



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)

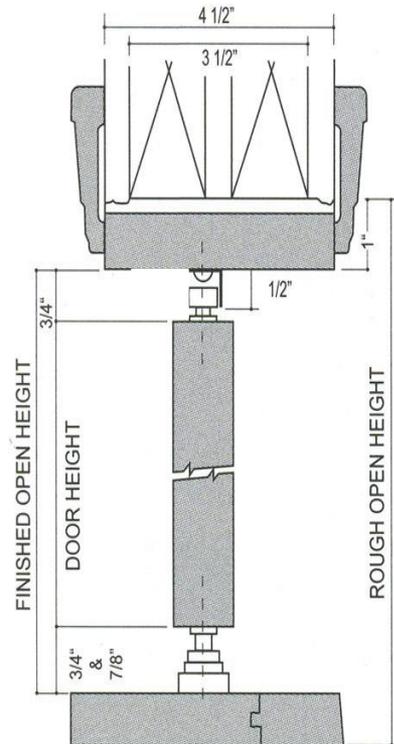


■ STANDARD 1-3/8" HOLLOW CORE

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

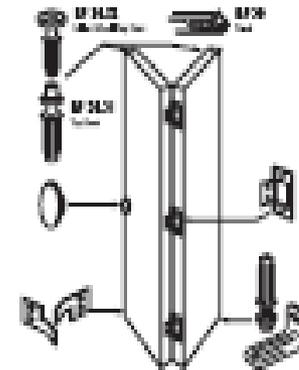
4 LEAF UNITS: 3-0, 4-0, 4-8, 5-0, 5-4, 6-0

FINISHED OPENING ARE 1" TALLER THAN UNIT SIZE

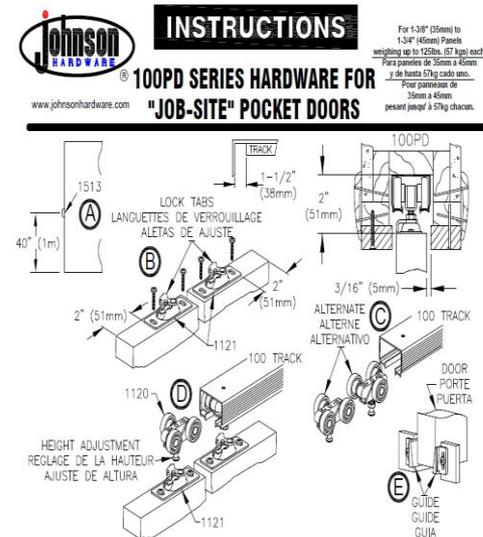
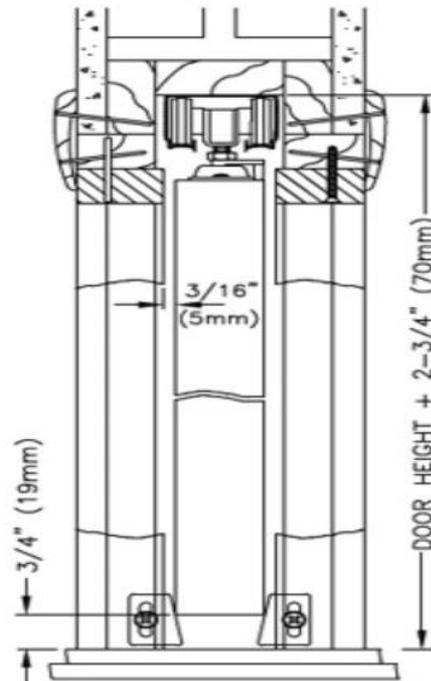
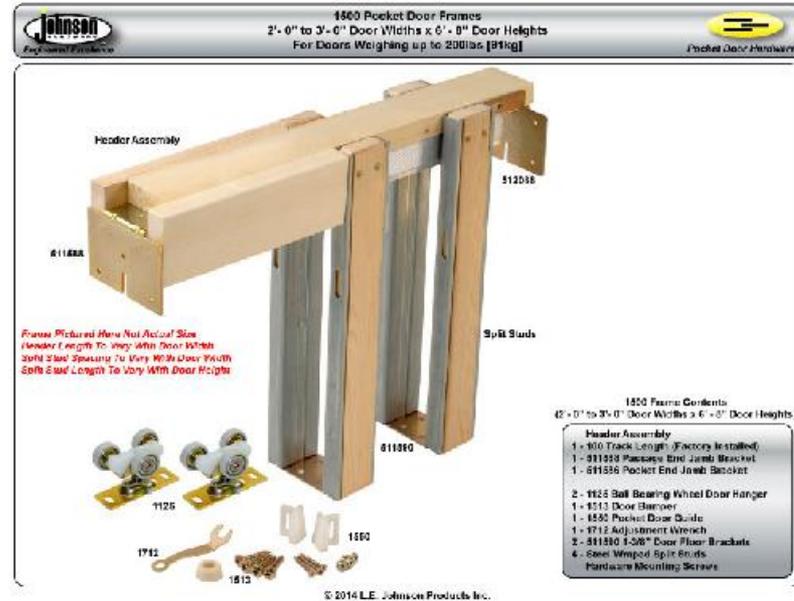


Bi-Fold Door Detail Under Header Installation

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**

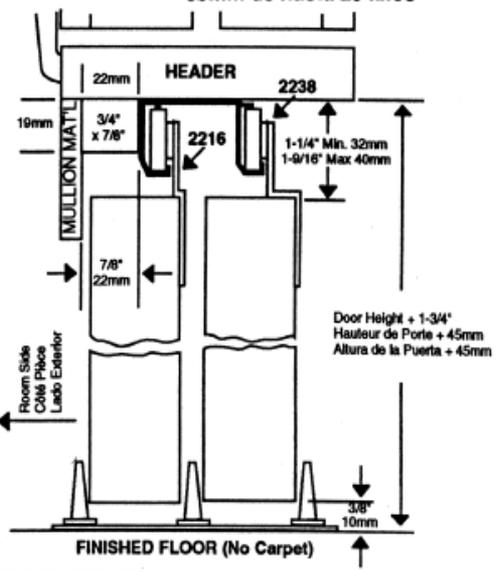
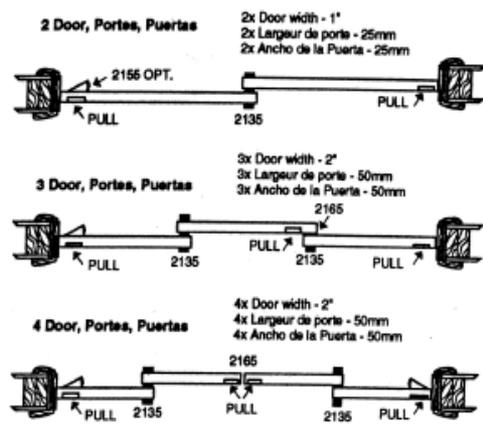


