

**SECTION 12390**

**PRE-MANUFACTURED CABINETS**

**PART 1 GENERAL**

1.1 DESCRIPTION OF WORK

- A. The work includes furnishing all labor, materials and equipment required to complete the Pre-Manufactured Cabinet work as shown on the Drawings and as specified herein.
- B. Work Included: The work of this Section shall include, but is not limited to the following:
  - 1. Cabinet bases,
  - 2. Cabinet uppers;
  - 3. Cabinet doors, drawers, shelves & associated hardware.

1.2 RELATED WORK

- A. Finish Carpentry - SECTION 06200
- B. Plastic Laminate Countertops - SECTION 06240

1.3 QUALITY ASSURANCE

- A. Quality Standards: Except as otherwise shown or specified, comply with specified provisions of the following:
  - 1. Architectural Woodwork Institute (AWI) "Architectural Woodwork Quality Standards".

1.4 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Protect cabinets during transit, delivery, storage, and handling to prevent damage, soiling and deterioration. Do not deliver cabinets until painting, wet work, grinding and similar operations which could damage, soil, or deteriorate cabinets, have been completed in installation areas. If, due to unforeseen circumstances, cabinets must be stored in other than installation areas, store only in areas meeting requirements specified for installation areas.

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HATCHERY PROJECT

1.5 SUBMITTALS

- A. Shop Drawings: Submit shop drawings for all pre-manufactured cabinets in accordance with SECTION 01340. The Manufacturer is responsible for details and dimensions not controlled by job conditions; and shall show on their shop drawings all required field measurements beyond their control. The Contractor and the Manufacturer shall cooperate to establish and maintain these field dimensions.
- B. Colors and Finishes: Plastic laminate colors and finishes shall be as selected by the Engineer from plastic laminate manufacturer's standard choice of colors.

1.6 JOB CONDITIONS

- A. Examination: The Installer must examine the substrates and conditions under which the work is to be installed. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Installer.
- B. Conditioning: The Installer shall advise the General Contractor of temperature and humidity requirements for cabinet installation areas. Do not install cabinets until the required temperature and relative humidity have been stabilized and will be maintained in installation areas.

**PART 2 PRODUCTS**

2.1 MATERIALS

- A. Cabinets: Shall be "Quest" Cabinets, Laminate Style - Albany, with #552 pulls, as manufactured by Crystal Cabinets Works, Inc., Princeton, Minnesota, or approved equal.
  - 1. Construction
    - a. Sides, front and back of drawers shall be constructed of 1/2" white melamine laminate with a 1/4" thick bottom of the same material. Drawers shall be equipped with epoxy coated drawer slides with a maximum load capacity of 75 pounds.
    - b. Cabinet construction shall be 3/4" particle board covered in melamine laminate for sides, top and bottom. Back shall be 1/2" particle board with melamine laminate on the interior surface. All joints shall be doweled and glued.
    - c. Base cabinets shall have 3/4" thick stretchers.

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HATCHERY PROJECT

- d. Finish: Cabinets shall be plastic laminate finished in colors and textures as selected by the Engineer from the manufacturer's standard product line.
- e. Exposed cabinet edges and shelf edges shall be edge banded to match face panels.
- f. The cabinets shall have fully concealed, self-closing all steel hinges with 110° angle of opening; fully adjustable.

**PART 3 EXECUTION**

**3.1 INSTALLATION**

- A. Install the work plumb, level, true, and straight, with no distortions. Shim as required using concealed shims. Install to a tolerance of 1/8" in 8'-0" for plumb and level and with 1/16" maximum offset in flush adjoining surfaces, 1/8" maximum offsets in revealed adjoining surfaces. Installation
- B. Install without distortion so that doors and drawers will fit openings properly and be accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete the installation of hardware and accessory items as indicated.
- C. Adjustment, Cleaning, Finishing, and Protection
  - 1. Repair damaged and defective wood and laminate work wherever possible to eliminate defects functionally and visually; where not possible to repair properly, replace. Adjust joinery for uniform appearance.
  - 2. Clean hardware, lubricate and make final adjustments.
  - 3. Clean exposed and semi-exposed surfaces. Touch-up shop-applied finishes to restore damaged or soiled areas.
  - 4. Complete the finishing work specified as work of this Section, to whatever extent not completed at the shop or prior to installation of cabinets.
  - 5. Protection: The Installer of cabinets shall advise Contractor of final protection and maintained conditions necessary to ensure that the work will be without damage or deterioration at the time of acceptance.

**END OF SECTION**

**SECTION 12501**

**BLINDS**

**PART 1 GENERAL**

1.1 DESCRIPTION OF WORK

- A. The work includes furnishing all labor, materials and equipment required to complete the Blind work as shown on the Drawings and as specified herein.

1.2 QUALITY ASSURANCE

- A. Provide complete assemblies produced by one manufacturer including hardware, accessories items, mounting brackets and fasteners.
- B. Installer: Installation shall be accomplished by a firm which has specialized in the installation of the work of this section for the past five years and is acceptable to the manufacturer.

1.3 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Protect product during transit, delivery, storage, and handling to prevent damage, soiling and deterioration. Do not deliver product until painting, wet work, grinding and similar operations which could damage, soil, or deteriorate the work, have been completed in installation areas.

1.4 SUBMITTALS

- A. Submit the following in accordance with SECTION 01340:
  - 1. Shop Drawings: Submit shop drawings for all work of this section. The Manufacturer is responsible for details and dimensions not controlled by job conditions; and shall show on their shop drawings all required field measurements beyond their control. The Contractor and the Manufacturer shall cooperate to establish and maintain these field dimensions. Show special components which are not fully dimensioned or detailed on the drawings or on manufacturer's data sheets.
  - 2. Product Data: Include manufacturer's specifications and installation instructions showing methods of installation for each type of opening and supporting structure.

NORTHEAST OREGON  
HATCHERY PROJECT

1. Samples: Submit samples of each type of blind specified.

1.3 JOB CONDITIONS

- A. Examination: The Installer must examine the substrates and conditions under which the work is to be installed. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Installer.

**PART 2 PRODUCTS**

2.1 MATERIALS

- A. Blinds: Shall be Mark I DustGuard 1" (25mm) blinds with unperforated slats, as manufactured by Levolor (1-800 826-8021), or approved equal. Color shall be as selected by the Engineer.
- B. Miscellaneous Items: Provide other miscellaneous items as required for complete operating installation acceptable to the Engineer.

**PART 3 EXECUTION**

3.1 INSTALLATION

- A. Install blinds at windows as indicated on the windows schedule in strict accordance with the manufacturer's written instructions. Provide intermediate supports at intervals to permit easy entrance and removal of head, and to ensure level head and slat position. Position units plumb and true, securely anchored in place with recommended hardware and accessories to provide smooth easy operation.
- B. Adjustment, Cleaning, Finishing, and Protection:
  1. Clean hardware, lubricate and make final adjustments, cleaning exposed surfaces.
  2. Protection: The Installer of the work shall advise Contractor of final protection and maintained conditions necessary to ensure that the work will be without damage or deterioration at the time of acceptance.

**END OF SECTION**