

A&B



INTERIORS

Barcelos, Studio Osmosis

ARCHITECTURE

'Office in a Shed', MuseLAB

The St. John's National Academy of Health Sciences
auditorium, Vishwanath Associates





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ACADEMIA

14. Devising solutions for COVID-19 pandemic

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INTERIORS

24. Barcelos: The Namesake

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ARCHITECTURE

32. Carving an office in a shed

MuseLAB's 'Office in a Shed' is a retrofitted office into a factory shed in Taloja that navigates peculiar challenges of unavailability of a plot to devising an aesthetic that adheres to a warehouse that is fabricated in steel sections with a corrugated sheet skin.

40. Creating a contemporary cultural identity

The St. John's National Academy of Health Sciences auditorium in Bengaluru is a 2-decade old auditorium that underwent transformation by Vishwanath Associates to bring a new lease of life into the ageing structure.

Cover: ©MuseLAB

CenturyPly Announces Application of Virokill Technology in its Manufacturing Process Killing 99.99% Virus, with the Launch of New TVC

A one-of-its-kind initiative in wood panel industry



Video Link: <https://youtu.be/gFWNGNAxvR0>

Century Plyboards (India) Ltd., India's one of the largest manufacturer of plywood and decorative, had been relentlessly working throughout the lockdown period and has come out as a pioneering solution in the wood panel industry. The brand has announced the use of nano technology in manufacturing of its plywood and laminate products. The highly activated and energized Nanoparticles physically rupture and kill viruses coming in contact with it. This has been tested and certified under Antiviral Efficacy Test as per ISO 21702:2019 international standard, by Biotech Testing Services (BTS) Mumbai. The certification declares an efficiency of 99.99% in killing viruses. The nanoparticles are effective throughout the lifetime of furniture as those are embedded in the polymer matrix system. Currently CenturyPly is using Virokill technology in manufacturing of Architect ply, Architect plus, Club prime/710 plus, Bond 710/

Pro710, WIN MR, IS:710 Marine for plywood range, Club Prime, Bond 710, Win MR for Block boards, Century Laminates (1 mm), Natural Veneer (Natzura woods) and entire teak range.

Commenting on the launch, Mr Keshav Bhajanka, Executive Director, CenturyPly said, "Since February, during the onset of Covid pandemic in our country, we have been trying to provide a solution to our consumers to make them feel safe at their own homes. I am glad that our technology has been certified to offer to our customers, laminates and ply that kills 99.99% virus it comes in contact with. The addition of technology adds another feather to the already existing expertise of CenturyPly as a provider of innovative solutions in home decorative space. ■

For more details visit www.centuryply.com/virokillbycentury.

Taiwan companies showcase Green Building innovation



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Taiwan is a global powerhouse in the green building technology segment. Starting October 2020, 15 Taiwanese companies have showcased their innovative products at the Indian Green Building Congress (IGBC) exposition.

This is part of an initiative led by the Bureau of Foreign Trade of the Government of Taiwan and actively driven by the thinktank, Commerce Development Research Institute (CDRI) under the Wow! Taiwan project.

The innovative products are in the areas of (i) Air purification & circulation (ii) Water purification and pumping (iii) Lighting systems and (iv) Energy saving materials and solutions.

The products and solutions not only help customers save time, money and effort, but also contribute to improve the environment and quality of life on the planet.

The domestic air purifier by Chailease

Resources intends to clean the indoor air and improve air quality in offices and residential areas. This SGS Certified purifier enables PM2.5 and formaldehyde removal rate up to more than 99.9%. It has a washable strainer means no need for consumables, and it has an auto-modifying feature that adjusts the cleaning efficiency according to the air quality.

A customizable air purification solution introduced by Lelantus combines effectively with HVAC systems in business and educational spaces to effectively remove common indoor pollutants and makes spaces microbe-free. This solution employs the British Darwin ifD air purification technology of air purification using a strong electric field with dielectric materials as carriers. The dielectric material forms a honeycomb hollow microchannel, which exerts a huge attraction on the charged suspended particles moving in the air, and at the same time can collect



bacteria and microorganisms attached to the suspended particles and kill them in a strong electric field. No consumables and low resistance in addition to PM2.5 and antibacterial function, can be repeatedly cleaned and maintained, and can be linked with air conditioning.

The globe-leading high volume low speed (HVLS) fan introduced by AMATech Corp helps activate and accelerate air convection to improve humid and sultry environment in large public areas such as railway and metro stations, and also factories and warehouses. Its features includes a PMSM rare-earth strong magnetic synchronous motor and invention patented magnet holder that guarantees permanent life, and achieves energy saving and carbon reduction. This is the only waterproof design in the world that can adapt to various environments. It has a lightweight integrated design of aluminum

alloy and a patented one-piece embedded chassis design.

HiVawt Technology Corp has featured its innovative wind turbine solution for residential application. This product is the only certified vertical axis small wind turbine in the world and solves the usual issues related to wind turbines including poor performance and low wind self-start. This can be effectively combined with other renewable sources of electricity such as solar residential application, public projects and even remote areas. ■



For more information, visit www.wowtaiwan.org or click on <https://bit.ly/3hMDFlp>

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Space-Optimizing Solutions By Häfele



Whether it's a sprawling apartment or a plush studio flat, space utilization within homes always persists to be a challenge. And now that work-from-home occupying at least one-fourth of our home life, achieving multi-fold benefits from an existing space has become the need of the hour. This is why transformable furniture is fast becoming the de facto interior scheme for residential and commercial spaces. They can serve a variety of purposes or simply move out of the way when not in use resulting in fluid living and working. With furniture like these, the appearance and vibe of a room can change

almost immediately.

Keeping to its promise of adding "More Life per Square Meter" to homes and interior spaces, Häfele brings to you an assortment of transformable furniture fittings under its new range that virtually multiply the space available.

Space Square as we call it, is a futuristic range that includes state-of-the-art bed fittings, kitchen countertop fittings and table fittings. These fittings integrate effortlessly within your interiors and astutely utilize the space available. Experience the sophisticated blend





of elegant aesthetics and optimum space utilisation with Häfele's Space Square Range of Transformable Furniture Fittings:

1. **ORBITING BEDS:** Get more space with one unit that orbits to reveal a bed and a wall unit.
2. **REVOLVING TV UNITS:** Alternate between watching TV or admiring your precious décor
3. **HIDE-AWAY BEDS:** Create more floor space for some creative activities during

the day with your bed hidden away

4. **COUNTER EXTENSIONS:** Add more surface to your countertops with smart extensions in any desired direction

Optimizing the space inside the kitchen creates new design possibilities, introduces balance and ensures efficient ergonomics. Häfele introduces its new 'out-of-the-box' Extended Countertop that provides additional surface space to your existing countertop. ■

Choose the right wall paint for your family's wellness

By Mahesh Anand, President – Nippon Paint (India) Private Limited (Decorative Division)

In the past few weeks, we have been reading and hearing a lot about the sudden rise in the number of Covid-19 cases everywhere. While this has led to a widespread concern for everyone's safety, it forces us to consider the safety aspect of the most vulnerable demography – children (toddlers and unborn). It is imperative for parents to adopt all key safety measures to ensure the health and well-being of their children and all family members at home. A key safety aspect of a safe home is to have safe interior walls. To cater to this often overlooked aspect, Nippon Paint has curated the Health and Wellness range of wall paints. The range consists of Nippon Paint KIDZ, Nippon Paint Odourless Aircare, Nippon Paint Satin Glo+ and Nippon Paint Satin Glo Prime. These paints can contribute to the safety and well-being of the entire family but it will be extra beneficial in safeguarding children and pregnant women against bacteria, harmful chemicals and impure air.

Using healthy wall paints at home is not the first thing that comes to mind when we talk about wellness measures for the family but countless researches have shown the harmful effects of properties like formaldehyde, VOC (volatile organic compounds) and lead, which can be present in ordinary paint. Nippon Paint Health and Wellness products have numerous properties which are backed by Advanced Japanese technology, making it the perfect choice for your family's wellness needs.

While Nippon Paint KIDZ Paint champions indoor safety and wellness for children with its anti-bacterial silver-ion technology, the Nippon Paint Odourless Aircare is inbuilt with active carbon technology converting harmful formaldehyde into clean fresh air. Nippon



Paint Satin Glo+ and Nippon Paint Satin Glo Prime are other advanced interior wall emulsion specially formulated with excellent wash-ability and stain resistance to keep the walls not just beautiful, but also safe to touch. All these paint variants contain anti-bacterial technology, which renders the walls safe for human touch, especially children who tend to touch/scribble on the walls. These paints with their ultra-low VOC, additionally do not contain lead or mercury, making them the perfect choice for eco-sensitive buildings.

Nippon Paint is honoured to receive the distinguished 7th IGBC Green Champion Award under the category of 'Organisation encouraging IGBC Accredited Professional (AP)'. Sustainability has always been in our DNA and we have seamlessly adopted green practices in our operations. And, as the next step forward we have now nominated 30 of our officials to be trained to be qualified as IGBC accredited Green Professionals. ■

*For more information,
Tel: 044-4298 2222 & 044-4298 9595
visit - <https://nipponpaint.co.in/>*

Plüsch New Kitchen Surfaces by Poggenpohl



With over 120 years of glorious history, Poggenpohl is the oldest and best-known kitchen brand in the world, which is constantly transforming the most important part of the home. On occasion of Küchenmeile 2020, Poggenpohl has launched new sophisticated kitchen surfaces and materials, that are brought to India by Plüsch, pioneers in bringing the finest German luxury brands to the country.

As a trailblazer in innovations and unique perfection, Poggenpohl has constantly developed and designed premium and luxury kitchens that are forward-looking. On the occasion of Küchenmeile 2020, Poggenpohl introduces new surfaces and materials developed to suit the current social requirements of cocooning and authenticity.

These surfaces inspire cosiness, well-being and relaxation in the company of family and friends at home.

On display here is Poggenpohl's iconic +VENOVO, a multiple-award winning kitchen, in midnight blue metallic with an elegant matt finish. This intensive, but warm colour shade enables self-reflection, calm and visually encourages to slow down.

+Venovo is a free-standing kitchen design in line with current trends such as urbanity and mobility. It organises all functions with elegance and sophistication into one unit — from the worktop and the oven, to the fridge and the sink. It is available in standard colours, and is available with innumerable options, including wood, and several finishes.

For more information, visit - www.pluschliving.com

Varmora Granito to invest around Rs. 300 crore in two state-of-the-art plants; To generate 1,200 employment

Virtual stone laying ceremony of the new high-tech plants was conducted at the hands of Hon'ble Chief Minister of Gujarat - Shri Vijaybhai Rupani



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Varmora Granito Pvt Ltd - one of the India's leading tile and bathware brand is setting up two state-of-the-art high-tech plants at Morbi in Gujarat. Company is planning to invest around Rs. 300 crore in 35,000 sq meters per day facility for large format GVT tiles. Company expects the plants to be fully commercial operations by April 2021 and will generate 1,200 direct & indirect employment opportunities. Celebrating 25 years of innovation, design and technology, company has set a target of Rs. 1,600 crore revenue in the next 2-3 years.

Virtual stone laying ceremony of the new plants was conducted at the hands of Hon'ble Chief Minister of Gujarat, Shri Vijaybhai Rupani on October 27 in Gandhinagar, Gujarat. Additional Chief Secretary - Industries

and Mines (Gujarat), MK Das, IAS was also present during the ceremony.