TRACK MUST BE FIELD CUT



INSTRUCTIONS
 Series 2200-1166
SLIDING DOOR HARDWARE

For 3/4" or 1 1/8" 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

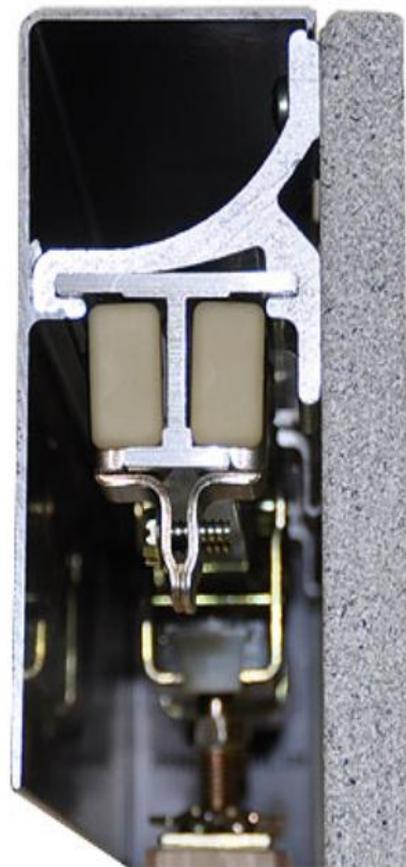




**← FLUSH
MOUNT
BARN DOOR
HARDWARE**

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

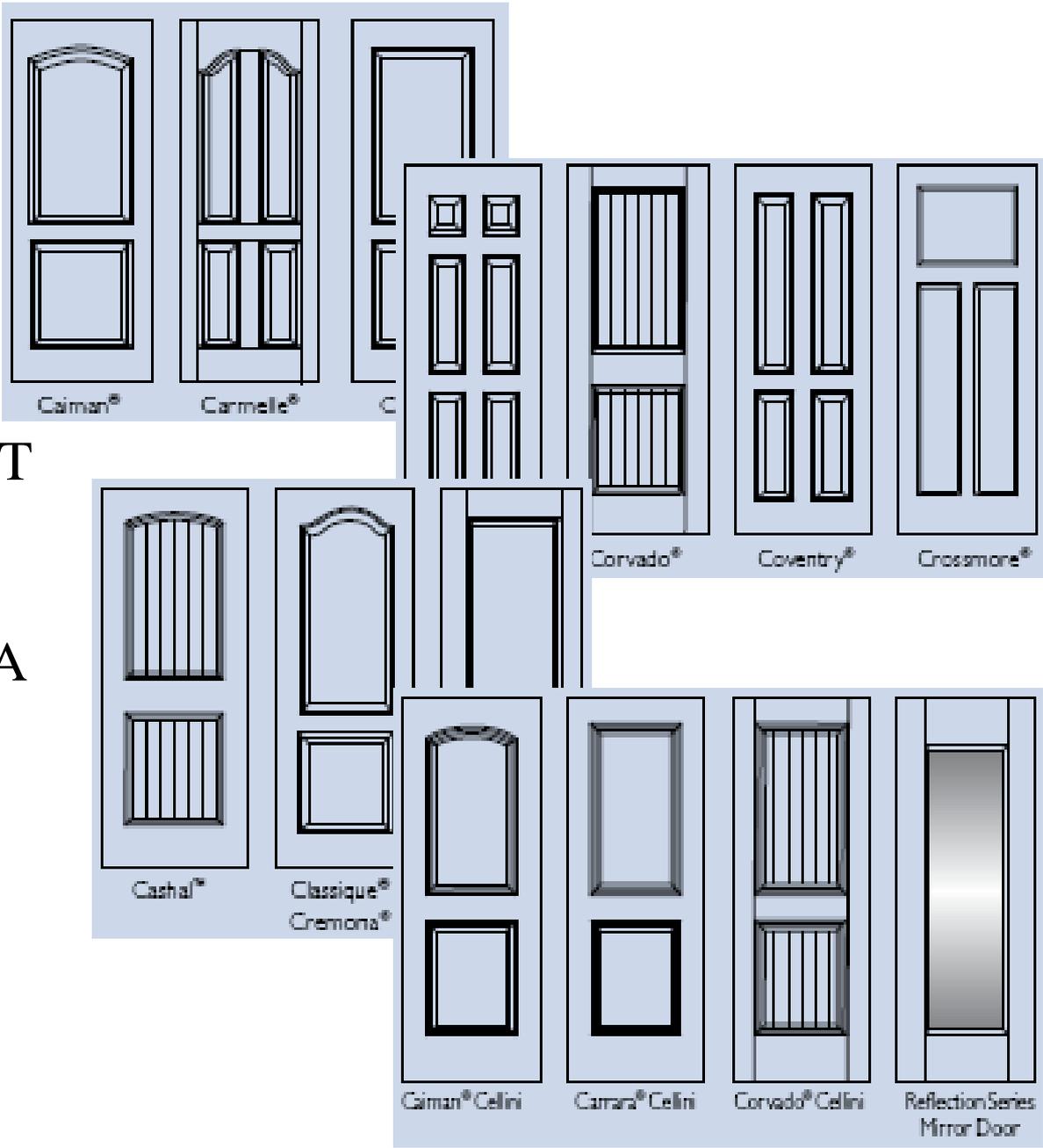
Heavy-duty extruded aluminum track mounting brackets are manufactured to exact tolerances for a precise bracket/track fit. Brackets are designed to be positioned along the track during installation to match up with corresponding wall studs for a solid anchor.



