

G2T™ HIGH STRENGTH WOOD OPEN WEB TRUSS



PRODUCT INFORMATION GUIDE

BONUS: MANUFACTURING NOW ADDED IN TEXAS!

DONT MISS: SOLVING FOR CURRENT STEEL BAR JOIST BRIDGE-OUT!

G2T™ HIGH STRENGTH WOOD OPEN WEB TRUSS



STRONG: Exceeds the capacities of standard commodity prefabricated wood trusses



SIMPLE: Utilizes standard wood framing details



SUSTAINABLE: Engineered Lumber as primary subcomponents

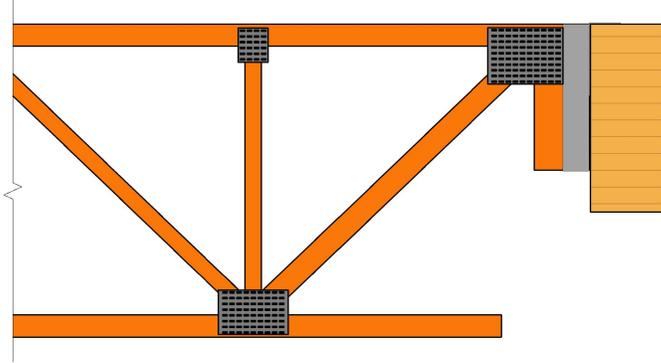


STEEL-TO-WOOD: A solution for steel bar joist bridge-out

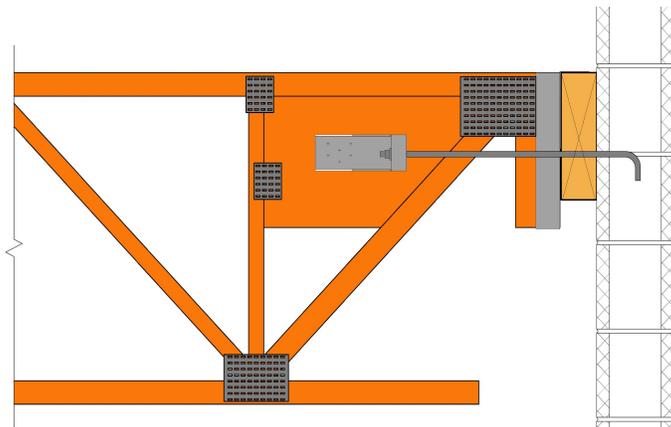


SUPPORTED: Full design support including complete submittals for permitting

