

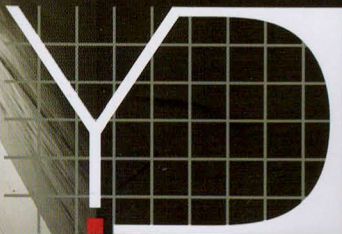


ARCHITECTURE

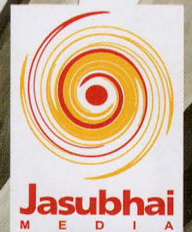
15°, .warp
The Pavilion, ARUR
Vikarna Basement, Studio 4000

ARCHITECTURE INTERIORS

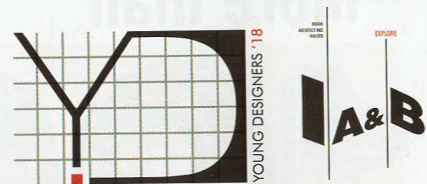
CASA LUX, Studio WhiteScape
Phantom House, UDAI



YOUNG DESIGNERS '18



Winners Young Designers '18



ARCHITECTURE



Winner
15° | .warp

Winner
The Pavilion | ARUR

Winner
Vikarna Basement | STUDIO 4000

ARCHITECTURE INTERIOR



Winner
Casa Lux | Studio WhiteScape

Winner
Phantom House | UDAl

INTERIORS



Winner
Versatile Decadence | Hsc Designs

Winner
White Edge Architects |
White Edge Architects' Office

Winner
Architecture_Interspace |
Cream Affair

Winner
Architecture Basics |
Pitchers

PRODUCT DESIGN



Winner
Myinnospace | Game of Thrones Window

INSTALLATION



Winner
Studio Across Zero | Time Machine

INDIAN ARCHITECT AND BUILDER

EXPLORE



26 ARCHITECTURE Creating an icon

15° by .warp deploys a minimal structural footprint to maximize usable space. Its iconic twisted façade wall feature is reminiscent of a semi-open page of a book, demanding the onlookers' attention while giving its users a much-needed break-out space.

36 Interventions in grey

The Pavilion by ARUR is a transition space and a built-form that brings cohesion to the green of the softscape and blue of the swimming pool in the form of a structure devised in concrete; concrete being the construction material and an aesthetic parameter.

46 Prioritising primary Prerequisites

Vikarna Basement by Studio 4000 is an architect's studio devised from an unused basement. A studio that prioritises the natural elements of sky, sun and wind and accommodate the functions required for the architect's studio.

60 ARCHITECTURE INTERIORS Musings of light and Shadow

CASA LUX by Studio WhiteScape is a play of introverted and extroverted spaces wherein light and shadow is deployed as metaphors to craft the resultant built-space.

76 A cocoon in cacophony

Phantom House by UDAl is a cocooned space for four generations of a family situated in the cacophony of a commercial street. Enclosing the built-form from all sides to shelter the natives from the noisy and busy streets, the home opens inwards yet produces the nuances of interior-exterior spaces.

Cover Image: © .warp

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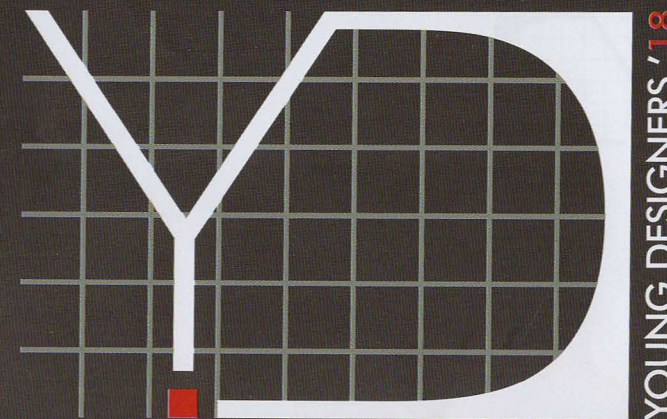
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As judged by Ar. Nilabh Nagar, Sr. Associate, Architect Hafeez Contractor



Ar. Nilabh Nagar Graduated from School of Planning and Architecture, Delhi. He joined Architect Hafeez Contractor as an intern in the year 1991. He focuses on Urban redevelopment, master planning, green building design, residential, office buildings, slum redevelopment projects, airport and railway station design. His major works include Turbhe railway station, New Delhi's airport modernization and ONGC's green buildings.



