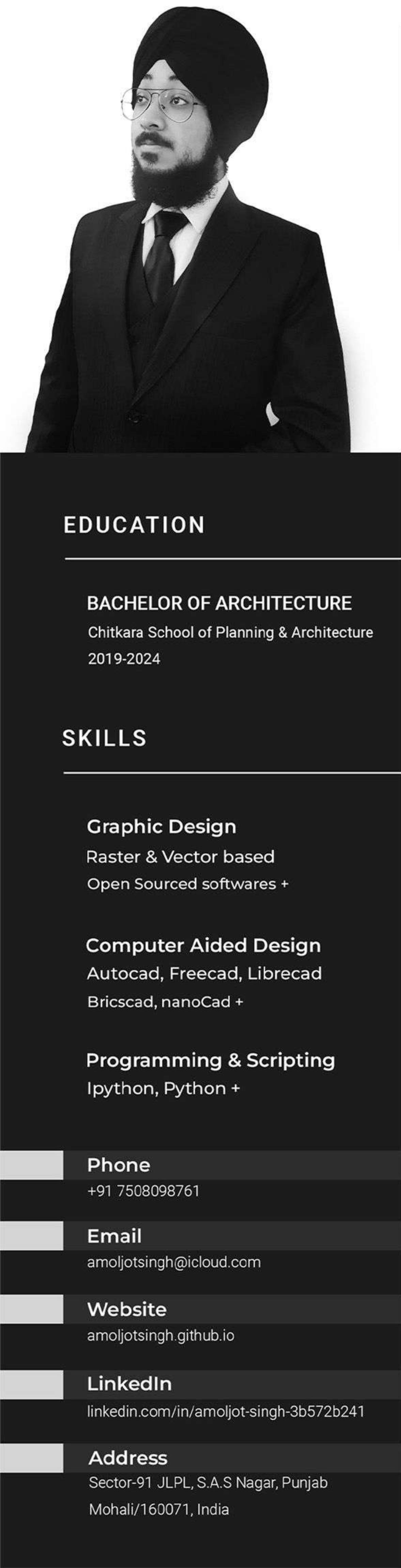




AMOLJOT SINGH
PORTFOLIO



AMOLJOT SINGH

ARCHITECTURE STUDENT 2023

ABOUT ME

Motivated and creative, a Bachelor of Architecture student, adept at designing residential and hospitality projects, having extensive knowledge of architectural softwares, prototyping, and rendering. Decent planning and problem-solving abilities.

ACADEMIC

2017 **10th C.B.S.E**
Gem Public Senior Secondary School (G.P.S.S.S)

2019 **12th C.B.S.E Science**
Government Model Senior School, Sec-37 B Chandigarh (G.M.S.S.S)

2019-2024 **BACHELOR OF ARCHITECTURE**
Chitkara School of Planning & Architecture (C.S.P.A)

SOFTWARES

Autodesk Autocad	Autodesk Revit & Dynamo
Adobe Photoshop	Blender 3D & Geometry Nodes
Lumion Render	Python
Rhino & Grasshopper	Sketchup

INTERACTIVE SESSIONS

 Privileged & thankful

Ar. Balkrishna Doshi, Pritzker laureate, C.E.P.T, Gujarat
Ar. Charanjit Singh Shah, Creative Group, Delhi
Ar. Shiv Datta Sharma, Chandigarh Museum
Ar. Charles Correa Foundation, Panaji, Goa
Ar. Dean D'Cruz, Mozaic, Goa
Field visits at P.W.D, and many more opportunities

CERTIFICATIONS

Structure, Form & Architecture - The Synergy - IIT Roorkee
Strategies for Sustainable Design - IIT Hyderabad
Contemporary Architecture & Design - IIT Roorkee

I consent to having my data processed as per the recruitment procedure for the position to which I am applying.





Under **Graduation**
Portfolio

Contents
2023

Academic

The Rutba Hotel

5 star hotels are properties that offer their guests the highest levels of luxury, personalized services, vast range of amenities, & sophisticated accommodations with highest of expectations for comfort, décor & luxury.

