



PORTFOLIO

PROFESSIONAL WORK



www.aayushichheda.com

AAYUSHI CHHEDA

Architect, Designer

RÉSUMÉ

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EDUCATION

- Aug. 2022 - Jun. 2023University of California, Los Angeles, UCLA (M.S Architecture and Urban Design, Post Professional degree, Entertainment Studio), USA
- Aug. 2015 - Apr. 2020University of Mumbai, (Bachelors of Architecture), India
G.P.A. 8.14/10

WORK EXPERIENCE

- Jan. 2021 - Jun. 2022Architect - ARK Designs Pvt. Ltd. Mumbai, India
Worked with Ar. Raaja Chavvan on large scale commercial, government and residential projects across India
- Jul. 2020 - Dec. 2020Designer - Personal Work, Mumbai, India
Freelanced on a few interior projects
- Nov. 2018 - Apr. 2019Intern Architect - Hitanshu Jishtu, Shimla, India
Worked under Ar. Hitanshu Jishtu on cultural, design centres and mountain homes

ACADEMIC EXPERIENCE

- Sep. 2022 - Jun. 2023Student Lab Worker - University of California, Los Angeles
Managed activities in 3D printing, wood work, laser cutting and robotics for UCLA
- Mar. 2017 - Mar. 2018Unit Secretary - National Association of Students of Architecture, India
Worked as the unit secretary of my college and led it to create live projects in public places of Mumbai, India

SKILLS

Digital Skills

Drawing & Modeling	AutoCAD	Cinema4D	Blender	Rhino + Grasshopper
	●●●●	●●●●	●●●●	●●●●
	Revit	Sketchup	Maya	Marvelous Designer
	●●●●	●●●●	●●●●	●●●●
Rendering & Graphics	Photoshop	InDesign	Illustrator	VRay
	●●●●	●●●●	●●●●	●●●●
	PremierePro	AfterEffects	Octane(c4d)	Twin Motion
	●●●●	●●●●	●●●●	●●●●
Game Engine & Machine Learning(AI)	Unreal Engine 5	Unity	VQGan+Clip	CycleGan
	●●●●	●●●●	●●●●	●●●●

Additional Skills

Physical Model Making | 3D Printing | Wood Work | Laser Cutting |

Personal Skills

Creative | Problem solver | Attentive to details | Communicative | Cooperative | Analytical Decision Making | Hardworking | Ability to handle pressure and meet deadlines



Creativity and thoughtful detail being my innate passion makes design, architecture and it's representation the central focus of my professional dreams. Th interplay of spaces and visuals leave a profound imprint on the human mind and therefore kindle a motivation to create within me.

My professional portfolio is a compilation of a few selected works across my two and a half years of professional experience. The work ranges from buildings for the Indian Navy Coastguard, Securities and Exchange Board of India and nationalised banks to RUral and City Livelihood Centres.

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01.

1.

Client Project : Indian Navy Coastguard, Mumbai

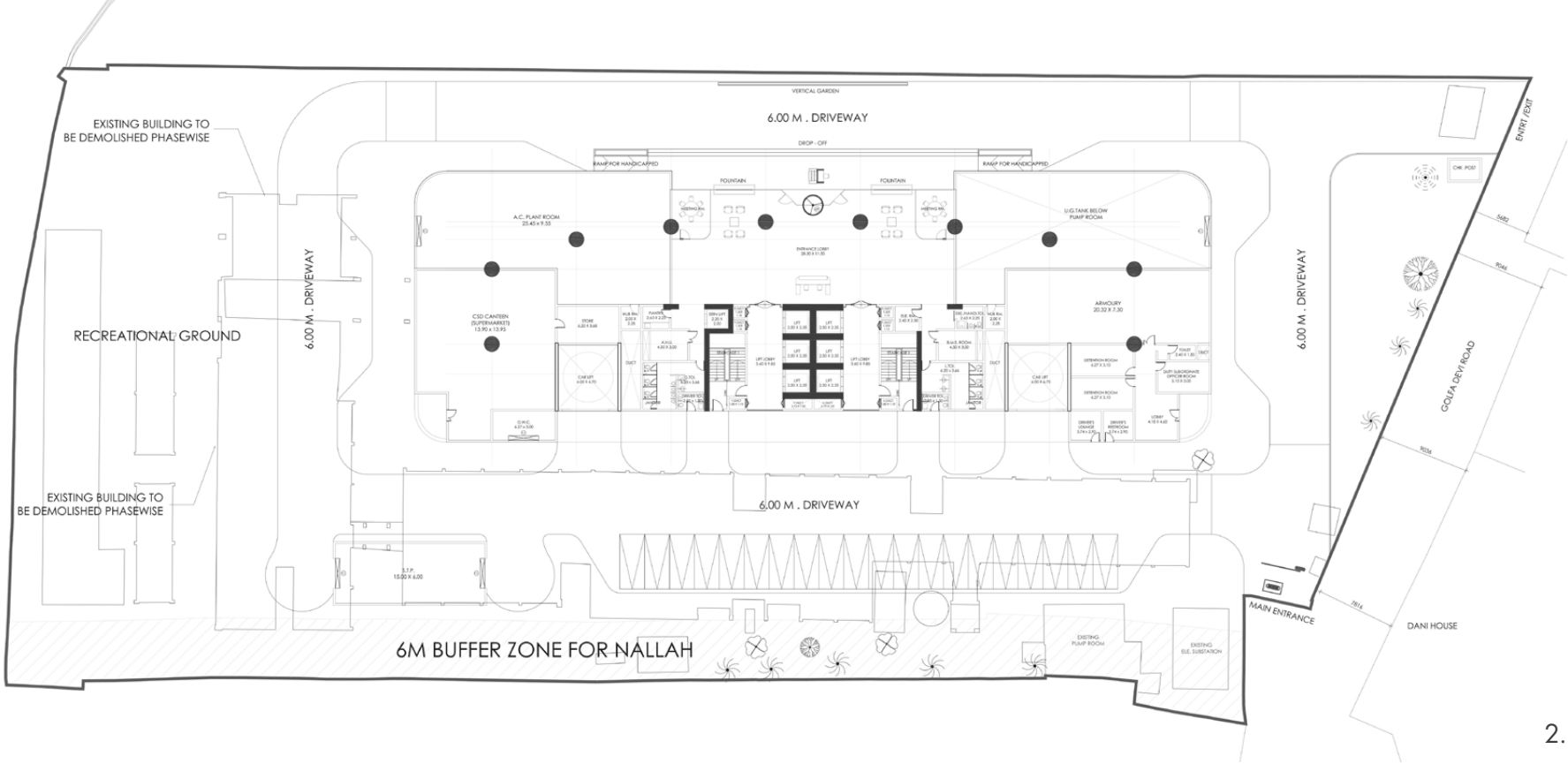
Year : 2022

Sprawling over 15,000 square feet, the Indian Coastguard building stands on the coast of the Indian Sea as the sea protecting headquarters of the country. Enveloped on land with open green spaces and the heritage site of Worli Koliwada (the fisherman community), the Coastguard building is a soon to be significant addition to Mumbai's skyline.

