



**McCoy Architectural Systems**  
INNOVATIVE. PROGRESSIVE. FUTURISTIC.

On the threshold of an  
**architectural revolution**  
ARCHITECTURAL STEEL STRUCTURES



## The next level in architecture: The emergence of steel

Revolution is here. Traditional materials like bricks and cement have given way to innovative materials that can bring imaginative architectural visions to life. From being a traditional truss and portal frame, steel has evolved to being an aesthetically appealing spatial structure. Steel has emerged as a key material of modern constructions. At McCoy, we have been defining newer dimensions using Architectural Steel as a central element.

McCoy cleverly uses steel to revolutionize architecture. With a unique ability to transcend conventions, McCoy has used steel to plan, design and execute modern retail malls, airports, commercial complexes, hotels and several other constructions.

McCoy provides modular architectural steel structures in form of spaceframes. Unlike traditional trusses, spaceframe is a three dimensional, lightweight, rigid structure constructed from interlocking struts or members in a geometric pattern. Spaceframes create long spans and column-free interior spaces. Their versatility, speed of assembling and erection, along with their capacity to span great lengths, make them a preferred choice of architects.

## The McCoy Advantage

An unparalleled design capability powered by originality and innovation, is the cornerstone of our Architectural Steel Structures. Add to that the intelligent ways to enable untried ideas and see these through from conception to completion.

Our unique **research and development facilities** allow us to deploy innovations as a driving tool. Moreover, well-established **in-house design teams** offer concept advice before proceeding to detailed engineering. Combining **creative and technical expertise** along with work scalability, we tailor our input to the needs of any project. Additionally, **advanced equipment and working methods** ensure the application of our expertise in the best possible way.

From design development through engineering, fabrication and installation, McCoy has established a reputation in Architectural Steel for **quality, service and reliability**.

