CURRIES Tech Manual
Door Section

Revised

October, 2015

Index

Door Technical Data

October, 2015

DESCRIPTION **PAGE(S)**

Index

Door Technical Data

November, 2014

DESCRIPTION **PAGE(S)**

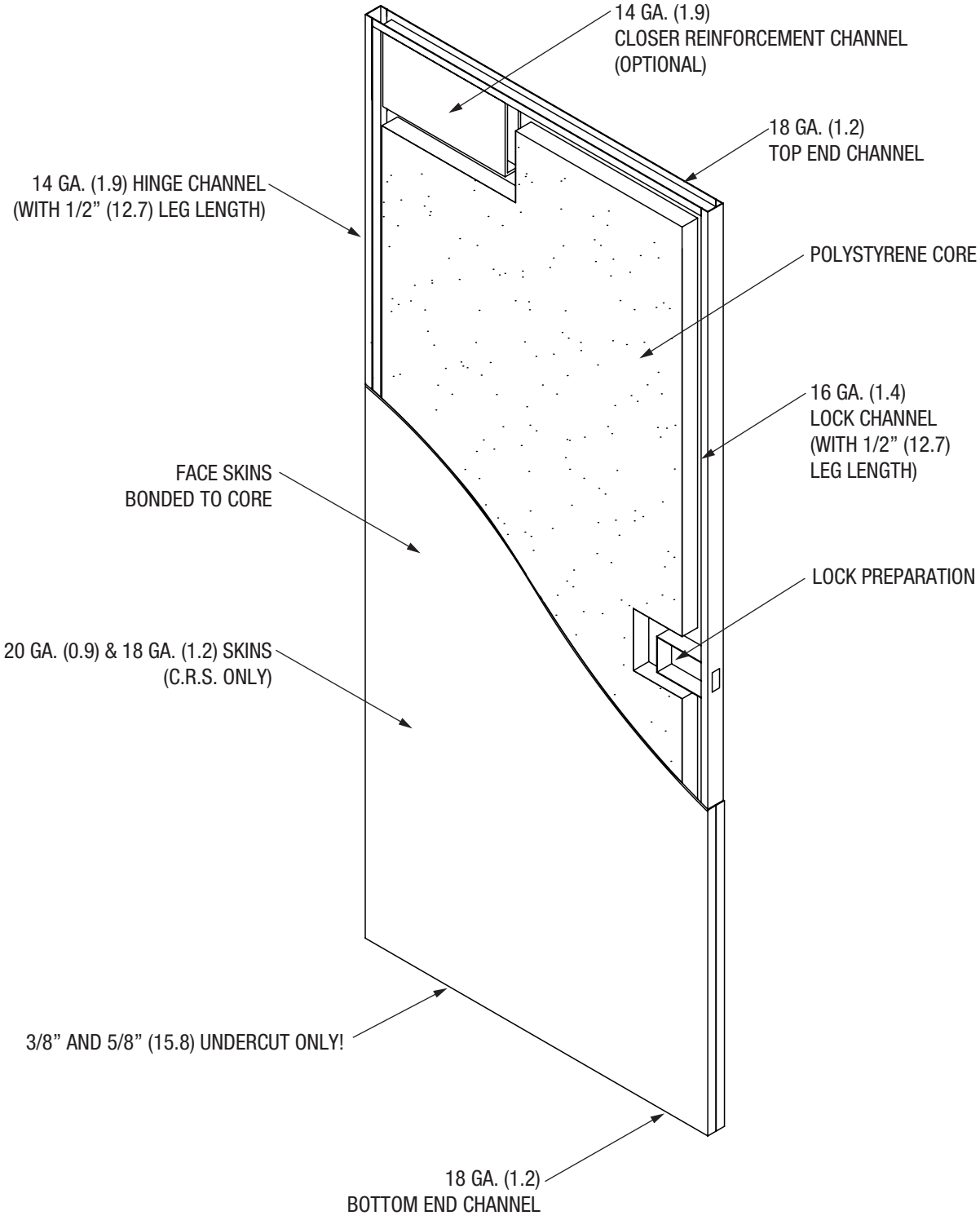
CURRIES
ASSA ABLOY

607 Door Construction

Door Technical Data

October, 2009

L



607 Door Specifications

Door Technical Data

March, 2011

L

NOTES:
THICKNESS: 1-3/4" (44.5) ONLY!
HANDING: Non-handed only. (square edges)
EDGE: "S" type only.
WIDTH: 2'0" (609.2) to 4'0" (1219.2), standard size increments only.
HEIGHT: 6'8" (2032), 7'0" (2133.6), 7'2" (2184.4), and 8'0" (2438.4) only
DOOR CLEARANCES: Standard – 1/8" (3.1) top, 3/8" (9.5) and 5/8" (15.8) bottom, 3/32" (2.3) hinge edge, 1/8" (3.1) lock edge.
HARDWARE PREPARATIONS:

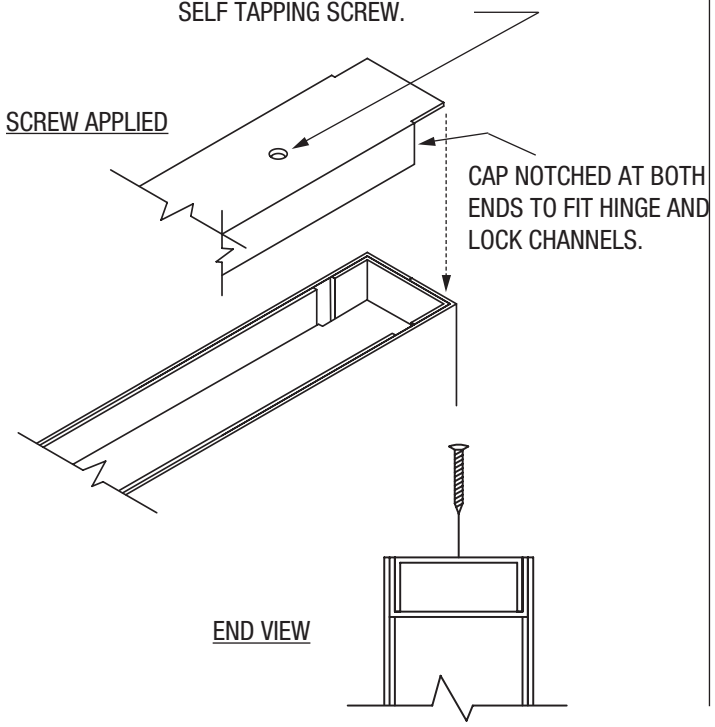
Locks:	Cylindrical – G2, G2B, G2EO Cylindrical deadlock – G16 Mortise – G3, G3EO (edge only), G3AEO (edge only), G3ARO (reinforce only).
Strikes:	E1B (Cut lip on strike in field)
Flushbolt:	H1, H1HO
Surface Bolt:	SB
Push-Pull Reinf:	G18
Hinges:	4-1/2" (114.3) x 4-1/2" (114.3) x .134" (3.4) Thickness and .180" heavy weight – 1/4" (6.3) backset.
Panic Devices:	G11 (rim exit), G11A (surface vertical rod), both reinforce only.
Closer:	CL

GLASS KITS: Flush doors only.
ASTRAGALS: Not available factory installed - field installation only.
Hinge and lock locations are SDI manufacturers standard locations.

Steel Top/Bottom Filler Cap

L

(Optional)
20 GA. (.9) Galvanealed



Hinge Edge

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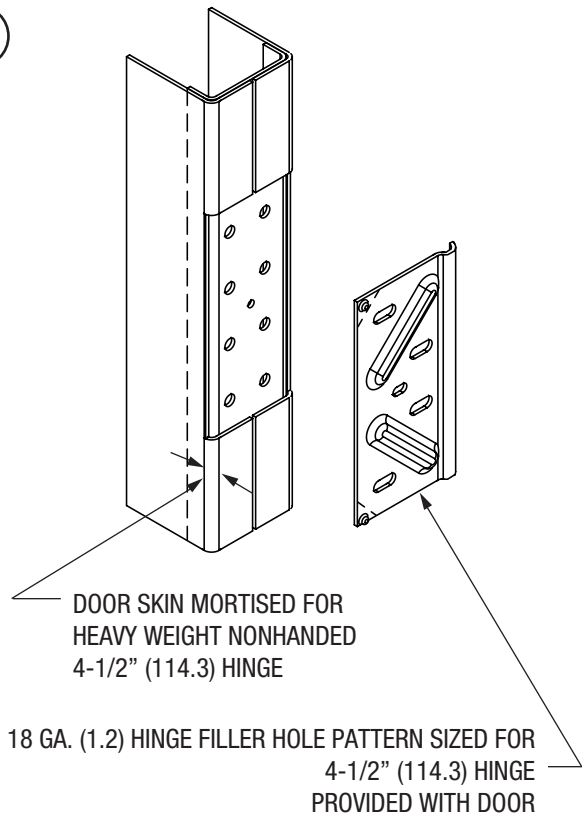

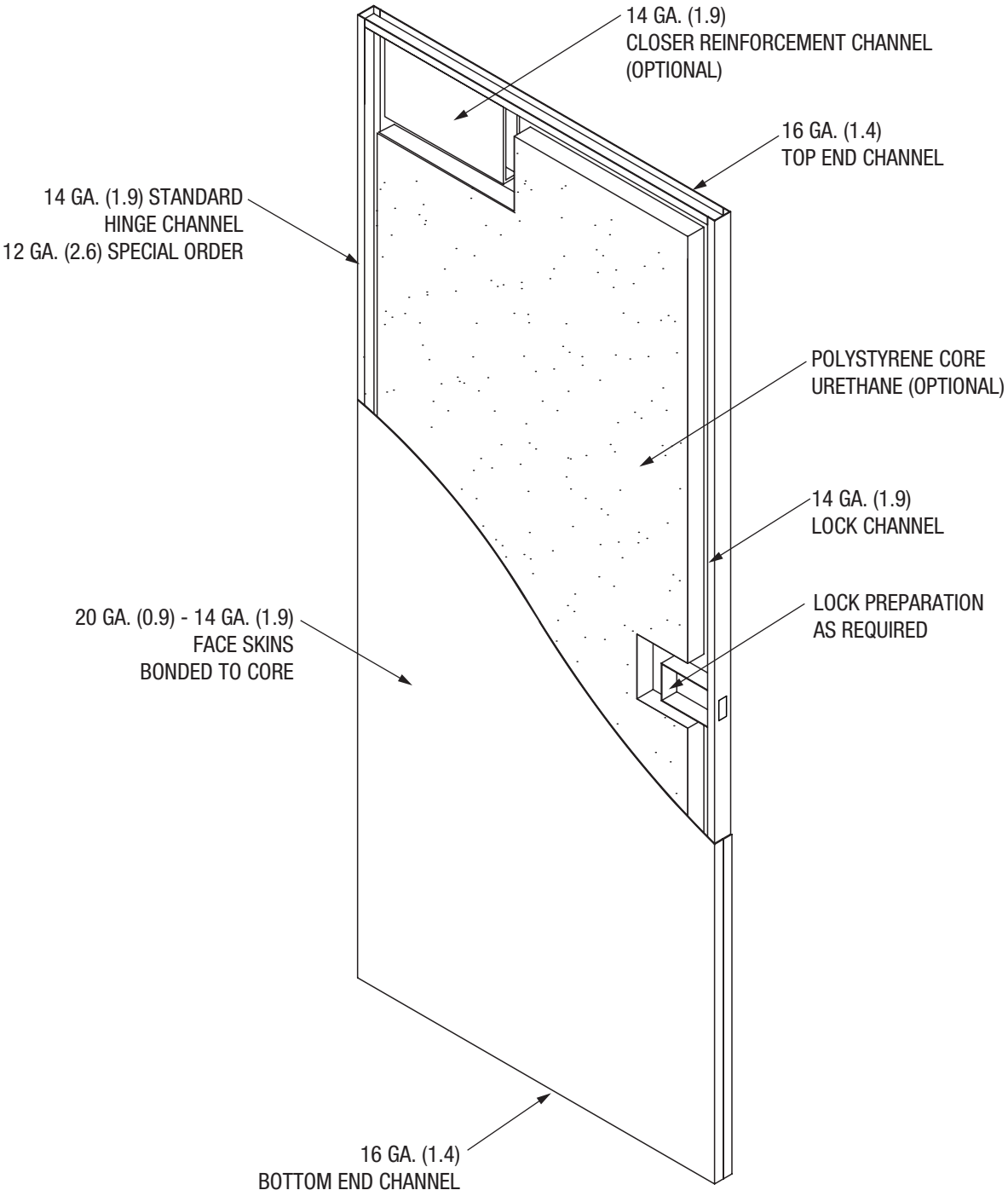

NOTE: SEE PAGE 162 FOR HONEYCOMB OPTION

March, 2015

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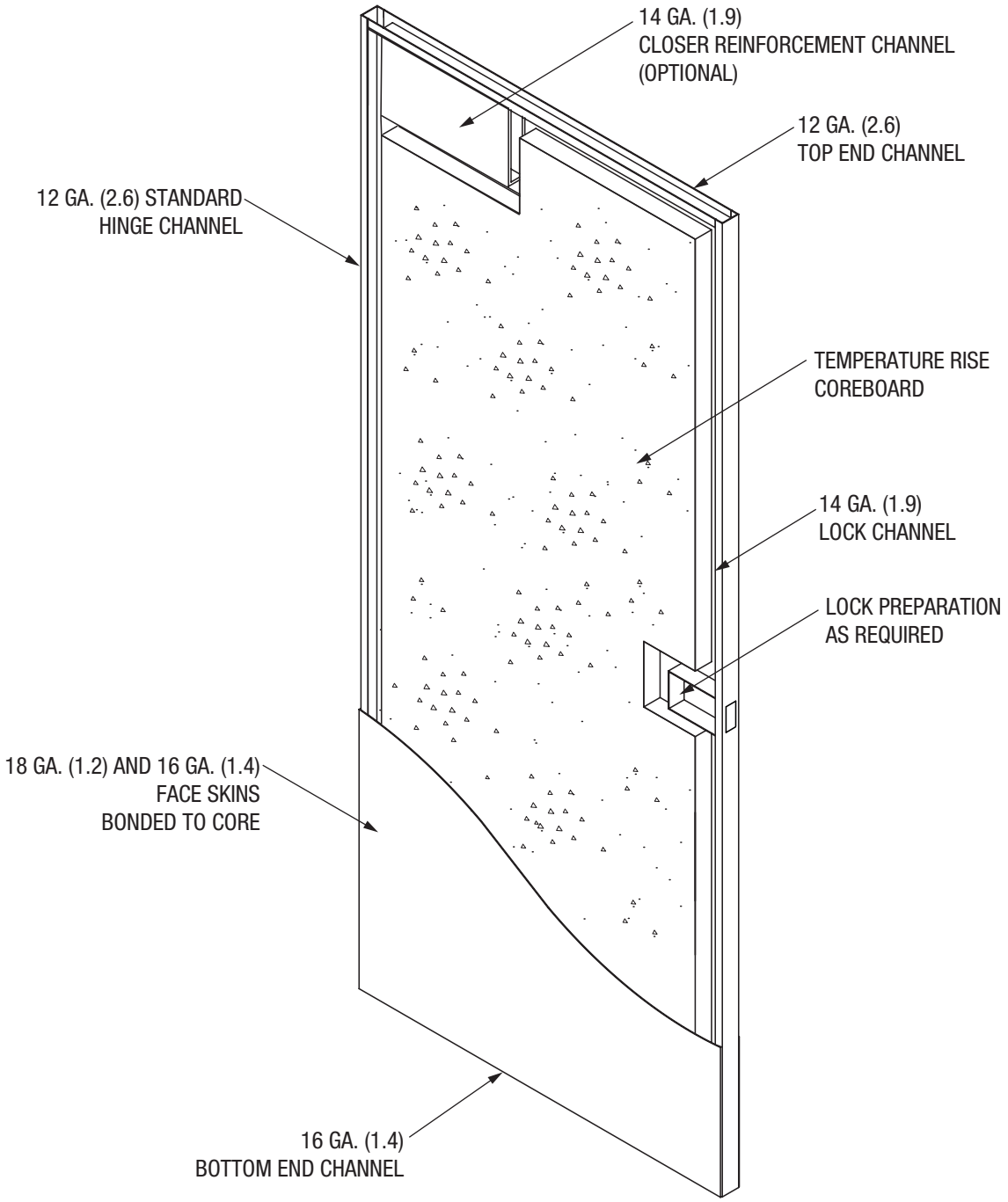
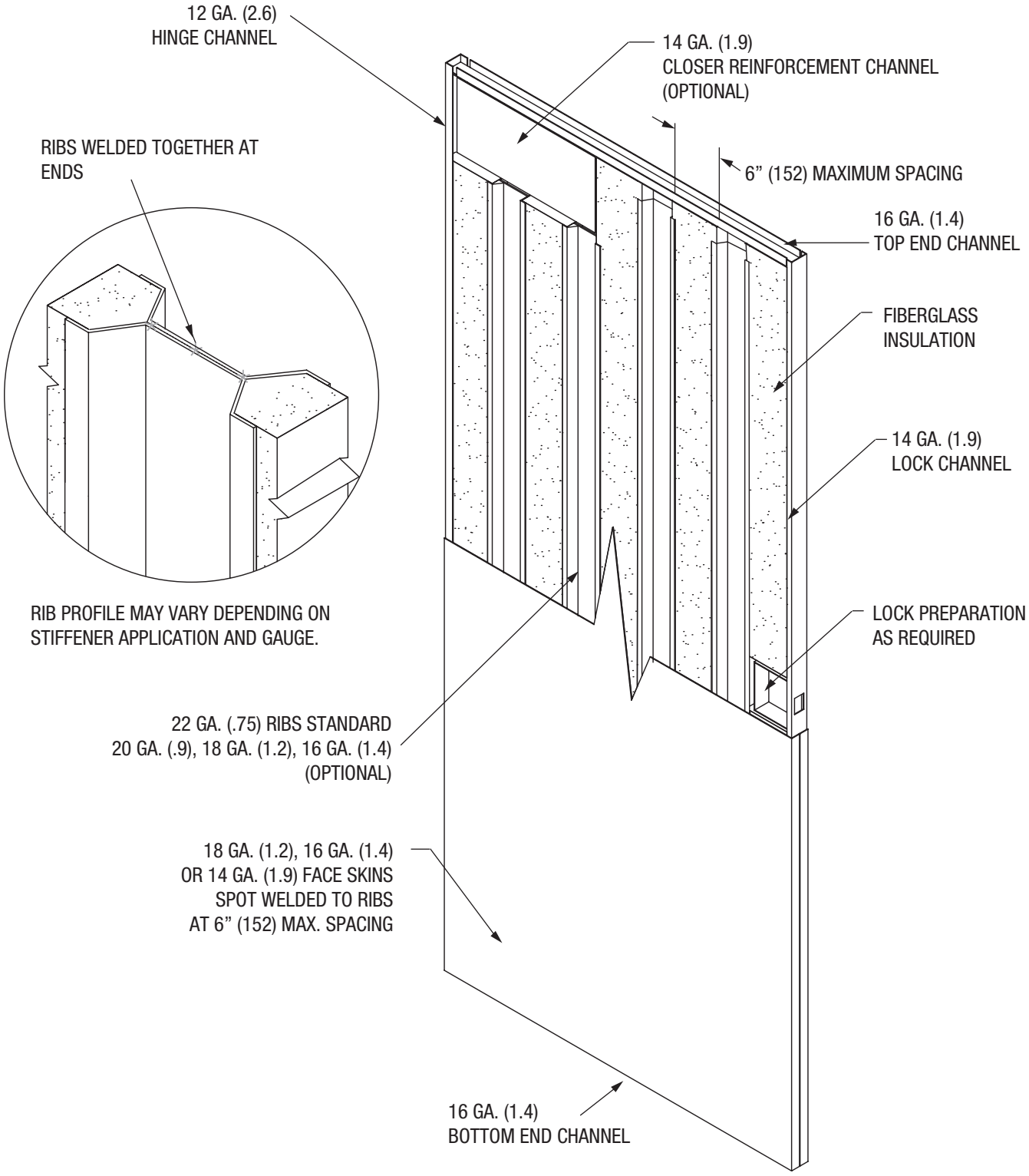
250˚F Temperature Rise Rating
450˚F Temperature Rise Rating



747 Door Construction

Door Technical Data

September, 2014



A STEEL STIFFENED DOOR DESIGN IS AVAILABLE WITH A 450˚ TEMPERATURE RISE FIRE RATING ON PAGE 169.

Hinge Channel Reinforcement

Door Technical Data

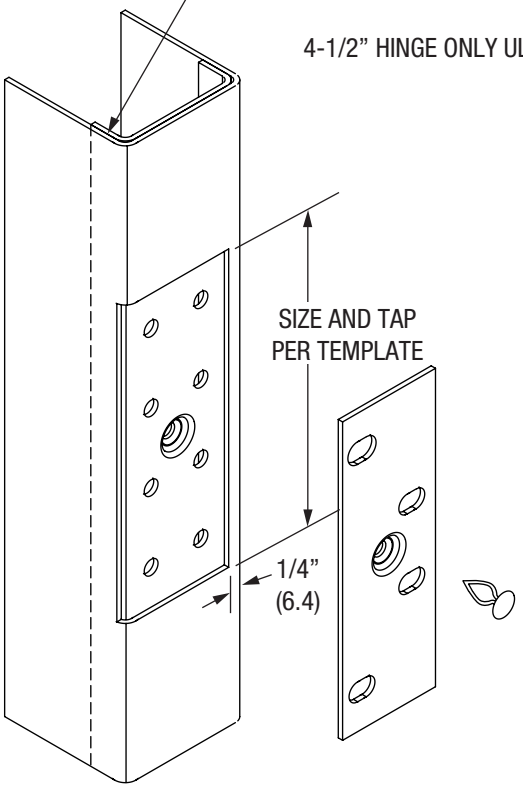
April, 2002

L

HANDED - A BEVEL "ULTIMA"

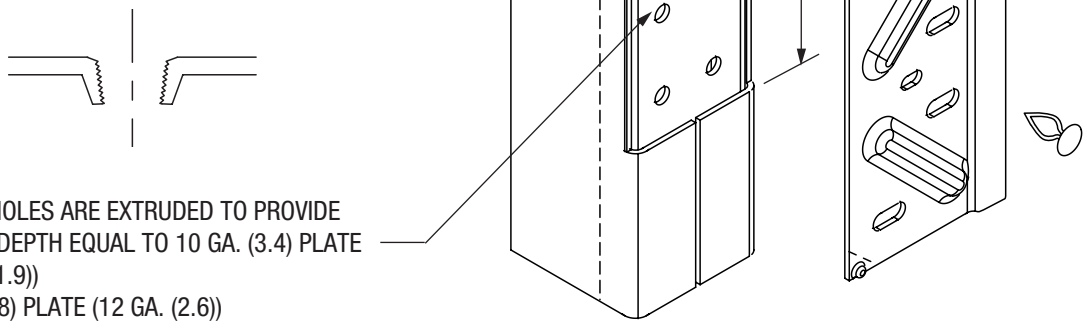
CONTINUOUS HINGE CHANNEL
14 GA. (1.9) STANDARD
12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

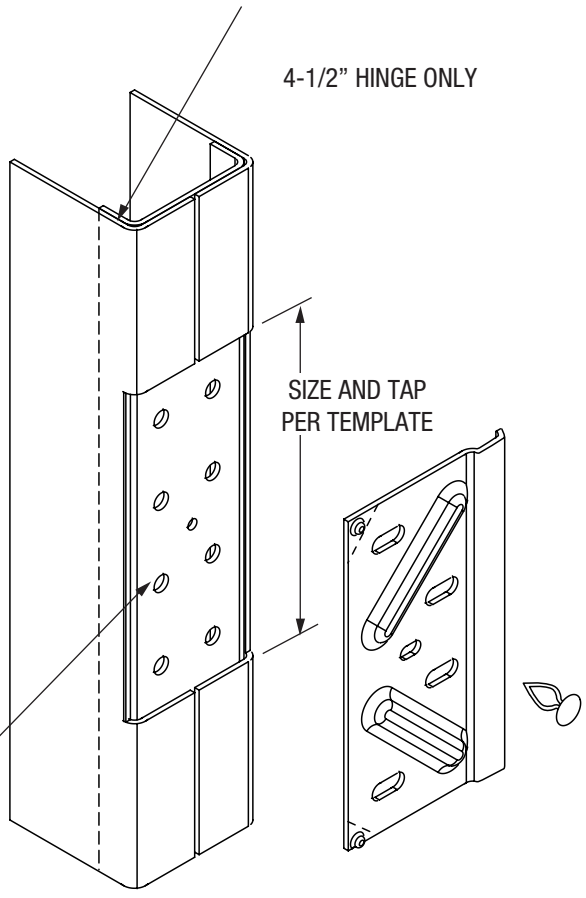
4-1/2" HINGE ONLY ULTIMA SHIM STANDARD FOR 4-1/2" HINGE STANDARD AND HEAVYWEIGHT



NON HANDED - B BEVEL - "ULTIMA"

CONTINUOUS HINGE CHANNEL
14 GA. (1.9) STANDARD
12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES





SCREW HOLES ARE EXTRUDED TO PROVIDE
THREAD DEPTH EQUAL TO 10 GA. (3.4) PLATE
(14 GA. (1.9))
3/16" (4.8) PLATE (12 GA. (2.6))

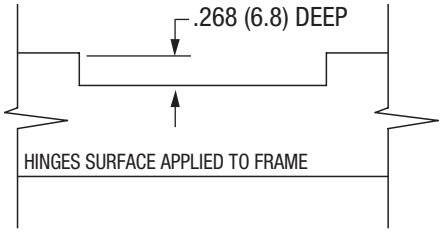
HINGE PREPARATIONS OTHER THAN 4-1/2" ARE SIZE AND TAP PER TEMPLATE.

CURRIES
ASSA ABLOY

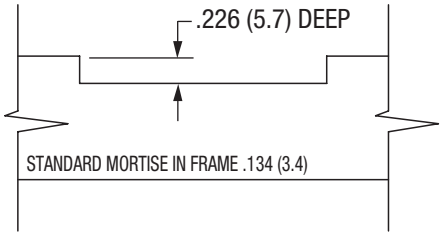
Over Mortise and Double Mortise Hinges on Doors

Door Technical Data

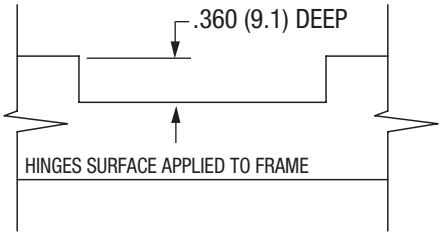
April, 2002



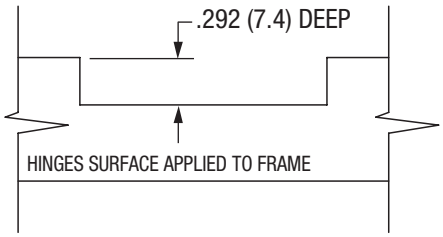
4-1/2" (114.3) STANDARD WEIGHT (.134) (3.4)
DOUBLE MORTISE
HINGES
S.D.M.



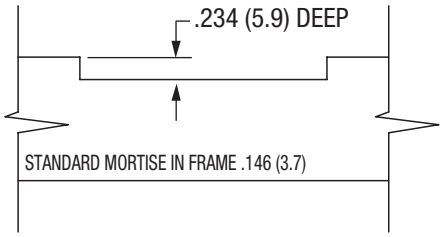
4-1/2" (114.3) HEAVY WEIGHT (.180) (4.6)
OVER MORTISE
HINGES
H.O.M.



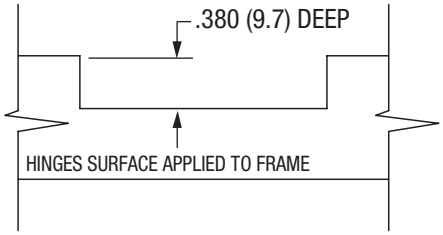
4-1/2" (114.3) HEAVY WEIGHT (.180) (4.6)
DOUBLE MORTISE
HINGES
H.D.M.



5" (127) STANDARD WEIGHT (.146) (3.7)
DOUBLE MORTISE
HINGES
S.D.M.



5" (127) HEAVY WEIGHT (.190) (4.8)
OVER MORTISE
HINGES
H.O.M.



5" (127) HEAVY WEIGHT (.190) (4.8)
DOUBLE MORTISE
HINGES
H.D.M.

NOTE: ULTIMA 4-1/2" (114.3) HINGE GIVES THE OPTION OF STANDARD OR HEAVY WEIGHT.

CURRIES
ASSA ABLOY

April, 2002

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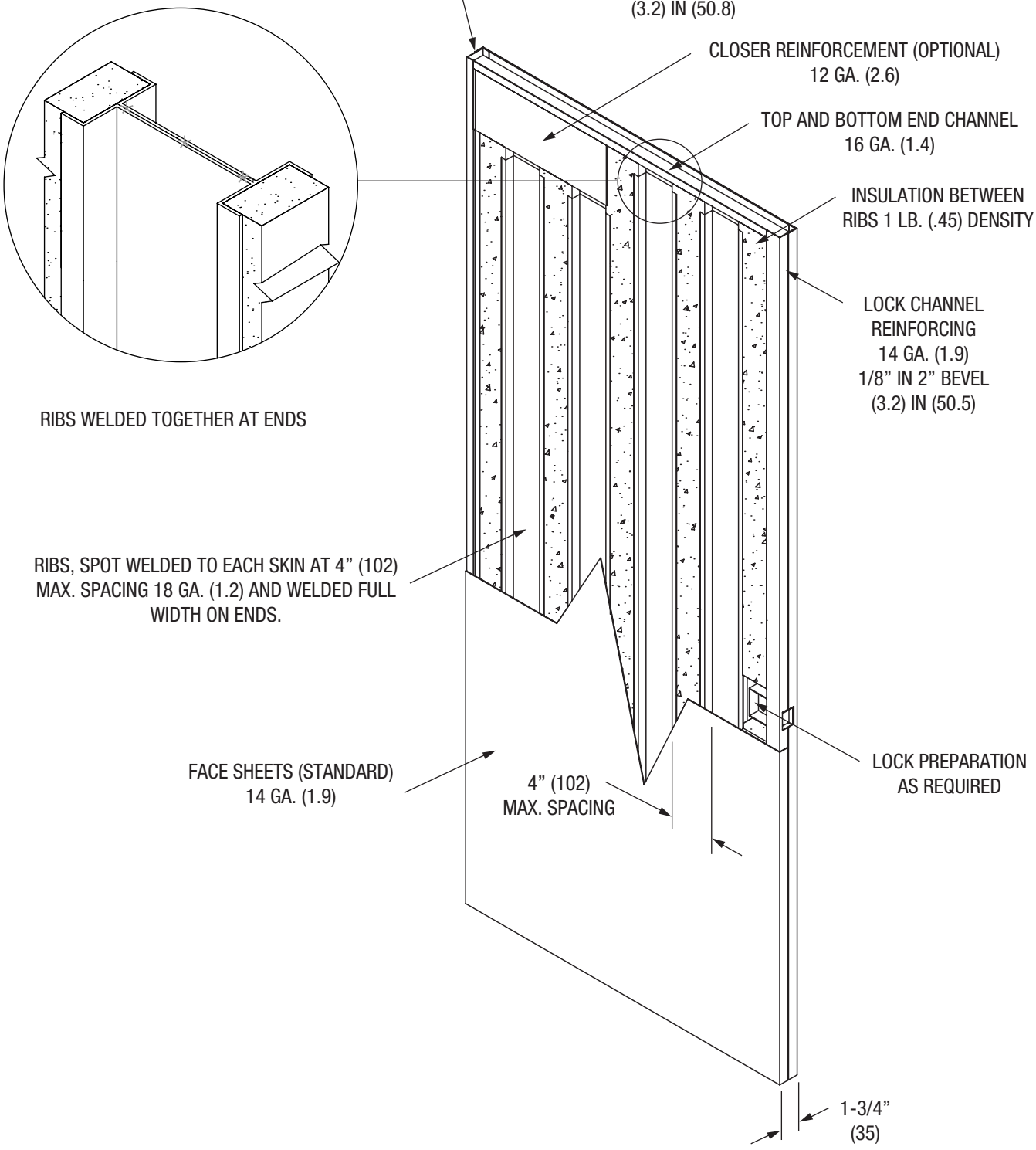
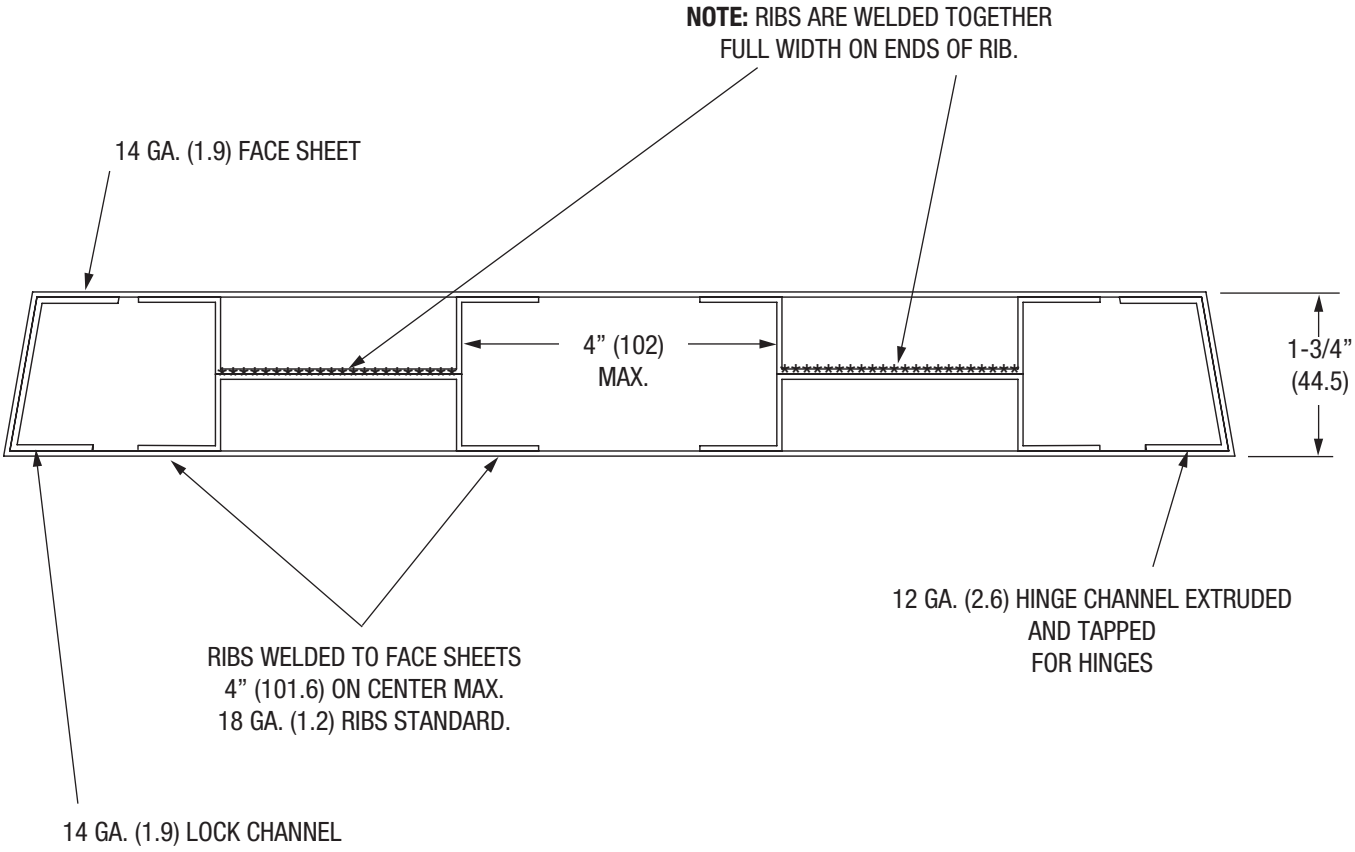


847 Security Door Rib Construction

Door Technical Data

April, 2002

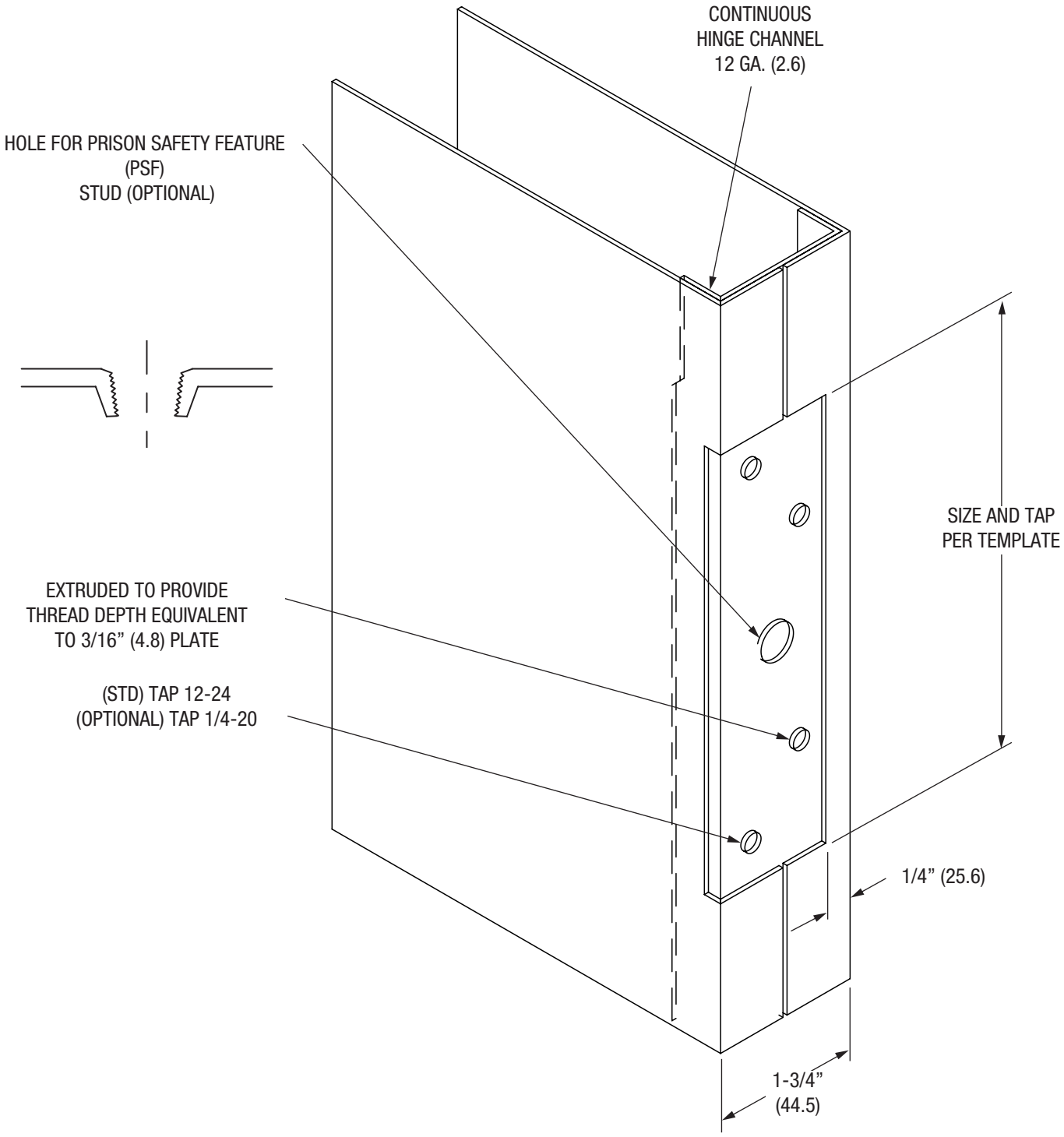


847 Security Door Hinge Channel Reinforcement

Door Technical Data

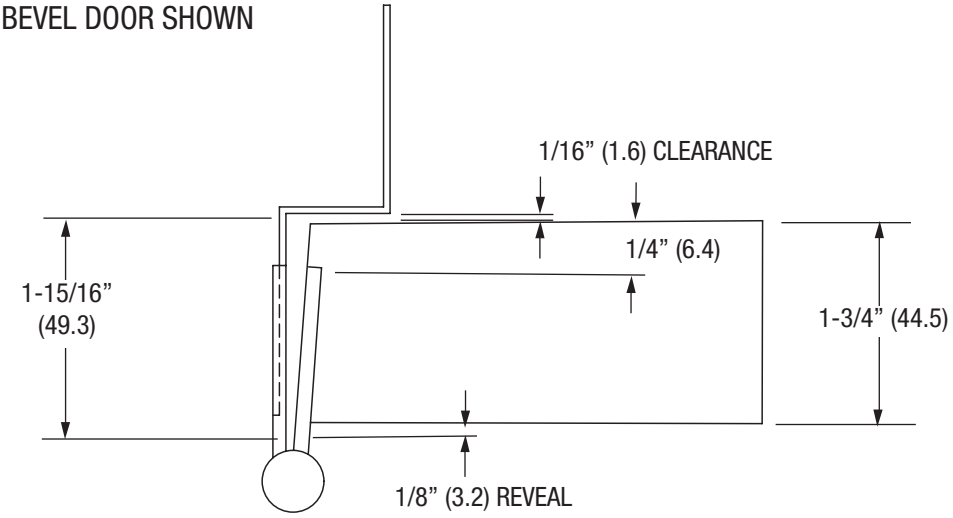
April, 2002

L

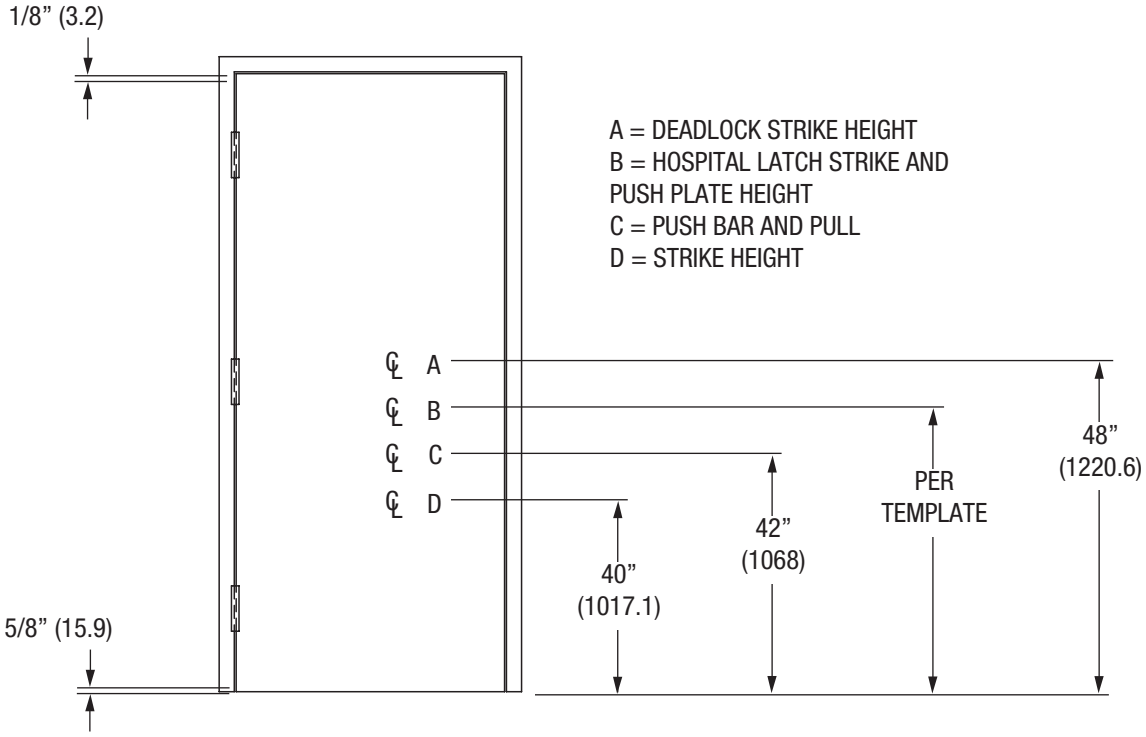


STANDARD HINGE BACKSET

"G" BEVEL DOOR SHOWN



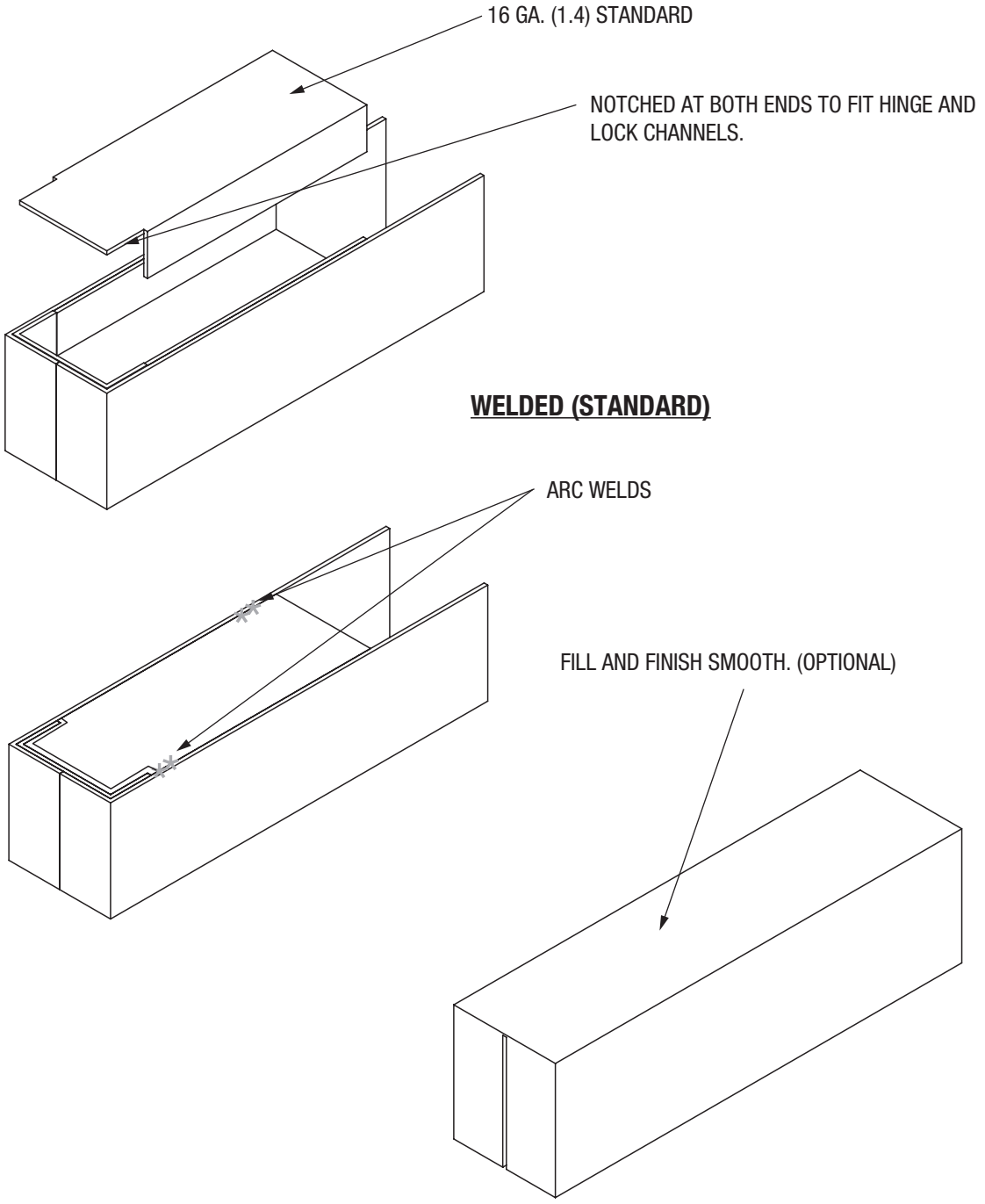
STRIKE LOCATIONS



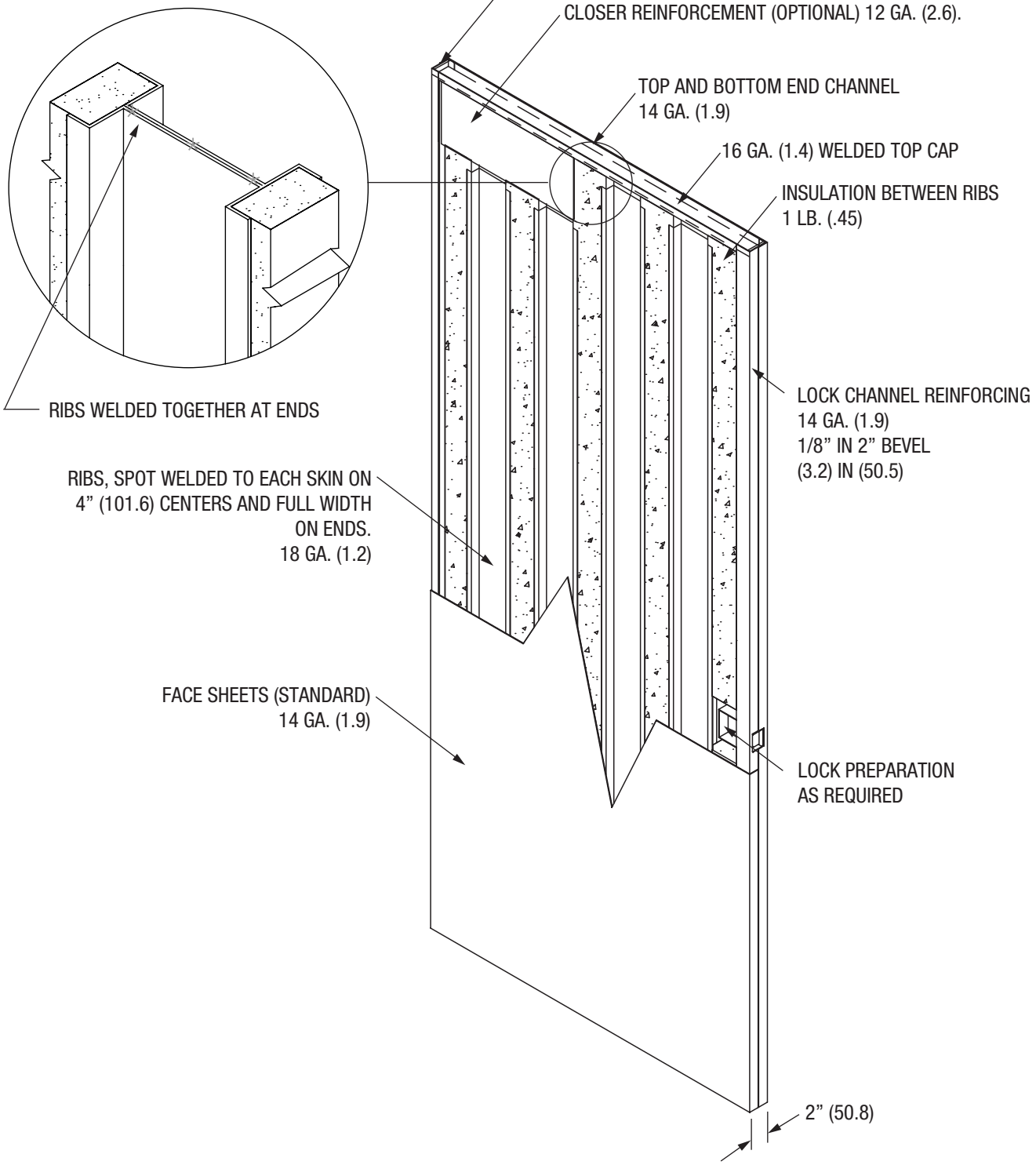
847 Top (Bottom Optional) Flush Cap

Door Technical Data

April, 2002



2" DOOR


12 GA. (2.6) HINGE CHANNEL REINFORCING 1/8" IN 2" BEVEL.
(3.2) IN (50.8)
CLOSER REINFORCEMENT (OPTIONAL) 12 GA. (2.6).
TOP AND BOTTOM END CHANNEL
14 GA. (1.9)
16 GA. (1.4) WELDED TOP CAP
INSULATION BETWEEN RIBS
1 LB. (.45)
RIBS WELDED TOGETHER AT ENDS
LOCK CHANNEL REINFORCING
14 GA. (1.9)
1/8" IN 2" BEVEL
(3.2) IN (50.5)
RIBS, SPOT WELDED TO EACH SKIN ON
4" (101.6) CENTERS AND FULL WIDTH
ON ENDS.
18 GA. (1.2)
FACE SHEETS (STANDARD)
14 GA. (1.9)
LOCK PREPARATION
AS REQUIRED
2" (50.8)

857 Security Door Rib Cross Section

Door Technical Data

April, 2002

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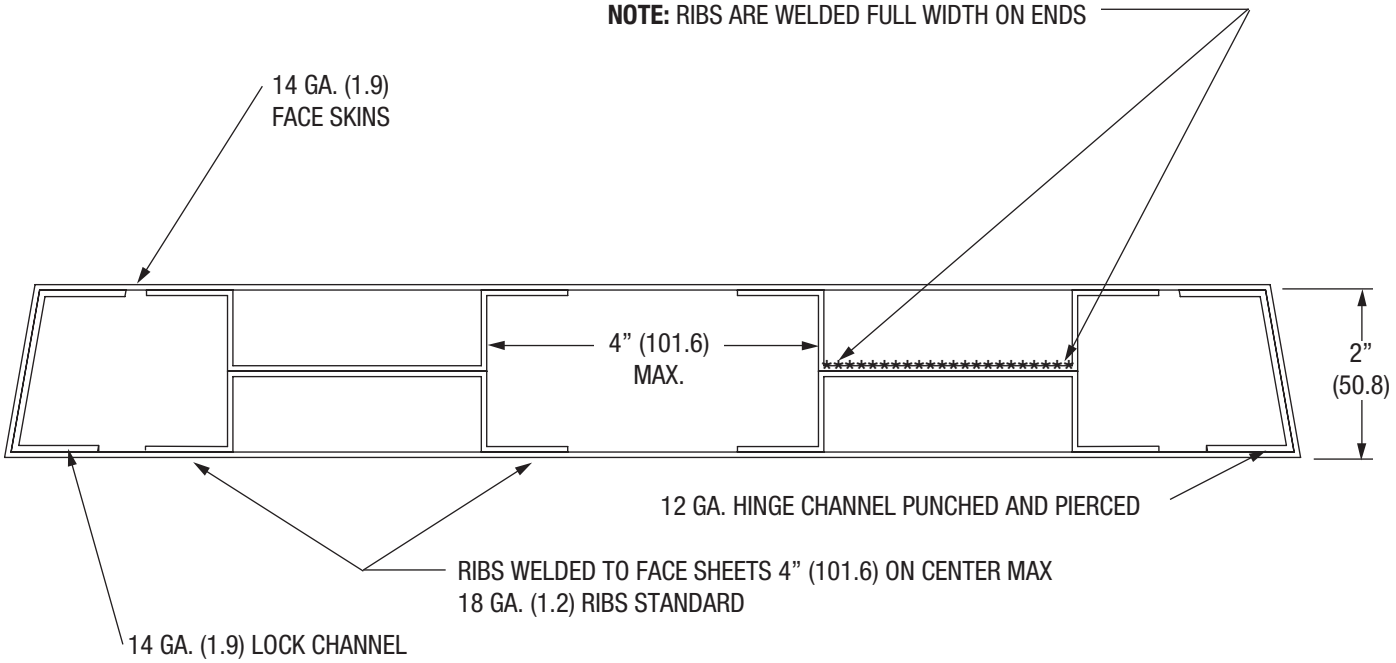
2" DOOR



CURRIES
ASSA ABLOY

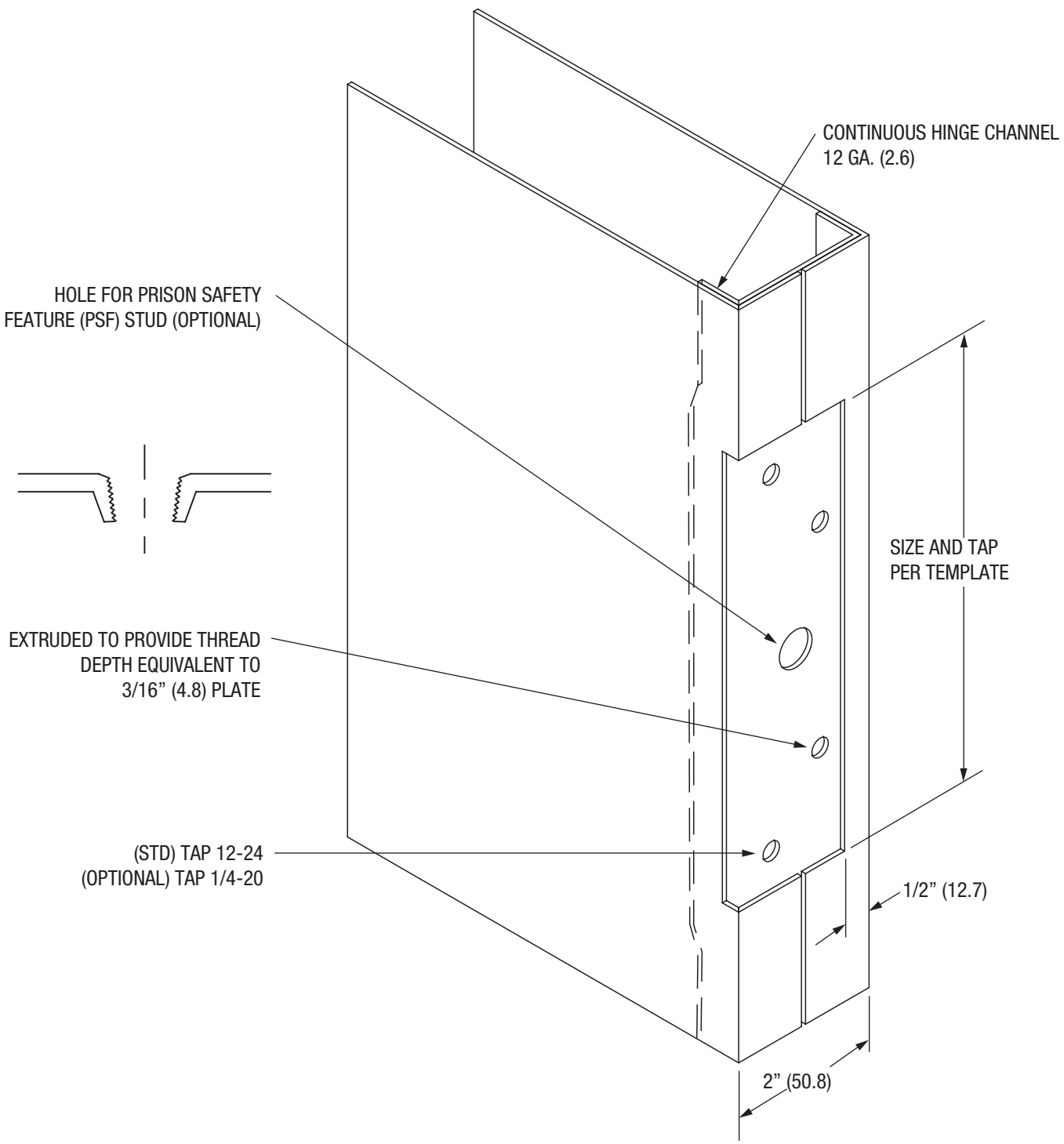
857 Security Hinge Channel Reinforcement

Door Technical Data

April, 2002

L

2" DOOR



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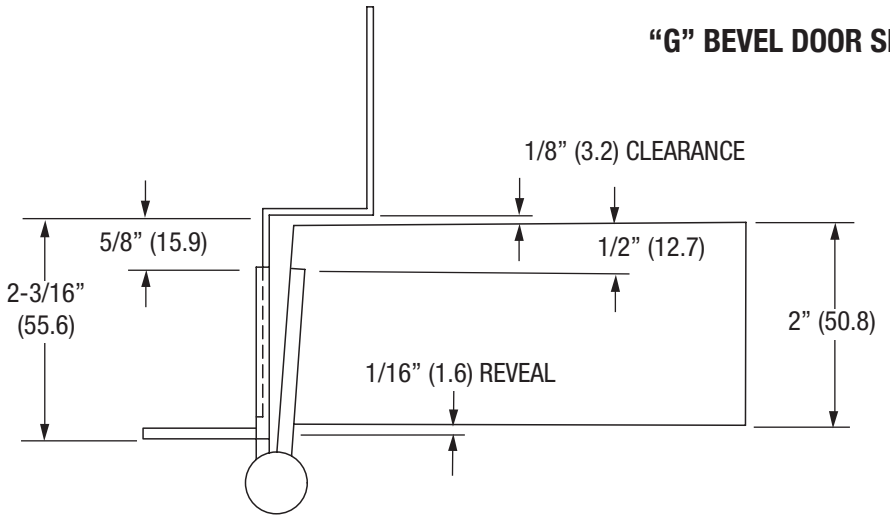
STANDARD HINGE BACKSET

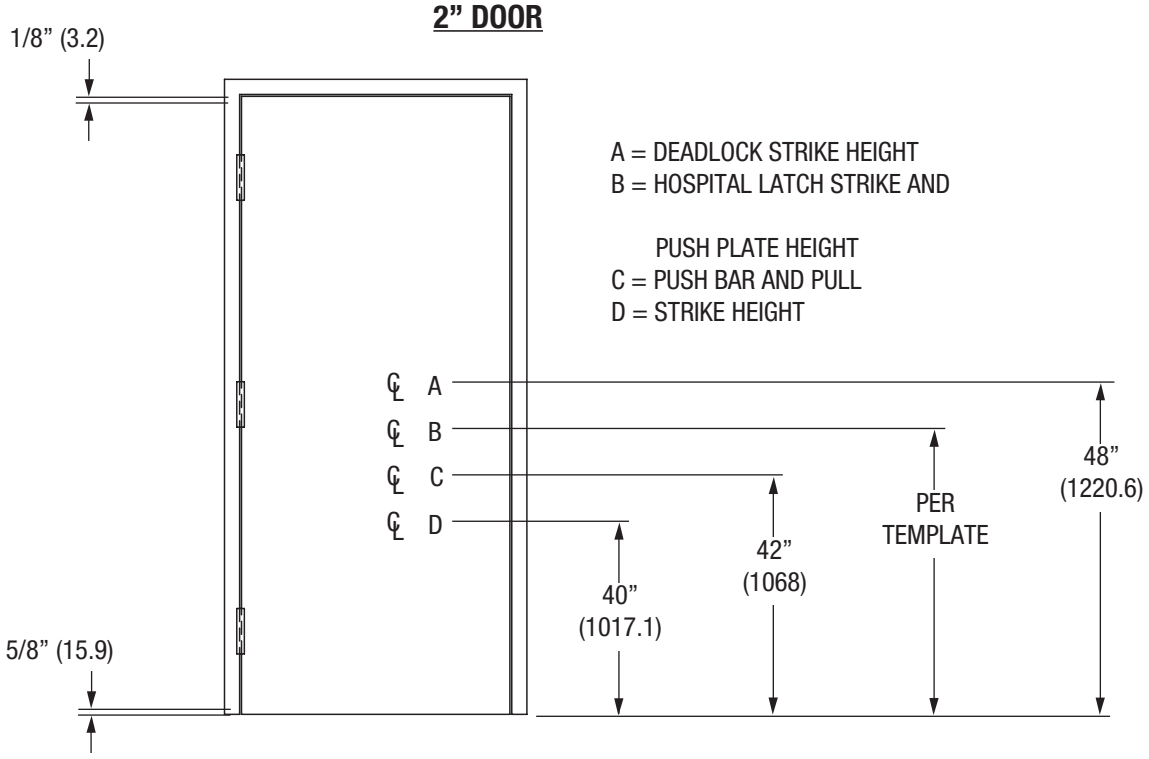
2" DOOR

"G" BEVEL DOOR SHOWN

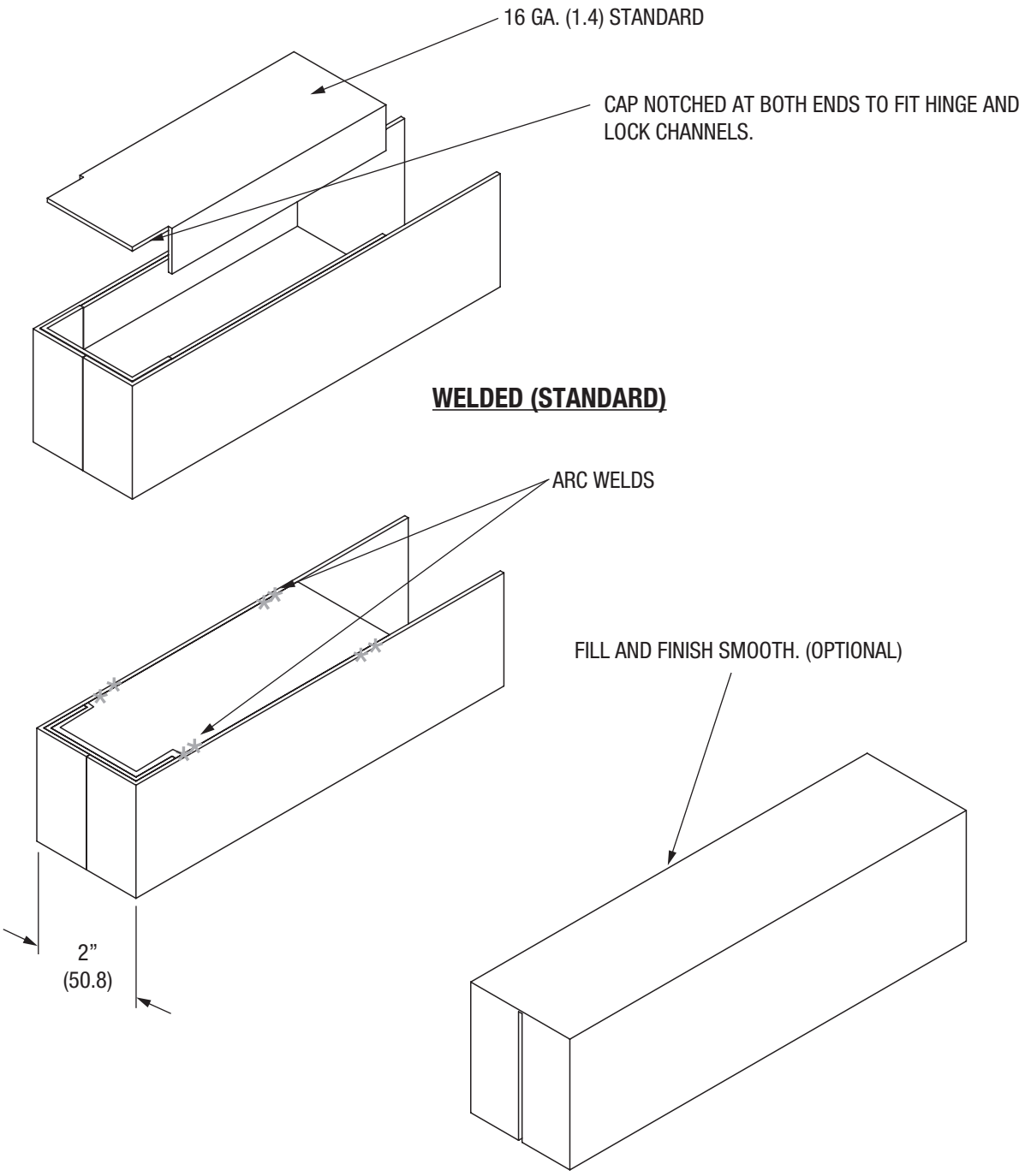


STRIKE LOCATIONS

2" DOOR



2" DOOR


16 GA. (1.4) STANDARD
CAP NOTCHED AT BOTH ENDS TO FIT HINGE AND LOCK CHANNELS.
WELDED (STANDARD)
ARC WELDS
FILL AND FINISH SMOOTH. (OPTIONAL)
2"
(50.8)

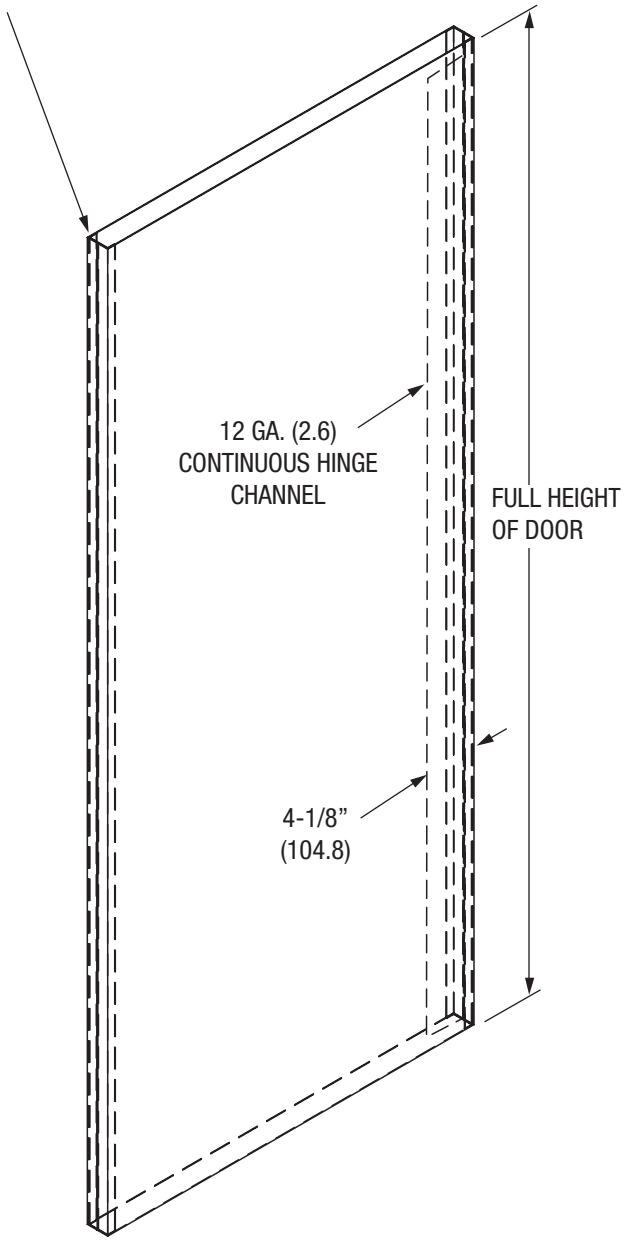
Surface Mounted Hinge Reinforcement

Door Technical Data

April, 2002

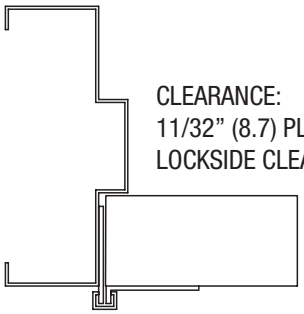
L

CONTINUOUS LOCK CHANNEL

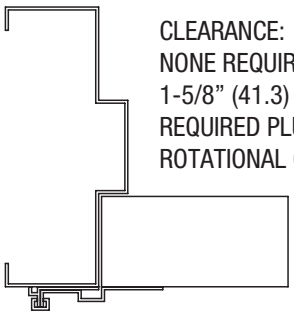


NOTE: DOOR SIZE REQUIREMENTS DETERMINED BY HINGE MANUFACTURERS TEMPLATES AND MOUNTING INSTALLATION.

