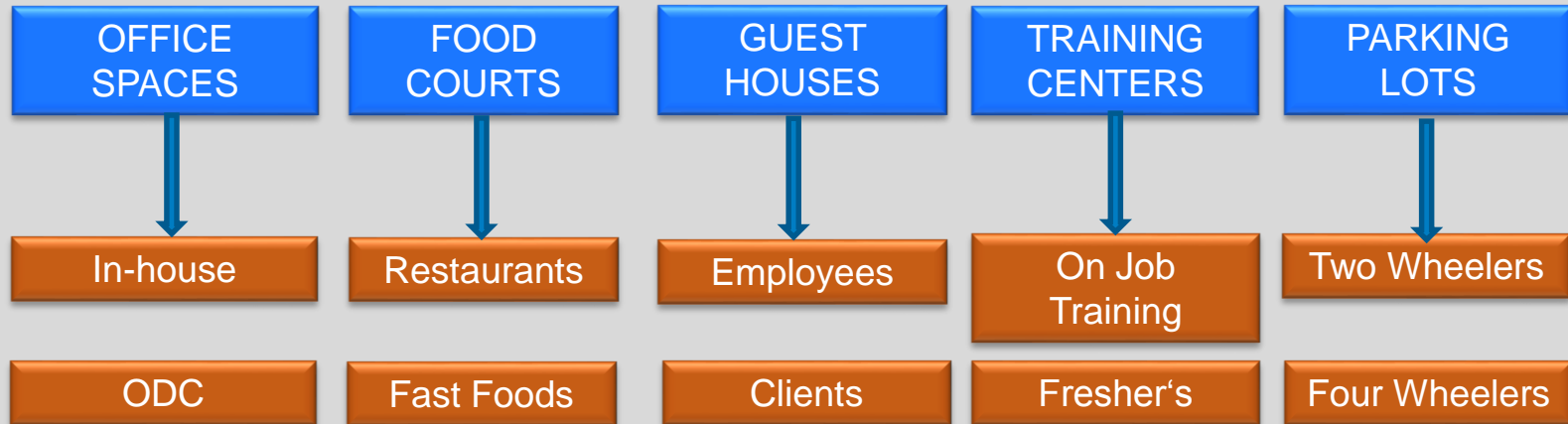


Infosys®



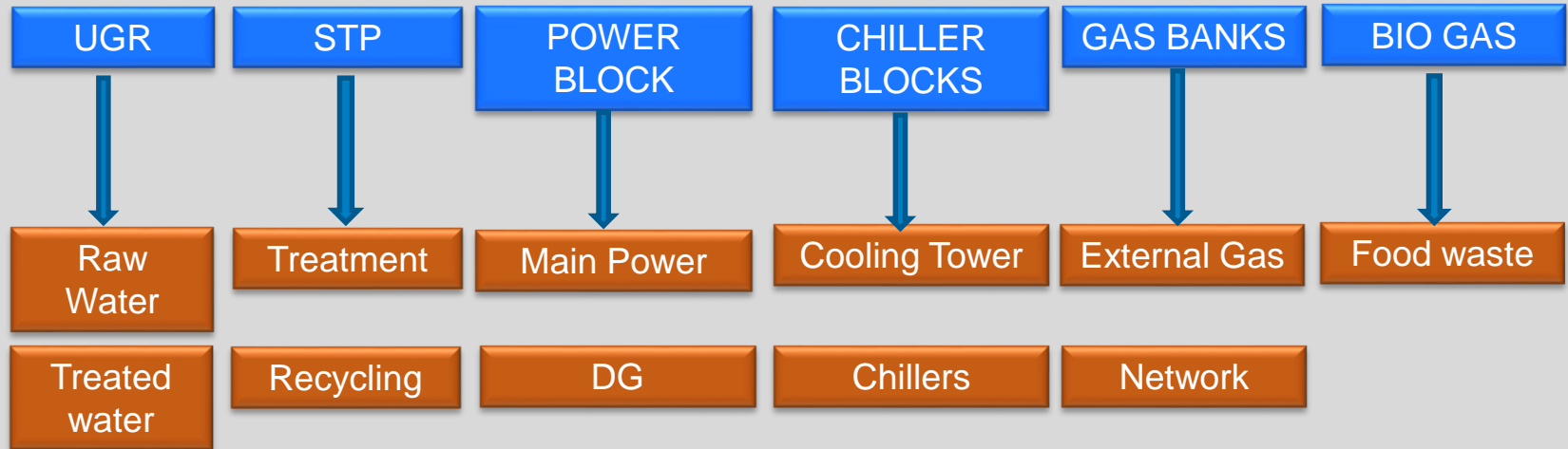
CONSTRUCTION IN INFOSYS

MAIN BUILDINGS



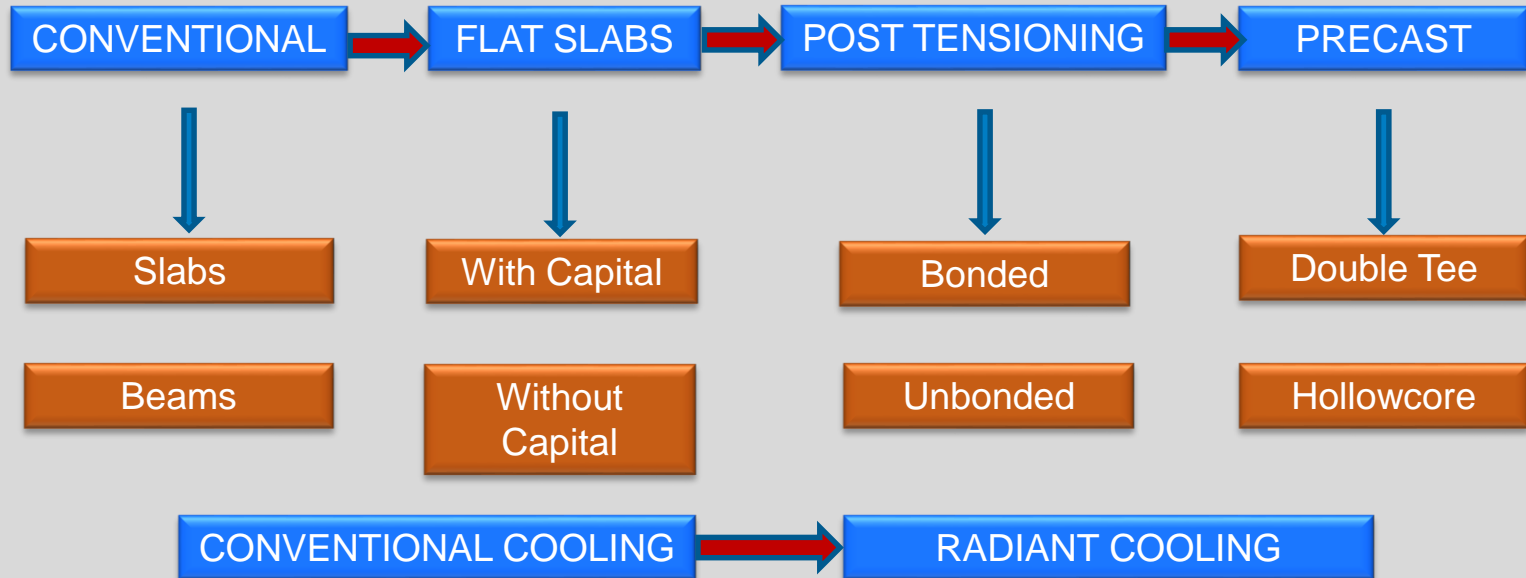
CONSTRUCTION IN INFOSYS

SERVICE BUILDINGS



