

OUR CLIENTS >		Zydus		



aashir.in



AASHIR
ENGINEERING PVT. LTD.

Where imagination to execution goes on with integration

HEAD OFFICE

500-504, parshwanath business park, nr. prahaladnagar auda garden, satellite,
ahmedabad-380015, gujarat, india | e : bim@aashir.in

REGISTERED OFFICE

41, shyamal row houses 1-A, 132 feet ring road,
shyamal cross road, satellite, ahmedabad-380015



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KNOW AASHIR

Our company was established in year 1989 as M/S AASHIR now known as AASHIR ENGINEERING PVT. LTD.

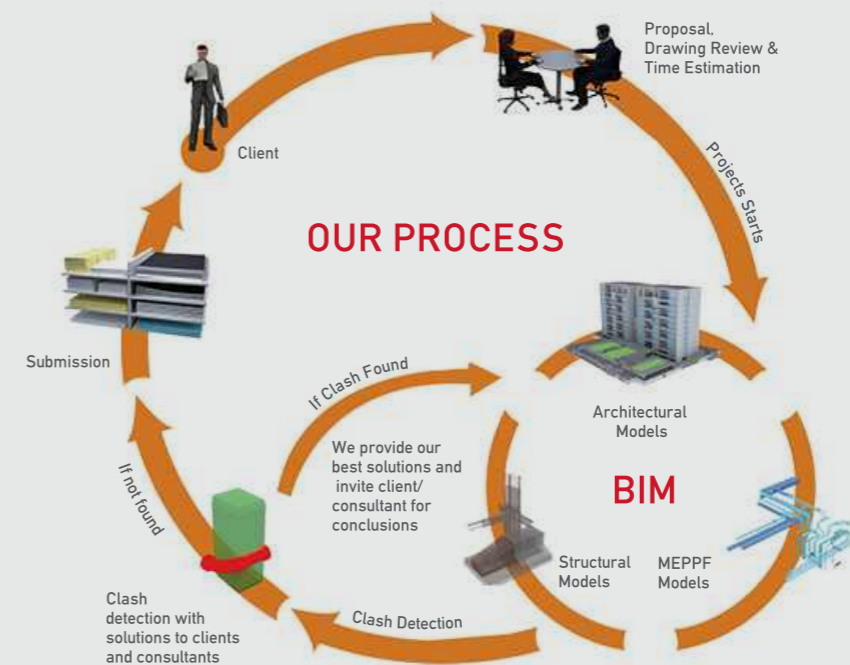
AASHIR ENGINEERING PVT. LTD. offers a range of services to clients, which include the following:

- **BIM service**
- **Plumbing-Fire Fighting Contracting**
- **Plumbing-Fire Fighting Design Consultancy**
- **Industrial RO Manufacturing& Installation**

The company is having more than 100 employees comprising experienced BIM modelers, engineers, team of supervisors, draftsmen, storekeeper, strong administrative staff & skilled- unskilled labours.

We are totally a service based company. Our client's satisfaction is our main motto. We adopt new technologies, systems & advance utility products to keep up the pace with client's requirements. The projects are carefully & precisely executed on the basis of drawings, details, site location & conditions. Our main attention is into project's accuracy, timeliness, perfection & also building long term relationship with clients.

IMPROVE YOUR PROCESS WITH BUILDING INFORMATION MODELING, INTELLIGENT STRUCTURAL STEEL DETAILING AND FABRICATION SOFTWARE.



WHAT IS BIM?

BIM (Building Information Modeling) is not just a software in fact it is a process.

