RAFTHOUZZ

WHERE PRECISION BUILDS PERFORMANCE

SHOP DRAWINGS
BIM | AutoCAD | REVIT
TECHNICAL DETAILING

ROOFING + METAL PANELS
BUILDING ENVELOPE
SPECIALTY DETAILS

ATLANTA - GEORGIA



SHOP DRAWINGS

Technical detailing for roofing, metal panels and building envelope projects.

DETAILED.
Built to specification.

ACCURATE.
Minimizing risk.

BUILDABLE.
Supporting real construction.

YOUR DETAILING PARTNER

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TECHNICAL DETAILING
AUTOCAD | BIM | REVIT

WHAT WE DO

Specialized drafting and technical detailing for metal roofing, wall and ceiling systems — from concept to construction.

OUR PROCESS

01 UNDERSTAND

Review requirements, drawings and specifications to align scope, standards and project goals.

02 DEVELOP

Create shop drawings, layouts, elevations and technical details using AutoCAD and Revit/BIM.

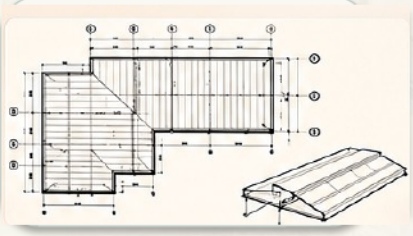
03 COORDINATE

Resolve dimensions, interfaces and constructability with design, engineering and fabrication teams.

04 DELIVER

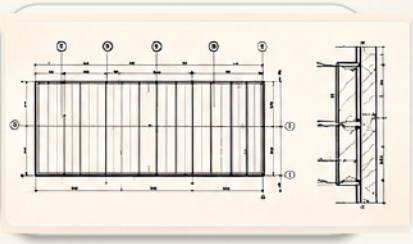
Provide organized, review-ready and fabrication-ready documentation for field use.

OUR DELIVERABLES



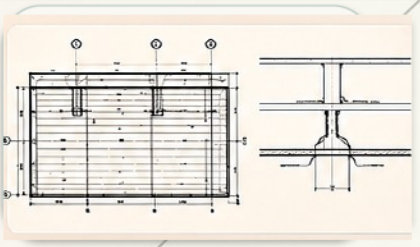
METAL ROOFING

Shop drawings · Roof plans · Elevations
Fabrication details · Installation details



METAL WALL + PANELS

Panel layouts · Wall elevations
Coordination · Fabrication · Installation



METAL CEILINGS

Ceiling plans (RCP) · Layout + framing
Detail drawings · Fabrication · Installation

FROM REQUIREMENTS TO CONSTRUCTION-READY DRAWINGS.

