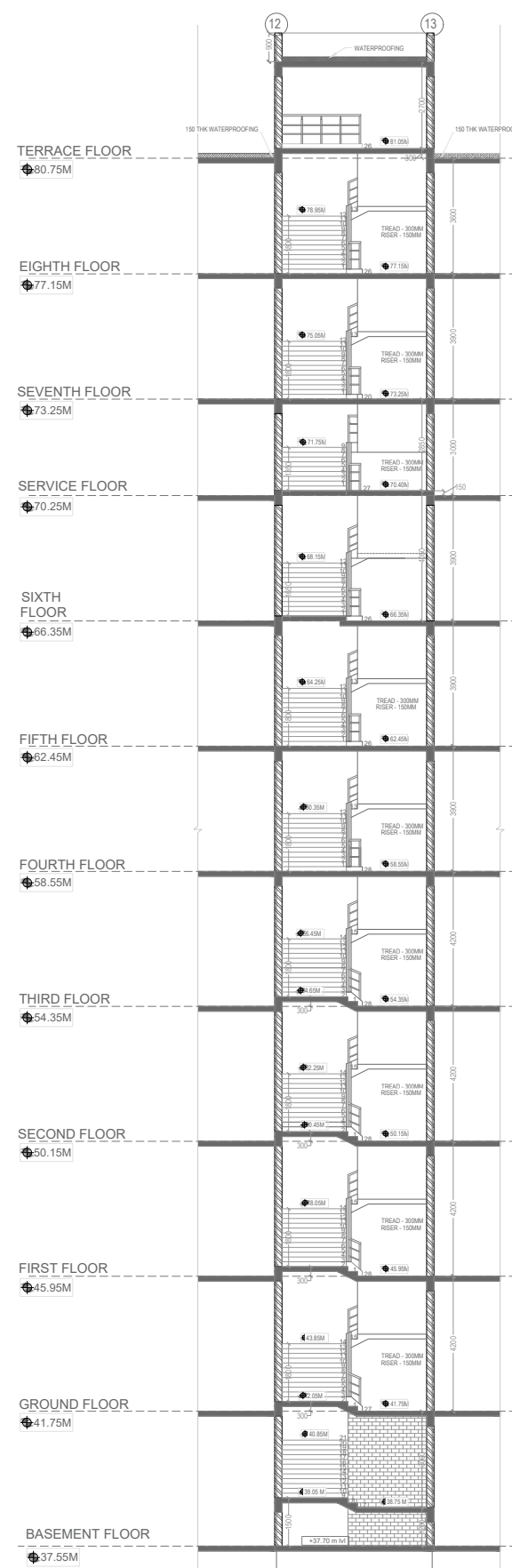
SECOND FLOOR PLAN



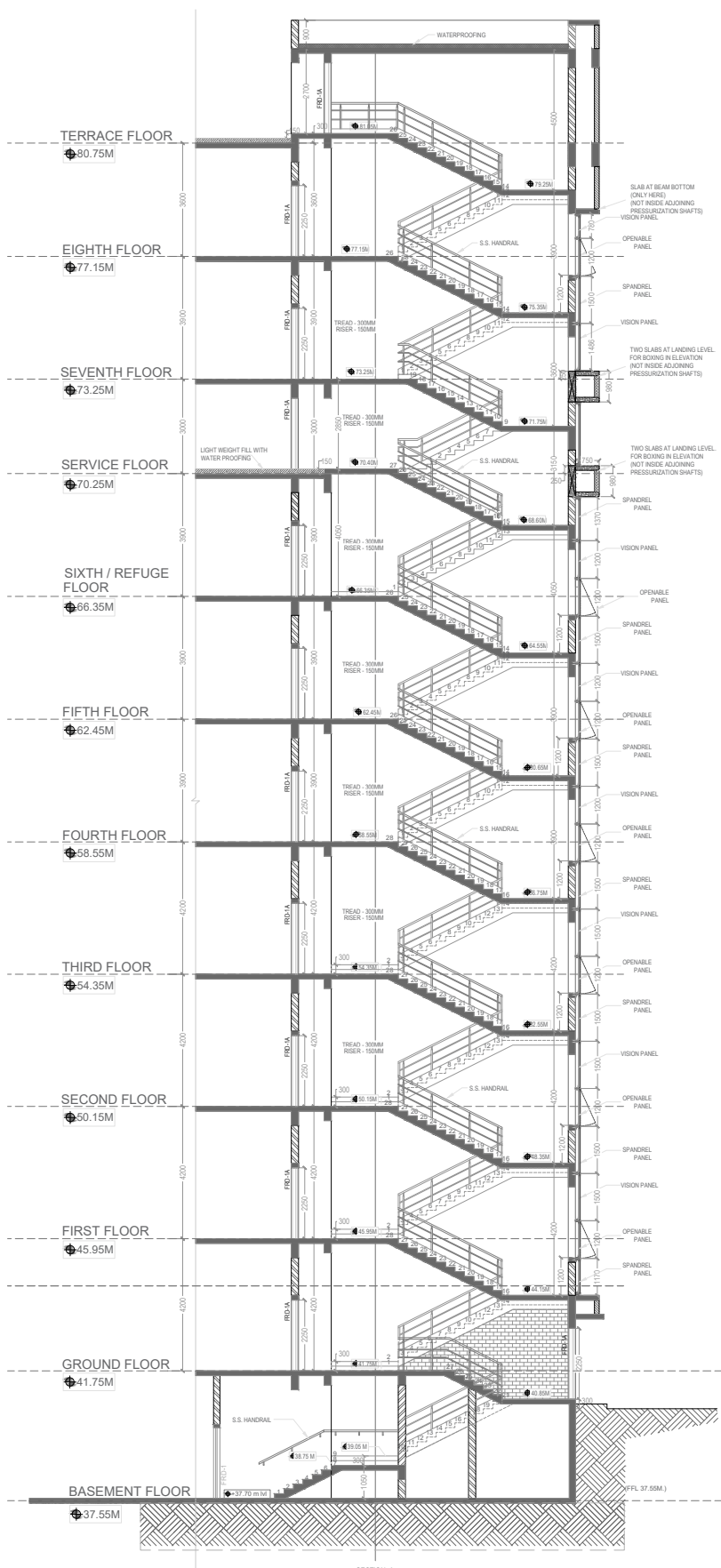
THIRD FLOOR PLAN



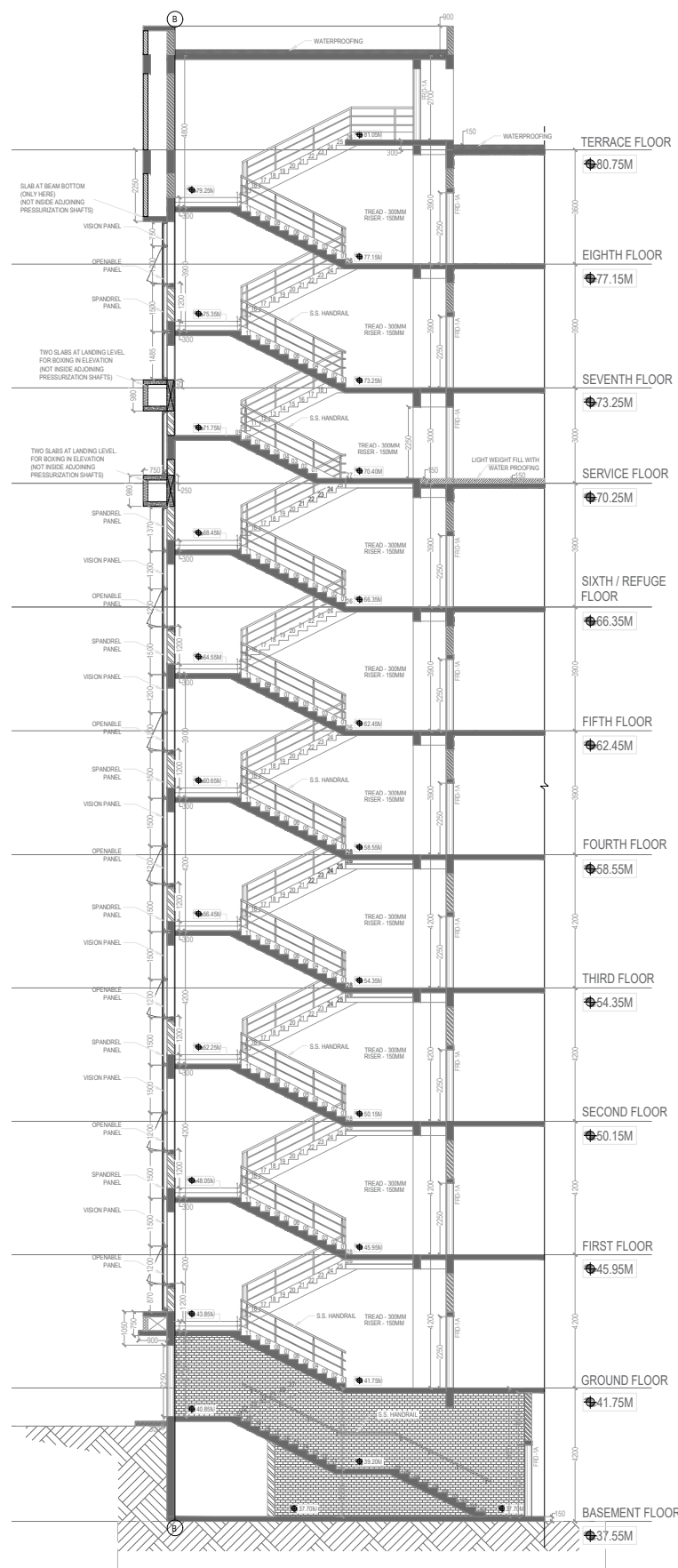
STAIRCASE SECTIONS



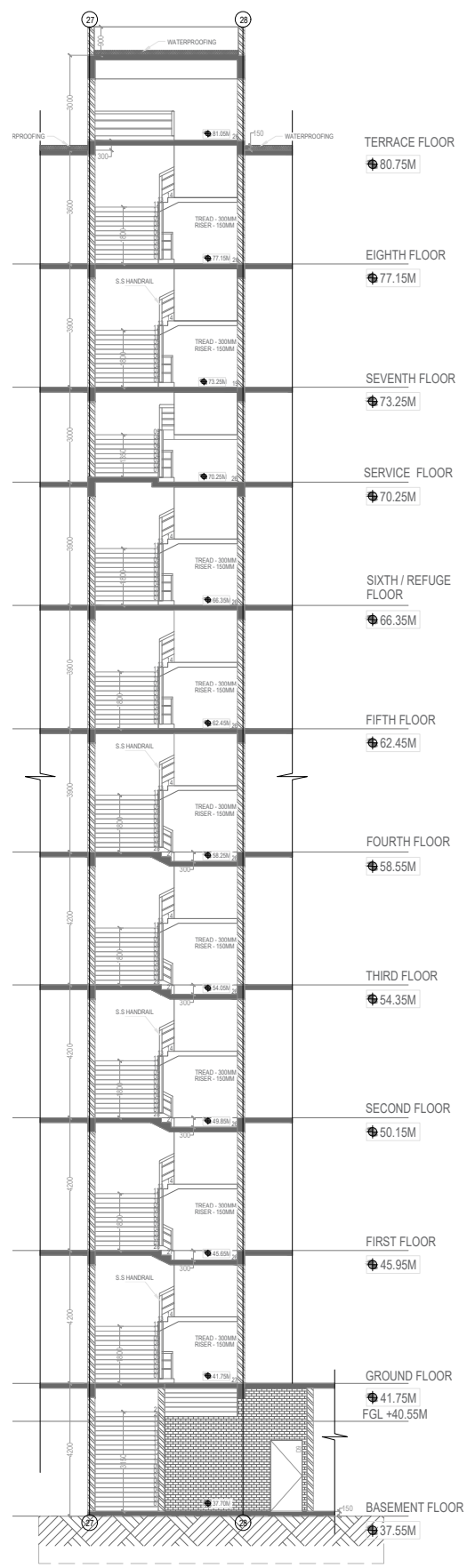
STAIRCASE 1 - SECTION AA



STAIRCASE 1 - SECTION BB