CONSTRUCTION IN INFOSYS

TYPES OF CONSTRUCTIONS



Radiant Cooling – Hyderabad Building



WHAT MADE INFOSYS TO ADOPT PRECAST

MOST OF OUR CAMPUSES ARE WORKING CAMPUSES

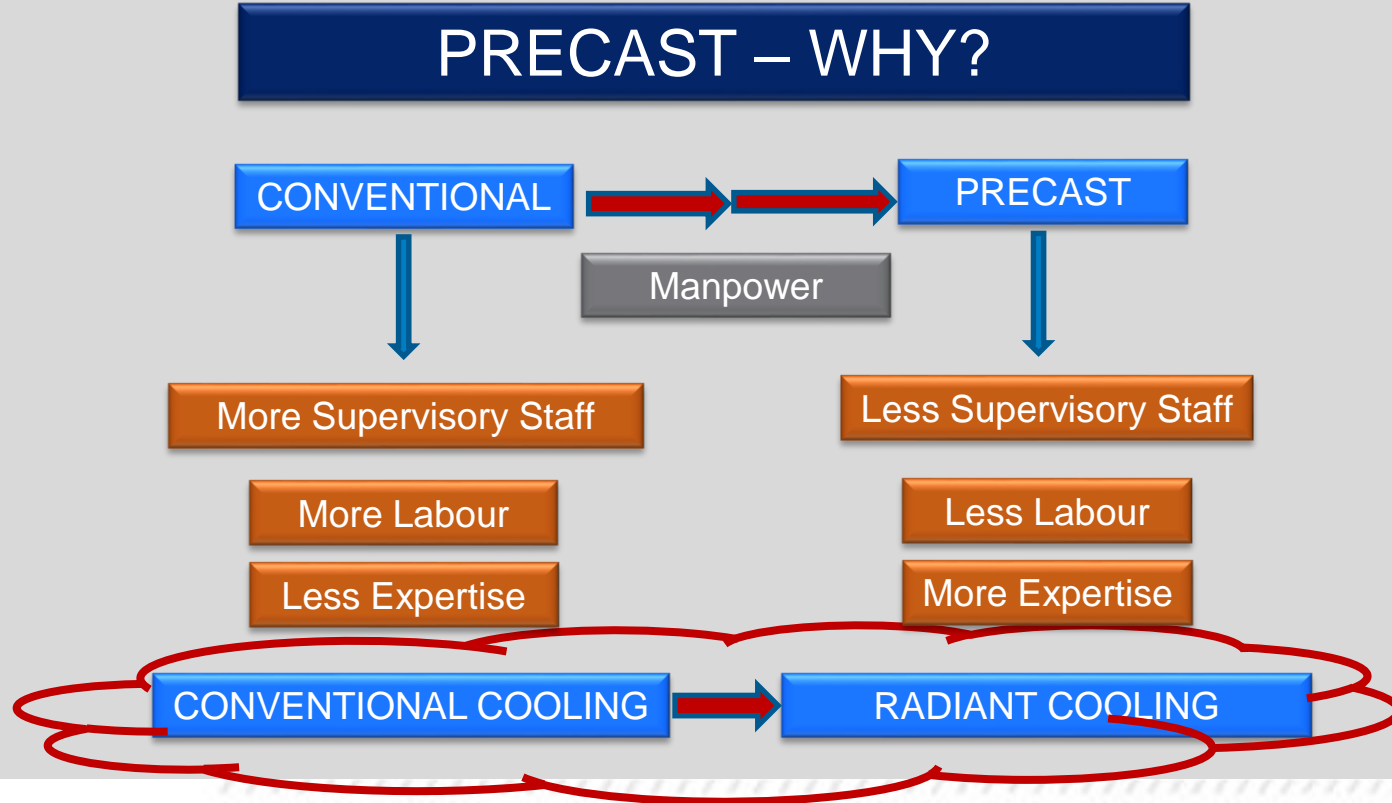
