

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-302
Item to be Scouted	BABA Compliant Lateral Tie Plates
Days to be scouted	30
Response Due By	10/03/2025
Description	BABA Compliant: a structural connector used in wood framing to transfer shear forces between a wall's top plate and a rim joist or blocking. This small, multi-holed, galvanized

Section 2: Technical Information

Type of supplier being sought	Other
Details	Colorado BABAA-compliant self-certified manufacturers
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Domestic components in each of the BABAA compliant manufactured products must exceed 55% of the total component cost and be assembled in the United States.
Provide dimensions / size / tolerances / performance specifications for the item	See attached specs and mechanical schedule for more information.
List required materials needed to make the product, including materials of product components	See attached specs and mechanical schedule for more information.
Are there applicable certification requirements?	Yes
Details	Build America, Buy America Act (BABAA) compliant
Are there applicable regulations?	Yes
Details	Must be able to submit BABAA manufactured product self-certification manufactured product letter that details a compliant product.
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
Estimated target price / unit cost information (if unavailable explain)	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
When is it needed by?	Q1 2026
Describe packaging requirements	Must arrive undamaged
Where will this item be shipped?	Colorado

Additional Comments

Is there other information you would like to include?	<p>Nationwide Search</p> <p>Provide written documentation in response to the Supplier Scouting request of being a current Build America Buy America Act Lateral Tie Plate manufacturer with experience in manufacturing the system components, meeting the product performance requirements.</p> <p>Information on BABAA compliance requirements can be found at the Made in America Office link https://www.madeinamerica.gov/.</p>
---	---

**SECTION 06 1000
ROUGH CARPENTRY**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Rough carpentry, including:
 - 1. Structural dimension lumber framing.
 - 2. Nonstructural dimension lumber framing.
 - 3. Wood panel roof sheathing.
 - 4. Wood panel subflooring.
- B. Rough carpentry accessories, including:
 - 1. Preservative treated wood materials.
 - 2. Miscellaneous non-structural framing and sheathing.
 - 3. Communications and electrical room mounting boards.
 - 4. Concealed wood blocking, nailers, and supports.
 - 5. Miscellaneous wood nailers, furring, and grounds.

1.02 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- B. AWWA U1 - Use Category System: User Specification for Treated Wood.
- C. PS 1 - Structural Plywood.
- D. PS 20 - American Softwood Lumber Standard.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate installation of rough carpentry members specified in other Sections.
 - 2. Coordinate installation of roofing carpentry with deck construction, framing of roof openings, and roofing assembly installation.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide technical data on wood preservative materials and application instructions.
- C. Structural Composite Lumber: Submit manufacturer's published structural data including span tables, marked to indicate which sizes and grades are being used; if structural composite lumber is being substituted for dimension lumber or timbers, submit grading agency structural tables marked for comparison.
- D. Shop Drawings: If Contractor elects to panelize all or part of rough carpentry work, shop drawings for this work will not be reviewed by Architect; Contractor is fully responsible for review and approval of this submittal.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. General: Cover wood products to protect against moisture. Support stacked products to prevent deformation and to allow air circulation.

PART 2 PRODUCTS

2.01 GENERAL REQUIREMENTS

- A. Dimension Lumber: Comply with PS 20 and requirements of specified grading agencies.
 - 1. Species: As specified on structural Drawings.
 - 2. If no species is specified, provide species graded by the agency specified; if no grading agency is specified, provide lumber graded by grading agency meeting the specified requirements.
 - 3. Grading Agency: Grading agency whose rules are approved by the Board of Review, American Lumber Standard Committee at www.alsc.org, and who provides grading service for the species and grade specified; provide lumber stamped with grade mark unless otherwise indicated.

2.02 DIMENSION LUMBER FOR CONCEALED APPLICATIONS

- A. Sizes: Nominal sizes as indicated on Drawings, S4S.
- B. Moisture Content: S-dry or MC19.
- C. Wood Stud Framing (2 by 2 through 2 by 6): Species, grade, and other requirements as specified on structural Drawings.
- D. Wood Joist and Small Beam Framing (2 by 6 through 4 by 16): Species, grade, and other requirements as specified on structural Drawings.
- E. Wood Blocking, Nailers, Grounds, and Furring:
 - 1. Lumber: S4S, No. 2 or Standard Grade.
 - 2. Boards: Standard or No. 3.

2.03 STRUCTURAL COMPOSITE LUMBER

- A. Structural Composite Lumber: Factory fabricated beams, headers, and columns, of sizes and types indicated on Drawings; structural capacity as published by manufacturer and meeting structural requirements specified on Drawings, in minimum sizes indicated; continuous adhesive conforming to ASTM D2559; finger scarfing permitted if joint exceeds stress limit of member.
 - 1. Species, grade, and other requirements as specified on structural Drawings.

2.04 CONSTRUCTION PANELS

- A. Subflooring: Species, grade, and other requirements as specified on structural Drawings.
- B. Roof Sheathing: Species, grade, and other requirements as specified on structural Drawings.
- C. Blocking Applications:
 - 1. Plywood Blocking/Nailers - Concealed From View But Located Within Exterior Enclosure: PS 1, C-C Plugged or better, Exterior grade.
 - 2. Plywood Blocking/Nailers - Other Locations: PS 1, C-D Plugged or better.

2.05 ACCESSORIES

- A. Fasteners and Anchors:

1. General: See structural Drawings for additional requirements.
 2. Metal and Finish: Hot-dipped galvanized steel complying with ASTM A153/A153M for high humidity and preservative-treated wood locations, unfinished steel elsewhere.
 3. Anchors: Toggle bolt type for anchorage to hollow masonry.
- B. Connectors: Hot dipped galvanized steel, sized to suit framing conditions.
1. General: See structural Drawings for additional requirements.
 2. For contact with preservative treated wood in exposed locations, provide minimum G185 galvanizing complying with ASTM A653/A653M.
- C. Sill Gasket on Top of Foundation Wall: 3/8 inch thick, closed-cell plastic foam.
1. Width: 3-1/2 inches.
 2. Ultraviolet (UV) and Weathering Resistance: Approved in writing by manufacturer for up to 30 days of weather exposure.
 3. Acceptable Product:
 - a. Protecto Wrap Company; Triple Guard Energy Sill Sealer: www.protectowrap.com/#sle.
 - b. Substitutions: See Section 01 6000 - Product Requirements.

2.06 FACTORY WOOD TREATMENT - GENERAL

- A. Treated Lumber and Plywood: Comply with requirements of AWP A U1 - Use Category System for wood treatments determined by use categories, expected service conditions, and specific applications.
1. Preservative-Treated Wood: Provide lumber and plywood marked or stamped by an ALSC-accredited testing agency, certifying level and type of treatment in accordance with AWP A standards, and also stamped "Kiln Dried After Treatment" ("KDAT").

2.07 PRESERVATIVE TREATMENT (PT)

- A. Preservative Pressure Treatment of Plywood Above Grade: AWP A U1, Use Category UC2 and UC3B, Commodity Specification F using waterborne preservative.
1. Kiln dry plywood after treatment to maximum moisture content of 19 percent.
 2. Applications:
 - a. Treat plywood in contact with roofing, flashing, or waterproofing.
 - b. Treat plywood in contact with masonry or concrete.
 - c. Treat plywood less than 18 inches above grade.
 - d. Treat plywood in other locations as indicated on Drawings.

PART 3 EXECUTION

3.01 PREPARATION

- A. Provide wall layout on floor surfaces for review by Architect before commencing wood stud wall framing.
1. Layout walls in contiguous areas on each floor and in each building wing or section, as directed by Architect.
 2. Commencement of wall framing prior to receipt of approval of layout from Architect is assumed at Contractor's sole risk if wall layout is required to change for any reason.
- B. Install continuous sill gasket under sill plate of framed walls bearing on foundations; puncture gasket cleanly to fit tightly around protruding anchor bolts.

3.02 INSTALLATION - GENERAL

- A. See structural Drawings for additional requirements.
- B. Select material sizes to minimize waste.
- C. Reuse scrap to the greatest extent possible; clearly separate scrap for use on site as accessory components, including shims, bracing, and blocking.
- D. Where treated wood is used on interior, provide temporary ventilation during and immediately after installation sufficient to remove indoor air contaminants.
- E. Rough Carpentry Panelization: If Contractor elects to panelize all or part of rough carpentry work, Contractor acknowledges and accepts responsibility for:
 - 1. Conformance with requirements of Contract Documents, particularly structural design requirements including member spacing, fastener size and spacing, connections, and other requirements indicated on Drawings, specified in this Section, and specified in related Sections of specifications.
 - 2. Coordination of work affected by panelization means and methods of design, fabrication, assembly, and erection of rough carpentry panels.

3.03 FRAMING INSTALLATION

- A. General: See structural Drawings for additional requirements.
- B. Set structural members level, plumb, and true to line. Discard pieces with defects that would lower required strength or result in unacceptable appearance of exposed members.
- C. Make provisions for temporary construction loads, and provide temporary bracing sufficient to maintain structure in true alignment and safe condition until completion of erection and installation of permanent bracing.
- D. Install structural members full length without splices unless otherwise specifically detailed.
- E. Comply with member sizes, spacing, and configurations indicated, and fastener size and spacing indicated, but not less than required by applicable codes and AWC (WFCM) Wood Frame Construction Manual.
- F. Construct double joist headers at floor and ceiling openings and under wall stud partitions that are parallel to floor joists; use metal joist hangers unless otherwise detailed.
- G. Frame wall openings with two or more studs at each jamb; support headers on cripple studs.

3.04 BLOCKING, NAILERS, AND SUPPORTS

- A. Provide framing and blocking members as indicated or as required to support finishes, fixtures, specialty items, and trim.
- B. In framed assemblies that have concealed spaces, provide solid wood fireblocking as required by applicable local code, to close concealed draft openings between floors and between top story and roof/attic space; other material acceptable to authorities having jurisdiction may be used in lieu of solid wood blocking.
- C. In metal stud walls, provide continuous blocking around door and window openings for anchorage of frames, securely attached to stud framing.
- D. In walls, provide blocking attached to studs as backing and support for wall-mounted items, unless item can be securely fastened to two or more studs or other method of support is explicitly indicated.

1. Attachment of blocking and support framing to supporting structure for stair and railing assemblies is to be designed by stair/railing designer and installed according to design requirements specified by stair/railing designer for each stair/railing component.

E. Provide the following specific nonstructural framing and blocking:

1. Cabinets and shelf supports.
2. Handrails.
3. Grab bars.
4. Towel and bath accessories.
5. Wall-mounted door stops.
6. Wall mounted visual display units.

3.05 ROOF-RELATED CARPENTRY

- A. Provide wood curb at each roof opening except where prefabricated curbs are specified and where specifically indicated otherwise; form corners by alternating lapping side members.

3.06 INSTALLATION OF CONSTRUCTION PANELS

- A. General: See structural Drawings for additional requirements.
- B. Subflooring: Glue and nail to framing; staples are not permitted.
- C. Roof Sheathing: Secure panels with long dimension perpendicular to framing members, with ends staggered and over firm bearing.
1. Install panels with 1/8 inch gap between all panel edges, unless otherwise permitted by panel manufacturer.
 2. Nail panels to framing; staples are not permitted.
- D. Communications and Electrical Room Mounting Boards: Secure with screws to studs with edges over firm bearing; space fasteners at maximum 24 inches on center on all edges and into studs in field of board.
1. At fire-rated walls, install board over wall board indicated as part of the fire-rated assembly.
 2. Where boards are indicated as full floor-to-ceiling height, install with long edge of board parallel to studs.
 3. Install adjacent boards without gaps.
 4. Size and Location: As indicated on Drawings.

3.07 SITE APPLIED WOOD TREATMENT

- A. Apply preservative treatment compatible with factory applied treatment at site-sawn cuts, complying with manufacturer's instructions.
- B. Allow preservative to dry prior to erecting members.

3.08 TOLERANCES

- A. Framing Members: 1/4 inch from true position, maximum.
- B. Variation from Plane, Other than Floors: 1/4 inch in 10 feet maximum, and 1/4 inch in 30 feet maximum.

3.09 CLEANING

- A. Waste Disposal:
1. Comply with applicable regulations.

2. Do not burn scrap on project site.
 3. Do not burn scraps that have been pressure treated.
 4. Do not send materials treated with pentachlorophenol, CCA, or ACA to co-generation facilities or "waste-to-energy" facilities.
- B. Do not leave wood, shavings, sawdust, etc. on the ground or buried in fill.
- C. Prevent sawdust and wood shavings from entering the storm drainage system.

END OF SECTION