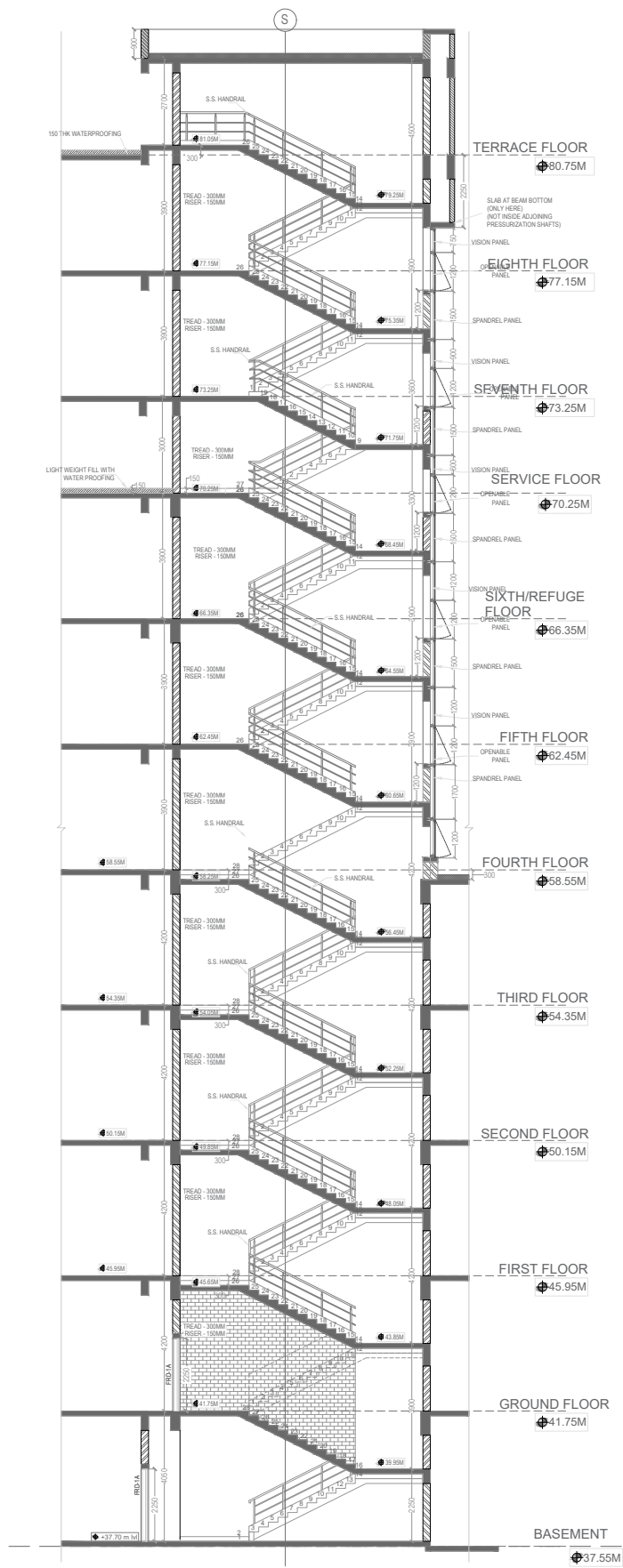
STAIRCASE 2 - SECTION AA



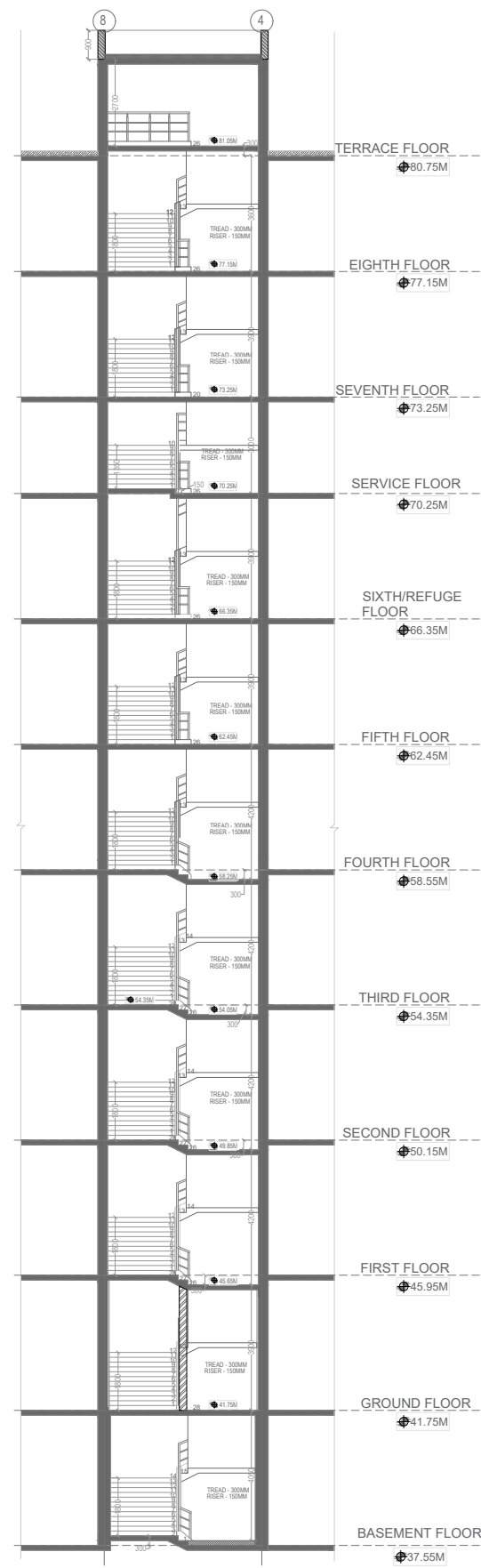
STAIRCASE 2 - SECTION BB

SHASHI
PRABHU
AND
ASSOCIATES

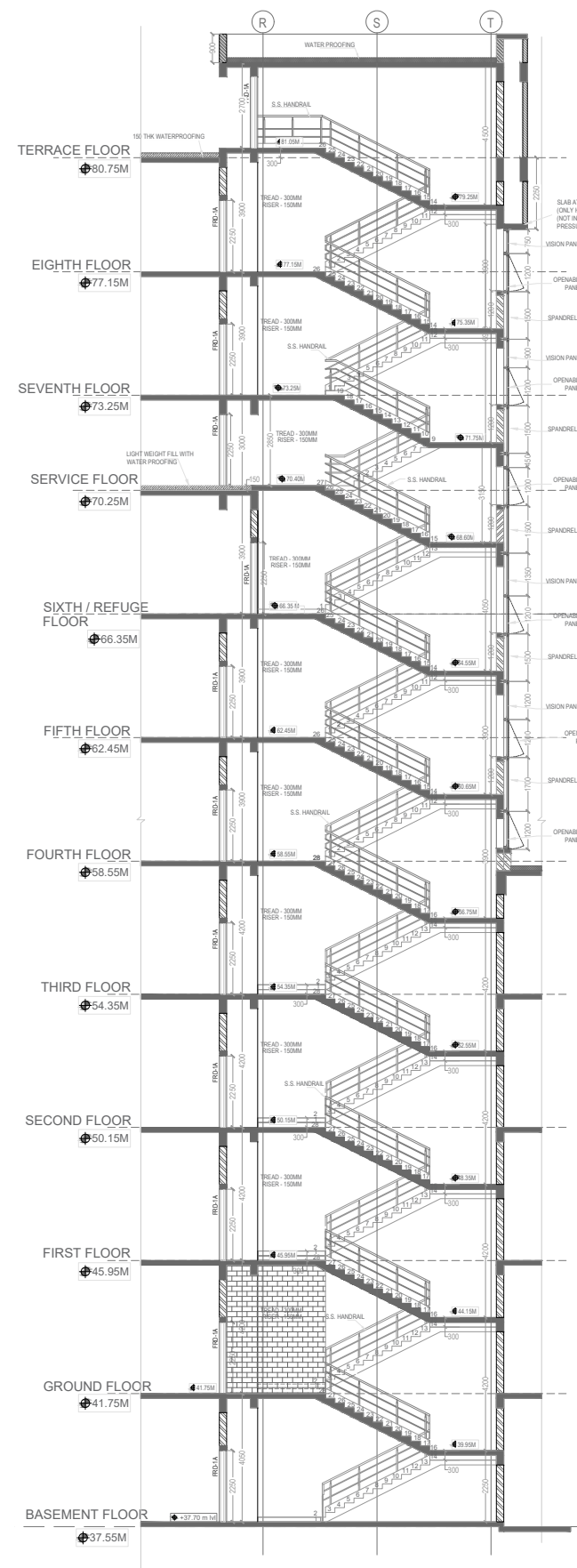
ARCHITECT'S SIGN:
SHASHI PRABHU AND ASSOCIATES



