SECTION 07 46 33
SOLID VINYL SIDING

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PART 1 GENERAL

1.1 SECTION INCLUDES

A. Solid Core siding.

B. Traditional Vinyl siding.

C. Vinyl Soffits.

D. Solid Core siding accessories.

E. Traditional Vinyl siding accessories.

F. Vinyl Soffit accessories.

1.2 RELATED SECTIONS

A. Section 06 10 00 - Rough Carpentry.

B. Section 07 21 26 - Blown Insulation

C. Section 07 26 00 - Vapor Retarders.

D. Section 07 60 00 - Flashing and Sheet Metal.

E. Section 07 90 00 - Joint Protection.

1.3 REFERENCES

A. ASTM C 272 - Test Method for Water Absorption of Core Materials for Structural Sandwich Construction

B. ASTM C 303 - Standard Test Method for Dimensions and Density of Preformed Block and Board-Type Thermal Insulation.

C. ASTM C 578 - Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.

D. ASTM C 1363 - Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus.

E. ASTM D 635 - Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supported Plastics in a Horizontal Position.

F. ASTM D 638 - Test Method for Tensile Properties of Plastics.

G. ASTM D 648 - Test Method for Deflection Temperature of Plastics Under Flexural Load.

H. ASTM D 696 - Test Method for Coefficient of Linear Expansion of Plastics.

I. ASTM D 1929 - Test Method for Ignition Properties of Plastics.

J. ASTM D 2843 - Test Method for Density of Smoke from the Burning or Decomposition of Plastics.

K. ASTM D 4226 - Standard Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products.

L. ASTM D 3679 - Specification for Rigid Poly Vinyl Chloride (PVC) Siding.

M. ASTM D 5206 – Standard Test Method For Windload Resistance of Rigid Plastic Siding.

N. ASTM D 7793 - Standard Specification for Insulated Vinyl Siding.

O. ASTM E 84 - Test Method for Surface Burning Characteristics of Building Materials.

P. ASTM E 96 - Standard Test Methods for Water Vapor Transmission of Materials.

1.4 SUBMITTALS

A. Submit under provisions of Section 01 30 00 - Administrative Requirements.

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 6 inches (150 mm) square, representing actual product, color, and patterns.

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

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: Maintain rigorous production quality control standards to ensure that vinyl siding will perform as expected for its intended use. Products meet or exceed the requirements of ICC and VSI and listed by ICC International Code Council and VSI Vinyl Siding Certification Programs.

B. Installer Qualifications: Installer with not less than three years documented experience with products specified or who has passed the Vinyl Siding Institute's (VSI) Certified Installer Program.

C. Mock-Up: Provide a mock-up for evaluation of surface installation techniques and workmanship.
   1. Finish areas designated by Architect.
   2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
   3. Reinstall mock-up area as required to produce acceptable work.

D. Regulatory Compliance:
   1. 2009 International Building Code (IBC) - ESR-1083
   2. 2009 International Residential Code (IRC) - ESR-1083
   3. HUD - FHA Minimum Property Standards
   4. Texas Department of Insurance - EC66
   5. State of Florida Approval – FL15515, FL19130, FL15516, FL15517, and FL15518

1.6 DELIVERY, STORAGE, AND HANDLING

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

B. Store vinyl siding, soffits, and accessories in clean, dry area, out of direct sunlight.

C. Handle material to prevent damage. Do not allow cartons to crease.

1.7 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.

1.8 WARRANTY

A. Provide manufacturer's Transferable Limited Lifetime Warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer, Exterior Portfolio, 1441 Universal Road, P.O. Box 1058 Columbus, Ohio 43216 Toll Free Tel: 800-366-8472; Tel: 614-443-4841 ; Email: chris.j.johnson@royalbuildingproducts.com; Web: www.exteriorportfolio.com.

