



## ALCO Doors A Division of American Lumber Corporation History

In 1904, Baltimore was consumed by fire. Despite the efforts of over 1,200 firefighters, the blaze raged for more than 30 hours, destroying over 1,500 buildings and spanning 70 city blocks.

One of the Baltimoreans who rose to the occasion was Harris Farbman who founded The Baltimore Lumber Company to meet the needs of the city and its beleaguered residents. In 1934 the name was changed to American Lumber Corporation. In 2009 the name was shortened to Alco Doors a division of American Lumber

Over the years and across four generations, the Alco Doors has left its mark on Baltimore and the region as both a lumber supplier and a millwork door manufacturing company. The firm has supplied projects for some of the Mid-Atlantic's most important organizations and institutions and has been involved in numerous landmark projects in every decade of its existence.

# ALCO Doors A Division of American Lumber Corporation

## Product Lines

- **Molded Hardboard- Solid Core & Hollow Core**
- **LEEDS & FSC Certified Door Slabs**
- **Stile & Rail primed, oak & pine**
- **Louvered , Glazed & Paneled**
- **Solid MDF**
- **Medium density overlay**
- **Chevron Louvers manufactured and installed**
- **Steel & Fiberglass Entrance/Patio Door Systems**



## ■ SINGLE DOORS

### STANDARD SIZES:

- HEIGHT: 6-8, 7-0, 8-0
- WIDTH: 1-6, 1-8, 2-0, 2-4,  
2-6, 2-8, 2-10, 3-0

LARGER WIDTHS AVAILABLE IN FLUSH

2-10 ADA available

(OTHER SIZES ARE AVAILABLE UPON REQUEST)



## ■ DOUBLE DOORS

» HIP (HUNG IN PAIR)

» STANDARD SIZES:

- HEIGHT: 6-8, 7-0, 8-0
- WIDTH: ANY COMBINATION
- EXAMPLE: 4-0 PAIR = 2 2-0 LEAFS

(OTHER SIZES ARE AVAILABLE UPON REQUEST)

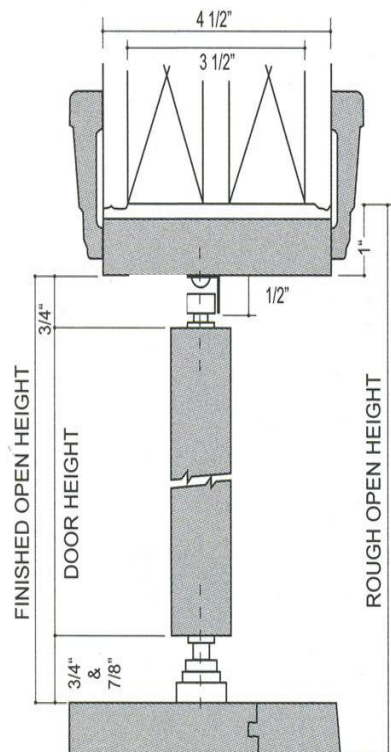


## STANDARD 1-3/8" HOLLOW CORE

**2 LEAF UNITS: 2-0, 2-2, 2-4, 2-6, 2-8, 3-0**

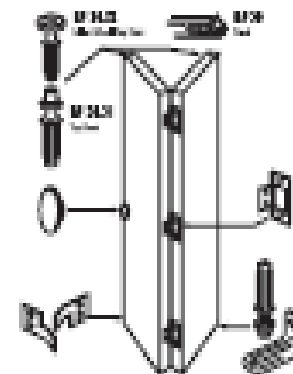
**4 LEAF UNITS: 3-0, 4-0, 4-8, 5-0, 5-4, 6-0**

**FINISHED OPENING ARE 1" TALLER THAN UNIT SIZE**

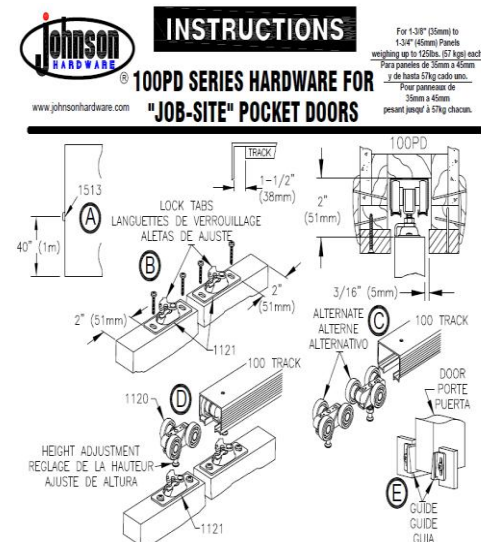
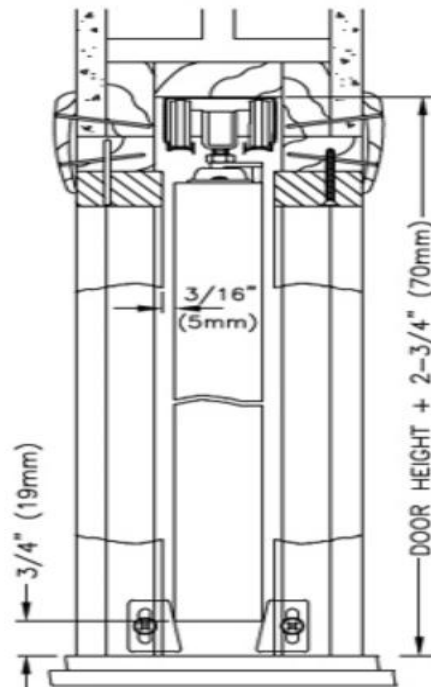
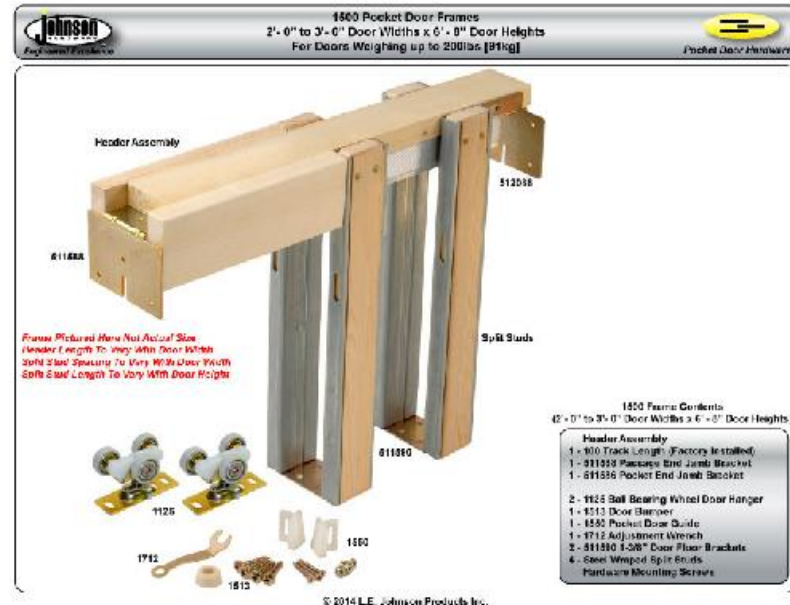


Bi-Fold Door Detail Under Header Installation

Stanley BF 30 (2400 Series)  
Hardware with 2007 Track, 2404  
Roller/Wheel Top Pivot and  
2402 Top Pivot



- 1500 series includes wall frame.
- 100pd is top track only and requires on site construction of walls.



