

REV/NO:

DRAWN:
D.R.

CUSTOM DESIGNED HOME FOR:
Aaron & Lisa Butler
COLUMBIA COUNTY, FLORIDA
Exterior Elevations

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Lake City, FL 32055
386-365-4355

DATE:
09/22/2023

SHEET:

A.6
6 of 15

Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US
O = AR0007005 OU = ARCHITECT
Date: 2023.09.14 13:59:13 -05'00'

HARDIE PANEL®
VERTICAL SIDING INSTALLATION INSTRUCTIONS
SIERRA 80 SELECT CEDARWILL® SMOOTH®

IMPORTANT: FAILURE TO INSTALL AND FINISH HARDIE PANEL® IN ACCORDANCE WITH APPLICABLE BUILDING CODE COMPLIANCE REPORTS AND JAMES HARDIE'S WRITTEN APPLICATION INSTRUCTIONS, MAY AFFECT SYSTEM PERFORMANCE, VIOLATE LOCAL BUILDING CODES REQUIREMENTS, AND VOID THE PRODUCT ONLY WARRANTY.

HANDLING & STORAGE:
Store flat and keep dry prior to installation. Installing siding wet or saturated may result in shrinkage at butt joints. Carry plans on edge.

CUTTING OPTIONS:
Circular saw blade with carbide-tipped teeth.
Use a carbide-tipped circular saw blade with a 1/4" kerf. Do not use a carbide-tipped circular saw blade with a 1/2" kerf.
JH recommends Makit® #5044K 4" or #5057K 7-1/4" saw with dust collection. Call 800-44MAKITA, Hitachi® HARDIBLADE® 6 3/4" PCD Diamond Teeth, Call Hitachi® 800-546-1666 for nearest dealer.
SNAPPER SHEAR® (electric, pneumatic, or hand shear. Call 800-297-1487 for tool information).

Always wear safety glasses and dust protection when operating power tools.
For more information on avoiding inhalation refer to the MATERIAL SAFETY DATA SHEET available wherever James Hardie fiber-cement products are sold.

FRAMING REQUIREMENTS:
HardiePanel siding can be installed over braced wood or steel studs spaced a maximum of 24" o.c. or directly to minimum 1/2" (12.5mm) thick OSB sheathing. HardiePanel lap siding can also be installed over 1/2" (12.5mm) thick plywood sheathing. For more information on framing requirements, consult the framing section of the James Hardie Building Code Compliance Report. The finished application, A weather-resistant barrier is required. * Install HardiePanel siding with joints butted in moderate contact. Optionally, install the lap siding with a maximum 1/8" gap and caulk the joint.**

@ For application over foam insulation, the length of the specified fasteners shall be increased by the thickness of the foam insulation.

* Use a weather-resistant barrier in accordance with BOCA National Building Code Section 1403.3, SBCCI Standard Building Code Section 2303.3, ICBO Uniform Building Code Section 1402.1, or CABO One-and-Two Family Dwelling Code Section 703.2.1.

NOTE: Some Building Codes exempt the use of weather-resistant barriers over "water-repellent panel sheathing" or exterior panels classified as "weather-resistant barriers". James Hardie recommends the use of "building paper" type weather-resistant barriers with all siding products. James Hardie will assume no responsibility for water infiltration within the wall.

WARNING: AVOID BREATHING SILICA DUST

Product Containing Silica: Inhalation of respirable silica dust can cause silicosis, a potentially disabling lung disease, and is known to the State of California to cause lung cancer. When drilling, cutting, or abrading product during installation or handling, (1) Work outdoors where feasible, (2) Wear a dust mask or, if dust may exceed PEL, use NIOSH approved respirator, (3) Avoid breathing dust directly from the product, and (4) Wash your face and hands after contact with product. FAILURE TO ADHERE TO WARNINGS, MSDS, AND INSTALLATION INSTRUCTIONS MAY LEAD TO SERIOUS PERSONAL INJURY.

