



# CORPORATE PRESENTATION



# Introduction

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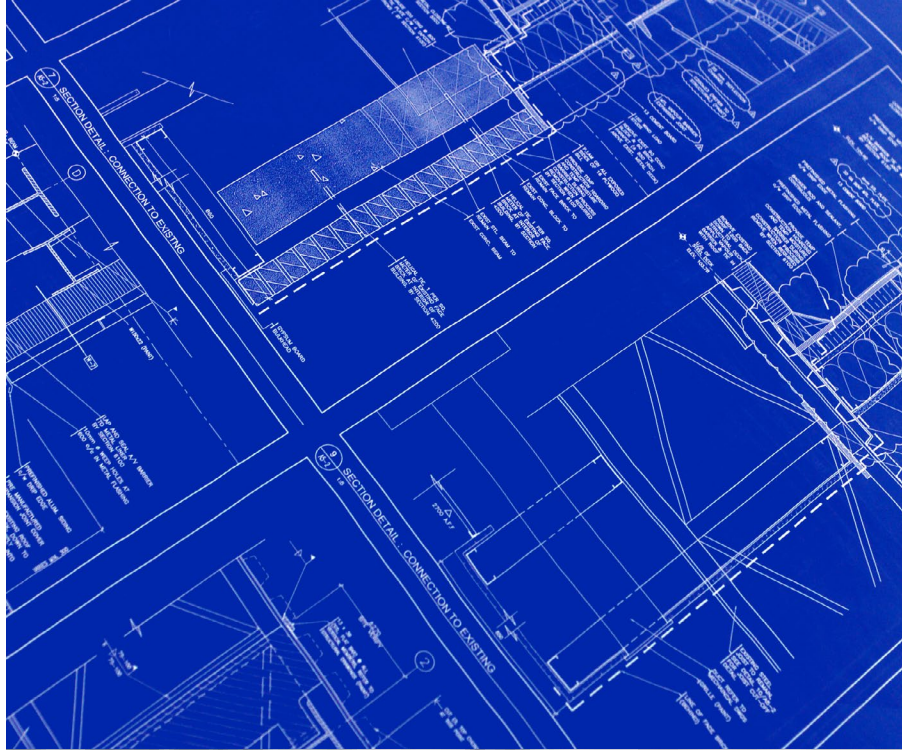
A sister concern of **Shree Naman Group**

Primarily a building solutions company

Based out of BKC, Mumbai

Mandated to provide Design-Build-Install facilities for Precast Concrete to the market

We are an **ISO 9001, ISO 14001 and ISO 45001** certified Company



# What We Do

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- **Design** the structure using state of the art technology
- Prepare structural design drawings for the Client's approval
- Design the shop drawings
- **Produce** the elements based on the drawings
- **Install** the elements on the site as per the installation methodology

# Products

- **Hollow Core Slabs\*** – Prestressed Concrete Hollow Core Slabs (to be installed)
- **Structural Precast** – RCC Walls and Slabs.
- **BoundarySol** – Precast, Prestressed, Extruded, Concrete wall panels and H columns. This solution is used for fencing.
- **WallSol** – EPS Sandwich Wall Panels. These are used as partition walls. They come in 2 thicknesses of 75mm and 150mm. The weight of the panel is a mere 50 kgs / m<sup>2</sup>
- **Staircase** - Precast staircases are cast at the factory and transported to site and installed.
- **RCC Beams & Columns** - Precast RCC Beams and Columns are designed as per the structural requirements.