B. Substitutions: Not permitted.

C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 MATERIALS

A. Siding and Soffit - General Requirements: Polyvinyl Chloride Characteristics:
   1. Physical Properties:
      a. Impact Resistance: > 60 ft-lb (ASTM D 4226)
      b. Tensile Strength: > 6000 psi (ASTM D 638)
      c. Modulus of Elasticity: > 365,000 psi (ASTM D 638)
      d. Coefficient of Linear Expansion: < 3.5 x 10-5 in./in x degrees F (ASTM D 696)
      e. Camber: < 1/8 in. (ASTM D 7793)
      f. Heat Shrinkage: < 0.5% (ASTM D 7793)
      g. Surface Distortion: No distortion at 150 degrees F (ASTM D 7793)
   2. Fire Resistance Characteristics:
      a. Average Time of Burning: < 5 sec. (ASTM D 635)
      b. Average Extent of Burning: < 10 mm (ASTM D 635)
      c. Flame Spread-PVC: < 25 (ASTM E 84)
      d. Smoke Density-PVC: < 450 (ASTM E 84)
      e. Flame Spread-Foam: < 75 (ASTM E 84)
      f. Smoke Density-Foam: 90 (ASTM E 84)
      g. Ignition Properties: Self Ignition did not occur. At 797 degrees F sample began to smolder and continued until consumed (ASTM D 1929)

3. Foam Backed Siding:
    a. Polystyrene Density: 1.0 lb./cu.ft. (ASTM C 303)
    b. System R-Value: Up to 2.7 (ASTM C 1363) R-Values vary slightly depending upon profile.
    c. Water Permeability: 5.0 perm/inch Maximum (ASTM E 96)
    d. Water Absorption for Expandable Polystyrene Impact Resistance: < 2.75% by volume (ASTM C 272) 216 in. x lb. (ASTM D 4226)
    e. Impact Resistance: 216 in. x lb. (ASTM D 4226)

2.3 SOLID CORE SIDING

A. CraneBoard 7 Solid CoRe Siding
1. Double 7 inch profile
2. Panel projection: 1-1/8 inches
3. Panel length: 12 feet 3 inches
4. Panel exposure: 14 inches
5. Finish: True Milled
6. Sound Performance: STC of 16 and an OITC of 12.
7. Smart Track System: Engineered ridges and tracks in foam for ventilation and moisture management.
8. Interlocking seam system.
9. System R-Value: 2.4.
10. Double fastening slots for using optional pneumatic stapler.
11. TXL Lamination Technology.
12. Wind Resistance: Design pressure of -67 psf with standard installation.
13. Color: As selected by Architect from manufacturers standards

B. CraneBoard 7 - 16 Solid CoRe Siding
1. Double 7 inch profile
2. Panel projection: 1-1/8 inches
3. Panel length: 16 feet 9 inches
4. Panel exposure: 14 inches
5. Finish: True Milled
6. Sound Performance: STC of 16 and an OITC of 12.
7. Smart Track System: Engineered ridges and tracks in foam for ventilation and moisture management.
8. Interlocking seam system.
9. System R-Value: 2.4.
10. Double fastening slots for using optional pneumatic stapler.
11. TXL Lamination Technology.
12. Wind Resistance: Design pressure of -67 psf with standard installation.
13. Color: As selected by Architect from manufacturers standards

C. CraneBoard 6 Solid CoRe Siding
1. Triple 6 inch profile
2. Panel projection: 1-1/8 inches
3. Panel length: 12 feet 1 inch
4. Panel exposure: 18 inches
5. Finish: True Milled
6. Sound Performance: STC of 16 and an OITC of 12.
7. Smart Track System: Engineered ridges and tracks in foam for ventilation and moisture management.
8. Interlocking seam system.
9. System R-Value: 2.2.
10. TXL Lamination Technology.
11. Wind Resistance: Design pressure of -63 psf with standard installation.

12. Color: As selected by Architect from manufacturers standards

D. CraneBoard 6 - 16 Solid CoRe Siding
1. Triple 6 inch profile
2. Panel projection: 1-1/8 inches
3. Panel length: 16 feet 4 inches
4. Panel exposure: 18 inches
5. Finish: True Milled
6. Sound Performance: STC of 16 and an OITC of 12.
7. Interlocking seam system.
8. System R-Value: 2.2.
9. TXL Lamination Technology.
10. Wind Resistance: Design pressure of -51 psf with standard installation.
11. Color: As selected by Architect from manufacturers standards

E. CraneBoard Board and Batten Solid CoRe Siding
1. Double 10 inch profile
2. Panel projection: 1-1/8 inches
3. Panel length: 10 feet
4. Panel exposure: 19-1/2 inches
5. Finish: True Milled
6. Sound Performance: STC of 16 and an OITC of 12.
7. Double thickness nailing hem.
8. System R-Value: 2.2.
9. TXL Lamination Technology.
10. Wind Resistance: Design pressure of -42 psf with standard installation.
11. Color: As selected by Architect from manufacturers standards

