SECTION 06 11 00

STRUCTURAL LUMBER AND SHEATHING

PART 1 GENERAL

1.01 1.01 DESCRIPTION

A. Work Included: All labor and materials for structural lumber shown on the Drawings for walls, roof and floor framing, and sheathing, including all connections and accessory materials shown on the Drawings, required by this Section, or necessary for a complete installation.

B. Related Work Specified Elsewhere: The general provisions of the Contract apply to the work of this Section, as though reproduced herein. Carefully examine all other Sections and all Drawings for related work, which includes but is not limited to:
   1. Cast-In-Place Concrete: Section 03 30 00
   2. Masonry: Division 4
   3. Prefabricated Wood Trusses: Section 06 19 00

1.02 QUALITY ASSURANCE

A. Reference Standards:
   1. The structural design is based on the National Design Specification for Wood Construction, by the American Forest and Paper Association, 1997 Edition.
   2. Lumber shall comply with US DOC PS 20, American Softwood Lumber Standard with applicable grading rules of inspection agencies certified by American Lumber Standards Committee's (ALSC) Board of Review.
   3. All Wood Structural Panels shall comply with US DOC PS 1 and US DOC PS 2 and the Standards of The American Plywood Association.

PART 2 PRODUCTS

2.01 2.01 MATERIALS

A. Lumber: Spruce-Pine-Fir No. 2 or better, surfaced at 19% moisture content. Minimum Base Design Values For Visually Graded Dimension Lumber before adjustment are as follows:
   1. Bending, Fb: 875 psi
   2. Tension Parallel to Grain, Ft: 450 psi
   3. Shear Parallel to Grain, Fv: 70 psi
   4. Compression Perpendicular to Grain, Fc^: 425 psi
   5. Compression Parallel to Grain, Fc: 1,150 psi
   6. Modulus of Elasticity, E: 1,400,000 psi

B. Wood Structural Panels:
   1. Roof: 5/8 inch nominal, APA rated sheathing, 40/20, exposure 1.
   2. Walls: 1/2 inch nominal, APA rated sheathing, 24/16, exposure 1.

C. Wood-Preservative-Treated Materials:
   1. Where lumber or plywood is indicated as preservative treated or is specified to be treated, comply with applicable requirements of AWPA C2 (lumber) and AWPA C9 (plywood). Mark each treated item with the Quality Mark Requirements of an inspection agency approved by ALSC's Board of Review.
      a. Do not use chemicals containing chromium or arsenic.
   2. Pressure treat above-ground items with waterborne preservatives to a minimum retention of 0.25 lb/cu. ft. (4.0 kg/cu. m). After treatment, kiln-dry lumber and plywood to a maximum moisture content of 19 and 15 percent, respectively. Treat indicated items and the following

a. Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
b. Wood sills, sleepers, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.
c. Wood framing members less than 18 inches (460 mm) above grade.
d. Wood floor plates installed over concrete slabs directly in contact with earth.

3. Complete fabrication of treated items before treatment, where possible. If cut after treatment, apply field treatment complying with AWPA M4 to cut surfaces. Inspect each piece of lumber or plywood after drying and discard damaged or defective pieces.

D. Nails: Unless noted otherwise, all nails and spikes for fastening framing members together are to be common steel wire nails, conforming to ASTM F1667-95. Unless noted otherwise, all nails and spikes for fastening floor, roof and wall sheathing to framing are to be hardened steel ring-shank nails conforming to ASTM F1667-95.

E. Bolts: Conform to ASTM A307.

F. Framing Anchors: Use the products of The Simpson Strong-Tie Company, Inc. or equivalent products of other approved manufacturer.

PART 3 EXECUTION

3.01 3.01 SURFACE CONDITIONS

A. Prior to beginning work of this Section, verify that the installed work of other trades is complete and correct to the extent necessary for the proper execution of the work of this Section.

B. In the event of discrepancies, immediately notify the Architect. Do not proceed with work affected by the discrepancies until they have been resolved.