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

ALL MOLDED
DESIGNS ARE
THE SAME COST

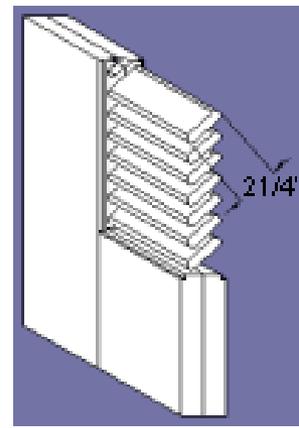
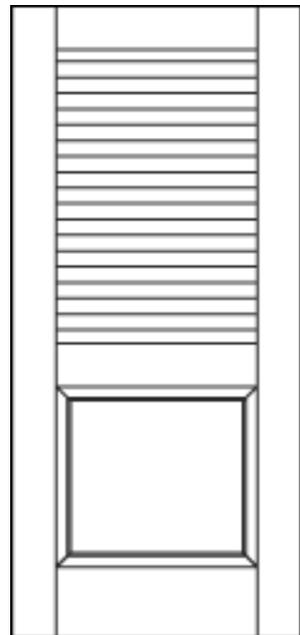
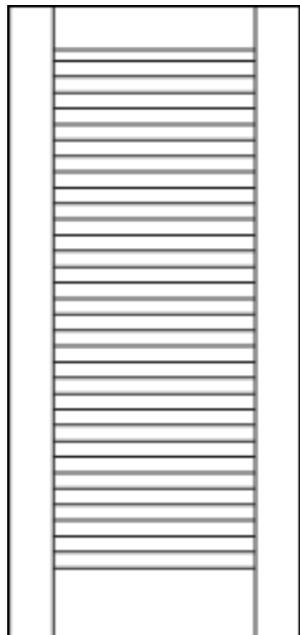
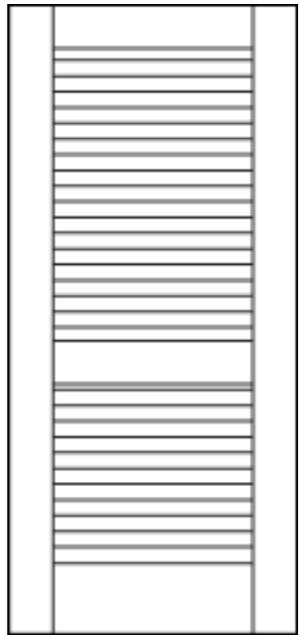
MOST ARE
AVAILABLE IN A
TEXTURED
OR SMOOTH
FINISH



Louver
over
Louver

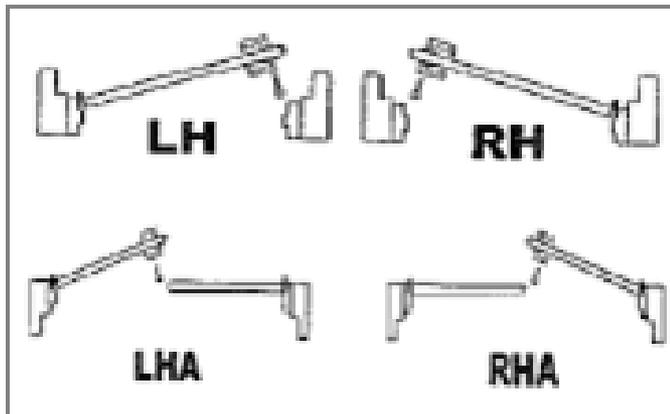
Full
Louver
no mid
rail

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

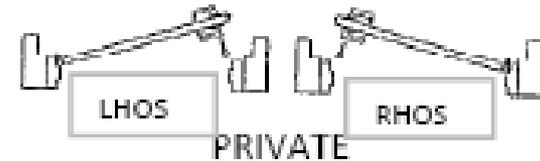


- **LH/RH**: LEFT HAND/RIGHT HAND
- **LHA/RHA**: LEFT/RIGHT HAND ACTIVE
- **LHOS/RHOS**: LEFT/RIGHT HAND OUT-SWING
- **LHIS/RHIS**: LEFT/RIGHT HAND IN-SWING

LOUVERED DOORS

OUTSWING

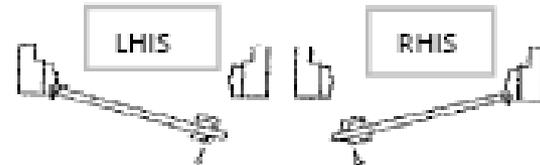
PUBLIC



Louvers face down on hinge side
(PUBLIC)

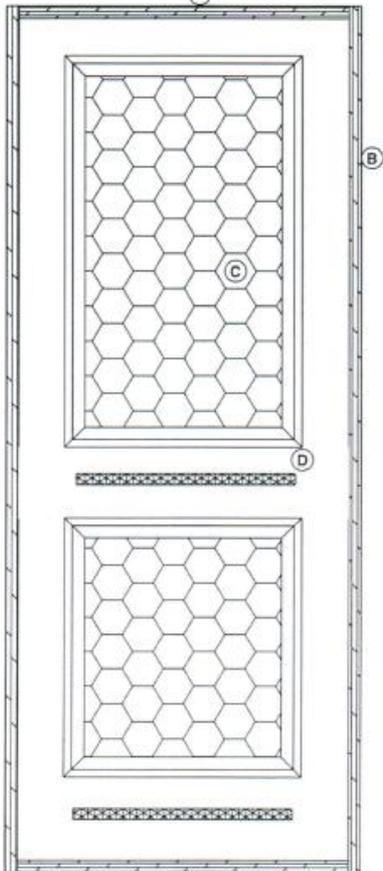
INSWING

PUBLIC



PRIVATE
Louvers face down on stop side
(PUBLIC)

