



McCoy Architectural Systems
INNOVATIVE. PROGRESSIVE. FUTURISTIC.

Evolving to new
perspectives



Introduction

Think big. Think wide. Think beyond.

Architecture has evolved. From bricks and cement to steel and glass. From traditional constructions to innovative designs. Architecture has transcended boundaries. Here at McCoy Architectural Systems, we bring imaginations from the creative canals of your mind to the real world. We confront conventions and go beyond norms.

McCoy at a 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.
- In-house manufacturing facilities with a team of highly qualified and vastly experienced experts.



CWG 2010 Games Village, Delhi

City Centre Mall, Navi Mumbai

Lokhandwala School, Mumbai

McCoy Architectural Systems: The Creative Engineers

We at McCoy are creative engineers, providing architectural products for building construction industry. For over a decade and a half, McCoy has been at the forefront of exploring new horizons, discovering new perspectives and evolving new solutions. Blending aesthetic appeal with modern technology, McCoy brings to life the structures that were once considered impossible.

Offering the most comprehensive range of products for all kinds of construction applications, McCoy has developed intense expertise and capabilities to execute projects anywhere in India. From airport roofs to stadium shelters, industrial roofings to atria and canopies to facades, every McCoy structure stands testament to the aesthetic sense, flexibility, speed of completion and economy that have come together to become the McCoy hallmark.

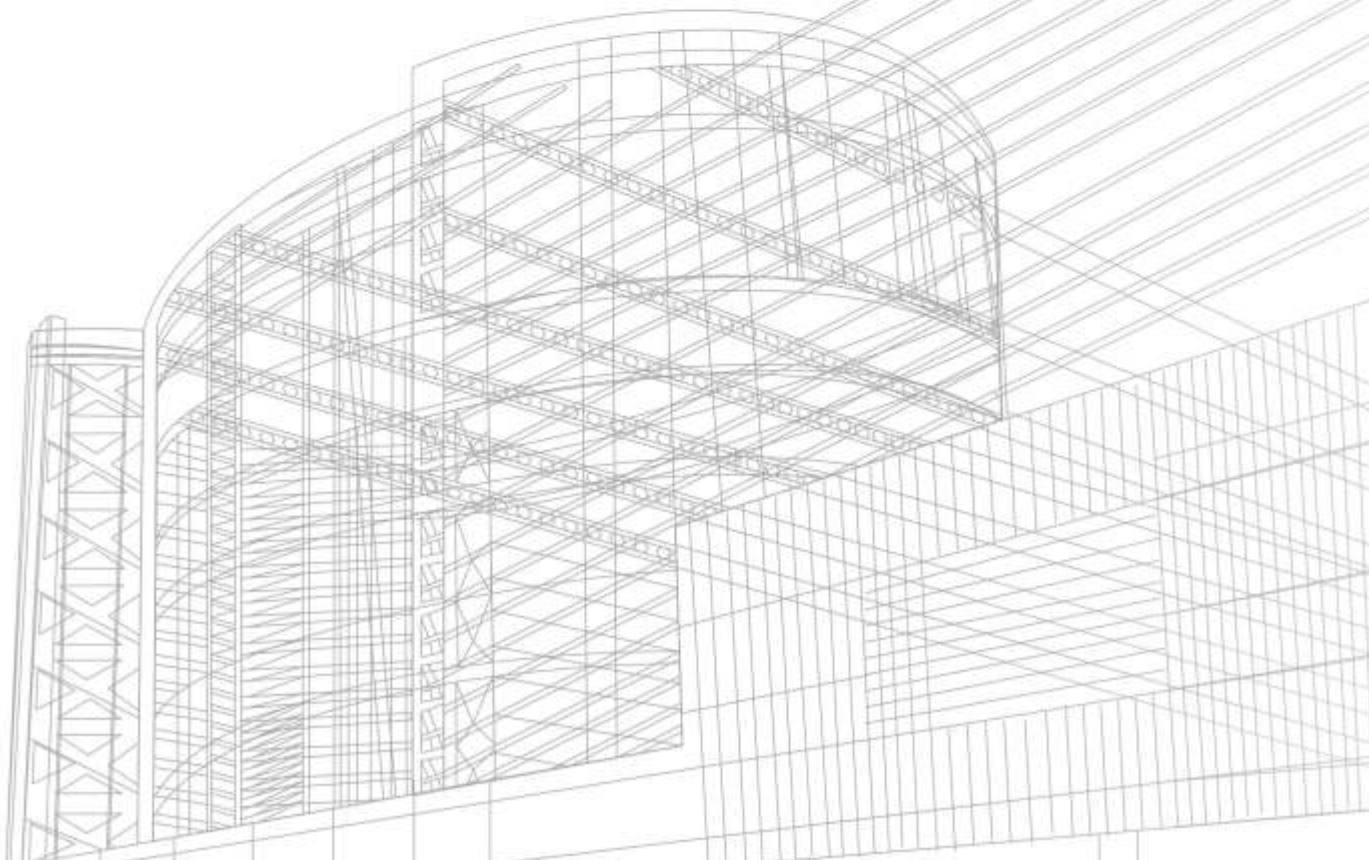
McCoy offers innovative solutions for:

- Architectural Steel Structures
- Tensile Membrane Structures
- Spaceframes
- Skylights
- Façade Systems

Architectural Steel Structures

Applications

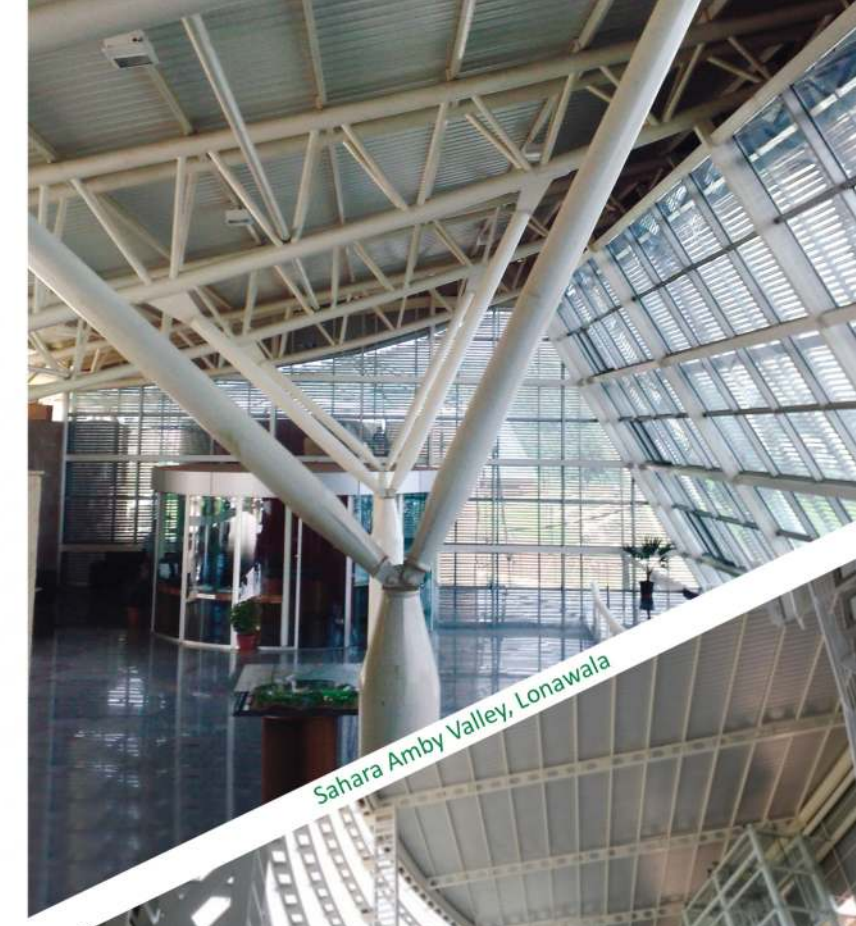
- Grandeur Landmark Architectural Steel Buildings
- Building Enclosures - Roofs, Walls and Entrances
- Special Applications - Towers, Frames, Bridges, Platforms, Hotels and Commercial Buildings
- Shopping Malls and Theme Parks
- Airports and Aircraft Hangars
- Railway Stations and Skywalks
- Stadia
- Toll Plaza Canopies
- Arenas
- Exhibition Pavilions
- Convention Centers
- Entrance Canopies



Architectural Steel has evolved from the traditional trusses and portal frames to modern day aesthetically appealing spatial structures. Steel is an element of modern architecture rather than a conventional building material. This involves creation of architectural element in the building rather than stand-alone structure.