3.02 3.02 ERECTION

A. In stud walls, attach sill plates to supporting structure with the equivalent of a 1/2 inch bolt at 48 inches on center.

B. Provide solid blocking at mid-height of stud walls.

C. Provide solid or diagonal bridging at midspan of all joists and rafters.

D. Attach all Wood Structural Panels to supporting members per the requirements of the Drawings.

3.03 3.03 ACCEPTANCE

A. Members with excessive knots, twists, checks, or shakes or other obvious imperfections, will be rejected.

END OF SECTION

SECTION 06 15 00

WOOD DECKING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Plywood structural wood decking.

B. Composite wood decking.

1.02 RELATED REQUIREMENTS

A. Section 04 20 00 - Unit Masonry: Bearing support.

B. Section 06 10 00 - Rough Carpentry: Bearing support.

1.03 REFERENCE STANDARDS

A. AITC 109 - Standard for Preservative Treatment of Structural Glued Laminated Timber; American Institute of Timber Construction; 2007.

B. ANSI A208.1 - American National Standard for Particleboard; 1999.

C. ASTM D 143 - Standard Method of Testing Small Clear Specimens of Timber; 1994 (Reapproved 2007).

D. ASTM D 198 - Standard Test Methods of Static Tests of Lumber in Structural Sizes; 2008.

E. ASTM D 1761 - Standard Test Method for Mechanical Fasteners in Wood; 2006.

F. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2008.

G. PS 1 - Structural Plywood; 2007.

H. WWPA G-5 - Western Lumber Grading Rules; Western Wood Products Association; 2005.

I. UL (FRD) - Fire Resistance Directory; Underwriters Laboratories Inc.; current edition.

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Plywood Decking:
   1. Boise Cascade, LLC: www.bc.com.
   2. Georgia-Pacific Corporation: www.gp.com.
   3. Weyerhaeuser Co: www.weyerhaeuser.com.
   4. Substitutions: See Section 01 60 00 - Product Requirements.

B. Composite Wood Decking:
   1. CertainTeed Corporation: www.certainteed.com.
   2. Correct Building Products, Inc.: www.correctdeck.com.
   3. Trex Company, Inc: www.trex.com.
   4. TimberTech, www.timbertech.com.
   5. GAF, www.gaf.com.

2.02 WOOD MATERIALS

A. Wood fabricated from old growth timber is not permitted.

B. Plywood Decking: PS 1 veneer plywood; APA Rated Sheathing, Span Rating; Exterior grade;1 A interior veneer appearance grade; sanded.

C. Composite Decking: Recycled hardwood mixed with polypropylene and molded into standard lumber board sizes and accessory shapes.
   1. Texture: Molded wood grain finish one side; smooth, matte finish on the other.
   2. Color:
   3. Edges, Field Boards: Tongue and groove.
   4. Properties:
      a. Recycled content: 80 percent.
      b. Polypropylene content: 40 percent minimum.
      c. Flame spread, ASTM E 84: 80
      d. Smoke developed, ASTM E 84: 285.
      e. Resistance to fastener withdrawal, ASTM D 1761:
         1) Nail (8d common wire): 163 pounds per inch.
         2) Screw (#10 wood screw): 558 pounds per inch.
      f. Compressive strength:
         1) Parallel to length, ASTM D 198:
            (a) Design: 550 pounds per square inch.
            (b) Ultimate: 1806 pounds per square inch.
         2) Perpendicular to length, ASTM D 143:
            (a) Design: 625 pounds per square inch.
            (b) Ultimate: 1994 pounds per square inch.
      g. Tensile strength, ASTM D 198:
         1) Design: 250 pounds per square inch.
         2) Ultimate: 854 pounds per square inch.
      h. Shear Strength, ASTM D 143:
         1) Design: 200 pounds per square inch.
         2) Ultimate: 561 pounds per square inch.