MINIMUM DISTURBANCE TO EMPLOYEES AND CLIENTS

MINIMISE LABOUR MOVEMENT

MINIMISE USE OF LAND FOR CONSTRUCTION PURPOSE

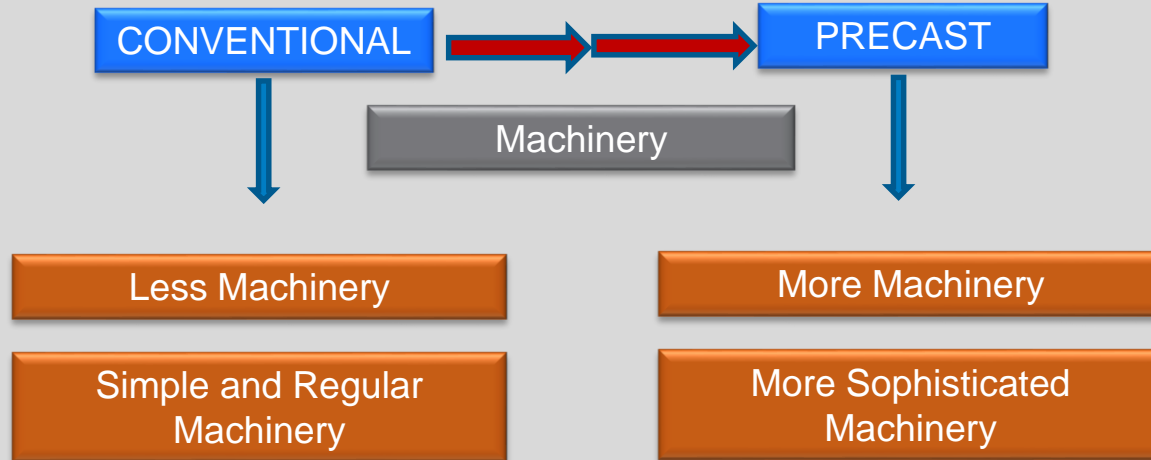
MINIMISE POLLUTION DUE TO CONSTRUCTION ACTIVITIES

