

SECTION 08 14 23 - PLASTIC FACED DOOR MODIFICATION

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. The project includes removing existing wood doors in openings between the bedroom and bathroom and replacing with new custom plastic faced wood doors. The existing door hardware includes a continuous hinge with hospital cap, a cup pull on each side of the door and a dead bolt that are to be reinstalled on new doors. Existing hollow metal door frames are to remain.

Some openings will require new or replacement hardware. The owner will supply all required new hardware.

1.2 SUBMITTALS

- A. Manufacturer's Data: Submit manufacturer's specifications and installation instructions for plastic faced wood doors. Include data substantiating compliance with specified requirements.
- B. Shop Drawings: Submit shop drawings of all door assemblies. Schedule all doors, list materials, and show details of construction including finish sizes, undercuts, edge conditions and other appropriate information.
- C. Samples: Submit samples of wood grain laminate.
- D. Guarantee: Before final payment, furnish a written guarantee, signed by the manufacturer and Contractor, agreeing to repair or replace any doors which have warp (bow, cut or twist) or which show photographing of construction below facing materials for the life of the installation.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Doors: New non-rated SCL doors. Custom shape, anti-ligature, high pressure decorative laminate, bonded structural composite lumber core, non-rated.
- B. Hardware: Existing installed or owner provided, see 1.1 of this specification section.
- C. Basis of Design: VT Industries 808 Heritage Door with wood grain face laminate.

2.2 FABRICATION

- A. General: When complete, all surfaces shall be free of sharp edges or crevasses and shall have smooth surfaces to provide ligature attachment resistance. Of particular concern are door caps, strike plate/wrought boxes and hinges. Prior to completion, ease all edges.
- B. Door Configuration: Manufacture doors as shown on drawings. Provide 1-3/4" structural composite lumber, vertical stiles, top and bottom rails. Door edges to match laminate face.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Carefully examine the substrate and observe conditions under which the work is to be performed. Do not proceed with the work until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. New anti-ligature doors are to be installed in existing hollow metal frames between each bedroom and bathroom. Approximately 60 doors are exchanged with existing doors. All existing doors shall be removed and hardware salvaged for installation in new doors. Remove existing continuous hinge and cut excess hinge length from the bottom of the hinge to preserve the hospital cap and the hinge top attachment. Install new door, fill empty screw holes in frame with auto body filler (Bondo) and paint. Remove top silencer that will become exposed. Fill silencer hole with tamper proof screw. Ease sharp edges on hospital hinge cap.
- B. Strike Plate and Wrought Box: Strikes are required to include wrought boxes. Assure the box opening matches the strike plate opening to prevent a ligature hold point.

END OF SECTION