# Products

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- **U Drains** – Precast RCC Drains and Trenches
- **Box Culvert**– Precast RCC Box Culverts for Storm Water Drains.
- **Jersey Barriers** – Precast RCC Road Barriers
- **Custom Precast Products** – Custom Precast Concrete Products for specific requirements
- **Precast Prestressed Roads\*** – Concrete Roads made using high strength Concrete and Prestressed Strands





# Solid Walls

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- Tilting table of 12m x 4m used to produce solid RCC walls and slabs
- Can include cut outs and MEP embedment at the time of casting
- Molded finish
- Ready to paint with no plastering needed
- Slabs can be customized as per design



# Solid Slabs

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- Tilting table of 12m x 4m used to produce solid RCC Slabs
- Thicknesses can vary from 50mm to 300mm
- Molded finish
- Ready to Install with no Finishing Required
- Line and Level is properly maintained with extremely low tolerances
- Straight Line Casting can be done for Prestressed or RCC Slab Production



# Casting Yard

- 20 Acres of Land for Casting and Stacking
- Primary Casting Shed of 80 meters x 16 meters
- Captive Batching Plant for our RMC production
- Loader, Hydra Crane, EOT Crane and other Captive Machinery at site
- Secondary Shed of 24 meters x 20 meters for WallSol Panel Casting
- On Site Lab for Raw Material and Concrete testing
- Dedicated Stacking and Curing Yard





# Beams And Columns

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- RCC beams and columns can be precast
- Special mold allows for columns to have corbels as per design



# Staircase

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- Most cumbersome part of construction
- Staircase is precast and installed at site





# Wallsol – Sandwich Wall Panels

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- Wallsol is specially developed to be extremely lightweight
- Plaster is not required because of the smooth finish given by the cement sheets
- They can be quickly installed at site with minimal labor
- They weigh a mere 50 kgs/m<sup>2</sup>
- They come in standard sizes of 3000mm x 600mm x 75mm/150mm.



# Installation

- Precast elements are brought to the site
- Pre installation inspection is carried out to check for abnormalities
- The material is picked up by the crane
- The element is brought positioned over the installation area
- The element is slowly lowered into place and fit into place
- Non Shrink, non metallic, high strength grout is poured to seal the joints
- The joints are finished and checked