CONTINUOUS GEAR HINGE APPLICATIONS
(CLEARANCE VARIES PER MANUFACTURER)



CLEARANCE:
11/32" (8.7) PLUS STANDARD
LOCKSIDE CLEARANCE



CLEARANCE:
NONE REQUIRED
1-5/8" (41.3) MINIMUM FRAME FACE
REQUIRED PLUS 3/16" (4.8)
ROTATIONAL CLEARANCE

USE FOR SURFACE APPLIED BUTT AND CONTINUOUS HINGES WITHOUT THE NEED FOR THRU-BOLTS.

April, 2002

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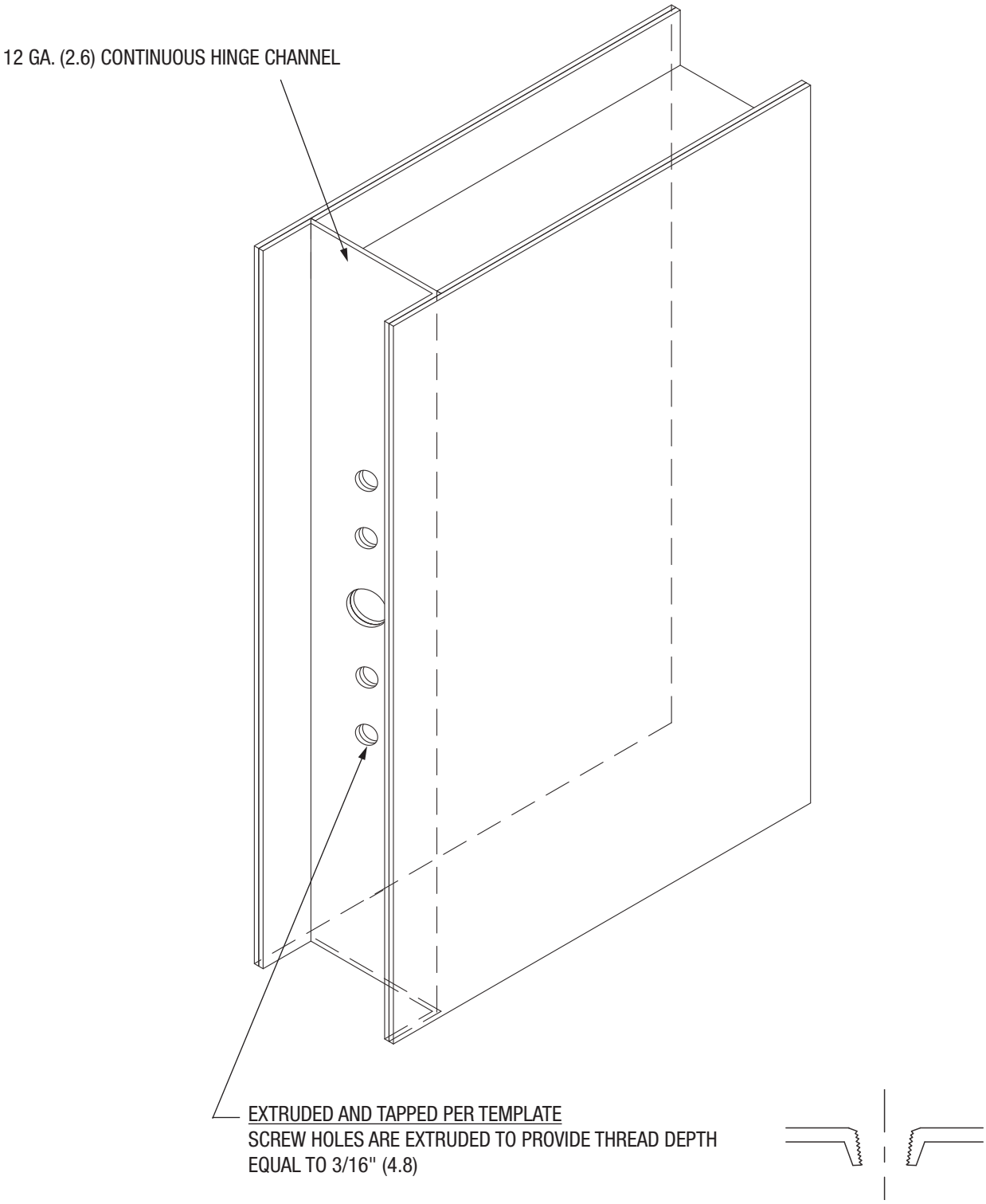

12 GA. (2.6) CONTINUOUS HINGE CHANNEL
EXTRUDED AND TAPPED PER TEMPLATE
SCREW HOLES ARE EXTRUDED TO PROVIDE THREAD DEPTH
EQUAL TO 3/16" (4.8)

Door Top and Bottom Pivot Preparation "D" Bevel

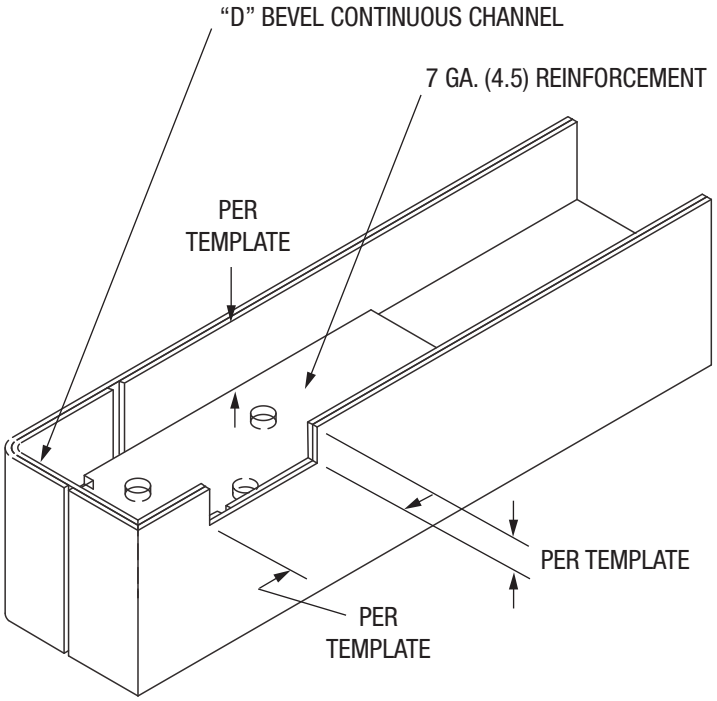
Door Technical Data

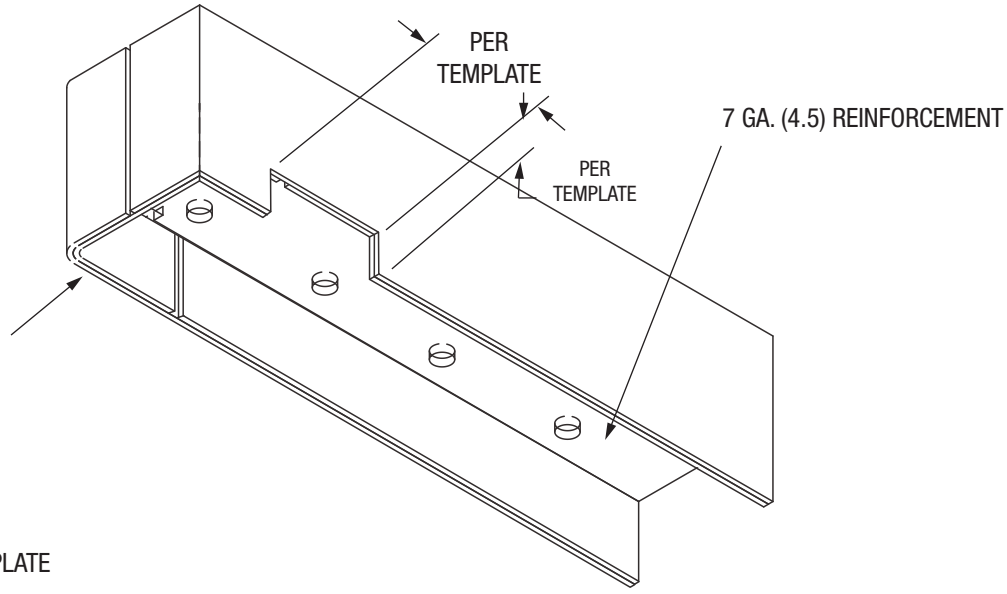
April, 2002

L

TOP PIVOT

SIZE AND TAP PER TEMPLATE





BOTTOM PIVOT

SIZE AND TAP PER TEMPLATE

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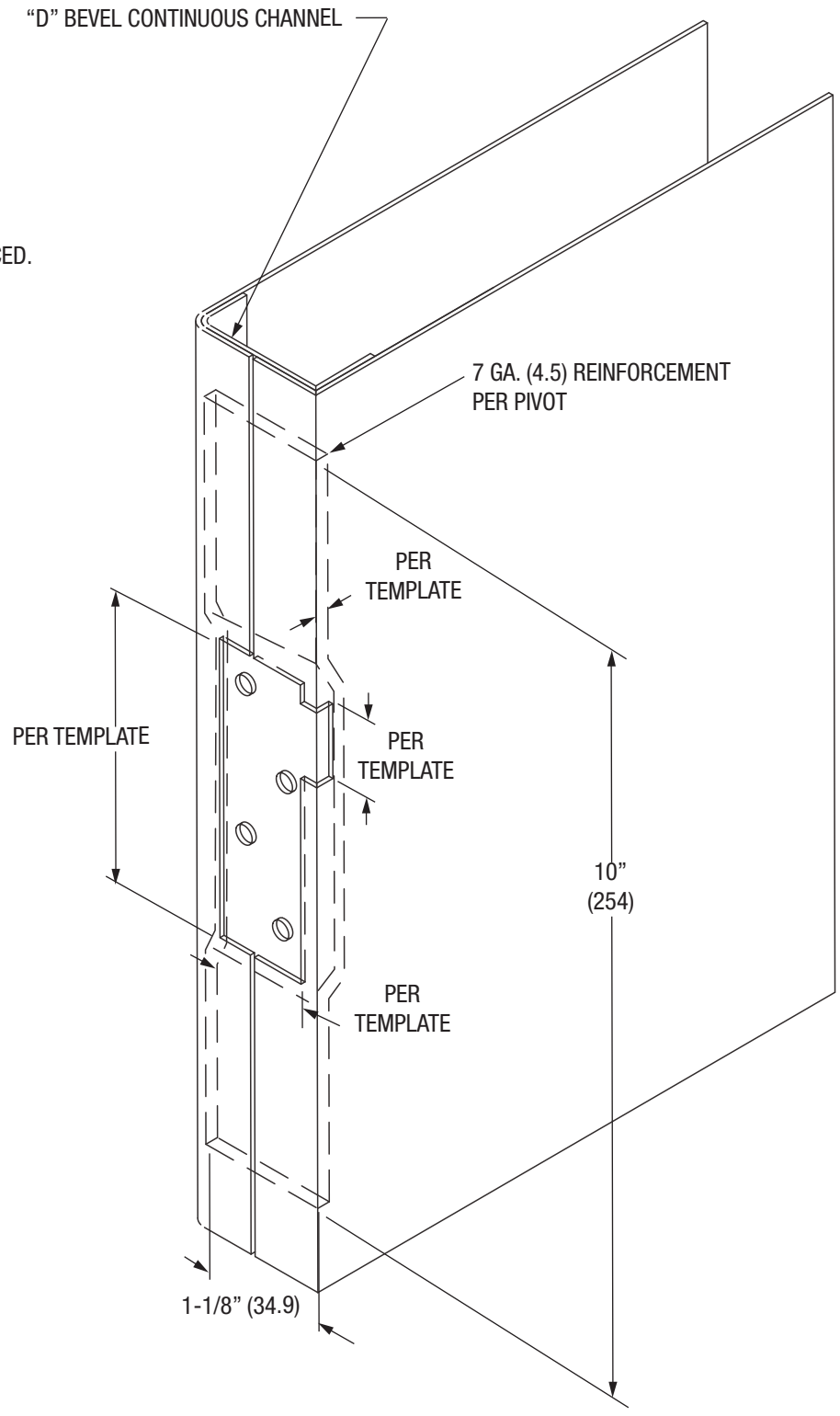


NOTE: CURRIES PIVOT LOCATIONS ARE EQUALLY SPACED.

SIZE AND TAP PER TEMPLATE

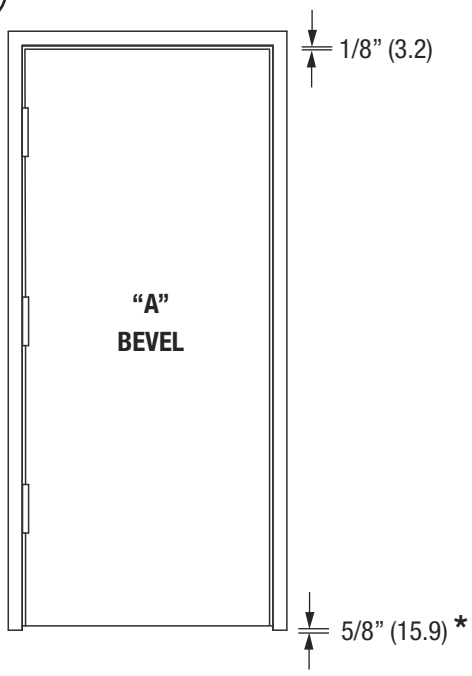
Standard Door Clearances

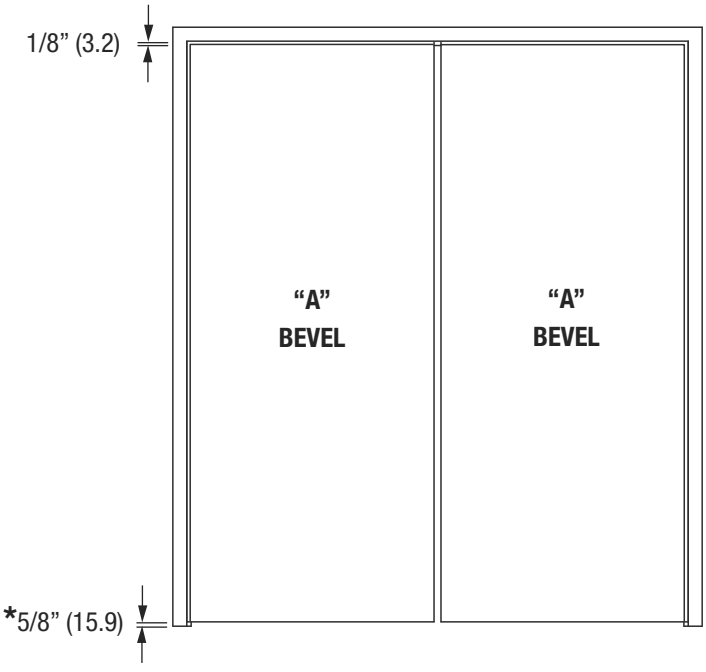
Door Technical Data

March, 2012

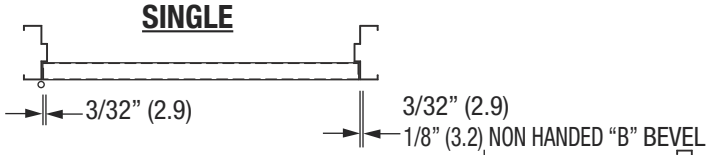
Doors ordered for other than CURRIES locations will get the standard undercut of the specified manufacturer.

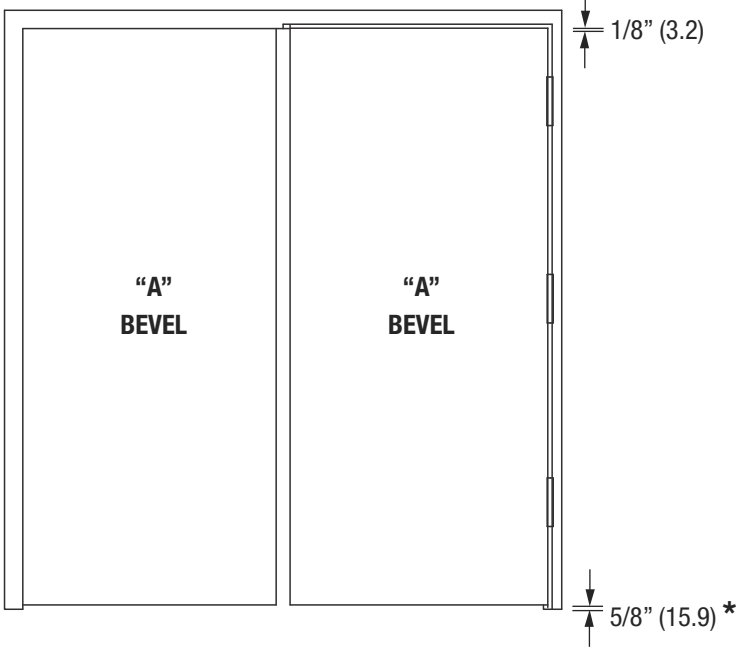
(L)





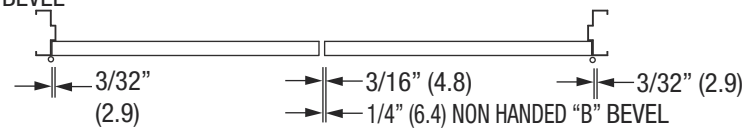
SINGLE



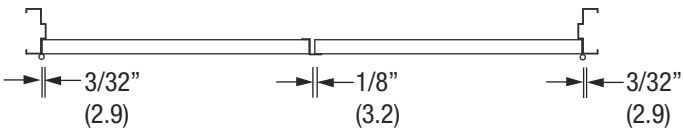


PAIR

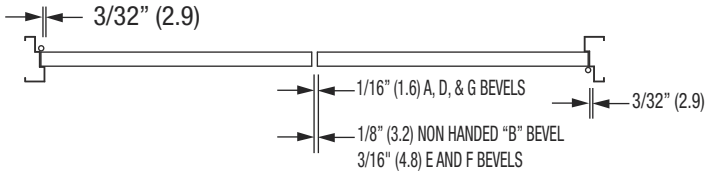
WITHOUT ASTRAGAL



WITH "Z" ASTRAGAL



DOUBLE EGRESS (E) +



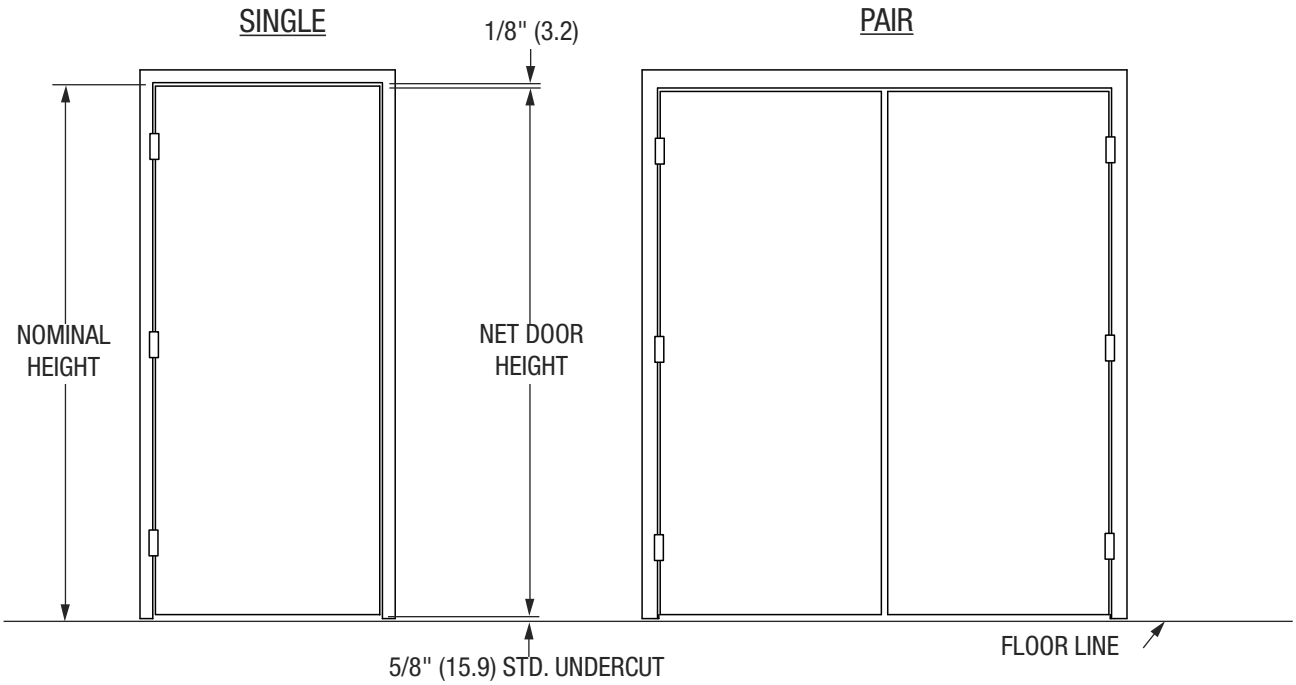
*** NOTE:** The 5/8" (15.9) standard bottom undercut shown on the above drawings are for 1-3/4" (44.5) doors, 1-3/8" (34.9) doors have a 3/4" (19.1) standard bottom undercut.

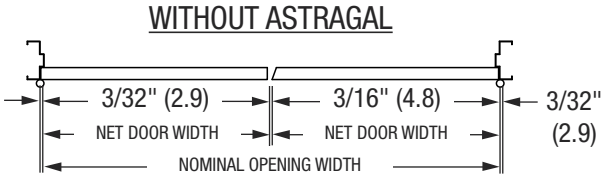
+ NOTE: E code (double opening) doors are oversize 1/16" from standard for double egress.

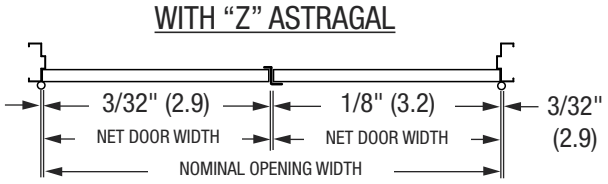
March, 2012

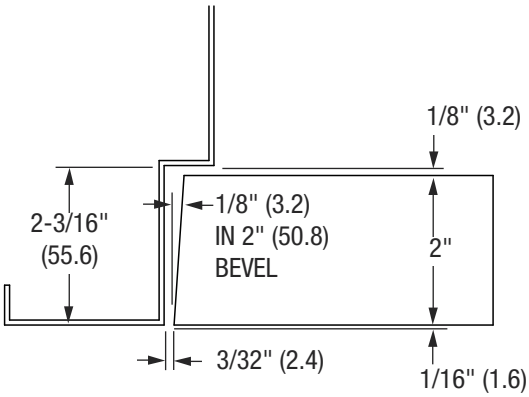
Doors ordered for other than CURRIES locations will get the standard undercut of the specified manufacturer.

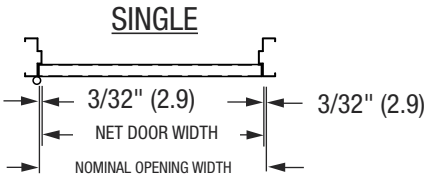
2" DOOR











Bevels (Door Edge)

Door Technical Data

April, 2002

L

SQUARE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

STANDARD DOOR BEVEL

SQUARE

SQUARE

DOOR BEVEL (NON-HANDED)
POCKET DOOR, TRANSOM PANEL,
SIDELITE PANEL

1/8" IN 2" BEVEL
(3.2) IN (50.8)
WITH 1/4" (6.4) RADIUS
LOW SIDE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

REQUIRED WITH ALL OFFSET PIVOT HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

2-5/8" (66.8)
RADIUS OR
*HARDWARE WILL DETERMINE
THE RADIUS

2-5/8" (66.8)
RADIUS
RADIUS SHOULD MATCH
HINGE EDGE

BULL NOSE BOTH ENDS ("N" OR "T" EDGE ONLY)
REQUIRED WITH SOME DOUBLE ACTING HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

2-5/8" (66.8)
RADIUS

SQUARE

BULL NOSE BOTH ENDS ("N" OR "T" EDGE ONLY)
REQUIRED WITH DOUBLE ACTING HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

1/8" IN 2" BEVEL
(3.2) IN (50.8)

1/8" IN 2" BEVEL
(3.2) IN (50.8)

SPECIAL DOOR BEVEL
(DOUBLE BEVEL)

L

RECESSED HINGE EDGE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

FOR POCKET PIVOTS

RECESSED HINGE EDGE

SQUARE

FOR POCKET PIVOTS

847 - 857 - Security Door Bevels

2" DOOR

1/8" IN 2" BEVEL
(3.2) IN (50.8)

1/8" IN 2" BEVEL
(3.2) IN (50.8)

STANDARD DOOR BEVEL
(DOUBLE BEVEL)

SQUARE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

OPTIONAL DOOR BEVEL

SQUARE

SQUARE

OPTIONAL DOOR BEVEL
(NON-HANDED & HANDED) SLIDING DOORS

1/8" IN 2" BEVEL
(3.2) IN (50.8)
WITH 1/4" (6.4) RADIUS
LOW SIDE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

REQUIRED WITH ALL OFFSET PIVOT HARDWARE VERIFY ALL
HARDWARE ADAPTABILITY
OPTIONAL

Edge Seam Types "S" - "N" - "T"

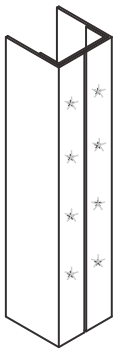
Door Technical Data

January, 2007

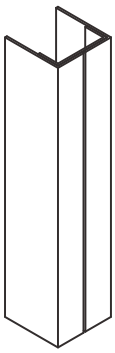
(L)

Visible Edge Seam Types “S”

1. Skins are spot welded to hinge and lock channels

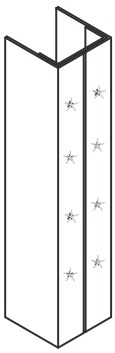


2. Spot welds are filled and ground smooth

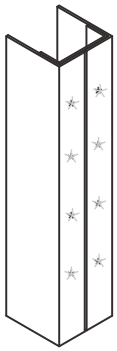


Filled Flush Edge Seam Type “N”

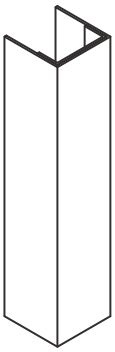
1. Skins are spot welded to hinge and lock channels



2. Spot weld seams at stress points and between each “S” weld location

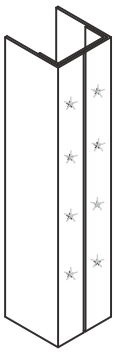


3. All welds and seams are filled and ground smooth

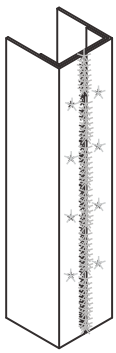


Flush Edge Seam Welded and Filled Type “T”

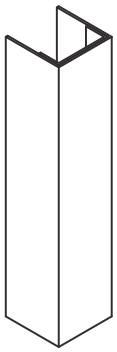
1. Skins are spot welded to hinge and lock channels



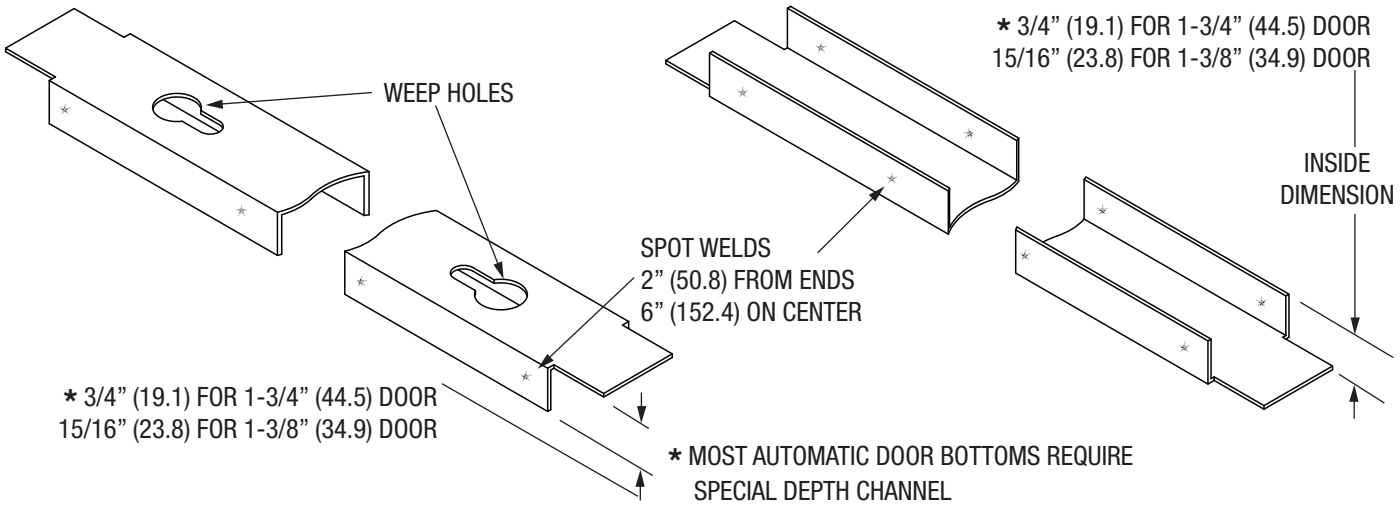
2. Continuously weld seam full height of edges



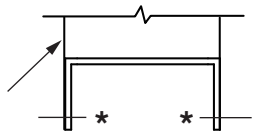
3. All welds and seams are filled and ground smooth



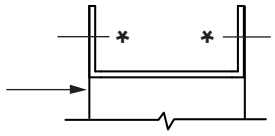
Standard Top/Bottom End Channels



BOTTOM CHANNEL
16 GA. (1.4)
DOOR SKIN

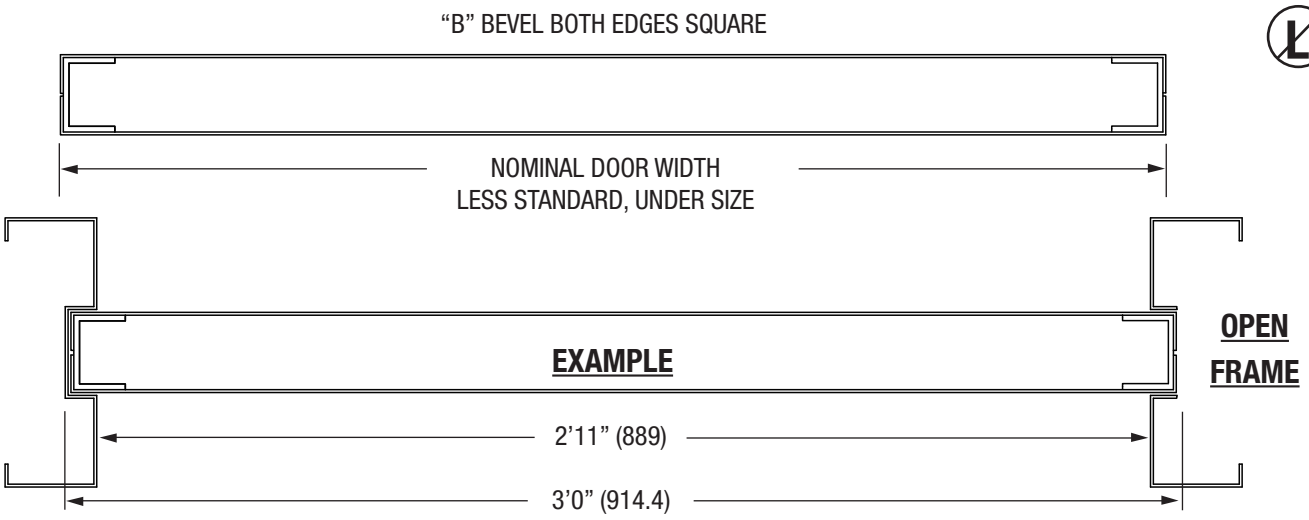


TOP CHANNEL
16 GA. (1.4)
DOOR SKIN

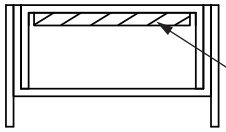


NOTE - CHANNEL GAUGE MAY VARY WITH DOOR SERIES

Pocket Door



TOP OF DOOR



NOMINAL 3'0" (914.4) POCKET DOOR AND FRAME HAS A NET 2'11" (889) FRAME OPENING.

12 GA. (2.6) STANDARD OR 7 GA. (4.5) REINFORCEMENT AVAILABLE INSTALLED FULL WIDTH OF DOOR TOP CAP.

VERIFY HARDWARE HANGER ADAPTABILITY TO REINFORCEMENT AND FRAME OPENING

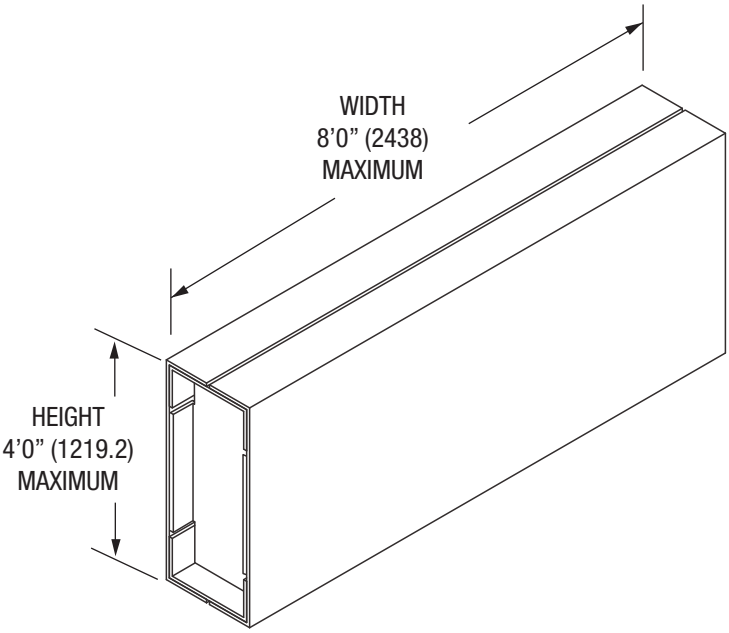
Hollow Metal Panels - Transom/Side Areas 1-3/4"

Door Technical Data

CURRIES
ASSA ABLOY

September, 2010

(L) LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4"(44.5) PANEL 707 OR 747 - 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL. SEE PAGE 134 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)

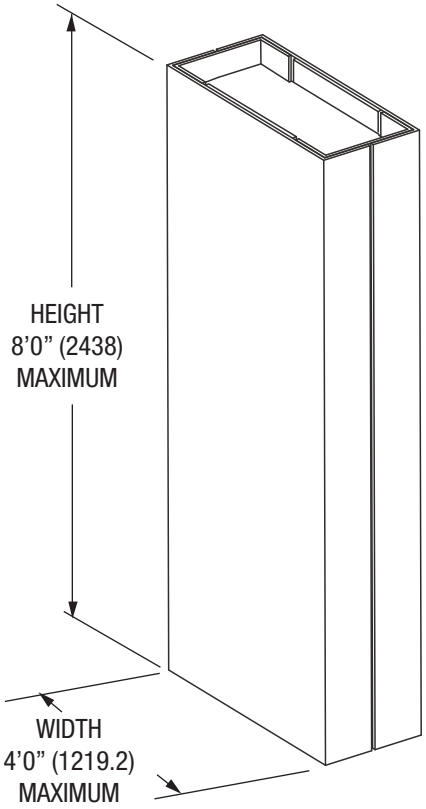
HORIZONTAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

SIDE PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4"(44.5) PANEL 707 OR 747 - 18, 16, OR 14 GA.



VERTICAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

NOTE: SEE PAGES 81 AND 82 IN LABEL SECTION FOR OVERSIZE TRANSOM PANEL CAPABILITIES. REFERENCE LABEL SECTION OF TECH DATA MANUAL FOR MAXIMUM SQUARE INCH SIZE REQUIREMENTS AND OTHER FIRE LABEL CAPABILITIES.

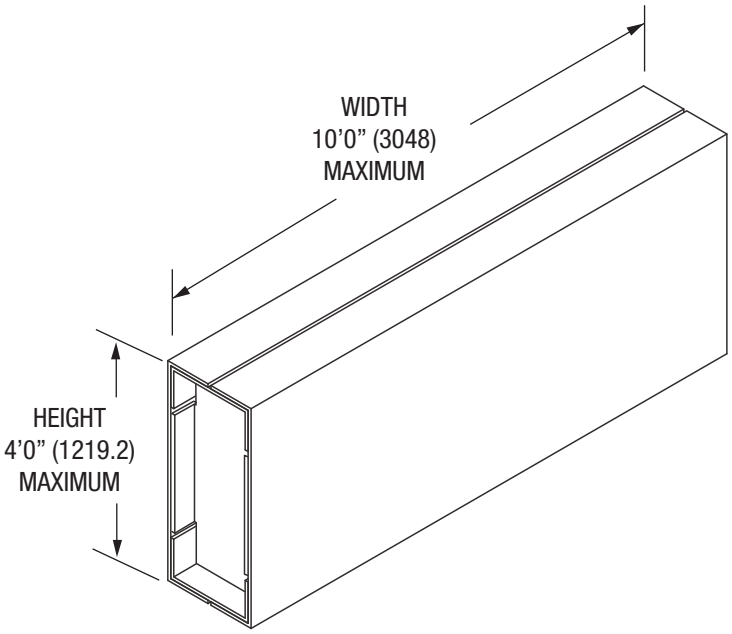
Hollow Metal Panels - Transom/Side Areas 1-3/4" and 1-3/8" Thick

Door Technical Data

September, 2010

Standard Top/Bottom End Channels

NON-LABELED



HORIZONTAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

SIDE PANELS AND DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4"(44.5) PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.
1-3/8" (34.9) PANEL 707 ONLY - 20, 18, 16, OR 14 GA.

VERTICAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

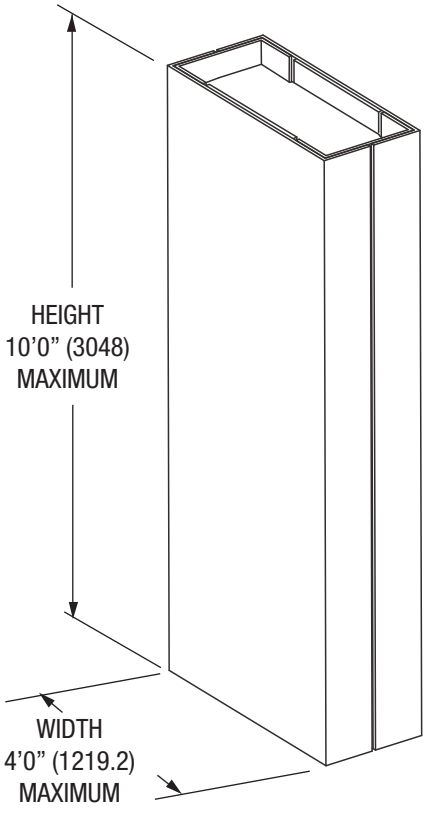
TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4"(44.5) PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.
1-3/8" (34.9) PANEL 707 ONLY - 20, 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL. SEE PAGE 134 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)



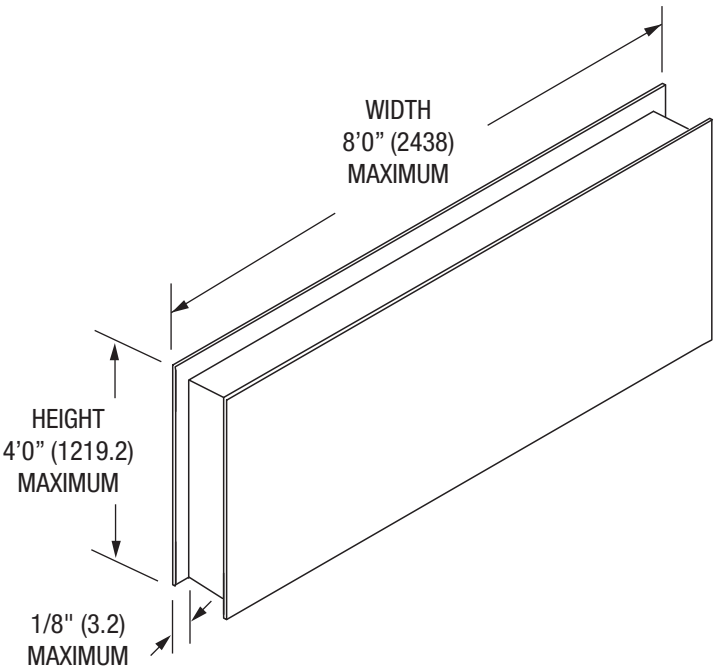
30B

Mineral Fibreboard Core Panel-Transom/Side Areas 1/2" Thick

Door Technical Data

September, 2010

Ⓛ LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1/2" (12.7) PANEL MINERAL FIBREBOARD CORE
20, 18, OR 16 GA. FACE SKINS

PANEL INSTALLATION OPTIONS:

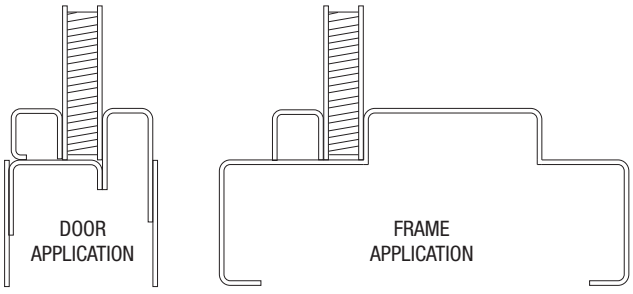
1. PANEL INSTALLED WITH GLASS STOP
2. PANEL INSTALLED INTO DOOR WINDOW KIT

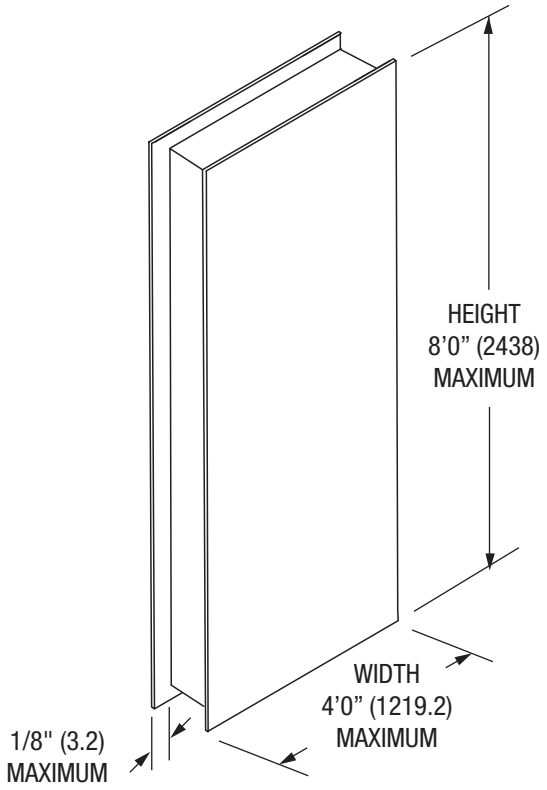
SIDE PANELS AND/OR DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1/2" (12.7) PANEL MINERAL FIBREBOARD CORE
20, 18, OR 16 GA. FACE SKINS

NOTE: REFERENCE LABEL SECTION OF TECH DATA MANUAL FOR MAXIMUM SQUARE INCH SIZE CAPABILITIES FOR DOORS AND FRAMES.



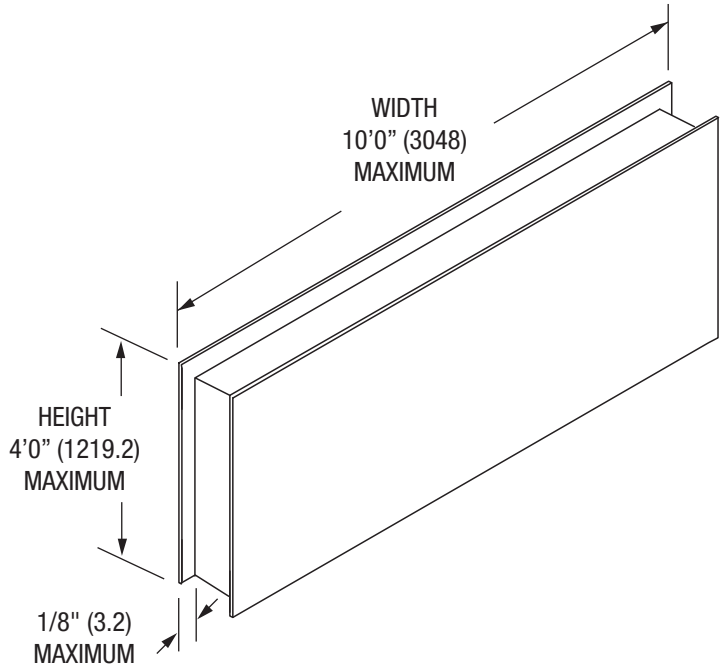


Composite Core Panels - Transom/Side Areas 3/8" to 1" Thick

Door Technical Data

January, 2011

NON-LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1"(25.4) PANEL COMPOSITE CORE
7/8" (22.2) PANEL COMPOSITE CORE
3/4" (19.1) PANEL COMPOSITE CORE
5/8" (15.9) PANEL COMPOSITE CORE
1/2" (12.7) PANEL COMPOSITE CORE
3/8" (9.5) PANEL COMPOSITE CORE

20, 18, 16, AND 14 GA. FACE SKINS

TRANSOM PANEL INSTALLATION OPTIONS:

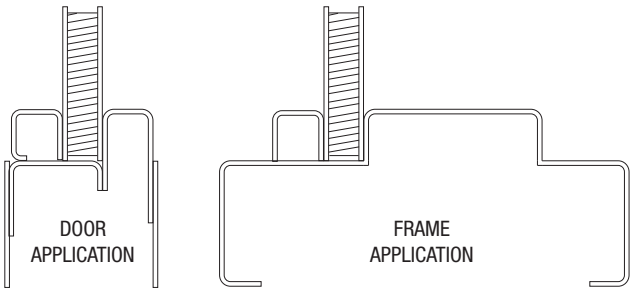
1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP

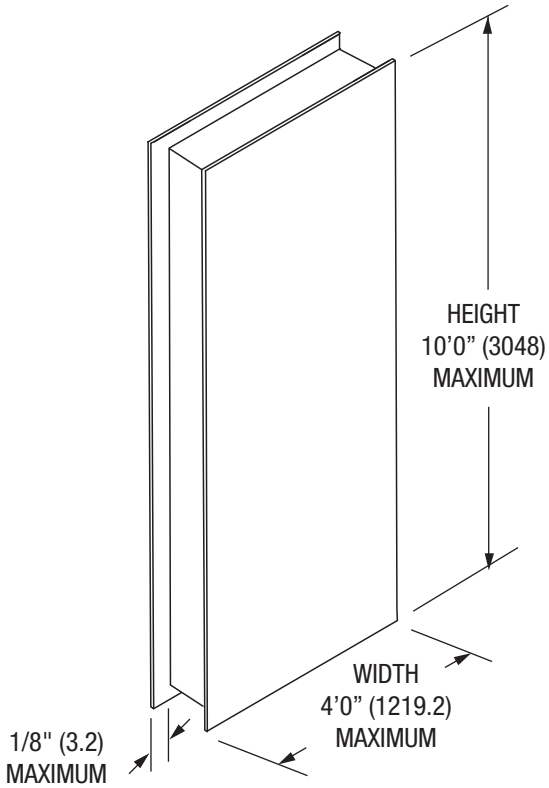
SIDE PANELS AND/OR DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1"(25.4) PANEL COMPOSITE CORE
7/8" (22.2) PANEL COMPOSITE CORE
3/4" (19.1) PANEL COMPOSITE CORE
5/8" (15.9) PANEL COMPOSITE CORE
1/2" (12.7) PANEL COMPOSITE CORE
3/8" (9.5) PANEL COMPOSITE CORE

20, 18, 16, AND 14 GA. FACE SKINS





CURRIES
ASSA ABLOY

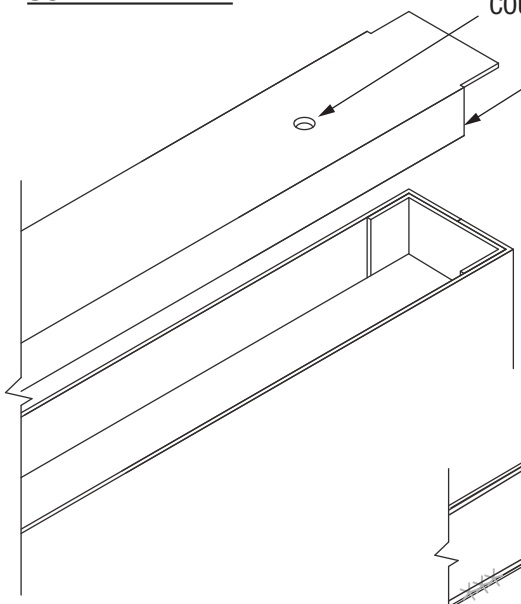
September, 2010

Steel Top/Bottom Filler Cap

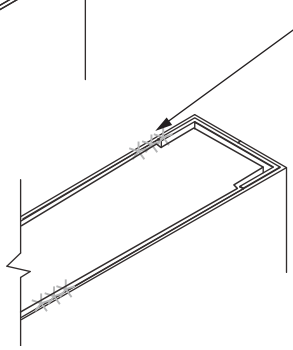
STANDARD 20 GA. (.9) GALVANEALED

L

SCREW APPLIED

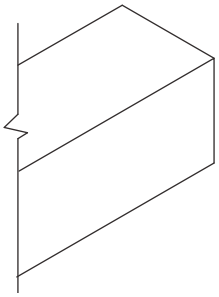


WELDED (OPTIONAL)



AVAILABLE FOR 1-3/4" (44.5) AND 1-3/8" (34.9) DOORS.

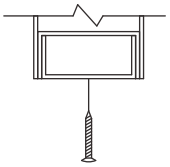
INSTALL CAP, WELD, GRIND, FILLED (OPTIONAL)



FILL AND FINISH SMOOTH

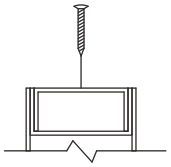
END VIEW

BOTTOM CAP



END VIEW

TOP CAP



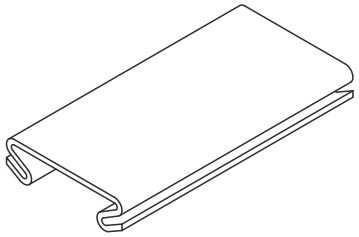
CAPS ARE RECESSED TO ALLOW FOR FILL AND FINISH

Snap-In Steel Top Cap

Door Technical Data

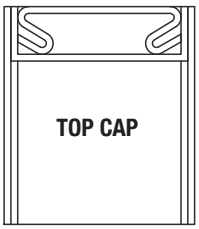
April, 2002

L

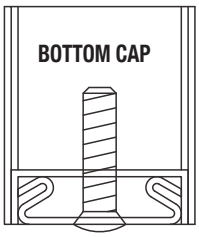


24 GA. (.6) GALVANEAL

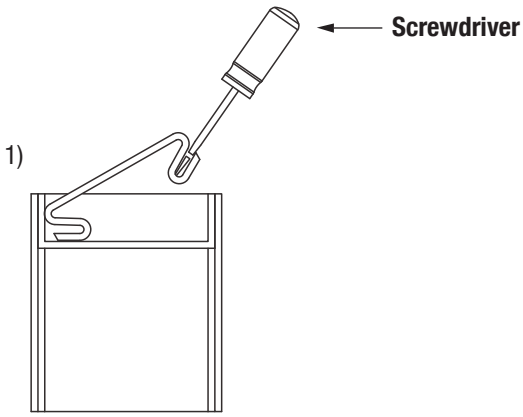
AVAILABLE FOR 1-3/4" (44.5) DOORS ONLY.
607 AND 707 SERIES WITH 14 GAUGE HINGE CHANNEL.

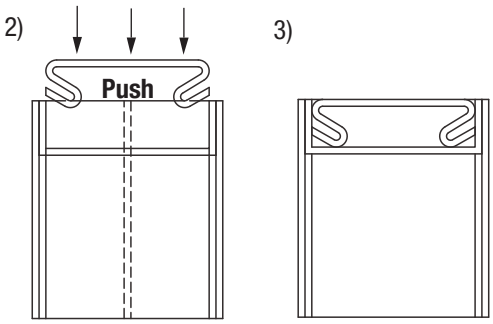


END VIEW



SCREW RECOMMENDED





INSTALLATION INSTRUCTIONS

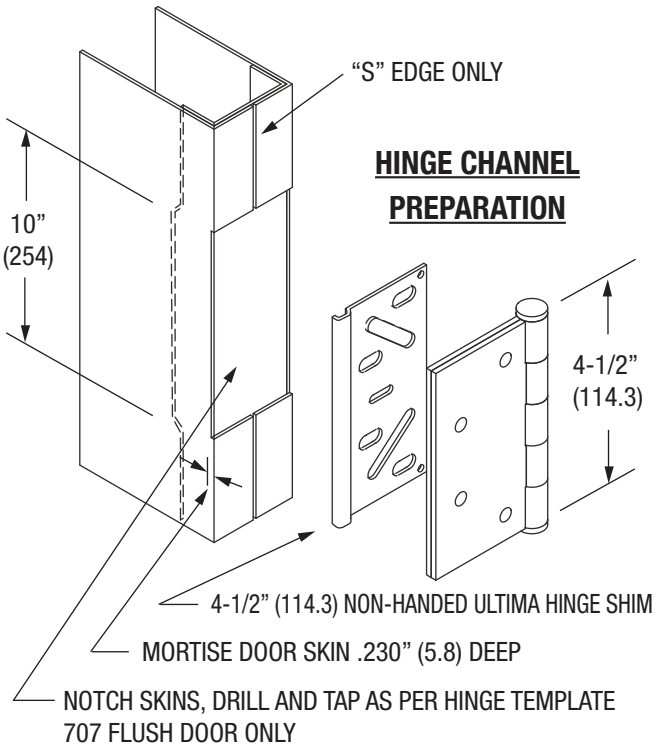
1) PLACE ONE LEG OF THE TOP CAP 1/8" INTO THE THROAT OF THE END CHANNEL. PLACE A STRAIGHT BLADE SCREW DRIVER IN THE BEND RADIUS AT ONE END OF THE TOP CAP AS SHOWN. USING A HAMMER TAP ON THE SCREW DRIVER TO START THE TOP CAP INTO THE THROAT OF THE END CHANNEL. PROCEED BY INCREMENTS FROM ONE END OF THE TOP CAP ACROSS TO THE OPPOSITE END. CARE SHOULD BE TAKEN NOT TO FORCE THE TOP CAP.

2) BOTH LEGS OF THE TOP CAP SHOULD BE COMPLETELY STARTED INTO THE THROAT OF THE END CHANNEL. THE TOP CAP CAN NOW BE PUSHED INTO THE END CHANNEL. A RUBBER HAMMER MAY BE NECESSARY TO SEAT THE TOP CAP COMPLETELY INTO THE END CHANNEL.

3) THE TOP CAP IS DESIGNED TO BE FLUSH TO SLIGHTLY BELOW THE LEGS OF THE END CHANNEL.

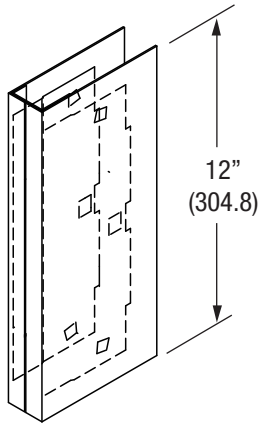
September, 2008

HINGE CHANNEL PREPARATION



G3ARO MORTISE LOCK REINFORCEMENT

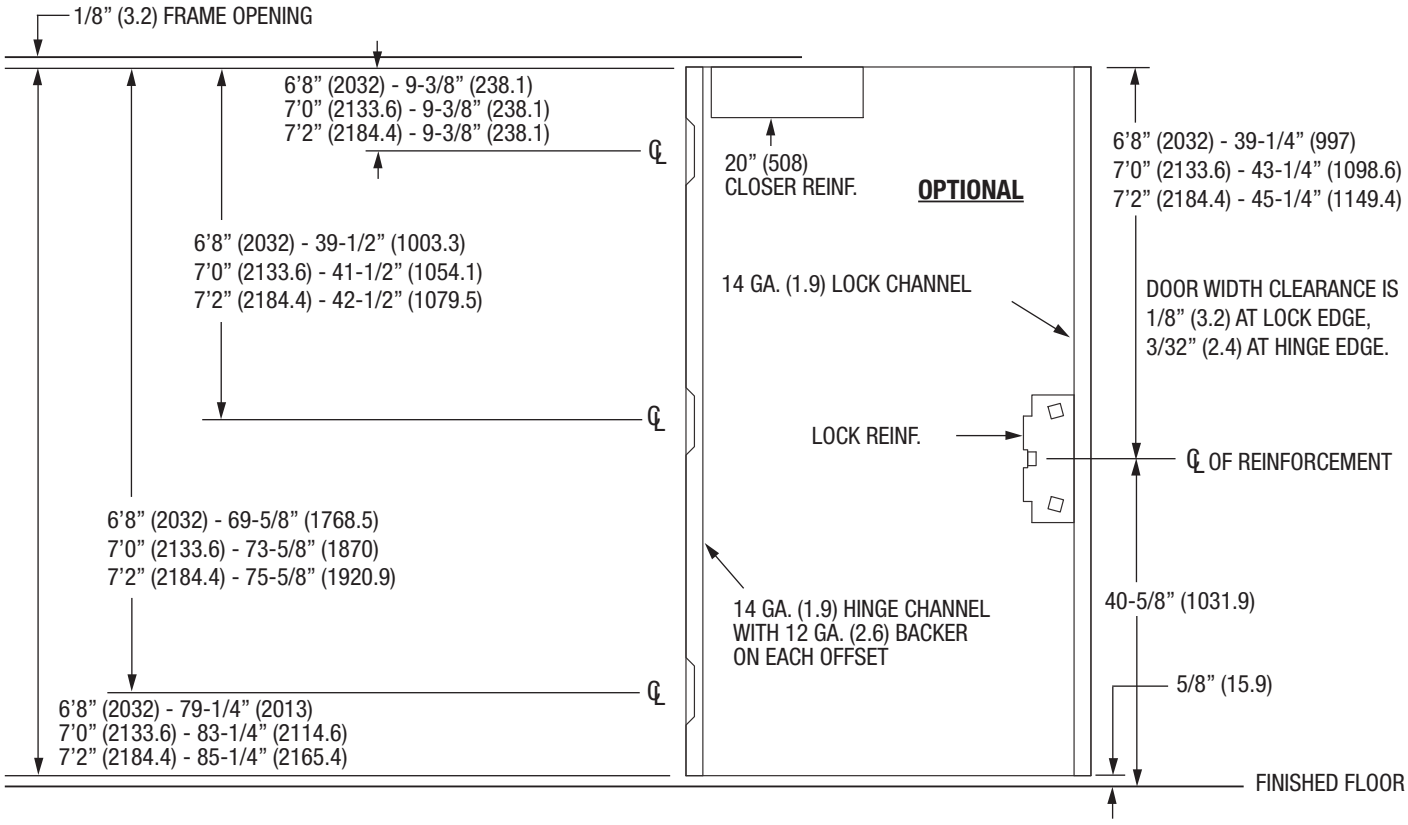
℄ OF MORTISE LOCK MAY VARY
2-1/2" (63.5)



L

HINGE RAIL OFFSET IS 10" LONG AT EACH LOCATION

6'10", 8'0", 10'0" DOOR HEIGHTS AVAILABLE.