HOLLOW CORE

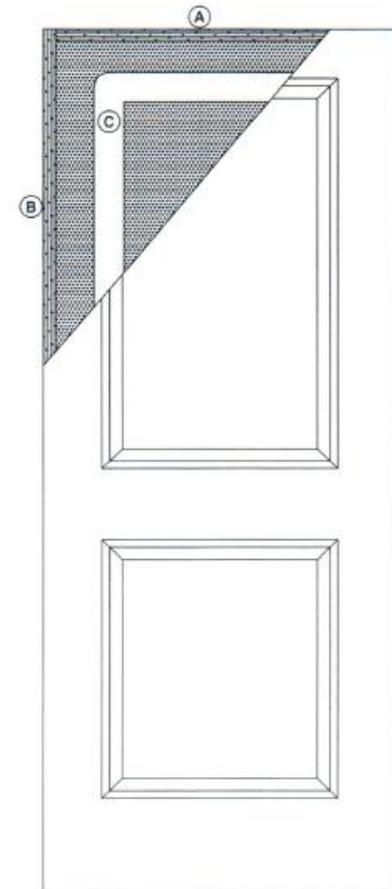


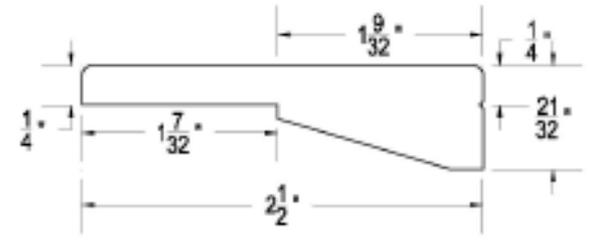
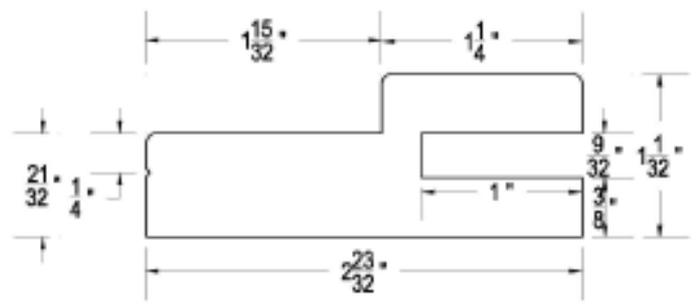
- HOLLOW CORE
 - » (A) : Rails: 1" x 1 $\frac{1}{8}$ "
 - » (B) : Stiles: 1" x 1 $\frac{1}{8}$ "
 - » (C) : Core: Expanded honeycomb corrugation with 1" build-up pads.
 - » (D) : 2 Lock blocks: 6 $\frac{7}{8}$ " wood or particle board.

- SOLID CORE
 - » (A) : Rails: 2 $\frac{1}{4}$ " F.J. wood
 - » (B) : Stiles: 1 $\frac{1}{8}$ " F.J. wood
 - » (C) : Core: Profiled particle board.

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

SOLID CORE

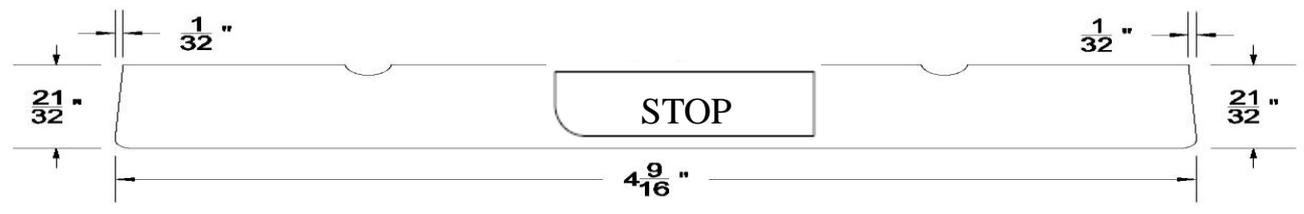


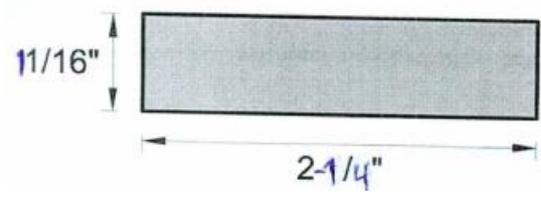
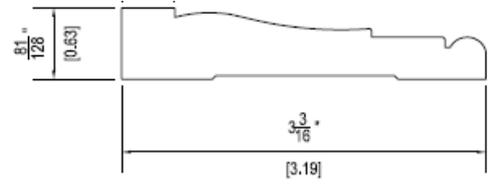
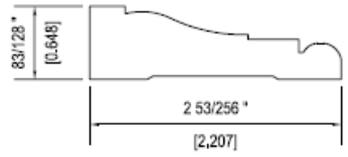
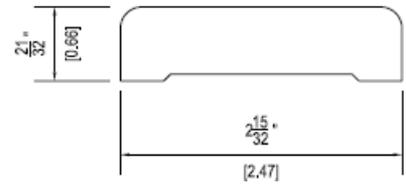
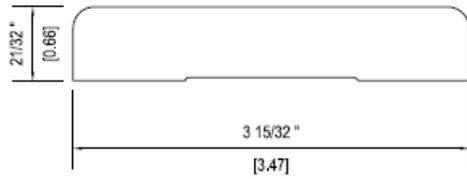


