The following engineering drawings illustrate the tested engineering of Doorset #3 construction base cabinets using Grade (3MDF Core TFL 2-SIDED), MDF PARTICLEBOARD CORE 5/8" (3-0.58"), and VENEER CORE PLYWOOD. These drawings do not indicate compliance with ANSI standards. Manufacturers shall acquire an official ANSI test report in order to indicate compliance.

**Engineering Notes**

- Cabinet size and configuration may be altered as long as joinery, spacing, and location requirements are followed.
- All joinery shall meet the tolerances of ANSI standards.
- Dovels shall be 8mm x 3.5mm.
- Construction illustrated herein is conforming for all frameless door and drawer overlays.
- Nails may allow for a tolerance of +/- 1.6mm (±) in the 127.00mm (5") width.

**Mechanical Fasteners**

For drawer divider, shall be #8 x 2/" long without high head screws.

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**Standards Development and Performance Testing**

1310 Southerfield Road
Americus, GA 31709

**Architectural Woodwork Institute**

Drawn By: HD
Reviewed By: HKM
Approved By: -

**Revisions**

- JOINERY METHOD: 8MM DOWEL
- SPECIMEN MATERIAL: MDF, PB, VC
- BATCH QUANTITY: -

**Scale:** As Noted
Hinge Type as specified, hinge location at the direction of the hinge manufacturer and to conform with all standards.

The thickness, width, and length for an adjustable shelf shall be determined by the shelf material's modulus of elasticity (MOE) with maximum 6 in deflection uniformly distributed load as determined by Performance Test Level. Material thickness, shelf length, and shelf width in conformance with 3.5.5.2.

Line bore locations shall conform with all standards.

2

DETAILED

SECTION

W = 2 1/4" = 1-1/2"

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Americus, GA 31709

Standards Development and Performance Testing

ARCHITECTURAL WOODWORK INSTITUTE

Drawn By: HD
Reviewed By: HKM
Approved By: -

REVISIONS

- △ -
7/7/2020
7/9/2021

SPECIMEN DWG. NO.: W-1.2
JOINERY METHOD NO.: 8MM DOWEL
SPECIMEN MATERIAL: MDF, PB, VC
BATCH QUANTITY: -

SCALE: AS NOTED