

SECTION 06 15 16
WOOD DECKING

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:

1. Solid-sawn roof decking

- B. Relating Sections include the following:

1. 061800- Glued-Laminated Wood Construction

1.3 SUBMITTALS

- A. Samples: 24 inches long, showing the range of variation to be expected in appearance of wood decking.

1.4 QUALITY ASSURANCE

- A. Standard for Solid-Sawn Wood Decking: Comply with AITC 112, “ Standard for Tongue-and-Groove Heavy Timber Roof Decking.”

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Schedule delivery of wood decking to avoid extended on-site storage and to avoid Delaying the work.
- B. Store materials under cover and protected from the weather and contact with damp or wet surfaces. Provide air circulation within and around stacks and under temporary coverings. Stack wood decking with surfaces that are to be exposed in the final work protected from exposure to sunlight.

PART 2 – PRODUCTS

2.1 SUPPLIER

- A. Structural Wood Systems, A Division of Harrison Industries, Inc.
Company Contact: Rick Taylor, Sales Manager
321 Dohrimier Street/PO Box 250 Greenville, AL 36037 Phone: (334) 382-6534
Fax: (334) 382-4260 Website: www.structuralwood.com Email: sales@structuralwood.com

2.2 WOOD DECKING, GENERAL

- A. General: Comply with applicable grading rules of AITC 112-93
- B. Moisture Content: Provide wood decking with 15 percent maximum moisture content at time of dressing.

2.3 SOLID-SAWN WOOD DECKING

- A. Decking Species: Southern Pine
- B. Decking Nominal Size: 2 inch nominal heavy timber decking with dimensions in accordance AITC 112-93.
- C. Decking Grade: SPIB No. 1 Grade
- D. Face Surface: Smooth
- E. Edge Pattern: Vee grooved
- F. Decking Configuration: Random length and End-Matched
- H. Preservative Treatment- Where pressure treatment is indicated on plans, pressure treat with Wolman Erawood.

2.4 FASTENERS AND ACCESORY MATERIALS

- A. Fasteners for Solid-Sawn Decking: Provide fastener size and type complying with decking standard for thickness of deck used.
- B. Fastener Material: Each piece must be toe-nailed through the tongue with one 16d common nail and also face nailed with two 16d common nails at each support. Additional nails are needed in some high wind load applications.

2.5 FABRICATION

- A. Fabricate decking in lengths for random length lay-up as defined in AITC 112-93.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine walls and support framing in areas to receive wood decking for compliance with installation tolerances and other conditions affecting performance of wood decking.

1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install and fasten solid-sawn wood decking to comply with AITC 112-93.
- B. Apply joint sealant to seal roof decking at exterior walls at the following locations:
 - 1. Between decking and supports located at exterior walls.
 - 2. Between decking and exterior walls that butt against underside of decking.
 - 3. Between tongues and grooves of decking over exterior walls and supports at exterior walls.

3.3 ADJUSTING

- A. Repair damaged surfaces and finishes after completing erection. Replace damaged decking if repairs are not approved by Architect.

3.4 PROTECTION

- A. Provide temporary waterproof covering to protect exposed decking before applying roofing.

END OF SECTION