The structure is reminiscent of a ship with hull like projections on its terrace. A coated glass facade with stepped terraces give the building visual access to the outside.

1. View of the building from the sea

Work under ARK Designs Pvt. Ltd.



2.



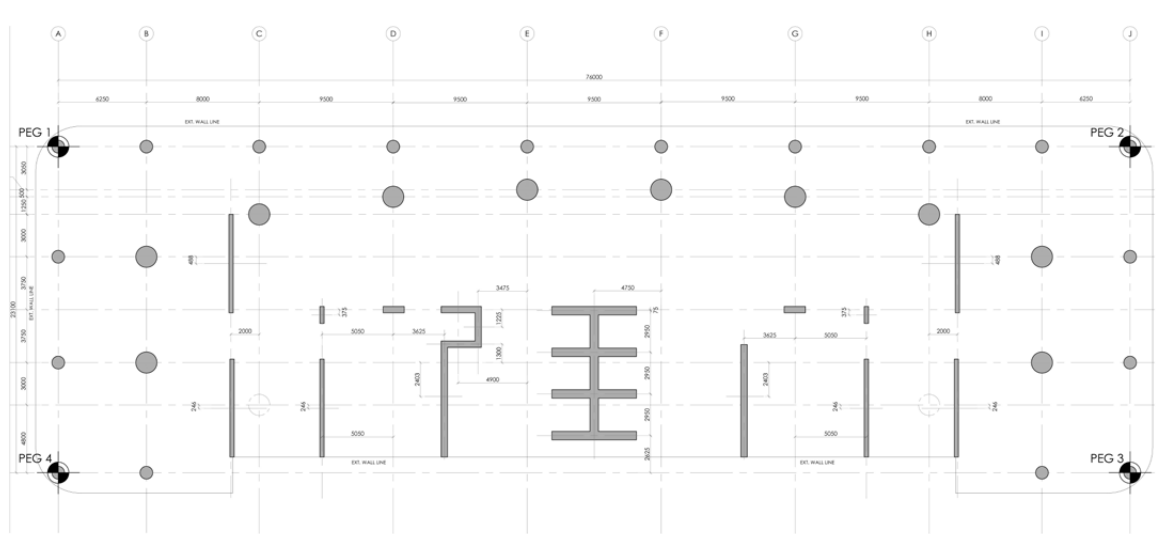
4.

Client Project : Indian Navy Coastguard, Mumbai

Year : 2022

- 2. Ground floor plan
- 3. Column layout drawing
- 4. Aerial view of building
- 5. Section through building

Work under ARK Designs Pvt. Ltd.



3.



5.



02.

Client Project : All India Institute of Physical Medicine and Rehabilitation

Year : 2022

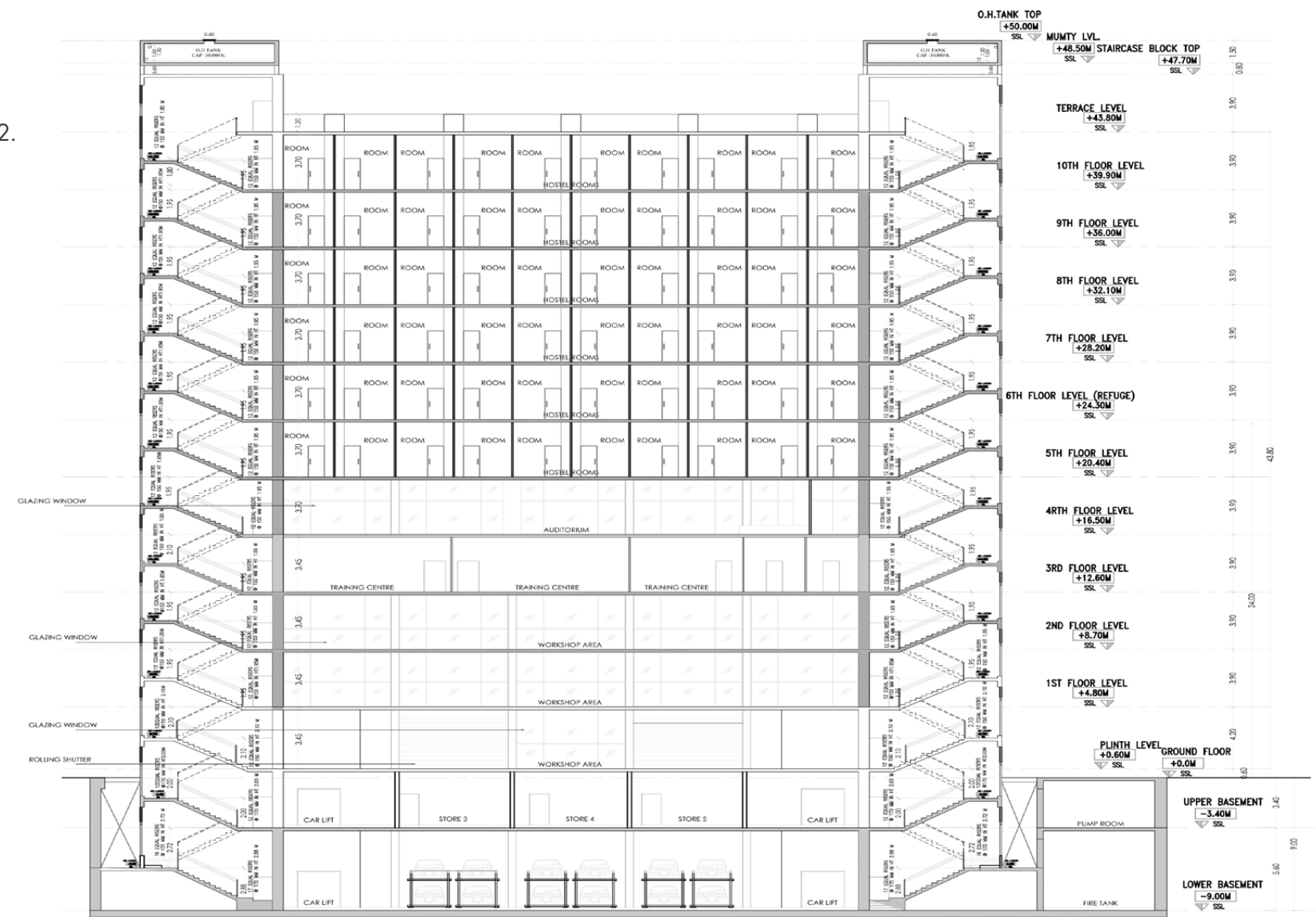
The All India Institute of Physical Medicine and Rehabilitation (A.I.I.P.M.R) is a government building for research and treatment of patients. Located in south Mumbai, the building lies on a spacious 17,500 square foot plot close to a residential locality. The organization is a prestigious body known for scientific breakthroughs and therefore requires both up to date space and architectural relevance to stand as the symbol for medical progress.