F. Craneboard Dutchlap Solid CoRe Siding
1. Quad 4-1/2 inch Dutchlap profile
2. Panel projection: 1-1/8 inches
3. Panel length: 12 feet 1 inch
4. Panel exposure: 18 inches
5. Finish: True Milled
6. Sound performance: STC of 16 and an OITC of 12.
7. Smart Track System: Engineered ridges and tracks in foam for ventilation and moisture management.
8. Interlocking seam system.
9. System R-Value: 2.7.
10. TXL Lamination Technology.
11. Wind Resistance: Design pressure of -55 psf with standard installation.
12. Color: As selected by Architect from manufacturers standards

G. Craneboard Clapboard Solid CoRe Siding
1. Quad 4 inch profile
2. Panel projection: 1-1/8 inches
3. Panel length: 12 feet 6 inches
4. Panel exposure: 16 inches
5. Finish: True Milled
6. Sound Performance: STC of 16 and an OITC of 12.
7. Interlocking seam system.
8. System R-Value: 2.6.
9. TXL Lamination Technology.
10. Wind Resistance: Design pressure of -46 psf with standard installation.
11. Color: As selected by Architect from manufacturers standards

2.4 TRADITIONAL VINYL SIDING

A. Premium Pointe - D4 inch - Clapboard
   1. Double 4 inch profile
   2. Panel Projection: 3/4 inch
   3. Panel Length: 12 feet 6 inches
   4. Panel exposure: 8 inches
   5. Finish: True Milled
   6. Nominal thickness: 0.046 inch
   7. Full rollover Hurricrane nailing hem
   8. Hurricrane locking system
   9. Wind Resistance: design pressure of -111 psf with standard installation
   10. Color: As selected by Architect from manufacturers standards

B. Premium Pointe - D4 inch Clapboard - 16 foot
   1. Double 4 inch profile
   2. Panel Projection: 3/4 inch
   3. Panel Length: 16 foot 8 inches
   4. Panel exposure: 8 inches
   5. Finish: True Milled
   6. Nominal thickness: 0.046 inch
   7. Full rollover Hurricrane nailing hem
   8. Hurricrane locking system
   9. Wind Resistance: design pressure of -111 psf with standard installation
   10. Color: As selected by Architect from manufacturers standards

C. Premium Pointe - D4.5 inch Dutchlap
   1. Double 4-1/2 inch profile
   2. Panel projection: 3/4 inch
   3. Panel length: 12 feet 1"
   4. Panel exposure: 9 inches
   5. Finish: True Milled
   6. Nominal thickness: 0.046 inch
   7. Full rollover Hurricrane nailing hem
   8. Hurricrane locking system
   9. Wind Resistance: design pressure of -89 psf with standard installation
   10. Color: As selected by Architect from manufacturers standards

D. Premium Pointe - D4.5 inch Dutchlap - 16 foot
   1. Double 4-1/2 inch profile
   2. Panel projection: 3/4 inch
   3. Panel length: 16 feet 6 inches
   4. Panel exposure: 9 inches
   5. Finish: True Milled
   6. Nominal thickness: 0.046 inch
   7. Full rollover Hurricrane nailing hem
   8. Hurricrane locking system
   9. Wind Resistance: design pressure of -89 psf with standard installation
   10. Color: As selected by Architect from manufacturers standards

E. 5.5 inch Board & Batten - 10 foot
   1. 5-1/2 inches board and batten profile
   2. Panel projection: 1/2 inch
   3. Panel length: 10 feet
   4. Panel exposure: 5-1/2 inches
   5. Finish: True Milled
   6. Nominal thickness: 0.046 inch
   7. Single nailing hem

8. Wind Resistance: design pressure of -71 psf with standard installation
9. Color: As selected by Architect from manufacturers standards

F. Market Square - D4 inch - Clapboard
1. Double 4 inch profile
2. Panel projection: 5/8 inch
3. Panel length: 12 feet 6 inches
4. Panel exposure: 8 inches
5. Finish: Cedar Grain
6. Nominal thickness: 0.044 inch
7. Partial roll-over nailing hem
8. Integra locking system
9. Wind Resistance: design pressure of -108 psf with standard installation
10. Color: As selected by Architect from manufacturers standards

G. Market Square - D4.5 inch - Dutchlap
1. Double 4-1/2 inch profile
2. Panel projection: 5/8 inch
3. Panel length: 12 feet 1 inch
4. Panel exposure: 9 inches
5. Finish: Cedar Grain
6. Nominal thickness: 0.044 inch
7. Partial roll-over nailing hem
8. Integra locking system
9. Wind Resistance: design pressure of -65 psf with standard installation
10. Color: As selected by Architect from manufacturers standards

