



Turnkey Solutions for Building Structure's – Using Prestressed PRECAst Construction Technology

Why PRECAst



High Quality & Durable

Precast concrete reinforces the quality of construction and extends building life span. Research proved precast elements have over 100 year life with much lower life cycle costs. Factory-made products are the result of rational & efficient manufacturing processes, skilled workers, quality surveillance, etc.,



Structural Efficiency

A hollow core slab offers the ideal structural section by reducing dead weight whilst providing the maximum structural efficiency with the minimum slab depth. This provides the means of longer spans there by reducing internal load bearing walls and foundation.



Versatility of Design

Precast concrete buildings are functional and beautiful. Unlike conventional concrete, precast provides a structural platform which will give the architects and structural engineers greater freedom in designing virtually any layout.



Cost Effective

The long spans, columns & beams, minimize costs. With hollow core pre-stressed elements, structure weight will be reduced and thereby reducing foundation requirement & costs.



Rapid Construction

Precast concrete construction does jobs sooner. The manufacturing of pre-stressed elements and site preparation can proceed simultaneously. Early occupancy provides benefits to the client along with saving in Interest costs.



Conserves Energy

Pre-stressed concrete components can improve the thermal storage potential of a building. It effectively conserves energy required for heating and cooling.



PRECAst the only way forward

Non Availability of skilled labor

The Indian construction sectors have grown many folds over the past few years but the manpower in these sectors have not grown at the same pace, making alternative methods a necessity

Projects sizes have increased many folds

Typical project sizes have increased which makes it impossible to stick to conventional methods of constructions. Large scale projects need solutions which are innovative and are much faster.

Quality Execution & Round-the-clock Execution

Conventional construction is fraught with many quality issues. Adding to that, compelling night shift workings, sparsely controlled materials and work have been causing severe quality shortfalls and deficiencies. Whereas, Precast is of high quality due to production under controlled environment.

Time is money

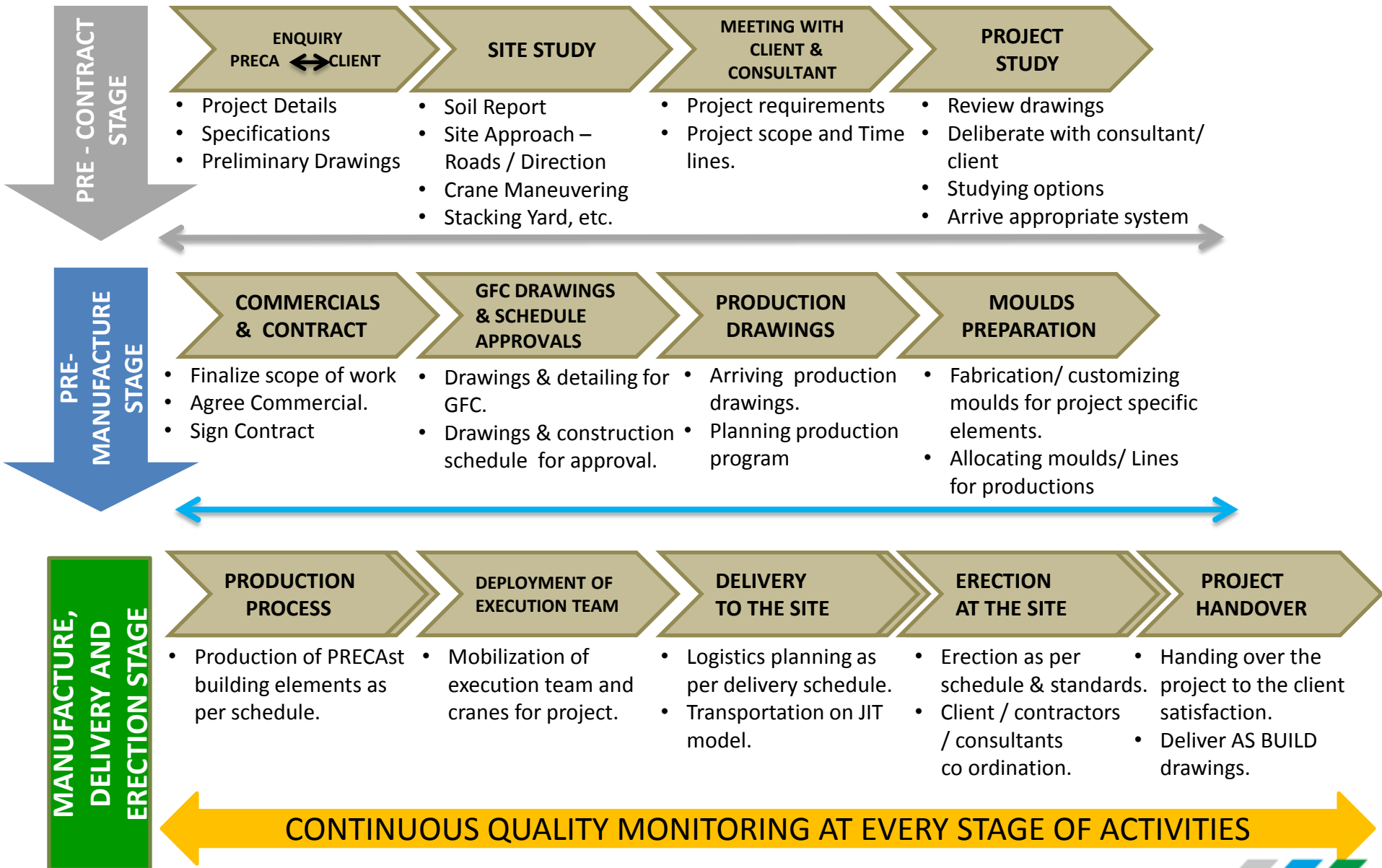
Precast methods are much quicker than conventional method of construction. Hence realizations are much quicker not to mention saving in interest costs.

Cost effective solution

PRECAst model of development is much more cost effective as compared to conventional development methods



PRECAst Turnkey Activity Flow



Green Building LEED Certification: PRECAst

LEED Category	Credit Reference	Credit Earning Factor	PRECA advantage	Potential Points
Innovation & Design	Credit 1.1 to 1.4	Innovation in design	Preca designs are compatible for meeting the innovation requirement	2
	Credit 1.1 to 1.4	Use of Supplementary Cementitious Materials (SCM)	Preca products, do not involve fly ash, but uses less cement and hence are better match for SCM	1
	Credit 1.2	LEED Accredited Professional	Optional, although LEED aspiring Structures appoints a professional	1
Sustainable Sites	Credit 5.1	Site Development: Protect or Restore Habitat	Preca Products, because of JIT, help avoiding the disturbance to the surrounding habitats	1
	Credit 7.1	Heat Island Effect: Non - Roof	For relevant structures	1
Materials & Resources	Credit 2.1	Construction Waste Management: Divert 50% from disposal	Preca Products automatically reduce construction waste	1
	Credit 2.2	Construction Waste Management: Divert 75% from disposal	Preca Products automatically reduce construction waste	1
	Credit 4.1	Recycled content, use 5% post - consumer or 10% other	Preca Products are amenable to use recycled content	1
	Credit 4.2	Recycled content, use 5% post - consumer or 20% other	Preca Products are amenable to use recycled content	1
	Credit 5.1	Regional Materials: 10% Extracted, Processed & Manufactured Regionally	Preca sources all the materials regionally after careful quality checks	1
	Credit 5.2	Regional Materials: 20% Extracted, Processed, & Manufactured Regionally	Preca sources all the materials regionally after careful quality checks	1
Indoor Environmental Quality	Credit 3.1	During Construction: Indoor Air Quality Management Plan	Preca products, subject to the design, facilitate indoor air quality	1
Energy & Atmosphere	Credit 6.1	Optimize Energy Performance	Preca products are naturally energy efficient	10
Total Potential points for Green Building LEED Certification				23
By adopting GMP, Conventional construction methodology also may scores upto 10 points				



PRECAST: Environmental Friendly Construction

Lighter Structural Frame with Hollow Core Slabs:

HCS have less self-weight reducing deadweight of total structural frame. They have lower water-cement ratio besides enhancing Indoor Air Quality. HCS allow longer spans avoiding many intermediate columns. HCS' Soffits are smooth requiring less paints.

Energy Conservation Building Code, Ministry of Power, GoI:

Ministry of Environment & Forests made ECBC adherence mandatory. As precast elements facilitate ECBC compliance, precast is fast emerging as the natural choice.

Environmental Clearance, Ministry of Environment & Forests, GoI:

MoE&F suggested usage of Precast and particularly Hollow Core Slabs in their Manual on norms and standards for environmental clearance of large constructions.

Conservation of Natural Resources:

Precast Construction conserves natural resources by reducing air pollution, water consumption & pollution, sound pollution, and impact on local communities & surroundings of the construction site.

Green Manufacturing Award:

PRECA received award for its Good Manufacturing Practices and Green Category Precast Products.





Pictorial Case Study:
Factory Produced Buildings
(Prestressed & Precast Construction)

PRECAst Advantage — No Brick Work



Past..



PRECAst..

PRECAst Advantage — Less Steel



Past..



PRECAst..

PRECAst Advantage — No Shuttering & scaffolding



Past..



PRECAst..

PRECAst Advantage — Safe Construction



Past..



PRECAst..

PRECAst Advantage – Better Quality & Finishes



Past..



PRECAst..

PRECAst Advantage — Better Site Conditions



Past..



PRECAst..



