

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. Rough Carpentry for nailers, blocking, and similar members.
- B. Rough carpentry for roofing as shown on drawings and as specified herein.
 - 1. Note: Specification calls for installation to meet or exceed Factory Mutual FM 1-49 requirements, refer to FM 1-49 publication for nailer installation requirements. {NOTE: A minimum of 2" X 6" nailers shall be used at perimeter, with enhanced fastening of six inches (6") O.C., staggered, eight feet (8') from each corner. Any existing nailers are to be evaluated for size, location, and attachment requirements by the Owner's Representative, to determine if re-use will be authorized.
- C. Installation of wood members, blocking, and nailers for roofing as shown on drawings.
 - 1. In re-roof overlay applications, assure that existing wood members, blocking, and nailers are in sound, dry condition and attached per requirements of this specification. Where existing wood members, blocking, and nailers do not meet requirements of this specification, remove and/or replace.
- D. All new carpentry and wood blocking associated with roofing & re-roofing work to be provided by Roofing Contractor.

1.2 STANDARD REFERENCES

- A. Some products and execution are specified in this Section by reference to published specifications or standards of the following (with respective abbreviations used).
 - 1. American Forest and Paper Association (AFPA)
 - 2. American Plywood Association (APA)
 - 3. American Wood Preservative Association (AWPA)
 - 4. U.S. Dept. of Commerce Voluntary Product Standards (PS)

1.3 SUBMITTALS

- A. Product Data: Submit technical data on all fasteners required for work of this section. Data shall include all required load capacities.
- B. Product Samples: Samples of all fasteners required for roofing & re-roofing work of this section.
- C. ICC-ES evaluation reports for treated wood.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Materials delivered to site in a wet condition shall be rejected and removed off Owner's property.
- B. Stack lumber to insure proper ventilation and drainage. Protect lumber from the elements.
- C. Store in a manner that will prevent warpage.

1.5 JOB CONDITIONS

- A. All methods employed in performing the work, and all equipment, tools, and machinery used for handling materials and executing any part of the work, shall be subject to the approval of the Owner's Representative before the work is started, and whenever found unsatisfactory, shall be changed and improved as required.
- B. Time delivery and installation of carpentry to avoid delaying other operations whose work is dependent on or affected by the carpentry work, and to comply with protection and storage requirements.
- C. Protect installed carpentry from damage due to other work activities and weather.
- D. Select anchors for attachment of carpentry suitable for structural roof substrate.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Solid wood shall be kiln-dried to an amount not to exceed 15%.
- B. Grade and trademark shall be on each piece of lumber (or bundle in bundled stock). Use only recognized official marks of Association under whose rules it is graded.
- C. Lumber shall be sound, thoroughly seasoned, well manufactured, and free from warp that cannot be corrected in the process of bridging, bolting or nailing.
- D. Lumber shall comply with PS 20-99 or the most current and shall be identified with grade mark.
- E. Grades and Species of Solid Wood - Minimum Requirements (See roof system technical specification scope of work and project drawings for other specific wood related requirements):
 - 1. Blocking and nailers shall be No. 2 Southern yellow pine unless otherwise noted on drawings.
 - 2. Wood sleepers shall be No. 2 Southern yellow pine, size as determined by job conditions.
 - 3. Wood shims shall be exterior grade plywood (exterior grade glue) with a maximum thickness of one-half inch (1/2").
 - 4. Plywood sheathing shall be APA rated, exposure 1, CDX plywood, comprised of a minimum of four (4) plies, size as determined by job conditions, unless otherwise specified and/or indicated on project drawings.

2.2 TREATED MATERIALS

- A. Preservative-Treated Materials: AWWA C2.
 - 1. Use treatment containing no arsenic or chromium.
 - 2. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.
 - 3. Mark lumber with treatment quality mark of an inspection agency approved by the ALSC Board of Review.
 - 4. Wood preservative shall be approved by the EPA.
 - 5. Do not use preservative treated wood in connection with roofing and re-roofing work without written approval by Owner's Representative. Wood preservative shall be

approved by roofing materials manufacturer when used in connection with roofing & re-roofing work.

6. Fasteners used with preservative-treated lumber in connection with roofing & re-roofing work shall be of stainless steel.
 7. Metals other than stainless steel shall not come in contact with preservative-treated lumber when used in connection with roofing & re-roofing work.
- B. Provide preservative-treated materials for items indicated on Drawings, and the following:
1. Concealed members in contact with masonry or concrete.
 2. Wood framing members that are less than 18 inches above the ground.
 3. Wood floor plates that are installed over concrete slabs-on-grade.
- C. Fire-Retardant-Treated Materials: Comply with performance requirements in AWPA C20.
1. Use Interior Type A unless otherwise indicated.
 2. Identify with appropriate classification marking of a testing and inspecting agency acceptable to authorities having jurisdiction.
- D. Provide fire-retardant treated materials for blocking used in fire rated partitions.