SPLIT
JAMB

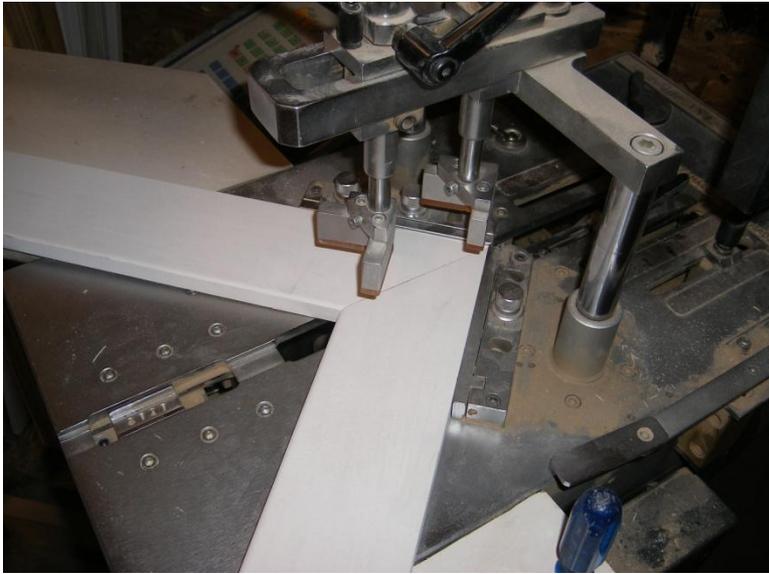
- Split jambs are constructed for 1 3/8" door slabs only.
- Casing is attached to the jamb with a 1/4" reveal.
- Flat Jambs can be used for either 1 3/8" or 1 3/4" door slabs. The stop is factory applied to the jamb.
- Casing is pre-mitered and shipped loose with the door unit.

FLAT
JAMB





- **Standard thickness for casing: 11/16"**
 - » **NOTE: Standard base is 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.

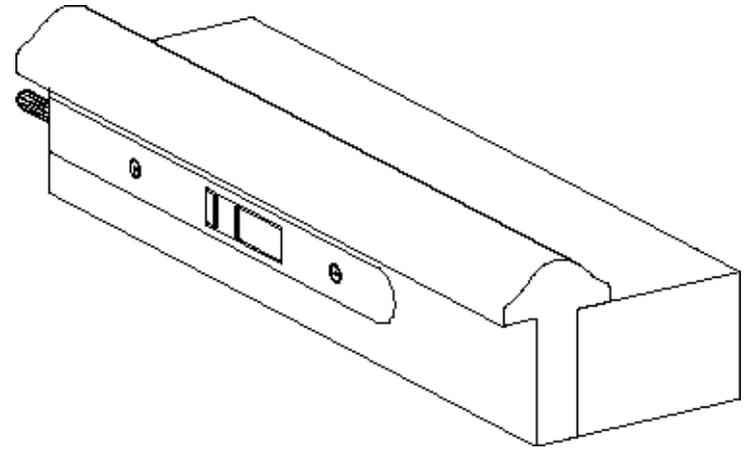
■ HINGES

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

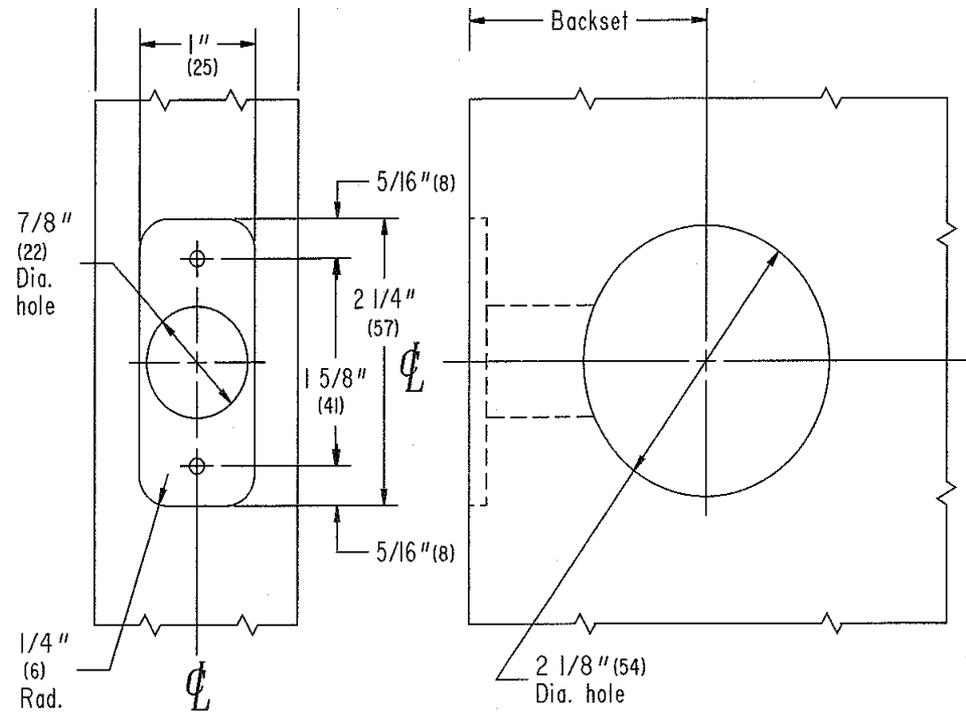


RECESSED FLUSH BOLTS OPTIONAL.

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



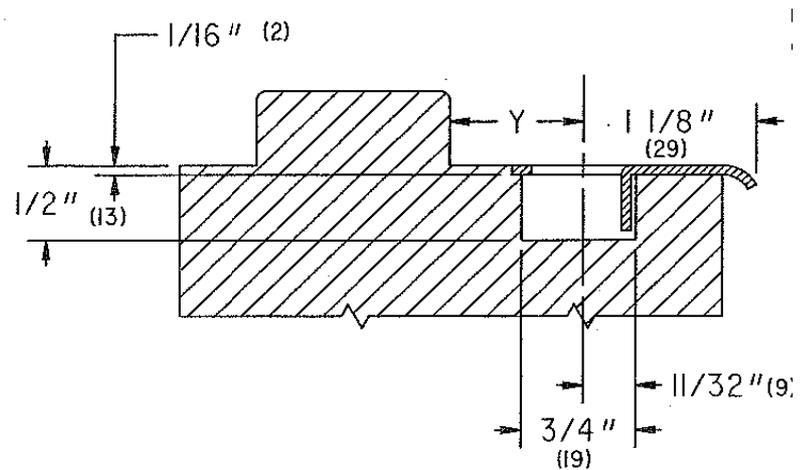
- **LOCKSET BORE**
- 2-1/8" face bore
- **2-3/8" backset**
- 1/4" radius on latch