Save Earth
Save Energy
Save Environment





Pictorial Case Study:
Factory
Produced & Delivered Buildings
(Prestressed & Precast Construction)

IT SEZ Building: 3,40,000 Sft



IT SEZ Building :



Project Description:

- ✓ Office Building, Stilt-2+G+7, 3,40,000 Square Foot
- ✓ Precast work started at 3rd level roof onwards - 1,70,000 square foot

Construction Methodology:

- ✓ Precast Prestressed Hollow core Slabs, Prestressed Beams and In- situ Columns, Staircase & Brickwork

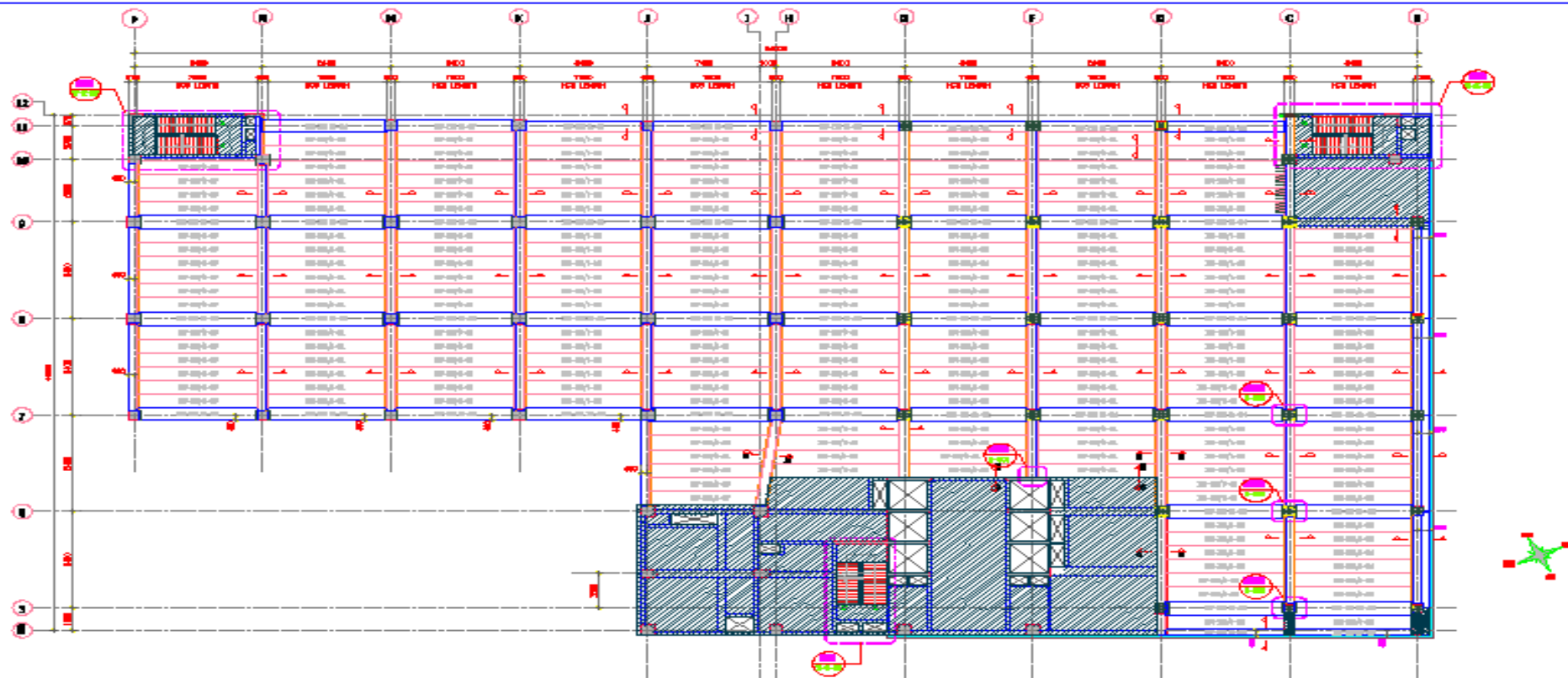
Our Scope:

- ✓ Turnkey delivery - Prestressed Hollow core slabs & Prestressed Beams

Result

- ✓ [Client met his time lines set by his customer](#)
- ✓ PRECA awarded with new Project by client

IT SEZ Building: Typical Floor Layout



HOLLOW CORE SLAB LAYOUT FOR TYPICAL FLOOR

Floor Details:

- ✓ Floor Area = 32,500 Square Foot, floor to floor height = 4.2m

Grid Details:

- ✓ Grid size = 8.4 m x 8.4 m

Structural details :

- ✓ Precast Frame Structure with Hollow core slab, Prestressed beam and In- situ columns.

- ✓ Hollow core slab & Prestressed beams (M50)
- ✓ HCS depth = 200mm with structural topping = 50mm & Prestressed beam depth including slab thickness = 460mm
- ✓ Erection with 1 crew of 6 no's + 1 Crane - 150 ton
- ✓ The MEP services were run through the prearranged openings provided in the Precast Prestressed beams as per services layout.

IT SEZ Building: Visuals



IT SEZ Building: Visuals



Logistics:



- ✓ Precast elements are transported from factory to the site on the flat bed trailers of 12m length with loading limit of 30 tons
- ✓ Number of elements (Hollow core slab/ Prestressed beams) per trip depends on weight of elements.
- ✓ Wooden sleepers are provided at both the ends of elements and wrapped with steel chains/belts for safe transportation.
- ✓ Entry in city was restricted and allowed only after 10.00 pm
- ✓ As entry in city was restricted all the trailers were loaded in the evening at factory and reached the site during the permitted times.
- ✓ As per program, the erection was carried out by lifting directly from trailers. Elements are unloaded on the ground as per next day program.

Crane for Erection:

- ✓ 150 ton mobile mechanical crane was used for erection of precast elements.
- ✓ Crane specification: 40 m working radius with end tip load capacity 6.5 ton.
- ✓ Crane height: Main boom 32 m + luffing boom 46m
- ✓ Maximum weight of elements erected - hollow core slab 3 ton & Precast Prestressed beam 7.5 ton



IT SEZ Building: Onsite Issues - Approach Adopted

Issues	Approach Adopted
The ongoing project under execution was given to PRECA for implementation.	The advantages of Precast Engineering could not be fully utilized. However the advantages of quality & speed is demonstrated with in the budget.
Client has no experience/ team in erecting the precast elements	Erection was undertaken by PRECA with its highly experienced team.
Column corbels - Not planned	Corbel free solution was provided by placing temporary steel brackets for supporting precast beam.
Limited Crane Maneuvering	Angle of crane movement was restricted to 135 degrees against the available 360 degrees. The handling of elements was planned and done in the same direction.
Limited Storage Place for elements	Accurate delivery schedule to match erection program (Just in time Inventory)

IT SEZ Building: Delivered in 4 months



Office Building: 1,65,000 Sft



Office Building:



Project Description:

- ✓ Office Building, Stilt-2+G+4, 1,65,000 Square Foot

Project Prime Challenge:

- ✓ Time line provided - [4.5months](#)

Construction Methodology:

- ✓ In- situ Columns, Precast Prestressed Hollow Core Slabs, Prestressed Beams, [Precast Retaining walls,](#) [Precast lift walls,](#) [Precast staircases.](#)

Our Scope:

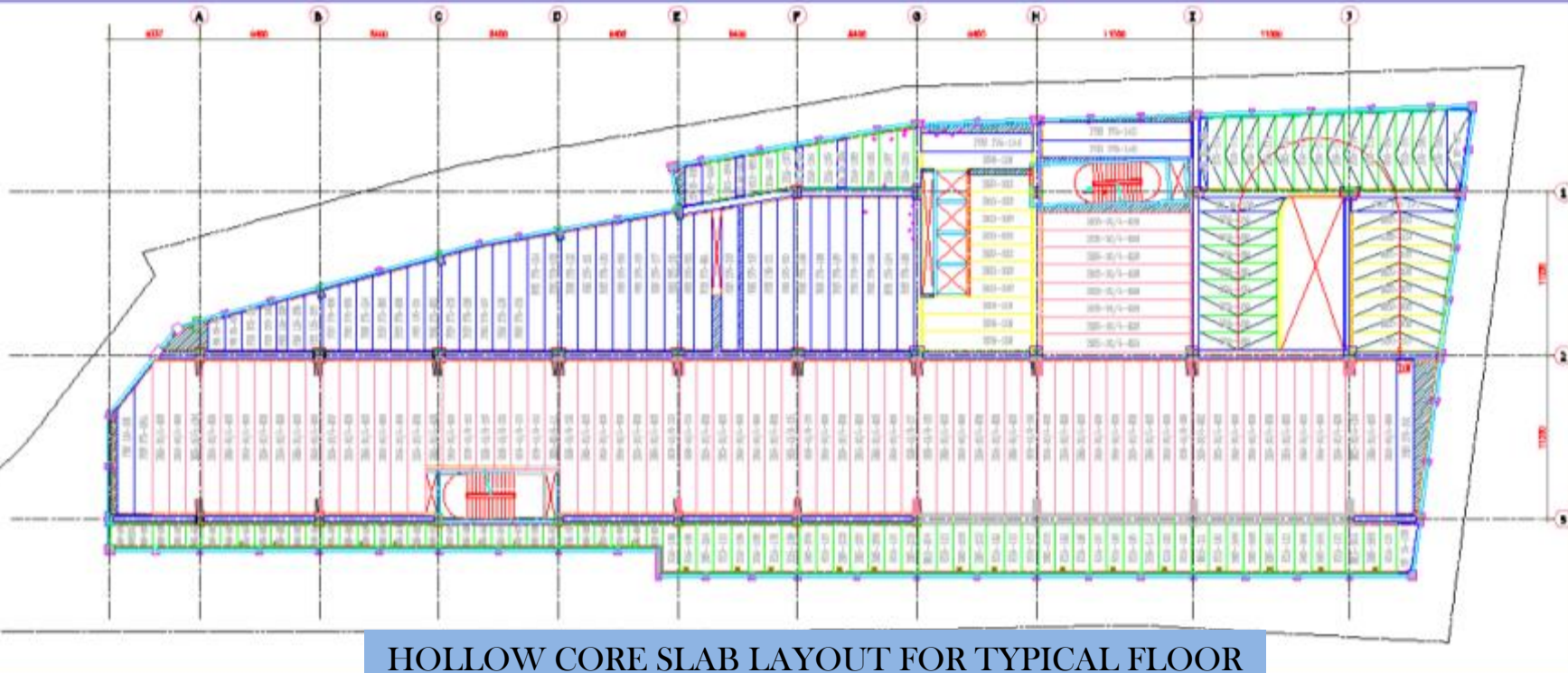
- ✓ Turnkey delivery- Precast Prestressed Hollow Core Slabs, Prestressed Beams, Precast Retaining walls, Precast lift walls, Precast staircases.

Result

- ✓ [Client met his time lines set by his customer](#)



Office Building: Typical Floor Layout



Floor Details:

- ✓ Floor Area = 26,550 Square Foot, Maximum floor to floor height is up to 3.85m

Grid Details:

- ✓ Grid size = 8.4 m x 11.0 m & 11.0 m x 11.0 m

Structural details :

- ✓ Precast Frame Structure with Hollow core slab, Prestressed beam, Introduced Precast retaining walls, Precast lift walls, Precast Ramps and Precast staircases and In- situ columns.

- ✓ Hollow core slab(M50) & Prestressed beams (M50) and for Precast Retaining walls, Precast Lift walls & Precast Staircases (M40)
- ✓ HCS depth = 150 & 250mm and structural topping =60mm & Prestressed beam depth = 520 mm
- ✓ Erection with 1 crew of 6 no's + 1 Crane - 150 ton.



Office Building: Approach Adopted

- As PRECA involved in planning stage itself the designs were optimized. 11m spans were introduced and economized sub structure of the building.
- The scope of work also expanded to Retaining wall, Lift walls, Staircase, Ramps, Hollow core slabs and Prestressed beams.
- The 3 sides of building is fully covered with natural rock hill and only one side approach is possible and the inside width of plot is also restricted to small cranes. Planned the erection of building in the vertical stages of construction.