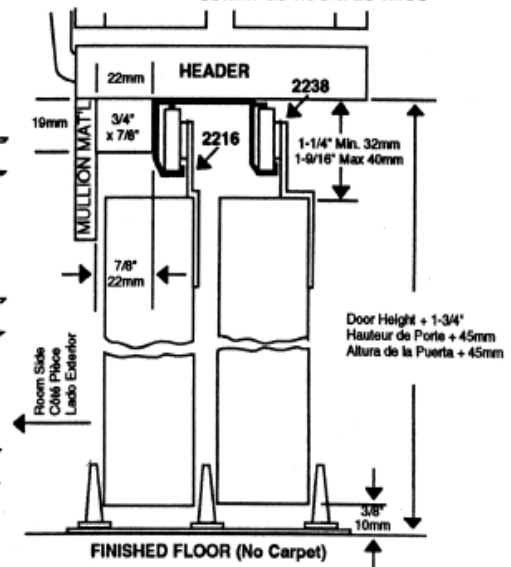
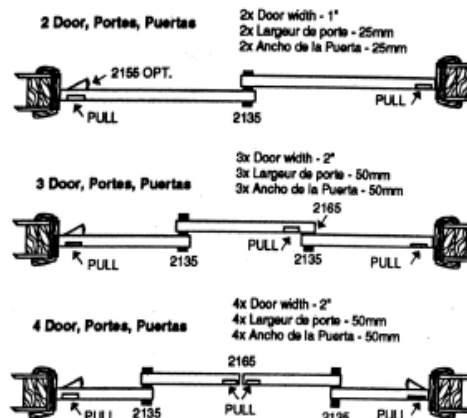
- BY-PASS DOORS OVERLAP 1"
  - » **FINISHED OPENING IS 1" SMALLER THAN NOMINAL SIZE**
  - » **EXAMPLE: 4'-0" NOMINAL SIZE = 3'-11" FINISHED OPENING**

**TRACK MUST BE FIELD CUT**



**INSTRUCTIONS**  
Series 2200-1166  
**SLIDING DOOR HARDWARE**

For 3/4" or 1 3/8" Doors up to 50 Lbs.  
Pour portes de 19mm ou 35mm jusqu'à 23 kg  
Para Puertas de 19mm o 35mm de hasta 23 kilos



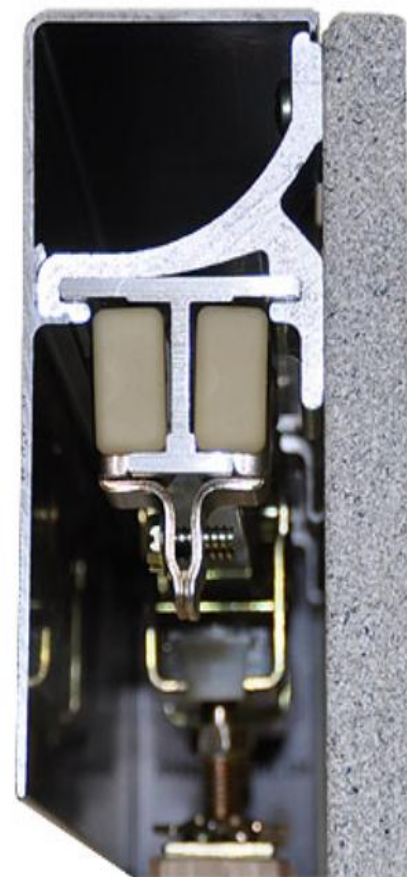




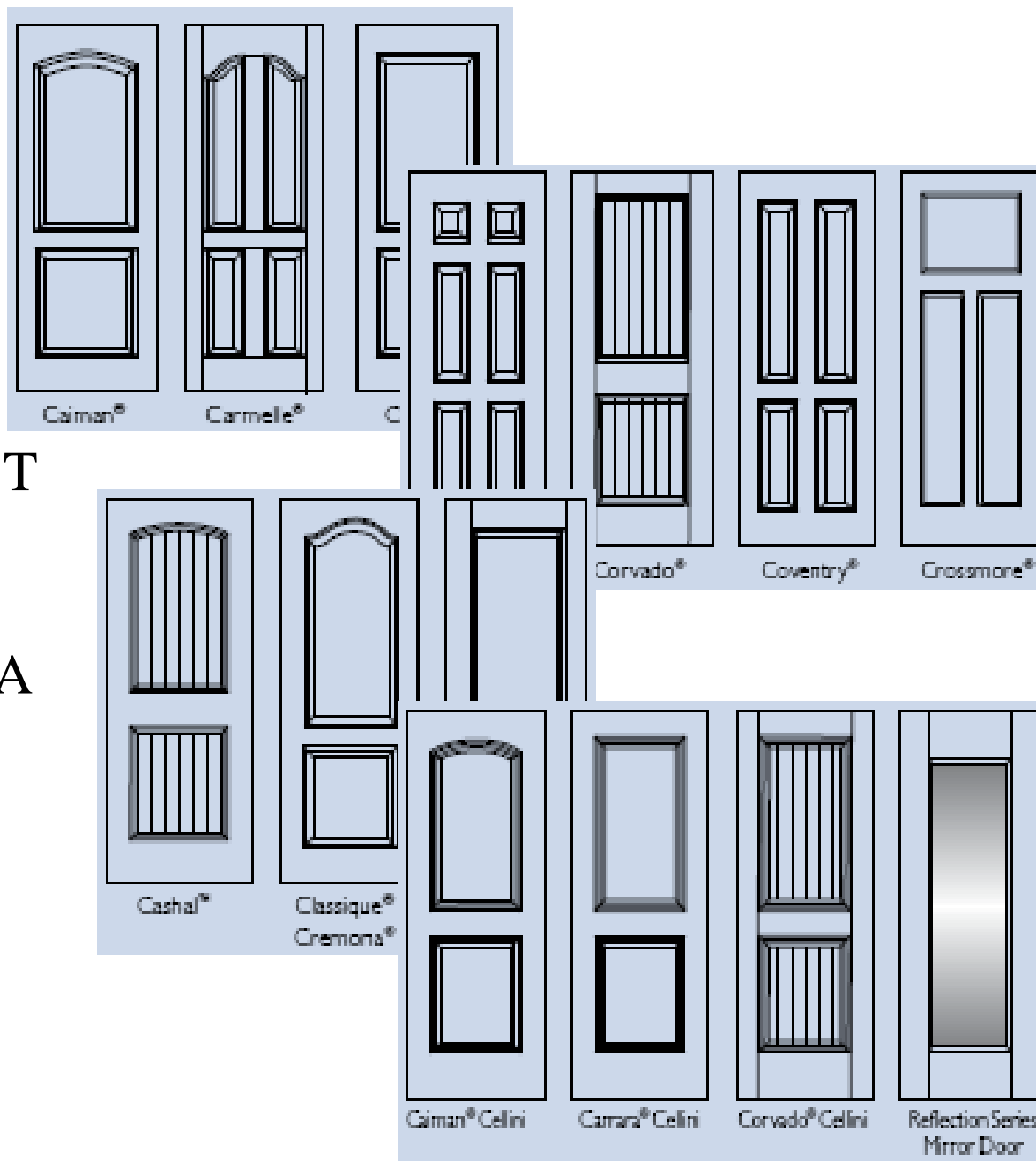
Heavy-duty extruded aluminum track mounting brackets are manufactured to exact tolerances for a precise bracket/track fit. Brackets are designed to be positioned along the track during installation to match up with corresponding wall studs for a solid anchor.

← **FLUSH  
MOUNT  
BARN DOOR  
HARDWARE**

**SHOWN  
WITH  
OPTIONAL  
FASCIA ----->**



Easy to install architectural grade aluminum anodized fascia covers track and hardware with a clean modern appearance.