Double heightened entries, semi-open terraces, internal gardens add to the much needed open spaces in the structure that the city lacks.

1. View of building

Work under ARK Designs Pvt. Ltd.

2.



3.



Client Project : All India Institute of Physical
Medicine and Rehabilitation
Year : 2022

2. Section through building

3. Fourth floor plan

Work under ARK Designs Pvt. Ltd.



03.

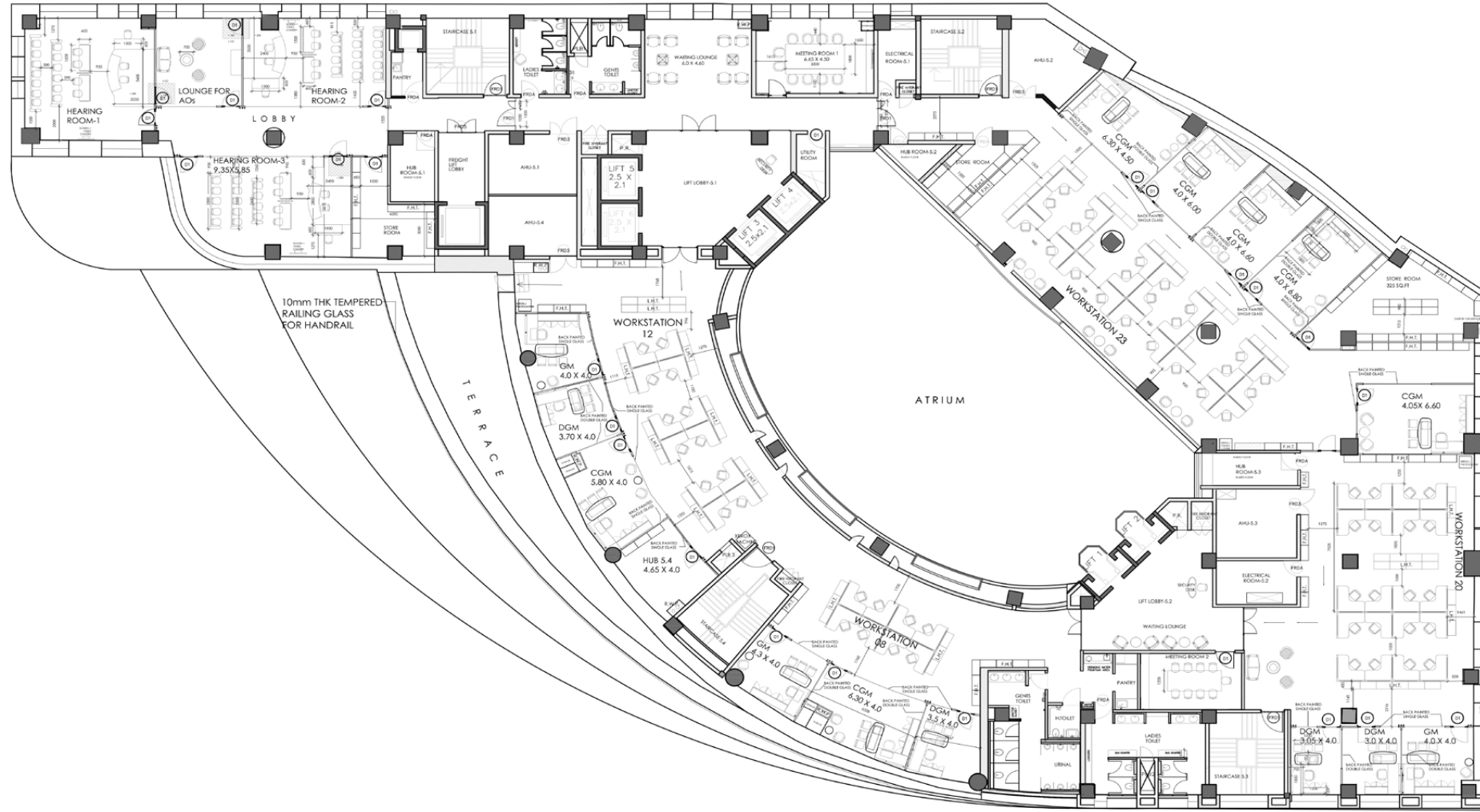
Client Project : Securities and Exchange Board of India

Year : 2021

The chief financial regulatory body is located in the corporate district of Mumbai sprawling over 19000 square feet of land. The building has a curved facade with curved glass panels.

1. Reception on ground floor
2. Meeting room under construction
3. Finished assistant general manager meeting room

Work under ARK Designs Pvt. Ltd.



4.