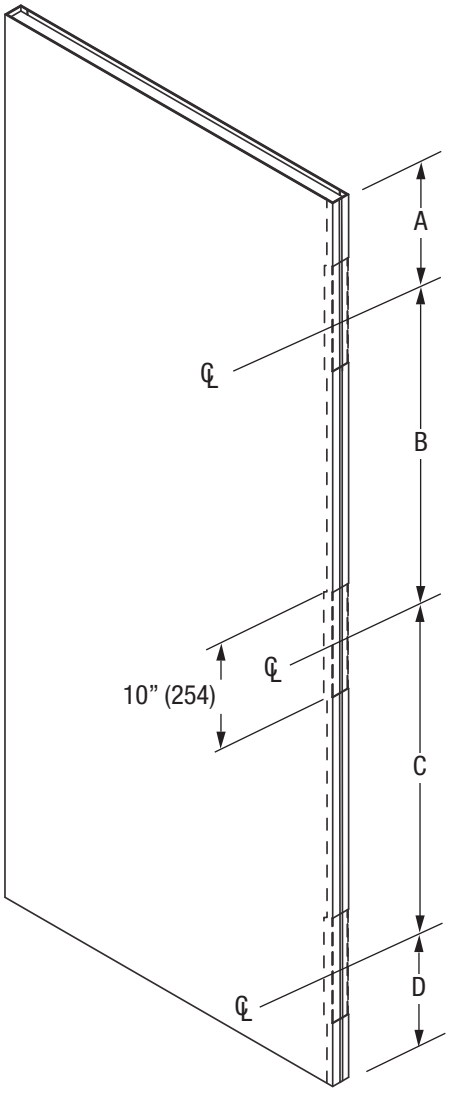
10" Blank Hinge Preparation

Door Technical Data

April, 2002

L

- CAN BE USED FOR ANY SDI MEMBER HINGE LOCATION FOR THE FOLLOWING DOOR HEIGHTS: 6'8", 7'0", 7'2", 8'0", 10'0".
- "A" AND "B" BEVEL EDGES.
- AVAILABLE ON 707, E6, AND 747 DOORS.
- STANDARD REINFORCEMENTS, LOCKS, OR STRIKES FOR APPLICABLE DOOR SERIES.
- .230" DEEP OFFSET; 4-1/2" ULTIMA HINGE SHIM MUST BE ORDERED SEPARATELY FOR STANDARD AND HEAVYWEIGHT HINGES.
- 3 AND 4 HINGE LOCATIONS AVAILABLE.
- 12 OR 14 GA. HINGE CHANNEL AVAILABLE.



LOCATION OF HINGE PREPARATIONS

DOOR HEIGHT	A	B	C	D	E *
6'8" (2032)	9-3/8" (238)	30-1/8" (765.2)	30-1/8" (765.2)	9-5/8" (244.5)	—
7'0" (2134)	9-3/8" (238)	32-1/8" (816)	32-1/8" (816)	9-5/8" (244.5)	—
7'2" (2184)	9-3/8" (238)	33-1/8" (841.4)	33-1/8" (841.4)	9-5/8" (244.5)	—
8'0" (2438)	9-3/8" (238)	25-1/4" (641.4)	25-1/4" (641.4)	25-1/4" (641.4)	10-1/8" (257.2)
10'0" (3048)	9-3/8" (238)	33-1/4" (845)	33-1/4" (845)	33-1/4" (845)	10-1/8" (257.2)

* LOCATION OF 4TH HINGE FOR 8'0" AND 10'0" DOOR

CURRIES
ASSA ABLOY

Standard Locations For 1-3/8" Doors

Door Technical Data

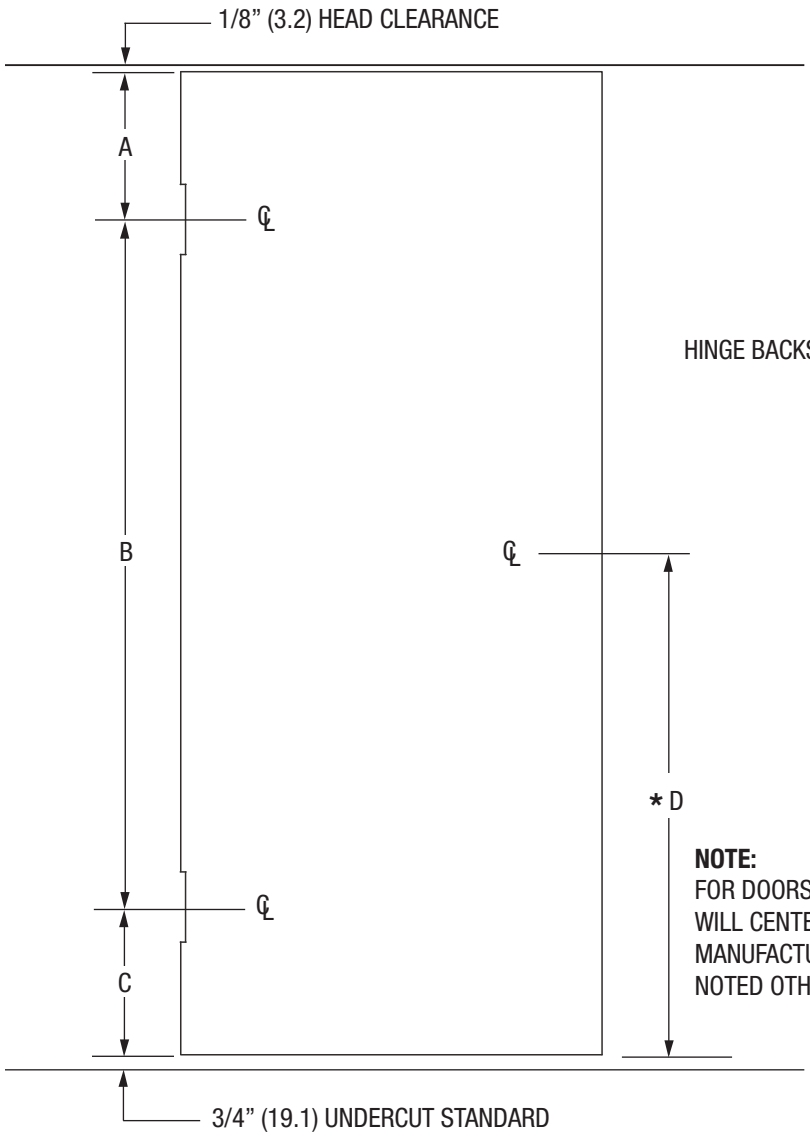
September, 2013

SIZE	A	B	C	D
6'8" (2032)	9-5/8" (244.5)	59-7/8" (1520.8)	9-5/8" (244.5)	39-9/16" (1004.9)
7'0" (2133.6)	9-5/8" (244.5)	63-7/8" (1622.4)	9-5/8" (244.5)	39-9/16" (1004.9)
7'2" (2184.4)	9-5/8" (244.5)	65-7/8" (1673.2)	9-5/8" (244.5)	39-9/16" (1004.9)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

* DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)

TWO HINGES



NOTE:
FOR DOORS UNDER 60" TALL WE WILL CENTER THE LOCK FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

Standard Locations For 1-3/8" Doors

Door Technical Data

September, 2013

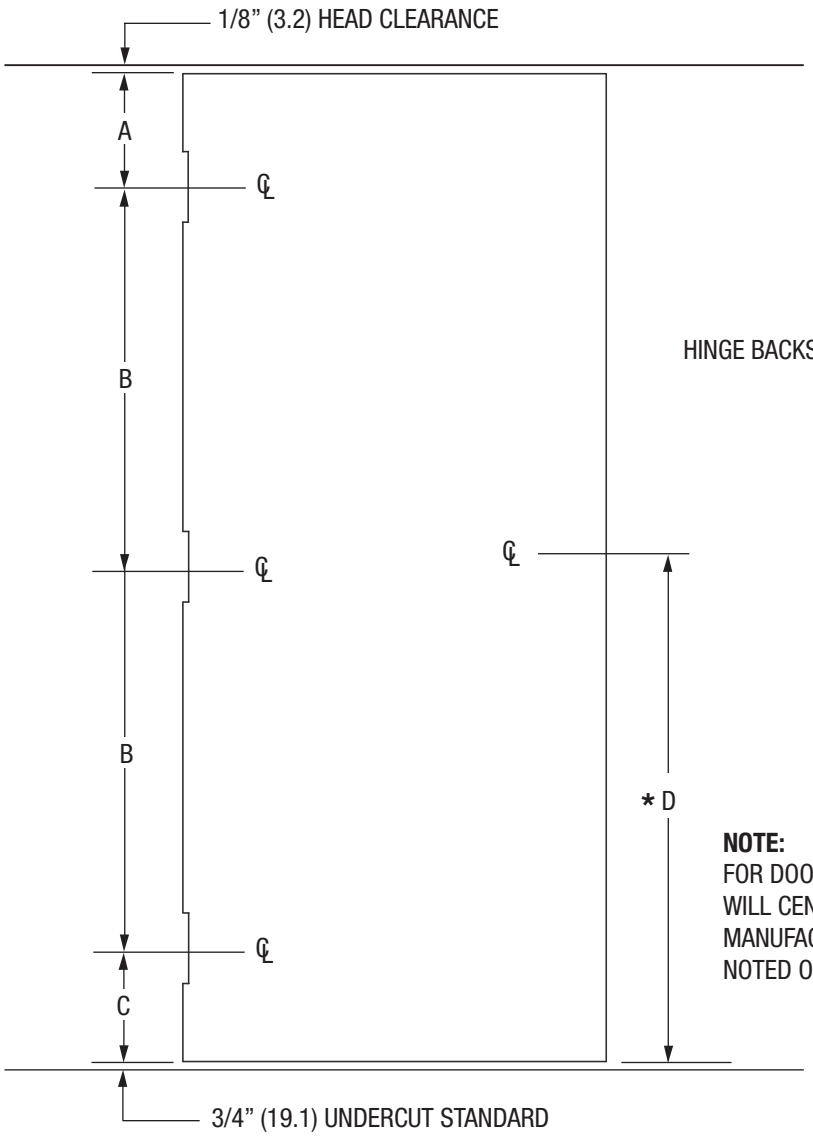
L

SIZE	A	B	C	D
6'8" (2032)	9-5/8" (244.5)	29-15/16" (760.4)	9-5/8" (244.5)	39-9/16" (1004.9)
7'0" (2133.6)	9-5/8" (244.5)	31-15/16" (811.2)	9-5/8" (244.5)	39-9/16" (1004.9)
7'2" (2184.4)	9-5/8" (244.5)	32-15/16" (836.6)	9-5/8" (244.5)	39-9/16" (1004.9)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

* DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)

THREE HINGES

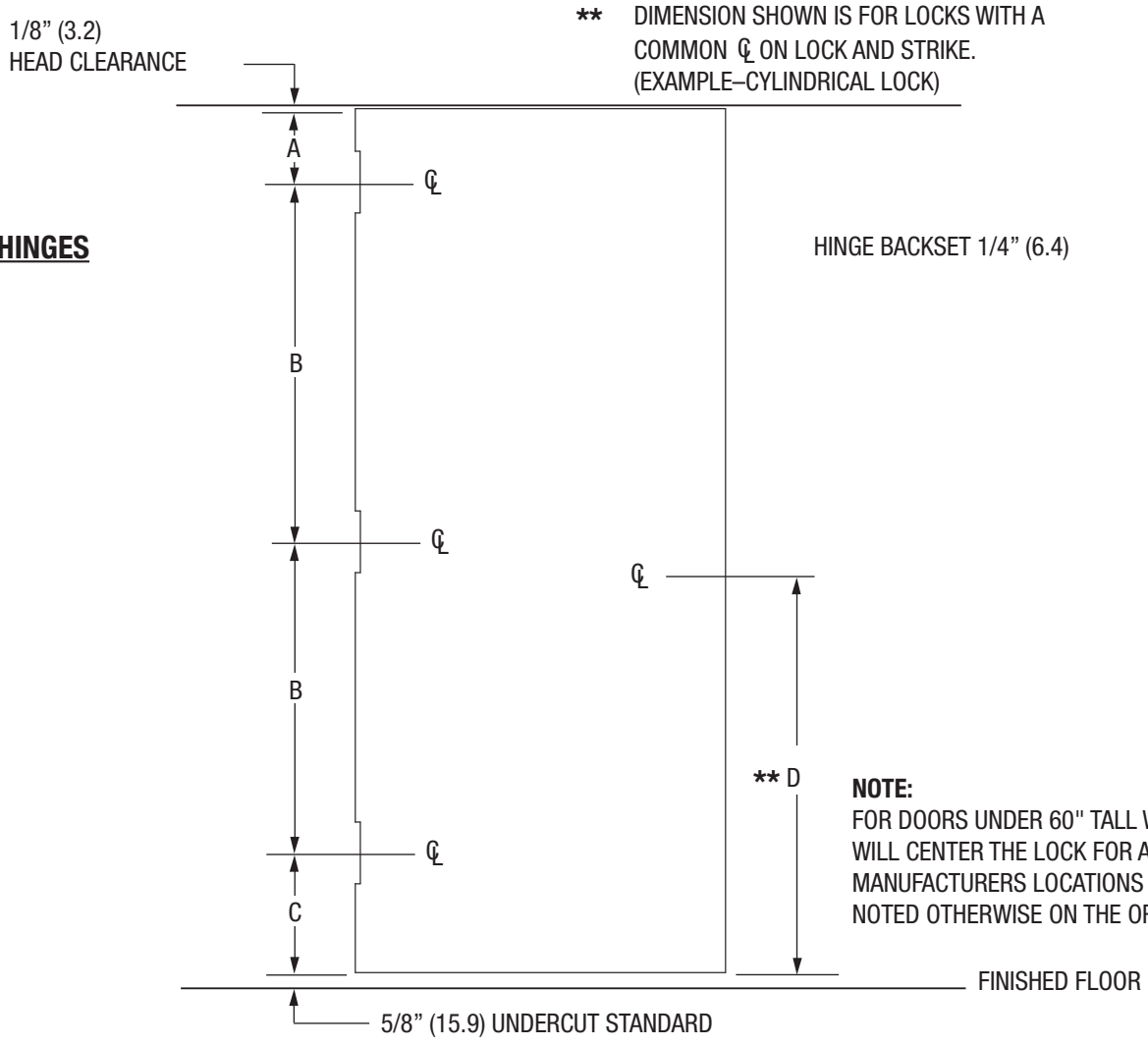


NOTE:
FOR DOORS UNDER 60" TALL WE WILL CENTER THE LOCK FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

	SIZE	A	B	C	D
	6'8" (2032)	7-1/8" (181)	30-1/4" (768.4)	11-5/8" (295.3)	39-3/8" (1000.1)
	6'10" (2082.8)	7-1/8" (181)	31-1/4" (793.8)	11-5/8" (295.3)	39-3/8" (1000.1)
	7'0" (2133.6)	7-1/8" (181)	32-1/4" (819.2)	11-5/8" (295.3)	39-3/8" (1000.1)
	7'2" (2184.4)	7-1/8" (181)	33-1/4" (844.6)	11-5/8" (295.3)	39-3/8" (1000.1)
	7'4" (2235.2)	7-1/8" (181)	34-1/4" (870)	11-5/8" (295.3)	39-3/8" (1000.1)
	7'6" (2286)	7-1/8" (181)	35-1/4" (895.4)	11-5/8" (295.3)	39-3/8" (1000.1)
L	7'8" (2336.8)	7-1/8" (181)	36-1/4" (920.8)	11-5/8" (295.3)	39-3/8" (1000.1)
L	7'10" (2387.6)	7-1/8" (181)	37-1/4" (946.2)	11-5/8" (295.3)	39-3/8" (1000.1)
L	8'0" (2438.4)	7-1/8" (181)	38-1/4" (971.6)	11-5/8" (295.3)	39-3/8" (1000.1)
L	9'0" (2743.2)	7-1/8" (181)	44-1/4" (1124)	11-5/8" (295.3)	39-3/8" (1000.1)
L	10'0" (3048)	7-1/8" (181)	50-1/4" (1276.4)	11-5/8" (295.3)	39-3/8" (1000.1)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

THREE HINGES



Standard Locations For 1-3/4" Doors

Door Technical Data

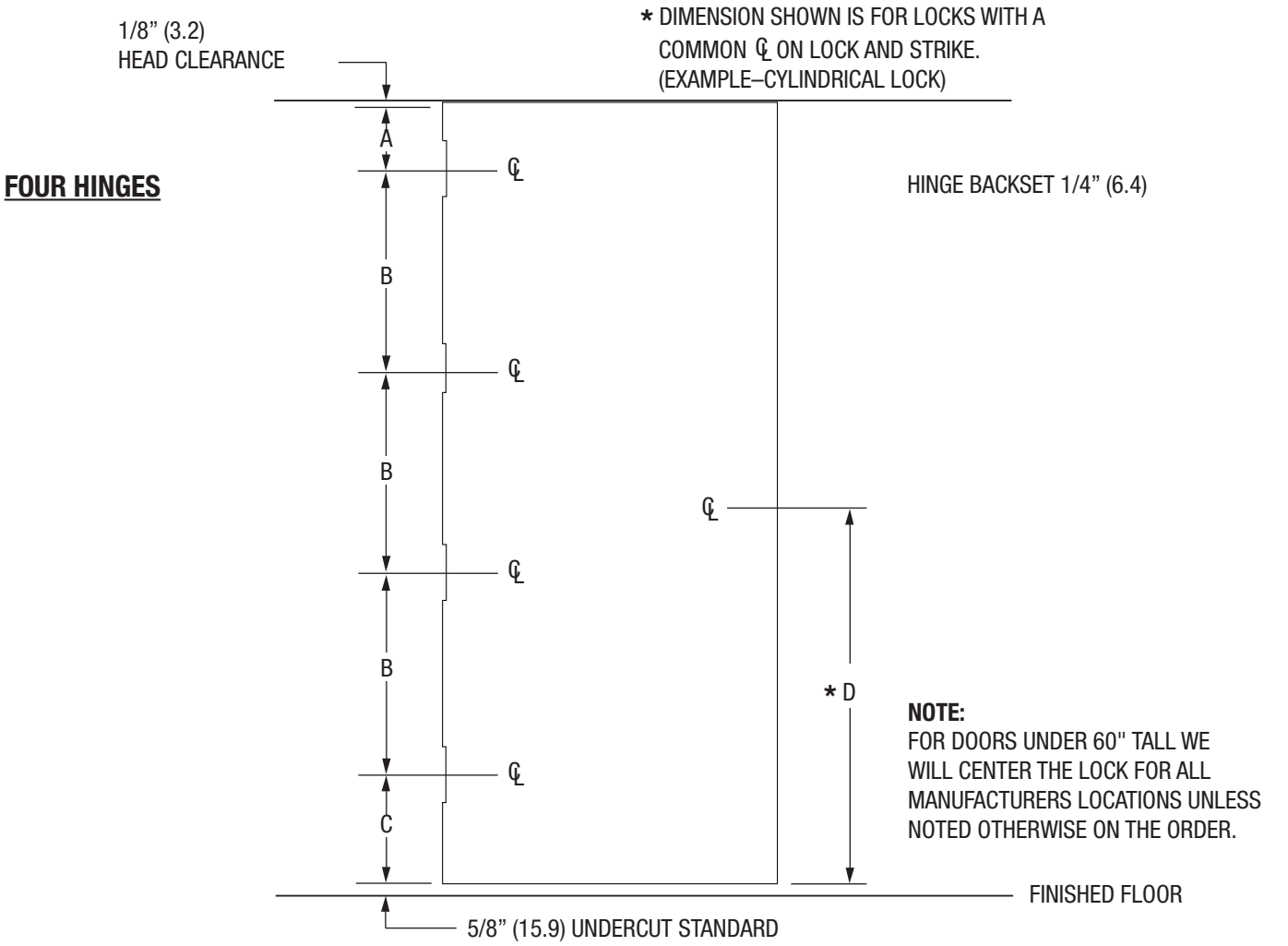
September, 2013

L

SIZE	A	B	C	D
6'8" (2032)	7-1/8" (181)	20-1/8" (511.2)	11-3/4" (298.5)	39-3/8" (1000.1)
6'10" (2082.8)	7-1/8" (181)	20-7/8" (530.2)	11-1/2" (292.1)	39-3/8" (1000.1)
7'0" (2133.6)	7-1/8" (181)	21-1/2" (546.1)	11-5/8" (295.3)	39-3/8" (1000.1)
7'2" (2184.4)	7-1/8" (181)	22-1/8" (562)	11-3/4" (298.5)	39-3/8" (1000.1)
7'4" (2235.2)	7-1/8" (181)	22-7/8" (581)	11-1/2" (292.1)	39-3/8" (1000.1)
7'6" (2286)	7-1/8" (181)	23-1/2" (597)	11-5/8" (295.3)	39-3/8" (1000.1)
7'8" (2336.8)	7-1/8" (181)	24-1/8" (612.8)	11-3/4" (298.5)	39-3/8" (1000.1)
7'10" (2387.6)	7-1/8" (181)	24-7/8" (631.8)	11-1/2" (292.1)	39-3/8" (1000.1)
8'0" (2438.4)	7-1/8" (181)	25-1/2" (647.7)	11-5/8" (295.3)	39-3/8" (1000.1)
9'0" (2743.2)	7-1/8" (181)	29-1/2" (749.3)	11-5/8" (295.3)	39-3/8" (1000.1)
10'0" (3048)	7-1/8" (181)	33-1/2" (850.9)	11-5/8" (295.3)	39-3/8" (1000.1)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

FOUR HINGES



CURRIES
ASSA ABLOY

Standard Locations For 1-3/4" Dutch Doors

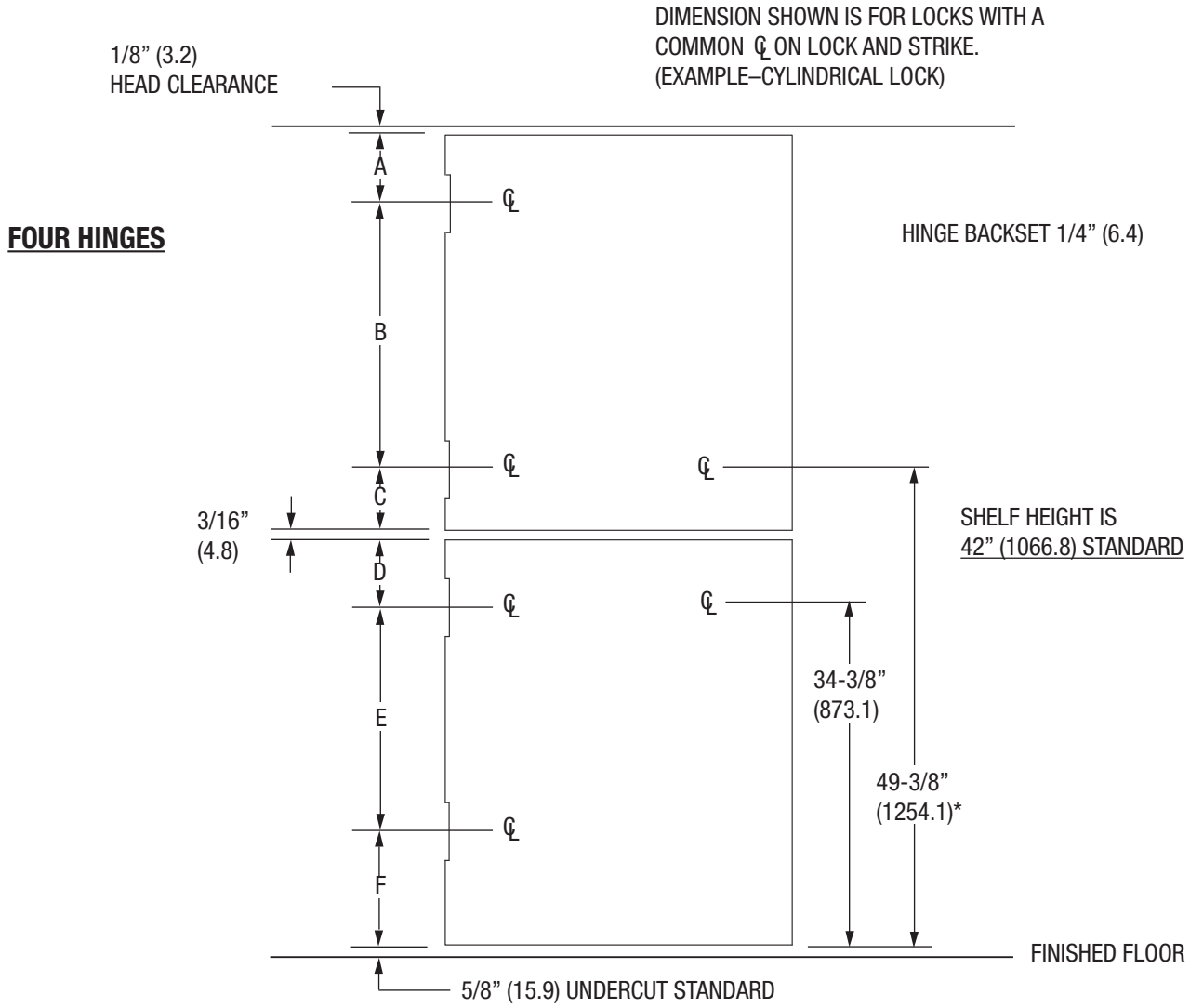
Door Technical Data

November, 2004

Ⓛ

SIZE	A	B	C	D	E	F
6'8" (2032)	7-1/8" (181)	24-1/4" (616)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
6'10" (2082.8)	7-1/8" (181)	26-1/4" (666.8)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'0" (2133.6)	7-1/8" (181)	28-1/4" (717.6)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'2" (2184.4)	7-1/8" (181)	30-1/4" (768.4)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
Ⓛ 7'4" (2235.2)	7-1/8" (181)	29-1/4" (743)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
Ⓛ 7'6" (2286)	7-1/8" (181)	31-1/4" (793.8)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
Ⓛ 7'8" (2336.8)	7-1/8" (181)	33-1/4" (844.6)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
Ⓛ 7'10" (2387.6)	7-1/8" (181)	35-1/4" (895.4)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
Ⓛ 8'0" (2438.4)	7-1/8" (181)	37-1/4" (946.2)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

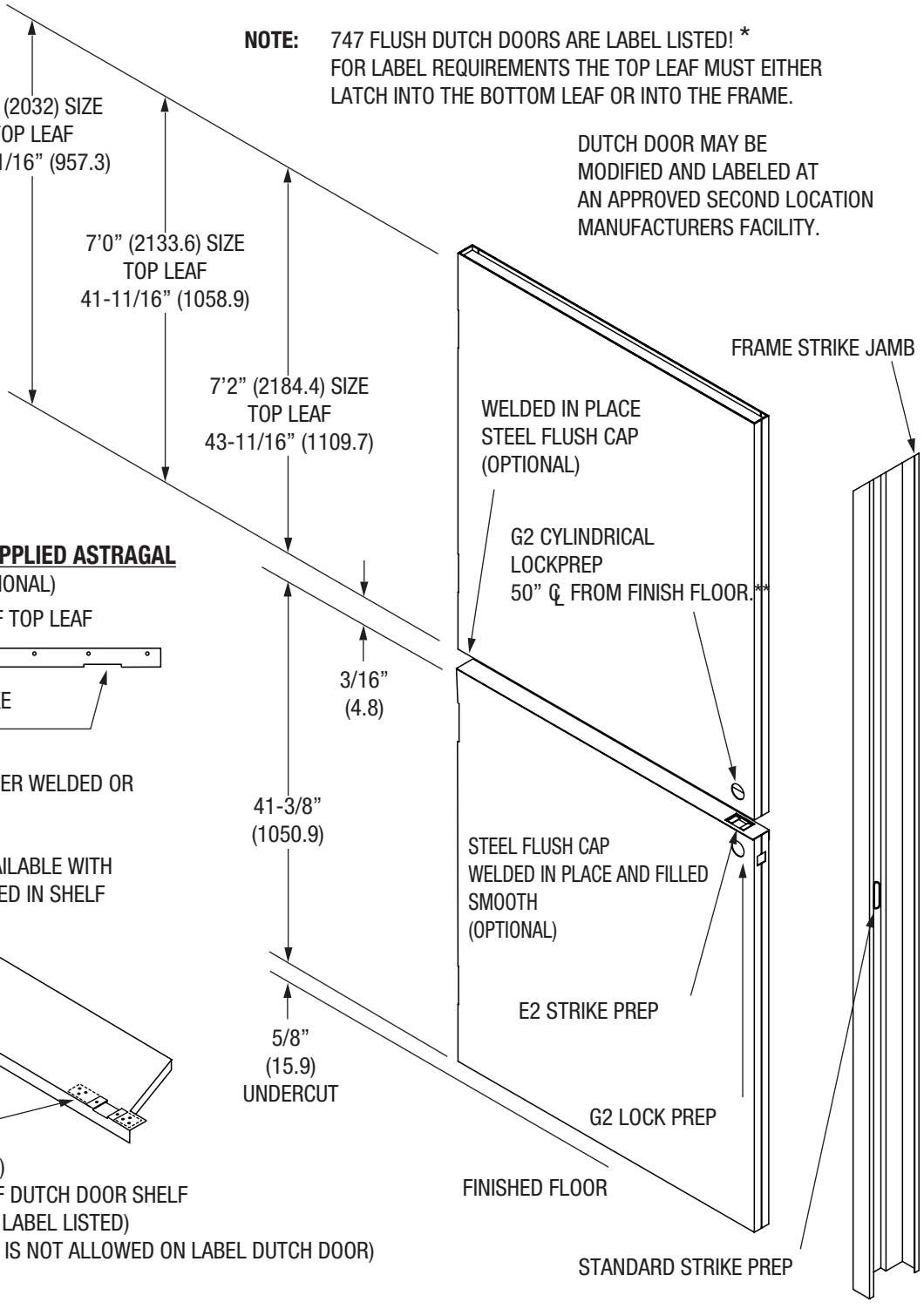


* PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED.
48" ℄ IS NOT PRACTICAL WITH SOME DEADLOCKS.

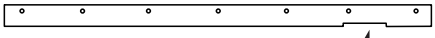
July, 2015

NOTE: 747 FLUSH DUTCH DOORS ARE LABEL LISTED! *
FOR LABEL REQUIREMENTS THE TOP LEAF MUST EITHER
LATCH INTO THE BOTTOM LEAF OR INTO THE FRAME.

DUTCH DOOR MAY BE
MODIFIED AND LABELED AT
AN APPROVED SECOND LOCATION
MANUFACTURERS FACILITY.



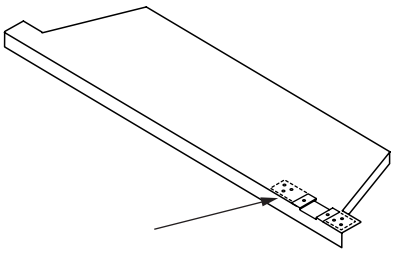
FLAT SURFACE APPLIED ASTRAGAL
(OPTIONAL)
APPLIED TO BOTTOM OF TOP LEAF



NOTCHED FOR E2 STRIKE
LIP IF REQUIRED

ASTRAGAL MAY BE EITHER WELDED OR
SCREW APPLIED

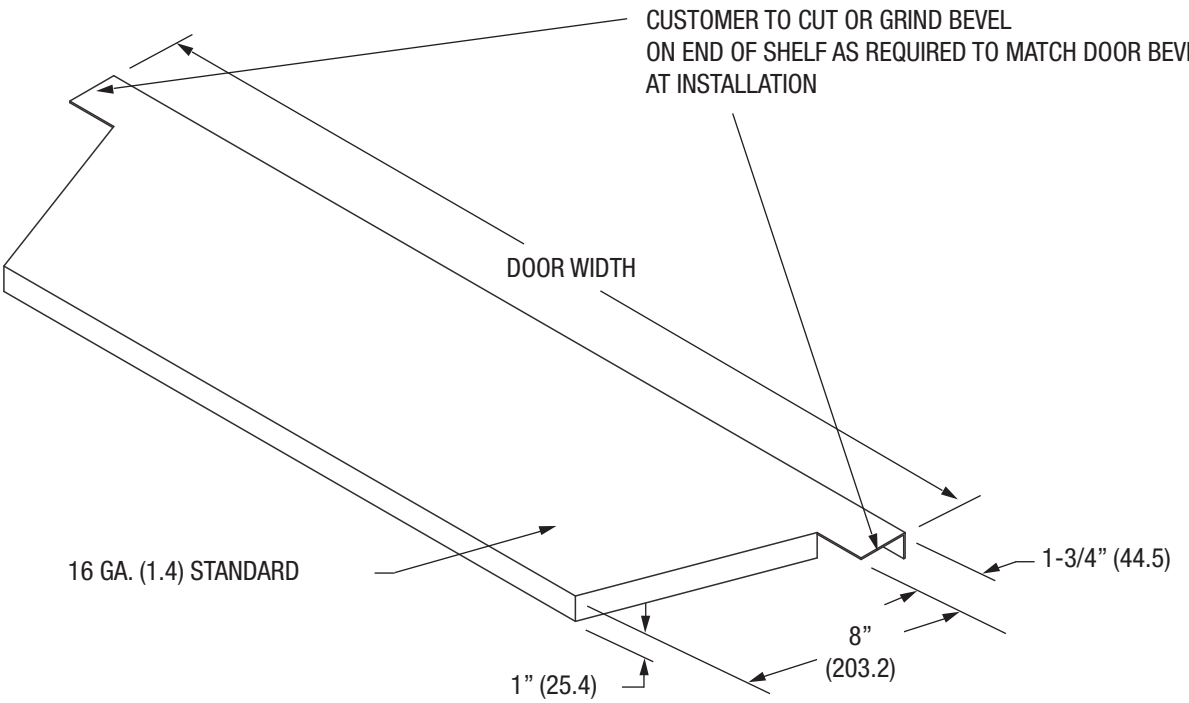
DUTCH HALF SHELF AVAILABLE WITH
E2 STRIKE PREP PUNCHED IN SHELF



OPTIONAL: (SHIP LOOSE)
E2 STRIKE PREP IN HALF DUTCH DOOR SHELF
(DUTCH DOOR SHELF IS LABEL LISTED)
(STRIKE IN DOOR SHELF IS NOT ALLOWED ON LABEL DUTCH DOOR)

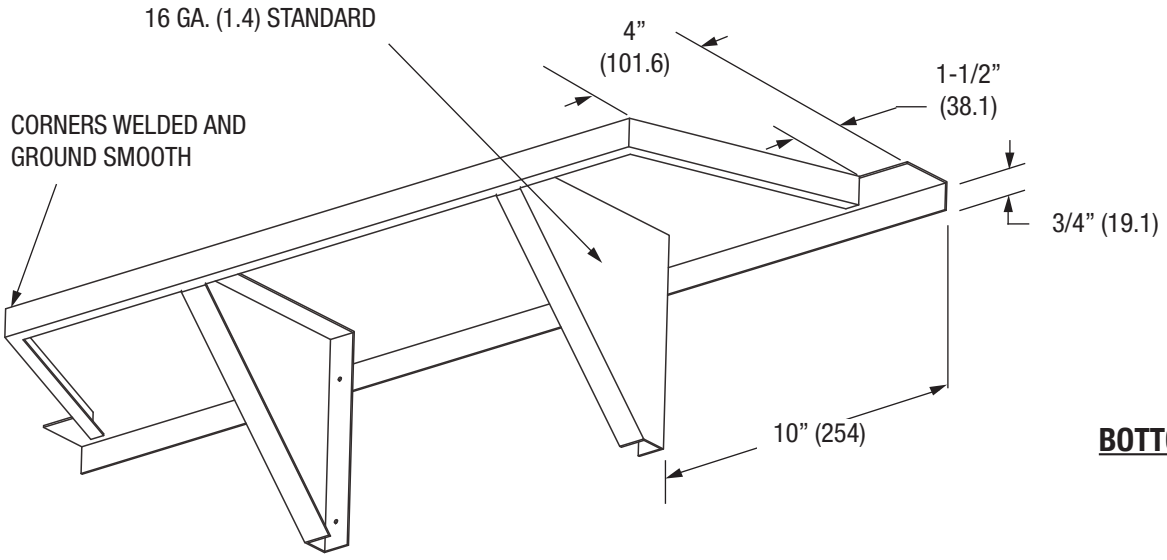
3'6" (1067) X 7'2" (2184.4) 15 MAX. LABEL SIZES FOR 747, 18 OR 16 GAUGE.
** PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48" ℄ IS NOT PRACTICAL WITH SOME DEADLOCKS.

L



TOP VIEW

NOTE: DOORS 3'4" (1016) AND WIDER
ADD A THIRD BRACKET LOCATED MIDWAY BETWEEN TWO SHOWN



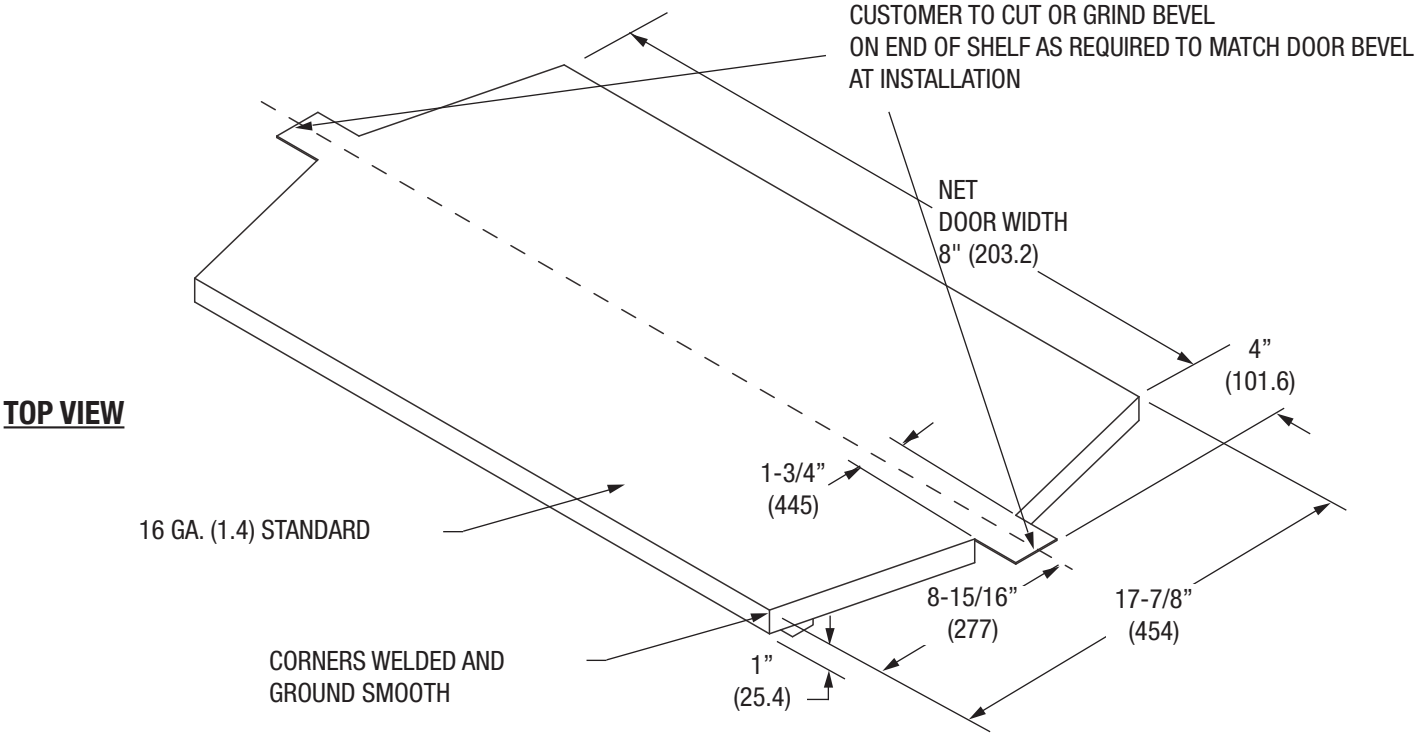
BOTTOM VIEW

Dutch Door Double Shelf

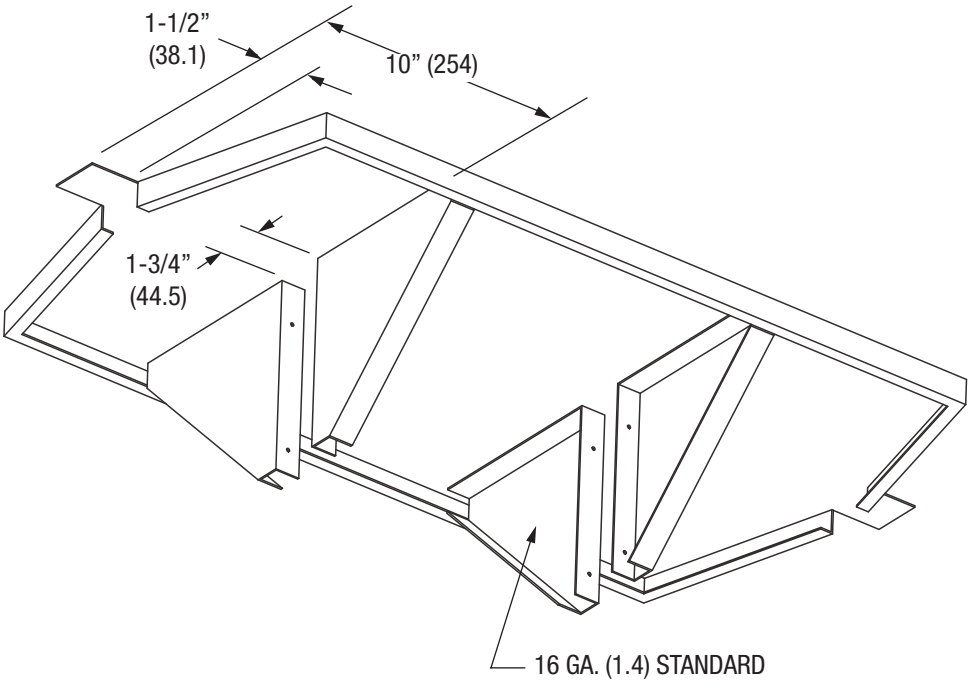
Door Technical Data

CURRIES
ASSA ABLOY

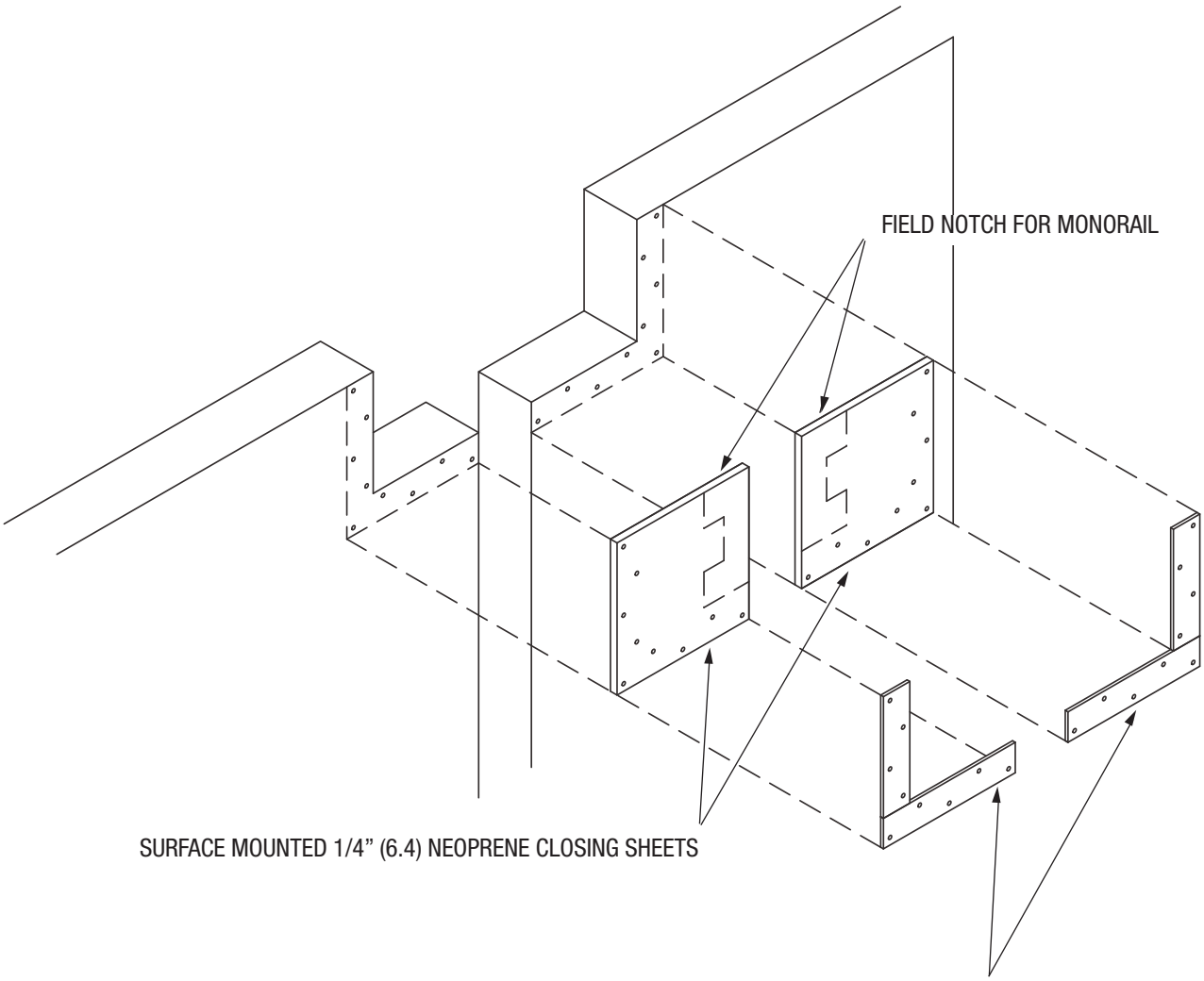
April, 2002



TOP VIEW



BOTTOM VIEW

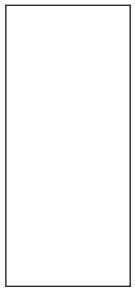


NEOPRENE SHEETS AND ASTRAGAL PLATES ATTACHED TO DOOR WITH SCREWS IN A STAGGERED PATTERN.

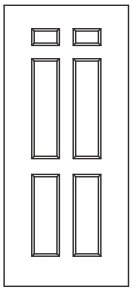
Door Types

Door Technical Data

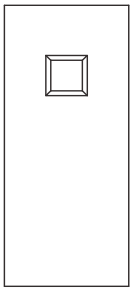
June, 2008



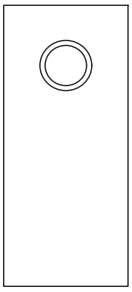
CURRIES-F
SDI-F



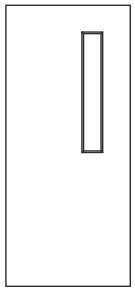
E6 *
PANEL DOOR



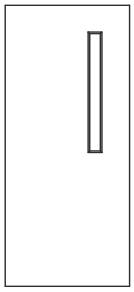
FV
V



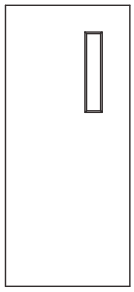
FRV



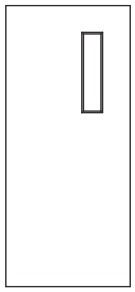
FNV
N



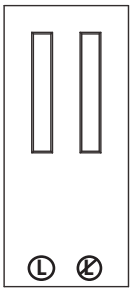
FNV4



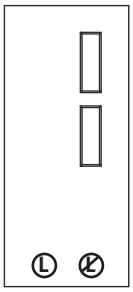
FNV5



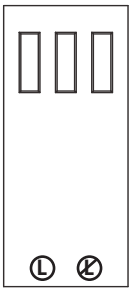
FNV6



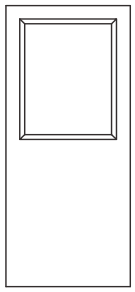
2FNV



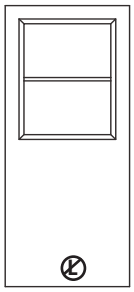
2FNV



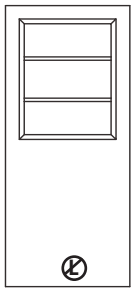
3FNV



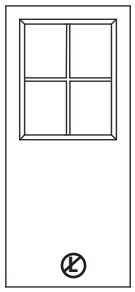
HG
G



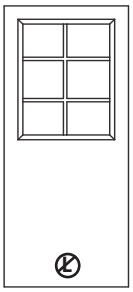
HG2
G2



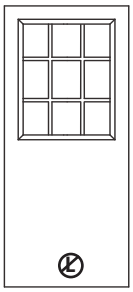
HG3
G3



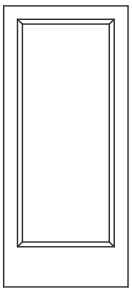
HG4
G4



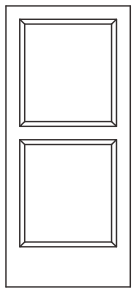
HG6
G6



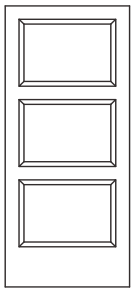
HG9



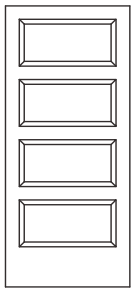
FG
FG



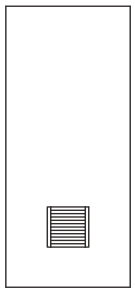
FG2



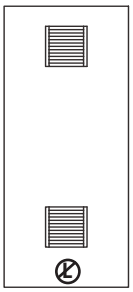
FG3
FG3



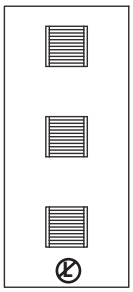
FG4



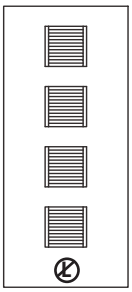
FL
L



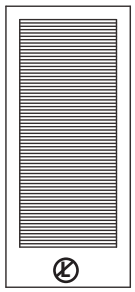
F2L
LL



F3L



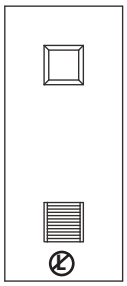
F4L



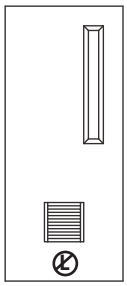
FGL

NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE
* SEE EMBOSSED DOOR SECTION FOR MORE FACE TYPE DETAILS.

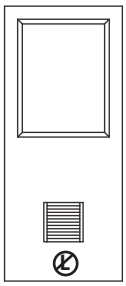
L



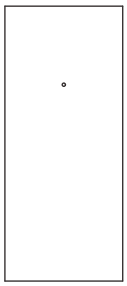
CURRIES-FVL
SDI-VL



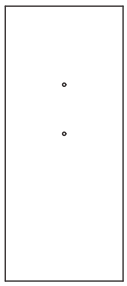
FNVL
NL



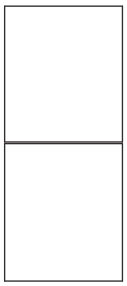
HGL
GL



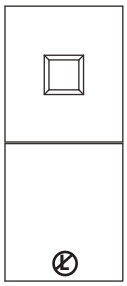
FP



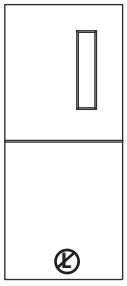
F2P



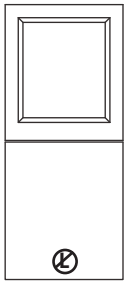
FD
D



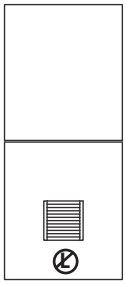
FDFV



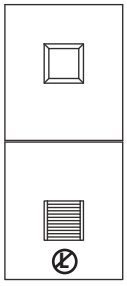
FDFNV



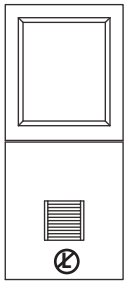
FDHG



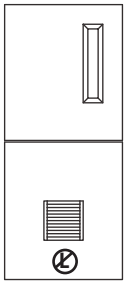
FDL



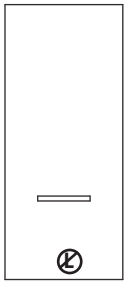
FDFVL



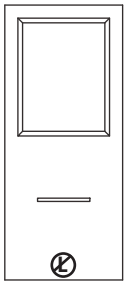
FDHGL



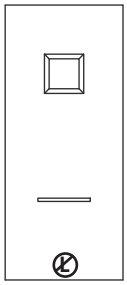
FDFNVL



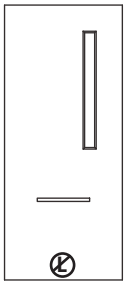
FMS



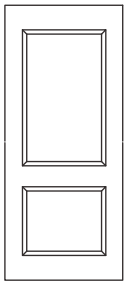
HGMS



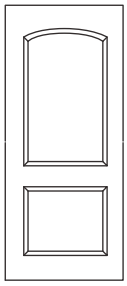
FVMS



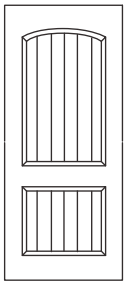
FNVMS



2P



2PA



2PAP

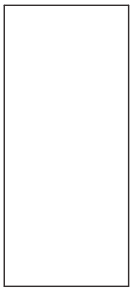
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

847 Door Face Types

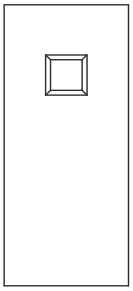
Door Technical Data

April, 2002

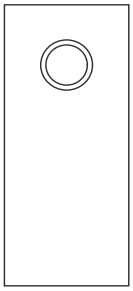
L



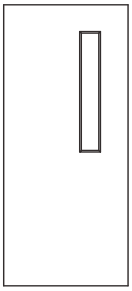
CURRIES-F
SDI-F



FV
V



FRV



FNV
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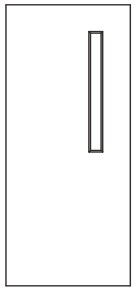
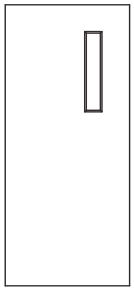
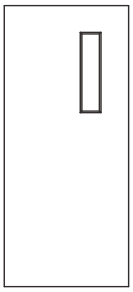


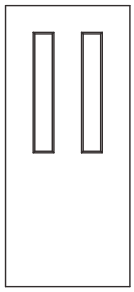
FNV4



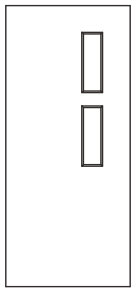
FNV5



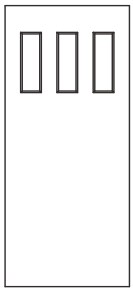
FNV6



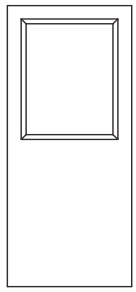
2FNV



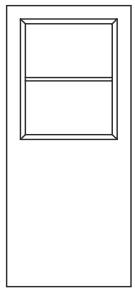
2FNV



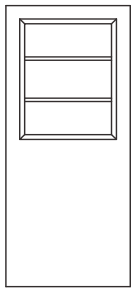
3FNV



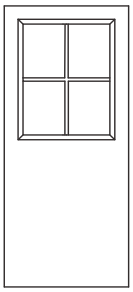
HG
G



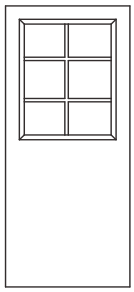
HG2
G2



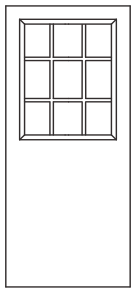
HG3
G3



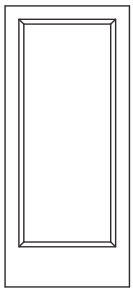
HG4
G4



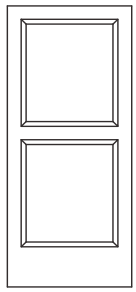
HG6
G6



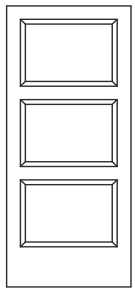
HG9



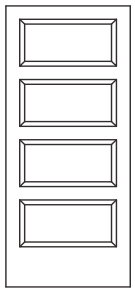
FG
FG



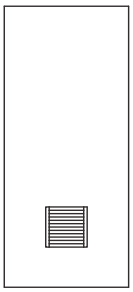
FG2



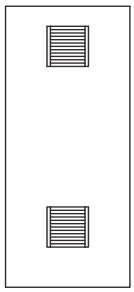
FG3
FG3



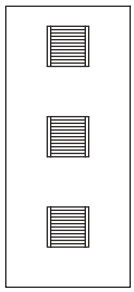
FG4



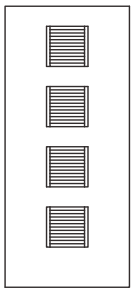
FL
L



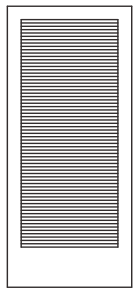
F2L
LL



F3L



F4L



FGL

NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

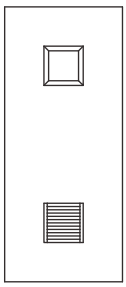
CURRIES
ASSA ABLOY

847 & 857 Door Face Types

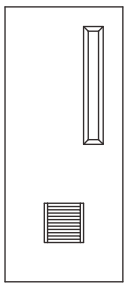
Door Technical Data

April, 2002

L



CURRIES-FVL
SDI-VL



FNVL
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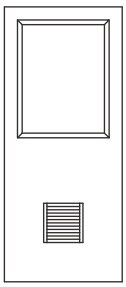
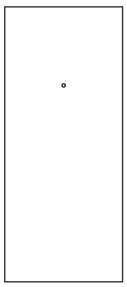


HGL
GL



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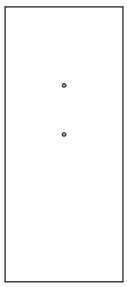

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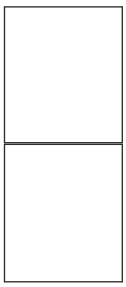

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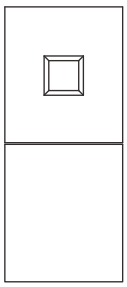

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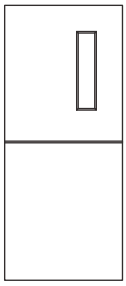

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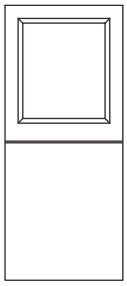

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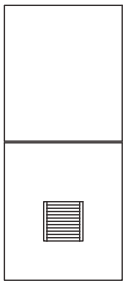

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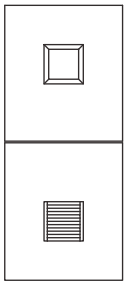

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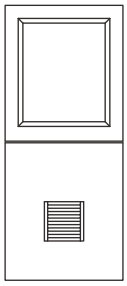

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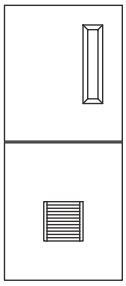

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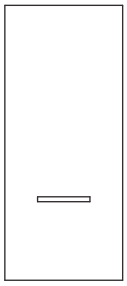

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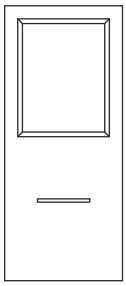
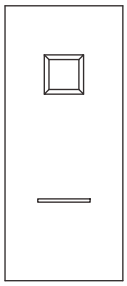
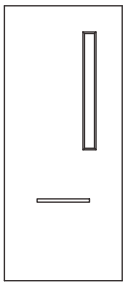


