



YOUR HEAD OFFICE FOR...

 Get advantage of the time zones to make your business work 24x7

 Reduce your workload and relax by offloading your work to us.

 Cut operational and software subscription cost.

 Get daily reports of the work assigned to us.

 Letting you focus on core activities.

Management Design **BIM Process** Texturing **Structural Analysis**
CAD Drafting Integrate **Collaboration Architectural** Planning
LOD Specifications Clash Detection As-Built Drawings ESTIMATION

Visualization
COST CONTROL
INTERIORS

Journey



- i** BIMagine Global Studio (BGS) was founded by Saurabh Kumar in 2019. While working with some of AEC companies, Saurabh observed that the potential of many young talents are not being utilized. Many of them lost their jobs in COVID pandemic as well.
- ii** An integrated team having the appropriate mix of talent, creativity and expertise was created including project managers, architects, engineers and draftsmen who use latest digital design tools and BIM process to deliver construction documents and models as per the client standards across all time zones.
- iii** This not only generated employment but also helped our overseas clients in their business growth through our remote employees. They can now focus more on the cores and adding value to their business.
- iv** Currently BGS is an Architectural and Engineering company offering all types of design solutions and virtual design construction (VDC) services which includes BIM and CAD support to its overseas clients reducing their workload and enhancing their productivity. Hence our clients spend minimum time on review cycles and get quality deliverables.



Saurabh Kumar
Founder & CEO

- ⦿ B.Tech Hons.in Civil Construction
- ⦿ Work experience in leading MNCs of AEC industry.
- ⦿ 8+ years of experience as digital design practice leader.
- ⦿ Awarded by Indian Concrete Institute and Association of Consulting Civil Engineers, India for his work on BIM.
- ⦿ Founder of " BIMagine Learning Frame " which uplift skill set of graduates and professionals in A/E industry.



BIMagine Global Studio
design powered by technology

What's Inside Our Structural Services Package ?

Why Us ?

- Letting you Focus on Core Activities
- Add Value to your Business
- Cut Operational Costs & Save Big
- Add Remote Employees to your Team
- Reduce Burden of Software Cost
- Get Regular Updates on Projects



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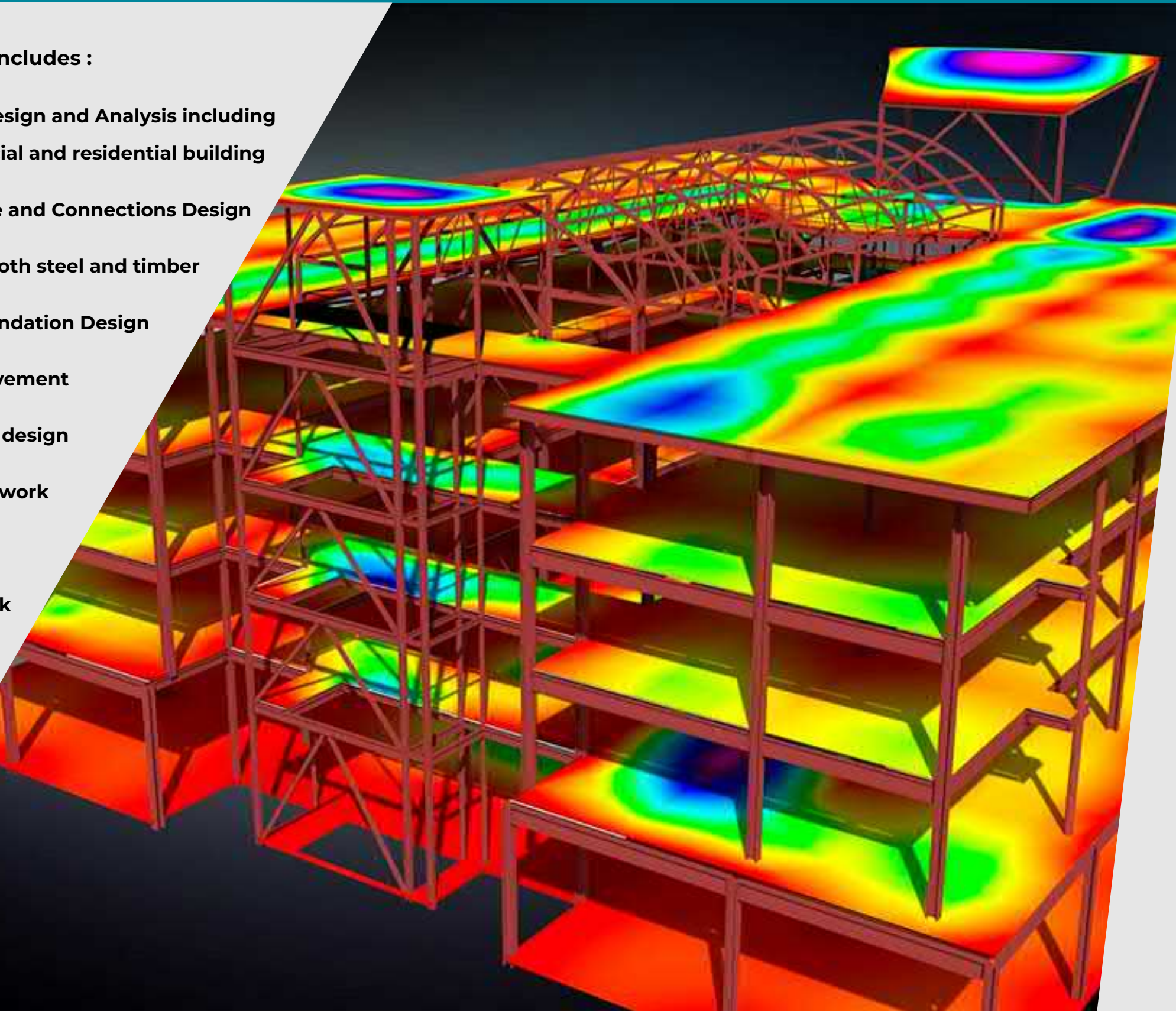


