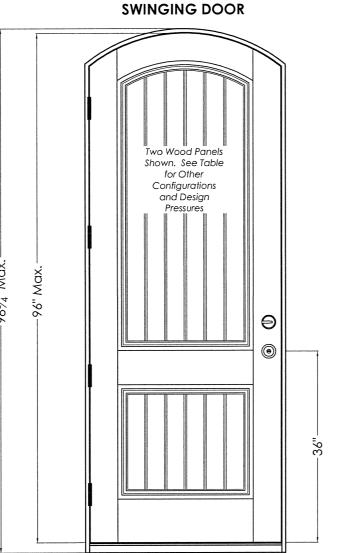
# SINGLE SQUARE-TOP **SWINGING DOOR** 3/4-Lite over Wood Panel Shown, See Table for Other Configurations and Design Pressures 98¾" Max 0 **(** 36" Max.

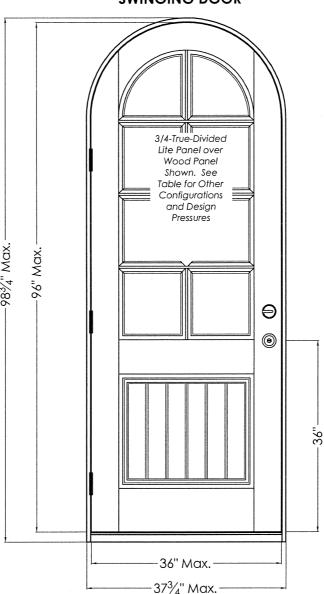
#### SINGLE EYEBROW-TOP **SWINGING DOOR**



36" Max.

 $37\frac{3}{4}$ " Max.

#### SINGLE ROUND-TOP **SWINGING DOOR**



## **SPECIFICATIONS**

Stile-and Rail Wood Doors, Inswing and Outswing by MAi Doors by Distinctive Doors, Inc.

Frame Material: Solid Wood Core with Mahogany Laminate (All Single Door Styles).

Door Material: Solid Core Walnut. Overall Maximum Dimensions: Single Door (Square, Eyebrow, or Round Top) -37.75" x 98.75".

Exterior Frame:  $4\frac{5}{8}$ " x  $1\frac{1}{4}$ " Rabetted and Kerfed with Vinyl-Wrapped Foam Weatherstripping.

Raised Panels: Solid Core Walnut. Min.  $\frac{3}{4}$ " Thickness at Taper. Max Panel Size  $24\frac{1}{2}$ " x 52  $\frac{3}{4}$ ". Optional Decorative Grooves.

Glazing: 5/8" Thick Tempered Clear or Decorative Insulating Glass. Max Daylight Opening 24 ½" x 52 ¾", True-Divided Lites (Max.  $10^{3/4}$ " x  $11^{1/4}$ ") or Single Lite with Optional Decorative False Muntins.

Installation Anchors and Hardware: See Sheet 5.

# **GENERAL NOTES**

 $37\frac{3}{4}$ " Max.

Code Compliance: This product, as described herein, demonstrates compliance with the 2004 and 2007 Florida Building Codes.

Water Infiltration: This product has not been tested for water infiltration.

**Impact Resistance**: This product has not been tested for impact resistance.

HVHZ: This product has not been approved for use within the High Velocity Hurricane Zone (HVHZ).

## **DESIGN NOTES**

job title

MAi-081205A

Wood Bucks: Wood Bucks Shall be Designed to Transfer the Loads Imposed Upon Them to the Supporting Structure.

**Design Pressures:** Allowable Design Pressures for a Particular Size and Configuration of Door Shall be Determined from Table 1 on Sheet 9.

rev no.

# LIMITATIONS OF USE

- This Product Evaluation Document (PED) Prepared by This Engineer is Generic and Does Not Provide Information for a Site-Specific Project; i.e. Where Site Conditions Deviate from the
- Contractor to be Responsible for the Selection, Purchase and Installation of this Product Based on this PED Provided He/She does not Deviate From the Conditions Detailed on this PED.
- This PED will be Considered Invalid if Altered.
- Site-Specific Projects Shall be Prepared by a Florida Registered Professional Engineer or Architect, Who Will Become the Engineer of Record (EOR) for the Project, and Who Will be Responsible for the Proper Use of the PED.

CATEGORY 5
Engineering Services, Inc.

(954) 784-6991

STILE AND RAIL WOOD DOORS MAI DOORS by DISTINCTIVE DOORS, Inc.