**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

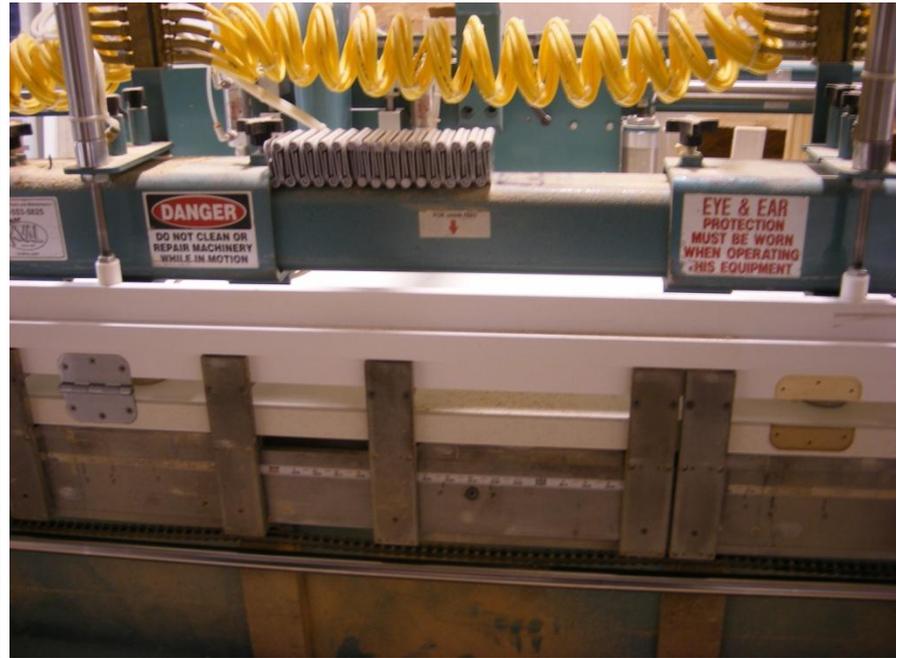
WELLINGTON GLEN PHASE 2
BLDG 8 BALCONY W/O 102685
TYPE BALCONY 05&06
2868 2 PNL STL 4.5-5.5 WD EDGE
3 NRP 26D 1 BORE ADA RH



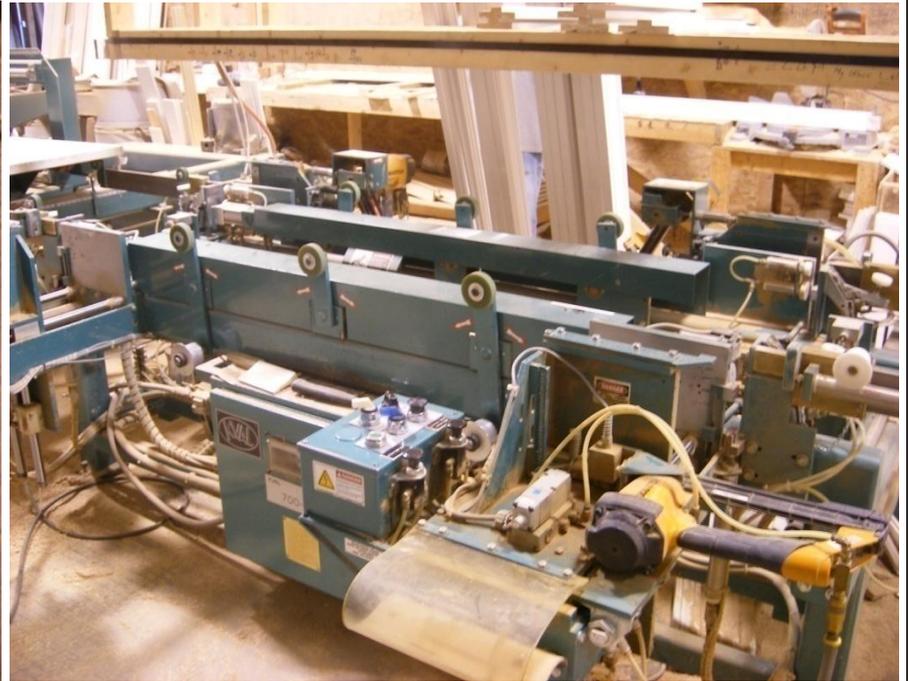
IN ADDITION TO CUSTOM DOOR DESIGN & CONSTRUCTION, OUR DOOR SHOP HAS A LARGE CAPACITY FOR STORAGE AT AN ADDITIONAL CHARGE.

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)**

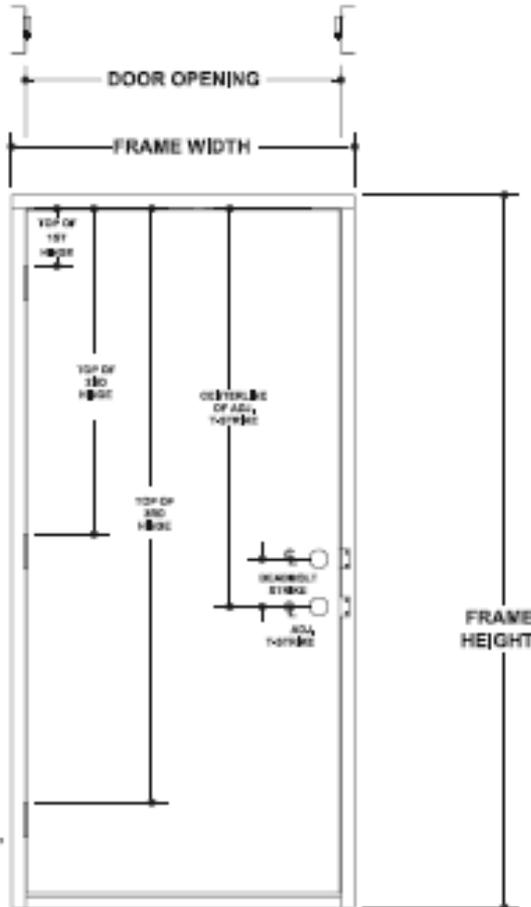


ALCO Doors

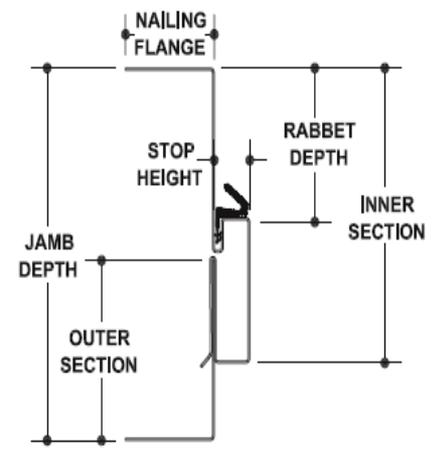
A Division of American Lumber Corporation