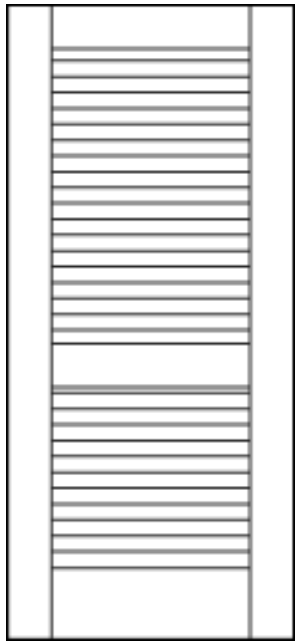


ALL MOLDED  
DESIGNS ARE  
THE SAME COST

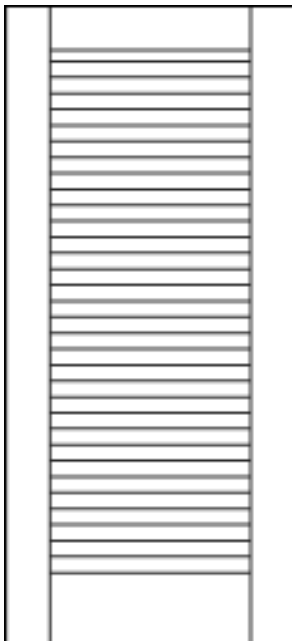
MOST ARE  
AVAILABLE IN A  
TEXTURED  
OR SMOOTH  
FINISH



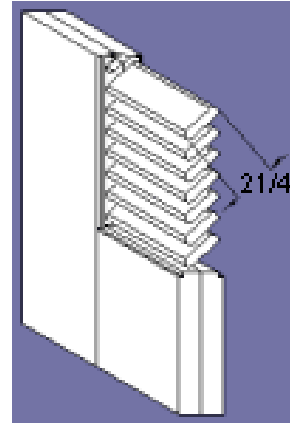
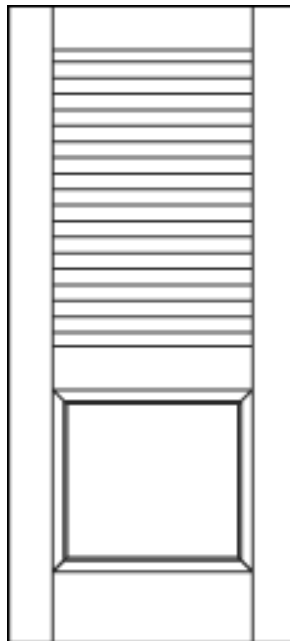
Louver  
over  
Louver



Full  
Louver  
no mid  
rail

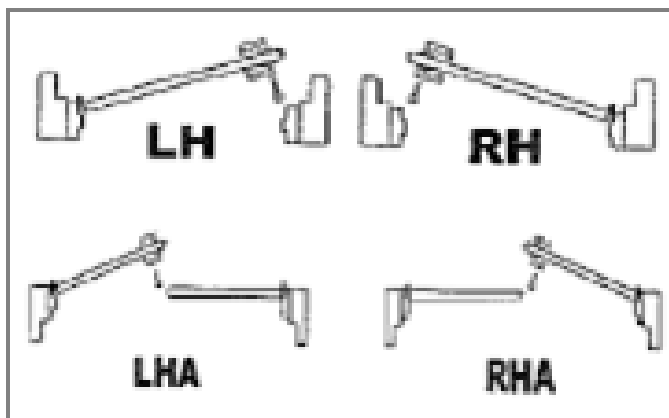


Louver  
Over Panel



- Louvered doors are in swing & out swing dependant doors.
- » Slats should be angled down toward the public side for privacy.

## PANELED DOORS

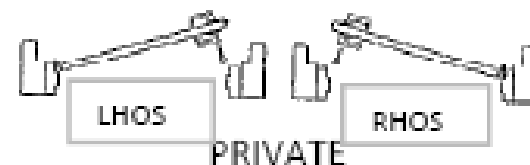


- **LH/RH**: LEFT HAND/RIGHT HAND
- **LHA/RHA**: LEFT/RIGHT HAND ACTIVE
- **LHOS/RHOS**: LEFT/RIGHT HAND OUT-SWING
- **LHIS/RHIS**: LEFT/RIGHT HAND IN-SWING

## LOUVERED DOORS

OUTSWING

PUBLIC



Louvers face down on hinge side  
(PUBLIC)

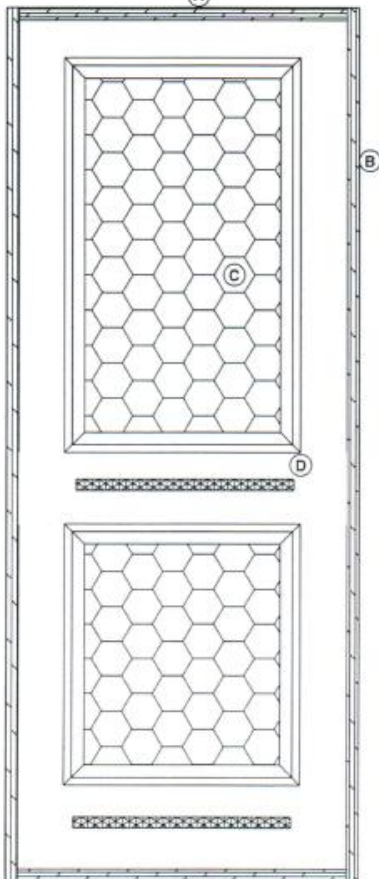
INSWING

PUBLIC



Louvers face down on stop side  
(PUBLIC)

## HOLLOW CORE



### ■ HOLLOW CORE

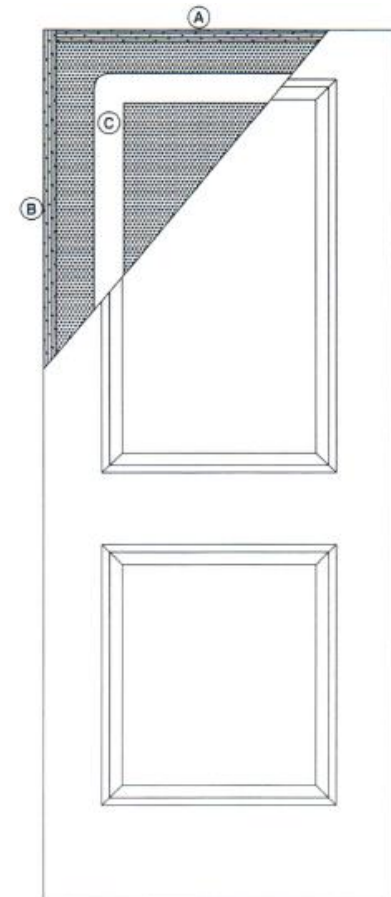
- » (A) : Rails: 1" x 1⅛"
- » (B) : Stiles: 1" x 1⅛"
- » (C) : Core: Expanded honeycomb corrugation with 1" build-up pads.
- » (D) : 2 Lock blocks: 6⅞" wood or particle board.