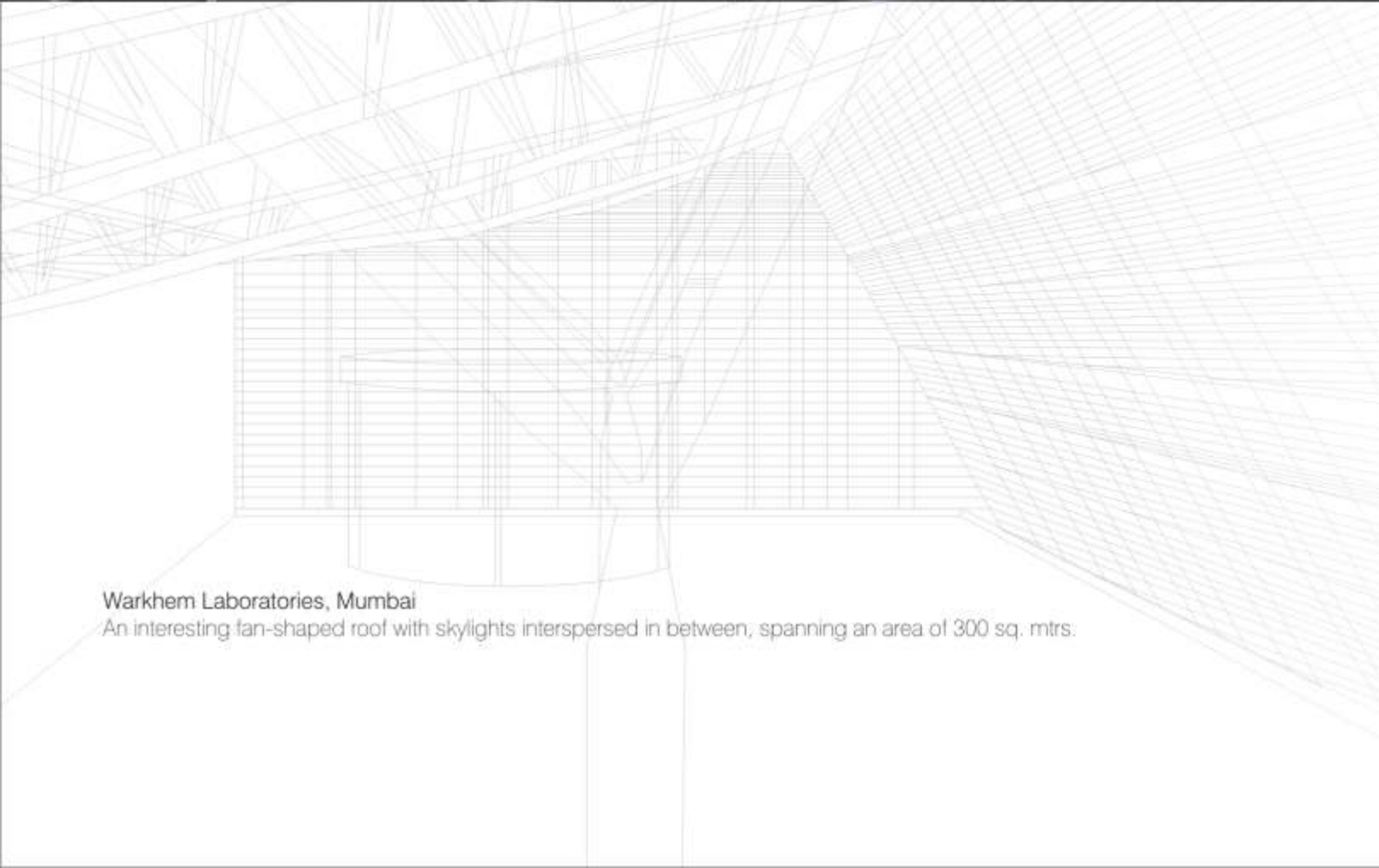
## Unfold ideas

McCoy's Architectural Steel Structures offer the potential to create spaces that are aesthetically pleasing and complement the natural environment.

### Applications:

- Building Enclosures - Roofs, Walls and Entrances
- Airports & Aircraft Hangars and Stadia
- Toll Plaza Canopies
- Commercial Buildings and Shopping Malls
- Special Applications - Towers, Frames, Bridges, Platforms, Hotels
- Railway Stations and Skywalks
- Exhibition Pavilions
- Convention Centers

Architectural Steel  
Structures



Warkhem Laboratories, Mumbai

An interesting fan-shaped roof with skylights interspersed in between, spanning an area of 300 sq. mtrs.



Sahara School, Administrative Building, Amby Valley

The standalone steel building has a working height of 12 mtrs. and stretches across 2000 sq. mtrs. area.



Sahara School, Cafeteria Block, 3 nos., Amby Valley

The standalone steel building has a working height of 8 mtrs. and stretches across 225 sq. mtrs. each block (3 nos.) area.

### Building Enclosures

Enclosures for building applications, offering durability and striking visual appeal.

Architectural Steel  
Structures



**K-Park, Mumbai**  
This elliptical standalone Steel Atrium has a 24 mtrs. working height and extends over 21 mtrs. of area.



**Sab Mall, Noida**  
Building enclosure in steel with a working height of about 20 mtrs.

## Commercial Buildings

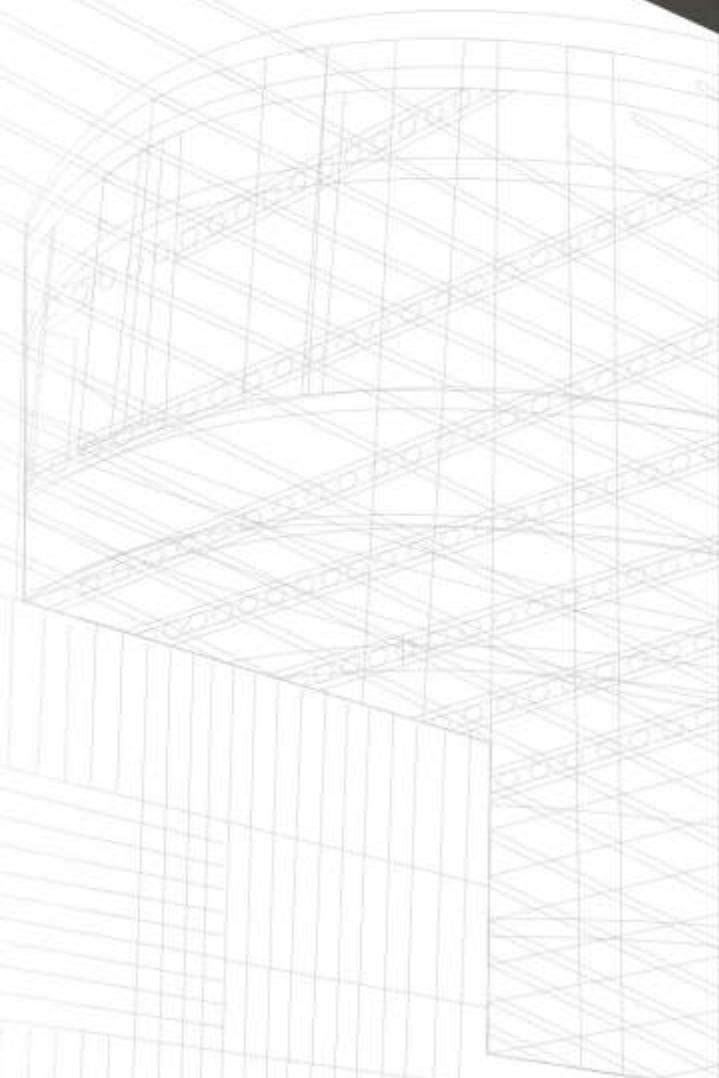
Lasting steel frameworks, ideal for modern commercial buildings seeking contemporary look.