Client Project : Securities and Exchange Board of India

Year : 2021

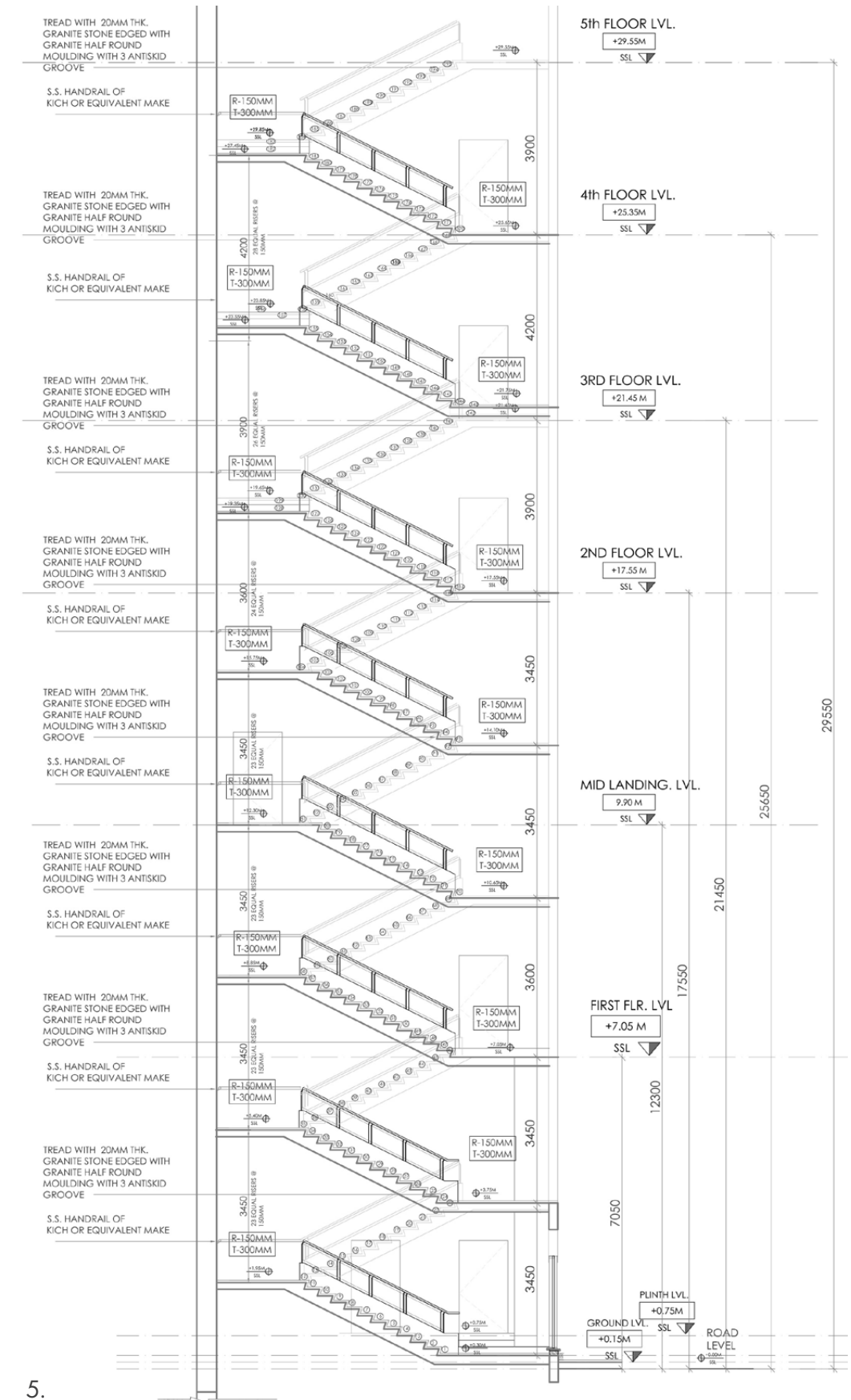
The office houses over 80 cabins, 500 workstations and 15 meeting rooms for its employees. the structure has stepped terraces of the wind facing facade with maximum openings on the opposite end to enhance natural ventilation when required.

A central large courtyard connects all the floors with a central glass panelled skylight letting in bright light into the structure.

4. Third floor plan

5. Staircase section with detailed sections

Work under ARK Designs Pvt. Ltd.



5.



1.

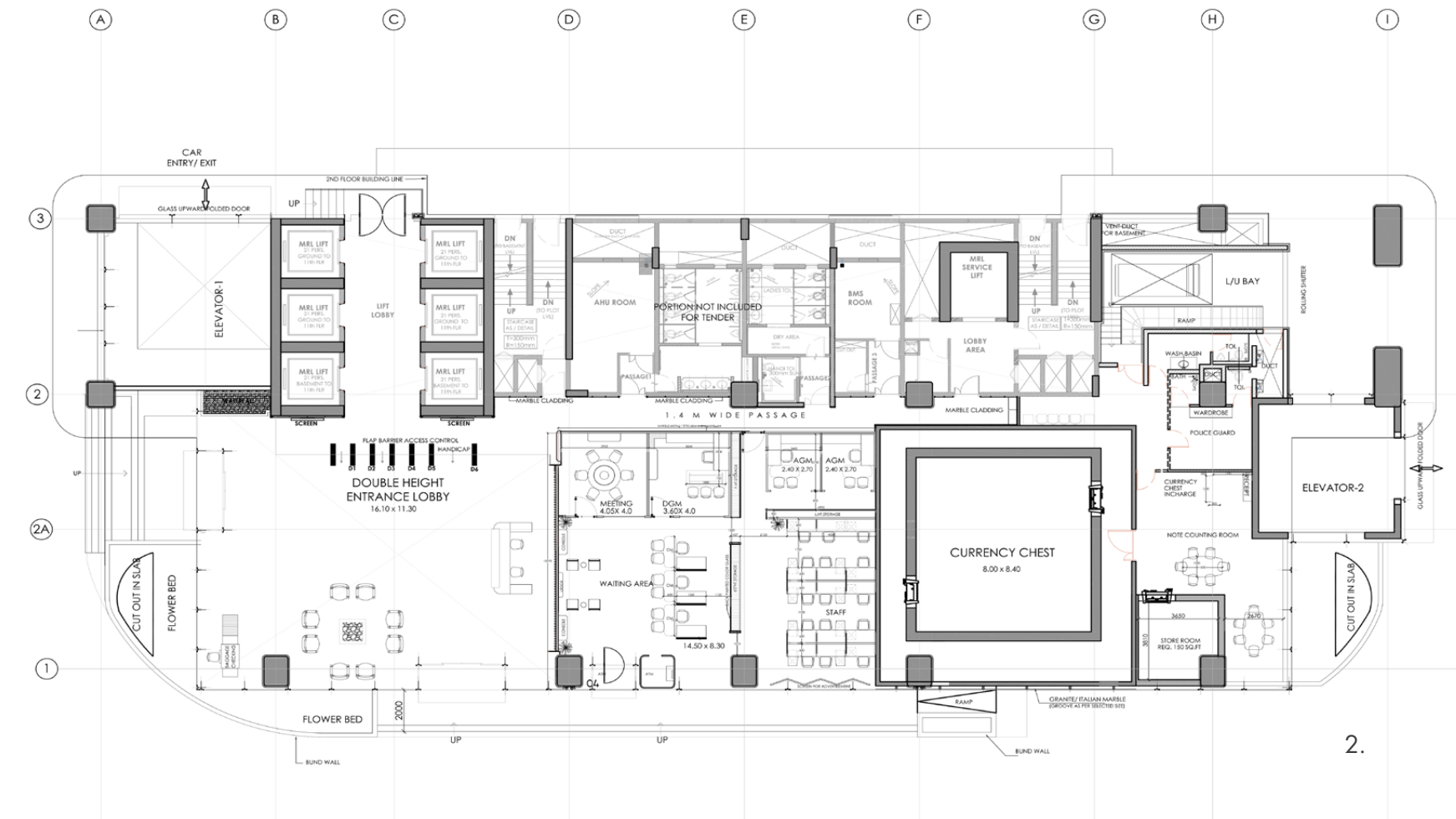
Client Project : Oriental Bank of Commerce

Year : 2021

The Oriental Bank of Commerce required a building to house its branch while leasing multiple floors to other banks. With each floor unfolding a different bank office, the building required different interior design approaches for each level. Bank logos were used as color palette themes to create office as well as recreational spaces in the building. Veneer panels, wood details, and marble flooring was used extensively in this building.