# Advantages

## PRECAST CONCRETE

### Superior Quality

The manufacturing is done in a controlled environment to maximize quality

### Time

Time saved in the construction is greater than 60%

### Efficiency

Elimination of activities like plaster because of a superior finish

### Scalability

The manufacturing process can be scaled up or down depending on requirement

### Labor

Less labor intensive because of greater mechanisation

## CAST IN SITU (CONVENTIONAL)

### Inferior Quality

On site casting and reinforcement work leads to shoddy quality

### Time

– On site disorganization leads to time loss

### Inefficient

Site and design inefficiencies

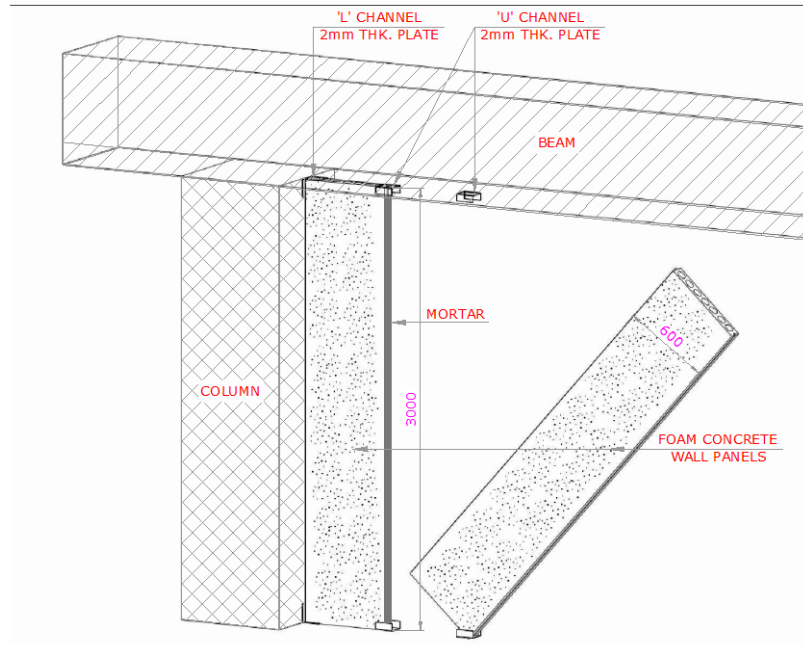
### Scalability

This is an issue since man and machine have to be mobilized at site

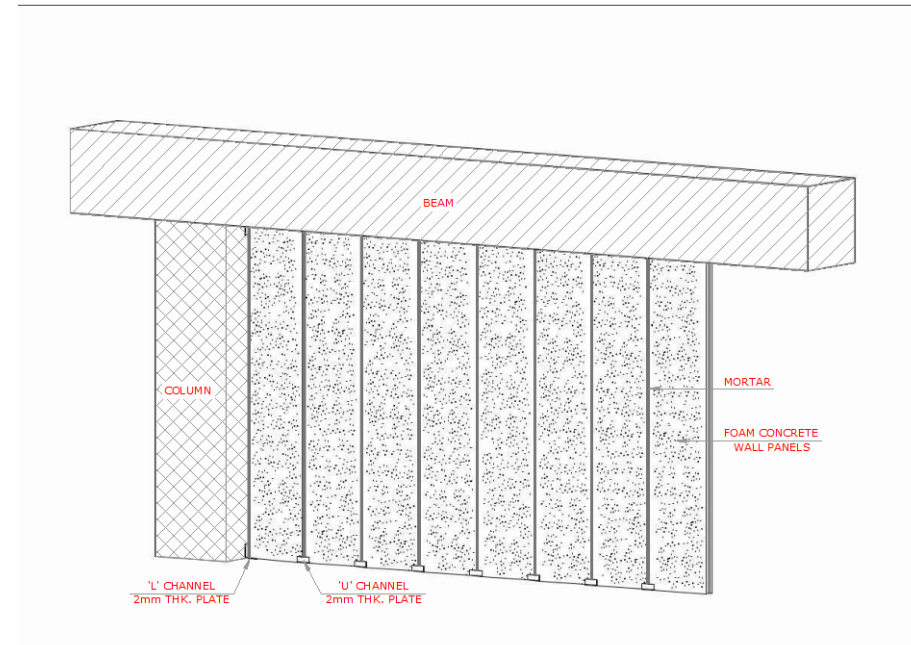
### Labor

Highly labor intensive

# Wallsol - Installation Guide



ILLUMINATI BUILDING SOLUTIONS PVT LTD



ILLUMINATI BUILDING SOLUTIONS PVT LTD

# Clients

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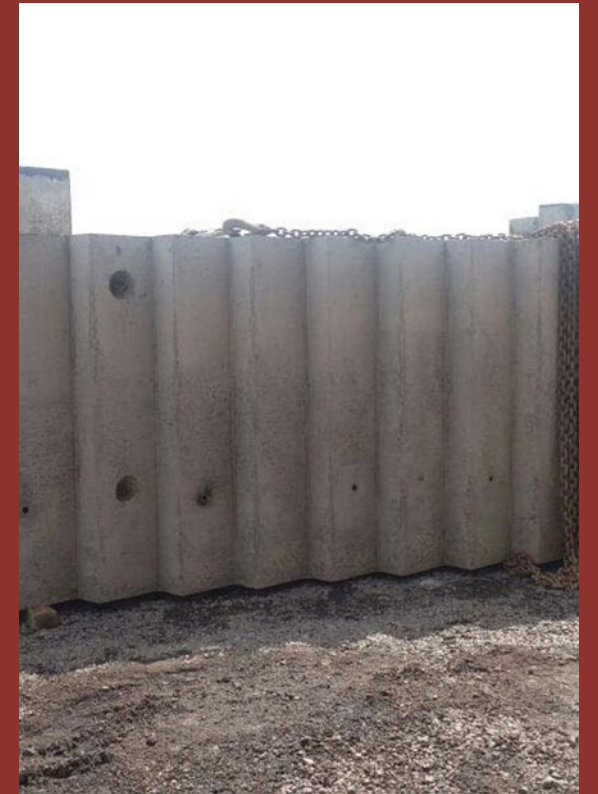