933 Hensley Lane, Wylie, TX 75098

drawn by

date December 30th, 2008 Revisions FL PE #50049 CA #25854

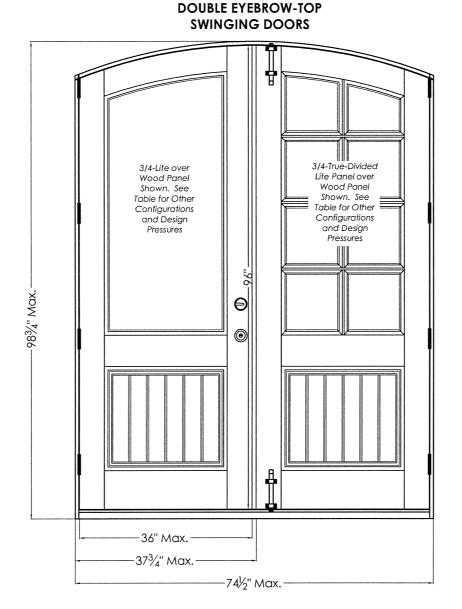
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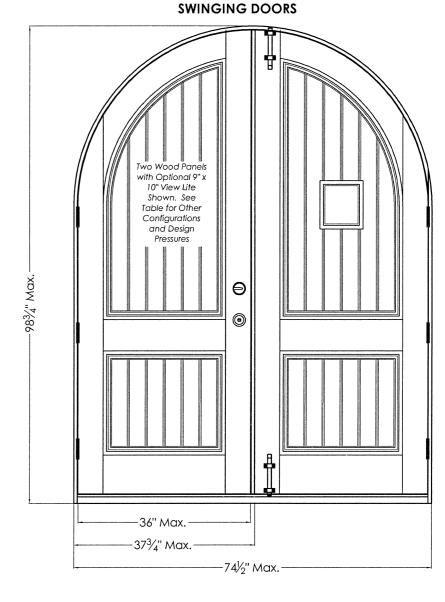
**ELEVATIONS and SPECIFICATIONS** SINGLE DOORS

1600 S. Federal Highway. #207 Pompano Beach, FL 33062

# **SWINGING DOORS** 3/4-True-Divided Lite Panel over Wood Panel Table for Other Configurations and Design ..96 98¾" Max. ⊜ **(e)** 36" Max. $-37\frac{3}{4}$ " Max.

**DOUBLE SQUARE-TOP** 





**DOUBLE ROUND-TOP** 

# **SPECIFICATIONS**

Stile-and Rail Wood Doors, Inswing and Outswing by MAi Doors by Distinctive Doors, Inc. Frame Material: Solid Wood Core with Mahogany Laminate (Double Square-Top); Solid Core Walnut (Double Eyebrow-Top and Double Round-Top).

Door Material: Solid Core Walnut (All Styles).

Overall Maximum Dimensions: Double Door (All Styles) -  $74\frac{1}{2}$ " x 98  $\frac{3}{4}$ ".

 $74\frac{1}{2}$ " Max.

**Exterior Frame:**  $4\frac{5}{8}$ " x  $1\frac{1}{4}$ " Rabetted and Kerfed with Vinyl-Wrapped Foam Weatherstripping. **Raised Panels:** Solid Core Walnut. Min.  $\frac{3}{4}$ " Thickness at Taper. Max Panel Size  $\frac{24}{8}$ " x 52  $\frac{3}{4}$ ". Optional Decorative Grooves.

Glazing: 5/8" Thick Tempered Clear or Decorative Insulating Glass. Max Total Daylight Opening  $24\frac{1}{8}$ " x 52  $\frac{3}{4}$ ". True-Divided Lites (Max. 10  $\frac{3}{4}$ " x 11  $\frac{1}{8}$ "), or Single Lite with Optional Decorative False Muntins.

Installation Anchors and Hardware: See Sheet 6.

#### **GENERAL NOTES**

Code Compliance: This product, as described herein, demonstrates compliance with the 2004 and 2007 Florida Building Codes.

Water Infiltration: This product has not been tested for water infiltration.

Impact Resistance: This product has not been tested for impact resistance.

**HVHZ:** This product has not been approved for use within the High Velocity Hurricane Zone (HVHZ).

## **DESIGN NOTES**

Wood Bucks: Wood Bucks Shall be Designed to Transfer the Loads Imposed Upon Them to the Supporting Structure.

**Design Pressures:** Allowable Design Pressures for a Particular Size and Configuration of Door Shall be Determined from Table 2 on Sheet 9.

CATEGORY 5
Engineering Services, Inc.

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991

job title STILE AND RAIL WOOD DOORS

> MAI DOORS by DISTINCTIVE DOORS, Inc. 933 Hensley Lane, Wylie, TX 75098

drawn by rev no.

**Revisions** 

1/FLPE #50049

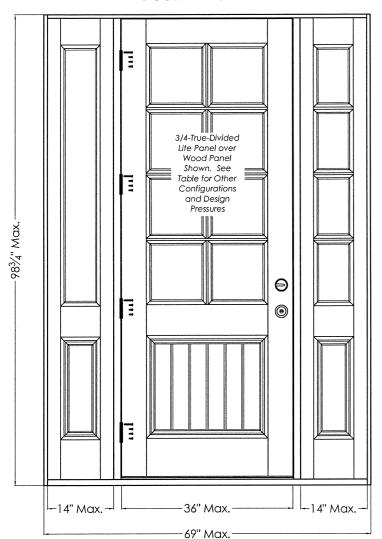
**ELEVATIONS and SPECIFICATIONS DOUBLE DOORS** 

MAi-081205A

date December 30th, 2008

CA #25854

# SINGLE SQUARE-TOP IN-SWINGING DOOR WITH SIDELITES



#### **SPECIFICATIONS**

Stile-and Rail Wood Doors, Inswing and Outswing with Sidelites by MAi Doors by Distinctive Doors, Inc.

<u>Frame Material</u>: Solid Wood Core with Mahogany Laminate (Square-Top); Solid Core Walnut (Eyebrow-Top).

