

ARCHITECTURE+DESIGN

AN INDIAN JOURNAL OF ARCHITECTURE



dynamics of public architecture...

Presenting
The World's First Circular AC

Add even cooling to your décor
with Samsung 360 Cassette AC

The innovative circular design of the Samsung 360 Cassette air conditioner adds a sophisticated look to any design.



Circular Design: Its full-circle design allows it to be placed aesthetically in any setting



Perfectly Even Cooling: Innovative 360 degree airflow ensures optimal air conditioning, which also eliminates dead zones



Blade-less Airflow: Increases air volume by 25%* with booster fan

*Based on internal testing on Samsung conventional 4 way model with 360 cassette model at the same 48kBTU model and horizontal blade position.

^The iF DESIGN AWARD is a symbol of design excellence around the world that recognizes works in the categories of Product, Packaging, Communication, Interior Architecture and Professional Concept.

SAMSUNG



Winner of
iF Product Design
Award^



Forsales enquiry, write to us at
sales.enquiry@samsung.com



Call us at 1800 3010 8282





DCM SHRIRAM



Nationwide Footprint: Presence across 147 cities

Call: 1800 102 9880 (Toll Free) | **SMS:** WINDOW to 56161 | **Email:** response@fenesta.com | **Visit:** www.fenesta.com

T&C apply

www.facebook.com/fenestawindows twitter.com/fenestawindows [YouTube youtube.com/fenestawindows](https://www.youtube.com/fenestawindows) [instagram.com/fenestawindows](https://www.instagram.com/fenestawindows)



Works of Art Made by Science Fenesta Windows

Each Fenesta window is the creation of science, based on your environment:
Architecture, Wind Speeds and
Rainfall Intensity.

The craftsmanship of Fenesta lies in the combination of art and science, an approach as unique as its windows.

Science@work:

Insulation against noise, rain, dust, pollution and rising energy costs



Walk all over something precious.

Balconies, walkways, terraces or any other exterior surface will now look more elegant and stylish than ever before. What's more, they're built to last long and perform as well as they look. So it's perfectly alright for people to walk all over it.

WEATHER RESISTANT | EASY TO INSTALL | LOW CARE & MAINTENANCE | ENVIRONMENT FRIENDLY

WALKON
EXTERIOR FLOOR BOARDS



STYLAM INDUSTRIES LIMITED

S.C.O. 14, Sector 7- C, Madhya Marg, Chandigarh (UT) India - 160 019 Toll Free No 1800-120-0054
Email : inquiry@stylam.com Web: www.stylam.com



Designer's pride. Owner's joy.

Fascia Exterior Cladding High Pressure Laminates gives you an opportunity to design the most stunning exteriors. They are extremely durable, styled with international sensibilities and available in a wide range of colours.

FADE RESISTANT | INTERNATIONAL MANUFACTURING AND STYLING | WEATHER RESISTANT

FASCIA
EXTERIOR CLADDING

STYLAM INDUSTRIES LIMITED

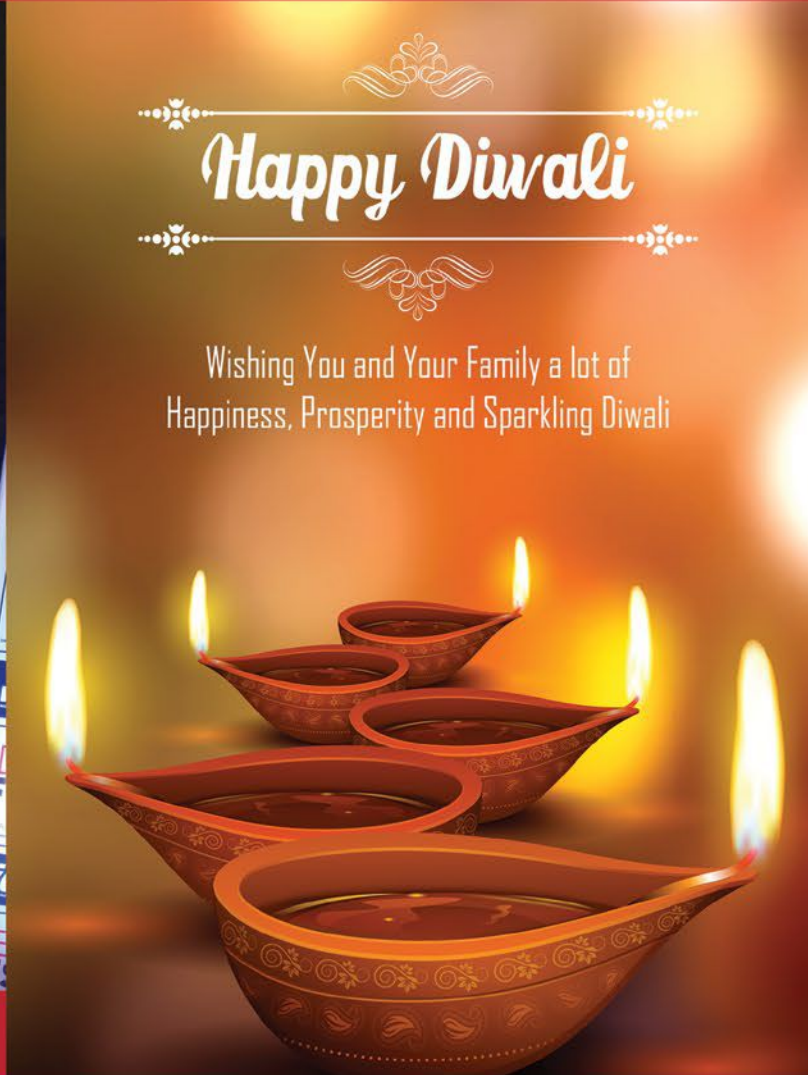
S.C.O. 14, Sector 7- C, Madhya Marg, Chandigarh (UT) India - 160 019 Toll Free No 1800-120-0054
Email : inquiry@stylam.com Web: www.stylam.com



MR. PENG JUN (MD, LESSO BUILDTech) RECEIVING THE PRESTIGIOUS AWARD - WCRC MOST PROMISING BRAND 2016 FOR INFRASTRUCTURE - BUILDING MATERIALS & SOLUTIONS.



FEMINA MISS INDIA PRIYADARSHINI CHATTERJEE WITH LESSO'S PRESTIGIOUS AWARD, LOOKING STUNNING AS USUAL





UNMATCHED AND UNRIVALLED QUALITY

**YOUR INNOVATIVE AND RELIABLE PARTNER FOR
uPVC WINDOWS & DOORS SOLUTIONS**

Thermal Insulation & Energy Efficient | Corrosion Resistant | Sound Insulation | Fire Resistant | Water Tightness | Strength & Security | Weather Resistant | Maintenance Free | Environmental Friendly | Electricity Insulation |

Visit us at :			
Date	Exhibition Name	Venue	Stall no.
10 - 13 November 2016	Acetech	Bombay Exhibition Centre, Mumbai	K- 12
9 - 11 December 2016	ZAK	Fragati Maidan, New Delhi	D - 6B11



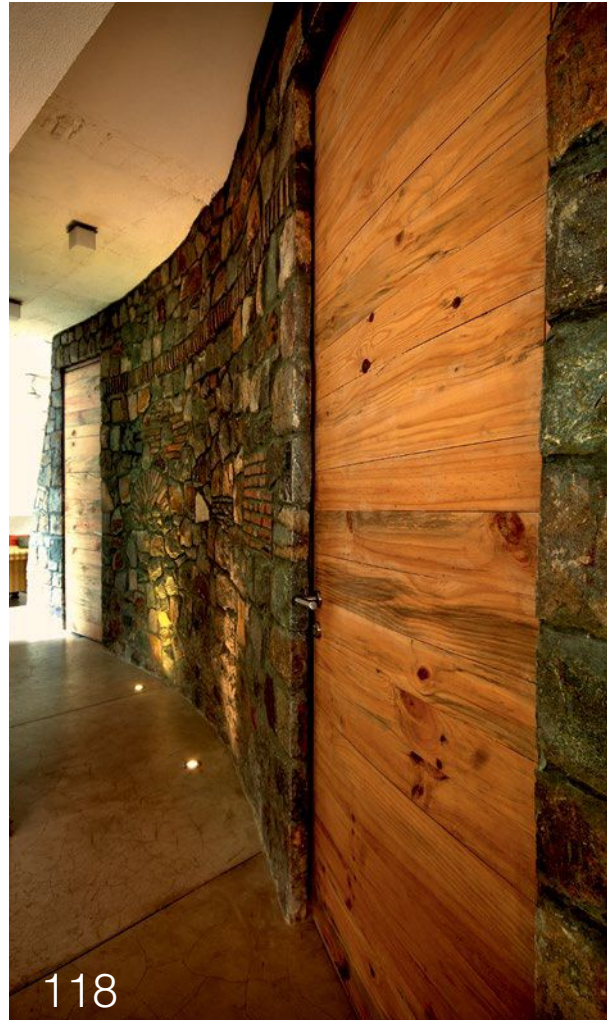
Chosen India's Most Promising Brand 2016 for Infrastructure - Building Materials & Solutions



Lesso Buildtech Private Limited
 Head office: Gurgaon (Ph: +91 1246467555)
 Regional office: Bengaluru | Pune | Kolkata | Ahmedabad
 Warehouse: Gurgaon & Bengaluru
 Toll Free no : **1800 102 2128**
 Website : www.lesso.co.in

CONTENTS

— ARCHITECTURE+DESIGN —



13 **ABOUT THE ISSUE**

16 **REFLECTIONS**

18 **UPDATES**

IN REMEMBRANCE...

24 **Anil Lau**

26 **Charles Correa**

PUBLIC ARCHITECTURE

32 **Society gets reflected through the architecture of its public buildings...**

Ar Sourabh Gupta

36 **Monolithic Bold Form**

JayaPrakash Narayan Interpretation Centre/Museum of Socialism, Lucknow, UP

Archohm, Noida, UP

48 **An Expression of Individuality**

Embassies of the Nordic Countries, Berlin
Berger+Parkkinen Architekten, Helsinki

54 **A Metaphoric Amalgam of Nature and Culture**

Museum of Tribal Heritage, Bhopal, Madhya Pradesh
Kamath Design Studio, New Delhi

60 **Clad in Patterned Glass**

Library of Birmingham, Birmingham, United Kingdom
Mecanoo, United Kingdom

70 **National Martyr's Memorial**

National Martyr's Memorial, Bengaluru
Mathew & Ghosh Architects, Bengaluru

74 **Contrasting Geometric Forms**

Mons International Congress Xperience (MICX), Mon, Belgium
Studio Libeskind (USA) in association with H2a Architecte & Associés, Belgium

86 **A Police Station**

Police Station and Multipurpose Space, Xixona, Spain
dmp arquitectura, Alicante, Spain

LET YOUR KITCHEN FEEL THE FESTIVE EXCLUSIVITY TOO.



Add a Miele to your kitchen and let the festive season get even more exclusive.

FOLLOW US: [f](#) /Miele [t](#) /Mieleindia [in](#) /MieleIndia

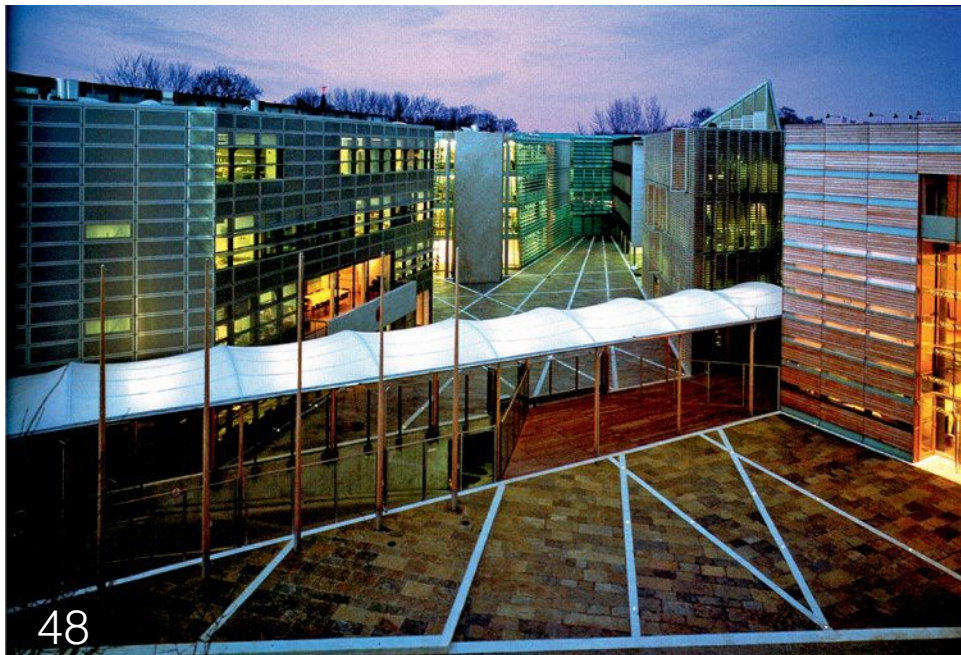
Miele
IMMER BESSER

DELHI NCR | LUDHIANA | MOHALI | MUMBAI | PUNE | AHMEDABAD | SURAT | BENGALURU | HYDERABAD | KOCHI | CHENNAI

The Miele (pronounced as 'mee-luh' in German) range includes wine conditioners, refrigerators, freezers, coffee machines, washing machines, tumble dryers, washer dryers, ironers, dishwashers, cooker hoods, hobs, ovens, warming drawers, combisets and vacuum cleaners. Call us at + 91 11 469 00 000 between 9.30 AM – 6.00 PM (Mon-Fri) or locate a Miele dealer near you by visiting www.miele.in

CONTENTS

— ARCHITECTURE+DESIGN —



SKETCH FEATURE

- 92 Glimpses of the Robust Past
Yajaneeka Aroraa

PROJECT FEATURE

- 98 **The building design optimises the therapeutic benefits of access to nature and landscape...**
Bridgepoint Active Healthcare, Toronto
Stantec Architectur /KPMB Architects, HDR Architecture/Diamond Schmitt Architects, Toronto

110 STUDENTS' SECTION

114 BOOK REVIEW

117 + DESIGN RESIDENCE INTERIORS

- 118 **Organic Dwelling**
J 183 - Apartment for Film Makers, Noida, UP
Archiopteryx, Noida, UP

- 122 **Incorporating a Contemporary Sensibility and Age-Old Tenets**
Private Villa, Vadodara, Gujarat
Creative Design & MGM, Baroda, Gujarat

INDUSTRY CONNECT

- 126 **A Legacy for Innovation and Modern Technology**
Decora Group
- 128 **A Perfect Blend of Functionality and Luxury with Style**
Varmora Granito Private Limited

132 VERSATILE PRODUCTS

- 136 **For your reference...**

Brands of Stylam Industries Ltd.

22 YEARS



OPULENCE THAT STAYS GROUNDED



LAMINATES

APPLICATIONS: Home • Retail • Office • Hospitality • Healthcare • Education



ADHESIVE

White Glue | Marine | Rubber Adhesive | PU Adhesive

Customised Industrial Adhesive Solutions for:

MATTRESS • FOOTWEAR • AUTOMOBILE • HVAC • GENERATOR • PANELLING

For more details, call:

Stylam Laminate: 7508009941/63, laminatesales@stylam.com

Stylam Adhesive: 7508009904/40, mktgadhensive@stylam.com



CENVAT Available
www.stylam.com

The RetroPlate Concrete Polishing System[®] is fast becoming the ultimate treatment for old/new concrete floors. The RetroPlate Concrete Polishing System[®] is the innovative combination of diamond grinding, polishing, and the RetroPlate[®] densifier. RetroPlate[®] was the first in the concrete polishing industry to combine the effects of diamond grinding and polishing with a one-application densifying sealer. Which has the capacity to replace tiles and expensive marbles and coatings

RETRO PLATE CONCRETE POLISHING SYSTEM

A Master Product for concrete floor Works, Successfully With Bare Concrete, Acid Stains, Integral Color, Dry Shake Hardener And Cementitious Terrazzo



- Abrasion Resistance: Up to 400% greater
- Impact Strength: Up to 21% greater
- Light Reflectivity: Up to 30% greater
- Easy to apply
- Easy to maintain
- Stain-resistant/seals concrete
- Durable /Cost effective
- No adverse reaction to ultraviolet light
- Retroplate contains no VOC's
- One time Application
- **Backed by 10 years of warranty**

Retroplate Qualifies for inclusion on Silver, Gold and Platinum LEED

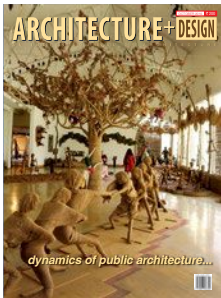


JBA Concrete Solutions Pvt Ltd. 135, Arjun Nagar, Kotla Mubarakpur Opposite Defence Colony New Delhi - 110003 (INDIA)

Telephone Number:- 011 41553830, 011 41553820. Fax:- 011 41554130

Website:- www.jbaindia.com, E-mail Address :info@jbaindia.com

* warranty as per floor condition.



**Museum of Tribal Heritage,
Bhopal, Madhya Pradesh**
(Architects: Kamath Design
Studio, New Delhi)

All drawings and visuals for the projects and articles, unless mentioned otherwise, are courtesy the architects/authors.

Hundreds of years ago in the ancient times, Architecture essentially was the exclusive domain of the kings and emperors or then the royalty which attuned and structured it such that it generated an awe and a reverence in the minds of the general public. The focus was always to design and evolve for the rulers and the power wielders. However, over a period of time a dramatic and revolutionary formatting has taken place. With the fading away of the royalty and with democratic norms firmly in place with a belief in the ‘for the people and by the people’ slogan, definitions in architecture too have witnessed radical changes. Globalisation and consumerism have further led to the redefining of functionality of spaces. In the modern era, public architecture is rooted in diverse dimensions of aesthetics, culture, functionality and the design spirit to move forward addressing the present-day issues of urbanity, environment and the context.

In this Issue we bring our readers closer to the truth in public architecture. I would first of all like to thank our contributors for their positive response to this Issue. The multi-faceted published projects from all across no doubt display the ingenuity in modern architecture to provide for activities related directly to our lifestyle and interests. Whether it be a police station, a shopping mall, museum, memorial or a public park, all of them work towards evoking a sense of relatedness to the context and rendering environs that are visually pleasant and stimulating. They are sensitive in approach to balance utility of technology and new-age materials. Take the case of the recreation theme park in Kayseri,

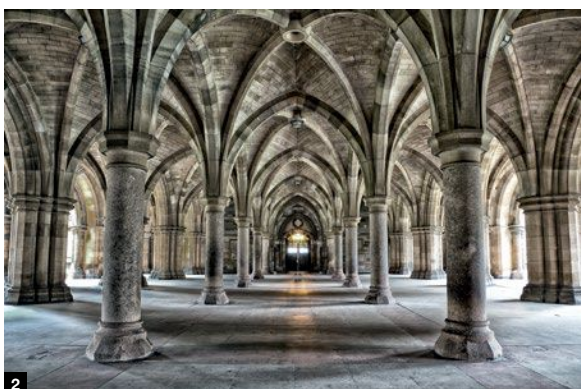
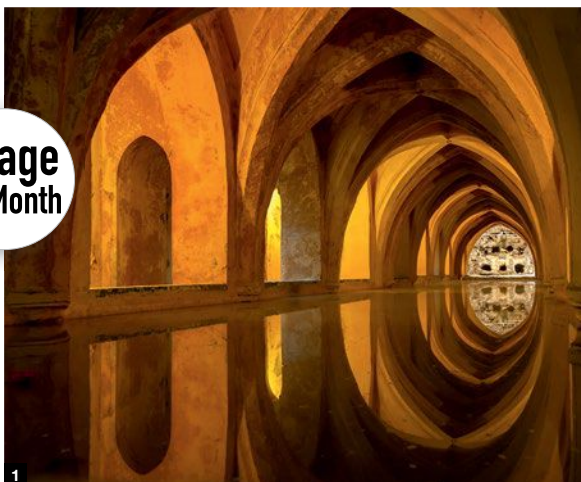
Turkey. It utilises an interesting skin cover of an abstract geometry of metal and aluminium panels. In the Museum for the Tribal Heritage, Bhopal, India, “the ecology of the space and built-form encompasses both nature and culture and it is from the metaphoric amalgam of the two and their balance that the building derives its architectural expression”. Going through the other published projects would also be as enthralling to gauge the design pulse in this typology.

Another section of the magazine remembers two stalwarts of Indian architecture who are no longer with us— architects Anil Laul whom we lost recently this year and Charles Correa who left us a year ago. Both of them though contrasting in approach, have respectively left behind a legacy of architectural thought which was practised by them with a zeal and passion and that would lead others to build upon.

“ Action is the foundational key to all success. ”

— Pablo Picasso

Image
of the
Month

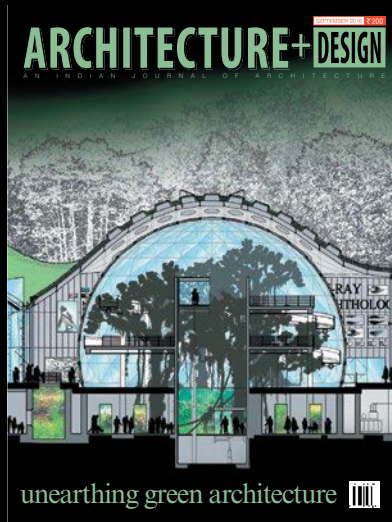


1. Bath in Alcazar, Seville, Spain

2. The dramatic and historic cloisters of Glasgow University, Scotland, UK

"Our architecture reflects us as truly as a mirror"

— Louis Sullivan



India's Most Authentic
Architectural Magazine.

**Over 30 Years of Invigorating
Architectural Journalism**

It portrays modern trends in design
planning, building technology,
research and development and such
other segments

Significant features: Project profiles,
conservation and environmental
issues, product information
and much more...

Exposure Media Marketing Pvt. Ltd.

To Subscribe,
CALL : +91- 0124-3083616
E-Mail : circulation@emmindia.com,
subscriptionsupport@emmindia.com

To ADVERTISE,
CALL : +91- 0124-3083617

Editor-In-Chief **SUNEET PAUL**

Architectural Assistant **NISHA KAPIL**
Senior Sub Editor **POTSHANGBAM JULY**
Secretarial Co-Ordinator **ISHA GUPTA**
Consultant – Editing **NIJITA NANDAN KADAM**
Creative Director **BIPIN KUMAR**
Assistant Art Director **JOHN ROY**
Senior Designer **SUJIT SINGH**

PRODUCTION

Senior Manager **RITESH ROY**
Deputy Manager **MANOJ CHAWLA**
Prepress Executive **DINESH MASIH**

SALES

Vice President International Sales **SANJIV BISARIA**, Tel: 0124-3083622, Mobile: +91 9811562019
Business Head **SONALI ROY** (New Delhi), Tel: 0124-3083617, Mobile: +91 9810640362
Senior General Manager **SUJIT BOSE** (Kolkata), Tel: 033-40042815, Mobile: +91 9831751126
Regional Manager **DEVEN SINGH** (South), Tel: 080-41120353, Mobile: +91 7406464314
Manager **GANESH DIXIT** (New Delhi), Tel: 0124-3083523, Mobile: +91 9711419392
Manager **SANDEEP BHANDARKAR** (Mumbai), Tel: 022-26041735/36, Mobile: +91 9899414369

ACTIVATION

Marketing Head **GOPI IENGAR** (Mumbai), Tel: 022-26041735/36, Mobile: +91 9820197710
Manager **SNIGDHA SHARMA** (New Delhi), Tel: 0124-3083516, Mobile: +91 9540085178

SENIOR MANAGER – HR
SONYA CAROLINE SHAH

MANAGER SCHEDULING
C P SREEDHARAN

ASSISTANT MANAGER – ADMIN
SUSHILA CHOUDHARY

EDITORIAL AND ADVERTISING OFFICE

Exposure Media Marketing Pvt. Ltd.
Plot No. 378-379, Second Floor, Udyog Vihar,
Phase IV, Gurgaon- 122015, Haryana
Editorial email: aplusd@emmindia.com, paul@emmindia.com

CIRCULATION AND VISIBILITY

National Head **ASHISH SAWHNEY** (ashish@emmindia.com)
Assistant Manager **AMANPREET KAUR** (amanpreet@emmindia.com)
Senior Executive **PRAKASH DARGE** (prakash@emmindia.com)

FOR SUBSCRIPTION

Call: Gurgaon: +91 9899414369
Mumbai: +91 22-26041735/36
Bengaluru: +91 8041120353
Kolkata: +91 9831751126
Email: subscriptionsupport@emmindia.com

Repro: Medienpartner International India/Burda Druck India Private Limited

INTERNATIONAL SALES & ADVERTISING

FRANCE/LUXEMBOURG
MARION BADOLLE-FEICK
Tel: +33 1 72 71 25 24,
marion.badolle-feick@burda.com

AUSTRIA
CHRISTINA BRESLER, Tel: +43 1230 60 30 50,
christina.bresler@burda.com

SWITZERLAND
GORAN VUKOTA, Tel: +41 44 81 02 146,
goran.vukota@burda.com

ITALY
MARIOLINA SICLARI, Tel: +39 02. 91 32 34 66,
mariolina.siclari@burda.com

UK/IRELAND
JEANNINE SOELDNER, Tel: +44 20 3440 5832,
jeannine.soeldner@burda.com

GERMANY
VANESSA VON MINCKWITZ
Tel: +49 89 92 50 35 32,
vanessa.vonminckwitz.denz@burda.com

MICHAEL NEUWIRTH
Tel: +49 89 9250 3629,
michael.neuwirth@burda.com

USA/CANADA/MEXICO
SALVATORE ZAMMUTO, Tel: +1 212 884 48 24,
salvatore.zammuto@burda.com

Exposure Media Marketing Pvt. Ltd.

Director **PARINEETA SETHI**
Publishing Director **SIMON CLAYS**
Chief Financial Officer **PUNEET NANDA**

EMM IS A COMPANY OF THE BURDA GROUP

Hubert Burda Media India Pvt. Ltd.
Burda Asia COO and India MD **MASSIMO MONTI**

Hubert Burda Media, Asia
CEO **FRIEDRICH SCANZONI**

Burda International GmbH
CEO **ECKART BOLLMANN**

DISTRIBUTED BY LIVING MEDIA INDIA LIMITED

**Exposure
Media
Marketing**
a Burda International company

Entire contents Copyright © 2016 Exposure Media Marketing Pvt. Ltd., Plot No. 378-379, Second Floor, Udyog Vihar, Phase IV, Gurgaon- 122015, Haryana, India. All rights reserved throughout the world. Reproduction or translation in any language in whole or in part without the consent of Exposure Media Marketing Pvt. Ltd. is prohibited. Requests for permission should be directed to Exposure Media Marketing Pvt. Ltd. Published by Xavier Collaco from Exposure Media Marketing Pvt. Ltd., Plot No. 378-379, Second Floor, Udyog Vihar, Phase IV, Gurgaon- 122015, Haryana, India. Printed at Thomson Press India Limited, 18/35 Delhi-Mathura Road, Faridabad, Haryana. Editor: Suneet Paul. Architecture+Design does not take responsibility for returning unsolicited publication material. All disputes are subject to the exclusive jurisdiction of competent courts and forums in Delhi/New Delhi only. Opinions expressed in the articles are of the authors and do not necessarily reflect those of the editors or publishers. While the editors do their utmost to verify information published they do not accept responsibility for its absolute accuracy. Unsolicited material is sent at the owner's risk and the publisher accepts no liability for loss or damage. All correspondence regarding advertising or editorial should be addressed to Exposure Media Marketing Pvt. Ltd., Plot No. 378-379, Second Floor, Udyog Vihar, Phase IV, Gurgaon- 122015, Haryana, India.

proud to co-create 25 million sq. ft.
of the finest office spaces.



together.



As India's leading corporate interiors company, Cherry Hill has formed strong relationships with the best of architects, designers and project managers – relationships based on consistent performance and trust, empathy and mutual respect. Together, we have made inspiring workplaces, delivering over 25 million square feet for clients that include Fortune 100 companies, hotels and hospitals. What we bring to the table is deep knowledge of materials and technology, design and ergonomics, user insights and industry best practices. Come to Cherry Hill, and experience the future of workplace.



Established in 1987 | Office occupancy services on GC basis including HVAC, Electricals, Civil & Interior Works, Networking, Plumbing & Fire Fighting | Imported Desks, Chairs, Carpets, Partitions, Acoustic Panels & Soft Seatings | Multiple ISO certified | Specialist in LEED-certified projects | Rated A1+ by CARE | Offices in Bengaluru, Chennai, Delhi-NCR, Hyderabad & Mumbai

Cherry Hill Interiors Limited, E-36, East of Kailash, New Delhi 110 065, India Tel: +91 11 49201900, 41626101 Fax: +91 11 49201900 www.cherryhill.in

Reflections



Yarroof

*Created by Dubai-based designer **Aljoud Lootah**, the installation ‘Yarroof’ is a geometric piece with a structure and components inspired by the traditional shore-fishing technique of the same name, which uses beach seine netting made of strong mesh. The installation consists of four octagonal frames, each with a nylon-rope pattern that reflects the shape and structure of a fishing net. Evoking complex Arabesque motifs, these patterns feature curved shapes created entirely with straight lines. ✚*





HITACHI



One Solution



For Customized Comfort.



Get customized comfort with Hitachi Set-Free Air Conditioning Systems.

Hitachi Set-Free with Top Flow and Front Flow Series offers you an impressive cooling capacity ranging from 6HP to 54HP along with an array of installation options, making it the obvious choice for a seamless cooling solution. Go ahead, customize comfort the way you want.

• Multiple Installation Options • Various Indoor Units for Customization • Wide Cooling Range

RESIDENTIAL



Split AC Window AC Concealed Splits VRF System

COMMERCIAL



Water-Cooled Chiller Air-Cooled Chiller VRF System Ductables Cassette Split AC

HITACHI
Dial-a-Care

3532 4848*
1860-258-4848

customer@jci-hitachi.com

*Prefix local city code/state capital STD code or 079.
*Available only in limited states.



Johnson Controls-Hitachi Air Conditioning India Limited
(Formerly known as Hitachi Home & Life Solutions (India) Limited)

Head Office: Hitachi Complex, Karan Nagar, Kadi, Distt.- Mehsana - 382727, Gujarat, India. Tel: (02764) 277571. Fax: (02764) 233425.

Email: sales@jci-hitachi.com; Website: www.jci-hitachi.in

North Region: New Delhi: 011-26991361/62/63/66; Gurgaon: 0124-3211974/75; Noida: 0120-2823138/39; Lucknow: 0522-3249561, 4048260; Chandigarh: 0172-5019213; Ludhiana: 0161-3223879; Jaipur: 0141-5115700/01. **East Region:** Kolkata: 033-22653383/9248, 22265647/7434; Bhubaneswar: 0674-2550147, 2552242; Patna: 0612-2344500. **West Region:** Mumbai: 022-2847061/19/21; Pune: 020-32943755; Nagpur: 0712-3222623; Ahmedabad: 079-26402024, 26401128; Surat: 0261-3110063; Indore: 0731-4050707. **South Region:** Chennai: 044-24935534/24953904; Coimbatore: 0422-3221343; Bangalore: 080-26851193; Hyderabad: 040-64549828, 27951027/28; Kochi: 0484-2779826/27/28.

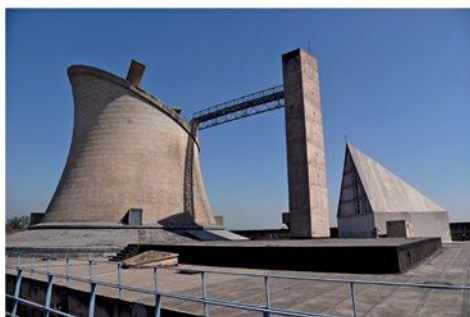
Updates

Recognition



Le Corbusier's architectural creation Capitol Complex in Chandigarh, has recently been declared as a world heritage site by the World Heritage Committee of the United Nations Organisation for Education, Science and Culture (UNESCO). The 40th meeting of the UNESCO World Heritage Centre

is the youngest city in the world after Brasilia to have got this coveted recognition. The Capitol Complex is truly now it's 'Crowning Glory'— as Corbusier used to refer to it. The Capitol is yet an unfinished project — with the Governor's Palace unbuilt along with some monuments; it's time to complete them while adhering to the UNESCO guidelines. Changing over to non-invasive hi-tech technologies for security – instead of the shabby CRPF tents, toilets and



was held in Istanbul, Turkey. The Capitol was part of a trans-serial nomination of Le Corbusier's works in seven countries. A first of its kind global nomination from seven countries – India, Argentina, Belgium, France, Germany, Japan and Switzerland, UNESCO listed Le Corbusier's architectural works for prestigious heritage list. Chandigarh

dirty linen are just some issues that need to be addressed. The biggest threat to its glory is the looming spectre of the proposed 35-storey highrise blocks popping up on its north-eastern side, blocking off the resplendent view of the majestic Shivalik range of the eternal Himalayas. *(Information source: Rajnish Wattas)*

Competition

Aditya College of Architecture (ACA), Mumbai, has announced its 4th edition of International Design Competition 2016. The past editions had participation of SAARC countries and in 2015, the competition was made open to 18 ARCASIAN nations, which received an overwhelming response of 100 entries engaging over 500 students from architecture schools from nine nations. In the current edition, the event aims to reach out to 118 member nations of UIA (International Union of Architects).

The objective of the competition is to provide a platform for discussion among viewpoints that may be poles apart, seek commonalities, discover and respect differences, and strengthen

a unique position of being local as well as global among students' communities across the globe. Such competition will facilitate sensitivity, ideation, innovation and creativity in conceptualising architecture.

reviewed, judged and evaluated by a panel of eminent jurors. The selected entries will be documented and shared with the participating students as well as with the global fraternity on the website and will get published at the end of the competition.

Undergraduate students of architecture all around the world are eligible to participate in the competition. Online submission of entries is open till November 8, 2016.

Post declaration of results, the winning participants will be invited to attend the college's annual festival "UDAAN" on December 16, 2016. They will be invited to present their work

during the festival and thereafter be felicitated with the prize.

To know more, visit: adityacampus.org/id



This year 'The Architecture of Boundaries' is the theme for design expressions. The bank of architectural expressions thus generated will be

SIEMENS

BSH Group is a Trademark Licensee of Siemens AG.



For a less ordinary kitchen experience.

Bring home the innovative Siemens iQ700 built-in kitchen appliances.

siemens-home.bsh-group.com/in

Welcome to the world of Siemens. Here functional doesn't mean boring and outstanding becomes the standard. Introducing the intelligently designed, stunning new iQ700 built-in range. Its clean lines will seamlessly coordinate with the rest of your space, offering you the perfect best-in-class innovations that stem from our German technology. Making your kitchen, a space that boasts of extraordinary functionality and transforms cooking into an effortless delight. All for a less ordinary kitchen experience.

Hobs | Hoods | Ovens | Microwaves | Coffee Centre | Refrigerators | Dishwashers

Interior
innovation
award
2015
Winner

GERMANY'S
NO 1
BRAND OF BUILT-IN
APPLIANCES

10 years
spare part
availability

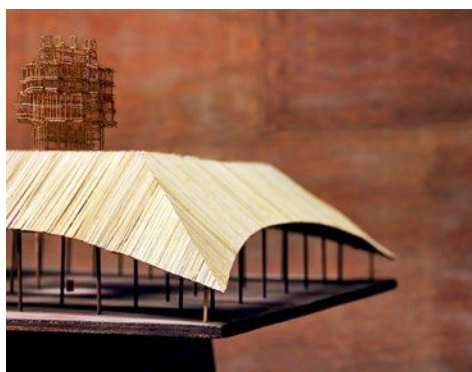
Siemens. The future moving in.

Call us on Siemens toll free number at 1800 209 1850 or drop an email at service.in@siemens-home.bsh-group.com
Retail Stores: Delhi | Punjab | Rajasthan | Uttarakhand | Uttar Pradesh | Mumbai | Pune | Gujarat | Goa | MP & CG | AP |
Karnataka | Kerala | Tamil Nadu | Kolkata

Updates

Fast Track Architecture

Australia-based Naomi Milgrom Foundation has released the MPavilion 2016 design by Indian architect Bijoy Jain of Studio Mumbai. Describing the process as 'Lore', his design reflects his ongoing interest in the act of making and cultural and human connectedness. The pavilion will be 12m high, made of bamboo with a roof encased in earth representing the Australian landscape. Adorned by an elaborate tower similar to a 'tazia' used in Indian ceremonies, the pavilion is in itself a gesture reflecting the firm's interest



in the connection between earth, sky and the shared gravity that connects all humans.

"The idea is not to guide observers

but to allow discoveries through visual layers of thinking, making and seeing," said Jain. He further said, "I wanted to create a space that connects the entire culture of the land. The tower or 'tazia' is an imaginary building for a saint, so it is otherworldly, and through it you can see the stars, the sky and other dimensions. I want the MPavilion to be the scaffolding that provides a creative space that suspends visitors between earth, ground and sky."

To know more, visit:

www.mpavilion.org

Trade News

STYLAM Industries Ltd, a manufacturer of high pressure decorative laminates, has been honoured with 'India's Greatest Brands & Leaders 2015-16' award in the laminate and adhesive category in a ceremony held in Mumbai by URS International, the leading media and research services organisation. Research for the awards was undertaken by United Research Services International and PwC were the process reviewers for the awards. More than 300 corporate heads, business leaders and distinguished guests were present on the occasion. Manav Gupta, director of Stylam Industries Ltd, said "I am gratified that our effort to provide a trustworthy and respected brand has been widely appreciated by the nation. The credit for this achievement goes to the highly passionate team of Stylam, our dealers, distributors and various other stake holders. It is as a result of this unwavering support and hard work of team Stylam that today we are proud to be working with the who's who

of the industry, in terms of best channel partners and top global and national customers."

