



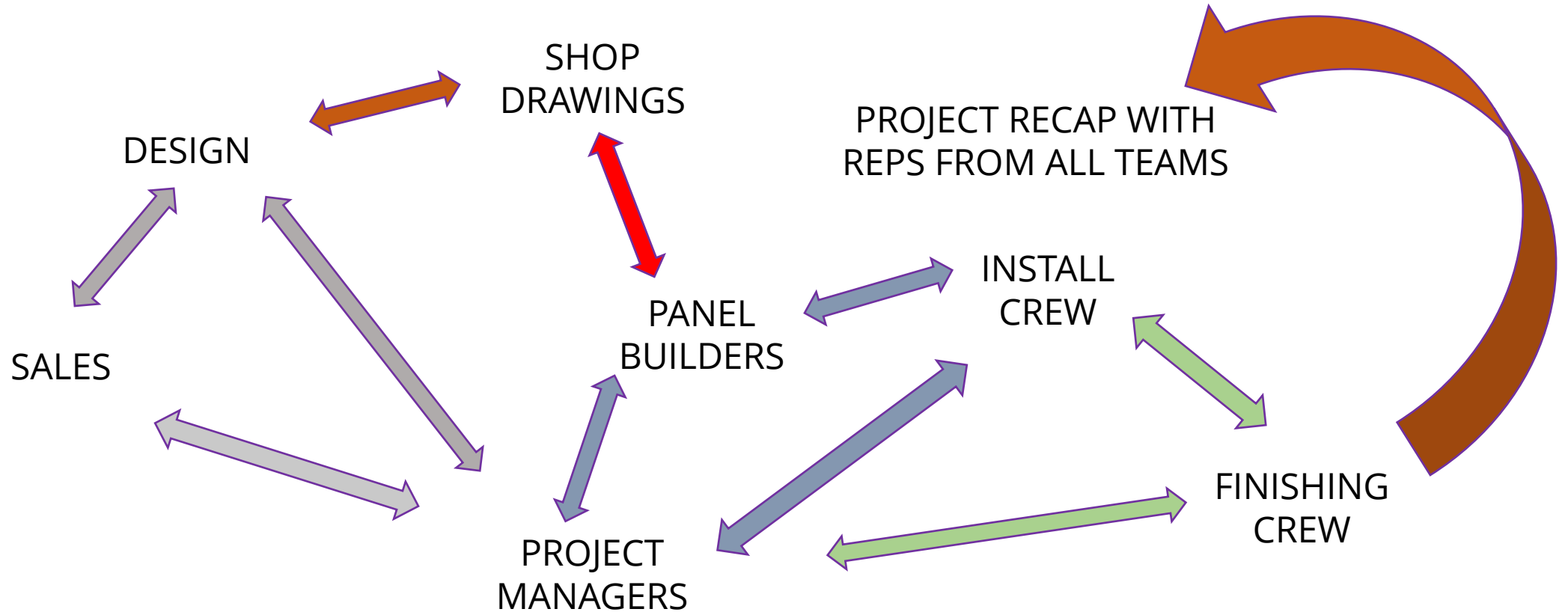
OFF-SITE BUILT | PASSIVE HOUSE STRATEGIES

