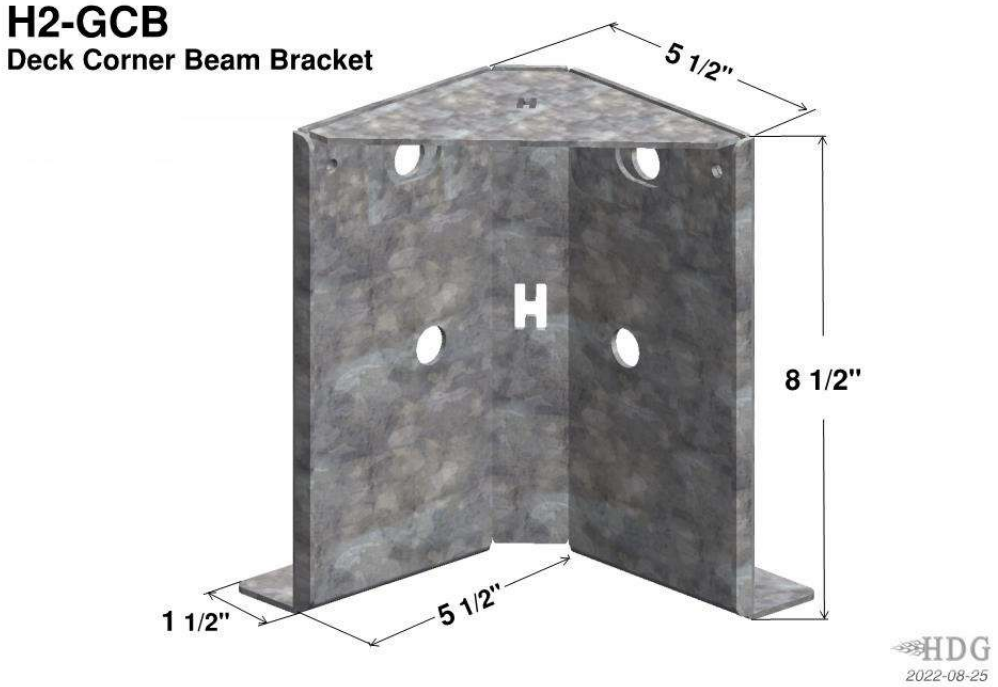
HDG ENGINEERED PRODUCTS

Corner Beam Bracket Assembly - Guide



BRAND: HDG

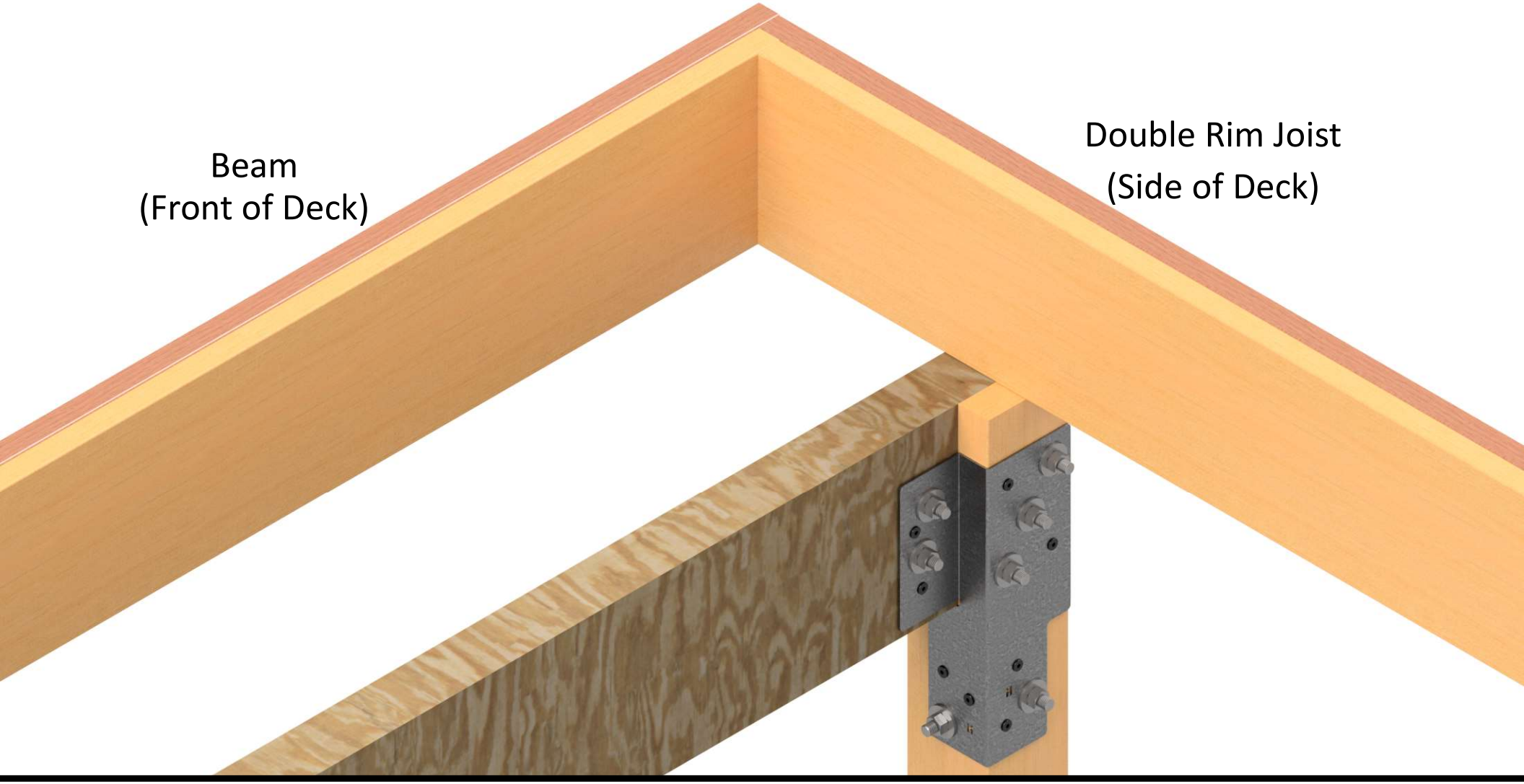
MODEL: H2-GCB

BRACKET: Deck Corner Beam Bracket

*Paint Note: Brackets have natural galvanized steel coating. If a primer black coat is desired, user can find available at most local hardware stores or online sellers a black spray coating i.e. Rust-Oleum© (248914) Truck Bed Spray Coating (Black)