STAIRCASE 3 - SECTION AA



STAIRCASE 3 - SECTION BB

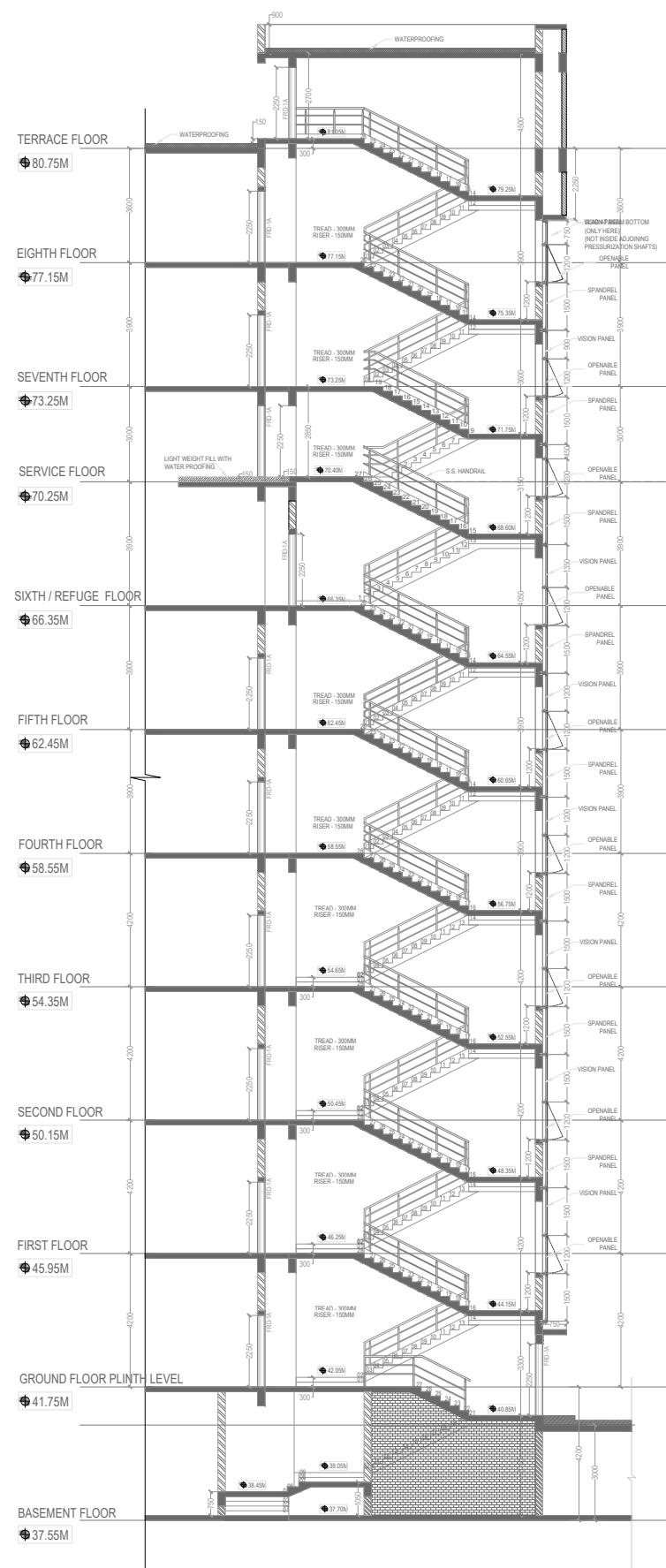


STAIRCASE 4 - SECTION AA

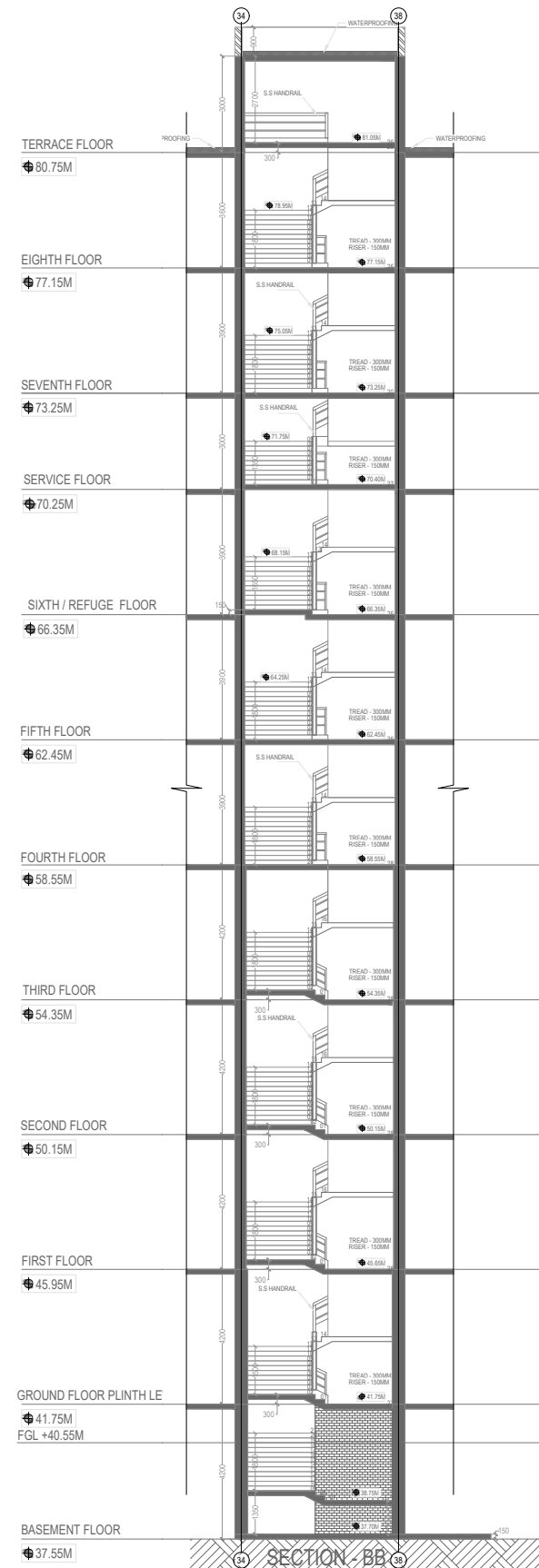


STAIRCASE 4 - SECTION BB

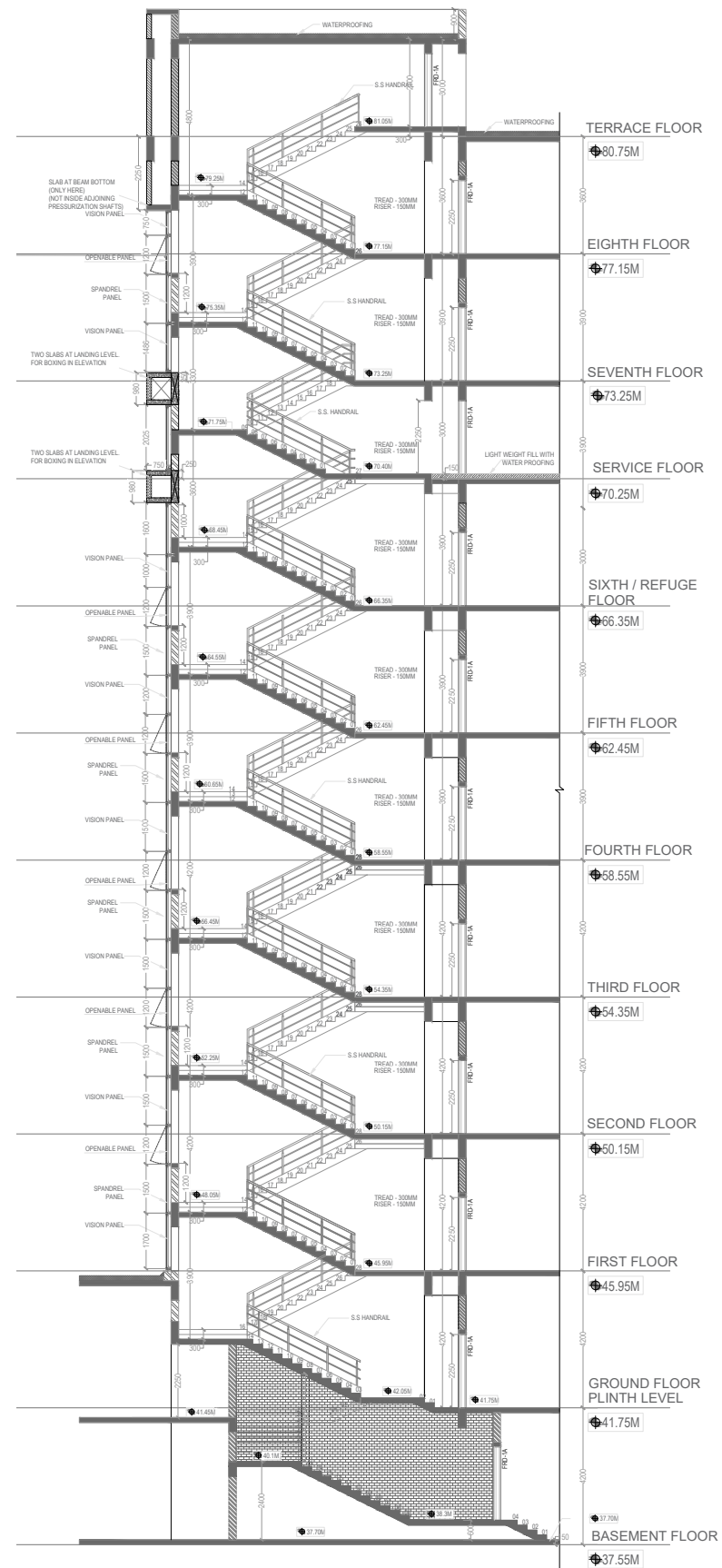




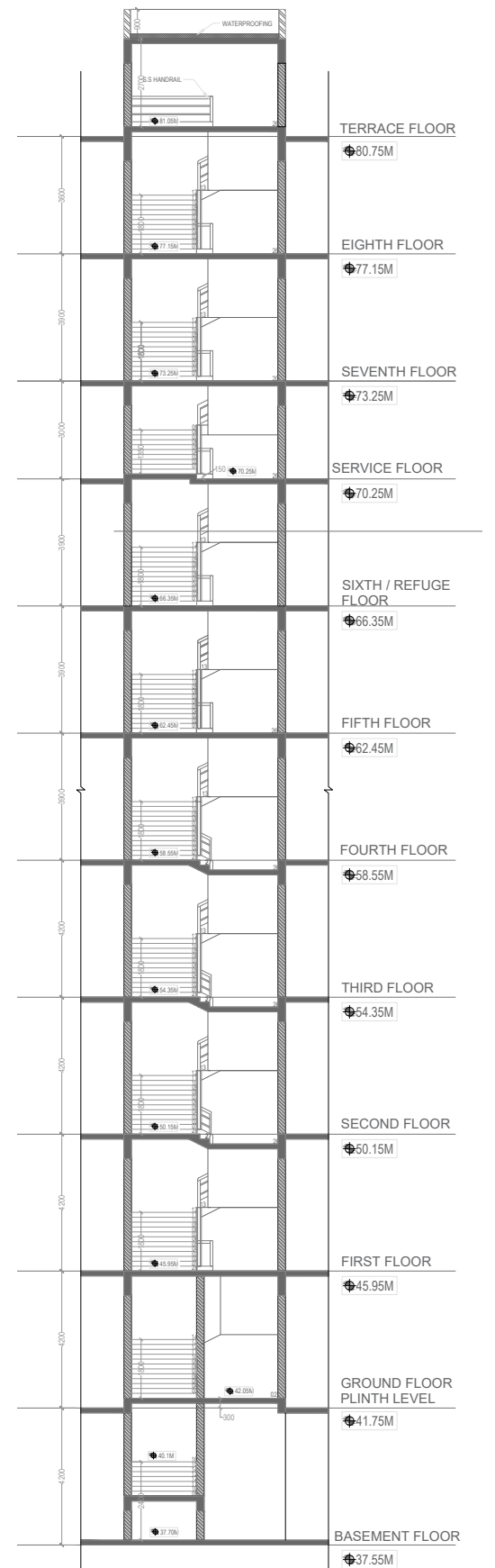
STAIRCASE 5 - SECTION AA



STAIRCASE 5 - SECTION BB

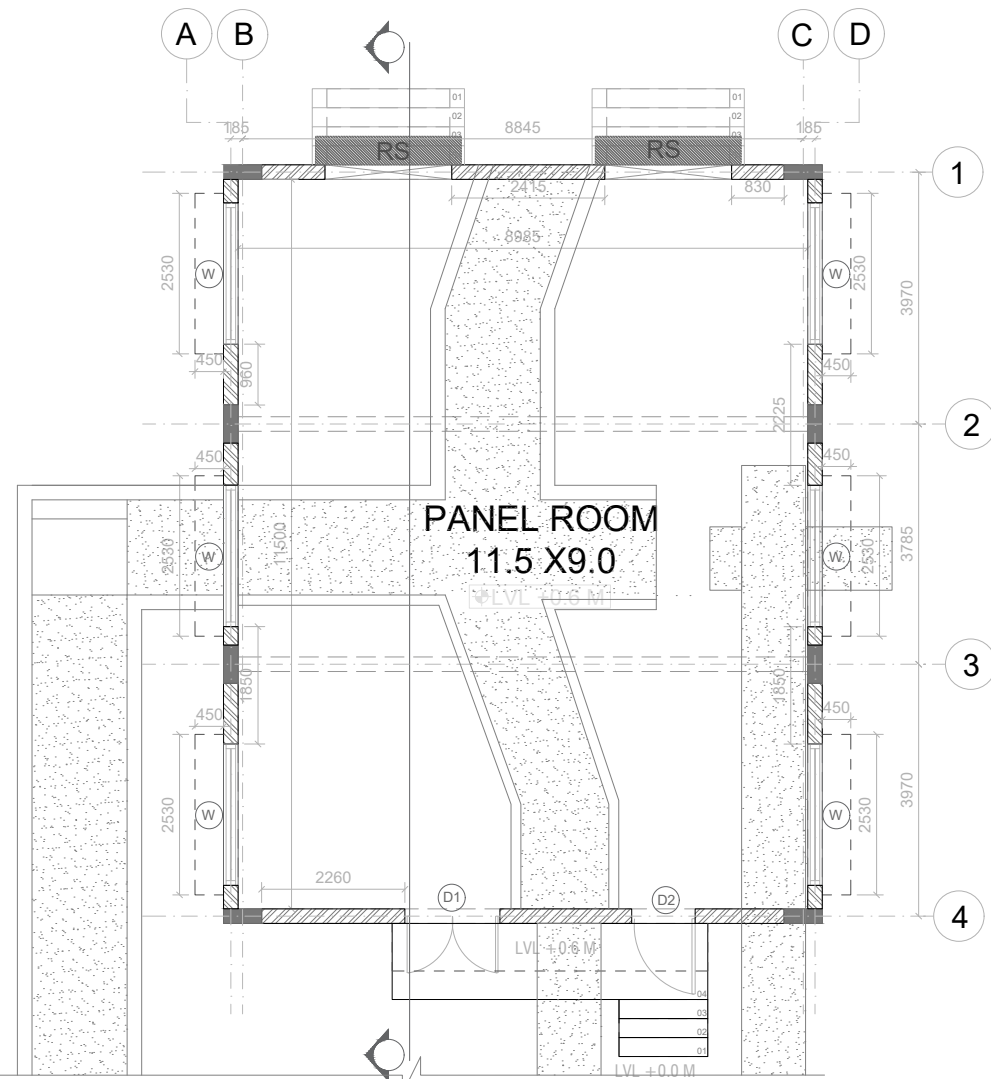
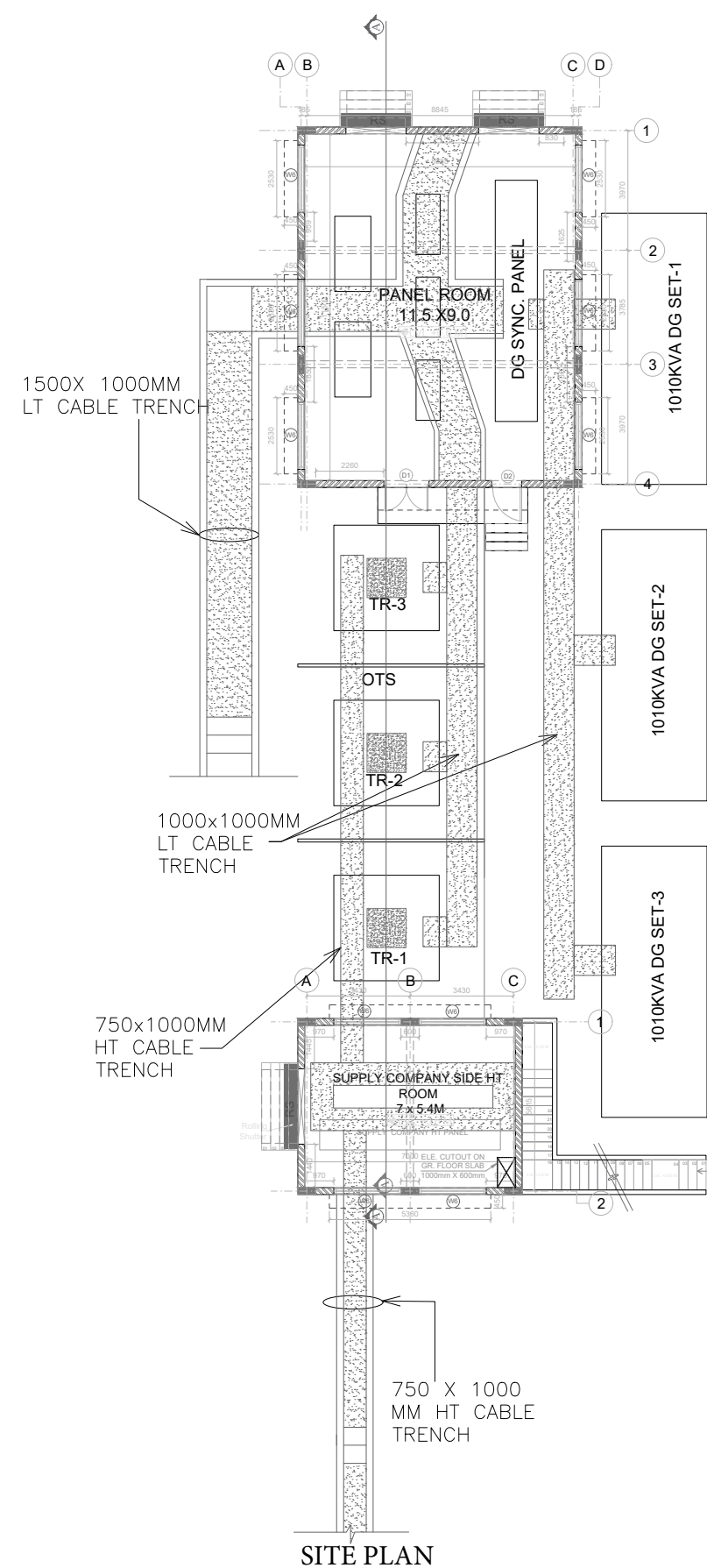