Speaking on this occasion, Mr. Bhavesh Varmora, Chairman, Varmora Group said, "Trusted for reliability, innovation, quality consciousness, design and technology Varmora has created a strong brand identity for itself which is well recognised globally. The company looks to strengthen its identity as the leader in the Indian ceramic industry by consistently introducing innovative and value-added products in the market to keep pace with its valued customers. ■

*For further information please contact:
Mr. Vivek Singh, Varmora Granito Pvt Ltd Ltd.
pr@varmora.com*

Emerging Leader in Piping Systems



Miki Kedem, CEO, Huliote India

1. How has been the Journey of Huliote Pipes been in the Indian market?

Huliote India launched six years ago with a factory in

Vadodara, Gujarat, to manufacture world-class pipes. We were fortunate to have an overwhelming response from reputed Developers, Architects, MEP consultants who understand new age technology, high-quality products that resonate with their Brand. Since we are India's only Certified Green Pipe, we have a USP in the market, helping reduce carbon footprint.

Today we have a massive distributor network across over 20 states in India; we have launched retail stores in major cities and a strong sales team that understands every customer's needs.

2. A New Brand Campaign has been launched this Dussehra. Can you elaborate on this?

Yes, we signed Adline Castilino, Miss Diva Universe 2020, representing India at the Miss Universe Pageant in 2021. The new campaign will have a distinct Brand Identity and Brand Recall. We have started a Digital Campaign, which has brought us new clients and better Brand Engagement. We are now the No. 1 Brand on Instagram in the Piping industry.

Huliote Group has rebranded its Brand Identity, and we are happy to get positive feedback and good leads.

3. What are the New Product offerings for the Real Estate Sector?

RED FIRE System : We have launched India's 1st Fire Fighting Pipe in PP - R technology.

There is a huge market for this product, and it is being manufactured in Huliote - Portugal. We see new demand for this product. We have launched a new range of fittings, some of which none of our competitors have at this point.

KLIMAPRESS SYSTEMS : We have launched Monolayer and Multilayer composite pipe PE-RT -EVOH/ PE-RT(II)/AL/PE-RT(II)- "KLIMAPRESS SYSTEM"-In PPSU and CW617 Brass fittings. The size available is from 16 mm to 110 mm.

PP-R HOT AND COLD WATER SYSTEM : We have launched Helisystem/Romafaser/Romafaser-CT AntiUV. The sizes available 20mm to 400 mm in diameter and Joining technique Socket welding - "Traditional" Butt welding and Electro welding.

4. How has the response been for your products in India?

I feel happy when I hear Huliote name taken by Builders, Architects, and MEP consultants when they plan their new projects. We are one of the brands they consider when they launch quality residential and commercial projects not only in Tier 1 but also Tier 2 markets. Our products have a 10-year Guarantee, 100 years' lifespan, UV protection, Lightweight, easy to fit, and cost-effective. Word of mouth publicity by Happy customers has been very beneficial to our growth.

5. How has the Year 2020 been for Huliote?

Frankly, we got time to sit back and plan our new product launches better, we shifted to a larger factory, we had time to plan our new Brand campaign, and I see a Bright Future ahead. We have worked out our detailed planning for 2021 for a big bang in the market - Increase of distribution/Visibility of the Brand in the market/Plumber & Dealer staff training program / Technical up-gradation of our sales team. ■

Devising solutions for COVID-19 pandemic

The National Design Competition 2020, organized in association with Indian Institute of Architects, floated a design competition for students of architecture to design innovative isolation cells in Quarantine Facilities to help subdue the effects of the COVID-19 outbreak on existing infrastructure.

Text: Aashita Amin

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The competition brief

National Design competition 2020, was organized by Kaarwan in association with Indian Institute of Architects. Lack of infrastructure was one of the key factors responsible for the rapid spread of COVID-19. The pandemic also illustrated the need for quick yet temporary solutions where the infected patients could be transported to and from, isolated and treated without cross-contamination. Accounting for their mental health as also imperative since solitary confinement can adversely impact those who are already ailing. The challenge was to design innovative isolation cells in Quarantine Facilities to help subdue the effects of the outbreak on existing infrastructure. Students were asked to show how their design could help the displaced and detained population in the future.

The competition aimed at providing implementable solutions that can be adapted as an emergency shelter in the future. Hence, Kaarwan partnered with leading education institutes like School of Planning and Architecture Delhi, Faculty of Architecture and Planning, AKTU Lucknow, Dr Bhanuben Nanavati College of Architecture, Pune, School of Planning and Architecture Bhopal and Lovely Professional University, Punjab.

The competition received proposals from India and abroad. The competition aimed at not only starting a conversation on the architecture reality of the 'new normal' but also to ascertain that students were armed with the knowledge to design post-pandemic. Kaarwan partnered with leading architectural colleges across India, to deliver lectures on different aspects of Quarantine Facility Designing. (The lectures can be viewed on their

social media channels - @kaarwan.india)
Participants considered many factors while imagining their proposals like future reuse, upcycling construction waste, new materials and building techniques, using shells of outdated transportation, making it low-cost and impact of the location on the project.

Jury

- Divya Kush, President of IIA
- Mala Mohan (Retd ADG, Ministry of Defence)
- Dr Mahua Mukherjee, Head of Centre of Excellence in Disaster Mitigation and Management
- Ashutosh Jha, Founder of Kaarwan.

WINNER: Rishab Denis Rodrick, Khush Anand Gupta and Shrey Gupta - Sushant School of Architecture, Gurugram.

FIRST RUNNER-UP: Ayush Singh, Archit Seth, Ojasvi Khandelwal and Shubham Dudhoria - School of Planning and Architecture, Delhi

SECOND RUNNER-UP (shared): Surabhi Mishra, Kamran Ahmad, Aparna Gupta and Lakshita Singh - Faculty of Architecture and Planning, Dr Abdul Kalam Technical University (FOAP, AKTU)

SECOND RUNNER-UP (shared): Aditi Bajpai and Dwij Hirpara, Centre of Environment Planning and Technology, Ahmedabad (CEPT)

The COVID-19 pandemic impacts the present and uncertain future. The solution must be applicable to both scenarios. The 'Pichku' Quarantine Facility is a prefabricated modular proposal that aims at rapid and dynamic deployment. 'Pichku' suggests the compactness of units which expand into efficient spaces. Contamination via ventilation is dealt through antechambers, safe zones, creation of pressure zones for air circulation and filtered discharge. Sanitation waste is discharged to a septic tank to prevent contamination. Units are provided with a visual connection to the lush green exterior. Materiality makes the structure resilient. Combined with a modular interior, it becomes a typology for low-income habitation.

The way ahead

Kaarwan is now getting in touch with local and government authorities to help them implement these solutions and make the architecture fraternity's contribution in the fight against COVID-19.

This competition was not only an attempt to educate young architects about the changing parameters of Architecture but also to inculcate a sense of ownership and belief that they can make a change by playing their small part. In the words of Dr Vikram Sarabhai, "We do not have the fantasy of competing with the economically advanced nations but we are convinced that if we are to play a meaningful role nationally, and in the community of nations, we must be second to none."

PICHKU QUARANTINE FACILITY

LOCATION: RAMLILA MAIDAN, NEW DELHI

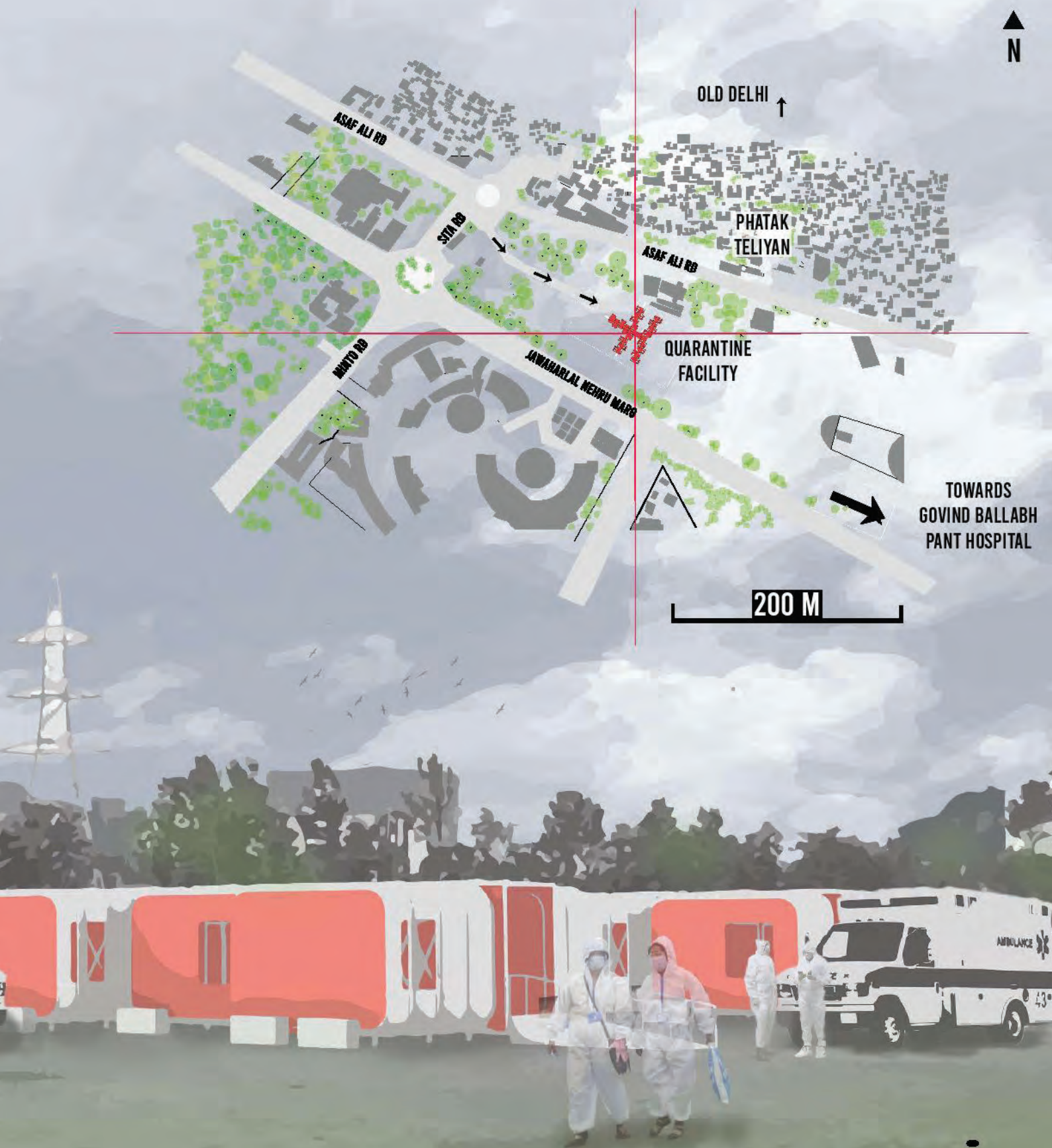
A VAST FLAT FIELD LOCATED IN CLOSE PROXIMITY TO DENSELY POPULATED NEIGHBORHOODS AND OLD DELHI

OPPORTUNITY: ACCESSIBLE TO A GREAT NUMBER OF PEOPLE, CLOSE PROXIMITY TO LARGE HOSPITALS FOR RAPID TRANSPORTATION AND INTENSIVE CARE/TREATMENT