Modern materials like glass, thermoplastic etc. are combined to provide aesthetically appealing and environment friendly structures.

Sahara Amby Valley, Lonawala





D. Y. Patil Stadium, Navi Mumbai



CWG 2010 R. K. Khanna Tennis Stadium, Delhi



Growel Mall, Mumbai

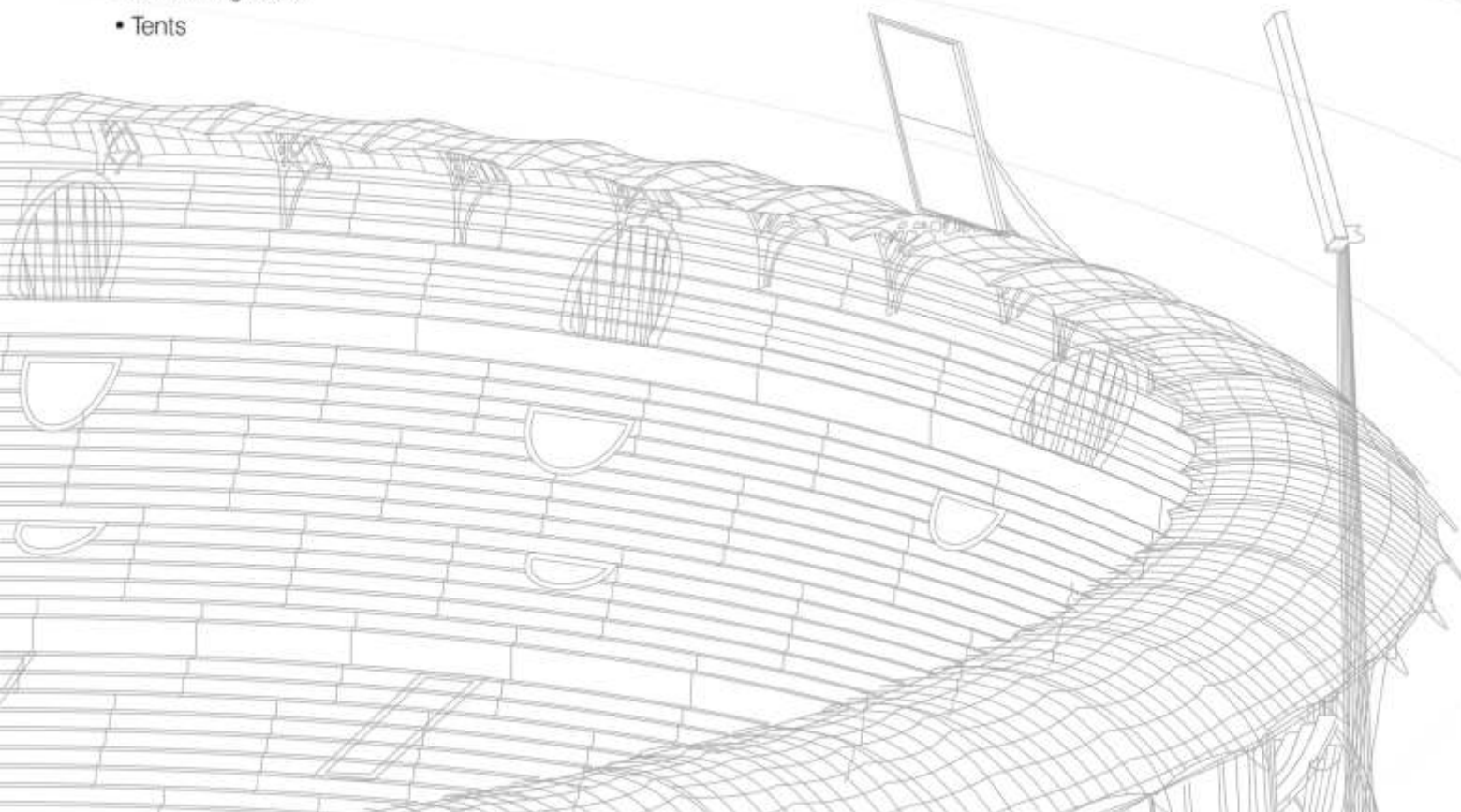


IRB- Bharuch Toll, Surat

Tensile Membrane Structures

Applications

- Stadia
- Atrium Roofs
- Car Parks
- Toll Plaza Canopies
- Entrance Canopies
- Umbrellas
- Art/ Sculpture
- Icon Buildings
- Commercial Retail Centers
- Malls
- Walkways
- Resorts
- Swimming Pools
- Tents



As one of the country's pioneers, McCoy offers world-class expertise in Tensile Membrane Structures through global alliances that have changed the face of our cityscape. Seemingly impossible structures using traditional building materials have become a reality in membrane architecture.

Architectural Membrane Structures are characterized by having a rather small mass relative to the applied load, which is determined through an optimization process. The primary types of the structures include Synclastic (frame supported), Anticlastic (cable net), Cable-and-strut (tensegrity), Air-supported and Air-inflated.



