SECTION 06 13 00

HEAVY TIMBER CONSTRUCTION

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

*Copyright 2008 - 2008 ARCAT, Inc. - All rights reserved*

\*\* NOTE TO SPECIFIER \*\* Disdero Lumber Co., which is located at:12301 S. E. Carpenter Dr.Clackamas, OR 97015Toll Free Tel: 800-547-4209Tel: 503-239-8888Fax: 503-607-2492Email: [request info (gbrinck@disdero.com)](https://arcat.com/rfi?action=email&company=Disdero%252BLumber%252BCo.&message=RE%253A%2520Spec%2520Question%2520(06130dlc)%253A%2520&coid=32001&spec=06130dlc&rep=&fax=503-607-2492)
Web: <https://www.lockdeck.com> | <https://www.disdero.com>
 [ [Click Here](https://arcat.com/company/disdero-lumber-co-32001) ] for additional information.
Disdero Lumber Company, a wholly owned subsidiary of Tumac Lumber Company, was founded in 1953 as a wholesale distributor of specialty wood products and clear, vertical grain Douglas fir. We have expanded our product line to include Western Red Cedar, Hemlock, Ponderosa Pine, Southern Yellow Pine, Alaskan Yellow Cedar, Port Orford Cedar, Incense Cedar, Idaho White Pine, Mahogany Decking, Hardwood, Specialty Panel Products, Plywood, MDF Products and Lock Deck.

 Located in Clackamas, Oregon, we service Oregon, Washington, Idaho, Wyoming, Northern California, Utah, Northwest Nevada, Colorado, Alaska and Hawaii. Nationwide service is available on LTL and full truck load basis via common carrier.

 We service lumberyards, cabinet shops, manufacturers, industrial accounts, and certain other retail business. We do not sell to contractors or the general public on a direct basis, but we will be happy to work with you through one of our distributors. Please call if you have any questions regarding this policy.

1. GENERAL
	1. SECTION INCLUDES
		1. Kiln-dried structural timbers.
	2. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 05 05 23 - Metal Fastenings.
		2. Section 06 10 00 - Rough Carpentry.
		3. Section 06 15 00 - Wood Decking.
		4. Section 06 17 33 - Wood Joists.
		5. Section 06 17 53 - Shop-Fabricated Wood Trusses.
		6. Section 06 18 00 - Glued-Laminated Construction.
	1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. AITC 108 - Standard for Heavy Timber Construction.
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00.
		2. Product Data: Manufacturer's data sheets on each product to be used, including:
			1. Technical data indicating compliance with specifications and standards.
			2. Storage and handling requirements and recommendations.
			3. Installation methods.
		3. Certification: Submit certification that Douglas fir timbers are Sustainable Forestry Initiative (SFI) Certified.
	2. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in providing products of the type specified in this section, with minimum of 5 years documented experience with products in use.
		2. Manufacturing Standard: Conform to AITC A108.
		3. Labeling Requirements: Each length of lumber shall be stamped at the mill indicating certification mark, mill identification, grade name, and inspection certificate. All labels shall be placed on surfaces where it will not be exposed to view when installed.
	3. PERFORMANCE REQUIREMENTS

\*\* NOTE TO SPECIFIER \*\* Verify that the Design Wind Pressure is indicated on the drawings.

* + 1. Design Wind Pressure: As indicated on the Drawings.
		2. Sustainable Design: Douglas fir shall be Sustainable Forestry Initiative (SFI) Certified.
	1. DELIVERY, STORAGE, AND HANDLING
		1. Store products under cover and protected from the weather until ready for installation.
		2. Package products to stay clean until installation.
	2. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Disdero Lumber Co., which is located at:12301 S. E. Carpenter Dr.Clackamas, OR 97015Toll Free Tel: 800-547-4209Tel: 503-239-8888Fax: 503-607-2492Email: [request info (gbrinck@disdero.com)](https://arcat.com/rfi?action=email&company=Disdero%252BLumber%252BCo.&message=RE%253A%2520Spec%2520Question%2520(06130dlc)%253A%2520&coid=32001&spec=06130dlc&rep=&fax=503-607-2492);Web: <https://www.lockdeck.com> | <https://www.disdero.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.
	1. MATERIALS
		1. Kiln Dried Timbers: Douglas fir, grade #1&Btr, FOHC (free of heart center); kiln-dried to 19 percent or less 1 inch from all surfaces utilizing computer-controlled low-pressure steam system or microwave.