STAIRCASE 6 - SECTION AA



STAIRCASE 6 - SECTION BB

SUBSTATION

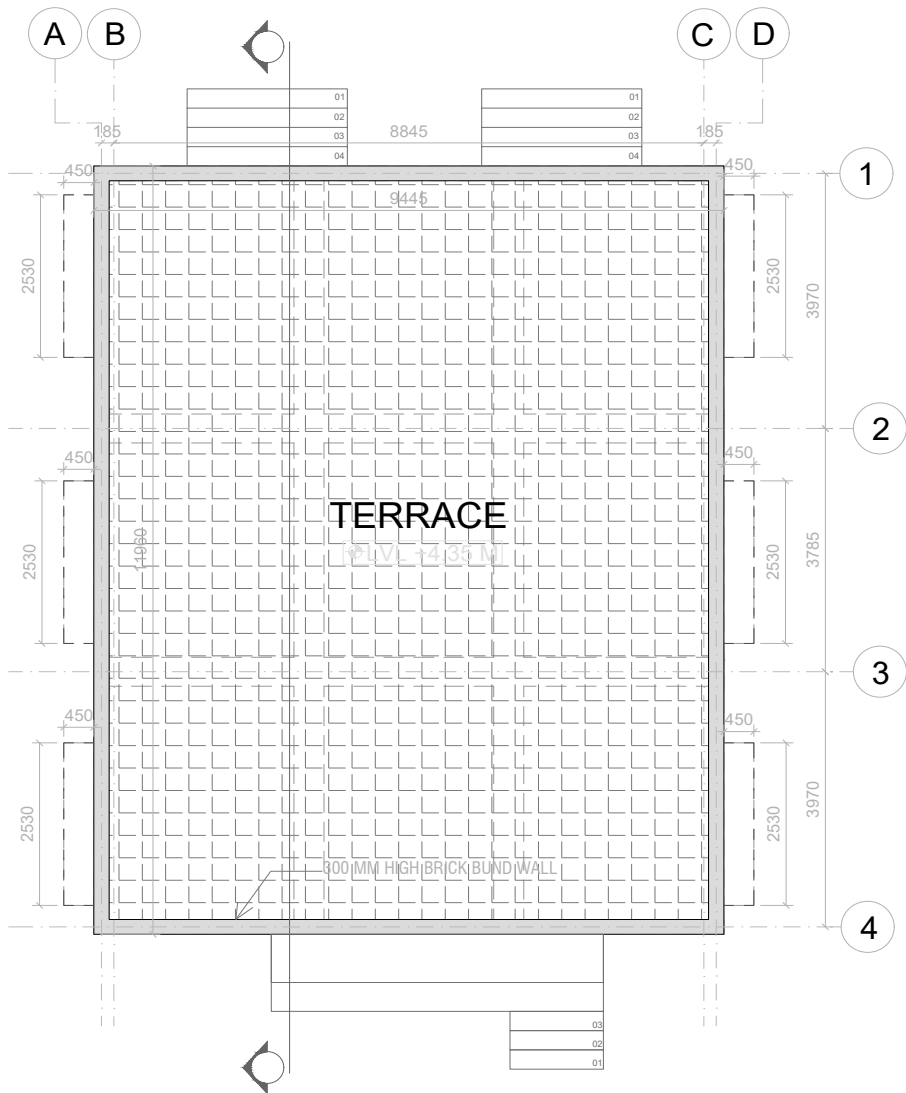


GROUND FLOOR PLAN - PANEL ROOM

SCHEDULE OF WINDOW (MASONRY OPENINGS)				
SR.NO.	NAME	DIMENSIONS	LINTEL	SILL
1.	W	2230 MM X 750 MM	2250 MM	1500 MM

SCHEDULE OF DOOR (MASONRY OPENINGS)			
SR.NO.	NAME	DIMENSIONS	LINTEL
1.	D1	1500 MM X 2250 MM	2250 MM
2.	D2	1000 MM X 2250 MM	2250 MM
3.	D3	1200 MM X 2250 MM	2250 MM

