

GUIDE SPECIFICATIONS FOR MUSICAL STORAGE

1.00 General

1.01 Summary

- A. This section includes the following Scope of Work as referred to in the plans:
 - 1. **Classic Finish:** Thermally Fused Laminate manufactured casework, for use in music areas, in combination of base and tall cabinets selected from manufacturers standard OR
 - 2. **Premium Finish:** High-Pressure Laminate manufactured casework, for use in music areas, in combination of base and tall cabinets selected from manufacturers standard.

1.02 Related Sections

- A. Applicable Provisions
 - 1. General casework, indicate by model number, as music storage.
 - 2. All General, Supplementary, and Special conditions listed elsewhere and requirements including, but not limited to, shop drawing submittals, color schedules, completion schedules, and sample requirements.
- B. Work not included in this section
 - 1. Rough carpentry
 - 2. Millwork, moldings, trim, and related items
 - 3. Plumbing, electrical and mechanical fixtures, cutouts, locations, and installation
 - 4. Blocking within walls (locations to be referenced on casework shop drawings)
 - 5. Fixture cutouts, installation, and connections that occur in products defined in this section.

1.03 Definitions

- A. Exposed Surfaces
 - 1. Surfaces visible with doors in the closed position.
 - 2. Interiors of all open cabinets and wire grill door cabinets
- B. Semi-Exposed Surfaces
 - 1. Interior surfaces not visible with doors and drawers in the closed position
- C. Concealed Surfaces
 - 1. Surfaces not visible after installation or during use of the product.

1.04 Manufacturers and Qualifications

- A. Music Instrument Cabinets provided by Southwest Solutions Group. www.southwestsolutions.com Phone: 1-(800) 803-1083.
- B. The materials, products, and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance, and quality to be met by any proposed substitution
- C. No substitution will be considered prior to receipt of Bids unless written request for approval has been received by the Architect at least ten days prior to the date for receipt of Bids. Such requests shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitution, including drawings, performance, and test data, and other information necessary for an evaluation. A statement setting forth changes in other materials, equipment, or other portions of the Work, including changes in the work of other contracts that incorporation of the proposed substitution would require, shall be included. The burden of proof of the merit of the proposed substitution is upon the proposer. The Architect's decision of approval or disapproval of a proposed substitution shall be final.

- D. If the Architect approves a proposed substitution prior to receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.
- E. No substitutions will be considered after the Contract award unless specifically provided for in the Contract Documents.
- F. Alternate manufacturers may be considered by showing evidence of 5 years of experience in the manufacture and/or supply of the products herein, without deviation.
- G. All products to be supplied with a 10-year manufacturer warranty against defects in manufacturing and workmanship.

1.05 Project Conditions

- A. Products are not to be installed until the building is enclosed, and climate-controlled under the following conditions:
 - 1. Average temperature to be between 60 and 70 degrees Fahrenheit.
 - 2. Maximum humidity not to exceed 70 percent.
- B. Products are not to be installed until all overhead utilities, and ceiling work are completed in the areas where casework is to be installed.

2.00 Products

2.01 Materials

- A. Core Materials
 - 1. Particleboard
 - a. High-performance industrial grade particleboard, 45-pound density, ANSI A 208.1-1993 M-3. Thickness as described herein. Provide at all components unless otherwise specified herein.
 - 2. Medium Density Fiberboard (MDF)
 - a. 45-pound density, ANSI A208.2.
- B. Decorative Laminate (TFL or HPL)
 - 1. **Classic Finish:** Thermal Fused Laminate for exposed and semi-exposed cabinet surfaces, compliant with NEMA performance standards. Color as selected from manufacturers standard offerings OR
 - 2. **Premium Finish:** High Pressure Laminate, for exposed and semi-exposed cabinet surfaces, compliant with NEMA performance standards. Color as selected from manufacturers standard offerings.
- C. Edge banding
 - 1. 3mm nominal (.118) PVC, edges and corners to be machined to a nominal .125" radius.

2.02 Hardware

- A. Hinges
 - 1. Heavy duty, five knuckle 2.75", shall meet ANSI/BHMAA156.9 Grade 1 requirements, integrated with wire grill doors, black.
- B. Pulls
 - 1. Padlock ready wire design, integrated with wire grill doors, black; Wire pull on laminate doors, black.
- C. Hasp
 - 1. Metal hasp with label holder, black. Padlocks and labels supplied by owner unless otherwise noted on the drawings.

D. Specialty hardware

1. Hardware not listed herein, as required for specialty products, shall be of the manufacturer's standard, or as approved by the Architect before manufacture.