2.3 PLYWOOD BACKING PANELS

- A. Telephone and Electrical Equipment Backing Panels: Plywood, Exposure 1, C-D Plugged, fire-retardant treated, not less than 3/4-inch nominal thickness.

2.4 FASTENERS

- A. Fasteners: Size and type indicated. Where rough carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
1. Power-Driven Fasteners: CABO NER-272.

2.5 FASTENERS AT ROUGH CARPENTRY FOR ROOFING & RE-ROOFING

- A. All fasteners shall be corrosion-resistant stainless steel or heavy-duty fluorocarbon-coated steel threaded screw fasteners unless otherwise noted, to meet/exceed Factory Mutual Standard 4470 (current edition). Note: Fastener materials shall be compatible with contact materials.
- B. Wood Nailer to Metal Deck: #10-14 Stainless Steel (series 300) or fluorocarbon-coated steel screw fastener with a minimum head diameter of .400-inch. Penetration of one-half inch (1/2") minimum and one-inch (1") maximum through high flute of structural steel deck. Maximum spacing shall be no greater than 12 inches O.C. (NOTE: Enhance to six inches (6") O.C., staggered, eight feet (8') from each corner, when FM 1-49 attachment is required.)
- C. Wood Nailer to Steel Decking over structural steel framing requires Buildex TEKS (or equal). Flat head wood to metal fasteners, size #12 (minimum) of sufficient length to penetrate structural steel framing a minimum of five (5) pitches of thread.
- D. Wood Nailer to Wood Plank (above 3/4"): #10-14 Stainless Steel (series 300) or fluorocarbon coated steel screw fastener with a minimum head diameter of .400-inch minimum penetration of one-half inch (1/2") through wood deck.

- E. Wood Nailer to Structural Cement Fiber/Gypsum Deck: Toggle-less locking thread fastener to meet Factory Mutual approved as well as membrane manufacturer's installation requirements.
- F. Plywood and/or Wood Nailers to Masonry Wall: one-fourth inch (1/4") diameter shank, Phillips flat head, Ruff-Nex hardened steel concrete screw as manufactured by Olympic Fasteners, or approved equal.
 - 1. Note: Where roof / flashing membrane will be adhered to plywood or Dens Deck, the plywood shall be attached with screws and plates at the rate of one (1) fastener per every two (2) square feet.
- G. Use of power-actuated nails for attaching blocking or nailers to concrete is unacceptable.
- H. Acceptable manufacturers are Construction Fasteners, Inc., SFS, Trufast, OMG Roofing Products, Rawl, and Buildex.
- I. Washers: Galvalume steel or 300 series stainless steel.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Set miscellaneous rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.
- B. Securely attach miscellaneous rough carpentry to substrates, complying with the following:
 - 1. CABO NER-272 for power-driven fasteners.
 - 2. Table 2304.9.1, "Fastening Schedule," in the IBC.

3.2 INSTALLATION AT ROOFING & RE-ROOFING

- A. Fit carpentry work to other work. Scribe and cope as required for accurate fit.
- B. Set carpentry work accurately to required levels and lines with members plumb and true.
- C. Securely attach carpentry work to substrates by anchoring and fastening as specified and as required by applicable building codes.
 - 1. Provide washers under bolt heads and nuts in contact with wood.
 - 2. Countersink fastener heads where detailed on drawings, or where required by subsequent application of flashing materials.
- D. Make tight connections between members. Install fasteners without splitting of wood. If structural deck is thicker than 20-gauge or where wood rides up threading prior to penetrating the structural deck, pre-drill the blocking with a nine sixty-fourths inch (9/64") drill bit. Where required, use washers and countersink into wood member. Tighten bolts and lag screws at installation and re-tighten as required for tight connections prior to closing in or at completion of work. A minimum of two (2) fasteners shall be utilized per section of wood, regardless of length. Pull out resistance must be a minimum of 360 lbs. per fastener.
- E. New wood nailers shall be installed at appropriate roof perimeters, curbs, and similar penetrations. All nailers shall be of sufficient thickness so as to be flush with the insulation/

membrane interface and securely anchored to resist a force to 175 lbs./linear foot in any direction. Nailers shall not be lower than the insulation's membrane interface.