Young Designers is an initiative of Indian Architect & Builder (IA&B) that provides a platform to design firms in their first five formative years to showcase their unpublished work, ideas and projects. Young Designers 2018 received over 90 entries. The idea is lucid and straightforward but it is also imparts an arduous task to the jury and internal team at IA&B. Every entry and firm is cross-checked and cross-verified. As a result, much good work is deemed ineligible if published formerly published in a print journal. This year witnessed an upsurge in projects that are extensions, interventions or adaptive re-use of existing spaces. There has also been a conscious attempt towards judicious use of material and resources, deploying natural finishes and even steering away from paint and cladding in certain cases.

The projects were classified into 5 categories to arrive at the winning citations. The categories were: Architecture, Residential interior design, Commercial interior design, Product design and Installation. Of all the entries, 15° by Warp, an architectural design entry, was a 'no brainer' where the structure was designed as a monolithic cuboid rising over cantilevered beams supported on a row of central piers. Similarly, Casa Lux, was an architectural project that received its citation under 'Residential Interiors' owing to the play of light and shadow and a seamless connect with nature in the indoors by strategically deploying indoor landscapes within it. Cream Affair, an ice-cream studio in Pondicherry was executed in 12 days. The number of product design and installation entries remained smaller but the winning citations are nonetheless, remarkable.

Apart from the aforementioned; The Pavilion by Arur, Vikarna Basement by Studio 4000 (their own design studio), Versatile Decadence by hsc designs, Phantom House by UDAI, White Edge Architects office by White Edge Architects themselves, Pitchers by Architecture Basics, a window inspired by the popular television series 'Game of Thrones' by Myinnospace and an installation titled Time Machine by Studio Across Zero made it to the winning citations.

A continuing theme from over the years that is observed in Young Designers entries is that most projects and products are the architect's or designer's own studio or residence. This highlights that perhaps the designers either lack projects or freedom to deploy experimentation or innovation in commissioned work. The quality of design in the designer's studio versus projects commissioned by clients is starkly disparate. This observation brings to the fore the fact that there is yet much untapped proficiency and skill that the design fraternity and the country remains devoid of. On the other hand, it reinforces belief in the budding generation of designers to keep innovating and pushing the boundaries to create new and ingenious work that one can appreciate and critique constructively. ■

Creating an icon

15° by .warp, Thoothukudi, Tamil Nadu

Space optimization is perhaps the biggest challenge architects face in modern times. But interestingly, as the built fabric in cities gets more and more congested, the need for innovative design thinking, and 'creating' space – almost out of nowhere, like magicians – is pushing architects to pursue a new level of excellence in design. For instance, the project 15° in Thoothukudi, Tamil Nadu by .warp architects employs a minimal structural footprint to maximize usable space, adding an iconic twisted façade wall feature reminiscent of a semi-open page of a book, demanding the onlookers' attention while giving its users a much-needed break-out space.

