SECTION 08 14 16 - FLUSH WOOD DOORS

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

A. Design Requirements:
   1. Provide solid-core doors only; hollow-core not permitted.
   2. Flush wood doors permitted for interior use only; exterior wood doors are not permitted.
   3. In new construction use close-grained wood veneer; in existing buildings match existing doors.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products from one of the following:
   1. Algoma Hardwoods, Inc.
   2. VT Industries, Inc / Eggers Industries.

2.2 MATERIALS, GENERAL

2.3 DOOR CONSTRUCTION, GENERAL

A. Quality Standard: WDMA I.S.1-A.

B. WDMA I.S.1-A Performance Grade:
   1. Heavy Duty unless otherwise indicated.
   2. Extra Heavy Duty: Classrooms, public toilets, janitor's closets, assembly spaces, and exits.

2.4 VENEER-FACED DOORS FOR TRANSPARENT FINISH

A. Interior Solid-Core Doors:
   1. Grade: Premium, with Grade A faces.
   2. Species: Close-grained.
   3. Cut: Plain sliced (flat sliced) or quarter sliced.
   4. Assembly of Veneer Leaves on Door Faces: Center-balance match.
   5. Core: Particleboard.
   6. Rails and Stiles: LSL, adhered to core.
   7. Construction: Five or seven plies, bonded.

2.5 DOORS FOR OPAQUE FINISH

A. Interior Solid-Core Doors:
   1. Grade: Premium.
   2. Faces: Medium-density overlay.
   3. Core: Particleboard.
   4. Construction: Five or seven plies, bonded.
2.6 PRIMING/FINISHING

A. Shop Priming:
   1. Doors for Opaque Finish: One coat of wood primer.

B. Factory Finishing: Doors indicated to receive transparent finish.

C. Transparent Factory Finishes:
   1. Grade: Premium.
   2. Finish: Catalyzed polyurethane.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Seal top, bottom, and edges of doors immediately after fitting.

B. Through-bolt (barrel bolts) door closers and exit devices.

PART 4 – CHANGES

4.1 Updated 2.A, 1, 2 to include VT Industries, Inc. (1/1/2020)

END OF SECTION 08 14 16