Office Building: Visuals



Office Building: Visuals



Office Building: Visuals



Office Building: Delivered in 4.5 months



Hospital Building: 1,20,000 Sft



Hospital Building:



Project Description:

- ✓ Office Building, G+4, 1,20,000 Square Foot

Project Prime Challenge:

- ✓ Time line provided - [4 months](#)

Construction Methodology:

- ✓ Precast Prestressed Hollow Core, solid slabs, Precast Beams, Precast Columns, Precast Lift walls, Precast Ducts, Precast architectural elements and Staircases

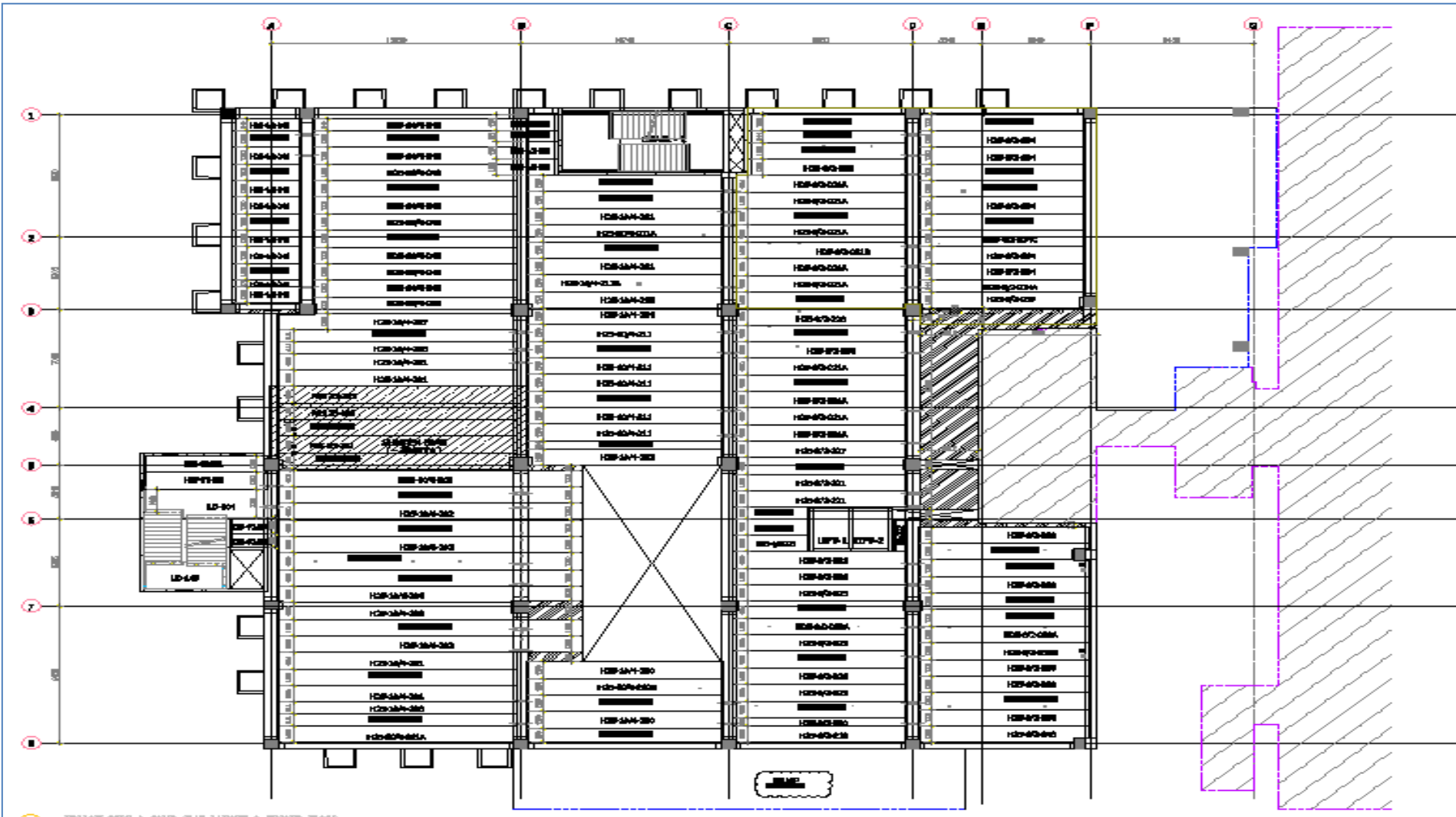
Our Scope:

- ✓ Turnkey delivery-Design, manufacture, delivery and erection of Precast Prestressed Hollow Core, solid slabs, Precast Beams, Precast Columns, Precast Lift walls, Precast Ducts, Precast architectural elements and Staircases.

Result

- ✓ [Project Delivered as per schedule](#)

Hospital Building: Typical Floor Layout



Details:

- ✓ Long Span Construction System Adopted: Hollow core slab with Beam.
- ✓ Max Span with Hollow Core slab = 15m
- ✓ Max Length of the Beam = 16m.



Hospital Building: Onsite Issues - Approach Adopted

Issues	Approach Adopted
Limited Storage	<input type="checkbox"/> Planned Just In Time delivery for the long elements
Crane Maneuvering	<input type="checkbox"/> Site was surrounded with three sides buildings. Crane Maneuvering was restricted to one side. <input type="checkbox"/> Planned phase wise erection.
Material Transport to Site	<input type="checkbox"/> Entrance to the site was the common entrance for the hospital block which was is in operation. <input type="checkbox"/> Planned night time delivery with minimum disturbance .
Minimum Tolerance to Existing Block	<input type="checkbox"/> Few Prestressing elements were supposed to erect with minimum tolerance to the existing building. <input type="checkbox"/> Planned special lifting and erection program.



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



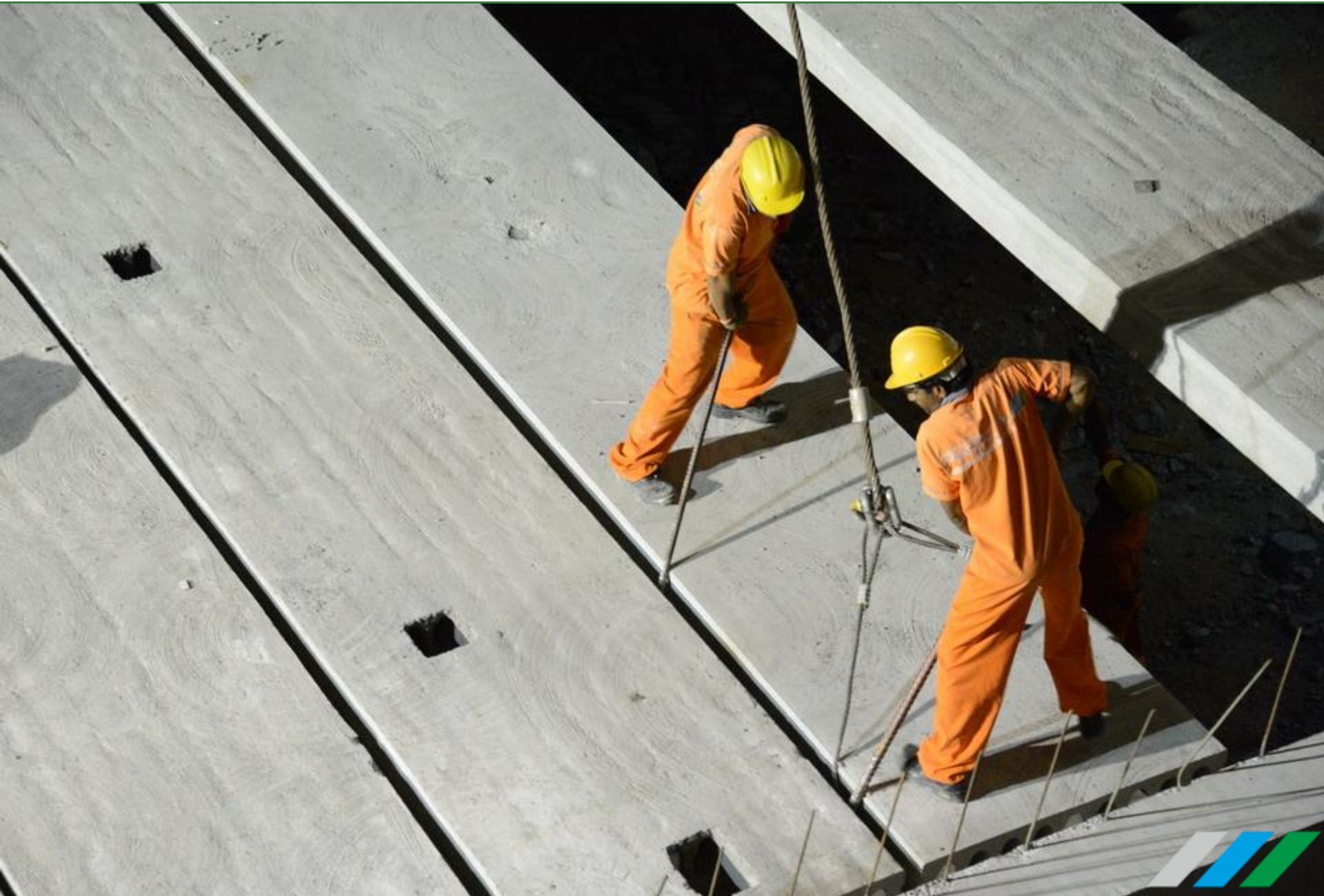
Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



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Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Visuals



Hospital Building: Delivered in 4 months



Multi Level Vehicle Parking Building: 1,10,000 Sft - Ongoing



Multi Level Vehicle Parking Building:



Project Description:

- ✓ Office Building, 3 basements + G+1, 1,10,000 Sft

Project Prime Challenge:

- ✓ Time line provided - [5 months](#)

Construction Methodology:

- ✓ Precast Prestressed Hollow core, Single & double T Slabs, Precast Columns, Prestressed Beams, Precast Retaining walls, Precast lift walls, Precast staircases and Precast Ramp.