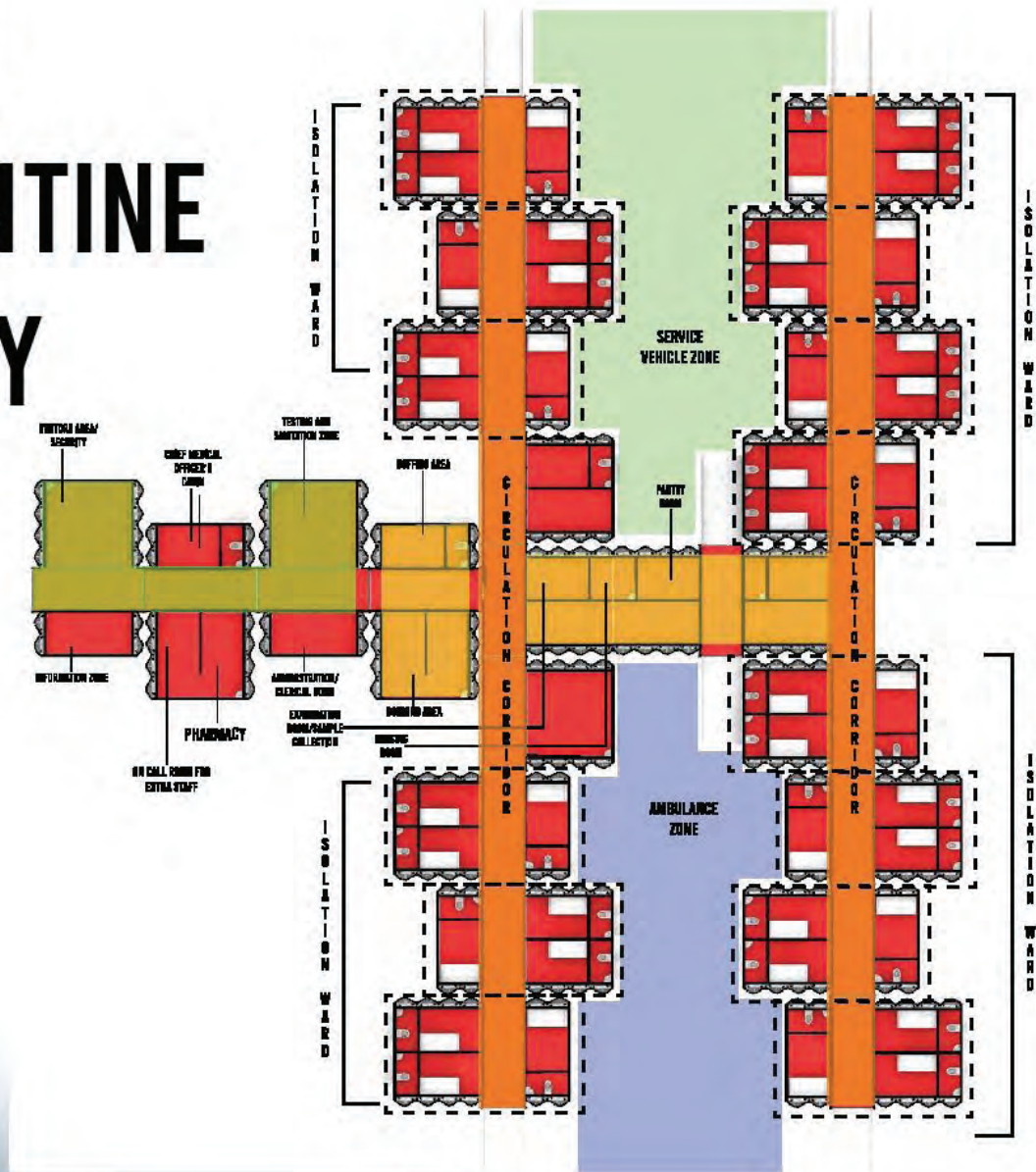
POSSIBILITY TO ADAPT TO SUDDEN INFLUX OF SUSPECTED PATIENTS BY EXTENSION OF FACILITY

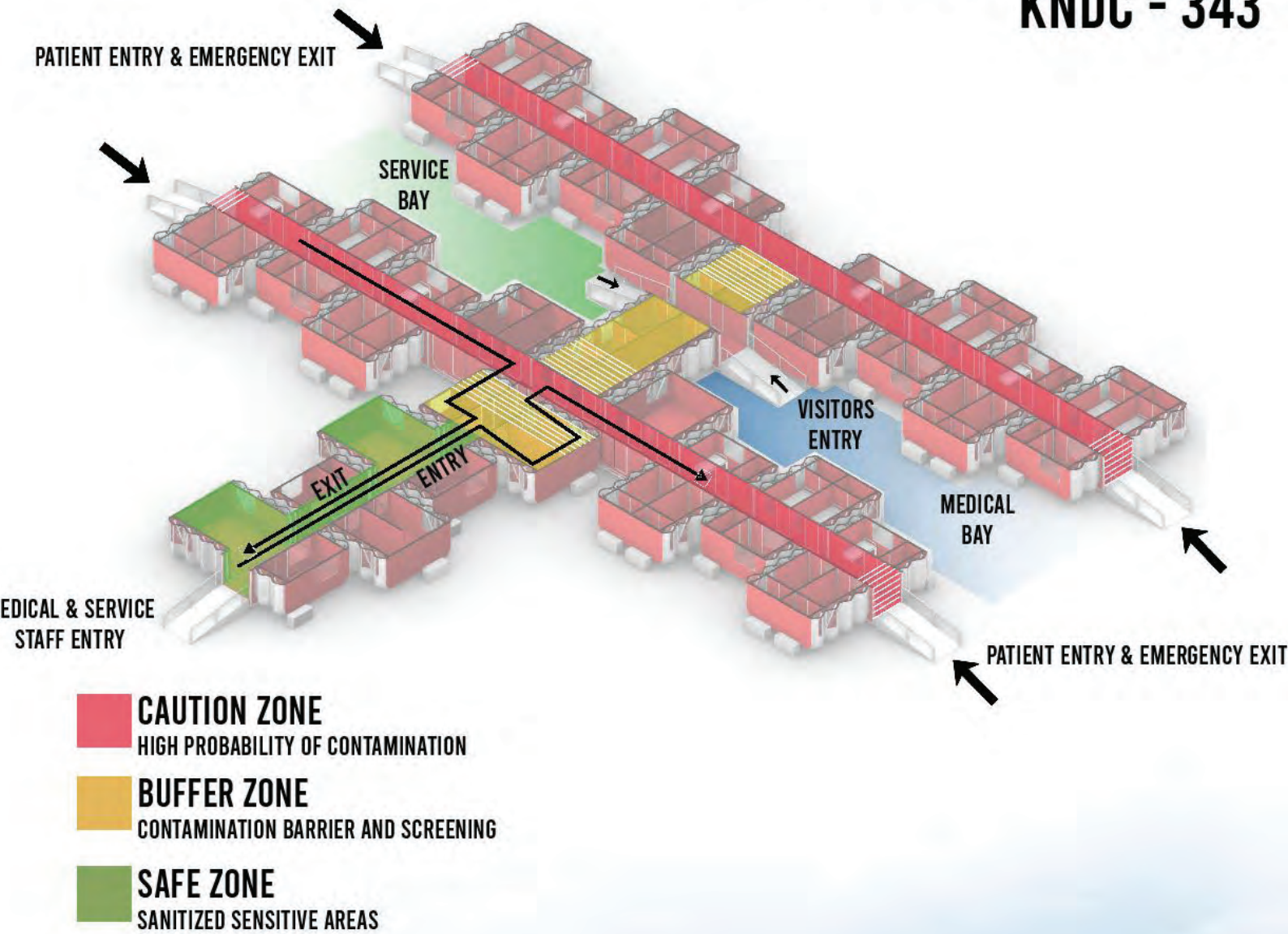
MODULARITY: MODULAR PREFABRICATED COMPONENTS PROVIDES FOR FAST ASSEMBLY, FLEXIBLE LAYOUT, RAPID DISMANTLING, DYNAMIC NEEDS AND FOR ADAPTING TO POST-PANDEMIC FUNCTIONS.





PICHKU QUARANTINE FACILITY

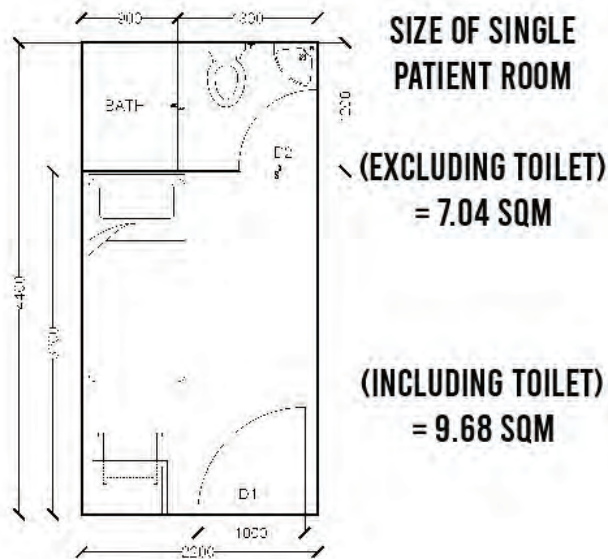
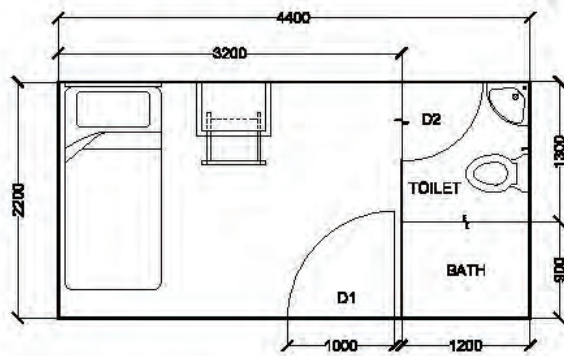




PICHKU

ISOLATION CELL

- ✓ COLLAPSIBLE SYSTEM FOR EASY SET UP
- ✓ RAPID DEPLOYMENT AND RELOCATION
- ✓ GREAT DURABILITY AND PERFORMANCE
- ✓ EASY TO TRANSPORT
- ✓ EASY MAINTAINANCE
- ✓ LOW COST SETUP
- ✓ SINGLE CELL TYPOLOGY
- ✓ MULTIPLE LAYOUT POSSIBILITIES



PLAN OF INDIVIDUAL PATIENT ROOMS

ONE CELL CONSISTS OF
3 UNITS = 3 PATIENTS

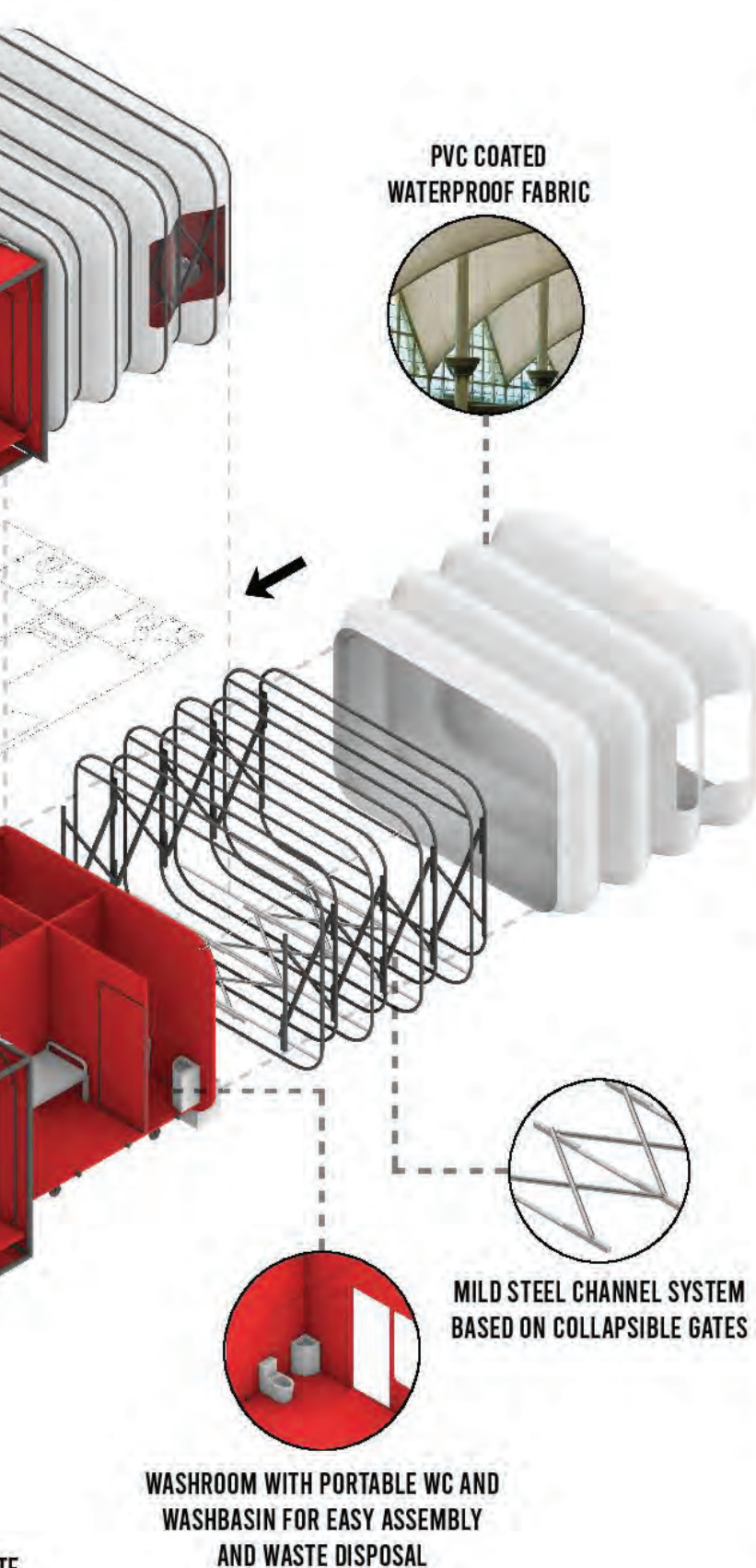
HEPA FILTERED CONTAMINATED AIR
EXHAUST SYSTEM