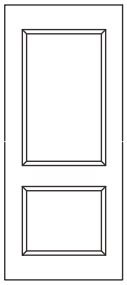
HGMS

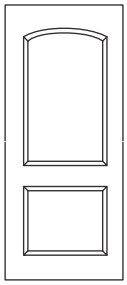


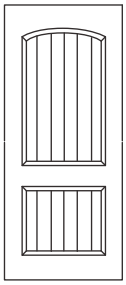
FVMS



FNVMS





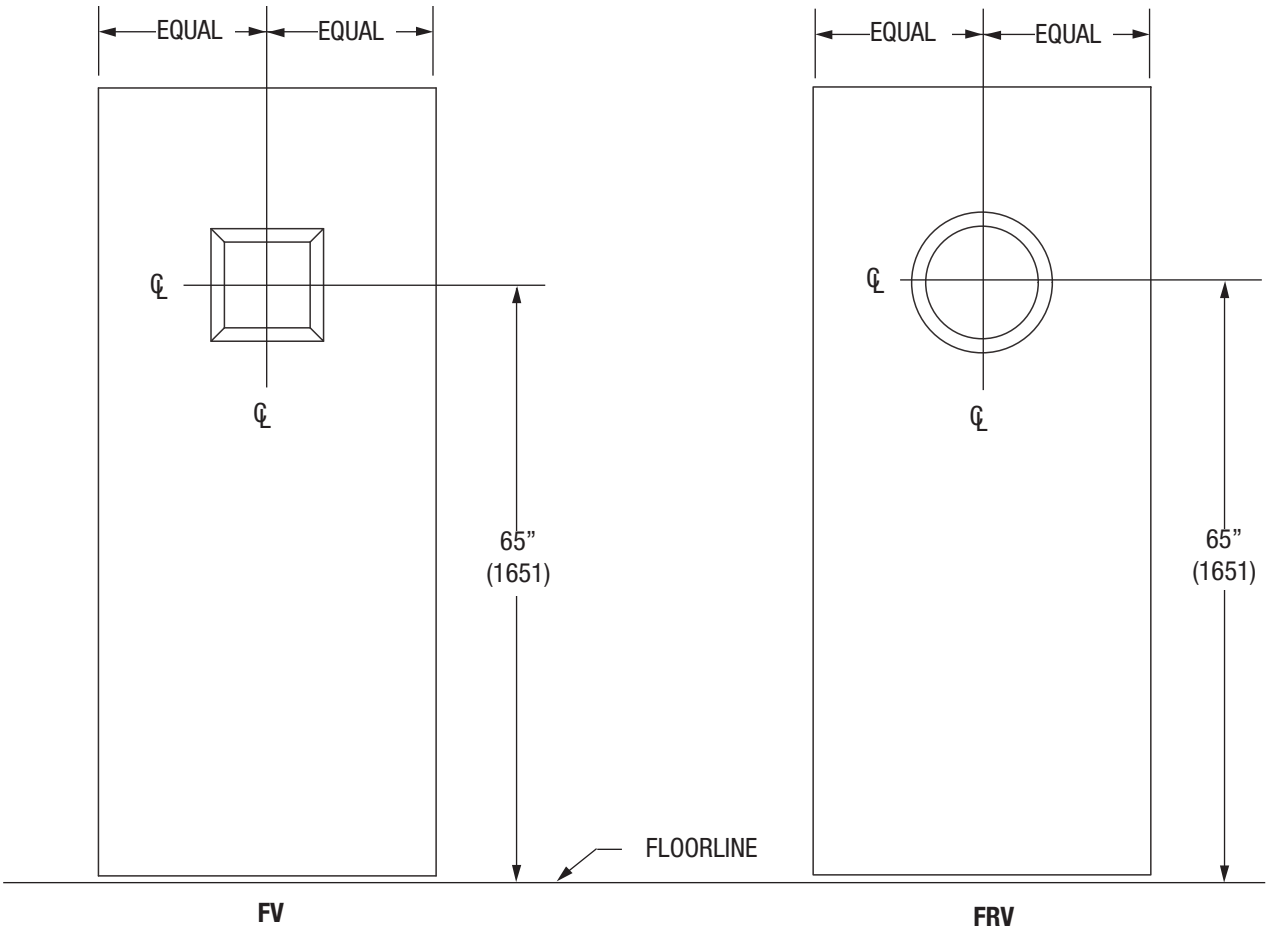


NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

May, 2010

L

Type 1 & 2 Window Moulding

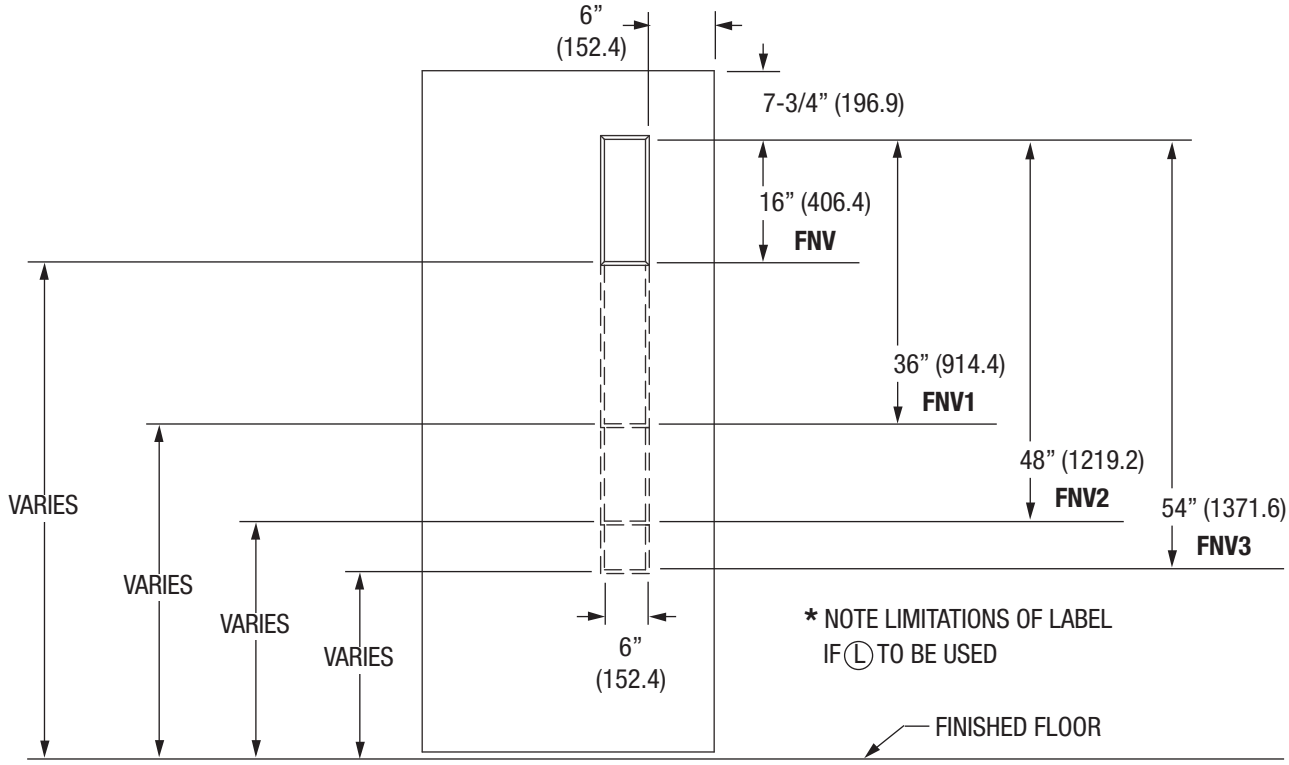


FV	10” (254) X 10” (254)
FV1	12” (304.8) X 12” (304.8)
FRV	12” (304.8) DIA. CUTOUT VISIBLE = 10"
FRV1	18” (457.2) DIA. CUTOUT VISIBLE = 16"
FRV2	24” (609.6) DIA. CUTOUT VISIBLE = 22"

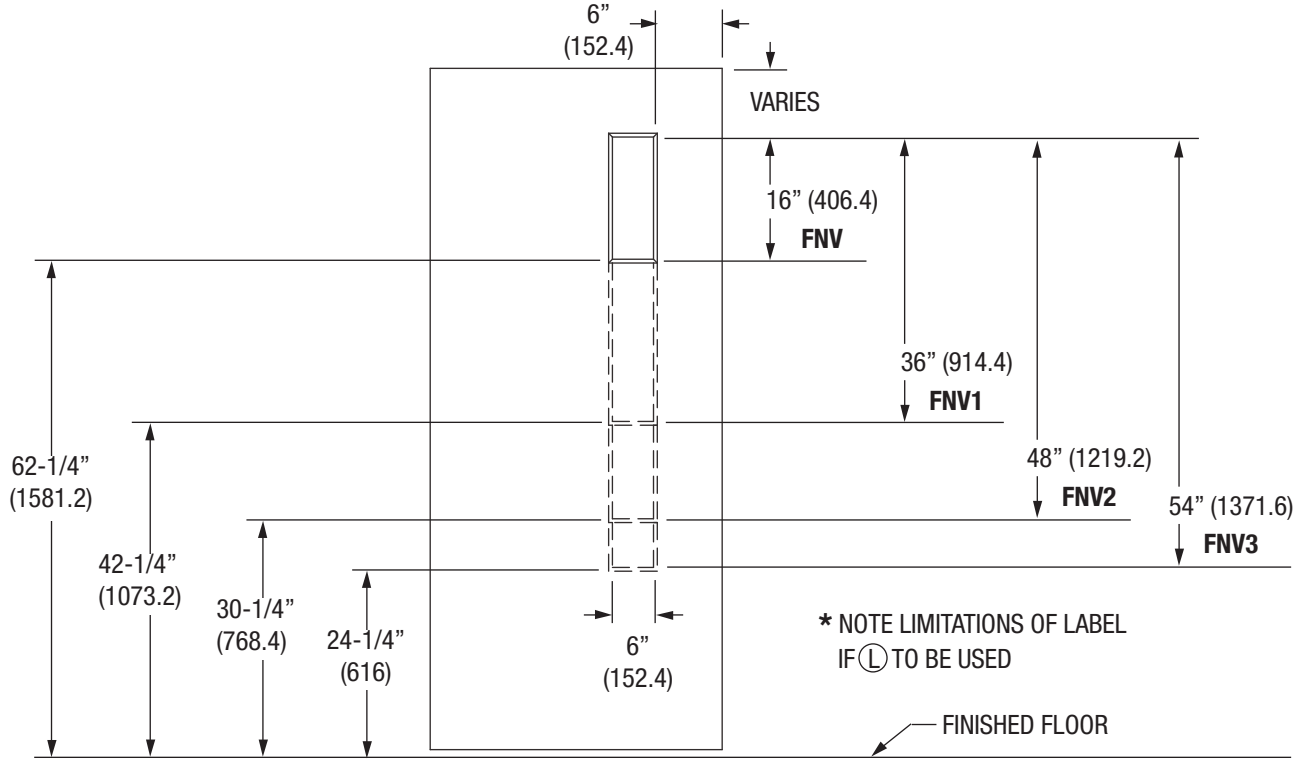
Type 1 & 2 Window Moulding

Ⓛ

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)



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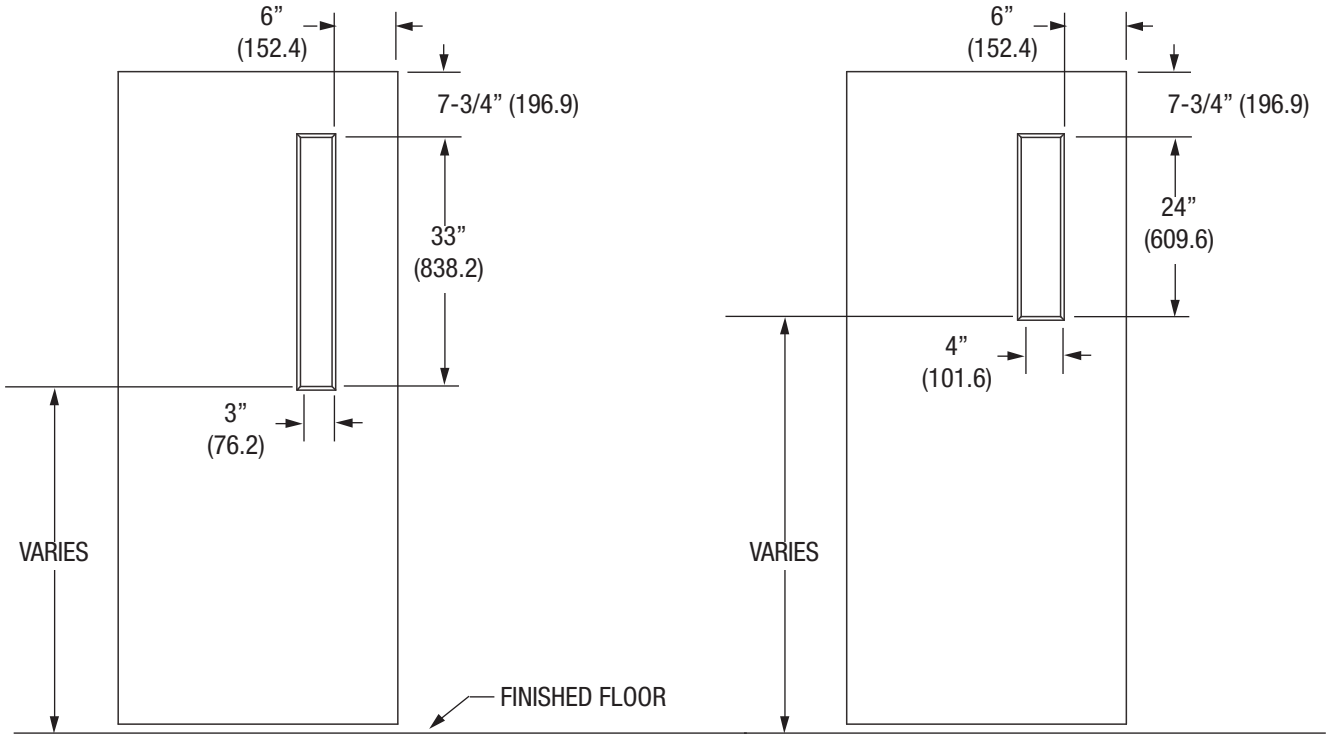
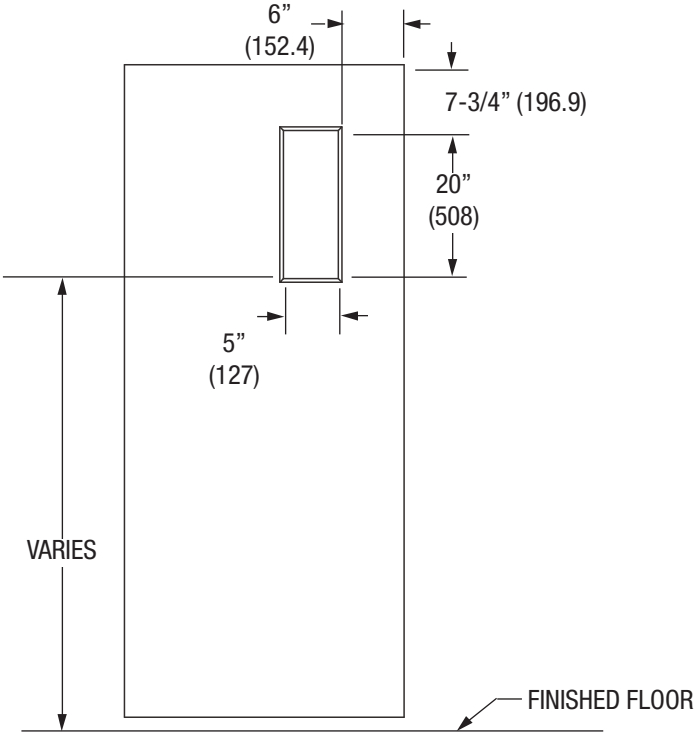
Type 1 & 2 Window Moulding



FNV4 **FNV5**

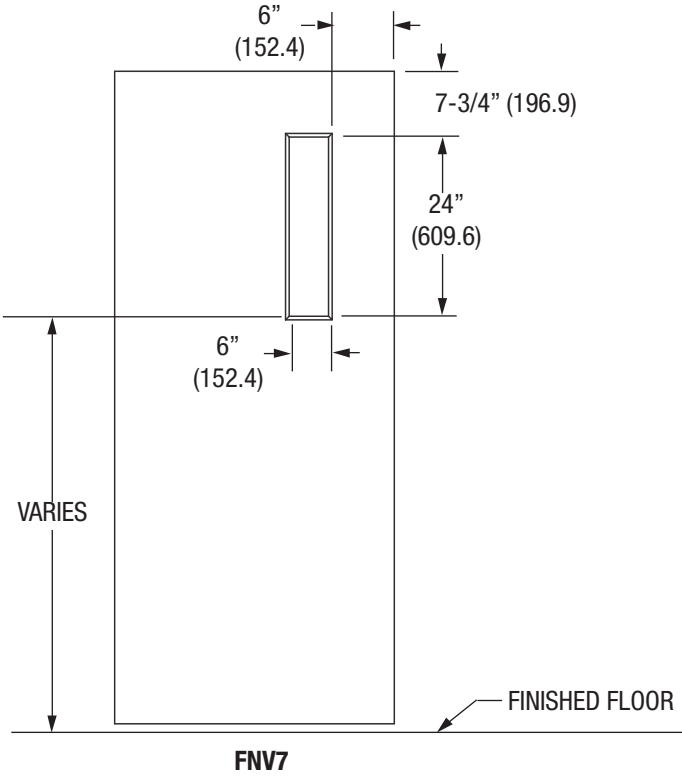


FNV6

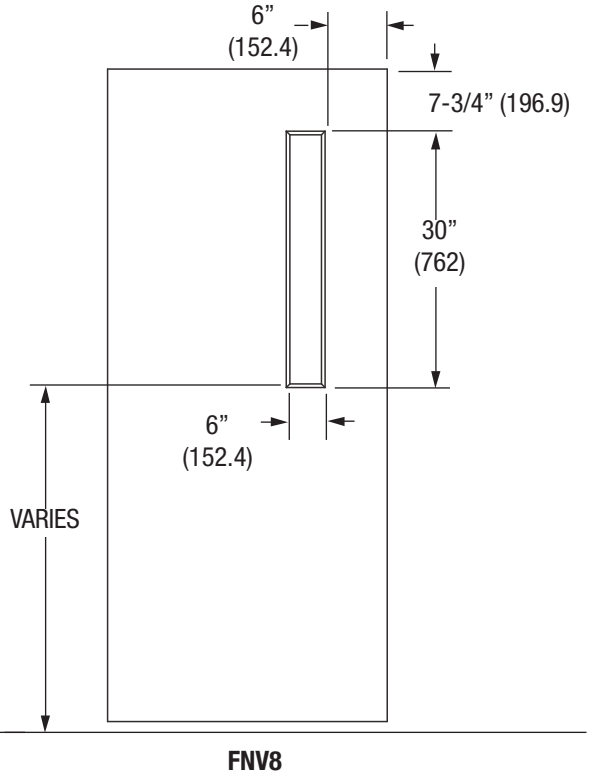
STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER

Type 1 & 2 Window Moulding

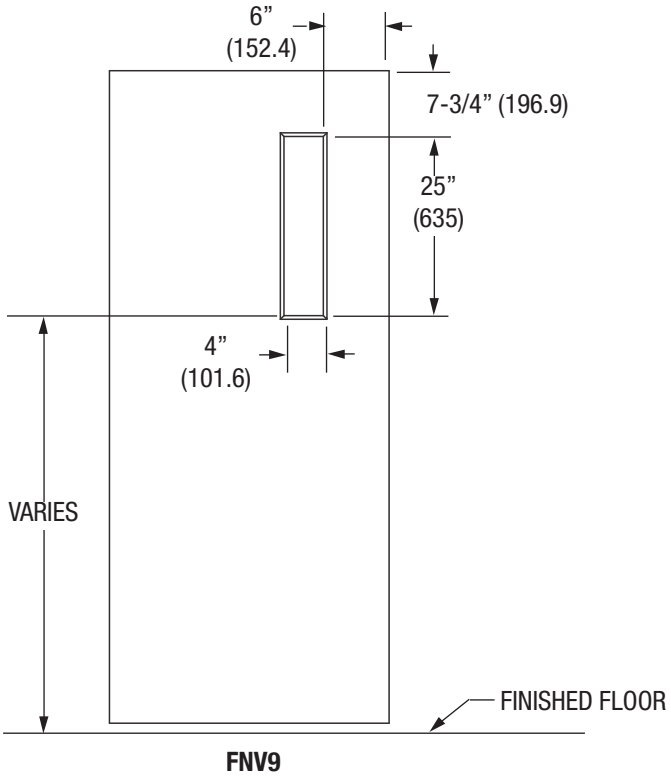
L



FNV7



FNV8



FNV9

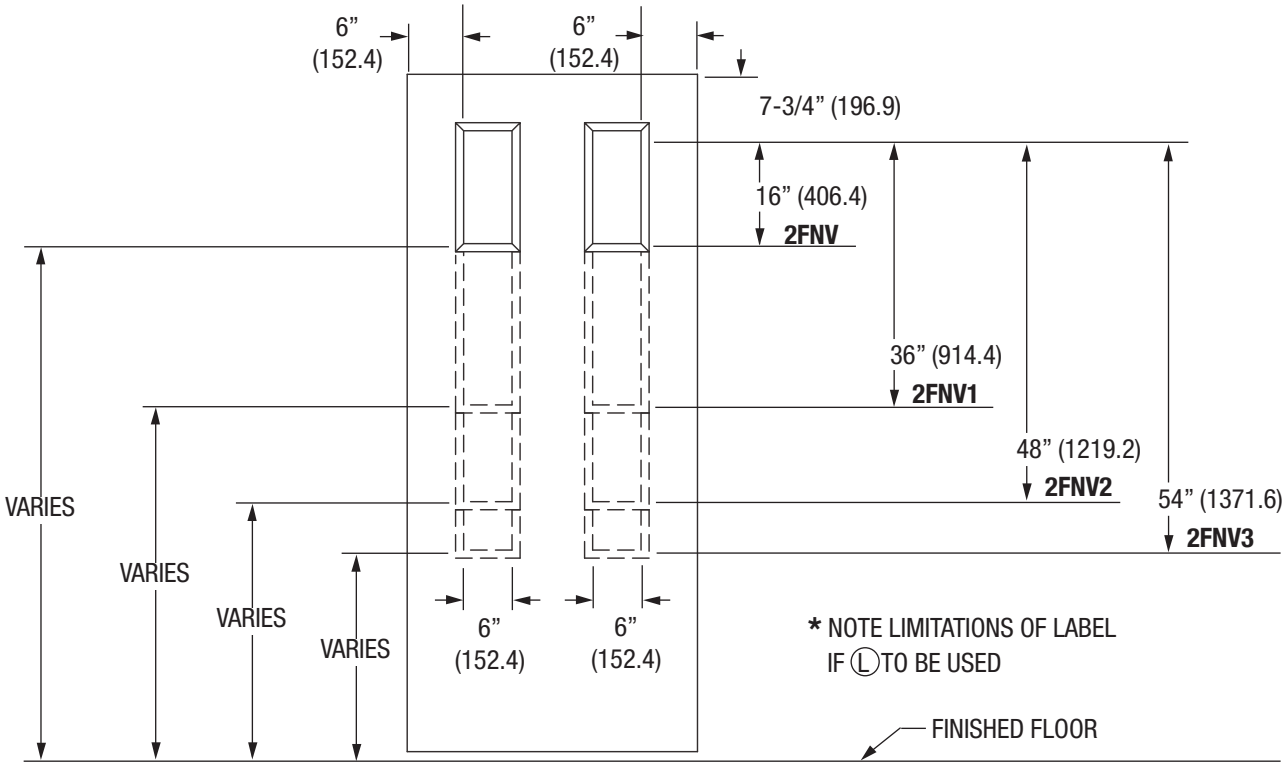
STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER

May, 2010

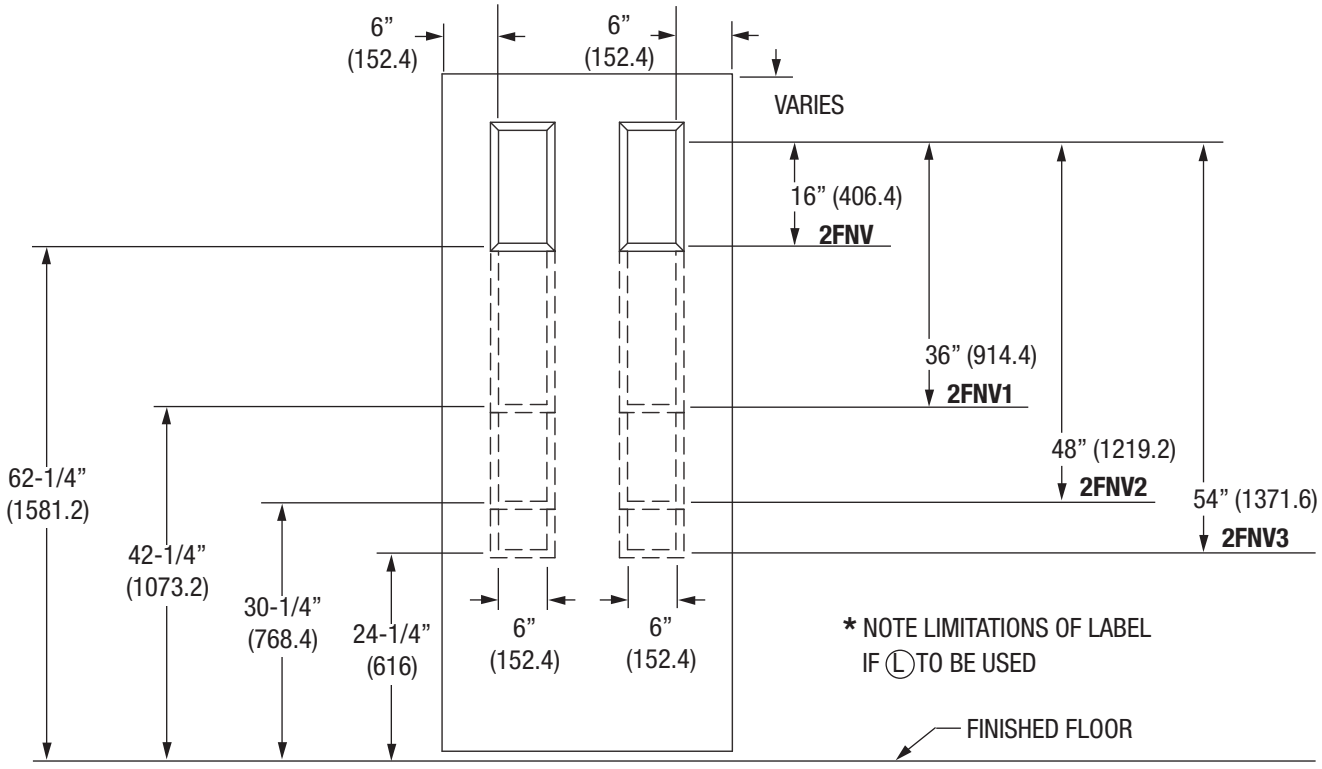
Type 1 & 2 Window Moulding

Ⓛ

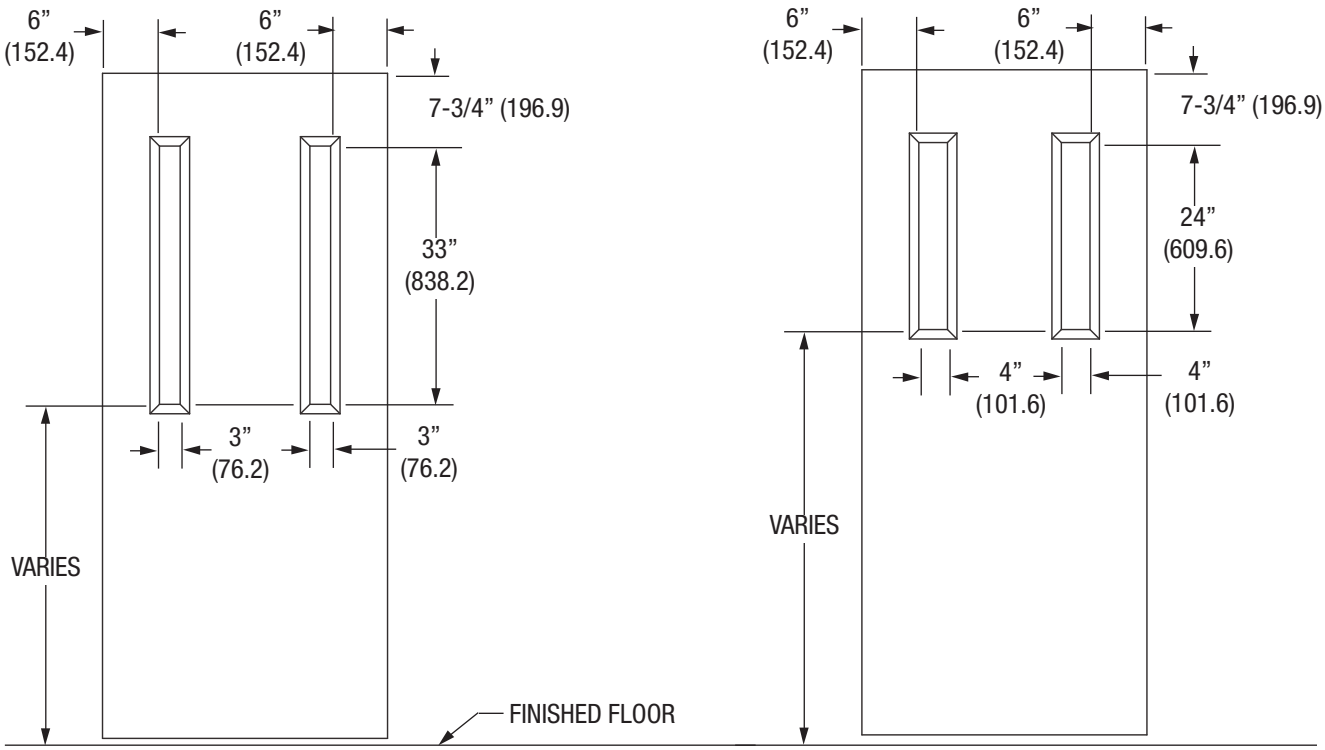
STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



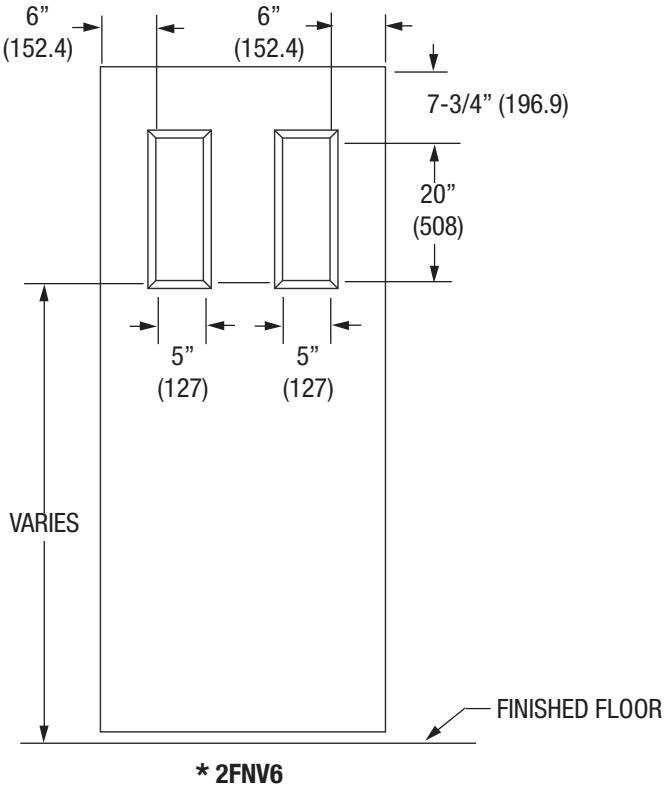
STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)



Type 1 & 2 Window Moulding



*** 2FNV4** *** 2FNV5**



*** 2FNV6**

* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER

CURRIES
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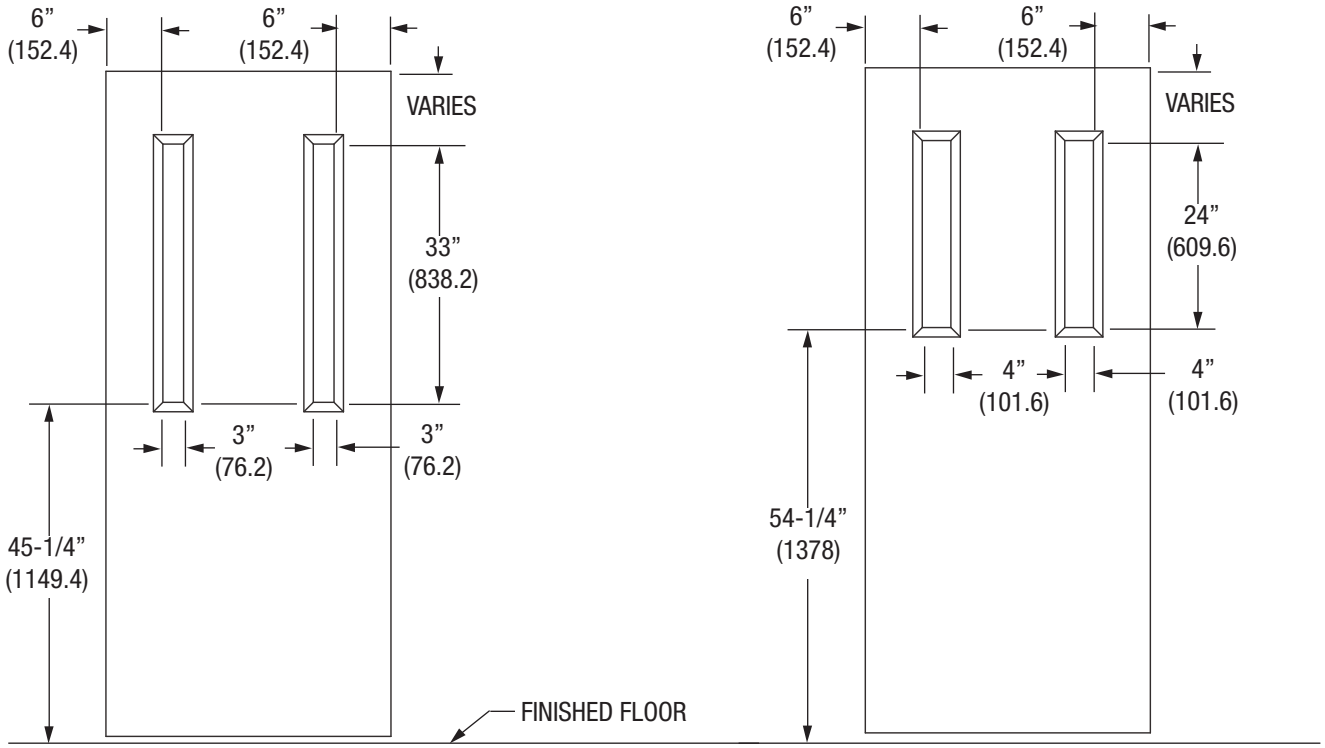
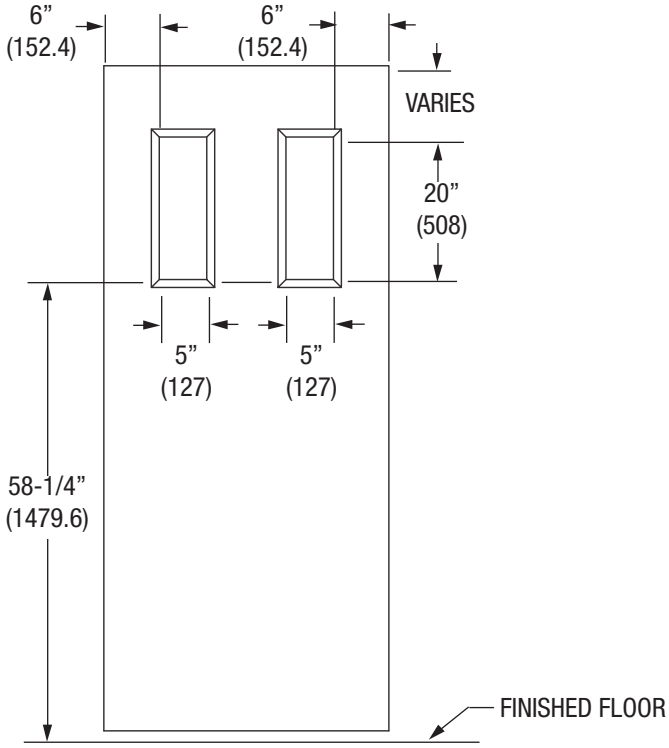
Type 1 & 2 Window Moulding



*** 2FNV4**

*** 2FNV5**

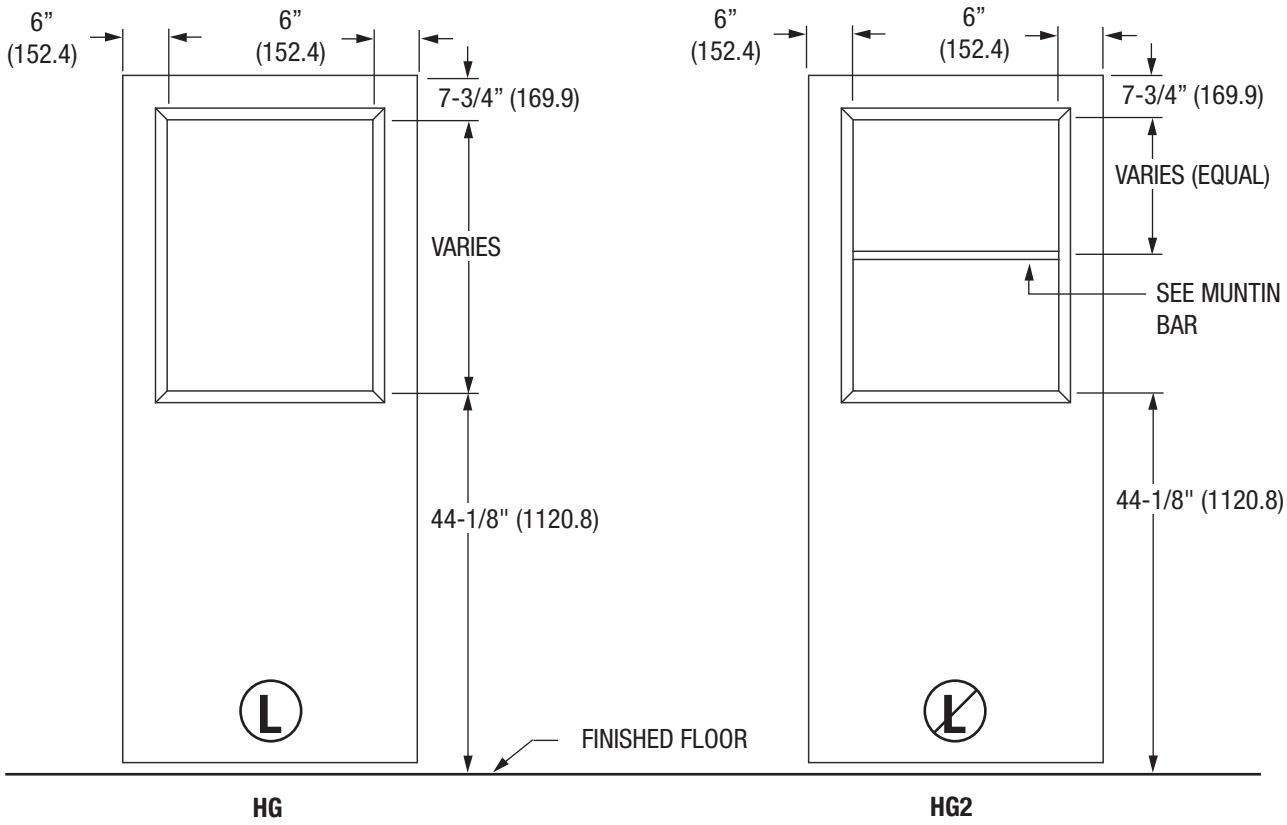


*** 2FNV6**

***** MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

STANDARD LOCATIONS FOR DOORS OVER 7'2"

Type 1 & 2 Window Moulding



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (300)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	28" (711.2)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	32" (812.8)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	34" (863.6)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

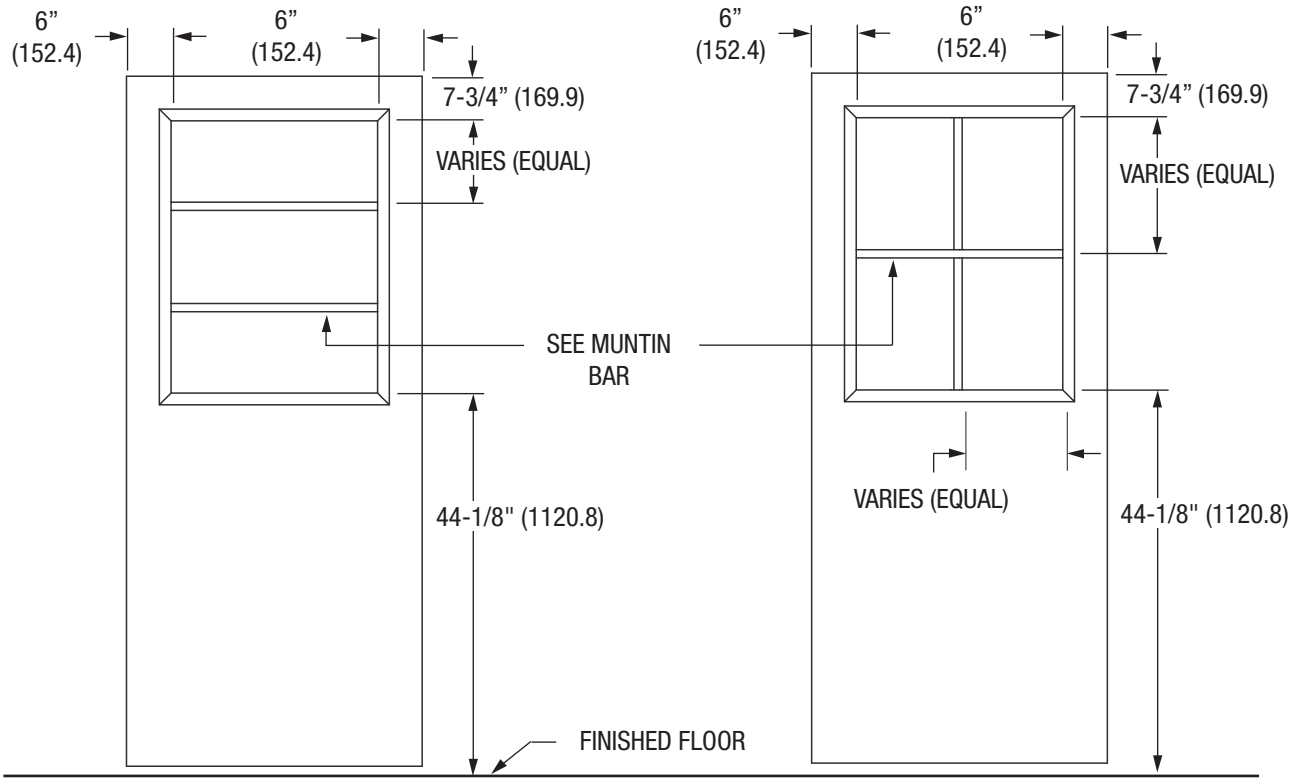
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (330)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	13-9/16" (344.5)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	15-9/16" (395.3)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	16-9/16" (420.7)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

CURRIES
ASSA ABLOY

May, 2010

Type 1 & 2 Window Moulding



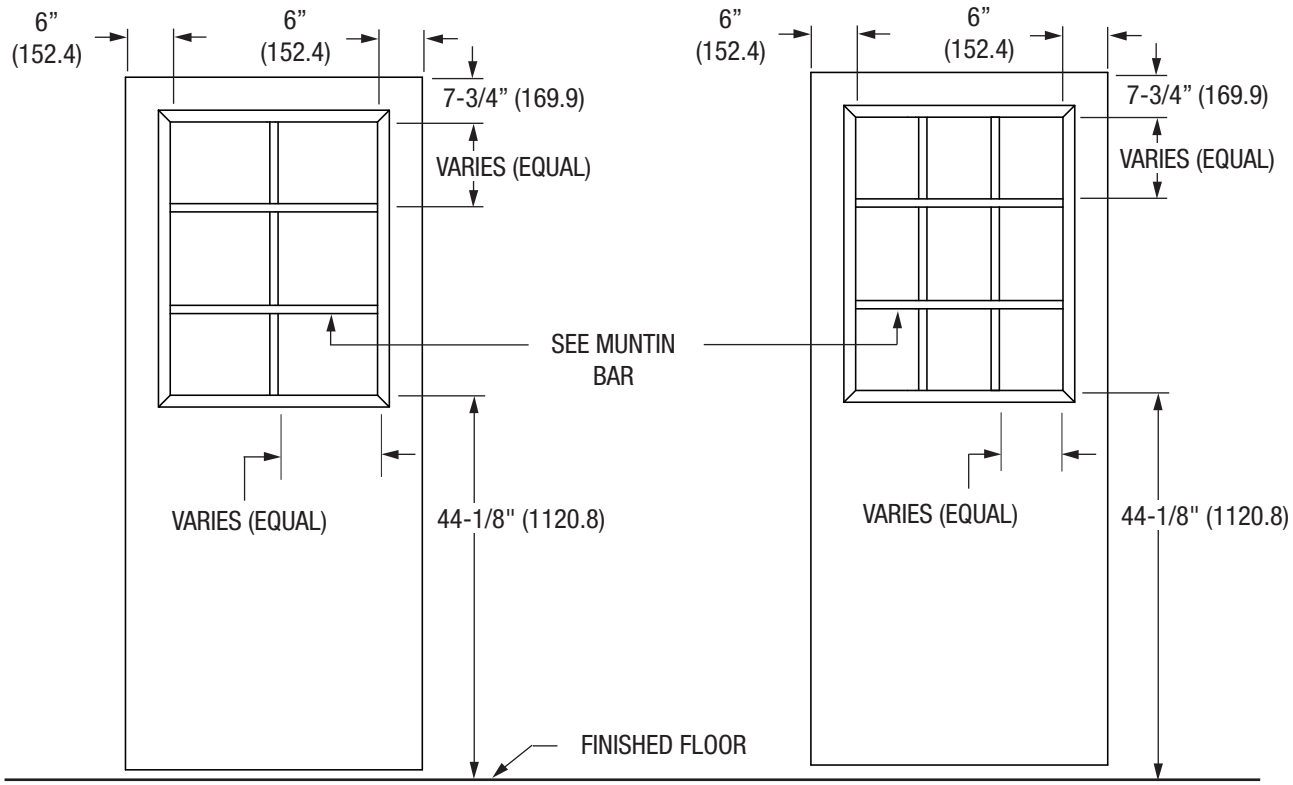
HG3 **HG4**

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (300)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	8-3/4" (222.3)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	10-5/64" (256)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	10-3/4" (273)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-15/32" (138.9)		
2'4" (711.2)	7-15/32" (189.7)		
2'6" (762)	8-15/32" (215.1)	6'8" (2032)	13-9/16" (344.5)
2'8" (812.8)	9-15/32" (240.5)		
2'10" (863.6)	10-15/32" (265.9)		
3'0" (914.4)	11-15/32" (291.3)	7'0" (2133.6)	15-9/16" (395.3)
3'4" (1016)	13-15/32" (342.1)		
3'6" (1066.8)	14-15/32" (367.5)		
3'8" (1117.6)	15-15/32" (392.9)	7'2" (2184.4)	16-9/16" (420.7)
3'10" (1168.4)	16-15/32" (418.3)		
4'0" (1219.2)	17-15/32" (443.7)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

Type 1 & 2 Window Moulding



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-15/32" (138.9)		
2'4" (711.2)	7-15/32" (189.7)		
2'6" (762)	8-15/32" (215.1)	6'8" (2032)	8-3/4" (222.3)
2'8" (812.8)	9-15/32" (240.5)		
2'10" (863.6)	10-15/32" (265.9)		
3'0" (914.4)	11-15/32" (291.3)	7'0" (2133.6)	10-5/64" (256)
3'4" (1016)	13-15/32" (342.1)		
3'6" (1066.8)	14-15/32" (367.5)		
3'8" (1117.6)	15-15/32" (392.9)	7'2" (2184.4)	10-3/4" (273)
3'10" (1168.4)	16-15/32" (418.3)		
4'0" (1219.2)	17-15/32" (443.7)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	3-5/16" (84.1)		
2'4" (711.2)	4-5/8" (117.5)		
2'6" (762)	5-5/16" (134.9)	6'8" (2032)	8-3/4" (222.3)
2'8" (812.8)	6" (152.4)		
2'10" (863.6)	6-5/8" (168.3)		
3'0" (914.4)	7-5/16" (185.7)	7'0" (2133.6)	10-5/64" (256)
3'4" (1016)	8-5/8" (219.1)		
3'6" (1066.8)	9-5/16" (236.5)		
3'8" (1117.6)	10" (254)	7'2" (2184.4)	10-3/4" (273)
3'10" (1168.4)	10-5/8" (269.9)		
4'0" (1219.2)	11-5/16" (287.3)		

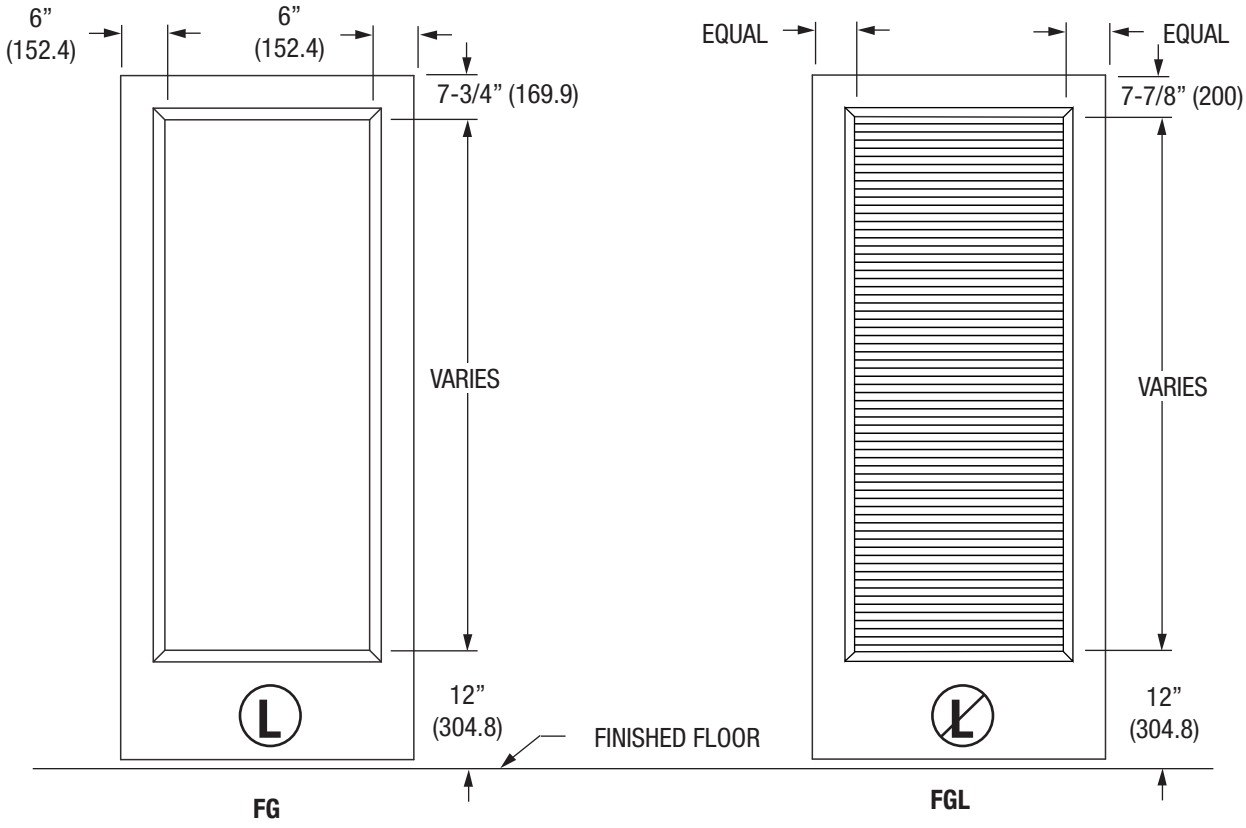
NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

CURRIES
ASSA ABLOY

May, 2010

L

Type 1 & 2 Window Moulding



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (300)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	60-1/8" (1527.2)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	64-1/8" (1628.8)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	66-1/8" (1679.6)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

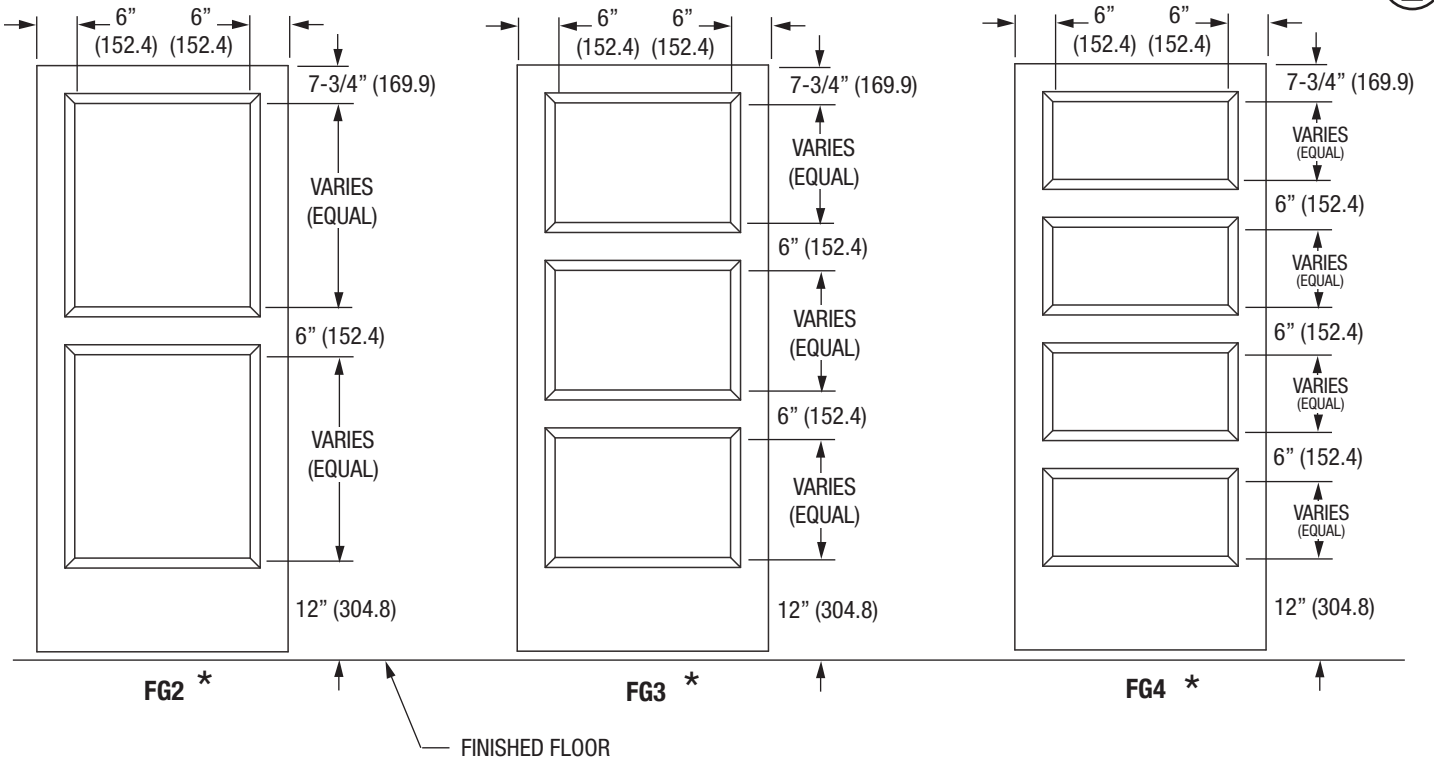
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	12" (304.8)		
2'4" (711.2)	16" (406.4)		
2'6" (762)	18" (457.2)	6'8" (2032)	60" (1524)
2'8" (812.8)	20" (508)		
2'10" (863.6)	22" (558.8)		
3'0" (914.4)	24" (609.6)	7'0" (2133.6)	64" (1625.6)
3'4" (1016)	28" (711.6)		
3'6" (1066.8)	30" (762)		
3'8" (1117.6)	32" (812.8)	7'2" (2184.4)	66" (1676.4)
3'10" (1168.4)	34" (863.6)		
4'0" (1219.2)	36" (914.4)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

May, 2010

Type 1 & 2 Window Moulding

L



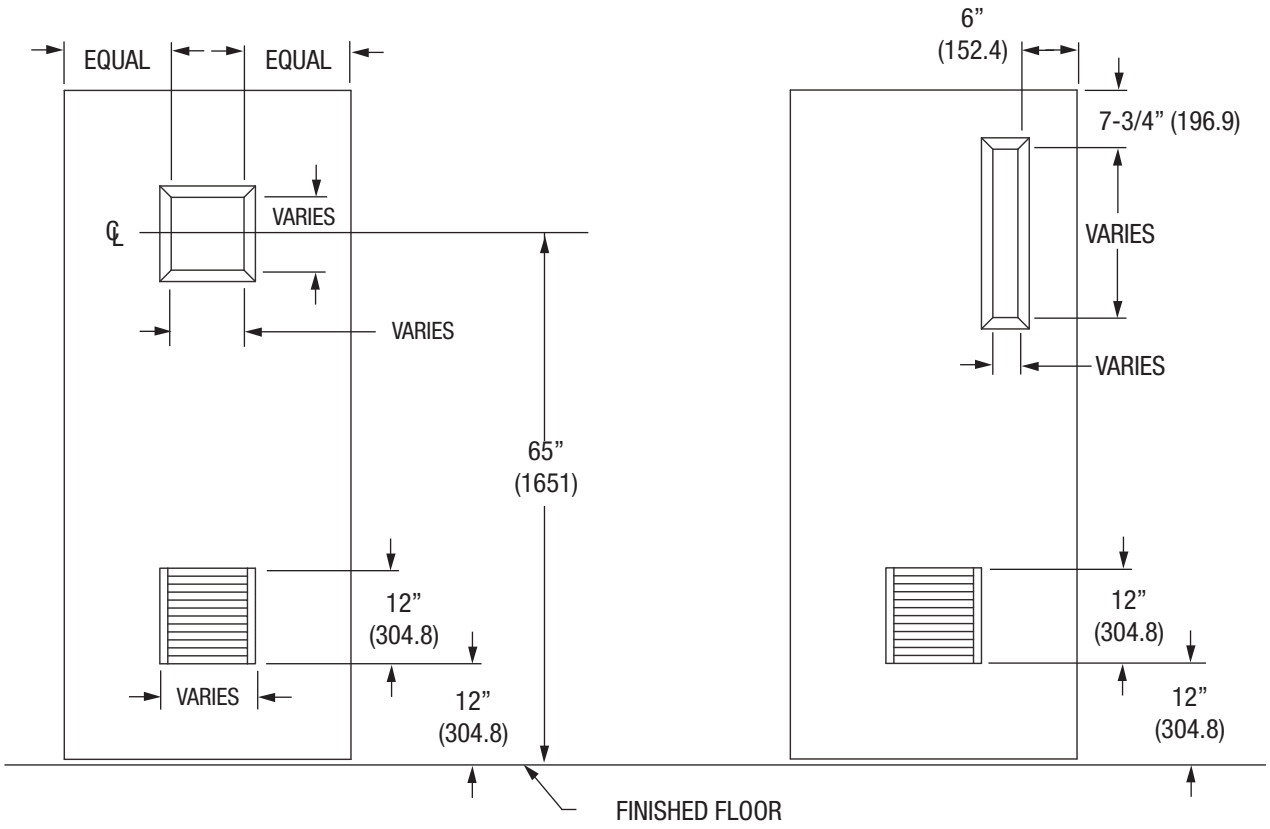
* **NOTE:** A MINIMUM 6" STILE AND 6" RAIL IS REQUIRED FOR FIRE LABEL LISTED DOOR)

		FG2		FG3		FG4	
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (330)						
2'4" (711.2)	15-13/16" (401.6)						
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	27-1/16" (687.4)	6'8" (2032)	16-1/16" (408)	6'8" (2032)	10-9/16" (268.3)
2'8" (812.8)	19-13/16" (503.2)						
2'10" (863.6)	21-13/16" (554)						
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	29-1/16" (738.2)	7'0" (2133.6)	17-3/8" (441.3)	7'0" (2133.6)	11-9/16" (293.7)
3'4" (1016)	27-13/16" (706.4)						
3'6" (1066.8)	29-13/16" (757.2)						
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	30-1/16" (763.6)	7'2" (2184.4)	18-1/16" (458.8)	7'2" (2184.4)	12-1/16" (306.4)
3'10" (1168.4)	33-13/16" (858.8)						
4'0" (1219.2)	35-13/16" (909.6)						

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

May, 2010

Type 1 & 2 Window Moulding



FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

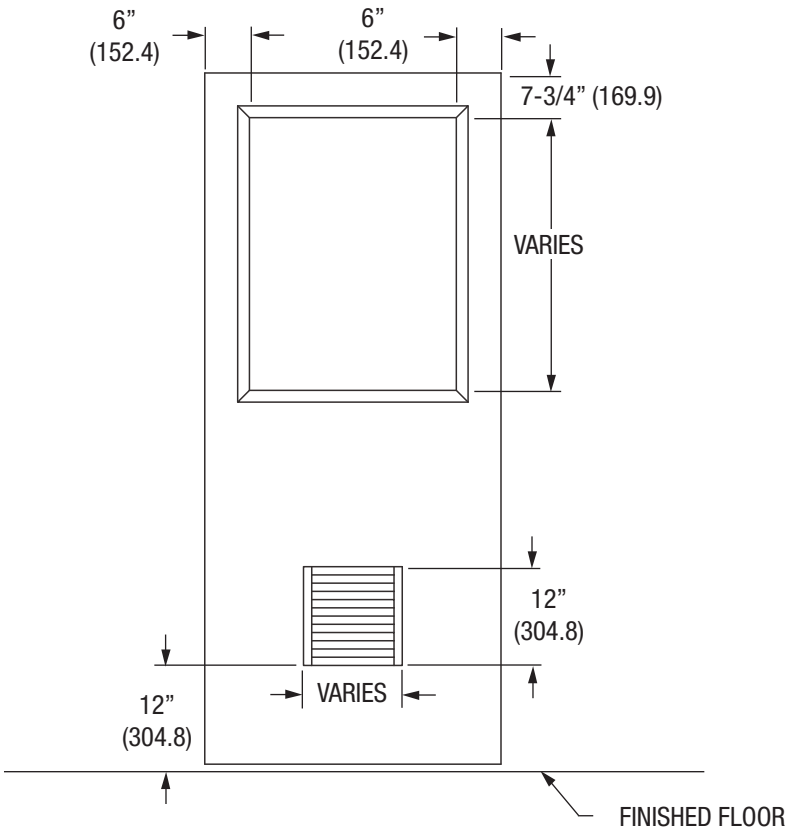
EXAMPLE: FV1L2
12" X 12" (305 X 305) FULL VISION LITE
18" X 12" (457 X 305) LOUVER

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FNV1L2
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

Type 1 & 2 Window Moulding



HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

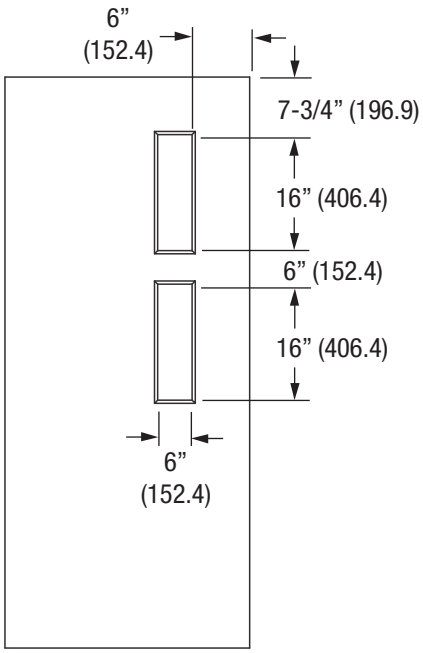
EXAMPLE: HG L 2
WINDOW PANE-HALF GLASS
18” X 12” (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

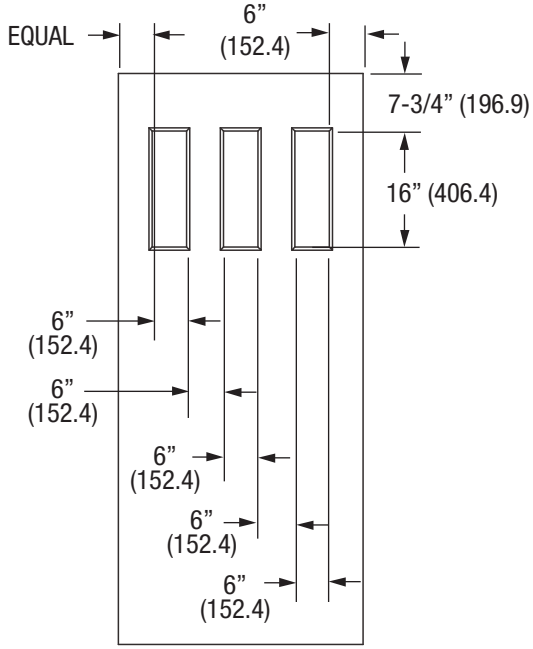
CURRIES
ASSA ABLOY

May, 2010

Type 1 & 2 Window Moulding



F2NV

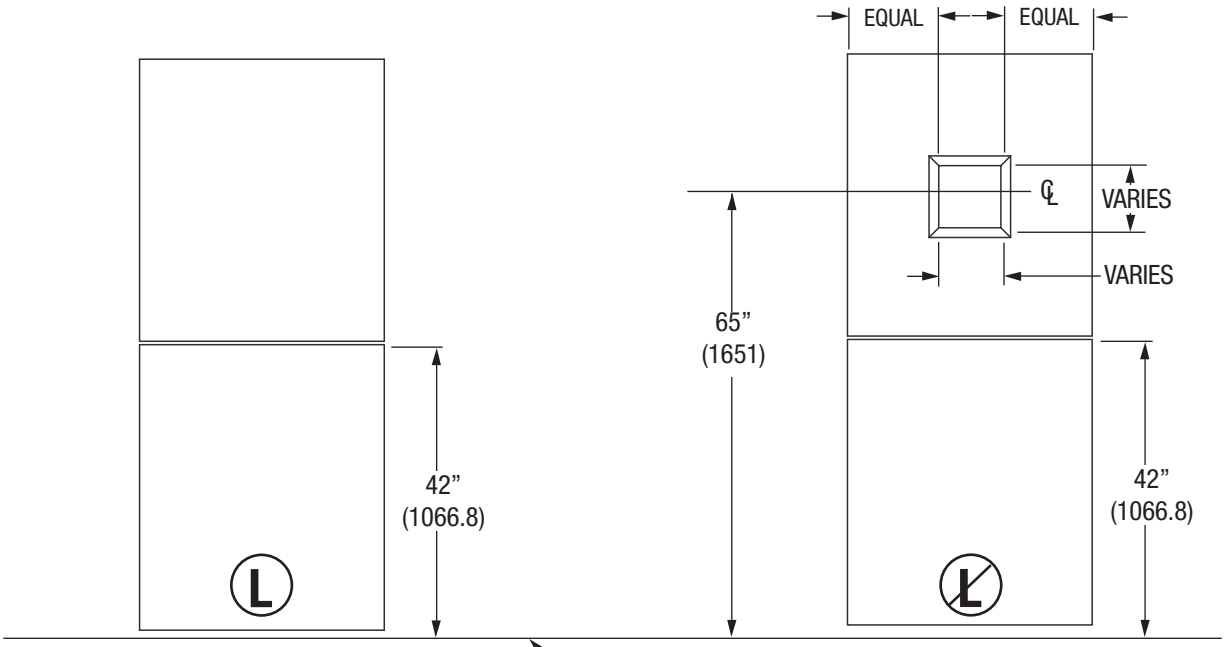


3FNV

DOOR WIDTH FOR 3FNV MUST BE AT LEAST 3’6” (1066.8) WIDE!