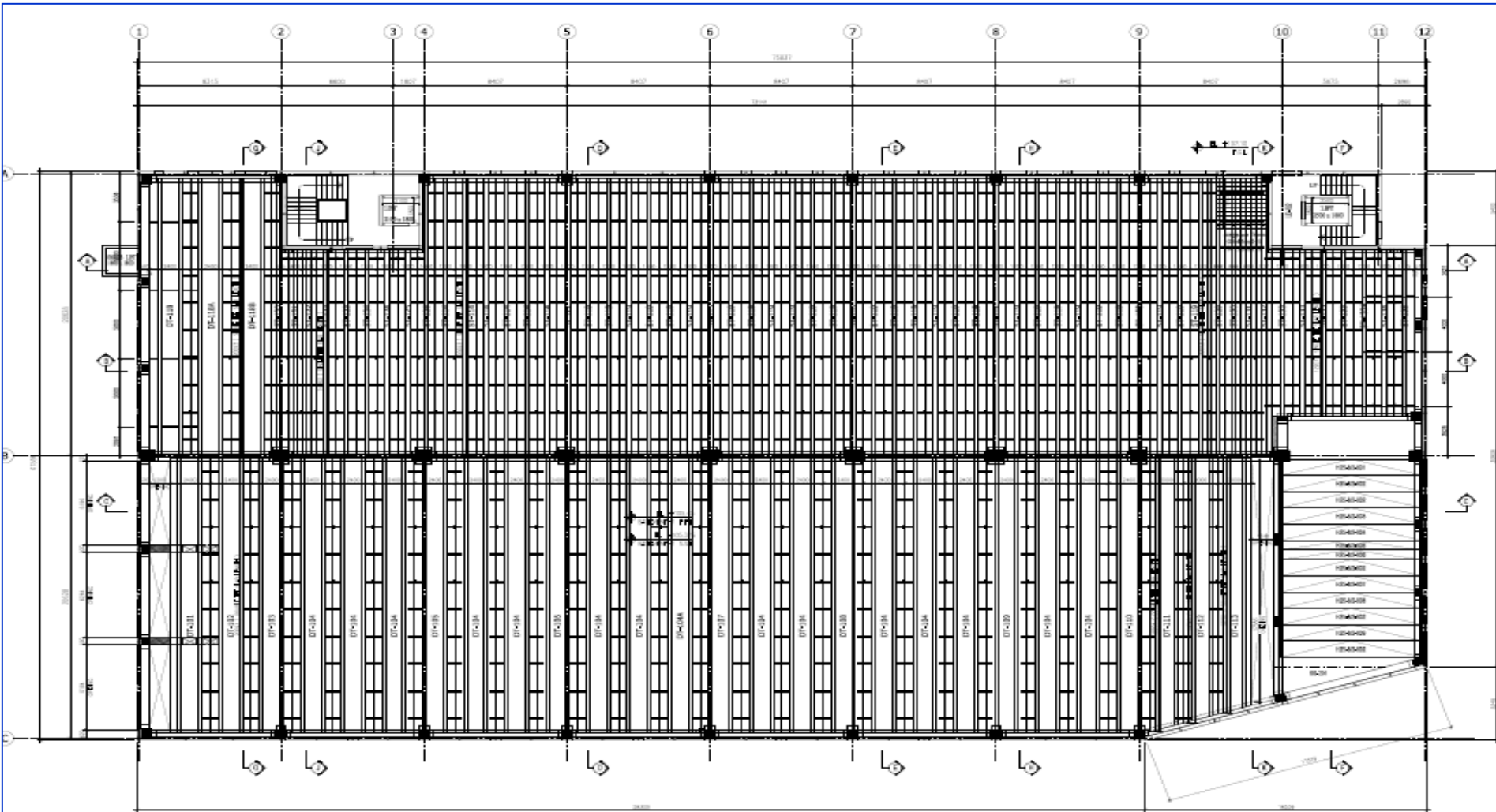
Our Scope:

- ✓ Turnkey delivery-Design, manufacture, delivery and erection of Precast Prestressed Hollow core, Single & double T Slabs, Precast Columns, Prestressed Beams, Precast Retaining walls, Precast lift walls, Precast staircases and Precast Ramp.

Result

- ✓ [Higher perking density \(More cars per sft\)](#)

Multi Level Vehicle Parking Building : Typical Floor Layout:



Details:

- ✓ Long Span Construction System Adopted: Tee Slab with Beam.
- ✓ Max floor Span with Tee slab = 21m
- ✓ Max Length of the Beam = 8.5m.



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Multi Level Vehicle Parking Building : Visuals



Logistics



Multi Level Vehicle Parking Building : Ongoing



Parking Building : Long Span Building



Parking Building: Long Span Building



Industrial Building -Cadburys Project: 2,20,000 Sft



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Visuals



Industrial Building: Cadburys Project: Delivered in 5 months



Industrial Wagon Loading Building : 1,15,000 Sft



Industrial Wagon Loading Building: Visuals



Industrial Wagon Loading Building: Visuals



Industrial Wagon Loading Building: Visuals



Industrial Wagon Loading Building: Visuals



Industrial Wagon Loading Building: Visuals



Industrial Wagon Loading Building: Visuals



Industrial Wagon Loading Building: Delivered in 4 months



Office Building: 1,00,000 Sft



Office Building: Visuals



Office Building: Visuals



Office Building: Visuals



Office Building: Visuals



Logistics : Office Building



Office Building: Delivered in 3.5 months



Commercial Showroom: 20,000 Sft



Commercial Showroom: Visuals



Commercial Showroom: Visuals



Commercial Showroom: Delivered in 45 days



Office Building: 40,000 Sft



Office Building: Visuals



Office Building: Visuals



Office Building: Visuals



Office Building: Delivered in 90 days



International School Building:



International School Building:



International School Building: Delivered in 40 days



Residential Building : 22,400 Sft



Residential Building : Visuals



Residential Building : Visuals



Residential Building : Visuals



Residential Building: Delivered in 28 days



Compound wall: Visual At Factory



Compound wall: Visual At Site



Compound wall: Visual At Site



Compound wall: Visual At Site



Project- for Crematorium - CSR Activity



Project- for Crematorium - CSR Activity



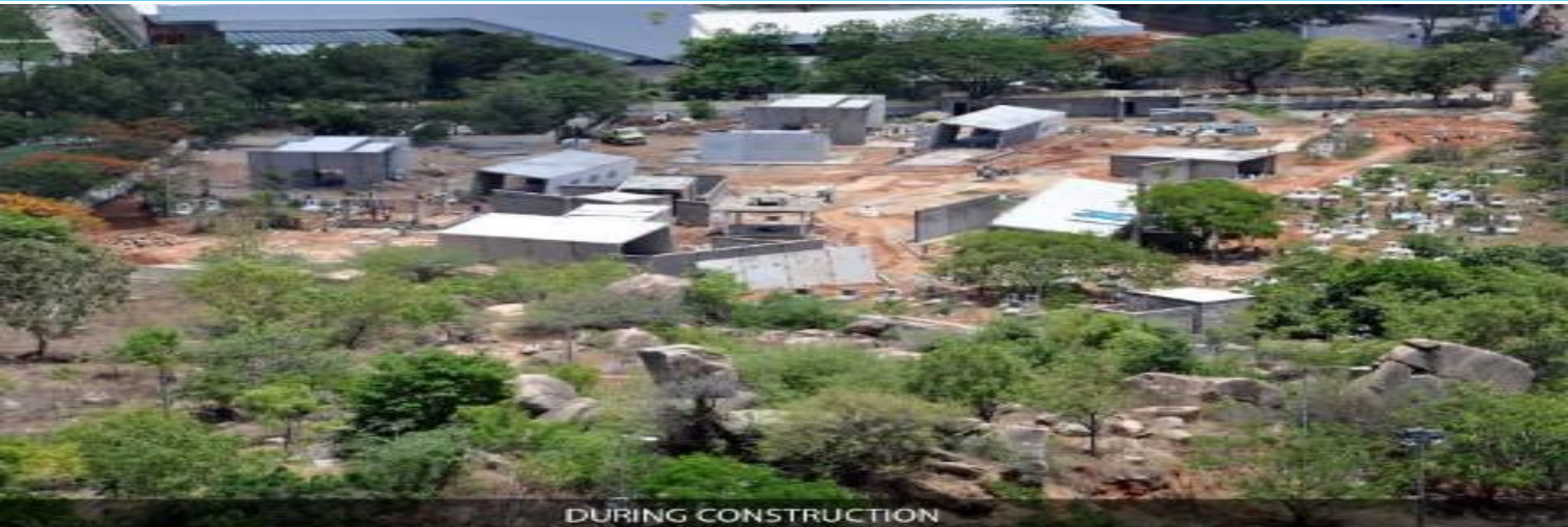
Project- for Crematorium - CSR Activity



The image shows a large, grey, rectangular stone monument standing on a dirt ground. The monument has three columns of text engraved on its surface. The text is in Kannada, English, and Hindi. The monument is surrounded by a low wall and some trees in the background. A person is visible in the distance near the monument.



Project- for Crematorium - CSR Activity



DURING CONSTRUCTION



POST CONSTRUCTION

Project- for Crematorium - CSR Activity



Project- for Crematorium - CSR Activity



Project- for Crematorium - CSR Activity



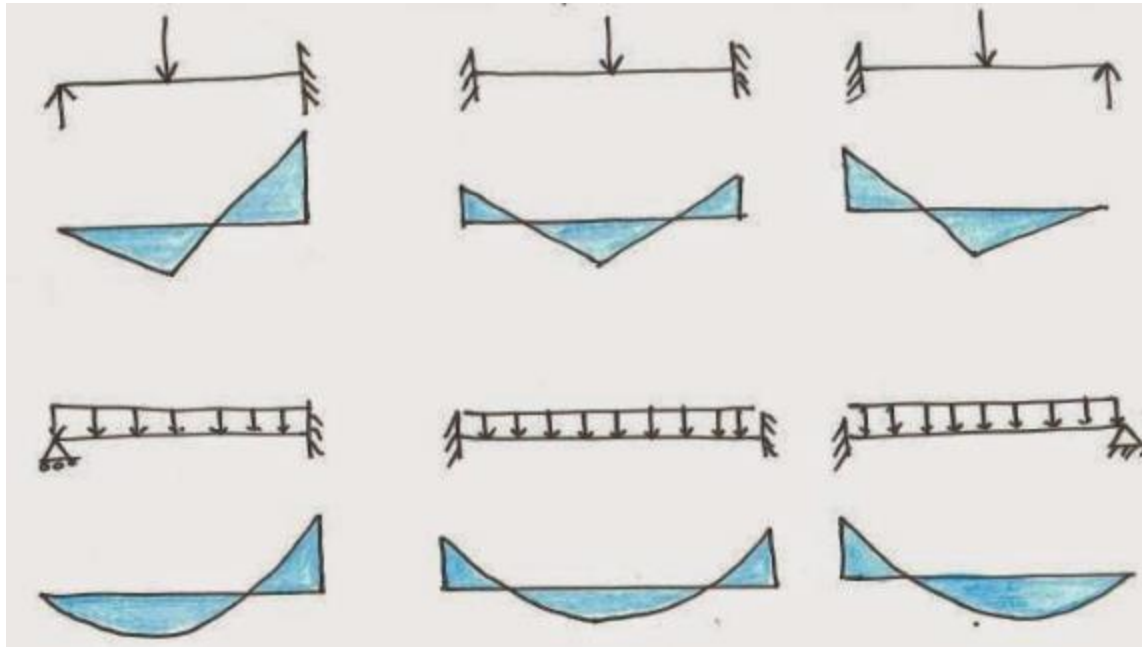


PRECAst Connections

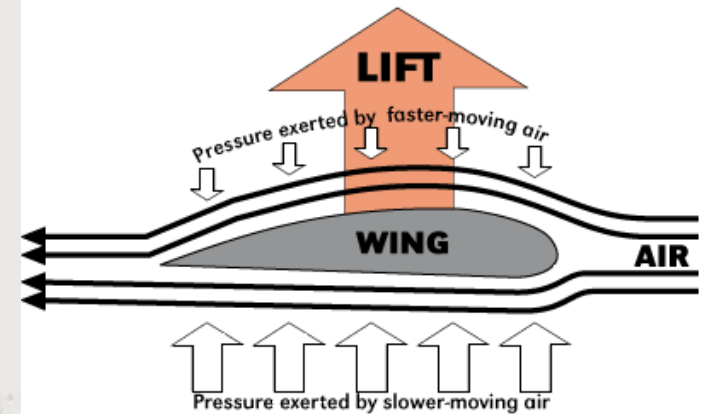
Connections – is it safe?