Stylam Industries Limited is one India's leading



laminates, adhesives, exterior cladding and flooring manufacturing companies and has more than 600 imported designs and textures. Stylam manufactures and markets

eco-friendly laminates for Indian as well as the global audience under its global brand "Stylam".

Kajaria Ceramics, one of the largest manufacturers of ceramic/vitrified tiles in India, recently hosted an event to introduce a tile brand titled 'Eternity' in Mumbai. The event started with a motivational video by the Kajaria Group. This was followed by Pankaj Sethi, COO of the company, giving an insightful speech on how Eternity came to life and evolved to become a premium tile brand, what



is its current scenario and what are its future prospects. Amit Jain, general

manager of Kajaria Group, extended a warm welcome to all and introduced each member of the Mumbai Eternity team. Designed by European designers, the brand is in tune with class and style of the group. These tiles have an aesthetic appeal that came to life at the launch. All the channel partners, business associates and members of the core team of Kajaria attended the event.



Extremely Durable



Weather Resistant



Corrosion Resistant



Eco Friendly



Easy to Install



Project: Commercial Building
Location: United Kingdom (UK)
Aspect: Quartz Zinc®
System: VMZ Standing seam

Innovative façade solutions to meet your design aspirations.

Whether it's your home or a commercial space, let your façade create that best and lasting first impression with innovatively engineered VMZINC pre-weathered exterior cladding panels. Titanium Zinc is naturally corrosion-proof and stands the test of time and weather. Come rain, shine, hail, wind VMZINC withstands them all, with panache. It is this enduring quality that lends your projects a distinctive flair that makes them future-ready. So go ahead, and set free a world of possibilities.



www.vmpzinc.in



Umicore India Pvt. Ltd
Mumbai | Delhi | Bangalore
vmzinc.india@ap.umicore.com
☎-022 66275643

façades fabuleuses
Fabriqué en France

VMZINC
passionate about zinc



Updates

Trade News

Asahi India Glass Limited (AIS), one of the India's leading integrated glass companies, has expanded its existing portfolio in the architectural segment with the introduction of a new range under its Ecosense range 'Excel'. The range is a specialised green building glass with advanced solar control and low-E properties. This glass product comes with thermal insulation and solar control performance. The range can be used in a number of applications, such as structural glazing, facade glazing, bolted systems, curtain walling and fenestration applications, insulated glazing units, laminated double glazed

units, laminated, heat treated and bent glazing units. The two series in which Ecosense Excel is available are Pearl and Sparkle. The shades available in these two series are blue and green.

"Amid an increasing demand for high performance glass to enhance a Green Building's aura and efficiencies, AIS is continuously innovating to transform the living and work places of consumers. AIS' eco-friendly offerings under the umbrella of Ecosense range of high performance glasses are aligned to the green revolution. Enabled by technological upgradations in the glass processing technology, AIS is innovating new

single-glazed and double-glazed products with the best 'GREEN' parameters," said Vikram Khanna,



COO - Architectural Institutional Business, chief marketing officer of Asahi India Glass Limited.

To know more, visit: www.aisglass.com

Exhibition

Housefull, a luxury home decor exhibition, will be held on October 15-16, 2016 in Delhi. Conceptualised by Ramola Bachan, the two-day exhibition will showcase some of the top interior brands and designers like Casa Pop by Raseel Gujral Ansal, Bird Fireplaces, Elementto Wallpaper, ThreeSixtyDegree, Sahil & Sarthak, Arushi Arts, Rameshwaram Silver Furniture from Udaipur, Murano Glass, Woodidea Flooring, Ansa Interior Designers, Windemere and many other leading brands. This home decor show will showcase the latest trends in furniture, home accessories,



artworks, soft furnishing, lighting, rugs, outdoor furniture, gift items and much more. The exhibition target to attract visitors from various fields, including architects, interior designers, bulk buyers and real estate companies.

"It is exciting to see the quantum of talent and entrepreneurial spirit that proliferates in our country and gratifying to have an opportunity to be part of HouseFull exhibition," said Ramola Bachchan.

HouseFull has been successfully organised and promoted by Ramola for two consecutive years' now.

Awards



US-based architecture firm John Portman & Associates has been honoured with the "China Tall Building Legacy" award for its project 'Shanghai Centre'. The project was designed 30 years ago in China .

This award recognises the proven value and performance during the period of time from China's economic opening in 1978, giving the opportunity to reflect and acknowledge projects which have

performed successfully and achieved sustainability at the highest and broadest level.

Jack Portman, vice chairman for both John Portman & Associates and the real estate development firm Portman Holdings, said, "Shanghai Centre shows the joint expertise of the two Portman firms to deliver beautifully innovative solutions that are also very pragmatic and feasible – the result of the ability to combine development vision with architectural creativity." ☩

Häcker

kitchen. germanMade.

Luxury of German Engineering

...in your home



**100% Customized Modular Kitchens
From Germany**

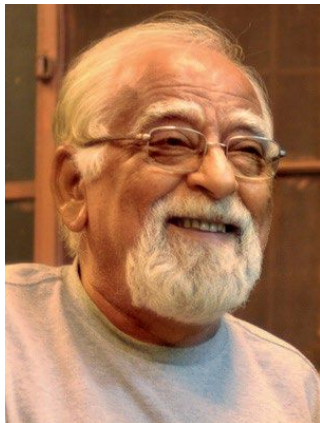
DELHI	LUDHIANA	JAIPUR	AHMEDABAD	MUMBAI	HYDERABAD	BENGALURU	KOCHI	COIMBATORE	CHENNAI	INDORE
9313134488	9815048222	9414058718	9879538977	9322987229	9700058285	9740999350	9895058285	9500210555	9442081111	9425803599

E-mail: info@haecker-kitchens.com

Website: www.haecker-india.com / www.haecker-kuechen.com

Anil Laul (1944 – 2016)

“I am in competition with no one. I run my own race at my own pace.”



Anil Laul

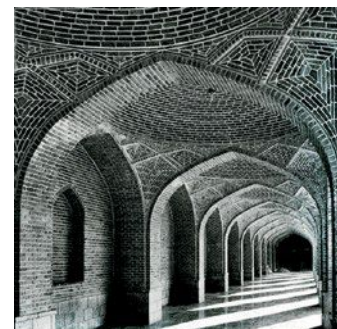
The architecture fraternity mourns the loss of reputed architect and urban planner Anil Laul on his passing away on 5th July 2016 at the age of 71 years.

Prof Laul was noted for his sensitivity to the needs of the poor and for his use of traditional methods and materials dove-tailing the contemporary elements into his designs. He was the principal architect of the Anangpur Building Centre and Academy for Sustainable Habitat Research and Action (ASHRA), Faridabad.

He was a member of a number of advisory committees such as, HUDCO, Indian National Trust for Art and Cultural Heritage (INTACH), Haryana Urban Development Authority (HUDA) and such others. Laul had been involved in various teaching/hands-on training programmes and had also worked with architects like Joseph Allen Stein, Ram Sharma and Kanvinde. His design concepts speak of clarity of thoughts and intricate detailing. His works often incorporate tradition with contemporary style. He built low-cost, low-energy, climatically suited and aesthetic houses with recycled waste for people's real needs keeping the human scale alive. While constructing his own house at Anangpur, he practised the same concepts he talked about and popularised.

Some of his significant works include –

- Jaunapur slum resettlement in Delhi
- Anangpur Building Centre and Residence
- Katha school for slum children
- Pushkarna residence in Chandigarh
- Jhalawar Housing in Rajasthan
- Lucknow Housing Uttar Pradesh
- Prince Ashokraje Gaekwad Pre-school in Gujarat
- Bhartiyaam Gram in Delhi
- Bhoomiheen camp in Delhi
- Exposition Centre at Bengaluru
- Kota General Hospital in Rajasthan
- Vedaville Township in Jamaica



- “ For every project that I designed, built and learnt from, I had a lurking feeling that yet another major area needed to be re-examined, re-rationalised and further simplified.
- Architecture and human settlement design is not about mere building bye laws and saleable floor area on an individual parcel of land or its high values.

It is an all encompassing discipline that virtually impacts every aspect of lives and the very world we live in.

- To my mind, re-search is simple and requires a blend of nature's bounty, traditional wisdom as well as the technologies developed by man. ”

Anil Laul... ✚

Check out the entire product range!
Visit www.supreme.co.in
& download the product brochure.

Supreme®
People who know plastics best
TOTAL PIPING SOLUTION

Every residential township we launch is more than just an aesthetic piece of architecture. A reliable **drainage** and **plumbing** system also counts equally.



MORE THAN
6500
PRODUCTS



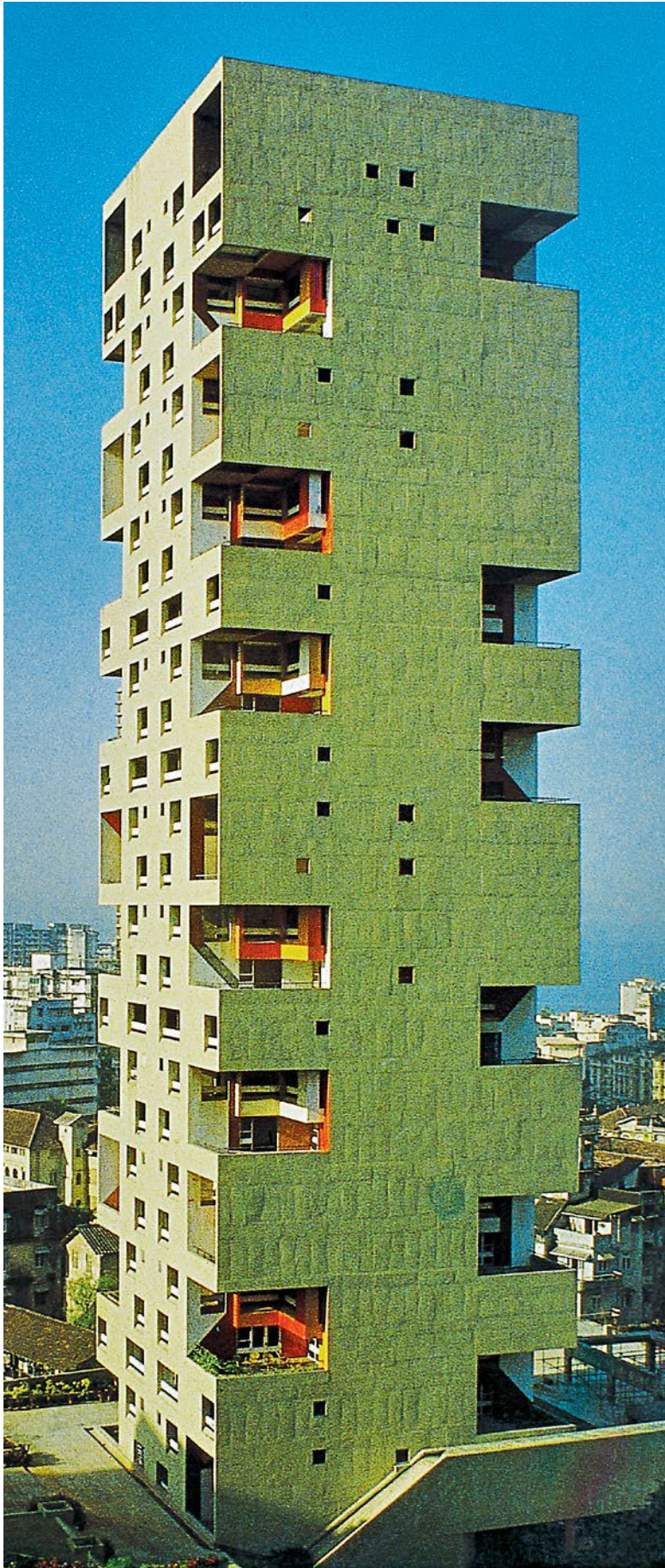
Supreme - one name I can rely on with my eyes closed !

As builders, it is our responsibility to ensure that every project, every space is as beautiful and functional and dependable from inside as it is from outside. Builders spend lakhs in beautifying their dream projects, but often neglect the finer points like the plumbing & drainage system that goes inside the walls and floors. So no matter what the size of my project, I only rely on the most trusted name in the industry – "Supreme". A brand you can trust with your eyes closed.

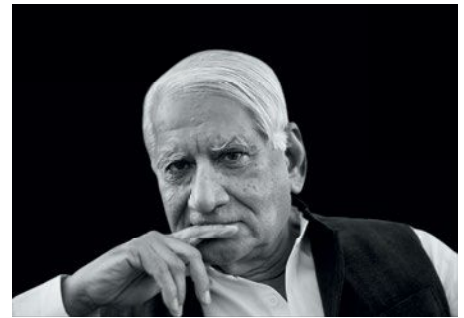
Salient Features: Excellent resistance to corrosion and chemical attacks | Most suitable for carrying drinking water without any leaching | Lightweight, easy to assemble | Tough and rigid | Simple and leak proof joints | Better insulation properties | Fire resistance | Wide range | Maintenance free | Designed to last for ages | Most cost effective



In Remembrance...



Kanchanjunga Apartments, Mumbai



Charles Correa (1930–2015)

Suchitra Deep

It is a year since we lost Charles Correa. The news of his passing away stunned architects in India, and in other parts of the world. He always seemed so alive, radiating energy and enthusiasm, that to imagine a world without him seemed almost sacrilegious. Correa was amongst the greats – a gifted architect, a far sighted urban planner, an insightful thinker and an exceptional communicator. In an extraordinary career spanning from the post-Independence era to the 21st century, he had more accomplishments to his credit than any other Indian architect. His was an architecture that was quintessentially Indian, but to restrict his achievements to the country of his birth would be a travesty, because his many accomplishments were hardly restricted by location.

An Early Genius

To get a glimpse of Correa's brilliance, we need to look at just one detail – the fact that he could talk (and did talk) right until the end of his life about the first major project he had designed as a young architect in his independent practice, the Gandhi Sangrahalaya. In its elegant, spare lines, the Gandhi Sangrahalaya was akin to the *khadi* cloth that Gandhiji wore and popularised – simple, eminently suited to the weather,

and when one looked closer, beneath the starkness of the cloth, one saw the complex texturing and grain of the warp and weft. Similarly, the museum looked simple and unpretentious at first sight, but if you looked beneath, you saw the sophistication of thinking that went into its crafting. Simplicity of this sort can only be achieved with great effort, but Correa had the gift of making it all seem quite effortless.

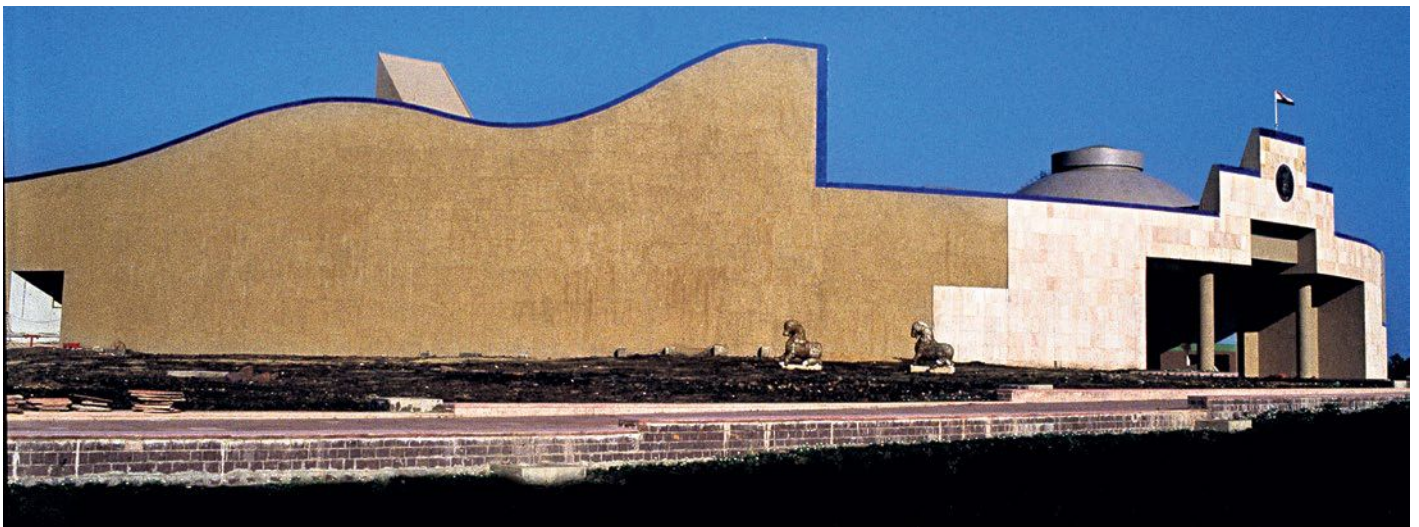
It is a rare architect who has the

that down all these many millennia, it has exerted such extraordinary power on us and on the architecture we build.' Perhaps the greatest tragedy of contemporary architecture in India is the failure of architects to respect and respond to this wonderful gift of nature. India's tropical climate gives us the great advantage of having a perfectly happy existence under the sky so long as some shade is available. This can help us build more economically, more

Correa strongly endorsed the idea of working in the flexibility that would allow for incremental growth and changes over time, but the underlying grammar was strong enough to accommodate the changes without itself being altered. How different from other architects who cannot tolerate the slightest of alterations in their buildings.

Agents of Change

Perhaps this idealism came from his experience as a young architect in a



Vidhan Bhavan, Bhopal

maturity to produce such a sublime piece of architecture so early in their career. Most architects would cringe at having to display their first work. More remarkable perhaps was his ability to stay true to these principles right from the beginning to the end of his working life. Architects often buckle to the demands of a fickle patron or tight budgets, but for the five decades and more that Correa practised, he seldom swerved from that commitment.

The museum exemplified many of the ideas that he held dear all through his career. Time and again, he came back to the idea of open to sky spaces. As he put it, 'The sky is the source of light, which is the most primordial of stimuli acting on our senses. And across its face, every day, passes the sun – the origin of 'Life' itself. Small wonder then that man has always perceived the sky above to be the abode of the gods, and

in connection with nature, and most importantly, Correa saw how this could be used to create good habitation for the poorest in our society.

In his recognition of this, and in his consistent propagation of similar ideas, Correa was first a humanist and then an architect. Whether it was the Belapur housing or the practical ideas of how pavements could be used in multiple ways, underlying all these ideas was a concern for improving built environments for everybody, no matter how indigent they were. If financial constraints limited the scope of how much could be physically constructed, the skillful manipulation of built and open spaces in his designs ensured that these buildings were never dismal or demeaning. The vindication of these ideas can be seen in present day Belapur where open to sky spaces have endured despite extensive renovations by the occupants. In fact,

newly independent country, perhaps it came from his respect for Gandhiji's ideas, perhaps from his admiration of Corbusier, someone who approached architecture with an almost messianic zeal. Regardless of where it came from, it informed his attitude to architecture and more importantly, to planning. As the chief architect to CIDCO in the early sixties, he was responsible (along with Pravina Mehta and Shirish Patel) for the recommendation to decongest Bombay with the creation of a new city across the bay. There is such a remarkable pragmatism, compassion and intelligence in those recommendations that one can only rue the shortsightedness of an unenlightened government. They lost an invaluable opportunity to make something wonderful out of that city.

In this perhaps, Correa was cast in the same mould as the modernists who

saw themselves as being something more than just architects, more as agents of change. Wherever he could, he exerted his intelligence to ferret out better solutions for problems, whether it was the pursuit of practical climate control in all his projects, or his interest in pressing urban issues (especially how to deliver the greatest good to the greatest number of people) or the quest for sensible housing that would be responsive to the needs of the users. This meant that his buildings were possibly not au courant, or 'stylish'; they were often completely contrary to conventional wisdom, and yet, what wonderful architecture resulted from these exertions. When every mall design centred around the same narrative – an air conditioned box with artificial lighting recreating an ersatz urban atmosphere – Correa incorporated open streets and squares at the Salt Lake City mall in Kolkata. When planning for research laboratories meant creating windowless spaces crammed with scientific equipment, Correa created a green campus at the Jawaharlal Nehru Centre for Advanced Scientific Research in Bangalore, where 'our modern day *rishis* could step into the forest for wisdom and enlightenment'.

Not a Movable Feast

This was typical of Correa – his work in India was completely rooted in its' philosophy and culture. He often said that architecture is not a 'movable feast' that can be recreated in the same manner anywhere across the world.

His buildings always looked like they belonged to the place where they were built, because he built with the climate and the context in mind. Vibrant colours, large overhangs, soaring atria, courts, terraces and pathways were the hallmark of his architecture because most of his work was in a tropical or Mediterranean country, and these features grew out of the imperatives of that climate and culture. When he built in temperate climates, the details changed, but the

the same – of bringing people together so they could bounce ideas off each other. The provenance was the same but the manifestations were completely different. (Imagine transposing one set of ideas to an entirely different context – and ergo – you get the sort of architecture that is prevalent across the world today.)

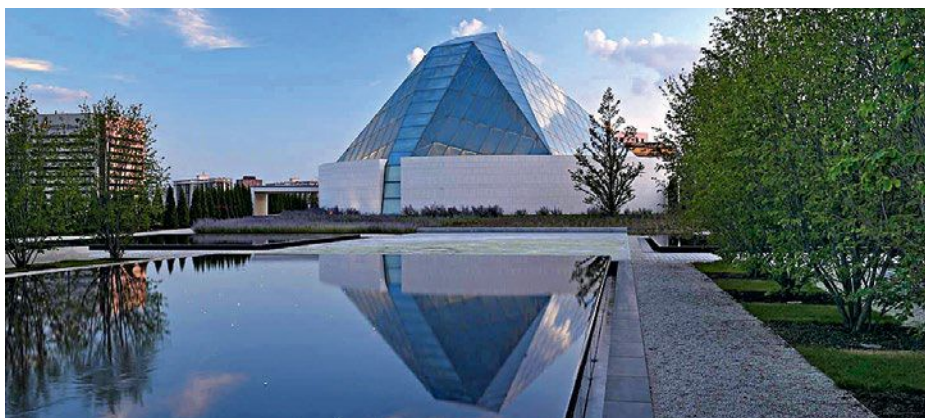
Architects tend to peg themselves at a level of problem solving or of providing aesthetic solutions that work only at the



Gandhi Smarak Sangrahalaya, Ahmedabad

basis for design ideation always grew organically from first principles. Correa did not believe in 'transfer', he believed in 'transformation'. Therefore, while the glass roofed atrium at the MIT Brain and Cognitive Sciences Complex at Boston was a closed structure, and the courts at the JNIDB at Hyderabad were open to sky, the purpose behind them remained

surface, and the designs consequently reflect the pedestrian nature of their celebration. Correa's work, on the other hand, was never pedestrian, never just an assemblage of solutions to a set of problems. Since his approach was never at a mundane level, his solutions were equally extraordinary. His architecture was also a search for a higher mystical truth and he was deeply influenced by the way the ancients established a connection between man and the universe. He came back to this quest repeatedly in his designs. Sometimes it was seen as directly as in the plan of the Jawahar Kala Kendra at Jaipur which was based on the *Vaastupurusha mandala*; sometimes it was through light that drew your eye upward and beyond, as in the truncated light cones of the Salvacao Church in Mumbai; and sometimes it was as elementary as establishing the connection between earth and sky



Ismaili Centre, Toronto

through the clever placement of a court, as in his own home at Bangalore.

A Different Approach

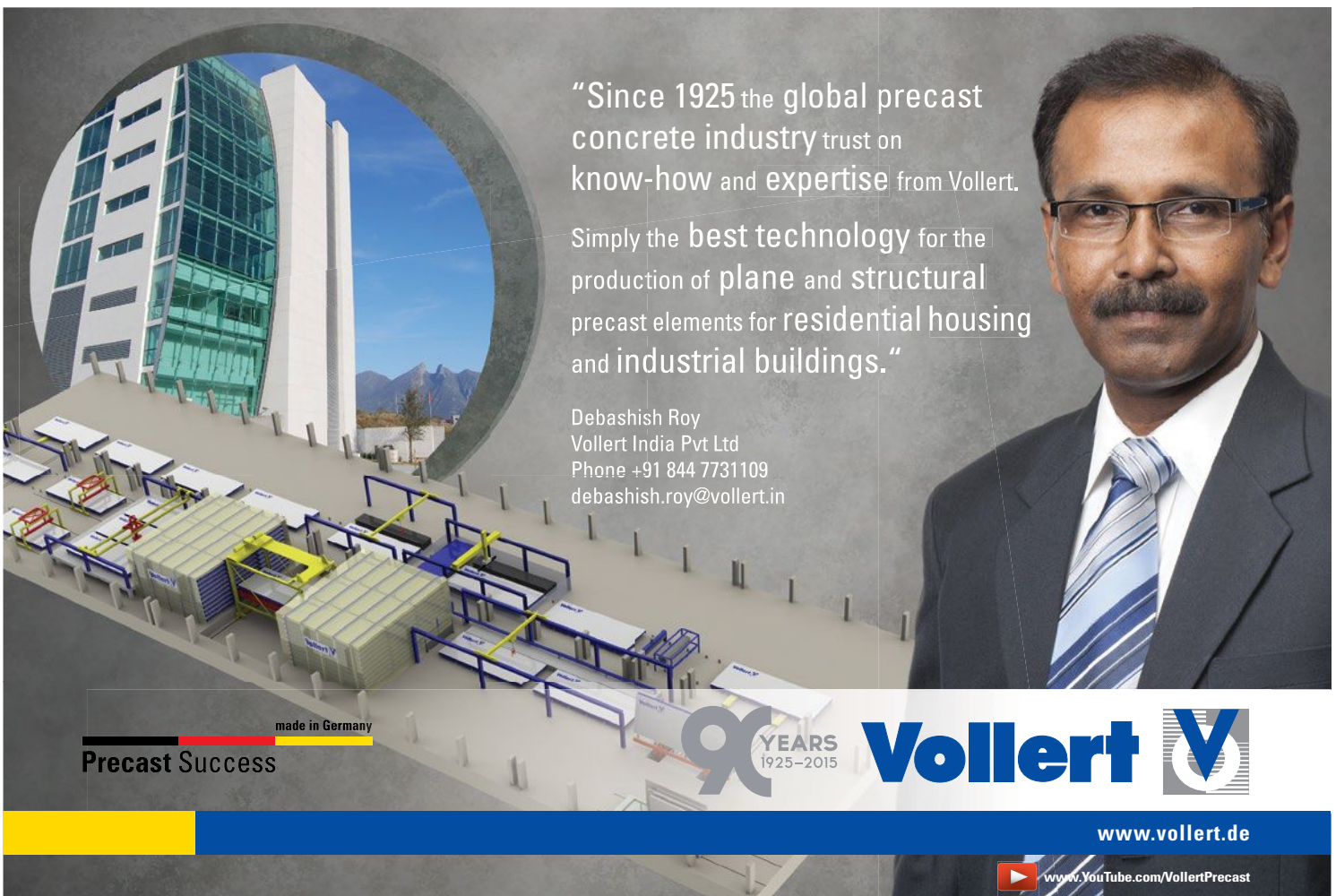
There was an effortless elegance to his work. He worked with simple materials and details but it was the coming together of space, light and nature in a wondrous amalgam that made it beautiful. When he built for the elite, his palette of materials remained quite the same as when he was designing housing for the middle class. Whether it was the Dona Sylvia at Goa, or the Kovalam Beach Resort at Thiruvananthapuram (both five star hotels), the sense of luxury came from the scale of the spaces, from the way the built forms sat within the landscape, from the way they connected to the elements, and not from the employment of expensive materials. He never concealed his contempt for the superfluous aesthetic that was imposed as an afterthought in many architectural works. For him, the 'interior' was not a separate entity from the 'exterior' – they were different facets of the same entity.

As an extension to that attitude, art and craft were as much a part of his buildings as the other elements, never an 'add on'. Whether it was the marble mural by Henry Hodgson on the façade of the British Council building in New Delhi, or Mario Miranda's gently humorous sketches on the walls of Panjim's Kala Kendra, or the surreal, trompe de l'oeil paintings at the Cidade de Goa (also at Panjim), art was blended into his architecture to heighten it, to bring layers of meaning to it and elevate it to a different plane. At the Cidade, the painted walls are so cleverly juxtaposed with the spaces that at times one wonders where reality ends and fantasy takes over. As he put it, '(These are) a highly fragmented, kaleidoscopic series of visual sensations and architectural spaces. What is real? The object? Or the image? Or the image of the image of the image?'

The Cidade de Goa also showed another trait in Correa's work that sprang out at you at unexpected moments – his

wonderful sense of humour. Whether it was the fleeting glimpse of a cassock behind the colonnade at Cidade (where was the priest going to in such a hurry?) or the custom designed chairs for the Bay Island Resort at Port Blair (or the 'Nico' bar at the same resort) or the sculpture of Einstein pondering the mysteries of the universe at IUCCA at Pune, you could sense that Correa was having a great deal of fun designing all of these. This also brought a sense of joy to his buildings, a magic of discovery as you moved through them, never knowing what would come next.

Part of that magic came from his understanding of the human affinity for movement along a path, where subtle variations of level, axis, light and atmosphere can create as much of an impact as the architecture of the building itself. He said, 'A path is the essence of our experience (as) it represents a sacred journey, a 'pradakshina', a pilgrimage.' Whether it was the meandering pathway through



“Since 1925 the global precast concrete industry trust on know-how and expertise from Vollert. Simply the best technology for the production of plane and structural precast elements for residential housing and industrial buildings.”

Debashish Roy
Vollert India Pvt Ltd
Phone +91 844 7731109
debashish.roy@vollert.in

made in Germany

Precast Success

9 YEARS 1925-2015

Vollert

www.vollert.de

www.YouTube.com/VollertPrecast



Champalimaud Centre, Lisbon

the courts at the National Crafts Museum at Delhi, or the formal axis that ran right through the building all the way to the rear garden wall at the British Council, or the gently sloping path at the Champalimaud Centre at Lisbon that seemed to lead to some mystical destination, the path becomes as important as the structure itself. And in Correa's case, he took it a step further by punctuating the path with platforms, and 'non-buildings' such as the sunken courts at the Bharat Bhavan in Bhopal or the Gandhi Darshan in Delhi.

Beyond Architecture

If his achievements as a designer were not enough, he was also a gifted orator, writer and filmmaker, and through these media, he was as effective a communicator as he was through his architectural work. He was direct and fearless in his speech, and never one to shirk from calling a spade a spade. In India, this is hardly an asset, or a trait that could work well with prospective clients (least of all the Government), but there was such practicality and sense in what he said, and such sincerity of intention, that one could never take it amiss. While his commentaries were always backed by his dry wit, his writings were equally infused with that incisive intelligence and humour. He wrote as he spoke – every word communicated itself to you with the same fervour and passion – but there was more to it. He picked from a vast canvas that spanned from music to films to art to philosophy. He could jump with felicity from Hindu philosophy to Hindemith, from De Sica to de Chardin. This catholicity meant that his worldview was not restricted to architecture alone,

and when he spoke, you knew that it was with the wisdom distilled through several filters.

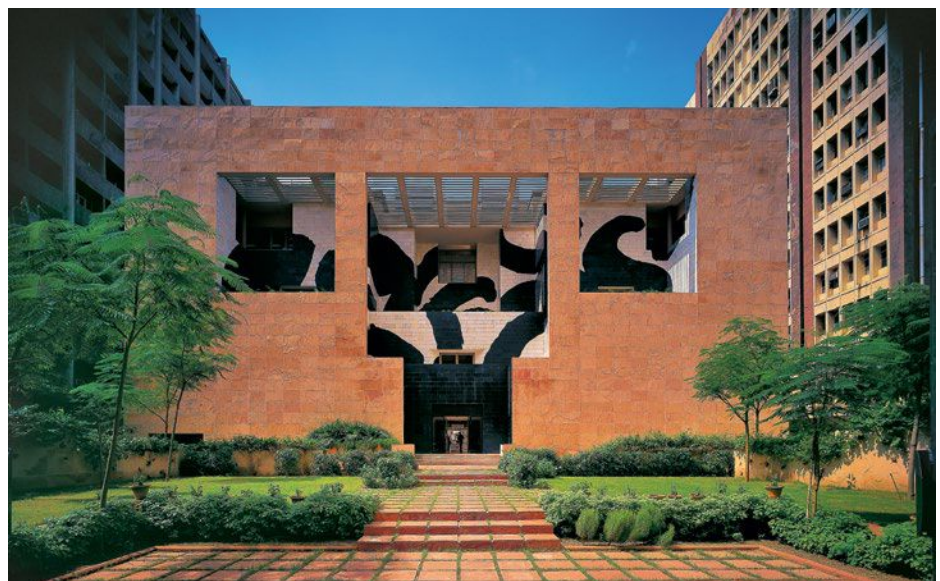
A Vast Legacy

Great architecture has the uncanny ability to move both the highest and the lowest denominator of users because it works with the instincts that are hardwired into us as human beings – our intuitive response to light, nature, and materials; the way we move through spaces; and our instinctive search for something more elevated than us, for a greater truth, even in the way we occupy a space. Correa's work had that quality.

were rejected (always to the detriment of that project), and nowhere are the consequences more evident than in the tragic unravelling of his beloved Bombay. Perhaps the only vindication of his untiring efforts to make architecture work as an 'agent of change' would be to implement his ideas in the coming decades when India is slated to urbanise at a furious pace.

Post Script

In a public function at Bengaluru that he attended just a few months before he died, his voice was hoarse and he needed a walking stick for support, but his beautiful spirit was undimmed. He was as gung-ho as ever, taking potshots at ineffectual architects, corrupt politicians, the bovine bureaucracy. He showed us a film on the ethereal Champalimaud Centre for the Unknown, and a shot that stuck in my mind was of the pathway that led between the buildings to the sea beyond, to the place where Vasco da Gama set sail into uncharted waters



British Council, Delhi

He strode like a colossus on the architectural firmament and he leaves us a vast legacy. Few others could match that ability to work across scales, across locations, across degrees of difficulty. Correa was someone far ahead of his time, and sometimes that acted against him. Some of his most seminal ideas

many centuries ago.

I could imagine Charles Correa walking up that path, and disappearing into the great unknown – as he did soon after. ☩

Suchitra Deep is a co-founder at Firm Terra Architects, Bengaluru.

LED compact floodlights with rotationally symmetrical or flat beam light distribution, protection class IP 65. Their long service life, choice of colour temperature and wide range of outputs will convince you.
Regional Manager Asia Pacific · International Projects · André Ng
10 Raeburn Park #02-08 · Singapore 088702 · Phone +65 6692 8029
Fax +65 6692 8001 · andre.ng@bega.com · www.bega.com

BEGA

Das gute Licht.
For finer nights.





The Reichtag Dome, Germany

Society of a particular region/country is represented and reflected through the architecture of its public buildings...

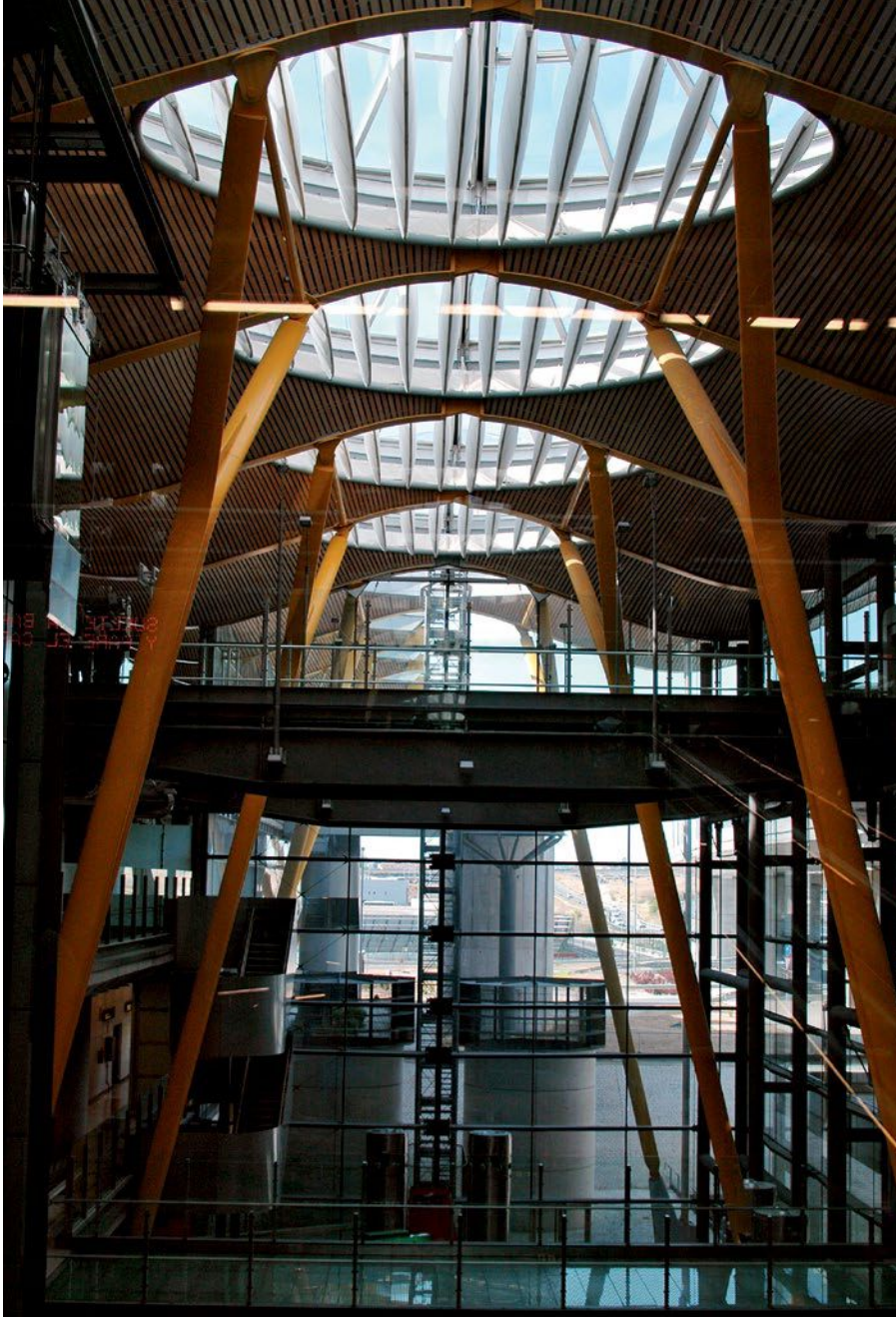
Ar Sourabh Gupta

Public Architecture typically relates to public spaces and buildings that are built for the public by the government of the state. Money collected through taxes allows government to maintain these public spaces. Public Architecture entails a broad category of infrastructure projects, such as railway stations,

airports, metro rails, bus terminus etc.; public buildings like municipal buildings, museums, schools, hospitals, exposition centres, sports facilities, etc.; and public spaces, such as riverfronts, parks, squares, beaches. Public Architecture may also extend to master planning, urban design and urban rejuvenation

projects. All in all, public architecture is for public use with unlimited or limited access.