\*\* NOTE TO SPECIFIER \*\* Delete dressing and sizes not required.

* + - 1. Dressing: Sanded 4 sides (S4S).
				1. Nominal Size: 3x6.
				2. Nominal Size: 3x8.
				3. Nominal Size: 3x10.
				4. Nominal Size: 3x12.
				5. Nominal Size: 4x4.
				6. Nominal Size: 4x6.
				7. Nominal Size: 4x8.
				8. Nominal Size: 4x10.
				9. Nominal Size: 4x12.
				10. Nominal Size: 6x6.
				11. Nominal Size: 6x8.
				12. Nominal Size: 6x10.
				13. Nominal Size: 6x12.
				14. Nominal Size: 6x14.
				15. Nominal Size: 6x16.
				16. Nominal Size: 8x8.
				17. Nominal Size: 8x10.
				18. Nominal Size: 8x12.
				19. Nominal Size: 8x14.
				20. Nominal Size: 8x16.
				21. Nominal Size: 10x10.
				22. Nominal Size: 10x12.
				23. Nominal Size: 12x12.
			2. Dressing: Resawn 4 sides.
				1. Nominal Size: 3x10.
				2. Nominal Size: 3x12.
				3. Nominal Size: 4x4.
				4. Nominal Size: 4x6.
				5. Nominal Size: 4x8.
				6. Nominal Size: 4x10.
				7. Nominal Size: 4x12.
				8. Nominal Size: 6x6.
				9. Nominal Size: 6x8.
				10. Nominal Size: 6x10.
				11. Nominal Size: 6x12.
				12. Nominal Size: 6x14.
				13. Nominal Size: 6x16.
				14. Nominal Size: 8x8.
				15. Nominal Size: 8x10.
				16. Nominal Size: 8x12.
				17. Nominal Size: 8x14.
				18. Nominal Size: 8x16.
				19. Nominal Size: 10x10.
				20. Nominal Size: 10x12.
				21. Nominal Size: 12x12.
			3. Finish: Rougherhead 4 sides.
				1. Nominal Size: 2x4.
				2. Nominal Size: 2x6.
				3. Nominal Size: 2x8.
				4. Nominal Size: 2x10.
				5. Nominal Size: 2x12.
		1. Kiln Dried Timbers, Beams and Header Stock: Douglas fir, grade #2&Btr, DF Kiln Dried HT timbers; 75-80 percent FOHC (free of heart center); 70 percent #1 or Sel. Struct (grade stamp one face); bright, clean light to no wane; kiln-dried to 19 percent or less 1 inch from all surfaces utilizing computer-controlled low-pressure steam system or microwave.

\*\* NOTE TO SPECIFIER \*\* Delete dressing and sizes not required.

* + - 1. Unit Sizes: Sanded 4 sides (S4S).
				1. Nominal Size: 4x4.
				2. Nominal Size: 4x6.
				3. Nominal Size: 4x8.
				4. Nominal Size: 4x10.
				5. Nominal Size: 4x12.
		1. Connectors and Fasteners: Hot-dip galvanized steel or stainless steel, suitable for service.
		2. Fabrication: Shop fabricate timbers to the greatest extent practical, including predrilling.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
	2. INSTALLATION
		1. Erect timbers true and plumb, and in accordance with approved shop drawings.
		2. Repair or replace damaged timbers before Substantial Completion.

END OF SECTION