INTRODUCTION | EVOLUTION THROUGH PROJECTS | DEEP DIVE | **HOW TO - PROJECT ROADMAP** | QUESTIONS

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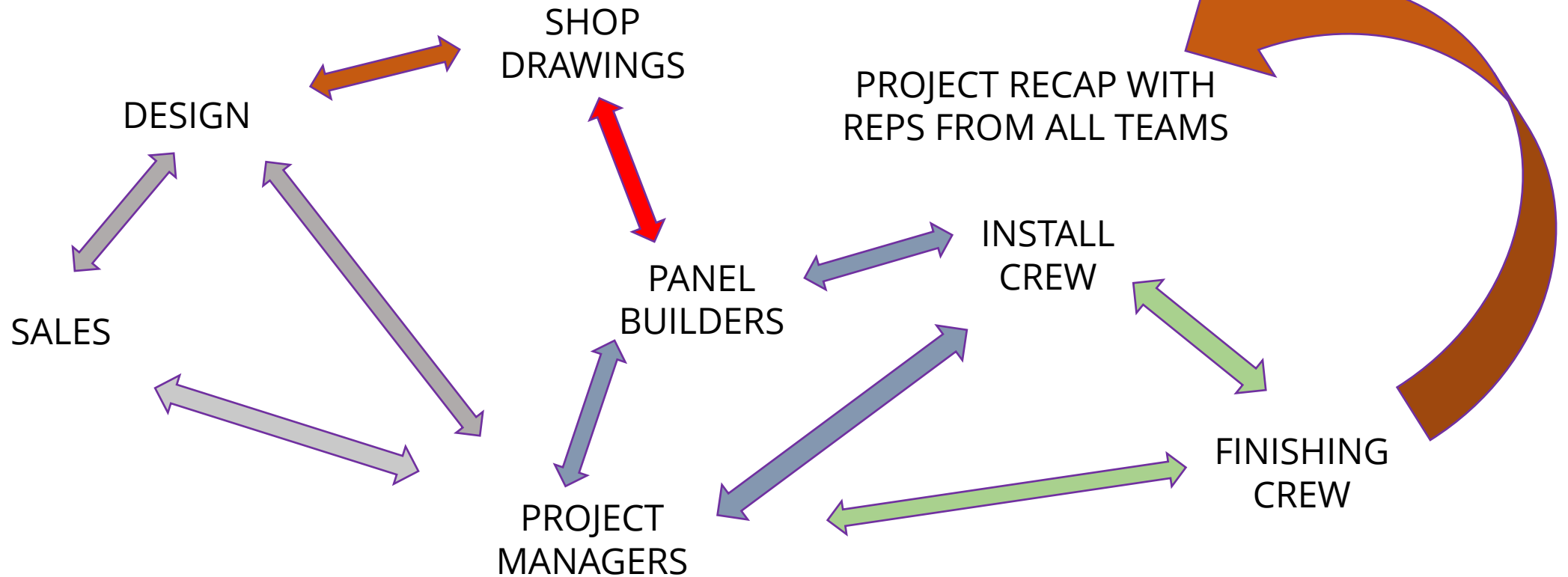
WHOLE COMPANY COLLABORATION



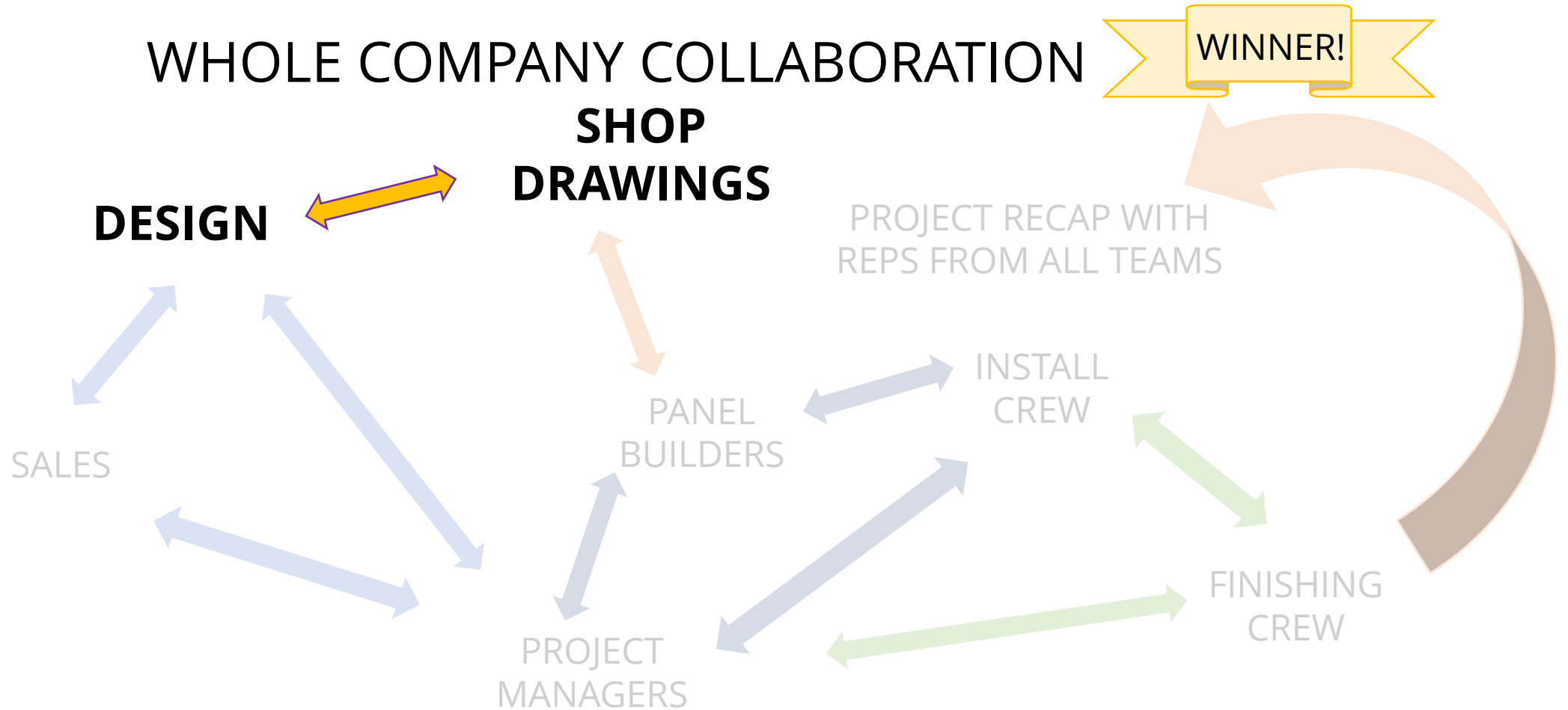
BETTER INFORMATION TO PANELIZE **BETTER** HOMES