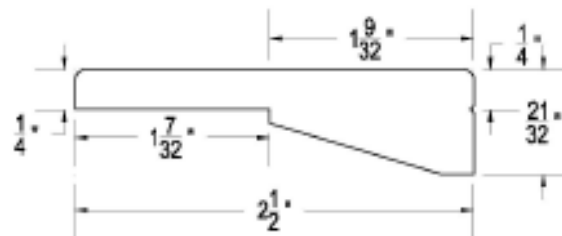
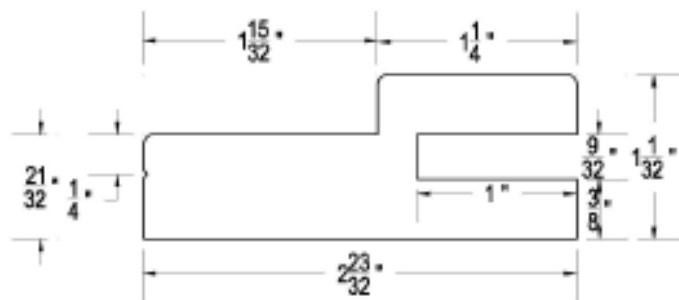
### ■ SOLID CORE

- » (A) : Rails: 2¼" F.J. wood
- » (B) : Stiles: 1⅛" F.J. wood
- » (C) : Core: Profiled particle board.

Stiles and Rails are MDF., Finger joint stiles & rails are available

## SOLID CORE

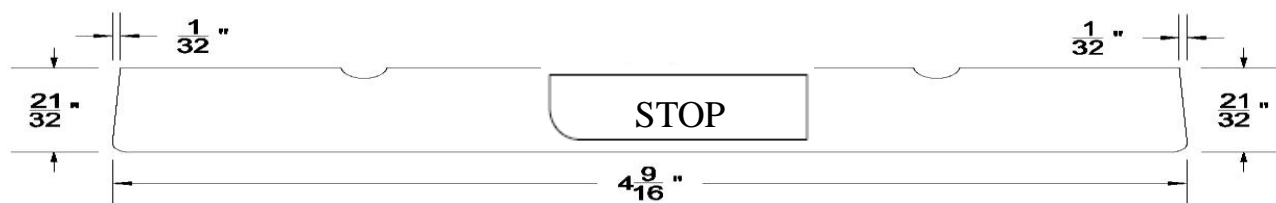


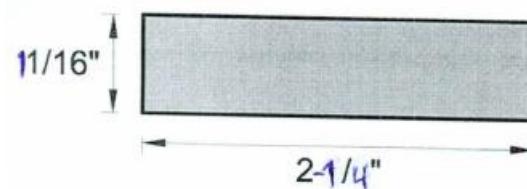
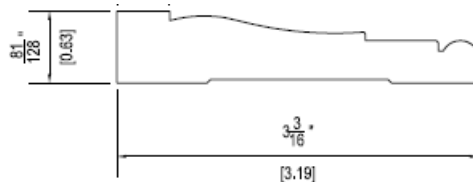
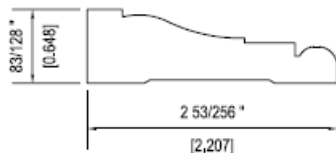
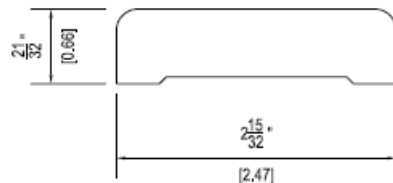
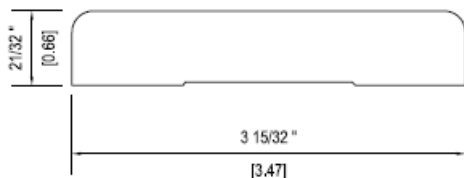


SPLIT  
JAMB

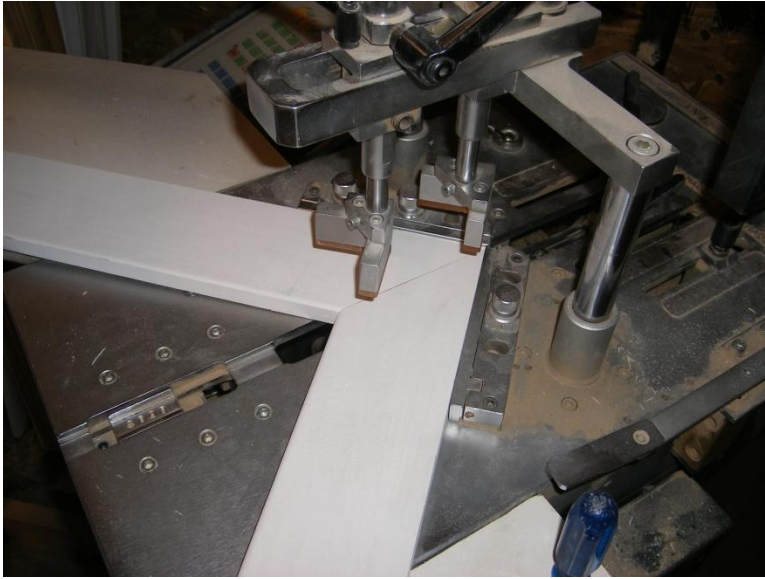
- Split jambs are constructed for  $1\frac{3}{8}$ " door slabs only.
- Casing is attached to the jamb with a  $\frac{1}{4}$ " reveal.
- Flat Jambs can be used for either  $1\frac{3}{8}$ " or  $1\frac{3}{4}$ " door slabs. The stop is factory applied to the jamb.
- Casing is pre-mitered and shipped loose with the door unit.

FLAT  
JAMB





- **Standard thickness for casing:  $\frac{11}{16}''$** 
  - » **NOTE: Standard base is  $\frac{9}{16}''$ .**
- **Cased openings are flat jambs and casing pre-mitered and bundled knocked down for delivery for bifold, bypass or walk thru openings.**



The casing is back stapled, rather than side stapled. This creates a tighter, stronger joint.



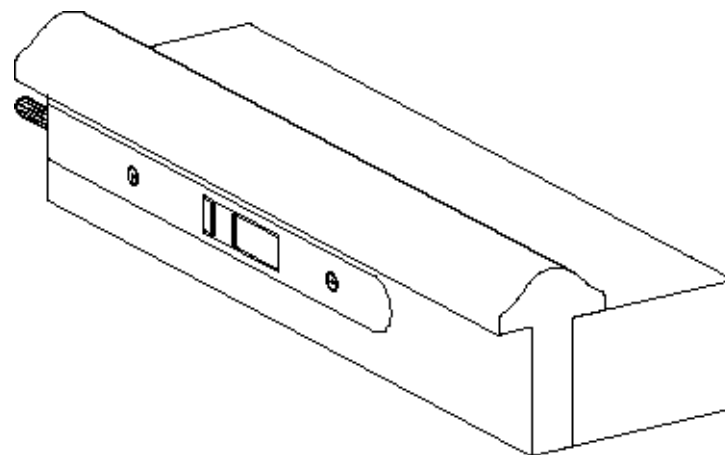
## ■ HINGES

- ANSI BHMA 3-1/2" x 3-1/2"  $\frac{5}{8}$ " Radius Corners
- 4" x 4" Radius corners standard for 1-3/4" door
- 3 hinges standard
- 4<sup>th</sup> hinge needed above 7'-0" doors
- US26D Brushed Chrome is standard, other finishes available.