Same Technical Principle Apply



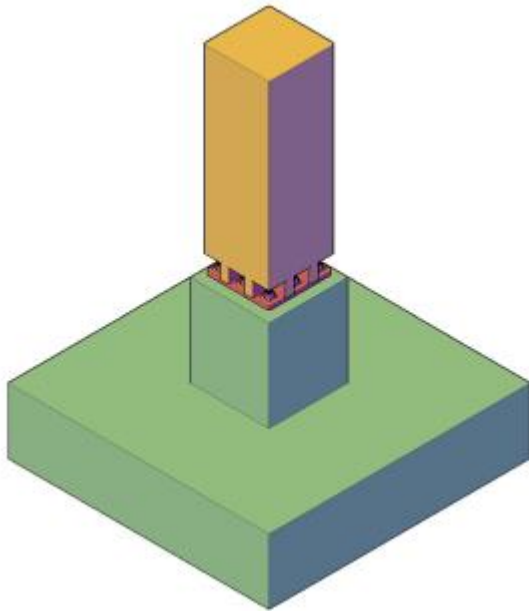
Shear Forces & Bending
Moment in Beams



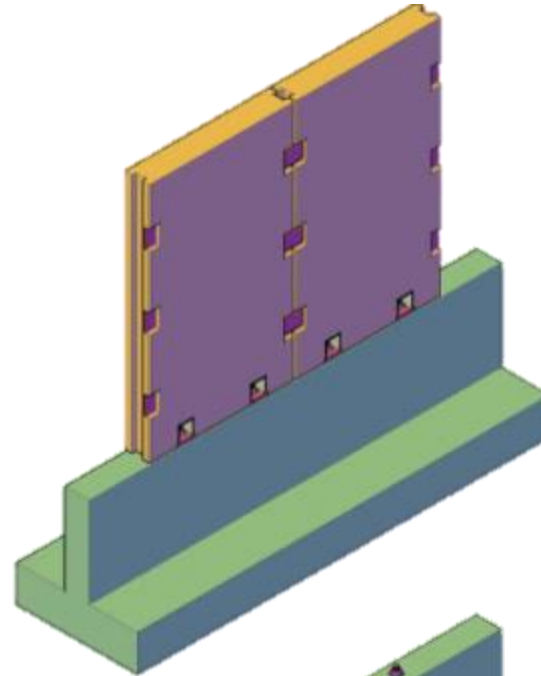
Bernoulli

Technical Detailing - Connection #1

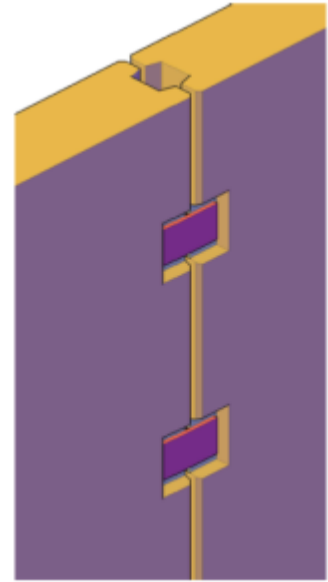
Precast Column
Connection to Foundation
with Bolt Cages