# Gallery – Staircase

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*Design, Manufacture, Supply and Installation of Precast RCC Staircases in an existing 40 meter high steel structure shaft*





# Gallery – Gate Portal

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*Manufacture, Supply and Installation of Precast RCC Columns, Walls, Insulated Walls, Prestressed Beams and Hollowcore Slabs for a Gate Portal*





# Gallery – Club House

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*Manufacturing, Supply and Installation of RCC Beams, Columns, Staircases, Footings, Plinth Beams, Slabs for a Club House*





# Gallery – RCC Compound Wall

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*Manufacture, Supply & Installation of Precast RCC Compound wall panels (3000mm in height and 3850mm in width) and H Columns with the logo and design stamped into the concrete*



# Gallery - Villa

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*Manufacture, Supply & Install Precast RCC Wall Panels, Slabs and Beams for a G+1 villa with a pool on the first level*





# Gallery – BoundarySol in Bhivandi

*Manufacture and Supply and Install Precast, Prestressed H Columns and Panels for the boundary wall for Reliance Industries Limited in Bhivandi, Maharashtra*





# Site Photos

*Photos from some of our sites*





# Site Photos

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*Photos from some of our sites*





# Site Photos

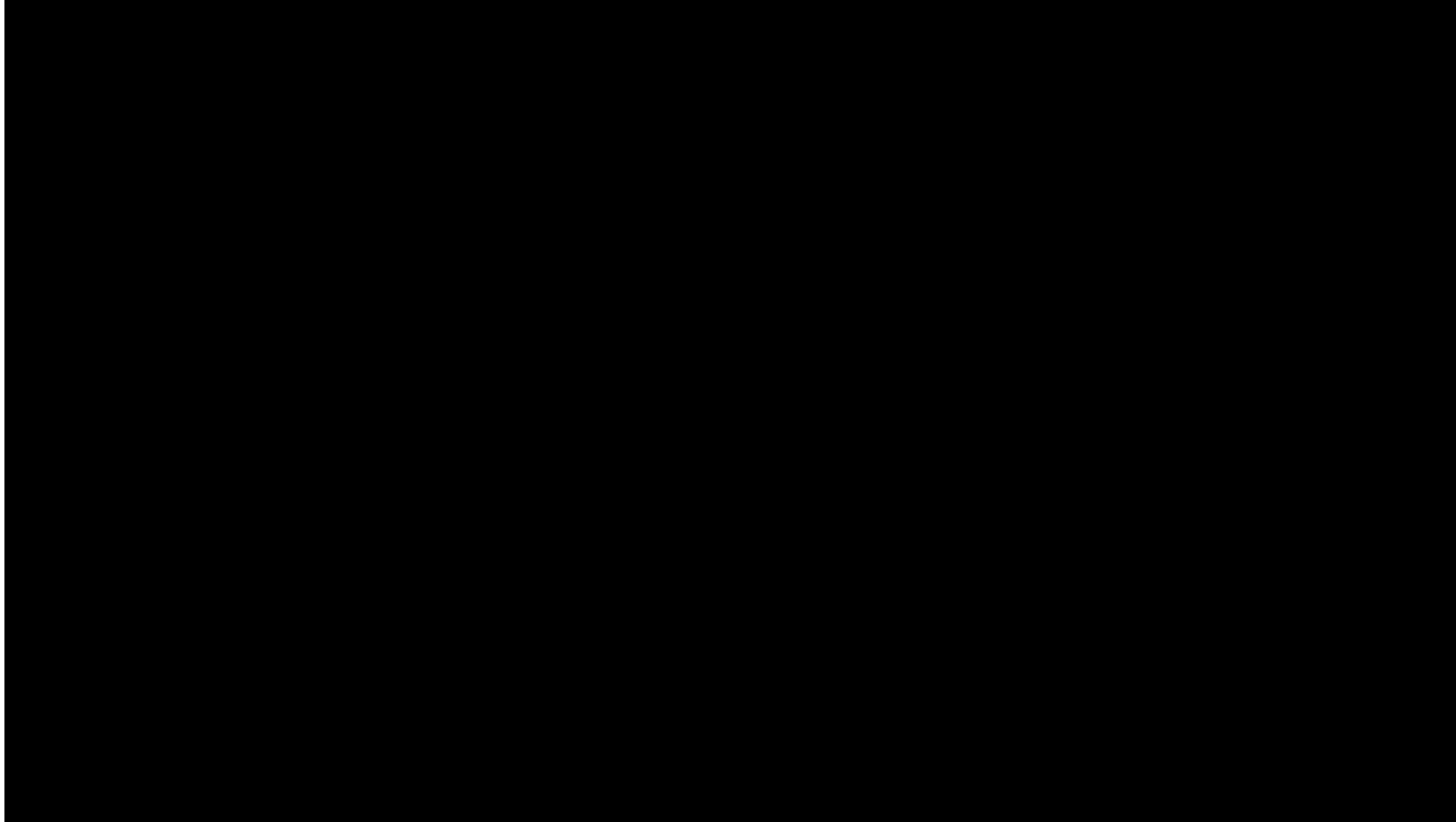
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*Photos from some of our sites*