## RECESSED FLUSH BOLTS OPTIONAL.

Recessed in t-ast  
Hardware is shipped  
loose, installed after  
adjusting & panting

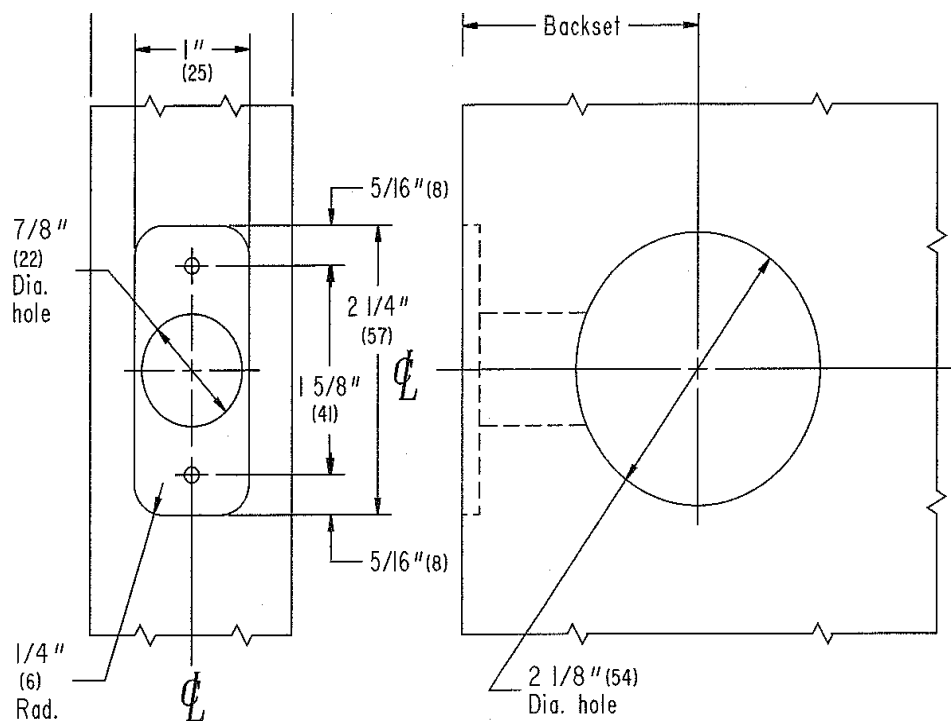


### ■ LOCKSET BORE

- 2-1/8" face bore

### ■ 2-3/8" backset

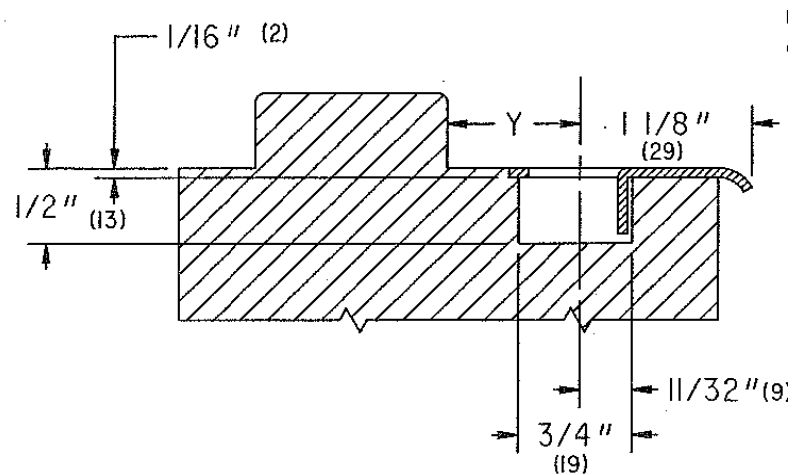
- 1/4" radius on latch



**BALL CATCHES:**  
**7/8" Adjustable Drive**  
**in,**  
**Recessed latch plate,**  
**both installed**

## ■ STRIKE PLATE

- 2-1/4" full lip strike with 1/4" radius
- T-strike available



- Labeling capabilities
  - » Job name
  - » Purchase order number
  - » Door type
  - » Door description
  - » Door location
  - » Ticket number

CALVERT APARTMENTS  
PO 4914-PH6 W/O 102509  
TYPE P30 ADA  
3/0X6/8 1 3/8 H/C CARRARA  
PREPPED FOR 4 EDGE PULL

WELLINGTON GLEN PHASE 2  
BLDG 8 BALCONY W/O 102685  
TYPE BALCONY 05&06  
2868 2 PNL STL 4.5-5.5 WD EDGE  
3 NRP 26D 1 BORE ADA RH

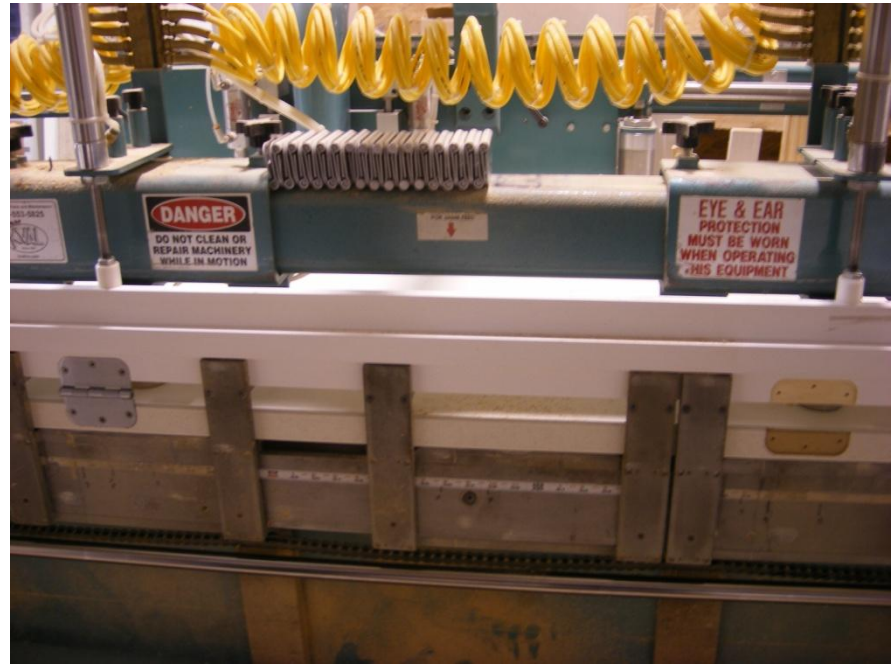


**IN ADDITION TO CUSTOM DOOR  
DESIGN & CONSTRUCTION, OUR DOOR  
SHOP HAS A LARGE CAPCITY FOR  
STORAGE AT AN ADDITIONAL  
CHARGE.**