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01. Structural Design

This Package Includes :

- **RC Building Design and Analysis including both commercial and residential building**
- **Steel Structure and Connections Design**
- **Truss design both steel and timber**
- **All kind of Foundation Design**
- **Ground Improvement**
- **Retaining wall design**
- **Geo-synthetic work**
- **Under-pinning**
- **Basement work**



BIMagine can assist you in civil and structural engineering work from simple analysis of a member to analysis of the entire structure. Some of the structures we deal include, multistory building, bridge, and foundations. We handle both RC and steel design. Our team are familiar with following design codes:

- ✓ **ASTM**
- ✓ **IBC**
- ✓ **BS**
- ✓ **Eurocode**
- ✓ **Australian Code**
- ✓ **Canadian Code**
- ✓ **AITC 1994**
- ✓ **AISC**

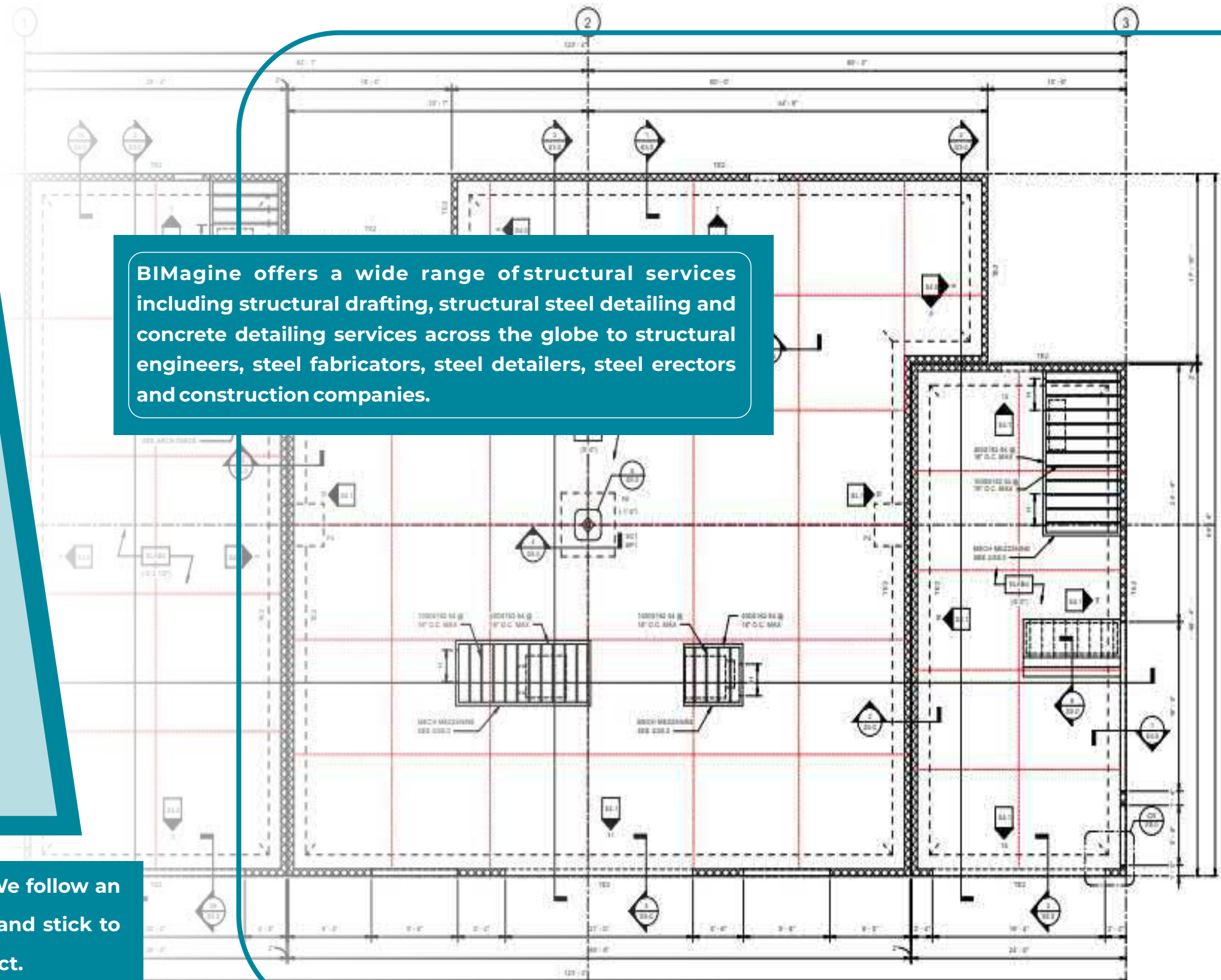


02. Construction Documents Set

CD Set includes but not limited to :

- ✓ Foundation Plan
- ✓ Framing Plan
- ✓ Roof Plan
- ✓ Enlarge Structural Details
- ✓ General Arrangement Drawings
- ✓ Structural Steel Shop Drawings / Fabrication Drawings
- ✓ RC Drawings
- ✓ Wall Sections
- ✓ Assembly Drawings
- ✓ Precast Drawings
- ✓ Structural Schedule
- ✓ Bar Bending Schedules
- ✓ Water Treatment Plant Modeling and Detailing

BIMagine offers a wide range of structural services including structural drafting, structural steel detailing and concrete detailing services across the globe to structural engineers, steel fabricators, steel detailers, steel erectors and construction companies.



