

SECTION 07464

VINYL and Polymer Siding



For best results, display hidden notes to specifier.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Vinyl siding, Polymer shake and shingle siding.
- B. Vinyl soffits.
- C. Accessories and trim.

1.2 RELATED SECTIONS

- A. Section 06100 - Framing and Sheathing.
- B. Section 07260 - Vapor Retarders.
- C. Section 07900 - Joint Sealers.

1.3 REFERENCES

- A. ASTM D 635 - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
- B. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.
- C. ASTM D 648 - Test Method for Deflection Temperature of Plastics under Flexural Load.
- D. ASTM D 696 - Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics between -30 Degrees C and 30 Degrees C.
- E. ASTM D 790 -- Standard Test Methods for Flexural Properties of Un-reinforced and Reinforced Plastics and Electrical Insulating Materials.
- F. ASTM D 1435 - Standard Practice Method for Outdoor Weathering of Plastics.
- G. ASTM D 1929 - Standard Test Method for Ignition Properties of Plastics.
- H. ASTM D 2843 - Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics.
- I. ASTM D 3679 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding.

- J. ASTM D 4101 - Standard Specification for Propylene Plastic Injection and Extrusion Materials.
- K. ASTM D 4216 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Related Plastic Building Product Compounds.
- L. ASTM D 4226 - Standard Test Method for Impact Resistance of PVC Building Products.
- M. ASTM D 4477 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Soffit.
- N. ASTM D 5206 - Standard Windload Resistance Test.
- O. ASTM E 84 - Standard test Method for Surface Burning Characteristics of Building Materials.
- P. ASTM E 119 - Standard Test Methods for Fire Tests of Building Construction and Materials.

1.4 PERFORMANCE REQUIREMENTS

- A. PVC Fire Resistance: Provide vinyl siding products that meet or exceed the following ratings:
 - 1. Flame spread index 20, fuel contribution 0, smoke development rating 360, per ASTM E 84.
 - 2. Self-ignition temperature: 824 degrees F (440 degrees C) per ASTM D 1929.
 - 3. Fire endurance classification of 1 hour, per ASTM E 119 as wall assembly.
- B. Cedar Impressions shake and shingle siding: TPO Fire Resistance: Provide thermoplastic polyolefin siding products that meet or exceed the following ratings:
 - 1. Minimum self-ignition temperature of 650 degrees F (343 degrees C), per ASTM D 1929.
 - 2. Smoke density rating of 40, per ASTM D 2843.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- D. Verification Samples: For each finish product specified, two samples, minimum size 12 inches (300 mm) long, representing actual product, color, and patterns.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Provide installer with not less than three years of experience with products specified or has obtained Master Craftsman credentials from CertainTeed.
- B. Mock-Up: Provide a mock-up for evaluation of installation techniques and workmanship.

1. Finish areas designated by Architect.
2. Do not proceed with remaining work until workmanship and color is approved by Architect.
3. Reinstall mock-up area as required to produce acceptable work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

1.8 PROJECT CONDITIONS

- A. 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.

1.9 WARRANTY

- A. Provide manufacturer's standard lifetime limited warranty on siding products, transferable to new owners.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: CertainTeed Corporation, Siding Products Group, P.O. Box 860, Valley Forge, Pennsylvania 19482. ASD. Tel: (800) 233-8990. Fax: (610) 341-7940; Email: ctsiding@certainteed.com; Web: www.certainteed.com.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Vinyl Siding, Soffit and Components: Provide products made of extruded polyvinyl chloride as specified in this section and manufactured to comply with requirements of ASTM D 3679.
 1. Provide elongated nailing slots on nailing flanges to allow for movement.
 2. Factory-notch ends of horizontal panels to form overlapping joints.
 3. Provide products that meet weathering requirements of ASTM D 3679.
- B. Polymer Shakes and Shingle Siding (Cedar Impressions): Thermoplastic Polyolefin (TPO): Provide siding materials made of modified polypropylene copolymer with cell classification of PP300A11220F00W2020103, as defined by ASTM D 4101, meeting or exceeding the following properties:
 1. Tensile strength: 3,500 psi (24,133 kPa), per ASTM D 638.
 2. Tensile modulus: 180,000 psi (1,241,100 kPa), per ASTM D 638.
 3. Flexural modulus: 180,000 psi (1,241,100 kPa), per ASTM D 790.
 4. Coefficient of linear thermal expansion: .000053 in/in/degree F, per ASTM D 696.
 5. Deflection temperature at 264 psi (1820 kPa): 160 degrees F (71 degrees C).

2.3 Polymer Shakes and Shingle Siding

- A. Cedar Impressions D7 Straight Edge Perfection Shingles:
1. Design: Double 7 inch (178 mm) shingle; cedar grain finish.
 2. Lock: Molded Perimeter Lock.
 3. Width: 14 inch (356 mm).
 4. Length: 4 feet (1.22 m) plus or minus .025 inch (6 mm).
 5. Average Thickness: 0.100 inch (2.54 mm).
 6. Panel Projection: 3/4 inch (19 mm).
 7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
 10. Color: As selected by Architect from manufacturer's standards.
 11. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Terra Cotta.
 - f. Mountain Cedar.
 - g. Hearthstone. Spruce.
 - h. Spruce.
 - i. Flagstone.
 - j. Granite Gray.
 - k. Cypress.
 - l. Buckskin.
 - m. Natural Clay.
 - n. Suede.
 - o. Savannah Wicker.
 - p. Sterling Gray.
 - q. Sandpiper.
 - r. Autumn Yellow.
 - s. Light Maple.
 - t. Desert Tan.
 - u. Herringbone.
 - v. Heritage Cream.
 - w. Sandstone Beige.
 - x. Coral
 - y. Mint
 - z. Sea Breeze
 - aa. Snow.
 - bb. Colonial White.
- B. Cedar Impressions D7 Staggered Perfection Shingles:
1. Design: Double 7 inch (178 mm) shingle; cedar grain finish.
 2. Lock: Molded Perimeter Lock.
 3. Width: 14 inch (356 mm).
 4. Length: 4 feet (1.22 m) plus or minus .025 inch (6 mm).
 5. Average Thickness: 0.100 inch (2.54 mm).
 6. Panel Projection: 3/4 inch (19 mm).