Please note that not all drawings have been included in the portfolio for simplicity, please feel free to contact to access all such drawings

Please note that the drawings provided here are Not To Scale, to access on scale drawings, working drawings, specifications, please feel free to contact



Academic - Ethical Architecture

Chandigarh Market

Neighbourhood market can effectively balance the agglomeration effect & diffusion effect of a large city. It can also effectively alleviate the population pressure & scatter the function of the central district.



Competition

Inspiration Hostel 2021

Try to imagine a space for artistic retreat, where artists and hobbyists can spend some days developing their creativity in any focus area: write a book, carry out a dance workshop, a music program, paint, sculpt or meditate.



Competitions

The Habitat 2.0

When a student migrates to another city or a state for pursuing education, finding a suitable accommodation that lies in proximity to the institute is a primary concern. Making such housing affordable & sustainable is the aim.

01



THE RUTBA HOTEL PALACE

Five Star Hotel (200 Room Capacity)

Five-star hotels are properties that offer their guests the highest levels of luxury through personalized services, a vast range of amenities, and sophisticated accommodations. Though there is no standard rating system for hotels, properties earn 5-star distinction by providing guests experiences that meet or exceed even the highest of expectations for comfort, décor, and luxury. In North America, AAA hotel ratings are from 1 to 5 diamonds.



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OPULENCE

Site Details

Location: 30°04'21.72" N, 76°04'00.03" E
Sector 62, Mohali, Punjab, India
Set Backs: 16 m facing roads, other sides 12 m
Maximum Ground Coverage Allowed: 40%
Maximum F.A.R. Allowed: 2.0

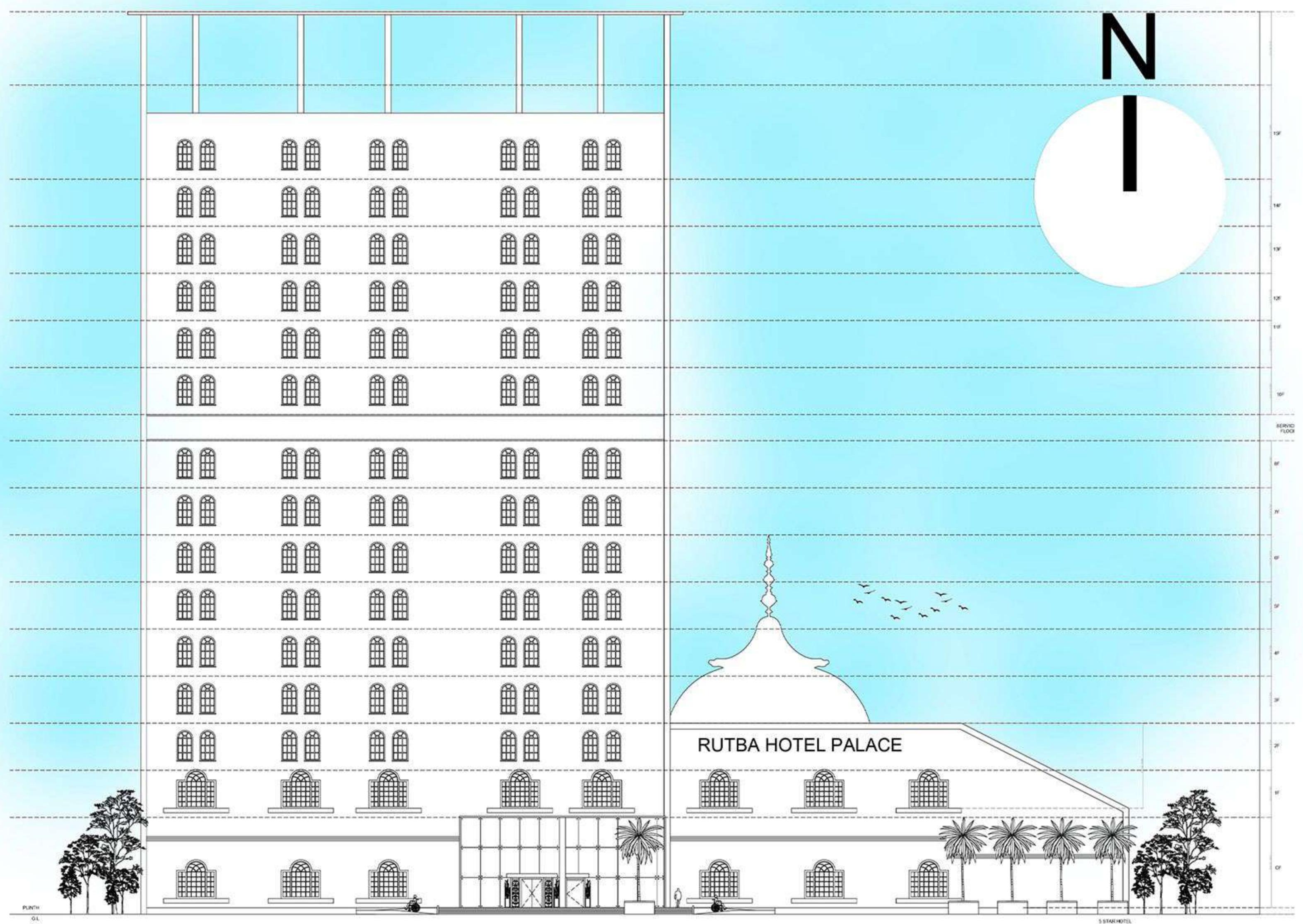
Status:

Proposed

Year: 2022

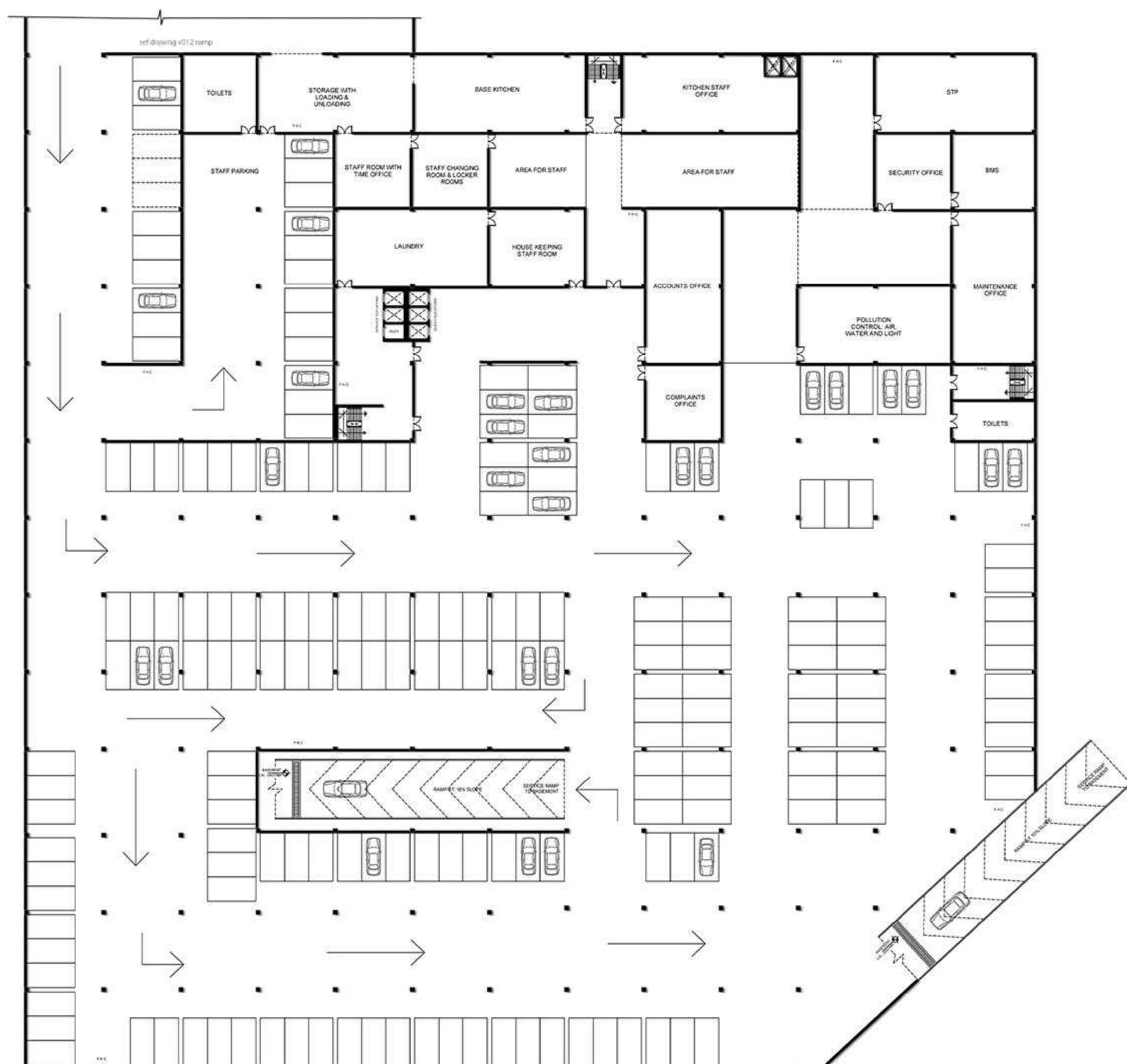
Architecture Style: Indo Mughal

Area: 11.7 Acres (47,380 Sqm)





GENERIC UPPER FLOOR PLAN



BASEMENT PLAN

FOR MORE DRAWINGS & DETAIL DRAWINGS, PLEASE FEEL FREE TO CONTACT: NTS

02



Chandigarh Market

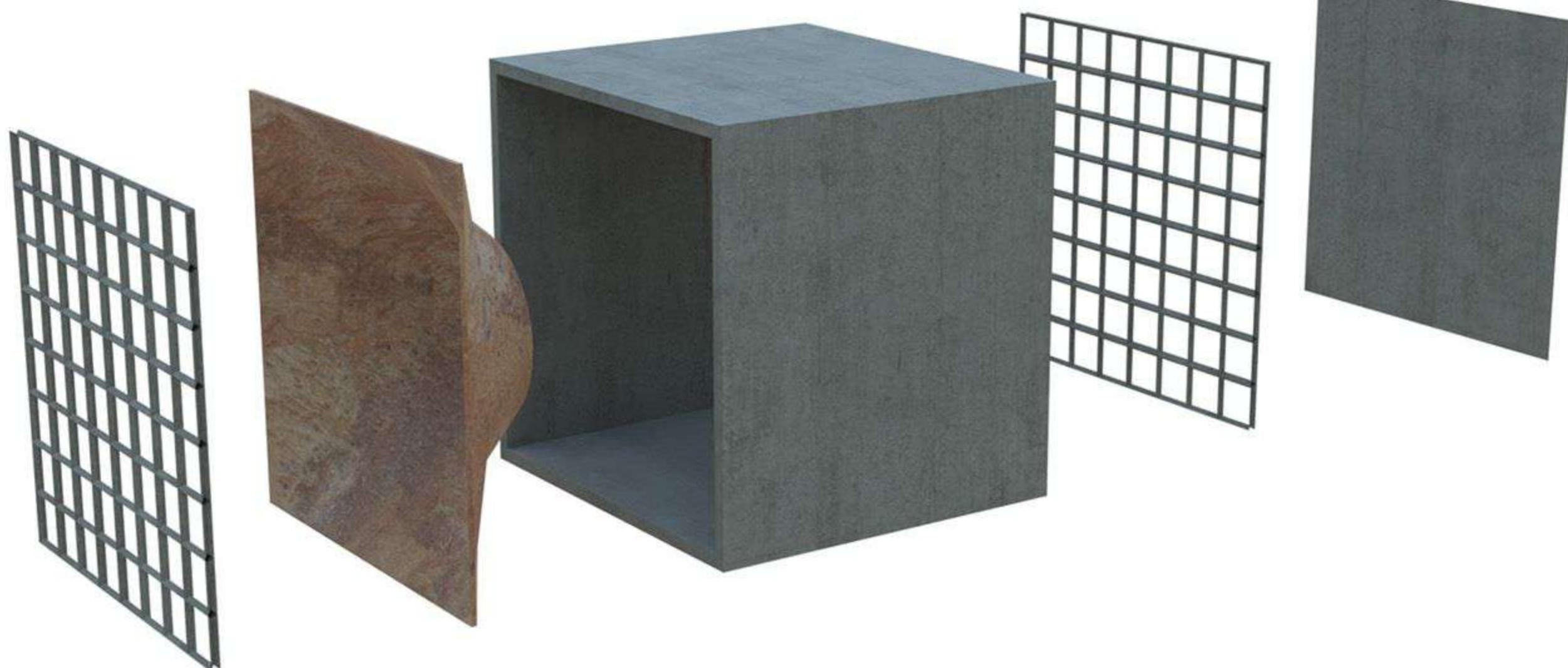
Market is one of the busiest places in a society and is the place from where we get all the commodities and daily requirements. There are various things that constitute a market like hawkers stalls, shopping complexes, shops, etc. Neighbourhood shops are convenient for the public as they are open daily and various products are available at different shops. Many shops are permanent and some are temporary like hawkers and vendors. The advantages of these markets are that they are in the vicinity of our homes and provide a definitive, functional & aesthetical place for vendors.