GRADE CLEARANCE
Install HardiePanel siding in compliance with local Building Code requirements for clearance between the bottom edge of panel/trimming and the adjacent finished grade.

ROOF CLEARANCE

At the juncture of the roof and vertical surfaces, flashing and counterflashing shall be provided per the roofing construction, when the wall is turned out with wood framing or minimum No. 20 gauge steel framing anchored to the wall. Framing can be spaced up to 24" OC. Consult applications to masonry block and wood or metal framing. A weather-resistant barrier** is recommended between the framing and the siding.

CONCRETE CONSTRUCTION

HardiePanel siding can be installed directly to masonry block. HardiePanel siding can also be installed to concrete construction, when the wall is turned out with wood framing or minimum No. 20 gauge steel framing anchored to the wall. Framing can be spaced up to 24" OC. Consult applications to masonry block and wood or metal framing. A weather-resistant barrier** is recommended between the framing and the siding.

FACE NAIL

- Corrosion Resistant Nails (galvanized or stainless steel)
- 6d (0.118" shank, x 0.267" HD x 2" long) **
- Siding nail (0.089" shank x 0.221" HD x 2" long) **
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- ET & F pin (0.100" shank x 0.25" HD x 1 1/2" long) **
- Corrosion Resistant Screws
- Ribbed Bugle-head or equivalent (No. 8-18 x 0.325" HD x 1 5/8" long) Screws must penetrate 1/4" or 3 threads into metal framing.

BLIND NAIL

- Corrosion Resistant Nails (galvanized or stainless steel)
- Siding nail (0.089" shank x 0.221" HD x 2" long) **
- 11ga. roofing nail (0.121" shank x 0.371" HD x 1 1/4" L)
- ET & F Pinhead (No. 10) shank x 0.25" HD x 1 1/2" long) **
- Ribbed Bugle-head or equivalent (No. 8-18 x 0.325" HD x 1 1/4" long) Screws must penetrate 1/4" or 3 threads into metal framing.

** The use of a siding nail or roofing nail may not be applicable to all installations where greater wind loads are required. Wind load and resistance is required by the local Building Code. Consult the applicable Building Code Compliance Report.

PNEUMATIC FASTENING

HardiePanel siding can be hand nailed or fastened with the use of a pneumatic tool. Set your air pressure so that the fastener is driven snug with the siding surface.

RECOMMENDED:

- Use a flush mount attachment on pneumatic tool. This will help control the depth that the nail is driven. This will be especially helpful when more than one pneumatic tool is driven at the same compressor.
- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space). (Fig. A & B)
- Do not over-drive nail heads or drive nails at an angle.
- If nail is overdriven, back nail hole and add a nail. (Fig. C)

NAIL TYPE:

Fasteners must be corrosion resistant, galvanized or stainless steel. Electro-galvanized nails are acceptable for use with James Hardie Siding Products, but may exhibit premature corrosion. James Hardie recommends the use of corrosion resistant fasteners.

FINISHING SIDING

Dents, chips and cracks can be filled with a cementitious patching compound.

CaULKING:
A quality, acrylic patchable caulk is recommended. For best results, use caulk that complies with either ASTM C 834 or ASTM C 920. Caulking should be applied in accordance with caulk manufacturers written instructions. (Leave 1/8" gap at trim for caulk. Caulking at butt joints is optional.)

PAINTING:

James Hardie products must be painted. For best results install HardiePanel siding with our exclusive Prime Plus™ paint. Exclusive Prime Plus™ paint is not being used. Hardie recommends the application of an alkali-resistant primer and a high quality exterior paint. For more information on painting, refer to the Technical Bulletin No. S-100.

Note: Please refer to paint manufacturers' specifications for application rates.