STAIRCASE SCHEDULE	
1.	RISER :160MM
2.	TREAD :300MM



TERRACE FLOOR PLAN - PANEL ROOM

O.T.s

SurgeryOphthal
Septic
Emergency
Burns
Plastic Surgery
Cardio Vascular Surgery
Uro Surgery/ Gastro En-
tero
Surgery
Neuro Surgery

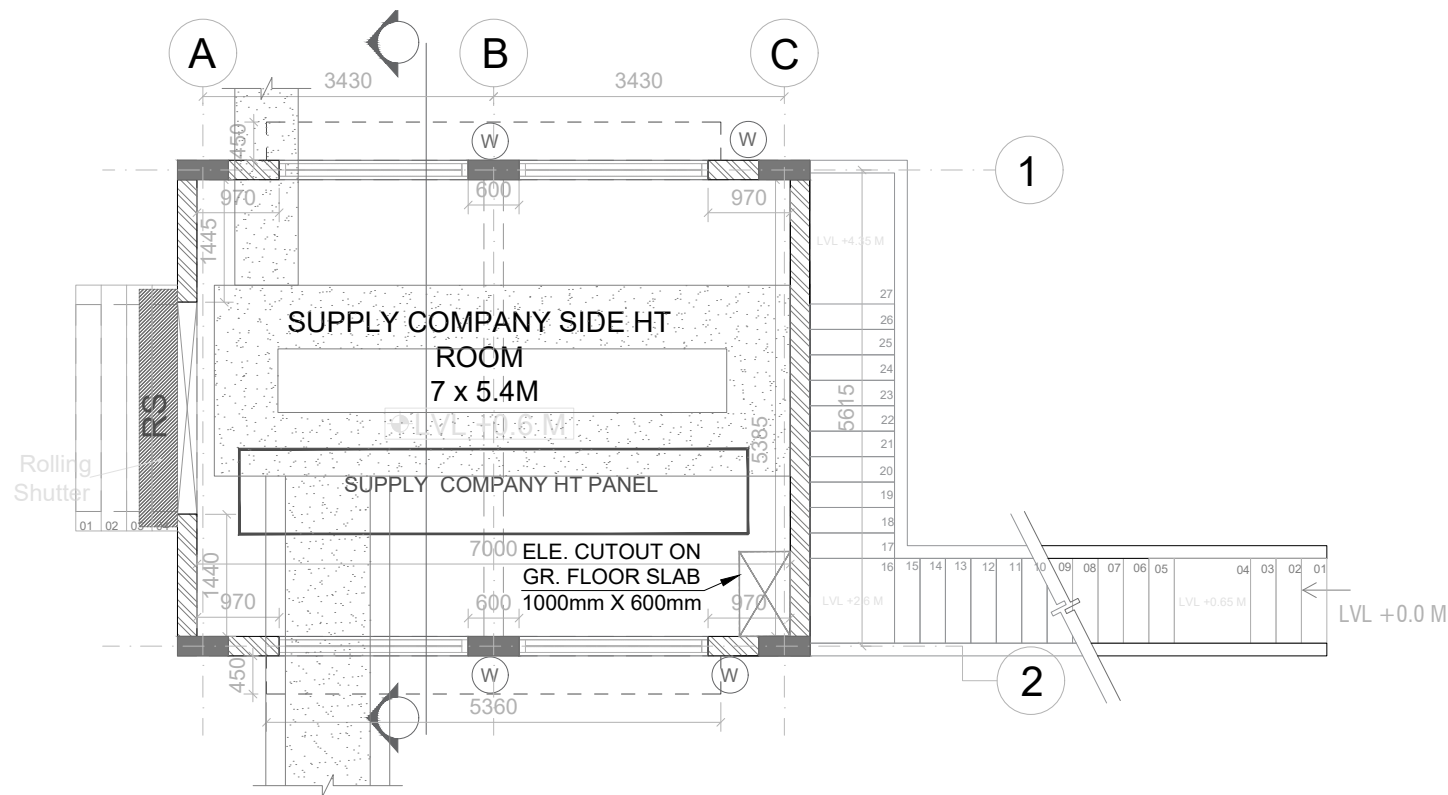
GENERAL:

Surgery
Ortho
OBGY
Pediatric
ENT
Ophthal
EMS
Isolation Beds

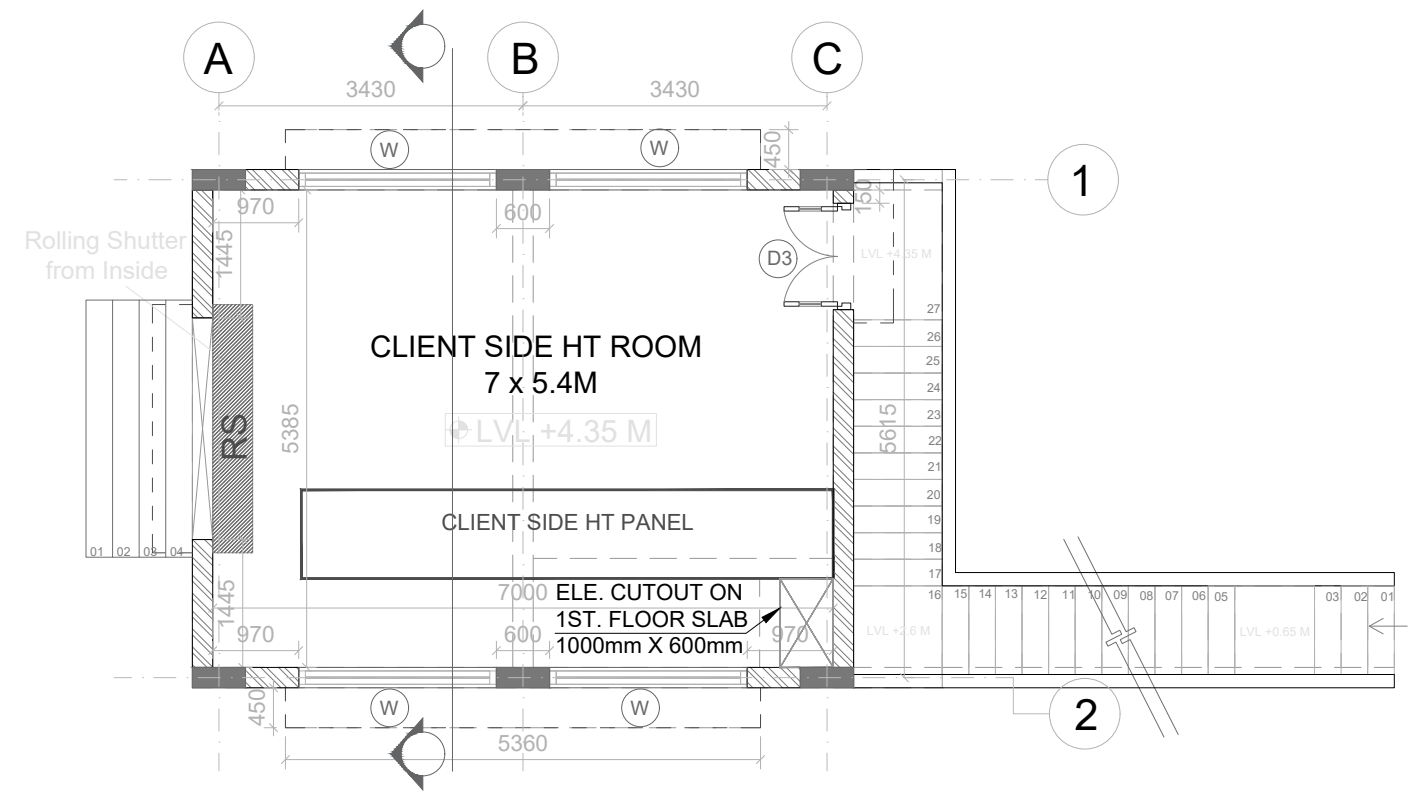
SUPERSPECIALITY:

Cardiology Medicine
Cardio Vascular Surgery
Plastic Surgery
Burns
Nephrology
Uro Surgery
AKD
Gastro Entero Medicine and
Surgery
Neurology medicine and Neuro
Surgery
Haematology and Oncology