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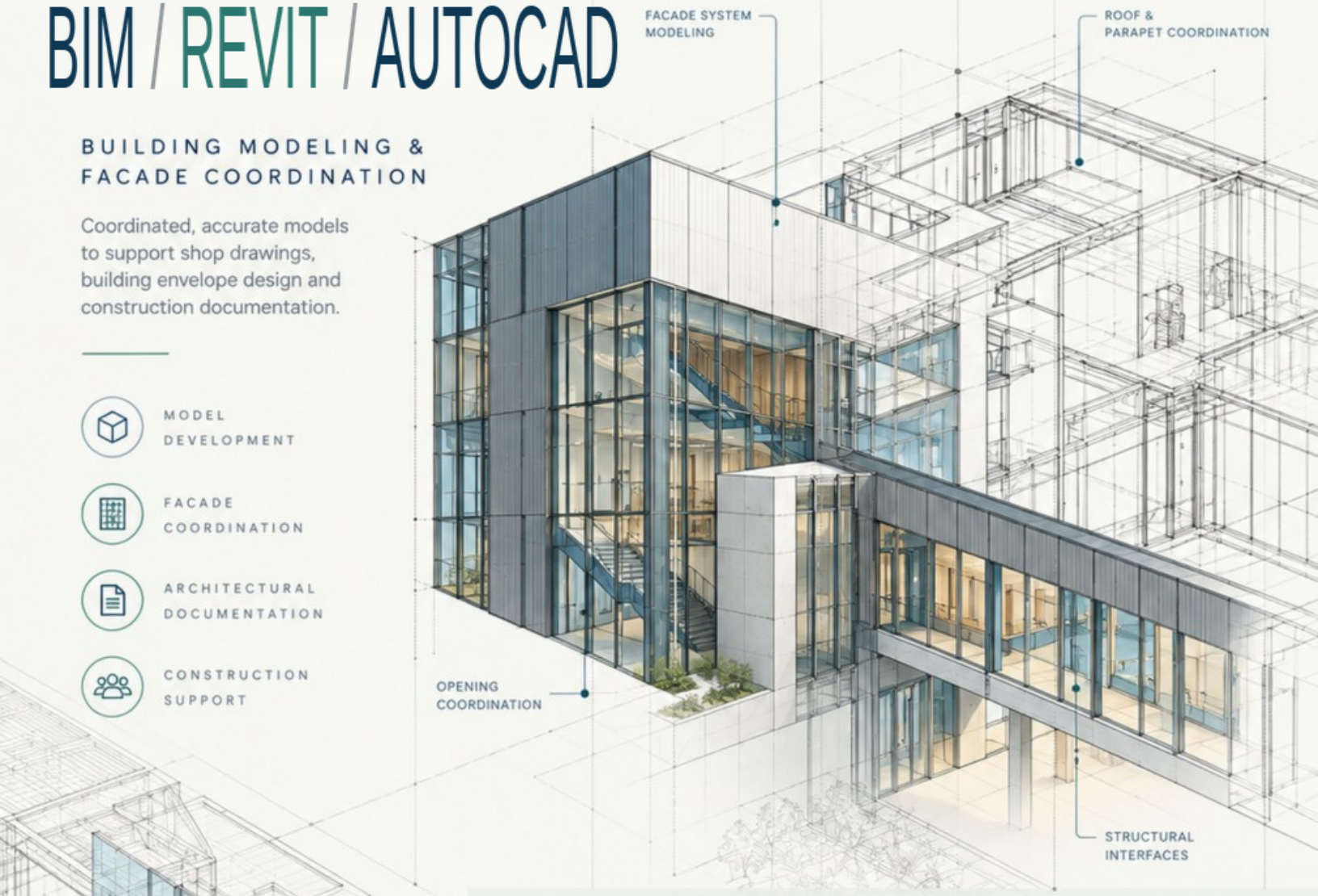
SHOP DRAWINGS
TECHNICAL DETAILING
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BIM / REVIT / AUTOCAD

BUILDING MODELING & FACADE COORDINATION

Coordinated, accurate models to support shop drawings, building envelope design and construction documentation.

- MODEL DEVELOPMENT
- FACADE COORDINATION
- ARCHITECTURAL DOCUMENTATION
- CONSTRUCTION SUPPORT

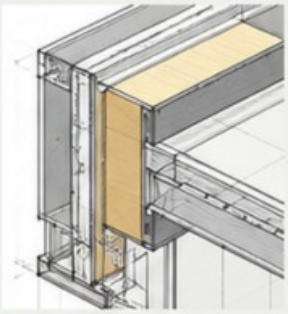




OVERALL MODEL
Coordinated building masses, facade grids and key architectural elements.



FACADE DETAIL
Window systems, panel interfaces and envelope coordination.