## Architectural Steel Structures

**Crystal Point, Mumbai**  
The mall with a working height of 24 mtrs.

## Shopping Malls and Theme Parks

Solid inner structures in steel for greater durability and state-of-the-art look.





**Mumbai Airport:** A working height of 15 mtrs., spanning across 6000 sq. mtrs. of area (24 mtrs.x 24 mtrs.).



**Gondia Airport Hangar, Gondia**  
A unique shaped spaceframe structure covering an area of 9000 sq. ft. with a working height of 21 mtrs.

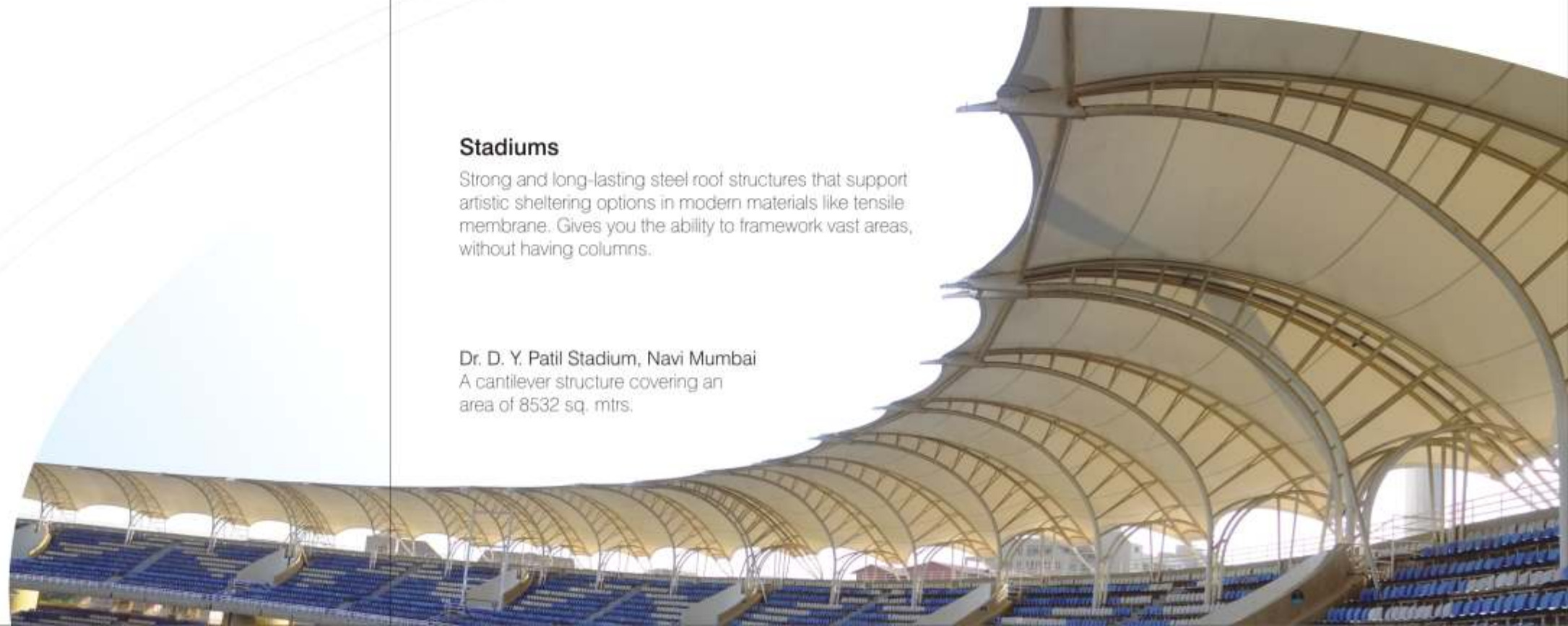
### Airports and Aircraft Hangars

Steel structures with durability and strength required for roofing airports and hangars. Its unique feature allows you to create frameworks across large spans, creating column-free spaces.