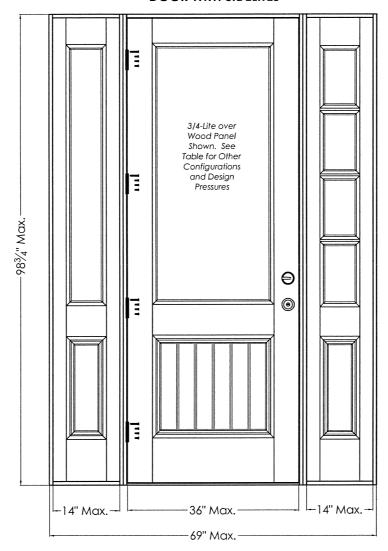
Door Material: Solid Core Walnut (All Styles).

<u>Overall Maximum Dimensions:</u> Single Door with Sidelite (All Styles) - 69" x 98  $\frac{3}{4}$ ". <u>Exterior Frame:</u>  $4\frac{5}{8}$ " x  $1\frac{1}{4}$ " Rabetted and Kerfed with Vinyl-Wrapped Foam Weatherstripping.

Raised Panels: Solid Core Walnut. Min.  $\frac{3}{4}$ " Thickness at Taper. Max Panel Size  $24\frac{1}{8}$ " x 52  $\frac{3}{4}$ " (Door);  $6\frac{1}{4}$ " x 52  $\frac{3}{4}$ " (Sidelite). Optional Decorative Grooves. Glazing:  $\frac{5}{8}$ " Thick Tempered Clear or Decorative Insulating Glass. Max Total Daylight Opening  $24\frac{1}{8}$ " x 52  $\frac{3}{4}$ " (Door);  $6\frac{1}{4}$ " x 52  $\frac{3}{4}$ " (Sidelite). True-Divided Lites (Max.  $10\frac{3}{4}$ " x  $11\frac{1}{8}$ "), or Single Lite with Optional Decorative False Muntins.

**Installation Anchors and Hardware:** See Sheet 7.

# SINGLE SQUARE-TOP OUT-SWINGING DOOR WITH SIDELITES



## **GENERAL NOTES**

<u>Code Compliance:</u> This product, as described herein, demonstrates compliance with the 2004 and 2007 Florida Building Codes.

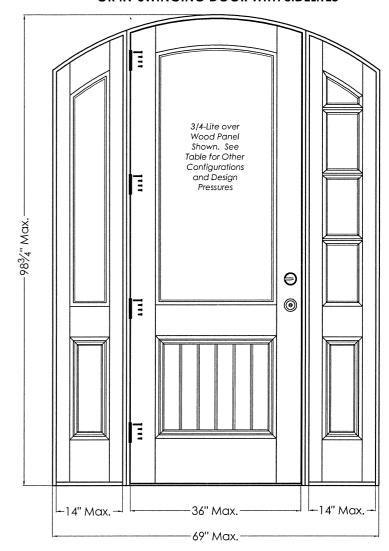
<u>Water Infiltration:</u> This product has not been tested for water infiltration. <u>Impact Resistance:</u> This product has not been tested for impact resistance. <u>HVHZ:</u> This product has not been approved for use within the High Velocity Hurricane Zone (HVHZ).

# **DESIGN NOTES**

<u>Wood Bucks:</u> Wood Bucks Shall be Designed to Transfer the Loads Imposed Upon Them to the Supporting Structure.

<u>Design Pressures:</u> Allowable Design Pressures for a Particular Size and Configuration of Door Shall be Determined from Table 3 on Sheet 9.

# SINGLE EYEBROW-TOP OUT-SWINGING OR IN-SWINGING DOOR WITH SIDELITES



#### SPECIAL NOTES

<u>Square-Top Outswing Assemblies</u>: Each Component Has its Own Frame Box. Frame Boxes are Fastened Back-to-Back at the Factory.

<u>Square-Top Inswing Assemblies:</u> A One-Piece Frame is Constructed in the Factory. Sidelites and Door Share a Common Intermediate Jamb Member, Rabbetted on Both Sides.

Eyebrow-Top Assemblies (Both In- and Out-Swing): Each Component Has its Own Frame Box. Frame Boxes are Fastened Back-to-Back at the Factory.



# CATEGORY 5 Engineering Services, Inc.

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991

ob title	STILE AND RAIL WOOD DOORS
	MAI DOORS by DISTINCTIVE DOORS, Inc.
	933 Hensley Lane, Wylie, TX 75098

933 Hensley Lane, Wylie, TX 75098

dwg no.
MAi-081205A rev no.
0 drawn by
ETM date
December 30th, 2008

Emma T. Mellinger, P.E.