Exterior Door & Frame Applications

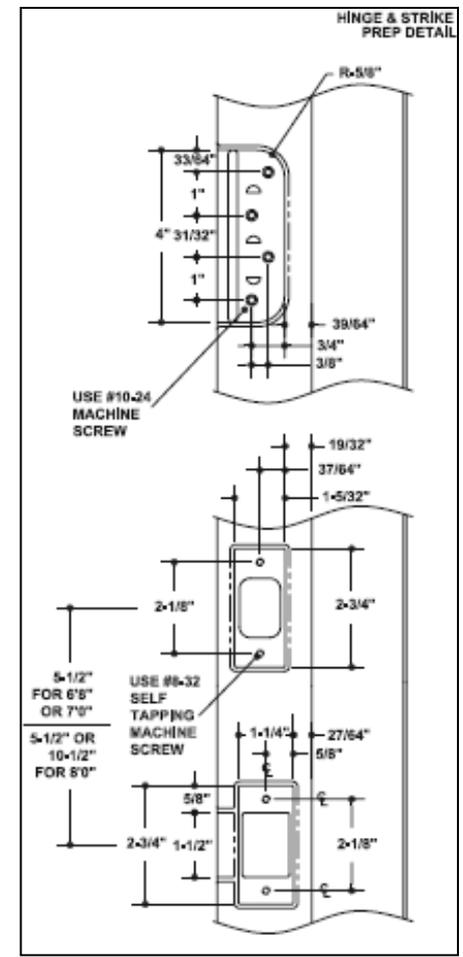
Fast Frame Details



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"