1. Photograph from cafeteria

Work under ARK Designs Pvt. Ltd.



Client Project : Oriental Bank of Commerce

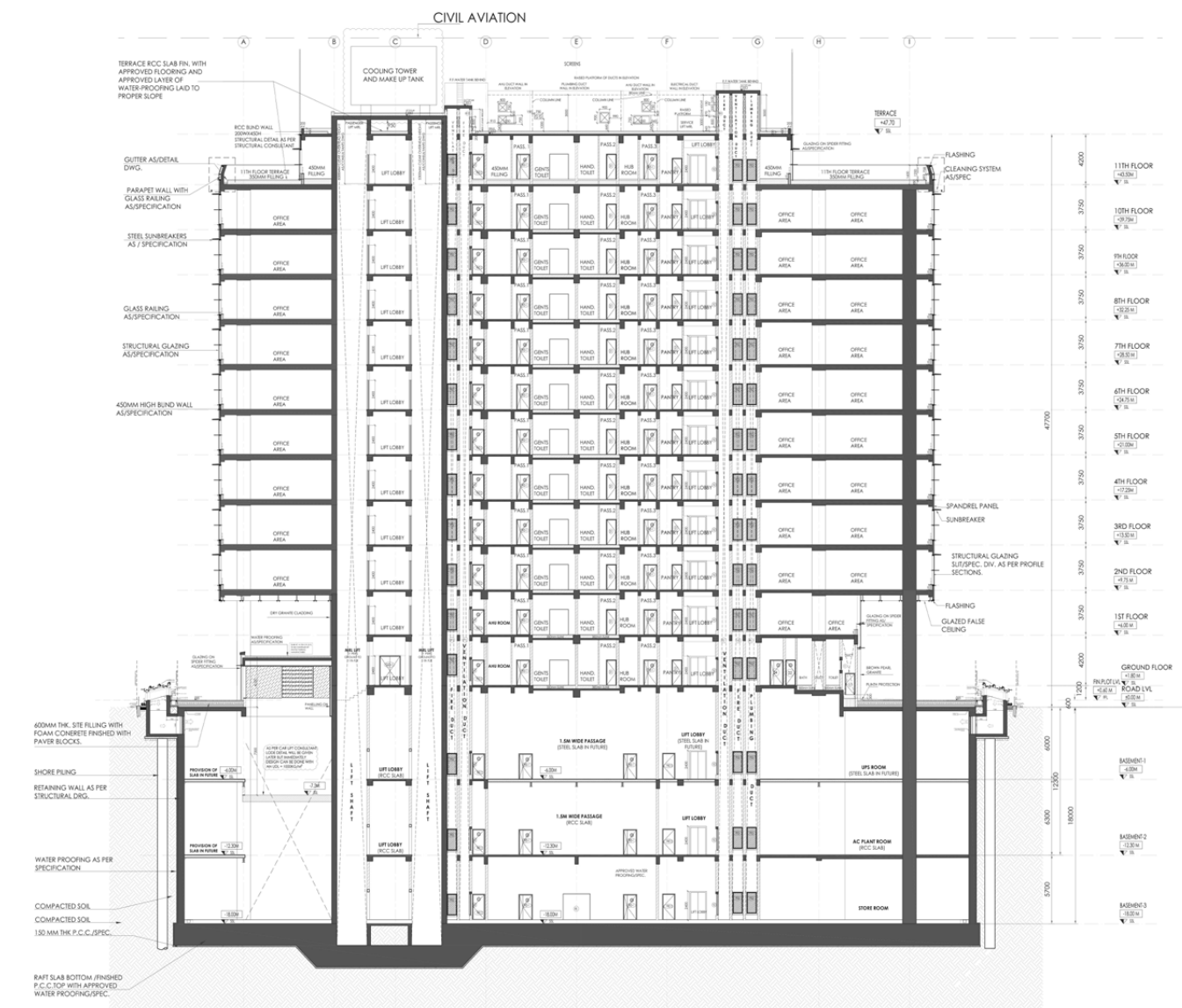
Year : 2021

The building has eleven floors with three basements having automated parking technology. Multiple emergency exit routes, triple walled chests and a continuous thoroughfare running through the breadth of the building were certain unique requirements for this design.

The building has over 45 cabins, 400 workstations and a footfall of over 500 people at any given time of the day.

4. Ground floor plan
5. Section through building

Work under ARK Designs Pvt. Ltd.