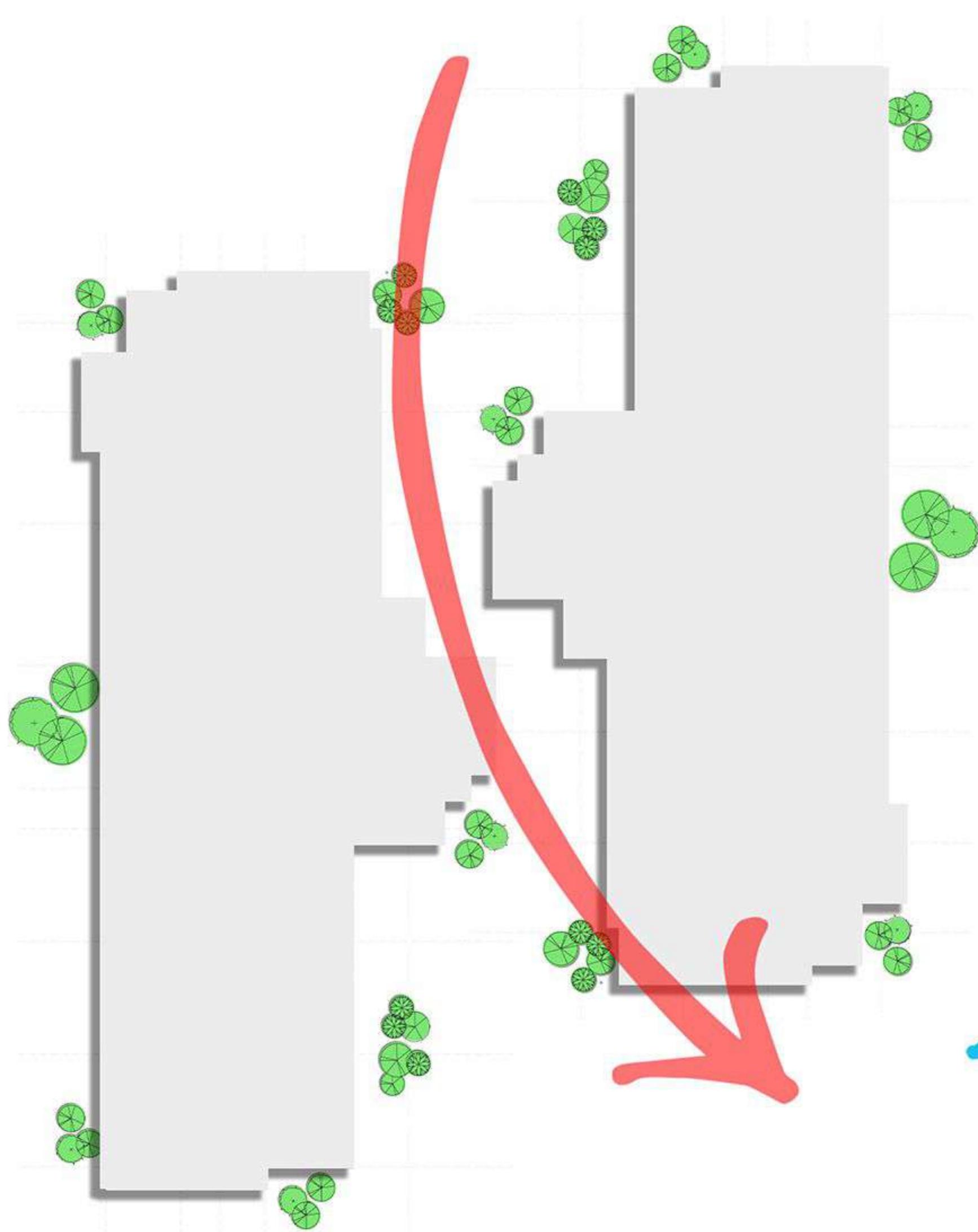
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Architecture for All Share Holders