* **NOTE:** MINIMUM 6" STILES TO BE FIRE LABEL LISTED.

Face Type Locations FD, FDFV

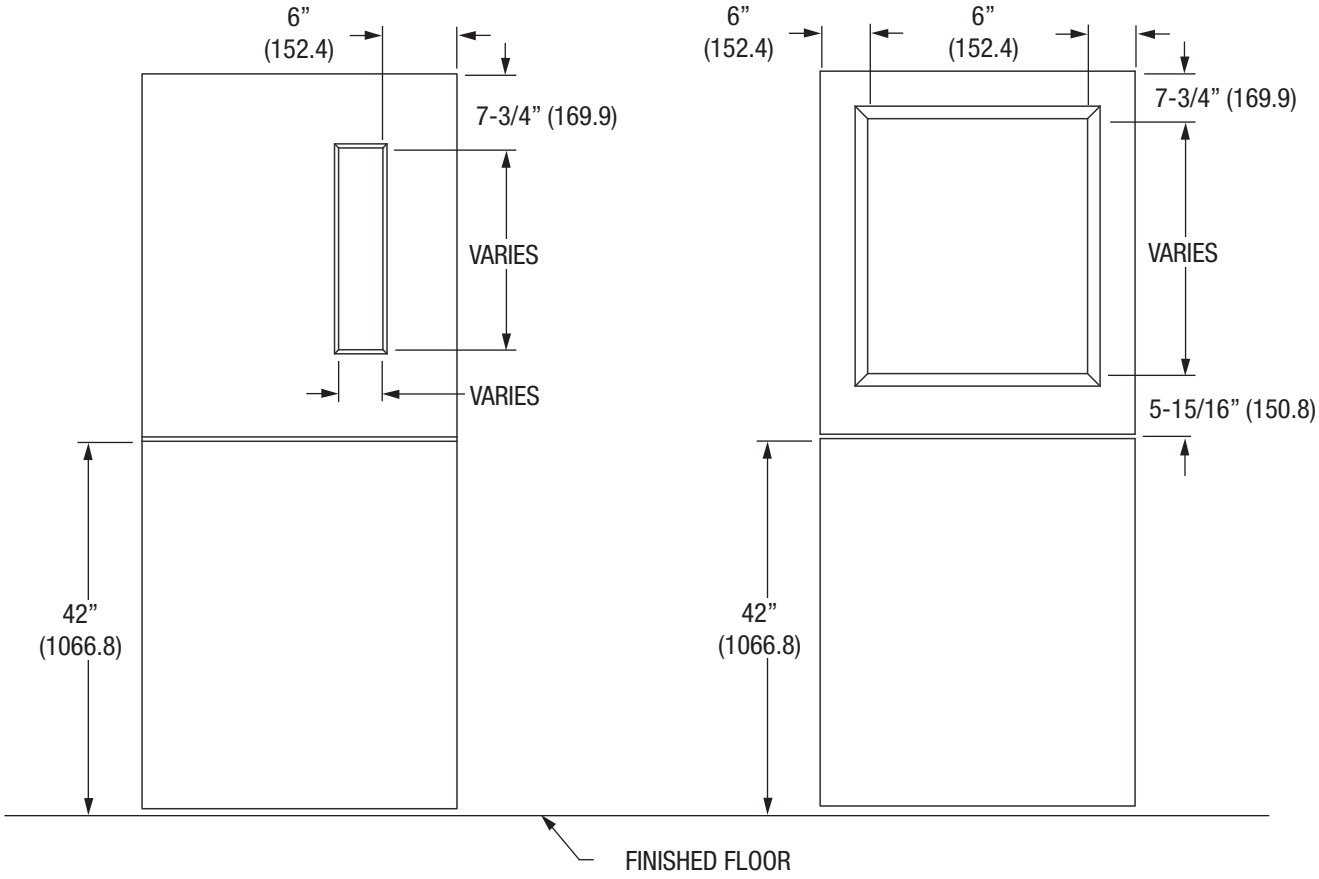


FD

FDFV

FDFV	10” (254) X 10” (254)
FDFV1	12” (304.8) X 12” (304.8)

Type 1 & 2 Window Moulding



FDFNV

FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS

FDHG

FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS

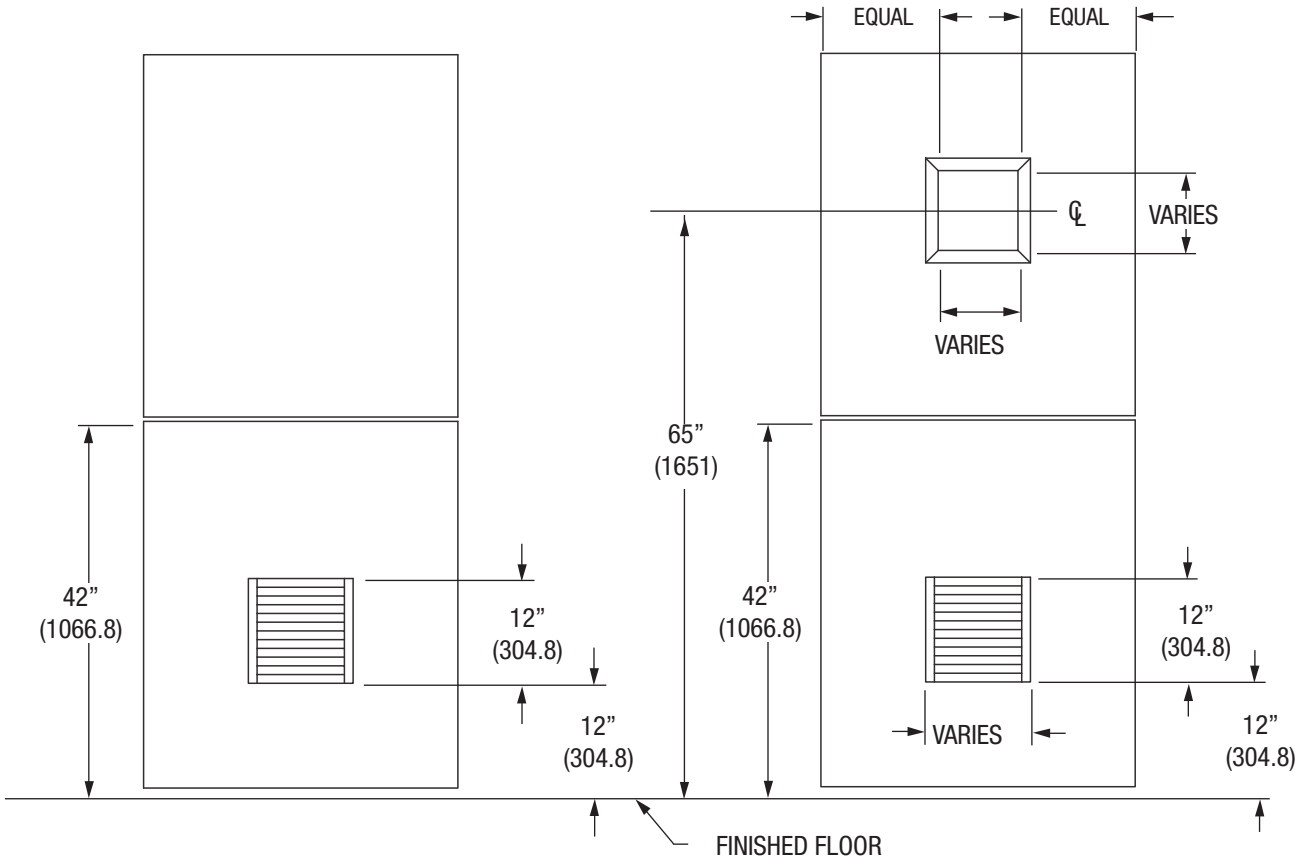
EXAMPLE: FDFNV1
FLUSH DUTCH
6” X 36” (152 X 914) NARROW VISION LITE

EXAMPLE: FDHG
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS

CURRIES
ASSA ABLOY

May, 2010

Type 1 & 2 Window Moulding



FDL
FD = FLUSH DUTCH
L = LOUVER STANDARDS

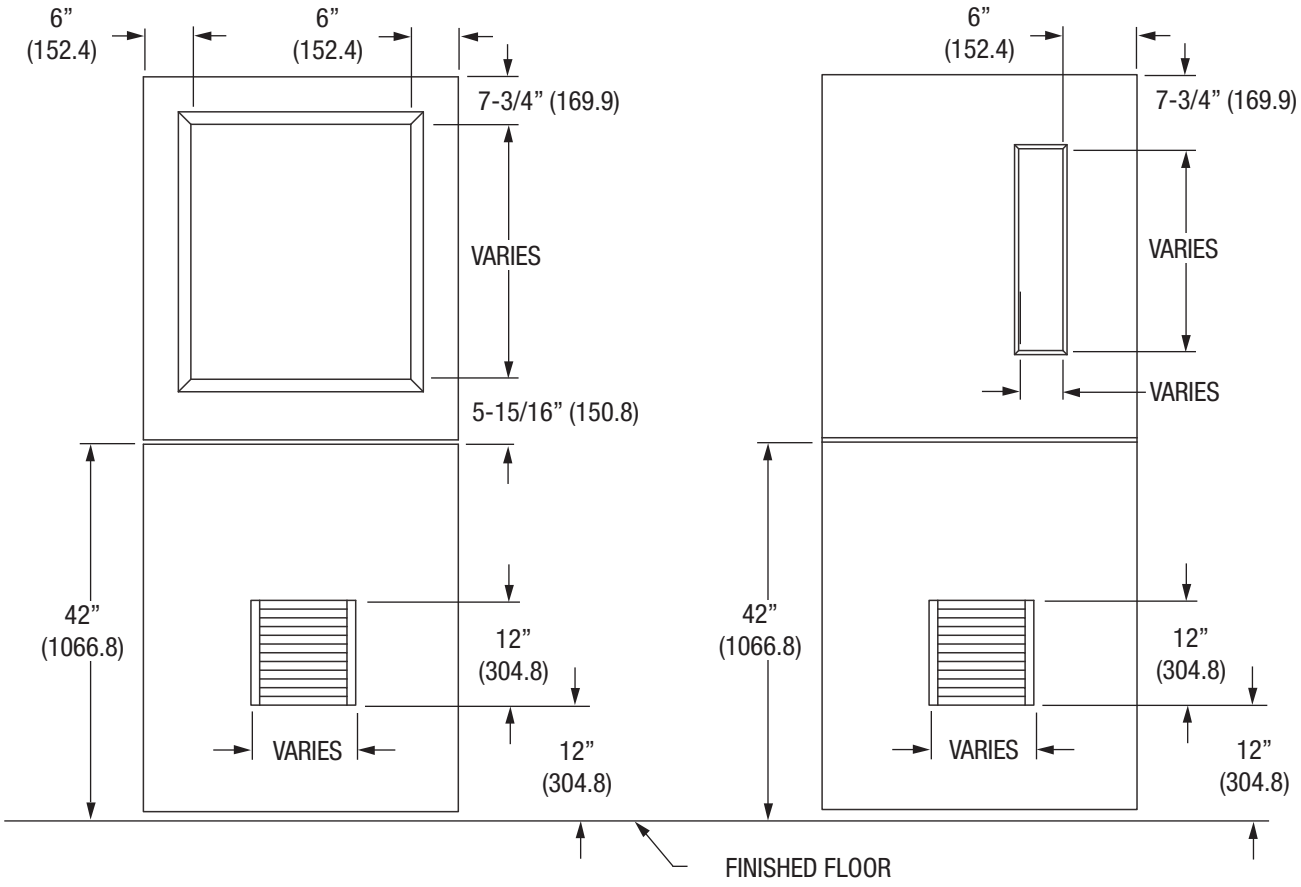
FDFVL
FD = FLUSH DUTCH
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FDL3
FLUSH DUTCH
20” X 12” (508 X 305) LOUVER

EXAMPLE: FDFV1L3
FLUSH DUTCH
12” X 12” (305 X 305) FULL VISION LITE
20” X 12” (508 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

Type 1 & 2 Window Moulding



FDHGL

FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FDHG3L2
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

FDFNVL

FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FDFNV1L2
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

CURRIES
ASSA ABLOY

May, 2010

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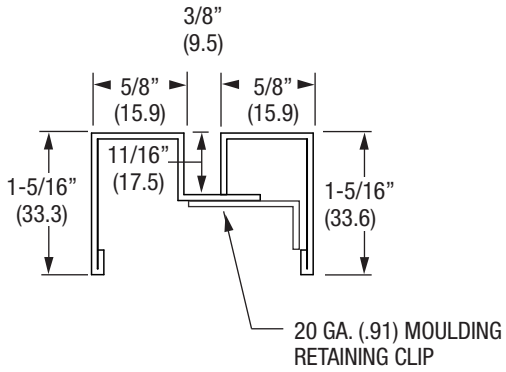
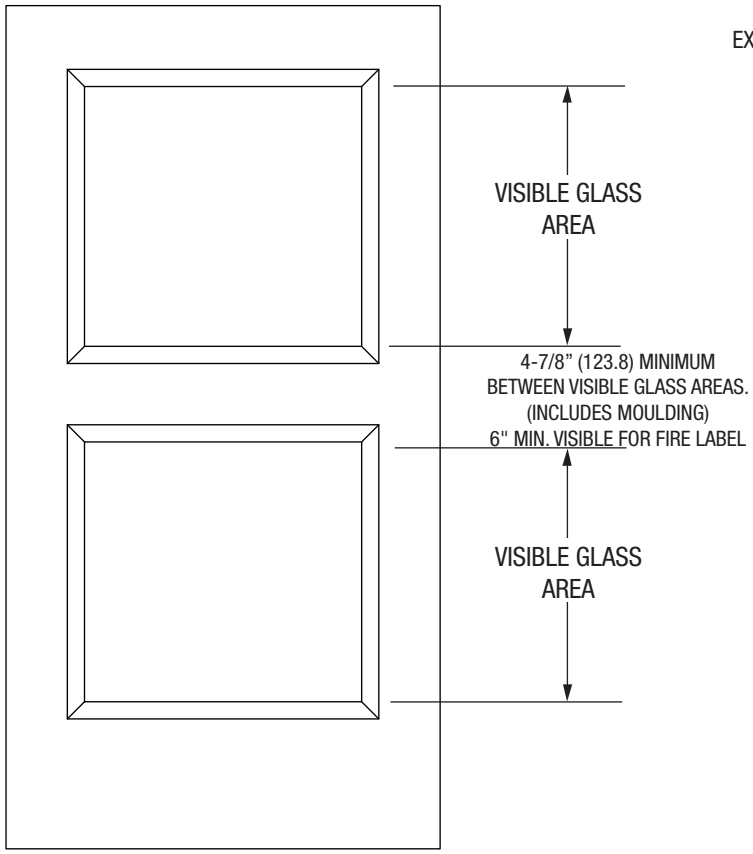
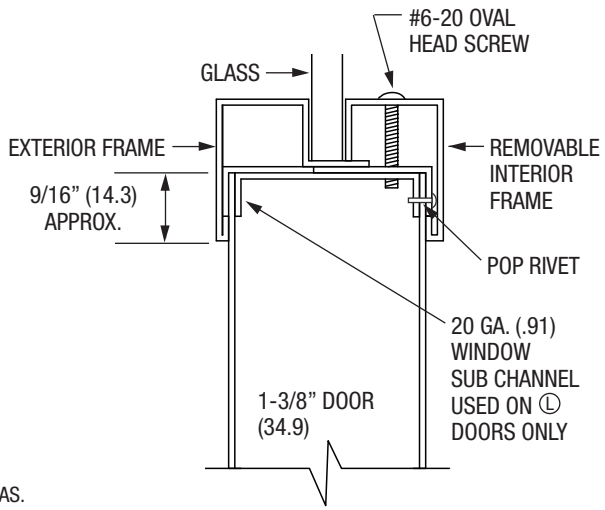
Type 1 & 2 Window Moulding

18 GA. (1.2) GALV. STEEL
VISION LITE FRAME

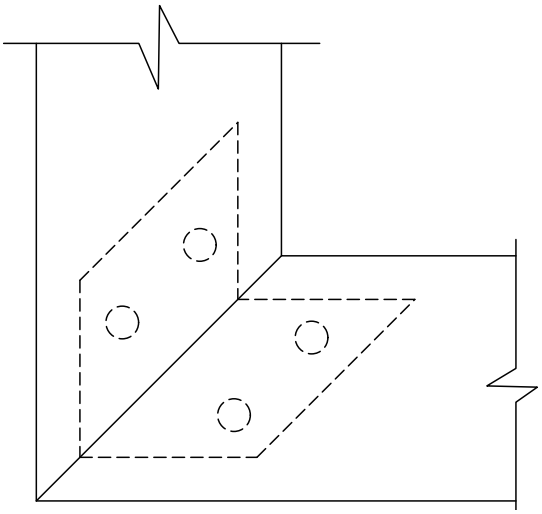


1/4" (6.3) GLASS
3/8" (9.5) POCKET ONLY



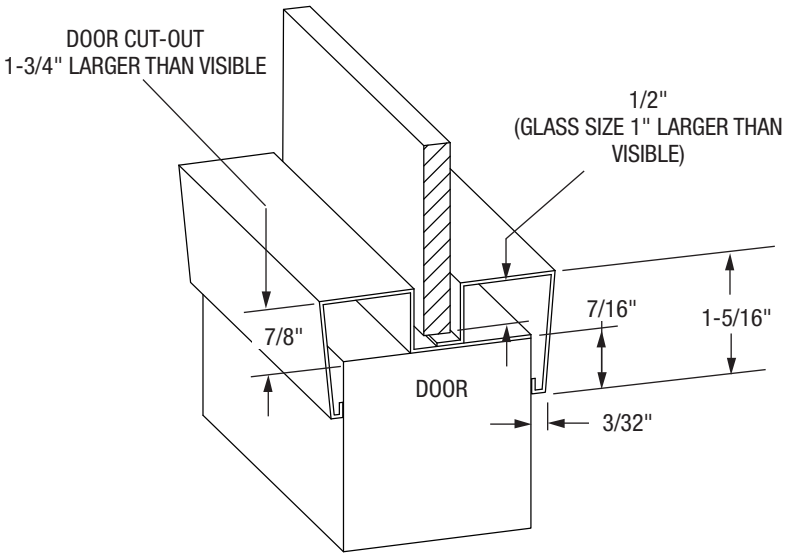


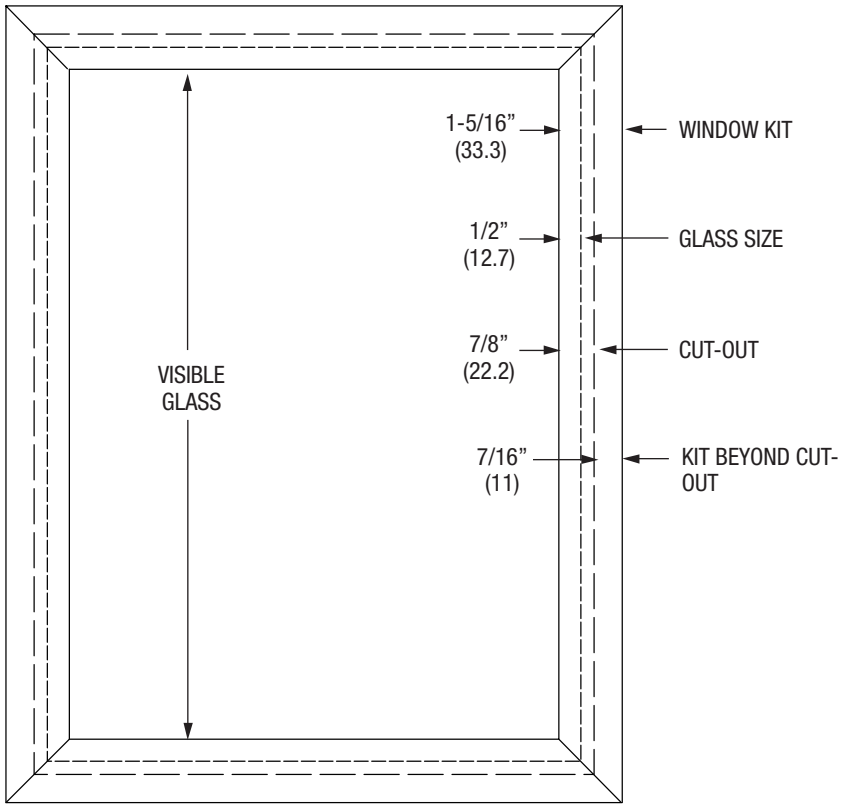
NOTE: ORDER GLASS SIZE 1" LARGER THAN VISIBLE GLASS DIMENSION



CORNER DETAIL WITH
CORNER CLIP WELDED IN

Type 1 & 2 Window Moulding

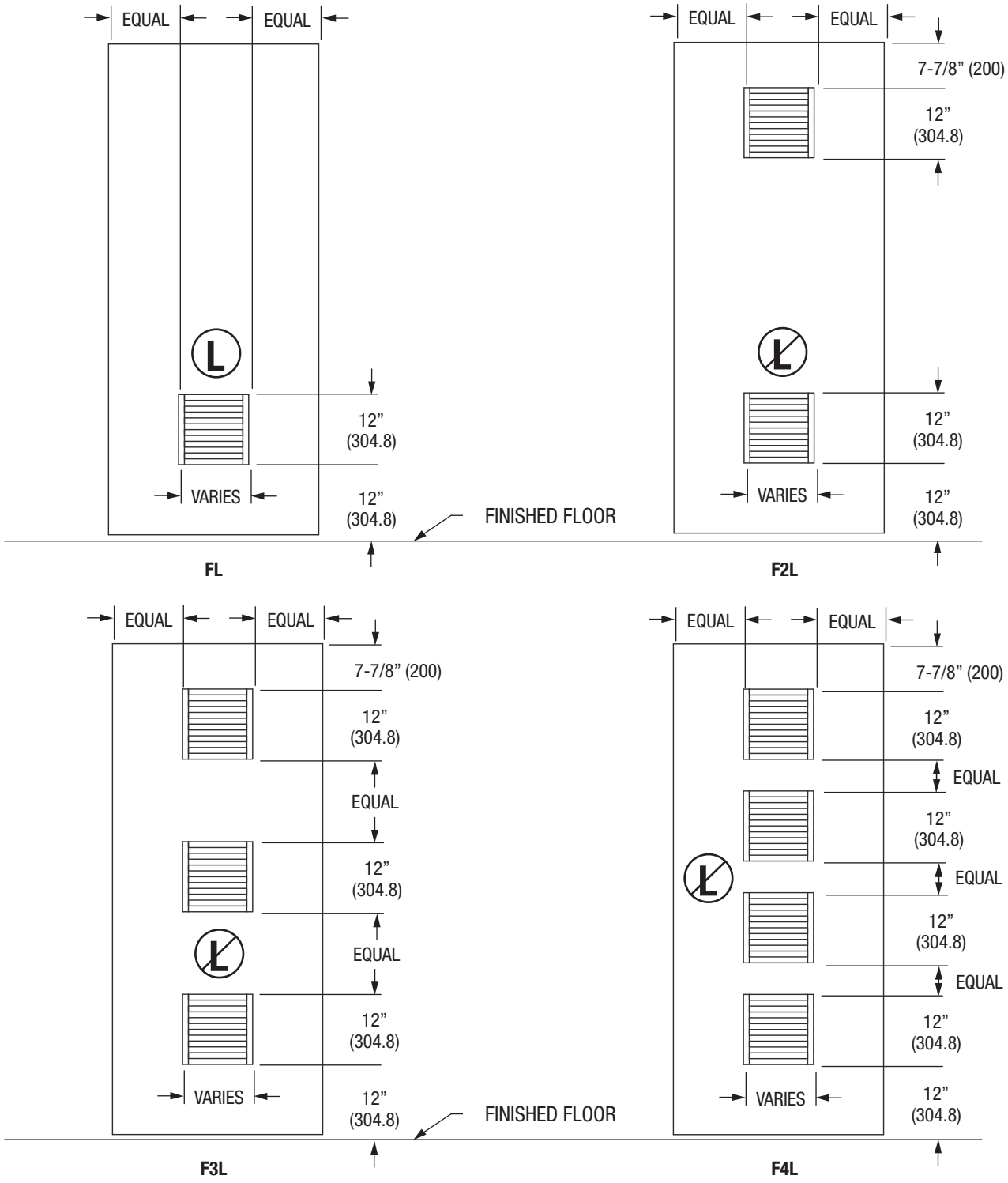




Louver Sizes and Locations FL, F2L, F3L, F4L

Door Technical Data

April, 2002

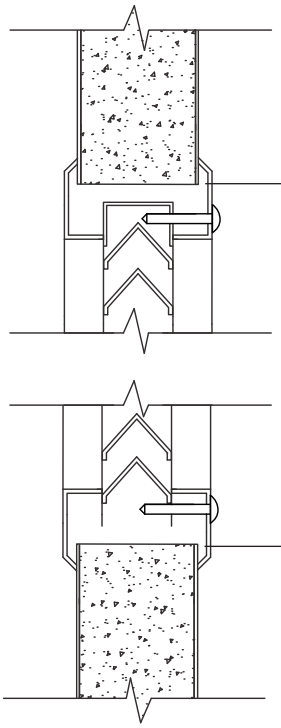


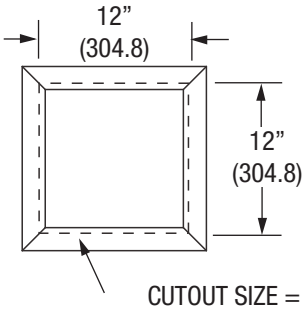
FL	F2L	F3L	F4L	12" (304.8) X 12" (304.8)
FL2	F2L2	F3L2	F4L2	18" (457.2) X 12" (304.8)
FL3	F2L3	F3L3	F4L3	20" (508) X 12" (304.8)
FL4	F2L4	F3L4	F4L4	24" (609.6) X 12" (304.8)

Louver Cutout on Door

Door Technical Data

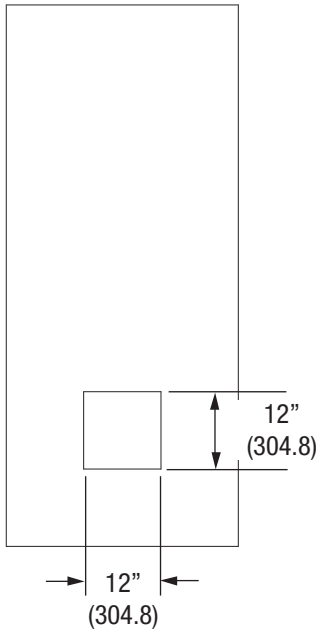
April, 2002





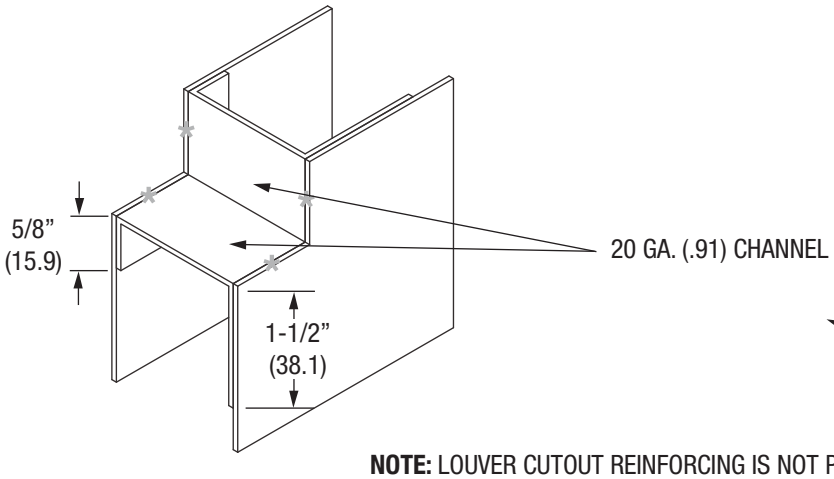
CUTOUT SIZE = LOUVER SIZE

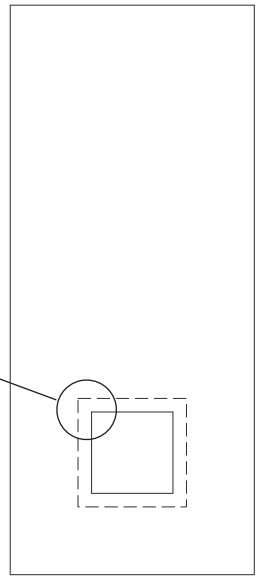
MUST BE LABEL
APPROVED LOUVER



LOUVERS ARE SIZED TO FIT
STANDARD OPENING DIMENSION
EXAMPLE: A 12” (304.8) X 12” (304.8) LOUVER
REQUIRES A 12” (304.8) X 12” (304.8) CUTOUT IN DOOR

Louver Cutout Reinforcing (Optional)

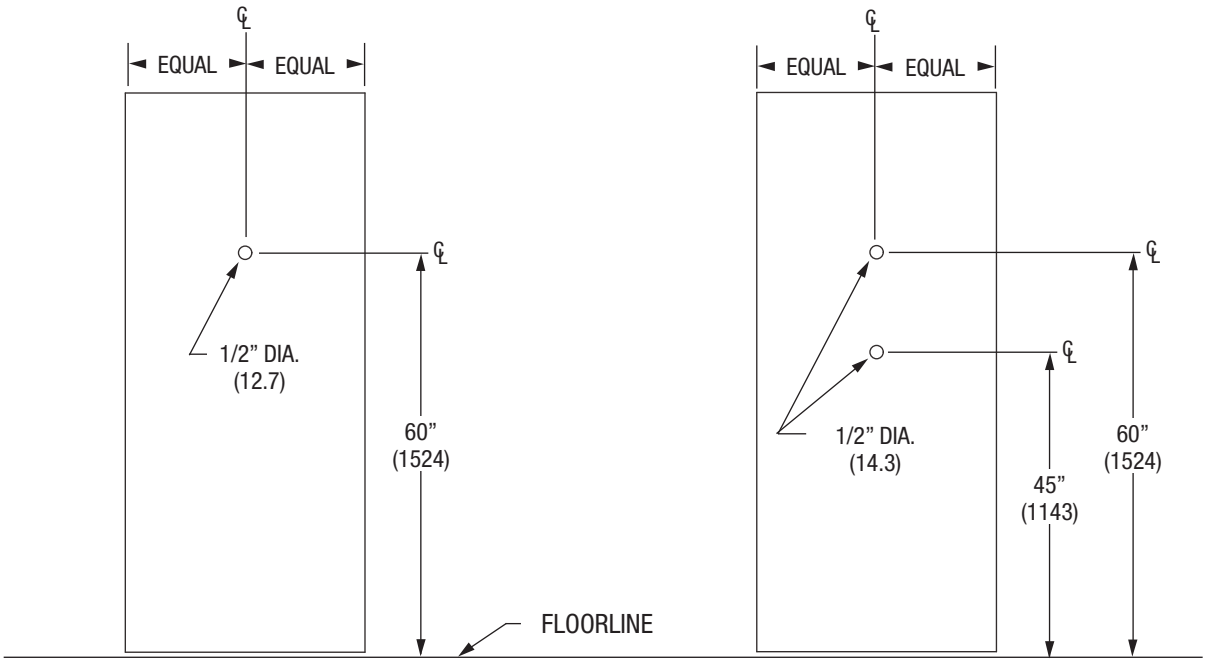




NOTE: LOUVER CUTOUT REINFORCING IS NOT PROVIDED AS STANDARD BUT MAY BE FURNISHED ON REQUEST.

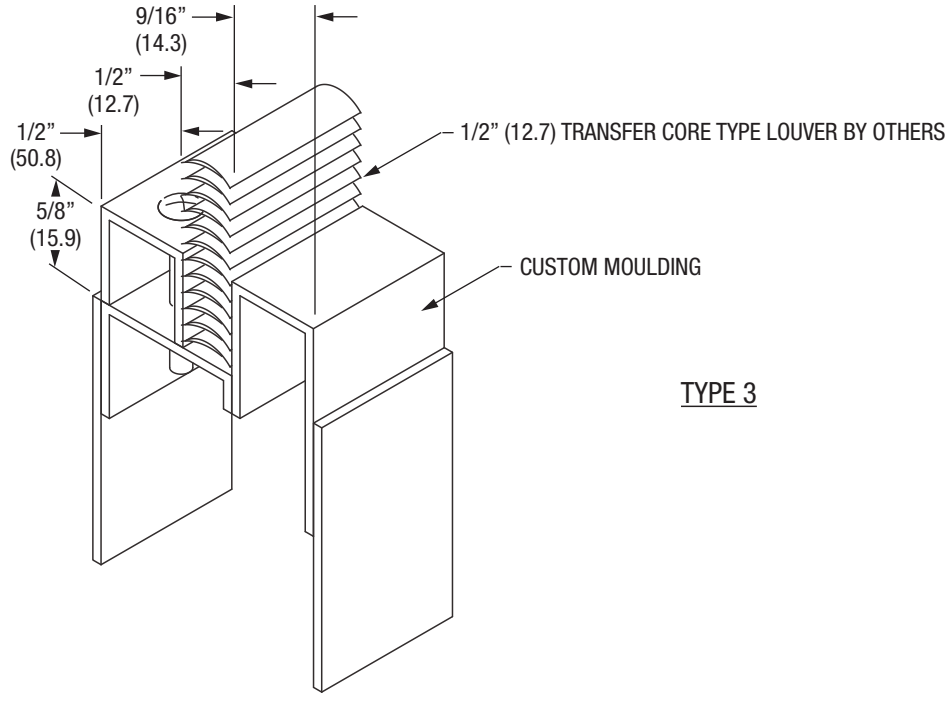
REINFORCING IS REQUIRED ON FIRE LABELED DOORS AND IS PROVIDED AS STANDARD.

April, 2002



FP	F2P	1/2" (12.7) DIA.
FP1	F2P1	9/16" (14.3) DIA.

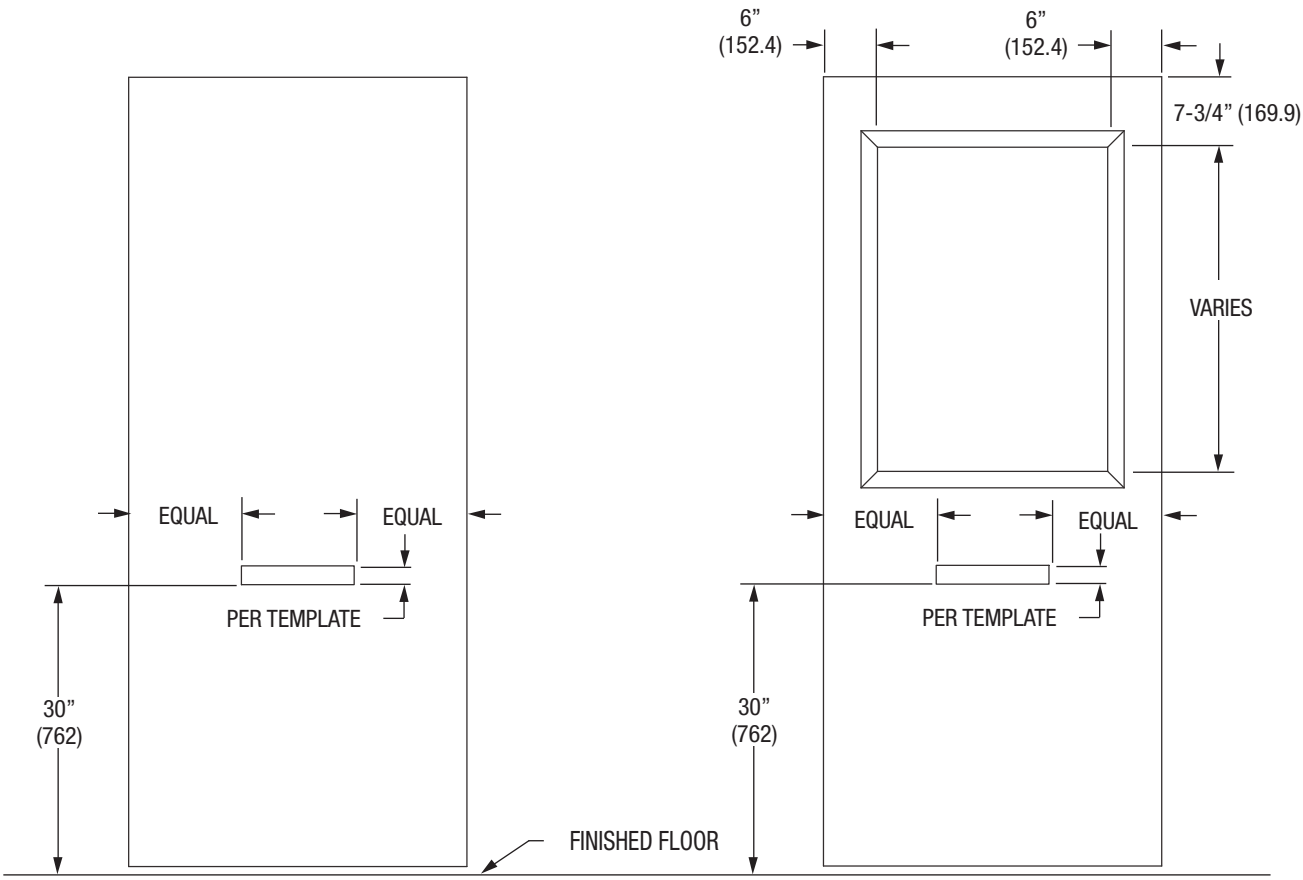
Transfer Core Type Louver Moulding



TYPE 3

Type 1 & 2 Window Moulding

L



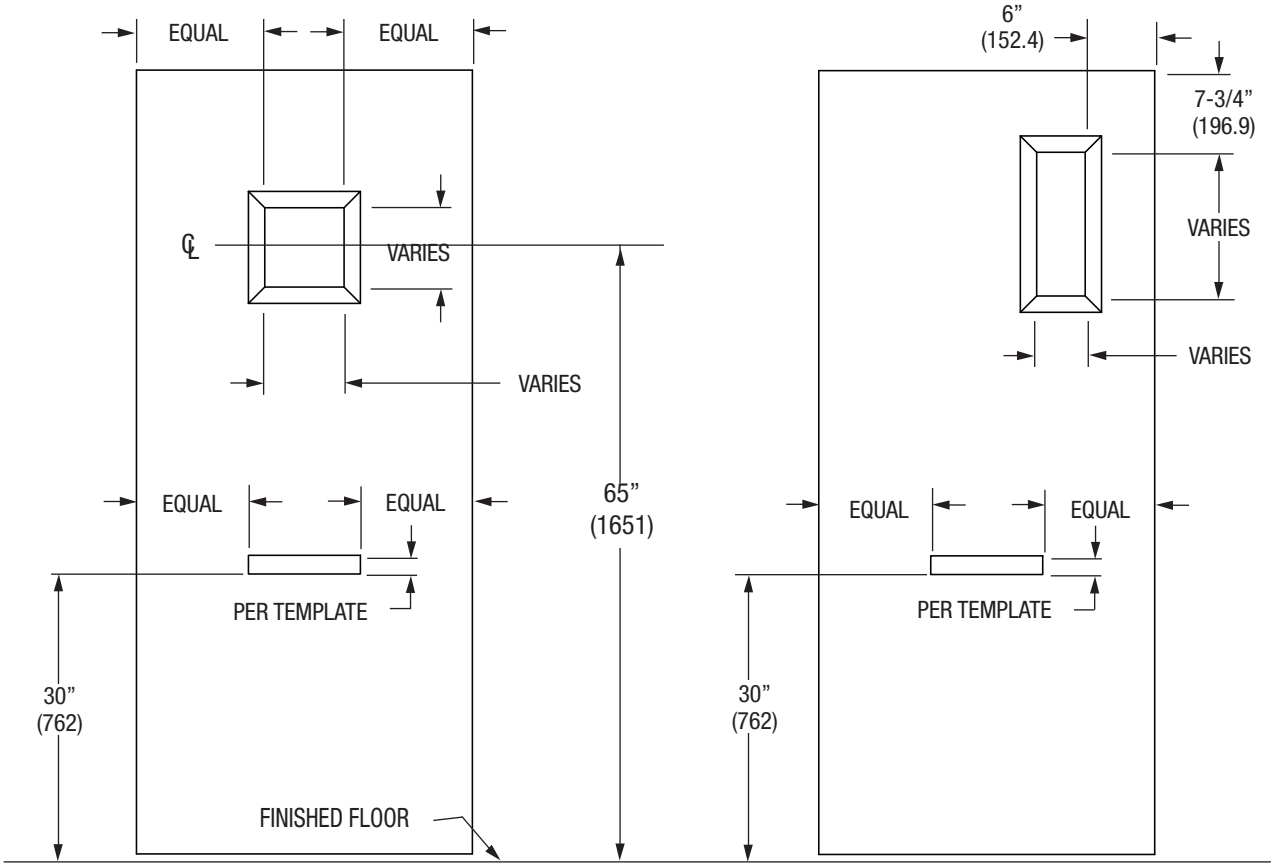
FMS
FMS = FLUSH MAIL SLOT

HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE: HG3MS
(3) WINDOW PANE-HALF GLASS
MAIL SLOT

May, 2010

Type 1 & 2 Window Moulding



FVMS
FV = FULL VISION STANDARDS
MS = MAIL SLOT

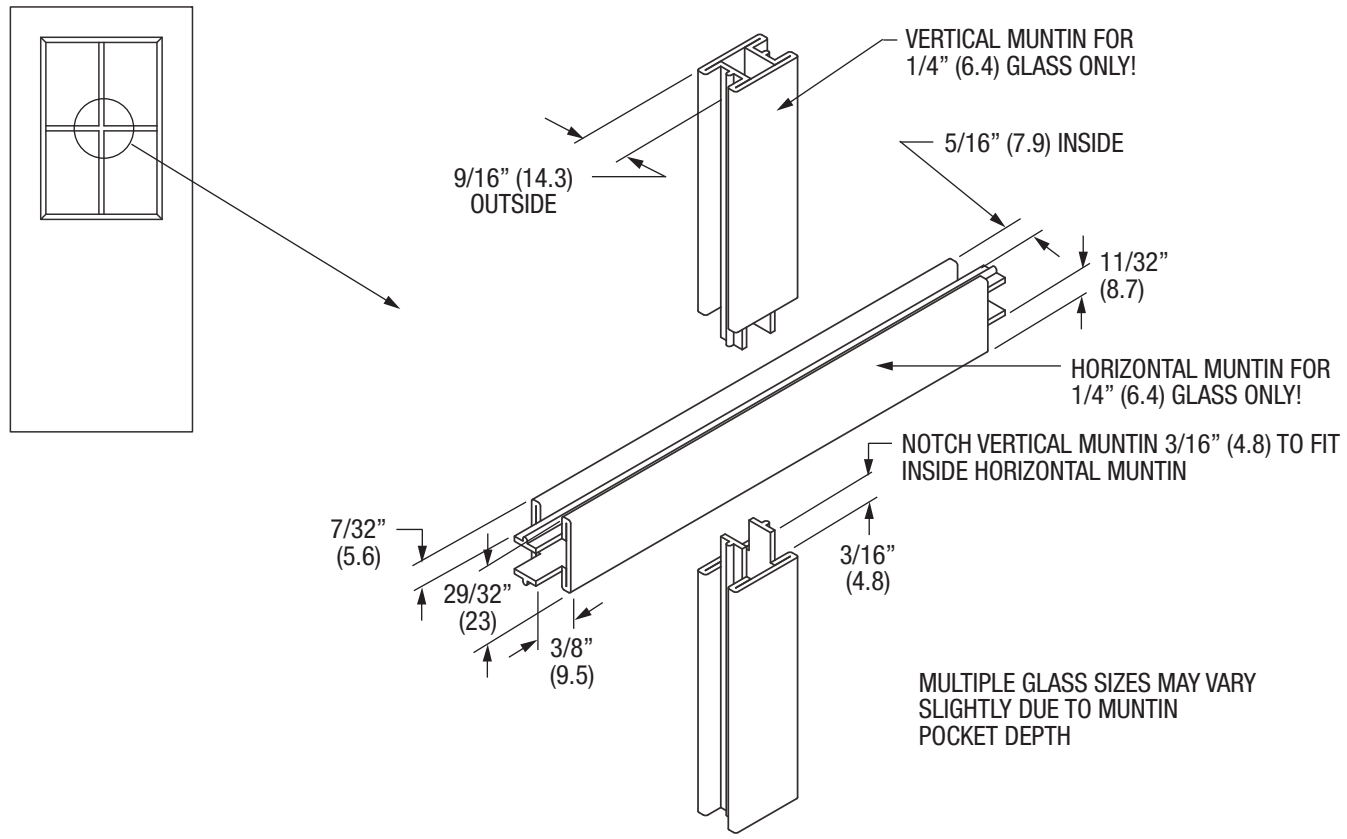
FNVMS
FNV = FULL NARROW VISION STANDARDS
MS = MAIL SLOT

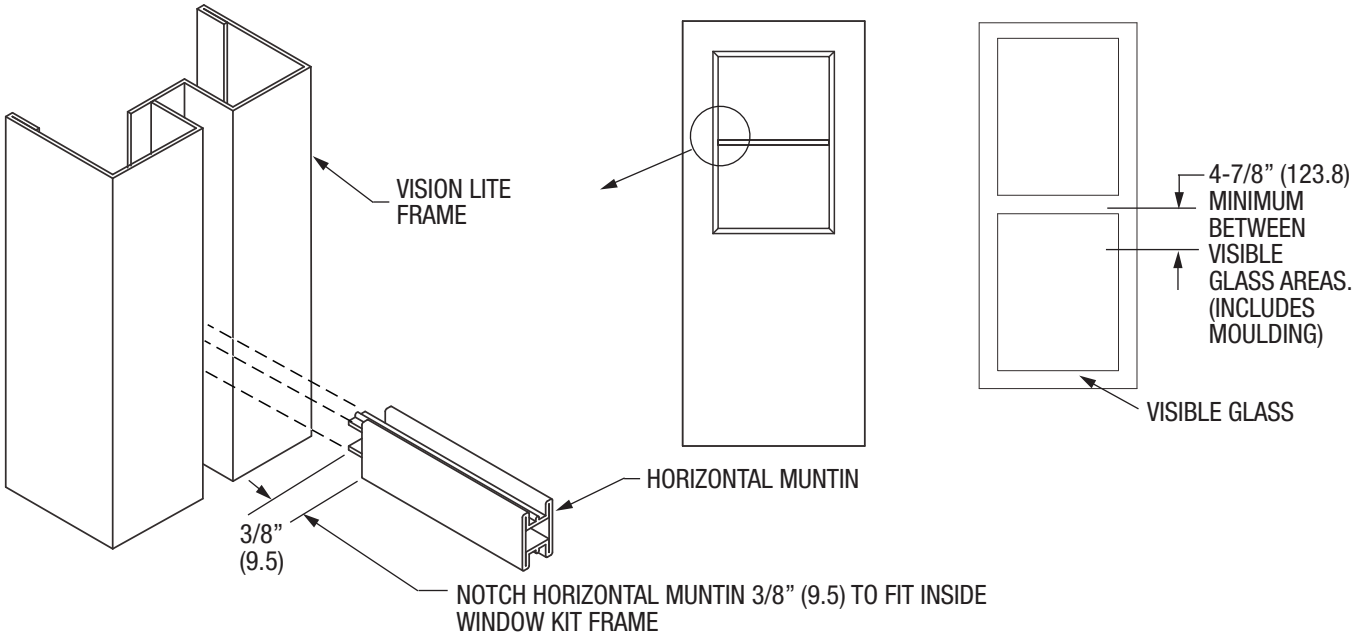
FVMS	10” (254) X 10” (254)
FV1MS	12” (304.8) X 12” (304.8)

EXAMPLE: FNV1MS
6” X 36” (152 X 914) NARROW VISION LITE
MAIL SLOT

AVAILABLE FOR TYPE 1, 3, 9 AND 11 WITH 3/8" POCKET ONLY.
AVAILABLE WITH CURRISTAIN DOORS. MUNTIN BAR IS NOT STAINED.

MUNTIN BAR PART NUMBER: CD002402





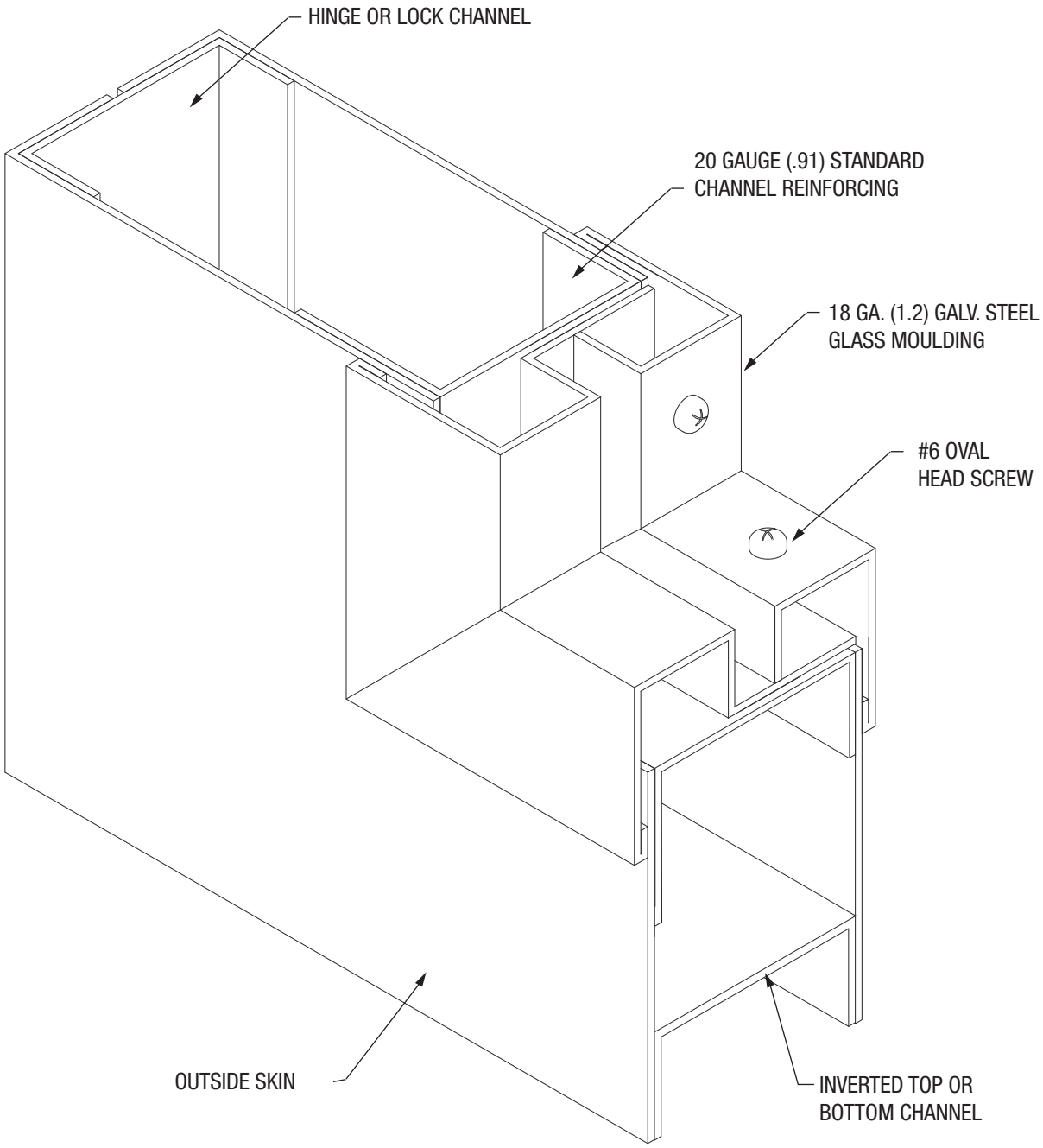
Cut Away View FG Moulding

Door Technical Data

April, 2002

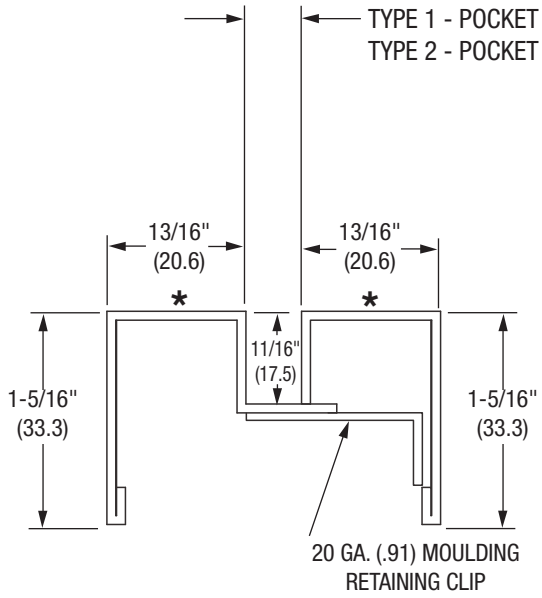
L

STANDARD WINDOW MOULDING
TYPE 1



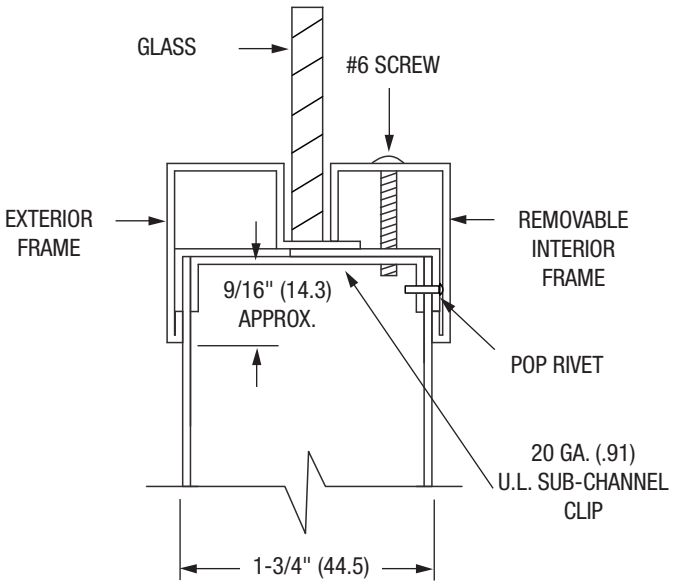
TYPES 1 & 2

SEE PAGE 155 FOR CURRIES STANDARD WINDOW KIT INFORMATION.



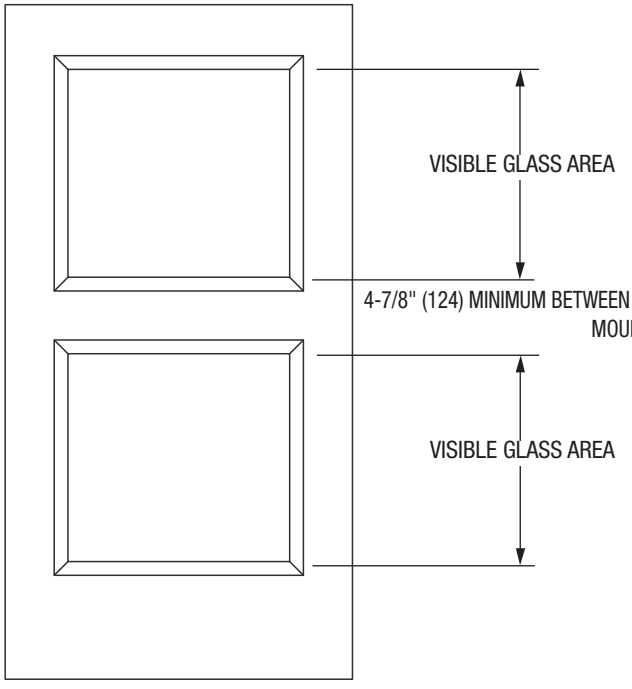
*VARIES WITH POCKET

NOTE: PLEASE NOTE WHEN KITS SHOULD BE USED ON 14 GAUGE DOORS.

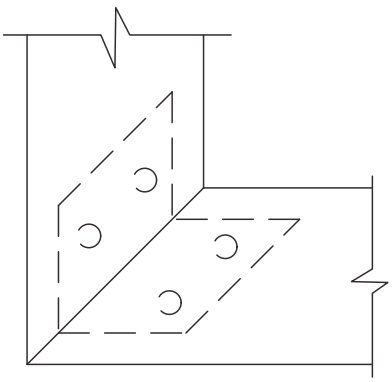


18 GA. (1.2) GALVANIZED STEEL VISION LITE FRAME

STEEL VISION LITE FRAME KITS AND STICK LENGTH PARTS ARE AVAILABLE FOR USE ON 847 SERIES DOORS.



NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.



CORNER DETAIL WITH CORNER CLIP WELDED IN

Wide Pocket Glass Moulding

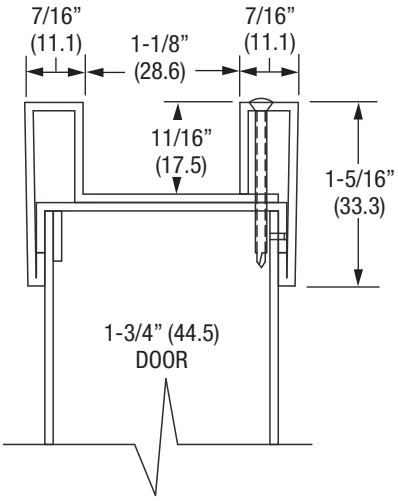
Door Technical Data

February, 2009

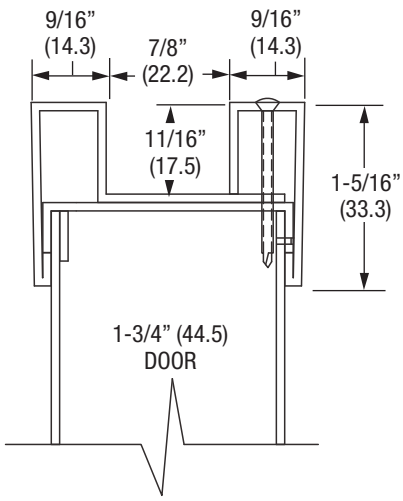
TYPE 2 (old style kits)

SEE PAGE 155 FOR CURRIES STANDARD WINDOW KIT INFORMATION.

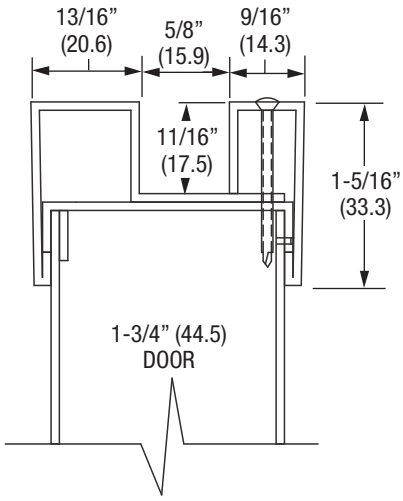
1-1/8" POCKET



7/8" POCKET

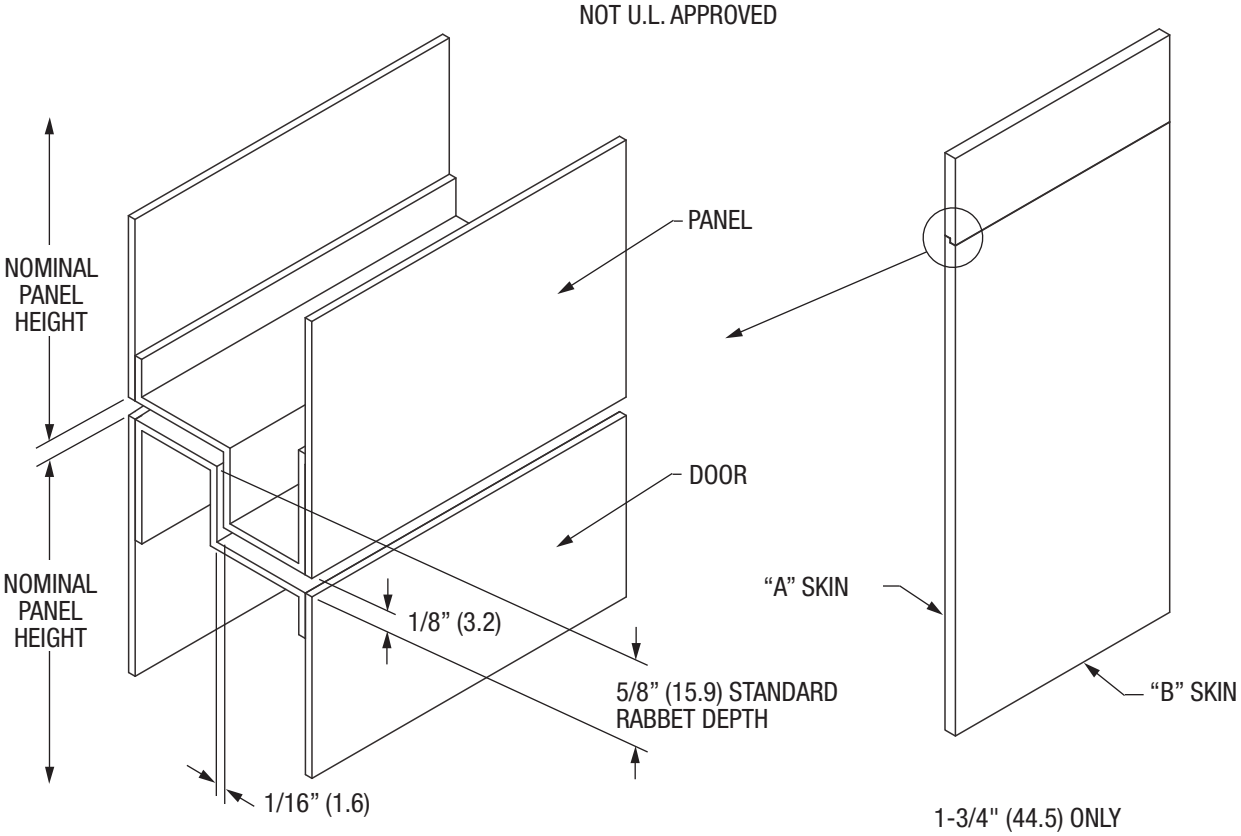


5/8" POCKET



Rabbeted Door and Panel

NOT U.L. APPROVED



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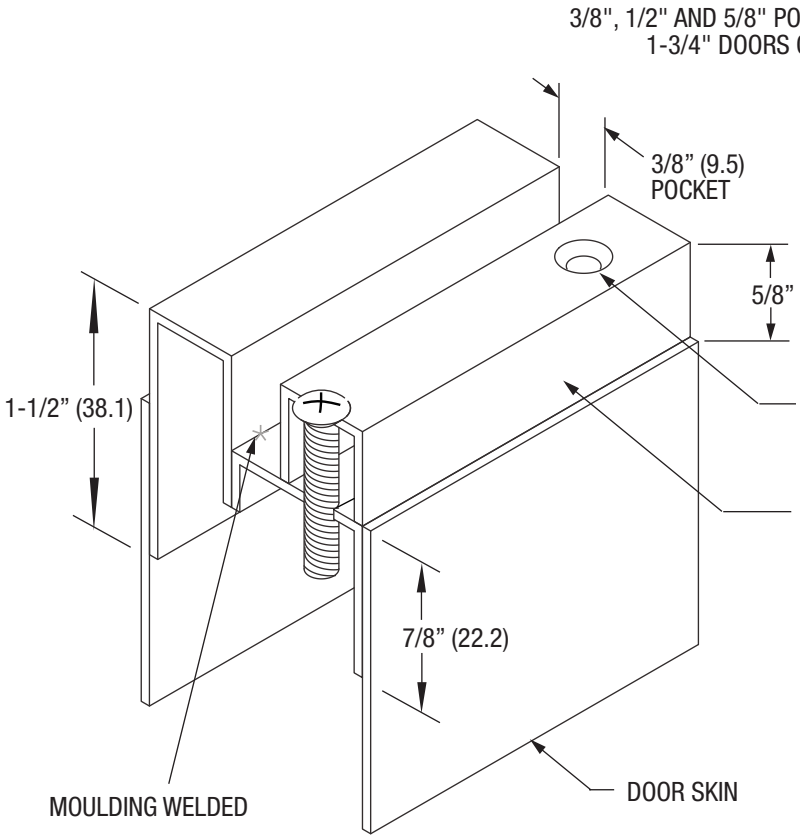
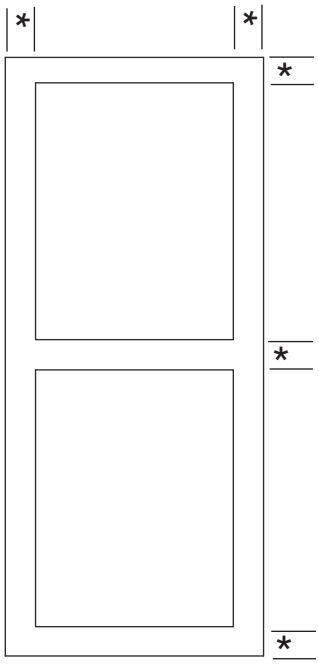


GLASS THICKNESS PLUS.125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
CUTOUT SIZE IS 1-1/4" LARGER THAN VISIBLE

NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.