H. Market Square - D5 inch - Clapboard
1. Double 5 inch profile
2. Panel projection: 5/8 inch
3. Panel length: 12 feet
4. Panel exposure: 10 inches
5. Finish: Cedar Grain
6. Nominal thickness: 0.044 inch
7. Partial roll-over nailing hem
8. Integra locking system
9. Wind Resistance: design pressure of -77 psf with standard installation
10. Color: As selected by Architect from manufacturers standards

I. Carolina Sands - 6-1/2 inch Beaded
1. Single 6-1/2 inch profile
2. Panel projection: 5/8 inch
3. Panel length: 12 feet 4 inches
4. Panel exposure: 6-1/2 inches
5. Finish: Soft brushed
6. Single Nailing hem
7. Nominal thickness: 0.044 inch
8. Wind Resistance: design pressure of -65 psf with standard installation
9. Color: As selected by Architect from manufacturers standards

J. Parkview - D4 inch Clapboard
1. Double 4 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet 6 inches
4. Panel exposure: 8 inches
5. Finish: Low Luster Cedargrain
6. Single Nailing Hem

7. Nominal thickness: 0.042 inch
8. Wind Resistance: design pressure of -61 psf with standard installation
9. Color: As selected by Architect from manufacturers standards

K. Parkview - D4 inch Dutchlap
1. Double 4 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet 6 inches
4. Panel exposure: 8 inches
5. Finish: Low Luster Cedargrain
6. Single Nailing Hem
7. Nominal thickness: 0.042 inch
8. Wind Resistance: design pressure of -101 psf with standard installation
9. Color: As selected by Architect from manufacturers standards

L. Parkview - D5 inch Clapboard
1. Double 5 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet
4. Panel exposure: 10 inches
5. Finish: Low Luster Cedargrain
6. Single Nailing Hem
7. Nominal thickness: 0.042 inch
8. Wind Resistance: design pressure of -62 psf with standard installation
9. Color: As selected by Architect from manufacturers standards

M. Parkview - D5 inch Dutchlap
1. Double 5 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet
4. Panel exposure: 10 inches
5. Finish: Low Luster Cedargrain
6. Single Nailing Hem
7. Nominal thickness: 0.042 inch
8. Wind Resistance: design pressure of -89 psf with standard installation
9. Color: As selected by Architect from manufacturers standards

N. Elm Grove D4 inch Clapboard
1. Double 4 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet 6 inches
4. Panel exposure: 8 inches
5. Finish: Raised grain
6. Nominal thickness: 0.040 inch
7. Partial roll-over nailing hem
8. SlipStop locking system
9. Wind Resistance: design pressure of -93 psf with standard installation
10. Color: As selected by Architect from manufacturers standards

O. Elm Grove D4 inch Dutchlap
1. Double 4 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet 6 inches
4. Panel exposure: 8 inches
5. Finish: Raised grain
6. Nominal thickness: 0.040 inch
7. Partial roll-over nailing hem

8. SlipStop locking system
9. Wind Resistance: design pressure of -93 psf with standard installation
10. Color: As selected by Architect from manufacturers standards

P. Elm Grove D5 inch Dutchlap
1. Double 5 inch profile
2. Panel projection: 1/2 inch
3. Panel length: 12 feet
4. Panel exposure: 10 inches
5. Finish: Raised grain
6. Nominal thickness: 0.040 inch
7. Partial roll-over nailing hem
8. SlipStop locking system
9. Wind Resistance: design pressure of -93 psf with standard installation
10. Color: As selected by Architect from manufacturers standards

2.5 VINYL SOFFIT

A. Triple 3-1/3 inches. Solid
1. Non- vented design
2. Triple 3-1/3 inch profile
3. Panel width: 10 inches
4. Panel length: 12 feet
5. Finish: Brushed
6. Nominal thickness: 0.044 inch
7. Color: As selected by Architect from manufacturers standards

B. Triple 3-1/3 inches. Concealed Vent
1. Concealed Vent design
2. Triple 3-1/3 inch profile
3. Panel width: 10 inches
4. Panel length: 12 feet
5. Finish: Brushed
6. Nominal thickness: 0.044 inch
7. Ventilation: 10 square inches per linear foot
8. Color: As selected by Architect from manufacturers standards