PE #50049

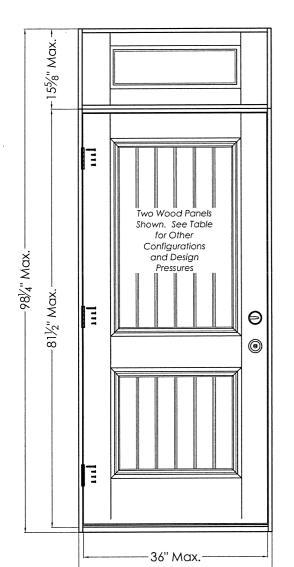
No. Revisions by CA #25854

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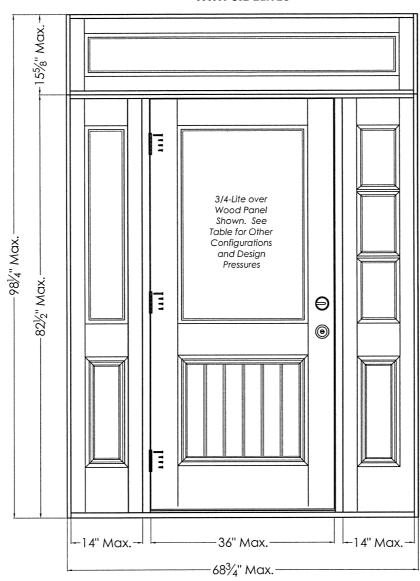
sheet title

ELEVATIONS and SPECIFICATIONS DOORS WITH SIDELITES

#### INTEGRAL TRANSOM UNIT



#### INTEGRAL TRANSOM UNIT WITH SIDELITES



# **GENERAL NOTES**

Code Compliance: This product, as described herein, demonstrates compliance with the 2004 and 2007 Florida Building Codes.

Water Infiltration: This product has not been tested for water infiltration.

**Impact Resistance**: This product has not been tested for impact resistance.

HVHZ: This product has not been approved for use within the High Velocity Hurricane Zone (HVHZ).

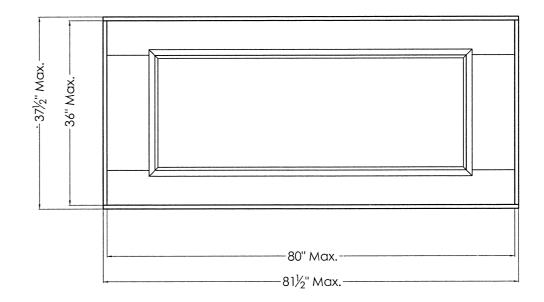
 $37\frac{3}{4}$ " Max.

# **DESIGN NOTES**

Wood Bucks: Wood Bucks Shall be Designed to Transfer the Loads Imposed Upon Them to the Supporting Structure. Design Pressures: Allowable Design Pressures for a Particular Size and Configuration of Door Shall be Determined from Tables 3 and 4 on Sheet 9.

MAi-081205A

#### INDEPENDENT TRANSOM UNIT



## **SPECIFICATIONS**

Stile-and Rail Wood Doors, Inswing and Outswing with Sidelites/Transoms, and Stile and Rail Construction Independent Transoms by MAi Doors by Distinctive Doors, Inc.

Frame and Transom Materials: Solid Wood Core with Mahogany Laminate.

Door and Sidelite Materials: Solid Core Walnut. Overall Maximum Dimensions: Single Door with Integral Transom - 37.75" x 98.25" (Transom Shall be No Larger Than 37.75" Wide x 15.625" Tall); Single Door with

Sidelites and Transom - 69.00" x 98.25" (Transom Shall be No Larger Than 69.00" Wide x 15.625" Tall);

Independent Transom - 81.50" x 37.50". **Transom Frame:**  $4\frac{5}{8}$ " x  $1\frac{1}{4}$ " with  $\frac{1}{2}$ " Rabbett.

<u>Transom Glazing:</u> 5%" Thick Tempered Clear or Decorative Insulating Glass. Integral Transom - Max DLO 60.00 x 7.75"; Independent Transom - Max DLO 60.00 x 22.375". Optional Decorative False Muntins. Installation Anchors and Hardware: See Sheet 8.

CATEGORY 5
Engineering Services, Inc.

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991

job title STILE AND RAIL WOOD DOORS

> MAI DOORS by DISTINCTIVE DOORS, Inc. 933 Hensley Lane, Wylie, TX 75098

rev no. date December 30th, 2008 drawn by

**Revisions** 

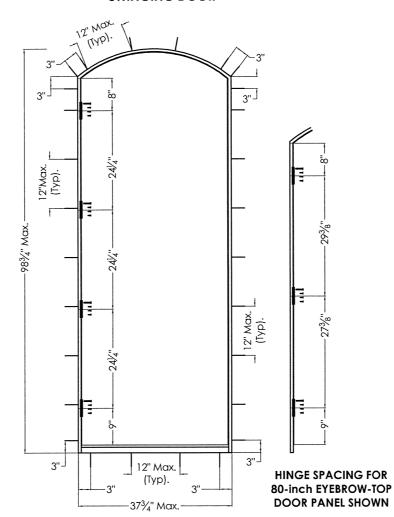
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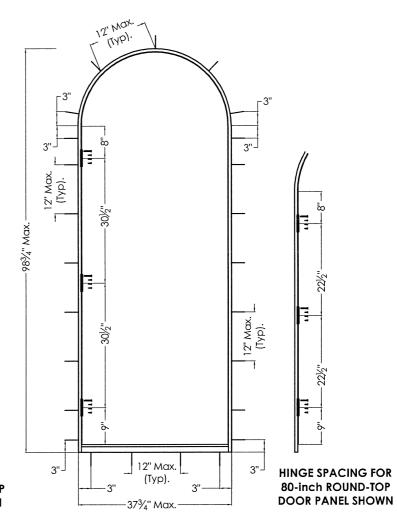
**ELEVATIONS and SPECIFICATIONS** TRANSOM ASSEMBLIES