* 3-1/8" (79.3) MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 3 MOULDING. "NO FIRE LISTING," LIMITED HARDWARE.

Special Concealed Moulding - "Z" Type

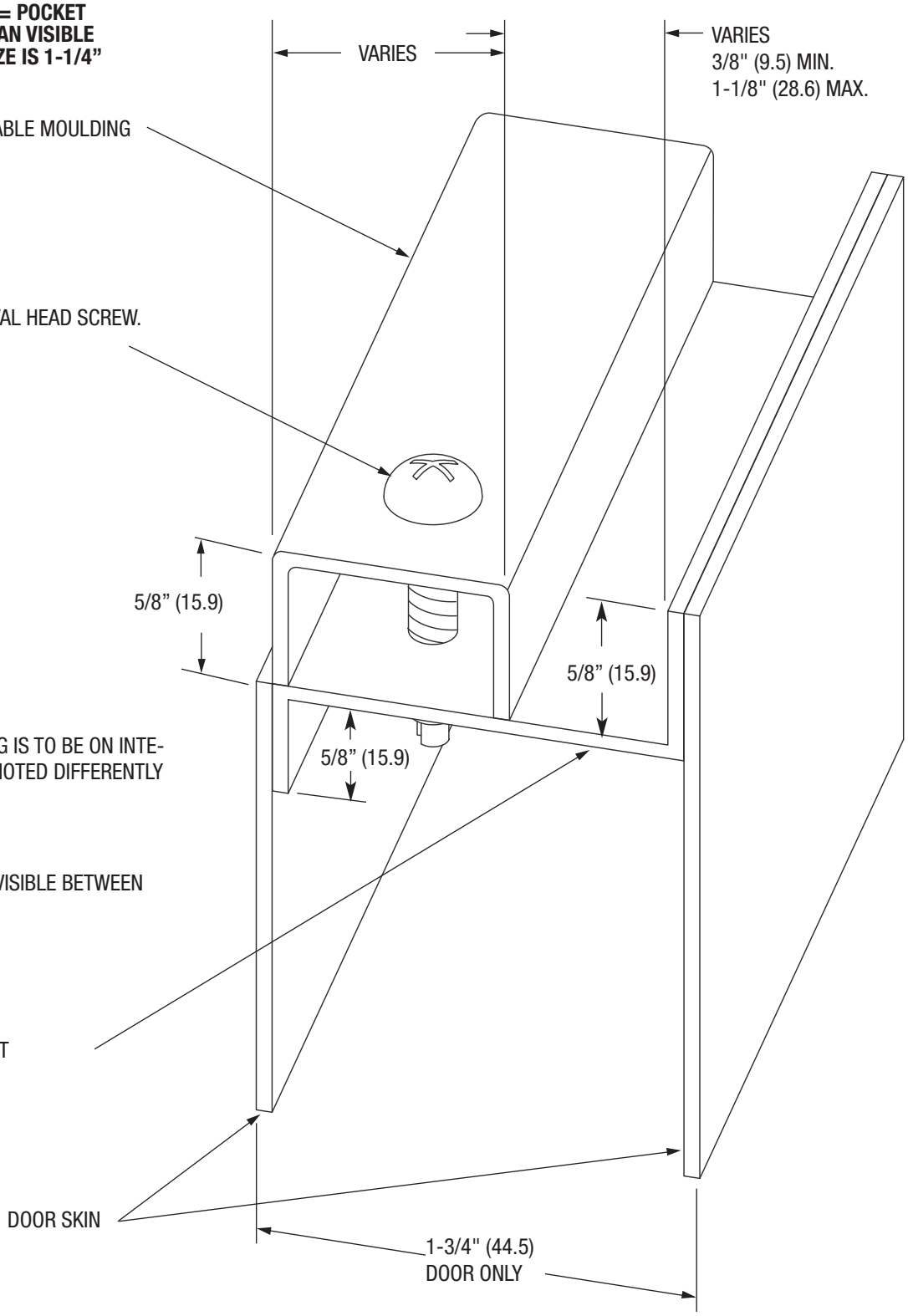
Door Technical Data

August, 2013

Ⓛ

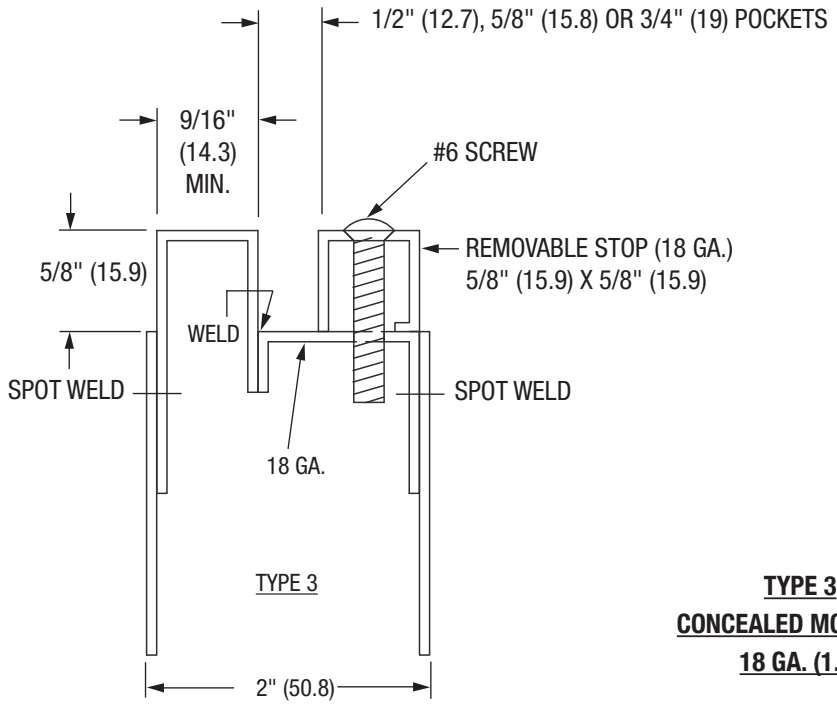
TYPE 4

GLASS THICKNESS PLUS.125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
REMOVABLE SIDE CUTOUT SIZE IS 1-1/4" LARGER THAN VISIBLE



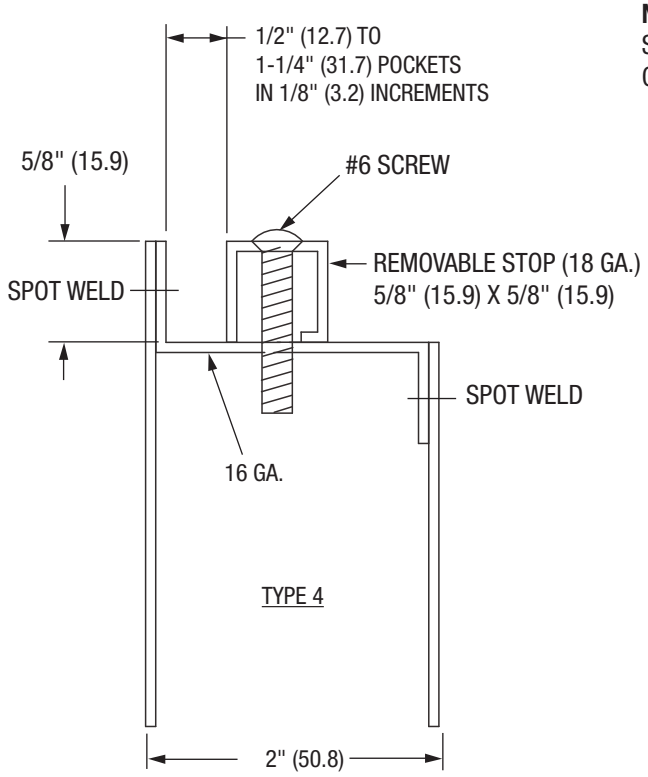
L

2" DOOR



TYPE 3
CONCEALED MOULDING
18 GA. (1.2)

NOTE: REMOVABLE MOULDING IS TO BE ON INTERIOR SIDE OF DOOR UNLESS NOTED DIFFERENTLY ON THE ORDER



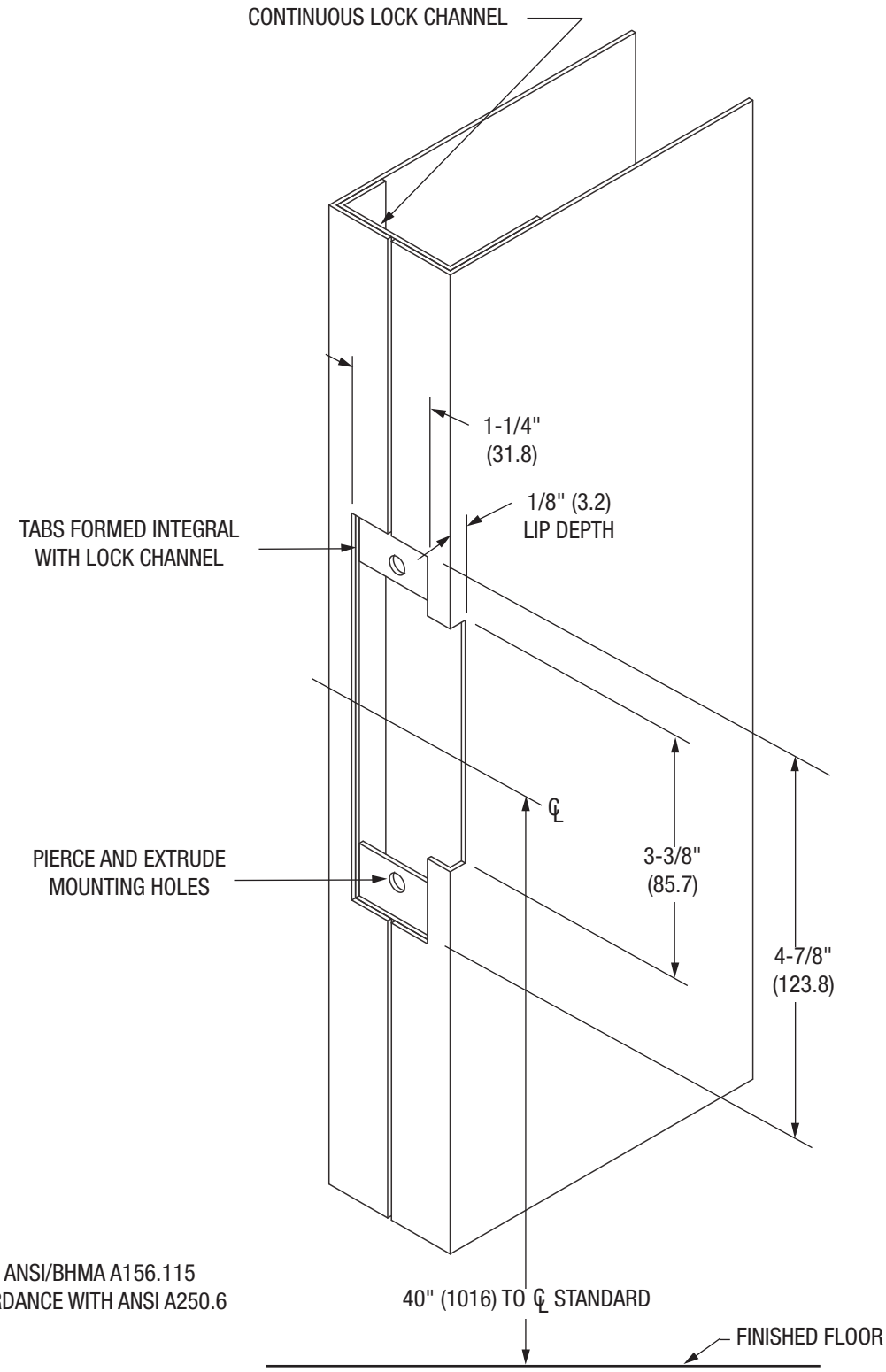
TYPE 4
CONCEALED MOULDING
WIDE POCKET
18 GA. (1.2)

E1 ANSI Strike Preparation in Inactive Leaf

Door Technical Data

April, 2011

L



NOTES

1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

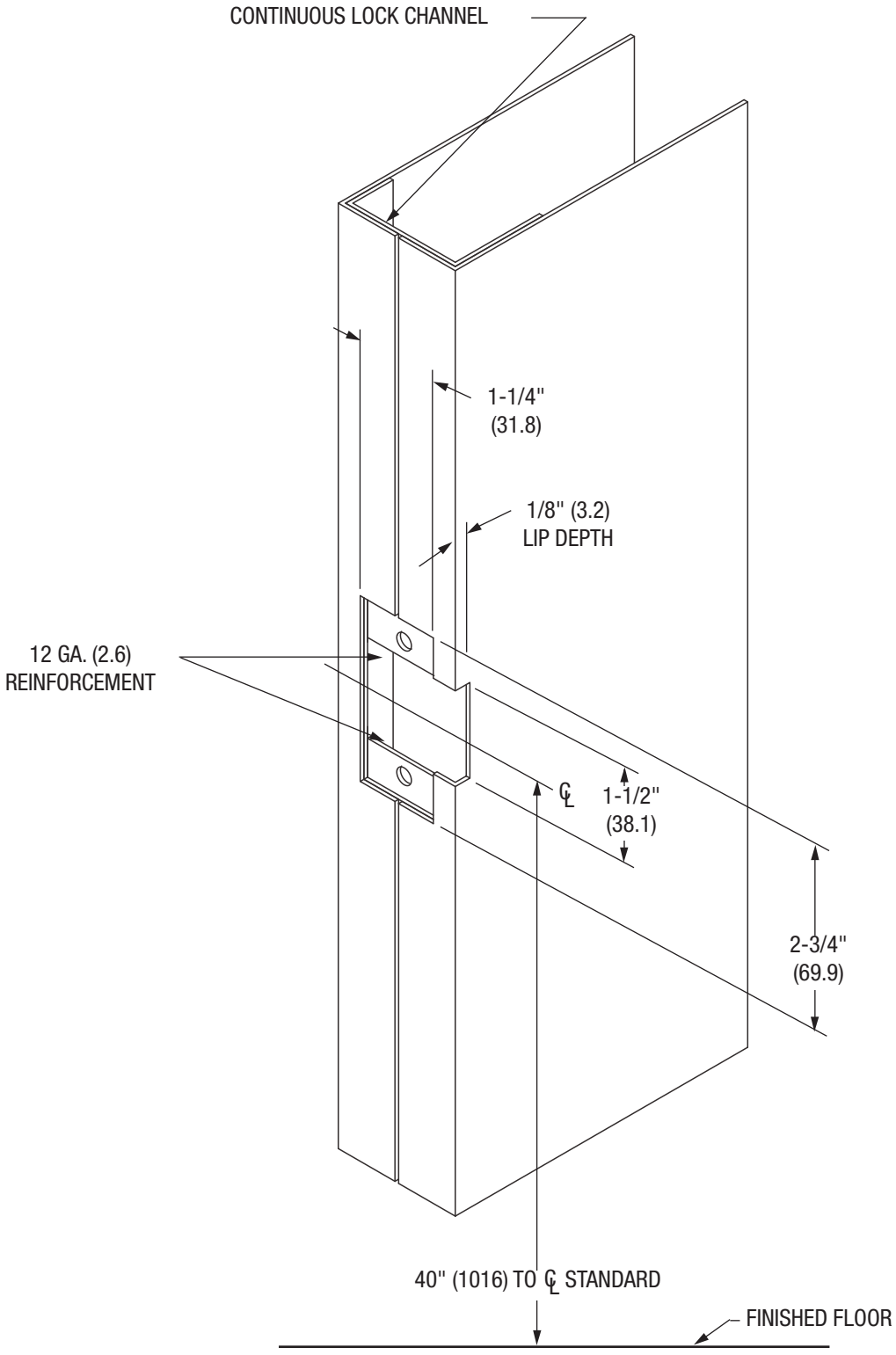
CURRIES
ASSA ABLOY

E2 Strike Preparation in Inactive Leaf

Door Technical Data

April, 2002

L

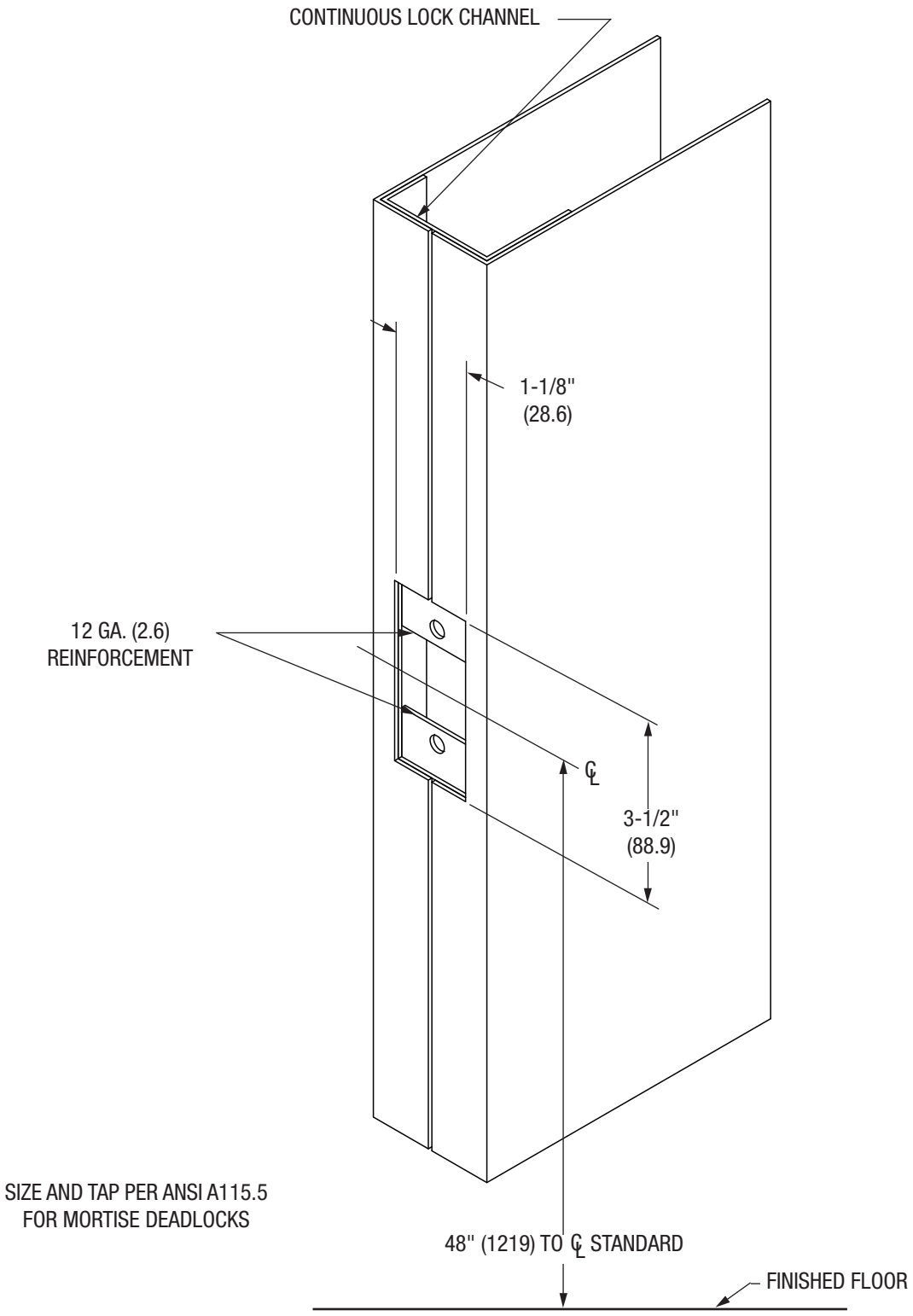


E3 ANSI Deadlock Strike Preparation in Inactive Leaf

Door Technical Data

April, 2002

L

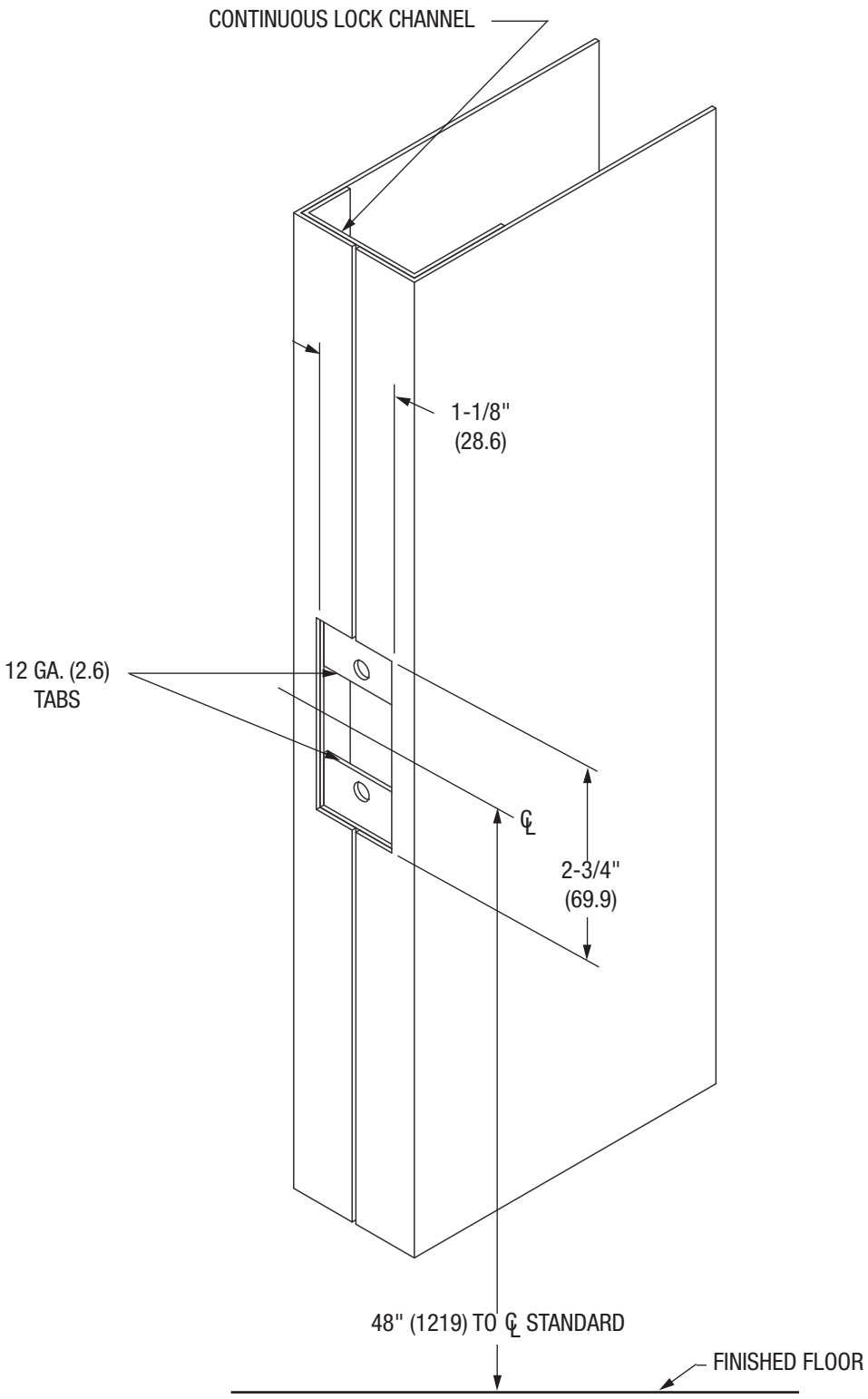


CURRIES
ASSA ABLOY

E4 Strike Preparation in Inactive Leaf

Door Technical Data

April, 2002

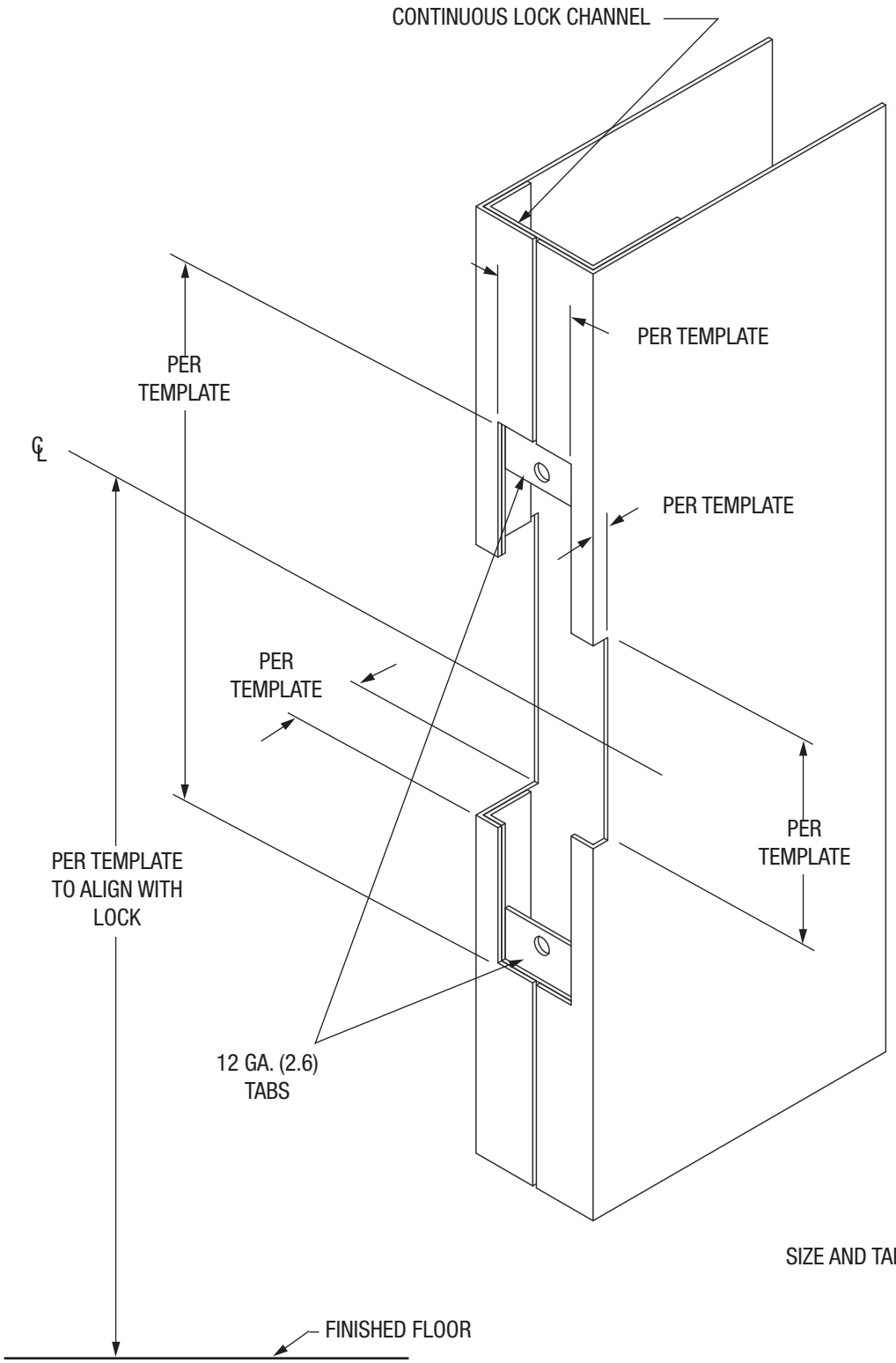


Open Back Strike (SOB)

Door Technical Data

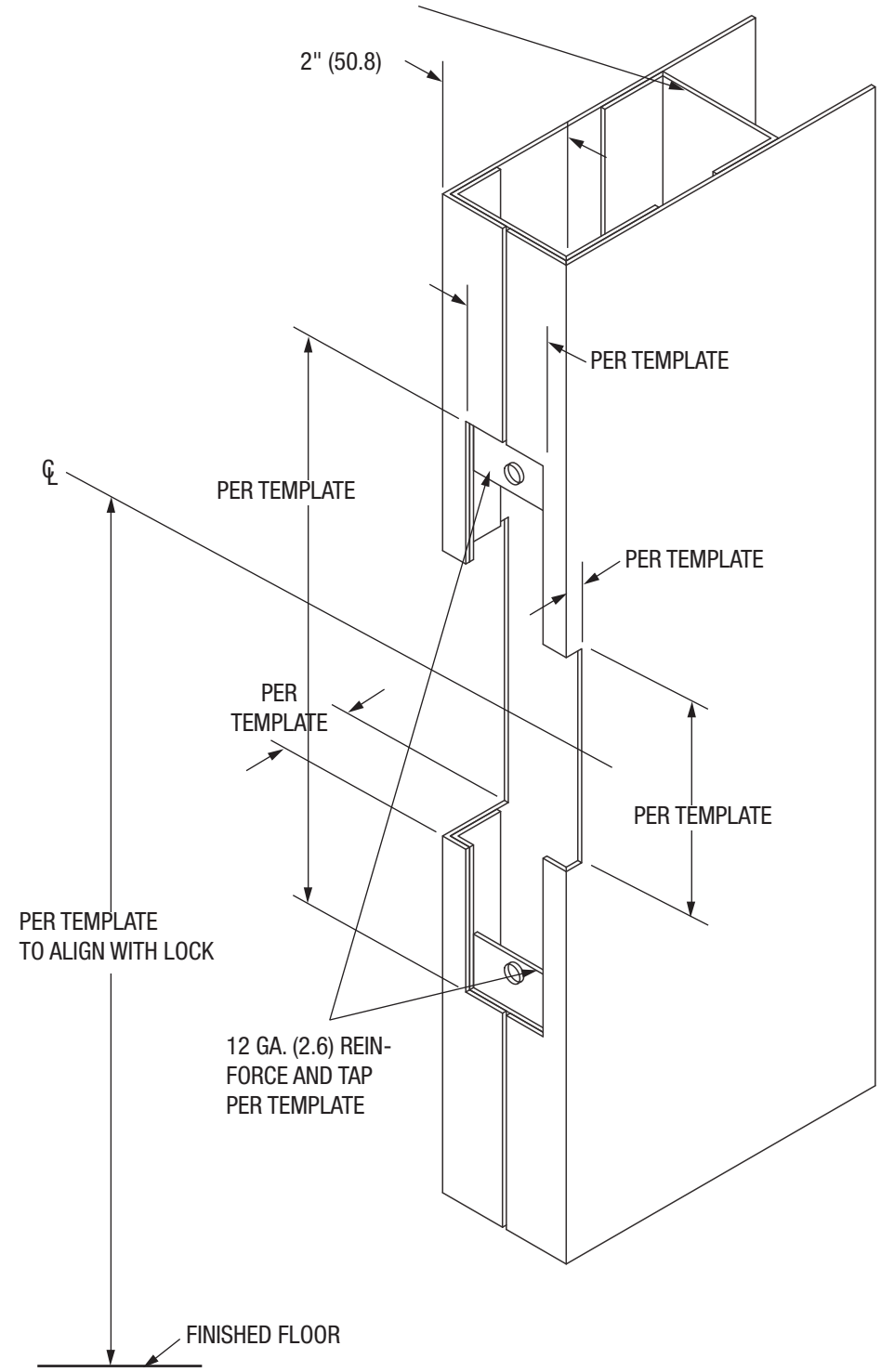
April, 2002

L



2" DOOR

ADDITIONAL REINFORCEMENT INSTALLED IF LIP DEPTH IS LONGER THAN LOCK CHANNEL LEG.

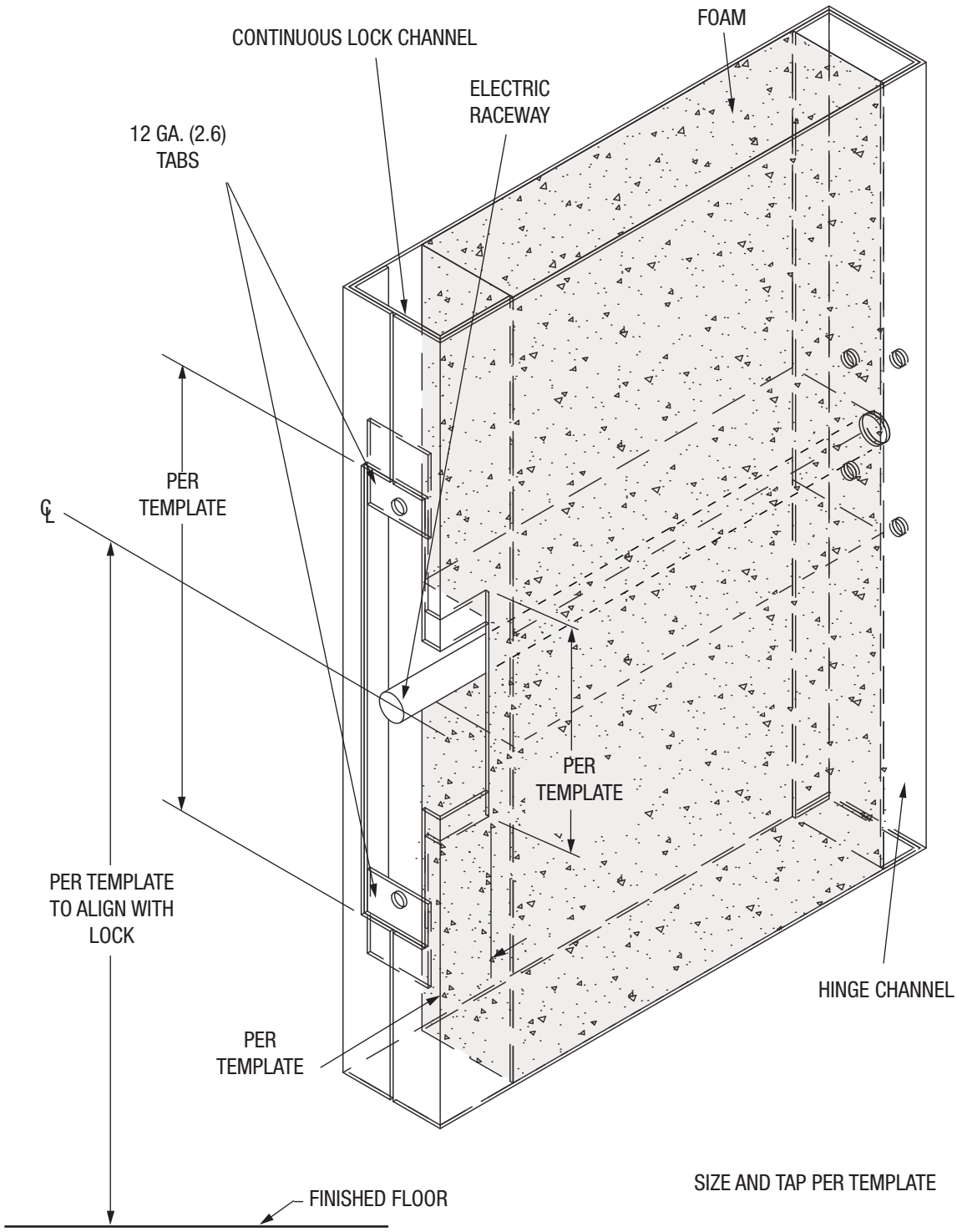


Door Electric Strike (E9)

Door Technical Data

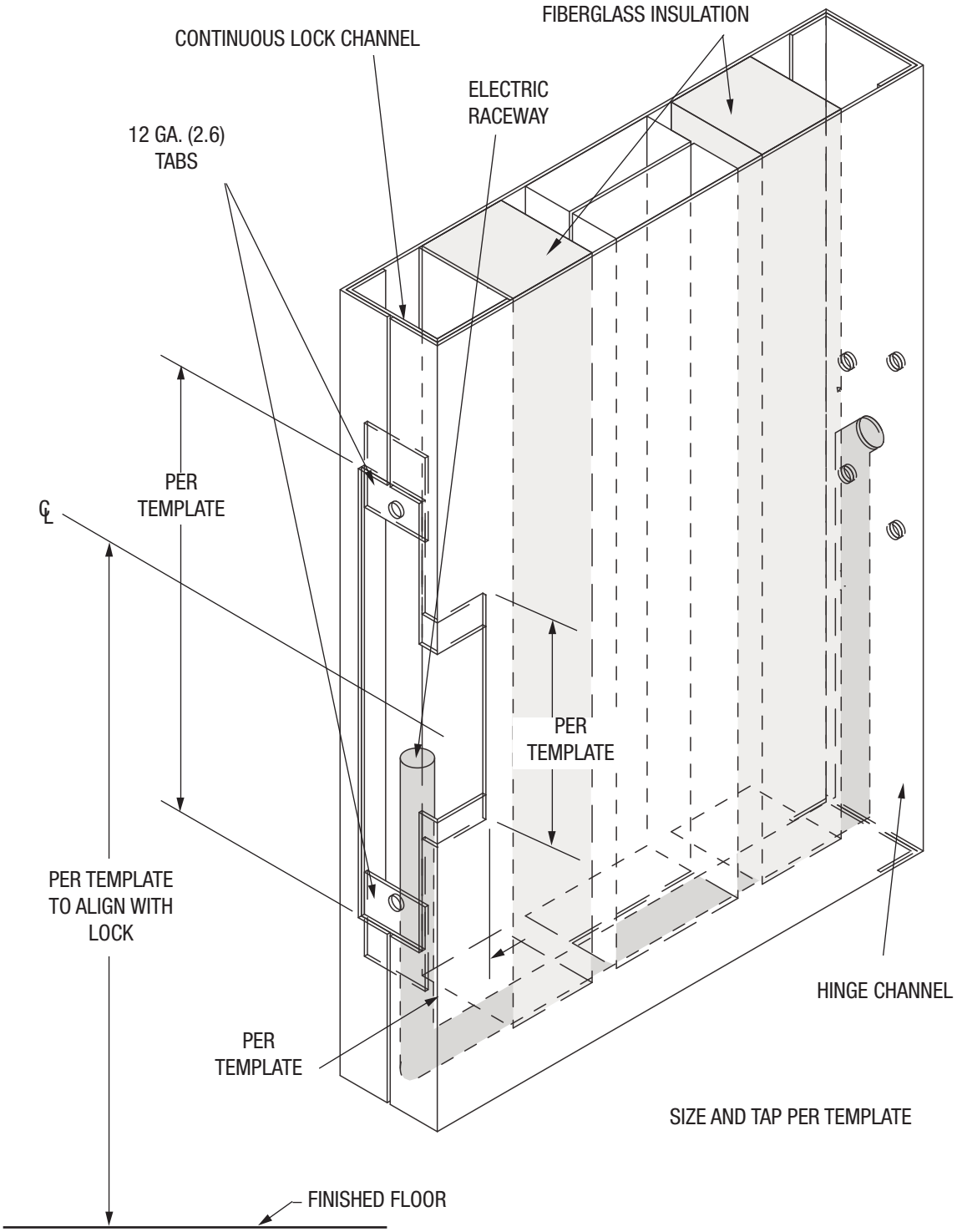
April, 2002

L



SIZE AND TAP PER TEMPLATE

L

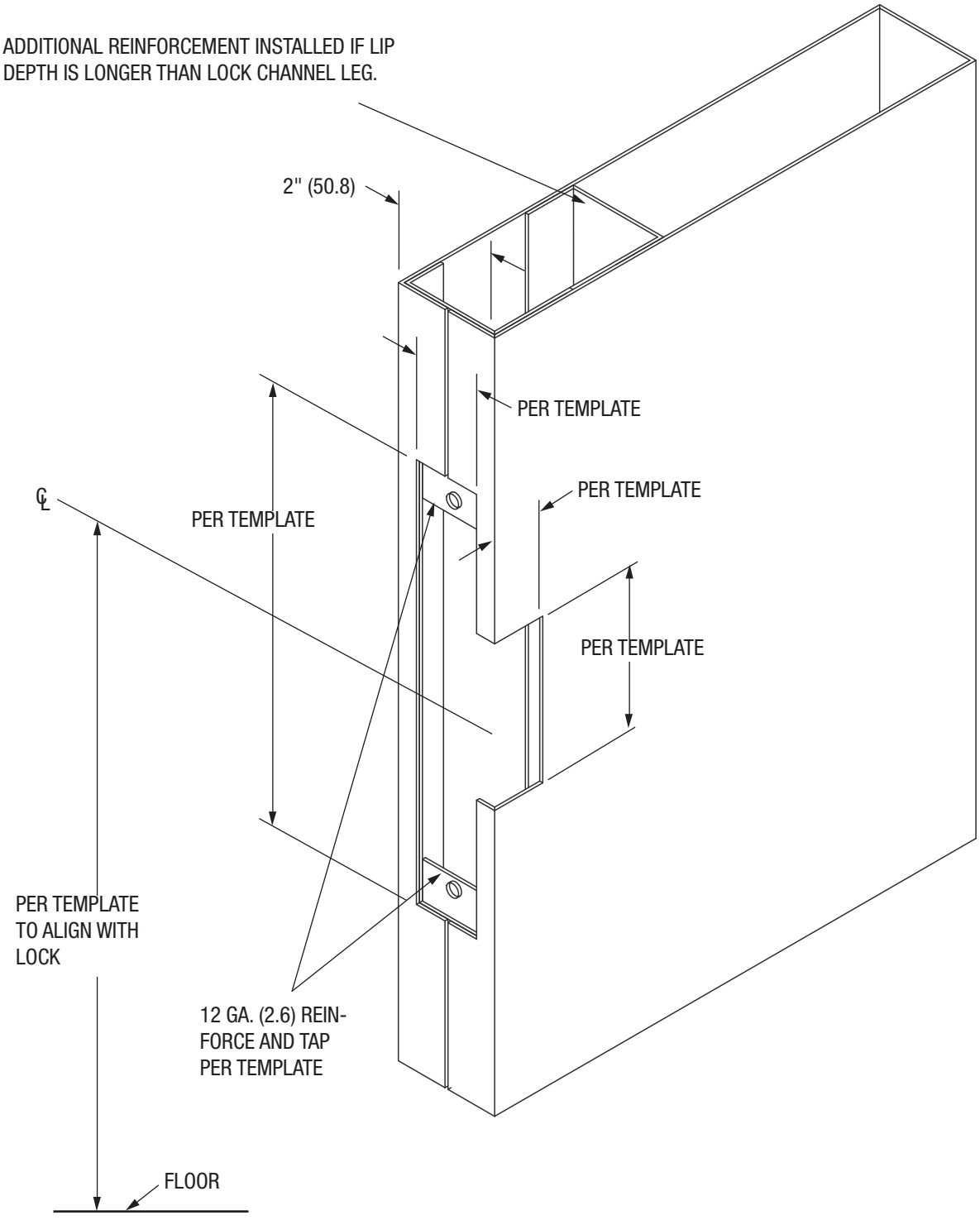

FIBERGLASS INSULATION
CONTINUOUS LOCK CHANNEL
ELECTRIC RACEWAY
12 GA. (2.6) TABS
PER TEMPLATE
℄
PER TEMPLATE
PER TEMPLATE TO ALIGN WITH LOCK
HINGE CHANNEL
PER TEMPLATE
SIZE AND TAP PER TEMPLATE
FINISHED FLOOR

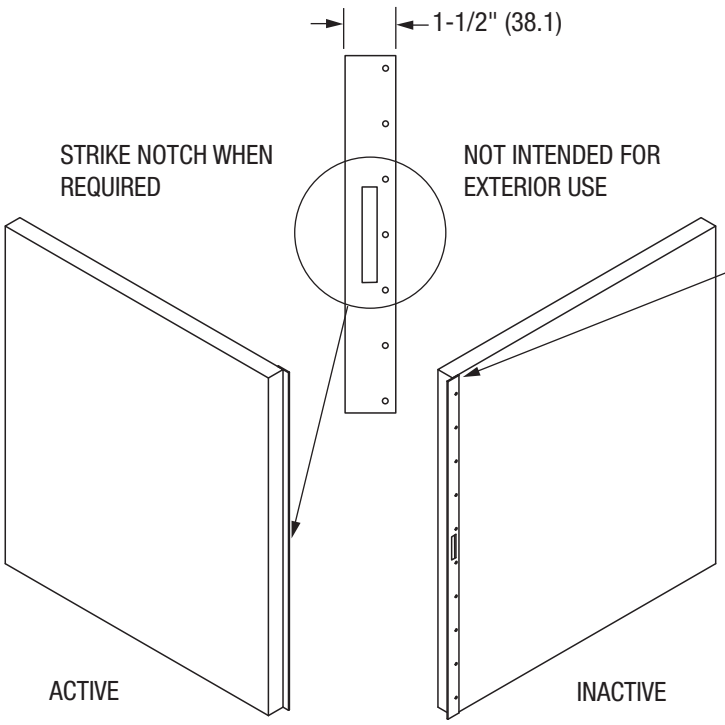
857 E9 Security Door Electric Strike

Door Technical Data

April, 2002

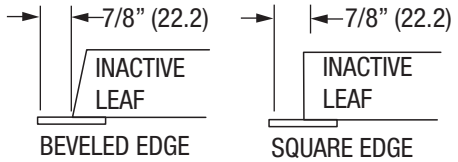
2" DOOR

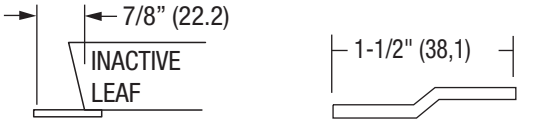


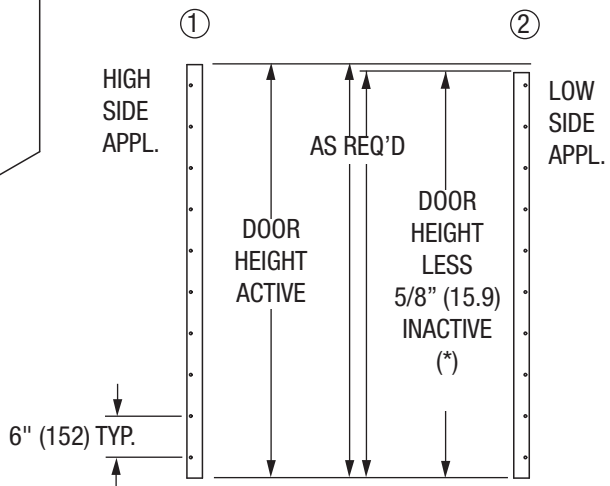


GAUGE: 12
STEEL TYPE: CR OR GALVANNEAL

CURRIES STANDARD PRACTICE IS TO SUPPLY ASTRAGAL 5/8" (15.9) SHORT OF DOOR HEIGHT TO CLEAR FRAME STOP AT HEAD ON INACTIVE DOOR ONLY!

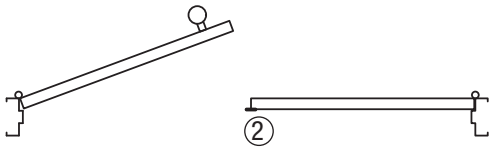




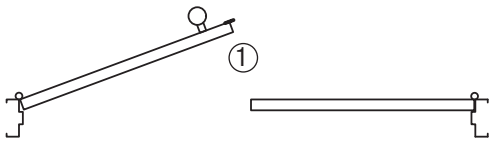


(*) SPECIAL STOP HEIGHTS CAN VARY LENGTHS

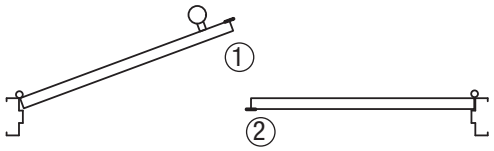
STANDARD SCREW PLACEMENT USING #6 OVAL HEAD SCREWS (ALSO AVAILABLE WELDED) "MIN. REQ'D FOR U.L. LISTING"



SINGLE ASTRAGAL ON LOW SIDE OF INACTIVE LEAF STANDARD.



SINGLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF. E1 STRIKE ON ACTIVE LEAF REQUIRES NOTCH ON ASTRAGAL.



DOUBLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF AND LOW SIDE OF INACTIVE LEAF.

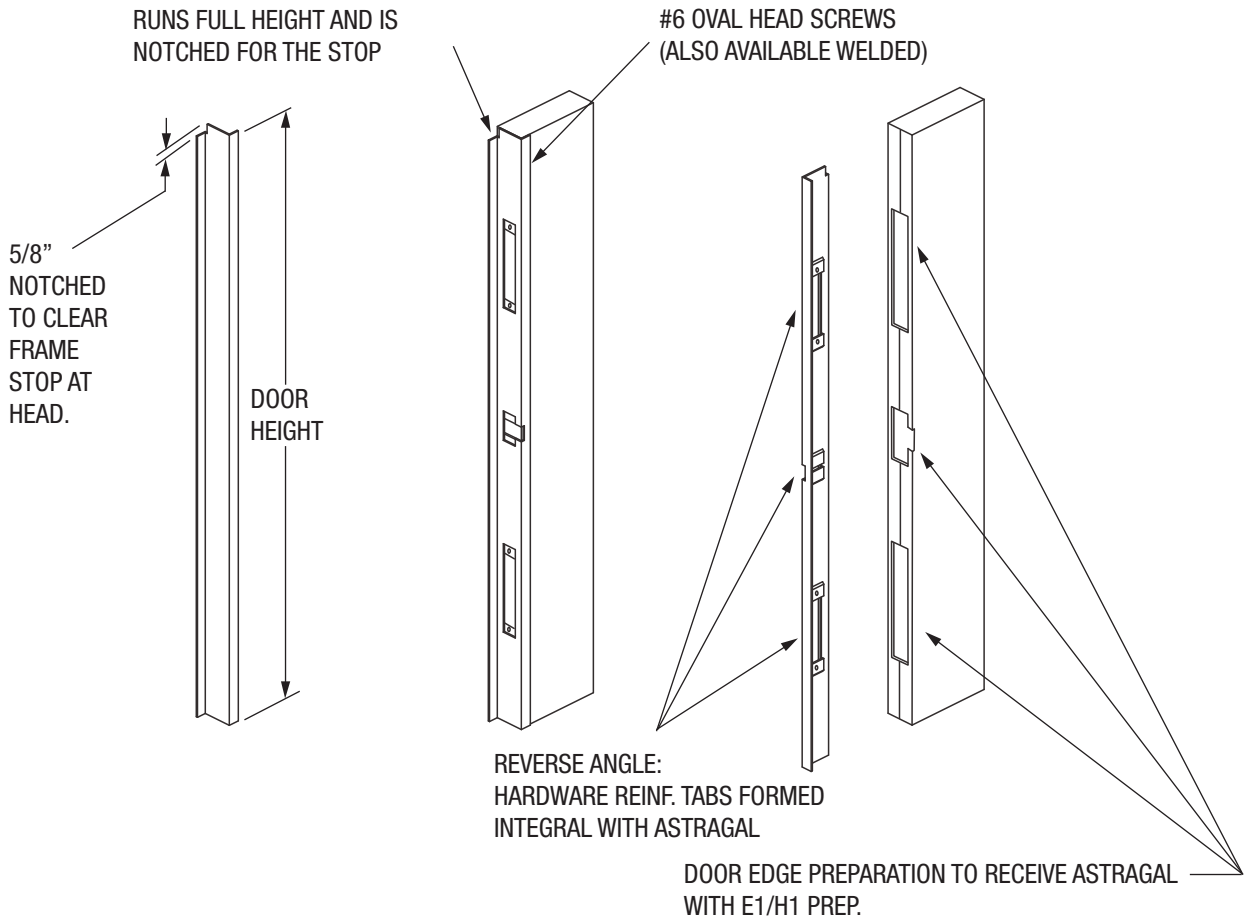
"Z" Astragal Locations and Handing

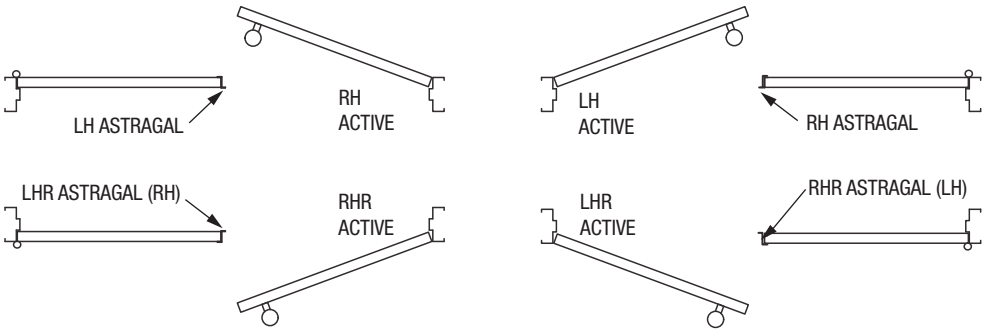
Door Technical Data

October, 2002

L

GAUGE: 14
STEEL TYPE: GALVANEAL

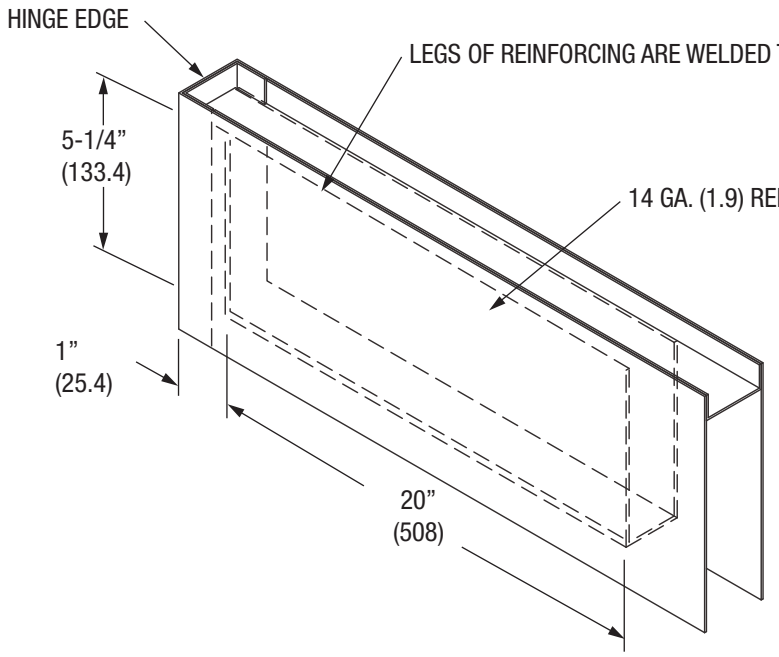




BEVELED ASTRAGAL

SQUARE ASTRAGAL

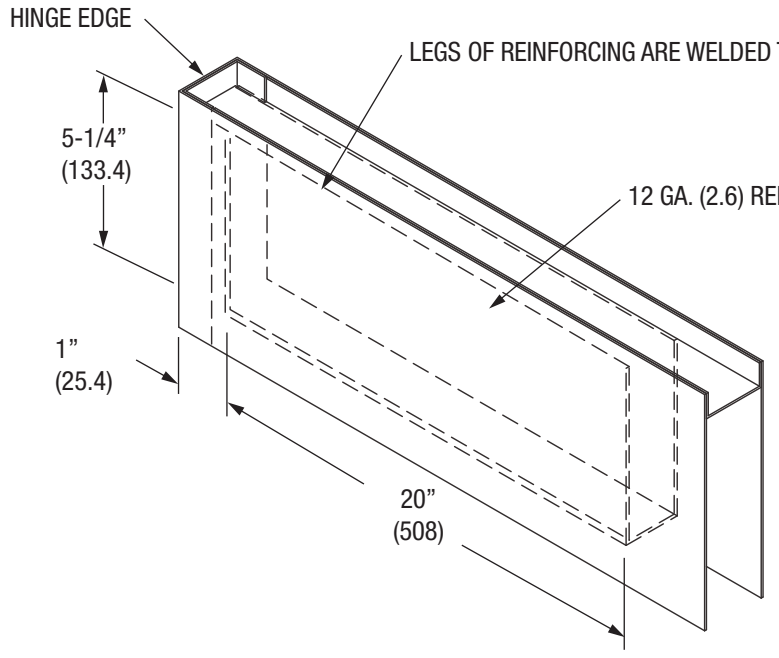
L



DOOR SERIES
607, 707, 727
737, 747

C2 Optional Closer Reinforcement

L

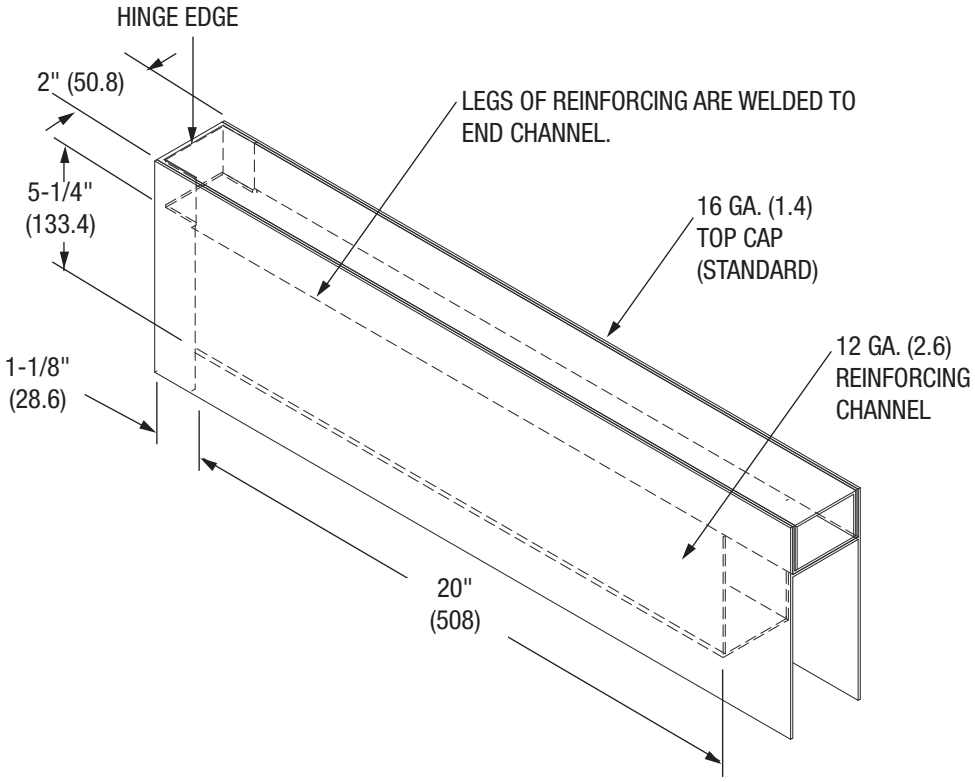


12 GAUGE OPTION
DOOR SERIES
707, 727
737, 747

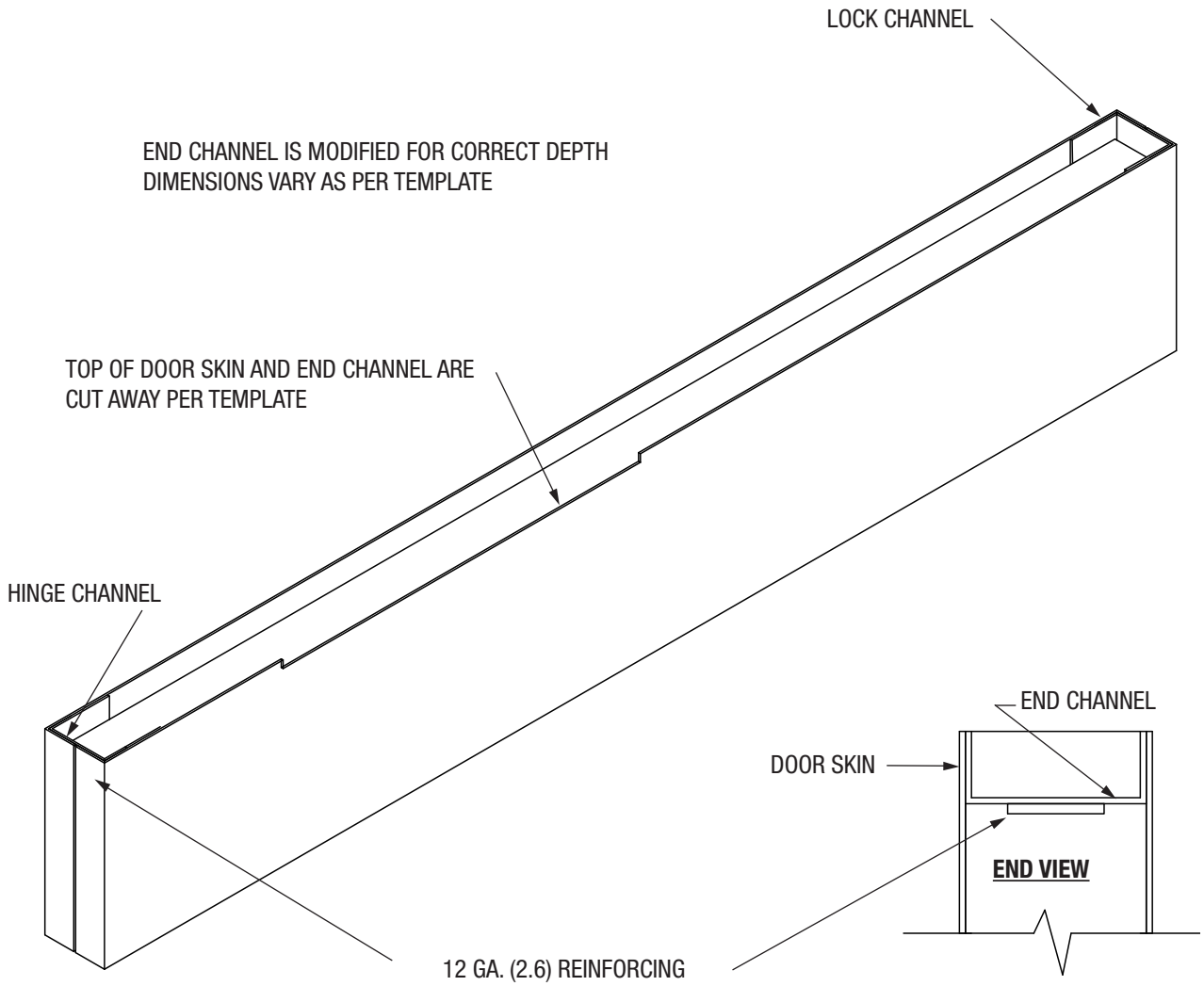
857 Standard Surface Closer Reinforcement

Door Technical Data

October, 2002



L



MOUNTING HOLES SHALL BE DRILLED AND TAPPED IN THE FIELD FOR DESIRED HOLD OPEN ANGLE.