The society of a particular region/country is represented and reflected through the architecture of its public buildings and public spaces. The aim of public spaces is to create a built environment that serves its intended



Madrid Airport



individual function, while collectively fostering belonging, maintaining the character of the city and giving a sense of identity. Since public architecture serves the public over a period of time, it must also have an element of timelessness to ensure its longevity. While the above holds true for the discourse of the nature of public spaces in yesteryears, the challenges and demands of today's world are somewhat different in nature.

Identity: Due to globalisation, public spaces tend to get dominated by a multitude of global brands such as McDonalds that ensure that spaces around the world start looking alike. Hence, the question of retaining the region's identity becomes a crucial one.

The diverse backgrounds of the city inhabitants, also give rise to the challenges of pursuing a cohesive cultural identity, historical legitimacy, and the dialogue between global and local evolution.

Density: In order to handle the population and the traffic of its users vis-a-vis the speed of consumption, public architecture of today needs to integrate mobility within its infrastructure and architecture.

Sustainability and Smartness: The role of an efficient public transportation system, based on multiple mediums and scales, that is convenient and connected is vital. Public infrastructure must ensure the reduction in time, cost and pollution to encourage a commuter-based society that can delay the depreciation and degeneration of public spaces.

Experiences and Narrative: Apart from the rest, while addressing the above challenges, public spaces must take into account the visual experience and narrative of the space that makes it interesting and engaging for the city dweller. The spaces must evoke a sense of pride and responsibility.

Explained below are a few successful public projects from around the world that have responded to the

above challenges effectively.

IJburg, Amsterdam: Netherlands, the tiny water hemmed nation, has coped phenomenally well with the density of their population. The man-made islands of IJburg on the outskirts of Amsterdam, near the Schiphol airport are an exemplary example of this.

IJburg is a cluster of artificial islands that serve as a residential neighbourhood in the IJ lake. These 7 islands are planned to provide

IJburg is designed as a 'Collage' city where all types of housings exist – from low income social housing, rental units to water front homes for sale. Despite the urban control, every façade tells a story, in a way it hasn't been told before. Different building typologies with varied flavours make statements in themselves, yet sit interestingly in conversation or argument with their neighbours. The development of this township shows the evolution of the

undeveloped land where wholesale meat market and slaughterhouses existed during Napoleon's time, Bernard Tschumi was the chosen architect who proposed a rather avant-garde scheme.

Contrasting to the other entries of the competition, Tschumi's design did not use nature and landscape as the main concept of the park, instead he envisioned a public park where the nature and the man-made co-



IJburg, Amsterdam

space for 30,000 inhabitants, 18,000 dwellings, offices and recreation areas. IJburg has its own independent city extension, with its facilities for working, shopping and recreation. It has been set-up to address some crucial urban issues. First is to provide an abundance of different apartment and housing types to growing city population.

mindset of the bureaucracy to break away from the now antiseptic uniform spatiality of social housing to accept a more soulful, diverse cultural mix.

Parc de la Villette, Paris: Parc de la Villette is the largest urban cultural park of Paris. Originated as part of an international competition, in 1982-83, to revitalise the abandoned and

exist in a dialogue or confrontation. Interesting and ambiguous striking red colour pavilions dotted the entire park campus and induced a sense of exploration and interaction with an element of play.

The pavilions served as points of reference through the park and allowed the visitors to retain a sense of

direction. Almost thirty years ago, the park was opened to public and it still is one of the most visited and used parks of Paris.

Barajas International Airport, Madrid:

Award winning Barajas International Airport's terminal T4 is one of the most well-designed transportation hubs in the world. This is because the sheer scale and complexity of the challenge of air and land approaches have been beautifully resolved in the

sequence of spaces created for both arriving and departing passengers are truly remarkable in their volume, ventilation, light and aesthetic.

Intuitive colourful way finding gestures along with a striking bamboo roof structure that features light wells of natural light, make the travel experience for any passenger a memorable one.

Olympia Park, Munich: The Olympia Park in Munich, Germany, constructed for the 1972 Summer Olympics which was sports complex that served as one until 2005 when the Allianz Arena was constructed. The park now exclusively hosts cultural events of social and religious significance.

The architects wanted to break away from the heaviness and bulkiness of a traditional stadium design and hence proposed a cloud like veil that combined stainless-steel cable nets and acrylic glass. The park truly is a masterwork of tensile architecture. In the 70's, an experimentation of this nature had never been done on such a massive scale before.

The sports park continued to serve as a national icon of German engineering. Even today, decades after its completion, the form, the structure, and the architecture are awe-inspiring.

Pompidou Centre, Paris: A cultural factory and a museum, the Centre national d'art et de culture Georges-Pompidou (Centre Pompidou, or Beaubourg) is an architectural icon of Paris.

It preserves and exhibits modern art collections and is a multidisciplinary space where art, design, literature, music and cinema are intertwined.

Made of glass, steel and red coloured tubing, the centre is like an industrial spaceship. Architect Renzo Piano and Richard Rogers conceived this project in 1971, where one half of the site was taken up by the building while the other was radically devoted to creating of a public plaza.

Despite initial apprehensions, the

centre was quickly embraced by the public and more than 150 million visitors passed through its doors. Its extraordinary popularity required the building to get a renovation and it re-opened in 2000.

It is a task to summarise that most notable and inspiring public architecture projects, however, the High Line Project in New York, the Reichstag Transformation in Berlin, the Grande Arche de Le Defense, Paris, Gardens by the bay in Singapore, the New Fiera Milano Rho Exposition Centre are a few that are successful in unique ways to address the challenges of identity, density and sustainability effectively.

Public architecture projects are different from private developments as their value system and their philosophy is far more qualitative than quantitative. The system is such that often the process is more valuable than the product. It brings in a fair amount of professionalism and perfection. The entire set up is fairly democratic as no stakeholder is personally involved. This in turn, leads to the consulting architect being the ultimate advisor to the project. However, many a times, government projects also defy logic under the nuances of protocols.

Most Indian government projects have the principle algorithm set out, but are open to a broad level of design and discussion. It is interesting to see how government projects can be individual driven. All it takes is the right lead to the project, whose guidance and clarity of thought drives the project to a different level and quality.

As architects, government projects bring in the scale and the opportunity of touching the common man with architecture and design. ✚

Ar Sourabh Gupta is the principal architect of Noida-based architecture firm Archohm. His studio constantly seeks directions in contemporary Indian architecture with global insight.



Pompidou Centre, Paris

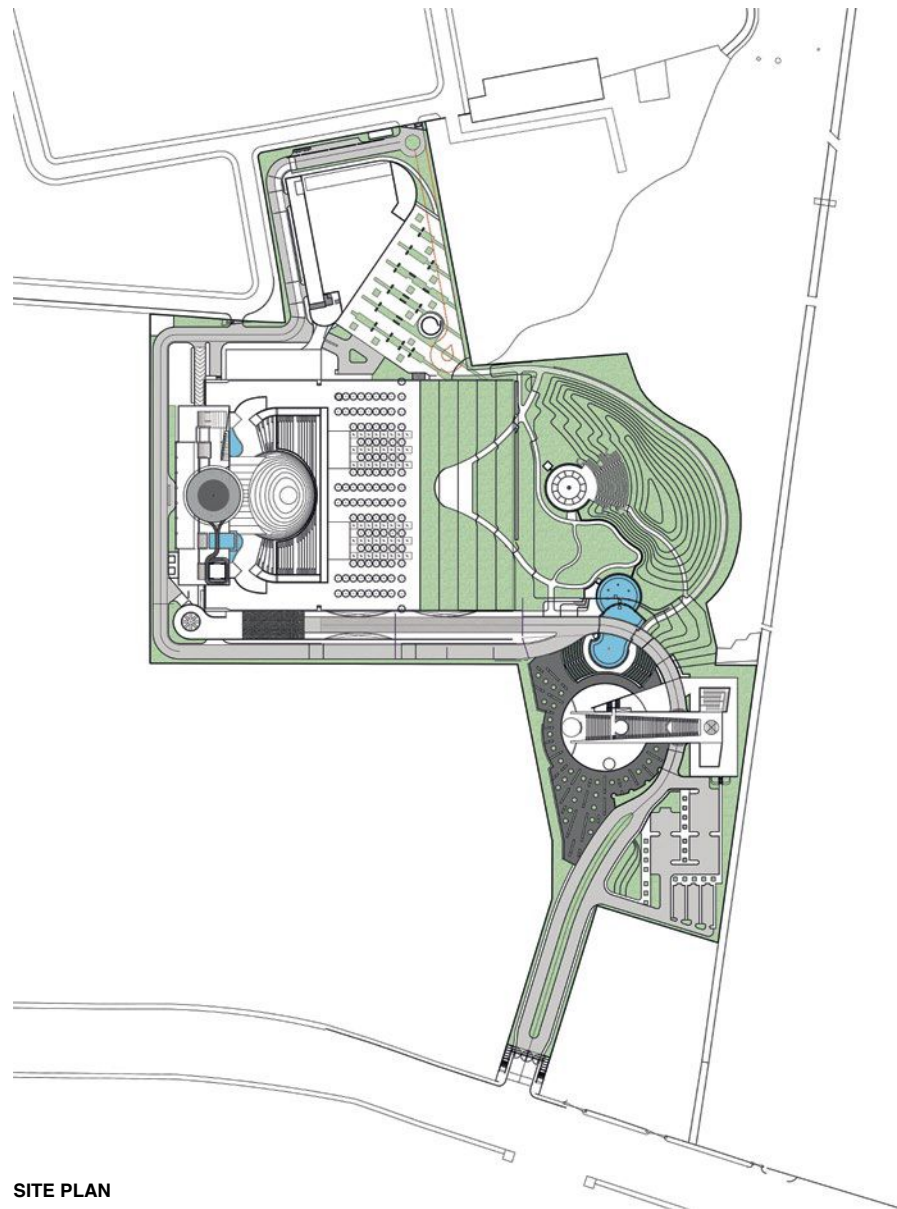
project. Besides being environmentally sensitive, the airport's architectural planning featured a simple linear layout to handle the efficiency of constantly changing passenger flows, luggage handling and transit facilities.

What is extraordinary is that despite the functional complexities being addressed, the resulting clear



Monolithic Bold Form

Project: JayaPrakash Narayan Interpretation Centre/Museum of Socialism, Lucknow, UP
Architects: Archohm, Noida, UP

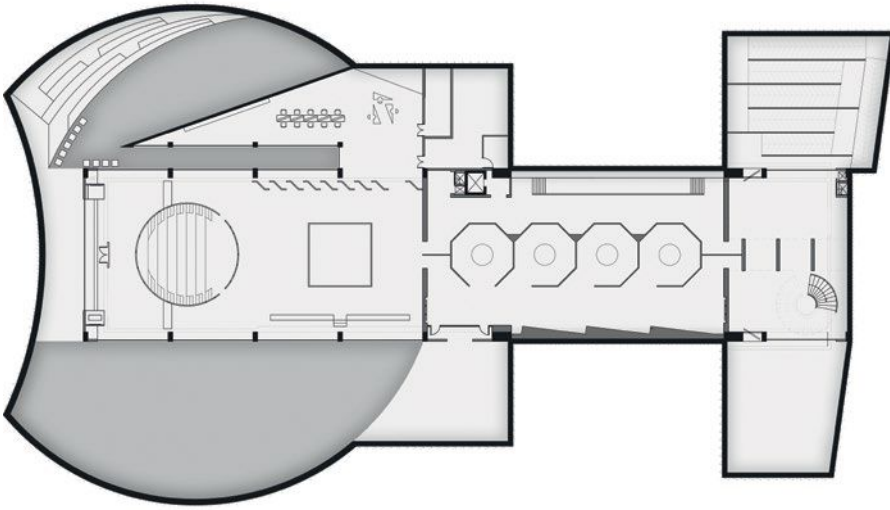


SITE PLAN

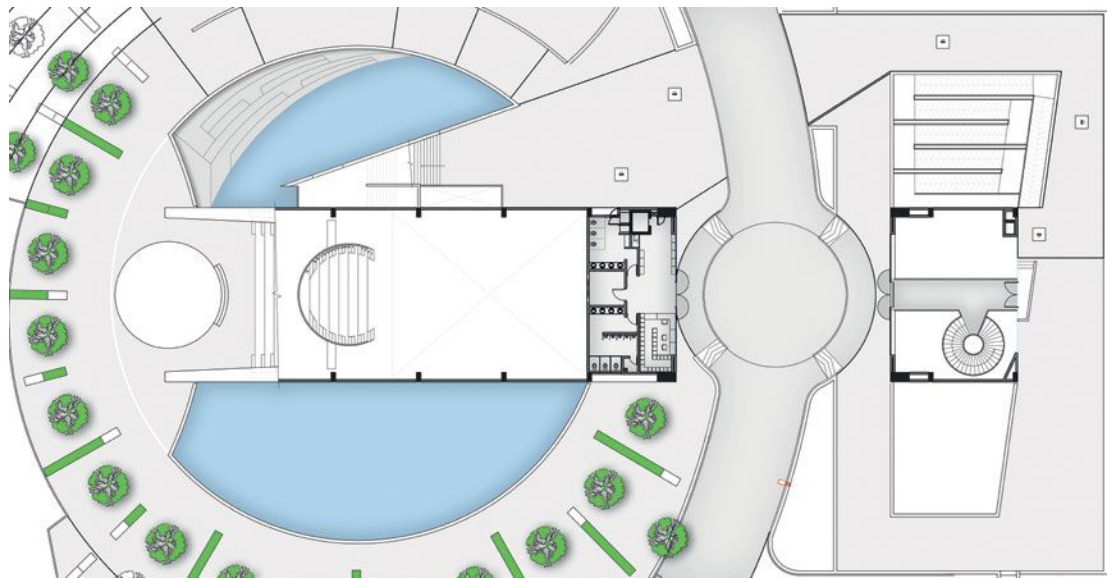
The JayaPrakash Narayan Interpretation Centre/Museum of Socialism is built on the idea of creating public architecture, whose design vocabulary endows a contemporary value to past events, but stands its ground with its 'new-found' institutional identity reflecting the polarised views of civic authorities, curators, historians and the general public. The contemporary nature of the museum's architecture takes responsibility for creating what will be tomorrow's history while narrating the current one. Although it celebrates and shares the ideology of socialism in retrospect, it also reflects the times we live in—both in its experience and space-making. The building- the parts and the whole do their best to communicate the essence of the Interpretation Centre which is about the idea of socialism

and about the visionary—Jayaprakash Narayan (JP). Archohm Consults, a multidisciplinary architecture studio, in line with Akhilesh Yadav's (Chief Minister of Uttar Pradesh) vision, has been responsible for the design of this museum.

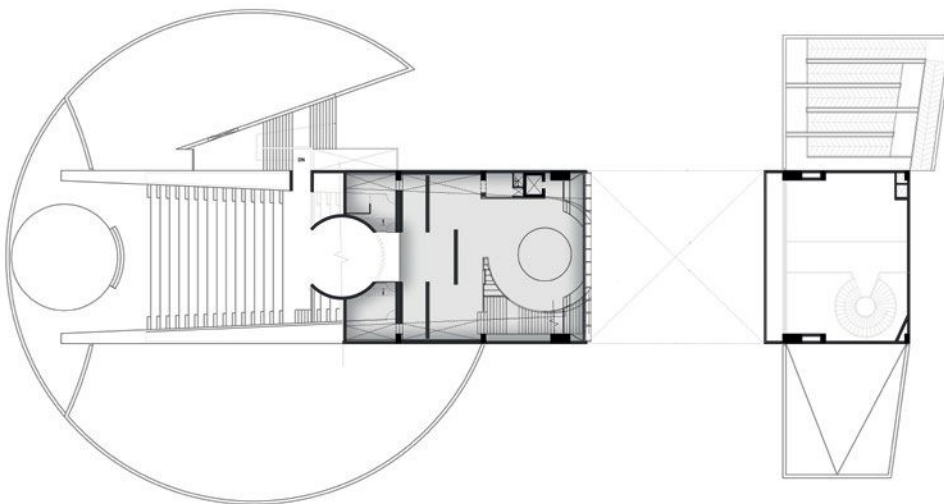
The monolithic and bold form of the building takes a stance, and exudes empowerment, saying that, be it a building or man, one must be undaunted while envisioning and realising a dream. It is much like what we understand of JP's life. Despite, the scale and the unconventional shape, the building with its clean and clear lines is deceptively simple. Just like the man it represents, the profound depth and complexity is revealed on the inside and it only reinforces the notion of simplicity being rooted in deep-thought and reflection.



BASEMENT PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN



The architecture of the building blurs the boundaries of the role of architecture in space making. The conception of the institution was a journey that evolved with the project. The architecture sits in conversation and merges seamlessly with museum and exhibition planning, experience design and landscape. The centre serves as a gateway to the JayaPrakash Narayan Interpretation Centre and together, they ensure that an international flavour is imparted to the complex which in turn validates the recognition of the institution as an attempt to be an ambassador of the city of Lucknow.

Site context

Along with the adjoining International Convention Centre, the Interpretation Centre is inserted as an anchor point on one of the principal nodes of the city so that it takes on the onus of becoming a contemporary landmark and hopes to inspire the development of the urban fabric around it. The terracotta cladding responds to the integrity of a historical cityscape. The complex stands as a conceptual counter argument to the park across and ensures a climatic response by maximising the green cover of the complex. One of the facades merges with the abutting greenery; the adjoining forest is literally and

metaphorically swept off its feet and lifted audaciously up to the fifth floor elucidating the value of greens in the context. The centre therefore serves as a 'respiratory apparatus' in the form of breathing spaces that also double up as phenomenal community centres engaging the inhabitants and the built environment of the city, with a view to entertain and educate.

Gateway to JPN International Centre

The Jayaprakash Narayan International Convention Centre has been conceived as a place that offers the citizens of Lucknow, multiple choices of leisure, business, recreation and sports. It is a place where people from all walks of life—from the local to the overseas visitor can have a meaningful and memorable interaction and experience. The JPN Interpretation Centre is a gateway framing the International Centre. It is placed as a wedged-shaped monument with a massive arch carved out of the mass; its nine-metre height and twenty metre ambitious span clearly attempt to push the limits of structural design and construction.

The wedge shaped museum is actually a slice of the same shape and size carved out from the mass of the international centre building - leaving in its place, a void that opens up the centre. It then takes a seat on the site in a way that is



majestically juxtaposed with the International Centre, thus creating its own identity even while owing allegiance to it. The gateway as a void is the entrance to the interpretation centre and the silhouette of the grand arch in its entrance offers a framed view of its parent at that point.

Play of Levels

At first, the journey of experiencing JP is a linear one—in

chronological fashion and divided into zones of specific themes, which are also interconnected and become components of a parallel and far less tangible journey on their own. However, the experience is made interesting, complex and layered by the use of the third dimension that involves not a play of voluminous spaces, but also of levels. A deceptive singular platonic outer shape belies the complexity of the play of levels inside; made perceptible for visitors through elements of vertical circulation as ramps and a variety of stairs and steps. These help physically navigate and take up the challenge of merging the interlocking volumes.

Volumetric Composition

Large voluminous spaces enable the creation of bespoke backdrops for the thematically designed experiences, while providing the necessary curatorial flexibility needed by a typology of this nature. Platonic volumes try to induce clarity into the visceral experience of space; this clarity also echoes JP's character. Additionally, their three-dimensional property supports a multi-dimensional and more meaningful experience; even adding a dose of surrealism to it. The entrance is a triple-height volume that immediately initiates a perception of the scale of the institution and the stature of the persona. In the basement, the volume equivalent to two floors with water-bodies on both sides is a play of illusion in which the building seems to float. Volumes are inserted within volumes to add layers of complexity and as surprises to the experience of space-making. Internally, volumes are made to interlock smoothly as not only is the sense of a collective

We know the value of a right support system



IntelloTech Support clamps range combines engineering and design perfectly. We offer support systems for heavy duty use & high support capacities

Our Products Range



Pipe Support Split Clamp



Sprinkler Hanger



Clevis Hangers



U Clamp



Base U Clamp



Connection Clamp

Easy installation ● Tidiness ● EPDM Rubber Lining ● Electro Galvanised Zinc coated steel
Available in all sizes ● Time Saving ● Greater Strength ● Greater Safety

Intellotech Industries

C-37/2, Wazirpur Industrial Area, Delhi-110052

Cell: +91(0)9810879165, Email: -intellotech9@gmail.com



Awarded
Mega Brands
2016

a reverberating concept in the institution, but also since the programme has also been so designed.

The Elements — Water Light and Air

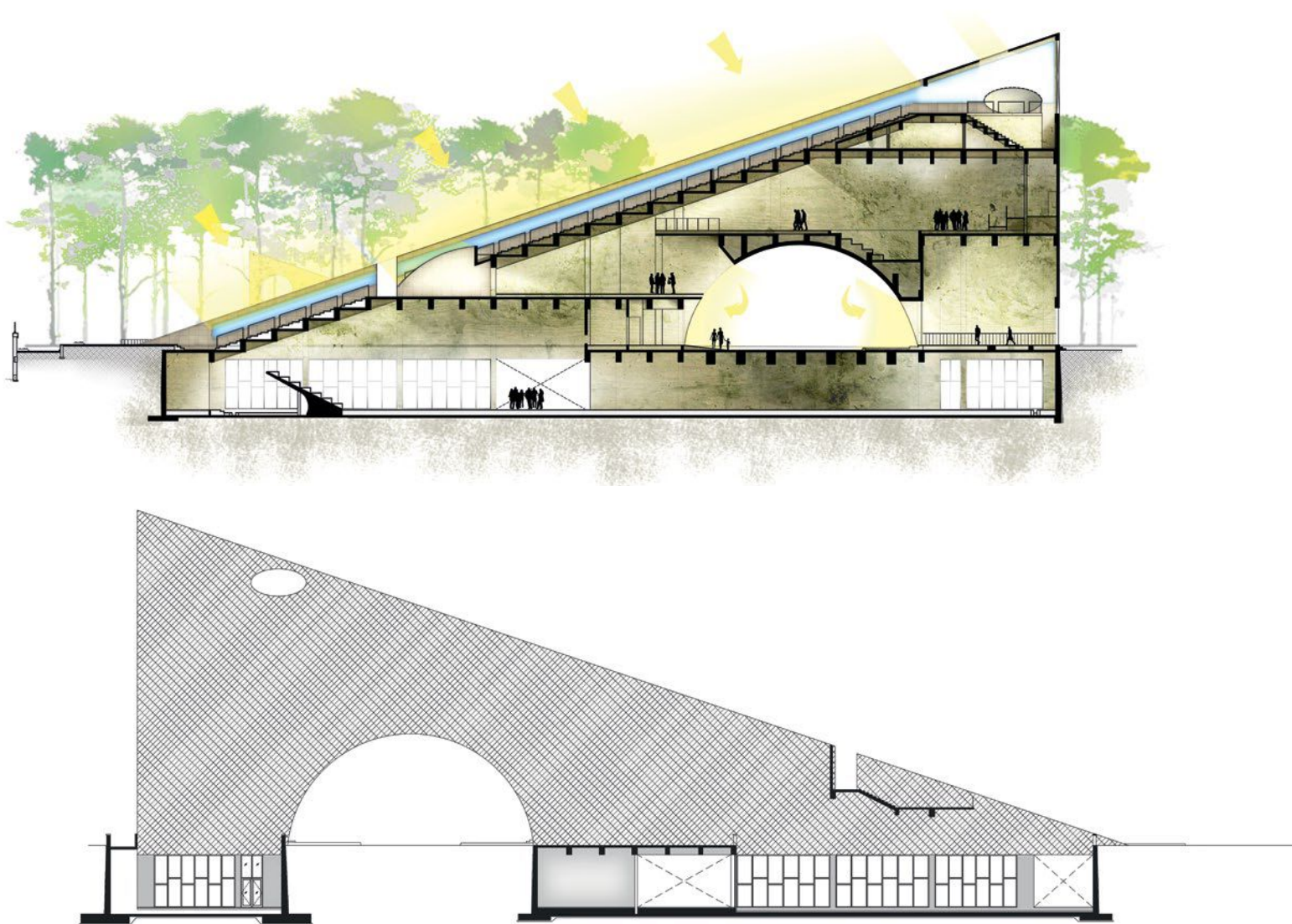
Natural light is designed to express that it is not easy to come by; but at the same time, allowed to exercise leverage and make its presence felt, understood and valued. With an introverted character required of the institution, the facades have been designed as blank walls on the exterior. However, once inside, light is sent on a wild goose chase so that when it returns, it is controlled and its tonality is most appropriate for the visual spread and to enlighten the minds absorbing it. Therefore, while informative spaces are dimly lit, contemplative spaces are washed in muted light to create an ethereal 'lightness of being.' Modulated light also empowers continuously inhabited spaces to 'be cool by nature' and incidentally to climatically sort themselves out. Sunken courtyards usher in light in the lowest level, but only after reining in its harshness. Similarly, light wells all along the

steps of congregation bring in diffused light – light that has been stripped of its intensity and harshness, to the provide relief to the spaces beneath.

Water is used as a medium of reflection; reflection of the building reiterating its mission and of oneself in an introspective mood. However, water has been used as a landscape element from an ecological point of view as well; it is a simple and passive means of cooling air; the air cooled as a result of contact with water rises and ventilates the spaces environment without much ado.

Materials

The austere expression of materials sub-consciously echoes the honest and unpretentious character of JP. Since the building is itself sculptural in nature, it seemed best to construct in concrete. With strength being its middle name, it makes the larger than life dimensions easily realisable, but also moulds itself to permit flexibility to the schema housed within. The institution commands a contemporary



SECTIONS

World's
PIONEER
TECHNOLOGY | FIRST TIME
IN INDIA



Beautiful Life

LUXURY

TILE for your mighty dream home



DOUBLE CHARGE VITRIFIED TILES

Asian Granito India Ltd.

Corp. Office: 202, Dev Arc, Opp. Iskcon Temple, S.G. Highway, Ahmedabad-380 015, Gujarat (India)

Phone: +91 79 66125500/698, Fax: +91, 7966125600, 66058672

info@aglasiangranito.com | www.aglasiangranito.com | CIN : L17110GJ1995PLC027025



1800 123 3455

Toll-free: Mon-Sat 10am-6pm



www.facebook.com/agltiles



www.youtube.com/agltilesworld

TILES RANGE : DIGITAL WALL & FLOOR • DIGITAL PORCELAIN • DIGITAL VITRIFIED • COMPOSITE MARBLE & QUARTZ

1200+ designs | 8 Mfg.units | 1 Lac+ sq.mtrs./day capacity* | 50+ Countries export network | 80+ showrooms | 16+ display centers



10 11 12 13 NOVEMBER 2016
BOMBAY EXHIBITION CENTRE
Stand No.: D-3, Hall-1

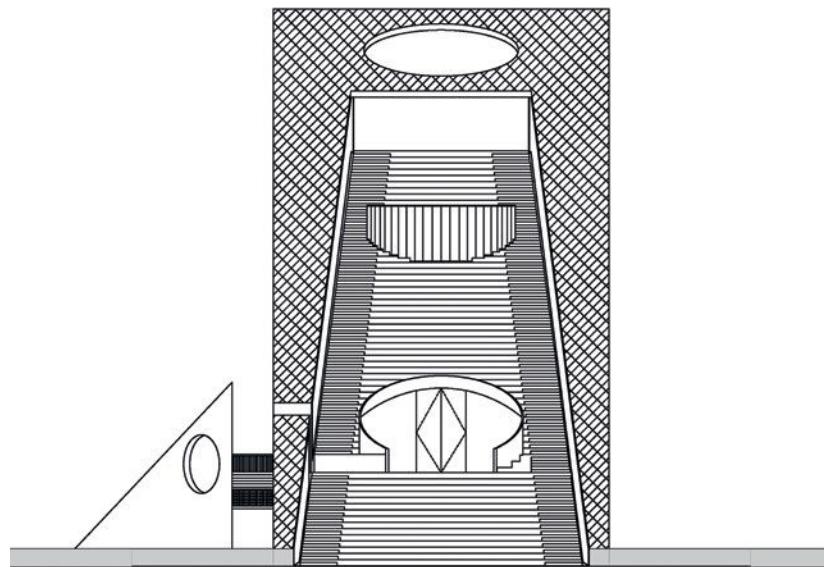


15 16 17 18 DECEMBER 2016
PRAGATI MAIDAN
Stand No.: A-6-7, Hall-14



21 22 23 24 NOVEMBER 2016
RASHID MAKTOUM HALL
DUBAI WORLD TRADE CENTRE
Stand No.: A-167

Asian Granito India Ltd.



FRONT SECTION

reading of its presence. However, its terracotta cladding throws light on its desire to cohabit—its warm, earthy and deep texture is very indigenous. Granite also reiterates the grounded and strong personality. The material choice conveys a certain timelessness and ease of maintenance, both elements much needed for a public space of this nature.

Facade

The triangular shape of the facade which is clearly visible even from a distance is derived from the wedge that was carved

out of JPN International Centre as much as from the fact that it best diagrammatically represents the triad of objectives of socialism as conceived by JP— freedom, equality and brotherhood. Three of these words are celebrated and etched in multiple languages on the terracotta panels. It is truly a non-facade for it is not an afterthought—a dressing of the building — but a conscious participant in the programme and reflective of the spirit inhabiting it. This formal asceticism in the use of stark and simple material strives to imbue richness and nobility by the genuine treatment of materials.



HAVELLS

Introducing Premium Ventilation Solutions

Refresh and rejuvenate your senses.



Vento Jet Auto

These new generation fans have been smartly designed and manufactured in Europe to add aesthetics to your home or office and make your indoor air healthy. What's more, they are highly energy efficient and silent in operation. Go ahead, gift your home, the Vento advantage.



Vento Jet (Brushed Steel)



Vento Jet



Vento Max Auto



Vento Max



Vento Hush

*Conditions apply

www.havells.com
E-mail: marketing@havells.com

buy online at
shop.havells.com



For dealer interested in opening new Havells Galaxy Store, please e-mail at: galaxy@havells.com

HAVELLS
CONNECT

Toll Free No.: 1800 11 0303 (Toll Free), 011-4166 0303 (Landline)
1800 103 1313 (All Connections).



Skin

The presence of a 'skin' as opposed to a facade means that the building sports a layered outer covering. The custom designed terracotta tiles are dry-clad with an air-gap between this layer and the true wall. This space filled with rock wool offers a measurable degree of thermal and sound insulation. While the former keeps the much visited place cool and comfortable, the latter helps in cutting down the city cacophony, along with a host of other measures and enables the immersive museum experience to be smooth and undisrupted by noise. Further, the terracotta tiles being perforated allow for air flow and ventilation. ☩

Factfile

Client: Lucknow Development Authority

Principal Architect: Sourabh Gupta

Design Team: Sanjay Rawat, Amit Sharma, Bhoomika Singhal, Ram Sagar, Shahzad Ahmad, Neha Aggarwal, Vineet Rao

Consultants: ROARK Consulting Engineers (Structural), Sunil Nayyar Consultants Pvt Ltd (Mechanical), ARCHOHM Consults (Electrical), Shalimar Corp Ltd (Civil), Shaheer Associates SJA (Landscape)



Experience Quality,
Design and Innovation

— ExperienceCenter —

LIEBHERR

— Mumbai —

Liebherr Appliances India Pvt. Ltd.
Duro-lite House, New Link Road
Andheri (West), Mumbai

Now open!

Toll free number 1800 233 3444
customercare.lhi@liebherr.com

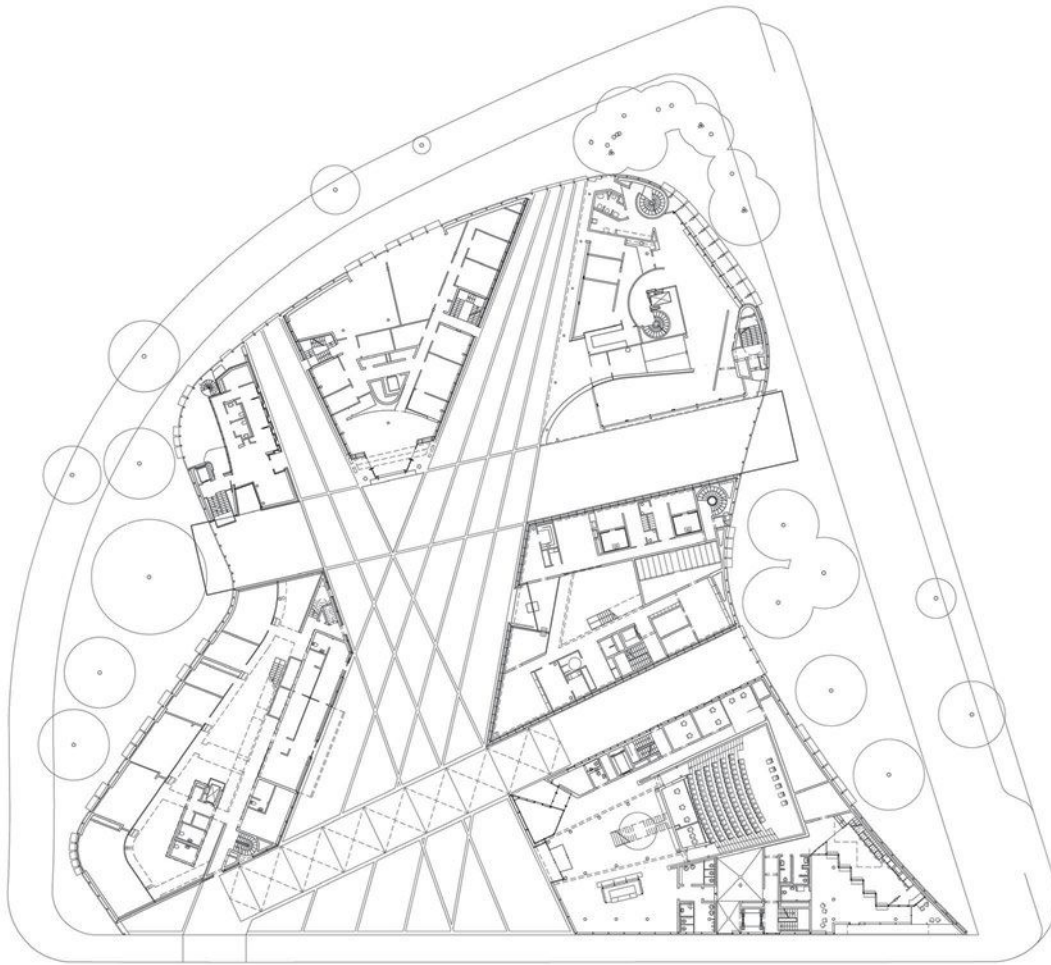
LIEBHERR

Quality, Design and Innovation



An Expression of Individuality

Project: Embassies of the Nordic Countries, Berlin
Architects: Berger+Parkkinen Architekten, Helsinki



GROUND FLOOR PLAN

The fall of the wall in Berlin created a unique situation, —all the Nordic countries were suddenly in need for a new embassy. The decision by the five Nordic countries on building their embassies jointly resulted from several years of co-operation and mutual trust. Financial reasons, including the possibility of utilising the expensive prime location site efficiently, contributed to quick decision-making.

Despite the fact that the project was a joint venture of five countries, each country wished to express its sovereignty and individual culture. The inherent conflict in the task brought out the inevitable questions: what would represent the unity of the Nordic countries and how to express the individuality of nations? This leads the architects directly to the idea behind the design.

The power of the embassy compound relies in the union – in the community. It was clear, that an addition of five rather small buildings in the context of the rapid “Aufbau” of Berlin during the 90s would not make use of the potentials of the site, and could not express the specific idea of a community between the five embassies.

Thus the project started from the idea of a whole – a virtual volume – that was developed on the site.

The shape of this virtual volume developed from the specific conditions of the site, the position in the structure of the town, on edge between town and the huge “Tiergarten” park, between architecture and landscape. This amorphous volume can be understood as a critical mass in the town.

Taking out volume allows to create a void. With huge cuts an empty space is shaped in the centre. As a result,

the shape of the void isolates six individual volumes. The sharp lines of the continuous cutting edges establish a geometric relation between the plane facades inside and to the outside.