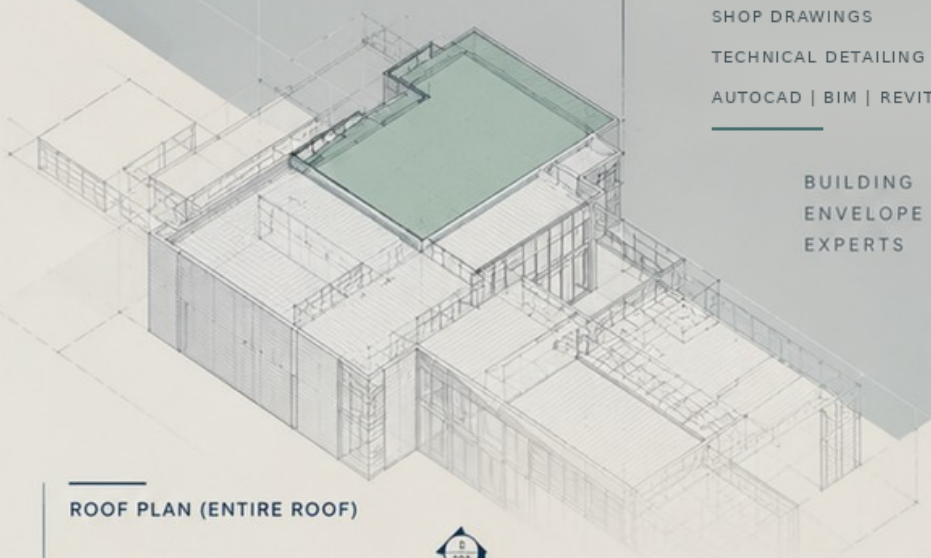
BUILDING ENVELOPE
Integrated model supporting shop drawings and installation.