Precast Shear wall
Connection to Foundation
with Bolt Cages

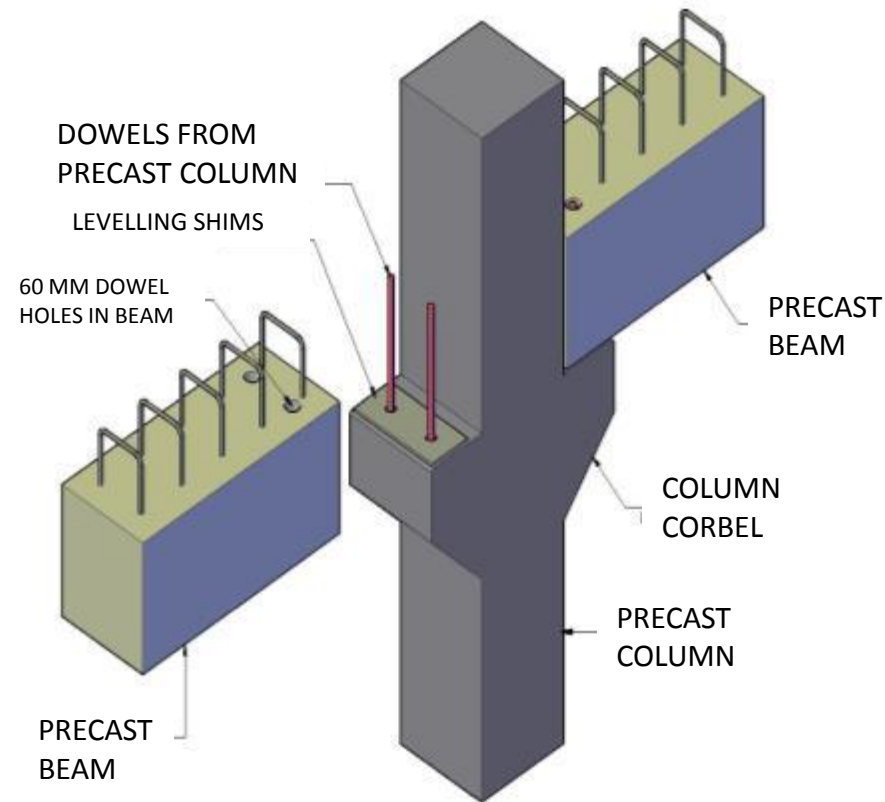


Precast wall to wall
Connection

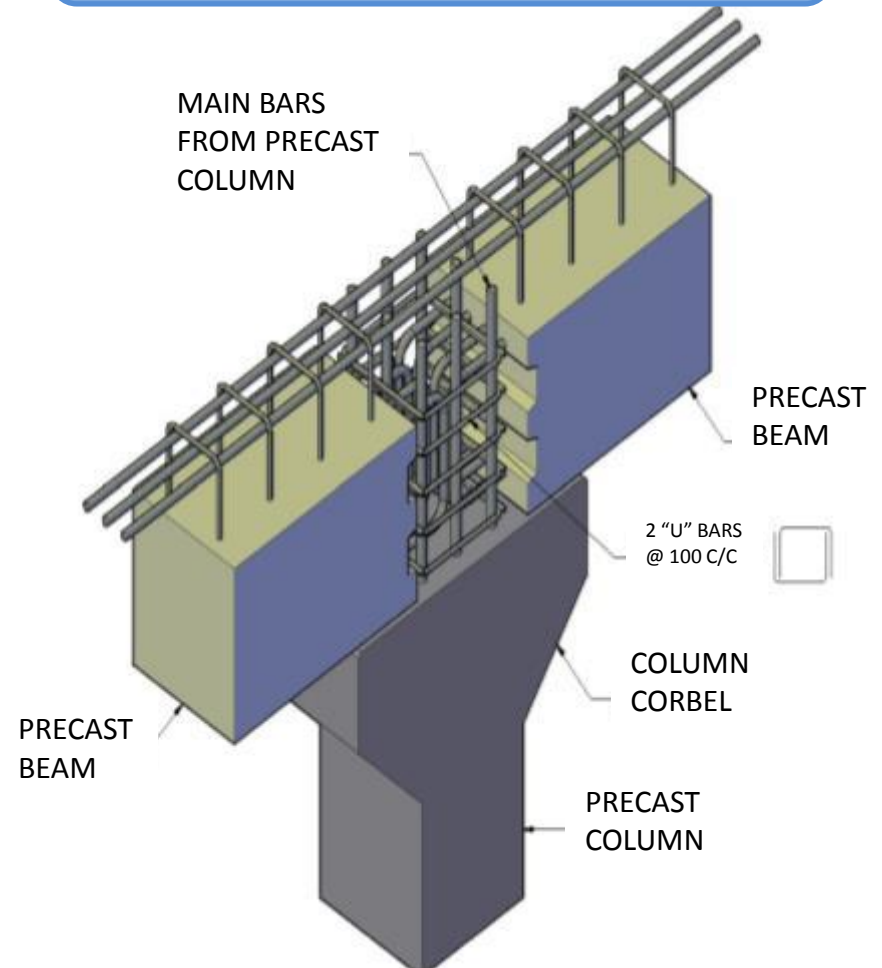


Technical Detailing - Connection #2

Double Storied Column with Corbels to Beam Connection

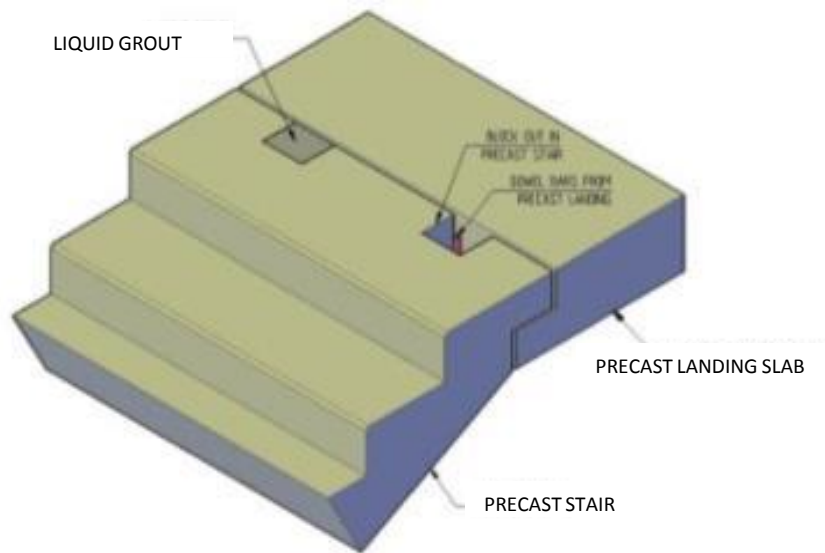


Single Storied Column to Beam Connection

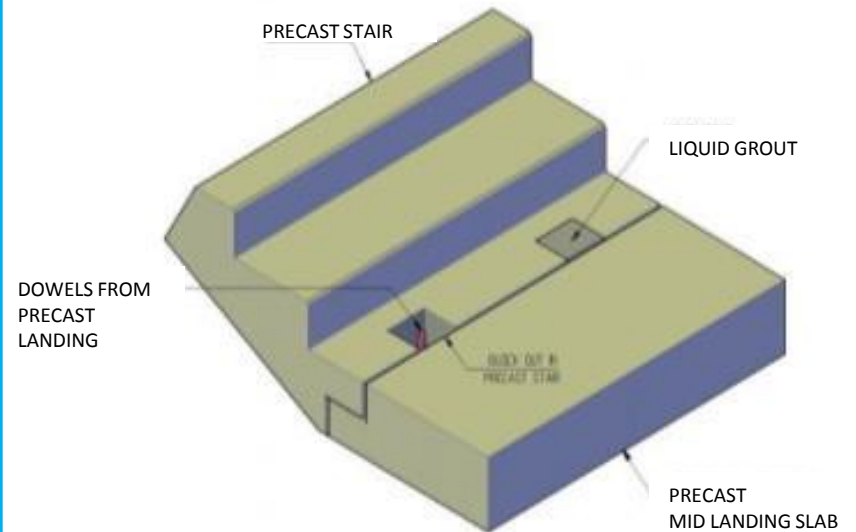


Technical Detailing - Connection #3

Staircase Flight to Mid Landing Connection

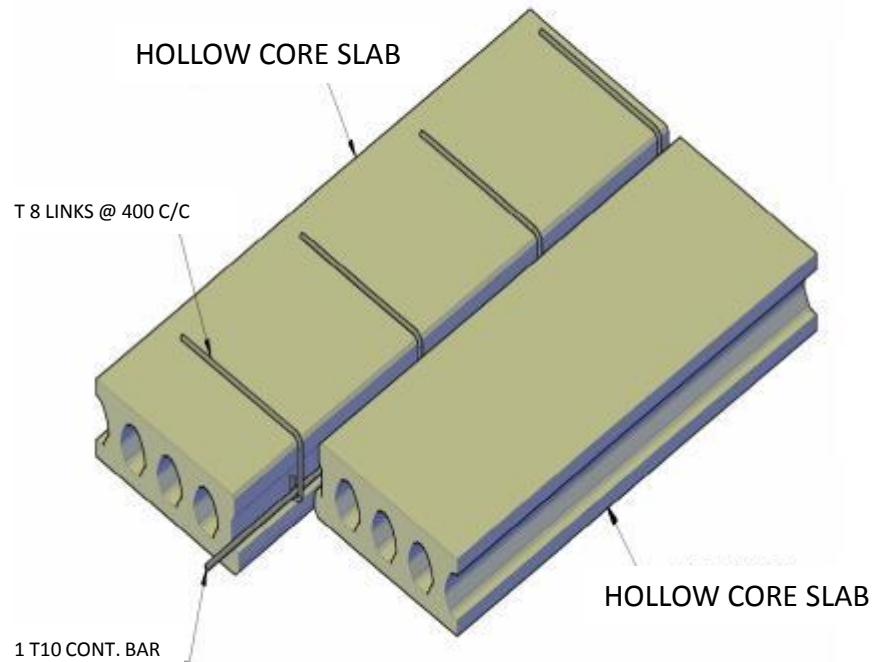


Mid Landing to Staircase Flight Connection



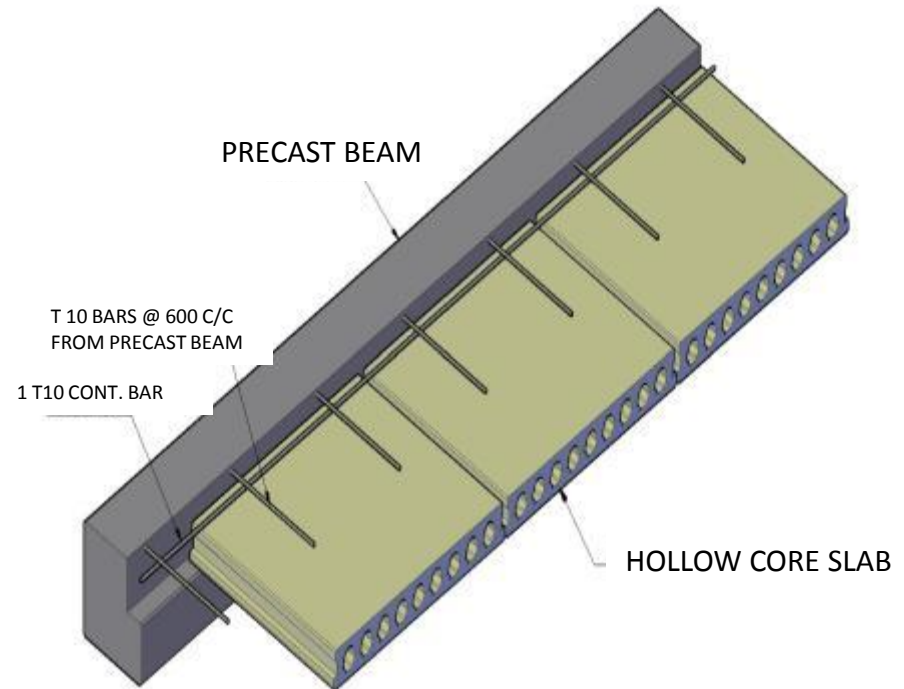
Technical Detailing - Connection #4

HCS to HCS Connection



DIAPHRAGM CONNECTION

'L' Beam to HCS Connection

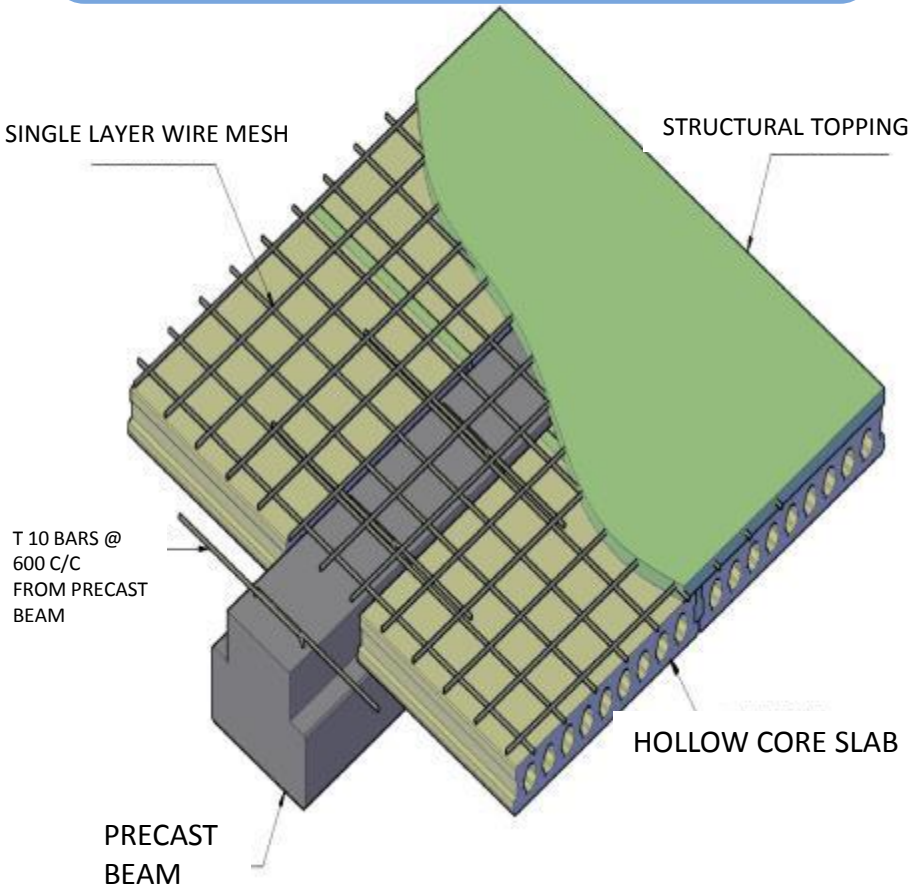


DIAPHRAGM CONNECTION



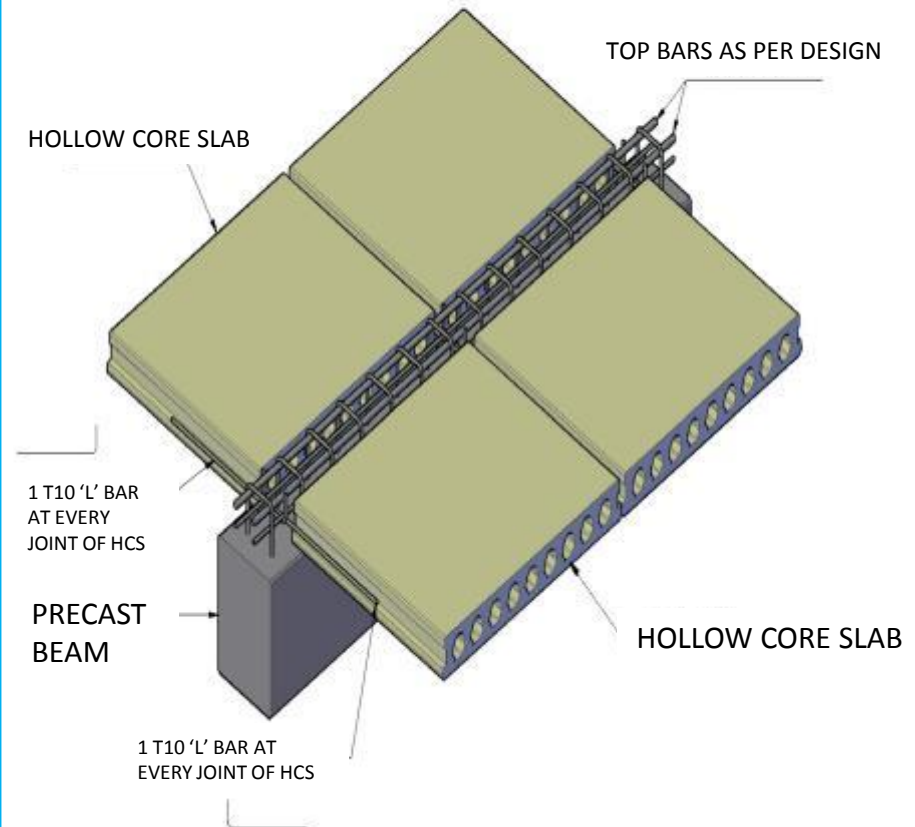
Technical Detailing - Connection #5

Inverted 'T' Beam to HCS + Structural Screed Connection



RIGID & DIAPHRAGM CONNECTION

Precast Beam to HCS Connection

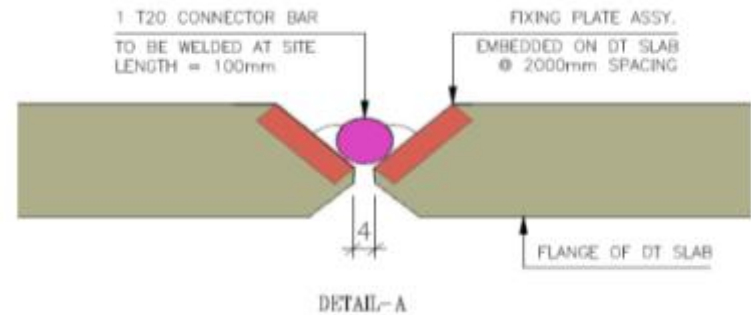
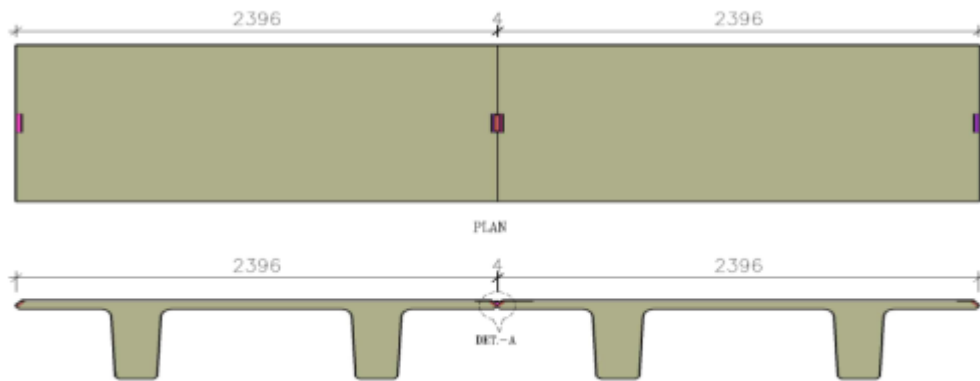


RIGID CONNECTION

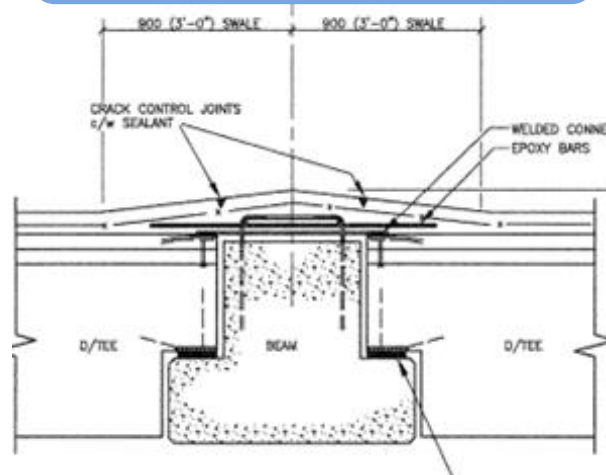


Technical Detailing - Connection #6

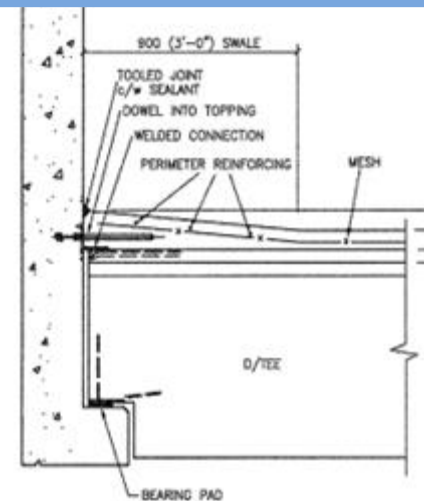
DOUBLE T – DOUBLE T Connection



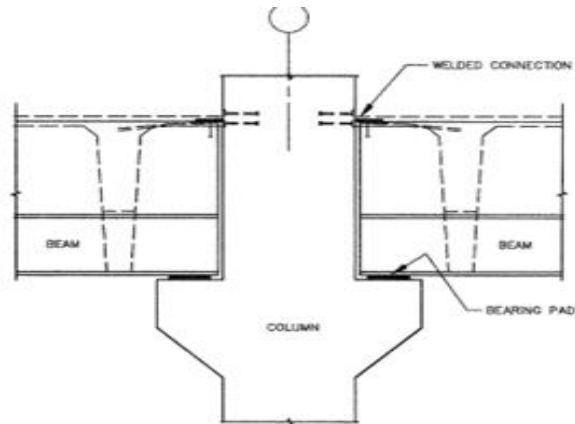
Inverted Beam to Tee slab Connection



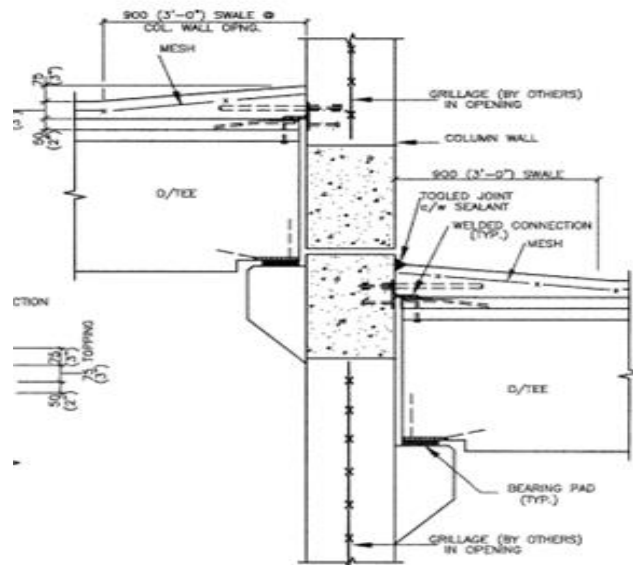
Spandrel to Tee Slab Connection



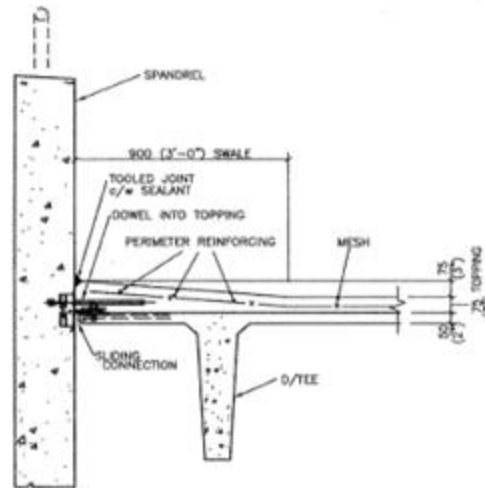
Technical Detailing - Connection #7



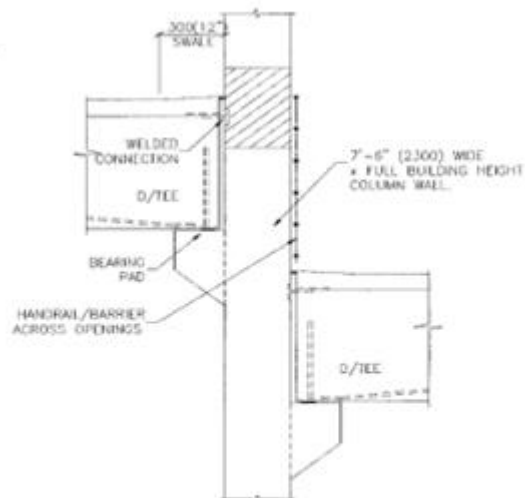
Inverted T/Beam to Column Connection