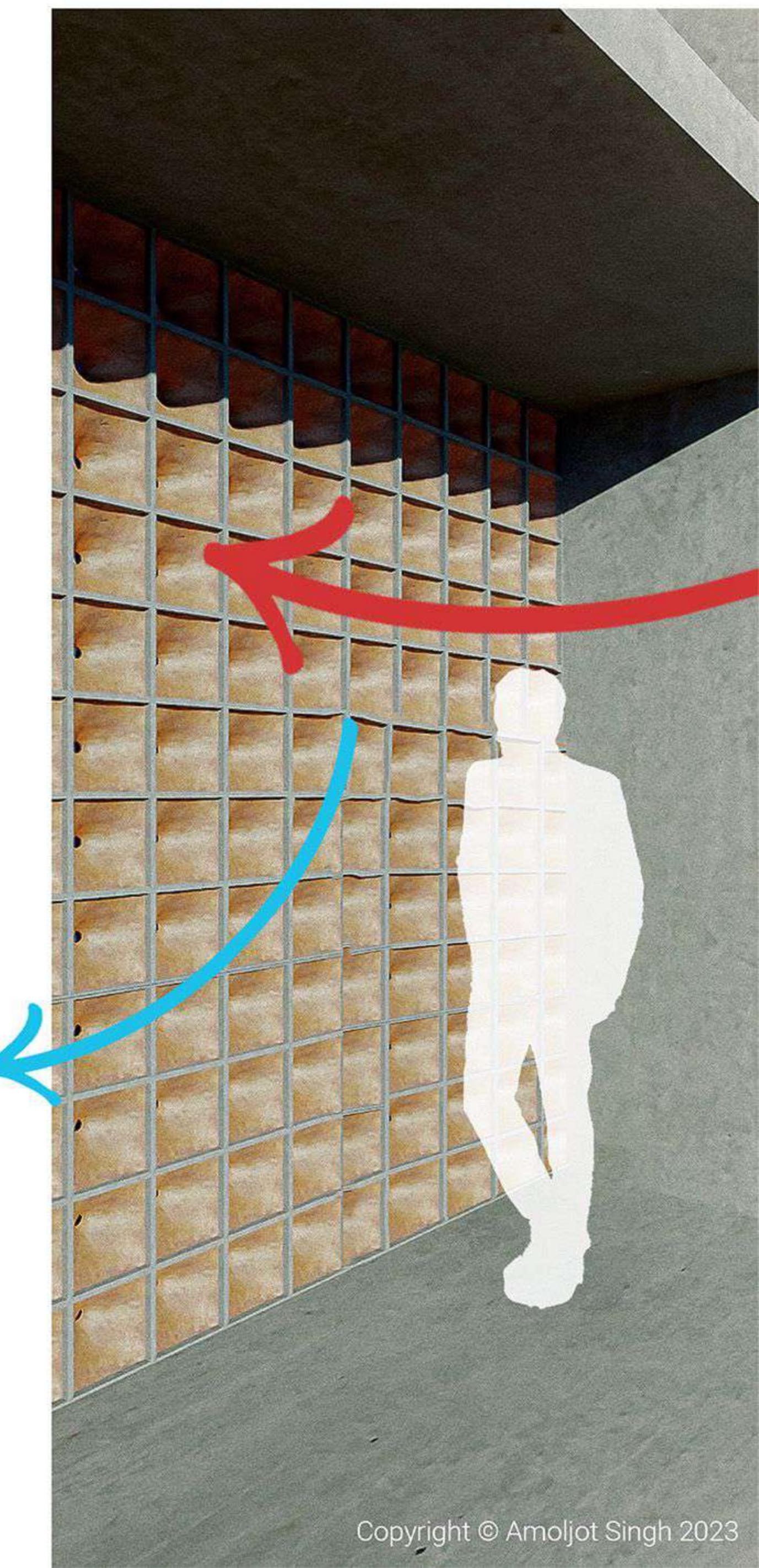
Vendor market is essential to meet the growing need for a formal and organized commercial space of the city. It is the commercial, cultural and often the historical, political, and geographic heart of a sector. The ingredients of the neighbourhood market are a mixture of commercial, social, cultural, financial and administrative facilities. The market serves intense urban uses in terms of economic functions like commerce, retail, finance and business. They all supply different kinds of goods and services with a large range of product types, quality and price.