**20,000 SQUARE FOOT DOOR SHOP  
PRODUCING 600 DOORS PER DAY  
ONLY ONE INCH FROM D.C.**

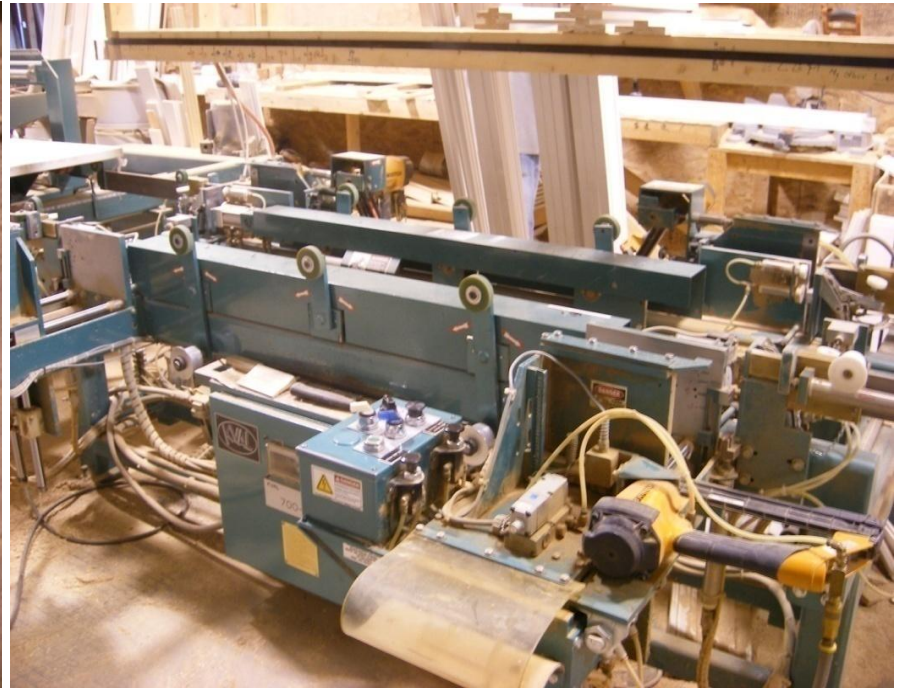






AT THE FRONT OF THE  
ASSEMBLY LINE THE  
JAMBS AND DOOR SLAB  
GET ROUTED THAN JOINED  
WITH HINGES





AFTER GETTING ROUTED FOR  
A FULL LIP STRIKE, THE JAMB  
IS READY TO BE SQUARED  
AND SECURED TO THE DOOR



130 DOORS  
IN STATE  
PER  
DELIVERY  
ON OUR  
TRUCKS,  
300 DOORS  
FOR OUT  
OF STATE  
DELIVERY  
ON  
COMMON  
CARRIER

# Masonite®

## Exterior Line Review

From premium mahogany to high-performance fiberglass to durable steel, Masonite® has a door for nearly every application.

### ■ **Masonite® Entry Door Line**

- 24 Gauge High Definition Steel Doors Frame
- 20 Minute & 90 Minute Warnock-Hersey Fire Ratings
- Belleville® Smooth and Textured Fiberglass
- Insulated Poly-core
- Available with Insulated & Low-E Glazing
- Custom Built Transoms & Sidelights to fit any opening



### **Frame Options**

- Steel **Fast Frame®** - 2 Pc. Adjustable Steel
- Primed FJ Wood (20 min rated available)
- Framesaver Composite (Lifetime Rot Warranty)