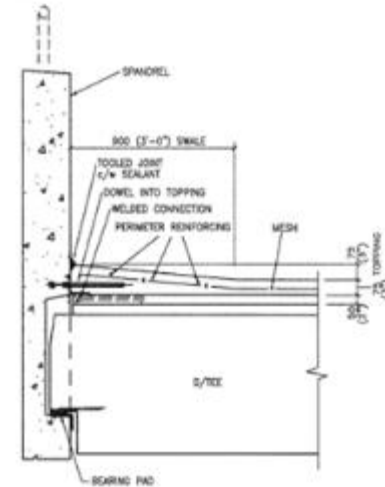
Column Wall to Double Tee Connection



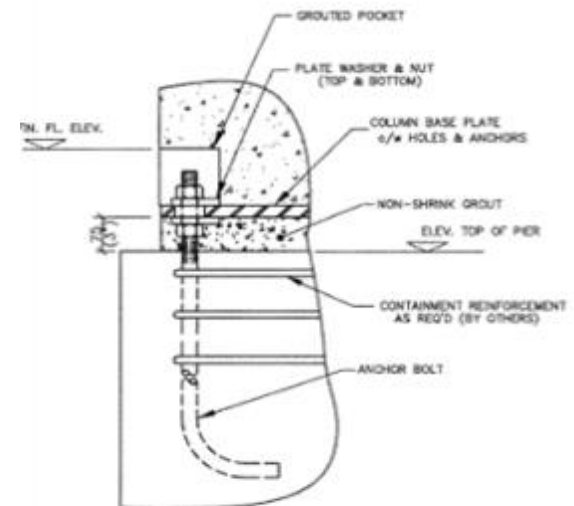
Non Load-Bearing Spandrel To Double Tee Connection



Column Wall to Pre-Topped Double Tee Connection



Load-Bearing Pocketed Spandrel To Double Tee Connection



Column Base Detail



About PRECA

What We Do ?

We Manufacture Buildings in our Factory...



We...

- ✓ Designs Buildings & Other Structures
- ✓ Manufactures Buildings in the Factory
- ✓ Erects Buildings & Other Structures
- ✓ Delivers Buildings & Other Structures

In sum, PRECA provides complete TURNKEY Engineering solutions



Our Turnkey Services

PRECA delivers turnkey services
from design to on-site installation



Evaluate:

Evaluate preliminary design for the most efficient solution to suit the needs



Engineering and Design:

Value engineering to arrive at effective structural designs and quantities



Manufacture:

under rigorous quality standards as per schedules



Delivery:

Undertake on-site delivery as per erection schedule



Erection:

Carry out complete erection of precast elements, including Grouting.



Who are we?PRECA, an International JV

PRECA, an International JV Promoted by:

- ✓ Satish Gottipati in JV with European & African Techno-Commercial partners.

PRECA's advantages:

- ✓ Israeli managerial and technical expertise
- ✓ State-of-the-art infrastructure, plant & machinery, and European Technology
- ✓ Operations headed by World's most Experienced & Qualified Precast Professional
- ✓ Team has long precast experience in Dubai, Malaysia, Israel, & other Gulf Regions.

