



**INTERNATIONAL CONSULTING  
& DESIGN SERVICES**

# STRUCTURAL DESIGN SUPPORT SERVICES

# About Us.

## Excellence in AEC Design Solutions

**Our Commitment to  
Excellence**

**Affordable & Reliable  
MEP Solutions**

**More Than Just Design  
We're Your Extended Team**

15+

Client Served Across Global Markets

500+

Professionally designed layout plans

1k+

Hours spent in thorough detailing

99%

Success in Delivering Customer

# THE BENEFIT OF ATA

Reduce deadline anxiety with 24-hour productivity.

Reduce expenses by hiring Ata at a reduced monthly rate with no overhead expenses to grow.

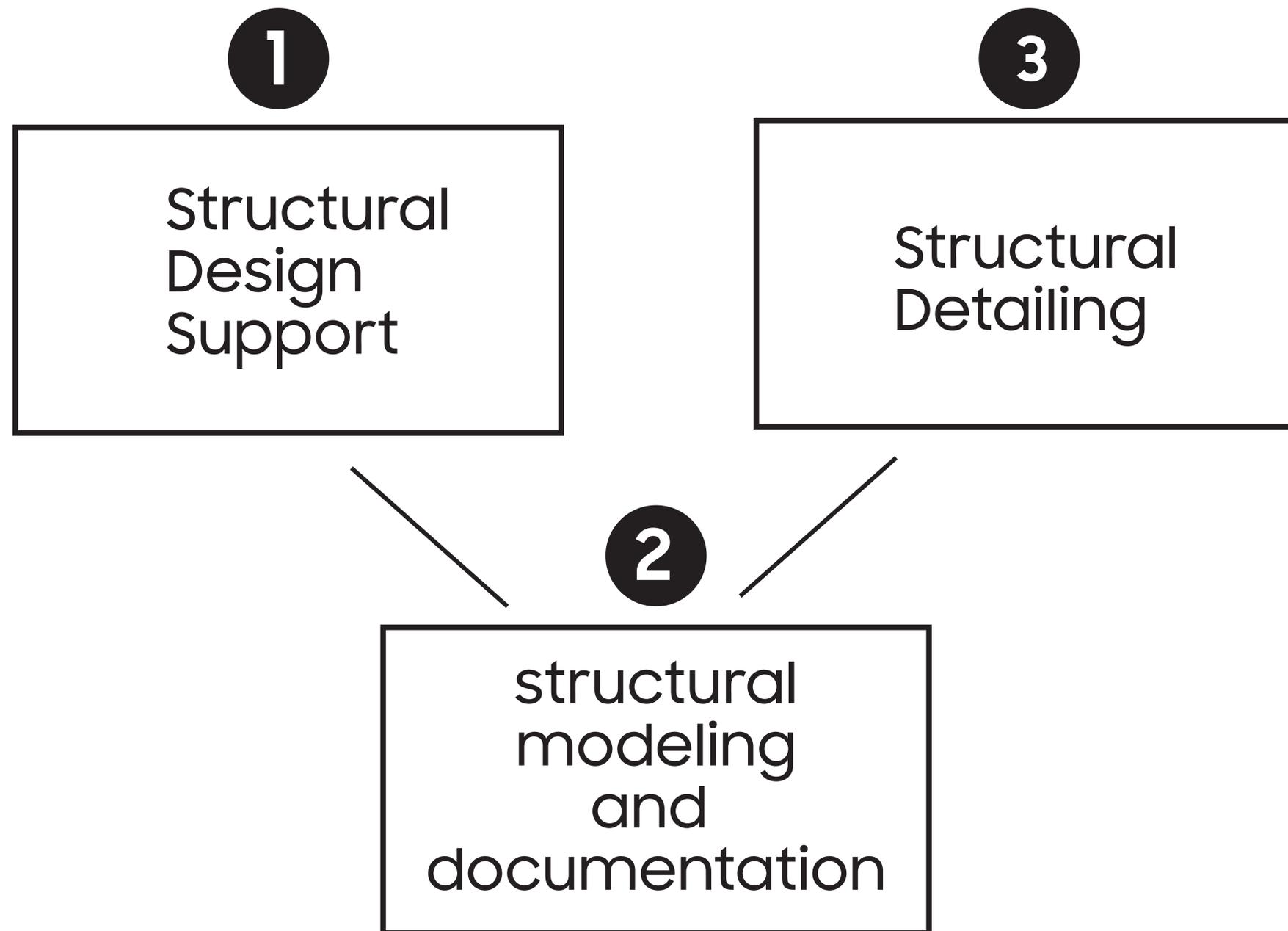
Utilize outstanding internal quality control and conformity to your standards to generate deliverables of superior quality.