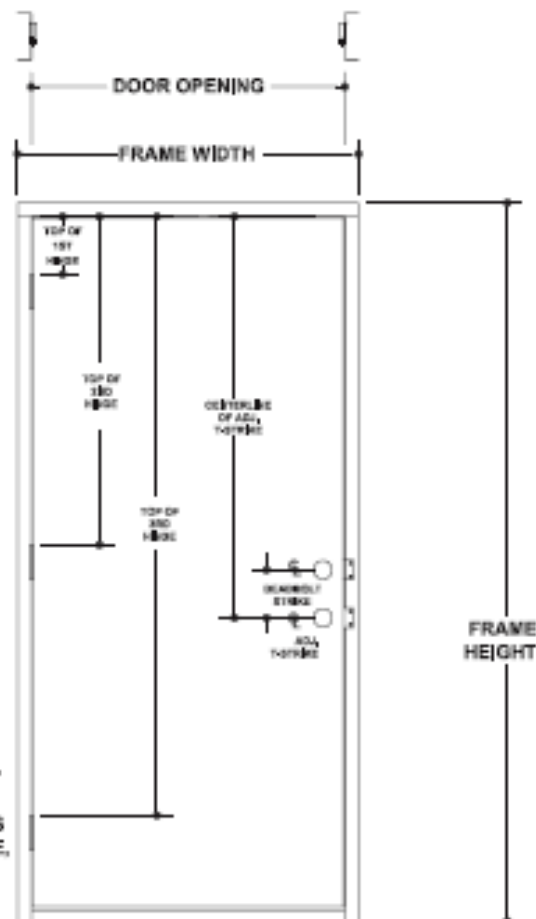


# ALCO Doors

A Division of American Lumber Corporation

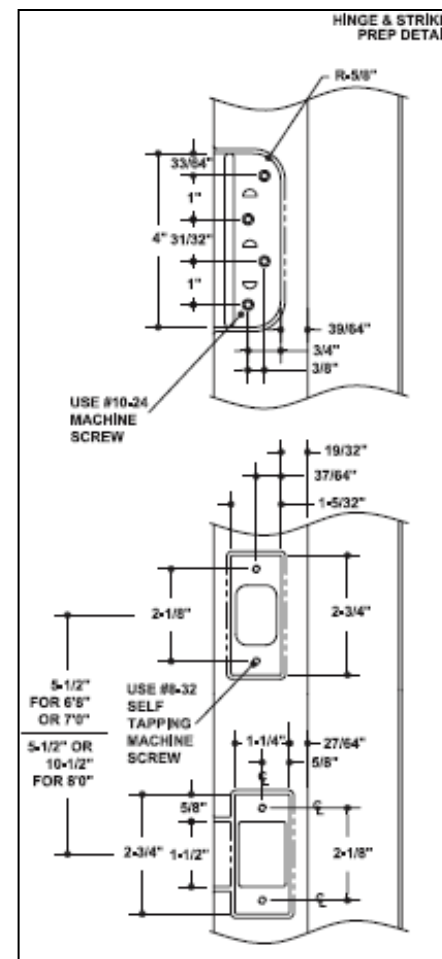
## Exterior Door & Frame Applications

### Fast Frame Details

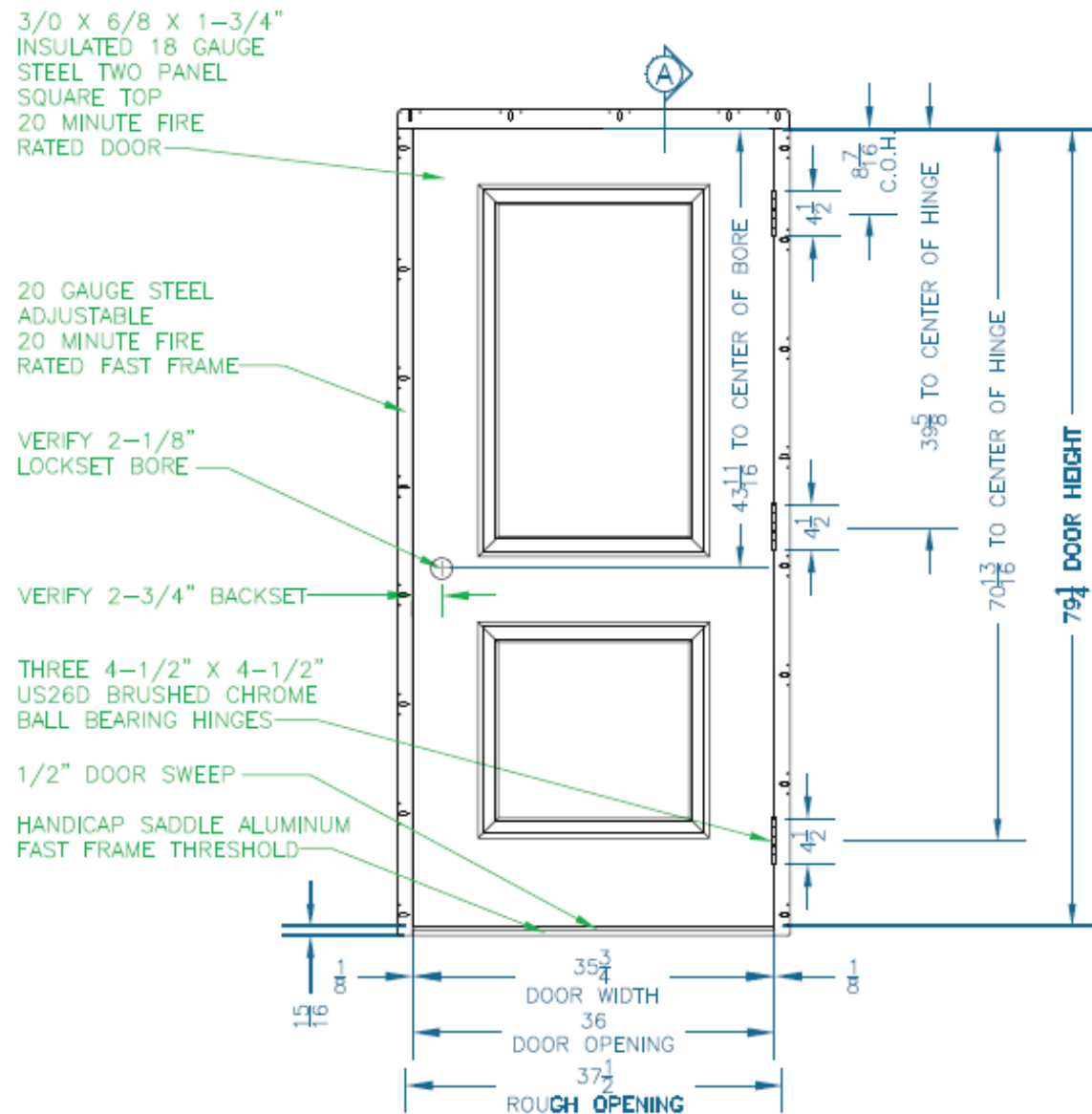


NOTE: 8'0" UNIT FEATURES 4TH HINGE, SEE TABLE FOR LOCATION

JAMB DEPTH	INNER SECTION	OUTER SECTION	RABBET DEPTH	NAILING FLANGE	STOP HEIGHT
4-1/2" - 5-1/2"	4-1/4"	1-7/8"	2-5/32"	1-9/16"	5/8"
5-1/2" - 6-1/2"	4-1/4"	2-7/8"	2-5/32"	1-9/16"	5/8"
6-1/2" - 7-1/2"	4-1/4"	3-7/8"	2-5/32"	1-9/16"	5/8"
7-1/2" - 8-1/2"	4-1/4"	4-7/8"	2-5/32"	1-9/16"	5/8"
8-1/2" - 9-1/2"	4-1/4"	5-7/8"	2-5/32"	1-9/16"	5/8"
9-1/2" - 10-1/2"	4-1/4"	6-7/8"	2-5/32"	1-9/16"	5/8"
10-1/2" - 11-1/2"	4-1/4"	7-7/8"	2-5/32"	1-9/16"	5/8"



## Fast Frame Example

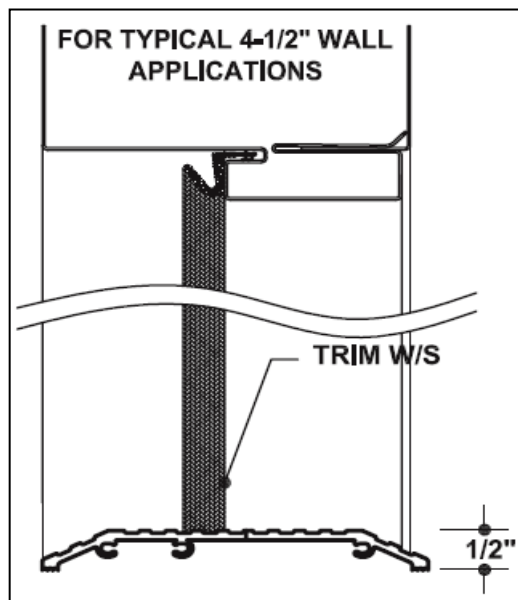


# ALCO Doors

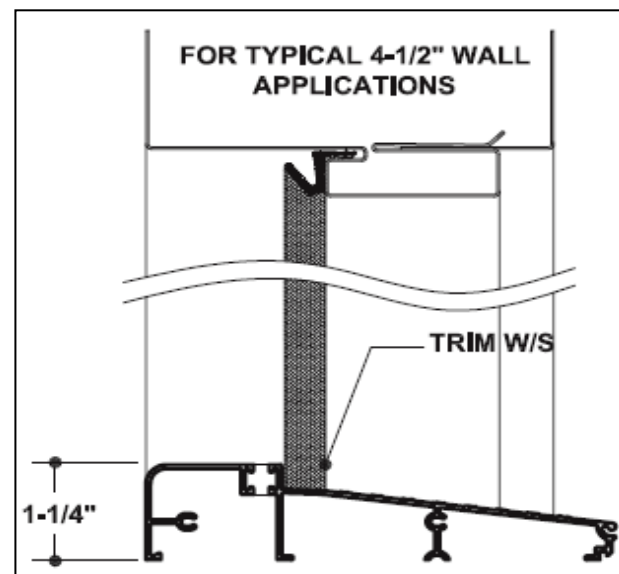
A Division of American Lumber Corporation

## Exterior Door & Frame Applications

### ADA Threshold



### Standard Outswing Threshold





# ALCO Doors

A Division of American Lumber Corporation

Sample Quote Form



DOOR							FRAME				HARDWARE		PRICING	
M A R K	Q T Y	SIZE W H	ACTION	CORE	ELEVATION STYLE & RAILS SQUARE EDGE 3/16 UC SMOOTH FIBER SKIN		SPLIT JAMB WIDTH 7/8" UNDERCUT	CASING 2 SIDES	F R I J N O G I E N T	LATCH/STRIKE	ANSI/BHMA A156.18 3.5" 5/8" RADIUS HINGE SUPPLIED	HARDWARE PREP NOTES	EACH	TOTAL
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8		P R I M E D	RADIUS	U S 2 6 D	161		\$ -
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8			RADIUS		161	\$ -	
	0	6-8	SINGLE	HOLLOW		1-3/8	4-5/8		RADIUS	161	\$ -			
						NOTES						SUBTOTAL	\$ -	
						FREIGHT FREE DELIVERIES							\$ -	
	0	OPENINGS	see price guarantee										TOTAL	\$ -

# ALCO Doors

A Division of American Lumber Corporation

## Sample Submittal



## Submittal

Phone: 410-566-7800

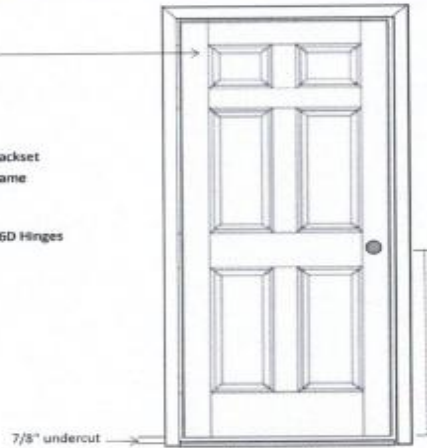
Fax: 410-566-3822

Project: **Riverside II**

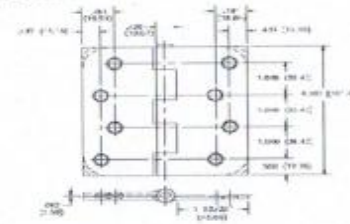
**Solid Core in Fast Frame**

Door Dimensions: 3'0" x 6'6" x 1-3/4"  
 Door Design: 6 Panel Metal Clad  
 Door Core: Poly Core  
 Fire Label: None  
 Prehung (Yes/No): Yes  
 LEEDS Credits: No  
 Hardware Prep: Single 2-1/8" Bore at 2-3/8" Backset  
 Jamb Type: Steel 20ga Adjust-A-Fit Fast Frame  
 Jamb Size: 4-3/4"  
 Finish- Raw/Primed: Raw  
 Hinges: 4" x 4" Radius Corner 5/8" U26D Hinges  
 Seals: ADA Sill, Weatherstripping  
 Door Casing: None  
 Casing Type: N/A