7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Terra Cotta.
 - f. Mountain Cedar.
 - g. Hearthstone. Spruce.
 - h. Spruce.
 - i. Flagstone.
 - j. Granite Gray.
 - k. Cypress.
 - l. Buckskin.
 - m. Natural Clay.
 - n. Suede.
 - o. Savannah Wicker.
 - p. Sterling Gray.
 - q. Sandpiper.
 - r. Autumn Yellow.
 - s. Light Maple.
 - t. Desert Tan.
 - u. Herringbone.
 - v. Heritage Cream.
 - w. Sandstone Beige.
 - x. Coral
 - y. Mint
 - z. Sea Breeze
 - aa. Snow.
 - bb. Colonial White.

C. Cedar Impressions T5 Perfection Shingles:

1. Design: Triple 5 inch (127 mm) shingle; cedar grain finish.
2. Lock: Molded Perimeter Lock.
3. Width: 15 inch (381 mm)
4. Length: 5 feet (1.52 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.100 inch (2.54 mm).
6. Panel Projection: 3/4 inch (19 mm).
7. Panel Exposure: 5 inches (127 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Granite Gray.
 - b. Cypress.
 - c. Buckskin.
 - d. Natural Clay.
 - e. Suede

- f. Savannah Wicker.
- g. Sterling Gray.
- h. Sandpiper.
- i. Autumn Yellow.
- j. Light Maple.
- k. Desert Tan.
- l. Herringbone.
- m. Heritage Cream.
- n. Sandstone Beige.
- o. Snow.
- p. Colonial White.

D. Cedar Impressions D7 Straight Edge Rough-Split Shakes:

- 1. Design: Double 7 inch (178 mm) shake; cedar shake finish.
- 2. Lock: Molded Perimeter Lock.
- 3. Width: 14 inch (356 mm).
- 4. Length: 57 inches plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.125 inch (3.18 mm).
- 6. Panel Projection: 1 inch (25 mm).
- 7. Panel Exposure: 7 inch (229 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Terra Cotta.
 - f. Mountain Cedar.
 - g. Hearthstone. Spruce.
 - h. Spruce.
 - i. Flagstone.
 - j. Granite Gray.
 - k. Cypress.
 - l. Buckskin.
 - m. Natural Clay.
 - n. Suede.
 - o. Savannah Wicker.
 - p. Sterling Gray.
 - q. Sandpiper.
 - r. Autumn Yellow.
 - s. Light Maple.
 - t. Desert Tan.
 - u. Herringbone.
 - v. Heritage Cream.
 - w. Sandstone Beige.
 - x. Snow.
 - y. Colonial White.

E. Cedar Impressions D9 Staggered Rough-Split Shakes:

- 1. Design: Double 9 inch (229 mm) shake; cedar shake finish.

2. Lock: Molded Perimeter Lock.
3. Width: 18 inch (458 mm).
4. Length: 57 inches plus or minus .025 inch (6 mm).
5. Average Thickness: 0.125 inch (3.18 mm).
6. Panel Projection: 1 inch (25 mm).
7. Panel Exposure: 9 inch (229 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Terra Cotta.
 - f. Mountain Cedar.
 - g. Hearthstone. Spruce.
 - h. Spruce.
 - i. Flagstone.
 - j. Granite Gray.
 - k. Cypress.
 - l. Buckskin.
 - m. Natural Clay.
 - n. Suede.
 - o. Savannah Wicker.
 - p. Sterling Gray.
 - q. Sandpiper.
 - r. Autumn Yellow.
 - s. Light Maple.
 - t. Desert Tan.
 - u. Herringbone.
 - v. Heritage Cream.
 - w. Sandstone Beige.
 - x. Snow.
 - y. Colonial White.

F. Cedar Impressions D6.25 Half Round Shingles:

1. Design: Double 6.25 inch (159 mm) shingle; cedar grain finish.
2. Lock: Molded Perimeter Lock.
3. Width: 12.5 inch (318 mm).
4. Length: 32 inches (813 mm) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.100 inch (2.54 mm).
6. Panel Projection: 3/4 inch (19 mm).
7. Panel Exposure: 6.25 inches (159 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Terra Cotta.

- f. Mountain Cedar.
- g. Hearthstone. Spruce.
- h. Spruce.
- i. Flagstone.
- j. Granite Gray.
- k. Cypress.
- l. Buckskin.
- m. Natural Clay.
- n. Suede.
- o. Savannah Wicker.
- p. Sterling Gray.
- q. Sandpiper.
- r. Autumn Yellow.
- s. Light Maple.
- t. Desert Tan.
- u. Herringbone.
- v. Heritage Cream.
- w. Sandstone Beige.
- x. Coral
- y. Mint
- z. Sea Breeze
- aa. Snow.
- bb. Colonial White.

2.4 VINYL SIDING

- G. Northwoods S7" Straight Edge Rough-Split Shakes:
 - 1. Design: Single 7 inches (178 mm) Straight Edge Rough-Split Shakes; hand-split cedar grain finish.
 - 2. Width: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
 - 3. Length: 10 feet (3.05 m) plus or minus .025 inch (6 mm).
 - 4. Average Thickness: 0.050 inch (1.3 mm).
 - 5. Panel projection: 1 inch (19 mm).
 - 6. Exposure: 7 inches (178 mm), single nailing hem.
 - 7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 - 8. Color: As selected by Architect from manufacturer's standards.
 - 9. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Flagstone.
 - f. Granite Gray.
 - g. Cypress.
 - h. Buckskin.
 - i. Natural Clay.
 - j. Savannah Wicker.
 - k. Sterling Gray.
 - l. Autumn Yellow.
 - m. Light Maple.
 - n. Desert Tan.
 - o. Heritage Cream.
 - p. Sandstone Beige.

q. Colonial White.