ALCO Doors A Division of American Lumber Corporation

Exterior Door & Frame Applications

Fast Frame Example

3/0 X 6/8 X 1-3/4"
INSULATED 18 GAUGE
STEEL TWO PANEL
SQUARE TOP
20 MINUTE FIRE
RATED DOOR

20 GAUGE STEEL
ADJUSTABLE
20 MINUTE FIRE
RATED FAST FRAME

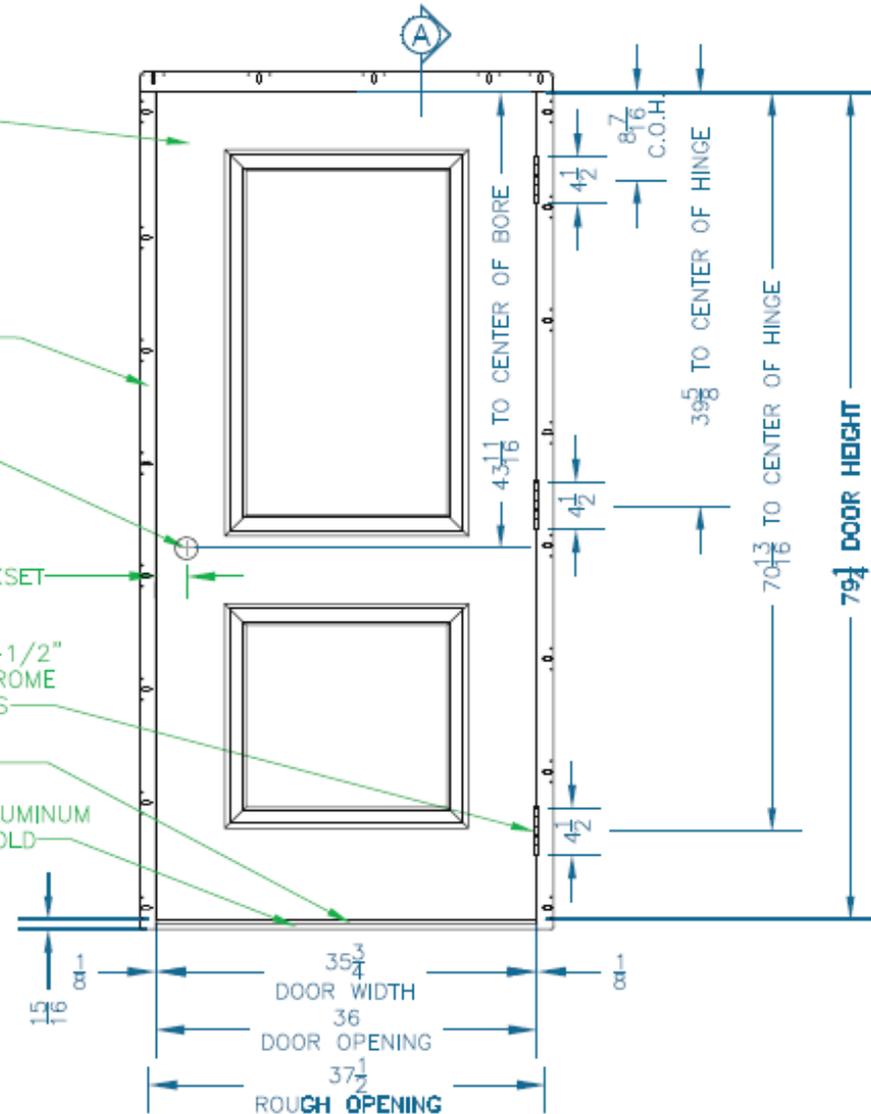
VERIFY 2-1/8"
LOCKSET BORE

VERIFY 2-3/4" BACKSET

THREE 4-1/2" X 4-1/2"
US26D BRUSHED CHROME
BALL BEARING HINGES

1/2" DOOR SWEEP

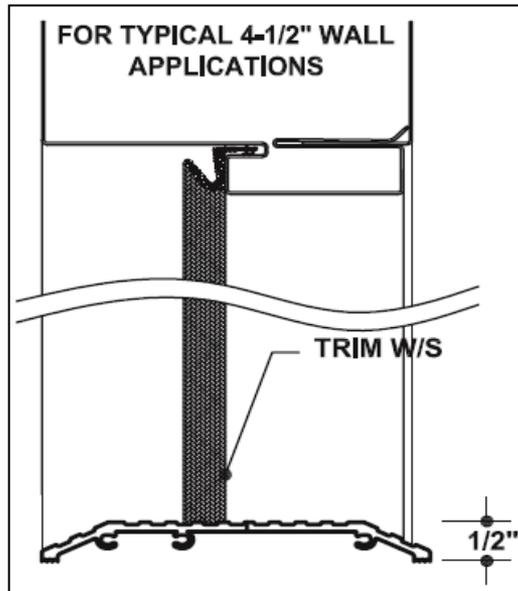
HANDICAP SADDLE ALUMINUM
FAST FRAME THRESHOLD



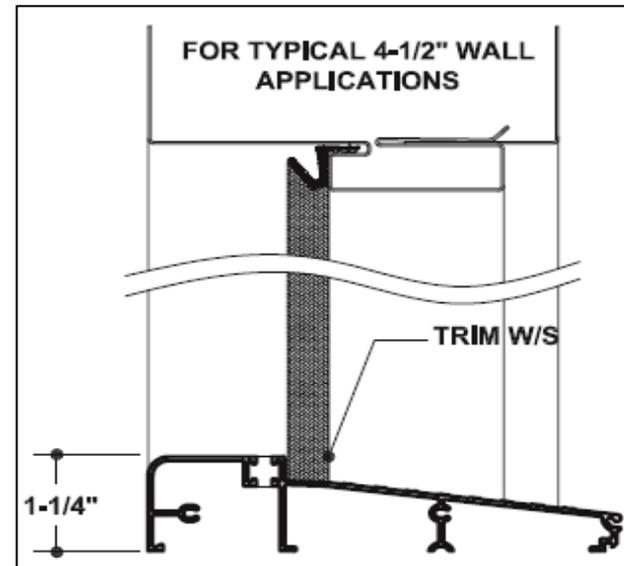
ALCO Doors

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Exterior Door & Frame Applications

ADA Threshold



Standard Outswing Threshold



ALCO Doors

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Sample Quote Form



DOOR						FRAME			HARDWARE		PRICING		
M A R K	Q T Y	SIZE W H	ACTION	CORE	ELEVATION STILE & 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	\$ -	
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**

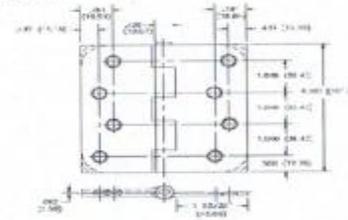
Solid Core in Fast Frame

- Door Dimensions: 3'0" x 6'5" 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:



Sill Detail:



Jamb Detail:

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

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

A Division of American Lumber Corporation
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" U25D Hinges

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

Casing Profile:



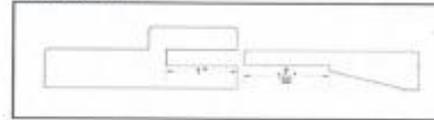
7/8" Undercut



*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.

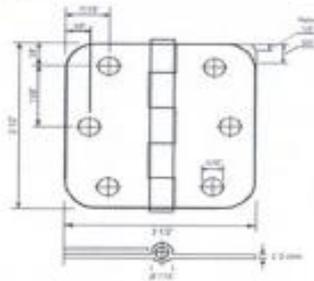
Split Jamb Detail:



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

Sign Off When Approved:

Hinge Detail:



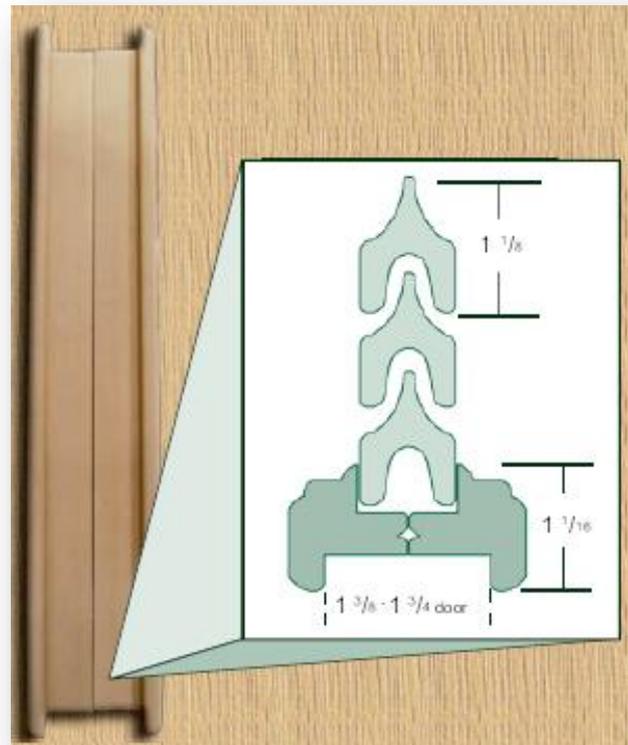
Door Widths:

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.sound SOLID CORE MOLDED PANEL DOORS	safe.sound EMERALD™ GREEN 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 itself does not constitute evidence that a particular product supplied by the certificate holder is FSC certified or 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 invoices and shipping documents. A list of products that are included in the scope of this certificate may be found at <http://info.fsc.org> or will be provided by SCS on request. The certificate itself remains the property of SCS, and the contents and all copies or reproductions of this certificate shall be returned to SCS.