The Concept I derived was inspired from the Bernoulli's theorem, Bernoulli's principle formulated by D. Bernoulli states that as the speed of a moving fluid increases (liquid or gas), the pressure within the fluid decreases. The concept for these perforated walls in a way resembles filter slabs, using these tiled hollow components stitched together, the clay/hardened mud funnel like structures allow air to pass through a wider area, while re-routing it out through the narrow funnel end, forcing wind to pass through lesser cross-sectional area increases wind speed, makes the wind feel 'cooler'. Resembling implementations can be found dating back to vedic age in India.



Chandigarh experiences North-West to South-East winds during summers, the building blocks have been placed in harmony with the wind direction and to cut off the summer sun, while providing enough winter sun.







03 Inspiration Hostel 2021

The pace of urban life, information overload, visual and noise pollution, invasive advertising and other external factors constantly overstimulate our senses altering and distorting our perception of reality. Nowadays it is difficult to find an evocative space for inspiration, which is not only an aesthetically pleasing site, but also psychologically and emotionally neutral, where it is possible to concentrate, clear the mind, the consciousness and the artistic sensibilities. Therefore, there is a need for spaces that promote concentration, artistic inspiration and meditation.



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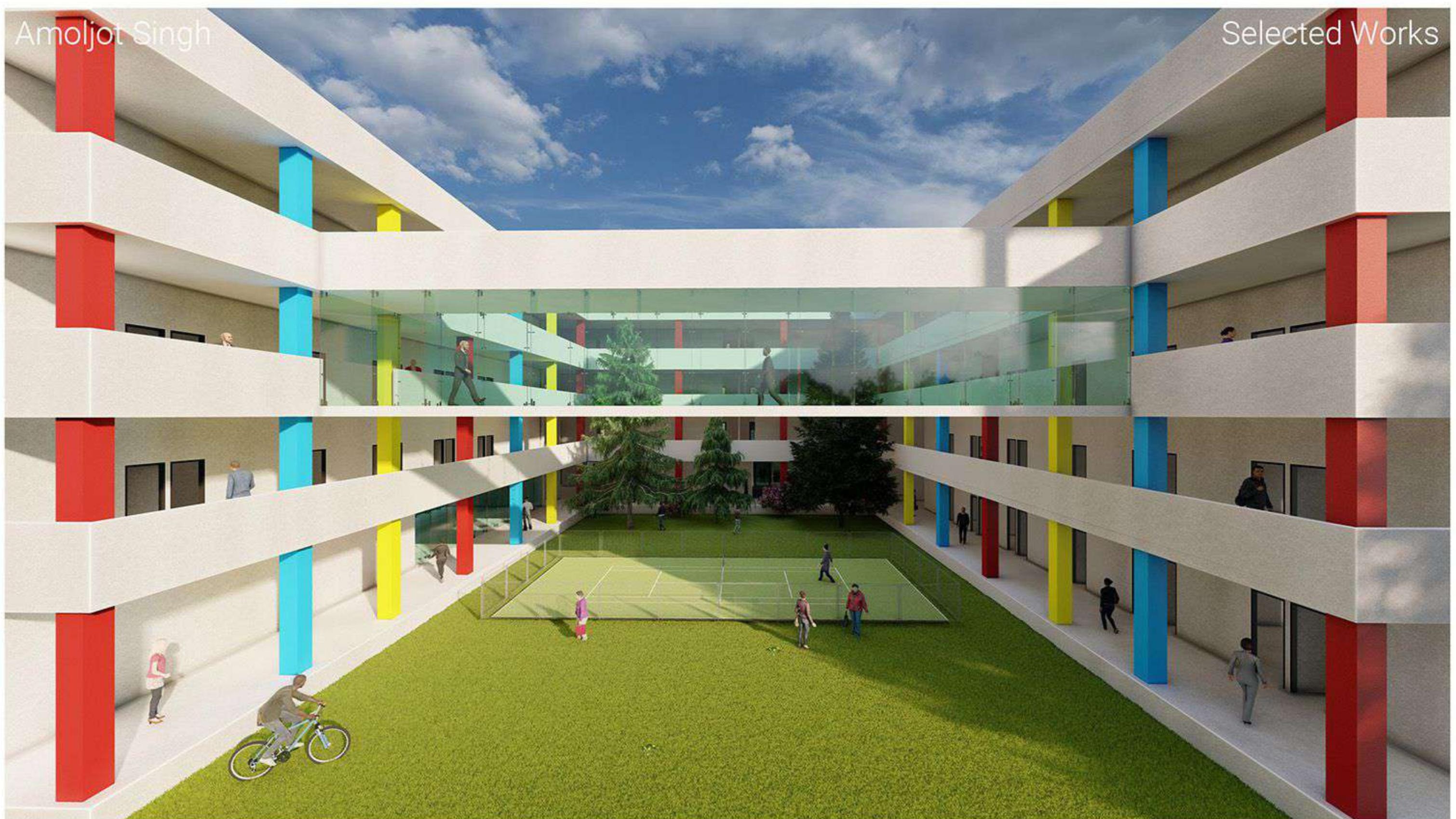
Re-living the Artistic Vision

Artist retreats are breaks from life that allow craftspeople working in different media to experience a calming environment in which to create rewarding work within a community. Artist retreats can help us to not only enhance our artistry but also work on ourselves.