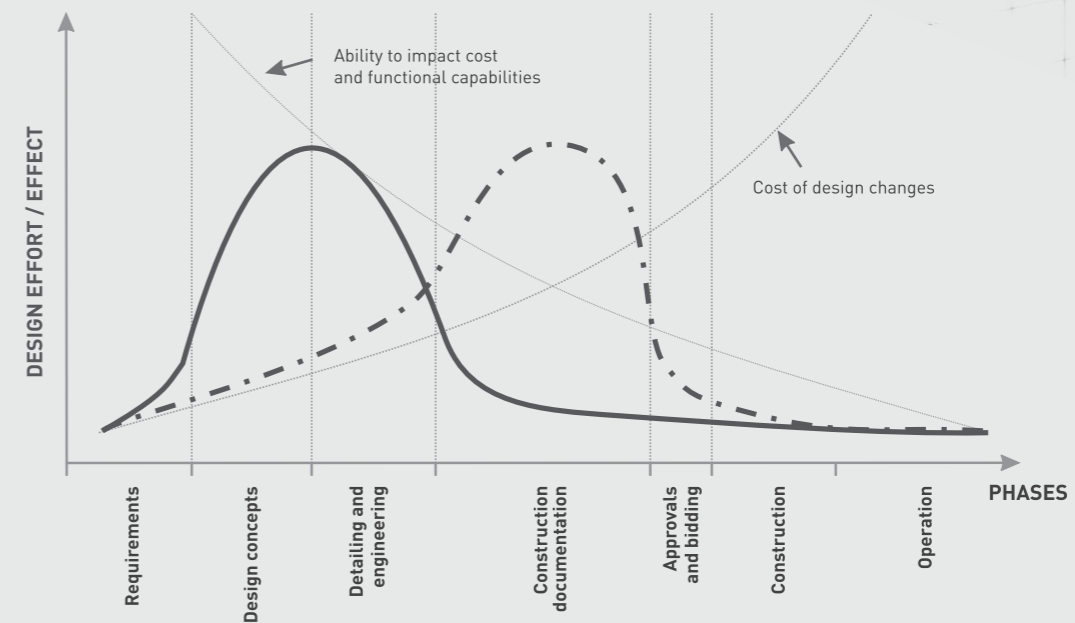
It is an integrated process of generating, coordinating and managing a building by exploring a digital model before the actual project is constructed and later during its construction facilitate the operation and maintenance via detailed documentation thus making the whole process extremely helpful to the service providers i.e. AEC (Architecture, Engineering and Construction) industry.

"BIM is digital model of a building in which information about project is stored. It can be 3D, 4D (integrating time) or 5D (including cost) – right up to 'nD' (a term that covers any other information). As a receptacle for project information, BIM has massive versatility & potential."

BENEFITS OF BIM

- DATA ONCE ENTERED CAN BE REPROCESSED THROUGHOUT THE LIFE CYCLE OF THE PROJECT
- METHOD WIDELY HELD FOR CLASH AVOIDANCE
- REDUCES COSTS
- REDUCES RE-WORK
- FASTER DOCUMENTATION/DRAFTING WITHOUT LOSS OF COST & QUALITY
- MODEL BEHAVIOUR CAN BE ANALYSED
- BLENDING GEO-SPATIAL AND BUILDING INFORMATION FOR PLANNING
- REDUCING REQUESTS FOR INFORMATION AND CHANGE ORDERS
- WORK ON A SINGLE 3D MODEL RATHER THAN A MULTITUDE OF SEPARATE 2D FILES
- IMPROVING AWARENESS OF PROGRESS AND CURRENT STATUS OF PROJECT
- REDUCING CYCLE TIMES BETWEEN REVIEWS & RFI'S
- CREATING A TIME-BASED SIMULATION OF CONSTRUCTION ACTIVITIES
- IMPROVED COMMUNICATION BETWEEN CLIENT AND SUPPLIER
- ENSURING LOWER WHOLE-LIFE COSTS FOR THE ASSET THROUGH SUSTAINABLE DESIGN - TESTED OUT AT THE DESIGN STAGE
- QUANTITY TAKE-OFF
- CLARITY IN CONSTRUCTION SEQUENCING
- ENERGY ANALYSIS
- INCREASES PROJECT VIABILITY IN TERMS OF FINANCE / TIME PERIOD WHICH MINIMIZES THE RISK FACTOR

TRADITIONAL VS BIM DESIGN PROCESS



DURING CONSTRUCTION

- CLASHES ARE SOLVED BEFORE CONSTRUCTION.
- NO DISTURBANCE TO STRUCTURAL ELEMENTS AS ALL SLEEVES CAN BE PLANNED IN THE BIM MODEL.
- REDUCE CONSTRUCTION WASTAGE .
- QUALITY CONSTRUCTION OF ALL SERVICES.
- SAVES TIME.
- 3-D DRAWINGS BRINGS CLARITY AT SITE.

AFTER CONSTRUCTION

- EASE OF MAINTENANCE DURING RENOVATION.
- EASY TO DETECT PROBLEMS DURING SERVICE FAILURE.
- FUTURE MODIFICATION AND ITS ESTIMATION.
- USERS GET EXACT BENEFITS WHICH WAS PLANNED.