H. Northwoods S9" Staggered Rough-Split Shakes:

1. Design: Single 9 inches (203 mm) Straight Edge Rough-Split Shakes; hand-split cedar grain finish.
2. Width: 9 inches (203 mm) plus or minus .062 inch (1.57 mm).
3. Length: 10 feet (3.05 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.050 inch (1.3 mm).
5. Panel projection: 1 inch (19 mm).
6. Exposure: 9 inches (203 mm), single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Sable Brown.
 - b. Pacific Blue.
 - c. Ivy Green.
 - d. Barn Red.
 - e. Flagstone.
 - f. Granite Gray.
 - g. Cypress.
 - h. Buckskin.
 - i. Natural Clay.
 - j. Savannah Wicker.
 - k. Sterling Gray.
 - l. Autumn Yellow.
 - m. Light Maple.
 - n. Desert Tan.
 - o. Heritage Cream.
 - p. Sandstone Beige.
 - q. Colonial White.

I. Northwoods S10" Random Hand-Split Shakes:

1. Design: Single 10 inches (254 mm) random hand-split Shake; hand-split cedar grain finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 10 feet (3.05 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.050 inch (1.3 mm).
5. Panel projection: 1 inch (25 mm).
6. Exposure: 10 inches (254 mm), single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Natural Clay.
 - b. Savannah Wicker.
 - c. Sterling Gray.
 - d. Light Maple.
 - e. Desert Tan.
 - f. Heritage Cream.
 - g. Colonial White.

J. CedarBoards Insulated Siding:

1. Design: Double 6 inch (152 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Lock: DuraLock post formed lock design.
3. Width: 12 inch (305 mm).
4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.044 inch (1.1 mm).
6. Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm).
7. Panel Exposure: 6 inch (152 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Suede.
 - h. Natural Clay.
 - i. Buckskin.
 - j. Cypress.
 - k. Light Maple.
 - l. Sandpiper.
 - m. Sterling Gray.
 - n. Oxford Blue.
 - o. Granite Gray.
 - p. Arbor Blend.
 - q. Frontier Blend.
 - r. Timber Blend.

K. CedarBoards XL Insulated Siding:

1. Design: Double 6 inch (152 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Lock: DuraLock post formed lock design.
3. Width: 12 inch (305 mm).
4. Length: 16 feet 8 inches (5.08 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.044 inch (1.1 mm).
6. Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm).
7. Panel Exposure: 6 inch (152 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.

- j. Sterling Gray.
- k. Oxford Blue.
- l. Granite Gray.

L. CedarBoards Insulated Siding:

- 1. Design: Single 7 inch (178 mm) clapboard; rough cedar finish with STUDfinder Installation System.
- 2. Lock: DuraLock post formed lock design.
- 3. Width: 7 inch (178 m).
- 4. Length: 12 feet 3 inch (3.73 m). plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.044 inch (1.1 mm).
- 6. Panel Projection: Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm)).
- 7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Color: As selected by Architect from manufacturer's standards.
- 10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Suede.
 - h. Natural Clay.
 - i. Buckskin.
 - j. Cypress.
 - k. Light Maple.
 - l. Sandpiper.
 - m. Sterling Gray.
 - n. Oxford Blue.
 - o. Granite Gray.
 - p. Arbor Blend.
 - q. Frontier Blend.
 - r. Timber Blend.

M. CedarBoards Insulated Siding:

- 1. Design: Double 4.5 inch (114 mm) dutchlap; rough cedar finish with STUDfinder Installation System.
- 2. Lock: DuraLock post formed lock design.
- 3. Width: 9 inch (229 mm).
- 4. Length: 12 feet 1 inch (3.68 m). plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.044 inch (1.1 mm).
- 6. Panel Projection: 3/4 inch (15.9 mm). (With foam 1-1/4 inch (30 mm)).
- 7. Panel Exposure: 4.5 inches (114 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Color: As selected by Architect from manufacturer's standards.
- 10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.

- f. Savannah Wicker.
- g. Suede.
- h. Natural Clay.
- i. Buckskin.
- j. Cypress.
- k. Light Maple.
- l. Sandpiper.
- m. Sterling Gray.
- n. Oxford Blue.
- o. Granite Gray.

N. CedarBoards Insulated Siding:

- 1. Design: Double 4 inch (102 mm) clapboard; select cedar finish with STUDfinder Installation System.
- 2. Lock: DuraLock post formed lock design.
- 3. Width: 8 inch (203 mm).
- 4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.044 inch (1.1 mm).
- 6. Panel Projection: $\frac{3}{4}$ inch (15.9 mm) (With foam 1-1/4 inch (30 mm)).
- 7. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Color: As selected by Architect from manufacturer's standards.
- 10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Suede.
 - h. Natural Clay.
 - i. Buckskin.
 - j. Cypress.
 - k. Light Maple.
 - l. Sandpiper.
 - m. Sterling Gray.
 - n. Oxford Blue.
 - o. Granite Gray.