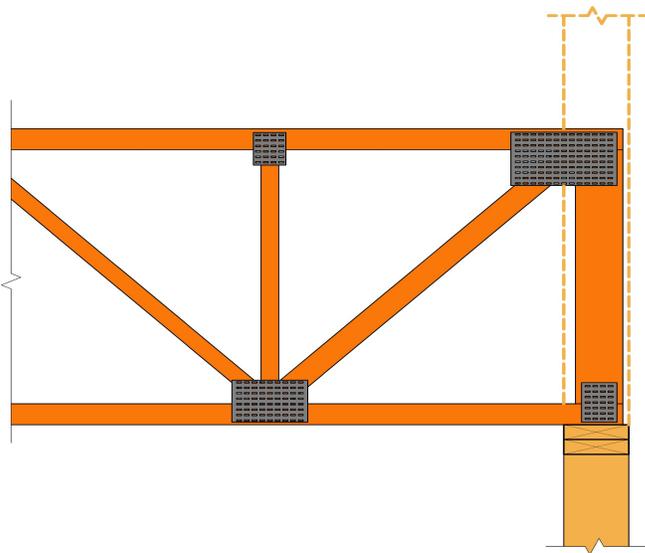
STRONG



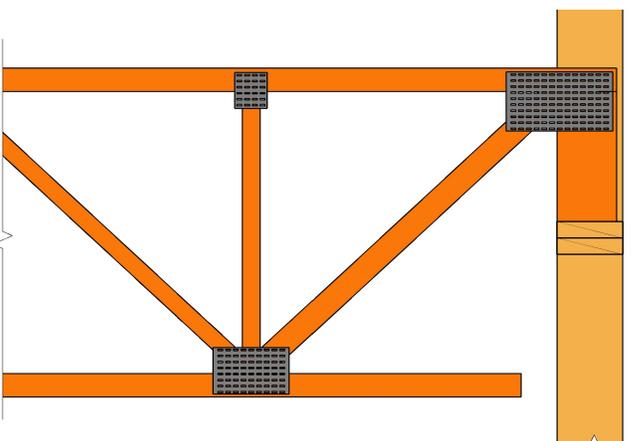
- 3.5" MONOLITHIC CHORDS



- HIGH LOAD AXIAL INTEGRATION



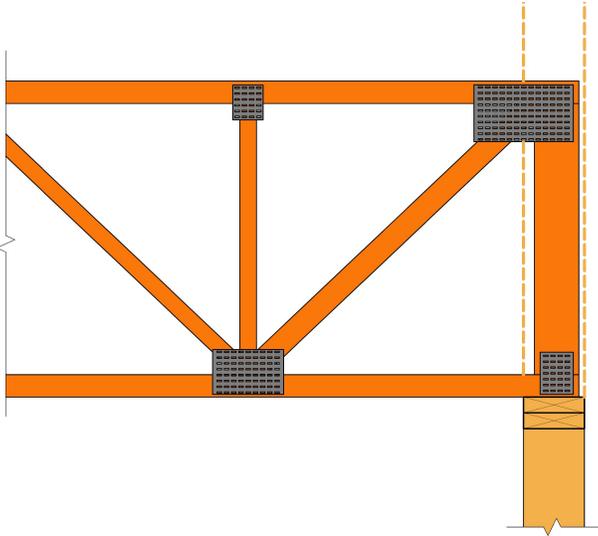
- 3.5" x 3.5" PARAPET ANCHOR



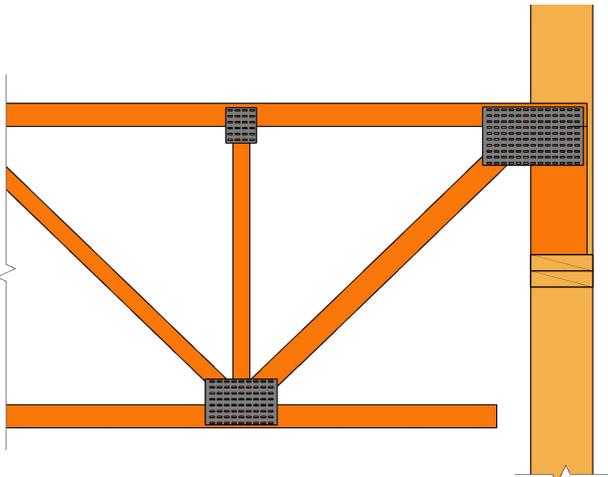
- POCKET FRAME FOR BALLOON WALL

SIMPLE

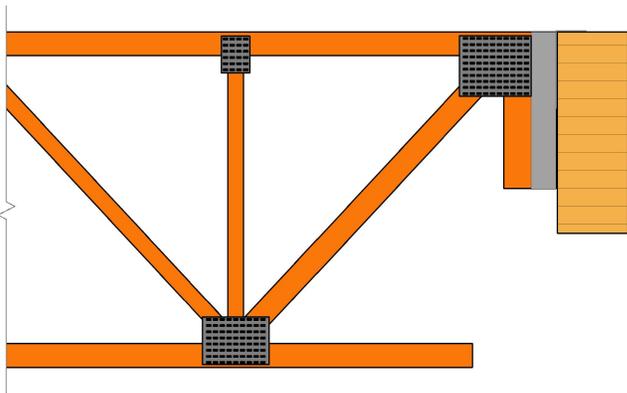
- BOTTOM CHORD BEARING



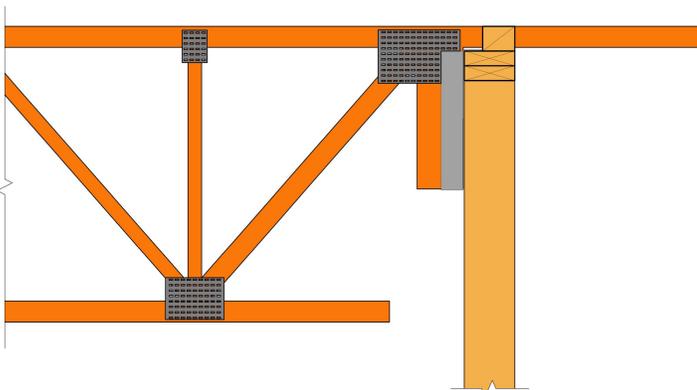
- POCKET FRAMED BEARING



- FLUSH BEARING



- TOP CHORD EXTENSION



SUSTAINABLE



- **BEST SYSTEM PROGRESSION** - commitment to providing customers with efficient system designs, maximizing strength while minimizing material.