2.03 Detailed Cabinet Construction

A. Surfaces

1. Exposed surfaces
 - a. **Classic Finish:** Thermal Fused Laminate, color selected from manufacturers standards or
 - b. **Premium Finish:** High Pressure Laminate, color selected from manufacturers standards.
2. Semi-exposed surfaces
 - a. Closed Interior: **Classic Finish:** Thermal Fused Laminate, color selected from manufactures standards or
 - b. Closed Interior: **Premium Finish:** High Pressure Laminate, color selected from manufactures standards.
 - c. Reverse faces of exposed surfaces: **Classic Finish:** Thermal Fused Laminate, color selected from manufactures standards or
 - d. Reverse faces of exposed surfaces: **Premium Finish:** High Pressure Laminate, color selected from manufactures standards.
3. Edges
 - a. Cabinet end panels, all edges: nominal 3mm PVC at all exposed and semi-exposed.
 - b. Cabinet top: nominal 3mm PVC, color matched to end panels.
4. Material balancing
 - a. **Classic Finish:** Thermal Fused Laminate is to be applied to both faces, color matched or
 - b. **Premium Finish:** High Pressure Laminate is to be applied to both faces, color matched.

- B. Cabinet construction for fully assembled cabinets. For larger cabinets needing to be shipped knock down for field assembly, all parts will ship separate. Assembly instructions to be provided.

1. Components

- a. Material Thicknesses:
 - a. 0.75" particle board for all materials.
- b. Fastening Methods
 - a. All fixed components permanently assembled with dowel connectors.
 - b. Quantity and locations per AWI Custom Grade requirements.
- c. Tops and bottoms
 - a. Solid sub-top shall be furnished for all base and tall cabinets. Finished top, edged 4 sides, to be applied above sub-top covering end panels.
 - b. Bottoms are to be fabricated the same as shelves.

- d. End panels
 - a. **Classic Finish:** Thermal Fused Laminate, color selected from manufactures standards or
 - b. **Premium Finish:** High Pressure Laminate, color selected from manufactures standards.
- e. Backs
 - a. Cabinet back shall be fully bound into sides, set in 3mm nominal from the back of the cabinet.
- f. Shelves
 - a. Fixed shelves to be securely fastened to end panels and/or dividers during the manufacturing process. Locations as indicated on drawings or as defined by manufacturer model number.
 - b. Shelves over 36" in width to be supported by 3.5" high full width apron doweled to cabinet sides and mechanically fastened to shelf. Field applied stiffeners are not permitted.
- g. Vertical Dividers
 - a. Secured in cabinet with dowels and mechanical fasteners.
- h. Doors
 - a. Mounted flush between end panels and vertical dividers. Refer to drawings for locations, swing and configuration.
 - b. Grille Doors: .25" perimeter, 0.1875" interior vertical wire. Integral hinges, wire pull and label holder. Color from manufacturer standard.
 - c. Laminate Doors: **Classic Finish:** 0.75" double sided Thermal Fused Laminate with 5-knuckle hinge, 3mm PVC edge banding or
 - d. Laminate Doors: **Premium Finish:** 0.75" double-sided High-Pressure Laminate with 5-knuckle hinge, 3mm PVC edge banding.
- i. Cabinet Base / Toe Kick
 - a. Each base and tall cabinet to have factory applied finished panel to run between end panels at front, fully doweled and bottom edged.
- j. Levelers
 - a. Each cabinet to have four steel bracket/pin heavy duty levelers with finish boot, factory fastened to end panel and apron in each corner.
 - b. Access to leveler adjustment pin provided at the interior of the cabinet.
- k. Filler panels and Scribes
 - a. Filler panels shall be 0.75" thick and made from the same material as the cabinet end panels and are not to exceed 3" in width, unless otherwise noted on the drawings.
 - b. Color to match cabinet door and drawer front color, vertical grain if applicable.
 - c. Fillers to be oversized in width and field cut as necessary to provide a tight fit between the cabinet and wall.

2. Workmanship

- a. Water resistant adhesives containing no health hazardous ingredients are required. Methods requiring heat and/or "contact laminating" are not allowed.
- b. Cabinet parts shall be accurately machined and bored to ensure consistent sizing. End panels shall be doweled to receive bottom, top and all shelves (unless adjustable shelves are shown).
- c. All cases shall be square, plumb, and true.

3.00 Execution

3.01 Coordination

- A. Coordinate work of this Section with related work of other trades to ensure proper installation of all items.

3.02 Preparation

- A. Prior to delivery, casework representative is to verify that the job site conditions as required by this section have been established. Work is not to proceed until conditions are acceptable.
- B. Prior to installation, casework and countertops are to be conditioned to the average prevailing humidity levels, as noted in section 1.05 of this document.

3.03 Installation

- A. Casework
 1. Install casework level, plumb, true and straight. Each unit has built-in corner levelers which are accessible from the inside for easy leveling.

3.04 Adjusting and Cleaning

- A. Adjust all hardware to manufacturer specifications to ensure smooth operation.
- B. Adjust all doors as required to maintain uniform reveals.
- C. Remove and dispose of all packing materials. Dispose all installation debris and dust.
- D. Deliver any keys, built as drawings, warranty information or other materials that were shipped with casework and countertops to the on-site Project Superintendent.