# **SINGLE SQUARE-TOP SWINGING DOOR** 12" Max. (Typ). 3" ] 12" Max. (Typ). 12" Max. (Typ). 3" ] 12" Max. HINGE SPACING FOR (Typ). 80-inch SQUARE-TOP

#### SINGLE EYEBROW-TOP **SWINGING DOOR**



#### SINGLE ROUND-TOP **SWINGING DOOR**



## **ANCHORAGE**

Anchors Shall be Spaced at 12" o/c and 3" From Corners and Spring Points. One Additional Anchor Shall be Installed Through Each Hinge. Anchors Shall be of a Type Specified Below:

#### **ANCHOR TYPE 1**

1" X Tapcons into Concrete or Filled Masonry Block (Through Optional 1" x Buck). Allow 1 1/4" Min. Embedment, 1/4" Max Shim Space.

#### **ANCHOR TYPE 2**

1/4" Wood Screws into 2" x Wood Buck or Wood Structures. Allow 1 3/8" Min. Embedment,  $\frac{1}{4}$ " Max Shim Space.

#### **ANCHOR TYPE 3**

 $\frac{1}{4}$ " TEK or Self-Drilling Screws into Metal Structures ( $\frac{1}{8}$ " Min. Thickness). Screw Shall Penetrate Metal Wall by 3 Full Thread Pitches. No Shim Space.

#### **HARDWARE**

All Hardware Shall be 2007 Florida Building Code and Rule 9B-72 Compliant.

HINGES: 4" x 4" Stainless Steel Butt-Type Hinges (0.89" Min. Thickness) with 0.285" Min. Diameter Pin.

PASSAGE LOCK and DEADBOLT SET: Minimum ANSI/BHMA A156.5 Grade 2 Deadbolt by KWIKSET, or Equivalent.

SURFACE BOLTS (Double Door Active Leaf): IVES Model SB454, or Equivalent.

FLUSH BOLTS (Double Door Inactive Leaf): WORLDWIDE DOOR COMPONENTS Model 15-FL7 or 15-FLE7, or Equivalent.

**INSWING THRESHOLD:** Aluminum Sill with Adjustable Oak Strip - ENDURA Model HAI56250, or Equivalent.

**OUTSWING THRESHOLD:** Aluminum Bumper-Type -ENDURA Model FOB4566, or Equivalent.

WEATHERSTRIPPING: ENDURA Q-Lon QEB825, or Equivalent.

CATEGORY 5 Engineering Services, Inc.

DOOR PANEL SHOWN

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991

job title STILE AND RAIL WOOD DOORS

> MAI DOORS by DISTINCTIVE DOORS, Inc. 933 Hensley Lane, Wylie, TX 75098

rev no. drawn by **Revisions** 

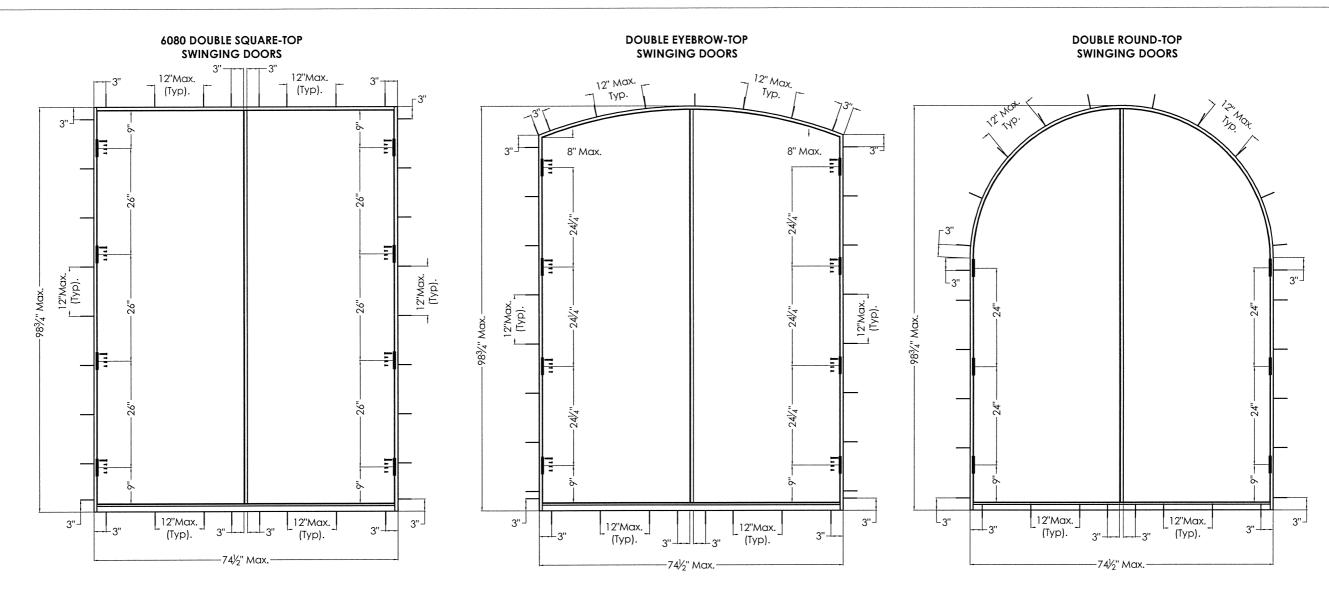
FL PE #50049

**ANCHORAGE and HARDWARE** SINGLE DOORS

MAi-081205A

date December 30th, 2008

CA'#25854



# **ANCHORAGE**

Anchors Shall be Spaced at 12" o/c and 3" From Corners and Spring Points. One Additional Anchor Shall be Installed Through Each Hinge. Anchors Shall be of a Type Specified Below:

#### **ANCHOR TYPE 1**

 $\frac{1}{4}$ " Tapcons into Concrete or Filled Masonry Block (Through Optional 1" x Buck). Allow 1 1/4" Min. Embedment, 1/4" Max Shim Space.

#### **ANCHOR TYPE 2**

 $\frac{1}{4}$ " Wood Screws into 2" x Wood Buck or Wood Structures. Allow 1 \( \frac{3}{8} \)" Min. Embedment,  $\frac{1}{4}$ " Max Shim Space.

#### **ANCHOR TYPE 3**

 $\frac{1}{4}$ " TEK or Self-Drilling Screws into Metal Structures ( $\frac{1}{8}$ " Min. Thickness). Screw Shall Penetrate Metal Wall by 3 Full Thread Pitches. No Shim Space.

#### **HARDWARE**

All Hardware Shall be 2007 Florida Building Code and Rule 9B-72 Compliant.

**HINGES:** 4" x 4" Stainless Steel Butt-Type Hinges (0.89" Min. Thickness) with 0.285" Min. Diameter Pin.

PASSAGE LOCK and DEADBOLT SET: Minimum ANSI/BHMA A156.5 Grade 2 Deadbolt by KWIKSET, or Equivalent.

SURFACE BOLTS (Double Door Active Leaf): IVES Model SB454, or Equivalent.

MAi-081205A

FLUSH BOLTS (Double Door Inactive Leaf): WORLDWIDE DOOR COMPONENTS Model 15-FL7 or 15-FLE7, or Eauivalent.

**INSWING THRESHOLD:** Aluminum Sill with Adjustable Oak Strip - ENDURA Model HAI56250, or Equivalent.

**OUTSWING THRESHOLD:** Aluminum Bumper-Type -ENDURA Model FOB4566, or Equivalent.

WEATHERSTRIPPING: ENDURA Q-Lon QEB825, or Equivalent.

CATEGORY 5 Engineering Services, Inc.

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991

job title STILE AND RAIL WOOD DOORS

MAI DOORS by DISTINCTIVE DOORS, Inc. 933 Hensley Lane, Wylie, TX 75098

dwg no. rev no. date December 30th, 2008

**Revisions** 

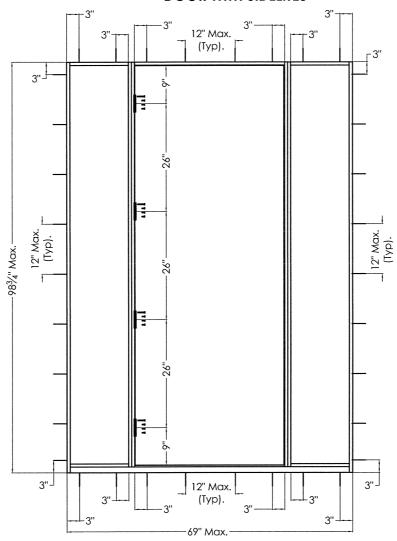
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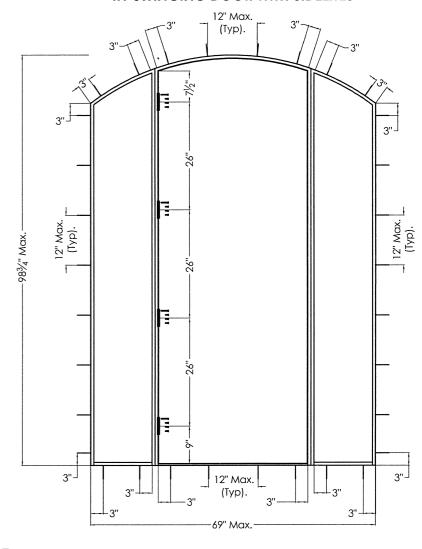
**ANCHORAGE and HARDWARE DOUBLE DOORS** 

# SINGLE SQUARE-TOP IN-SWINGING **DOOR WITH SIDELITES** 12" Max. 3" ] 12" Max.

# SINGLE SQUARE-TOP OUT-SWINGING DOOR WITH SIDELITES



# SINGLE EYEBROW-TOP OUT-SWINGING OR IN-SWINGING DOOR WITH SIDELITES



#### ANCHORAGE

Anchors Shall be Spaced at 12" o/c and 3" From Corners and Spring Points. One Additional Anchor Shall be Installed Through Each Hinge. Anchors Shall be of a Type Specified Below:

#### **ANCHOR TYPE 1**

 $\frac{1}{4}$ " Tapcons into Concrete or Filled Masonry Block (Through Optional 1" x Buck). Allow 1  $\frac{1}{4}$ " Min. Embedment,  $\frac{1}{4}$ " Max Shim Space.