The tension between the six volumes around the void appears as a reminiscence of the original state of former unity.

The void in between the embassies is the central 'plaza'. It is a platform for formal acts as well as for informal exchange. It establishes the required distance between the single buildings, to allow individual presence. At the same time the void defines proximity and neighbourhood.

To the outside the idea of community is emphasised. In one big movement the six buildings are wrapped up with a continuous band of copper lamellas – called the "Copper-band".

The Copper-band forms an unbroken, independent element. It is not a façade – it does not belong to one of the buildings. The Copper-band incorporates all the six buildings into a whole.

The band links and conceals elements. It is rather an element of landscape than of architecture. Transparency is fragmented. Open parts of the Copper-band reveal details of buildings inside, without revealing their secrets. The multiply-identity of the complex may be understood.

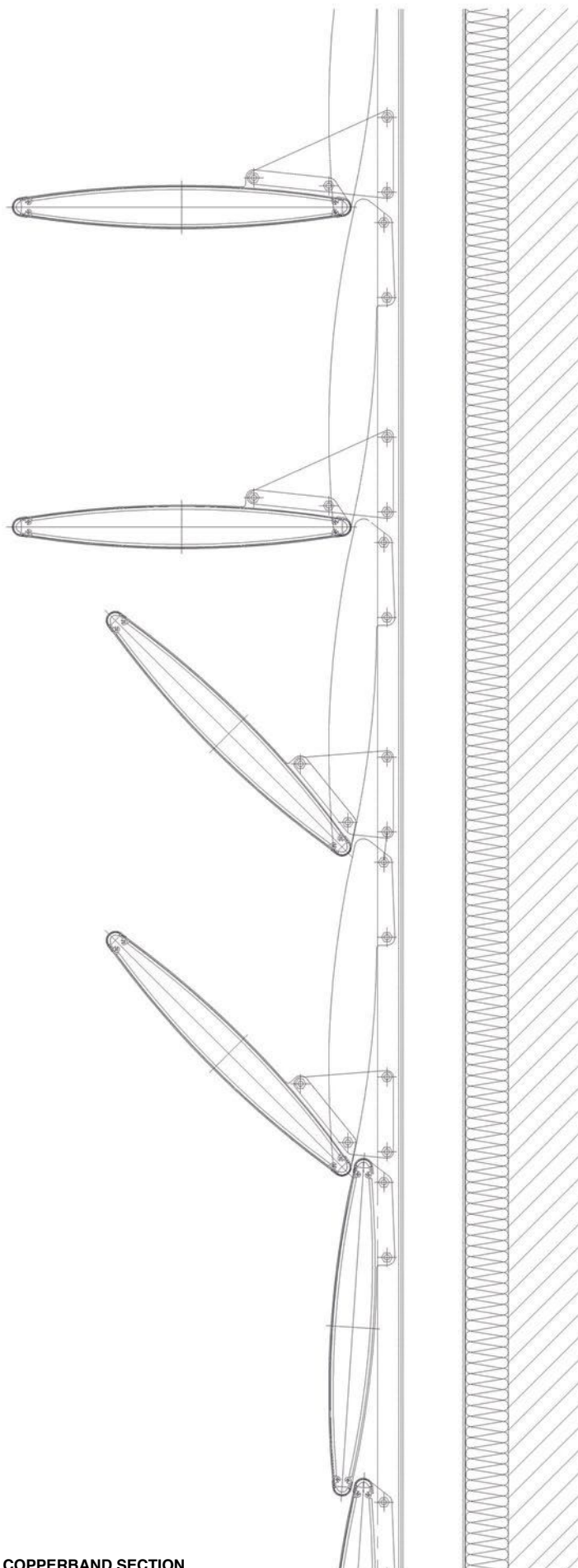
Its flowing, uninterrupted movement introduces a new scale to the complex, it transforms the six rather small buildings into a landmark in Berlin.

The 15m high and almost 250m long Copper-band consists of almost four thousand identical copper lamellas. Most of the lamellas are in a closed position, some are opened to a horizontal position, others at a 45° angle. The position of the lamellas reflect parameters like the need for light, shade, ventilation, transparency and visibility or security. In this sense the Copper-band is an "auto generated façade".

The enigmatic character of the compound to the motorways on the east, north and south shifts the viewer's interest from the noisy main streets to the south side, the more quiet "Rauchstrasse". From this vantage point, the entire interior world of the embassy complex opens out, and the viewer can discern the sophisticated interplay between the buildings at a glance. Here the visitor will find the entry to the common building, and further to the embassies.

The building for mutual use: The 'Felleshuset' forms the gate to the complex. It works as a meeting place for the embassies' staff, visitors and people from Berlin or abroad. It is the centre for cultural exchange and information. To allow free movement of visitors, the building is not included in the security perimeter that encloses the five embassies.

A façade of larch wood, divided by 12 narrow bands of glass encloses the "Felleshus" to the south. Only a fragmented vision relates the space inside to the street. The whole building is focused to atrium. The huge stair in



COPPERBAND SECTION







glass and steel emphasises the verticality of the space, with daylight coming from the top.

The building has a system of vertical layers of increasing privacy and concentration. The very busy ground floor serves as entrance and distribution point for the whole complex. The auditorium and the consular section of all five countries are located there.

Raising up one floor the space opens all across the building. The exhibition space continues on the huge terrace and opens to the town through the Copper-band. The first floor is public. It is used for exhibitions, receptions, conferences, parties and all other events.

The third floor is reserved for people – mainly from the embassies. Here a quiet atmosphere helps to relax during dinner, and to concentrate during meetings in comfortable meeting rooms.

The embassies: For the final design of each of the five embassies separate architectural competitions were organised in the respective countries. This procedure guaranteed that the idea of multiple identities would be consequently followed, that individuality would result from creative competition between the architects of each country.

For the competitors the height of the buildings and the defined geometries of the volumes were absolutely binding.

There was no limitations for the choice of materials or colours. Within this frame each designer was free to develop a unique identity, to represent the individual characteristics of the country. The results proved to be successful.

As a whole, the Nordic Embassies are more than just the sum of the parts. ✚

Factfile

Client: Five Nordic Countries

Design team: Alfred Berger, Tiina Parkkinen, Margarete Dietrich, Antti Laiho, Ines Nacic, Kurt Sattler, Peter Thalbauer, Günther Unterfrauner, Ivan Zdenkovic

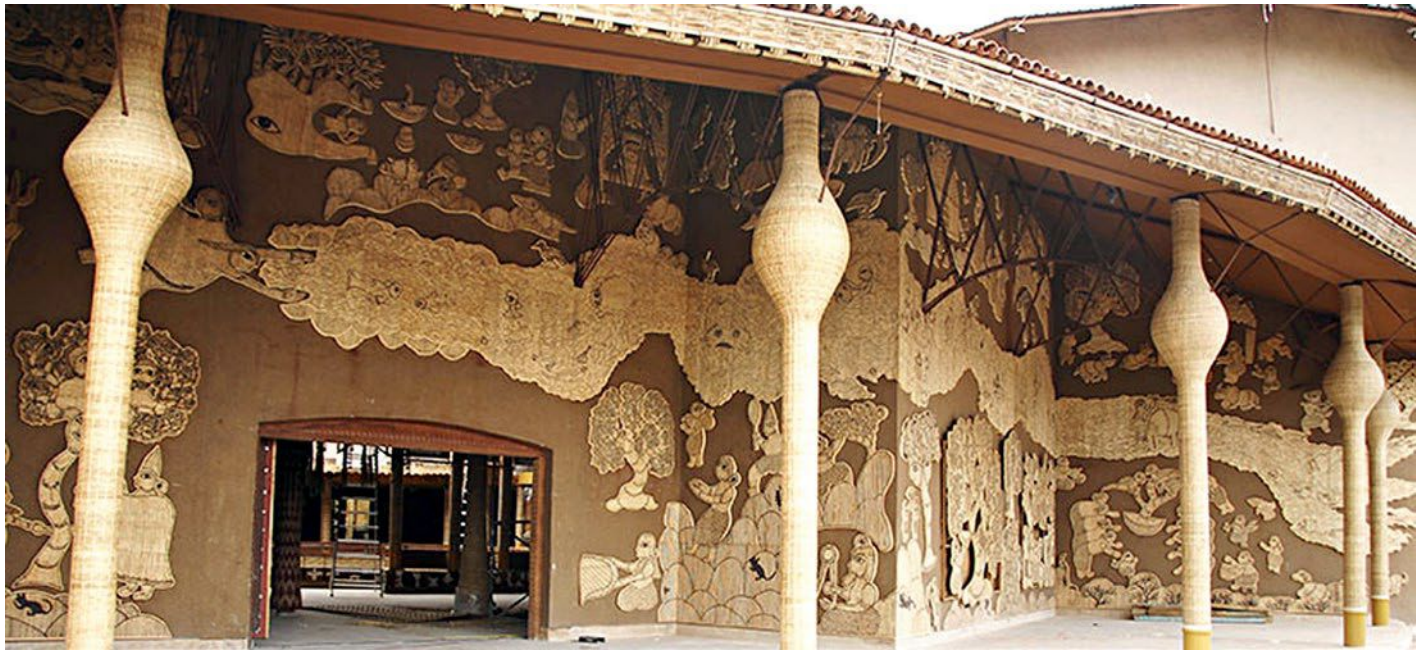
Consultants: IGH Ingenieurgesellschaft Höpfner mbH, Köln/Berlin (Engineers), D.S. Plan Berlin (Physics), DEWI Ingenieurbüro GmbH, Wien (Facade Engineering), George Sexton Associates Washington (Light-Design), Landschaftsarchitekt Karsten Böcking, Hannover (Landscaping)

Contractors: KM Europe Metal AG, Osnabrück; A. Sauritschnig, St. Veit an der Glan

Structural work: Leonhard Weiss, Stuttgart (Cooper band), Vereinigte Holzbaubetriebe Wilhelm Pfalzer & Hans Vogt, Memmingen (Dry construction)

Built-up area: 3.425sq m

Year of completion: 1999

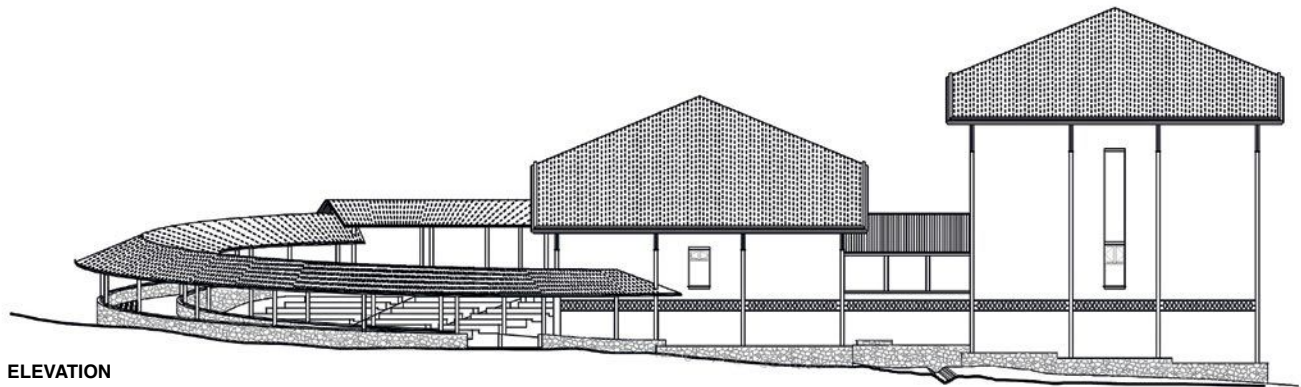


A Metaphoric Amalgam of Nature and Culture

Project: Museum of Tribal Heritage, Bhopal, Madhya Pradesh

Architects: Kamath Design Studio, New Delhi





ELEVATION

In the context of the Museum for Tribal Heritage, the ecology of the space and built form encompasses both nature and culture and it is in the metaphoric amalgam of the two and their visual balance that the building derives its architectural expression.

The prime generator of form for the architecture of the museum is the quality of the topography of the region; the rolling surfaces of the Malwa Plateau, cupping bodies of water large and small, the gigantic steps of the Vindhaya range, majestic scarps; flat topped hills dissected by

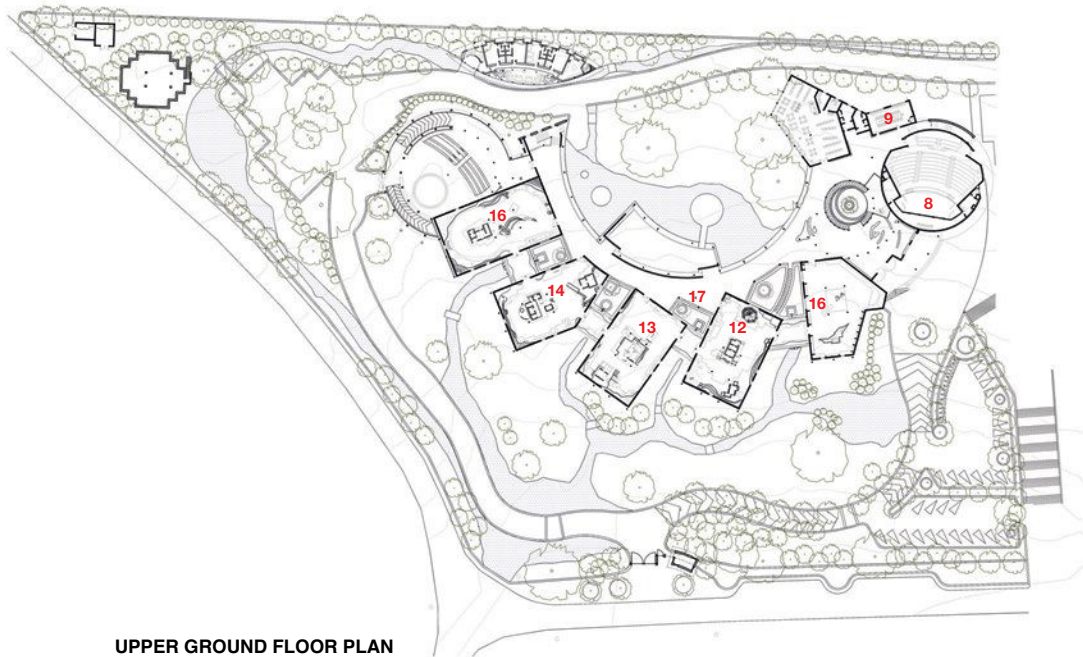
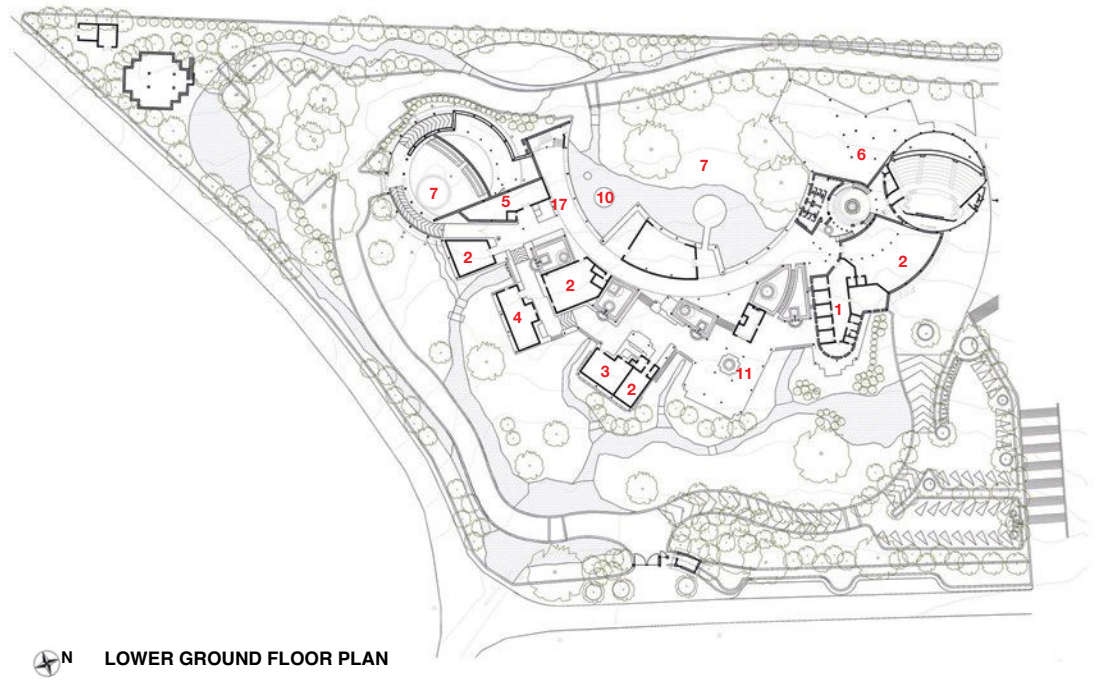
several rivers and streams, through dense forests, alluvial basins and rocky gorges are the compositions that inspire the resolution of form and space.

The ensemble forms a backdrop and the base for the representation of the tribal habitat as it unfolds to the perceiver of the "Museum" both at the urban scale and within the folds of the architectural experience.

The building and its environment incorporate into its forms the complexities and nuances of the land inspired fractal of the "Green Roof Scape".



1. LOBBY
2. STORE
3. WOOD WORKSHOP
4. METAL WORKSHOP
5. RESERVE COLLECTION
6. LIBRARY BLOCK
7. AMPHITHEATRE
8. AUDITORIUM
9. SEMINAR HALL
10. DISPLAY
11. PANTRY
12. NORTH ZONE GALLERY
13. EAST ZONE GALLERY
14. SOUTH ZONE GALLERY
15. WEST ZONE GALLERY
16. INTRODUCTION GALLERY
17. CORRIDOR



The fish, linear yet supple is the inspiration and backbone to the tectonics, geometry and the functional resolution of the building as its parts integrate into a whole.

The elements of architecture are the verandahs, the courtyards, the ramps and stairs, stepped platforms, the columns, the trussed beams, the rooms with the archetypal roof forms and the dynamic compositions representing the contemporary. The circulation spine integrates seamlessly

all the architectural elements into the spatial sequences.

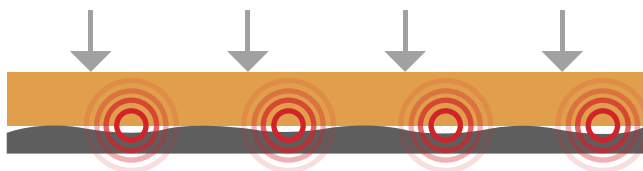
The dimension of time has infinite variations in any museum where past, present and future are overlapping creating multiple realities. The viewer has to move through the circulation spine and experience the exhibits, viewing them closely at times and from a distance at others. Windows frame views of the site that relate to the objects or ideas in focus.



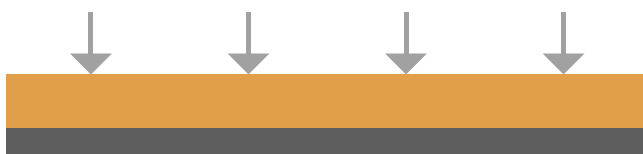
MYK LATICRETE



STOP USING CEMENT TO INSTALL TILES!



Cement mortar shrinks faster creating hollow spaces that lead to cracks

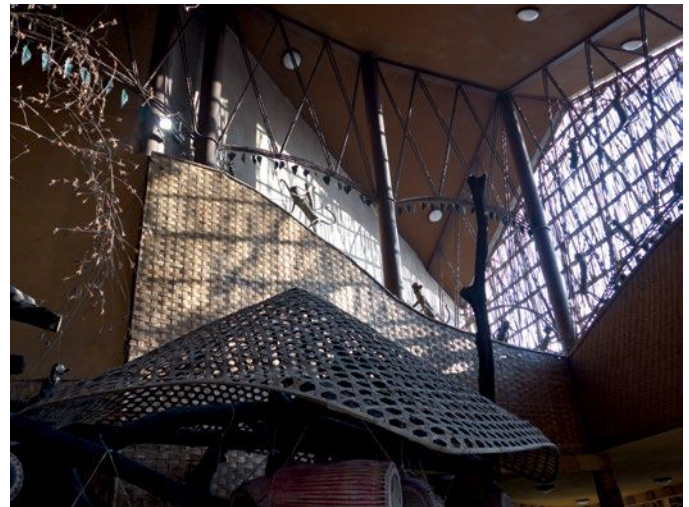
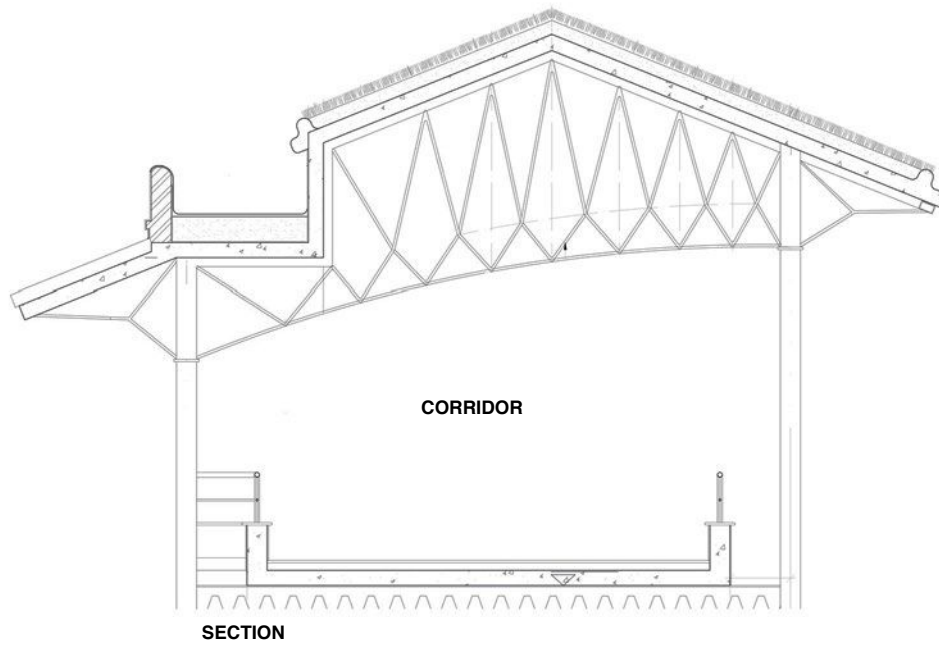


MYK LATICRETE Tile Adhesive provides uniform bedding & strong bonding



MYK LATICRETE TILE ADHESIVE
Ab Tile Na Tootega, Na Chootege!

ASSOCIATED



The supine formation of the spontaneous tribal dance sequences is encoded into the rhythms of the circulation spine. The circular platform in the water is the central drum that holds the ensemble in place.

The display area of the museum is divided into seven galleries. Four large rectangles house the artifacts of the four zones—north, south, east and west.

An introduction gallery and a theme pavilion for temporary exhibitions are the other display areas at the entrance level, while the photographic gallery is at the lower level. From



the entrance lobby with the auditorium, seminar rooms and library at one end, visitors to the museum can move along the circulation spine, glimpsing the amphitheatre below, to the amphitheatre at the other end.

The circulation spine gives access to the various galleries along the route. A sequential movement through the galleries is also possible. The links between galleries, with their framed views of water streams and the landscape below, are brief interludes in the experience. At the end of the spine, the visitors can move down the ramp, around the amphitheatre, or down the stairs to the lower level. Along the ramp at an intermediate level, visitors can also move out to the *haat maidan*.

The lower level is essentially a semi-covered space, which wraps around the semi-circular central space on one side and opens up into vistas, across the gallery courtyards, to the streams, and forest on the other side. The photographic

gallery, activity spaces, workshops and a café, besides spaces for the reserve collection, are informally organised at the lower level. Visitors can move out and experience the landscape. The lower level leads to the auditorium at the other end, where a ramp around a circular courtyard goes up to the entrance lobby above. ✚

Factfile

Client: Government of Madhya Pradesh

Design team: Revathi Kamath, Ayodh Kamath, Usman Khan, Sanjay Das, Manoj Gupta and Jaskirat Sangra

Consultants: Ajay Sahani Associates and Krim Engineering Services

Contractors: Dilip Gangwani

Built-up area: 13,000sq m

Cost of project: Rs 28 crore

Year of completion: 2014

Clad in Patterned Glass

Project: Library of Birmingham, Birmingham, United Kingdom
Architects: Mecanoo, United Kingdom

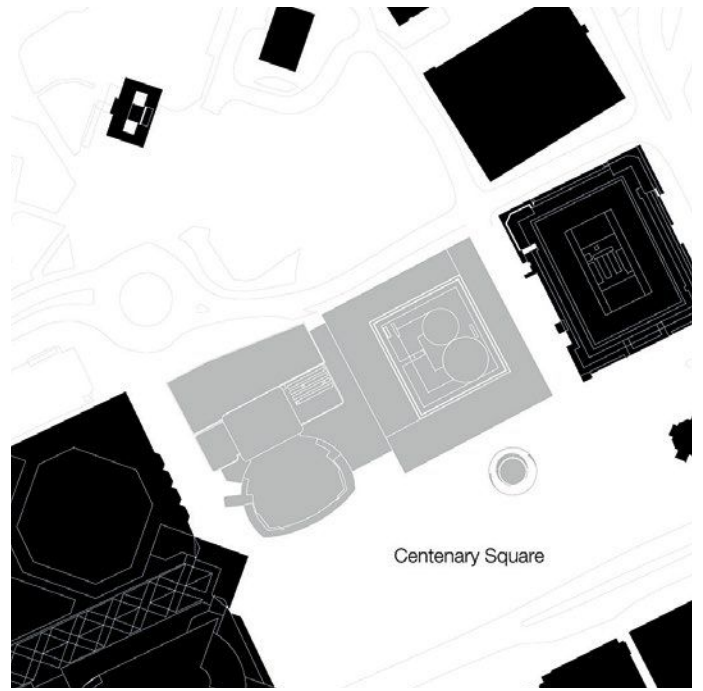






Centenary Square, the largest public square in the heart of Birmingham, currently lacks cohesion or a clear identity or atmosphere. Mecanoo's design transforms the square into one with three distinct realms: monumental, cultural and entertainment. These palazzos form an urban narrative of important periods in the history of the city; The Repertory Theatre (REP), a 1960s concrete building, the Library of Birmingham, designed in

2009 and Baskerville House, a listed sandstone building designed in 1936. The busiest pedestrian route in the city, what Mecanoo calls the red line, leads pedestrians into Centenary Square. The cantilever of the library is not only a large canopy that provides shelter at the common entrance of the Library of Birmingham and the REP, but additionally forms a grand city balcony with views of the events and happenings on the square.



SITE PLAN



The Library of Birmingham is a transparent glass building. Its delicate filigree skin is inspired by the artisan tradition of this once industrial city. Travelators and escalators dynamically placed in the heart of the library forms connections between the eight circular spaces within the building. These rotundas play an important role not only in the routing through the library but also provide natural light and ventilation. The rooftop rotunda houses the Shakespeare



SECTION



Unmatched product flatness

We, at Aludecor, have always aspired to change India's architectural horizon with our superior ACP product line which comes with almost zero undulation. That's because we try to ensure smooth façade surfaces and enhanced aesthetics of the building structure. Innovative quality products and unique features have taken us miles ahead of our competitors.

Alu decoR[®]
Aluminium Composite Panel



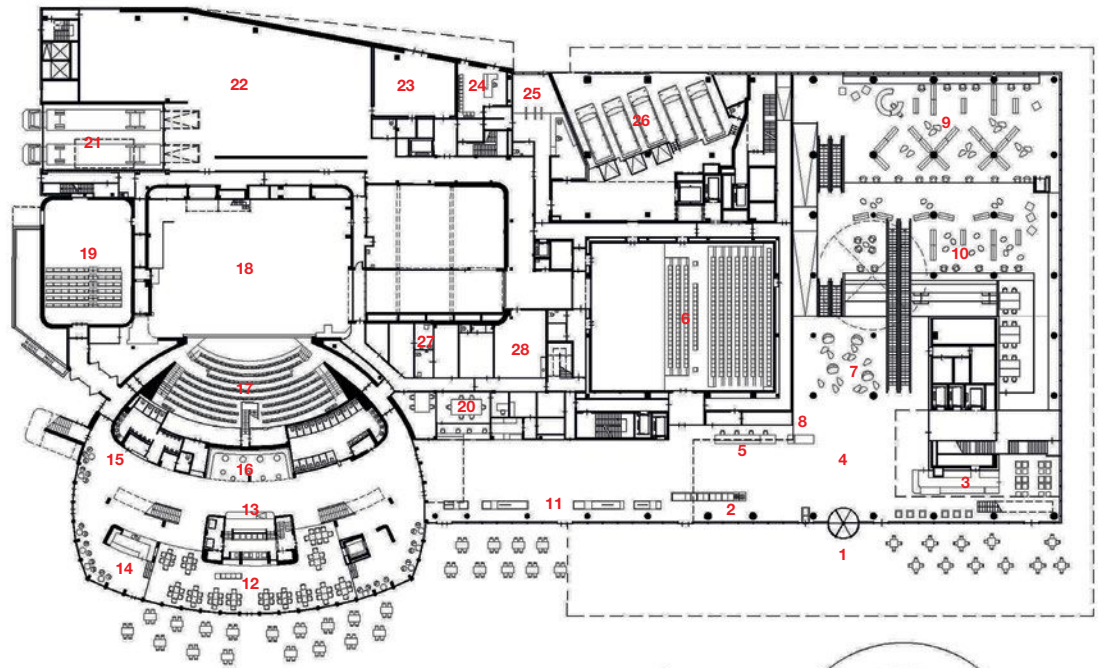
A product of
HMB GROUP

Suite No. 52, 5th Floor, 1, R. N. Mukherjee Road, Kolkata - 700 001 | +91 33 40276600 | +91 33 22488763
✉ info@aludecor.com, feedback@aludecor.com | Website: www.aludecor.com
Request for our product catalogues and free samples, or enquire about your nearest Aludecor channel partner.
Call **1800 102 0407** (Toll Free) | CIN: U27203WB2004PTC099221

Advantage Aludecor:



We drive change



GROUND FLOOR PLAN – BOOK BROWSE

LIBRARY

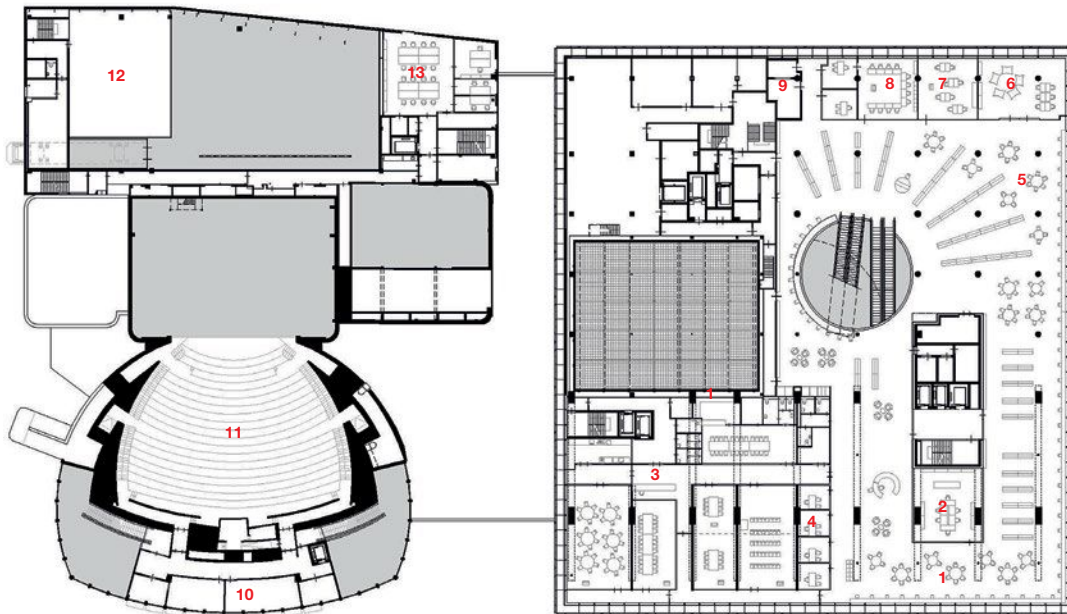
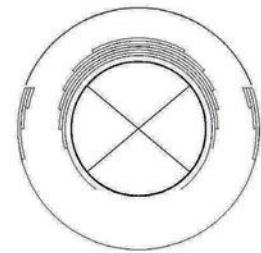
01. ENTRANCE
02. RETAIL
03. LIBRARY CAFÉ
04. FOYER
05. INFORMATION POINT/RECEPTION
06. STUDIO THEATRE
07. SPOTLIGHT
08. MEETING POINT
09. UPPER LENDING TERRACE
10. LOWER LENDING TERRACE
11. SEATING AREA

REP THEATRE

12. REP RESTAURANT
13. FOYER BAR
14. WEST BAR
15. FOYER
16. SEATING AREA
17. MAIN AUDITORIUM
18. STAGE MAIN AUDITORIUM
19. STUDIO THEATRE
20. BOX OFFICE

BACK OF HOUSE

21. REP LOADING BAY
22. WORKSHOP AREA
23. REFUSE BACK OF HOUSE
24. REP STAFF/ARTISTS ENTRANCE
25. LOB STAFF ENTRANCE
26. LIBRARY LOADING BAY
27. DRESSING ROOMS
28. GREEN ROOM



LEVEL 1 – BUSINESS, LEARNING & HEALTH

LIBRARY

01. SUPPORTED LEARNING
02. STAFF AREA
03. LIBRARY MEETING ROOMS
04. INTERVIEW ROOMS
05. GROUP STUDY AREA
06. INNOVATION HUB
07. BUSINESS INCUBATION
08. TRAINING SUITE
09. RECORDING STUDIO

REP THEATRE

10. STAFF AREA
11. MAIN AUDITORIUM
12. WORKSHOP AREA
13. STAFF AREA

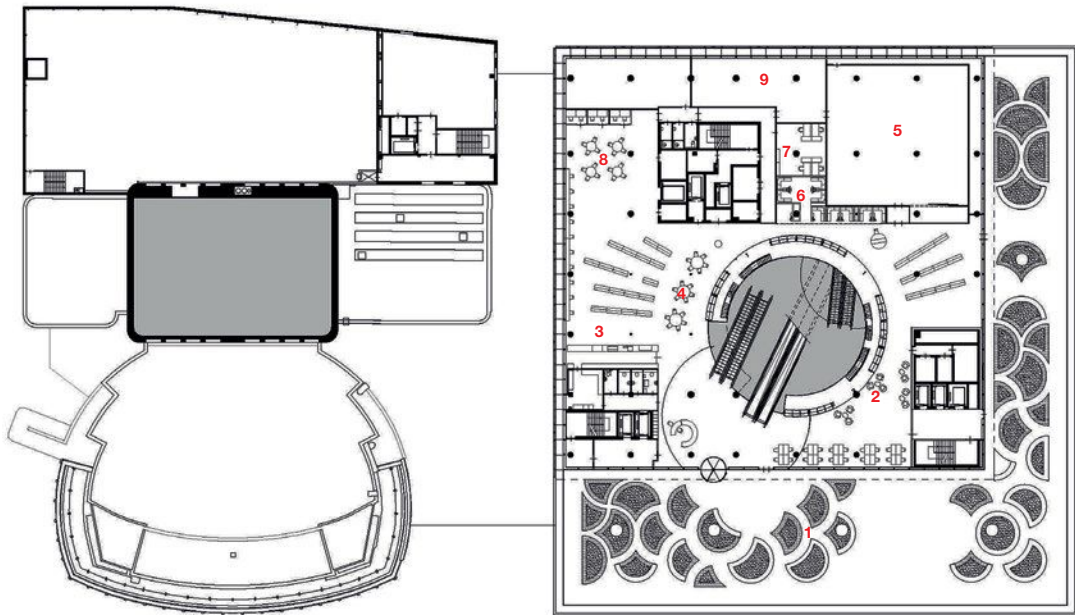


We Provide Background Support To Build A Better Tomorrow

For five long decades, Ori-Plast is synonymous with the quality and trust. Through a huge range of advanced piping solutions; it is redefining water transport, sanitation and thus the modern way of living. Ori-Plast's contribution towards building a better tomorrow is hidden from plain sight but it is integral to every new structure. In the coming years, Ori-Plast will continue to be the most trusted name in the pipes and fittings arena with a persistent commitment towards quality.