LAMINATED PVC PANELS THAT ACT
AS WALLS GET ATTACHED TO THE
FRAMEWORK

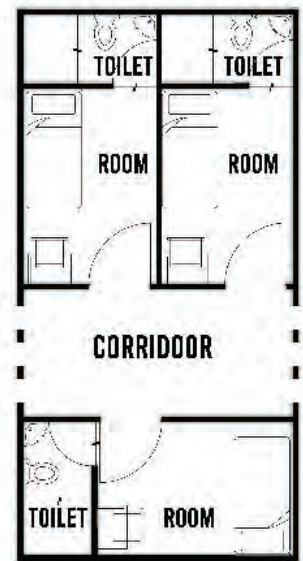
TIRE SYSTEM
FOR EASY MOVEMENT ON SITE

CONSTRUCTION DETAILS





CELL LAYOUT



MATERIALITY

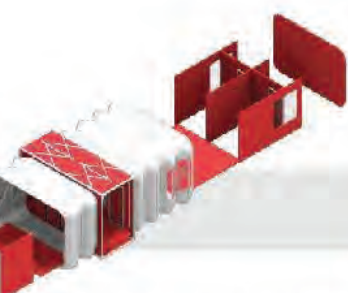
PVC COATED WATERPROOF FABRIC FOR SHELL
FUTURISTIC MATERIALS THAT CAN ALSO BE USED IN PLACE OF ETFE -

1. POLY VISCO 410 FABRIC - DEVELOPED IN KANPUR
2. FABIOSYS FABRIC - DEVELOPED BY IIT DELHI

APPROXIMATE COST OF ONE CELL

PVC FABRIC	55000
WALLS	40000
STEEL FRAMEWORK AND CHANNEL SYSTEM	50000
FURNITURE	18000
SANITATION AND VENTILATION	33000
MISCELLANEOUS	3000
TOTAL APPROX COST PER CELL	209000

TE



**INSTANT ASSEMBLY OF
REFABRICATED PARTS**



**RETROFITTING DRAINAGE
AND VENTILATION**

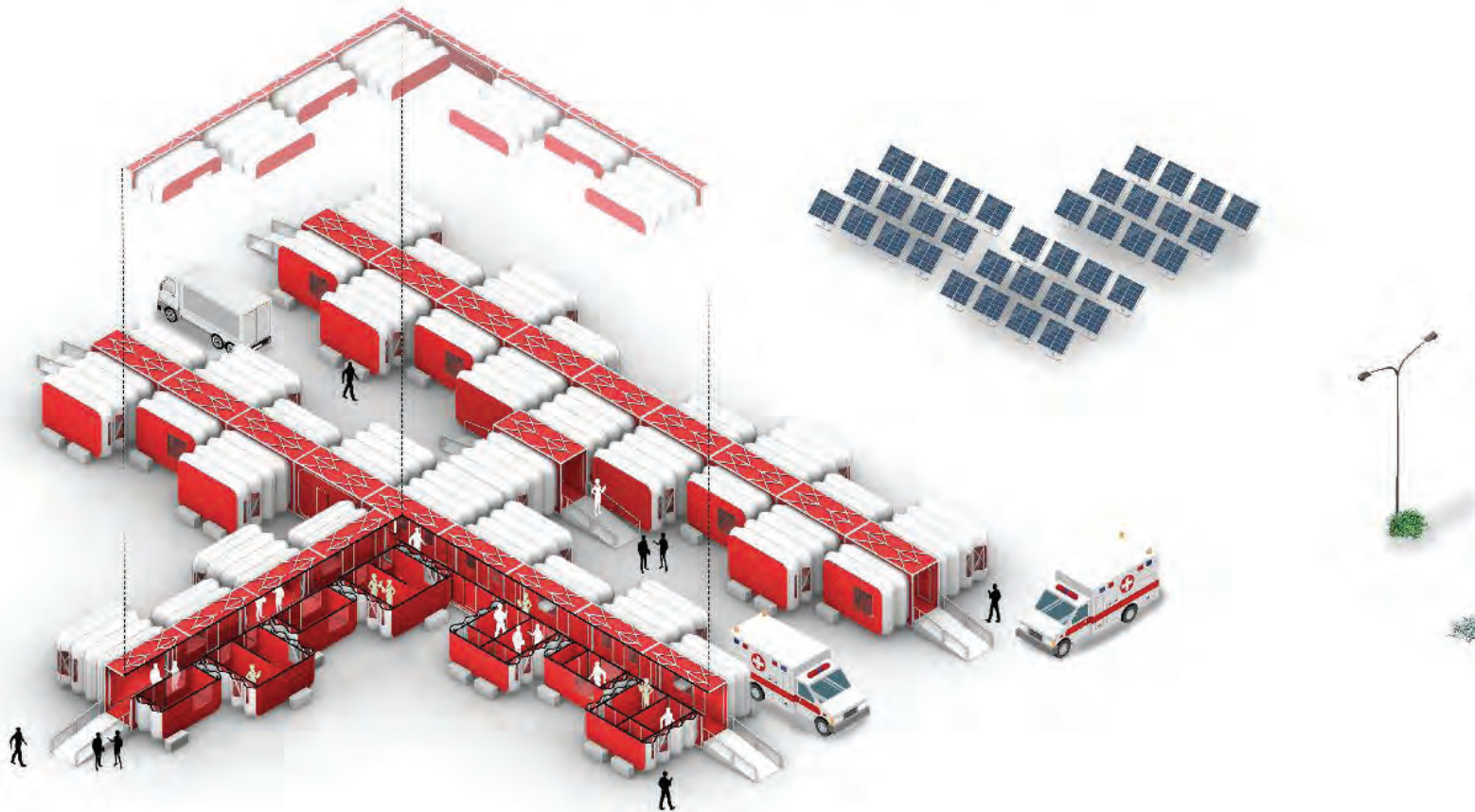


**ACCUMULATION ACCORDING TO
SITE LAYOUT**

**READY
IN
UNDER**



PICHKU QUARANTINE FACILITY



AXONOMETRIC SECTION THROUGH QUARANTINE FACILITY





FUTURE ADAPTATION INTO LOW INCOME HOUSING



Barcelos: The Namesake

Barcelos, Navi Mumbai, Maharashtra

Barcelos, a restaurant in Navi Mumbai, draws from Barcelos' culture, craft and cuisines. Studio Osmosis derives the atmosphere that the city offers from this spirit of wholesome living and contentment. The resultant space is themed to Mediterranean décor with a stained-glass colour, patterned tiles, details inspired from Azulejo pottery and more.

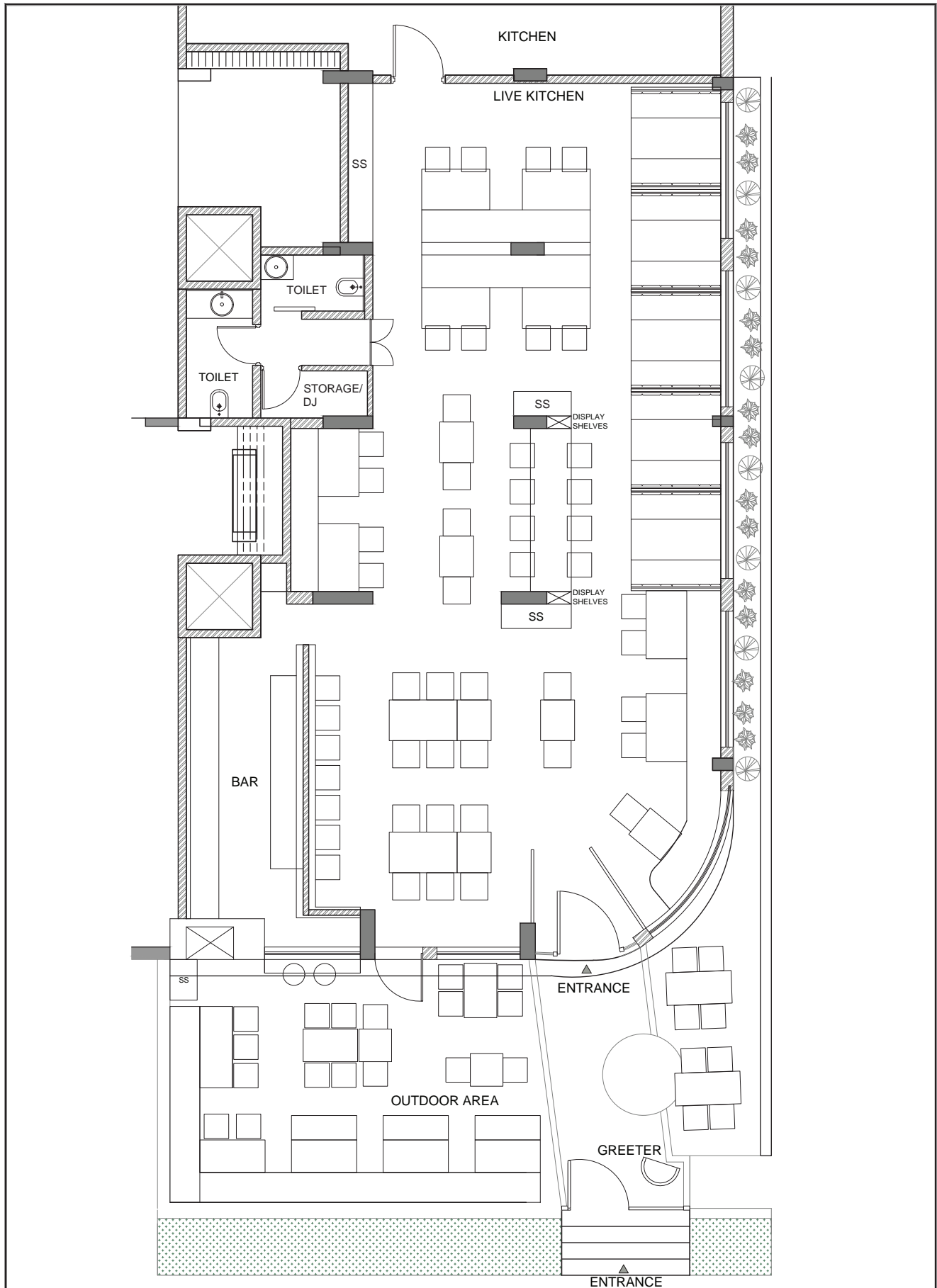
24

*Text: Shriti Das**Images: Kunal Bhatia**Drawings: Studio Osmosis*

Barcelos, Navi Mumbai, Maharashtra by Studio Osmosis.