O. Millennium:

- 1. Design: Double 4 inch (102 mm) clapboard; select cedar finish with patented Nail-Tight flexible nailing hem.
- 2. Flex Hem: Allows for hard nailing reducing potential for installation variability.
- 3. Lock: DuraLock post formed lock design.
- 4. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
- 5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.044 inch (1.1 mm).
- 7. Panel Projection: $\frac{5}{8}$ inch (15.9 mm).
- 8. Exposure: 4 inches (102 mm).
- 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:

- a. Colonial White.
- b. Snow.
- c. Sandstone Beige.
- d. Heritage Cream.
- e. Desert Tan.
- f. Savannah Wicker.
- g. Natural Clay.
- h. Cypress.
- i. Light Maple.
- j. Herringbone.
- k. Silver Ash.
- l. Sterling Gray.
- m. Oxford Blue.
- n. Granite Gray.

P. Millennium:

1. Design: Double 4.5 inch (114 mm) dutchlap; select cedar finish with patented Nail-Tight flexible nailing hem.
2. Flex Hem: Allows for hard nailing reducing potential for installation variability.
3. Lock: DuraLock post formed lock design.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4.5 inches (114 mm) with patented flexible naitight nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Silver Ash.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

Q. Wolverine Restoration Smooth:

1. Design: Triple 3 inch (76 mm) clapboard, restoration smooth finish with STUDfinder Installation System.
2. Nail Hem: StormRoll Hem Roll Over Nail Hem.
3. Lock: GripLock.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).

8. Exposure: 3 inches (76 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Silver Ash.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

R. Wolverine Restoration Smooth:

1. Design: Double 4.5 inch (114 mm) clapboard, restoration smooth finish with STUdfinder Installation System.
2. Nail Hem: StormRoll Hem Roll Over Nail Hem.
3. Lock: GripLock.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4.5 inches (114 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Silver Ash.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

S. Wolverine Restoration Smooth:

1. Design: Double 4.5 inch (114 mm) dutchlap, restoration smooth finish with STUdfinder Installation System.
2. Nail Hem: StormRoll Hem Roll Over Nail Hem.
3. Lock: GripLock.

4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4.5 inches (114 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Silver Ash.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

T. Monogram 46:

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 8 inch (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Coral.
 - e. Mint.
 - f. Sea Breeze.
 - g. Heritage Cream.
 - h. Autumn Yellow.
 - i. Desert Tan.
 - j. Savannah Wicker.
 - k. Suede.
 - l. Natural Clay.
 - m. Buckskin.
 - n. Cypress.
 - o. Light Maple.
 - p. Sterling Gray.

- q. Summer Wheat.
- r. Woodland Mist.
- s. Herringbone.
- t. Silver Ash.
- u. Sterling Gray.
- v. Oxford Blue.
- w. Granite Gray.
- x. Glacier Blend.
- y. Meadow Blend.
- z. Canyon Blend.
- aa. Timber Blend.
- bb. Frontier Blend.
- cc. Weathered Blend.
- dd. Arctic Blend.
- ee. Arbor Blend.
- ff. Barn Red.
- gg. Flagstone.
- hh. Ivy Green.
- ii. Pacific Blue.
- jj. Sable Brown.

U. Monogram 46:

1. Design: Double 5 inch (127 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Buckskin.
 - i. Cypress.
 - j. Light Maple.
 - k. Summer Wheat.
 - l. Woodland Mist.
 - m. Herringbone.
 - n. Silver Ash.
 - o. Sterling Gray.
 - p. Oxford Blue.
 - q. Granite Gray.

V. Monogram:

1. Design: Double 5 inch (127 mm) dutchlap; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Buckskin.
 - i. Cypress.
 - j. Light Maple.
 - k. Summer Wheat.
 - l. Woodland Mist.
 - m. Herringbone.
 - n. Silver Ash.
 - o. Sterling Gray.
 - p. Oxford Blue.
 - q. Granite Gray.
 - r. Glacier Blend.
 - s. Meadow Blend.
 - t. Canyon Blend.
 - u. Timber Blend.
 - v. Frontier Blend.
 - w. Weathered Blend.
 - x. Arctic Blend.
 - y. Arbor Blend.

W. Monogram 46L

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 8 inch (203 mm).
5. Length: 16 feet 8 inches (5.08 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.

11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.
 - g. Cypress.
 - h. Light Maple.
 - i. Silver Ash.
 - j. Sterling Gray.
 - k. Oxford Blue.
 - l. Granite Gray.

X. Monogram 46L

1. Design: Double 5 inch (127 mm) dutchlap; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 16 feet (4.88 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.
 - g. Cypress.
 - h. Light Maple.
 - i. Silver Ash.
 - j. Sterling Gray.
 - k. Oxford Blue.
 - l. Granite Gray.

Y. Monogram 46L

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 8 inch (203 mm).
5. Length: 20 feet (6.10 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.

11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.
 - g. Cypress.
 - h. Light Maple.
 - i. Silver Ash.
 - j. Sterling Gray.
 - k. Oxford Blue.
 - l. Granite Gray.

Z. Monogram 46L

1. Design: Double 5 inch (127 mm) dutchlap; rough cedar finish with STUdfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 20 feet (6.10 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.
 - g. Cypress.
 - h. Light Maple.
 - i. Silver Ash.
 - j. Sterling Gray.
 - k. Oxford Blue.
 - l. Granite Gray.

AA. Board & Batten:

1. Design: Single 8 inch (203 mm) vertical; rough cedar finish
2. Width: 8 inch (203 mm).
3. Length:
 - a. 12 feet 6 inches (3.81 m).
 - b. 10 feet (3.05 m).
4. Average Thickness: 0.048 inch (1.2 mm).
5. Panel Projection: 1/2 inch (12.7 mm).
6. Panel Exposure: 8 inch (203 mm) plus or minus .025 inch (6 mm).
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:

- a. Colonial White.
- b. Snow.
- c. Sandstone Beige.
- d. Heritage Cream.
- e. Herringbone.
- f. Desert Tan.
- g. Savannah Wicker.
- h. Natural Clay.
- i. Cypress.
- j. Light Maple.
- k. Sterling Gray.
- l. Granite Gray.