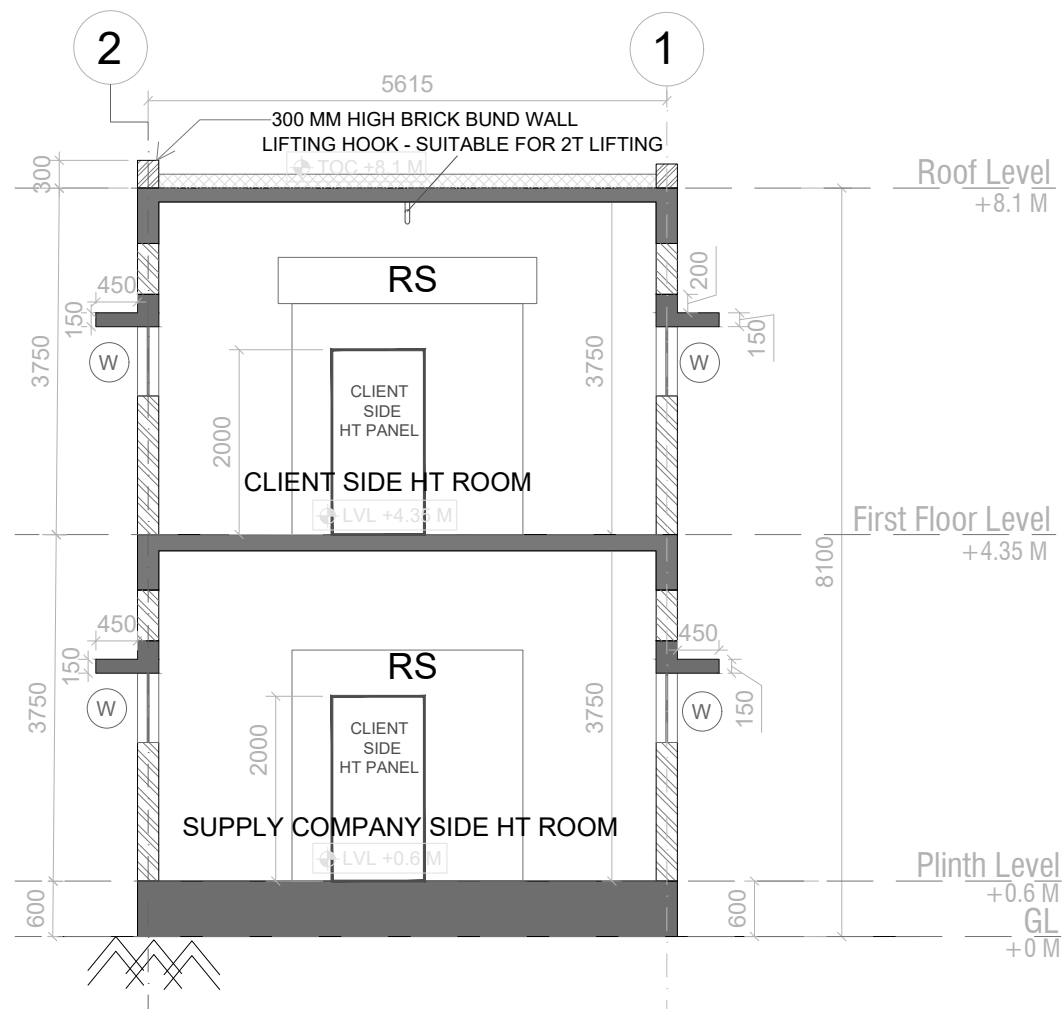




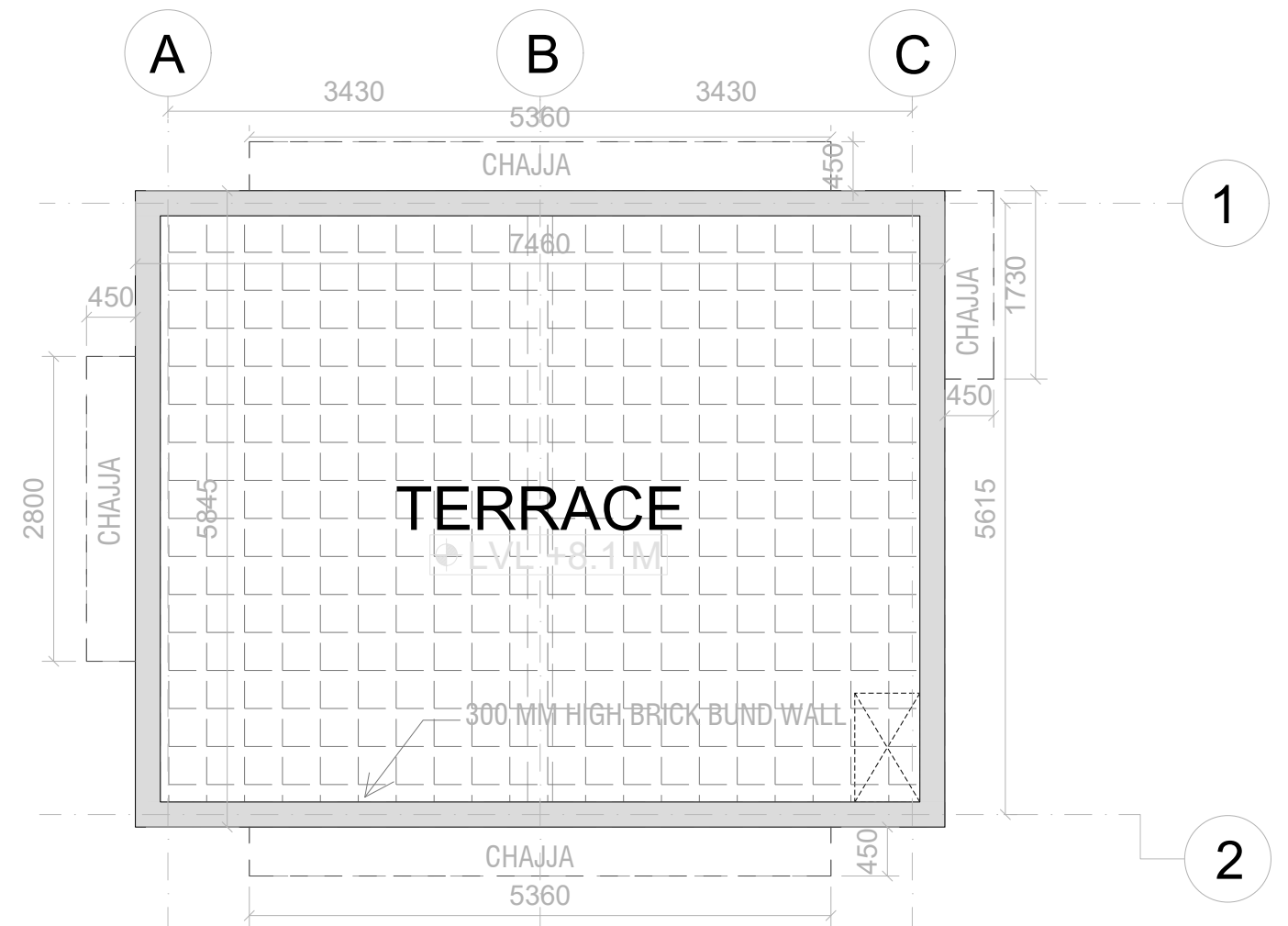
GROUND FLOOR PLAN -SUPPLY COMPANY ROOM



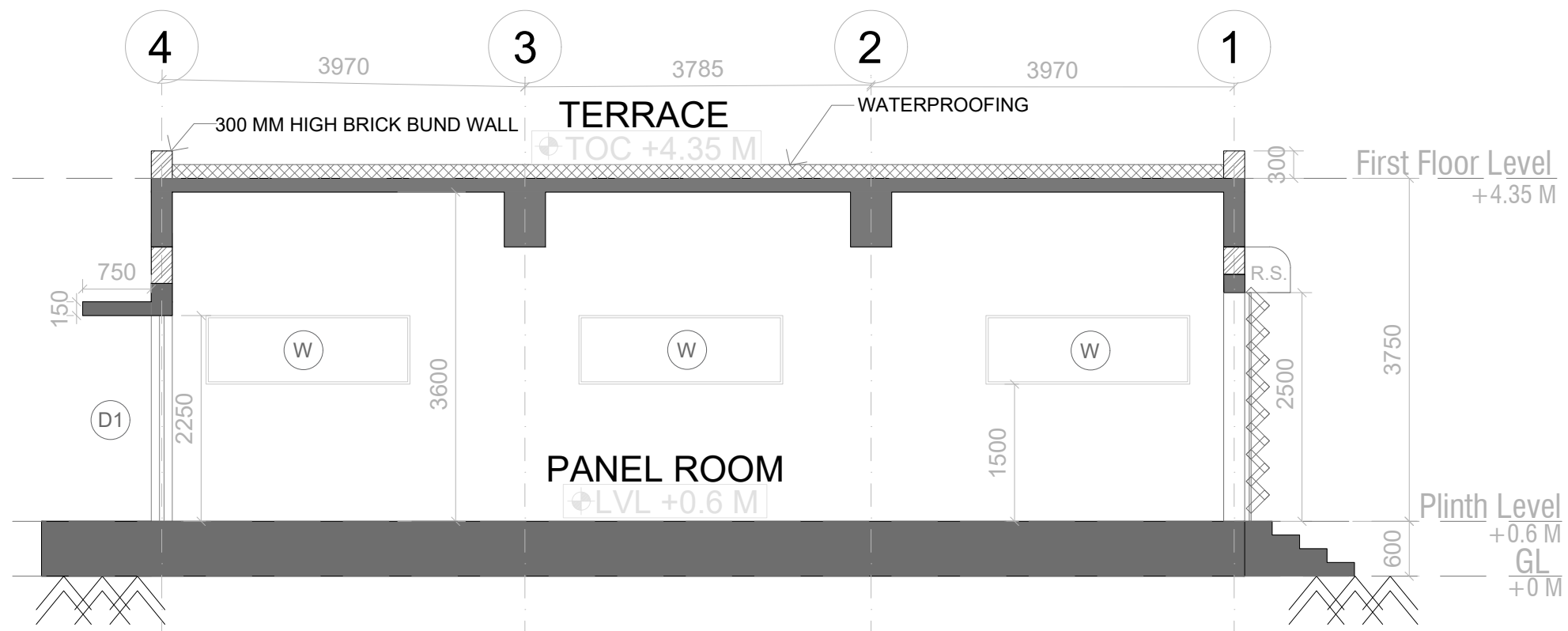
FIRST FLOOR PLAN -SUPPLY COMPANY ROOM



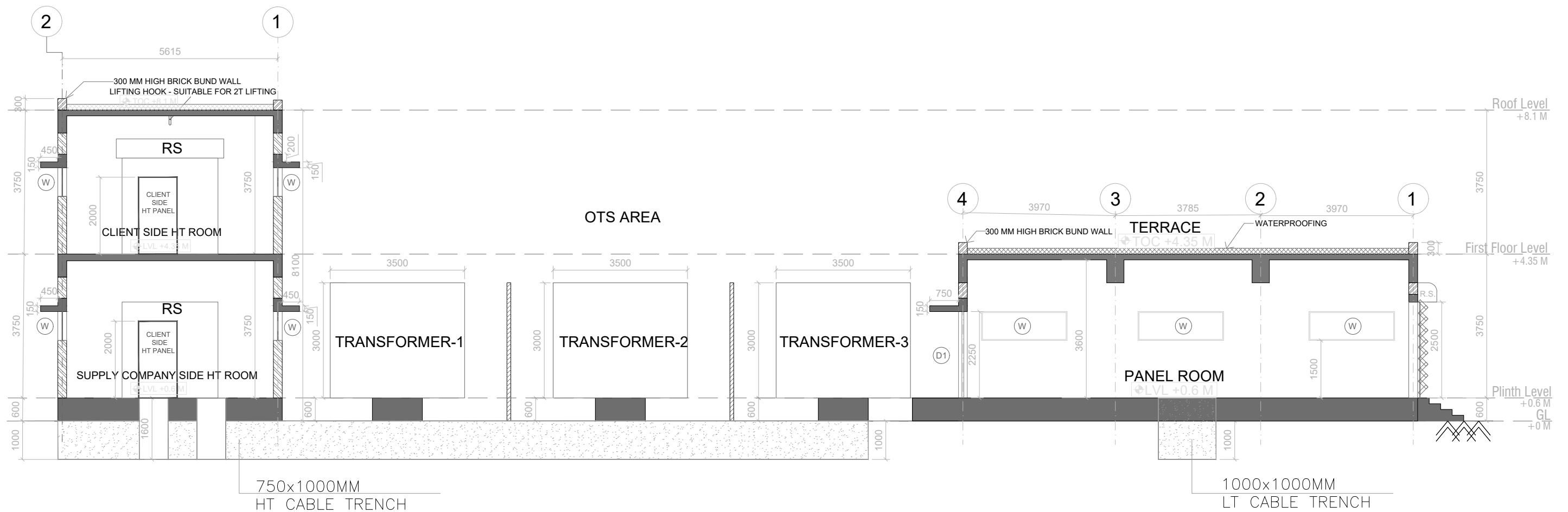