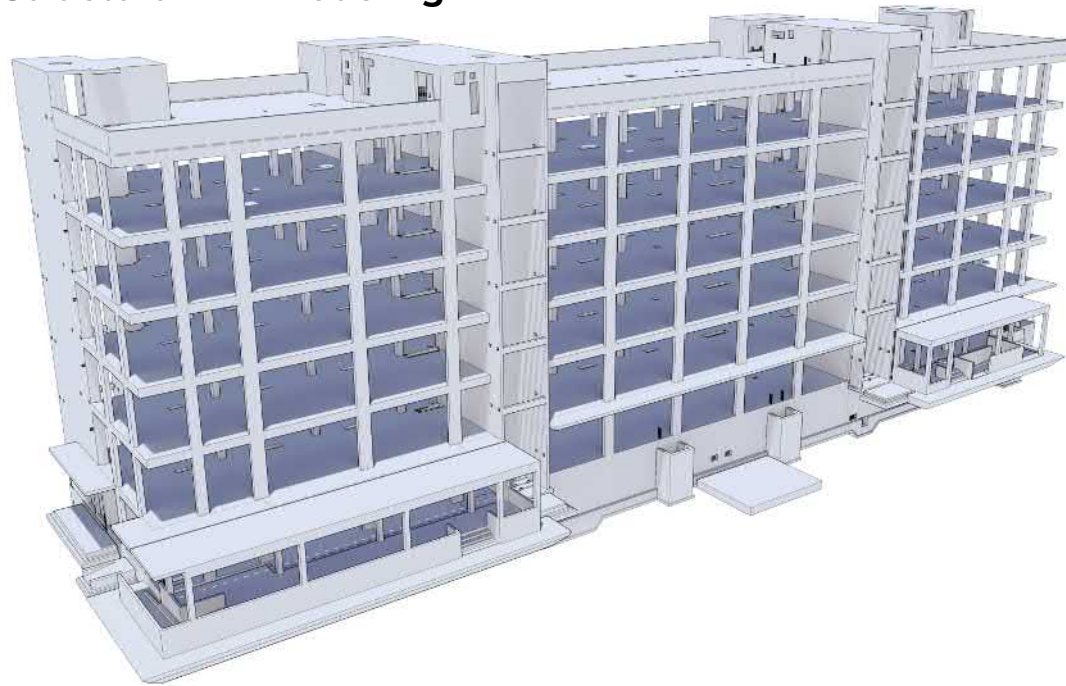
Foundation Plan

Note: A strict quality check before delivery is followed. We follow an approach of effective communication with client and stick to the initial schedule as decided throughout the project.