The space is an industrial shell that is outfitted in a décor language that depicts the revelries of Barcelos.



BARCELOS LAYOUT



Barcelos, Navi Mumbai, Maharashtra by Studio Osmosis.

Derived from the culturally rich town of Barcelos, its namesake restaurant chain recreates a similar vibe of splendour and festivities. It is located in Thapar Complex in Navi Mumbai that houses corporate offices and wears the archetypical industrial demeanour. The intent of Barcelos, the restaurant is to offer office-goers as well as casual diners an easy and laidback space to unwind. It is a space for food, relaxation, conversation, flirtations and everything associated with a good time. The vibrant restaurant, being juxtaposed against an industrial precinct perhaps metaphors the idea of healthy work-life balance, the importance of culture, colour and revelries amidst the seriousness of everyday work and hustle. The restaurant does not borrow a visual or imageries of Barcelos but the spirit that the town disseminates. Its lively streets, its art and craft industries, pottery, sports, traditional dance and music, culinary offerings and so on create a holistic and

happy way of being for its inhabitants. Studio Osmosis derives the atmosphere that the city offers from this spirit of wholesome living and contentment into the space that it has created for the restaurant.

The space is an industrial shell that is outfitted in a décor language that depicts the revelries of Barcelos. Mediterranean styles dominate the restaurant, creating eclectic ensemble as the restaurant is divided into different zones. The interiors are dominated by vivid shades of green, yellow and blue. The material palette comprises of brick cladding, wooden and patterned tile flooring offset by stained glass and bespoke crafted objects. The wood and brick further the industrial demeanour while the colourful tiles and stained glass infuse the space with cheer and ardour. Portugal is famed for its blue pottery, Azulejo. These patterns are adopted in the hand-painted pendant



Patterned tiles find way onto table-tops to create pops of colour and visual.



The material palette comprises of brick cladding, wooden and crafted objects.

lights that are suspended from the exposed ceiling. Patterned tiles find way onto table-tops to create pops of colour and visual interest amidst furniture that is largely all wood and vibrant upholstery.

The architects ensure that the overall space is light and airy so that details like graphics and curios representing the origins of the brand are efficiently highlighted. This allows the space to wear a relaxed vibe that does not overwhelm the

senses. While the aesthetics are on-point, Barcelos, the restaurant aces at capturing the spirit of community and lively streets as it beautifully balances grunge and elegance. A live kitchen becomes the focal of the restaurant. The live kitchen is visible across the restaurant which allows the diners to engage with the chef and their food before it is even served to them. A community table is accommodated in the restaurant in tandem with the spirit of togetherness.



patterned tile flooring offset by stained glass and bespoke



Barcelos aces at capturing the spirit of community and lively streets as it beautifully balances grunge and elegance.

While the restaurant is designed to infuse colour and cheer within the industrial precinct where it stands, care is taken to ensure that the structure blends with its surroundings. The outdoors is a green and lively with a pergola-grid ceiling resplendent with fairy lights and hanging planters. The facade however, is rather subtle, in MS frame with a mix of clear and coloured glass. This enables the restaurant to establish connect and context with the precinct but the decor harks back to the

cultural offerings of Barcelos. Bespoke furniture by the Retyrement Plan is an interesting addition to the space, bringing in craft and customisation. The landscaping softens the facade and stained glass adds vibrancy. This aesthetic is continued in the interiors as the columns are clad in green subway tiles following the grid-pattern of the glazed facade. The bar is designed to connect the outdoors and the indoors. It follows a similar design with intricate tile grids at the bar back and front.



The bar is designed to connect the outdoors and the indoors. It follows a similar design with intricate tile grids at the bar back and front.



Bespoke furniture by the Retirement Plan is an interesting addition to the space, bringing in craft and customisation. The landscaping softens the facade and stained glass adds vibrancy.

At Barcelos, Osmosis stays true to the integrity of an industrial-office area but effectively infuses a playful and warm vibe that is reminiscent of the Portuguese city. Many upscale bars and lounges have long followed the industrial chic visual that borrows from such areas of factories and warehouses. There is certain glamour to grunge when offered minus its grime. It embodies a certain sense of mystery, depth and darkness but is sanitised and scrubbed clean to be revved with glamorous offerings of rich décor complete with opulent accessories and food to complete. The effortless flair perhaps adds an element of fun to the otherwise sombre demeanour and allows the diner to unwind at ease. Barcelos picks up a similar narrative with an entrance that traces its industrial context and gradually transitions to a colourful and peppy space.

It reinforces that work, play, leisure and festivity can and must co-exist. And much like the city of Barcelos, the restaurant Barcelos makes for a holistic mix of all things beautiful and jovial. ■

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FACT FILE

Project	: Barcelos
Design Firm	: Studio Osmosis
Principal Designer/Architect	: Sameer Balvally and Shilpa Jain Balvally
Carpet Area of project	: 2345 sq. ft. 645 outdoor and 1700 indoor)
Location	: Navi Mumbai

Carving an office in a shed

Office in a Shed, Navi Mumbai

MuseLAB's 'Office in a Shed' is a retrofitted office into a factory shed in Taloja. It navigates a peculiar challenge of unavailability of open land to build the office since the site was located in an existing warehouse. The warehouse being fabricated in steel sections with a corrugated sheet skin has a distinct visual quality that is imbibed in the office with flourish and simplicity.

Text: Shriti Das

Images: Talib Chitalwala

Drawings: MuseLAB

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'Office in a Shed' is a retrofitted office into a factory shed in Taloja.

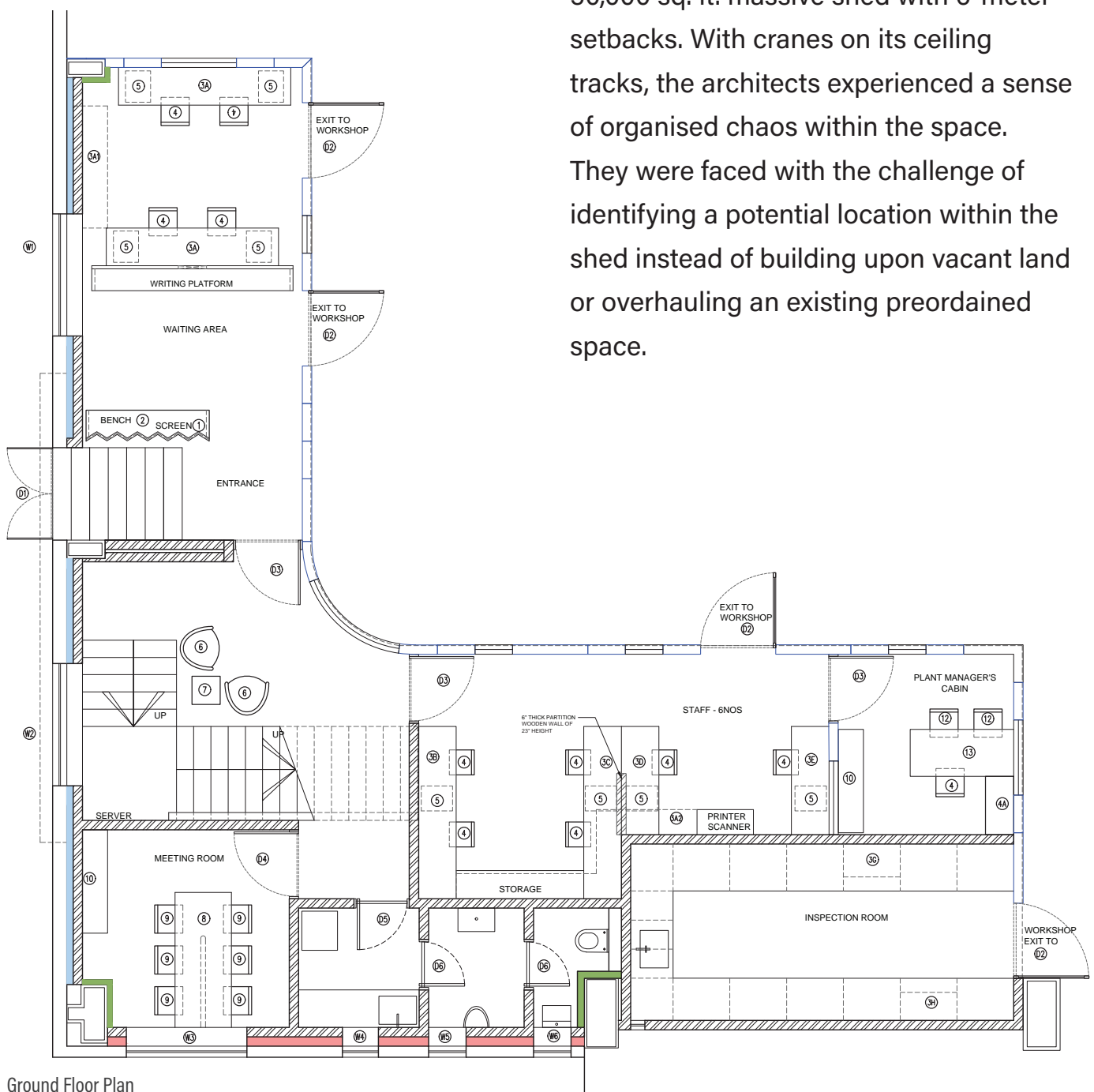


The corner-office was configured in an L-shaped layout with a curved glass panel at the corner. It allows the office-users to maintain a visual connect with the outdoors.