SECTION -SUPPLY COMPANY ROOM



TERRACE FLOOR PLAN -SUPPLY COMPANY ROOM

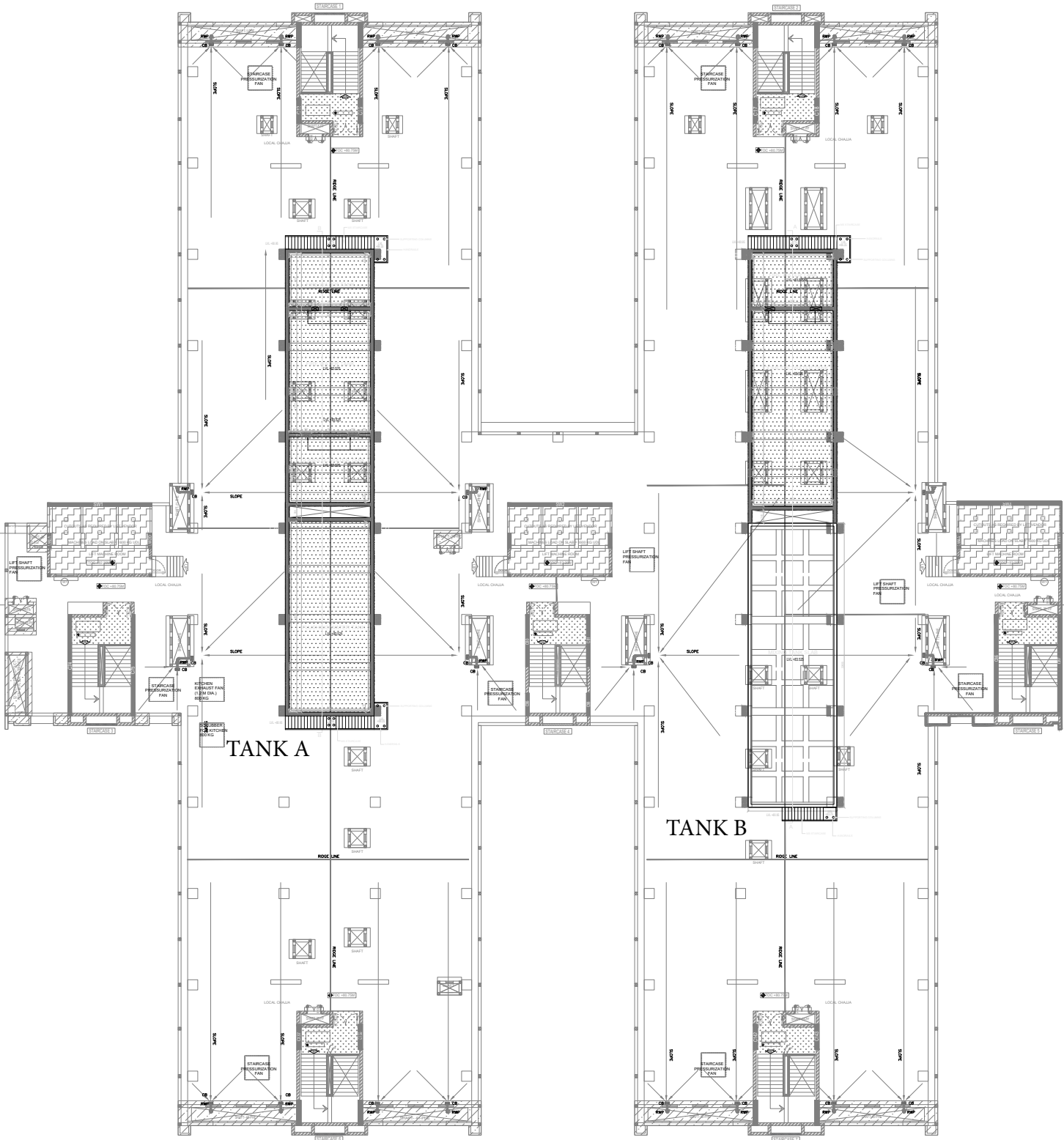


SECTION - PANEL ROOM

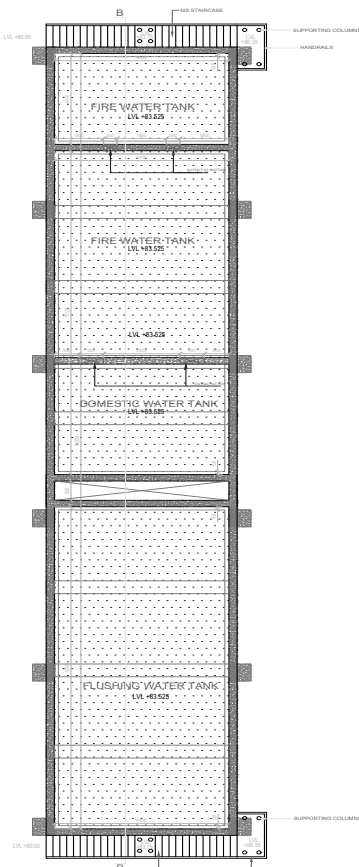


SECTION - SITE PLAN (SECTION AA)