3D MODELING

GRAPHICALLY AREA ANALYSIS

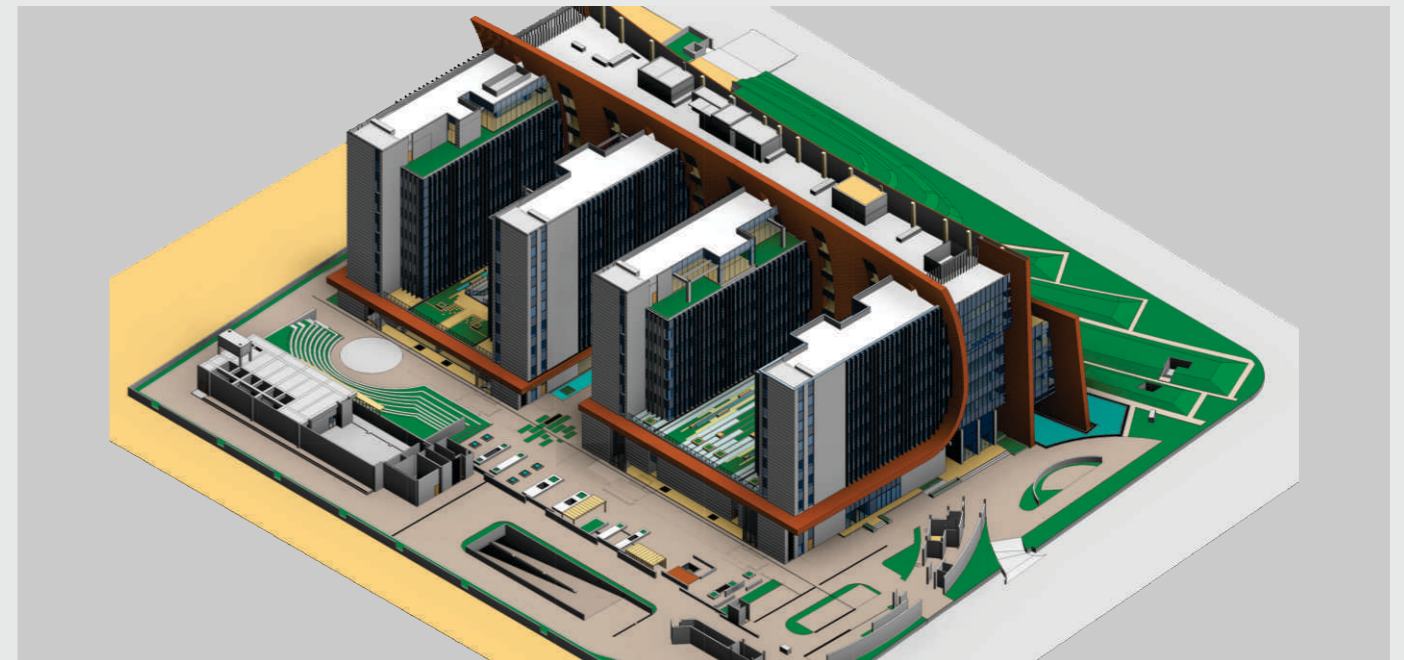
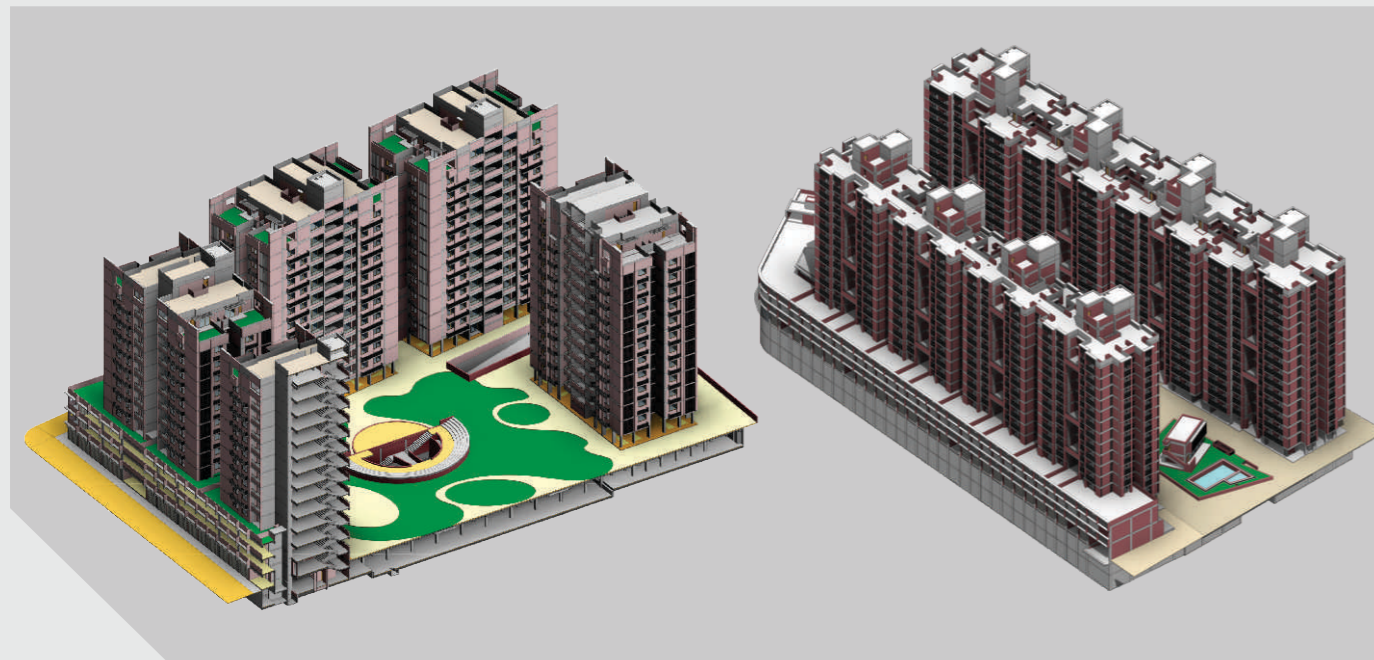