WHOLE COMPANY COLLABORATION

WINNER!



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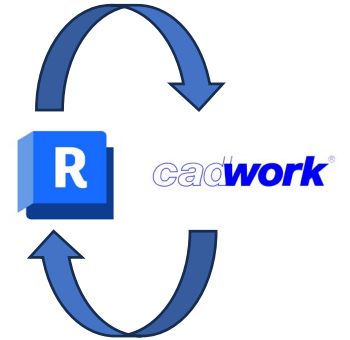


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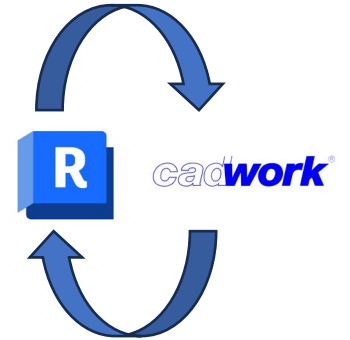
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CONTINUOUS COLLABORATION BETWEEN DESIGN TEAM AND SHOP DRAWINGS TEAM



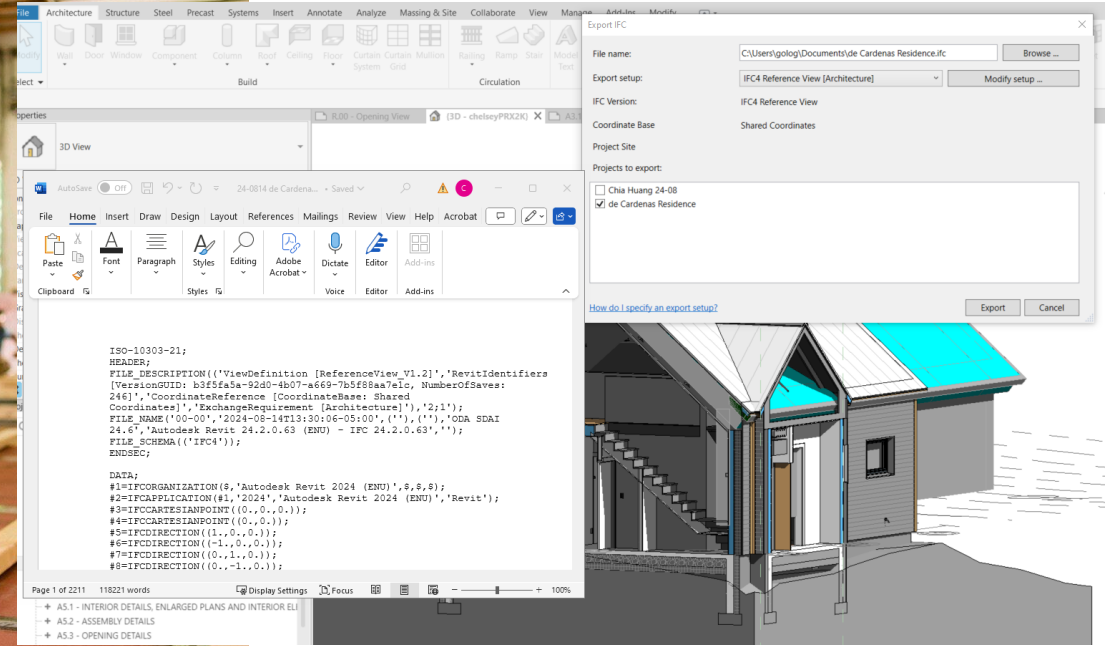
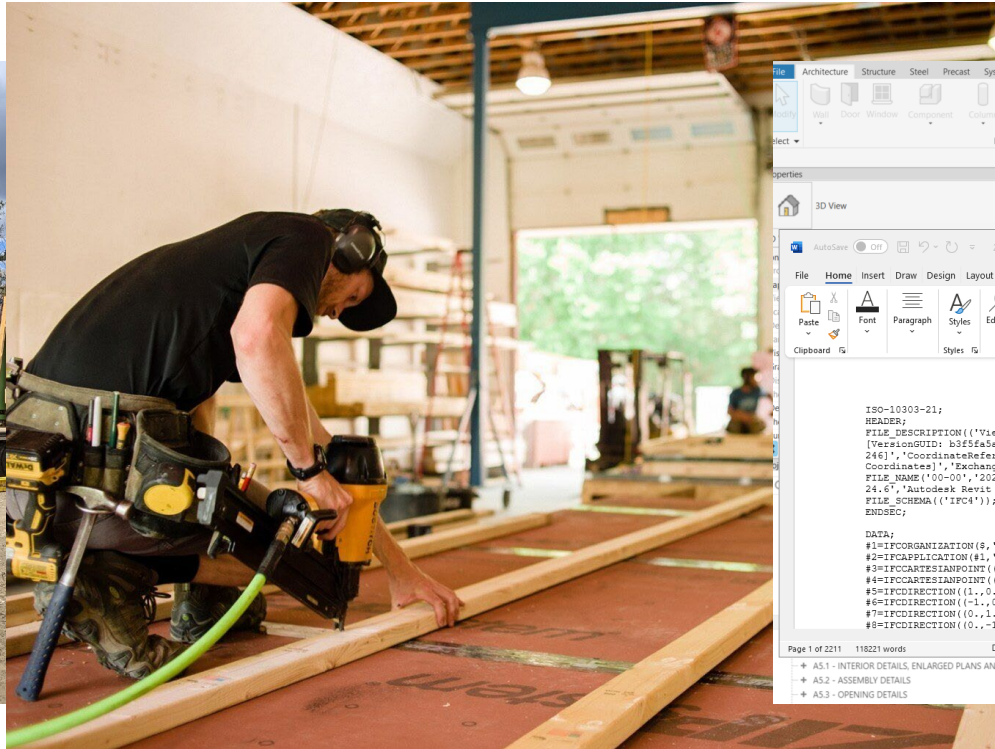
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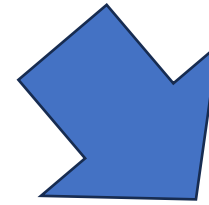




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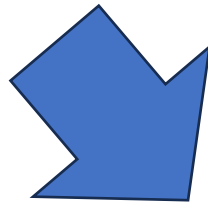
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DESIGN ROUTES