Casing Profile: N/A



Hinge Detail:



36" to CL of Lock bore from bottom of door slab

Sill Detail:



Jamb Detail:

Adjustment Range	Closure Adjustment Chart	Dimension A"
4 1/2" to 5 1/2"		1 7/8"
5 1/2" to 6 1/2"		2 1/8"
6 1/2" to 7 1/2"		2 5/8"
7 1/2" to 8 1/2"		3 1/8"
8 1/2" to 9 1/2"		3 5/8"
9 1/2" to 10 1/2"		4 1/8"

Curved edge with



**Available Strike Preps**  
 2 1/4" Full-Lip Strike, 2 3/4" S Strike  
 2 3/4" Deadbolt, 4 1/2" ASA

Sign Off When Approved:

Tag #  
2

# ALCO Doors

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## Sample Submittal



## Submittal

Phone: 410-566-7800  
Fax: 410-566-3822

Project: **Riverside II**

### Single 6 Panel

Door Dimensions: Various Widths (See Below), 6'8" tall, 1-3/8" thick  
Door Design: Molded 6 Panel Smooth Skin  
Door Core: Hollow Core  
Prehung (Yes/No): Yes  
LEEDS Credits: No

Hardware Prep: Single 2-1/8" Bore at 2-3/8" Backset  
Jamb Type: Split Jamb Fingerjoint Wood  
Jamb Size: 4-3/4"  
Finish- Raw/Primed: Primed  
Hinges: 3-1/2" x 3-1/2" Radius Corner 5/8" U26D Hinges

Door Casing: WM376 (11/16" x 2-1/4")  
Casing Type: Raw Fingerjoint Wood

Casing Profile:



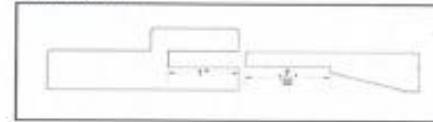
7/8" Undercut



\*Illustration not to scale.

Rough Opening Guidelines: Add 2" to Nominal Width  
Add 2-1/2" to Nominal Height  
Example: 3-0 x 6-8 Nominal = 3' 2" x 6' 10-1/2" R.O.

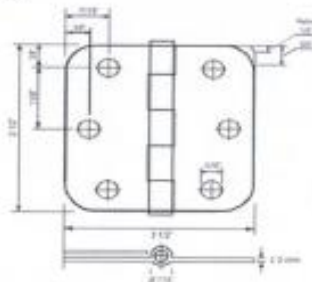
Split Jamb Detail:



36" to CL of Lock Bore from bottom of door slab

Sign Off When Approved:

Hinge Detail:



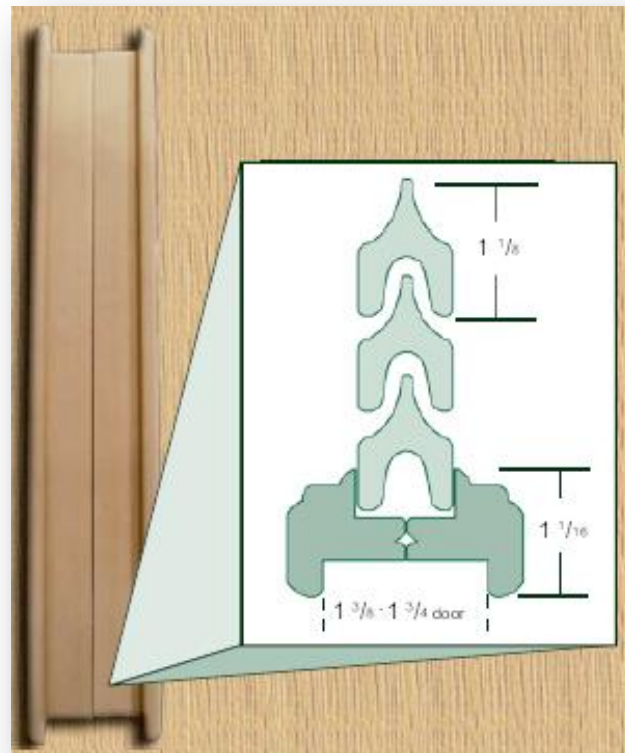
Door Widths:

Tag #	Widths
21	1-6
22	2-0
23	2-4
24	2-6
25	2-8
26	3-0

## ALCO Doors A Division of American Lumber Corporation

### •Chevron Louvers

- Custom made to order for 1-3/8" or 1-3/4" thick doors.
- Available primed or raw.
- 33% air flow
- Can be pre-installed in doors supplied by ALCO.



green association & certification cross reference	safe <sub>7</sub> sound SOLID CORE MOLDED PANEL DOORS	safe <sub>7</sub> sound EMERALD <sup>TM</sup> SALES - CORE MOLDED PANEL DOORS	Hollow Core
	1-3/8" SNS Molded	1-3/8" SNS Emerald 1-3/4" SNS Emerald 1-3/4" SNS Emerald (20min)	1-3/8" Hollow Core Emerald
Low Formaldehyde / VOC Emissions	NAHB - 901.4	NAHB - 901.4	NAHB - 901.4
Pre-Consumer Recycled Content	LEED H - MR 2.2; LEED NC - MR 4.1 & 4.2; NAHB - 604.1	LEED H - MR 2.2; LEED NC - MR 4.1 & 4.2; NAHB - 604.1	LEED NC - MR 4.1 & 4.2; NAHB - 604.1
Rapidly Renewable Materials	LEED NC - MR 6.0; NAHB - 606.1	LEED NC - MR 6.0; NAHB - 606.1	—
Resource Efficient Materials	NAHB - 607.1	NAHB - 607.1	NAHB - 607.1
Environmentally Preferred Products – Low Emissions Adhesives and Sealants	LEED H - MR 2.2	LEED H - MR 2.2	LEED H - MR 2.2
No added Urea-Formaldehyde	—	LEED NC - EQ 4.4; NAHB - 901.4	LEED NC - EQ 4.4; NAHB - 901.4
Certified Wood	—	LEED H - MR 2.1; LEED NC - MR 7.0; NAHB - 606.2	—

1955 Powis Road, W. Chicago, IL 60185, USA

Additional certified locations are listed in an addendum to this certificate.

#### Scope of Certificate:

**This certificate covers the production and distribution of doors using the transfer, percentage and credit systems. It also covers a risk assessment for the control of wood sourced from parts of the United States and Canada, and the sourcing of reclaimed material.**

The facility(s) are hereby Chain of Custody certified to sell products as:

**FSC 100%, FSC Mix, FSC Controlled Wood**

The assessment has been conducted by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council A.C. (FSC).

FSC Standard: FSC-STD-40-004 V2-0, FSC-STD-40-003 V1-0, FSC-STD-40-005 V2-1, FSC-STD-40-007 V2-0

**Certificate Code: SCS-COC-000139 Trademark License Code: FSC-C014860**

**CW Code: SCS-CW-000139**

**Valid from 4 November, 2009 to 3 November, 2014**

This certificate will not constitute evidence that a particular product supplied by the certificate holder is FSC certified for FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoice and shipping documents. A list of products that are included in the scope of this certificate may be found at <http://info.scs.org> or will be provided by SCS on request. The certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS.