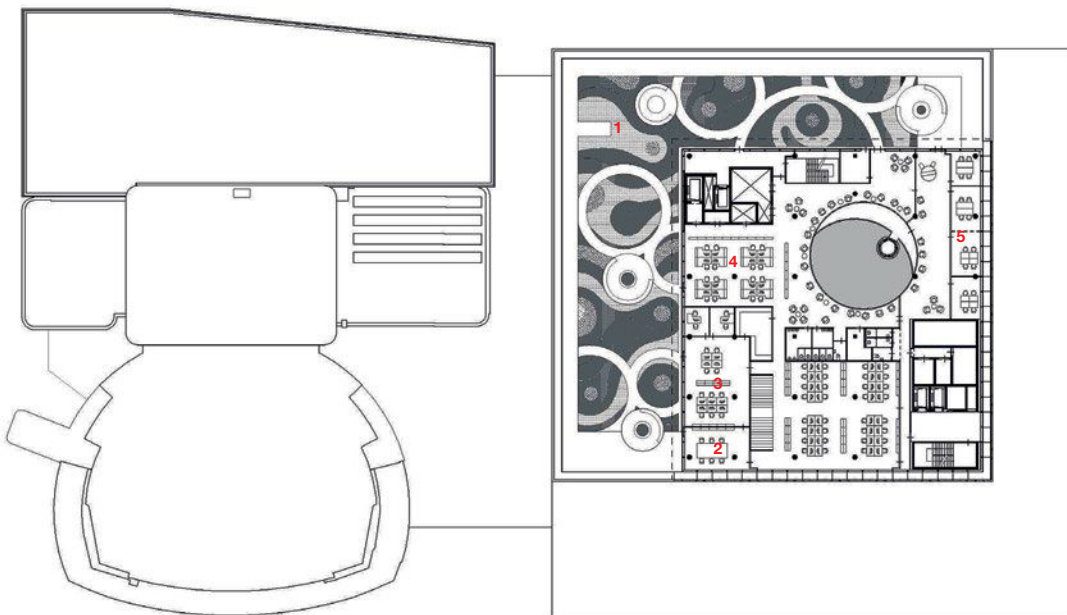
Ori-Plast[®]
LIFE LINES... NOT JUST PIPE LINES

TOLL FREE : 1800 123 2123 www.oriplast.com



LEVEL 3 – DISCOVERY FLOOR/READER SERVICES

- 01. GARDEN TERRACE
- 02. LOUNGE
- 03. TERRACE CAFÉ
- 04. GROUP STUDY AREA
- 05. GALLERY
- 06. BRITISH FILM INSTITUTE MEDIATHEQUE
- 07. STAFF AREA
- 08. STUDY ROOMS
- 09. PREPARATION ROOM



LEVEL 7 – BOARD ROOM/SECRET GARDEN

- 01. SECRET GARDEN
- 02. BOARD ROOM
- 03. MANAGEMENT STAFF
- 04. STAFF AREA
- 05. MEETING ROOMS



Memorial Room, designed in 1882. This Victorian reading room is lined with wood from the first Birmingham Central Library. Its prominent position as a rooftop aerie makes this delicate room visible from the square.

The Library of Birmingham is a BREEAM excellent rated building and incorporates grey water systems and ground source heat pumps. Although the library is a transparent building, it maintains energy efficiency through the buffering capacity of the building mass and the atria. Sun shading and reflective materials within the facades block the harsh rays of the sun during the height of afternoon while allowing natural daylight into the interiors. The ground floor benefits from the mass of the soil which provides buffering and insulation. The circular patio cut out of the square creates a protected outdoor space and invites daylight deep into the building. The building incorporates a mixed mode and natural ventilation strategy. The façade responds to external conditions and openings allow fresh air intake and outflow. The addition of soft landscaped roof spaces further enhances the immediate surrounding conditions. +

Photo credit: Christian Richters



Factfile

Client: Birmingham City Council

Consultants: Buro Happold, Birmingham, Glasgow (Structural and Mechanical)

Contractors: Carillion Building, West Midlands

Year of completion: 2013



National Martyr's Memorial

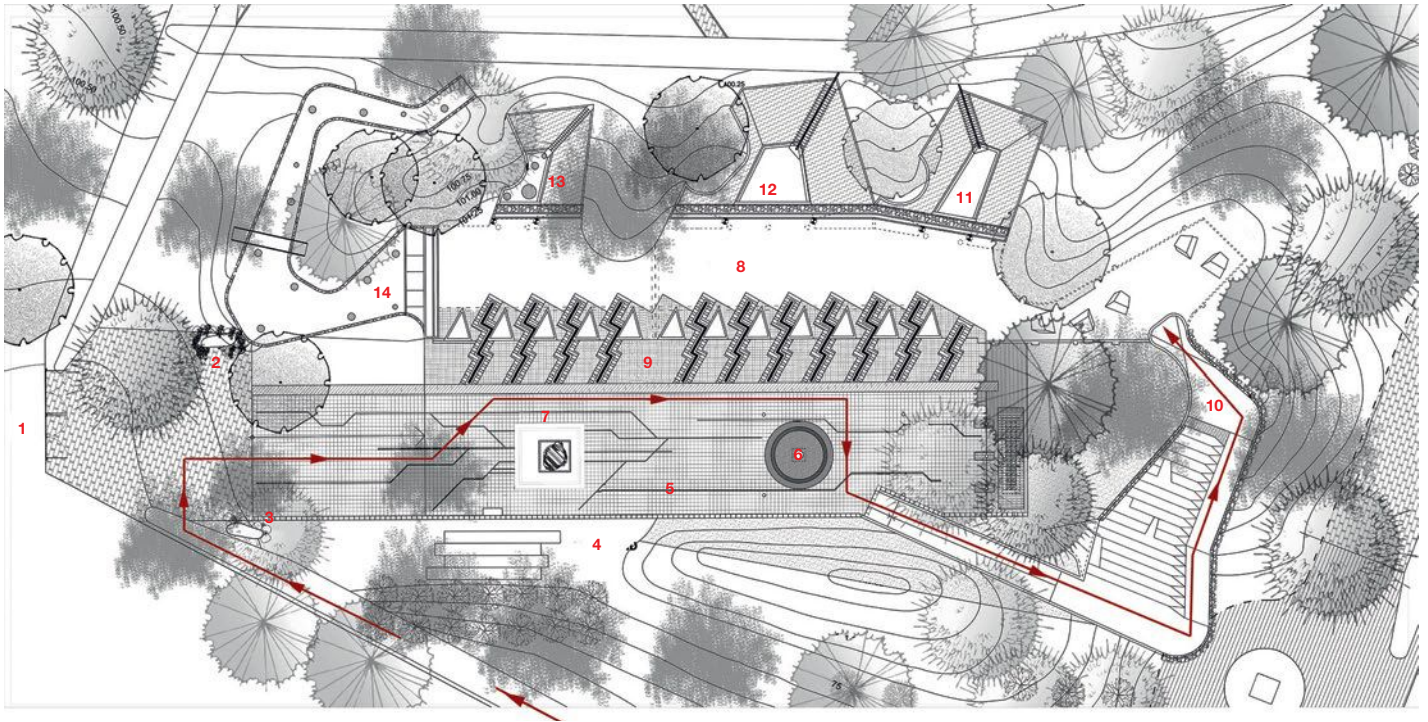
Project: National Martyr's Memorial, Bengaluru

Architects: Mathew & Ghosh Architects, Bengaluru

Located on an arterial road of the city, opposite the planetarium and close to the Governor's residence, the site gains visual prominence amidst busy thoroughfares. The memorial is conceived as place of quiet remembrance and homage. The ceremonial path of commemoration begins adjacent to a series of plaques with the physical marking of 21,763 martyr's names and proceeds into a motivation hall that houses information of

the selfless and brave missions undertaken by the martyrs and ends at a 60' high majestic flagpole beside the august 'Veeragallu' (a symbolic stone that marks the heroic death of a warrior in battle), and finally leads downwards to a motivation hall/museum.

Being one of the first projects of this nature undertaken by the state government, it aims at recognising not only the servicemen of the state but of the entire country.



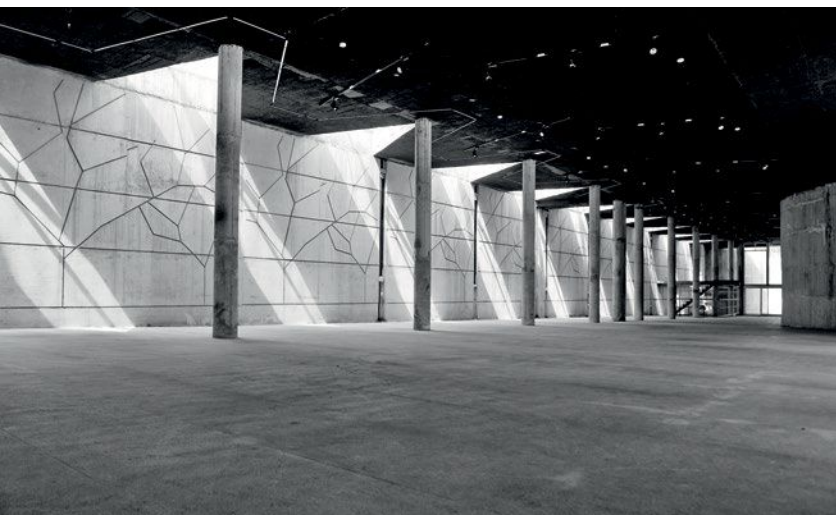
N
SITE PLAN

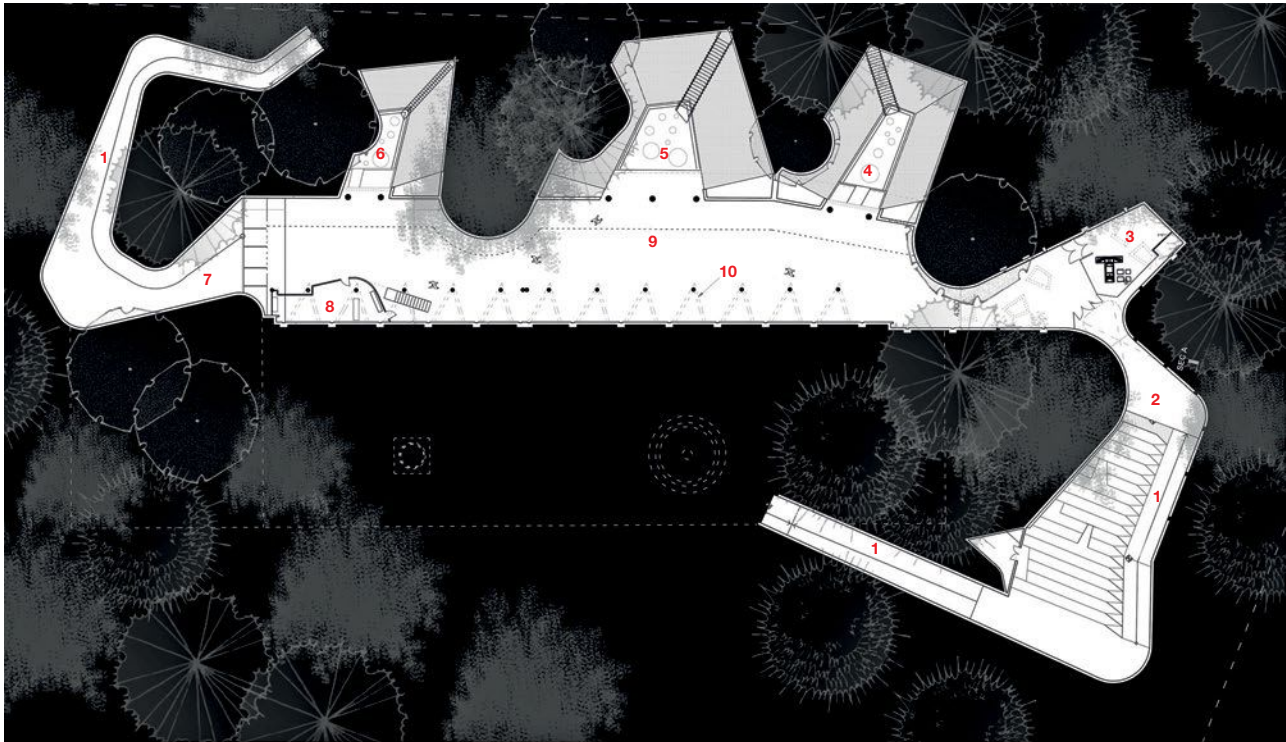
- | | | |
|-----------------------|----------------------------|-------------|
| 1. VIP ENTRY | 6. FLAG POLE | 11. COURT 2 |
| 2. FOUNDATION STONE | 7. VEERAGALLU | 12. COURT 3 |
| 3. INAUGURATION STONE | 8. MOTIVATIONAL HALL BELOW | 13. COURT 4 |
| 4. BAND STAND | 9. MARTYR'S NAME PLAQUES | 14. COURT 5 |
| 5. MEMORIAL WALKWAY | 10. COURT 1 | |



SECTION THROUGH COURT 3

- | |
|------------------------------|
| 1. VEERAGALLU |
| 2. MEMORIAL PATH |
| 3. MARTY'S NAME PLAQUES |
| 4. SKYLIGHT |
| 5. MOTIVATIONAL HALL |
| 6. RAINWATER COLLECTION TANK |
| 7. COURT 3 |

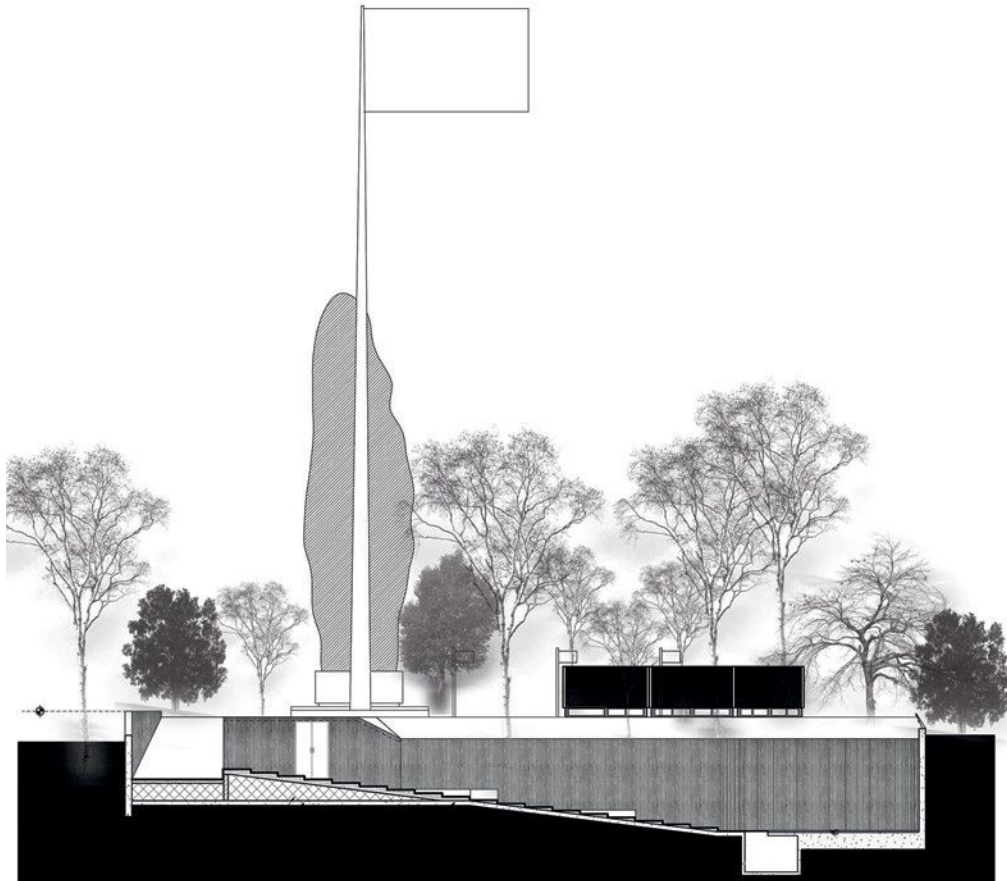




BASEMENT PLAN

- | | |
|-----------------------|----------------------|
| 1. RAMP | 6. COURT 4 |
| 2. COURT 1 | 7. COURT 5 |
| 3. LCA SIMULATOR ROOM | 8. NIGHT VISION ROOM |
| 4. COURT 2 | 9. MOTIVATIONAL HALL |
| 5. COURT 3 | 10. SKYLIGHTS ABOVE |





SECTION THROUGH ENTRY COURT



With the intent of preserving the green landscape within the city, the built form of the motivational hall was designed to disappear into the ground. The structure below ground meanders organically between the roots of the trees to preserve the tree and green vegetation. Of the 324 trees at site, only 4 eucalyptus trees were removed to accommodate the structure while 40 trees were newly planted.

The entrance to the motivation hall through open court 1 with its amphitheatre like steps is the first of 5 courts that serve to provide ventilation and daylight into the underground structure. In addition to the open courts, triangular skylights animate the space through the day. The materiality of this space makes allusion to a concrete bunker with the raw finishes of exposed concrete. ✚

Photo credits: Soumitro Ghosh, Solachi Ramanathan, Arjun Jayswal

Factfile

Client: Bangalore Development Authority

Consultants: B L Manjunath (Structural), Yash (Electrical)

Contractors: K Damodar & Co

Built area: 1300sq m (approx)

Site area: 6.5 acres (approx)

Year of completion: 2012

Contrasting Geometric Forms

Project: Mons International Congress Xperience (MICX), Mon, Belgium

Architects: Studio Libeskind (USA) in association with H2a Architecte & Associés (Belgium)

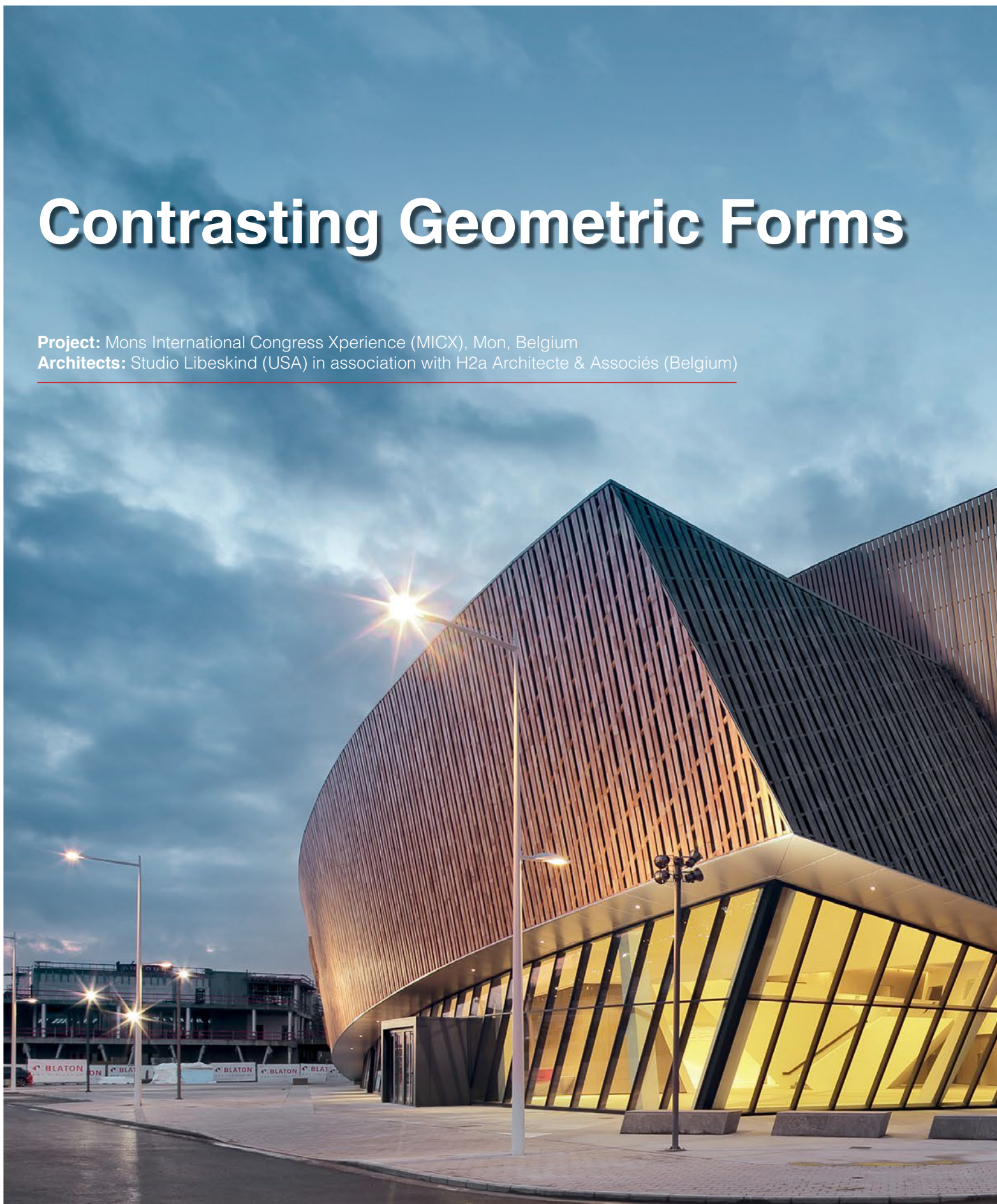




Photo credit: Georges De Kinder

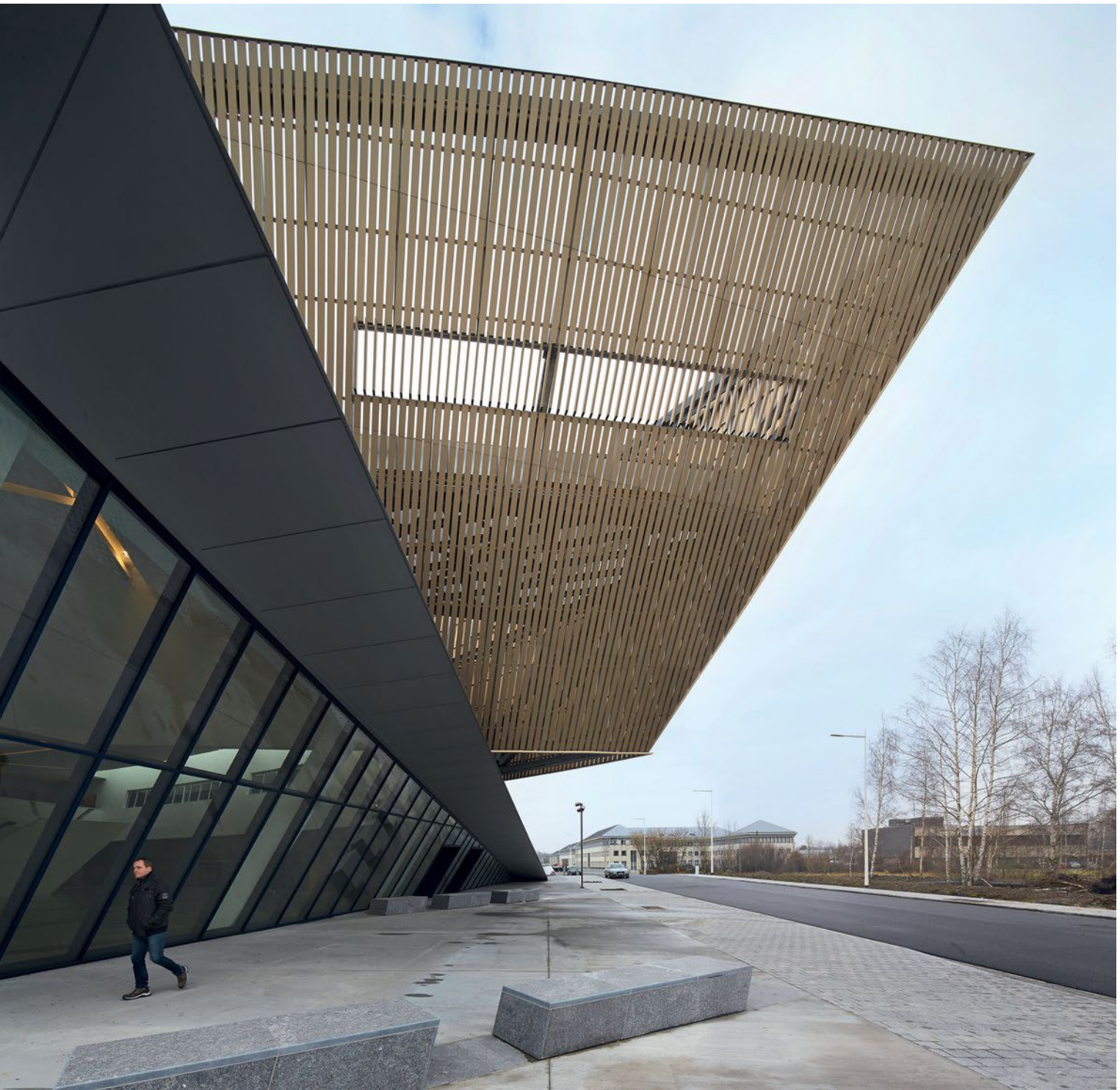
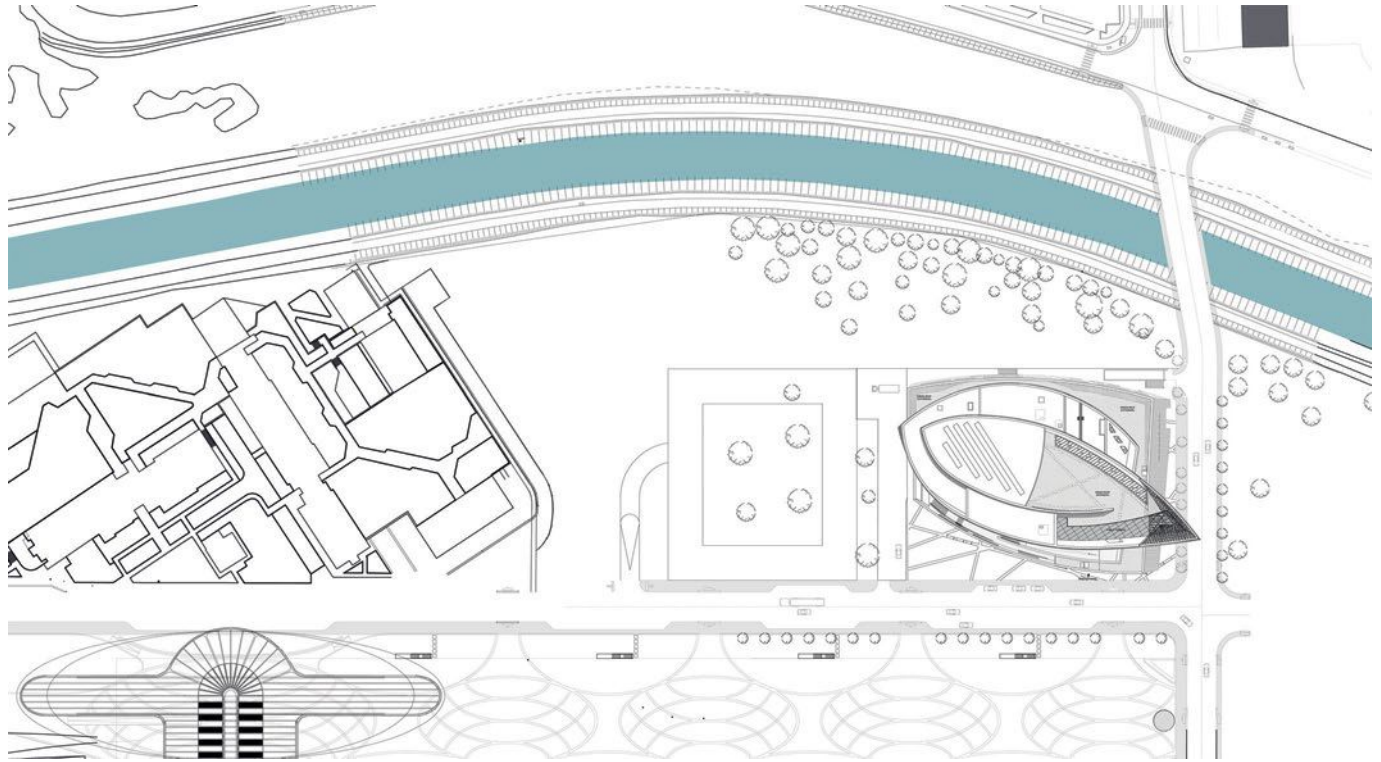


Photo credit: Hutton+Crow

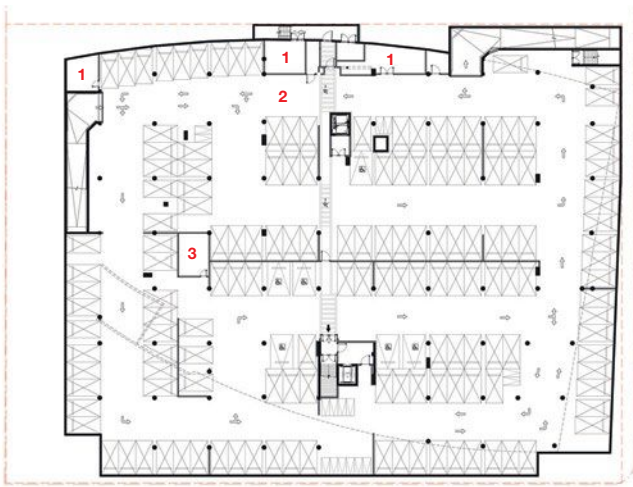
Conceived as a new architectural landmark for the city of Mons, the new convention centre is a key element in a plan for economic revitalisation, and serves as a connector between the old and the new. From the viewing platform at the top, a visitor can spy the 17th century Belfry tower, a UNESCO Heritage Site, in the historic centre of town, a new train station designed by Santiago Calatrava and the La Haine river. The 12, 500sq.m

(134,548sq ft) centre is an expression of contrasting geometric forms. The centre houses a grand entrance hall, three auditoriums, a multi-purpose event hall, conference rooms, offices, a restaurant, an underground parking and a public roof terrace.

Clad in a manner that gives texture and light to the structure, canted ribbon walls of curved champagne, anodised, aluminium wrap the form upwards to a prow

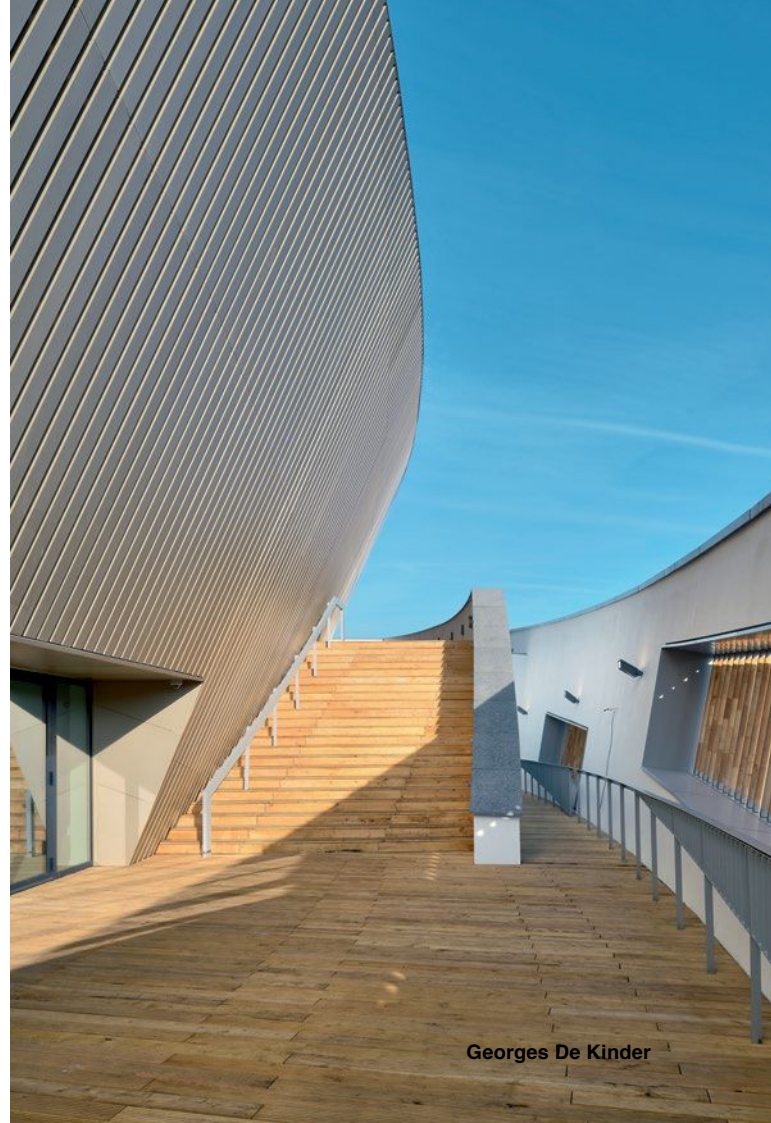


N SITE PLAN



BASEMENT LEVEL PLAN

- 1. TECH ROOM
- 2. PARKING 160 SPOTS
- 3. STORAGE



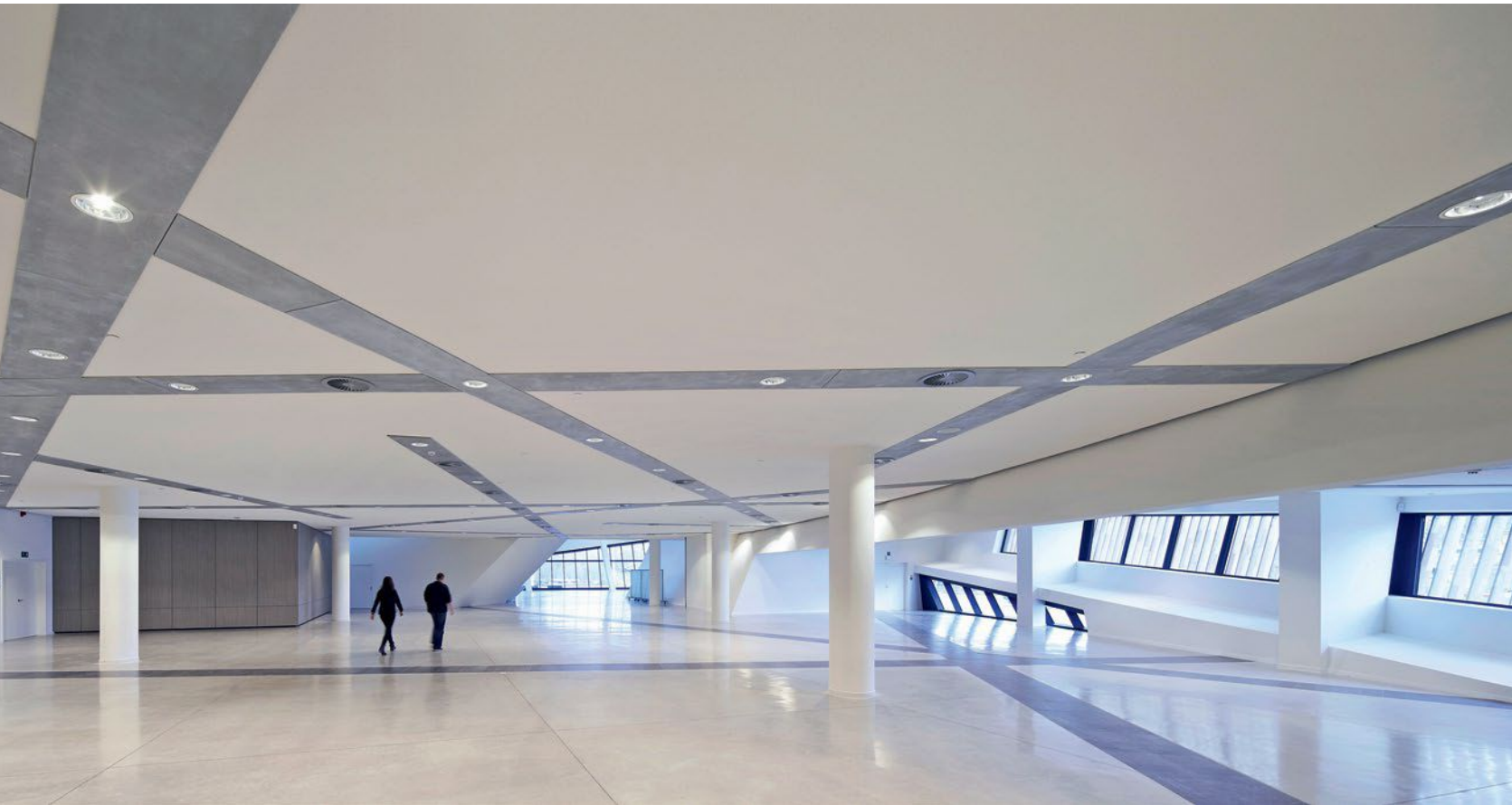
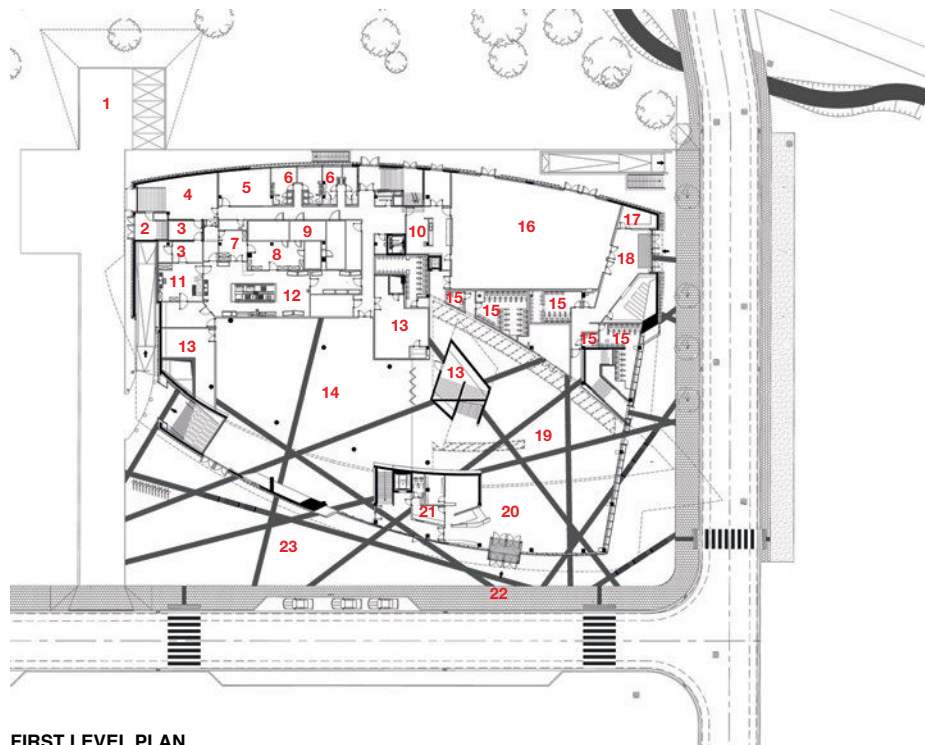