2.03 ACCESSORIES

A. Fasteners and Anchors:
   1. Fastener Type and Finish for Composite Decking: Stainless steel, trim head.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that support framing is ready to receive decking.

3.02 PREPARATION

A. Coordinate placement of bearing items.

3.03 INSTALLATION - PLYWOOD DECKING

A. Install decking perpendicular to framing members, with ends staggered over firm bearing. On sloped surfaces, lay decking with tongue upward.

B. Engage plywood tongue and groove edges.

C. Allow expansion space at edges and ends.

D. Use sheathing clips at unsupported edges of plywood between supporting framing members.

E. Cut decking to accommodate roof drain and flange.

3.04 INSTALLATION - BOARD DECKING

A. Install decking perpendicular to framing members, with ends staggered over firm bearing. On sloped surfaces, lay decking with tongue upward.

B. Engage decking tongue and groove edges.

C. Secure with manufacturer's proprietary fastener system.

D. Maintain decking joint space of 1/16 inch maximum.

3.05 TOLERANCES

A. Surface Flatness of Decking Without Load: 1/4 inch in 10 feet maximum, and 1/2 inch in 30 feet maximum.

END OF SECTION

SECTION 06 19 00

PREFABRICATED WOOD TRUSSES

PART 1 GENERAL

1.01 1.01 DESCRIPTION

A. Work Included: All labor and materials required to furnish and install the wood trusses shown on the drawings and as required by these specifications. Include all bridging, bracing, blocking, anchors, extensions, etc. required for a complete installation.

B. Related Work Specified Elsewhere: The general provisions of the Contract apply to the work of this Section, as though reproduced herein. Carefully examine all other Sections and all Drawings for related work, which includes but is not limited to:
   1. Masonry: Division 4
   2. Structural Lumber and Sheathing: Section 06 11 00

1.02 1.02 QUALITY ASSURANCE

A. Reference Standards:
   1. National Design Specification for Wood Construction, 1997 Edition, by the American Forest and Paper Association.
   2. National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute.

B. Manufacturer's Qualifications: Minimum three years' experience for manufacturing comparable wood trusses.

C. Tolerances:
   1. Outside Dimensions: + 1/16 inch up to 20 feet length; for greater lengths, + 1/16 inch per 20 feet length.
   2. Square End Cuts: square within 1/16 inch per foot of depth and width.
   3. Connector Locations: + 1/4 inch from locations shown on shop drawings.

1.03 1.03 SUBMITTALS

A. Shop Drawings:
   1. Submit layout drawings indicating the mark, number, and location of all trusses. Shop Drawings submitted without layout Drawings will be immediately returned unreviewed, without affecting time of completion.
   2. Submit truss design and fabrication sheets sealed by a licensed professional engineer, indicating all member sizes for each truss mark, including chords, webs, and connectors.
   3. Indicate bridging, bearing details, anchorage, bracing, hanger connectors, etc.
   4. Indicate handling instructions and erection sequence, if critical.

B. Design analysis:
   1. Submit stress diagram indicating design force in each truss member, or submit a printout of the computer design.

C. Certification: Submit, on request only, written certification that the trusses will sustain the design loads at the specified moisture content.

1.04 1.04 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Handle trusses with care, following the manufacturer's instructions.

B. Store in upright position.

C. Provide bearing supports and bracing to avoid damage from bending or overturning.

D. Protect from construction operations.

PART 2 PRODUCTS

2.01 2.01 MATERIALS

A. Lumber:
   1. Maximum moisture content: 15%.
   2. Species: Per design of the truss manufacturer.
   3. Grading: #2 Grade minimum.
   4. Treat all lumber with "Dricon" by Koppers.

B. Metal Connector Plates (internal connections):
   1. Galvanized steel sheet, ASTM A653-96, coating G60.
   2. Manufacture with holes, plugs, teeth, or prongs uniformly spaced and formed.