APPROVALS:

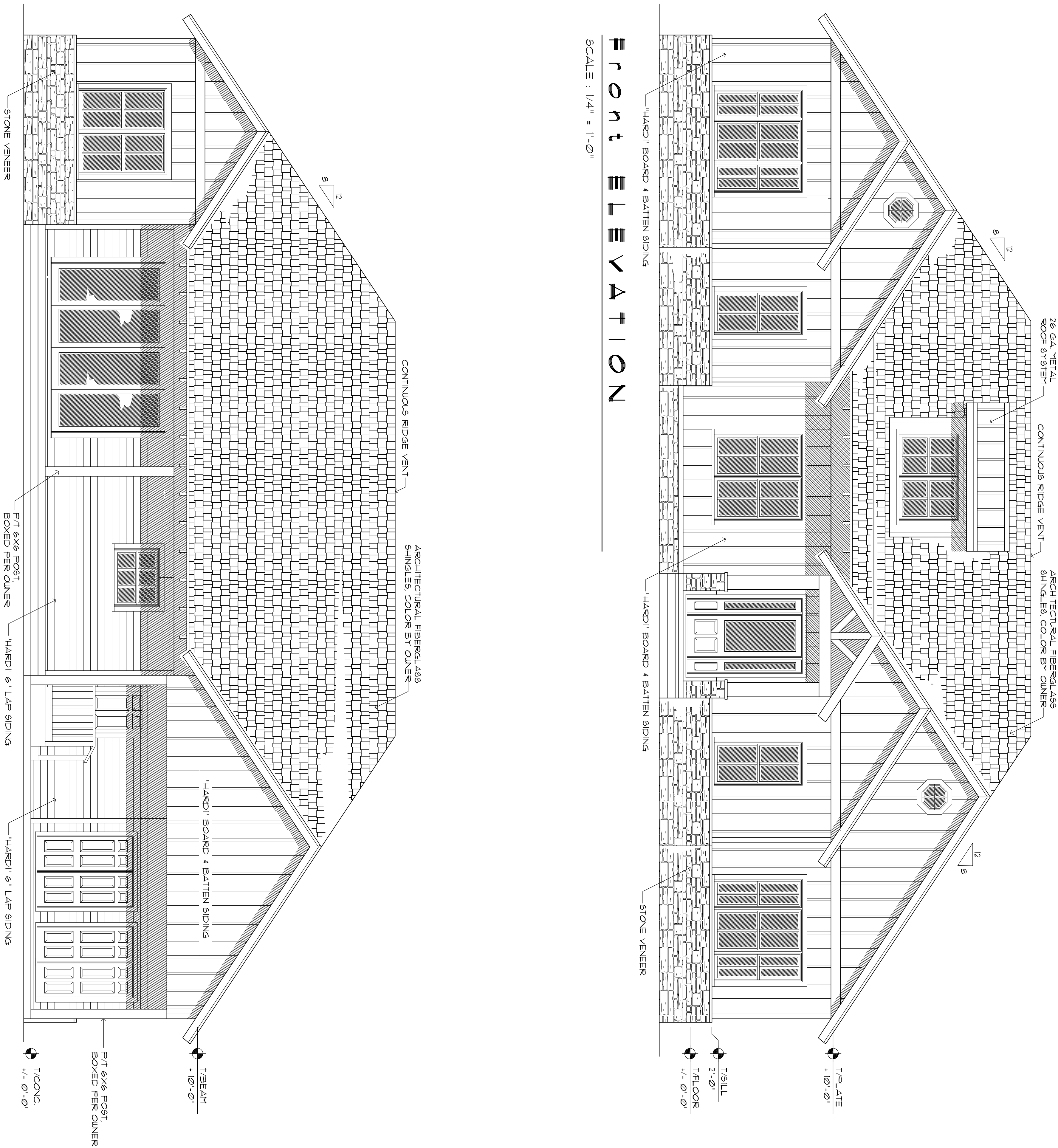
Hardie Panel Vertical Siding, Campanel Vertical Siding Florida Approval Code: NOA-22-0315.07

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For Technical Assistance, MSDS,
and Product Information
Call 1-800-94HARDIE
(1-800-944-7234)
www.jameshardie.com

Front Elevation

SCALE : 1/4" = 1'-0"



Rear Elevation

SCALE : 1/4" = 1'-0"