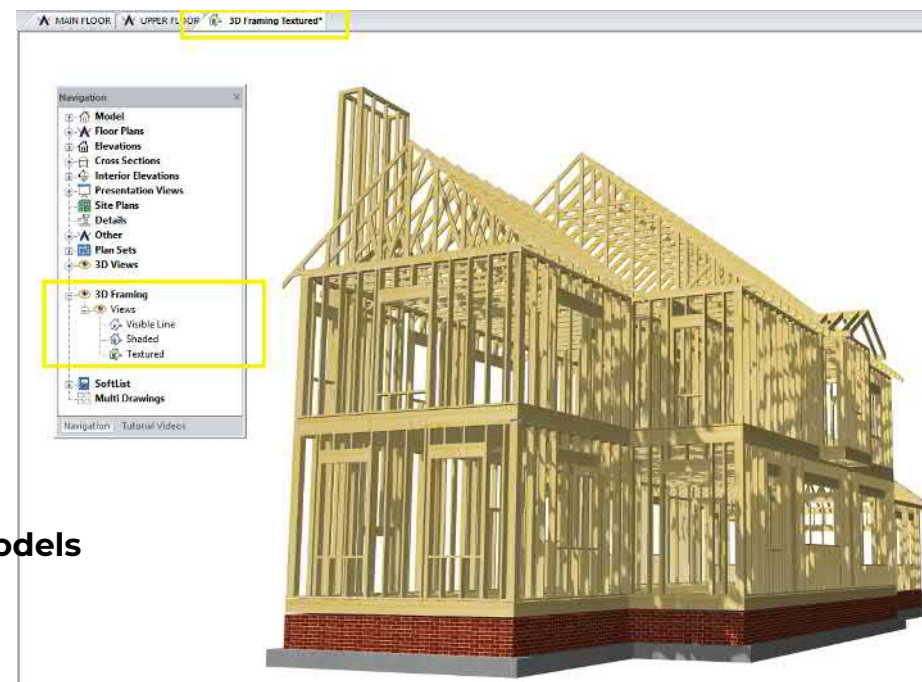
03. Structural BIM Service

Concrete Structural BIM Modeling



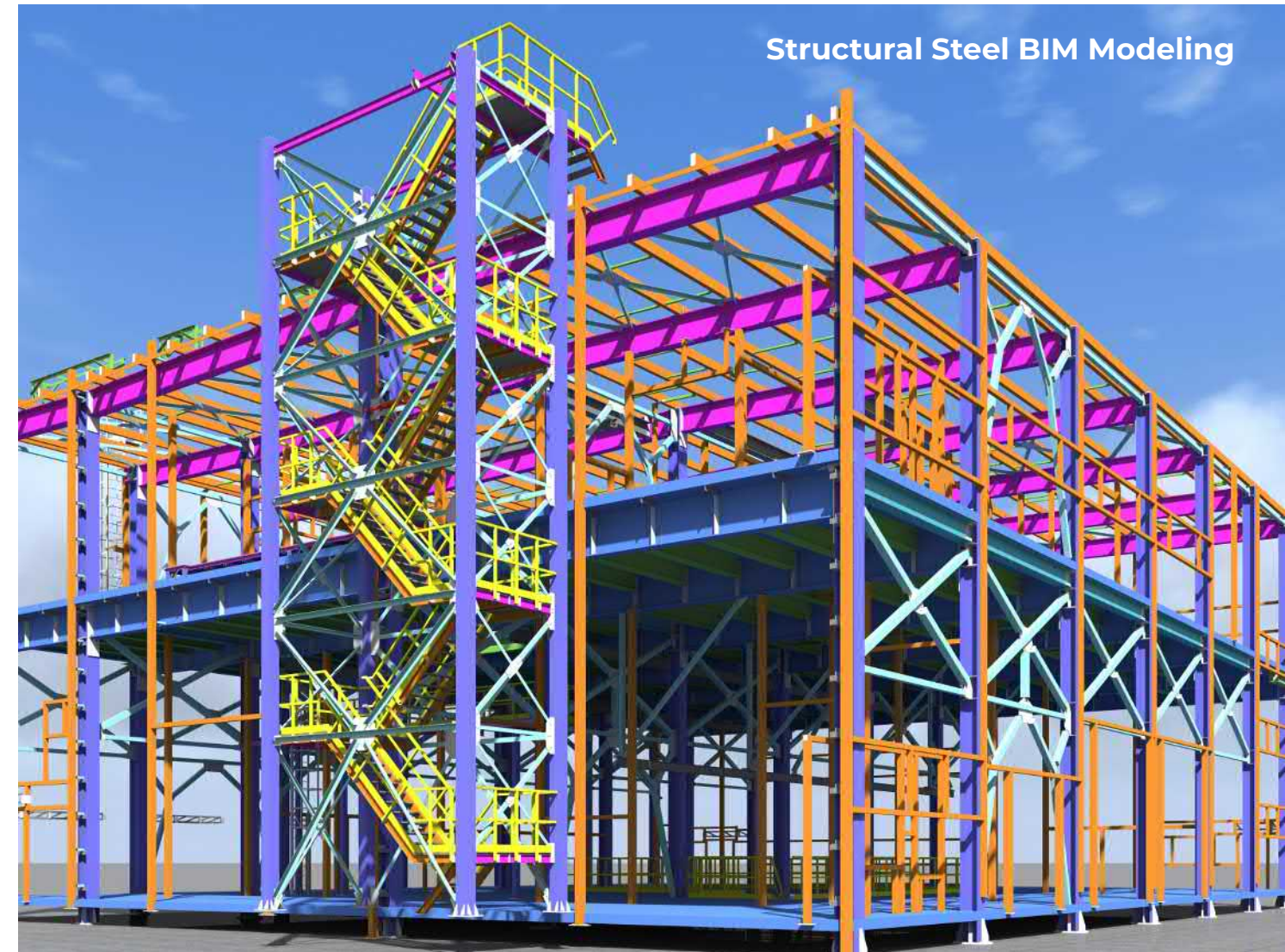
Structural BIM Service Includes :

- ✓ Coordination between BIM models (diff disciplines)
- ✓ Precast Modeling and Detailing
- ✓ Concrete Structure Modeling
- ✓ Clash Report Generation
- ✓ Structural Steel Modeling
- ✓ Wood Structures Modeling
- ✓ Drawings Extraction from BIM Models
- ✓ Scan to BIM Structural Modeling
- ✓ Revit Family Creation