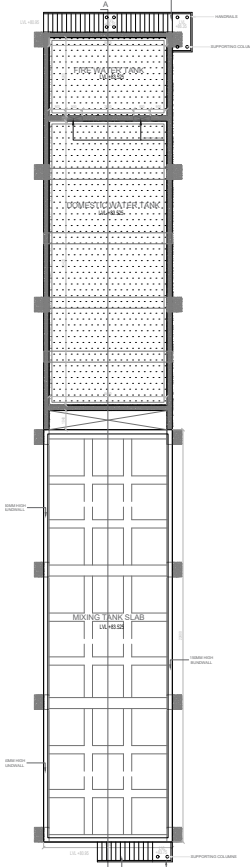
OVER-HEAD TANK



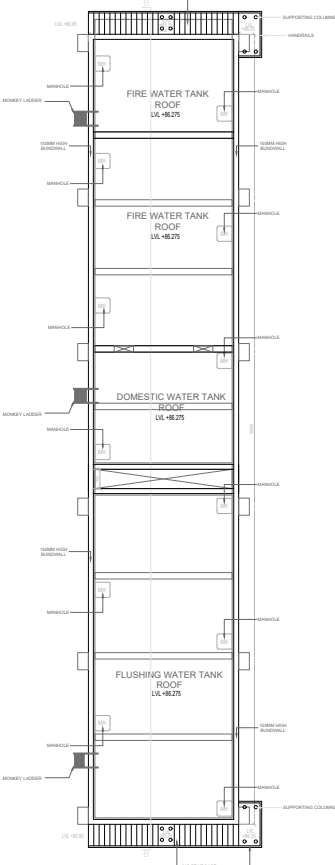
OVER HEAD TANK FLOOR PLAN



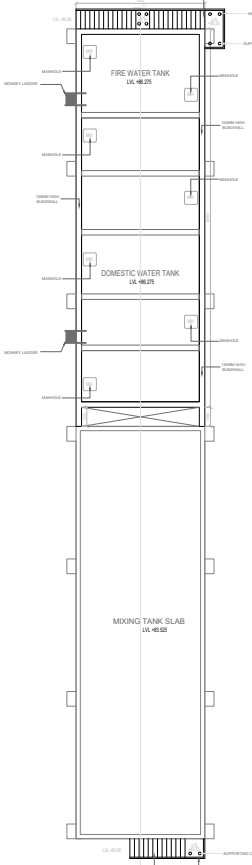
GROUND FLOOR PLAN - TANK A



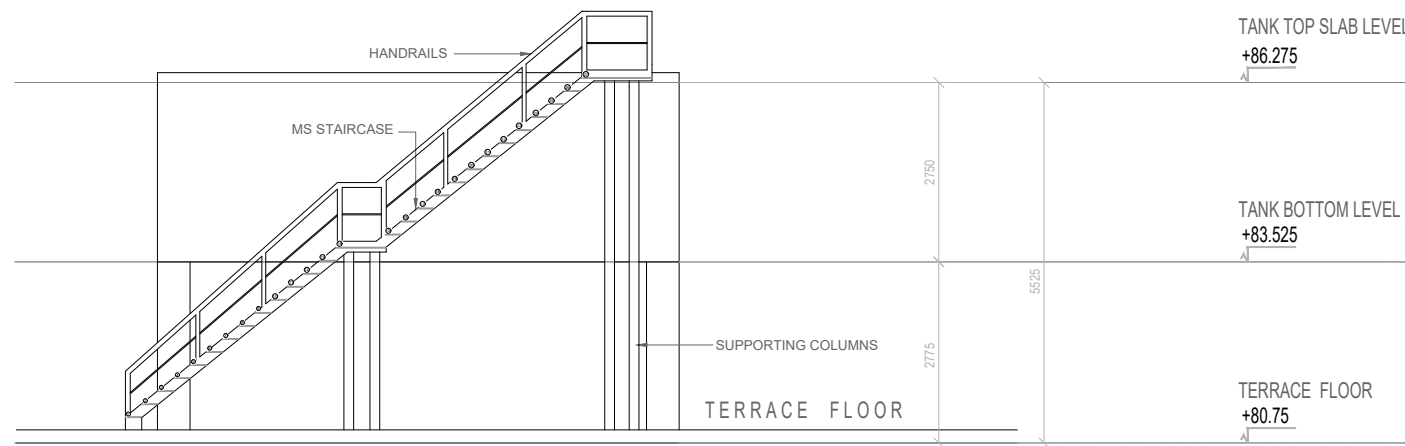
GROUND FLOOR PLAN - TANK B



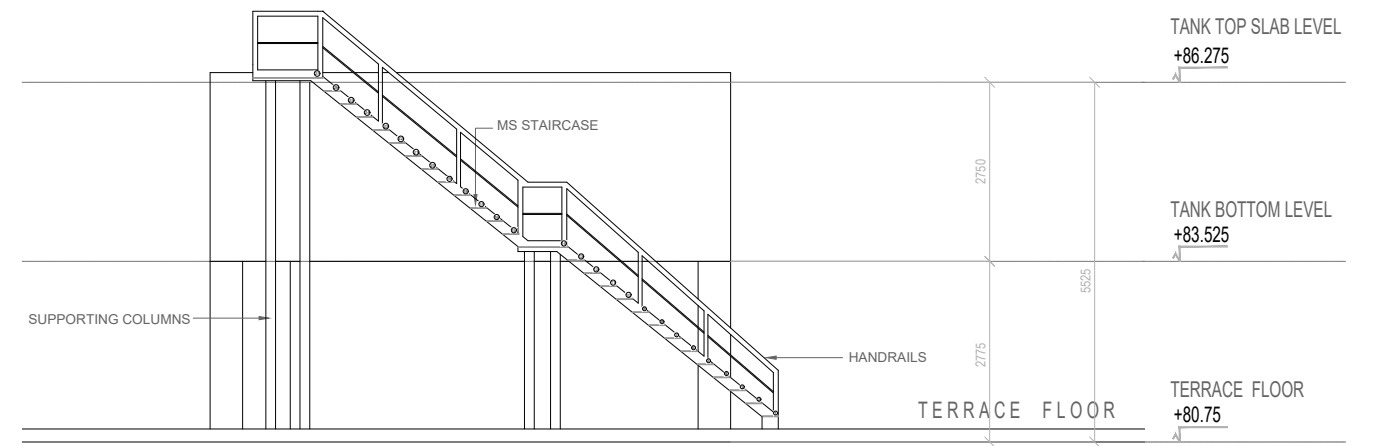
ROOF FLOOR PLAN - TANK A



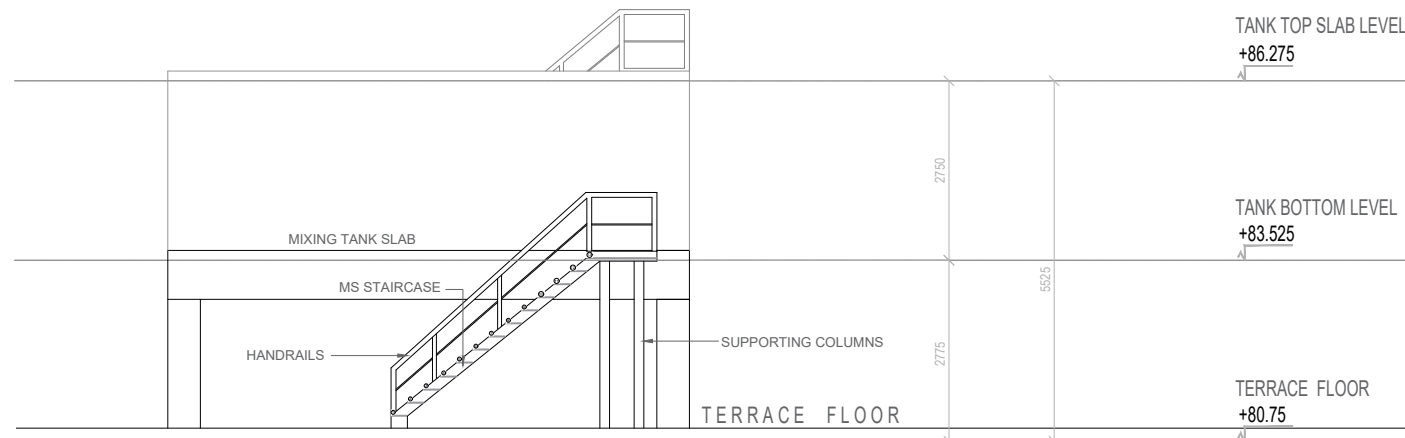
ROOF FLOOR PLAN - TANK B



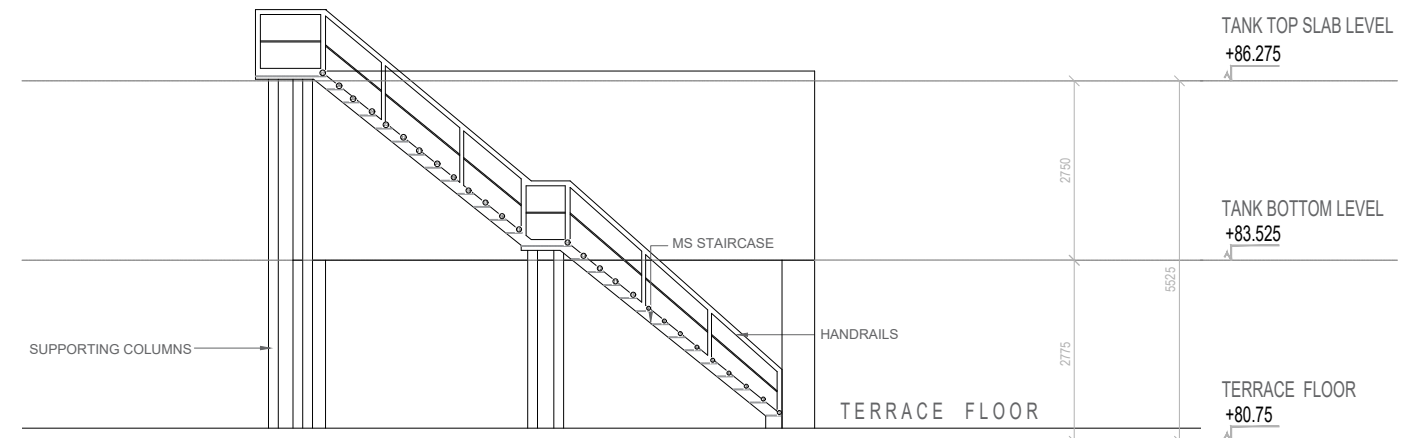
SOUTH ELEVATION -TANK A



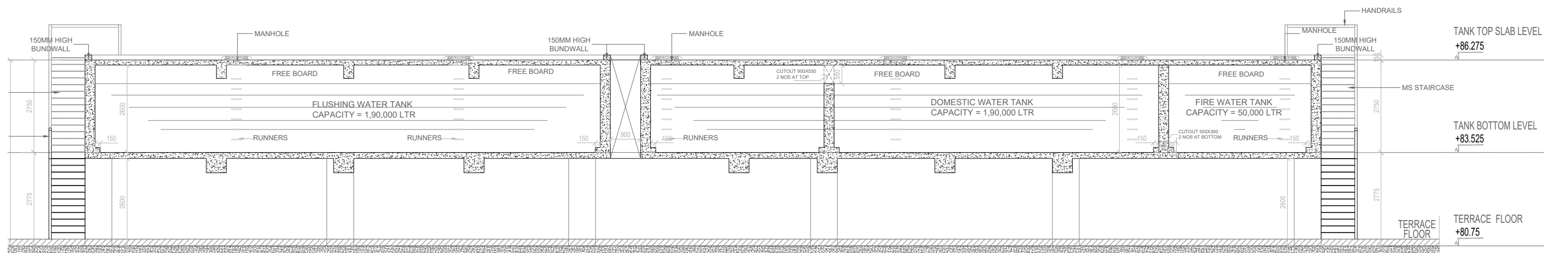
NORTH ELEVATION -TANK A



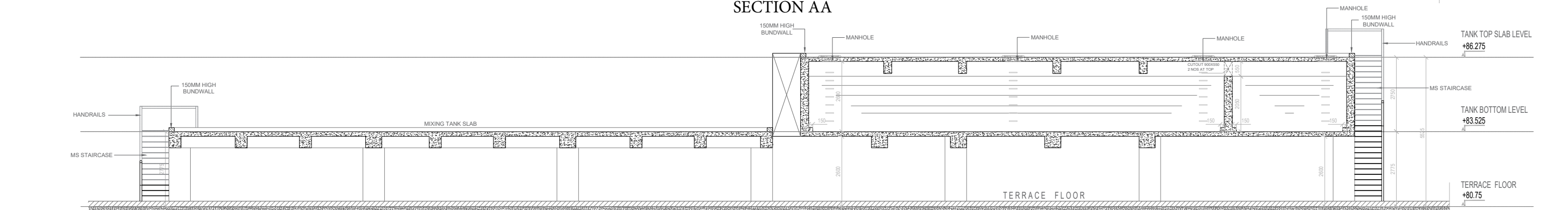
SOUTH ELEVATION -TANK B



NORTH ELEVATION -TANK B



SECTION AA



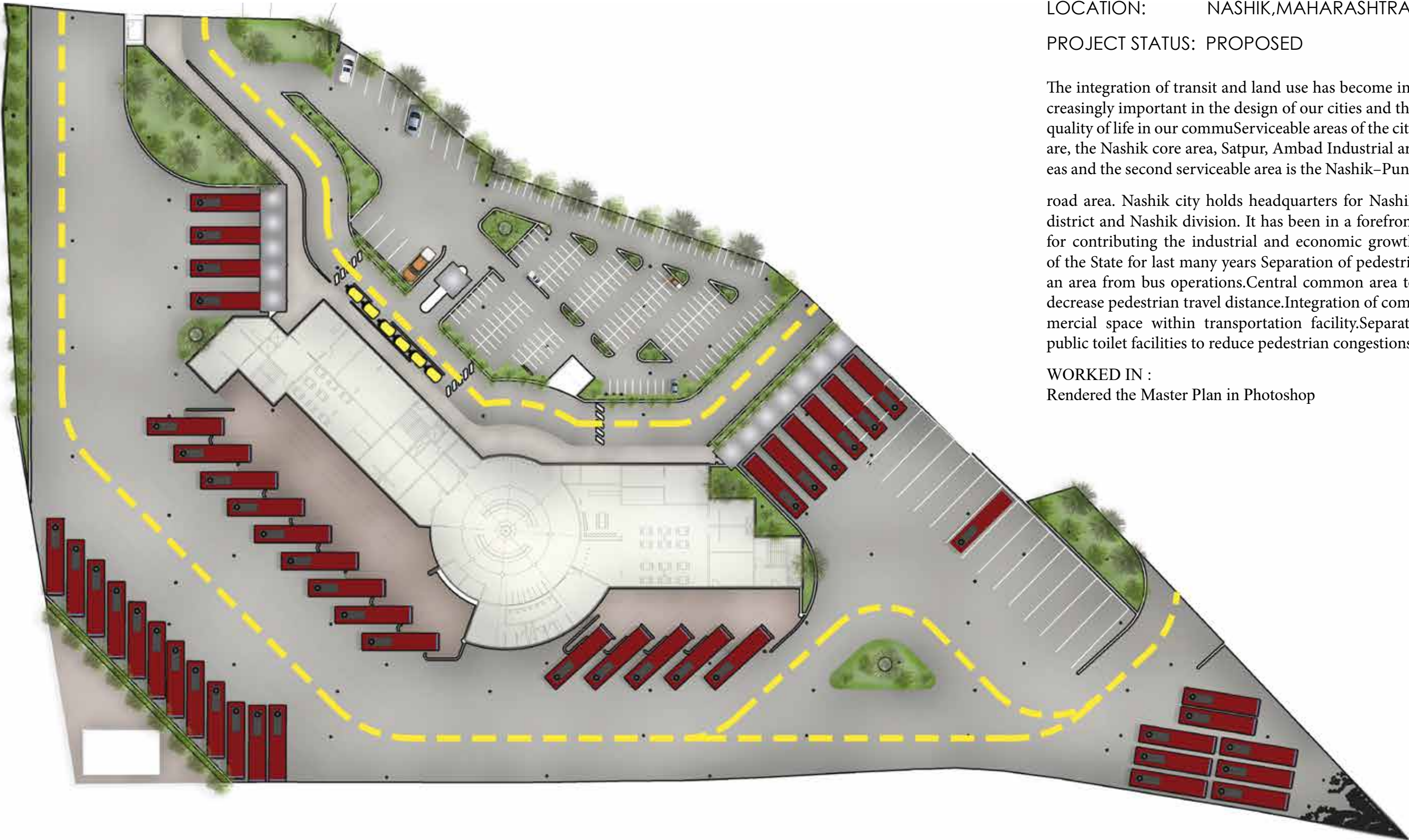
SECTION BB

39210007

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY



NASHIK MAHAMARG BUS PORT



PROJECT TYPE : COMMERCIAL
LOCATION: NASHIK,MAHARASHTRA
PROJECT STATUS: PROPOSED

The integration of transit and land use has become increasingly important in the design of our cities and the quality of life in our commuServiceable areas of the city are, the Nashik core area, Satpur, Ambad Industrial areas and the second serviceable area is the Nashik–Pune road area. Nashik city holds headquarters for Nashik district and Nashik division. It has been in a forefront for contributing the industrial and economic growth of the State for last many years Separation of pedestrian area from bus operations.Central common area to decrease pedestrian travel distance.Integration of commercial space within transportation facility.Separate public toilet facilities to reduce pedestrian congestions.

WORKED IN :
Rendered the Master Plan in Photoshop