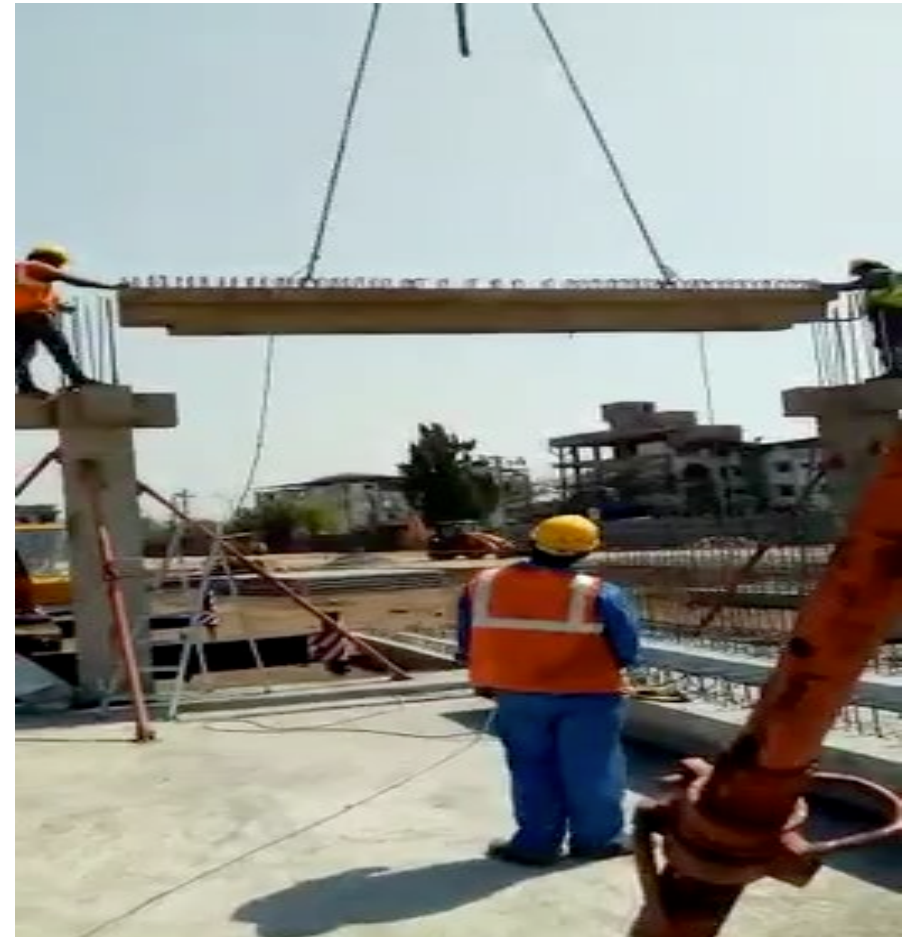
# Site Videos

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# Site Videos

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# Thank You



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