With a committed production team, devote more time to business development and securing new projects.

## Our Team Is the First to Deliver Value:

From hiring professionals with engineering degrees from recognized universities to making sure every designer is certified in AutoCAD and REVIT and educating our staff on US standards and laws, our technical expertise continuously surpasses client expectations. We are also aware of how crucial communication is when working together under pressure. By employing people with outstanding communication skills in English and offering continuous training from a committed in-house English tutor, we make an investment in the professional growth of our staff.

# STRUCTURAL SUPPORT SERVICES



# STRUCTURAL DESIGN SUPPORT SERVICE

ATA's skilled structural engineers are ready to partner with your existing team, providing support across a wide range of services for any building type – from commercial and multi-family to high-rise, industrial, retail, or single-family projects.

## PRECAST SHOP DRAWINGS CAPABILITIES

Wall Panel Detail Drawings

Stairs Detailing Drawings

Embedment Detailing Drawings

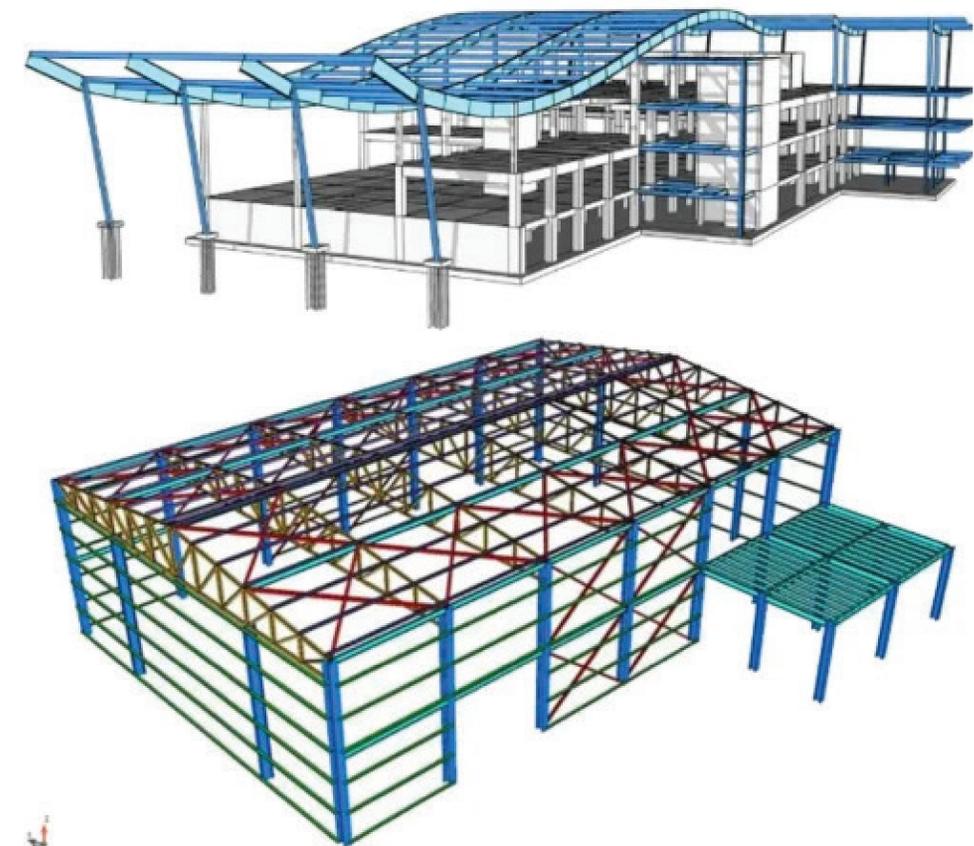
Lifting Leg Location Drawings

Beam & Column Detailing Drawings

Slab Detailing Drawings

Marketing Plans Drawings

Quantity Take-Offs



## WE ARE EXPERIENCED WITH A VARIETY OF STRUCTURAL DESIGN TYPES AND SOFTWARE

Reinforced Cement Concrete (RCC)

Precast Concrete

Structural Steel

Wood & Lumber

STAAD

RISA 3D

Tekla Tedds

Etabs

ACI Codes

UBC Codes

BS Codes

Concept Structural Design

Feasibility Study

Structural System Cost Comparison

Projects Vetting

Detailed Design & Detailing

Value Engineering

Structural Load Calculations

Foundation Design

Floor Design

Roof Structure Design

Structural Load Analysis



Our team works in close coordination with the client's team through BIM 360 to ensure the client's vision is realized.