WOOD SYSTEM PROGRESSION

- Stock I-Joist (up to 16" Depth)
 - System-42 Truss
 - G2T™ Open-Web Truss
- **SOURCING** - G2 sources most major components from sustainable material suppliers. Roseburg Forest Products, a prime supplier to G2 Metalworks, provides an Environmental Product Declaration (EPD) for its LVL.



- **SYSTEM FOCUS** - A single G2 Metalworks plant is capable of manufacturing Trusses, Plywood Edge Blocks, Truss Hangers, Panelized Roof Hangers and Purlin Braces. A complete roof system focus provides greater logistic efficiencies.

STEEL-TO-WOOD CONVERSION



COMPONENTS

- **G2T™** - Commercial Truss,
 - Standard Spans up to 66'
- **WOOD DIAPHRAGM**
 - Plywood/OSB Decking
 - Plywood Edge Blocks
 - Sub-Purlins (for Panelized Roof Systems)
- **CONNECTORS**
 - G2T™ High Strength Hanger
 - HDs
- **4x LEDGERS & NAILERS**



DOLLARS & SENSE

- **BUDGETING AVAILABLE** - For a Complete Wood Structural Roof Package
- **STRUCTURAL ANALYSIS & DETAILING** - Approx. \$1000 (Confirm w/EOR)
- **ROOF SYSTEM INSTALLATION** - Approx. \$3-4/SQFT (Confirm w/Builder)
- **TIME Vs. COST BENEFIT** - Approx. 6 - 8 week production schedule for wood roof system



ROLES & RESPONSIBILITIES

- **G2 METALWORKS**- To provide All major building components for the Roof Structure (Ledgers In) as well as Truss Design Drawings & Layouts for Building Department Submittal and EOR approval
- **GC** - Nails, Labor, & Equipment
- **EOR** - Design and analysis of Truss-to-wall connection, drag force analysis, & HD Specification.
- **AOR** - Allowance for additional truss depth (if available)
- **OWNER/DEVELOPER** - Realistic discussion & understanding of changes that may be needed to solve for current bridge-out with steel. I.e. Build a wood building or play the waiting game.

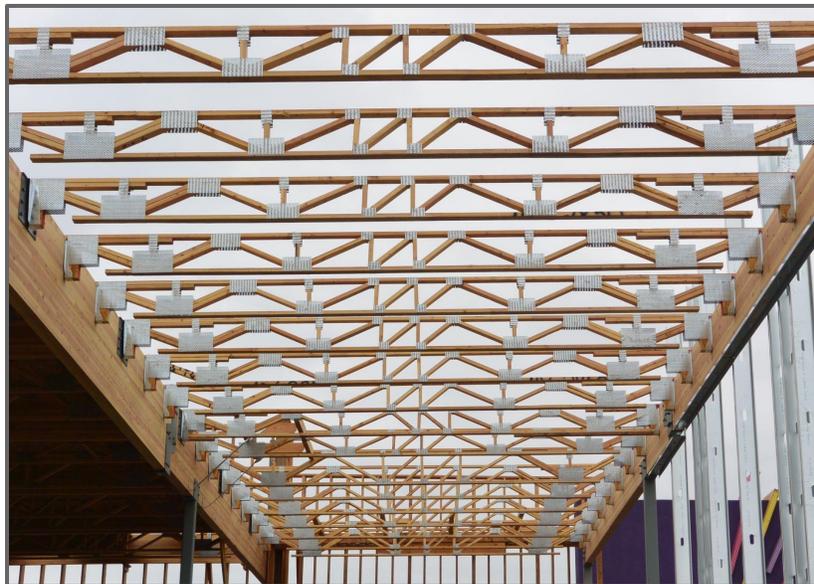
SUPPORT



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MANUFACTURING:

PHOENIX, AZ - PFLUGERVILLE, TX - RENO, NV

SOLVING FOR CURRENT STEEL BAR JOIST BRIDGE-OUT