Toll Plaza, Kolhapur



Mumbai Airport



Bandra Terminus, Mumbai



Geodesic Dome KIPT, Bhubhaneshwar

Spaceframes

Applications

- Aircraft Hangars
- Industrial Roofing
- Petrol Pumps
- Toll Plazas
- Showrooms
- Canopies
- Atria
- Sports Facilities
- Entrance Canopies

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 can help 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.

Varied Spaceframe Systems in multiple grid shapes give customers a broad choice, allowing them to design and create structures of diverse configurations and spans. Simple geometric patterns offer every structure a contemporary look with the option of gloss or matt glazing finish, offering great alternatives to customers.

The durability is assured as these structures can absorb changes of unexpected loads, thus making them extremely enduring. Expertise of our in-house team and our modular system design helps us provide fast-track deliveries at fairly modest rates.



K-Park, Mumbai

Skylights

Applications

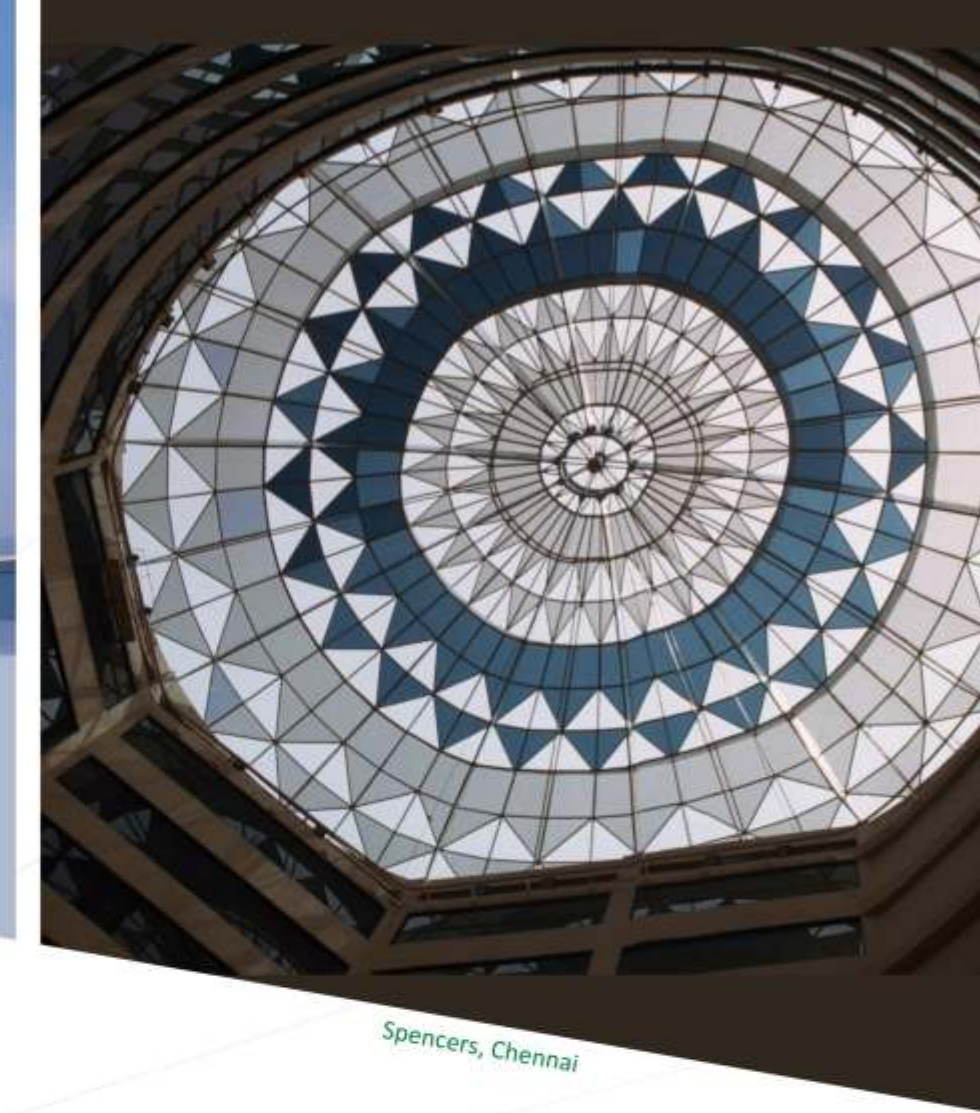
- Atrium Roofs
- Entrance Canopies
- Walkways
- Ramp Coverings