# STRUCTURAL DETAILING SERVICES

Our team of structural engineers is dedicated to helping your firm transform into a highly productive, around-the-clock global business. We specialize in creating and delivering precise, detail-oriented 2D and 3D documents for projects of any scale.

## STRUCTURAL STEEL SHOP DRAWING SERVICES

General Arrangement Drawings (GADs)

Erection Drawings

Anchor Bolt Plan Drawings

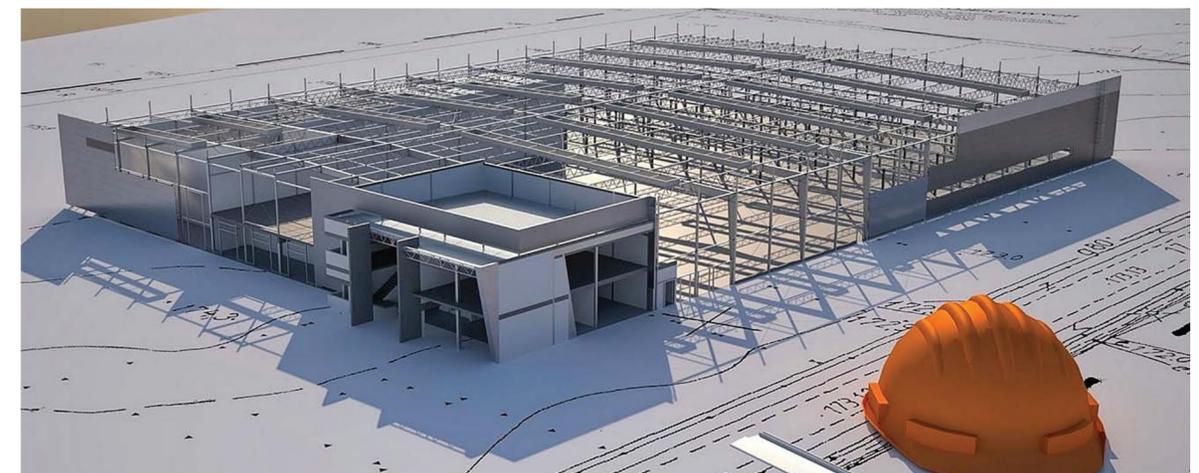
Steel Trusses Drawings

Joists & Purlins Drawings

Connection Drawings

Part & Assembly Drawings

Bill Of Quantities (BoQ)



# STRUCTURAL MODELING SERVICES

WE ARE ABLE TO WORK WITH THE FOLLOWING  
STANDARDS & IN THE FOLLOWING SOFTWARE

American Institute Of Steel Construction (AISC)  
Research Council On Structural Connections (RCSC)  
Code Of Standard Practice For Structural Steel (CISC)  
American Society For Testing And Materials Standards (ASTM)  
British Standards (BS)  
American Concrete Institute (ACI)  
Australian Standards  
The Concrete Reinforcing Steel Institute Standards (CRSI)  
Autodesk AutoCAD  
Autodesk Revit  
Advance Steel  
Tekla Structures

WE PROVIDE THE FOLLOWING MODELING SERVICES

Concrete Modeling  
Steel Modeling  
Reinforcement Modeling  
Wood & Lumber Frame Modeling  
Structural Framing Modeling  
Reinforced Concrete Modeling  
Steel Framing Modeling  
As-Built Modeling  
In-Fill Area Modeling  
Precast Modeling  
Connection Modeling  
Wooden Framing Modeling  
Parametric Modeling  
Non-Parametric Modeling

**CONTACT US TODAY!**

to learn more about how we can help you achieve your engineering goals!

# READY TO GET STARTED?

**CONTACT US TODAY!**



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Architectural Design  
Support

MEP Design Support

Structural Design  
Support

Civil/ Survey  
Design Support

3rd Party QC

Virtual Admin Services

Home Design  
Modifications

BIM / Clash  
Detection Services