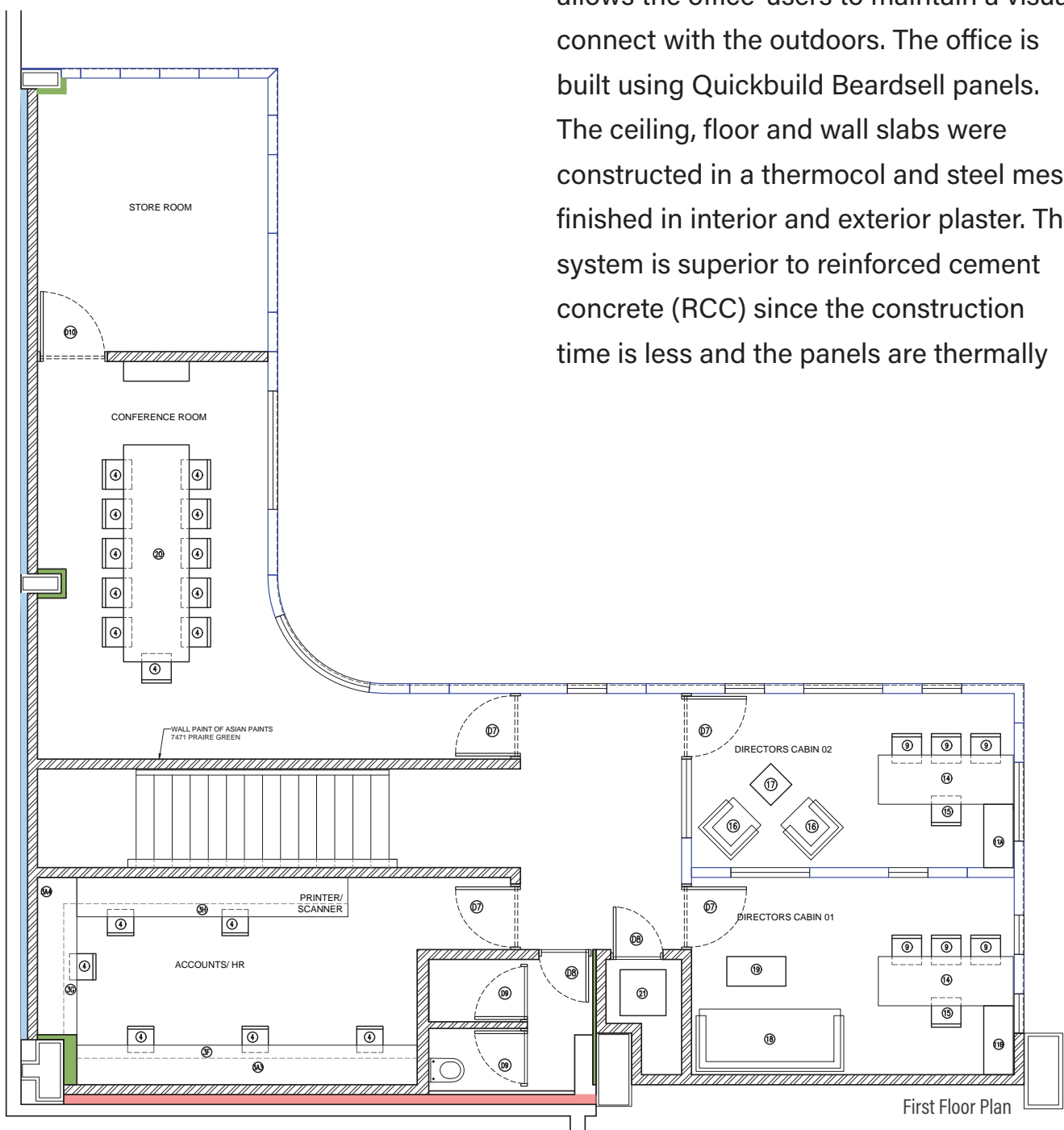
Design challenges commonly pertain to budgets, deadlines, availability of materials, terrains, climates and client-vendor idiosyncrasies. And design projects pertain to empty plots or spaces in need of repair or renovation. But MuseLAB was faced with a peculiar challenge for their

project 'Office in a Shed!' The brief involved building an office for Zarhak Steels for their manufacturing plant at Taloja since they were scaling operations to a larger space. However, the 'site' was neither an empty plot nor in require of renovation. It was the manufacturing plant itself: a 50,000 sq. ft. massive shed with 6-meter setbacks. With cranes on its ceiling tracks, the architects experienced a sense of organised chaos within the space. They were faced with the challenge of identifying a potential location within the shed instead of building upon vacant land or overhauling an existing preordained space.



A corner in the shed was identified to carve a 3000 sq. ft. office so as to not obstruct the day-to-day functioning of the factory. The brief involved seating for 10 staff, a discussion room, a factory manager's cabin and a pantry along with toilets on the ground floor and two

directors' cabins, a conference room overlooking the main workshop space and an accounts area on the first floor. The corner-office was configured in an L-shaped layout with a curved glass panel at the corner. It offers a glimpse to the design interventions within the office and allows the office-users to maintain a visual connect with the outdoors. The office is built using Quickbuild Beardsell panels. The ceiling, floor and wall slabs were constructed in a thermocol and steel mesh finished in interior and exterior plaster. The system is superior to reinforced cement concrete (RCC) since the construction time is less and the panels are thermally





The staircase with the exposed underside in teal.

insulated while being only 5" thick after plastering.

The office takes the soot and grit emanated from the factory in its stride as it is designed to withstand dust and heavy-duty work. Vitrified tiles are used on the floor. Doors and windows are made in ply and sealed with an MRF coat. The façade wears bands of light and dark grey



The office takes the soot and grit emanated from the factory in its stride as it is designed

with matte-finished teakwood frames around the doors and windows. But the focal point is the teal staircase with an exposed underside. On the ground floor, as either wings of the office conjunct into the central vertex, the staircase bottom becomes a vantage. It is something to look at in between breaks or simply symbolic of the design interventions that have transpired within.



ned to withstand dust and heavy-duty work.



The staircase is perhaps the most interesting element within the office

'Office in a Shed' has all the makings of an aesthetically pleasing and functional construction that responds to the industrial property that it stands within. Creating a pleasing and workable office is perhaps no longer a challenge for practices like MuseLAB that have long established their mettle in problem-solving and designing across contexts and challenges. The office interiors were designed with an

emphasis on function over aesthetics. Which is probably how most design must transpire; with a control over how the space unravels visually even though the primary point of intervention is providing a cost-effect and space-optimised solutions. While resilience, durability and strength are a given, the grey and wood scheme is a refined take on the industrial precinct that creates a distinction from the factory.

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The focal point is the staircase with an exposed underside finished in teal.



The façade and interiors wear bands of light and dark grey with matte-finished teakwood frames around the doors and windows



While resilience, durability and strength are a given, the grey and wood scheme is a refined take on the industrial precinct that creates a distinction from the factory.

It must be noted that while the office interiors wear a stylish demeanour as opposed to the rest of the factory, is not elitist or ostentatious. It does not create any divide in terms of the genre of the people that occupy either spaces. On the contrary, it ties together both areas with the minimal design language. The project is a great lesson on inclusivity, restraint with an inkling of imbibing the architects' vision without neither overpowering the other. ■

FACT FILE

Project Name	: Office in a shed
Client	: Zarhak Steels
Design Firm	: MuseLAB
Design Team	: Huzefa Rangwala, Jasem Pirani, Jeet Soneji
Area	: 3000 sq. ft.
PMC	: Mass Interiors
Location	: Taloja, Maharashtra
Photography credits	: Talib Chitalwala

Creating a contemporary cultural identity

St. John's National Academy of Health Sciences Auditorium, Bengaluru

The St. John's National Academy of Health Sciences auditorium in Bengaluru is a 2-decade old auditorium that underwent transformation by Vishwanath Associates to bring a new lease of life into the ageing structure. The work involved redesigning the traffic plan and parking bays alongside incorporating technology that would support technical requirements of newer times.