Wooden Structural BIM Modeling

Structural Steel BIM Modeling

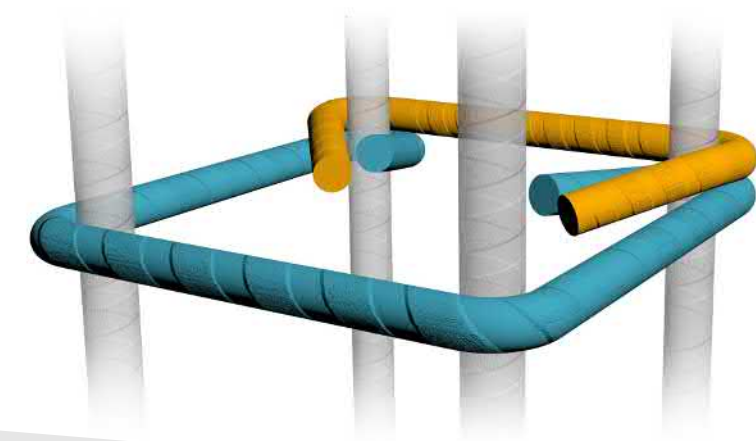
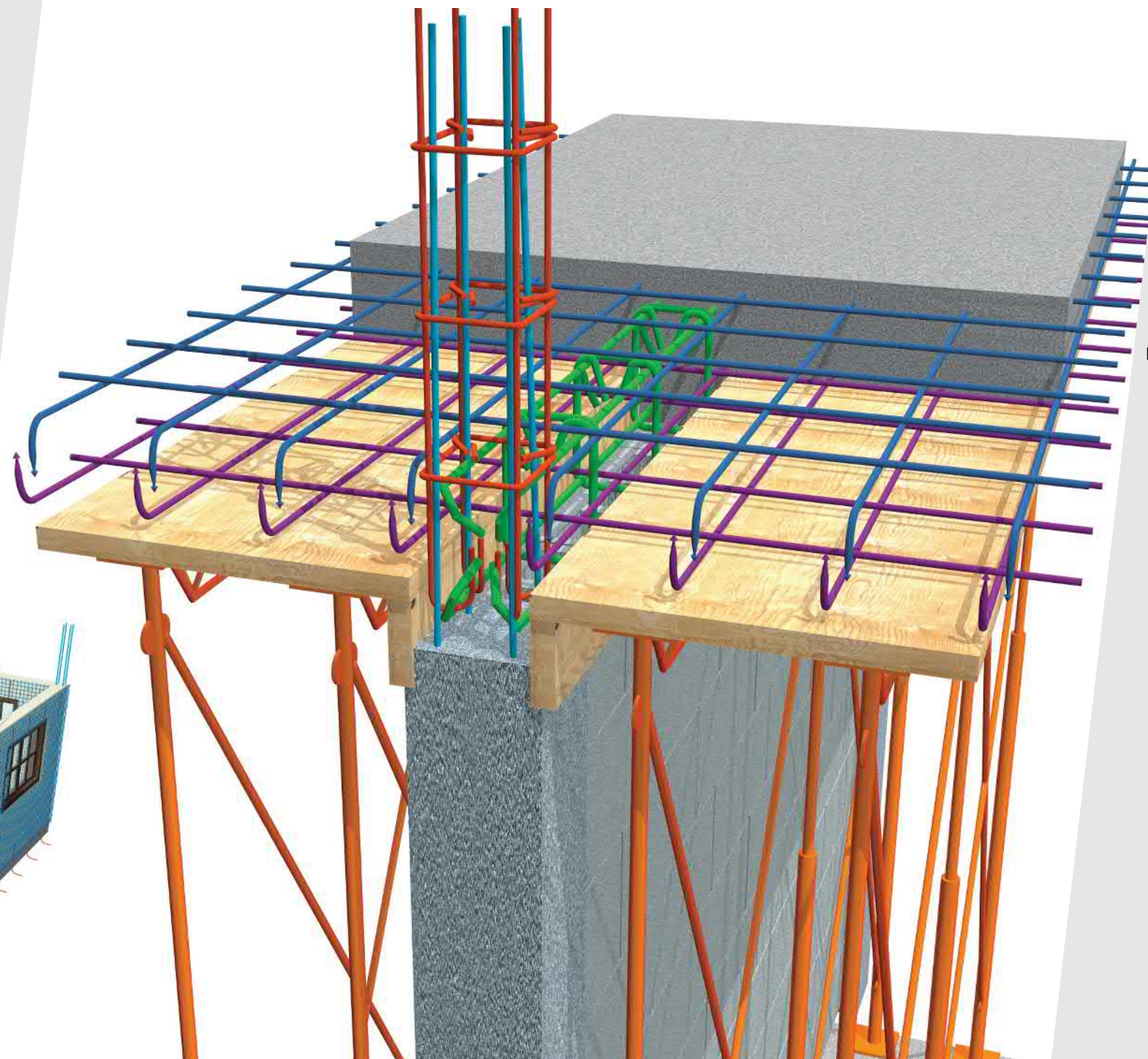


Our expertise in BIM domain is well projected with our structural BIM service that provide improved coordination and informed decision making between contractor and structural engineer.. Our structural BIM model assist the structural consultant ,MEP consultant and architectural consultant to work with maximum efficiency by constantly updating the model with any changes in design and specification with utmost accuracy. Expertise of our structural team with Revit and other software enable us of providing structural BIM services with quick turn around time.

04. Rebar Detailing

Rebar Detailing Service Includes :

- ✓ Rebar Shop Drawings
- ✓ Bar Bending Schedule
- ✓ Retaining Wall Details
- ✓ RC Foundation Details
- ✓ 3D Rebar Modeling
- ✓ Beam , Slab and Column Rebar details
- ✓ Precast Elements Detailing



“Simplify Complex Junctions with 3D Rebar Detailing”

Rebar detailing is one of the prominent service offered by BIMagine in structural domain of services. Where the structural data is converted into detailed set of construction drawings. This service helps the client to carryout rebar laying at the site with a high level of accuracy great efficiency. Our specialized 3D Rebar Detailing Services helps the contractor to visualize the structures during construction with help of a LOD400 model in prefabrication and rebar placement on site.