CONSTRUCTION IN INFOSYS



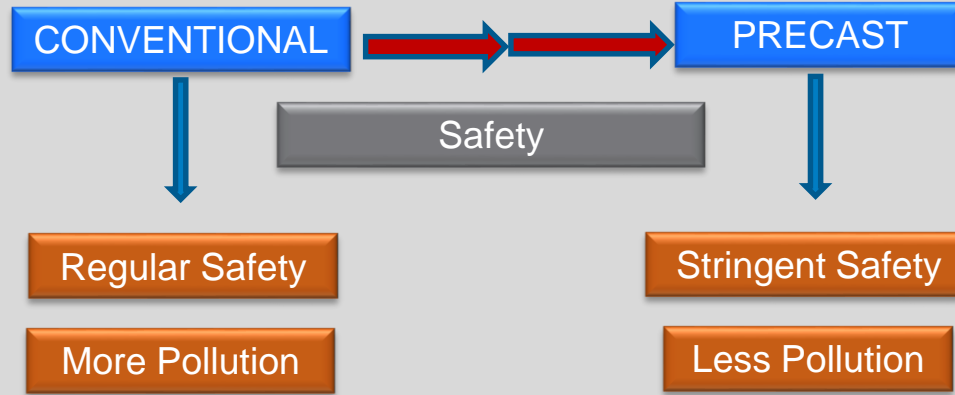
CONSTRUCTION IN INFOSYS

PRECAST – WHY?



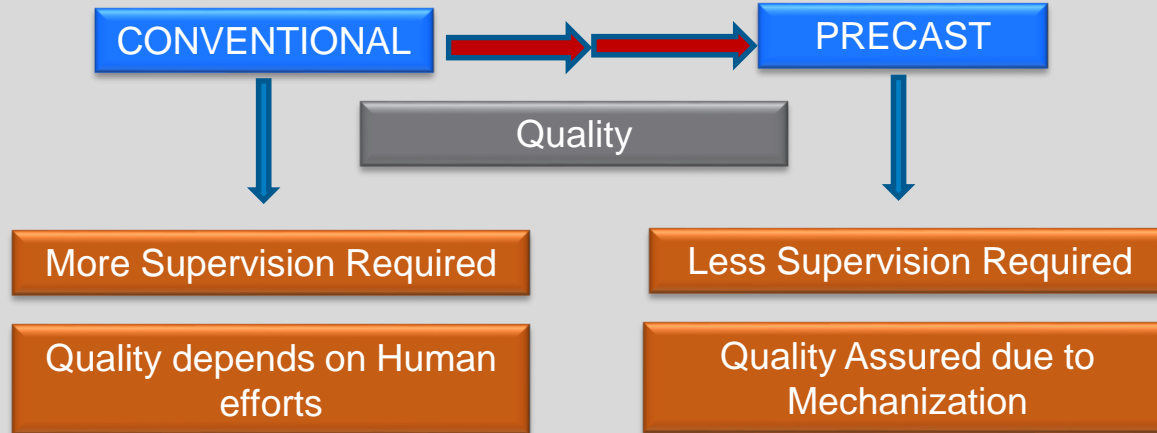
CONSTRUCTION IN INFOSYS

PRECAST – WHY?