40

Text: Shriti Das

Images: Anand Jaju

Drawings: Vishwanath Associates

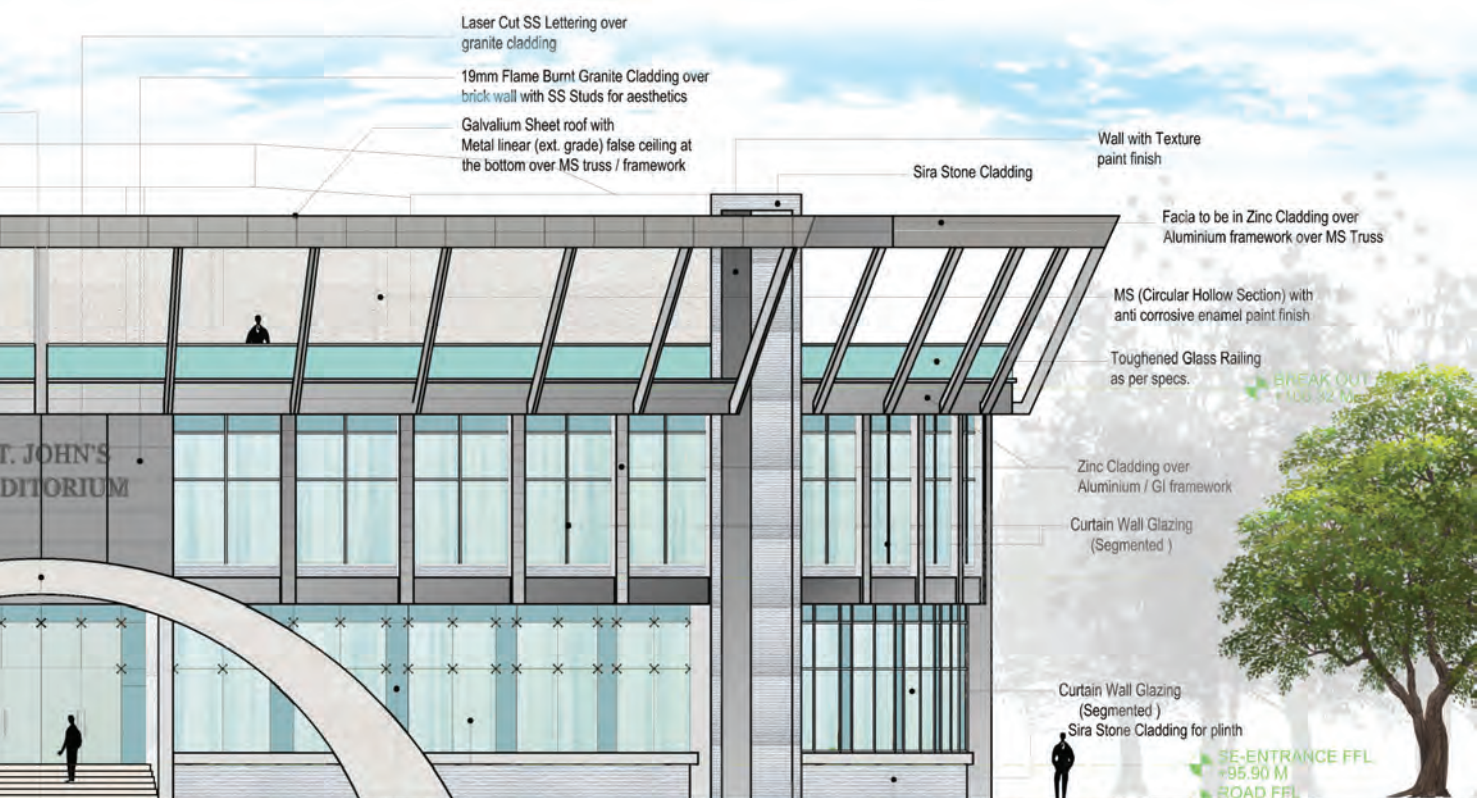
Concept Elevation

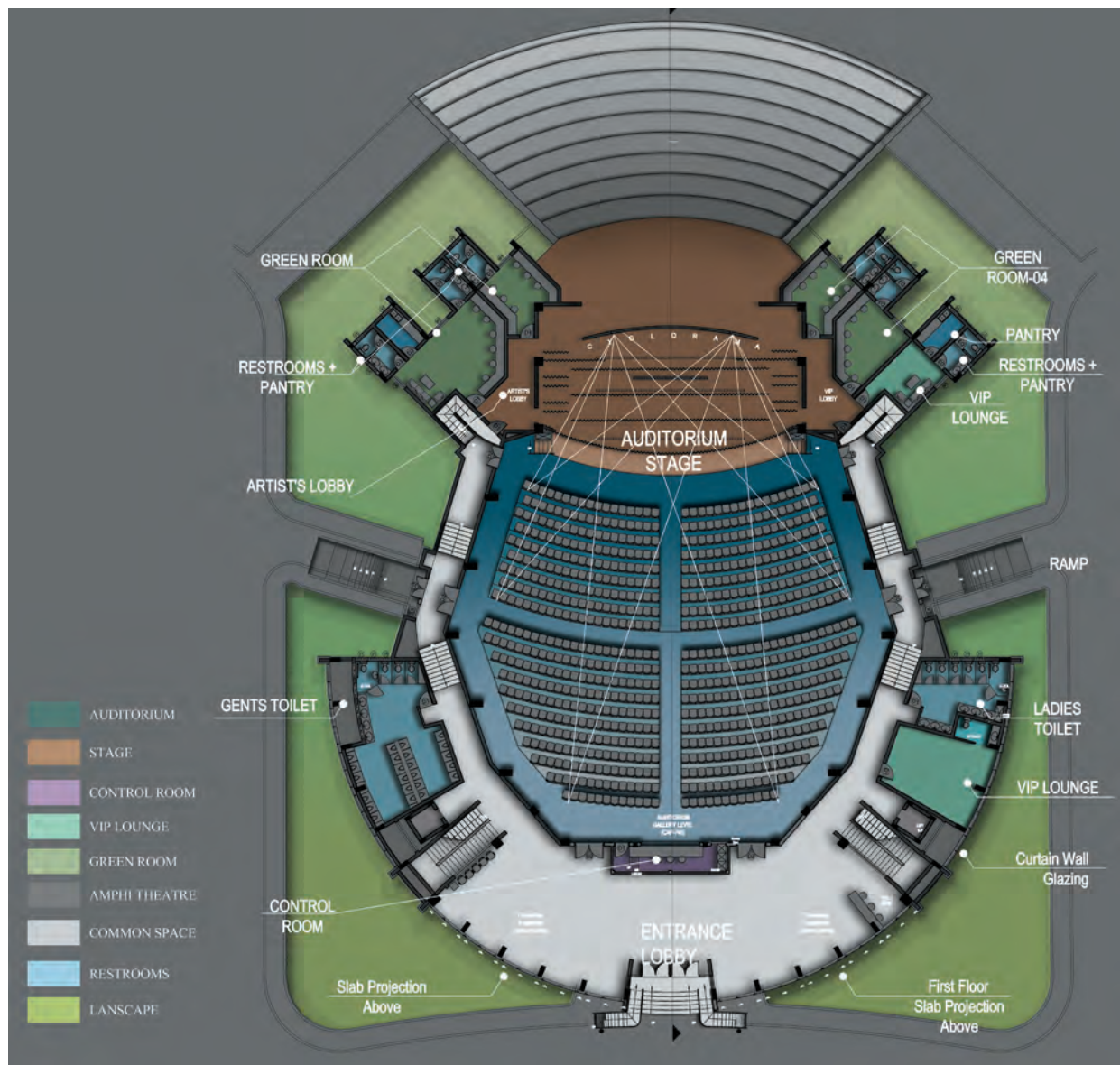


Modern architecture is constantly critiqued for its lack of context and the faceless identity that they impart to cities. One may argue that such buildings are easier to construct, given that reinforced cement concrete (RCC) makes for speedy execution and easy upkeep. And often, to keep up with the capitalist times; speed and mass-production; equals profitability and the success of a project. But in the process, design suffers as do the inhabitants of such buildings. It is no surprise, that while the nation has cutting-edge technology and engineering to offer, the quality of life that its citizens lead in metropolitan cities, have little to be desired. And it is even more ironical, that it is these metropolitan cities contribute highly to the nation's gross domestic

product (GDP) but have serious deficits when one evaluates the habitation that they offer to its people. While its people work as hard for their cities, it is not entirely unfair to expect that their cities offer them sound and holistic spaces.

Perhaps cities can sky-rocket and succeed commercially only as fast as they can multiply and mass-produce. And design inevitably takes a backstage. Hence, modern architecture truly does reflect it times too, of speedy methods that zoom by so fast that they render buildings faceless and its people can hardly distinguish or relate to any identity that architecture may try to conjure. The architecture may fulfill its function, offer comfortable spaces and shelter but when

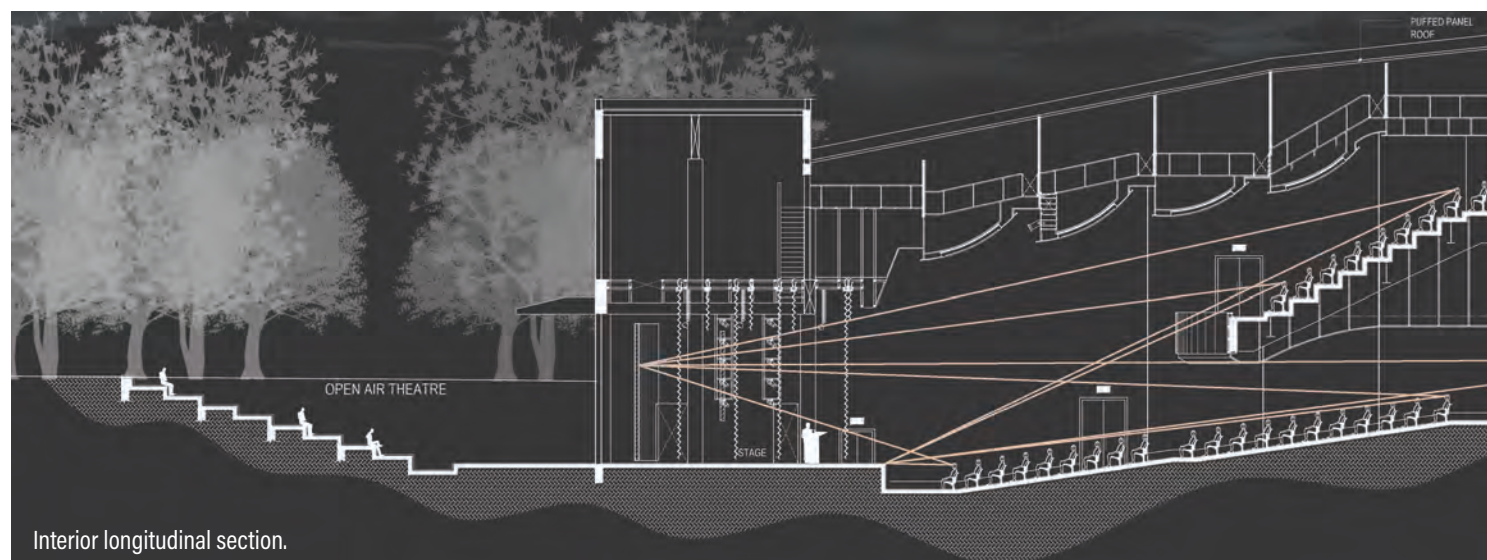


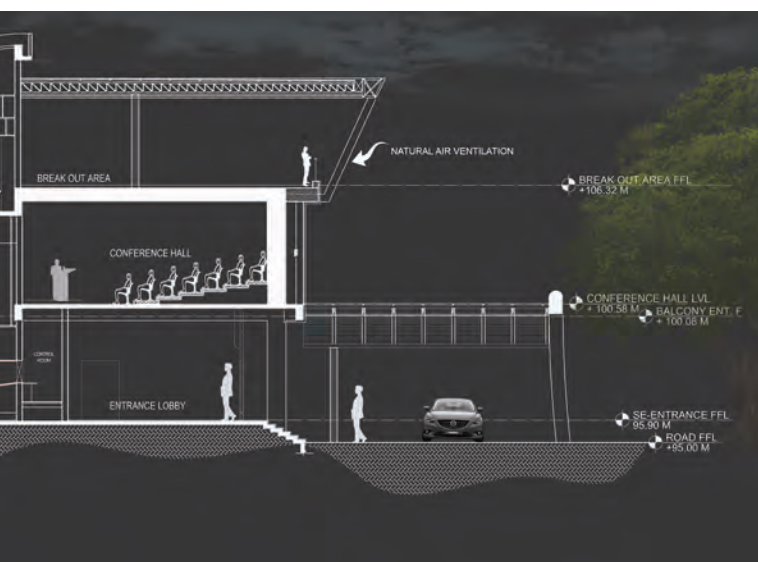
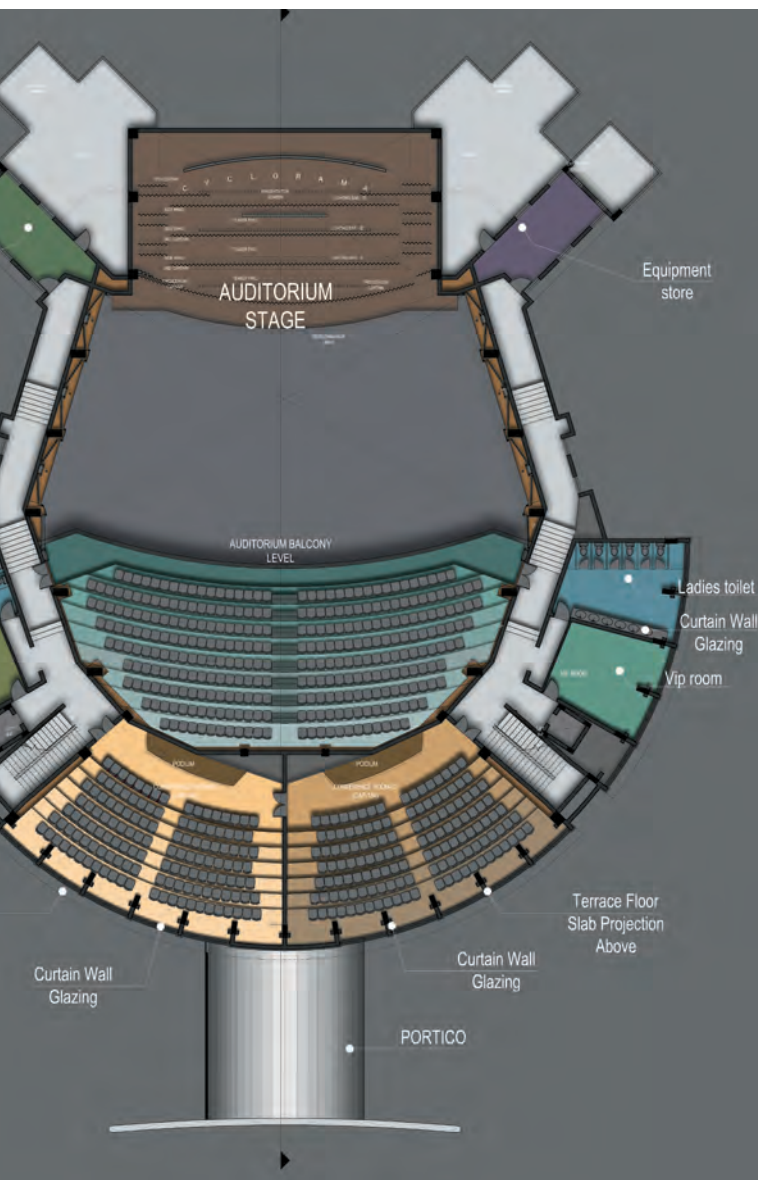


Ground Floor Plan



First Floor Plan.





perceived in totality, as the portrayal or reflection of current times, there is little to be spoken about. But not all modern architecture falls under the bracket of faceless imageries. And neither is it fair to expect that every construction be a piece of art or fulfil cultural aspirations. And then there are those projects that adhere strictly to their function yet accomplish the aforementioned criteria.

The St. John's National Academy of Health Sciences in Bengaluru is a 2-decade old auditorium that underwent transformation to bring a new lease of life into the ageing structure. The work involved redesigning the traffic plan and parking bays alongside incorporating technology that would support technical requirements of newer times. The structure takes after the Indian musical percussion instrument – the 'Table' with a convex form that was predetermined given its original shape. The columns were retained even though the exteriors were demolished to bring in further space and light. A beeline curved porch was introduced to emphasise on the curved character of the building.