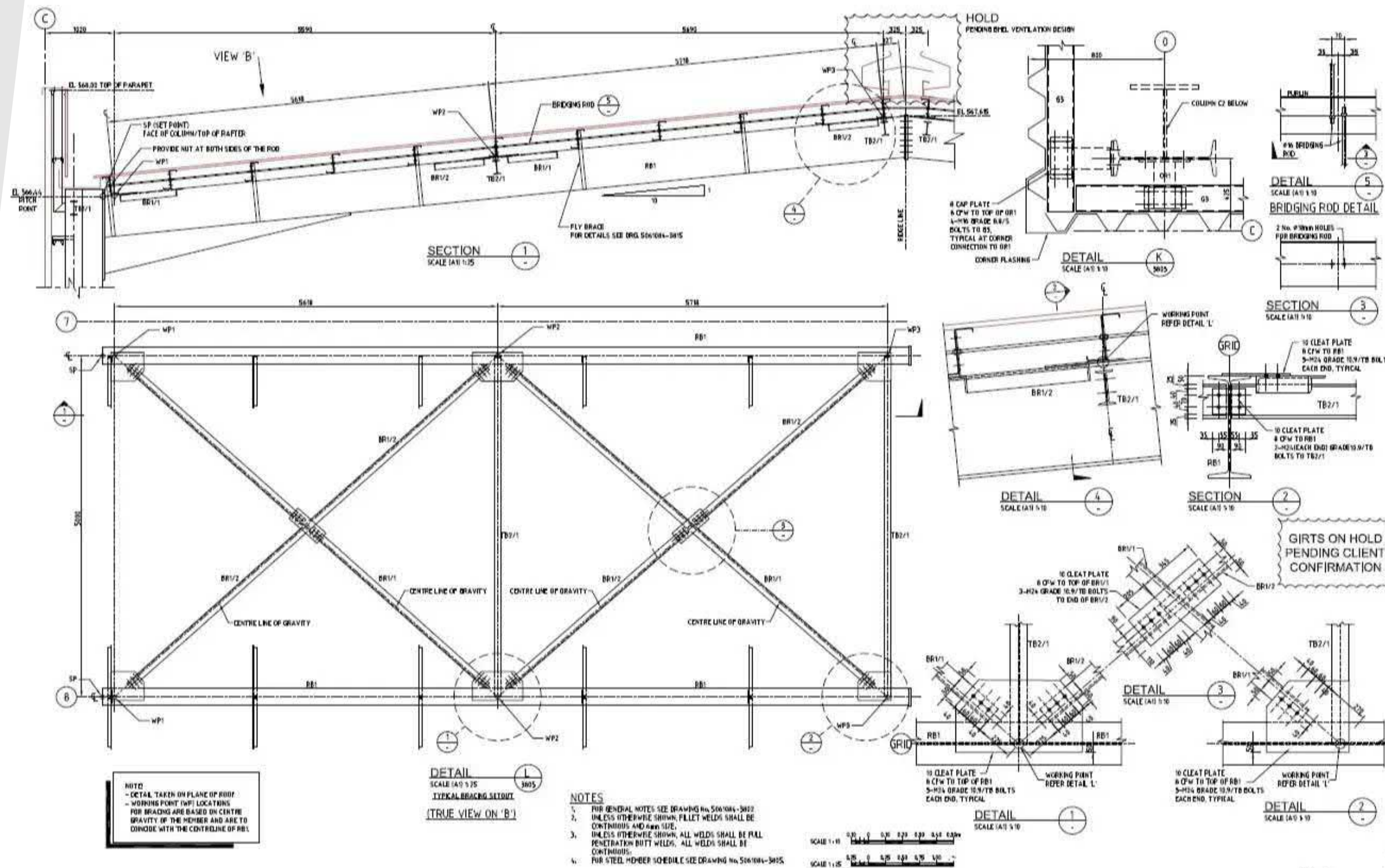


05. Structural Steel Shop Drawing

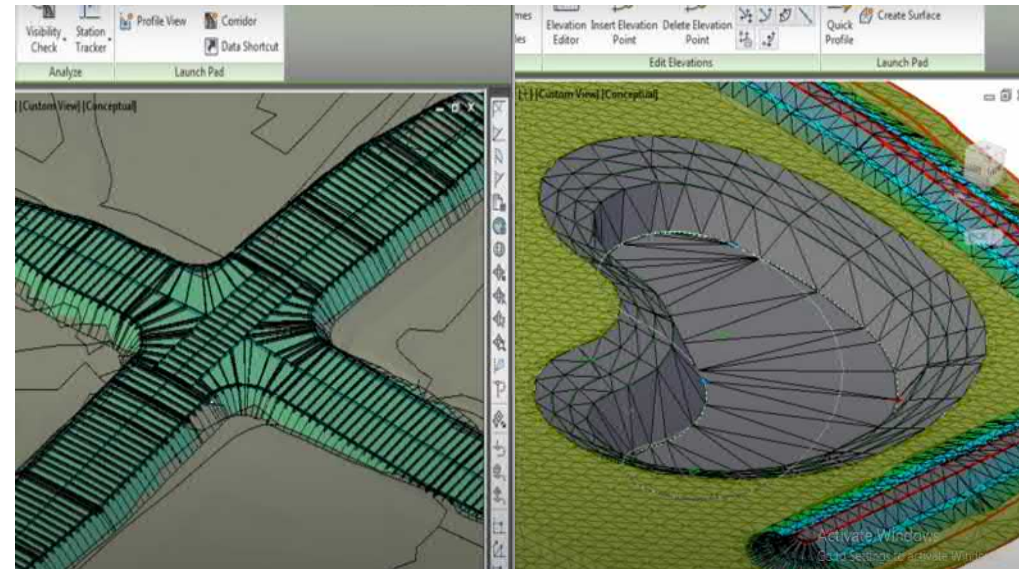
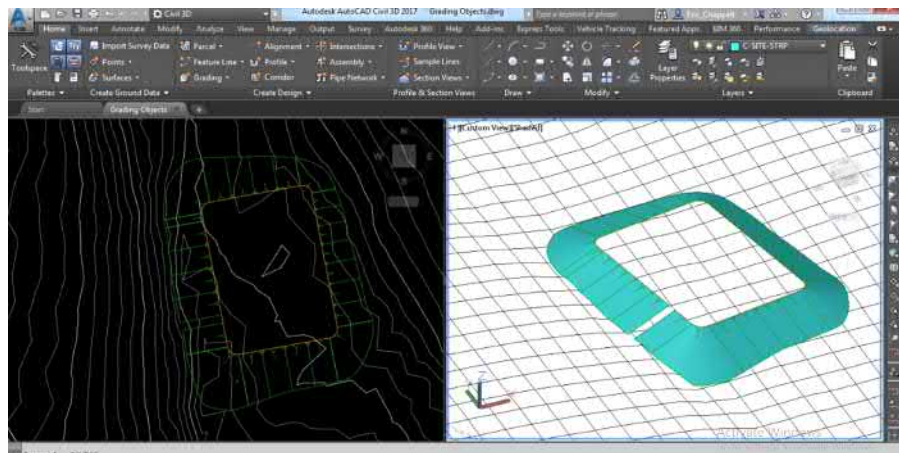
A steel shop drawing is one of the primary requirements for any project that has fabricated steel structures. They make the erection process simple and hassle free. The drawings provide section, elevation plans, dimension details, welding information, connection details and other specification like bolt sizes. Understanding the importance of precision and quality we at BIMagine provide detail steel shop drawings that can save budget, time, resources and cost of reworks. pace.

This Package Includes:

- ✓ Steel Erection Drawings
- ✓ Concrete Steel Joint Detailing
- ✓ Steel Truss Detailed Drawings
- ✓ Steel Members Drawings (Foundation, Base Plate, Column, Girder etc)
- ✓ Connection Details



06. Civil 3D Capabilities



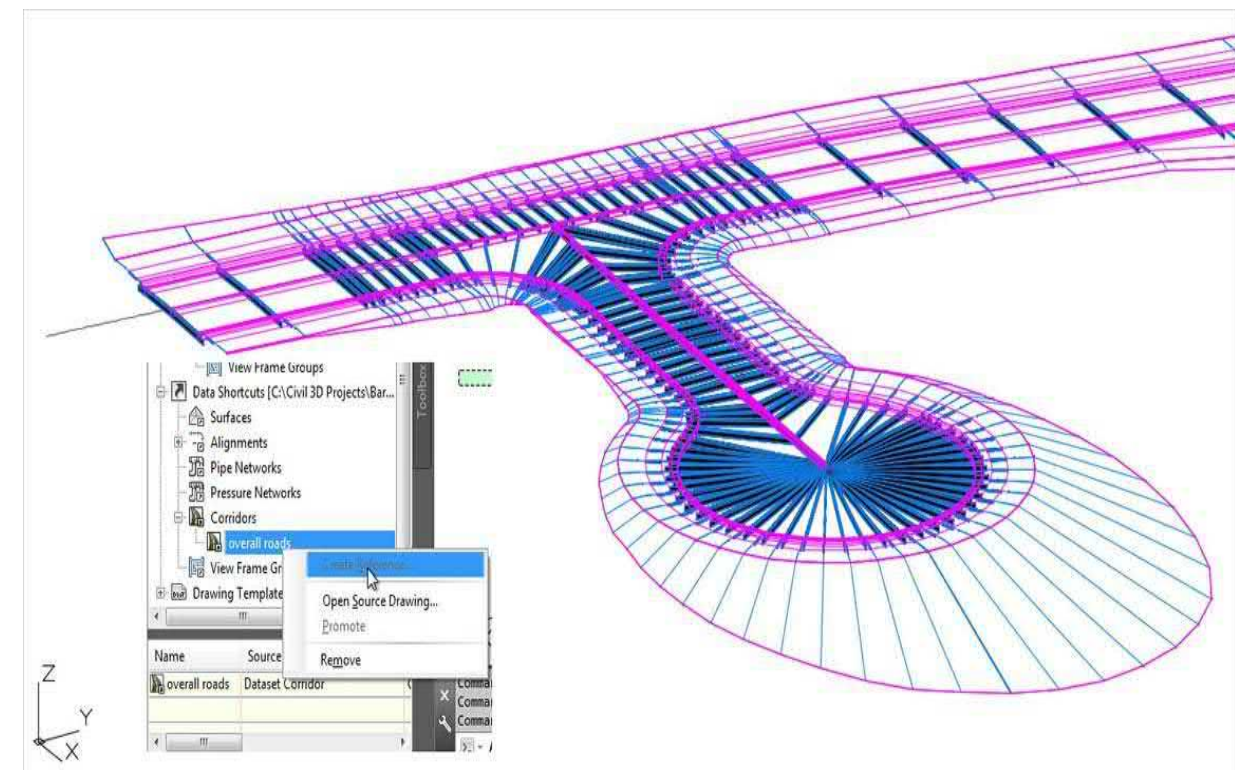
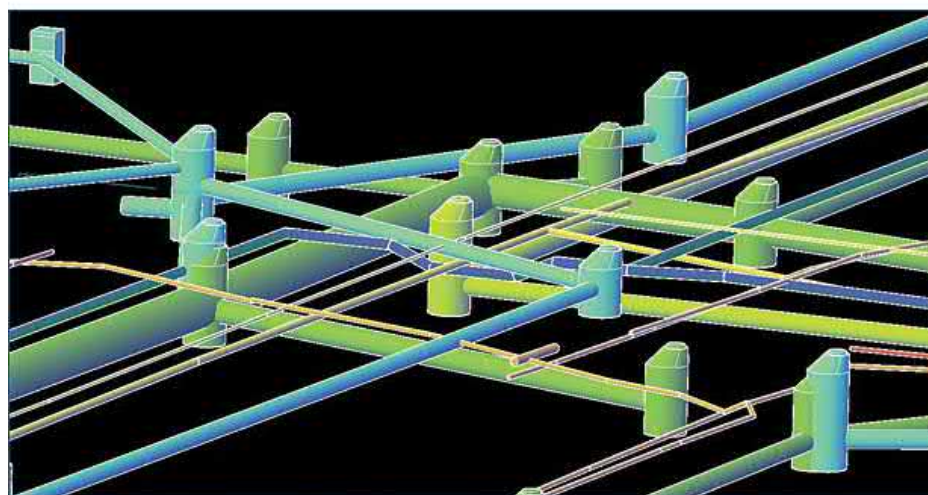
This Package Includes :