BB. Carolina Beaded:

- 1. Design: Single 6.5 inch (165 mm) beaded; brushed finish with STUDfinder Installation System.
- 2. Width: 6.5 inch (165 mm).
- 3. Length: 12 feet 4 inches (3.76 m).
- 4. Average Thickness: 0.044 inch (1.1 mm).
- 5. Panel Projection: 3/4 inch (19 mm).
- 6. Panel Exposure: 6.5 inch (165mm) plus or minus .062 inch (1.57 mm).
- 7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Silver Ash.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

CC. Classic:

- 1. Design: Double 4 inch (102 mm) clapboard, select cedar finish with STUDfinder Installation System.
- 2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
- 3. Lock: DuraLock post formed lock design.
- 4. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
- 5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.044 inch (1.1 mm).
- 7. Panel Projection: 5/8 inch (15.9 mm).
- 8. Exposure: 4 inches (102 mm) with single nailing hem.
- 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:

- a. Colonial White.
- b. Snow.
- c. Sandstone Beige.
- d. Heritage Cream.
- e. Desert Tan.
- f. Savannah Wicker.
- g. Natural Clay.
- h. Cypress.
- i. Light Maple.
- j. Herringbone.
- k. Warm Sand.
- l. Sterling Gray.
- m. Oxford Blue.
- n. Granite Gray.

DD. Classic:

- 1. Design: Double 5 inch (127 mm) clapboard, select cedar finish with STUDfinder Installation System.
- 2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
- 3. Lock: DuraLock post formed lock design.
- 4. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.044 inch (1.1 mm).
- 7. Panel Projection: 5/8 inch (15.9 mm).
- 8. Exposure: 5 inches (127 mm) single nailing hem with patented stabilizer reinforcement.
- 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Warm Sand.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

EE. Classic:

- 1. Design: Double 4.5 inch (114 mm) dutchlap, select cedar finish with STUDfinder Installation System.
- 2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
- 3. Lock: DuraLock post formed lock design.
- 4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
- 5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.044 inch (1.1 mm).

7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4.5 inches (114 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Warm Sand.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

FF. MainStreet:

1. Design: Double 4 inch (102 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 8 inch (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Autumn Yellow.
 - f. Desert Tan.
 - g. Savannah Wicker.
 - h. Natural Clay.
 - i. Cypress.
 - j. Light Maple.
 - k. Silver Ash.
 - l. Sterling Gray.
 - m. Oxford Blue.
 - n. Granite Gray.

GG. MainStreet:

1. Design: Triple 3 inch (76 mm) clapboard; brushed finish with STUDfinder Installation System.

2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 9 inch (229 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 3 inch (76 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Light Maple.
 - i. Silver Ash.
 - j. Sterling Gray.
 - k. Oxford Blue.

HH. MainStreet:

1. Design: Double 5 inch (127 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Silver Ash.
 - k. Sterling Gray.
 - l. Oxford Blue.
 - m. Granite Gray.

II. MainStreet:

1. Design: Double 4 inch (102 mm) dutchlap; woodgrain finish with STUDfinder Installation System.

2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 8 inch (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Silver Ash.
 - k. Sterling Gray.
 - l. Oxford Blue.
 - m. Granite Gray.

JJ. MainStreet:

1. Design: Double 5 inch (127 mm) dutchlap; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Silver Ash.
 - k. Sterling Gray.
 - l. Oxford Blue.
 - m. Granite Gray.

KK. MainStreet:

1. Design: Single 6.5 inch (165 mm) beaded; brushed finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 6.5 inch (165 mm).
5. Length: 12 feet 4 inch (3.76 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 6.5 inch (165mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Light Maple.
 - i. Silver Ash.
 - j. Sterling Gray.
 - k. Oxford Blue.
 - l. Cypress.
 - m. Granite Gray.

LL. MainStreet:

1. Design: Single 8 inch (203 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 8 inch (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Panel Exposure: 8 inch (203 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color shall be as follows:
 - a. Colonial White.

MM. Wolverine American Legend:

1. Design: Double 4 inch (102 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Lock: GripLock.
3. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.042 inch (1.07 mm).
6. Panel Projection: 9/16 inch (14.3 mm).
7. Exposure: 4 inches (102 mm) with single nailing hem.
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.

10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Light Maple.
 - g. Savannah Wicker.
 - h. Herringbone.
 - i. Oxford Blue.
 - j. Heritage Cream.
 - k. Warm Sand.
 - l. Pale Ivory.
 - m. Cypress.
 - n. Granite Gray.

NN. Wolverine American Legend:

1. Design: Double 5 inch (127 mm) clapboard, woodgrain finish STUDfinder Installation System.
2. Lock: GripLock.
3. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
4. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.042 inch (1.07 mm).
6. Panel Projection: 9/16 inch (14.3 mm).
7. Exposure: 5 inches (127 mm) with single nailing hem.
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Light Maple.
 - g. Savannah Wicker.
 - h. Herringbone.
 - i. Oxford Blue.
 - j. Heritage Cream.
 - k. Warm Sand.
 - l. Pale Ivory.
 - m. Cypress.
 - n. Granite Gray.

OO. Wolverine American Legend:

1. Design: Double 4.5 inch (114 mm) dutchlap, woodgrain finish with STUDfinder Installation System.
2. Lock: GripLock.
3. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
4. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.042 inch (1.07 mm).
6. Panel Projection: 9/16 inch (14.3 mm).

7. Exposure: 4.5 inches (114 mm) with single nailing hem.
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Light Maple.
 - g. Savannah Wicker.
 - h. Herringbone.
 - i. Oxford Blue.
 - j. Heritage Cream.
 - k. Warm Sand.
 - l. Pale Ivory.
 - m. Cypress.
 - n. Granite Gray.