Text: Sharmila Chakravorty | Images and Drawings: .warp

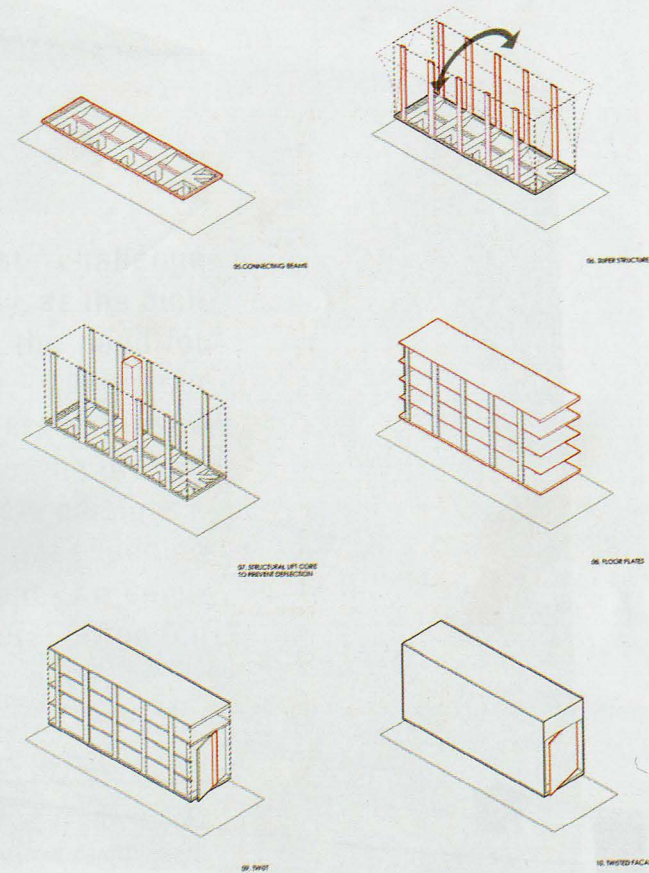
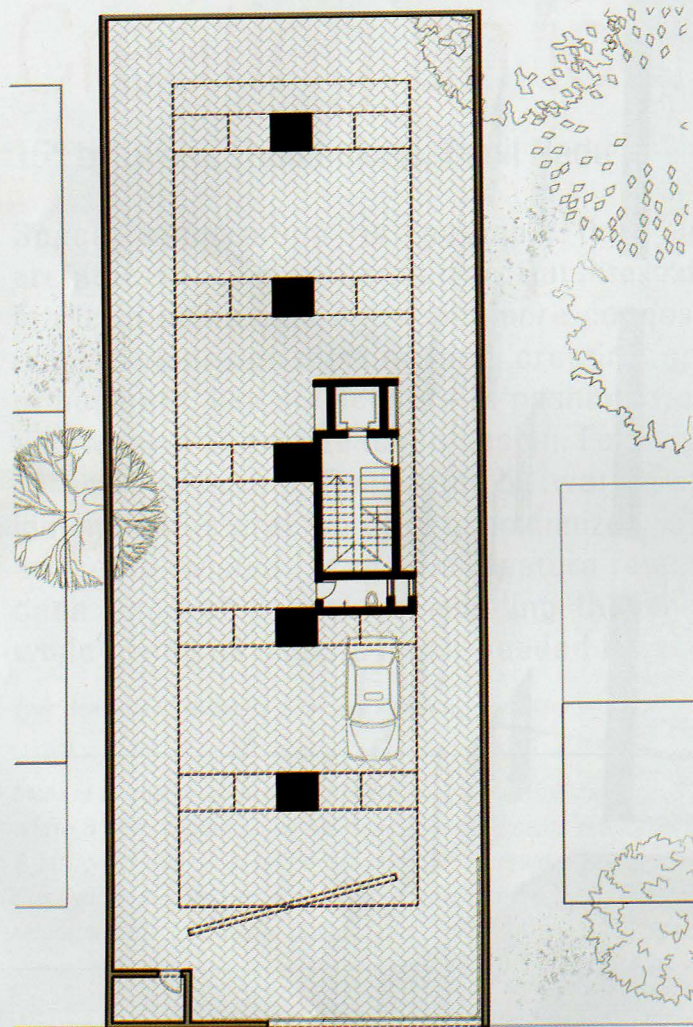
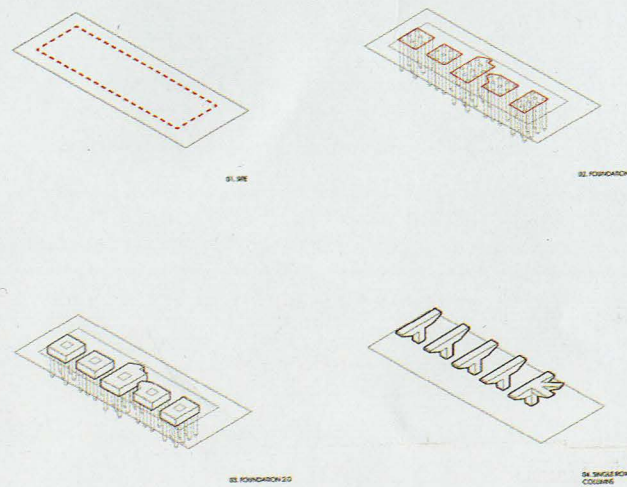
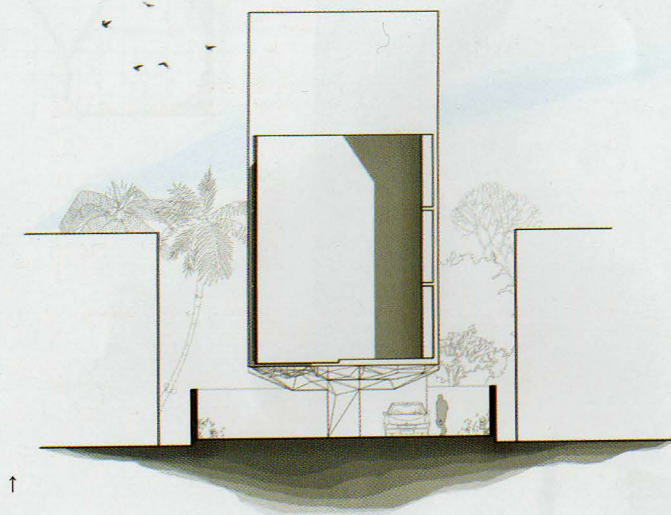
Instead of the usual peripheral columns, the entire complex is designed as a monolithic white & grey cuboid rising over cantilevered beams supported on a row of central piers. A lattice of thin steel tubes sits over the piers adding a dynamic lightness to it. Around this central pier parking and vehicular circulation is optimized. A structural lift core further reinforces the stability of the structure against wind load and deflection.