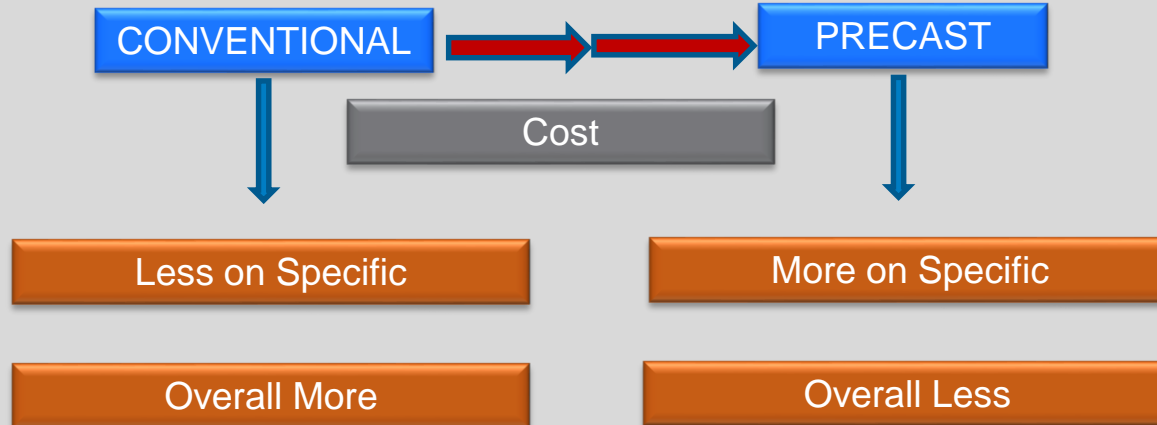
CONSTRUCTION IN INFOSYS

PRECAST – WHY?



CONSTRUCTION IN INFOSYS

PRECAST – WHY?