PP. Wolverine American Legend:

1. Design: Single 8 inch (203 mm) clapboard, brushed finish with STUDfinder Installation System.
2. Lock: GripLock.
3. Width: 8 inch (203 mm) plus or minus .062 inch (1.57 mm).
4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.042 inch (1.07 mm).
6. Panel Projection: 11/16 inch (17.5 mm).
7. Exposure: 8 inches (203 mm) with single nailing hem.
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color shall be as follows:
 - a. Snow.

QQ. Hamilton Park:

1. Design: Double 4 inches (102 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 135 technology.
3. Lock: Post formed lock design.
4. Width: 8 inches (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.0 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.

- g. Light Maple.
- h. Silver Ash.
- i. Sterling Gray.
- j. Oxford Blue.

RR. Hamilton Park:

1. Design: Double 5 inch (127 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 135 Roll Over Nail Hem.
3. Lock: Post formed lock design.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.0 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.
 - g. Light Maple.
 - h. Silver Ash.
 - i. Sterling Gray.
 - j. Oxford Blue.

SS. Hamilton Park:

1. Design: Double 4.5 inch (114 mm) dutchlap; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 135 Roll Over Nail Hem.
3. Lock: Post formed lock design.
4. Width: 9 inch (229 mm).
5. Length: 12 feet 1 inch (3.68 m).
6. Average Thickness: 0.040 inch (1.0 mm).
7. Panel Projection: 7/16 inch (11 mm).
8. Panel Exposure: 4.5 inches (114 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Sandstone Beige.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Natural Clay.
 - g. Light Maple.
 - h. Silver Ash.
 - i. Sterling Gray.

j. Oxford Blue.

TT. Wolverine Encore:

1. Design: Double 4 inch (102 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
3. Lock: Wind-Resistant Lock.
4. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.00 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Exposure: 4 inches (102 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Savannah Wicker.
 - g. Herringbone.
 - h. Oxford Blue.
 - i. Heritage Cream.
 - j. Warm Sand.
 - k. Pale Ivory.

UU. Wolverine Encore:

1. Design: Double 5 inch (127 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
3. Lock: Wind-Resistant Lock.
4. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.00 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Exposure: 5 inches (127 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Savannah Wicker.
 - g. Herringbone.
 - h. Oxford Blue.
 - i. Heritage Cream.
 - j. Warm Sand.
 - k. Pale Ivory.

VV. Wolverine Encore:

1. Design: Double 4.5 inch (114 mm) dutchlap, woodgrain finish with STUDfinder Installation System.
2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
3. Lock: Wind-Resistant Lock.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.0 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Exposure: 4.5 inches (114 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Savannah Wicker.
 - g. Herringbone.
 - h. Oxford Blue.
 - i. Heritage Cream.
 - j. Warm Sand.
 - k. Pale Ivory.

WW. Wolverine Encore:

1. Design: Triple 3 inch (76 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
3. Lock: Wind-Resistant Lock.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.0 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Exposure: 3 inches (76 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Sterling Gray.
 - e. Natural Clay.
 - f. Savannah Wicker.
 - g. Herringbone.
 - h. Oxford Blue.
 - i. Heritage Cream.
 - j. Warm Sand.
 - k. Pale Ivory.

XX. Wolverine Newtown:

1. Design: Double 4 inch (102 mm) clapboard, woodgrain finish.

2. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.00 mm).
5. Panel Projection: 7/16 inch (11.1 mm).
6. Exposure: 4 inches (102 mm) with single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Desert Tan.
 - b. Heritage Cream.
 - c. Herringbone.
 - d. Light Maple.
 - e. Savannah Wicker.
 - f. Snow.
 - g. Sterling Gray.
 - h. Natural Clay.

YY. Wolverine Newtown:

1. Design: Double 5 inch (127 mm) clapboard, woodgrain finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.00 mm).
5. Panel Projection: 7/16 inch (11.1 mm).
6. Exposure: 5 inches (127 mm) with single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Desert Tan.
 - b. Heritage Cream.
 - c. Herringbone.
 - d. Light Maple.
 - e. Savannah Wicker.
 - f. Snow.
 - g. Sterling Gray.
 - h. Natural Clay.

ZZ. Wolverine Newtown:

1. Design: Double 5 inch (127 mm) dutchlap, woodgrain finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.00 mm).
5. Panel Projection: 7/16 inch (11.1 mm).
6. Exposure: 5 inches (127 mm) with single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Desert Tan.
 - b. Heritage Cream.
 - c. Herringbone.
 - d. Light Maple.
 - e. Savannah Wicker.

- f. Snow.
- g. Sterling Gray.
- h. Natural Clay.

2.5 VINYL CARPENTRY SOFFITS

AAA. Beaded T2 inch soffit, solid.

- 1. Design: Triple 2 inch (51 mm) solid; smooth finish.
- 2. Width: 6 inches (152 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
- 4. Average Thickness: 0.039 inch (1.0 mm).
- 5. Exposure: 2 inches (51 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Sterling Gray.
 - g. Sandstone Beige.
 - h. Natural Clay.

BBB. Beaded T2 inch soffit, invisibly vented.

- 1. Design: Triple 2 inches (51 mm) vented; smooth finish.
- 2. Width: 6 inches (152 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
- 4. Average Thickness: 0.039 inch (1.0 mm).
- 5. Exposure: 2 inches (51 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Ventilation: 1.06 sq. inches per sq. ft.
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Heritage Cream.
 - d. Desert Tan.
 - e. Savannah Wicker.
 - f. Sterling Gray.
 - g. Sandstone Beige.
 - h. Natural Clay.

CCC. Triple 3-1/3 inch (85 mm) soffit – Solid

- 1. Design: Triple 3-1/3 inch (85 mm) solid; matte finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 4. Average Thickness: 0.044 inch (1.1 mm).
- 5. Exposure: 3-1/3 inches (84.66 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Colonial White.

