



SECTION 07464

SIMULATED WOOD SIDING

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Solid Vinyl Siding.
- B. Vinyl Accessories and Trim.
- C. Vinyl Soffits.

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 - Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
- B. ASTM D 696 - Standard Test Method for Coefficient of Linear Thermal Expansion Between - 30 degrees C and 30 degrees C.
- C. ASTM D 1435 - Standard Test Method for Outdoor Weathering of Plastics.
- D. ASTM D 1929 - Standard Test Method for Ignition Properties of Plastics.
- E. ASTM D 3679 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding.
- F. ASTM D 4226 - Standard Test Method for Impact Resistance of PVC Building Products.
- G. ASTM D 4477 - Specification for Rigid (Unplasticized) Poly (Vinyl Chloride) (PVC) Soffit.
- H. ASTM D-4756 - Practice for the Installation of Rigid Poly (Vinyl Chloride) (PVC) Siding and Soffit.

I. ASTM D 5206 - Standard Wind load Resistance Test.

1.4 PERFORMANCE REQUIREMENTS

Provide vinyl siding products that meet or exceed the requirements of ASTM D3679.

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.
- E. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

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 surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.
 - 4. Accepted mock-ups shall be comparison standard for remaining Work

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products flat, under cover in manufacturer's unopened packaging until ready for installation.
- B. Stack no more than 12 boxes high.
- C. Do not store in location where temperatures may exceed 130 degrees F.

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 limited warranty on siding products, transferable to new owners.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: CertainTeed Corp., CertainTeed Siding, which is located at: 750 E. Swedesford Rd. P. O. Box 860 ; Valley Forge, PA 19482; Toll Free Tel: 800-233-8990; Fax: 610-341-7940; Email: [request info](#); Web: www.certainteed.com/CertainTeed/Pro/Design+Professional/Siding
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Provide siding, soffit and accessory materials that:
 - 1. Provide elongated nailing slots on nailing flanges to allow for movement.
 - 2. Provide factory-notch ends of horizontal panels to form overlapping joints.
 - 3. Meet weathering requirements of ASTM D 1435.
 - 4. Meet all requirements of ASTM D 3679.

2.3 VINYL SIDING AND TRIM

- A. Vinyl Siding Type _____:
 - 1. Acceptable Product:
 - a. Vytec Eminence D4.5 Vinyl Siding.
 - b. Vytec Eminence D4.5 DL Vinyl Siding.
 - 2. Product Description:
 - a. Double 4-1/2 inch (114 mm) Traditional, Low Gloss, woodgrain finish.
 - b. Double 4-1/2 inch (114 mm) Dutch Lap, Low Gloss, woodgrain finish.
 - c. Heavy duty Gorilla-Lok System with double rolled over nail hem.
 - 3. Physical Characteristics:
 - a. Average Thickness: 0.046 inch (1.16 mm), plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .750 inch (19.05 mm), nominal.
 - c. Piece length: 13 feet 4 inches (4.064 m), nominal.
 - d. Exposure: 9 inches (228 mm), nominal.
 - 4. Color: As selected by Architect from manufacturer's standard colors.
 - 5. Color shall be as follows:
 - a. Clipper Gray.
 - b. Twilight Gray.
 - c. Tundra Moss.
 - d. Driftwood.
 - e. Southwestern Sand.
 - f. California Coast.
 - g. Sierra Brown.
 - h. Lakeshore Blue.
 - i. White.
 - j. Autumn Leaf.
 - k. Irish Linen.
 - l. Spring Meadow.
 - m. Country Almond.
 - n. Antique Ivory.
 - o. Canyon Ridge.
 - p. Autumn Ash.
 - q. Desert.
 - r. Castle Stone.

- B. Vinyl Siding Type_____:
1. Acceptable Product:
 - a. Vytec Eminence 20' D4.5 Vinyl Siding.
 - b. Vytec Eminence 20' D4.5 DL Vinyl Siding.
 2. Product Description:
 - a. Double 4-1/2 inch (114 mm) Traditional, Low Gloss, woodgrain finish.
 - b. Double 4-1/2 inch (114 mm) Dutch Lap, Low Gloss, woodgrain finish.
 - c. Heavy duty Gorilla-Lok System with double rolled over nail hem
 3. Physical Characteristics:
 - a. Average Thickness: 0.046 inch (1.16 mm), plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .750 inch (19.05 mm), nominal.
 - c. Piece length: 20 feet (6.096 m), nominal.
 - d. Exposure: 9 inches (228 mm), nominal.
 4. Color: As selected by Architect from manufacturer's standard colors.
 5. Color shall be as follows:
 - a. Clipper Gray.
 - b. Twilight Gray.
 - c. Tundra Moss.
 - d. Driftwood.
 - e. Southwestern Sand.
 - f. California Coast.
 - g. Sierra Brown.
 - h. Lakeshore Blue.
 - i. White.
 - j. Autumn Leaf.
 - k. Irish Linen.
 - l. Spring Meadow.
 - m. Country Almond.
 - n. Antique Ivory.
 - o. Canyon Ridge.
 - p. Autumn Ash.
 - q. Desert.
 - r. Castle Stone.