C. 6 inch Beaded Solid
1. Non- vented design
2. Triple 2 inch beaded profile
3. Panel width: 6 inches
4. Panel length: 12 feet 6 inches
5. 3/8 inch profile height
6. Finish: Brushed
7. Nominal thickness: 0.040 inch
8. Color: As selected by Architect from manufacturers standards

D. 6 inch Beaded Concealed Vent
1. Concealed- vent punched design
2. Triple 2 inch beaded profile
3. Panel width: 6 inches
4. Panel length: 12 feet 6 inches
5. Finish: Brushed
6. Nominal thickness: 0.040 inch
7. Ventilation: 1.2 square inches per linear foot
8. Color: As selected by Architect from manufacturers standards

E. Triple 4 inch Solid
   1. Non- vented design
   2. Triple 4 inch profile
   3. Panel width: 12 inches
   4. Panel length: 12 feet
   5. Finish: Brushed
   6. Nominal thickness: 0.040 inch
   7. Color: As selected by Architect from manufacturers standards

F. Triple 4 inch Center Vent
   1. Center vented punched design
   2. Triple 4 inch profile
   3. Panel width: 12 inches
   4. Panel length: 12 feet
   5. Finish: Brushed
   6. Nominal thickness: 0.040 inch
   7. Ventilation: 1.96 square inches per linear foot
   8. Color: As selected by Architect from manufacturers standards

G. Triple 4 inch Full Vent
   1. Fully-vented punched design
   2. Triple 4 inch profile
   3. Panel width: 12 inches
   4. Panel length: 12 feet
   5. Finish: Brushed
   6. Nominal thickness: 0.040 inch
   7. Ventilation: 5.89 square inches per linear foot
   8. Color: As selected by Architect from manufacturers standards

H. Double 5 inch Solid
   1. Non-vented design
   2. Double 5 inch profile
   3. Panel width: 10 inches
   4. Panel length: 12 feet
   5. Finish: Brushed
   6. Nominal thickness: 0.038"
   7. Color: As selected by Architect from manufacturers standards

I. Double 5 inch Vented
   1. Fully-vented punched design
   2. Double 5 inch profile
   3. Panel width: 10 inches
   4. Panel length: 12 feet
   5. Finish: Brushed
   6. Nominal thickness: 0.038 inch
   7. Ventilation: 4.78 square inches per linear foot
   8. Color: As selected by Architect from manufacturers standards

2.6 SOLID CORE SIDING ACCESSORIES

A. Solid Core Siding Accessories
   1. 5-1/2 inch Corner Post: 5-1/2 inch face width, 20 foot length, brushed finish, 1-1/8 inch pocket width
   2. Corner Post: 3-1/4 inch face width, 10 foot length, brushed finish, 1-1/8 inch pocket width
   3. Inside Corner Post: 10 foot length, brushed finish, 1-1/8 inch pocket width
   4. J Channel: 12 foot 6 inch length, brushed finish, 1 inch face, 1-1/8 inch pocket width.

5. 5 inch Window Door Lineal: 5 inch width, 20 foot length, brushed finish, 1-1/8 inch pocket width
6. 3-1/2 inch Window Lineal: 3-1/2 inch width, 20 foot length, brushed finish, 1-1/8 inch pocket width
7. Window Sill Lineal: 12 foot 6 inch length, 1-1/8 inch pocket width, brushed finish
8. Window Crown Molding: 12 foot 6 inch length, 1-1/8 inch pocket width, brushed finish
9. Integral Window Trim: 12 foot 6 inch length, 4 inch face width, brushed finish, 1-1/8 inch pocket
10. Batten Mold Trim: 12 foot 6 inch length, brushed finish, self flashing, 1-1/8 inch pocket
11. Back Plate: 12 foot 6 inch length, use with Finish Board or Crown Molding
12. Frieze Back Plate: 12 foot 6 inch, 1/2 inch pocket, use with Finish Board or Crown Molding
13. Finish Board: 12 foot 6 inch length, brushed finish
14. Crown Molding: 12 foot 6 inch length, brushed finish
15. Corner Connector: 20 foot length, brushed finish.
16. Flexible J Channel: 12 foot 6 inch length 1-1/8 inch pocket width, 1 inch face, smooth finish
17. Window Starter Strip: 12 foot 6 inch length
18. Steel Underlayment Starter Strip: metal, 12 foot 6 inch length.
19. Underlayment Starter Strip: Vinyl, 12 foot 6 inch length.
20. Color: As selected by Architect from manufacturers standards