- F. Where Specification calls for a tapered insulation system, the Contractor shall consider the overall wood nailer thickness as required by the tapered insulation system.
- G. Install new nailers with one-eighth inch (1/8") gap between each length or as required based on climatic conditions at the time of installation.
- H. Wood nailers, blocking, cants, etc. shall be chamfered, beveled, shaved, planed, or shimmed as necessary to provide smooth transition to adjacent materials.
- I. New wood shims, where used for providing transition to insulation, shall be pressure treated. Shims are only acceptable in conditions where shim thickness does not exceed one-half inch (1/2"). All shim material to be in compliance with this Specification. All shims must be continuous and shall be placed at deck level.
- J. Pre-drilling of fastener holes will be required for installation of nailers over any concrete surface.
- K. Plywood sheets shall be spaced with a one-eighth inch (1/8") gap between sheets at all edges and ends.
- L. Work that does not conform to specified requirements including tolerances and finishes, shall be corrected and/or replaced, as directed by Owners Representative, at Contractor's expense, without extension of time. Therefore, Contractor shall also be responsible for cost of corrections to any Work affected by or resulting from correction to work of this Section.

END OF SECTION 061053

SECTION 061600 - SHEATHING

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data

PART 2 - PRODUCTS

2.1 WOOD PANEL PRODUCTS, GENERAL

- A. Plywood: DOC PS 1.

2.2 WALL SHEATHING

- A. Gypsum Wall Sheathing:
 - 1. Glass-Mat Gypsum Wall Sheathing: ASTM C 1177/1177M.

2.3 ROOF SHEATHING

- A. Plywood Roof Sheathing: Exterior, Structural I sheathing.

2.4 MISCELLANEOUS PRODUCTS

- A. Fasteners: Size and type indicated.
 - 1. For roof and wall sheathing, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
 - 2. Power-Driven Fasteners: CABO NER-272.
- B. Sheathing Joint-and-Penetration Treatment Materials:
 - 1. Sheathing Tape for Fiber Cement Sheathing: Self-adhering, glass-fiber tape recommended by sheathing and tape manufacturers for application indicated.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Securely attach to substrates, complying with the following:
 - 1. CABO NER-272 for power-driven fasteners.
 - 2. Table 2304.9.1, "Fastening Schedule," in the IBC.
- B. Fastening Methods:
 - 1. Wall and Roof Sheathing:
 - a. Screw to cold-formed metal framing.
- C. Fiber Cement Sheathing Joint-and-Penetration Treatment: Seal sheathing joints and penetrations according to sheathing manufacturer's written instructions.

END OF SECTION 061600

SECTION 062000 - FINISH CARPENTRY

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

- A. Lumber: DOC PS 20 and grading rules of inspection agencies certified by American Lumber Standards Committee Board of Review.
- B. MDF: ANSI A208.2, Grade 130, made with binder containing no urea-formaldehyde resin.
- C. Particleboard: ANSI A208.1, Grade M-2, made with binder containing no urea-formaldehyde resin.
- D. Melamine-Faced Particleboard: Particleboard complying with ANSI A208.1, Grade M-2, finished on both faces with thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.

2.2 EXTERIOR FINISH CARPENTRY

- A. Cellular PVC Exterior Trim: Extruded, expanded PVC with a small-cell microstructure, made from UV- and heat-stabilized, rigid material.
 - 1. Products:
 - a. Azek Trim, Azek Building Products
 - b. PVC Trim by Fypon
 - c. WeatherReady Trim Boards and Mouldings by Gossen

2.3 INTERIOR STANDING AND RUNNING TRIM

- A. Interior Hardwood Lumber Trim: Clear, kiln-dried, poplar.

2.4 SHELVING AND CLOTHES RODS

- A. Shelving: 3/4-inch MDF with radiused hardwood front edge - painted.
- B. Clothes Rods: Knape and Vogt, 770 1 Heavy Duty Round Tubing & 735 Tubing End Flange w/ chrome look finish, or equal.

2.5 MISCELLANEOUS MATERIALS

- A. Fasteners for Exterior Finish Carpentry: Stainless-steel or aluminum.
- B. Glue: Aliphatic-resin, polyurethane, or resorcinol wood glue recommended by manufacturer.
 - 1. Use waterproof resorcinol glue for exterior applications.
- C. Adhesive for Cellular PVC Trim: Product recommended by trim manufacturer.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Condition finish carpentry in installation areas for 24 hours before installing.
- B. Prime and backprime lumber for painted finish exposed on the exterior.
- C. Install finish carpentry level, plumb, true, and aligned with adjacent materials. Scribe and cut to fit adjoining work. Refinish and seal cuts.
- D. Install standing and running trim with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Stagger joints in adjacent and related trim. Cope at returns and miter at corners.