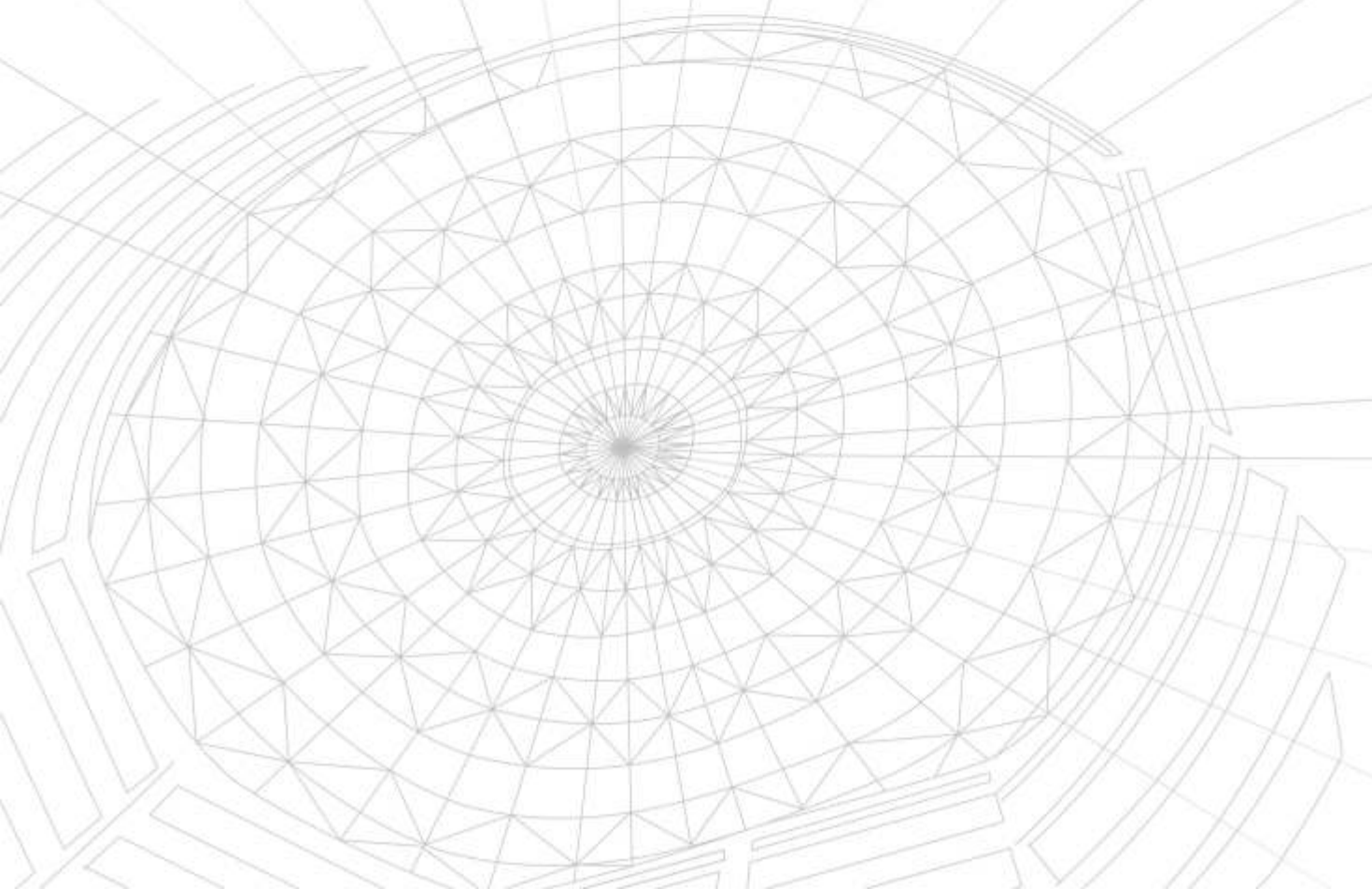
Stock Holding, Navi Mumbai



Growel, Mumbai



Spencers, Chennai



We at McCoy have been designing, manufacturing and installing standard, custom and structural Skylights throughout the country for the last decade and half. Our Skylights are designed for strength, maximized light and insulating values. We have set the industry standards for product durability, versatility and energy efficiency.

Our rich experience in manufacturing Skylights has meant a pool of learning that helps us overcome several on-ground difficulties and practicalities. This facilitates in a swift and trouble-free execution, with negligible wastage of material, giving tremendous value for money. All aluminum structures also ensure light and durable Skylights that have become the high point of contemporary structures.

McCoy Skylights are offered in steel as well as all aluminum construction. Usually polycarbonate or safety glass is provided for Skylight cladding. These are clamped with the help of aluminum clamping system. In case of glass, Skylights can also be provided with structural glass having point fixing systems.

Safety being the key element, Skylight is provided with laminated glass for its performance against breakage. Smoke activated fire escape systems, ventilation arrangements or complete retractable arrangements can be incorporated as an optional feature.