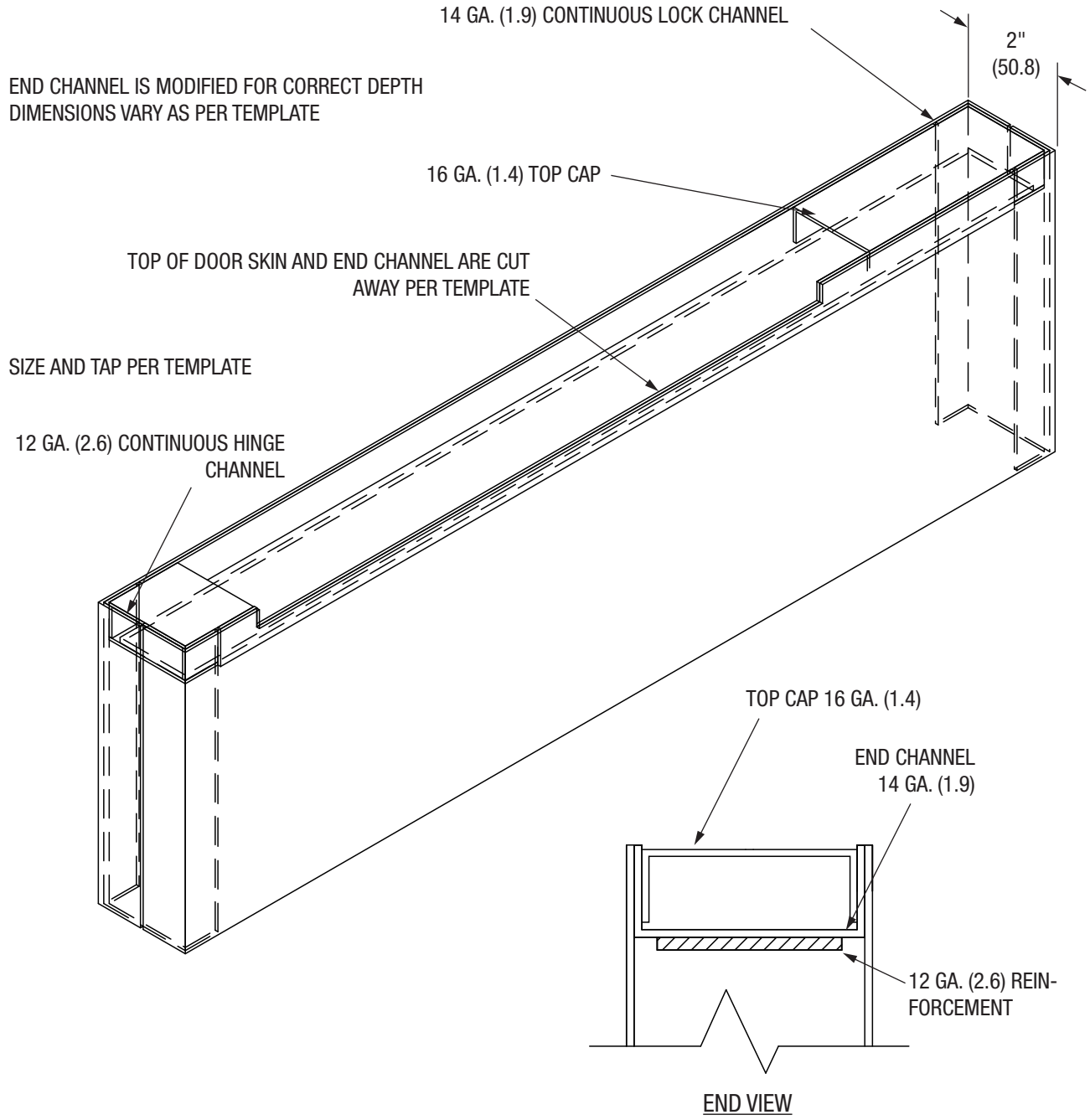
857 Concealed Overhead Stop Reinforcement

Door Technical Data

April, 2002

Ⓛ

2" DOOR



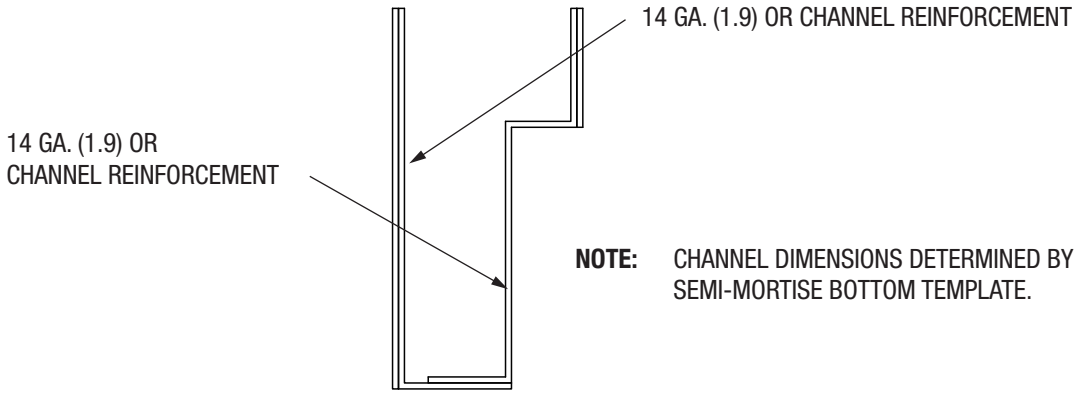
END VIEW

CURRIES
ASSA ABLOY

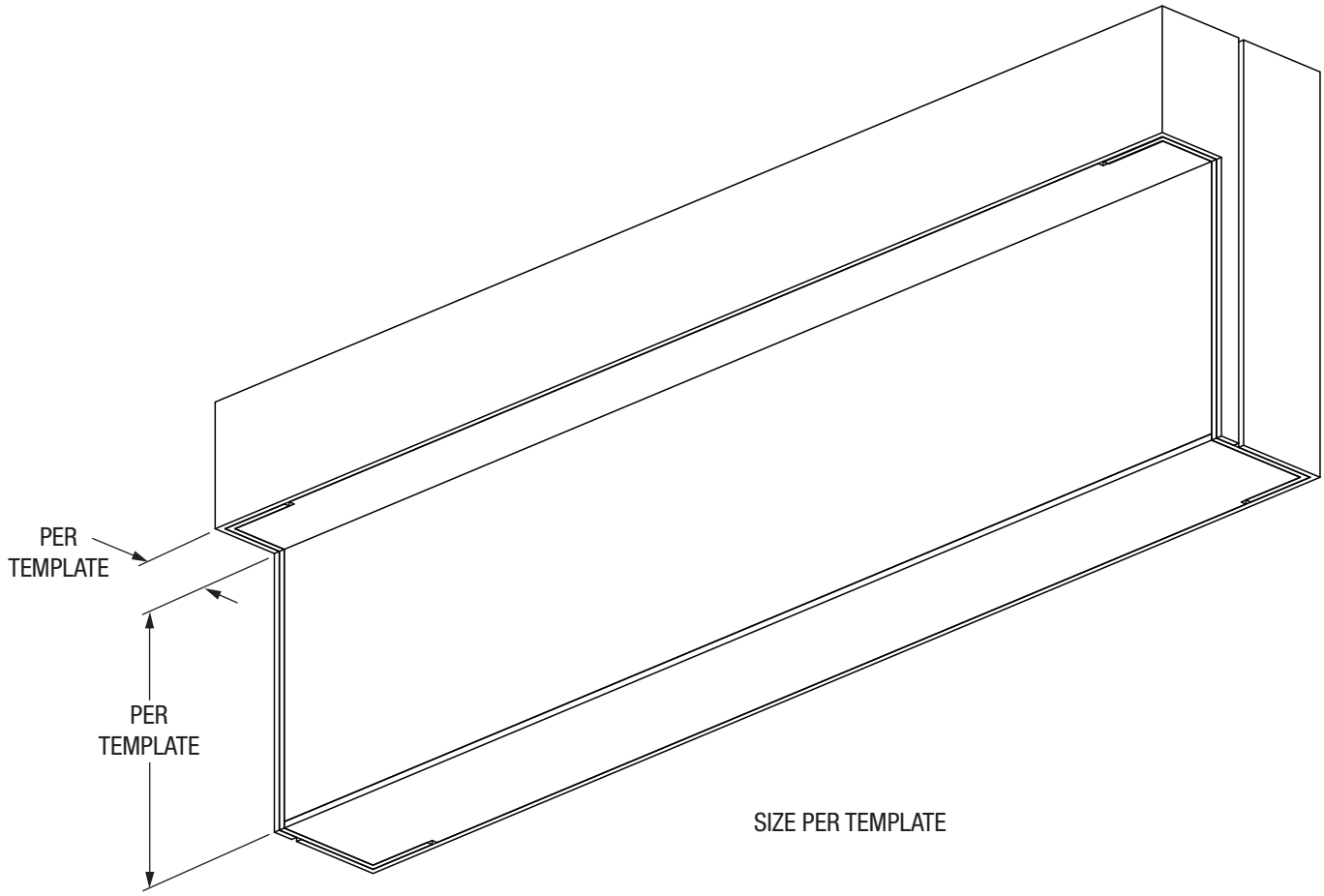
Semi-Mortise Door Bottom Preparation

Door Technical Data

April, 2002



NOTE: CHANNEL DIMENSIONS DETERMINED BY SEMI-MORTISE BOTTOM TEMPLATE.

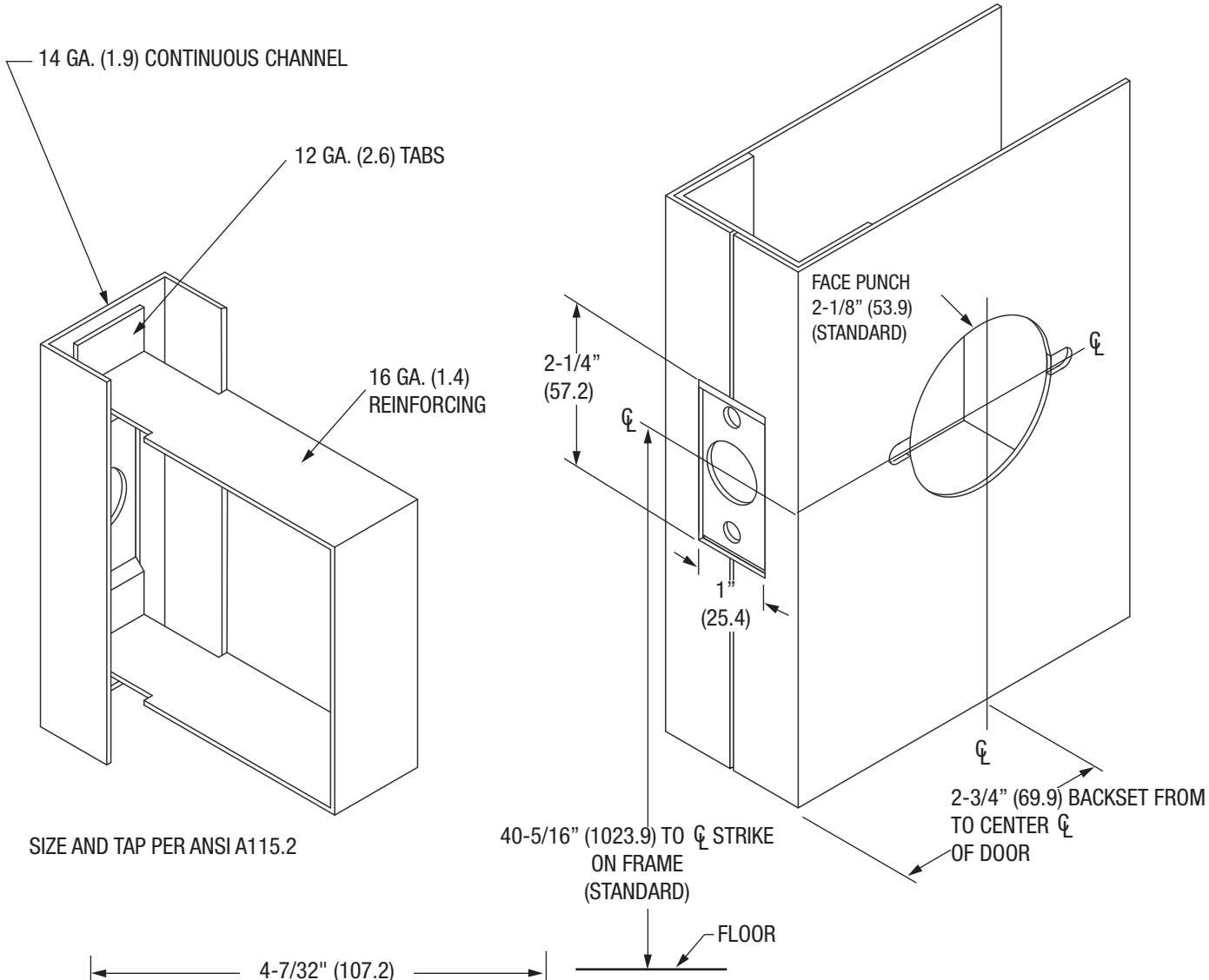


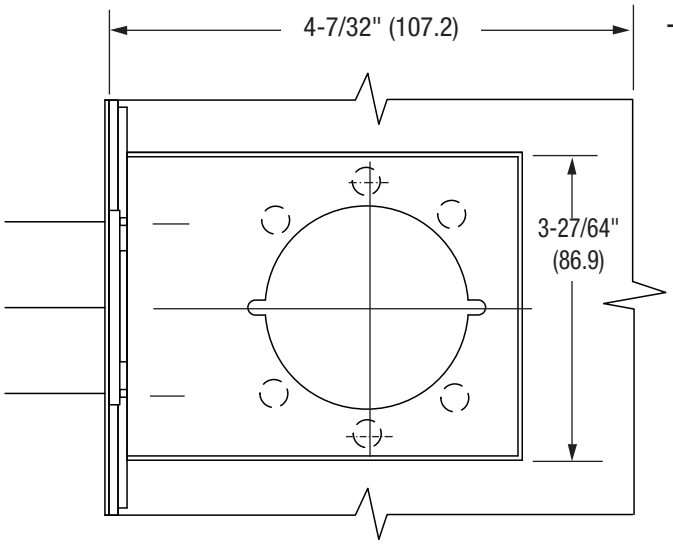
G1 Govt. 160 Reinf. Cylindircal Lock 1-3/8" Door

Door Technical Data

April, 2002

NOTE: NO LATCH BOLT GUIDE REQUIRED FOR 1-3/8" DOOR





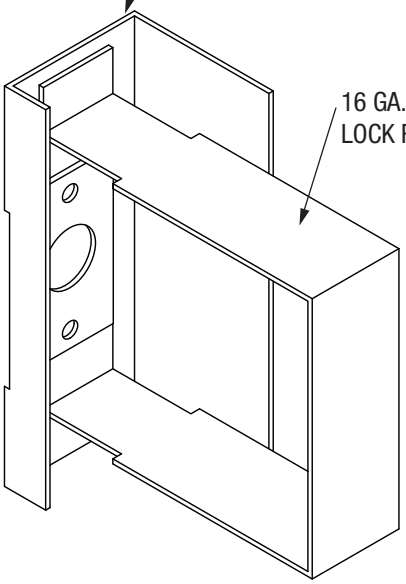
CURRIES
ASSA ABLOY

G1A Cylindrical Thru Bolt Preparation 1-3/8" Door

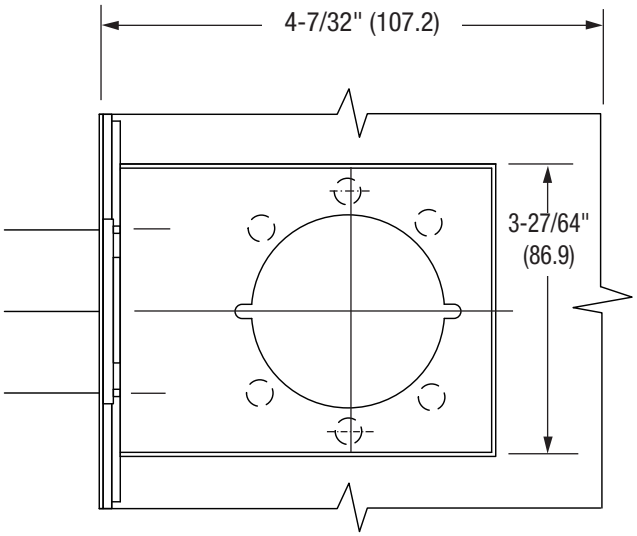
Door Technical Data

April, 2002

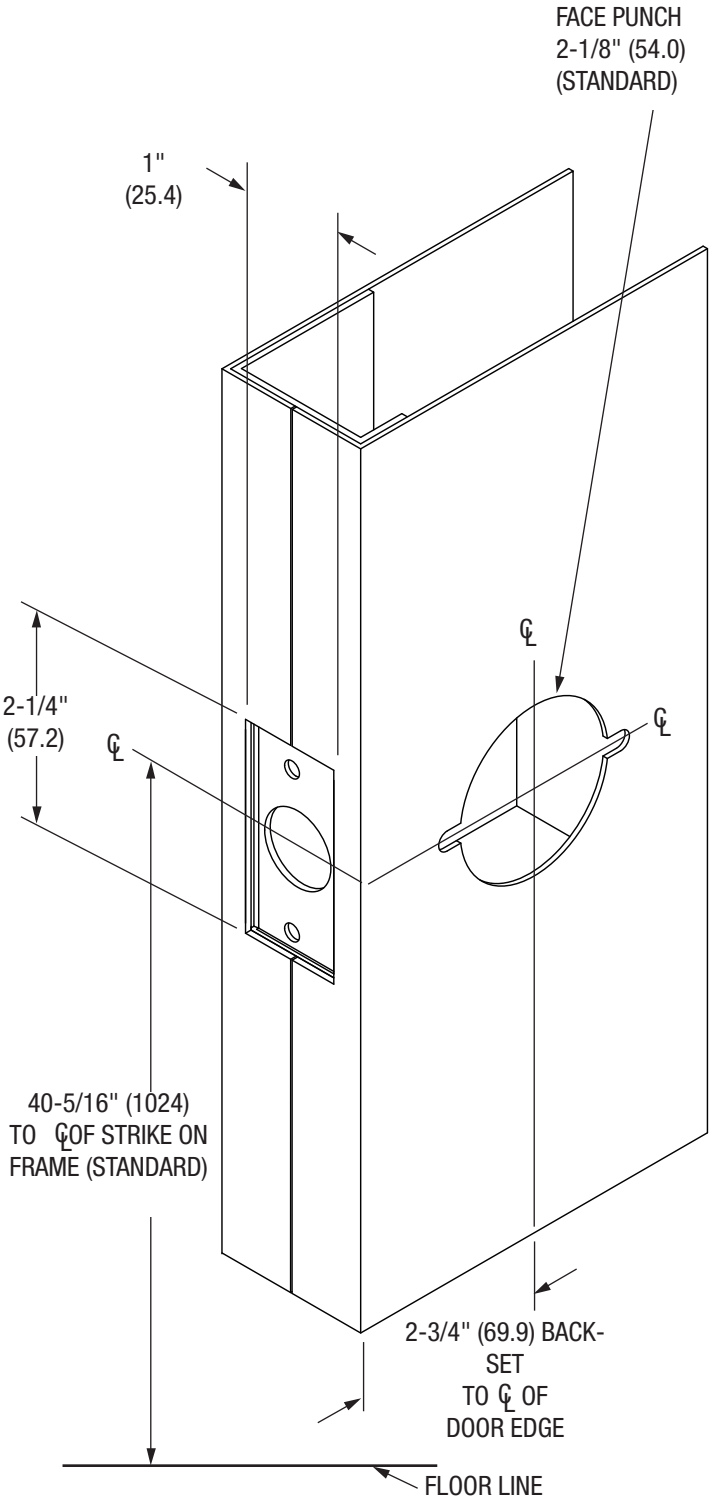
L



NOTE: LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.



SIZE AND TAP PER ANSI 115.2

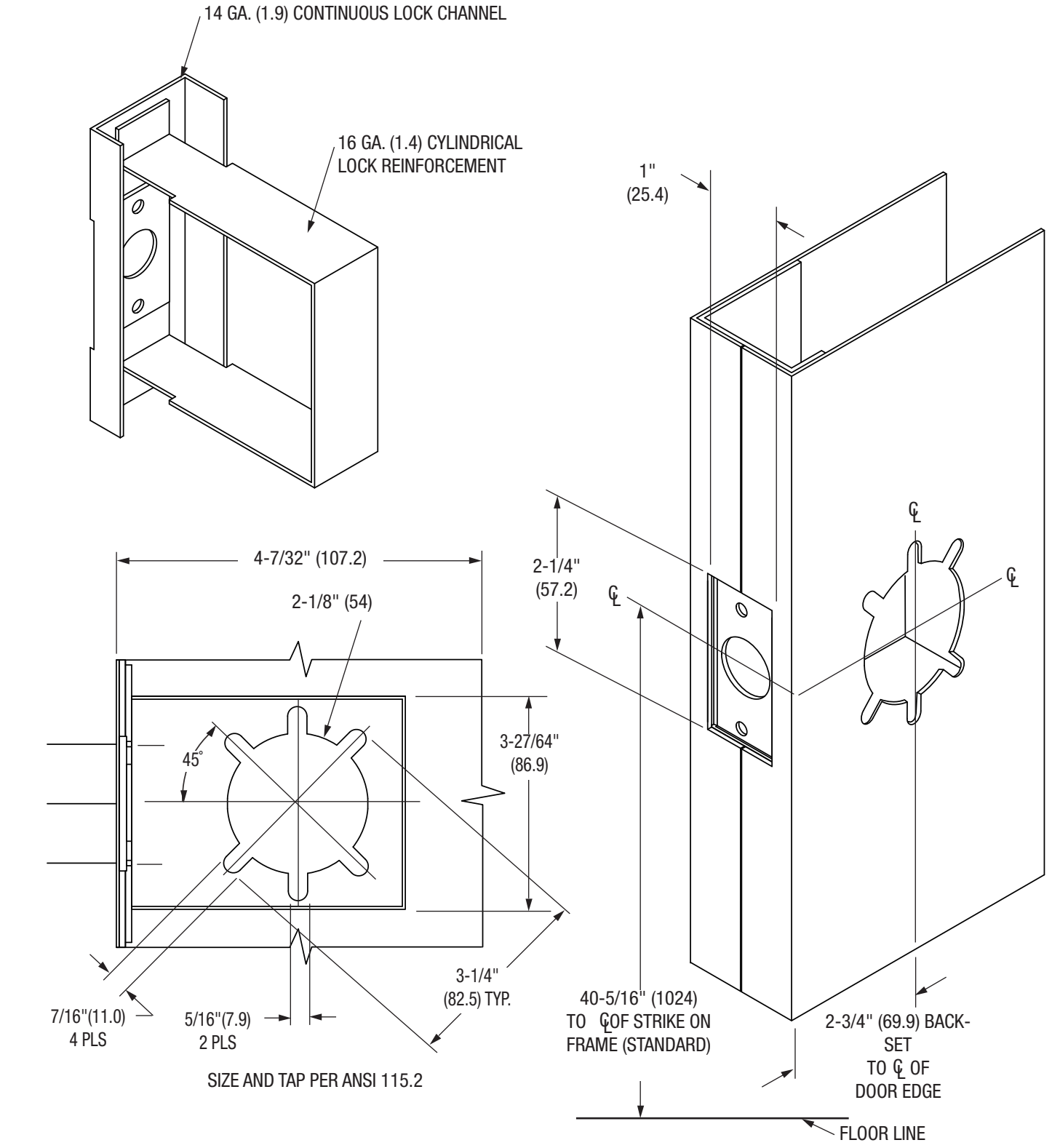


G1B Cylindrical Thru Bolt Preparation 1-3/8" Door

Door Technical Data

April, 2002

L



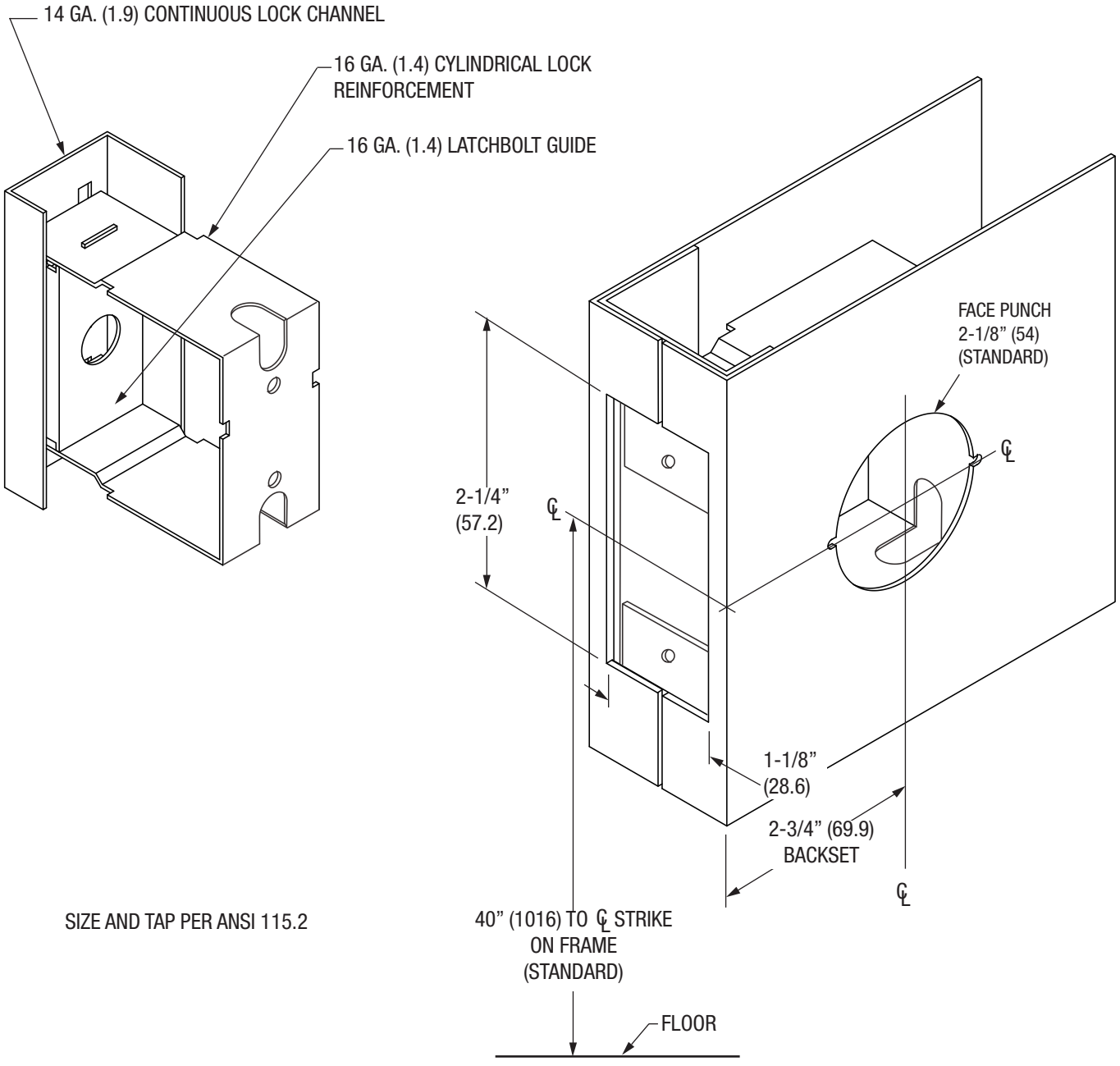
CURRIES
ASSA ABLOY

G2 Govt. 161 Reinf. Cylindrical Lock 1-3/4" Door

Door Technical Data

April, 2002

L



SIZE AND TAP PER ANSI 115.2

857 G2 Govt. 161 Reinf. Cylindrical Lock

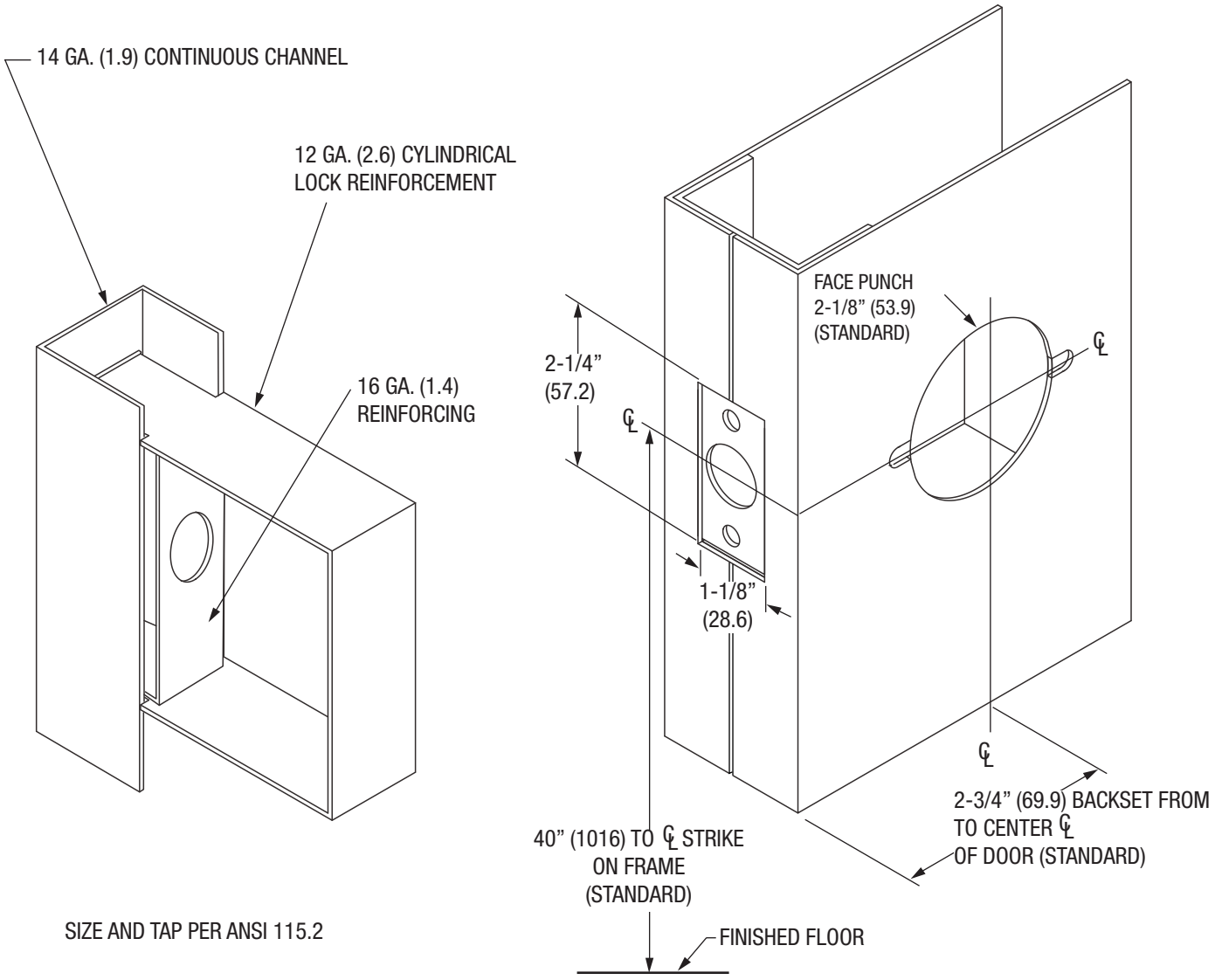
Door Technical Data

CURRIES
ASSA ABLOY

April, 2002

L

2" DOOR



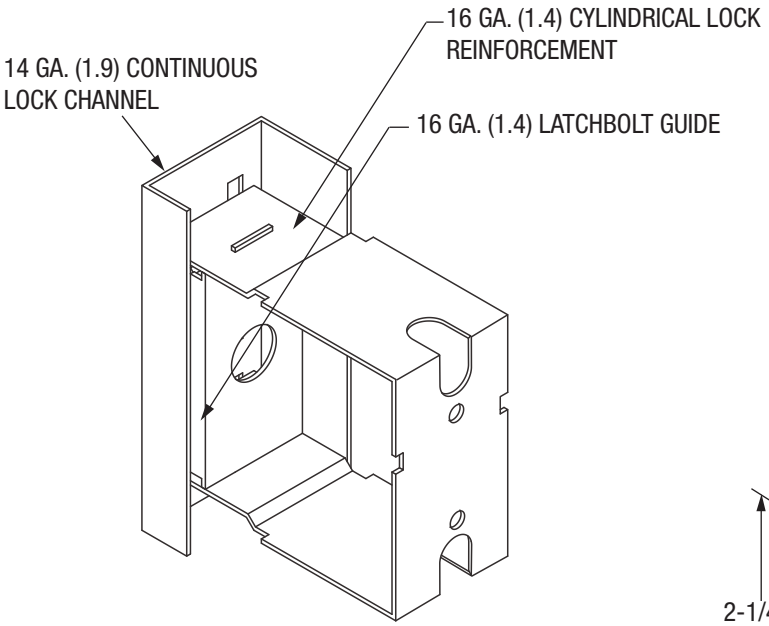
CURRIES
ASSA ABLOY

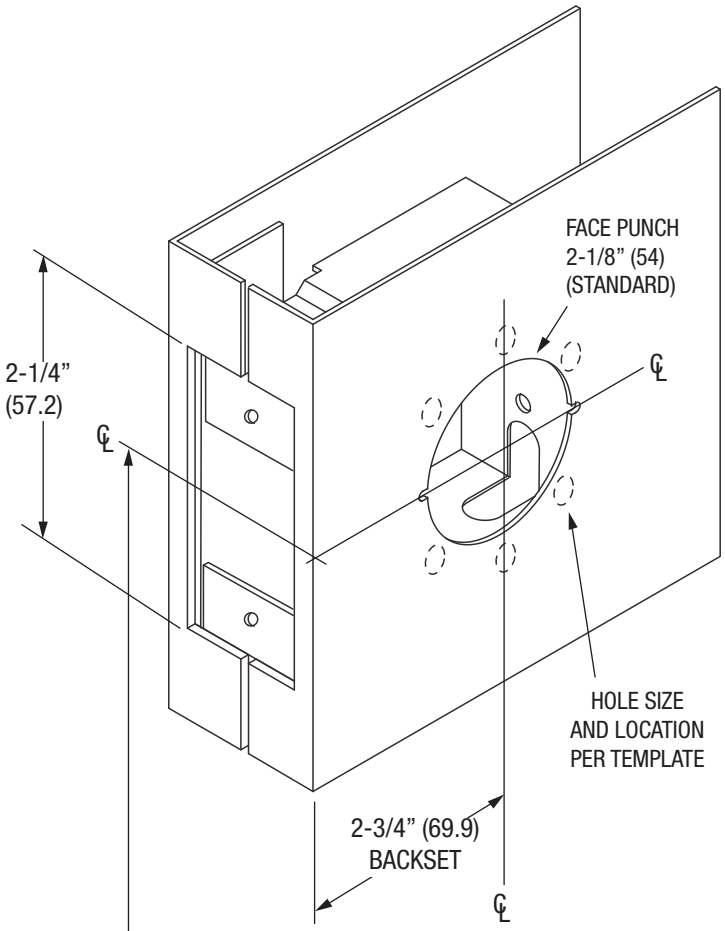
G2A Cylindrical Thru Bolt Preparation 1-3/4" Door

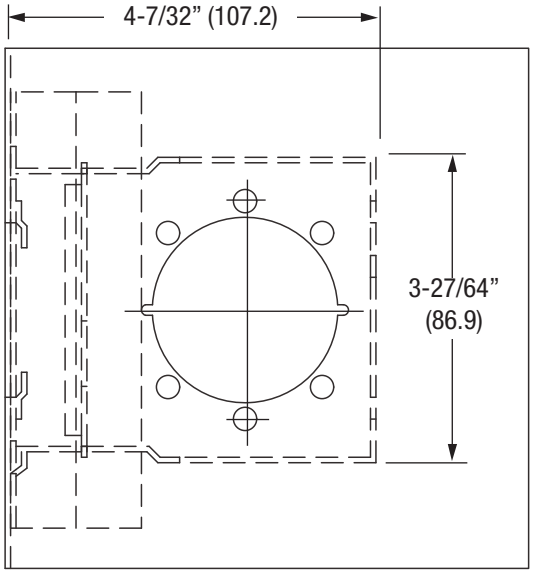
Door Technical Data

January, 2008

L

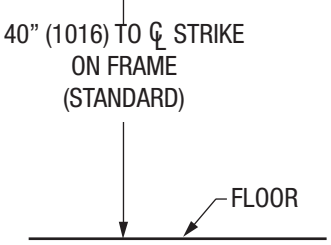






NOTE: LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.

SIZE AND TAP PER ANSI 115.2



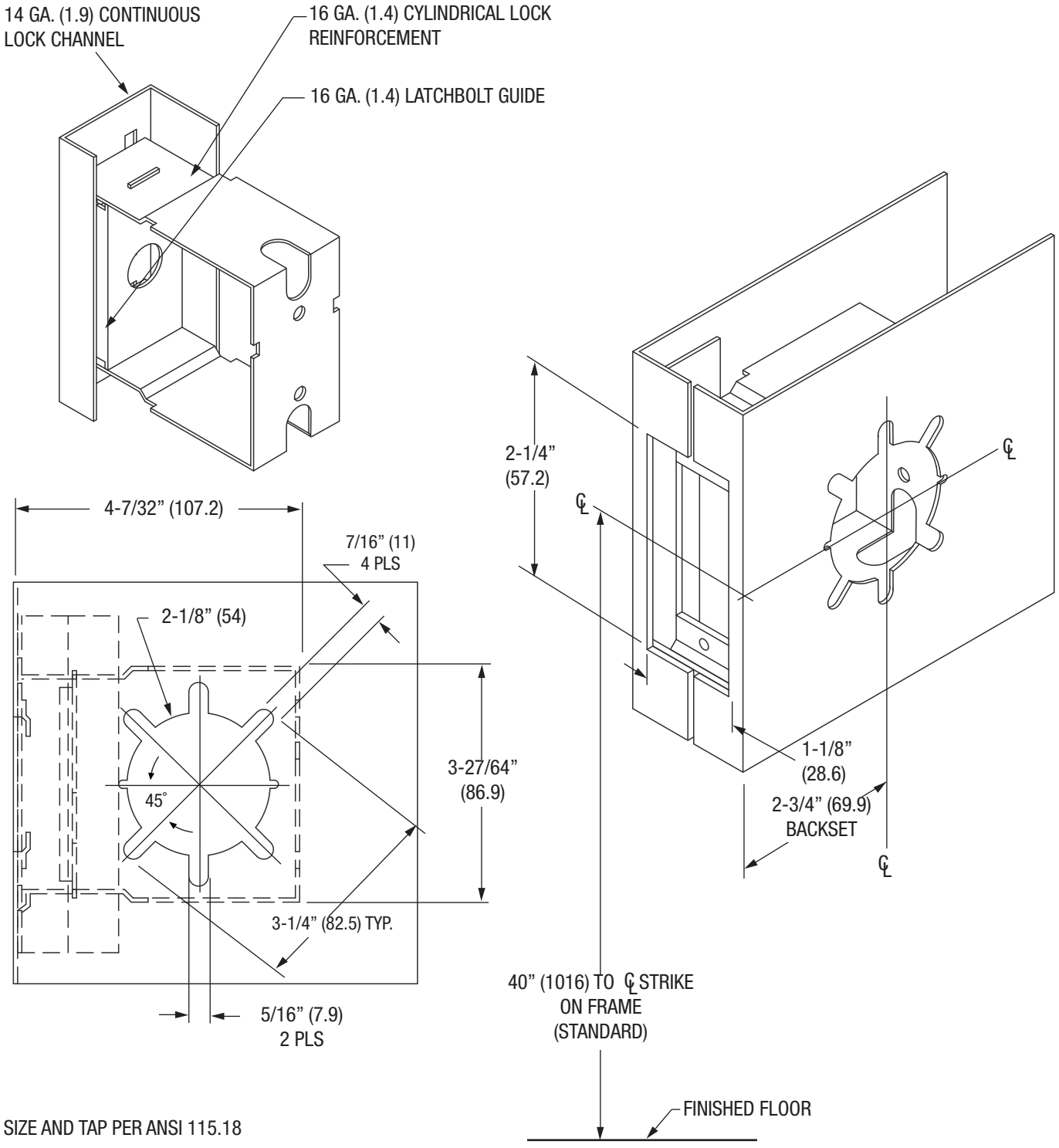
G2B Cylindrical Thru Bolt Preparation 1-3/4" Door

Door Technical Data

CURRIES
ASSA ABLOY

April, 2002

L



SIZE AND TAP PER ANSI 115.18

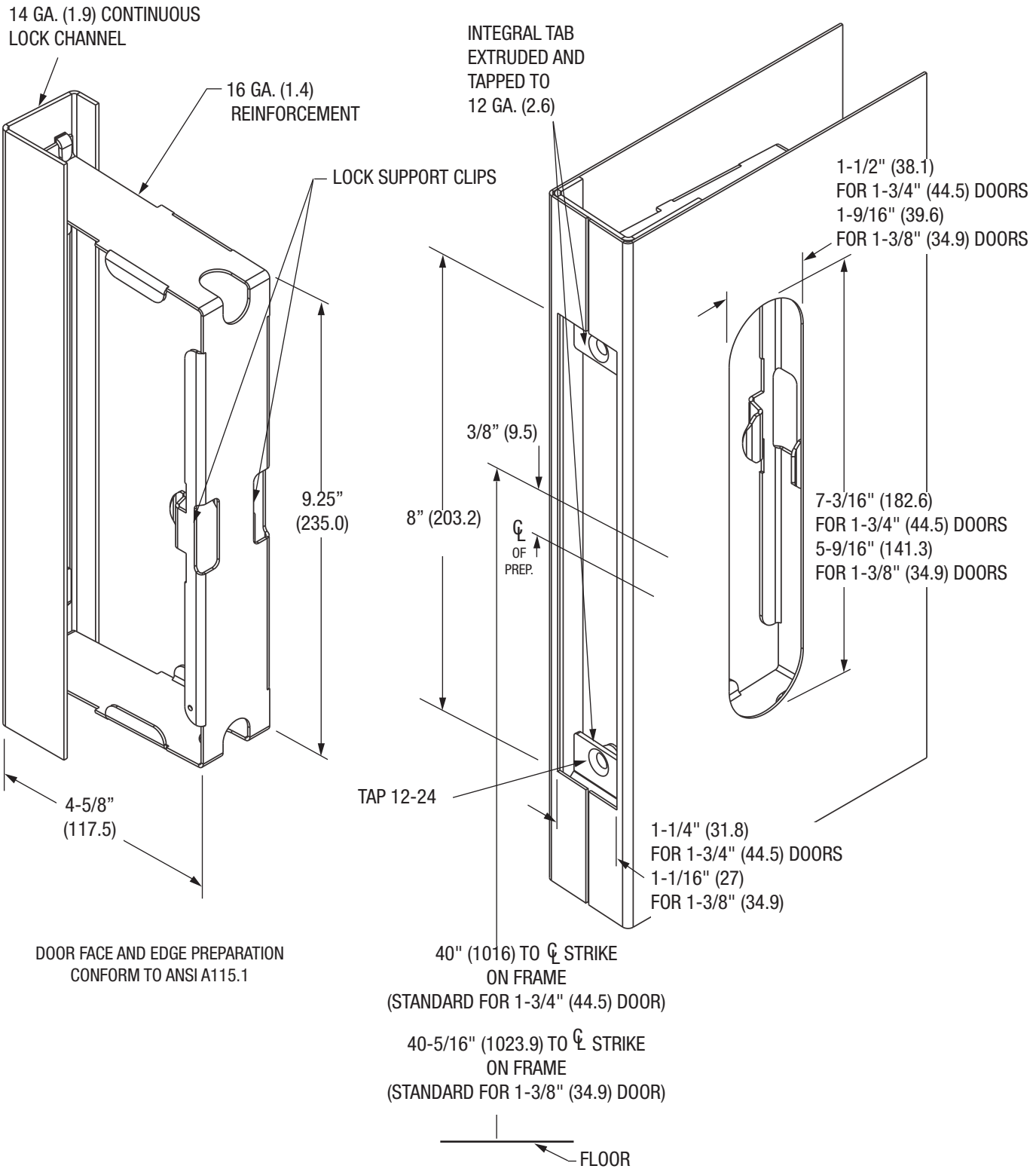
CURRIES
ASSA ABLOY

G3 Govt. 86 Esch. Trim Mortise Lock Preparation

Door Technical Data

April, 2004

L



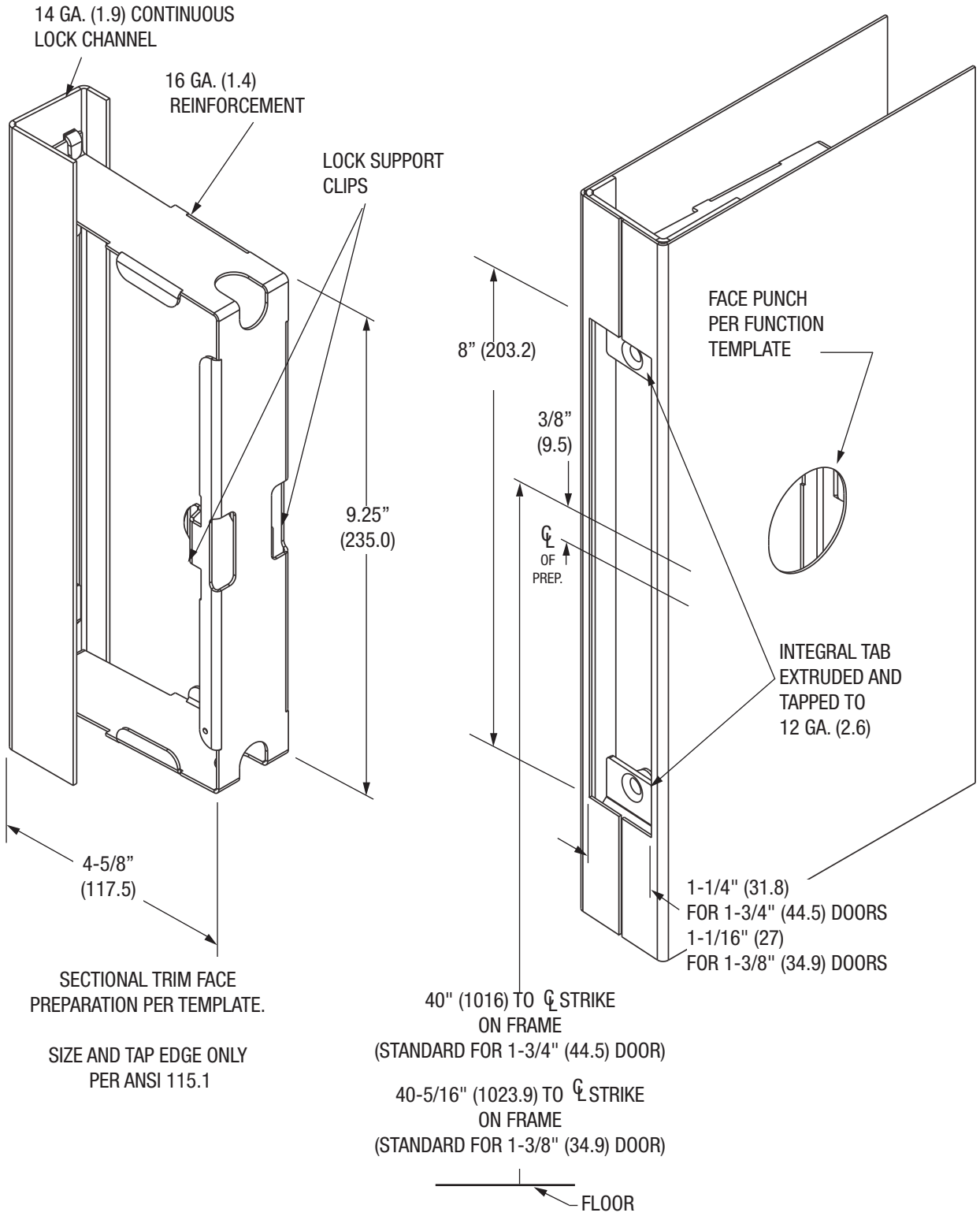
G3A Sectional Trim Mortise Lock Preparation

Door Technical Data

CURRIES
ASSA ABLOY

April, 2004

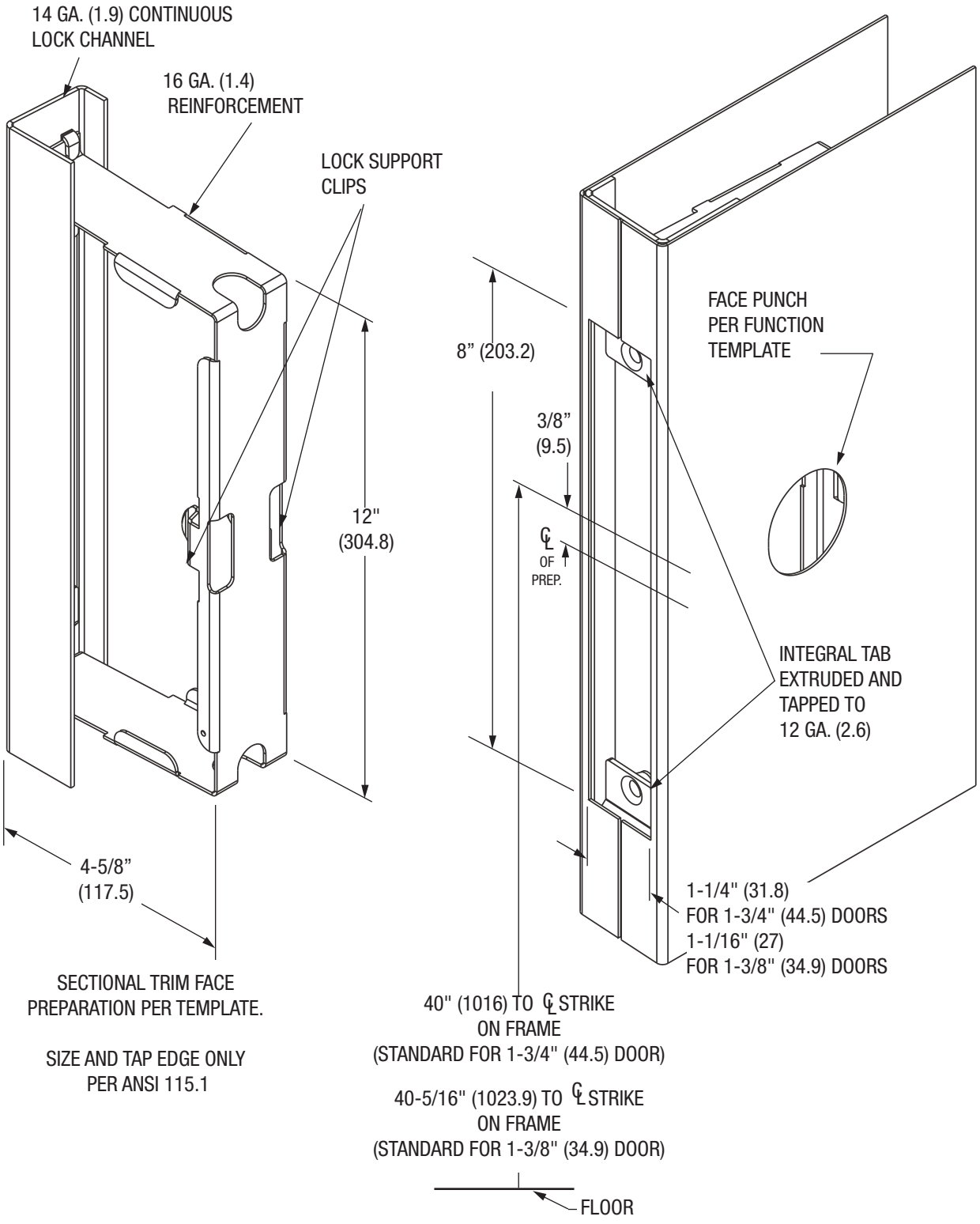
L



G3AEO Edge Only Preparation

Door Technical Data

April, 2013



857 G3AEO Govt. 86 Esch. Trim Mortise Lock

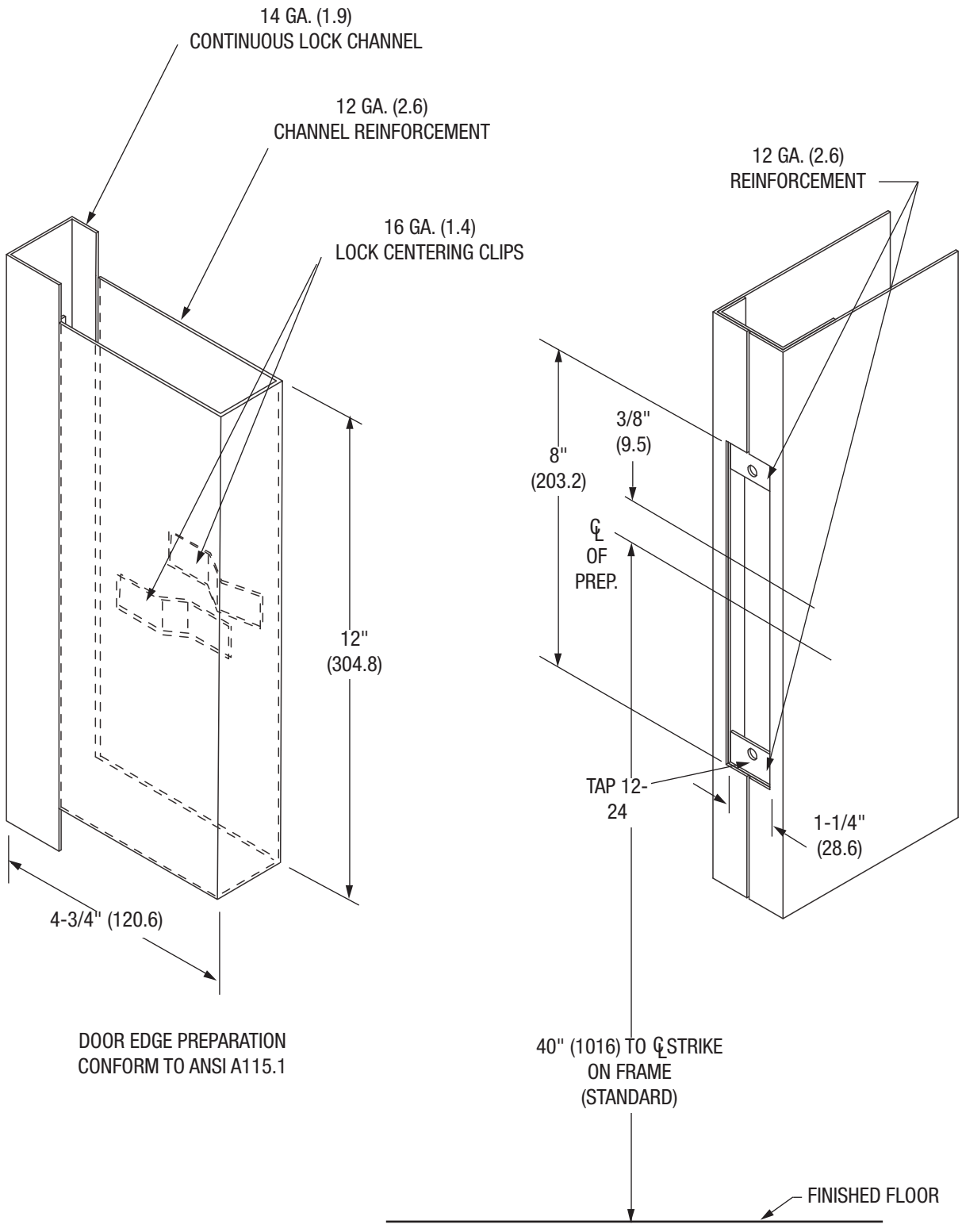
Door Technical Data

CURRIES
ASSA ABLOY

April, 2002

L

2" DOOR



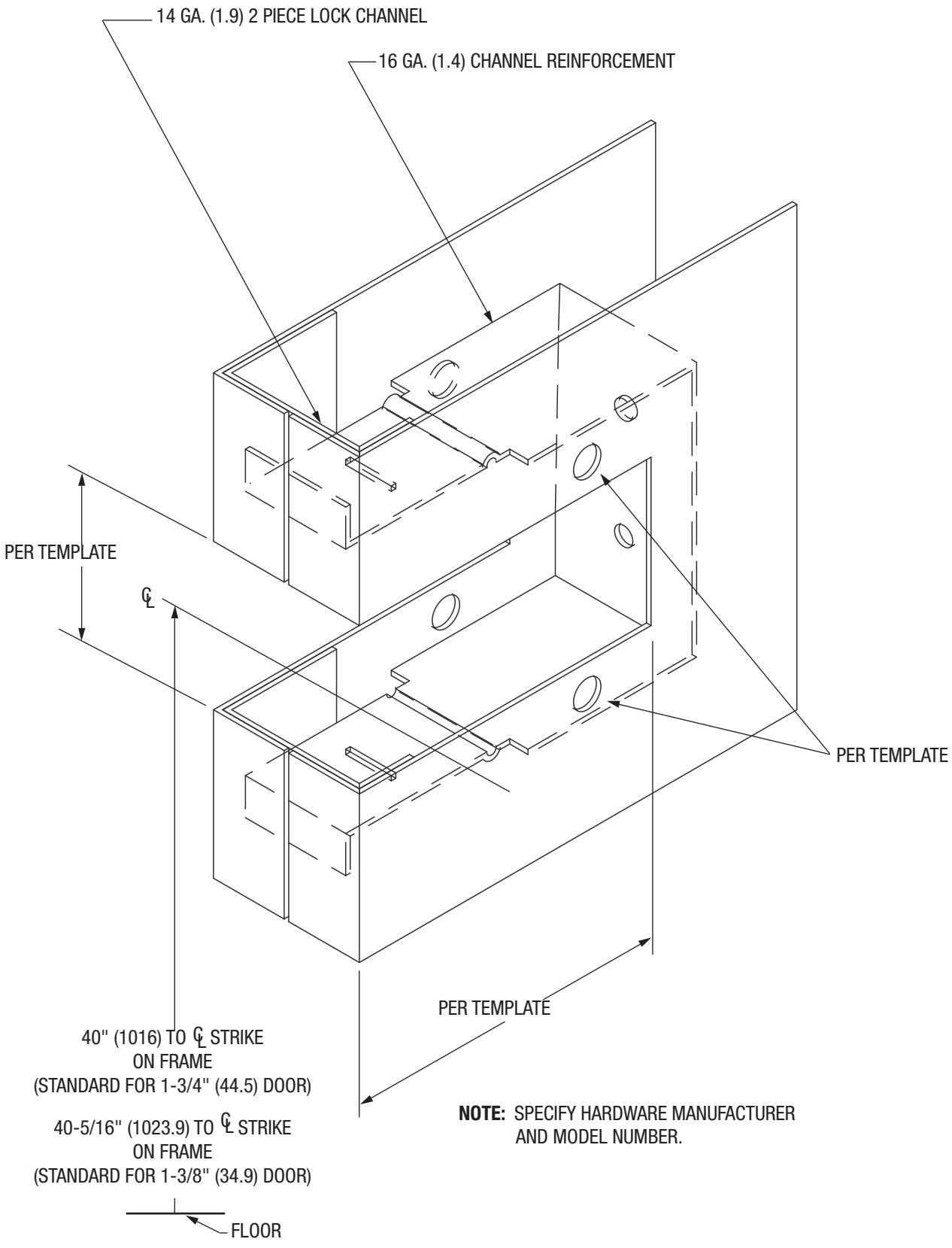
CURRIES
ASSA ABLOY

G6 Unit Lock Reinforcement

Door Technical Data

April, 2002

L



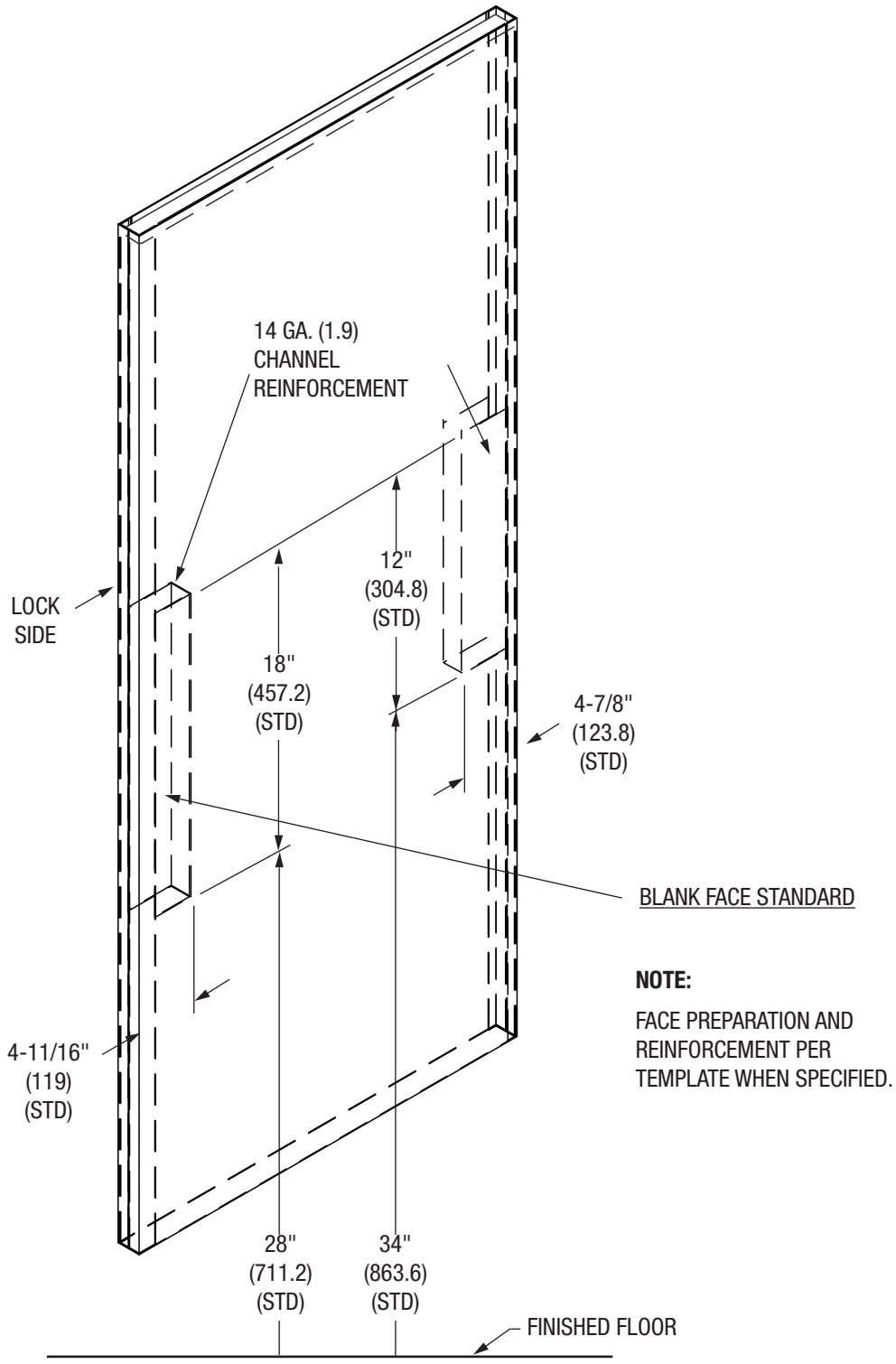
NOTE: SPECIFY HARDWARE MANUFACTURER AND MODEL NUMBER.

G11 Rim Exit Reinforcement

Door Technical Data

March, 2007

L



NOTE:

FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

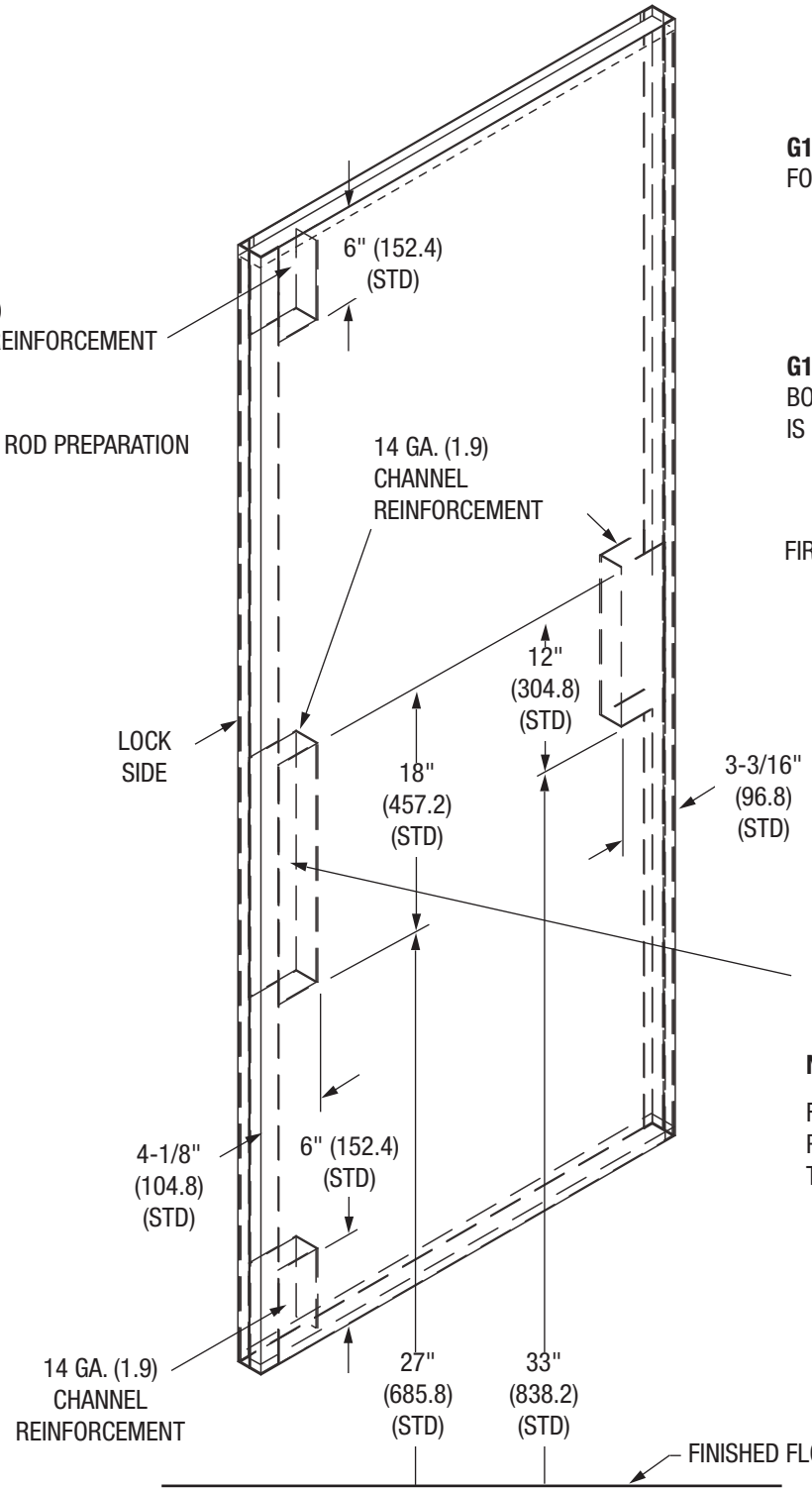
CURRIES
ASSA ABLOY

G11A, G11B, G11C Rim Vertical Rod Exit Reinforcement

Door Technical Data

March, 2007

L



NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

G11B - 3 POINT LATCHING IS REINFORCED THE SAME AS G11A SHOWN

G11C - TOP LATCH ONLY.
BOTTOM LOCK SIDE REINFORCING CHANNEL IS OMITTED.