Photo credit: Hutton+Crow



1. STAFF PARKING
2. STAFF ENTRANCE
3. WASTE
4. LOADING DOCK
5. WORKSHOP
6. CHANGING ROOM
7. STORAGE (TEMP)
8. STORAGE (DRY)
9. STORAGE (COOL)
10. CATERING/PREP ROOM
11. DISHES
12. KITCHEN/PREP ROOM
13. STORAGE
14. RESTAURANT/FLEX ROOM
15. TOILET
16. EVENT SPACE
17. RECEPTION
18. LOBBY
19. FORUM/EXHIBITION SPACE
20. ENTRANCE HALL
21. SECURITY
22. MAIN ENTRANCE
23. PLAZA

FIRST LEVEL PLAN



Uniquely designed products for easy installation & better performance

Higher durability

Most certified plumbing solutions in India

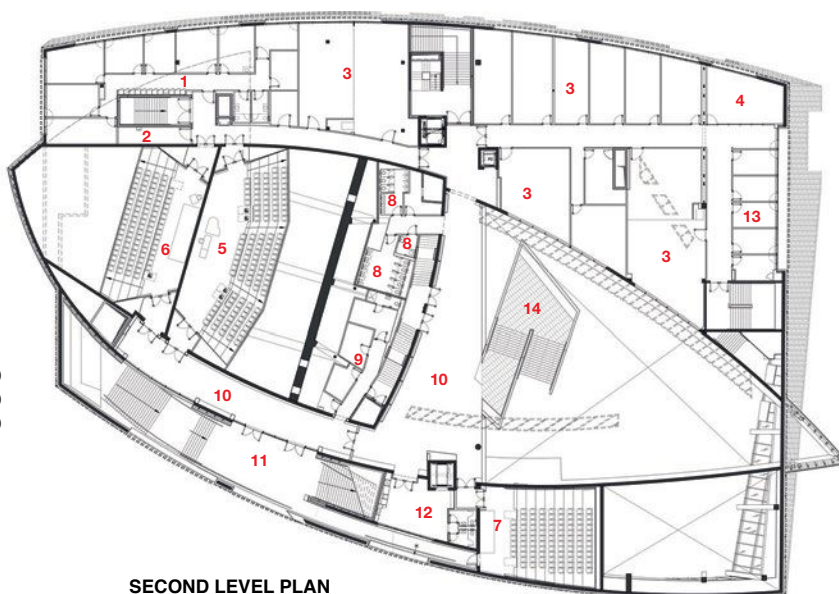
CALL US NOW
1800 11 4050
TOLL FREE

Ajay Industrial Corporation Limited (Since 1961)

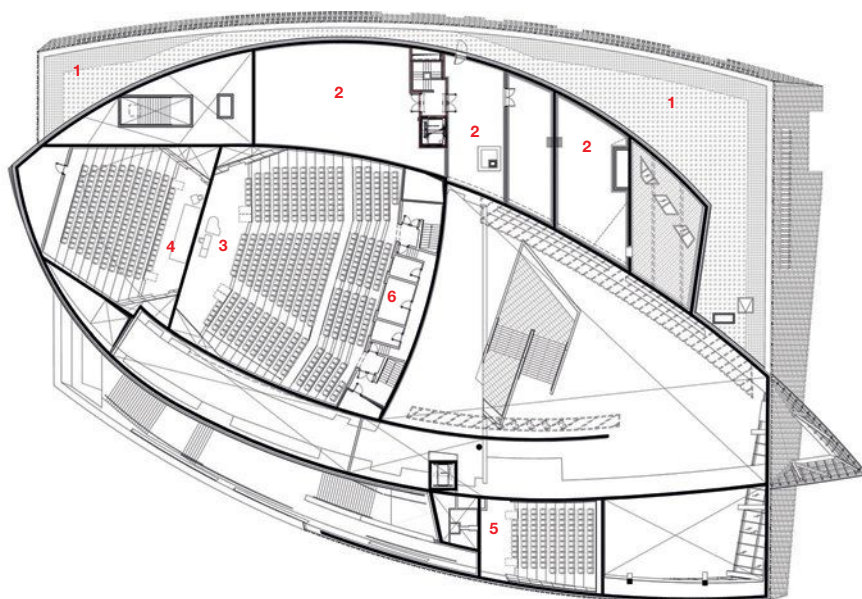
B-II/29, Mohan Co-operative Industrial Estate, Badarpur Border, Delhi-110044, Ph: 011-65484046

Fax: 011-41677252, Email: info@ajaypipes.com, W: www.ajaypipes.com

1. ADMINISTRATION
2. STORAGE
3. MEETING ROOM
4. BREAK ROOM
5. AUDITORIUM 1 (500 SEATS)
6. AUDITORIUM 2 (200 SEATS)
7. AUDITORIUM 3 (100 SEATS)
8. TOILET
9. GREEN ROOM
10. SPILL OUT SPACE
11. PUBLIC TERRACE
12. SALON V.I.P
13. OFFICES
14. GRAND STAIRS



SECOND LEVEL PLAN



MEZZANINE FLOOR PLAN

1. GREEN ROOF (EXTENSIVE)
2. PLANT ROOM
3. AUDITORIUM 1 (500 SEATS)
4. AUDITORIUM 2 (200 SEATS)
5. AUDITORIUM 3 (100 SEATS)
6. CONTROL ROOMS

that cantilevers over the street to the north. The lower walls are clad with vertical slats of unfinished Robinia wood that echo the trees in a neighbouring park. In plan, the centre is a spiral that ascends on its self and articulates a planted green-roof and public terrace. To the north, at street level

the façade appears to lift up to reveal a glazed entrance, finished with deep blue aluminium mullions. To maintain the visual integrity of the form, the architect inserted few windows along the ribbon wall—and those are fronted by slats that are rotated to allow for daylight and views.

Limitless Possibilities



India's Lighting Company



D-10, Ambattur Industrial Estate, Chennai - 600 058.
Tel : 26257710, 42281950, Fax : 26257866
Cell : 95000 79797, 95000 85511 | Email : info@klite.in

Website : www.klite.in



Photo credit: Georges De Kinder



ELEVATION

Surrounding the complex is a forecourt of polished, light grey concrete, flecked with bands of Belgium blue stone. These blue bands continue onto the ribbon walls and into the interior forming an irregular pattern that unifies the design.

Visitors enter the space to encounter a bright, open double-height lobby or “Forum”. Here skylights cut through the length of the crescent-shaped space at irregular intervals to usher in daylight, and create shifting patterns of natural illumination. Soft grey concrete floors are cross-



THE LONGEST WARRANTY WITH THE WIDEST RANGE.

A 12 year warranty on all Hindware faucets.



Element | Barrel Neo | Cornnice | Armada | Oros | Kylis | Rubbic | Fluid | Quadra

Applicable on entire faucet range

Hindware is proud to announce for the first time in India, A 12 year warranty on the widest range of faucets with exceptional aftersales service.



The all new 3C technology enhances the efficiency of the Cartridge, Casting & Coating, ensuring zero leakage & everlasting shine.



India's most awarded & certified bathroom products company



/hindware



/hindwarehomes



/user/hindwarehomes

Now available at stores mentioned below:

Zone: Central. Agarwal & Company, Ashok Bhawan 41, Shivaji Marg, Naka Hindola, Uttar Pradesh, Lucknow. Chandgi Ram Stores, H-16, Sector 9, Uttar Pradesh, Noida. Deepak Marbles, 62, Naveen Park, Shyam Park (Extension), Sahibabad, Uttar Pradesh, Ghaziabad. Shree Shyam Ji Traders, NH-20, Pathankot Road, VPO Ladwara, Teh-Shahpur, Himachal Pradesh, Kangra. Shama Iron Store, G.T Road, Sujampur, Punjab, Pathankot. MC & Co, Motilal Nehru Nagar Marg, Pocket C, Nehru Nagar II, Nehru Nagar, Uttar Pradesh, Ghaziabad. The Home Depot, A-32, Virat Ashwarya Apartment, D/63/5J, Mahorganj, Uttar Pradesh, Varanasi. **Zone: East.** Leena Plastic, Chanmari, Aizawl, Mizoram. **Zone: North.** Ganesh Trading Company, F-4, Mahavir Enclave, Near Sulabh Shochalya, Dabri Road, Delhi, New Delhi. Deep Traders, 25, Najafgarh Rd, Raja Garden, Delhi, New Delhi. Jamdagni Traders, 1-Ratiram Park, Shivaji Marg, Najafgarh, Delhi, New Delhi. Kwatra Tiles & Sanitaryware, F-156, Main Road, Jagatpuri, Delhi, New Delhi. Bath Selection, Shop No.29-B, Corner Market, Malviya Nagar, Delhi, New Delhi. Pearl Tiles & Sanitary, Main Dhuruhera Sohana Road, Opp. Ravindram Hotel, Maheshwari, Haryana, Rewari. Aggarwal Sanitation, Sirsa Road, Allenaabad, Haryana, Sirsa. Kumar Traders, Subhash Chowk, Haryana, Sirsa. Surya Builders, Surya Tower, Ambedkar circle, Rajasthan, Alwar. G C And Company, Sco-10, Sector 3, HSIIDC, Haryana, Karnal. Uttarakhand Steel & Build Mat.Tore, Near Sbi Devi Road, Uttaranchal, Pauri Gerhwal. **Zone: South.** Sriram Agencies, D.NO.9-31a,SNS Complex, Near Kalkoora Machine, Ambagilu, Karnataka, Udipi. Abhivairavan Plumbing Co, No 59/1, Arcot Road, Kodambakkam, Tamil Nadu, Chennai. Jayshree Tiles, 332/1, Arcot Road, Kodambakkam, Tamil Nadu, Chennai. Dharan Bath Fittings, Seelanaickanpatty Bye Pass, Tamil Nadu, Salem. Vijay Enterprises, No. 111, Eldams Road, Teynampet, Tamil Nadu, Chennai. Prassuha Metal, Ericadu, Puthuppally, Kerala, Kotayam. E-Way Home Depot, Ch-Bye Pass Junction, Pandikkal Road, Manjeri, Mallapuram, Kerala. Crescent Hardware And Steel, Khaithon Complex, Thenhipalam (P.O), Kerala. Malappuram. Amar Sanitary Stores, 37-93/378/1/Nr Naredmet, Sainikpuri, Secunrabad, Telangana, Hyderabad. Hemant Enterprises, Alankar, Prakash Marketing, H.No.14/1/211/531/3,Parvath Nagar, Madhapur, Telangana, Hyderabad. CMB, CMB, Plot No.52,Beside Vamsiram Yothi Elegance, Near To Utsav Resturant, Kaveri Hills, Telangana, Hyderabad. Sri Laxmi Sanitary Store, Plot No. 2-4-70 / 39 / 10, Opposite Venkateshwara Swamy Temple, Nagole Ring Road, Telangana, Hyderabad. **Zone: West.** Neel Ceramics, Opp. Swaminaratyan Temple, NH No.8, Rakhial, Near Rajendra Park, Gujarat, Ahmedabad. Siddh Ceremic, Valsad - Dharampur Rd, Atak Pardi, Gujarat, Valsad. Marble Park, Vardhman Complex, Nr. D.C.B.Bank, Gujarat, Vapi. Stylized Ceramics, Shop No 10/11/12, Santa Cruz (West), Rizvi Park S.V Road, Maharashtra, Mumbai.



Photo credit: Georges De Kinder

hatched with inlaid Belgium blue stone, and a sculptural grand staircase constructed of cast-in-place concrete and finished with a white gloss surface and blue stone steps that lead visitors to the upper auditorium floors.

The centre features three auditoriums of varying sizes – 500, 200 and 100 seats, each fitted with vibrant orange Tangram seats. In addition to the forum, which can host special events, parties and temporary exhibits, the centre features a 380sq m (4,090sq. ft.) dedicated to multi-event space as well as 16 meeting rooms of varying sizes and with flexible layouts.

Highly energy efficient, with a green roof, passive shading, night cooling and fitted with photovoltaic cells, the MICX is on track to achieve Valideo status B, Belgium's equivalent to LEED GOLD. +

Factfile

Client: City of Mons, Belgium

Consultants: Ney & Partners (Structural), Venac (Acoustical), Putman (Electrical and Installations), Energys (Mechanical and Installations), Somec Group (Façade)

Contractors: CIT Bleton/Galère (Belgium)

Cost of project: 27 million (incl. taxes)



MALAYSIAN INTERNATIONAL FURNITURE FAIR 2017

8-11 MARCH

PWTC & MECC, KUALA LUMPUR



presents



Southeast Asia's Largest Sourcing Centre for Modern Workplace Solutions

High quality
furniture for offices

Innovative
design solutions for
commercial spaces



Don't Miss the Region's Biggest Showcase of the Wooden and Home Furniture

www.miff.com.my



Organised by
UBM Malaysia

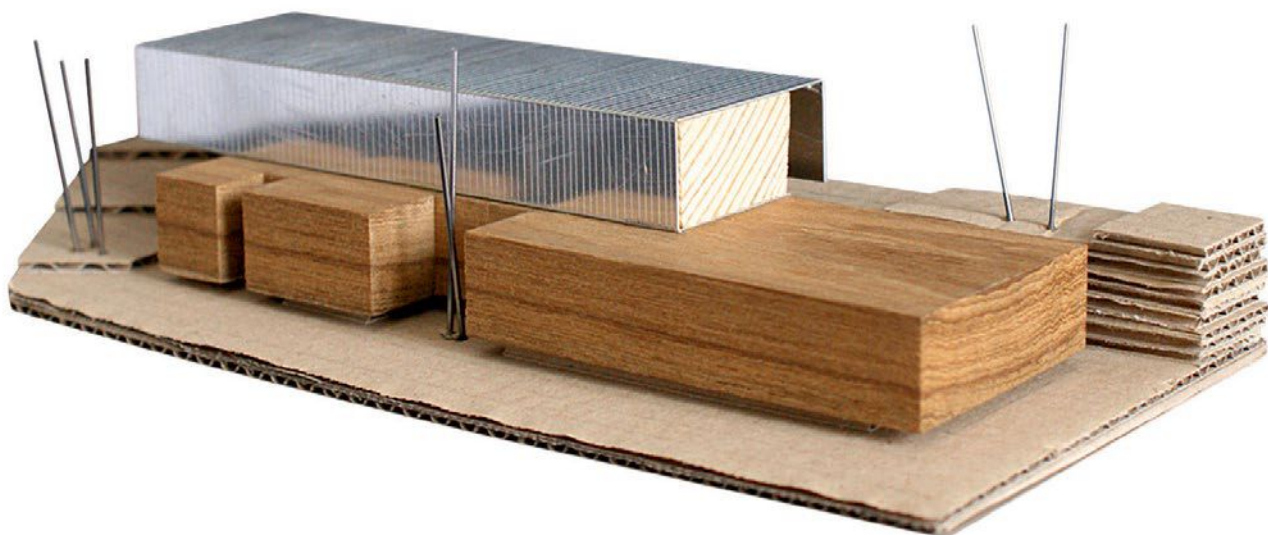
+603-2176 8788

+603-2164 8786

info@miff.com.my

Strategic partner





A Police Station

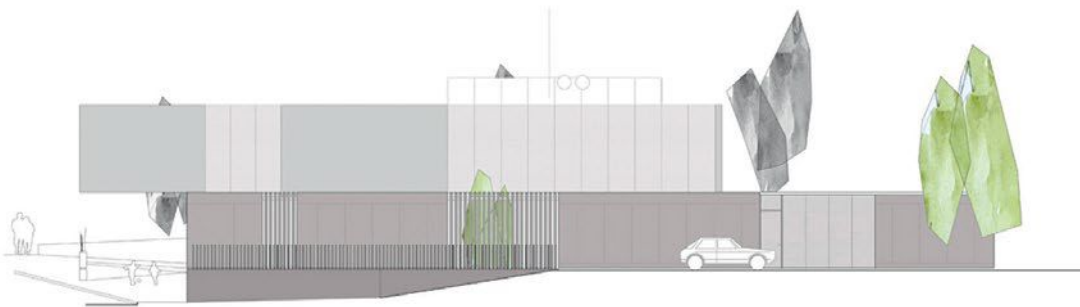


Project: Police Station and Multipurpose Space, Xixona, Spain
Architects: dmp arquitectura, Alicante, Spain

The space requirement programme requested by the developer (Townhall) included all the departments, public and restricted use, necessary for the proper operation of a facility of this nature. In the office, the architects thought to incorporate a public space which could be used by the neighbourhood as a multipurpose space that would allow us to provide greater flexibility to the building.

The inclusion of this multifunctional space in a building with defined programme, allowed to bring the work of the police to citizen and converting the facility into a magnet for the local people on which, in some way, could begin to turn the social life of the neighbourhood in which it is located, out in the suburbs.

The steep slope of the plot made the architects think about two layered volumes, parallel to the Avenida Joan



SECTIONS



Sunshine Yellow is perfect for my living room

Breathe new life into your walls with Aquafresh, a range of exterior and interior paints, from MRF Vapocure Paints.

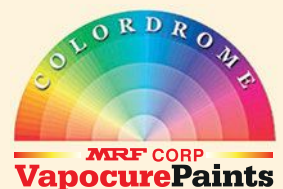


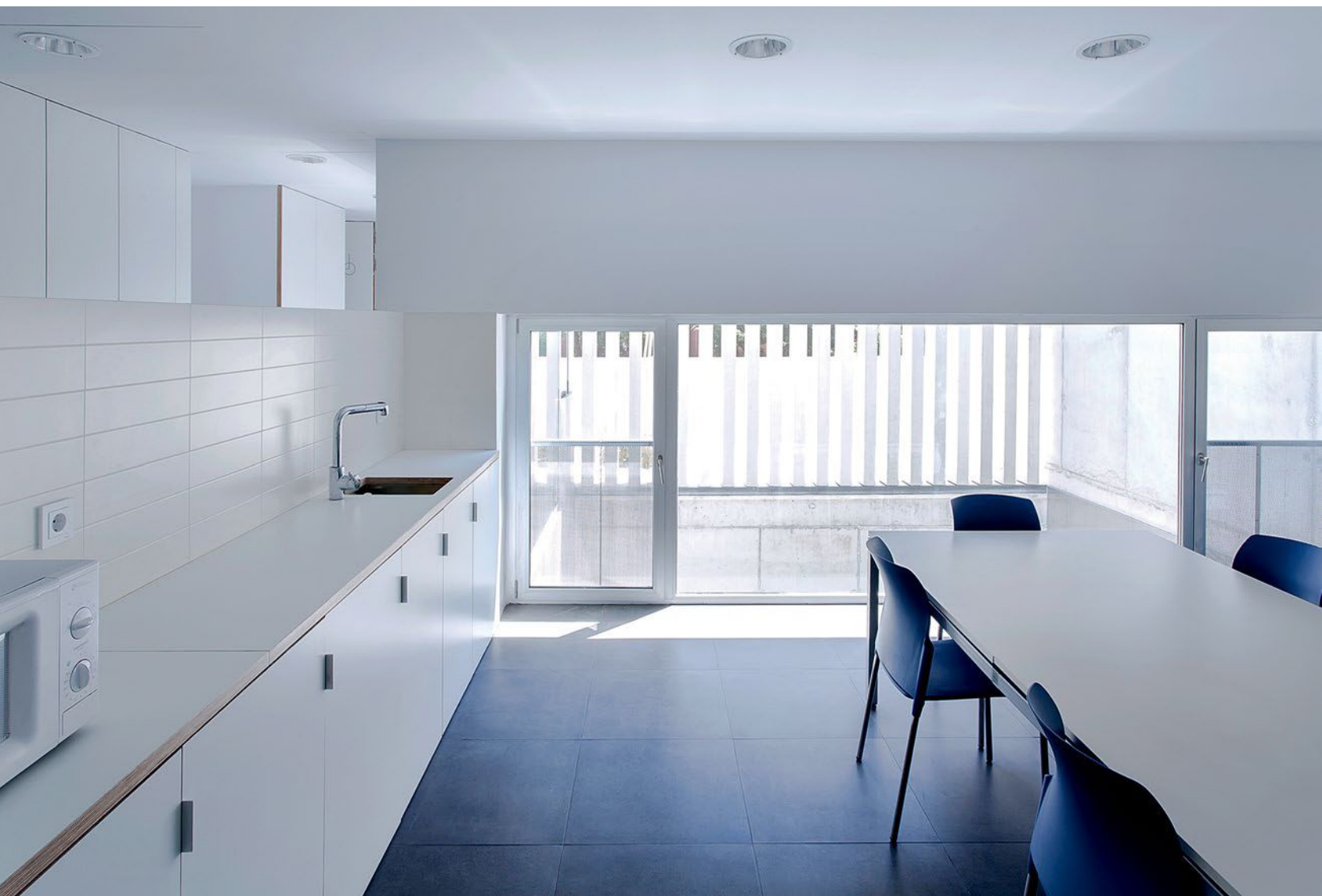
Interior and Exterior – Polyurethane based Wall Finish

- || New generation water based PU wall finish
- || Excellent washability, stain and scrub resistance
- || Best in class Durability
- || Environment friendly – odour free, lead free, no ammonia
- || Available in over 1110 colours

MRF CORP. LIMITED : Regd. & HO: Tarapore Towers, V Floor, 826, Anna Salai, Chennai - 600 002.
 P: 044-2852 1033, 2855 0297, 2855 0298 | F: 044-2852 0912 | E: vapocure.ho@mrfmail.com
 ZONAL OFFICES: New Delhi: 011-4545 8816 / 17 | Noida: 0120-411 8411
 Kolkata: 033-2423 5175 / 2423 5141 | Mumbai: 022-6765 3539, 6770 7226
 Bengaluru: 080-2314 2901 / 43002 / 47981 | Chennai: 044-2861 0022 / 0044 / 0066

For more information visit: www.mrfpaints.com





Fuster and with a small displacement between them. In this way, the upper body includes the entry from the avenue that is configured as a ramp, which with a slope opposite to that of the street, allows in the most natural way the entry into the building. This ramp is integrated inside the building being covered by a perforated aluminium lattice. Around the corner of this body, previously understood as ground floor, becomes the first floor and with its cantilever marks the entrance to the multipurpose space.

On the first floor the architects placed the public programme of the police building. The ground floor space is shared between the versatile space for the neighbourhood and restricted use for the police building. In the basement, lit by a courtyard, the architects placed the locker rooms, the briefing room and a large warehouse. ✚

Photo credit: David Zarzoso

Factfile

Client: Xixona Town Hall

Design team: Daniel Martí & Natàlia Ferrer

Execution team: Julián Garrote + Sergio Mira + José María Jódar

Consultants: David Boixader (Structure), Desla Ingeniería + Òscar Galiana (Installation) Consultant - Desla Ingeniería + Òscar Galiana

Contractor: Castelló, Construcciones e Infraestructuras S.L.

Built-up area: 842sq m

The perfect blend of

Beauty & Function

False Ceiling by Vboard

Vboard is a Fiber Cement Board with zero wood content that does not need constant care or refurbishing, caused by agents of weathering.

- ✓ A smart replacement for Gypsum Board !
- ✓ A beautiful home is an essential requirement and desire of any individual.



VISAKA INDUSTRIES LIMITED
 Tel: +91 40 2781 3833, +91 8008 496 755
 Email: domestic.vboard@visaka.in
 constructionnext.in | vnextbyvisaka



Fire
Resistant



Water
Resistant



Termite
Resistant



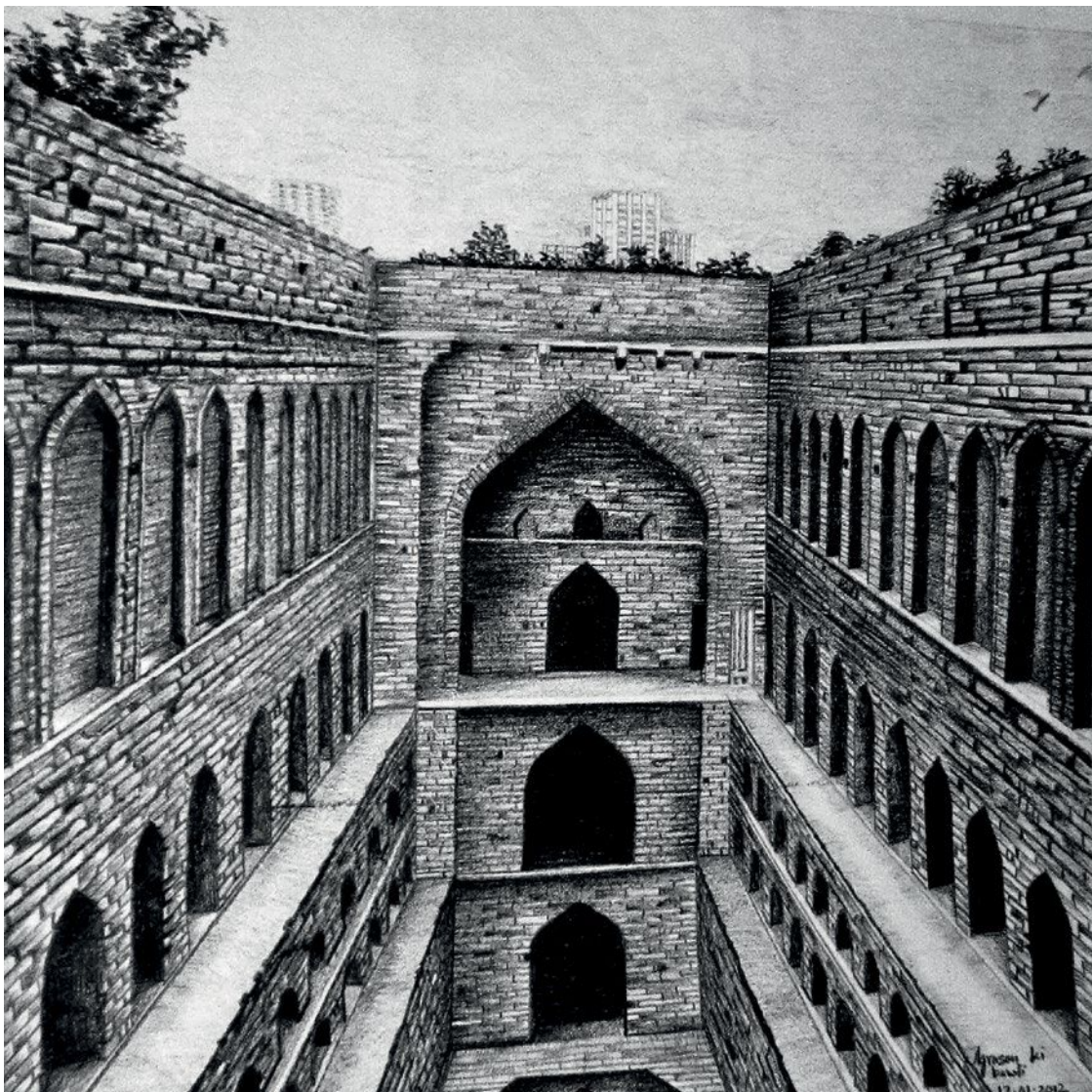
Environment
Friendly



100%
Asbestos Free

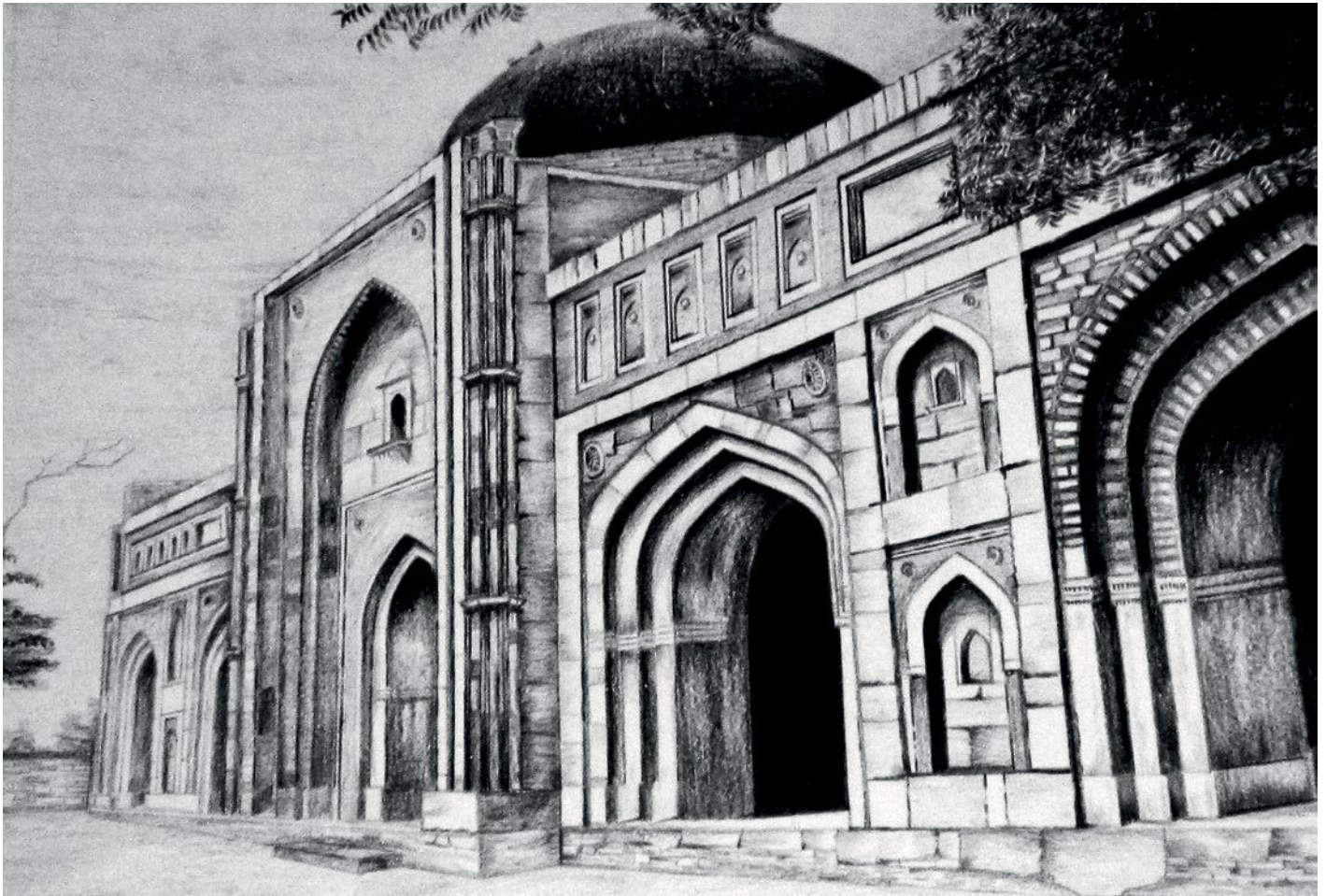
Glimpses of the Robust Past...

Architecture+Design brings across a collection of sketches showcased at an exhibition “Shahar-e-dilli” presented by the India Habitat Centre, New Delhi. These sketches are rendered in black and white by New Delhi-based artist **Yajaneeka Arora** that explores the grandiosity of Delhi’s architectural ruins.



■ **Agrasen Ki Baoli**

It is located in the narrow Hailey Lane, off Hailey Road, near Connaught Place, New Delhi. Agrasen Ki Baoli is an elaborate well with steps leading down to the source of water. In fact, a *baoli* is much more than a stepwell. It is a staircase well divided into multiple levels with elaborate architecture and intricate design.



■ **Jamali Kamali Mosque**

Jamali Kamali Masjid is put up within the Archeological Village complex in Mehrauli. This mosque is famous for its brilliant and attractive visual designs made of gray stone (Delhi Quartz), extracted from the ranges of Aravalli.



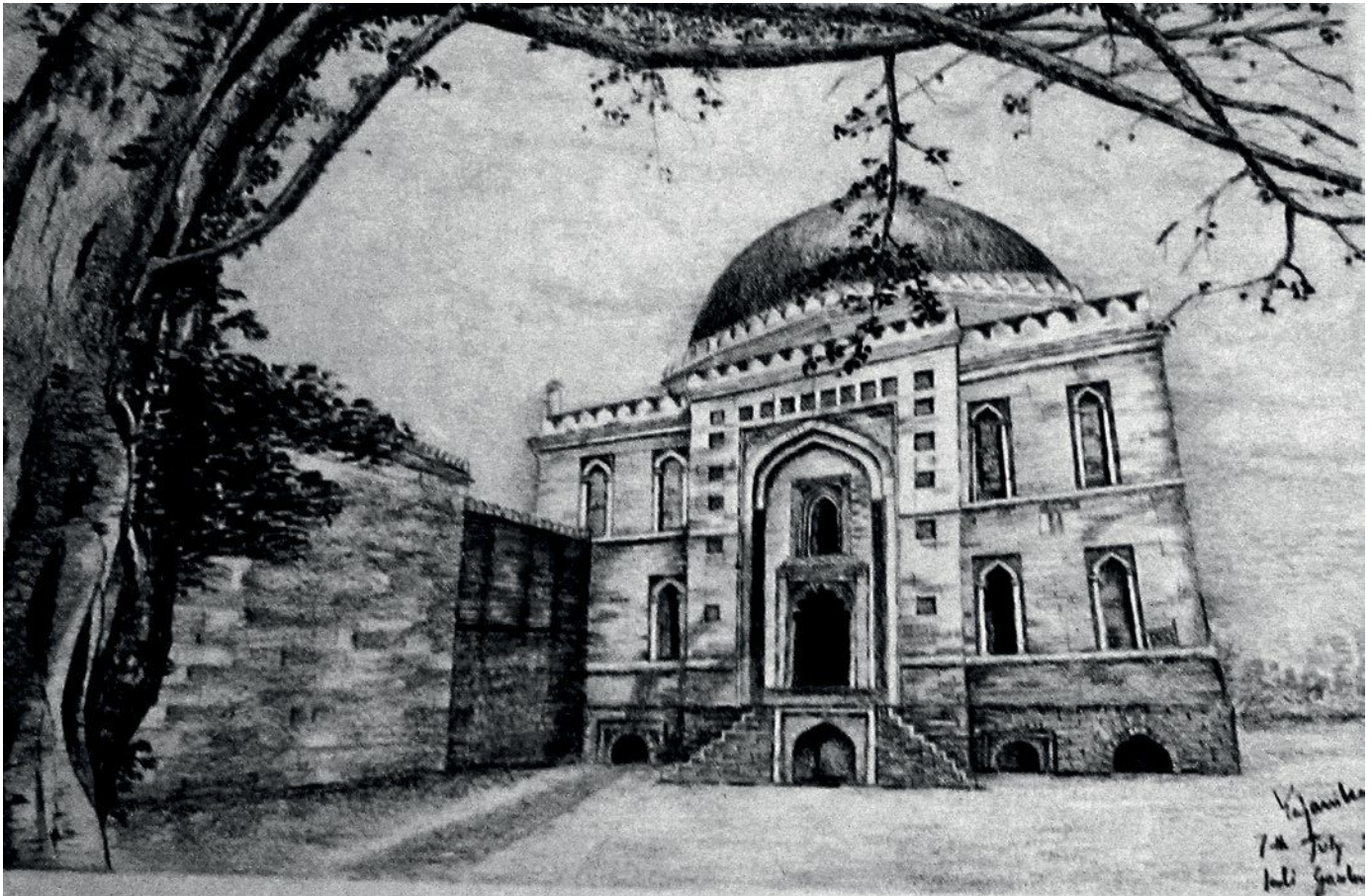
■ **Qutub Mosque Ruin**

The sketch highlights the texture of the stones, the ethereal play of cracks and the ravages of time on its surface. The Qutub Minar complex in southern Delhi was initiated by Qutub-ud-din Aibak, the first Sultan of Delhi and the founder of the Slave Dynasty (1206-90), to celebrate the onset of Islamic rule in India.



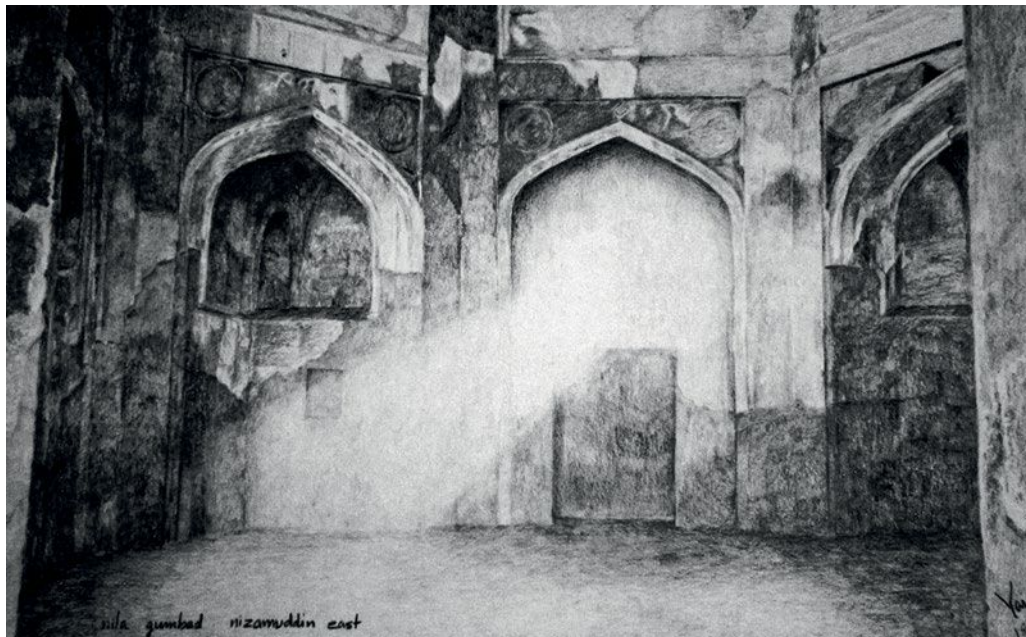
■ **Lodi Garden**

This sketch is of arches inside a mosque in Lodi Garden. This angle was sketched due to its perspective, light and shadow. Lodi Garden, located on Lodi road between Safdurjung's Tomb and Khan Market in south Delhi, covers an area of 90 acres and is dotted with beautiful monuments and tombs, belonging to the Sayyid, Lodi and Mughal dynasties.