- b. Snow.
- c. Sandstone Beige.
- d. Heritage Cream.
- e. Desert Tan.
- f. Savannah Wicker.
- g. Natural Clay.
- h. Cypress.
- i. Light Maple.
- j. Herringbone.
- k. Sterling Gray.
- l. Granite Gray.

DDD. Triple 3-1/3 inch (85 mm) InvisiVent soffit – Invisibly Vented.

- 1. Design: Triple 3-1/3 inch (85 mm) invisibly vented; matte finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 4. Ventilation: >10.0" N.F.A. /sq. ft.
- 5. Average Thickness: 0.044 inch (1.1 mm).
- 6. Exposure: 3-1/3 inches (84.66 mm) single nailing hem.
- 7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Sandstone Beige.
 - d. Heritage Cream.
 - e. Desert Tan.
 - f. Savannah Wicker.
 - g. Natural Clay.
 - h. Cypress.
 - i. Light Maple.
 - j. Herringbone.
 - k. Sterling Gray.
 - l. Granite Gray.

EEE. Ironmax D5 inch soffit, solid.

- 1. Design: Double 5 inches (127 mm) solid; woodgrain finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
- 4. Average Thickness: 0.046 inch (1.2 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Heritage Cream.
 - e. Light Maple.
 - f. Sandstone Beige.
 - g. Savannah Wicker.
 - h. Silver Ash.

- i. Sterling Gray.
- j. Summer Wheat.
- k. Woodland Mist.
- l. Herringbone.
- m. Warm Sand.
- n. Natural Clay.
- o. Oxford Blue.
- p. Canyon Blend.
- q. Glacier Blend.
- r. Meadow Blend.
- s. Arbor Blend.
- t. Arctic Blend.
- u. Frontier Blend.
- v. Timber Blend.
- w. Weathered Blend.

FFF. Ironmax D5 inch soffit, fully vented.

- 1. Design: Double 5 inches (127 mm) fully vented; woodgrain finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 4. Average Thickness: 0.046 inch (1.2 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Ventilation: 6.42 sq. inches per sq. ft.
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan.
 - d. Heritage Cream.
 - e. Light Maple.
 - f. Sandstone Beige.
 - g. Savannah Wicker.
 - h. Silver Ash.
 - i. Sterling Gray.
 - j. Summer Wheat.
 - k. Woodland Mist.
 - l. Herringbone.
 - m. Warm Sand.
 - n. Natural Clay.
 - o. Oxford Blue.
 - p. Canyon Blend.
 - q. Glacier Blend.
 - r. Meadow Blend.
 - s. Arbor Blend.
 - t. Arctic Blend.
 - u. Frontier Blend.
 - v. Timber Blend.
 - w. Weathered Blend.

GGG. Universal T4 inch soffit, solid.

- 1. Design: Triple 4 inches (102 mm).solid; matte finish.

2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.040 inch (1.0 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color: As selected by Architect from manufacturer's standards.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Autumn Yellow.
 - d. Desert Tan.
 - e. Heritage Cream.
 - f. Light Maple.
 - g. Coral.
 - h. Mint.
 - i. Sea Breeze.
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Silver Ash.
 - m. Sandpiper.
 - n. Sterling Gray.
 - o. Summer Wheat.
 - p. Woodland Mist.
 - q. Herringbone.
 - r. Warm Sand.
 - s. Buckskin.
 - t. Cypress.
 - u. Flagstone.
 - v. Granite Gray.
 - w. Natural Clay.
 - x. Suede.
 - y. Oxford Blue.
 - z. Terra Cotta.
 - aa. Mountain Cedar.
 - bb. Hearthstone.
 - cc. Spruce.
 - dd. Pacific Blue.
 - ee. Barn Red.
 - ff. Ivy Green.
 - gg. Sable Brown.
 - hh. Musket Brown.
 - ii. Pale Ivory.

HHH. Universal T4 inch soffit, center vented.

1. Design: Triple 4 inches (102 mm) center vented; matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.0 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 1.95 sq. inches per sq. ft.
8. Color: As selected by Architect from manufacturer's standards.

9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.

III. Universal T4 inch soffit, fully vented.

1. Design: Triple 4 inches (102 mm); fully vented, matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.0 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 5.85 sq. inches per sq. ft.
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Autumn Yellow.
 - d. Desert Tan.
 - e. Heritage Cream.
 - f. Light Maple.
 - g. Coral.
 - h. Mint.
 - i. Sea Breeze.
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Silver Ash.
 - m. Sandpiper.
 - n. Sterling Gray.
 - o. Summer Wheat.
 - p. Woodland Mist.
 - q. Herringbone.
 - r. Warm Sand.
 - s. Buckskin.
 - t. Cypress.
 - u. Flagstone.
 - v. Granite Gray.
 - w. Natural Clay.
 - x. Suede.
 - y. Oxford Blue.
 - z. Terra Cotta.
 - aa. Mountain Cedar.
 - bb. Hearthstone.
 - cc. Spruce.
 - dd. Pacific Blue.
 - ee. Barn Red.
 - ff. Ivy Green.
 - gg. Sable Brown.
 - hh. Musket Brown.
 - ii. Pale Ivory.

JJJ. Value T4 inch soffit, solid.

1. Design: Triple 4 inches (102 mm).solid; matte finish.

2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.036 inch (0.9 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan
 - d. Heritage Cream
 - e. Herringbone
 - f. Light Maple
 - g. Savannah Wicker
 - h. Sterling Gray
 - i. Natural Clay

KKK. Value T4 inch soffit, fully vented.