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BUILDING ENVELOPE EXPERTS



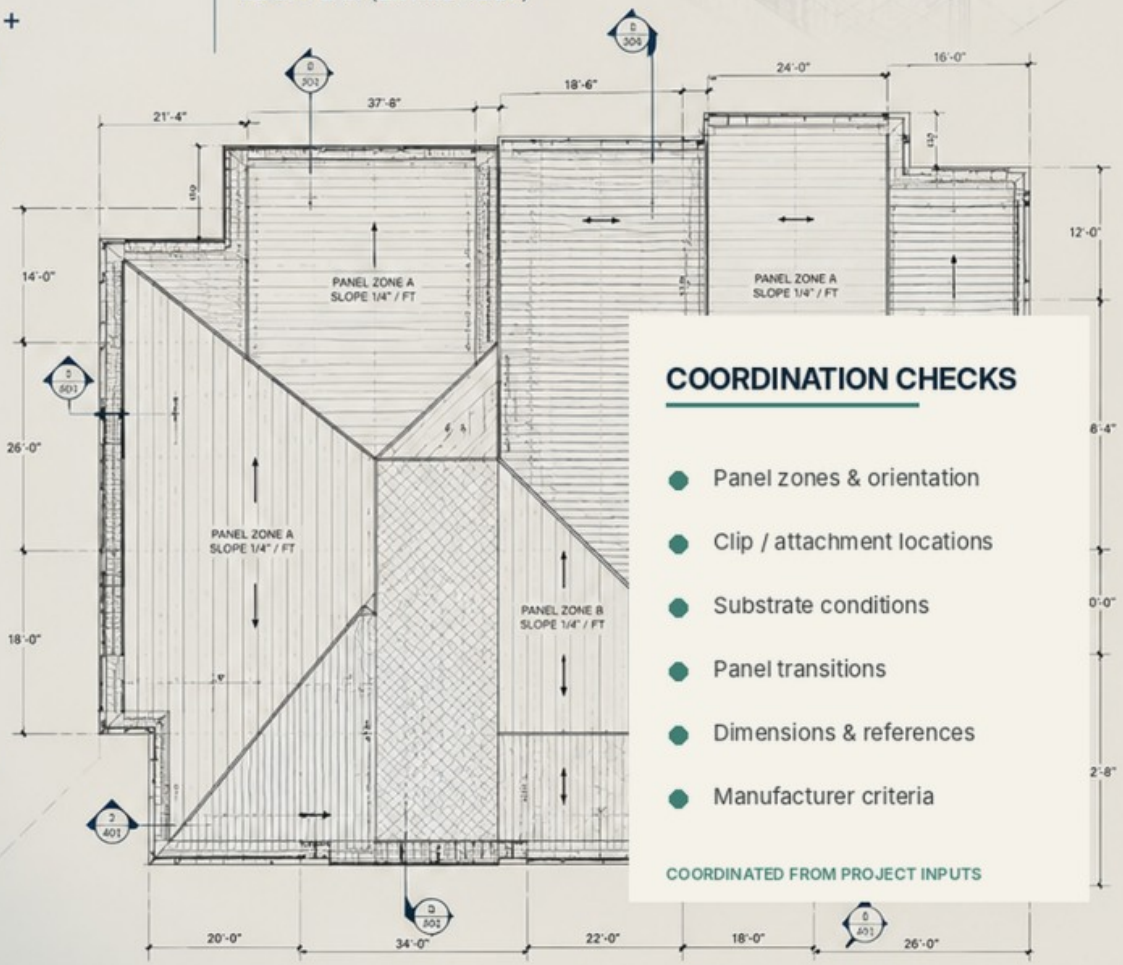
METAL ROOFING

PANEL LAYOUT + COORDINATION

Detailed roof system drawings with panel layout, attachment zones, and coordination details for accurate fabrication and installation.

- ROOF GEOMETRY & SLOPES
- PANEL ZONES & ORIENTATION
- DETAIL CALL-OUTS & SECTIONS
- COORDINATION WITH ARCHITECTURAL & STRUCTURAL

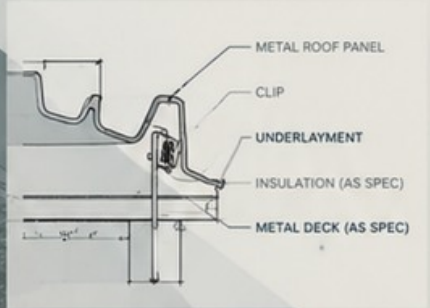
ROOF PLAN (ENTIRE ROOF)

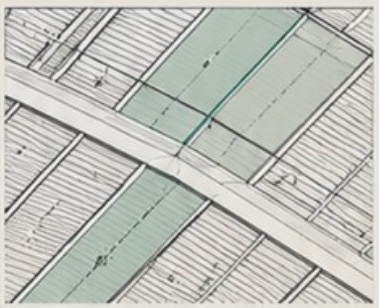


COORDINATION CHECKS

- Panel zones & orientation
- Clip / attachment locations
- Substrate conditions
- Panel transitions
- Dimensions & references
- Manufacturer criteria

COORDINATED FROM PROJECT INPUTS





KEY INFORMATION

Panel Type	Metal Roofing System
Panel Zones	A / B / C (as shown)
Slope	1/4" per ft (varies)
Attachment	Concealed Clip System
Reference	See Detail 3 / 401