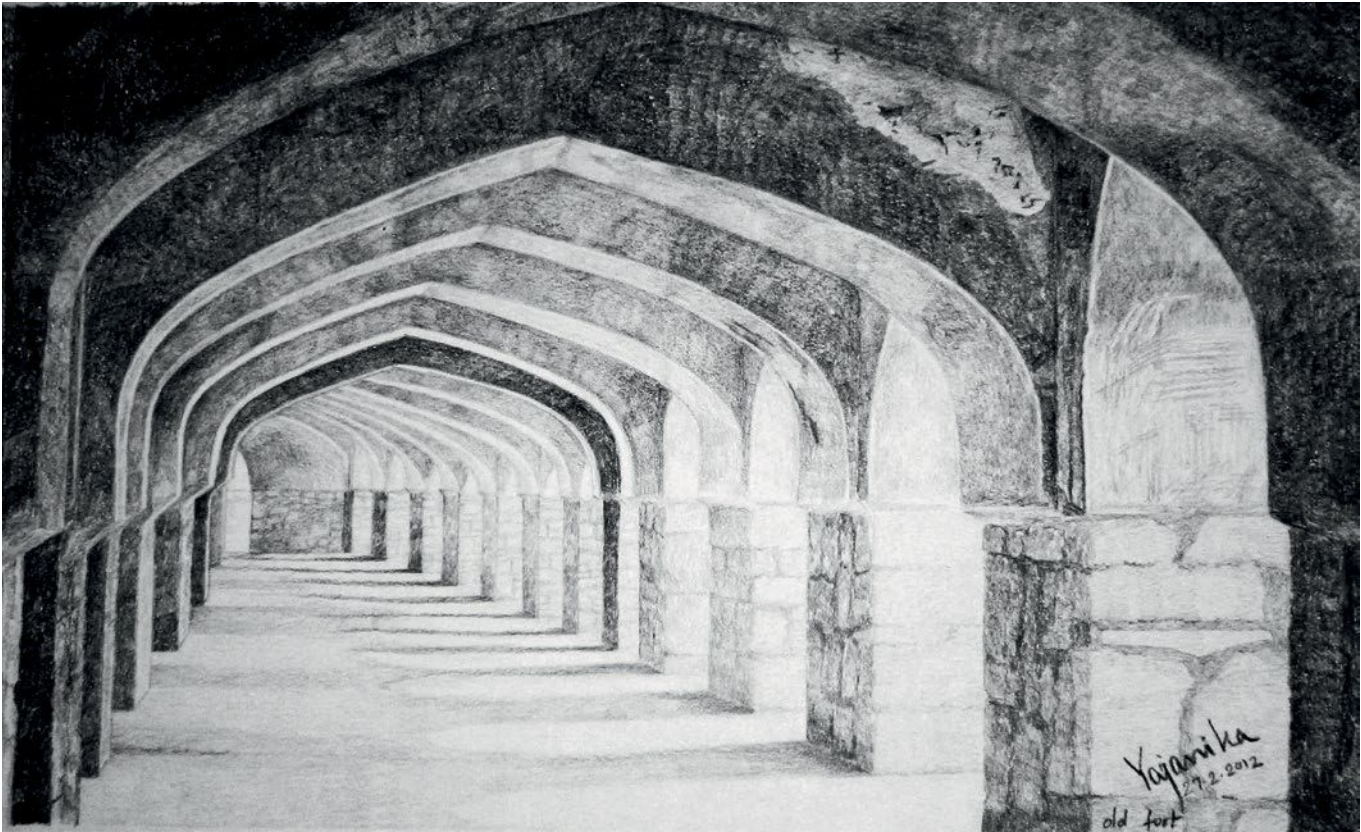
■ **Bara-Gumbad**

Bara-Gumbad mosque was built with ashlar stone. Its rectangular prayer-hall has five arched openings and is a fine example of the early Mughal mosques. The tapering minarets, built in the Tughluq style, coloured tiles and Quranic inscriptions ornament this mosque. Built in 1494, this mosque was constructed during the reign of Sikandar Lodi.



■ **Nila Gumbad**

This is the inside of Nila Gumbad, located outside the eastern enclosure wall of Humayun's tomb, showing the stream of light coming through the window. It is believed to contain the remains of one Fahim Khan, the attendant of Abdur Rahim Khan, who lived during the reign of Jahangir.



■ **Arches - Purana Qila**

Purana Qila was built by Mughal king Humayun in the 1530s. It is the oldest fort in Delhi and is thought to be the exact spot of city of Indraprastha.



■ **Rajon Ki Baoli**

The Rajon Ki Baoli is a stepwell that has its own niche among these monuments, as a relic of the last pre-Mughal dynasty, the Lodhis. It is believed to have been built by Daulat Khan in the time of Sikander Lodhi. It is said to have been used for some time by Raj Mistri (masons). Pluralised, that is how the structure got its name. Since most of the structure is subterranean, only the topmost storey is visible above the ground. ✚



The Wadhwa Group
Landmarks planned with passion

WE CEMENT RELATIONSHIPS THAT GO BEYOND BRICK & MORTAR.

THAT'S OUR STORY.

Tall structures may be built of brick and mortar, but timeless structures are carefully handcrafted from trust and passion. That's why we, at The Wadhwa Group, go beyond simply designing invigorating spaces; we build everlasting relationships. For over 47 years, we have endeavoured to ensure absolute transparency, consistency and on-time delivery - with a number of projects handed over before time. We highly value our relationship with our stakeholders at all levels, across the entire spectrum of our business. It is this relentless commitment that has helped us forge successful long-standing associations with our partners and customers. At The Wadhwa Group, we measure our success in your smiles and indeed, your invaluable trust is our true reward.

THE WADHWA LEGACY

- 47 years of trust • 15,000+ happy families
- Over 1.4 million sq.m. developed • 100+ MNC clients



OUR LANDMARKS

- The Address, Ghatkopar
- The Capital & Platina, BKC
- Anmol, Anmol Pride, Anmol Prestige, Goregaon (W)
- Solitaire, Powai
- Aquaria Grande, Borivali (W)

AWARDS

- Asia-Pacific Commercial Property Awards
- Commercial Developer of the Year – Excellence Award
- Best Commercial Building Project for 'The Capital' – NDTV Property Awards
- Best Commercial Developer – Acetech Alpha Awards
- Symbol of Excellence in Realty – The Economic Times BRB Awards

Corporate office: Plot No. C-59, 3rd Floor, Platina, G Block, BKC, Bandra (East), Mumbai-400 051, Maharashtra.

Project Feature



The building design optimises the therapeutic benefits of access to nature and landscape...

Project: Bridgepoint Active Healthcare, Toronto

Architects: Stantec Architecture/KPMB Architects, HDR Architecture/
Diamond Schmitt Architects, Toronto

The project is the largest facility of its kind in Canada, a 464-bed centre for rehabilitation and patients living with complex health conditions. The new building replaces Bridgepoint's mid-century structure on the same site and provides for a totally different kind of patient and work environment, one designed to connect with nature and engage the community and to motivate wellness and recovery through salutogenic design.

The striking building is prominent in a park setting next to a highway in downtown Toronto, with pop-out windows adding detail and texture to the façade. There are as many bay windows as patients. An environment of wellness supports individuals as they progress through a gradual rehabilitation process, where social and dining spaces encourage interaction and promote self-efficacy. There are quiet, calm spaces for rest and therapy, including a ground floor porch, which is accessible to the community, a therapy pool with picture windows overlooking a park, a green rooftop terrace and an outdoor labyrinth patterned on the one at Chartres Cathedral in France. The building design optimises the therapeutic benefits of access to nature and landscape, and provides views of the community and skyline of the city to ensure patients and staff feel constantly connected to the world outside and to inspire patients to return to active life.

To mitigate the scale of this facility, a vertical campus concept was conceived to create a community of stacked

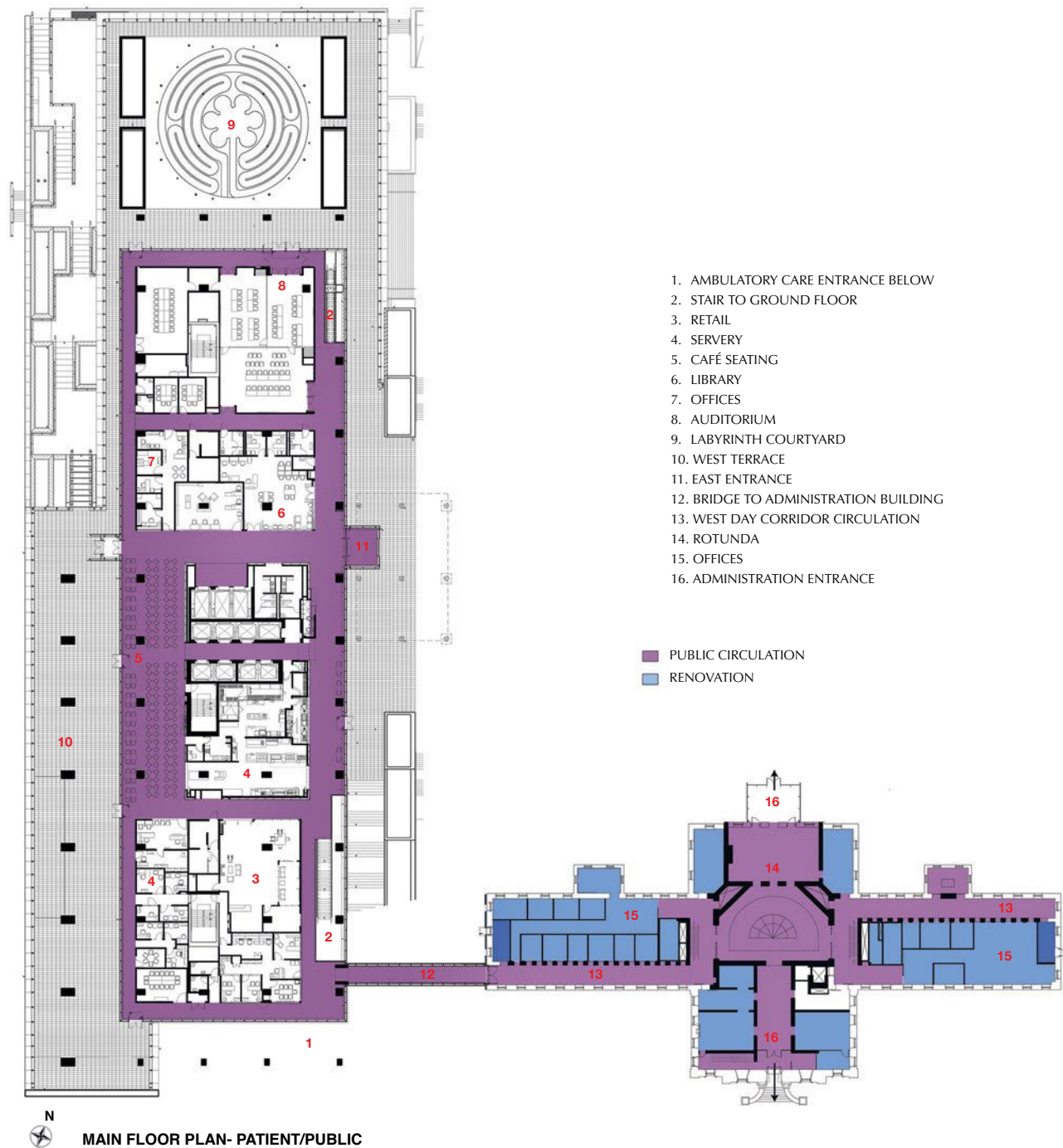
neighbourhoods of patient units. Each floor is clearly ordered and organised into two neighbourhoods of 32 beds configured in single and two-patient rooms. Shared therapy space is centralised on each floor at the cores with some common spaces to the north and south.

The salutogenic approach informs architectural details, textures and finishes connecting with a person's sense of physical and emotional well-being and is expressed in colour selection and floor patterning. Neutral tones in the middle zone of the blocks graduate to green in the north, adjacent to Riverdale Park, and blue in the south where lake views can be enjoyed.

This project is undergoing a rigorous hospital facility Post Occupancy Evaluation (POE) to measure and assess the effect of architecture on well-being and health outcomes. The project will be an exemplar for evidence-based design to 'demonstrate substantive outcomes related to capital investments' and to ultimately contribute to international research in the field of healthcare design.

The adjacent pre-Confederation Don Jail from the 1860s was restored to become the hospital's administrative offices.

The whole premise of Bridgepoint is that today the major success of modern medicine is that people are living with, instead of dying with, practically everything. Not only are people surviving, but they are living well. Hospitals can diagnose and treat people to live with disease, but they can't



always cure them from the disease. In Canada, one of every two Canadians is living with an underlying major illness.

This increase in chronic disease has resulted in a burden on the healthcare system—a problem that is challenging one of the building blocks of the Canadian identity: accessible healthcare. The current challenge is how to focus on enhancing quality of a prolonged life while reducing operating costs.

The new hospital will focus on complex chronic disease and disability care. Patients using the facility are coping with multiple ailments such as diabetes, cancer and musculoskeletal conditions. These patients carry a fairly high burden of illness and disability and spend a lot of time in hospitals and doctors' offices.

Bridgepoint is transforming the way patients living with complex health conditions receive their healthcare. Its Active Healthcare approach shifts away from isolated treatments by multiple care providers, and toward a collaborative plan that encompasses the individual's overall medical and psychosocial well-being. Active Healthcare puts the patient at the centre of their care. Through groundbreaking research, academics, specialty care, primary care, restorative care and ongoing support, Bridgepoint's goal is to help every person living with multiple health conditions see what's possible and live better.

Due to the complexity of the project—the site, approvals, the goals of Bridgepoint Health, the requirements of the Ministry of Health and Long Term Care (MOHLTC) and the



FIFTH FLOOR PLAN

- 1. TERRACE
- 2. QUIET ROOM / SPIRITUAL CARE
- 3. MEETING ROOM
- 4. INTERNET CAFÉ
- 5. HAIR SALON
- 6. MECHANICAL/ELECTRICAL
- 7. IN HOUSE PHARMACY
- 8. COMPLEX CONTINUING CARE CORE PROGRAM



TENTH FLOOR PLAN

- 1. GREEN ROOF
- 2. ROOF TERRACE
- 3. AUDITORIUM
- 4. SHARED DINING
- 5. COMPLEX CONTINUING CARE CORE PROGRAM
- 6. PATIENT LOUNGE

- PATIENT ROOM
- SEMI-PUBLIC CIRCULATION



ELEVATION



City of Toronto—the project was implemented by two teams: Planning, Design and Compliance (PDC), and Design Build Finance and Maintain (DBFM).

STANTEC/KPMB formed the PDC architect team, and later advocated for the development of a design exemplar model (a process used in other countries, such as the UK, but not to date in the realm of healthcare design in Canada). The Design Exemplar model provided strict design parameters for the DBFM architects to ensure that the project's vision was successfully translated into built form. This project is the first hospital within the Infrastructure Ontario Alternate Finance Procurement (AFP) programme to be delivered using a design exemplar model.

When HDR/Diamond Schmitt Architects won the architectural commission for the Design, Build, Finance and Maintain (DBFM) consortium to build Bridgepoint Health

(as part of the Plenary Health team), the project had been in development for seven years. The DBFM team brought a fresh perspective to the design as mandated by the two-tiered project design and delivery under Infrastructure Ontario's Alternate Financing and Procurement programme.

Many hospitals today are massive blocks with labyrinthine circulation routes, lacking views to assist orientation. Ultimately, the desired image for the new hospital was to create a new paradigm for architecture that supports wellness and preventative care. The sense of being connected to one's urban and natural environment became fundamental criteria for creating a healthy, supportive platform and linking Bridgepoint Health to wellness. The new hospital needed to be an iconic landmark for the area—one that accommodates all of the functional programmes of Bridgepoint Hospital while actively connecting the hospital to the surrounding

 **GreatWhite**[®]
THE FUTURE OF BRIGHT

THE NEXT LEVEL
IN ELEGANCE AND
TECHNOLOGY.

myrah[®]



PRESENTING MYRAH BEVELLED GLASS & LIQUID GLASS PLATES.

Indulge in a collection of sleek designs that give your living spaces an unparalleled contemporary look. Available in various colours, revel in the smooth feel of real glass plates with perfect finish and smooth edges.

For a more futuristic look, choose from **Myrah Mirror** or **Myrah Edge Metal** plates with sharp contrasting chrome edges.

Switches • Lighting & Luminaires • MCB & RCCBs • Wires & Cables



landscape, the larger community site plan of streets and blocks, and respecting and transforming the Don Jail for Bridgepoint's education, administrative offices and health promotion programmes.

The overall image of the site builds upon the master plan completed by Urban Strategies that reorganised the Bridgepoint site into a 9-square grid of streets and pedestrian paths with the Don Jail occupying the centre. The new Bridgepoint Health facility is located on two squares on the north-west edge of the site.

The fenestration pattern was created to respect the needs of an individual patient at Bridgepoint and create a distinct identity for the hospital itself—Narrow floor-to-ceiling windows, within projecting vertical frames, are interspersed

with the predominant horizontal fenestration to provide counterpoint and dramatic views to the sky and down to the Don Valley, and the opportunity to see the outside world from a bed, from a wheelchair, as a patient, a staff member or visitor. The design team developed the relationship between the vertical and horizontal windows for the curtain wall design, with consideration to solar heat gain requirements, practicality of construction and overall cost. The pattern of pop-out windows are located to ensure every patient has a view regardless of whether they are supine or upright or with the privacy curtain drawn. The design intent was to make the pattern appear random on the exterior when, in fact, they are the result of careful calculation to maximise their impact and utility.



JK Cement LTD.



White Cement Based Putty

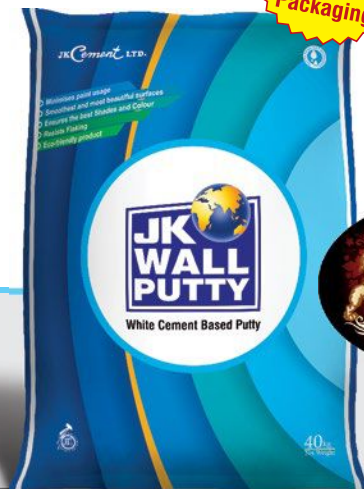
The secret of the INTERNATIONAL Wall Painting Champion

J.K. Wall Putty...

Deewarein Bol Uthengi

- Minimises paint usage
- Smoothest and most beautiful surfaces
- Ensures the best Shades and Colour
- Resists Flaking*
- Eco-friendly product

Now Available in an attractive New Packaging



Central Marketing Office: Padam Tower, 19 DDA Community Center, Phase-I, Okhla, New Delhi - 110 020 **Tel.:** 011 49220000
E-mail: jkwc.delhi@jkcement.com **Website:** www.jkcement.com
Customer Helpline No. : 1800 102 8868

Indications * :

- The Imported High Density Polymer (HDP) compound in JK Wall Putty helps reduce the chances of flaking of the painted surface and enhances its water repelling properties.
- JK Wall Putty is not a water proofing compound and hence any dampness / seepage should be treated appropriately.
- The durability of the product depends upon the quality of the base surface on which it is applied.





The fenestration system also embodies the commitment of Bridgepoint Health to healing and wellness. The placement of the vertical windows—with their complex patterns and rhythms—play across the facades of the building. The fenestration pattern is both the representation of the individual patient at Bridgepoint but also the shared identity of all patients and the hospital itself. The inclusion of design for individual patients culminating in an overall signature image of the new hospital for Bridgepoint reflects the fully integrated nature of the thinking and design of the building.

A key area of focus was the study of windowsill heights—from the inside and out, and from varying positions such as lying in bed, sitting in a wheelchair, standing, etc.—to prioritise a healthy, positive and supportive environment for patients, family, visitors and staff. Patient care units maximise uncompromised views to the outside for all patient rooms, shared therapy and common group spaces.

Sky Garden: To extend the therapeutic benefits of

landscape vertically, the hospital design includes a fifth floor sky garden and tenth floor green terrace. Centrally located to take advantage of views, the fifth floor was conceived as an enclosed sky garden with access to two outdoor terraces—an optimistic light-filled studio environment for shared therapy programmes. A therapeutic green roof on the tenth floor is conceived as a large, accessible terrace and extends the therapeutic benefits of nature vertically.

Meditative Labyrinth: As part of the publicly accessible outdoor terrace at the north ground level, a meditative, therapeutic labyrinth was created to blend the threshold between the hospital and park. It will act as both a space for reflection and a destination for public events. It will promote spiritual healing, and unlike a maze, it has a beginning and an end with no barriers. Patients in their rooms can also benefit by observing those walking the labyrinth.

Therapy Pool: For the therapy pool, the design team played on concepts of resort architecture and the idea of



HOW SAFE IS YOUR PLY ?

LTW+ **ZEROFLAME**
FIRE RETARDANT PLY

Sonear LTW+ ZEROFLAME-Fire Retardant plywood has been developed through extensive R&D and a specialised manufacturing process. This IS:5509 certified plywood with its low rate of burning and higher flame penetration time, ensures your safety and peace of mind in the adverse event of a fire.



VISIT US AT THE ACETECH EXHIBITION ON THE 10TH, 11TH, 12TH & 13TH NOVEMBER 2016, AT STALL NO. -H-8, BOMBAY EXHIBITION CENTRE, GOREGAON EAST, MUMBAI, INDIA
TO WITNESS THE DEMONSTRATION OF THE LTW+ ZEROFLAME PLY AND OTHER CREATIONS FROM SONEAR.

SONEAR INDUSTRIES LTD. Corporate Office: 20 NWA, Punjabi Bagh (W), Club Road, New Delhi - 110026
T: + 91 - 11 - 45021000, 45021028, F: + 91 - 11 - 45021040, E: info@sonearply.com, W: www.sonearply.com

follow us on: <https://www.facebook.com/sonearply> <http://www.linkedin.com/company/sonear-ply> <https://twitter.com/sonearplywood>



a spa (soothing, healing, calming) to de-institutionalise its image and atmosphere. Specifically, locating the therapy pool at the north end of the ground floor, it is effectively extended into the park. With full height glazing, patients can enjoy views out to the park, and its mature trees, landscape and the activities in the public park as a vital image to promote patient self-efficacy. The transparent sides allow clinical staff to monitor exercises are done effectively and to maximise successful outcomes.

Sustainable Design: The energy performance of the new hospital was fundamental to meeting the LEED Silver certification requirements for the project. The new Bridgepoint and the Don Jail buildings will perform at least 28% better than the MNECB Reference Case building. The 28% reduction in energy costs is achieved through a high performance HVAC system and building envelope which included: High performance heat recovery system; Variable frequency drives on all pumps and fans; High efficiency boilers, chillers, and lighting systems; Double glazed windows, and an overall Roof insulation of R-30.

Other sustainable design features include: 100% underground parking, and 50% green roof to reduce urban island heat effect; Provisions for electric vehicle charging stalls; Secure bicycle parking and change rooms to

encourage cycling; Site and building lighting was designed to reduce light pollution and save energy; Drought tolerant landscaping to reduce irrigation water use by 50%; Low flow water fixtures to reduce potable water use by up to 30%; Use of building materials with high percentages of recycled and regional content. Zero use of materials that contain harmful levels of chemicals, such as Volatile Organic Compounds (VOCs) and Urea-Formaldehyde (UFA). ☒

Factfile

Client: Bridgepoint Health

Design team: Stantec Architecture/KPMB Architects (Planning, Design and Compliance Architects), HDR Architecture/Diamond Schmitt Architects (Design, Build, Finance and Maintain Architects)

Consultants: Stantec Architecture / KPMB Architects (PDC Architects), HDR Architecture / Diamond Schmitt Architects (DBFM Architects), Halsall and Associates (Structural Engineer), Smith & Anderson (Mechanical /Electrical), The MBTW Group (Landscape Architect), A M Candaras Associates (Civil Engineers), Halsall and Associates (Sustainability), E R A Architects (Heritage PDC), The Ventin Group (Heritage DBFM)

Cost of project: \$315.0M

Year of completion: 2013



PRINCE

Piyush Chheda Group



SWR Pipes & Fittings



UPVC White Pipes & Fittings



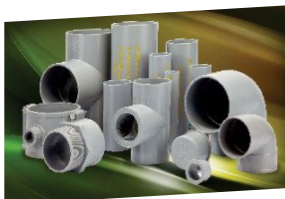
PPR Pipes & Fittings



CPVC Pipes & Fittings



Rainwater Harvesting Systems



AGRI Pipes & Fittings



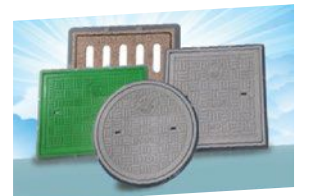
Bore Well Pipes



Under Ground Pipes



FOAMCORE PVC Pipes



Manhole Covers

WIDEST RANGE OF ANY PIPING SYSTEM AVAILABLE UNDER ONE ROOF

PRINCE

Sunshine Plaza, 1st Floor, Naigaum Cross Road, Dadar (E), Mumbai - 400 014, India.,

Phone : +91-22-4030 3333/ 44 / 55, Fax No.: +91-22-4030 3322,

Email : info@princeswr.com, Website : www.princeswr.com. follow us on :



System is Quality !



Students' Section

The Design Degree Exhibition of the graduating students (2014-2016) of the Industrial Design Department at the School of Planning and Architecture was recently held at the India Habitat Centre, Delhi. The designs were exhibited through drawings and large scale prototypes and models. We publish a few select thesis projects...



Student: Ankan Srivastava

Thesis Guide: Prof Neerja Tiku, Naveen Rampal

Project: Alpha Responder – Emergency Response Vehicle

DESIGN BRIEF

To design a first responder vehicle for quick rescue operation according to prevailing emergency situations.

DESCRIPTION

The idea is to design an Emergency Response Vehicle which will be able to respond to multiple types of urban emergencies in a more efficient and timely manner. In the design of the responder, we have discussed the viability of various vehicles and have proposed a solution comprising

various emergency kits integrated on a bike. Cities today are growing rapidly, as a result of which vehicular traffic is becoming denser day by day. In such situations, time is a critical factor while responding to imminent emergencies. 'Alpha Responder' a two wheeler emergency response vehicle is designed to pass through heavy traffic, access narrow lanes and remote areas, and reduce the response time required to make necessary first hand help available at the spot of emergency.

Student: Chinmay Pradnya Prabhakar Lokhande
Thesis Guide: Prof Neerja Tiku, Naveen Rampal
Project: In-Slider

DESIGN BRIEF

To design a multi-functional furniture module which targets the young working class living in small sized apartments and rented accommodations.

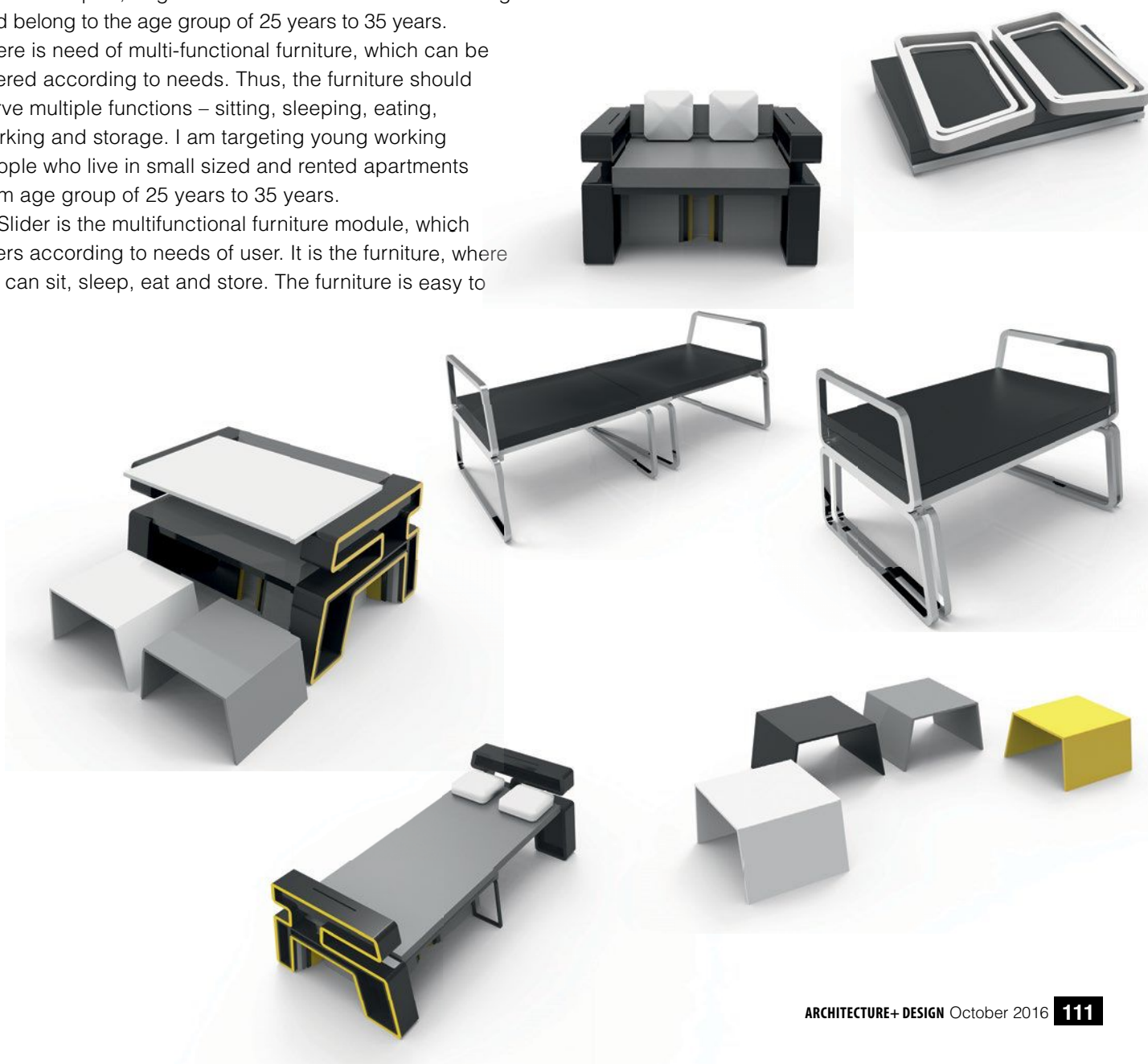
DESCRIPTION

In the metro cities like Mumbai and Delhi, there are always problems of space for living. Many people across India come to these cities for jobs and reside there. These people prefer to stay in small houses like 1 BHK and 1 RK. In this type of houses, there are two types of people, one who has furniture in small space which occupies a lot of space in room; and other who has less or no furniture and do not want to spend more money on furniture as they keep changing places. Also the transportation is their main concern while shifting. These people are mostly newly married couples, single users or bachelors who are working and belong to the age group of 25 years to 35 years. There is need of multi-functional furniture, which can be altered according to needs. Thus, the furniture should serve multiple functions – sitting, sleeping, eating, working and storage. I am targeting young working people who live in small sized and rented apartments from age group of 25 years to 35 years.

In-Slider is the multifunctional furniture module, which alters according to needs of user. It is the furniture, where we can sit, sleep, eat and store. The furniture is easy to

transport and convert, affordable, modular, luxurious, comfortable, compact and detachable. The furniture initially acts as a single seater chair and then can alter it into multi seater furniture by sliding it sidewise. Also by sliding, it can be altered into bed for single user and has an option to change into stools for seating. The backrest of the furniture is detachable and can be used as dining table top. There is small niche at hand rest for keeping things like mobile phone and remotes of TVs/music systems and there is other storage for keeping books and small goods. Also one slightly bigger storage space is provided below the stools.

There are two versions of In-Slider – one is Knock-Down version, which is more elite and comfortable and the other is Flat-Pack version, which is comparatively smaller and can pack it in LED TV box.



Student: Samriddhi Jain

Thesis Guide: Ruchin Choudhary, Parag Anand Meshram, Aditi Singh

Project: Gait Setter

DESIGN BRIEF

To design a gait training aid for lower limb prosthetic user.

DESCRIPTION

Gait setter is an evolving walking aid that instills confidence in the user (amputee using prosthetic legs) in a comfortable home environment and progressively decreases his dependence on the product. It uses tools of gait analysis to measure the progress of the user

and reward them with motivating feedback and more challenging levels of training once the user achieves a certain level of walking skills.

The user begins with walking with the help of rollator. Once the user achieves a steady walking pattern, the walking aid transforms to a crutch from a walker and finally to a stick to suit the changing needs of the user. +





Aluminium Extrusions & Flat Rolled Products

BUILDING A WORLD OF DIFFERENCE

JINDAL Aluminium Limited rules the Indian Aluminium extrusions industry with highest production of 80300 tonnes during the year 2015-16. This is more than 25% of India's total production. Our Rolled products division has achieved production of 31320 tonnes during the same period. Thus total production of Jindal Aluminium Limited exceeds 1,11,620 tonnes a commendable feat by any standards.

Our products are made through most modern process using high quality aluminium to meet stringent requirements of customers. Our products are well accepted all over the globe, in diverse alloy combinations for segments such as Aviation, Architectural, Transport, Electronics, Defence, Solar, Roofing, Cladding, Insulation, Foils etc. The aluminium doors and windows manufactured with Jindal Architectural extrusions offer structural integrity for maximum functionality. Our most modern state-of-the-art Tool Shop with CNC machines provides flexibility for making customized extruded products in shortest possible time.

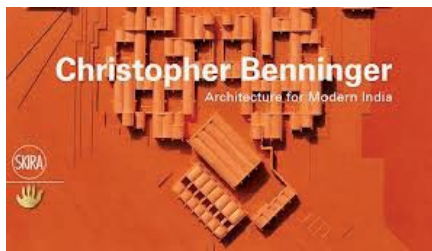
Jindal Aluminium Limited is IS/ISO 9001 : 2000 certified company. We produce extrusions in width of 450 mm which is largest by any extruder in India.

Jindal Aluminium Limited

Regd. Office & Works : Jindal Nagar, Tumkur Road, Bangalore - 560073, India.
Ph: +91 80 2371 5555 (6 lines) Fax: +91 80 2371 3333. Email : jindal@jindalaluminium.com
DELHI : "Naturelle" 11, Green Avenue, Behind Sector-D-III,
Bhatta Road, Vasant Kunj, New Delhi 110 070
Phone: 011-26890962/63, FAX: 26135000 Email : jaldel@jindalaluminium.com
MUMBAI : The Capital, 508, Plot No. C 70, G Block, 5th floor, Opp : ICICI gate no 1,
Bandra Kurla Complex, Bandra East, Mumbai 400 051
Phone: 022 66745555. Email. jalmumbai@jindalaluminium.com



Architecture for Modern India



Book

Architecture for Modern India

Author

Christopher Benninger

Publisher

Skira

Pages

384

ISBN

978-88-572-2687-3

Ar Vivek Sabherwal

It is impossible to regard 'Architecture for Modern India', the new book by Prof Christopher Charles Benninger, as merely another book on architecture because I find in this book the spiritual journey of a great architect, which compels the reader to piece together his/her own sense of direction in life.

Prof Benninger is a luminary in the architectural profession, yet his early life, studies and explorations, as chronicled in his new book, brings to light a lot about why his work is what it is. Interestingly, this fortuitous discovery of the person within the professional through his writing, makes for an enlightening read, for not only architects but entrepreneurs, sociologists, designers, environmentalists and many more.

Published jointly by Skira editore S.p.A and India House Art Gallery, the book has introductory texts by India House Art Gallery curator and editor Ramprasad Akkiseti, Skira editor Rosa Mario Falvo, Pritzger Prize winning architect Fumihiko Maki, world famous architect and scholar Suha Ozkan, and well-known historian, critic, curator and theoretician Liana Lefaivre.

Prof Benninger encapsulates his family history, childhood, education, travels, discoveries and eventual Indian journey in an engaging account, and provides an insight into his own 'honest expression' inspired by Frank Lloyd Wright, whose thoughts had 'captivated his soul' in his formative years. He alludes

to his advent into India as a natural and traditional process, following his ancestors who were also spirited migrants who embraced a new culture and society to become one with them and gave him the 'strength to explore new future without looking back'.

His extensive travels across the globe as a young student in the West, enriched and nourished his learning and understanding, never limited to the mundane but always seeking profundity. He sets great store by ancient and local wisdoms in his design philosophy, and emphasises the emotive energy of passion and care which is the basis of creation, as opposed to methods and techniques which 'can be learned and subcontracted'. Akkiseti, in his foreword, aptly equates his 'modernism' to the 'human condition', and by its own nature thus, Benninger's 'modern' ceases to be restricted to a period, to become dynamic and developing. The vast spectrum of his work as an architect substantiates his life's journey as a 'thinker-doer energised to create a better world'.