### Stadiums

Strong and long-lasting steel roof structures that support artistic sheltering options in modern materials like tensile membrane. Gives you the ability to framework vast areas, without having columns.

**Dr. D. Y. Patil Stadium, Navi Mumbai**  
A cantilever structure covering an area of 8532 sq. mtrs.





**Kolhapur Toll Plaza**  
A spaceframe structure spanning 55 mtrs. with a working height of 7 mtrs.



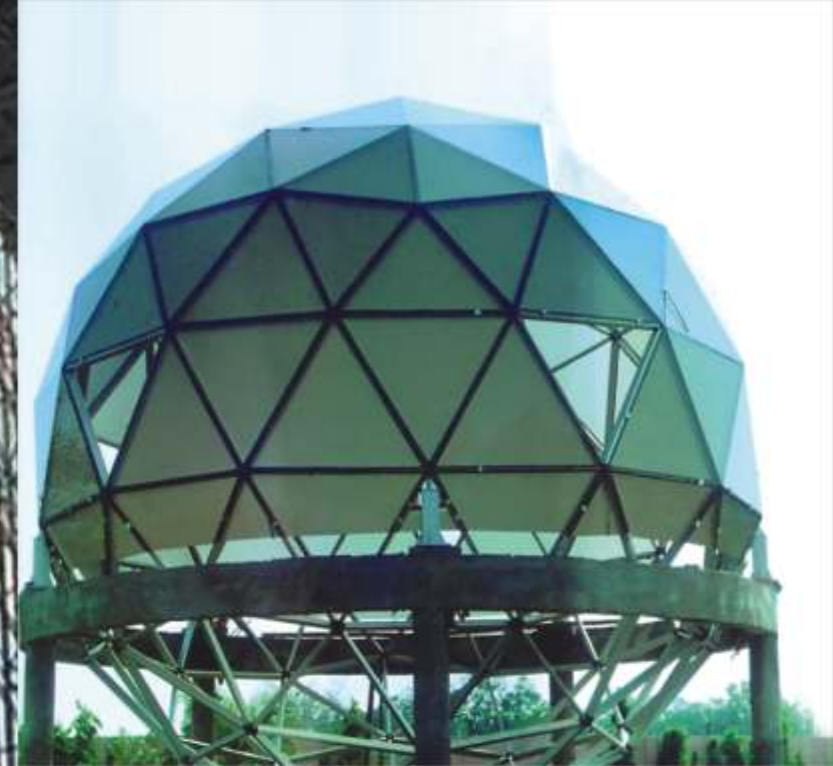
**Bandra Terminus**  
A distinct spaceframe structure covering an area of 500 sq. mtrs.

**Toll Plaza canopies**

State-of-the-art canopies offering protection against elements of nature while adding to the aesthetic appeal and delivering value-for-money.



**IMAX Adlabs**  
A unique structure with a vertical spaceframe.



**Geodesic dome - KIPT, Bhubhaneshwar**  
A state-of-the-art design of Geodesic spaceframe structure with glass cladding.



**Reliance Industries Ltd.**  
The massive spaceframe structure spanning over an area of 5000 sq. mtrs. at a towering working height of 22 mtrs.

**Spaceframes**

Enormous spanning capacity enclosing vast spaces, with column-free interiors, high aesthetic appeal and ability to last long.

Our  
accomplishments



## McCoy Architectural Systems

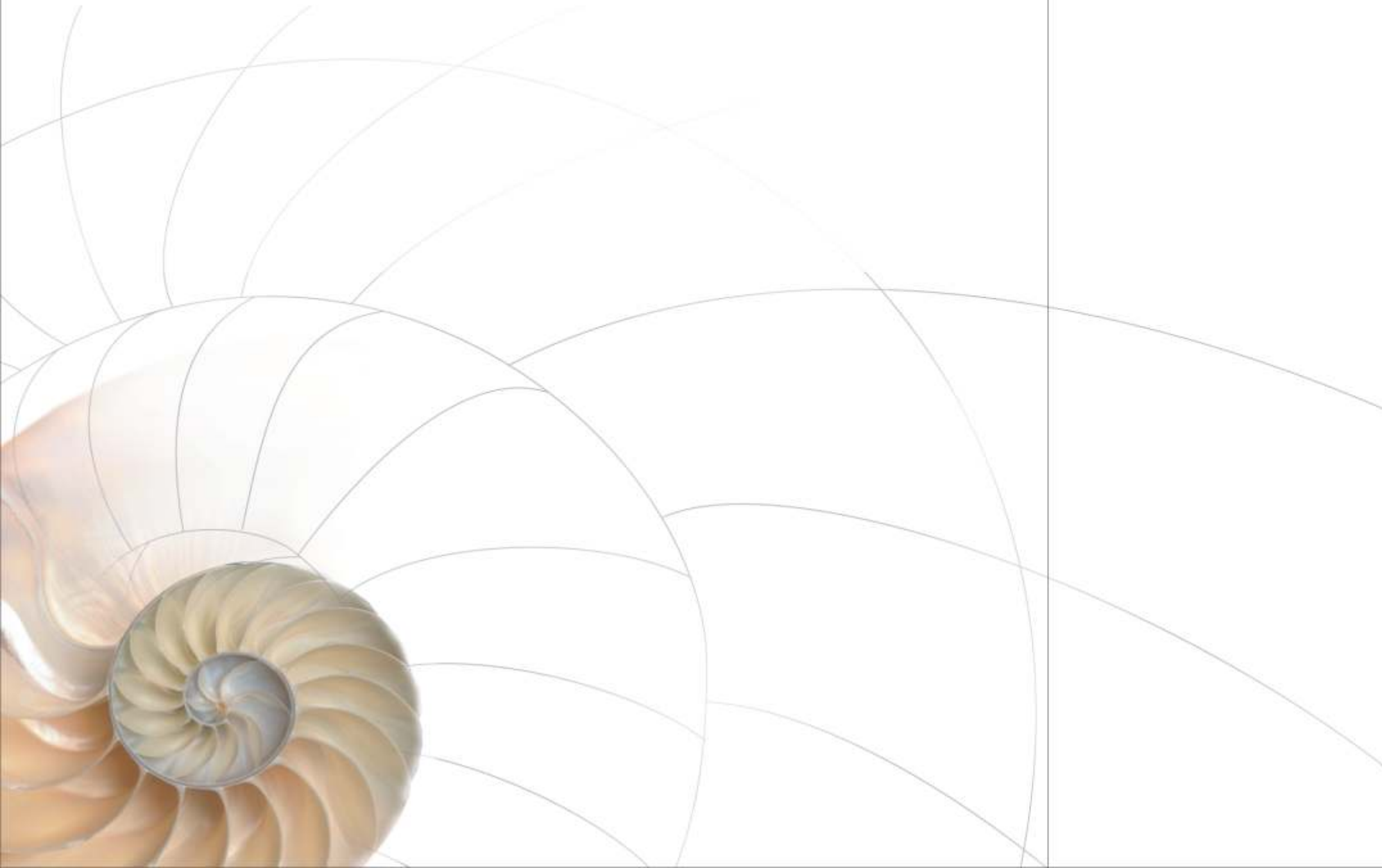
We at McCoy are creative engineers, providing architectural products for building construction industry. Over a decade and a half, we have been adding new dimensions to architecture. Be it creating skylights in unconventional and seemingly impossible shapes, or using steel as an aesthetically appealing spatial structure, we have pioneered several architectural evolutions.

Apart from Architectural Steel, McCoy also offers other architectural products:

- Tensile Membrane Structures
- Spaceframes
- Skylights
- Façade Systems

### McCoy at glance:

- A legacy of more than 15 years with expertise in innovation, product range, technical support, execution capabilities and superior service
- Experience of planning, designing and executing numerous government, public, commercial and residential projects across India
- Ability to execute projects within scheduled time frames backed by an efficient project management team
- Every McCoy structure stands testament to the aesthetic sense, flexibility, speed of completion and economy that have come together to become the McCoy hallmark.







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