#### **ANCHOR TYPE 2**

 $\mbox{$\chi$}$ " Wood Screws into 2" x Wood Buck or Wood Structures. Allow 1  $\mbox{$\%$}$ " Min. Embedment,  $\mbox{$\chi$}$ " Max Shim Space.

#### **ANCHOR TYPE 3**

 $\frac{}{\sqrt{4}}$ " TEK or Self-Drilling Screws into Metal Structures ( $\frac{1}{8}$ " Min. Thickness). Screw Shall Penetrate Metal Wall by 3 Full Thread Pitches. No Shim Space.

**DOORS with SIDELITES** 

# HARDWARE

All Hardware Shall be 2007 Florida Building Code and Rule 9B-72 Compliant.

<u>HINGES:</u>  $4" \times 4"$  Stainless Steel Butt-Type Hinges (0.89" Min. Thickness) with 0.285" Min. Diameter Pin.

PASSAGE LOCK and DEADBOLT SET: Minimum

ANSI/BHMA A156.5 Grade 2 Deadbolt by KWIKSET, or Equivalent.

**SURFACE BOLTS (Double Door Active Leaf):** IVES Model SB454, or Equivalent.

FLUSH BOLTS (Double Door Inactive Leaf): WORLDWIDE DOOR COMPONENTS Model 15-FL7 or 15-FLE7, or Equivalent.

INSWING THRESHOLD: Aluminum Sill with Adjustable Oak Strip - ENDURA Model HAI56250, or Equivalent.

**OUTSWING THRESHOLD:** Aluminum Bumper-Type - ENDURA Model FOB4566, or Equivalent.

**WEATHERSTRIPPING:** ENDURA Q-Lon QEB825, or Equivalent.

# CATEGORY 5 Engineering Services, Inc. 5

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991

# STILE AND RAIL WOOD DOORS

MAI DOORS by DISTINCTIVE DOORS, Inc. 933 Hensley Lane, Wylie, TX 75098

933 Hensley Lane, Wylie, IX /5098

dwg no.
MAi-081205A rev no.

0 drawn by
ETM date
December 30th, 2008

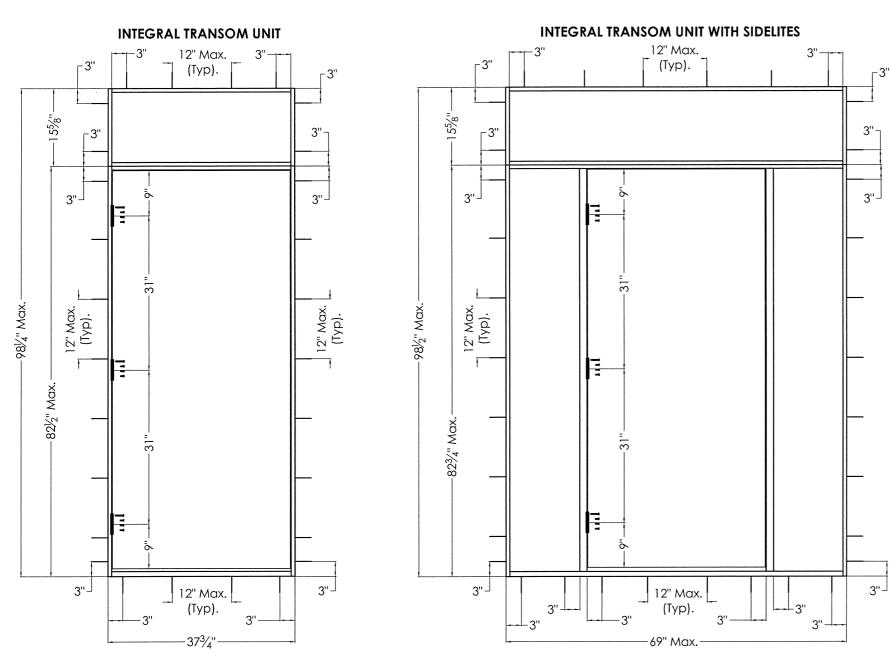
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ma, T. Mellinger, P.E. # FL PE #50049

CA #25854

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ANCHORAGE and HARDWARE

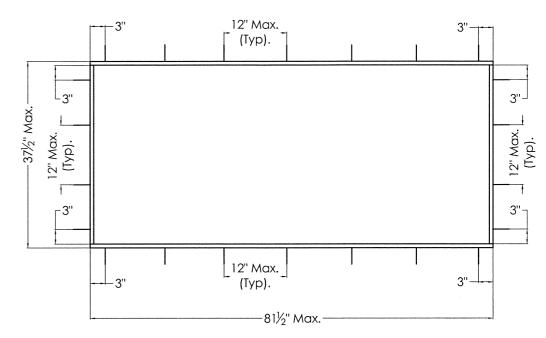


## **INSTALLATION NOTES**

Integral Transoms: The Transom Has its Own Frame Box. The Transom Frame Box is Fastened Back-to-Back with the Door/Sidelite Assembly in the Factory.

**Independent Transoms:** Independent Transoms Shall be Separated From the Door/Sidelite Assembly with a Structural Mullion or Other Beam Capable of Transferring The Loads Imposed Upon it to the Supporting Structure. This Mullion is Not Part of This Product Approval, and Shall be Designed by Others to Meet the Requirements of the Florida Building Code.