Crystal Point Mall, Mumbai



K-Park, Mumbai



Sab Mall, Noida



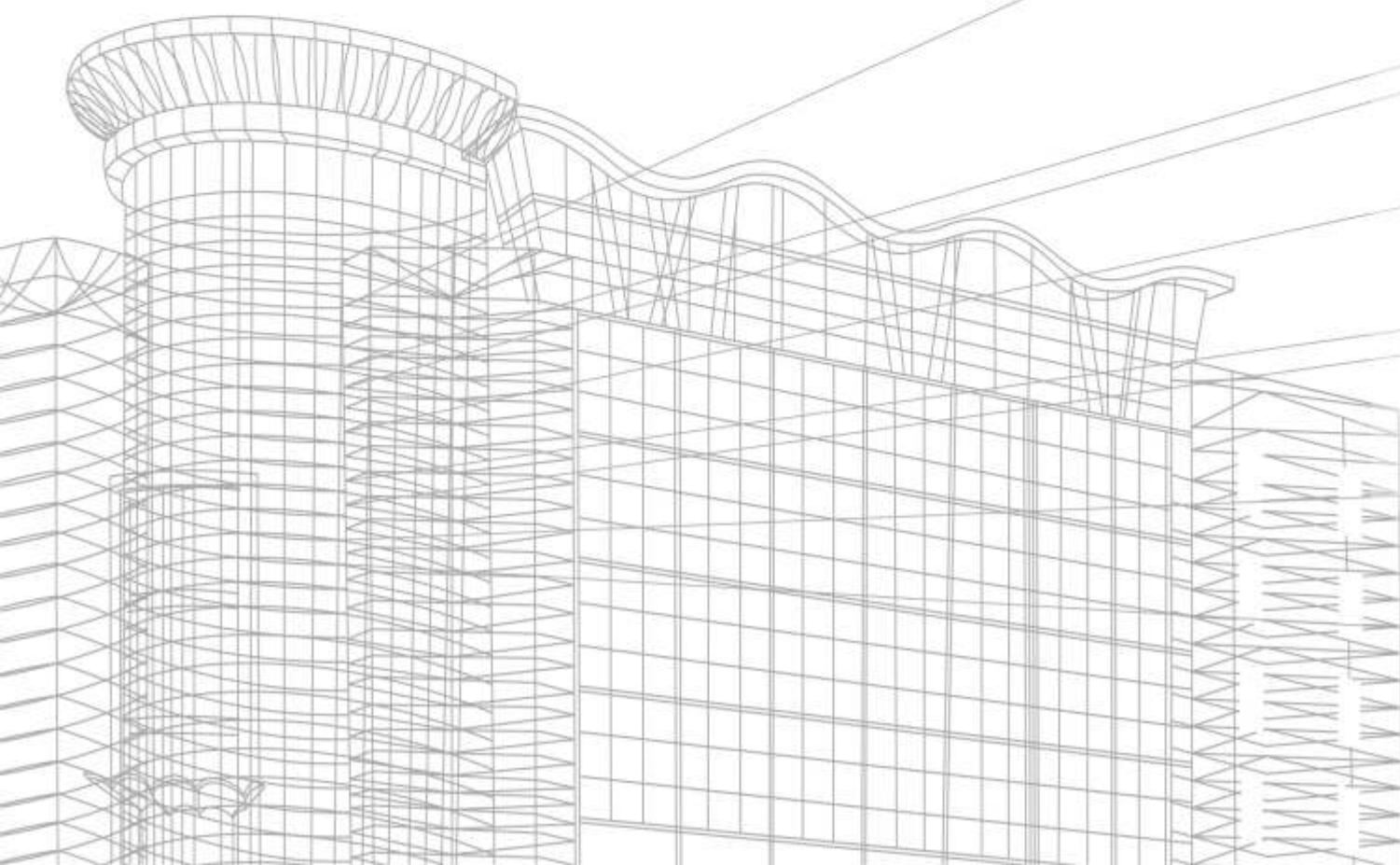
Haiko Mall, Mumbai

Facade Systems

Building façades have leaped to the next level. At McCoy, we don't just construct façade systems, we craft them. Be it Curtain Walling or Structural Glass, McCoy Façade Systems are a perfect blend of world-class aesthetics and enduring quality. From planning to designing to construction, we create visually stunning façades that stand the test of time.

Applications

- Residential Buildings
- Commercial Buildings
- Malls



a) Curtain Walling

Curtain Wall and Structural Glazing Systems are offered with the heat reflective coloured glasses providing transparent one way vision. Aesthetically appealing façades are ideally suited for commercial and residential projects. Aluminum Composite Panel consists of thermoplastic core of low density polyethylene sandwiched between two layers of high grade aluminum sheets coated with PVDF.

Our highly flexible Glazing System facilitates furnishing of even an existing structure constructed out of conventional materials. Age old constructions can be brought to life by revamping the exteriors through glazing, thus creating a striking impression.

Commitment to durability underpins all our constructions. We use only high quality fittings and world-class glass. Moreover, our glazing provides excellent weather resistance. On the whole, our uncompromising quality focus prolongs the life of the Façade System.

b) Structural Glass

Frame-less Spider Glazing and Suspended glass Systems are offered as shop fronts for display or any other applications requiring transparent two way vision.

Suspended glass walls provide floor to ceiling vision areas by employing glass fins and metal patches and flexible silicon weather seal to join large glass sheets.

Spider Glass Fin System offers total frame-less glass vision without obstruction and yet provides the liberty of creativity. Fully tempered and heat soaked glass assures safety and reliability while it offers complete design freedom for mechanical fixtures.



D. Y. Patil Stadium, Navi Mumbai

Our accomplishments



The ability to accomplish

McCoy's expertise and capabilities enable it to independently plan, design and construct an entire building out of its range of products - spaceframe, architectural steel, skylight, tensile membrane and façade system. This unique ability, coupled with the attitude to deliver supreme quality at amazing speeds, has positioned McCoy in a league of its own. Consistent performance over the years has earned McCoy an indomitable reputation for excellence and reliability.







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