TYP ns

SELECTED FROM ACTUAL SHOP-DRAWING WORK

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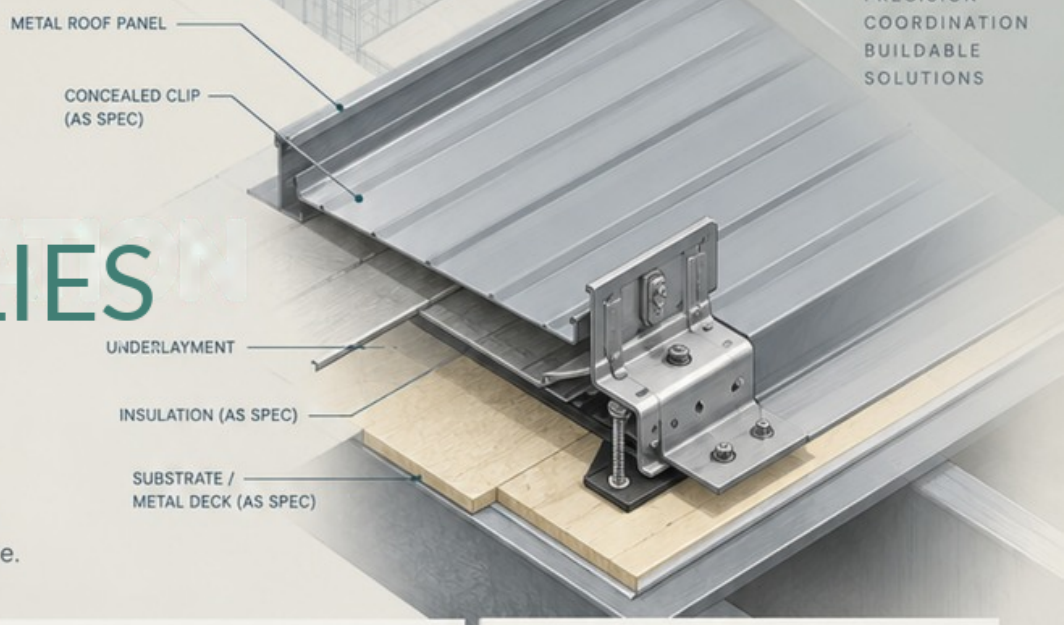
SHOP DRAWINGS
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PRECISION
COORDINATION
BUILDABLE
SOLUTIONS

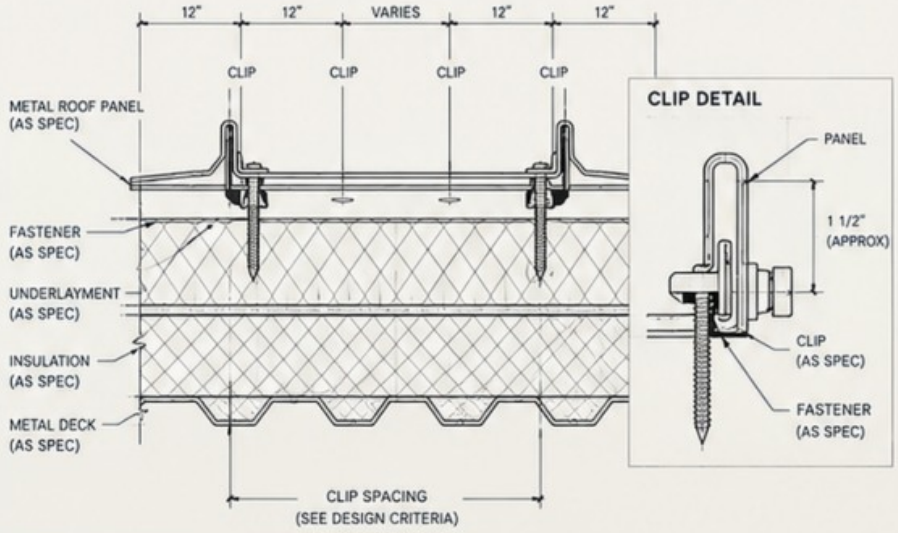
PANEL ASSEMBLIES

CLIP FIXING + DESIGN CRITERIA

Detailed coordination of panel layout, clip spacing, substrate requirements, and design criteria to ensure accurate fabrication, installation and performance.



TYPICAL CLIP SPACING DETAIL
(STANDING SEAM METAL ROOF SYSTEM)



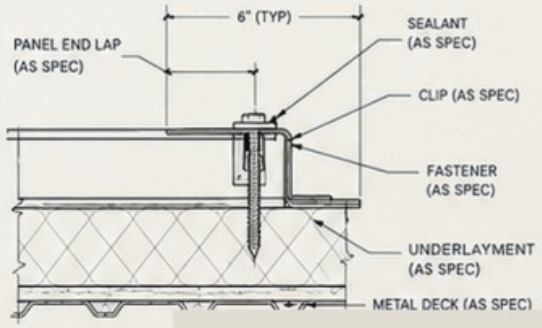
PANEL LENGTH & SUBSTRATE SCHEDULE

PANEL TYPE	MAX LENGTH (FT)	SUBSTRATE	NOTES
SSR Panel	45'	Metal Deck	Concealed Clip
FW Panel	40'	Plywood	Concealed Clip
BR Panel	40'	Metal Deck	Concealed Clip
HR Panel	35'	Plywood	Concealed Clip
CF Panel	30'	Metal Deck	Concealed Clip

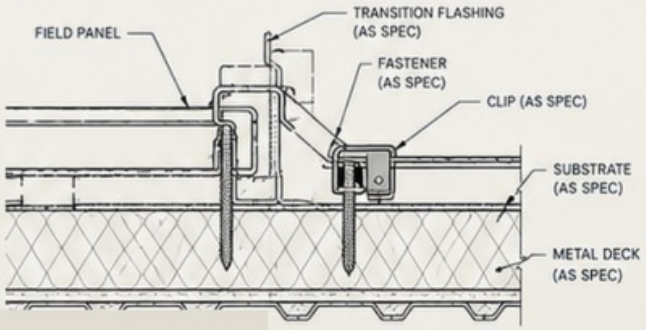
NOTES:

1. Panel lengths are based on manufacturer specifications.
2. Substrate to be confirmed per project and wind load requirements.
3. Clip spacing and fastener type per design criteria and engineered drawings.
4. Refer to complete shop drawings for additional details.

PANEL END LAP DETAIL



PANEL TRANSITION DETAIL



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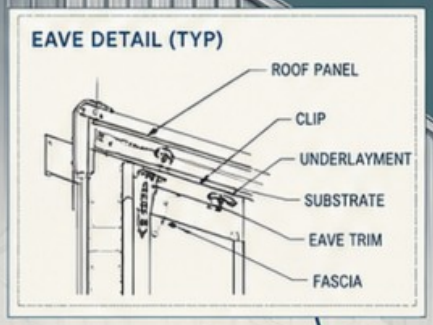
BUILDING ELEVATIONS

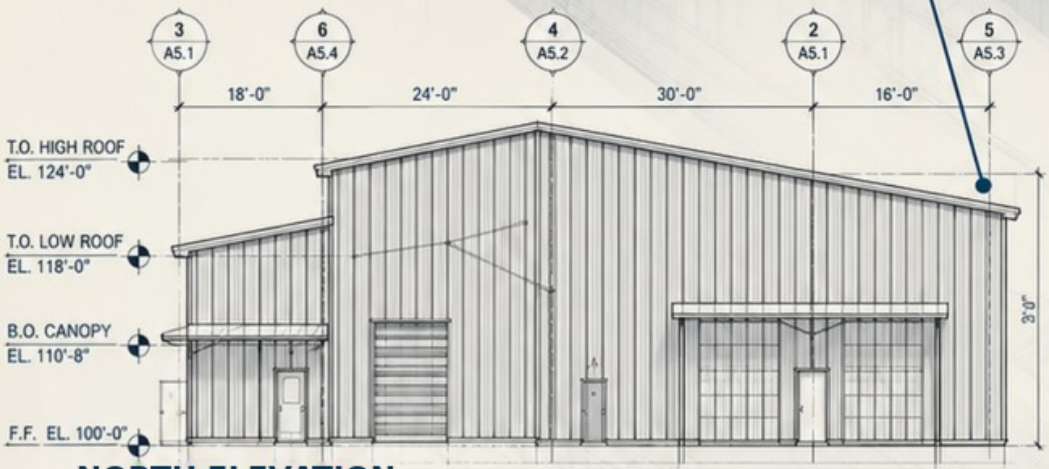
COORDINATED PANEL LAYOUTS, DIMENSIONS & DETAIL REFERENCES

Our elevation drawings translate the roof plan and details into clear panel layouts, dimensions and installation references — helping ensure accurate fabrication and field installation.

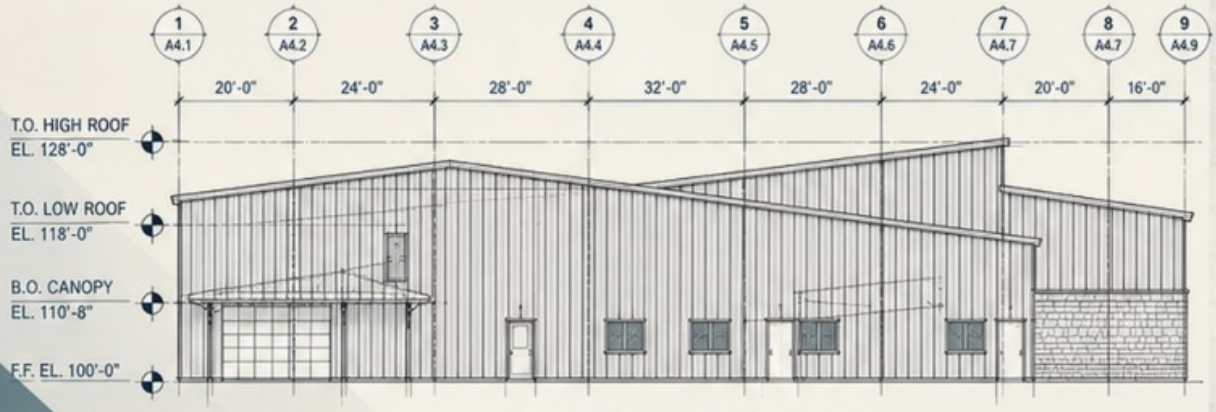
ELEVATION INCLUDES

- Panel layout and direction
- Key dimensions and heights
- Detail and section references
- Roof slopes and transitions
- Openings and interfaces
- Coordination with plan views





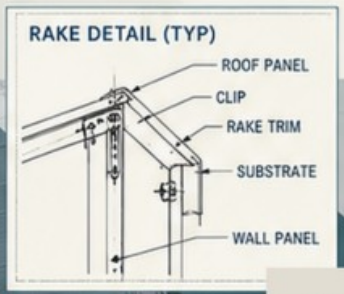
NORTH ELEVATION



WEST ELEVATION

KEY COORDINATION ELEMENTS

1. Elevations align with roof plan and panel layout.
2. Dimensions, slopes and heights clearly indicated.
3. Detail references for eaves, ridges and transitions.
4. Supports accurate fabrication and field installation.



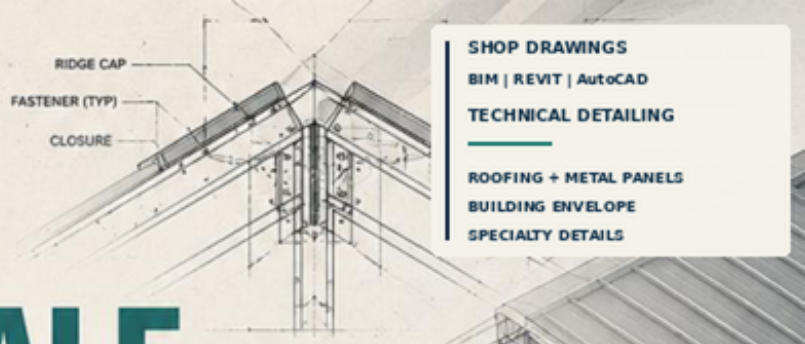
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BUILDING ENVELOPE
SPECIALTY DETAILS

PEOPLE | PROCESS | CAPACITY | YOUR SUCCESS

BUILT TO SCALE

OFFSHORE PRODUCTION. U.S.-FACING COORDINATION.

Our offshore-based production team gives you access to a skilled, scalable drafting workforce — while you work with one accountable, U.S.-facing partner. Whether you need support for a single project or ongoing volume, DraftHouzz can scale around your workload.

SAME STANDARDS. GREATER POSSIBILITIES.

20+
PRODUCTION PROFESSIONALS
Experienced drafters focused on AEC

AEC
SPECIALIZED
Roofing • Metal Panels
Building Envelope
Shop Drawings

AutoCAD / BIM / REVIT
CAPABILITY
2D Drafting +
3D Modeling Support

QUALITY FOCUSED
Internal QA process for accurate, review-ready deliverables

HOW WE SCALE WITH YOU

FLEXIBLE SUPPORT | CONSISTENT QUALITY | LONG-TERM PARTNERSHIP

01
START WITH YOUR NEED
Single project or specific scope

02
ADD CAPACITY AS NEEDED
Dedicated drafting support for your team

03
REPEAT AND OPTIMIZE
Refine workflows and increase volume

04
EXPAND FOR LONG-TERM
Scale across multiple projects and product lines

OUR OPERATING MODEL

ONE PARTNER. A SCALABLE TEAM BEHIND IT.

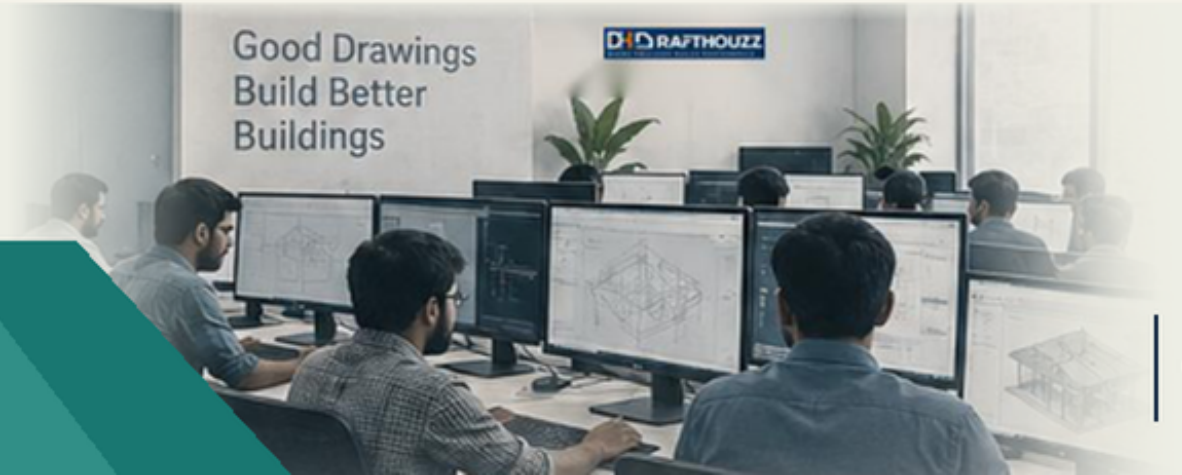
CLIENT
YOU
Project requirements and communication

ACCOUNTABLE PM
U.S.-FACING PARTNER
Client coordination + project oversight

OFFSHORE
PRODUCTION TEAM
Scalable drafting capacity aligned to workload

INTERNAL QA
Drawings checked for accuracy and completeness

CLIENT / ARCHITECT
REVIEW + APPROVAL
Final review, comments and approval



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LET'S WORK TOGETHER

BRING US YOUR NEXT PROJECT.

We'll turn your plans, specifications and design intent into coordinated shop drawings and BIM deliverables.

ADD CAPACITY WITHOUT ADDING ANOTHER VENDOR.

- RELIABLE DELIVERY
- SCALABLE CAPACITY
- COST-EFFICIENT OPERATIONS
- A TRUE PARTNER



LET'S TALK ABOUT YOUR NEXT PROJECT

INFO@DRAFTHOUZZ.COM

DRAFTHOUZZ.COM

SCAN TO VISIT

DETAILED.
ACCURATE.
BUILDABLE.