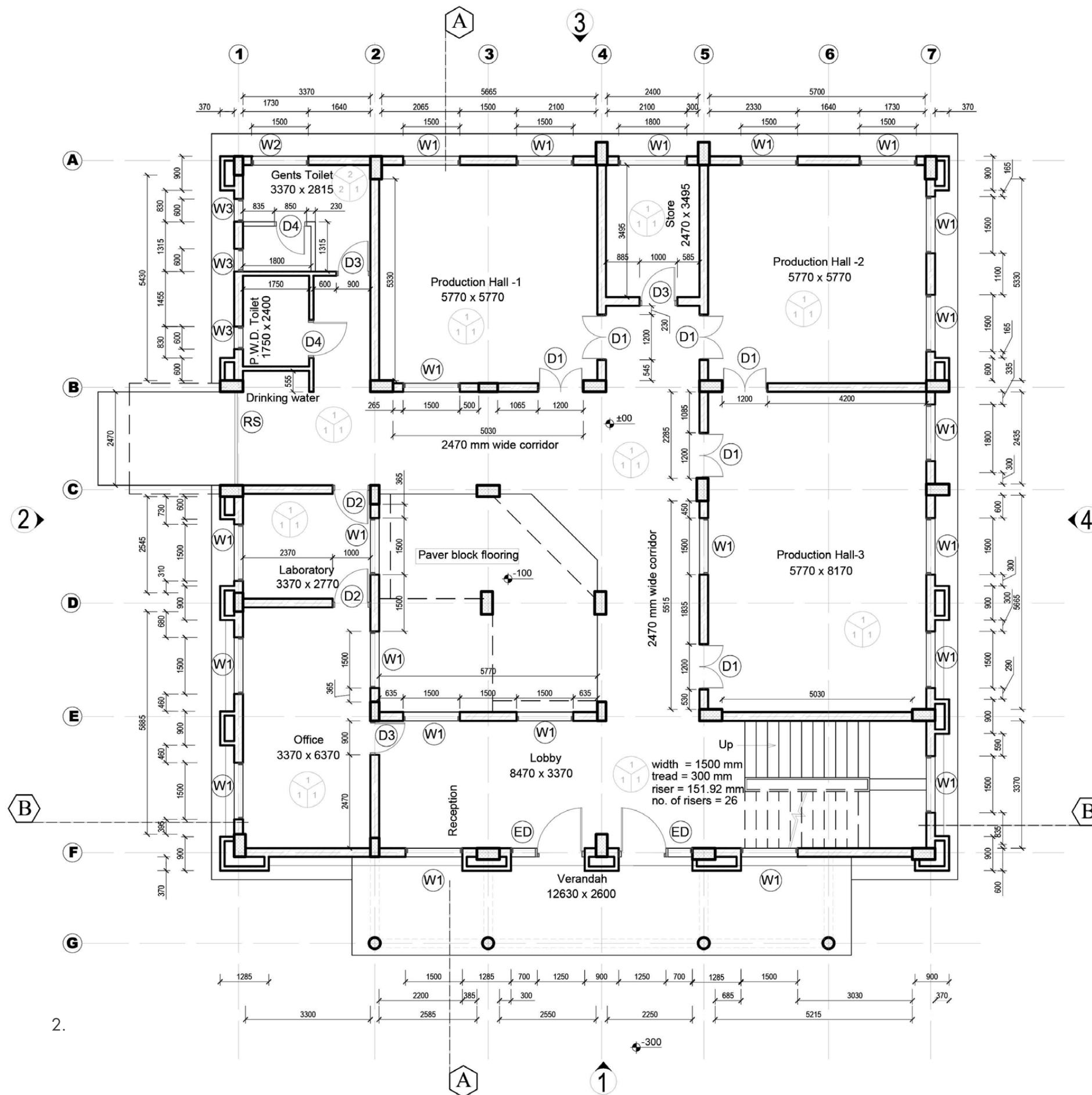
Client Project : Rural Livelihood Centre, Pragatinagar, Himachal
Tourism Department

Year : 2019

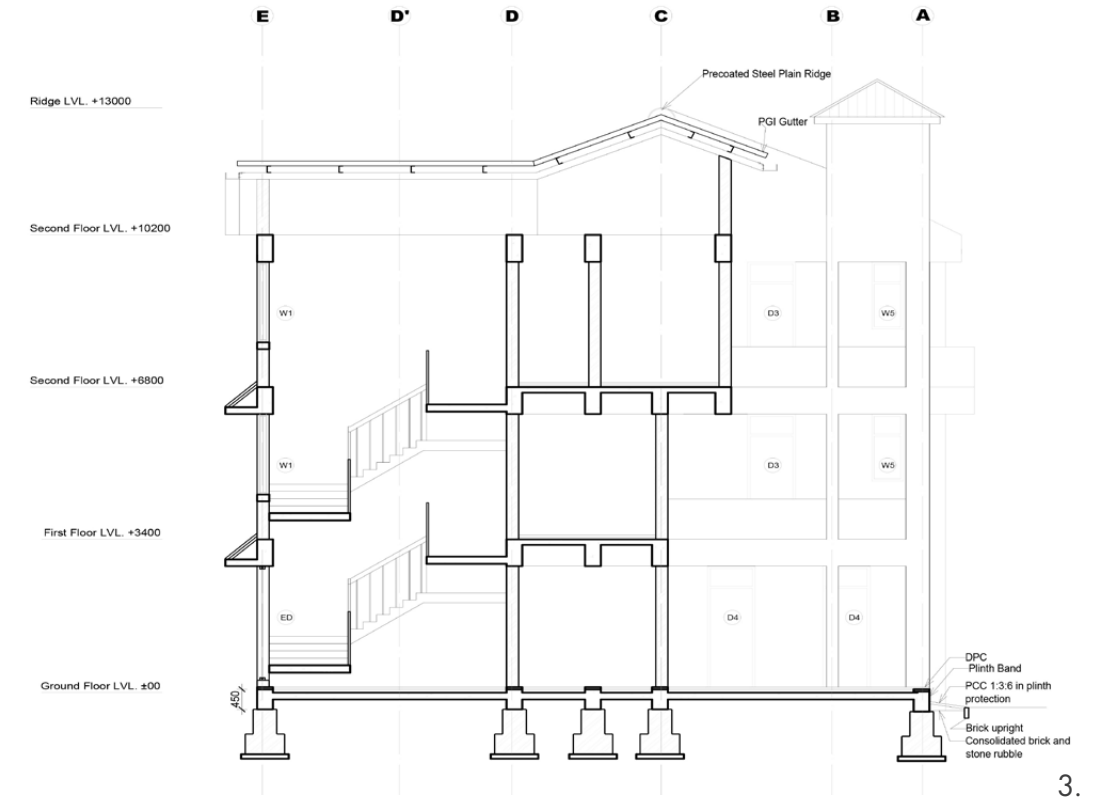
The Rural Livelihood Centre is a Himachal Tourism Department initiative to upskill the people of Himachal Pradesh, India in order to generate revenue in the state. The Rural Livelihood Centre is more than just a physical space; it symbolizes a community united in their pursuit of progress. It serves as a melting pot of ideas, cultures, and aspirations, fostering an environment where innovation flourishes and possibilities abound. With a vision to create lasting socio-economic impact, the Centre acts as a nurturing space for skill development, entrepreneurship, and community engagement.

1. Perspective view of building in context

Work under Hitanshu Jishtu Architects



2.



3.