2.7 TRADITIONAL VINYL SIDING ACCESSORIES

A. Vinyl Siding Accessories:
1. Corner Post: 5-1/2 inches face width, 20 foot length, brushed finish, 3/4 inch pocket width
2. Corner Post: 3-1/4 inches face width, 10 foot length, brushed finish, 3/4 inch pocket width.
3. Inside Corner Post: 10 foot length brushed finish, 3/4 inch pocket width.
4. J Channel: 12 feet 6 inches length, brushed finish, 5/8 inch pocket width, 1 inch face.
5. Finish Trim: 12 feet 6 inches length, 3/4 inch face width, brushed finish.
6. Dual Undersill Trim: 12 feet 6 inches length, 1 inch face, brushed finish.
7. Universal Starter Strip: 12 feet 6 inches length, 2-1/2 inch width.
8. Rigid Steel Starter Strip: 10 foot length, 2-1/2 inch width.
9. Flexible J Channel: 12 feet 6 inches length, 3/4 inch pocket width, 1" face, smooth finish.
10. 5 inch window Lineal: 5 inch face width, 20 foot length, 3/4 inch pocket width, brushed finish.
11. 3-1/2 inch window Lineal: 3-1/2 inch face width, 20' length, 3/4 inch pocket width, brushed finish.
12. Integral Window Trim: 12 feet 6 inch length, brushed finish, 3/4 inch pocket width.
13. Decorative Corner Post: 20 foot length, 5-1/2 inches face, brushed finish, 7/8 inch pocket width.
14. Fluted Corner Post: 20 foot length, brushed finish, 4 inch face width, use with J channel.
15. Bay Window Corner: 12 feet 6 inch length, brushed finish, 3/4 inch pocket width.
16. Flanged J Channel: 12 feet 6 inches length, brushed finish, 1/2 inch pocket width.
17. Cove & Corner Mold: 12 feet 6 inches length, brushed finish, 3/4 inch pocket width.
18. Back Plate: 12 feet 6 inch length, use with Finish Board or Crown Molding.
19. Frieze Back Plate: 12 feet 6 inch, 1/2 inch pocket, use with Finish Board or Crown Molding.
20. Finish Board: 12 feet 6 inch length, brushed finish.
21. Crown Molding: 12 feet 6 inch length, brushed finish.
22. Board & Batten Trim: 12 feet 6 inch length, brushed finish, transition element for between two courses of board & batten or between vertical and horizontal siding.

23. Color: As selected by Architect from manufacturers standard colors.

2.8 VINYL SOFFIT ACCESSORIES

A. Vinyl Soffit Accessories:
1. Universal J Channel: 12 feet 6 inches length, brushed finish, 1 inch face, 11/16 inch pocket width.
2. F Channel: 12 feet 6 inches length, brushed finish, 5/8 inch pocket width.
3. 3/8 J Channel: for Beaded Soffit: 12 feet 6 inches length, brushed finish, 3/8 inch pocket width.
4. One Piece Crown Mold: 12 feet 6 inches, brushed finish, 1/2 inch pocket width.
5. T-Trim: 12 feet 6 inches length, 3/4 inch pocket width.
6. Color: As selected by Architect from manufacturers standard colors.

PART 3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.

B. Confirm that all critical dimensions are as specified on the drawings.

C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Clean surfaces thoroughly prior to installation.

B. Repair substrate flaws or defects before applying siding or soffits.

C. Where necessary, fur surfaces to an even plane and free from obstructions before application.

D. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A. Install siding and soffits in accordance with the latest edition of the manufacturer's Installation Instructions.

B. Install vinyl siding, soffits, and accessories in accordance with best practice, with all joint members plumb and true.

C. Securely attach siding using methods and materials recommended by siding/soffit manufacturer for wind load conditions at project site.

D. Install vinyl siding and accessories with all joint members plumb and true.

3.4 FIELD QUALITY CONTROL

A. After installation of siding and soffits, check entire surface for obvious flaws or defects.

B. Replace and repair any problem areas, paying close attention to the substrate for causes of the problem.

3.5 CLEANING

A. After application of siding and soffits, clean as necessary to remove all fingerprints and soiled areas.

B. Upon completion of siding application, clean entire area, removing all scrap, packaging, and unused materials related to this work.

3.6 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION