SECTION 06 20 23 – INTERIOR FINISH CARPENTRY

PART 1 – GENERAL

1.1 RELATED SECTIONS

A. Section 01 73 29 – Cutting and Patching
B. Section 06 10 00 – Rough Carpentry
C. Section 08 14 16 – Flush Wood Doors
D. Section 08 71 00 – Door Hardware
E. Section 09 21 16 – Gypsum Board Assemblies
F. Section 09 91 23 – Interior Painting, where applicable

1.2 REFERENCES

A. Architectural Woodwork Institute (AWI): applicable quality standards for interior architectural woodwork.
B. ASTM International (ASTM): applicable standards for composite wood products, adhesives, and finishes.
C. Composite Panel Association (CPA): applicable requirements for composite wood products.
D. Applicable accessibility requirements for operable parts and accessible storage hardware.

1.3 SUBMITTALS

A. Product data for finish carpentry materials, trim, cabinet hardware, adhesives, fasteners, and factory-finished products.
B. Samples: Submit finish samples where new finish carpentry is intended to match existing woodwork or where color/finish selection is required.
C. Shop drawings or dimensioned product information for custom trim, cabinet components, or other fabricated finish carpentry where required to coordinate field conditions.

1.4 QUALITY ASSURANCE

A. Fabricate and install finish carpentry to produce tight joints, smooth exposed surfaces, consistent reveals, and durable installation appropriate for occupied residential use.
B. Match existing adjacent profiles, dimensions, and appearance where new work abuts existing finish carpentry unless otherwise indicated.

1.5 DELIVERY, STORAGE AND HANDLING

A. Deliver finish carpentry materials dry, protected, and suitably packaged. Store flat and off floor in conditioned interior spaces.

B. Acclimate wood and wood-based materials to installation spaces in accordance with manufacturer recommendations before fabrication or installation.

1.6 FIELD CONDITIONS

A. Verify dimensions and existing conditions before fabrication. Coordinate finish carpentry with door openings, pocket doors, cabinetry, plumbing fixtures, wall finishes, and flooring.

PART 2 – PRODUCTS

2.1 INTERIOR FINISH CARPENTRY MATERIALS

A. Wood Trim: Clear or paint-grade wood suitable for interior use, selected to remain straight and stable in bathroom conditions.

B. Composite Trim: Moisture-resistant paint-grade composite material may be used in bathroom locations where approved and compatible with adjacent construction.

C. Profiles and Dimensions: Match existing adjacent base, casing, jamb trim, and other finish carpentry where replacement is required, unless indicated otherwise.

D. Exposed surfaces shall be smooth, free of machine marks, open defects, chips, splits, and other imperfections visible after finishing.

2.2 DOOR AND POCKET-DOOR FINISH CARPENTRY

A. Provide finish jambs, casings, stops, trim, and closure pieces required for complete installation of new pocket doors and modified door openings.

B. Coordinate trim thickness and projection with pocket-door hardware so the specified double-sided pulls remain fully accessible and do not contact trim, wall finish, or pocket framing.

C. Provide removable or serviceable trim components where required to maintain access to pocket-door track or hardware.

2.3 CABINET AND VANITY HARDWARE

A. Cabinet Door: bar-type pulls permitting operation with one hand without tight grasping, pinching, or twisting of the wrist. Vanity Hardware comes with the cabinetry and sink.

B. Pull Size: See Section 08 71 00 Door Hardware for cabinetry hardware.

C. Operating Force: Cabinet doors, drawers, and associated hardware subject to accessible operable-part requirements shall operate with not more than 5 pounds force, where applicable.

D. Finish: Coordinate with plumbing fittings, door hardware, and bathroom accessories. See Finish Schedule and Legend, Section 08 71 00 Door Hardware, and Section 22 40 00 Plumbing Fixtures.

F. Manufacturer: Commercial-quality cabinet hardware manufacturer for pre-fabricated cabinetry.

2.4 FASTENERS AND ADHESIVES

A. Fasteners: Concealed where practical; corrosion-resistant in bathroom locations; type and length appropriate to material and substrate.

B. Finish Nails: Use where appropriate for painted trim; set below surface and fill before finishing.

C. Adhesives: Low-emitting, moisture-resistant where used in bathrooms, and recommended by manufacturer for substrates and service conditions.

2.5 FINISH

A. Paint-Grade Finish Carpentry: Factory primed where available or field primed and painted under Section 09 90 00.

B. Seal cut ends, edges, and field-machined surfaces in bathroom locations before final finishing.

C. Prefabricated Cabinetry to match Vanity Finish. See Drawings and Section 22 40 00 Plumbing Fixtures.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify substrates, blocking, dimensions, and environmental conditions are suitable for finish carpentry installation.

B. Do not install over wet, damaged, uneven, or otherwise unacceptable substrates.

3.2 PREPARATION

A. Field measure before cutting. Coordinate joints and terminations to minimize small pieces and visually awkward conditions.

B. Scribe and fit finish carpentry to adjacent walls, floors, cabinetry, and existing construction. Do not use excessive sealant to conceal poor fitting.

3.3 INSTALLATION

A. Install finish carpentry plumb, level, straight, securely attached, and with tight-fitting joints. Miter or cope joints as appropriate to profile and location.

B. Locate fasteners to minimize visibility. Set exposed nail heads and fill holes to produce a smooth finished surface.

C. Where matching existing work, align profiles, reveals, and elevations with existing adjacent finish carpentry.

D. Provide neat transitions where existing trim is removed or modified for new bathroom work.

3.4 CABINET HARDWARE INSTALLATION

A. Install pulls consistently on cabinet doors and within accessible reach ranges where cabinetry is designated for accessible use.

B. Mount pulls to provide comfortable finger clearance and one-hand operation without tight grasping, pinching, or twisting.

C. Adjust doors, drawers, hinges, slides, catches, and soft-close mechanisms for smooth operation without excessive opening force.

3.5 ADJUSTING, CLEANING AND PROTECTION

A. Repair or replace finish carpentry that is damaged, poorly fitted, warped, or otherwise unacceptable.

B. Clean exposed surfaces and remove adhesive, pencil marks, labels, and installation residue.

C. Protect completed finish carpentry from damage by subsequent construction until Substantial Completion.

END OF SECTION