- C. Vinyl Siding Type_____:
1. Acceptable Product:
 - a. Vytec Prestige D4.5 Vinyl Siding.
 - b. Vytec Prestige D4.5 DL Vinyl Siding.
 - c. Vytec Prestige D5 DL Vinyl Siding.
 2. Product Description:
 - a. Double 4-1/2 inch (114 mm) Traditional, Low Gloss, woodgrain finish.
 - b. Double 4-1/2 inch (114 mm) Dutch Lap, Low Gloss, woodgrain finish.
 - c. Double 5 inch (127 mm) Dutch Lap, Low Gloss, woodgrain finish.
 - d. Double rolled over nail hem.
 3. Physical Characteristics:
 - a. Average Thickness: 0.044 inch (1.11 mm), plus or minus 0.001 inch (.025 mm).
 - b. Butt height:
 - 1) .560 inch (14.22 mm) - nominal.
 - c. Piece length:
 - 1) 12 feet 11-1/8 inch (3.94 m) - D4.5 & D4.5 DL nominal.
 - 2) 12 feet 11-1/2 inch (3.94 m) - D5, nominal.
 - d. Exposure:
 - 1) 9 inches (228 mm) - D4.5 & D4.5 DL nominal.
 - 2) 10 inches (250 mm) - D5, nominal.

4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. Clipper Gray.
 - b. Twilight Gray.
 - c. Tundra Moss.
 - d. Southwestern Sand.
 - e. Sierra Brown.
 - f. Lakeshore Blue.
 - g. White.
 - h. Autumn Leaf.
 - i. Irish Linen.
 - j. Spring Meadow.
 - k. Country Almond.
 - l. Antique Ivory.
 - m. Canyon Ridge.
 - n. Autumn Ash.
 - o. Desert.
 - p. Castle Stone.
 - q. Forest
 - r. Harbour
 - s. Redwood
 - t. Shoreline
 - u. Smokestone

D. Vinyl Siding Type_____:

1. Acceptable Product:
 - a. Vytec Yukon Board D6 Insulated Vinyl Siding
 - b. Vytec Yukon Board D5 DL Insulated Vinyl Siding
2. Product Description:
 - a. Double 6 inch (152 mm) Traditional, Low Gloss, woodgrain finish.
 - b. Double 5 inch (127 mm) Dutch Lap, Low Gloss, woodgrain finish
 - c. Double rolled over nail hem.
3. Physical Characteristics:
 - a. Average Thickness: 0.044 inch (1.11 mm), plus or minus 0.001 inch (.025 mm).
 - b. Butt height: 1.125 inch (28.58 mm) nominal.
 - c. Piece length:
 - 1) 12 feet (3.65 m) - D6, nominal.
 - 2) 12 feet (3.65 m) - D5, nominal.
 - d. Exposure:
 - 12 inches (300 mm) - D6 nominal.
 - 10 inches (250 mm) - D5, nominal.
4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. Clipper Gray.
 - b. Twilight Gray.
 - c. Southwestern Sand.
 - d. Sierra Brown.
 - e. White.
 - f. Irish Linen...
 - g. Country Almond.
 - h. Antique Ivory.
 - i. Autumn Ash.
 - j. Desert.

E. Vinyl Siding Type_____:

1. Acceptable Product:
 - a. Vytec Proside LG D4.5 Vinyl Siding.
 - b. Vytec Proside LG D4.5 DL Vinyl Siding.
 - c. Vytec Proside LG D4.0 Vinyl Siding.
 - d. Vytec Proside LG Single row 8 inch Vinyl Siding.
2. Product Description:
 - a. Double 4-1/2 inch (114 mm) Traditional, Low Gloss, Single row nailing hem, woodgrain finish.
 - b. Double 4-1/2 inch (114 mm) Dutch Lap, Low Gloss, Single row nailing hem, woodgrain finish.
 - c. Double 4.0 inch (102 mm) Traditional, Low Gloss, Single row nailing hem, woodgrain finish.
 - d. Single row 8 inch (204 mm) Traditional, Regular Gloss, Single row nailing hem, woodgrain finish.
3. Physical Characteristics:
 - a. Average Thickness:
 - 1) 0.042 inch (1.06 mm), plus or minus 0.001 inch (.025 mm)-D4.5 and D4.5.
 - 2) DL 0.045 inch, plus or minus 0.001 inch (.025 mm) - Single row 8 inch (204 mm).
 - b. Butt height:
 - 1) .560 inch (14.22 mm) - D4.5 and D4, nominal.
 - 2) .440 inch (11.17 mm) - D4.5 DL, nominal.
 - 3) .650 inch (16.51 mm) - Single row 8 inch (204 mm), nominal
 - c. Piece length:
 - 1) 12 feet 11-1/8 inch (3.94 m) - D4.5 and D4.5 DL, nominal.
 - 2) 12 feet 3-5/8 inch (3.75 m) - 8 inch (204 mm) and D4, nominal.
 - d. Exposure:
 - 1) 9 inches (228 mm) - D4.5 and D4.5 DL, nominal.
 - 2) 8 inches (203 mm) - 8 inch and D4, nominal.
4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. Antique Ivory.
 - b. White.
 - c. Autumn Ash.
 - d. Clipper Gray.
 - e. Country Almond.
 - f. Desert.
 - g. Estate Gray.
 - h. Horizon Blue.
 - i. Irish Linen.
 - j. Sage Green.
 - k. Sierra Brown.
 - l. Storm.
 - m. Terra Clay.

F. Vinyl Siding Type _____:

1. Acceptable Product:
 - a. Vytec Nantucket D4 Vinyl Siding.
 - b. Vytec Nantucket D4 DL Vinyl Siding.
 - c. Vytec Nantucket D4.5 DL Vinyl Siding.
2. Product Description:
 - a. Double 4 inch (102 mm) Traditional, Low Gloss, Single row nailing hem, woodgrain finish.
 - b. Double 4 inch (102 mm) Dutch Lap, Low Gloss, Single row nailing hem, woodgrain finish.

- c. Double 4-1/2 inch (114 mm) Dutch Lap, Low Gloss, Single row nailing hem, woodgrain finish.
- 3. Physical Characteristics:
 - a. Average Thickness:
 - 1) 0.040 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height:
 - 1) .560 inch (14.224 mm) D4, nominal.
 - 2) .445 inch (11.303 mm) - D4 DL, nominal.
 - 3) .500 inch (12.7 mm) - D4.5 DL, nominal.
 - c. Piece length:
 - 1) 12 feet 3-5/8 inch (3.75 m) - D4 and D4 DL, nominal.
 - 2) 12 feet 11-1/8 inch (3.94 m) - D4.5 DL, nominal.
 - d. Exposure:
 - 1) 7.883 inches (200 mm) D4, nominal.
 - 2) 7.858 inches (200 mm) - D4 DL, nominal.
 - 3) 9 inches (228 mm) - D4.5 DL, nominal.
- 4. Color: As selected by Architect from manufacturer's standard colors.
- 5. Color shall be as follows:
 - a. Antique Ivory.
 - b. Autumn Ash.
 - c. Clipper Gray.
 - d. Country Almond.
 - e. Estate Gray.
 - f. Irish Linen.
 - g. Sage Green.
 - h. Sandalwood
 - i. Storm
 - j. Sierra Brown.
 - k. Terra Clay.
 - l. White.

G. Vinyl Siding Type_____:

- 1. Acceptable Product:
 - a. Vytex Triple Three Vinyl Siding
- 2. Product Description:
 - a. Triple 3 inch (76 mm) Traditional, Single row nailing hem, woodgrain finish.
- 3. Physical Characteristics:
 - a. Average Thickness: 0.042 inch (1.06 mm), plus or minus 0.001 inch (.025 mm).
 - b. Butt height: 0.478 inch (12.37 mm), nominal.
 - c. Piece length: 12 feet 11-1/8 inch (3.94 m), nominal.
 - d. Exposure: 9 inches (228 mm), nominal.
- 4. Color: As selected by Architect from manufacturer's standard colors.
- 5. Color shall be as follows:
 - a. Antique Ivory.
 - b. Autumn Ash.
 - c. Canyon Ridge.
 - d. Clipper Gray.
 - e. Country Almond.
 - f. Desert.
 - g. Estate Gray.
 - h. Horizon Blue.
 - i. Irish Linen.
 - j. Sage Green.
 - k. Sierra Brown.

- l. Spring Meadow.
 - m. Terra Clay.
 - n. White.
- H. Vinyl Siding Type_____:
1. Acceptable Product:
 - a. Vytec Beaded Vinyl Siding.
 2. Product Description:
 - a. Single row 6-1/2 inch (165 mm) with Bead on bottom of panel, single row nailing hem, woodgrain finish.
 3. Physical Characteristics:
 - a. Average Thickness: 0.048 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .625 inch (15.88 mm), nominal.
 - c. Piece length: 12 feet 4 inch (3.76 m), nominal.
 - d. Exposure: 6.5 inches (165 mm), nominal.
 4. Color: As selected by Architect from manufacturer's standard colors.
 5. Color shall be as follows:
 - a. White.
 - b. Antique Ivory.
 - c. Autumn Ash.
 - d. Desert.
 - e. Estate Gray.
 - f. Irish Linen.
 - g. Sage Brown.
 - h. Sierra Brown.
 - i. Terra Clay.
- I. Vinyl Siding Type_____:
1. Acceptable Product:
 - a. Vytec Board and Batten Vinyl Siding
 2. Product Description:
 - a. Single 6-1/4 inch (102 mm) Vertical panel, Single row nailing hem, Oak wood grain finish.
 3. Physical Characteristics:
 - a. Average Thickness: 0.050 inch, plus or minus 0.001 inch (1.2 mm).
 - b. Butt height: .650 inch (16.50 mm), nominal.
 - c. Piece length: 10 feet (3.048 m), nominal.
 - d. Exposure: 6.25 inches (158.75 mm), nominal.
 4. Color: As selected by Architect from manufacturer's standard colors.
 5. Color shall be as follows:
 - a. White.
 - b. Irish linen.
 - c. Sierra Brown.
 - d. Desert
 - e. Autumn Ash
 - f. Terra Clay.
 - g. Clipper Gray.
 - h. Storm.
 - i. Sage Green.
 - j. Southwestern Sand.
 - k. Lakeshore Blue.
 - l. Tundra Moss.
 - m. Castle Stone.
 - n. Canyon Ridge.
 - o. Spring Meadow.
 - p. Redwood.

- q. Forest.
- r. Harbour.
- s. Shoreline.
- t. Smoke Stone.
- u. Irish Linen.
- v. Autumn Leaf.

2.4 VINYL SOFFIT PANELS

A. Vinyl Soffit Type_____:

1. Acceptable Product:
 - a. Vytec Beaded Porch Panel - Triple 3 Solid and Triple 3 Center Vent
2. Product Description:
 - a. Triple 2-2/3 inch (67.5 mm) Profile with "bead" in profile to give a customized look, single row nailing hem.
3. Physical Characteristics:
 - a. Average Thickness: 0.040 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .368 inch (9.3472 mm), nominal.
 - c. Piece length: 12 feet (3.65 m), nominal.
 - d. Exposure: 8 inches (203.2 mm), nominal.
4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. White Sierra.
 - b. Brown.

B. Vinyl Soffit Type_____:

1. Acceptable Product:
 - a. Vytec D5 inch (127 mm) Solid Vinyl Soffit.
 - b. Vytec D5 inch (127 mm) Full Vent Vinyl Soffit.
2. Product Description:
 - a. Double 5 inch (127 mm) panel, Single nailing hem, woodgrain finish.
3. Physical Characteristics:
 - a. Average Thickness: 0.0440 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .520 inch (13.208 mm), nominal.
 - c. Piece length: 12 feet (3.65 m), nominal.
 - d. Exposure: 10 inches (254.0 mm), nominal.
4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. White.
 - b. Irish Linen.
 - c. County Almond.
 - d. Antique Ivory.
 - e. Sierra Brown.
 - f. Desert.
 - g. Autumn Ash.
 - h. Autumn Leaf.
 - i. California Coast.
 - j. Canyon Ridge.
 - k. Castle Stone.
 - l. Driftwood.
 - m. Forest.
 - n. Harbour.
 - o. Lakeshore Blue.
 - p. Redwood.
 - q. Shoreline.
 - r. Smokestone.

- s. Spring Meadow.
- t. Southwestern Sand.
- u. Tundra Moss.
- v. Twilight Gray.
- w. Clipper Gray.