END OF SECTION 062000

SECTION 064023 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Shop Drawings and Samples showing the full range of colors, textures, and patterns available for each type of finish.
- B. Quality Standard: Architectural Woodwork Institute's "Architectural Woodwork Quality Standards."
- C. Forest Certification: Provide woodwork produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."
- D. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is completed, and HVAC system is operating.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Hardboard: AHA A135.4.
- B. Medium-Density Fiberboard: ANSI A208.2, Grade 130, made with binder containing no urea formaldehyde.
- C. Particleboard: ANSI A208.1, Grade M-2 made with binder containing no urea formaldehyde.

2.2 CABINET HARDWARE AND ACCESSORY MATERIALS

- A. 101 Lobby, 002 Conference, and 002 Elevator Lobby: Fully concealed, 35 mm, self closing, 3/4" Overlay 2-Way Face Frame Hinges by Blum, Model #55918, or equal.
- B. All locations not mentioned in paragraph A above: Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, 135 degrees of opening, self-closing.
- C. Wire Pulls in 101 Lobby, 002 Conference, and 002 Elevator Lobby: Back mounted, solid metal, 128mm Pull Revitalize, #BP55346-G10, by Amerock, or equal.
- D. Wire Pulls in All locations not mentioned in paragraph C above: Back mounted, solid plastic, 5 inches long, 2-1/2 inches deep, and 5/16 inch in diameter.
- E. Adjustable Shelf Standards and Supports: BHMA A156.9, B04071; with shelf rests, B04081.
- F. Drawer Slides: BHMA A156.9, B05091.
 - 1. Box Drawer Slides: Grade 1HD-100.
 - 2. File Drawer Slides: Grade 1HD-200.
 - 3. Pencil Drawer Slides: Grade 1.
 - 4. Keyboard Slides: Grade 1HD-100.

- G. Drawer Locks: BHMA A156.11, E07041.
- H. Grommets for Cable Passage through Countertops: 2-inch OD, molded-plastic grommets and matching plastic caps with slot for wire passage.
- I. Exposed Hardware Finishes: Comply with BHMA A156.18 for BHMA code number indicated.
 - 1. Finish: Satin Chrome: BHMA 626 or BHMA 652.
- J. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln dried to 15 percent moisture content.

2.3 INTERIOR WOODWORK

- A. Complete fabrication to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
- B. Backout or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.
- C. Interior Standing and Running Trim for Opaque Finish: Premium grade, made from any closed-grain hardwood.
- D. Interior Ornamental Work for Opaque Finish: Premium grade, made from any closed-grain hardwood.
- E. Wood Cabinets for Opaque Finish: Premium grade.
 - 1. AWI Type of Cabinet Construction: Reveal overlay on face frame.
 - 2. WI Construction Style: Style B, Face Frame.
 - 3. WI Door and Drawer Front Style: Reveal overlay.
 - 4. Wood Species and Cut for Exposed Surfaces: any closed-grain hardwood.
 - 5. Semiexposed Surfaces: Melamine-Faced Particleboard: Particleboard complying with ANSI A208.1, Grade M-2, finished on both faces with thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.
- F. Plastic-Laminate Cabinets: Premium grade.
 - 1. AWI Type of Cabinet Construction: Flush overlay.
 - 2. WIC Construction Style: Style A, Frameless.
 - 3. WIC Door and Drawer Front Style: Flush overlay.
 - 4. Laminate Cladding: Horizontal surfaces other than tops, HGS; postformed surfaces, HGP; vertical surfaces, HGS; Edges, HGS; semiexposed surfaces, thermoset decorative panels.
 - 5. Drawer Sides and Backs: Thermoset decorative panels.
 - 6. Drawer Bottoms: Thermoset decorative panels.
- G. Plastic-Laminate Countertops: Premium grade.
 - 1. Laminate Grade: HGS for flat countertops, HGP for post-formed countertops.
 - 2. Grain Direction: Parallel to cabinet fronts.
 - 3. Edge Treatment: Same as laminate cladding on horizontal surfaces.
- H. Solid-Surfacing Material Countertops: Premium grade.

1. Solid-Surfacing Material Thickness: 3/4 inch.
2. Fabricate tops in one piece with shop-applied backsplashes and edges.