Client Project : Rural Livelihood Centre,
Pragatinagar, Himachal
Tourism Department

Year : 2019

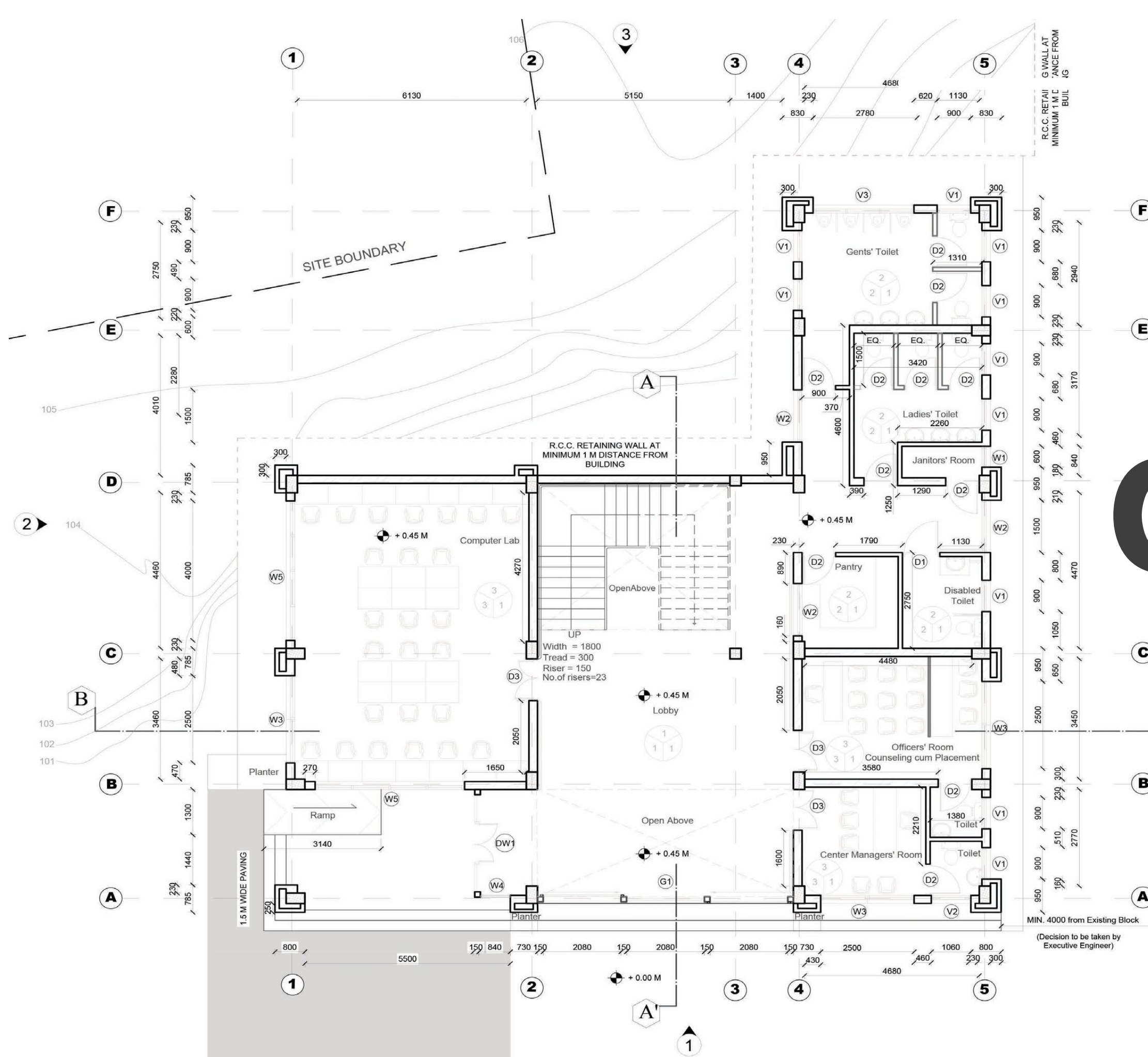
The building stands on the leeward side of the mountain with maximum openings to let in ample sunshine. Exposed brick with paver flooring uses locally available materials while using their natural appearance to set the aesthetics of the building.

Double walled channels house the plumbing across the building.

2. Ground floor plan

3. Section through building

Work under Hitanshu Jishtu Architects



06.

Client Project : City Livelihood Centre,
Nahan, Himachal
Tourism Department

Year : 2018

The centre is a government initiative to revive art and culture in the region. Its main purpose is to encourage the youth to participate in learning and propelling the arts and crafts of the region beyond the state. The structure exudes authenticity with it's exposed material.

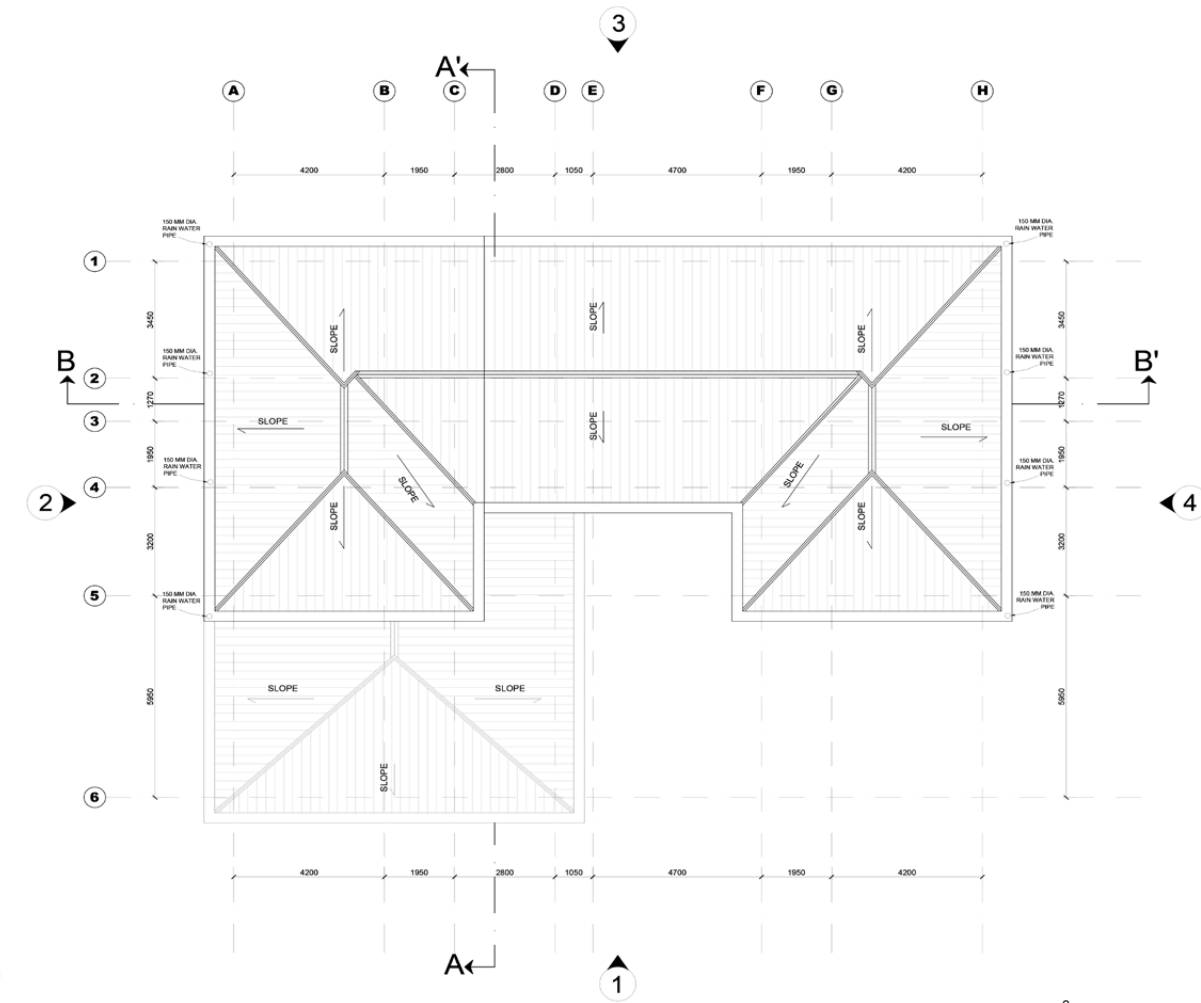
Double walls house the plumbing systems and also act as seperators for flower beds running across the structure.