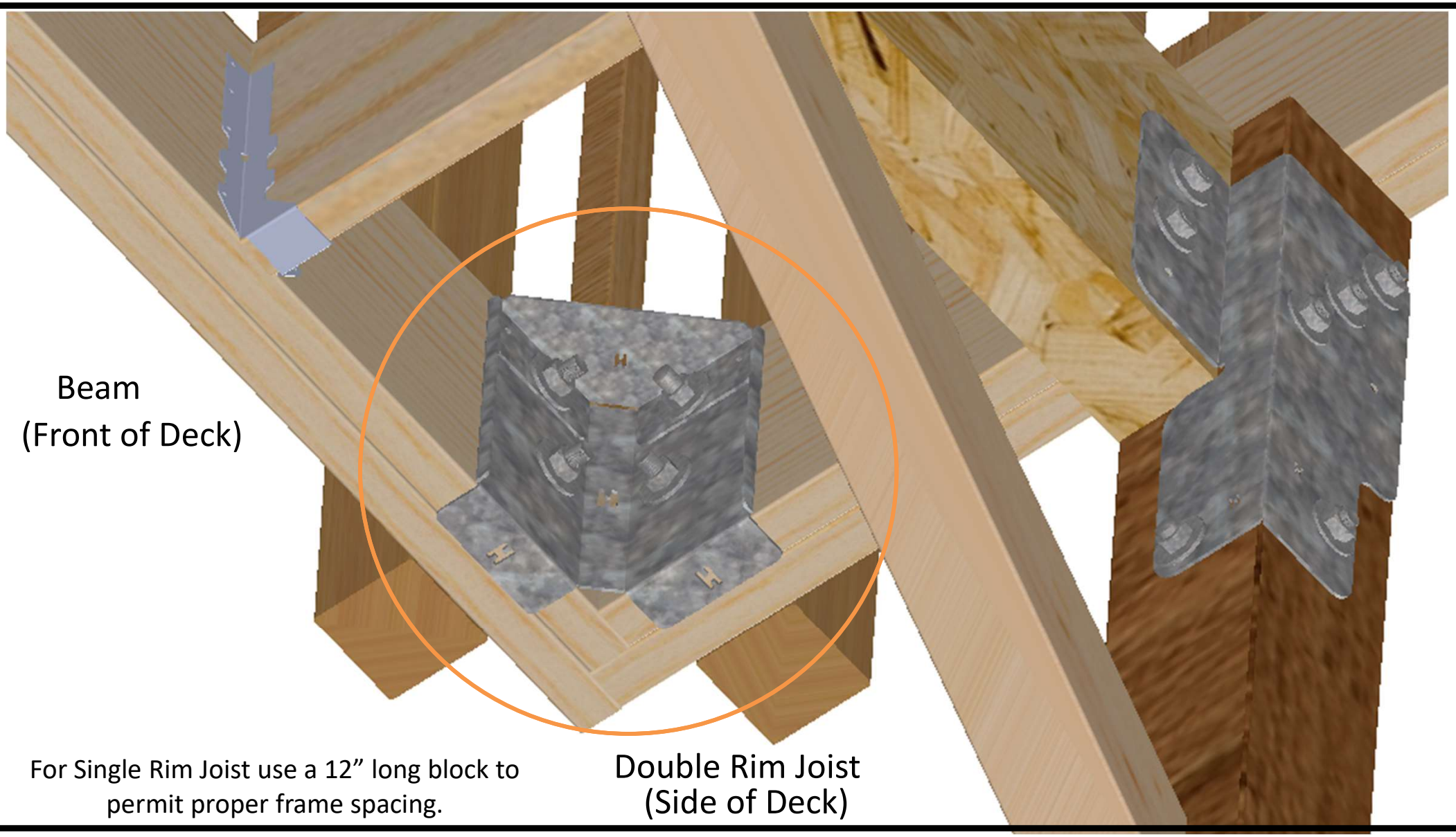
USPTO No. 10,024,046: Bracket Bracing System - Copyright© 2018 -2024 HDG, Inc. All Rights Reserved - Terms of Use Listed @ www.hdgep.com

Lay framing upon constructed beam and ledger. A cantilevered deck is used to display the function of this bracket. It can be used for similar purposes.