Site has been visualized in Alps, Italy.

Site features a splendid view at the foot of the Alps, the site has been designed for abundant sun.





The primary colored columns help create a visual contrast between the plain white sleek facades. These columns give the building its character, while not over-burdening the visuals, the welcoming colors of the columns counter the cold-whites of the facade, creating a sense of child-like creativity and joy.



The Youth Hostel Porch features a curved inviting Rubble wall, with lush green conifers surrounding the approach. White facades help the building blend in better with the surrounding snowy landscape. The site is covered in snow for about 36 weeks every year, with lush green grass averaging 8 weeks. White color also helps keep the building facade look tender. The building is designed in modernist style.



The Habitat 2.0

When a student migrates to another city or a state for pursuing higher education finding a suitable accommodation that lies a proximity to the institute and offers basic amenities is a primary concern. On campus housing have a limited capacity & hence students prefer a "Paying Guest" accommodations where in a lot of comprosie is to be done in terms of living conditions. The project intends to solve such problems & provided an affordale sustainable alternative
The project was completed in collaboration with my friends &colleagues, Arsh Bhatnagar & Atul Mehta



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Site Location: Noida, Uttar Pradesh

Site Area: 14,688 sq. m

Ground Coverage allowed: 30% of the total site area

On campus housing have a limited capacity & hence students prefer a PG i.e "Paying Guest" accommodations where in a lot of compromisie is to be done in terms of living conditions. The project aims at solving these problems & providing an affordable, comfortable space for students.