Wallsmith architectural research and practice (WARP) was established in 2014 by Ar. Shanil Riyaz and Ar. Pradeep Arumugam at Coimbatore, Tamil Nadu.

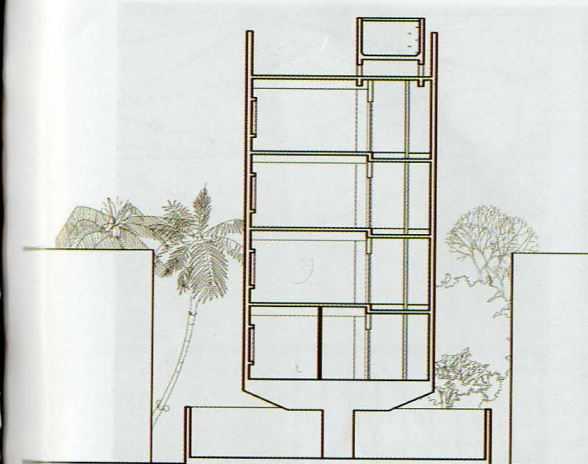
At .warp, we believe that architecture has the power to enrich humanity. Our practice involves extensive process in sculpting simple design parcels with a strong belief in geometry and nature. Each design in our practice has been through a process of interrogating the program, the form and the context. We aspire in creating spatial experiences by amalgamating engineering and art.



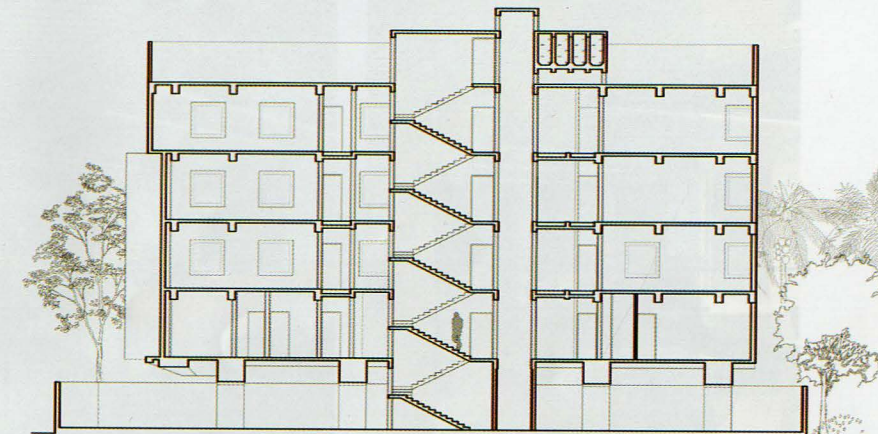
↑ 15° by .warp



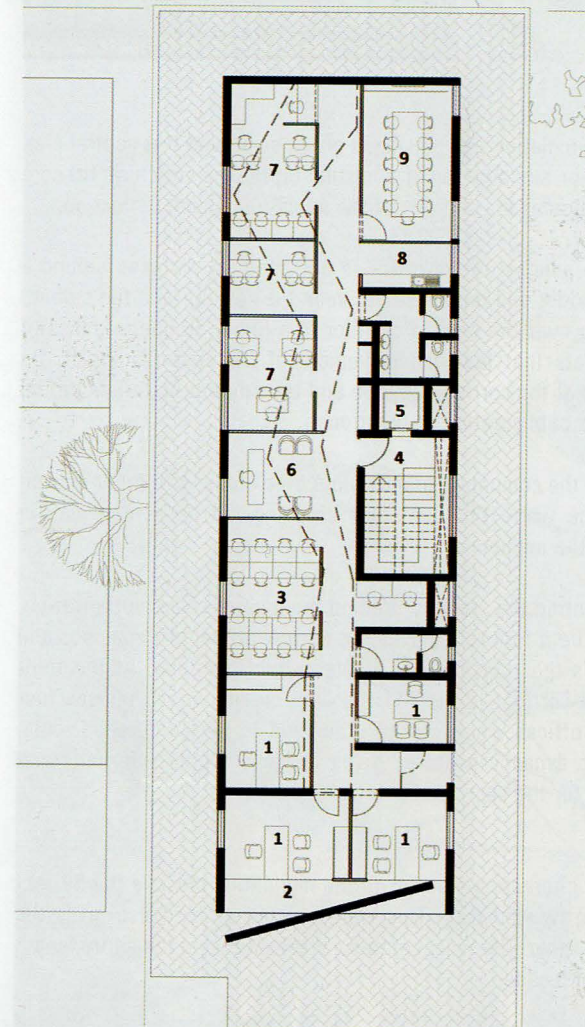
↑ Ground Floor Plan.