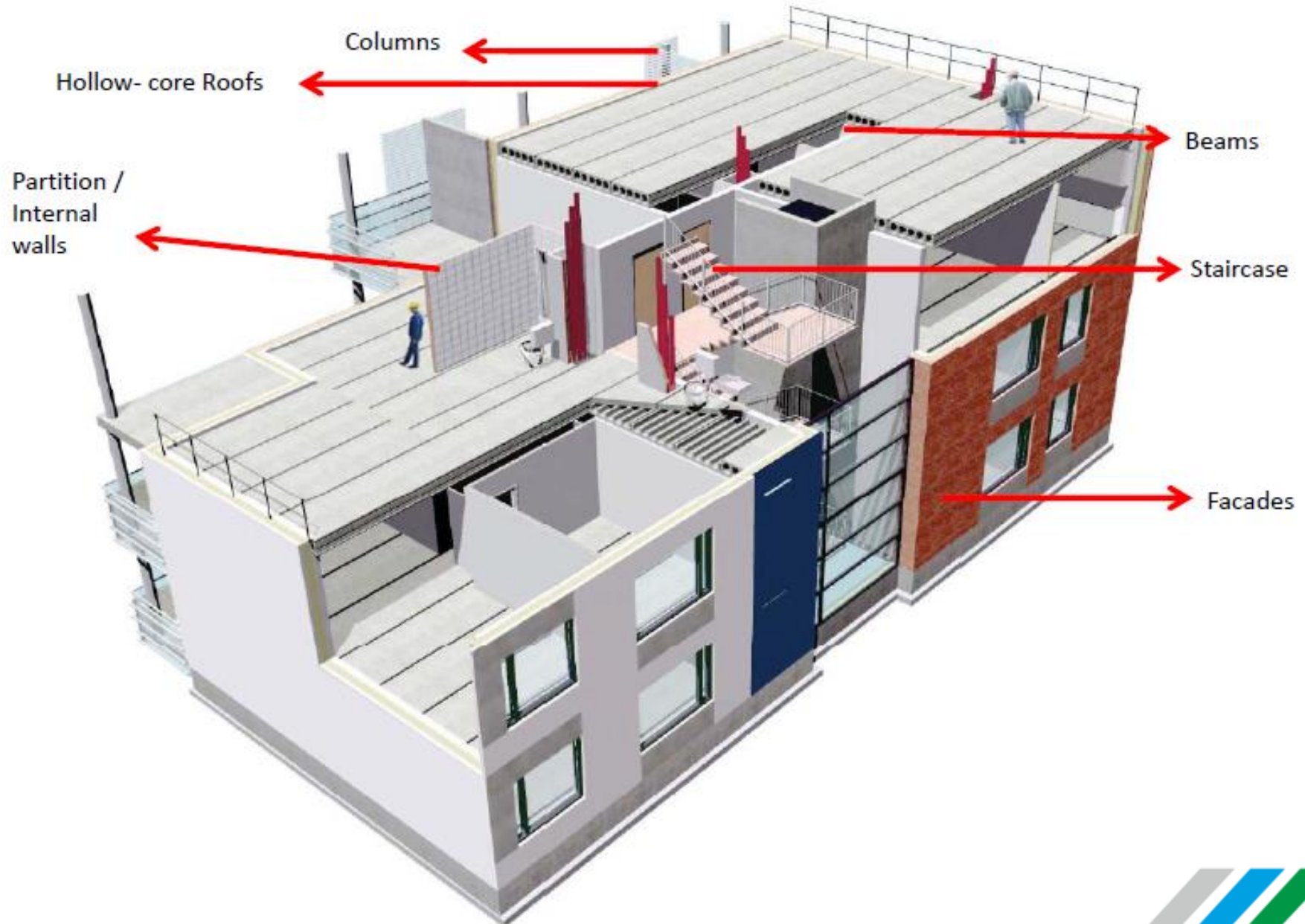
PRECA's vision

- ✓ To be a significant player in the South India market providing quality solutions by improving construction methodologies through commercially proven technologies.

Plans to set up multiple factories in South India and aims to be the first choice for quality turnkey solutions



Building with Prestressed Precast Technology





PRECA Factory

Hyderabad Plant at Shankarpally



- ✓ 10,000 SFT full structure production per day.
- ✓ 60,000 SFT Built-Up Factory in 14-acres
- ✓ Located at Shankarpally, near Hyderabad

- ✓ Production Technology from Europe.
- ✓ In-House Fabrication, Lab & Mechanized Bar Bending equipment
- ✓ 100 % Power Backup





PRECA Team

Promoters:



Mr. Satish Gottipati

- Has more than 16 years of business experience in the field of manufacturing, infrastructure, real estate and Investment sectors.
- Served many organizations, including listed and foreign companies
- Qualified Chartered Accountant and Cost Accountant.
- Board member, Israeli-Indian JV, & Financial Advisory Companies
- Vice President, FISME-India, and Head FISME – Andhra Pradesh.



Dr. Tunji Olowolafe:

- Chairman of various Nigerian Companies involved in Manufacturing, Infrastructure, Metro Rail, and Medical Facilities, Real Estate etc.
- Owns Nigerian largest Infrastructure Companies and has investments in many companies with financial & technical partners around the World including Tata from India.
- Qualified MBBS Doctor and has long experience in Medical Infrastructure



Mr. Uri Kertes

- An Hungarian-Israeli, Civil Engineer by Qualification & Profession
- Has 33 years experience in managing, supervising & executing various civil engineering projects, including residential, commercial, industrial, roads, & infrastructure projects in Israel, Hungary, Cameroon and Nigeria.



Our Technical Team



Mr. Nadav Shachaf – Technology Head

- Nadav, from Israel, is a qualified engineer. Associated with Prestressed Element Manufacturing Industry since 1976.
- Held several positions in leading companies such as Spancrete Palmachim Ltd, Spancrit Cellenbeton and Spancrete Ltd - Israel.
- Was MD at Spancrete Cellenbeton for 2 years and Spancrete Ltd for 4 years. Assisted Shay-Gil Project Building & Marketing Ltd, leading Israel company, to set up new prestressed concrete element manufacturing facility.
- At PRECA, is responsible for technical operations as he is joined by a team of experts.



Mr. Shridhar C.N -Head (Design & Marketing)

- Qualified Civil engineer with Masters Degree in Prestressed Concrete Structures.
- Over 14 years experience in design & detailing of largescale precast structures. Has long experience in designing major projects in Dubai & Saudi Arabia. Served several levels of design process for large scale organizations at Gulf. Expert in international design codes.
- Has long experience in the design aspects of setting up and expansions of precast factories. Leads and guides the team towards the success of company. He updates new developments in precast technology and adopts and implements the same in practice.



Other Team Members



Mr. G. Siva Rama Krishna – Financial Controller & Head - Finance

- Qualified Chartered Accountant and Cost Accountant
- More than 15 years of experience in the field of audit, accounts & finance.
- Associated with member firms of all the 'Big 4' accounting firms and worked with a power generation group.

Other Team Members:

- Includes qualified & experienced members in Departments including foreign technicians, and foreign returned Indian experts delivering higher performance and consistent contribution.
- Team has international experience in Gulf, Africa, Israel etc., in precast engineering and construction. Team members are associated with prestigious precast constructions such as office buildings, residential villas, residential complexes, commercial towers, and other structures.
- The design team has hands-on experience of providing engineering solutions involving precast construction and cast-in-situ construction.



Our Strength - Our Team

Team strength:

Discipline	Nos.
Engineers incl. Masters	25
Diploma	23
CA	2
Legal	1
P.G & Graduate (Non- Technical)	5
Skilled	83
Semi Skilled	20
Un Skilled	85
Total	244

In-house Teams:

- Engg. & Design Dept.
- Project Planning Dept.
- Production Dept.
- QC Dept.
- Erection Dept.
- Health Safety & Environment Dept.
- Maintenance Dept.
- Logistics Department.

Supported by Management Teams, Administration Teams, HRD Team, Procurement Team, Finance Team etc.

Team Composition:

- Resident Foreign Technology Expert
- Foreign Returned Experienced Engineers
- Engineers with Masters Engineering (structural / Precast) Qualifications
- Decade + experienced Engineering Experts
- Multi-Skilled and Multi-Qualified Professionals





*Our Select Prestressed
& Precast Products*

[Produced & used in Our Delivered Projects]

Our Prestressed & Precast Products - 1



Columns



Beams



Retaining Walls



Hollow Core Slabs



T Slabs



Stair Cases

Pictures of above products are from our executed projects



Our Prestressed & Precast Products - 2



Boundary walls



Service Ducts



Architectural
Elements



Wall Panels



Architectural Fins



Gate Arches

Pictures of above products are from our executed projects





*Certifications & Appreciations
To*

PRECA

Certifications:

ISO 9001:2008 Certification
for Design, Manufacture and
Supply of Precast Prestressed
Concrete Products and
Turnkey Execution

First Independent Prestressed
Precast Company in India to
get ISO 9001:2008 Certificate

TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



South Asia

CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited

certifies that

PRECA

Precast Solutions India Private Limited

HO: Plot No.6, D No.2-9/5/6, Venkat Sai Gateway,
Greenland Colony, Gachibowli,
Hyderabad - 500 032, INDIA

Works: Survey No.167 & 169, Fatehpur Village,
Shankarapalli Mandal, Ranga Reddy District - 501 203,
Hyderabad, INDIA

has established
and applies a Quality Management System for

Design, Manufacture and Supply of Precast & Prestressed Concrete Products of all ranges,
and
Turnkey execution, Project Contracting & Construction of Various Structures

An audit was performed, Report No. 20059565

Proof has been furnished that the requirements according to
ISO 9001 : 2008

are fulfilled. The certificate is Valid until 2015-09-14

Subject to successful completion of the Annual Audit before 2013-08-25

The present status of this Certificate can be obtained on www.tuv-sud.in

Further clarifications regarding the scope of this certificate and the applicability of
ISO 9001:2008 requirements may be obtained by consulting the certification body

Certificate Registration No. 99 100 13833

Mumbai

Effective Date: 2012-09-15

Certification Body
of TÜV SÜD South Asia Private Limited
Member of TÜV SÜD Group



Certifications:



Best in Class - Green Manufacturing Award in National Quality Excellence Awards 2013 by World CSR & Stars of Industry, USA



Certifications:



Phoenix Infocity Pvt. Ltd.

QUALITY AND MSE RECOGNITION

The Certifications awarded to

M/s PRECA Solutions India Pvt. Ltd.

for executing precast prestressed concrete construction for Tower H 57 of Advance Business Hub (T) - T3 N 2 Project in Hyderabad during 2012-2013 meeting highest quality, health, safety and environmental standards.

At Hyderabad, 21st August 2013
 At Hyderabad, 21st August 2013
 At Hyderabad, 21st August 2013

At Hyderabad, 21st August 2013





Our Select Work Pictures

PRECA Factory:



PRECA Factory:



PRECA Factory:



PRECA Factory:



PRECA Factory:



PRECA Factory:



PRECAst Capability

- ✓ Commercial Building Structures
- ✓ Residential
- ✓ Institutional
- ✓ Industrial
- ✓ Stadia's
- ✓ Hospitals
- ✓ Parking

In sum, PRECA delivers any building structure





The Art of PRECAsting..

Thank You.

www.preca.in