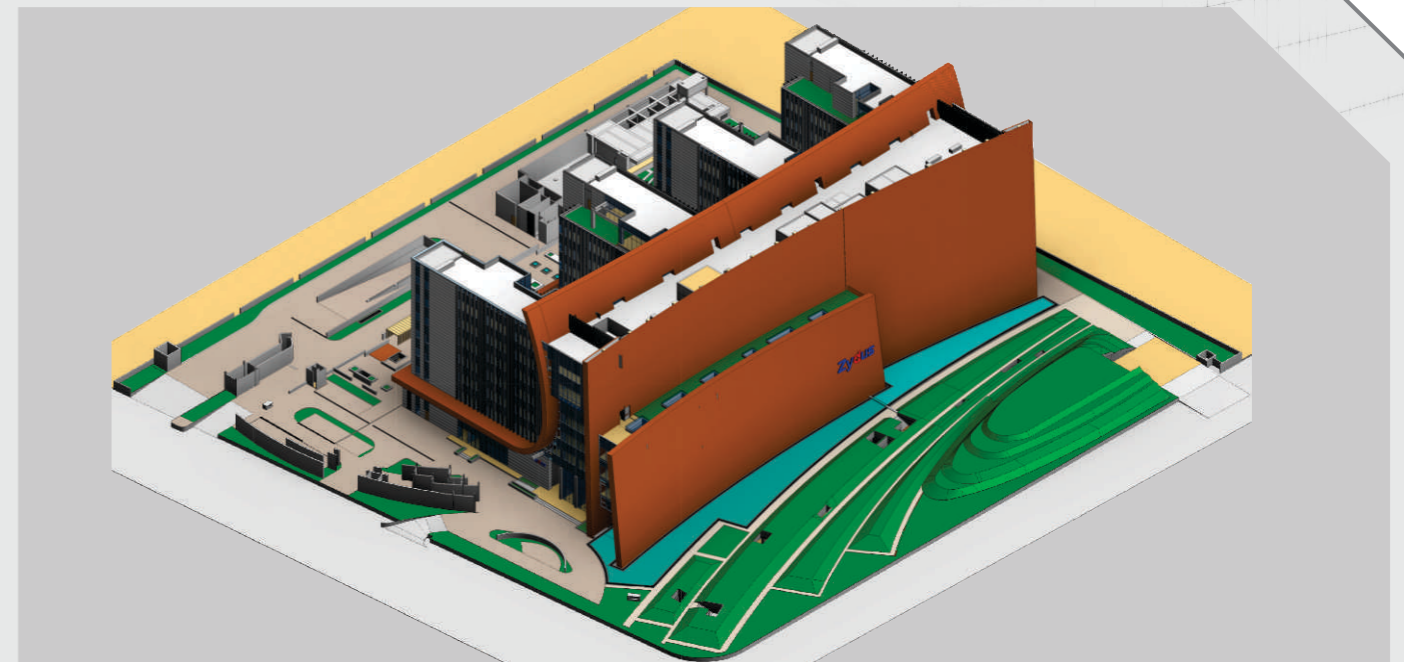
3D SPACE PLANNING & VISUALIZATIONS
WITH INTERIOR ELEMENTS