# INDEPENDENT TRANSOM UNIT



# **ANCHORAGE**

Anchors Shall be Spaced at 12" o/c and 3" From Corners and Spring Points. One Additional Anchor Shall be Installed Through Each Hinge. Anchors Shall be of a Type Specified Below:

#### **ANCHOR TYPE 1**

1/4" Tapcons into Concrete or Filled Masonry Block (Through Optional 1" x Buck). Allow  $1\frac{1}{4}$ " Min. Embedment,  $\frac{1}{4}$ " Max Shim Space.

#### **ANCHOR TYPE 2**

1/4" Wood Screws into 2" x Wood Buck or Wood Structures. Allow 1 3/8" Min. Embedment, 1/4" Max Shim Space.

#### **ANCHOR TYPE 3**

1/4" TEK or Self-Drilling Screws into Metal Structures 1/8" Min. Thickness. Screw Shall Penetrate Metal Wall by 3 Full Thread Pitches. No Shim Space.

CATEGORY 5
Engineering Services, Inc.

1600 S. Federal Highway, #207 Pompano Beach, FL 33062

STILE AND RAIL WOOD DOORS

dwg no. drawn by

MAI DOORS by DISTINCTIVE DOORS, Inc. 933 Hensley Lane, Wylie, TX 75098 rev no. date December 30th, 2008 MAi-081205A **Revisions**  FL PE #50049

/OA #25854

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**ANCHORAGE and HARDWARE** TRANSOM ASSEMBLIES

(954) 784-6991

# TABLE 1.

SINGLE DOORS (Square-Top or Arch-Top)					
Nominal Size	Swing	Configuration	Design Pressures (psf)		
3068	Inswing	3/4-Lite over 1 Panel	35	-45	
	Outswing	3/4-Lite over 1 Panel	45	-35	
	Inswing	TDL over 1 Panel	52	-55	
	Outswing	TDL over 1 Panel	55	-52	
	Inswing	2 Panels	47	-57	
	Outswing	2 Panels	57	-47	
3080	Inswing	3/4-Lite over 1 Panel	35	-45	
	Outswing	3/4-Lite over 1 Panel	45	-35	
	Inswing	TDL over 1 Panel	52	-47	
	Outswing	TDL over 1 Panel	47	-52	
	Inswing	2 Panels	47	-57	
	Outswing	2 Panels	57	-47	

# SINGLE DOORS (Radius-Top)

Nominal Size	Swing	Configuration	Design Pressures (psf)	
3068	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	47	-62
	Outswing	TDL over 1 Panel	62	-47
	Inswing	2 Panels	47	-57
	Outswing	2 Panels	57	-47
3080	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	47	-62
	Outswing	TDL over 1 Panel	62	-47
	Inswing	2 Panels	47	-57
	Outswing	2 Panels	57	-47

# TABLE 2.

DOUBLE DOORS (Square-Top or Arch-Top)				
Nominal Size	Swing	Configuration	Design Pressures (psf)	
3068	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	35	-52
	Outswing	TDL over 1 Panel	52	-35
	Inswing	2 Panels	35	-52
	Outswing	2 Panels	52	-35
3080	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	35	-52
	Outswing	TDL over 1 Panel	52	-35
:	Inswing	2 Panels	35	-52
	Outswing	2 Panels	52	-35

## DOUBLE-DOORS (Radius-Top)

Nominal Size	Swing	Configuration		Pressures sf)
3068	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	52	-55
	Outswing	TDL over 1 Panel	55	-52
	Inswing	2 Panels	47	-57
	Outswing	2 Panels	57	-47
3080	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	47	-52
	Outswing	TDL over 1 Panel	52	-47
	Inswing	2 Panels	47	-57
	Outswing	2 Panels	57	-47

# TABLE 3.

Nominal Size	Swing	Door Configuration	Design F (p	Pressure: sf)
3068	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	52	-55
	Outswing	TDL over 1 Panel	55	-47
	Inswing	2 Panels	47	-55
	Outswing	2 Panels	57	-47
3080	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	47	-52
	Outswing	TDL over 1 Panel	52	-47
	Inswing	2 Panels	47	-52
	Outswing	2 Panels	57	-47

#### DOORS WITH INTEGRAL TRANSOMS (With or Without Sidelites)

Nominal			Design F	ressures
Size	Swing	Door Configuration	(psf)	
3068	Inswing	3/4-Lite over 1 Panel	35	-45
	Outswing	3/4-Lite over 1 Panel	45	-35
	Inswing	TDL over 1 Panel	45	-50
	Outswing	TDL over 1 Panel	50	-45
	Inswing	2 Panels	45	-50
	Outswing	2 Panels	50	-45

# TABLE 4.

INDEPE	NDENT TRAI	NSOM	
Nominal Size	Swing	Configuration	Design Pressures (psf)
3068	N/A	Full Lite	6262

CATEGORY 5
Engineering Services, Inc.

1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991 STILE AND RAIL WOOD DOORS

MAI DOORS by DISTINCTIVE DOORS, Inc.

933 Hensley Lane, Wylie, TX 75098

dwg no.
MAi-081205A rev no.
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ETM dat

 mg T. Mellinger, P. /FL PE #50049 CA #25854

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sheet title