C. Vinyl Soffit Type_____:

1. Acceptable Product:
 - a. Vytec Double 5 inch (127 mm) Select Solid Vinyl Soffit.
 - b. Vytec Double 5 inch (127 mm) Select Full Vent Vinyl Soffit.
2. Product Description:
 - a. Double 5 inch (127 mm) panel, Single nailing hem, woodgrain finish.
3. Physical Characteristics:
 - a. Average Thickness: 0.0400 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height: 520 inch (13.208mm), nominal.
 - c. Piece length: 12 feet (3.65 m), nominal.
 - d. Exposure: 10 inches (254 mm), nominal.
4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. White.
 - b. Irish Linen.
 - c. County Almond.
 - d. Antique Ivory.
 - e. Sierra Brown.
 - f. Desert
 - g. Autumn Ash
 - h. Estate Gray
 - i. Horizon Blue
 - j. Sage Green
 - k. Storm
 - l. Terra Clay
 - m. Clipper Gray.

D. Vinyl Soffit Type_____:

1. Acceptable Product:
 - a. Vytec T4 inch (102 mm) Solid Vinyl Soffit.
 - b. Vytec T4 inch (102 mm) Center Vent Vinyl Soffit.
 - c. Vytec T4 inch (102 mm) Full Vent Vinyl Soffit.
2. Product Description:
 - a. Triple 4 inch (102 mm) panels, Single nailing hem, woodgrain finish.
3. Physical Characteristics:
 - a. Average Thickness: 0.0360 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .400 inch (10.16 mm), nominal.
 - c. Piece length: 12 feet (3.65 m), nominal.
 - d. Exposure: 12 inches (305 mm), nominal.
4. Color: As selected by Architect from manufacturer's standard colors.
5. Color shall be as follows:
 - a. White.*
 - b. Irish Linen.
 - c. County Almond.
 - d. Antique Ivory.
 - e. Sierra Brown.
 - f. Desert.
 - g. Autumn Ash.
 - h. Terra Clay.
 - i. Estate Gray.

- j. Clipper Gray.
- k. Sandalwood.
- l. Storm.
- m. Horizon Blue.
- n. Sage Green.
- o. Dark Brown*

- E. Vinyl Soffit Type_____:
 - 1. Acceptable Product:
 - a. Vytec T4 inch (102 mm) Economy Solid Vinyl Soffit.
 - b. Vytec T4 inch (102 mm) Economy Center Vent Vinyl Soffit.
 - c. Vytec T4 inch (102 mm) Economy Full Vent Vinyl Soffit.
 - 2. Product Description:
 - a. Triple 4 inch (102 mm) panels, Single nailing hem, brushed finish.
 - 3. Physical Characteristics:
 - a. Average Thickness: 0.0360 inch, plus or minus 0.001 inch (.025 mm).
 - b. Butt height: .400 inch (10.16 mm), nominal.
 - c. Piece length: 12 feet (3.65 m), nominal.
 - d. Exposure: 12 inches (305 mm), nominal.
 - 4. Color: As selected by Architect from manufacturer's standard colors.
 - 5. Color shall be as follows:
 - a. White.

2.5 VINYL ACCESSORIES

- A. Provide coordinating vinyl accessories for complete and proper installation, whether or not specifically shown on the Drawings.
- B. Color: Provide accessories in color matching adjacent siding or soffit panels.
- C. Color: Provide accessories in contrasting color, as follows: _____.
- D. Profiles: Provide types as indicated on the Drawings.
- E. Schedule of Accessories
 - 1. Start Strip: Vinyl
 - 2. Under sill trim: Standard type.
 - 3. Under sill trim: Dual Type.
 - 4. Outside corners: 3-piece system, including plain or fluted lineals, beaded or cove inserts
 - 5. Outside corners: Single piece corner.
 - 6. Inside Corner Post.
 - 7. Big J Window Casing.
 - 8. Window and Door Surround: 2-piece system, including plain or fluted lineal starter.
 - 9. Vinyl Fascia 7-2/3 inch.
 - 10. Soffit trim: F-channels.
 - 11. Soffit trim: Deluxe Crown Moulding.
 - 12. Miscellaneous channels and dividers to suit project conditions.

2.6 FASTENERS

- A. 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. Verify governing dimensions of building and condition of substrate.
- C. 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. Stapling: Staple horizontal panels by resting head of stapler onto nail hem. Shoot staple legs into the center and top of nail slots, leaving 1/16 inch (1.6 mm) space between the staple crown and flange of panel.
- E. 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.
- F. Stagger lap joints in horizontal siding in uniform pattern as successive courses of siding are installed.
- G. 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