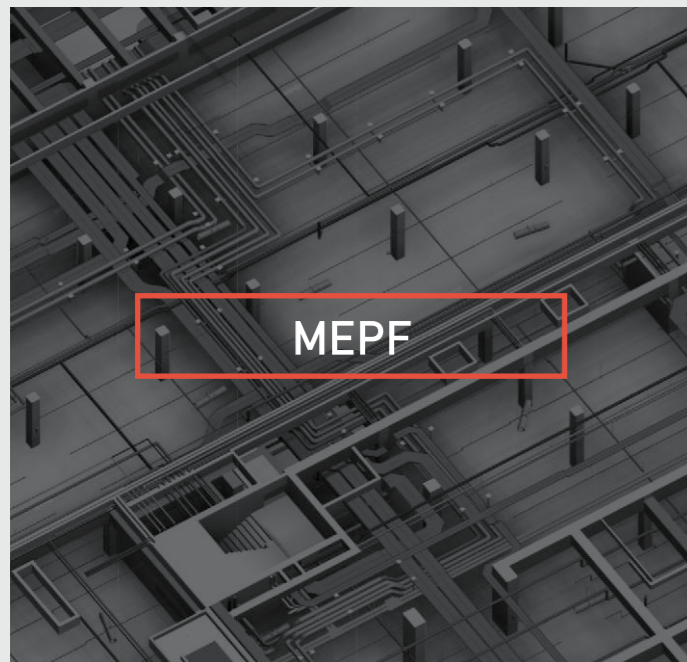
ARCHITECTURAL JUNCTION COORDINATION

STRUCTURAL COORDINATION
QUANTITY TAKE OFF AND GENERATING BOQ

GOOD FOR CONSTRUCTION DRAWINGS
SHOP DRAWINGS

RESOLVE CONSTRUCTION ISSUES
4D CONSTRUCTION SIMULATIONS





3D MODELING OF BUILDING /
INDUSTRIAL SERVICES

CLASH DETECTION WITH SOLUTIONS

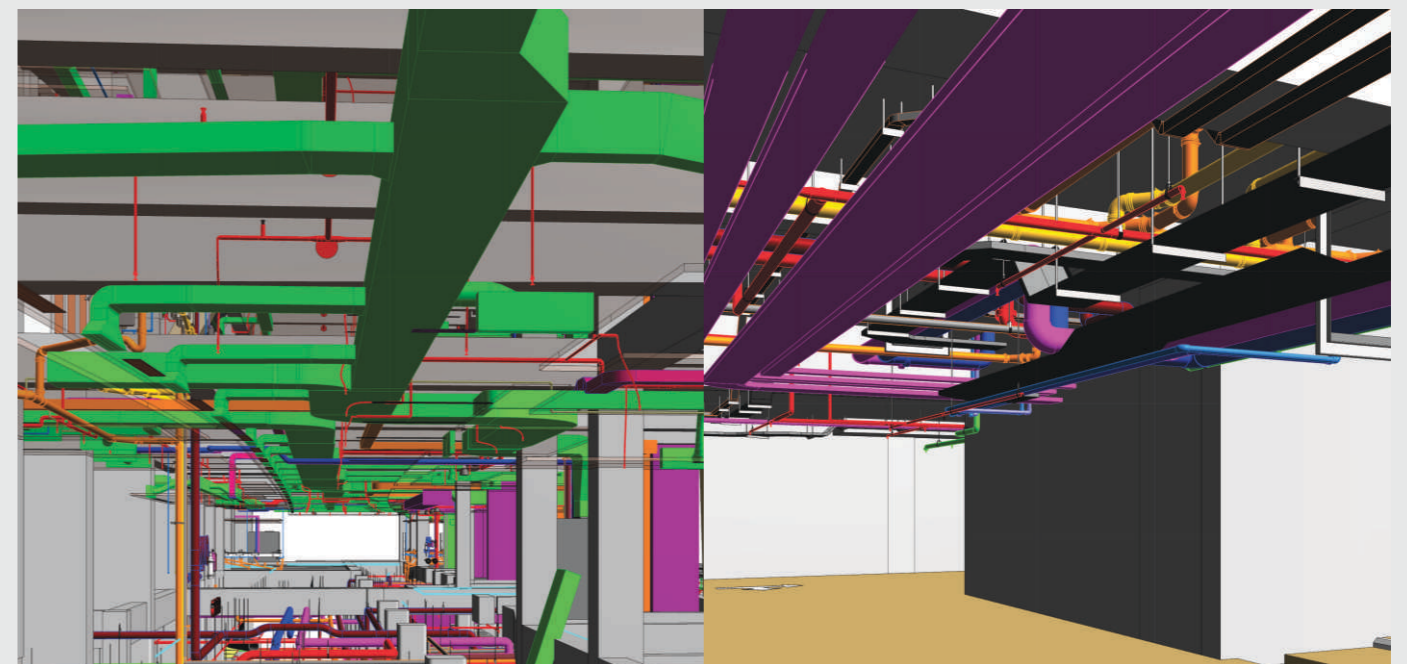
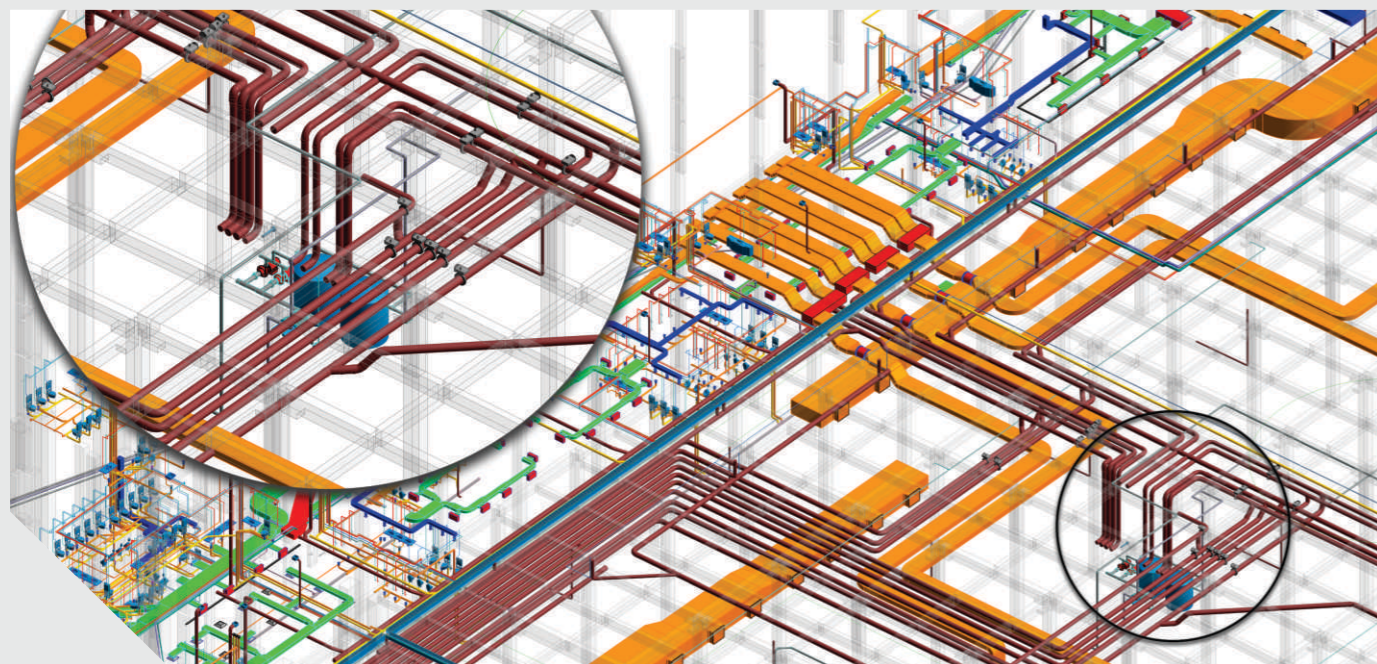
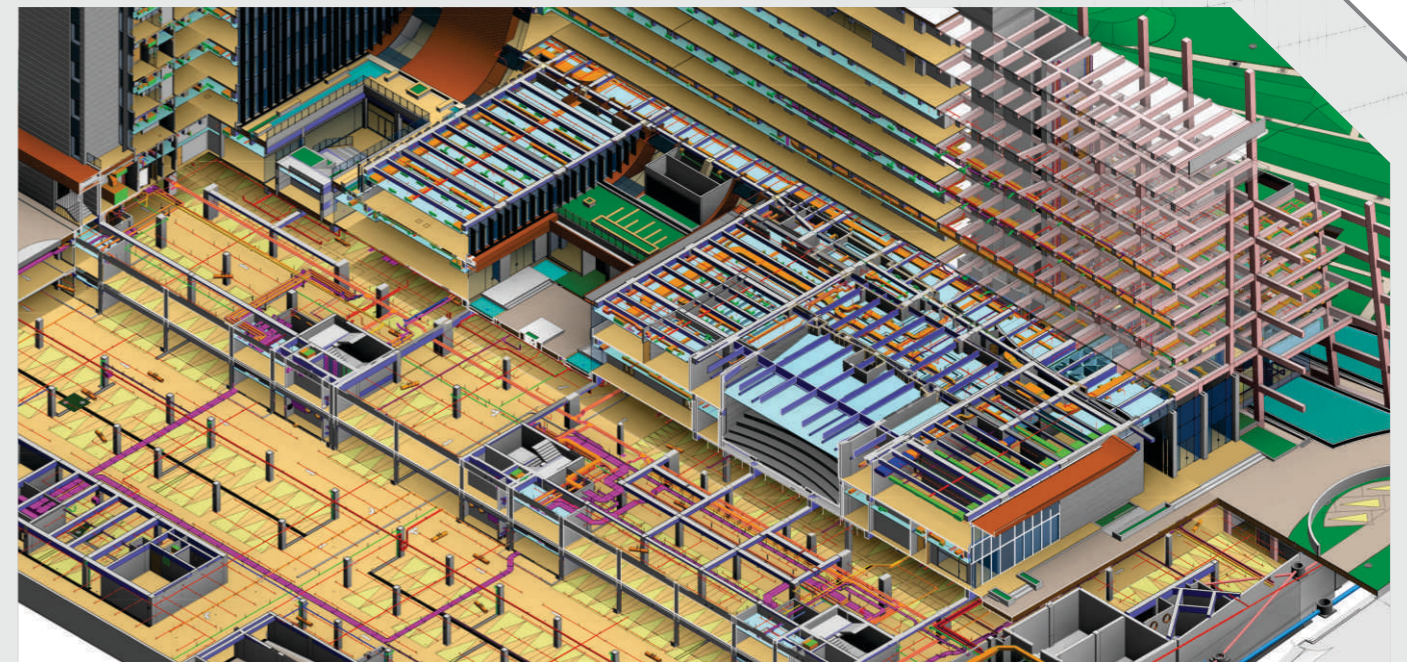
RESOLVES JUNCTION
& PROVIDE SOLUTIONS