The new auditorium is spread across 31517 Sq. ft. A spillover area is introduced on the terrace to accommodate 750 people with people with unhindered pre-function areas and VIP rooms. The old entry door was revamped to eliminate glare that cascaded onto the stage. The interiors were revamped to a softer demeanor for sharper sight-lines so that the space does



Before



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After



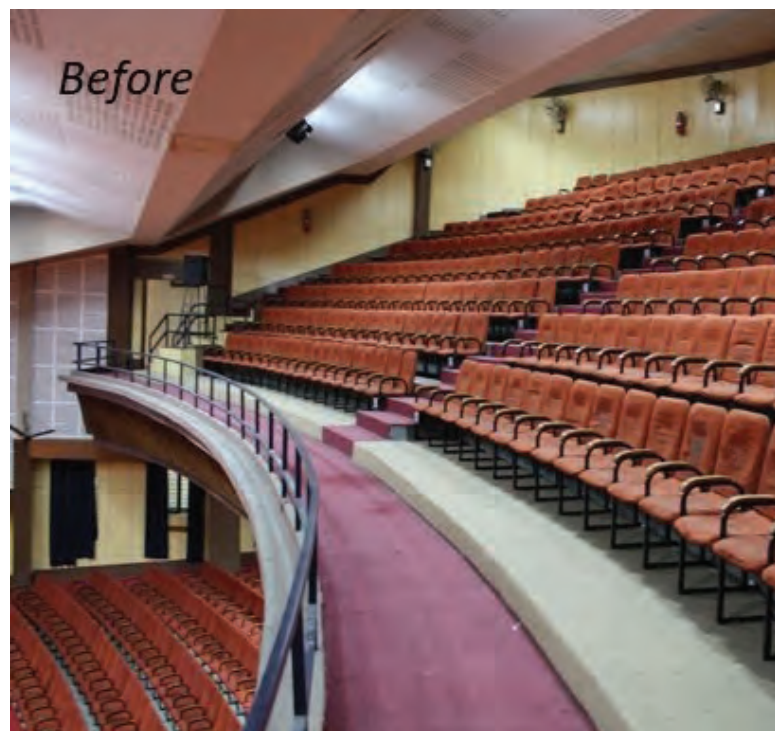
View of the Entrance drive way.

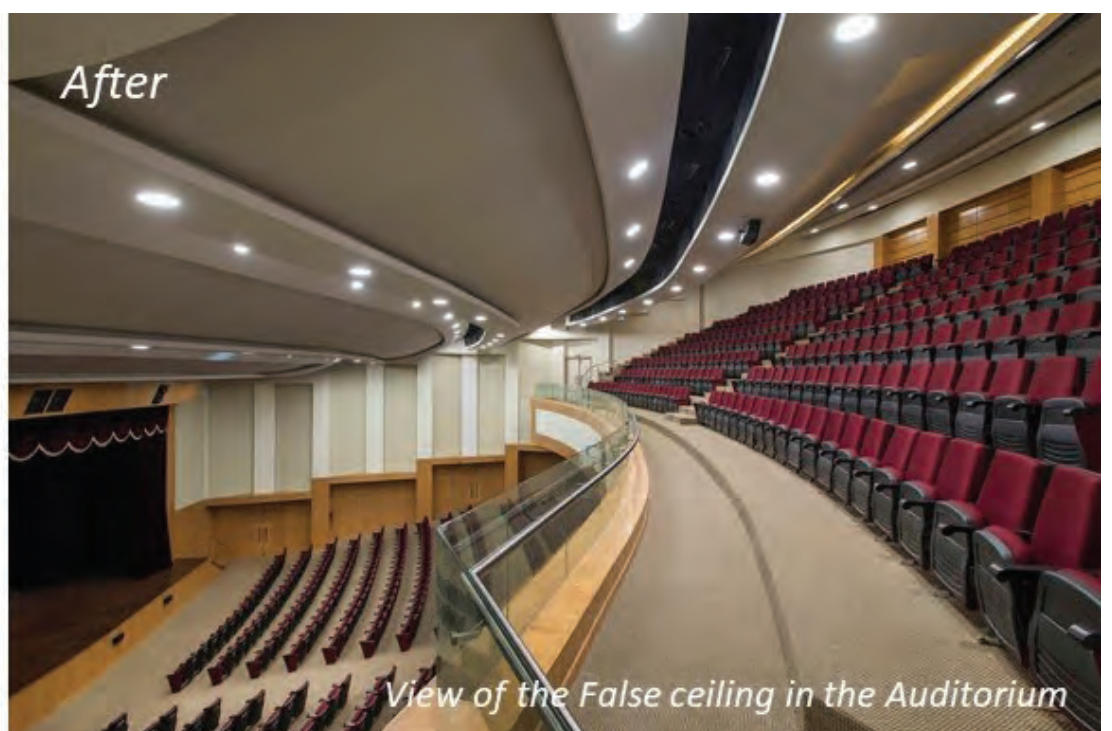
Before

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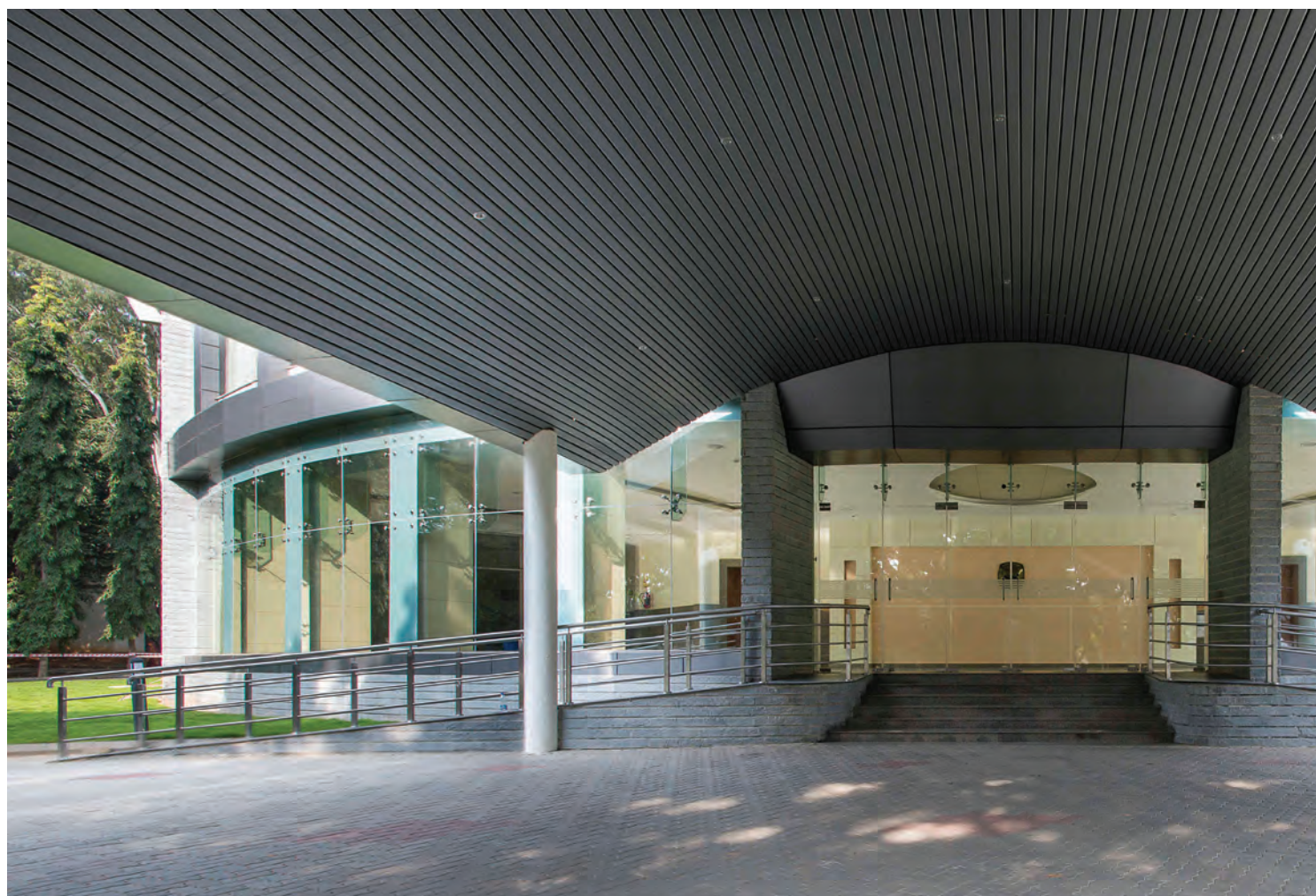
not distract or overwhelm the audience. The stage, green-rooms, control rooms and seminar halls were relocated and revamped to isolate the spaces from the road. Ramps and elevators were introduced to make the auditorium accessible and inclusive. Beyond the space, provisions for audio and visual projections were made and superior technology for acoustics, FOH lighting, UPS and air-conditioning were provided.

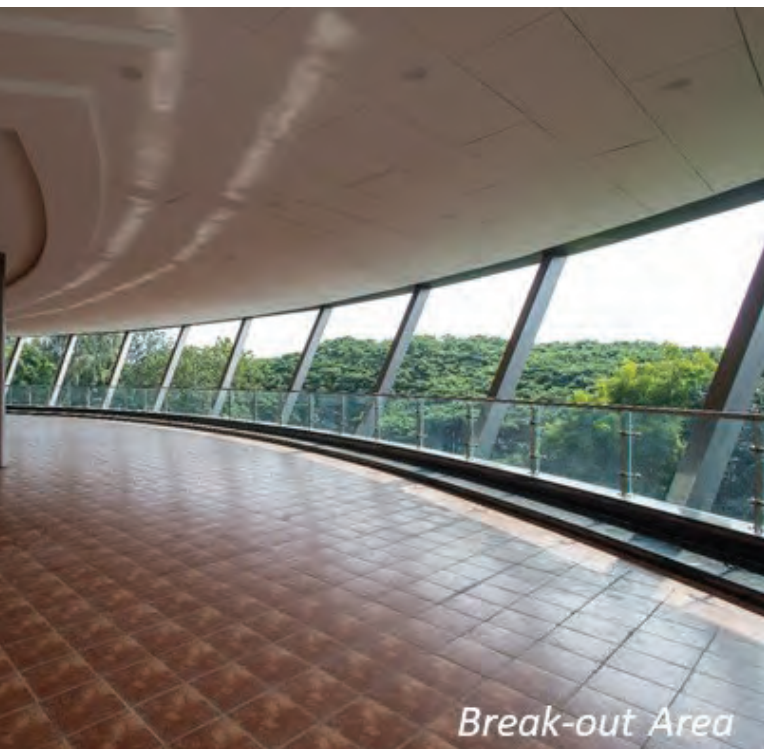
Overhauling an existing structure allowed the architects to mitigate ecological concerns that come about

Before



View of the False ceiling in the Auditorium





Break-out Area

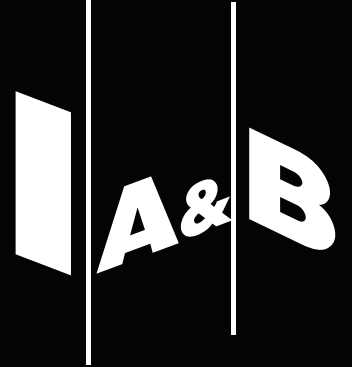


with new constructions. The architects at Vishwanath Associates say, "The ecological benefits are maximized by minimizing the input of new construction materials. Renovation projects, that require many new materials can reduce or even regale the comfort of reuse." Aesthetically, the new structure breaks away from its older façade into a sleek metal and glass façade building that underlines new-age construction and reflects the pride that the city holds in its cultural legacies. As quoted by the architects, "Urban cultural heritage buildings are drivers of environmental sustainability. They embody the local cultural and historic characteristics that define communities, that adaptive reuse of existing buildings is beneficial for the environment." ■

FACT FILE

Project	: St. John's National Academy of Health Sciences – Auditorium - Bengaluru
Site Area	: 31,517 Sq. ft.
Seating Capacity	: 1,100 pax
Design Team	: V. Vishwanath Founder & Principal Architect Vidya Vishwanath Co -Founder & Lead Designer Vithal P Balakundi Director - Structural & Civil Engineer Gaurav Sisodia Project Lead Architecture
Civil Contractor	: Abraham & Thomas Engineers Pvt Ltd.,
Interior Contractor	: Effects Engineers & Contractors
Stage & Lighting Contractor	: Prabhat Enterprises
Electrical Contractor	: Trident Engineers

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