2.4 SHOP FINISHING OF INTERIOR ARCHITECTURAL WOODWORK

- A. Finishes: Same grades as items to be finished.
- B. Finish architectural woodwork at the fabrication shop; defer only final touch up until after installation.
 1. Apply one coat of sealer or primer to concealed surfaces of woodwork. Apply two coats to back of paneling and to end-grain surfaces.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Before installation, condition woodwork to average prevailing humidity conditions in installation areas.
- B. Install woodwork to comply with referenced quality standard for grade specified.
- C. Install woodwork level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb (including tops) to a tolerance of 1/8 inch in 96 inches.
- D. Scribe and cut woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
- E. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Fasten with countersunk concealed fasteners and blind nailing. Use fine finishing nails or finishing screws for exposed nailing, countersunk and filled flush with woodwork.
- F. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Do not use pieces less than 36 inches long, except where shorter single-length pieces are necessary. Scarf running joints and stagger in adjacent and related members.
- G. Anchor salvaged paneling in manner consistent with existing installation.
- H. Cabinets: Install so doors and drawers are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.
 1. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches o.c. with No. 10 wafer-head screws sized for 1-inch penetration into wood framing, blocking, or hanging strips.
- I. Anchor countertops securely to base units. Seal space between backsplash and wall.

END OF SECTION 064023

SECTION 066200 - GLASS-FIBER REINFORCED PLASTIC (GFRP) FABRICATIONS

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data and Shop Drawings.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics; 1999.
- B. ASTM D 648 - Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position; 1998c.
- C. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials; 1999.
- D. ASTM D 695 - Standard Test Method for Compressive Properties of Rigid Plastics; 1996.
- E. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 1999.

2.2 MATERIALS

- A. Glass-Fiber Reinforced Plastic (GFRP) Fabrications:
 - 1. Entasis Style Tuscan Column Cover Products:
 - a. Edon Corporation.
 - b. Florida Columns/Spaulding Craft.
 - c. Wothington Cast by Worthington.
 - 2. Embedments: As standard with FRP fabrication manufacturer and as required for reinforcement and for anchorage to substrates and framing.
- B. Adhesives: As recommended by GFRP manufacturer.
- C. Joint-Treatment Materials: As recommended by GFRP manufacturer.

2.3 FABRICATION

- A. Fabricate GFRP units with smooth-finished surfaces; repair surface imperfections. Fabricate units in sizes that will minimize number of joints between abutting units.
- B. Embedments: Incorporate embedments into units to develop the full strength of GFRP fabrications. Cover embedments with not less than 3/16-inch thickness of GFRP composite.
- C. Connection Hardware: Designed and fabricated to support and connect GFRP fabrications.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install in accordance with applicable code and manufacturer's recommendations.
- B. Install GFRP fabrications level, plumb, true, and aligned with adjacent materials. Use concealed shims where required for alignment.
- C. Predrill fastener holes. Fasten as required to comply with dimensional tolerances and not less than 5/16 inch from edge to end.
- D. Fasten using methods that allow for thermal expansion and contraction.
- E. Provide control joints at not more than 35 feet (10.5 m) on center if not indicated on drawings.
- F. Provide expansion joints where moving joints in substrate occur.
- G. Attach pieces at joints with adhesive, and band or brace together until adhesive is cured.
- H. Use joint-treatment materials to finish GFRP fabrications to produce surfaces ready to receive primers and paint finishes.
 - 1. Finish joints between units and countersunk fastener heads to match surface texture of units.

END OF SECTION 066200

SECTION 066400 - PLASTIC PANELING

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data and material Samples.

PART 2 - PRODUCTS

2.1 PLASTIC SHEET PANELING

- A. General: Gel-coat-finished, glass-fiber-reinforced plastic panels complying with ASTM D 5319.
 - 1. Nominal Thickness: Not less than 0.12 inch.
 - 2. Surface Finish: Smooth surface with filled grooves at 4 inches o.c. to resemble tile.
- B. Trim Accessories: Manufacturer's standard one-piece vinyl extrusions designed to retain and cover edges of panels. Provide division bars, inside corners, outside corners, and caps as needed to conceal edges.
- C. Adhesive: As recommended by plastic paneling manufacturer.
- D. Sealant: Single-component, mildew-resistant, silicone sealant recommended by plastic paneling manufacturer and complying with requirements in Division 07 Section "Joint Sealants."

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Lay out paneling before installing. Locate panel joints so that trimmed panels at corners are not less than 12 inches wide.
 - 1. Locate trim accessories to allow clearance at panel edges according to manufacturer's written instructions.
- B. Install panels in a full spread of adhesive.
- C. Install trim accessories with adhesive and nails or staples. Do not fasten through panels.
- D. Fill grooves in trim accessories with sealant before installing panels and bed inside corner trim in a bead of sealant.
- E. Maintain uniform space between panels and wall fixtures. Fill space with sealant.

END OF SECTION 066400