↑ Short section.

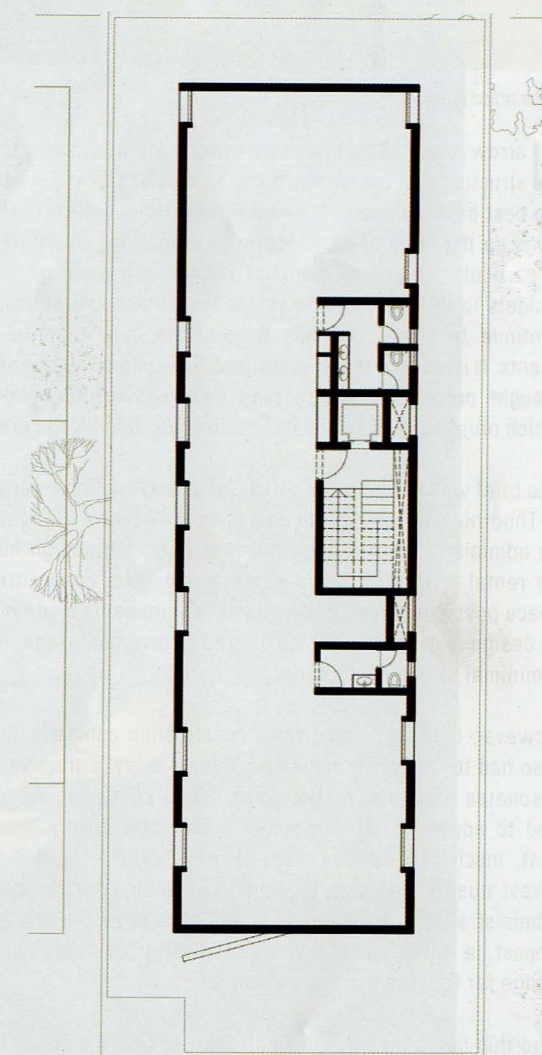


↑ Long section.



- 1. MD Room
- 2. Balcony
- 3. Workstation 1
- 4. Staircase
- 5. Lift
- 6. Reception
- 7. Workstation 2
- 8. Pantry
- 9. Conference Room

↑ First Floor Plan.



↑ Common Floor Plan.



↑ The office interiors.



↑ The office interiors.



Narrow plots. Space-starved cities. An aspiration to design a structure that overcomes these hurdles of site and space to ensure the best possible use of the rather limited floor plate... This perhaps sums up the state of architecture in developing countries. For India, in particular, this is an everyday reality. One could add constrained budgets to the mix too. And yet, despite these limitations, architects continue to shine, continue to innovate, and continue to delight clients. It is, in fact, these limitations that shape a unique architectural thought process, and impart an ingenious resourcefulness out of which projects such as 15° in Thoothukudi, Tamil Nadu are born.

The brief was to design an office for a construction company located in Thoothukudi, Tamil Nadu on a narrow 48 feet x 131 feet plot. With an administrative office on the first floor, the design had to allow for rental spaces on floors above to monetize every little ounce of space possible. Superficially, these requirements made it imperative to design a structure that maximized floor space usage, ideally with a minimal structural footprint.

However, being an office for a construction company, the structure also had to reflect an innovative, future-ready, attractive design that resonates with that of the construction company. The design also had to appeal to the company's prospective buyers, assuring them that, much like its own administrative office, the company would invest quality time and thought in all their construction. Thus, the administrative office building would have to be a brand ambassador, almost, a silent, subconscious marketing tool that built the right image for the construction company.

And this by no means is a small feat. Optimizing space is still, to a great extent, an act of common sense design. But creating a structure that is intended to invoke positive feelings for an entity, simply based on the design – that is an extraordinary challenge. Having taken on this challenge, .warp architects designed the entire complex as a monolithic cuboid rising over cantilevered beams supported on a row of central piers. Thus, by eliminating the use of peripheral columns, the space usage is optimized as per the requirement.

Vehicular circulation and parking is arranged around this central pier. Over this pier, sits a lattice of thin steel tubes. The structural lift core further reinforces the stability of the structure against deflection.

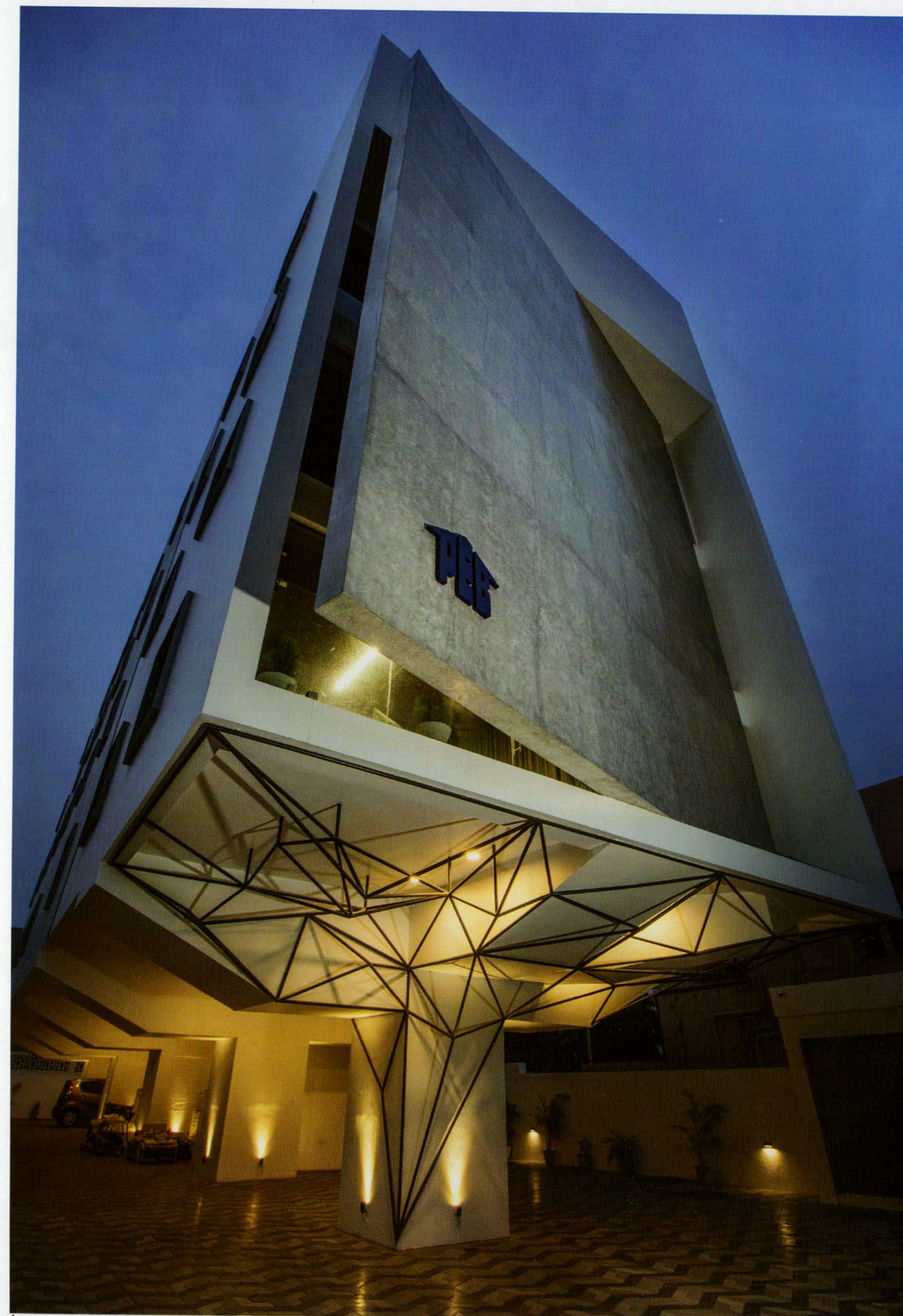
Inside, the administrative office is designed in two axes around a central corridor and the space between the corridor and the ceiling. The ceiling over the central corridor is a linear staggered mass of wooden slats that lead the movement of the visitor along it. On either side of the corridor, opaque and transparent materials define private and public nature of functions.

The use of the company's brand colour blue along with other neutral colours, the white Dholpur stone cladding, all go a long way in balancing the ambience.

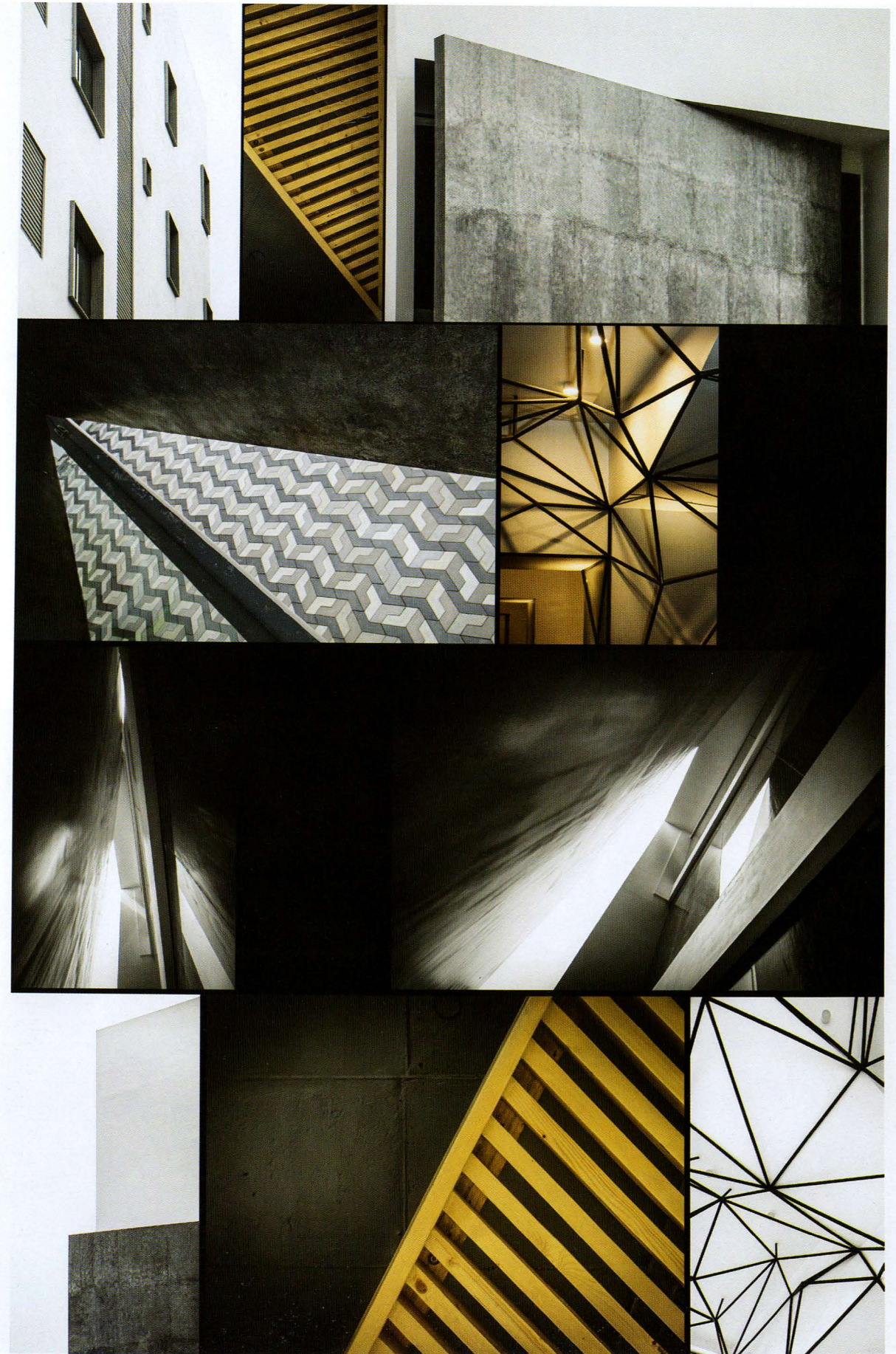
Complementing the architecture and the idea of space optimization, the sleek, light furniture makes the narrow office look spacious and emphasizes the transparency of the public functions. At the front end of the corridor is the twisted wall crevice which houses four directors' offices while on the other end is the conference room. The subtle dynamic gestures gives movement both internally and externally for the users and onlookers.

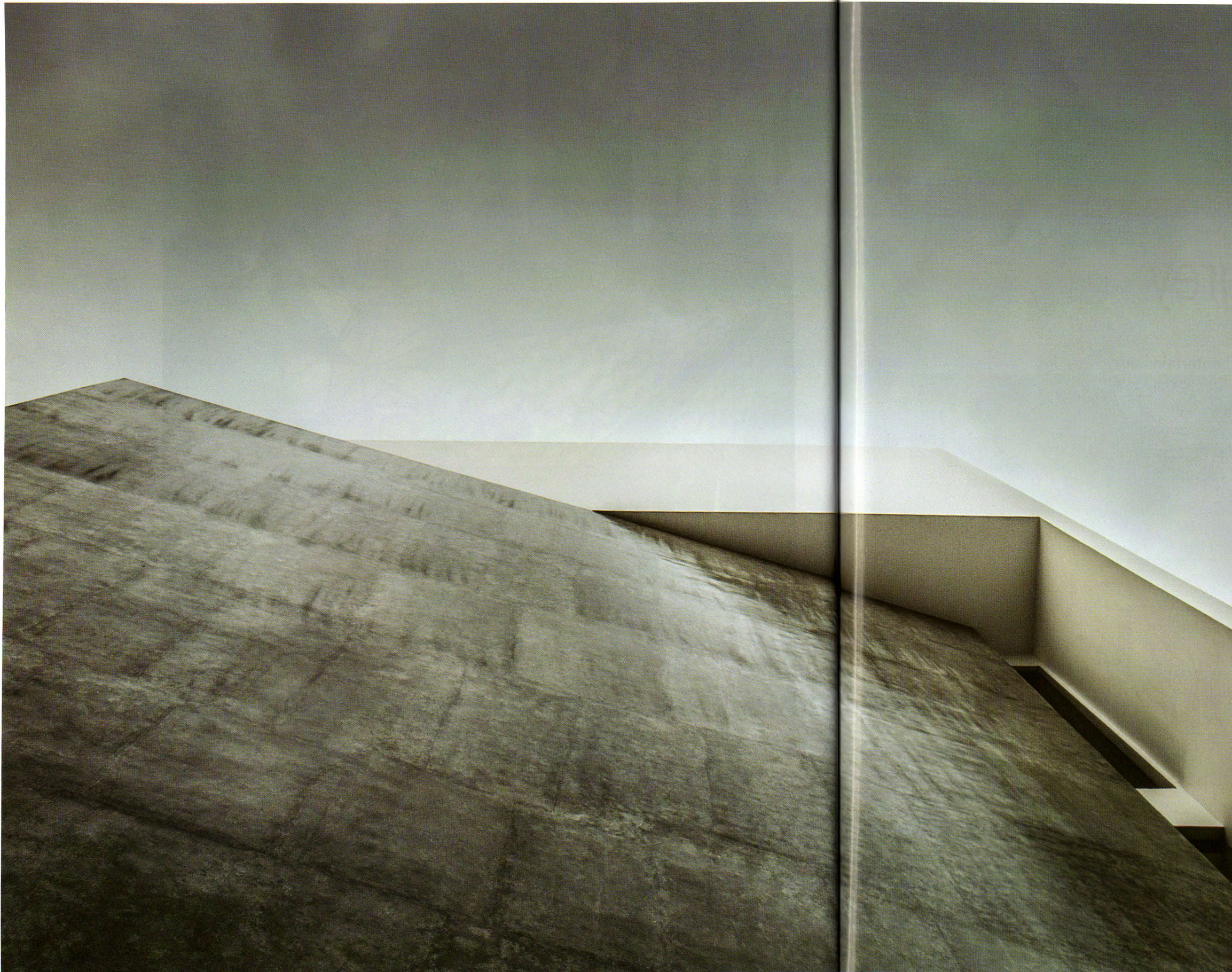
Adding an interesting element to the monolithic block is the 30 feet high iconic twisted wall. This wall, twisted at 15°, also gives the project its name. The twist creates a crevice running the entire length of the front façade.

The space created behind the wall is used as a balcony and green area. Visually, it creates an arresting feature. Its exposed concrete surface contrasting against the white border wall, and the clear blue skies beyond, is quite a sight. It is reminiscent of semi-open page of a book in some sense, slightly giving onlookers a peek inside, lighting a spark of interest. One can also interpret this as a brilliant new beginning, a new page in the fairly new architects' careers that one hopes to flip more pages of, and read more of. ■



↑ The entire complex is designed as a monolithic cuboid rising over cantilevered beams supported on a row of central piers.





↑ Close-up details.



FACT FILE:

Project	: 15°
Location	: Thoothukudi, Tamil Nadu
Architect	: .warp Pradeep Arumugam & Shanil Riyaz
Design team	: Balashanmugam, Monisha Radhakrishnan
Site Area	: 6288 sq. Ft.
Built Area	: 12780
Building / Project Category	: Architecture
Initiation of Project	: June 2015
Completion of project	: September 2017