PRE-DESIGNED HOME

CUSTOM HOME



AS PREVIOUSLY BUILT

WITH CUSTOMIZATIONS



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Hope, Maine
2024 - 2025

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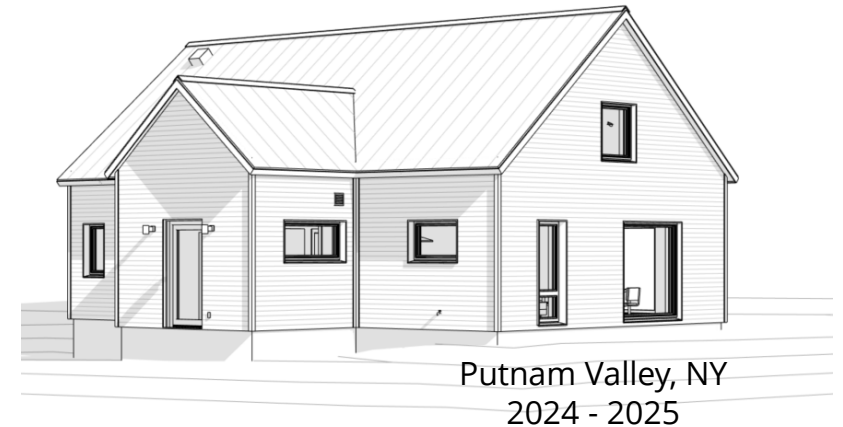
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BROOKSVILLE, ME
2024- 2025