C. Metal Connector Plates (external connections): Use products of the Simpson Strong-Tie Company, Inc. or equivalent.

2.02 2.02 DESIGN

A. Sizes shown on the Drawings are to be considered minimums.

B. Final design of members and connections is to be by professional engineer, registered in Ohio, experienced in similar design, retained by the manufacturer.

C. Overall dimensions and loads are shown on the Drawings.

D. Where dimensions shown on the Drawings exceed practical shipping size, trusses may be designed using "piggy-back" arrangement. Design field connections to transfer all design forces, including wind uplift.

PART 3 EXECUTION

3.01 3.01 SURFACE CONDITIONS

A. Prior to beginning work of this Section, verify that the installed work of other trades is complete and correct to the extent necessary for proper execution of the work of this Section.

B. In the event of discrepancies, immediately notify the Architect. Do not proceed with work affected by the discrepancies until they have been resolved.

3.02 3.02 ERECTION

A. Hoist trusses into position with cables, and spreader bars where required, at the designed lift points.

B. Install temporary horizontal an cross bracing to keep trusses plumb and in a safe condition until permanent bracing is installed.

C. Install permanent bracing and related components prior to application of loads to trusses.

END OF SECTION

SECTION 06 20 00

FINISH CARPENTRY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Finish carpentry items.

B. Hardware and attachment accessories.

1.02 RELATED REQUIREMENTS

A. Section 06 10 00 - Rough Carpentry: Support framing, grounds, and concealed blocking.

B. Section 06 41 00 - Architectural Wood Casework: Shop fabricated custom cabinet work.

C. Section 09 90 00 - Painting and Coating: Painting and finishing of finish carpentry items.

1.03 REFERENCE STANDARDS

A. ANSI A135.4 - American National Standard for Basic Hardboard; 2004.

B. ANSI A208.1 - American National Standard for Particleboard; 1999.

C. AWI/AWMAC (QSI) - Architectural Woodwork Quality Standards Illustrated; Architectural Woodwork Institute and Architectural Woodwork Manufacturers Association of Canada; 2005, 8th Ed., Version 2.0.

D. BHMA A156.9 - American National Standard for Cabinet Hardware; Builders Hardware Manufacturers Association; 2003 (ANSI/BHMA A156.9).

1.04 ADMINISTRATIVE REQUIREMENTS

A. Coordinate the work with plumbing rough-in, electrical rough-in, and installation of associated and adjacent components.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements for submittal procedures.

1.06 QUALITY ASSURANCE

A. Grade materials in accordance with the following:
   1. Softwood Lumber: In accordance with rules certified by ALSC; www.alsc.org.
   2. Plywood: Certified by the American Plywood Association.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Protect work from moisture damage.

PART 2 PRODUCTS

2.01 MATERIALS - GENERAL

A. Unless otherwise indicated provide products of quality specified by AWI Architectural Woodwork Quality Standards Illustrated for Premium grade.

2.02 WOOD-BASED COMPONENTS

A. Wood fabricated from old growth timber is not permitted.

2.03 FASTENERS

A. Fasteners: Of size and type to suit application; finish in concealed locations and finish in exposed locations.

2.04 FABRICATION

A. Shop assemble work for delivery to site, permitting passage through building openings.

B. When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide trim for scribing and site cutting.

2.05 SHOP FINISHING

A. Sand work smooth and set exposed nails and screws.

B. Apply wood filler in exposed nail and screw indentations.

C. Finish work in accordance with AWI Architectural Woodwork Quality Standards Illustrated, Section 1500:

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify adequacy of backing and support framing.

B. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.

3.02 INSTALLATION

A. Set and secure materials and components in place, plumb and level.

B. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim to conceal larger gaps.

3.03 TOLERANCES

A. Maximum Variation from True Position: 1/16 inch.

B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

END OF SECTION

SECTION 06 41 00

ARCHITECTURAL WOOD CASEWORK

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Specially fabricated cabinet units.