WHAT SHOULD A CLIENT SEE IN PRECAST VENDOR

THREE STAGES

DESIGN STAGE

Understand Project

Coordinate Services

Identify Constraints

Meticulous Detailing

Meticulous Detailing

PRODUCTION

Understand Drawings

Ensure Correct Mould

Analyze Connections

Proper Numbering & Coding

ERECTION STAGE

Experienced Erectors -
Patience

Receive Elements
Sequentially

Ensure all Components are
available

Ensure Proper Logistics

Calibration of Equipment

PCI TRAINED INSPECTORS

PRECAST PROJECTS IN INFOSYS

MLVP CHENNAI



G + 5 FLOORS

2.50 LAKH SFT

PRECAST COLUMNS,
STAIRS, WALLS,
DOUBLE TEE SLABS

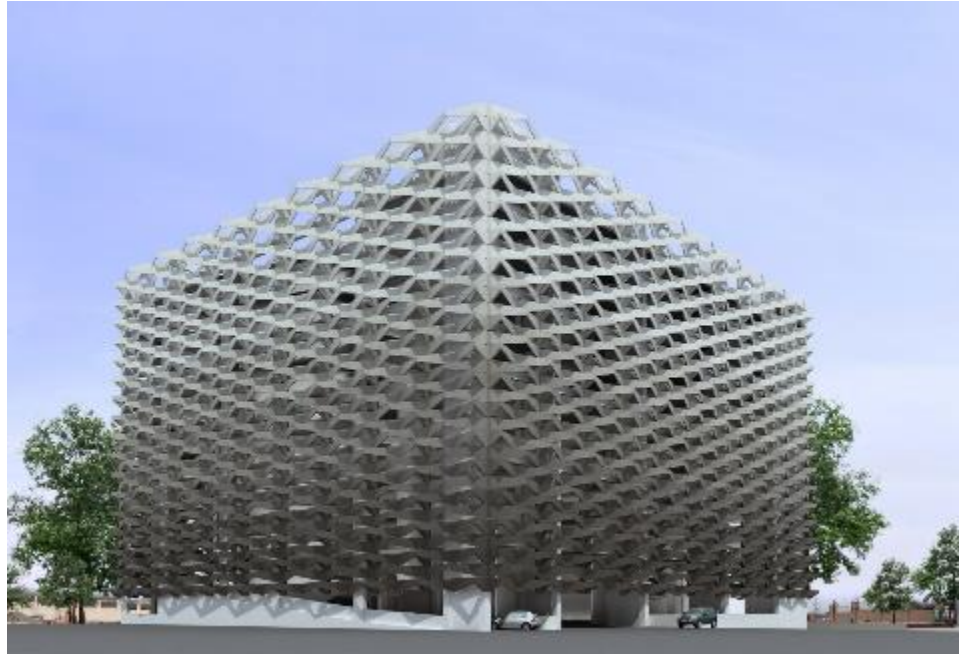
PRECAST PROJECTS IN INFOSYS

MLCP PUNE

B + G + 9 FLOORS

4.50 LAKH SFT

PRECAST COLUMNS, STAIRS,
WALLS, DOUBLE TEE SLABS, FINS



PRECAST PROJECTS IN INFOSYS

MLVP HYDERABAD

B + G + 4 FLOORS

1.35 LAKH SFT

PRECAST
COLUMNS, STAIRS,
WALLS,
HOLLOWCORE
SLABS



PRECAST PROJECTS IN INFOSYS

MLCP BHUBANESWAR OLD CAMPUS



G + 5 FLOORS

4.50 LAKH SFT

PRECAST COLUMNS,
STAIRS, WALLS,
DOUBLE TEE

PRECAST PROJECTS IN INFOSYS

MLCP BHUBANESWAR NEW CAMPUS



G + 7 FLOORS

4.65 LAKH SFT

PRECAST COLUMNS,
STAIRS, WALLS,
DOUBLE TEE

CARE TO BE TAKEN IN PRECAST

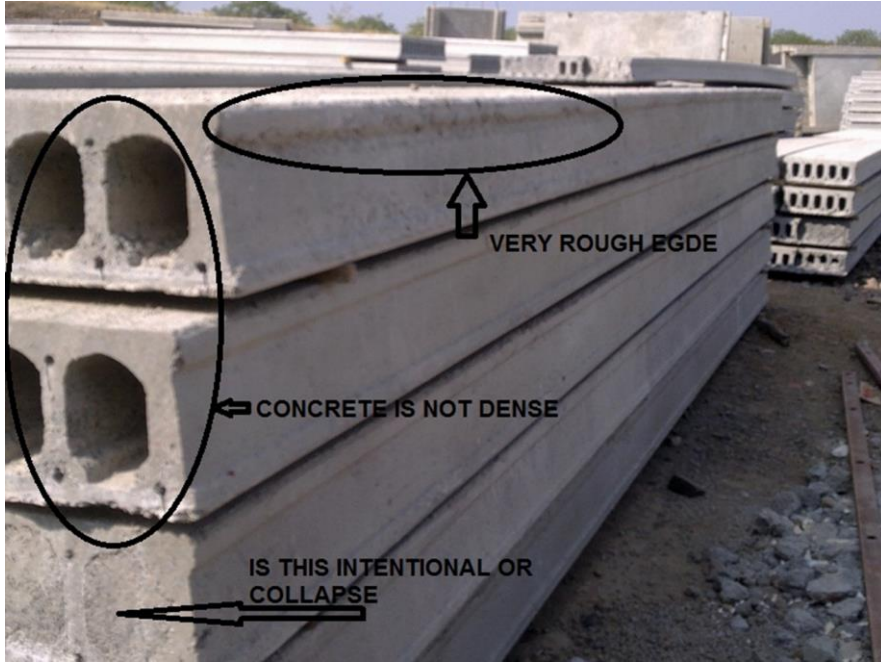
CONCRETE IS NOT DENSE

BROKEN EDGES INDICATE
CONCRETE IS NOT DENSE

CRACKS IN CONCRETE VISIBLE ALONG THE
BOTTOM SURFACE OF HOLLOW CORES

CARE TO BE TAKEN IN PRECAST





COMPLETED PROJECT

MLVP CHENNAI

CANOPY & FRONT SIDE VIEW OF MLVP



CANOPY – SOUTH SIDE



GROUND FLOOR



DESTRONING ROOM



VEGETABLE ROOM



GROUND FLOOR LIFT LOBBY AREA



RAMP – GROUND FLOOR TO FIRST FLOOR



FIRST FLOOR



FIRST FLOOR – LIFT LOBBY AREA



SECOND FLOOR



RAMP – SECOND FLOOR TO THIRD FLOOR



PROJECT UNDER PROGRESS

MLCP PUNE

Front View



Part A –East side



Façade Panels



Part A & B East side : Sample Facade Erected



North side :



West side :



Part B:



CONCLUSIONS

FOR PRECAST INDUSTRY TO SUCCEED, CARE SHOULD BE TAKEN AS

- PROPER DESIGN AND COORDINATION FROM ALL STAKE HOLDERS
- EXHAUSTIVE PLANNING
- PROPER CONNECTION DETAILS
- CHOICE OF CORRECT PLANT AND MACHINERY
- PRECISE CODING AND INTEGRATING WITH MASTER SCHEDULE
- PRODUCTION TO SYNCRONISE WITH TRANSPORTATION AND ERECTION
- PATIANCE IS THE KEY TO SUCCESS WHILE ERECTION



THANK YOU

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