1. Ground floor plan

Work under Hitanshu Jishtu Architects



--- +14.10 M Ridge Lvl.
 --- +11.50 M Roof Lvl.
 --- +8.10 M Second Floor Lvl.
 --- +3.70 M First Floor Lvl.
 --- +0.30 M Ground Floor Lvl.
 --- +0.00 M Ground Line Lvl.



Client Project : City Livelihood Centre,
Nahan, Himachal
Tourism Department

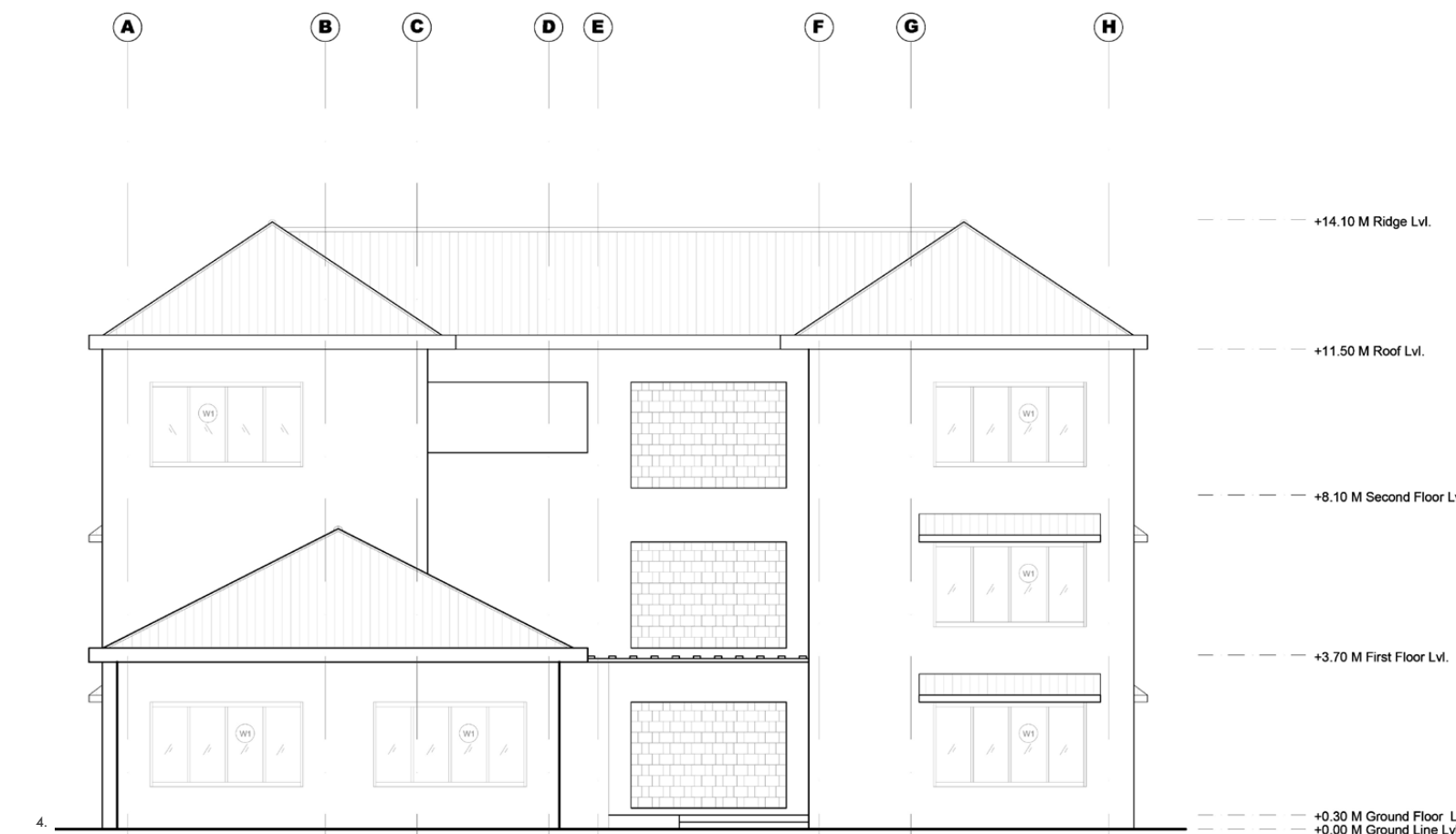
Year : 2018

The building stands on a site with multiple other buildings that overlook the Himachal valleys offering pristine views. The pitched roof responds to the cold climate with frequent snowfall and rain.

Perforated brick panels towards the harsh south light ends help cool the structure in summers and trellises on entries with landscaping elements help camouflage the structure with it's context. The structure is not only a cultural hub but also a huge social interaction catalyst for the people of Nahan.

- 3. Section through building
- 4. Roof plan
- 5. Front elevation of building

Work under Hitanshu Jishtu Architects



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