He writes about the middle-path being the cradle of a 'good life', and his book from end to end is a testimonial of his chosen path. To say that Prof Benninger is uniquely Indian and his stay in India has only brought to the fore his innate Indian architectural vocabulary, is to reinforce an already established fact evident

LAST CHANCE TO VOTE FOR YOUR TOP FAVOURITES



Vote now @ www.travelandleisureindia.in



LAST DATE TO VOTE: OCTOBER 20, 2016

**TRAVEL+
LEISURE**
INDIA

HOSPITALITY PARTNER


Shangri-La's - Eros Hotel
NEW DELHI

FOLLOW US    

in his voluminous body of work. He rightly refers to his as 'a unique voice in architecture'.

In his book which he has 'dedicated to India', Prof Benninger presents a documentation of the projects undertaken and executed by CCBA, his architectural company and studio. The comprehensive projects have been classified into coherent segments featuring work spaces, public spaces, institutions, current projects and competition projects.

In his segment on Planning and Urbanism, he unfolds his singular approach to achieving sustenance and sublimity in the built environment with limited resources. He ascribes his holistic learning to his Western *gurus*, who helped him develop certain 'sacred axioms', referred to as the 'Principles of Intelligent Urbanism', and which he proceeds to describe briefly but effectively. It stands to reason that he has employed examples of his explorations in India,

Sri Lanka and Bhutan. Adequately illustrated with diagrams, matrices and photographs, it is a well-researched and well-presented narrative, where a 'plan' has justifiably been dismissed as 'an end product or destination', in favour of 'planning' which 'facilitates and empowers people's socio-economic transformation'.

The book has been very well produced; the photographs and graphics are impeccable and capture the long and short of each assignment. Benninger's remarkable buildings will speak to you from within the pages and articulate his ideas and conviction.

To learn that Suzlon One Earth Corporate Headquarters, a remarkable, high-tech building that shows how to create green buildings cost effectively, draws inspiration from historical Indian campuses like Fatehpur Sikri and Meenakshi Temple, complete with a 'Brahmasthan', affirms Benninger's style of 'modernism' that defines him.

The Mahindra United World College, a perfect example of how to borrow landscape with the building angles responding to the imagery of the distant landscape making the campus appear to be the same scale as the vast landscape, carries forward Benninger's learning 'that there are *gurus* whose wisdom helps to navigate the oceans of facts and knowledge, and that they could guide me on a meaningful path in my own life's journey.'

Prof Christopher Benninger's 'Architecture for Modern India' is a gracefully crafted lesson on a way of life that is architecture, and must hold the pride of place in every Indian's heart and mind, architects and all others living in a society. It is this legacy that students of architecture today, would do well to learn from and practice. ✚

Delhi-based architect Vivek Sabherwal is the director of Apeejay School of Architecture & Planning, Greater Noida.

A soiree with a pretty woman...

Better Homes and Gardens and their cover girl Divya Khosla Kumar celebrated the grand success of the September issue and its beautiful cover. The event took place on September 14, 2016. Hosted at The Good Wife, Mumbai, friends, well-wishers and the media were part of

the soiree. EMM Director Parineeta Sethi gifted Divya her favourite photograph from the shoot, and thanked her for a wonderful association. Following this, Divya and Vikram Bawa, ace celebrity photographer who shot the cover picture, spoke to media persons.



Vikram Bawa with Parineeta Sethi and Divya



Parineeta presenting Divya with a framed cover



At the event held at The Good Wife, Mumbai



Cheers to success!

+ DESIGN



- RESIDENCE INTERIORS
- INDUSTRY CONNECT
- VERSATILE PRODUCTS

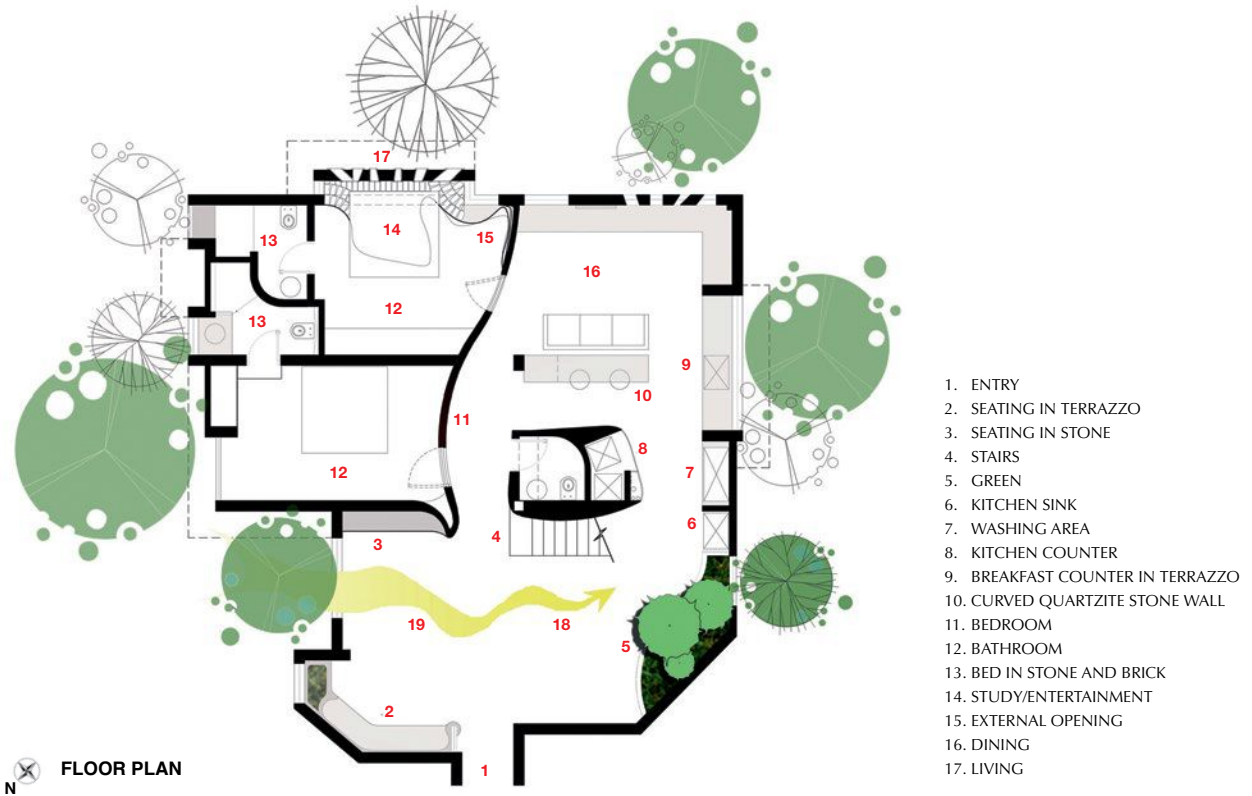


ORGANIC DWELLING

Project: J 183 - Apartment for Film Makers, Noida, UP
Architects: Archiopteryx, Noida, UP

With its silver porcelano cement mixed sea-shells floors and curved Delhi quartzite wall, the apartment is a testament of 'transitive perfection'. This renovation project of an apartment, part of a multi-storeyed complex, treats perfection as a double-edged sword; as an elusive, fleeting goal. Though perfection is an end point, it exists only for a brief moment.

This quality of timelessness and transience is captured in the fluid and continuous—sometime stone, sometime rough brick and sometime glass ceiling, which capture the spatial volume of the house. Through a play of sunlight and skylight, light reflects on some materials and forms on a shadow on others, portraying a shadow sculpture that is perfect, when the time is right.



It is this same search of elusive perfection that shrouds the spaces of the apartment with a mysterious drama and a sense of suspense. Be it the long curving stone wall passages, the cantilevered RCC steps rising for the hydraulic glass roof, or the innocent and pristine Kashmir white kitchen otta of its open kitchen, the house is perceived like a suspended drama, rousing a sense of



anticipation and yet a feeling of pleasurable satisfaction.

And it is no doubt, for the inhabitants, husband-wife wildlife filmmakers, live a non-traditional, un-domesticated lifestyle that has come to include the natural environment, from the strategically located slit windows, the use of local materials, recycled and salvaged wood, cast-in situ terrazzo and rainwater harvesting through drains that channelise water directed to a planter box in the living room. The house has built-in furniture and stone beds, an air of being outdoors in an exclusive forest resort. The residents even grow food in their kitchen garden.

But this house was built for more than an organic existence; it was built as a narrative in expectation. The house, with its built-in unpredictability was designed for the unborn child of the couple. Suspense is an important building block in a child's development, stimulating her to question, to be bolder, equipping her with the ability to deal with the obscurity and the uncertainty of the future. The poetics of the Delhi quartzite stone, the light and shadow play that immerses a rare fictional story-telling quality into the curving corridors and rising steps, elevates the child's and indeed the family's extraversion and openness. +



Factfile

Client: Akansha and Praveen Singh

Design team: Akshay Shrinagesh, Jatin

Built-up area: 1400sq ft

Year of completion: 2012



FREE GIFT!
SUBSCRIBE FOR
5 YEARS AND GET
SKYWATER
POWER BANK
WORTH ₹1999

BUY NOW AND SAVE UP TO 30%

**ACT
 NOW
 SAVE
 MONEY**



PHONE

DELHI/NCR +91-9899414369
 0124-3083590
 0124-3083616
 MUMBAI 022-26041735/36



COURIER

EXPOSURE MEDIA MARKETING PVT. LTD.
 PLOT NO. 378-379, SECOND FLOOR
 UDYOG VIHAR, PHASE IV
 GURGAON- 122015, HARYANA



ONLINE

www.emmindia.com
 circulation@emmindia.com
 subscriptionsupport@emmindia.com

TICK	TERM	NO. OF ISSUES	COVER PRICE	DISCOUNT	YOU PAY	YOU SAVE
<input type="checkbox"/>	1 Year	12	₹2400	15%	₹2040	₹360
<input type="checkbox"/>	2 Years	24	₹4800	20%	₹3840	₹960
<input type="checkbox"/>	3 Years	36	₹7200	25%	₹5400	₹1800
<input type="checkbox"/>	5 Years	60	₹12000	30%+FREE GIFT*	₹8400	₹3600

I would like to subscribe to Architecture+Design...

Name _____ Age _____ Sex _____

Address _____

City _____ State _____ Pin _____

Mobile _____ Landline _____ Email _____

Enclosed DD/Cheque No _____ Dated _____ Drawn On _____ For ₹ _____

In favour of Exposure Media Marketing Pvt. Ltd. For outstation cheques please add ₹10/-

TERMS & CONDITIONS This offer is valid only in India. Subscription would start with immediate effect. All disputes subject to competent courts in the jurisdiction of Delhi or Haryana only. Exposure Media Marketing (P) Ltd. reserves the right to cancel, extend or discontinue the offer or any part thereof without giving any reason or prior notice. Exposure Media Marketing (P) Ltd. is not responsible for any postal delay. Conditions apply.



INCORPORATING A CONTEMPORARY SENSIBILITY AND AGE-OLD TENETS...

Project: Private Villa, Vadodara, Gujarat

Architects: Creative Design & MGMT, Baroda, Gujarat

Heavily *vastu* compliant down to the artwork, colours of walls and the materials used in different spaces, the architect's design takes all the restrictions within its stride.

But along with the diktats of *vastu*, the bungalow sits very much in today, with its aesthetics and all the conveniences of a contemporary lifestyle. Located in a gated community, the design is replete with a variety of materials to reflect the tastes of the client, who is in the real estate business.

Incorporating a home theatre, *puja* room, waterfall, bar and family rooms, all requirements have been anticipated and provided for, creating a luxurious experience. One of the two kitchens is meant for the exclusive use of the lady of the house, sporting an island with a breakfast table. The other kitchen is utilised by the staff for routine heavy duty cooking. All the bedrooms have a private dressing area with walk-in wardrobes, connected to the *en suite* bath. Throughout the spaces, the ceilings are customised



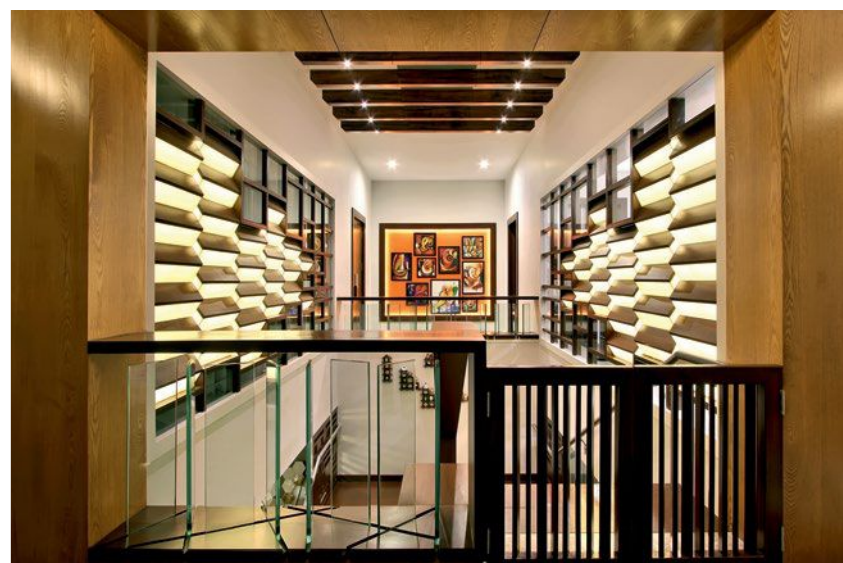
1. CAR PARKING
2. MAIN ENTRY
3. FOYER AREA
4. POOJA ROOM
5. OFFICE
6. DRAWING ROOM
7. KITCHEN
8. SERVANT KITCHEN
9. WASH AREA
10. STORE
11. POWDER TOILET
12. DINNING
13. PASSAGE
14. FAMILY SITTING
15. GUEST ROOM
16. TOILET
17. DRESSING
18. SITTING
19. MASTER BEDROOM
20. VERANDAH
21. LIFT
22. OTTAH
23. DINNING DECK
24. GARDEN

GROUND FLOOR PLAN



1. PASSAGE
2. FAMILY SITTING
3. PRATIK BHAI BEDROOM
4. TOILET
5. DRESSING
6. DAUGHTER BEDROOM
7. SITTING
8. BALCONY
9. TERRACE
10. TERRACE GARDEN
11. COVERED DECK
12. HOME THEATRE

FIRST FLOOR PLAN



in a combination of wood, POP and acrylic lighting, incorporating both coves as well as spots. Doors are in solid wood, with corian handles.

The walkway to the house is not a straight one. It negotiates a right angle and ascends several steps, before reaching the main door to the home. Two white marble swans flank the walkway at the road level. A car shelter has a 21ft cantilever in a tensile fabric.

The building is C-shaped and has an double height glazed entrance, which opens into a large open space. The impression is aided and abetted by the glass which

substitutes for walls in many areas, enabling views of other areas which invite exploration. The wooden ceiling above the dining table has acrylic lights in the spaces which existed in the trunk of the wood used, while a mural of hexagonal tiles on the adjoining wall is backlit for effect. A cantilevered staircase floats between two pillars, leading to the floor above. The corridor on the first floor enjoys intense detailing, with suspended pergolas and a railing which is lit from the base. The patterns in the artworks are subtly echoed in the upholstery or cushions, creating a sense of repetition in the space.



The master bedroom has a ‘floating’ bed with a leather headboard. The wall behind is clad with plywood to provide a 3D effect and also incorporates several small uplighters, the whole creating a rectilinear geometry. The five-year-old daughter’s bedroom sees a coming together of colours in happy abandon, with pink, violet, greens, red, orange and a sunshine yellow jostling for attention. With its child-like aesthetic, it is evident at one glance that this is a room for a young girl.

The landscape designer was cognisant of the fact that the large windows should bring in the landscape, without compromising on privacy. In the harsh summers of Vadodara, the trees provide natural shade, allowing the verandahs to see more use by the family. The staircase, particularly, has a rainforest feel with the extent of greenery visible so although the trees are outside, they have been positioned to be viewed from the interior. The plot has almost no compound wall, so the plants not only create a hedge, but their green shield also provides a sound barrier.

The garden is accessed from everywhere within the house, giving a feel of a private garden to each area. Mature plants which were native to the area were sourced,

so they would grow well. The effect is one of a lush, tropical forest.

The garden is not a mere eye candy—it is used for sit outs too by the family. Unfurling from the interior spaces, it has been incorporated seamlessly in the design. While most architects rue the limitations imposed by *vastu* on both form and function, the architect of the house has negotiated a happy marriage between the age-old tenets and a contemporary sensibility, creating a design which comfortably straddles two world to deliver just what the client wanted. ✚

Photo credit: Tejas Shah

Factfile

Client: Pratik Shah

Design team: Shailesh Parikh (Principal Architect), Rakesh Suthar, Ravi Vyas

Consultants: Dr Vinubhai Patel (Structural), Ashish Teli (Landscape Designer), Pinakin Patel (Plumbing)

Contractors: Ketan Shah (Kanha constructions)

Built-up area: 16000sq ft

Cost of project: Rs 11,20,00000

Year of completion: 2015



A Legacy for Innovation and Modern Technology

Decora Group is one of the pioneer companies engaged in producing finest quality cabinet wooden/MDF panels especially kitchen shutters, living room cabinet panels, bedroom wardrobe panels and bathroom panels. It is backed with more than a decade of experience in this industry and thereby leveraging the experience hence garnered to accomplish the changing needs of the customers in the best possible manner. The Decora team constantly innovates, upgrades and launches new products from time to time to ensure that the customers are always pleased.

Incepted in 2005, today Decora has become the most comprehensive, respected, acknowledged and accepted brand in the kitchen panelling industry, offering virtually every conceivable convenience for your kitchen decor. Cost effective solutions, reliable in use and eye catching in appearance, are some of the USPs of our products.

The company offers an exquisite range of kitchen panels with world-class finishes like membrane, hi-gloss finishes, laminated PVC edge-banded, aluminium profiles, PVC wrapped MDF profiles and decorative wall panels. Various accessories like table tops, cornices



SAURABH JAIN

Chairman &
Managing Director

Decora group has carved a niche in the market with its cost-effective solutions, products that are reliable in use and eye catching in appearance. The company highly emphasises investing on technology and innovative design methodology to create a unique, stylish high end product line up.

and pelmets, etc. are available in matching shades to complete and enrich the cabinets. It offers sturdy kitchen carcasses in flexible modules and wardrobe cabinets made of laminated plywood. All cabinets come in easy to assemble, Do It Yourself (DIY) format. Our partnership with leading hardware manufacturers in the world like Hettich, Blum and Hafele allows us to provide an unmatched kitchen experience to our quality discerning clients. Being a manufacturer, we offer customised solutions at most affordable prices, which is not possible with any imported products.

Continuing our legacy for innovation and introduction of modern technology, we have introduced one-of-a-kind technology from Germany in manufacturing panels of varied choices. To ascertain the quality aspect; Decora is ISO 9001:2000 certified as we bring into play careful choice of raw materials, advanced technologies, state-of-the-art plant and machinery, highly qualified team and superior designing. Deploying the expertise acquired across verticals in this industry we offer exclusive cost effective solutions to our esteemed real estate clients and maximise the selling price and pacing the sale of projects. From group housing flats to luxury condos projects, we expertly execute requirements for kitchens and wardrobes.

In the year 2013, we started with manufacturing of India's very own product called 'ORNARE'— Premium Acrylic High Gloss Panels. We are the first company to set up a latest PUR flat lamination line in India from Germany. Today, Ornare produces one of the widest range of acrylic gloss panels in the country and was recently awarded the prestigious 'IKC- Innovative Kitchen Product Award-2016'.

In the year 2015, the company has partnered with Renolit-Germany, a leading manufacturer of high quality plastic films for the manufacturing of a new collection 'POLIMERO' ultra high gloss panels. These panels

are stylish, durable, environment-friendly, high scratch resistant and UV resistant. Economically priced, Polimero panels offer a superior substitute for laminated and painted panels.

The main goal of the company is to elevate customers' quality of life while keeping the originality of the products a top priority. The company highly emphasises investing on innovative design and the creation of unique and stylish high-end products. Through our partnership with leading names in wood working machinery manufacturers in Europe, we ensure a lasting quality and world-class technology at every stage of the process.



The vision of the company is to become a sustainable and high profitability company in modular kitchen and furniture industry in the Indian subcontinent. It ensures to guarantee and promote economic development, preservation of natural resources, and social inclusion.

For more details, Decora Kitchen Interiors Pvt. Ltd, 2nd Milestone, Vikas Nagar Industrial Area

Basai Road, Gurgaon - 122001, Haryana, India

Mob: +91 9810269528, email: care@decora.in or info@ornare.in

A Perfect Blend of Functionality and Luxury with Style

Masterpieces are not always born on canvas or studios. Some fuelled by artistic imagination are baked in kilns. With a humble beginning in the year 1994, Varmora Granito embarked on a journey with grand aspirations to create masterpieces that can embellish spaces, piece by piece. Today, Varmora brand is a synonym for 'innovating happiness' in the domestic and international market. By 'innovating happiness', we aspire to deliver better value to employees, consumers and society. Challenges excite us, and empower us to innovate and excel. Varmora is proud of being a leading force in tiles and sanitaryware sector, manufacturing wall tiles, floor tiles, glazed vitrified tiles, polished glazed vitrified tiles, ceramics and sanitaryware.

With roots strongly entrenched in innovation, service and quality, Varmora has established more than 700 dealers, 5000 retail outlets, 4 international showrooms and 20 branch



offices across the country. It is continuously expanding its presence at the global stage. Varmora reaches out to its global connoisseurs in more than 30 countries, including USA, UK, Trinidad and Tobago, Kenya, Nigeria, Mauritius, Sri Lanka, Singapore, Turkey, Columbia, Argentina, Taiwan, Canada and Middle East countries, among others. With

broad portfolio of offerings, it is constantly adding new destinations in the map and expanding the Varmora Family.

Quality defines Varmora and it is the driving force in raising standards of customer satisfaction. An ISO 9001:2008 certified corporation, its facilities today manufacture around 1,00,000sq m per day of wall, floor, porcelain and vitrified tiles across 9 manufacturing sites. Being a company that



manufactures tile in every size ranging from smallest size of 200 x 200 mm to the largest size of 1800 x 1200 mm (6' x 4'), not only displays the production excellence but also earns Varmora, the distinction of being the first Indian company to manufacture vitrified slabs of such proportions. These slabs are also the largest in the world and are used for varied internal and external applications, earning the company a global recognition. Varmora's progressive march is studded with innumerable industry 'firsts'. It was the first to launch 3rd generation vitrified tiles, digital printed walls and vitrified tiles in India and the first in the world to invent interfront technology tile. Varmora is in true sense, a trend initiator in the tile industry.

Digital printing is now a full blown expression of tile industry, offering more accuracy, freedom for design and exploring various finishes (matt, glossy, wood, rustic)



Bhavesh Varmora
Chairman,
Varmora Group



Pramod Varmora
CMD, Varmora Granito
Private Limited

“We have surpassed our people’s expectations yet again. For more than 20 years, we have initiated potential breakthroughs that have rewritten the new dynamics of tile industry. So much so, that our people have constantly been kept interested for two decades through our top of the line innovations in design and technology. This, we believe, is our real award.”

“Varmora Granito Pvt. Ltd. is a nationwide ceramic conglomerate, headquartered in Morbi Gujarat, with an annual turnover of about 54 million USD. The group has diversified into Plastics Home products, Sanitaryware and Information Technology.”

in a subtle and effortless manner. Robust digital printing technology used by Varmora gives enhanced high definition production, mimicking the surface of stones, marble and woods down to a realistic tangible grain. The digital printing technology gives the tiles a textural result, resembling natural marbles having finely ingrained veinal pattern. The marble finish wall tiles from the elegant shelves of Varmora have been a quite a sensation, not only due to their aesthetics but also for their application.

One of the significant aspects of rapid progressive stride has been the creation of robust infrastructure backbone. With aspirations to match global standards and quality requirements, Varmora has upgraded manufacturing units with cutting edge modern technology, finest machinery, intense automation, robotic application, etc., resulting in a zero chance for human error. Sacmi – Italy, Kexinda – China, Itaca – Spain, System – Italy, Techno Italia – Italy, Johnson Matthey – Italy, Vidres – Spain are some of the top capital machinery brands strengthening our 9 production units in Morbi, Gujarat. Varmora has a dedicated team working on advanced machinery to deliver aesthetically pleasing designs and prints comprising both innovation

and exclusivity. To translate these beauties into reality, the company emphasises only on the finest grade of raw materials and machines. It imports fire ball clay and other raw materials from Ukraine and Itaca-Spain. It employs the most modern technology and excels with the best in the world using ultra-modern 6400 MT presses with ISO static punches, 159m long kiln from Sacmi- Italy and advanced 48 hand polishing machine in technical collaboration from Itaca-Spain. The latest addition of 329m kiln in our latest Fiorenza plant is longest in India.

Varmora group has established itself formidably across diverse businesses and domains. The latest offering from the group is Varmora Sanitaryware. It has succeeded in carving a niche for itself by pooling together a wide range of products to meet the demands of luxury and comfort at the same time. In our industry, we have emerged as the only company that manufactures all its products in India. Varmora is also the only company to manufacture the maximum range of one-piece water closets in India. Pioneering in the designs of Siphonic systems and Tornado flushing option, every product of Varmora is a testimony to its philosophy of providing luxury and comfort with style. Every stroke, every design in our product is our way of expressing art, beauty and even life.

For Varmora group, people are its greatest asset. They recognise themselves as a global team of individuals, working among the best in the business, learning from



each other and delivering as a team. When challenged with tough business decisions, Varmora deals with the highest levels of integrity, for themselves and for all those around them.

Under the inspirational leadership of our Chairman Bhavesh Varmora and CMD Pramod Varmora, Varmora group is heading towards an exciting phase of expansion and growth. Varmora believes that for them, the best is yet to come... +

For more details, 8/A, National Highway, At Dhuva, Tal. Wankaner, Dist. Morvi, Gujarat (India)
Mob:+91 9825223068, Web: www.varmora.com



Maishaa. The finest collection of the world's most luxurious bed linen, duvet covers and furnishing fabrics.

AVAILABLE AT ALL LEADING FURNISHINGS STORES & MAISHAA EXCLUSIVE STORES: • SURPRISE HOUSEHOLD LINEN PVT LTD • SANSKRITI FURNISHINGS • DRAPE SHOPPE LEADING FURNISHINGS STORES: AHMEDABAD: • Drape Shoppe, Bharat Furnishings, Raiff by Aro Drape Aurangabad: • Sheetal Furnishing BANGALORE : • Drapes Avenue, Happy Monk, Opulence, Petals, Skipper Furnishings, Sha Suraj Mal, Tulips BHOPAL: • Gharana CHENNAI: • Asharaa Ambience DELHI: • Dreams Gian's Envogue, Homesaaaz, Jagdish Store, Kapaas Furnishings, Panipat Handloom, VIII 'D Este, Surprise Furnishings DHULE: • Seema Handloom FARIDABAD: • Homesaaaz GURGAON: • Victor Craft, Drapes & Decors, Sham Emporium GUWAHATI: • Ashoka Furnishings, Vinayak Furnishings HYDERABAD: • Darpan Furnishings, Home Affairs, Studiorion INDORE: Tana Bana JAIPUR: • Ashoka Furnishings, Golden Drape, Fantasy Lifestyle, Sheetal Furnishings JALGAON: • Foam & Fabrics JALANDHAR: Mansaram KANPUR: • High street KOLHAPUR: • Home decore KOLKATA: • Gian's Envogue, Stellar Furnishings, Skipper Furnishings, Times Furnishings LUCKNOW: •



Making heaven out of your home.

Monarch, Raj Furnishings LUDHIANA • Naveen Bharat MUMBAI • Bharat Furnishings, Daffodils - Vishal Furnishings, Drape shoppe, Embellish Furnishings, Fusion Access, La Vie, Le Style, Life style Furnishings, Novelty Furnishings, Surprise-Santacruz, Arc One NAGPUR • Jayshree Traders, Malik Deco House NASHIK • Daffodils, Yarn Furnishings PANCHKULA • Gagan Handloom PANIPAT • Prince Handloom, Mansarover Furnishings PUNE • Atelier (Beginning Inc.), Bharat Furnishings, Kejal's Furnishings, Orchid Furnishings, Themes Furnishings & Linen, Tulips Ambience, Kukreja Handloom RAJKOT • Red Carpet SURAT • Sanskriti VADODARA • Aavaran, Shangar Furnishings, V9 Home Decor | For business enquiries, call: +9198114 18780

-OUR PARTNER'S BRANDS-

nya nordiska

MANUEL REVERT

CLARKE & CLARKE

ALDECO
Interior Fabrics

Versatile Products



SOUND ABSORBING HOODS

Whirlpool India has recently come up with its new air flow and a sound absorbing hood 'Deep Silence™ extractor'. The hood is up to 13 percent quieter than conventional extractor hoods, which makes it ideal for open kitchens. Armed with high suction capacity, the range is capable for all kinds of cooking. The powerful motor provides blower output up to 920 m³/h. It is equipped with a Pro-Touch surface, treated with stainless steel, that allows for quick and easy cleaning of the hood. The hat-shaped aluminum filters in the Deep Silent hood features eight layers that are designed to purify the air.

>> For more information, e-mail: builtinhelpdesk@whirlpool.com

WOODEN FURNITURE

InLiving, one of the manufacturers and retailers of solid wood furniture, has launched a new collection of solid wood sideboards and chest of drawers in different designs and patterns. The collection is made by fusing diverse materials, such as textile, glass and metal with wood, using state-of-the-art technology and artistry. This wide collection of sideboards strikes a harmonious balance between understated allure and functional design for living spaces. Symmetrical patterns



and intricate detailing in varied finishes are the USP of the collection. With sliding panels, they can be effortlessly moved on the sideboard structure. These sideboards can serve as an accent piece for a hallway, bedroom or even for a home office.

>> For more information, visit: www.inliving.com



CONTEMPORARY OFFICE FURNITURE

Essentia Environment, one of the leading interior designing companies in India, has launched a new collection of designer office furniture. These furniture pieces are contemporary in feel while subtly incorporating elements from the international modern style of the mid-20th century. Made in solid American walnut, these pieces are in simple and curvaceous configuration yet they are modern in design. Besides, these office furniture are characterised by their original and signature style.

MODERN WATER HEATERS

Parryware, bathroom solutions brand, has forayed into a new category of heat controlled contemporary water heaters in three different capacities — 25L, 15L and 10L. These durable water heaters come with an adjustable water temperature control that can range from 30 to 75°C with the turn of a single knob. Its shape and design fits into the modern bathroom spaces. The range comes with four-fold safety protection that includes protection from dry heating, extra-temperature, electric leakage and high hydraulic pressure, fulfilling the pre-requisites of a state-of-the-art water heater and provides energy efficient bathroom solution. The range is manufactured by using advanced enamel electrostatic dry method technique making it anti-rust, corrosion proof, incrustation resistant and leak proof.

>> For more information, visit: www.parryware.in





USER-FRIENDLY BUILT-IN OVENS

Franke has launched a new and user-friendly built-in ovens. Patented technology such as dynamic cooking technology, capacities varying from 30 to 77 litres, technical details such as the removable fullglass inner door and LCD displays make the ovens innovative and user-friendly. With an average consumption of 0.64 kWh, the ovens consume 20 percent less electricity than a standard class oven. Designed and manufactured in Europe, Franke has introduced another important new feature, the circular heating element in three separate parts, which work individually, together or in conjunction with the traditional heating elements.

>> For more information, visit: www.franke.com



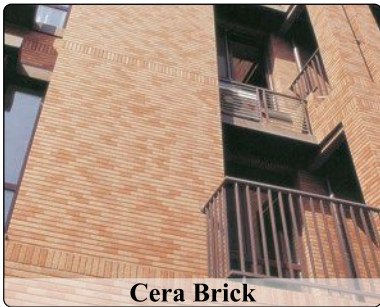
HAND CRAFTED CARPETS

Hands, a hand knotted and hand tufted carpet manufacturer, has recently launched a new hand knotted carpet collection 'The Lost Heritage'. The collection is inspired by forgotten heritage elements and fragments from a different time. The designs from this collection are characterised by a fusion of the old and the abstract. With the finest knots made by hands, each hand knotted carpet from the collection is suitable for a living room floor. The carpets in this collection are made of silk and wool.

>> For more information, visit: www.hands-carpets.com



UniStone Corten Steel



Cera Brick



Reconstituted Stone



Stone Paving



Aluminium Glass Railing Systems



Textured Coatings



GRC Rock & Waterfalls



Vertical Stamped Concrete



FRP Jali

Innovative products of International quality at affordable prices.

Delhi Head Office:

17, Arihant Nagar, Punjabi Bagh, New Delhi - 110026

TEL.: 011 - 45457070 (20 Lines)

Architect's Help Line No.: +91 8826457070

South Delhi Showroom: M-58, Basement, G.K.-II, New Delhi.

Web: www.unistone.in; www.grcjaliunistone.com

Email: info@unistone.in;



HPL



Stamped Concrete



Cera Drive



GRC Jali

For your reference...

The listing that follows is of the consultants/companies involved in the published projects—



Civil

- 46 Shalimar Corp. Ltd.
- 108 A M Candaras Associates

Electrical

- 46 ARCHOHM
- 73 Yash
- 84 Putman
- 108 Smith & Anderson

Façade Treatment

- 84 Somec Group
- 53 DEWI Ingenieurburo GmbH, Wein

Landscape Design

- 46 Shaheer Associates S.J.A. Consultants
- 53 Landschaftsarchitekt Karsten Böcking
- 125 Ashish Teli
- 108 The MBTW Group

Lighting

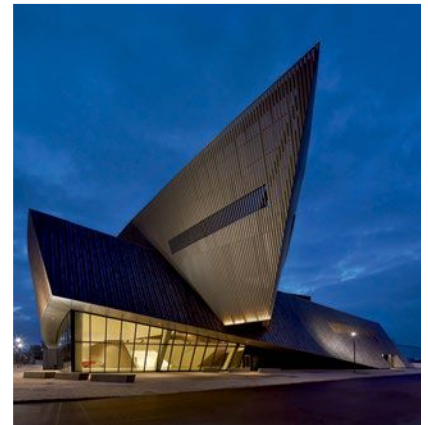
- 53 George Sexton Associates Washington

Mechanical

- 46 Sunil Nayyar Consultants Pvt. Ltd.
- 69 Buro Happold
- 84 Energys
- 108 Smith & Anderson

Plumbing

- 46 Sunil Nayyar Consultants Pvt. Ltd.
- 125 Pinakin Patel



Structure

- 46 ROARK Consulting Engineers
- 69 Buro Happold
- 73 B L Manjunath
- 84 Ney & Partners
- 90 David Boixader
- 108 Halsall and Associates
- 125 Dr Vinubhai Patel

Contractors (primary)/Construction Agencies

- 53 KM Europe Metal AG, Osnabruck; A. Sauritschnig, St. Veit an der Glan
- 73 K Damodar & Co
- 90 Castelló, Construcciones e Infraestructuras S.L
- 59 Ajay Sahani Associates and Krim Engineering Services
- 59 Dilip Gangwani
- 69 Carillion Building, West Midlands



DESIGNED TO DELIGHT™

DELIGHT IS IN BEING INSPIRED PRESENTING THE ALL NEW WHIRLPOOL BUILT-IN KITCHEN APPLIANCES.

Designed in Europe and powered by 6TH SENSE® Technology, every gourmet experience becomes a delight with Whirlpool built-in appliances in your kitchen. Their unmatched technology and unparalleled designs make for a state of the art kitchen and inspire your creations to be the best they can be.



www.whirlpoolindia.com



[/WhirlpoolIndiaOfficial](https://www.whirlpoolindia.com/kitchenstudio)

Visualise your dream kitchen with Whirlpool Kitchen Studio Tool.
Visit: www.whirlpoolindia.com/kitchenstudio

For more information on Whirlpool Built-in Appliances, please call our Built-in Help Desk at 1860-208-1010.

For Service related calls, dial our customer care number 1800-208-1800 (Toll-Free).

For disposal of e-waste generated at end of life of your Whirlpool product, you may kindly call @ 60008558 (for private subscribers) & 18601804558 (for BSNL/MTNL subscribers)
*Kindly prefix your city STD code. © Whirlpool is a registered trademark of Whirlpool Corporation USA and is used under license © 2016 Whirlpool of India Ltd. All rights reserved.

For more information, contact: Ahmedabad: 9227502161. Pune: Ajay Sambyal: 8806257176. Mumbai: Kamal Prasad: 8997001863. Delhi/ Noida/ Ghaziabad: Aditya: 921791685. Rahul: 9212273432. Haryana: Ashwani: 9268823766. Punjab: Mohit: 9910722441. Lucknow: Lalit Jain: 9235000310. Jaipur: Rasik: 9251000172. Tamil Nadu: Ganesh: 9841313585. Kerala: Ganesh: 9841313585. Bangalore: Vikrant: 90360000582. Hyderabad: Pawan: 9030011302. Kolkata: Banti Rawat: 9831956342. For installation, demo and service-related queries, please call 1860 208 1010 or mail us at builtinhelpdesk@whirlpool.com. For institutional sales, write in to institutional_sales_india@whirlpool.com.

Kajaria

For the
first time ever
a tile with the reflective index
of marble.

- Full colour body tiles
- Real like marble, metal & stone effects
- Strong & durable
- High flexural strength
- Stain proof
- Almost 0% water absorption
- Scratch & abrasion resistant



Introducing
THE MEGALITH
80x120 cm

Satuario Marbletech 45°

ETERNITY
tiles forever

www.kajariaeternity.com

As good as the real thing. And even better. The Megalith brings you large tiles in finishes that look stunningly like the original - be it marble, metal or stone. While you marvel at the looks, be happy knowing that unlike original slabs in these materials, The Megalith needs almost no maintenance and remains looking beautiful for years to come. Choose from an irresistible collection of seven finishes, a range that is unmatched in the world.