B. Countertops.

C. Cabinet hardware.

D. Factory finishing.

E. Preparation for installing utilities.

1.02 RELATED REQUIREMENTS

A. Section 06 10 00 - Rough Carpentry: Support framing, grounds, and concealed blocking.

1.03 REFERENCE STANDARDS

A. ANSI A135.4 - American National Standard for Basic Hardboard; 2004.

B. ANSI A208.1 - American National Standard for Particleboard; 1999.

C. ANSI A208.2 - American National Standard for Medium Density Fiberboard for Interior Use; 2002.

D. AWI/AWMAC (QSI) - Architectural Woodwork Quality Standards Illustrated; Architectural Woodwork Institute and Architectural Woodwork Manufacturers Association of Canada; 2005, 8th Ed., Version 2.0.

E. BHMA A156.9 - American National Standard for Cabinet Hardware; Builders Hardware Manufacturers Association; 2003 (ANSI/BHMA A156.9).

F. NEMA LD 3 - High-Pressure Decorative Laminates; National Electrical Manufacturers Association; 2005.

G. PS 1 - Structural Plywood; 2007.

H. PS 20 - American Softwood Lumber Standard; National Institute of Standards and Technology (Department of Commerce); 2005.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene a preinstallation meeting not less than one week before starting work of this section; require attendance by all affected installers.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Shop Drawings: Indicate materials, component profiles and elevations, assembly methods, joint details, fastening methods, accessory listings, hardware location and schedule of finishes.

1.06 QUALITY ASSURANCE

A. Perform work in accordance with AWI/AWMAC Architectural Woodwork Quality Standards Illustrated, Custom quality, unless other quality is indicated for specific items.

B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.07 MOCK-UP

A. Provide mock-up of typical base cabinet, wall cabinet, and countertop, including hardware, finishes, and plumbing accessories.

B. Locate where directed.

C. Mock-up may remain as part of the Work.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Protect units from moisture damage.

1.09 FIELD CONDITIONS

A. During and after installation of custom cabinets, maintain temperature and humidity conditions in building spaces at same levels planned for occupancy.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. KraftMaid Cabinetry

B. Approved Equal

C. Custom caseswork will be considered if quality and performance standards can be met.
   1. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 WOOD-BASED COMPONENTS

A. Wood fabricated from old growth timber is not permitted.

B. Wood fabricated from timber recovered from riverbeds or otherwise abandoned is permitted, unless otherwise noted, provided it is clean and free of contamination; identify source; provide lumber re-graded by an inspection service accredited by the American Lumber Standard Committee, Inc.

2.03 LUMBER MATERIALS

A. Softwood Lumber: NIST PS 20; Graded in accordance with AWI/AWMAC Architectural Woodwork Quality Standards Illustrated, Grade II/Custom; average moisture content of 5-10 percent; species as recommended by manufacturer.

2.04 PANEL MATERIALS

A. Softwood Faced Plywood:

B. Exposed Surfaces: PS 1; APA A-A Grade, plain-sliced white pine face veneer, Interior rated adhesives, core of particleboard, medium density fiberboard, or engineered combination, thickness as required.

C. Medium Density Fiberboard (MDF): ANSI A208.2; type as specified in AWI/AWMAC Architectural Woodwork Quality Standards Illustrated; composed of wood fibers pressure bonded with moisture resistant adhesive to suit application; sanded faces; thickness as required.
   1. Use for painted components and concealed components.
   2. Use as backing for plastic laminate unless otherwise indicated.

2.05 LAMINATE MATERIALS

A. Manufacturers:
   1. Formica Corporation; Product #7812-SP, MDF Solidz, Sculpted Finish, base cabinets and #3447-58, Mineral Olivine, Matte Finish, Countertops: www.formica.com.
   2. Wilsonart International, Inc: www.wilsonart.com.