1. Design: Triple 4 inches (102 mm); matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.036 inch (0.9 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 5.85 sq. inches per sq. ft.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan
 - d. Heritage Cream
 - e. Herringbone
 - f. Light Maple
 - g. Savannah Wicker
 - h. Sterling Gray
 - i. Natural Clay

LLL. Value T4 inch soffit, center vented.

1. Design: Triple 4 inches (102 mm); center vented, matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.036 inch (0.9 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.

MMM. Value D5 inch soffit, solid.

1. Design: Double 5 inches (127 mm); solid matte finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.038 inch (1.0 mm).
5. Exposure: 5 inches (127 mm) single nailing hem.

6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan
 - d. Heritage Cream
 - e. Herringbone
 - f. Light Maple
 - g. Savannah Wicker
 - h. Sterling Gray
 - i. Natural Clay

NNN. Value D5 inch soffit, fully vented.

1. Design: Double 5 inches (127 mm); matte finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.038 inch (1.0 mm).
5. Exposure: 5 inches (127 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 5.850 inches per sq. ft.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.
 - c. Desert Tan
 - d. Heritage Cream
 - e. Herringbone
 - f. Light Maple
 - g. Savannah Wicker
 - h. Sterling Gray
 - i. Natural Clay

OOO. Soffit Accessories:

1. J-Channel: 3/8 inch (10 mm) by 12 feet, 6 inch (3.81 m) length, for vertical and eave applications.
2. F-Channel: 5/8 inch (15.88 mm) and 3/4 inch (19 mm) by 12 feet 6 inches (3.81 m) length.
3. Soffit Double Channel Lineal: 3/8 inch (10 mm) or 1/2 inch (12.7 mm) by 12 feet, 6 inches (3.81 m) length, for eave applications.
4. Soffit Cove Trim: 1/2 inch (12.7 mm) by 12 feet, 6 inches (3.81 m) length.
5. Color: Match soffit color.

2.6 VINYL CARPENTRY ACCESSORIES

PPP. Standard Accessories:

1. Corner post: Standard width, 10 feet (3.05 m) and 12 feet (3.66 m) lengths.
2. J-Channel: Standard width, 12 feet, 6 inches (3.81 m) length.
3. Undersill trim.
4. Dual undersill trim: 12 feet 6 inches (3.81 m) length.
5. 2-1/2 inch (64 mm) Metal Starter Strip.
6. Color: _____.

QQQ. 1-1/4 Inch Pocket Accessories:

1. Cornerpost: Standard width, 10 feet; (3.05 m) length.
2. J-Channel: Standard width, 12 feet, 6 inches (3.81 m) length.
3. Traditional SuperCorner: 5.5 (140 mm) inches by 20 feet (140 mm by 6.1 m) length.
4. Inside Cornerpost; Standard width, 10 feet (3.05 m) length.
5. 3-1/2 inch (89 mm) Lineal by 20 feet (6.09 m) length.
6. Starter Strip: 3 inches (76 mm) by 12 feet, 6 inches (3.81) m length.
7. Band Board: 7-1/4"(184 mm) width by 16'8" (5.08m) length
8. Finish Board: 3-1/2"(88.9mm) width by 12'6" 3.81 m) length
9. Color: _____.

RRR. Optional Accessories:

1. D7 Perfection Mitered Corner Post, 14 inches (355.6 mm).
2. D7 Perfection Mitered inside Corner Post, 14 inches (355.6 mm)
3. T5 Perfection Mitered Corner Post, 15 inches (381 mm).
4. D7Rough-Split Mitered Corner Post, 14 inches (355.6 mm)
5. D9 Rough-Split Mitered Corner Post, 18.5 inches (453.25 mm).
6. 2-1/2 inch (64 mm) Window and Door Casing.
7. 2-1/2 inch (64 mm) Vinyl Starter Strip.
8. 5 inch (127 mm) Lineal: 5 inch by 20 feet (127 mm by 6.1 m) length.
9. 3-1/2 inch (89 mm) Lineal: 3-1/2 inches by 12 feet, 6 inches (89 mm by 3.81 m) length.
10. Cornice Molding (64 mm).
11. 3-1/2 inches (89 mm) Snap-on Lineal: 3-1/2 inch by 12 feet 6 inches (89 mm by 3.81 m) length.
12. Crown Molding: 2-1/2 inches by 10 feet (64 mm by 3.05 m) length.
13. SuperCorners:
 - a. Fluted – 5-1/2 inches by 20 feet (140 mm by 6.1 m) length.
 - b. Traditional – 6 inches by 20 feet (152 mm by 6.1 m) length.
 - c. Beaded – 6 inches by 20 feet (152 mm by 6.1 m) length.
14. Color: _____.

2.7 FASTENERS

Provide galvanized or other corrosion-resistant nails as recommended by manufacturer of siding products.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Examine, clean, and repair as necessary any substrate conditions which would be detrimental to proper installation.
- B. Do not begin installation until unacceptable conditions have been corrected.

3.3 INSTALLATION

- A. Install products in accordance with the latest printed instructions of the manufacturer. Installer should have current Master Craftsman credentials.
- B. Install products with all components true and plumb.
- C. Nail horizontal panels by placing nail in center of slot. Nail vertical panels by placing first nail at top of top slot and remaining nails in center of slots. Drive nails straight, leaving 1/16 inch (1.6 mm) space between nail head and flange of panel.
- D. Allow space between both ends of siding panels and trim for thermal movement. Overlap horizontal panel ends one-half the width of factory pre-cut notches.
- E. Stagger lap joints in horizontal siding in uniform pattern as successive courses of siding are installed.
- F. Install J-channel and flashing to accommodate successive courses of vertical siding. Install wood shims at building corners to bring cut edges of vertical siding out to correct plane.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

3.5 CLEANING

- A. At completion of work, remove debris caused by siding installation from project site.

END OF SECTION