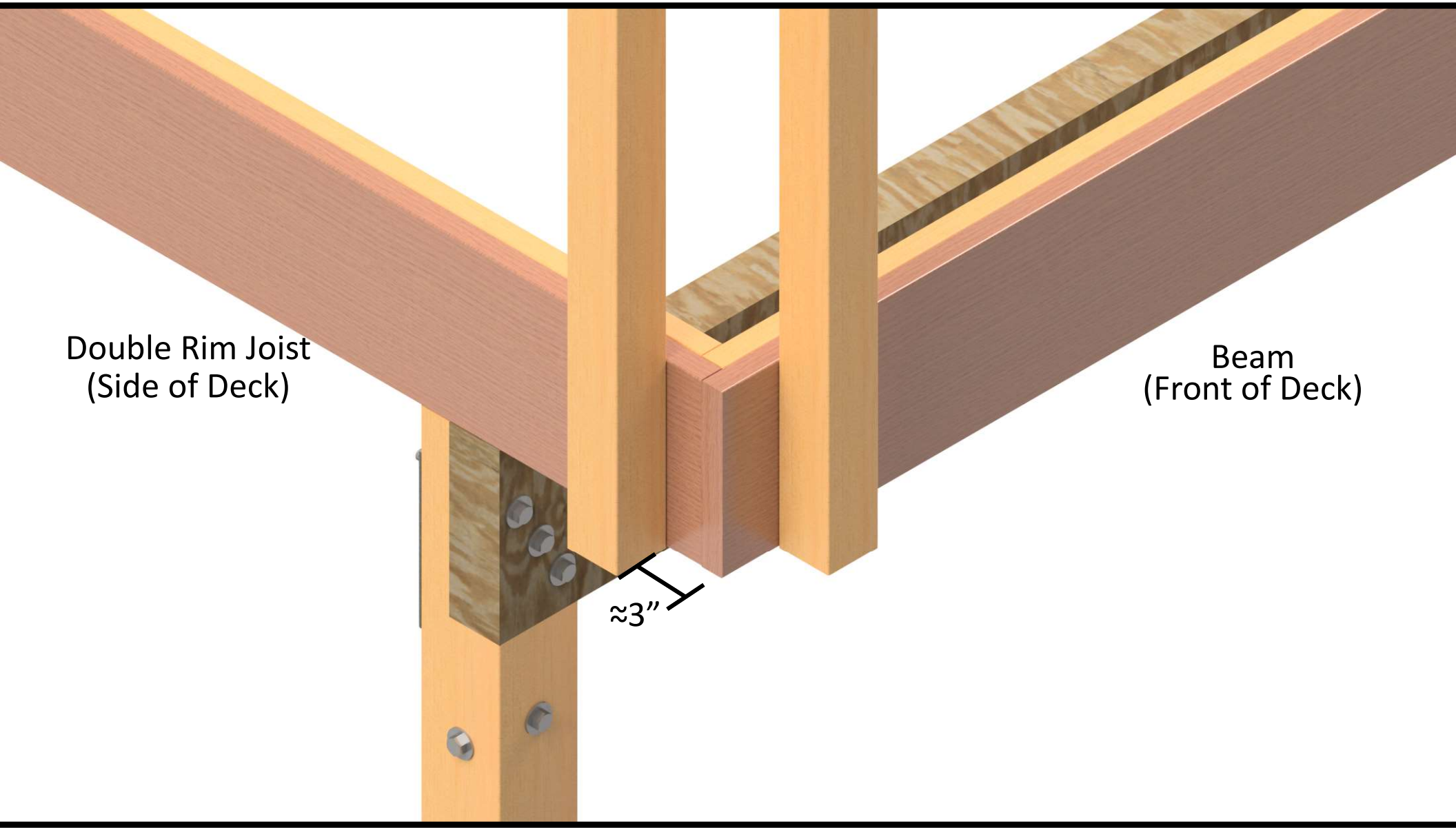
In this case, we are using (2) 2x12's for beam and rim joist.
Nail overlapped boards typically to hold them in place.

Place the H2-GCB bracket flush against corner, ensuring the bracket is flush along the bottom of the rim joist and beam.

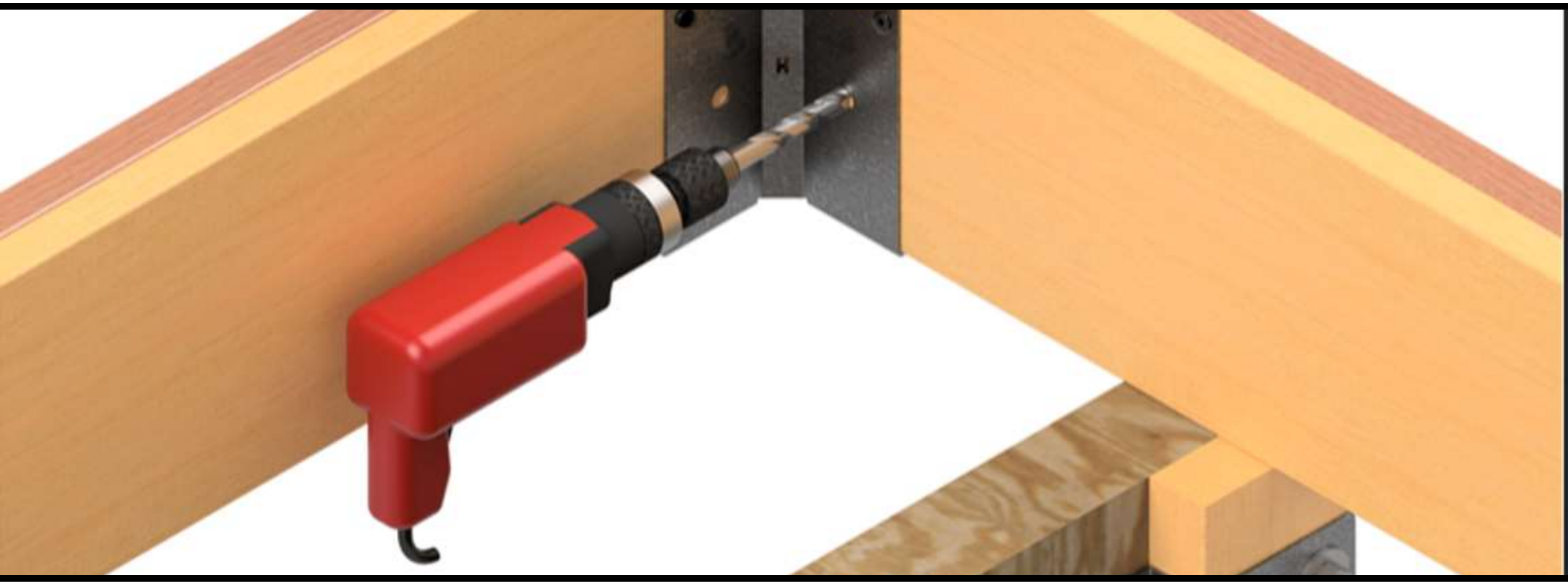


(Optional: can use screws or nails to temporarily hold in place.)
[Qty 2] Screws 3/4" x 2-1/2" or Nails 3/4" x 2-1/2"

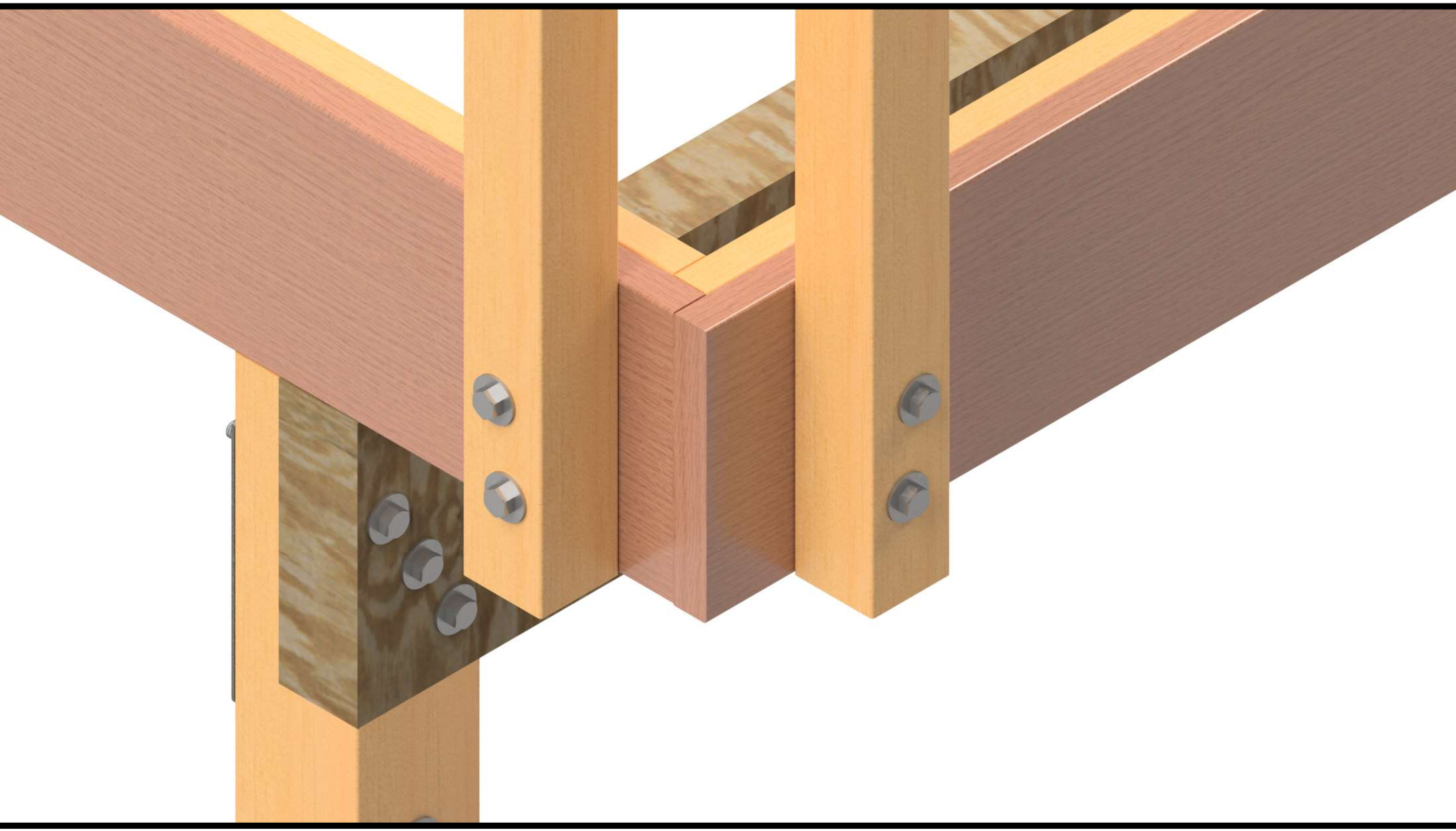
Cut 4x4 handrail posts and toenail or clamp them so that they align with the bolt holes on the bracket side flanges.



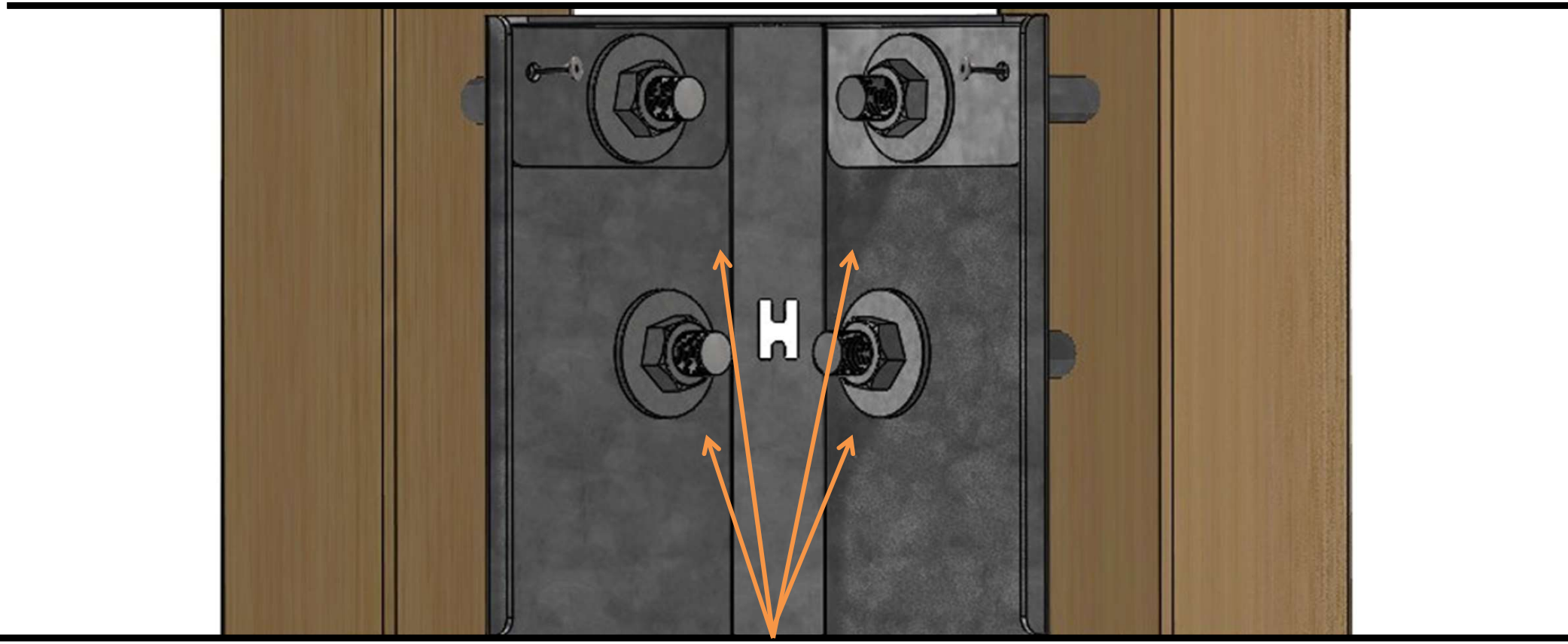
Drill, using each bolt hole in bracket as guides, through all lumber with a minimum ½” hole for ½” bolts or 5/8” hole for 5/8” bolts.



Installing bolts through the outside, fasten them inside the deck with code approved fasteners.



Torque per recommended wood council specs. Bolts are ½” diameter minimum.



(4) 7.5” HDG Bolts

A307 bolts 5/8” thick should be torqued to 73 ft/lbs.
A307 bolts ½” thick should be torqued to 37 ft/lbs.

Installation Complete!

H2-GCB Installed on Outside Corner of Drop Beam Cantilevered Deck

INSTALLATION GUIDE

Read Guide Completely Before Installation

HDG, Inc.

DETAILS	
Brand:	HDG
Supports:	Post Size 6x6
Finish :	Hot Dipped Galvanized
	ASTM A123
	Industrial Coating)
Thickness:	12 Gauge Steel
Rated:	For Pressure Treated Lumber
USPTO:	Bracket Bracing System -
	Patent Number US 10,024,046
Warranty	Limited (1) Year Manufacturer Warranty

Instructions are not intended to replace deck construction plans.
Shown for product illustration purposes only.

Contact: info@hdgep.com or 770) 777-7007 for Additional Information
See www.hdgep.com for Instructional Video and Individual Product Specifications

INSTALLATION GUIDE

Read Guide Completely Before Installation

HDG, Inc. Certifications

- *HDG, Inc. Engineered Products:* ***Subject to 1 Year Limited Warranty***
- ***USPTO:*** *No. 10,024,046: Bracket Bracing System*
- *ICC-ES Evaluation Report: ESR-5056 – See Website for PDF Download for ESR Products*
- ***Copyright ©*** *2018 – 2024 HDG, Inc. ~ All Rights Reserved*
- ***Terms of Use:*** *Listed @ www.hdgep.com*
    - ***Check for Additional Requirements***
        - *Per Deck Design Professional AND local code authority*
    - ***Water Intrusion***
        - ***INSTALLER IS RESPONSIBLE FOR PREVENTING WATER INTRUSION***
            - *Verify all bolts and caulks are tightened*
    - ***Fasteners:***
        - ***Installed ONLY in provided and specified holes***
        - ***Are to meet or exceed local code requirements.***
        - *Recommended: HDG ASTM 123 Hot Dipped Galvanized or Stainless Steel*
    - ***Certifications:***
        - *HDG, Inc. Engineered Products:* ***Subject to 1 Year Limited Warranty***
        - ***USPTO:*** *No. 10,024,046: Bracket Bracing System*
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