3. Substitutions: See Section 01 60 00 - Product Requirements.

B. Provide specific types as scheduled.

C. High Pressure Decorative Laminate (HPDL): NEMA LD 3, types as recommended for specific applications and as follows:
   1. Horizontal Surfaces: HGS, 0.048 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   2. Vertical Surfaces: VGS, 0.028 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   3. Post-Formed Horizontal Surfaces: HGP, 0.039 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   4. Post-Formed Vertical Surfaces: VGP, 0.028 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   5. Flame Retardant Surfaces: HGF, 0.048 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   6. Cabinet Liner: CLS, 0.020 inch nominal thickness, through color, colors as scheduled, finish as scheduled.
   7. Laminate Backer: BKL, 0.020 inch nominal thickness, undecorated; for application to concealed backside of panels faced with high pressure decorative laminate.

2.06 COUNTERTOPS

A. Plastic Laminate Countertops: Medium density fiberboard substrate covered with HPDL, conventionally fabricated and self-edge banded.

2.07 ACCESSORIES

A. Adhesive: Type recommended by fabricator to suit application.

B. Fasteners: Size and type to suit application.

C. Concealed Joint Fasteners: Threaded steel.

2.08 HARDWARE

A. Hardware: BHMA A156.9, types as recommended by fabricator for quality grade specified.

B. Adjustable Shelf Supports: Standard side-mounted system using recessed metal shelf standards or multiple holes for pin supports and coordinated self rests, polished chrome finish, for nominal 1 inch spacing adjustments.

C. Drawer and Door Pulls: "U" shaped wire pull, steel with chrome finish, 4 inch centers.

D. Cabinet Locks: Keyed cylinder, two keys per lock, master keyed, steel with satin finish.

E. Catches: Magnetic.

F. Drawer Slides:
   1. Type: Standard extension.
   2. Static Load Capacity: Commercial grade.
   3. Mounting: Side mounted.
   4. Stops: Integral type.
   5. Features: Provide self closing/stay closed type.
   6. Manufacturers:
      a. Accuride International, Inc: www.accuride.com.
      b. Grass America Inc: www.grassusa.com.
      c. Knape & Vogt Manufacturing Company: www.knapeandvogt.com.
      d. Substitutions: See Section 01 60 00 - Product Requirements.

G. Hinges: European style concealed self-closing type, steel with polished finish.

1. Manufacturers:
   a. Grass America Inc: www.grassusa.com.
   b. Hardware Resources: www.hardwareresources.com.
   c. Julius Blum, Inc: www.blum.com.
   d. Substitutions: See Section 01 60 00 - Product Requirements.

2.09 FABRICATION

A. Cabinet Style: Flush overlay.

B. Cabinet Doors and Drawer Fronts: Flush style.

C. Drawer Construction Technique: Dovetail joints.

D. Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.

E. Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.

F. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide matching trim for scribing and site cutting.

G. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners. Slightly bevel arises. Locate counter butt joints minimum 2 feet from sink cut-outs.
   1. Apply laminate backing sheet to reverse side of plastic laminate finished surfaces.
   2. Cap exposed plastic laminate finish edges with material of same finish and pattern.

H. Provide cutouts for plumbing fixtures. Verify locations of cutouts from on-site dimensions. Prime paint cut edges.

2.10 FACTORY FINISHING

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify adequacy of backing and support framing.

B. Verify location and sizes of utility rough-in associated with work of this section.

3.02 INSTALLATION

A. Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.

B. Use fixture attachments in concealed locations for wall mounted components.

C. Carefully scribe casework abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim for this purpose.

D. Secure cabinets to floor using appropriate angles and anchorages.

E. Countersink anchorage devices at exposed locations. Conceal with solid wood plugs of species to match surrounding wood; finish flush with surrounding surfaces.

3.03 ADJUSTING

A. Adjust installed work.

B. Adjust moving or operating parts to function smoothly and correctly.

3.04 CLEANING

A. Clean casework, counters, shelves, hardware, fittings, and fixtures.

END OF SECTION