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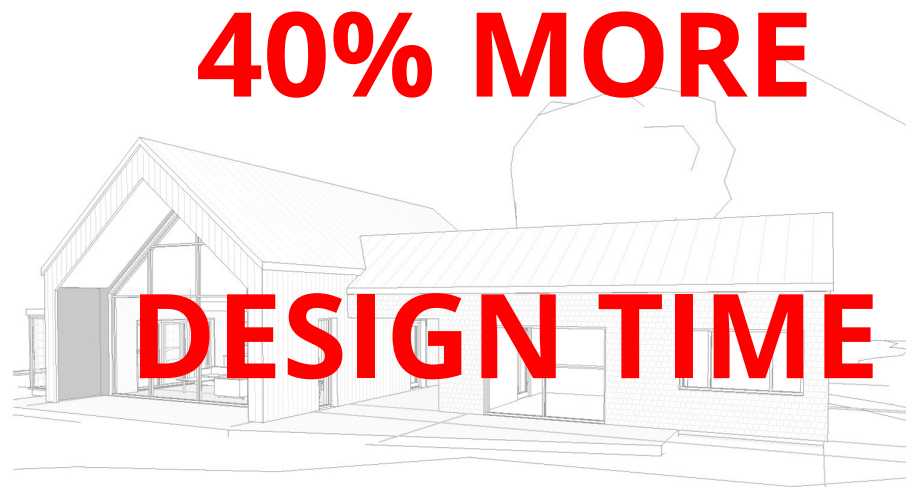
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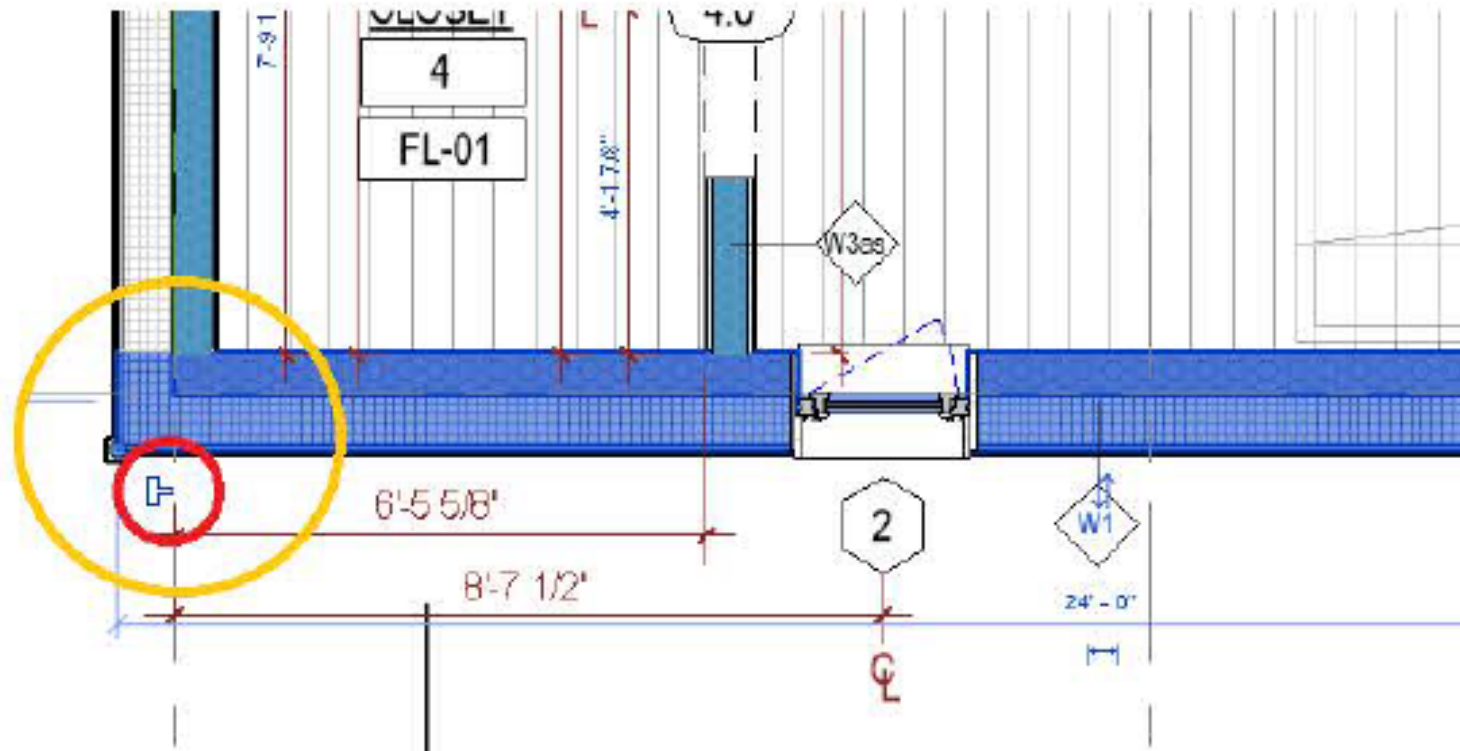
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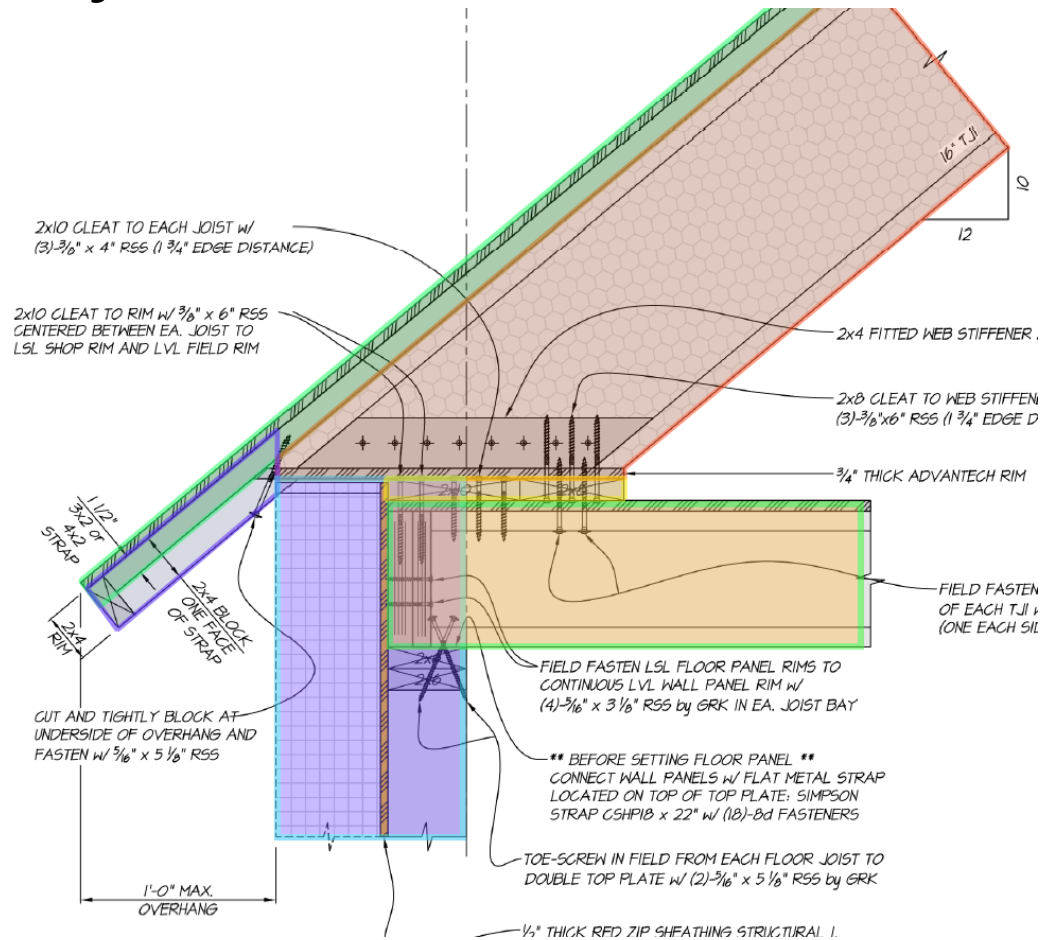


PER SQUARE FOOT

ADJUSTMENTS TO REVIT WORKFLOW



ADJUSTMENTS TO REVIT WORKFLOW



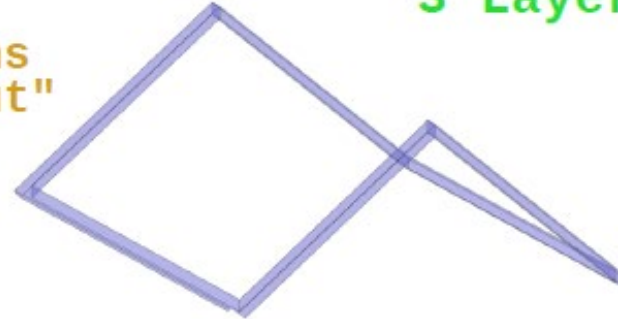
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3 Layer System

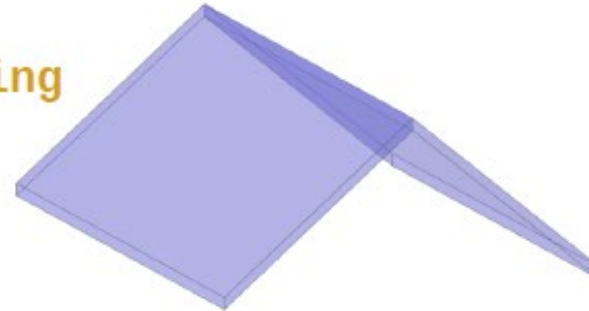
Rafter Projections "Doughnut"

Encapsulates all rafter component that project beyond the inside/back of strapping layer along eave lines + the inside face of framing along the rake / gable ends of the house



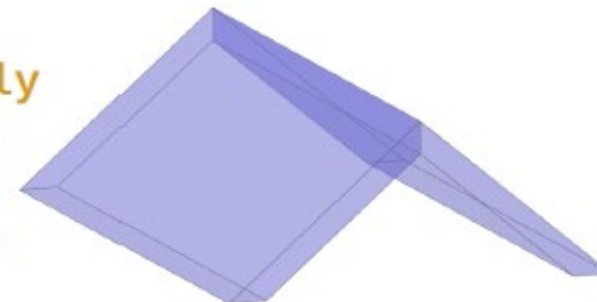
Sheathing + Strapping

This layer encapsulates the Roof Sheathing and the 1.5" Strapping that is on the back of the Rafters. It's the only layer that covers the entire surface area of the roof.



Rafter Assembly

The goal of this layer is to capture the extent of the Structural Rafter geometry. If the Structural set calls for a 16" TJI, this layer would be that full thickness. This layer is located along the centerline of the building in accordance w/ the SPRING POINT. A plumb line can be created along the inside face of the exterior Wall Strapping.



PANELIZATION OPTIMIZATION

THROUGH THE LENS OF DESIGN

1. STANDARDIZATION OF DETAILS
2. REPEATED DESIGNS
3. IS REVIT THE BEST SOFTWARE?
4. IS SINGLE FAMILY RESIDENTIAL MAKING THE BIGGEST IMPACT?
5. CLIENT EDUCATION
6. INDUSTRY EDUCATION



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