- ✓ Surfaces and Grading
- ✓ Corridor Modeling
- ✓ Earthwork Calculations
- ✓ Road and Highway Alignment and Design Layout
- ✓ Quantity Takeoff Analysis :
- ✓ Pipe Networks
- ✓ Multidiscipline Coordination
- ✓ Quantity Takeoff Analysis
- ✓ Vehicle Tracking Analysis

Our team of Civil 3D experts help you to deliver higher-quality transportation, land development, and environmental engineering projects faster. Their knowledge of software's purpose-built tools support building information modeling (BIM) processes and help reduce the time it takes to design, analyze, and implement changes.

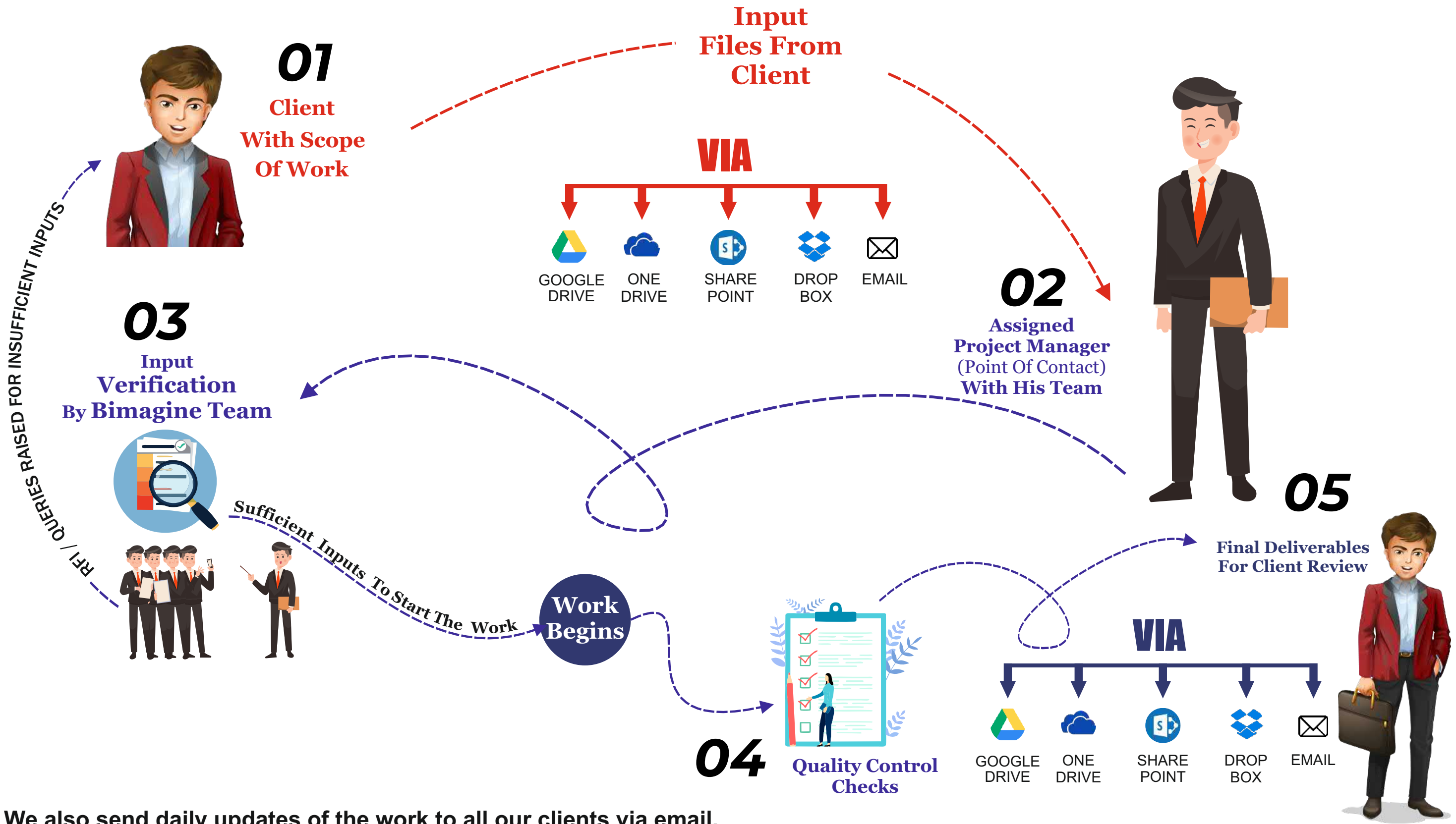
CD Set extracted from Civil 3D Includes :

- ✓ Title Sheet with Location
- ✓ Survey Drawing
- ✓ Demolition Plan
- ✓ Site Layout Plan
- ✓ Grading Plan
- ✓ Storm Water Drainage Plan and Profile
- ✓ Sewer Drainage Plan and Profile
- ✓ Utility Package Plan and Profile
- ✓ Storm Water Pollution Prevention Plan
- ✓ General Notes & Details Sheet.



How it Works

5 Step Process



Note : We also send daily updates of the work to all our clients via email.





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“ We would love to talk to you about any new projects you may have or any of our services you are interested in. ”



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