VALUE ENGINEERING

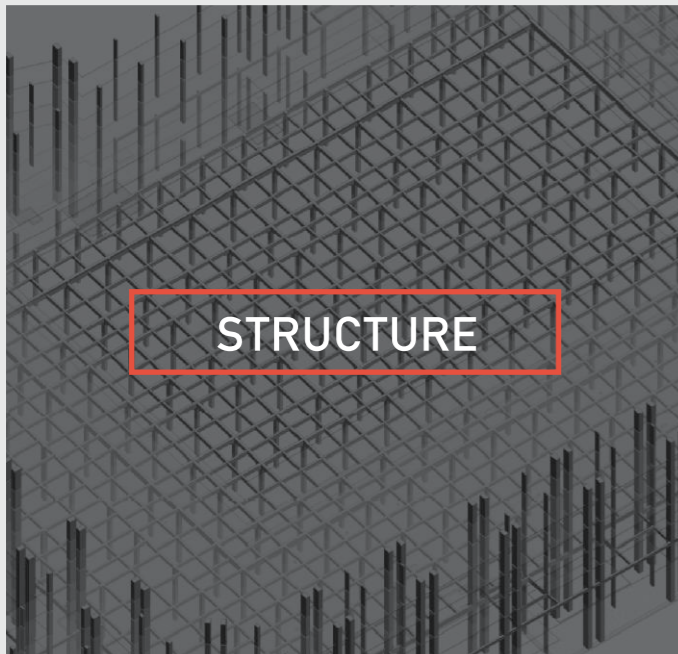
GOOD FOR CONSTRUCTION DRAWINGS

SHOP DRAWINGS / AS BUILT DRAWINGS

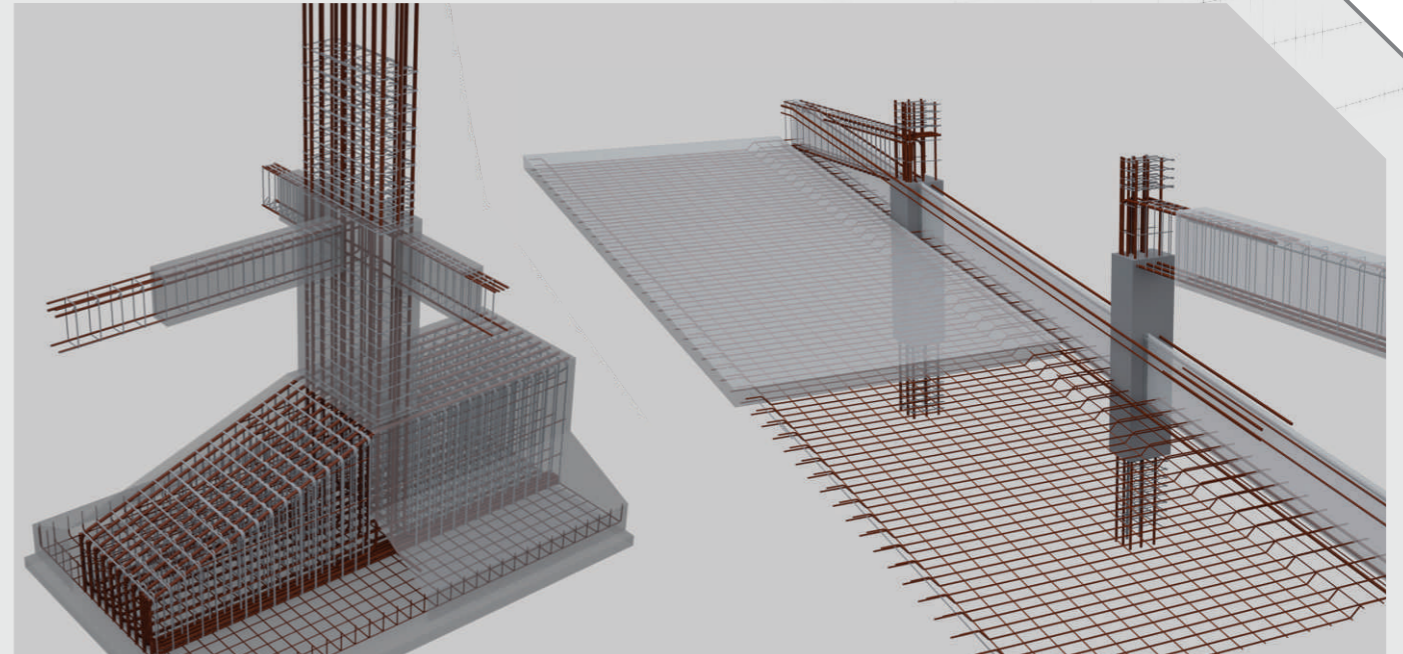
4D CONSTRUCTION SIMULATIONS



BIM MANAGEMENT / 4D SIMULATIONS / BIM FAMILY CREATIONS / ARCHITECTURE / ENGINEERING CONSTRUCTION / SHOP DRAWING / GFC DRAWING / AS BUILT DRAWING / MODEL



REBAR MODELING WITH DETAILING
3D TENSILE STRUCTURE & DETAILING
GENERATING BAR BENDING SCHEDULE
DIGITAL PREFABRICATION



SHOP DRAWING
GOOD FOR CONSTRUCTION DRAWING
AS BUILT DRAWING