FIRE PLUNGER REQUIRED FOR LABEL.

BLANK FACE STANDARD

NOTE:

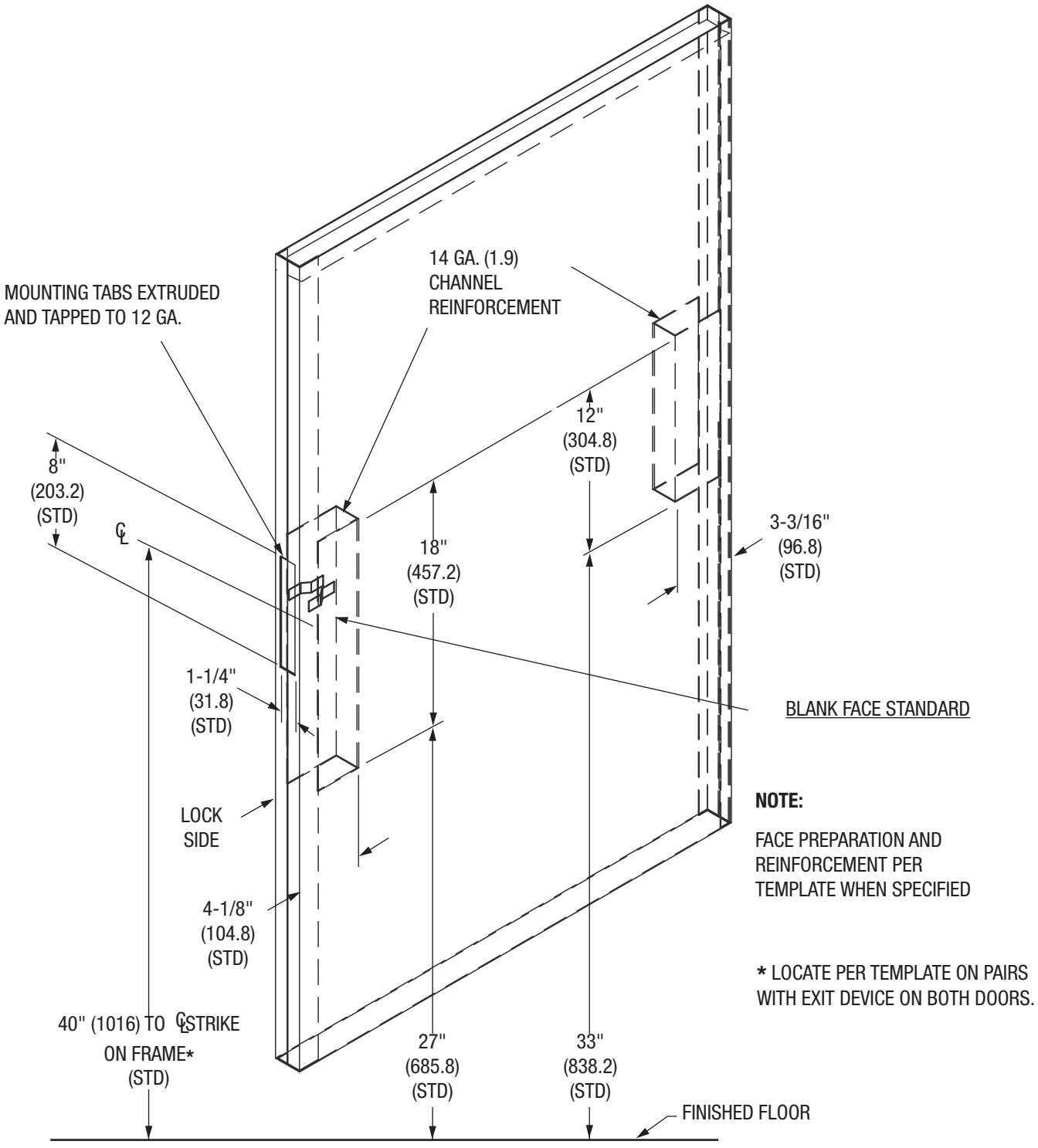
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

G12 Mortise Exit Reinforcement

Door Technical Data

March, 2007

(L)



NOTE:

FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

* LOCATE PER TEMPLATE ON PAIRS WITH EXIT DEVICE ON BOTH DOORS.

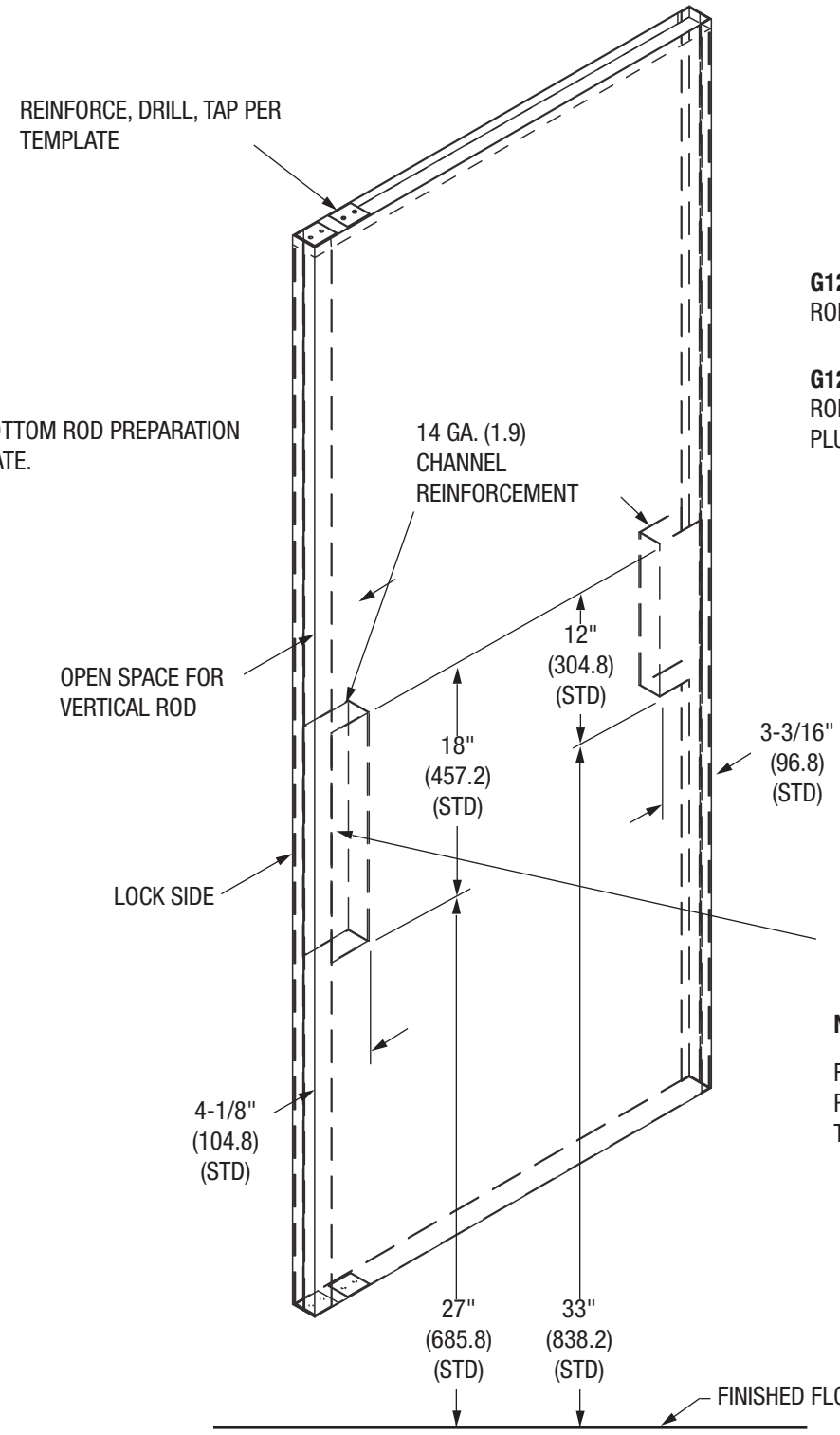
CURRIES
ASSA ABLOY

G12A, G12B, G12C Concealed Vertical Rod

Door Technical Data

March, 2007

L



NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

G12B - LESS BOTTOM ROD. BOTTOM ROD PREPARATION IS OMITTED.

G12C - LESS BOTTOM ROD. BOTTOM ROD PREP. IS OMITTED. FIRE PLUNGER REQUIRED FOR LABEL.

BLANK FACE STANDARD

NOTE:

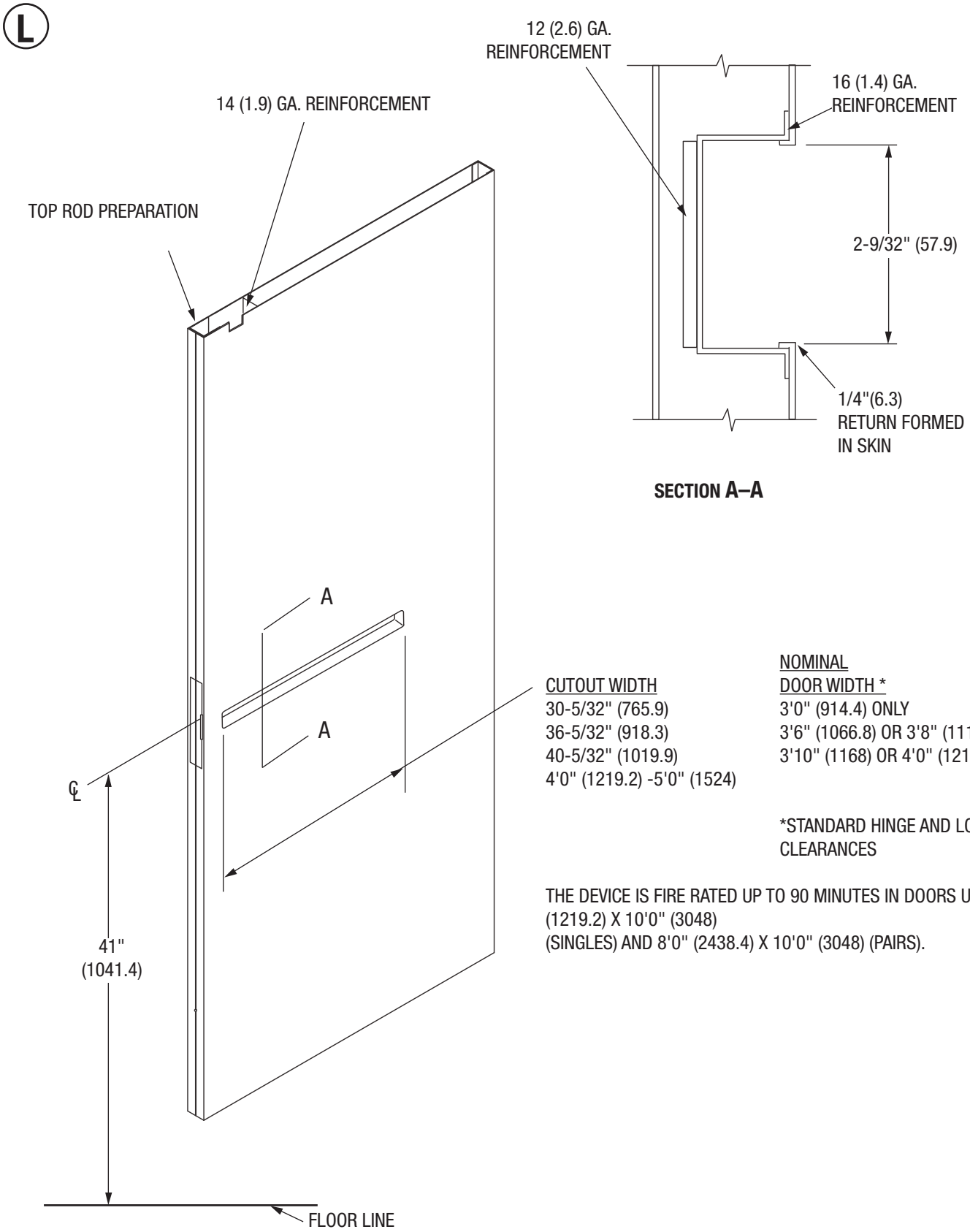
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

NOTE: FINISH FLOOR, BOTTOM UNDERCUT, AND BOLT PROTRUSION CRITICAL FOR BOLT ENGAGEMENT TO FLOOR.

G13B SARGENT Recessed Latch Top and Mortise Lock (LBR)

Door Technical Data

May, 2006



SECTION A–A

CUTOUT WIDTH	NOMINAL DOOR WIDTH *
30-5/32" (765.9)	3'0" (914.4) ONLY
36-5/32" (918.3)	3'6" (1066.8) OR 3'8" (1117.6)
40-5/32" (1019.9)	3'10" (1168) OR 4'0" (1219.2),
4'0" (1219.2) -5'0" (1524)	

*STANDARD HINGE AND LOCK CLEARANCES

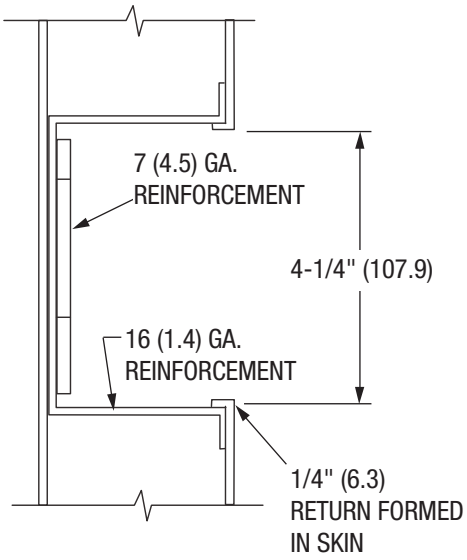
THE DEVICE IS FIRE RATED UP TO 90 MINUTES IN DOORS UP TO 4'0" (1219.2) X 10'0" (3048)
(SINGLES) AND 8'0" (2438.4) X 10'0" (3048) (PAIRS).

CURRIES
ASSA ABLOY

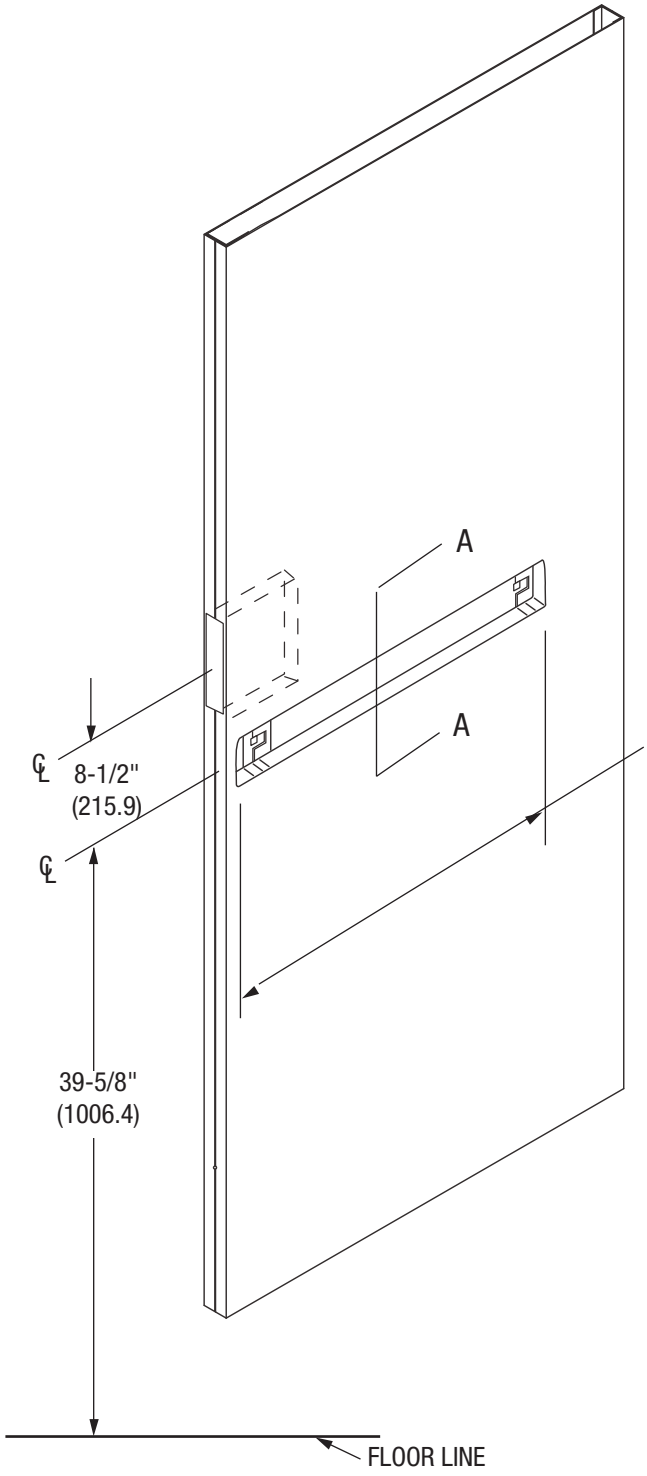
G13 "VON DUPRIN" Recessed Latch Top and Mortise Lock (LBR)

Door Technical Data

April, 2004



SECTION A–A



CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32" (613.6)	2'6" (762.0) ≤ W < 2'10" (863.6)
30-5/32" (765.9)	2'10" (863.6) ≤ W ≤ 5'0" (1524)

THE DEVICE IS FIRE RATED UP TO THREE HOURS IN DOORS UP TO 4'0" (1219.2) X 10'0" (3048) (SINGLES).

* STANDARD HINGE AND LOCK CLEARANCES

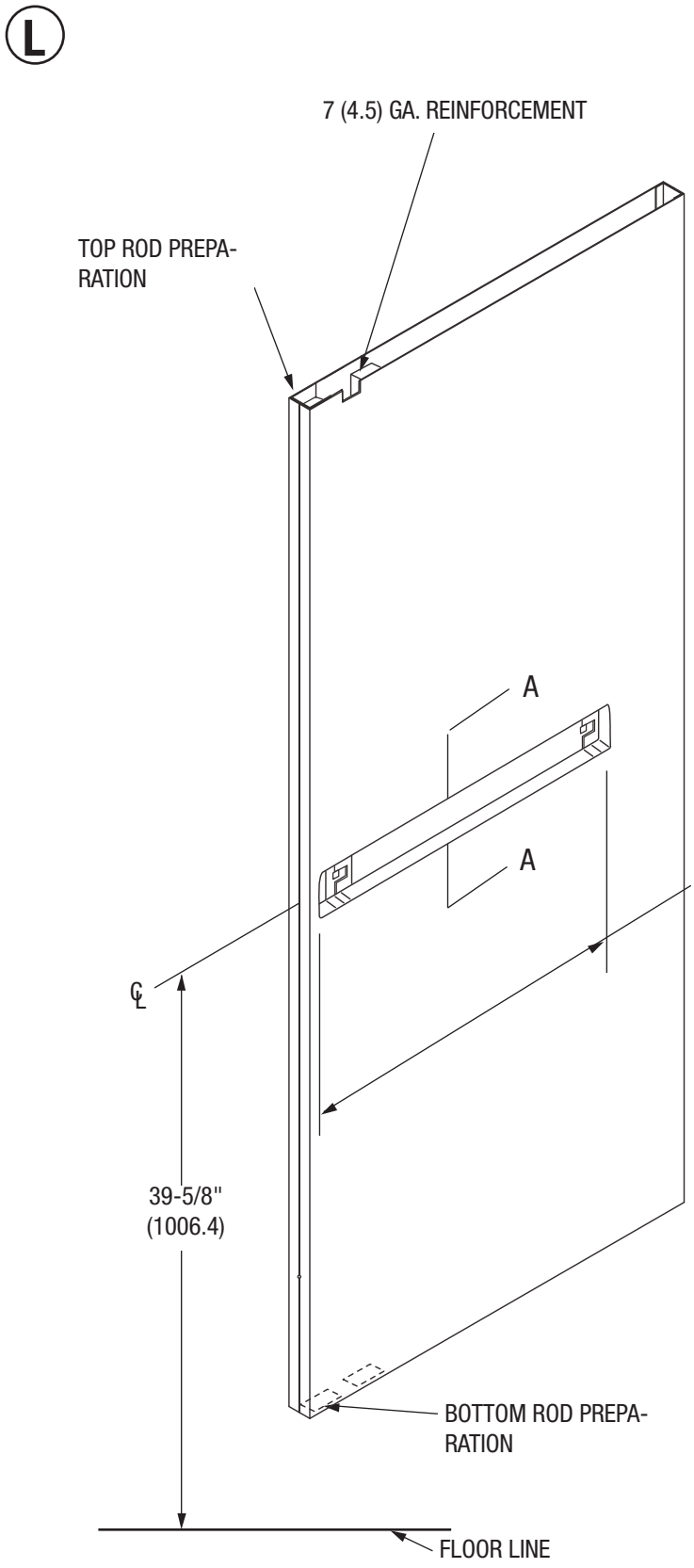
1-3/4" DOOR ONLY

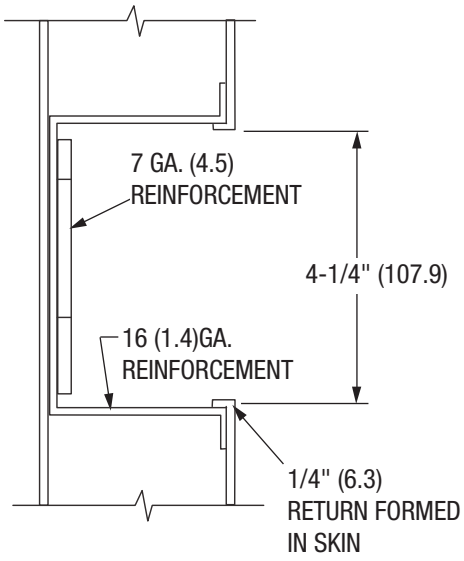
NOT AVAILABLE ON:
EMBOSSED PANEL DOORS
20 (.91) GAUGE DOORS
607 SERIES DOORS
737 SERIES DOORS
2" (50.8) THICK DOORS

G13A "VON DUPRIN" Recessed Vertical Rod Exit Device

Door Technical Data

April, 2004





SECTION A–A

CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32" (613.6)	2'6" (762.0) ≤ W < 2'10" (863.6)
30-5/32" (765.9)	2'10" (863.6) ≤ W ≤ 5'0" (1524)

THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8'0" X 10'0", 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.

* STANDARD HINGE AND LOCK CLEARANCES

1-3/4" (44.4) DOOR ONLY

NOT AVAILABLE ON:

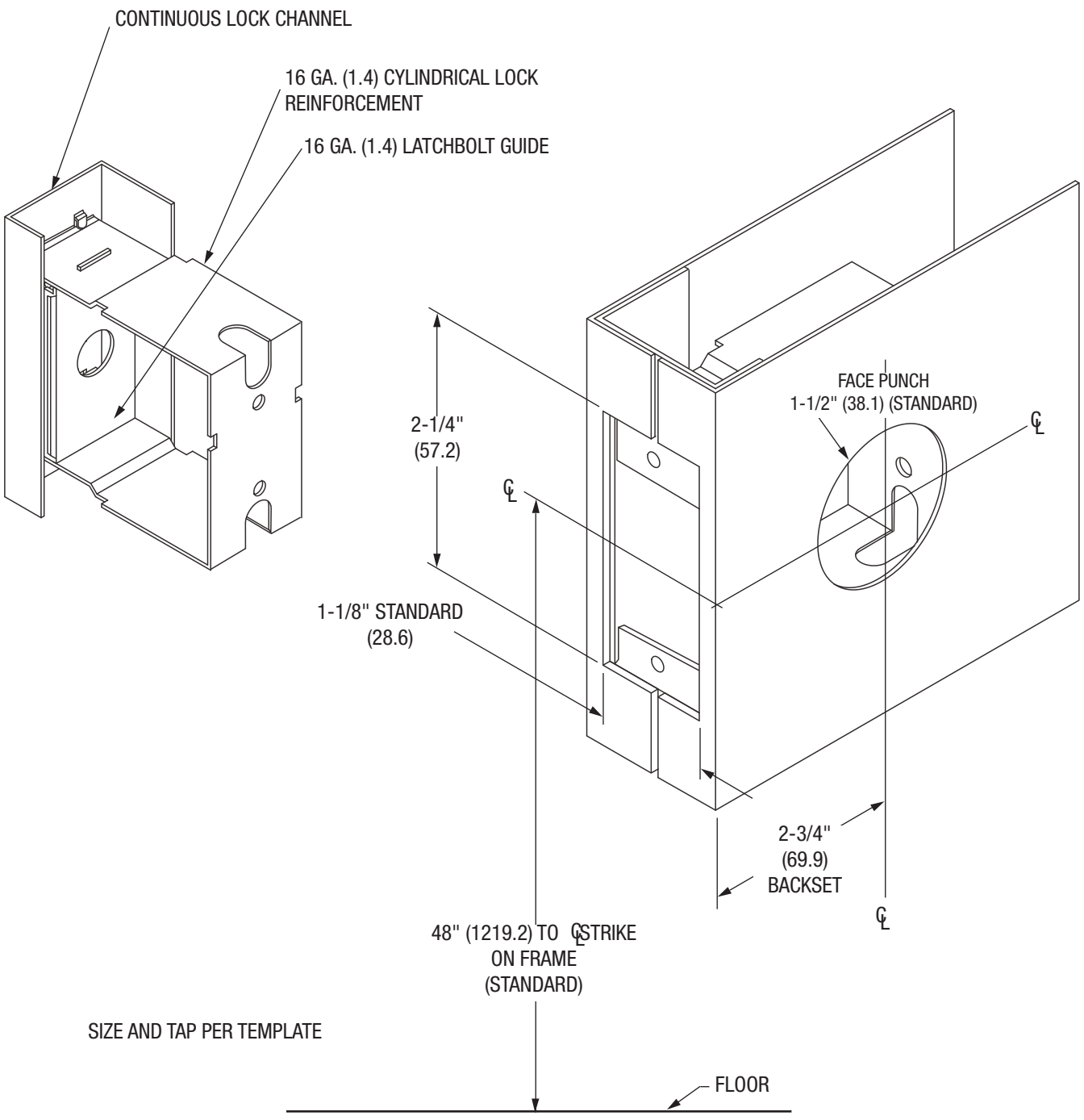
EMBOSSED PANEL DOORS
20 (.91) GAUGE DOORS
607 SERIES DOORS
737 SERIES DOORS
2" (50.8) THICK DOORS

CURRIES
ASSA ABLOY

G16 Cylindrical Deadlock Preparation

Door Technical Data

April, 2002



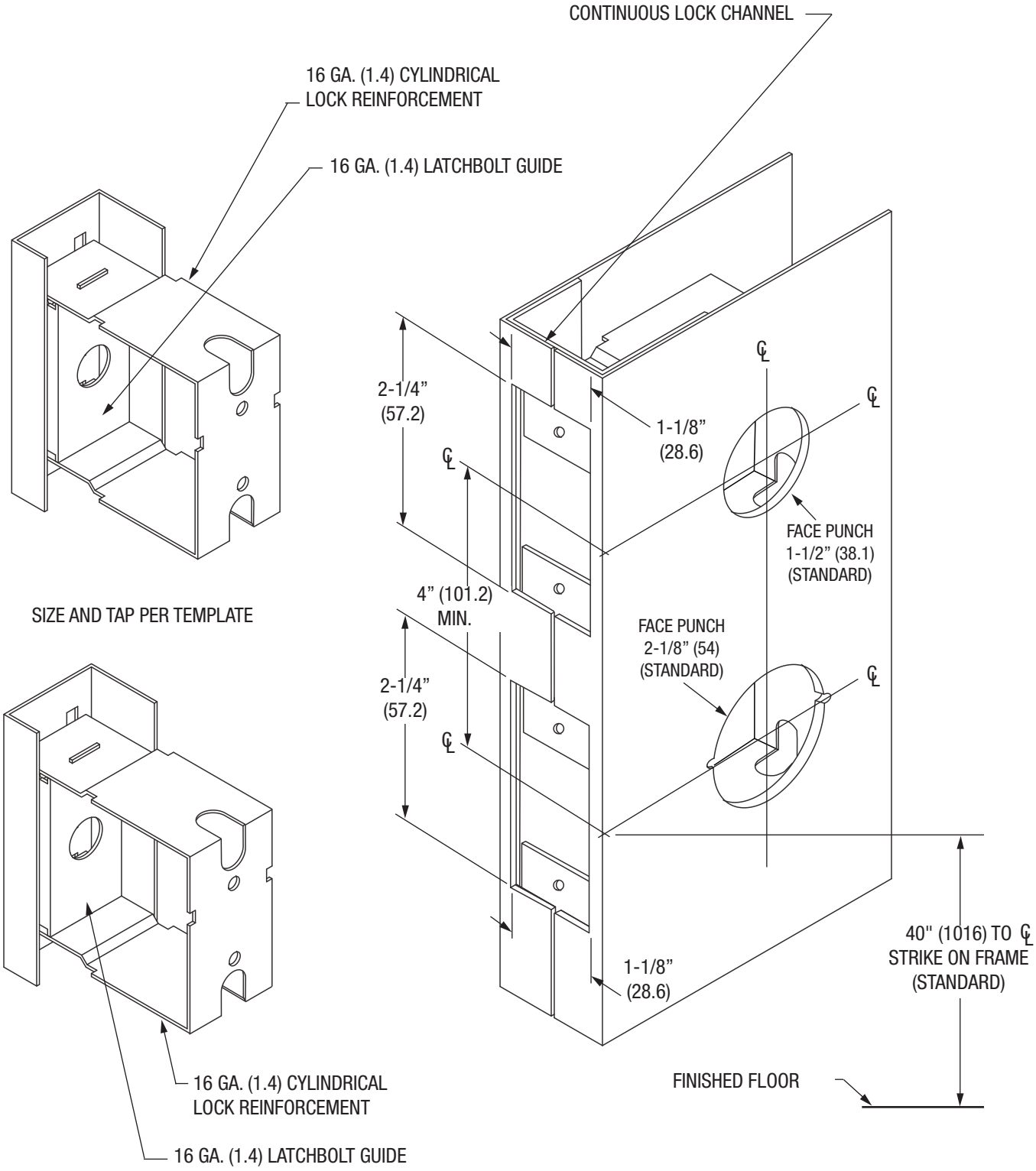
G2 Lock G16 Deadlock Combination (G25)

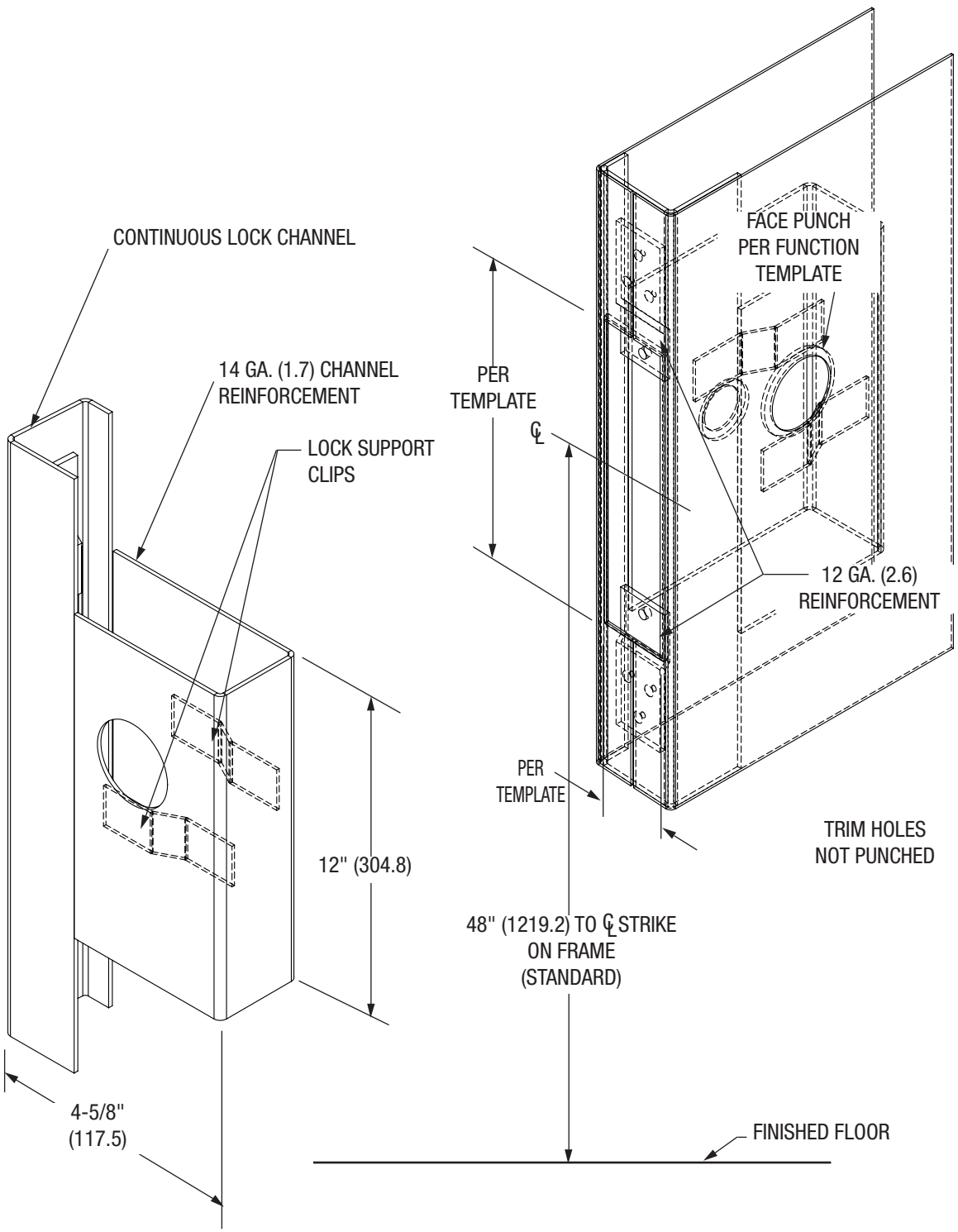
Door Technical Data

CURRIES
ASSA ABLOY

April, 2002

L




CONTINUOUS LOCK CHANNEL
14 GA. (1.7) CHANNEL REINFORCEMENT
LOCK SUPPORT CLIPS
FACE PUNCH PER FUNCTION TEMPLATE
PER TEMPLATE
℄
12 GA. (2.6) REINFORCEMENT
PER TEMPLATE
TRIM HOLES NOT PUNCHED
12" (304.8)
48" (1219.2) TO ℄ STRIKE ON FRAME (STANDARD)
4-5/8" (117.5)
FINISHED FLOOR

857 G30 Door Mounted Pocket Lock

Door Technical Data

CURRIES
ASSA ABLOY

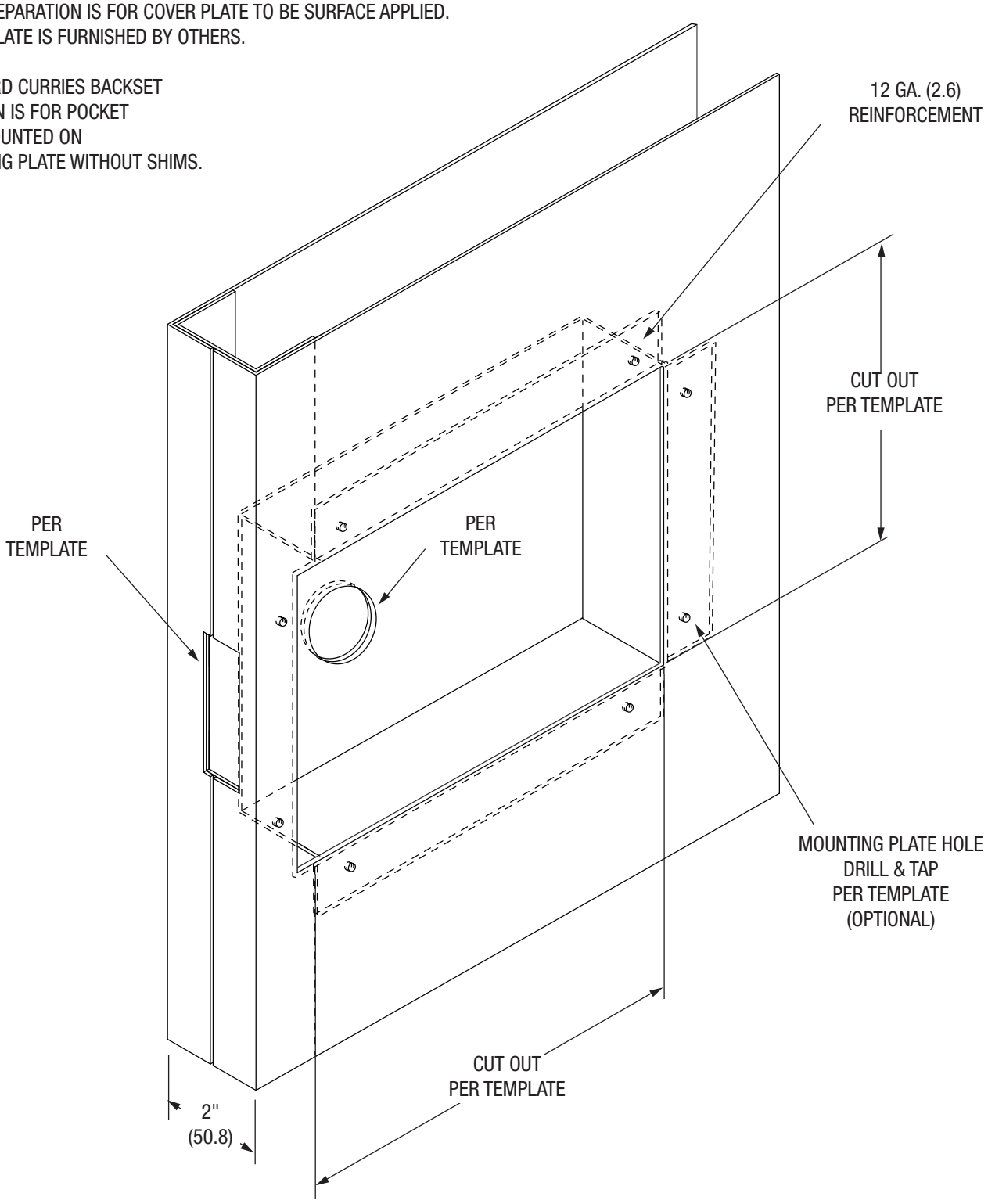
April, 2002

(L)

2" DOOR

LOCK PREPARATION IS FOR COVER PLATE TO BE SURFACE APPLIED.
COVER PLATE IS FURNISHED BY OTHERS.

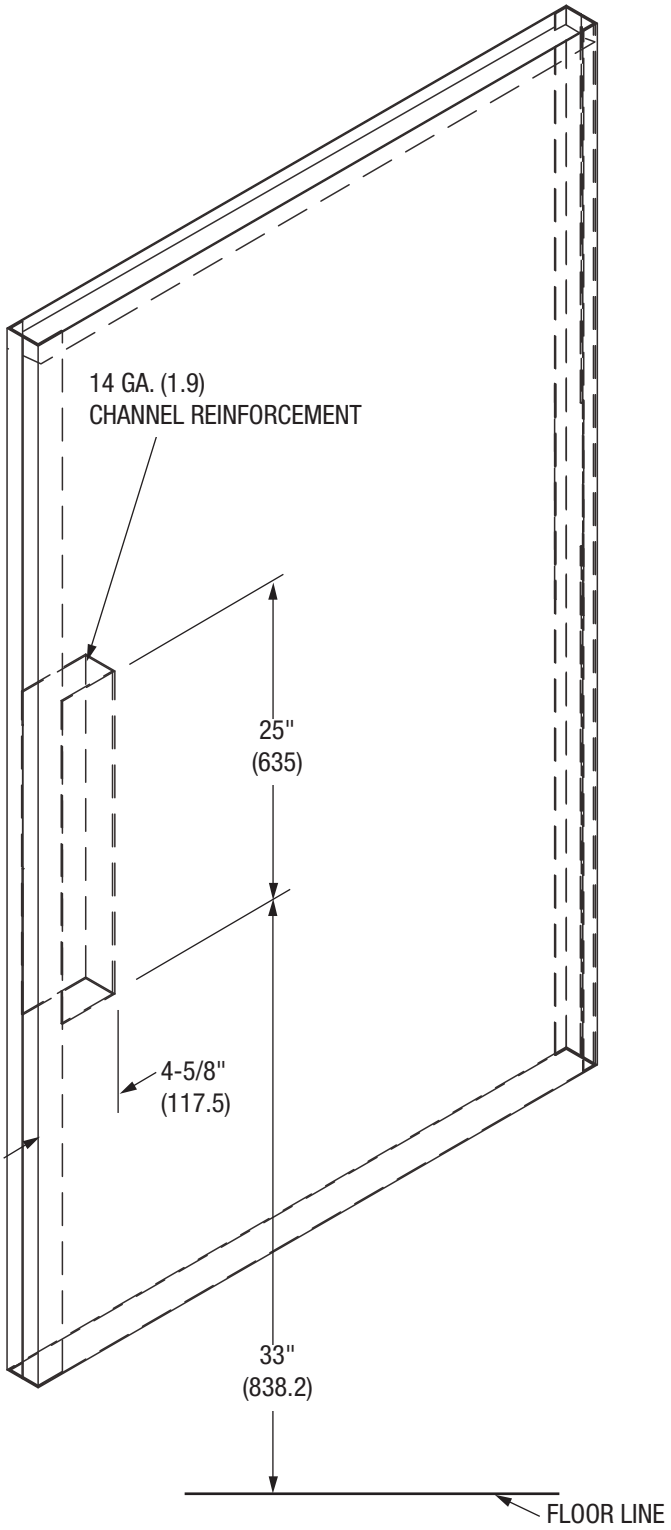
STANDARD CURRIES BACKSET
LOCATION IS FOR POCKET
LOCK MOUNTED ON
MOUNTING PLATE WITHOUT SHIMS.



G18 Push Pull Reinforcement

Door Technical Data

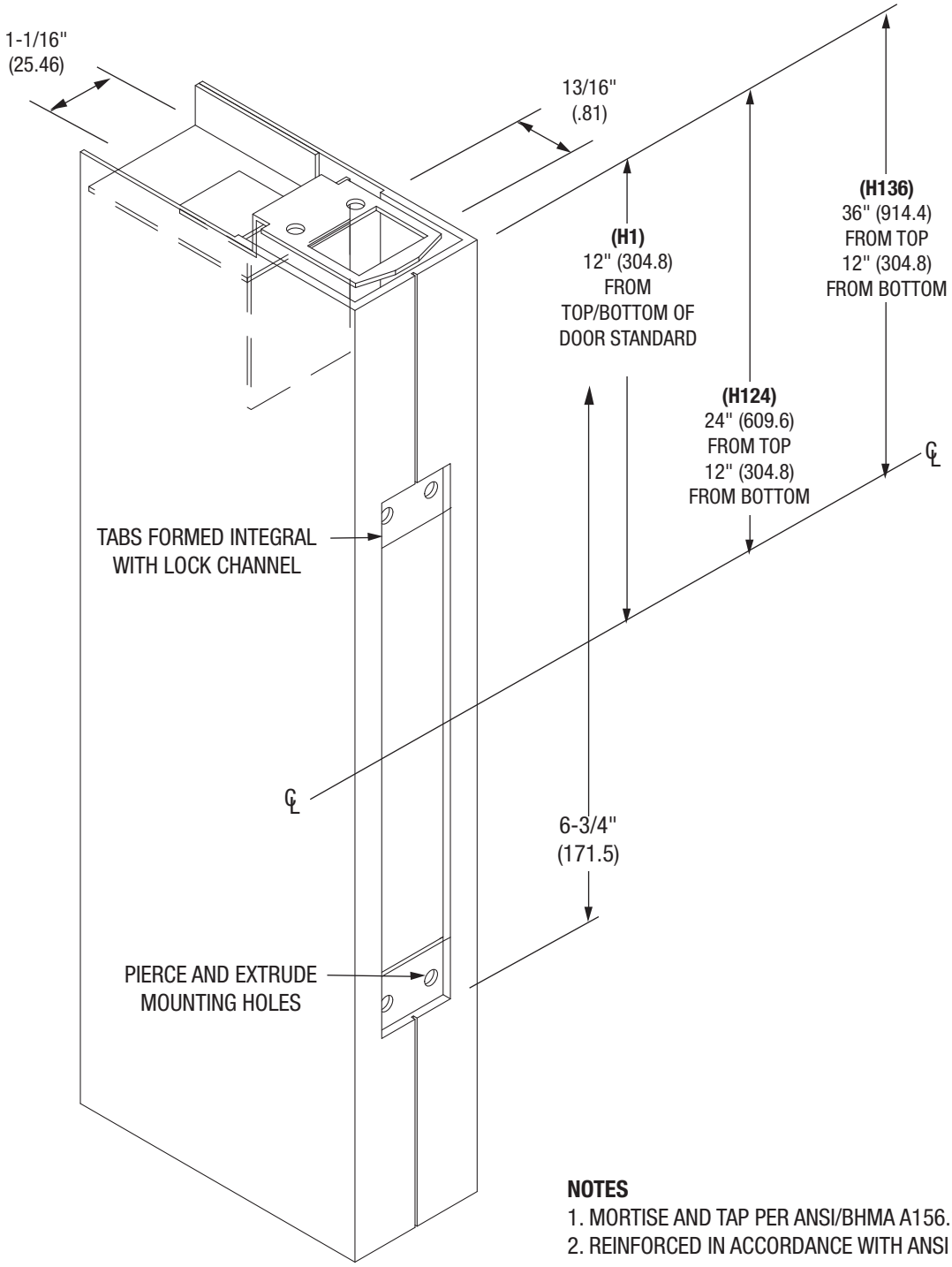
April, 2002



Flush Bolt Preparation (H1)

Door Technical Data

April, 2011



NOTES

1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

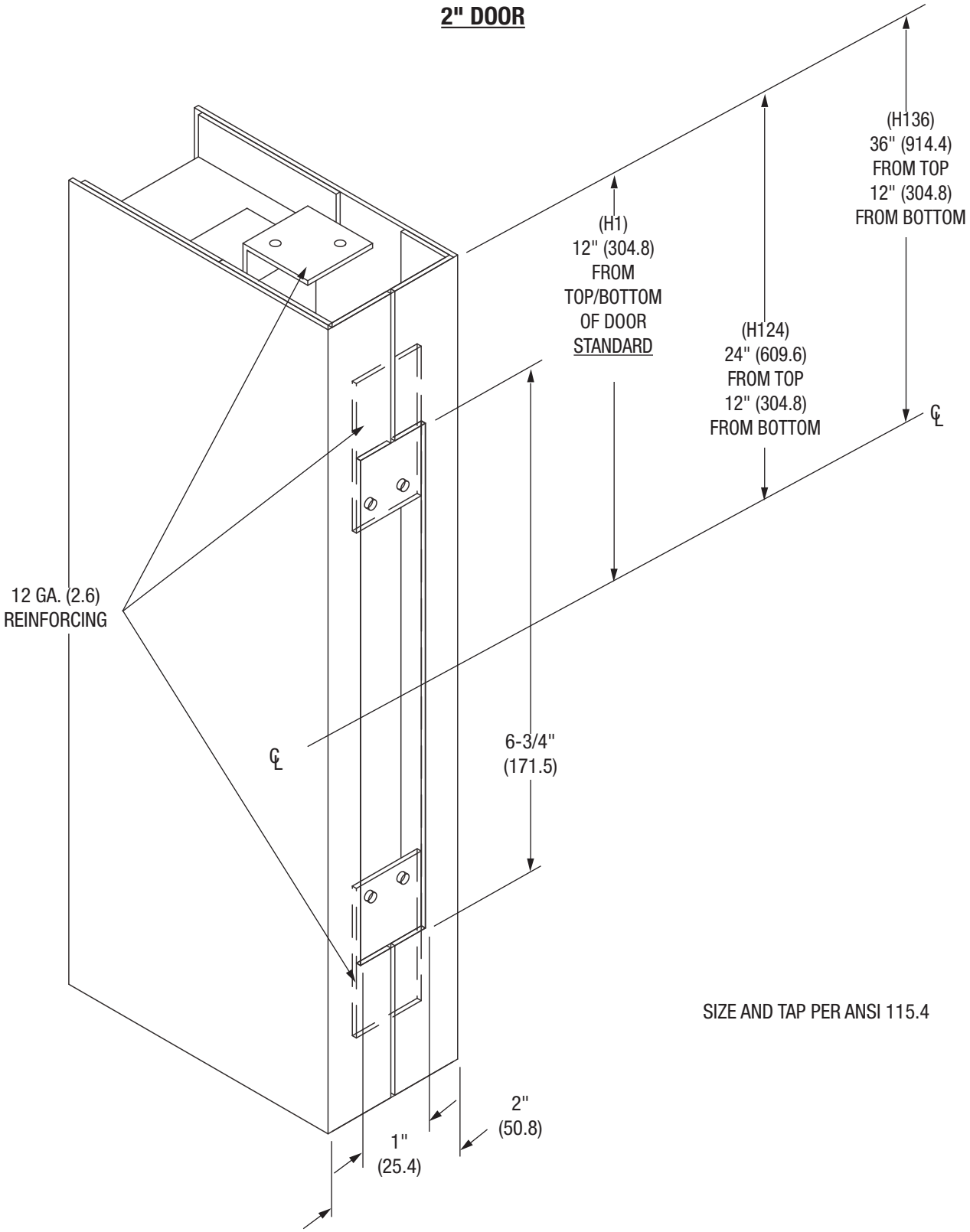
CURRIES
ASSA ABLOY

857 H1 ANSI Mortise Flush Bolt Preparation

Door Technical Data

April, 2002

2" DOOR



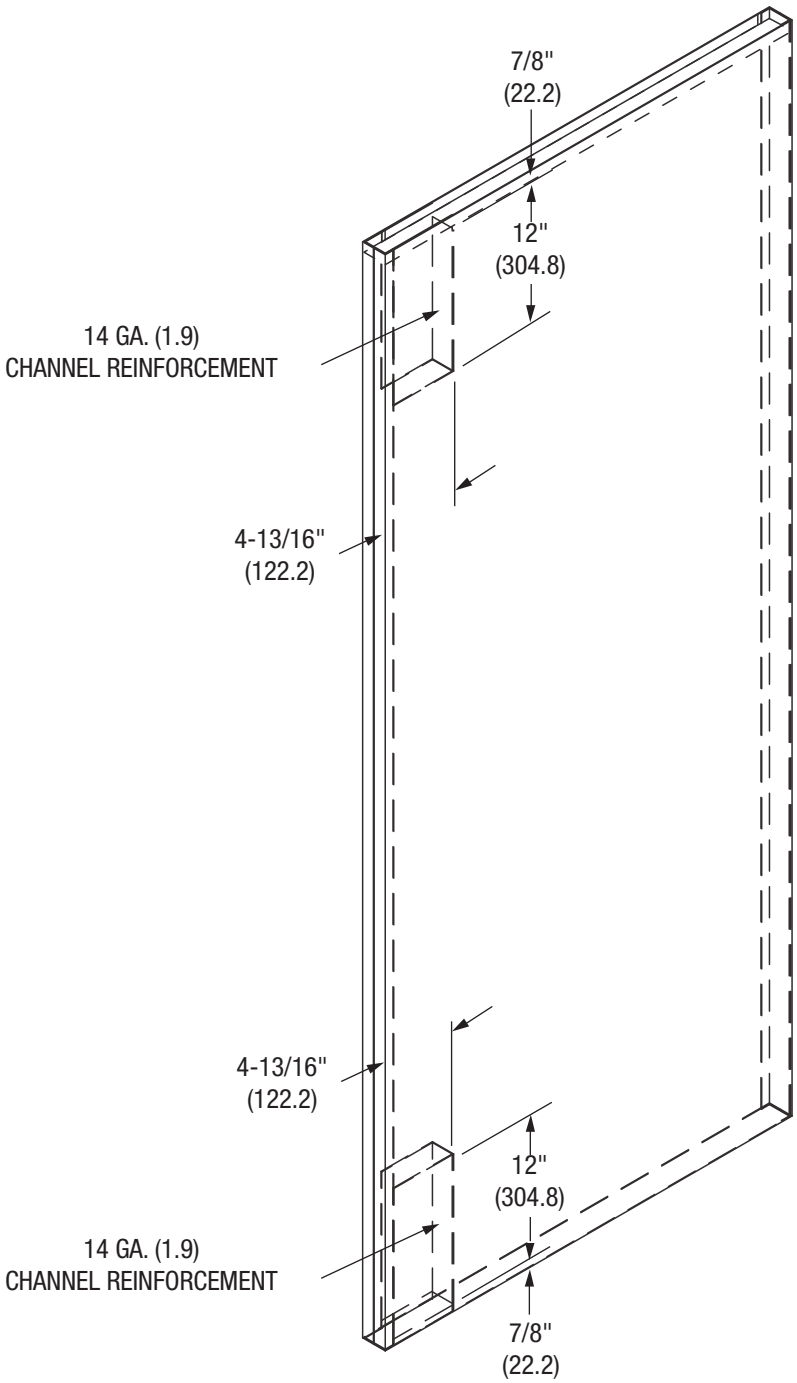
SIZE AND TAP PER ANSI 115.4

(SB) Surface Bolt Reinforcement

Door Technical Data

April, 2002

L



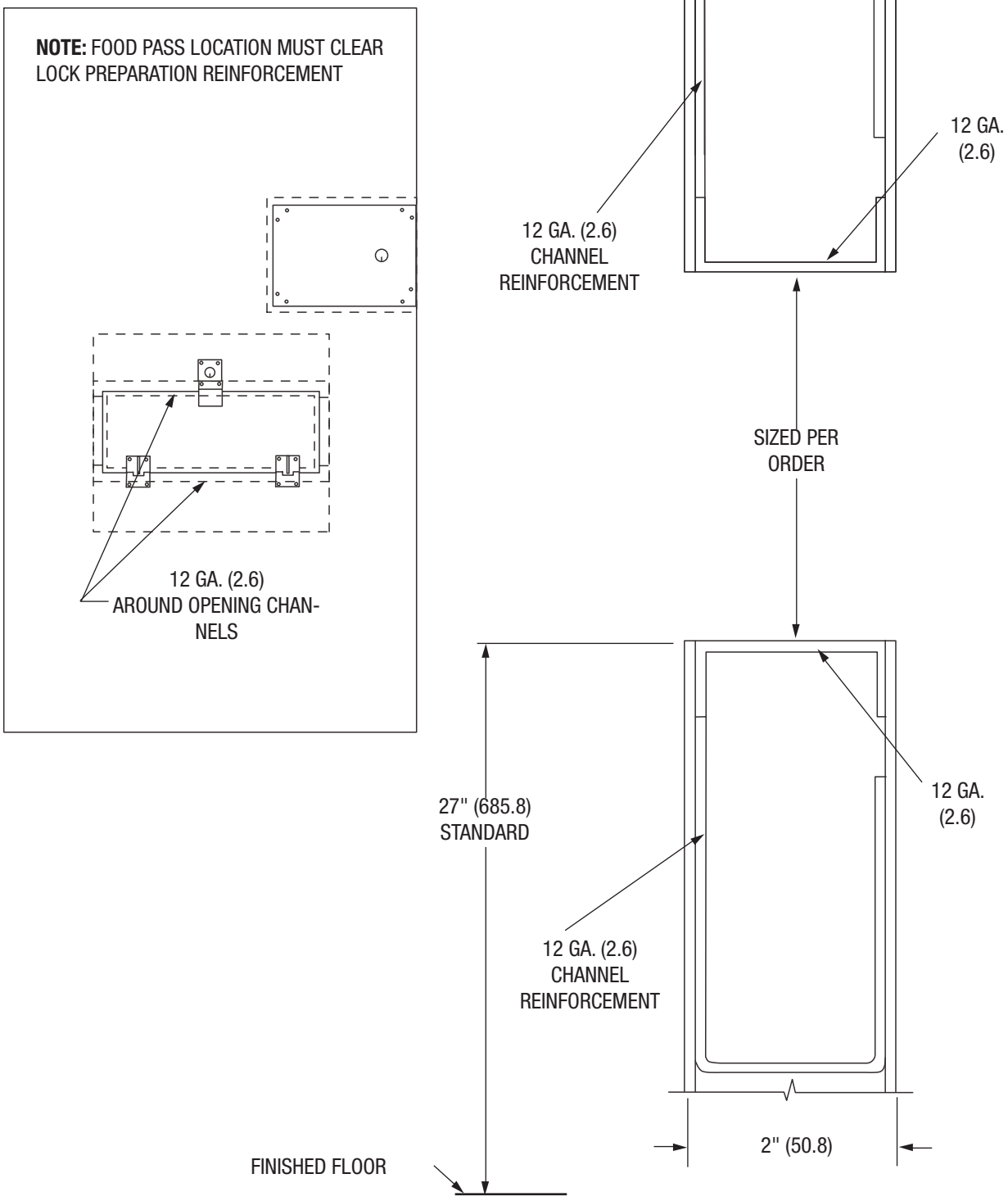
CURRIES
ASSA ABLOY

857 FPC Door Food Pass Reinforcement Only

Door Technical Data

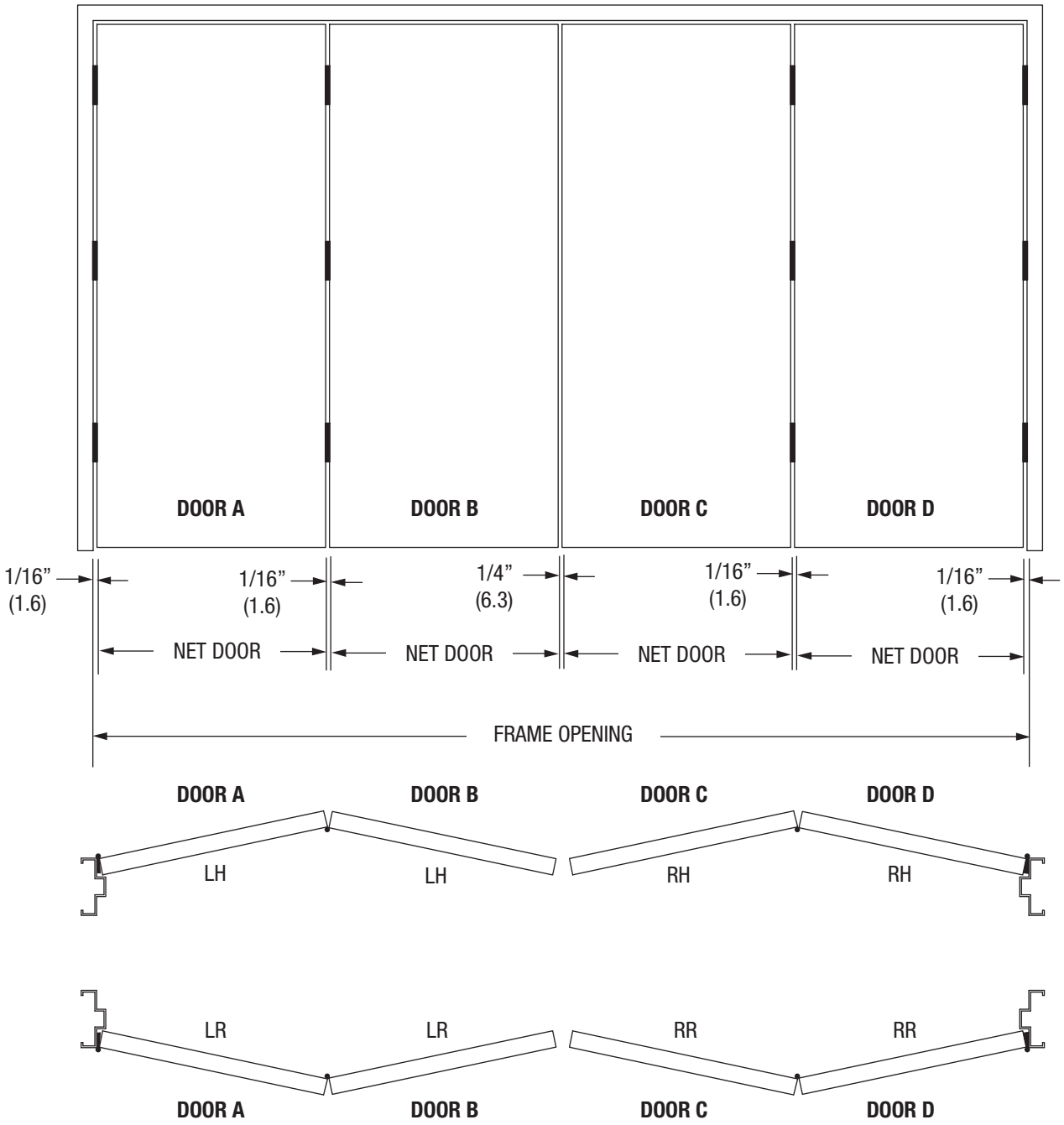
April, 2002

2" DOOR



December, 2012

2 PAIR

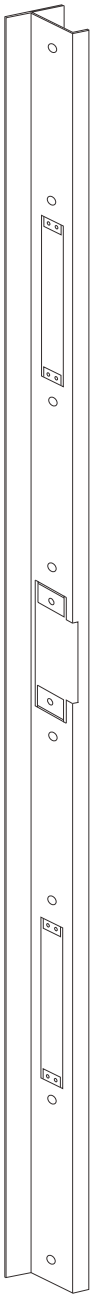


STANDARD CLEARANCES SHOWN WITH SQUARE EDGE DOORS AND MORTISE HINGES. HARDWARE APPLICATIONS CAN CHANGE STILES, BEVELS, AND BOTTOM UNDERCUT. ALWAYS ADVISE FACTORY OF FRAME SIZE AND COMPLETE HARDWARE SET WHEN ORDERING.

CURRIStain (A1) Door and "h" Astragal

Door Technical Data

March, 2010



Steel code - A1
18 (1.1) or 16 (1.3) gauge galvanneal steel with .005" deep oak wood grain embossment.

Available 707 or 727 series “S” edge seam only.

4⁰9⁰ (1219 x 2743.2) max. door size for 707.

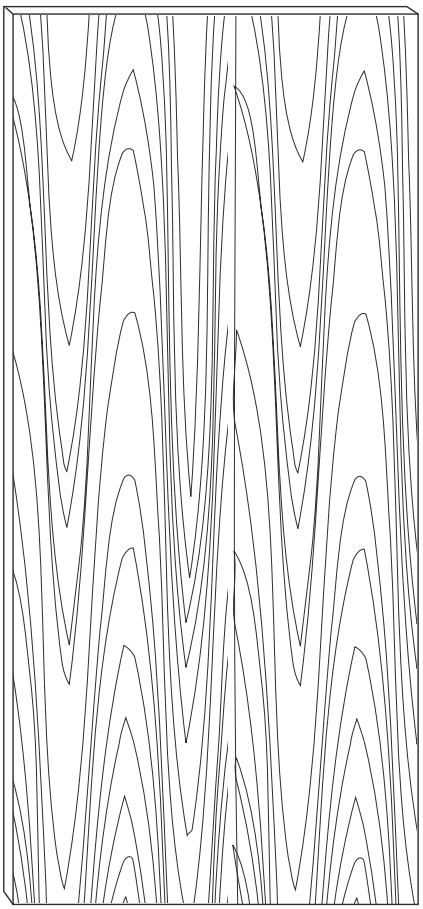
4⁰8⁰ (1219 x 2438.4) max. door size for 727.

Type 1 and Type 2 window kits available.

CURRIStain Finish Colors

Natural	Cocoa
Wheat	Cabernet
Cashew	Java

Custom color match
Check factory for pricing.
Subject to availability.



CURRIStain Astragal (code k)

“h” astragal 18 (1.1) gauge woodgrain embossment (code k). Inactive leaf preparations only! Blank, strike (E1), and or flush bolt (H1) preparations. Screw applied available for CURRIStain door only. 9⁰ (2743.2) maximum height will fit both beveled edge and square edge doors.

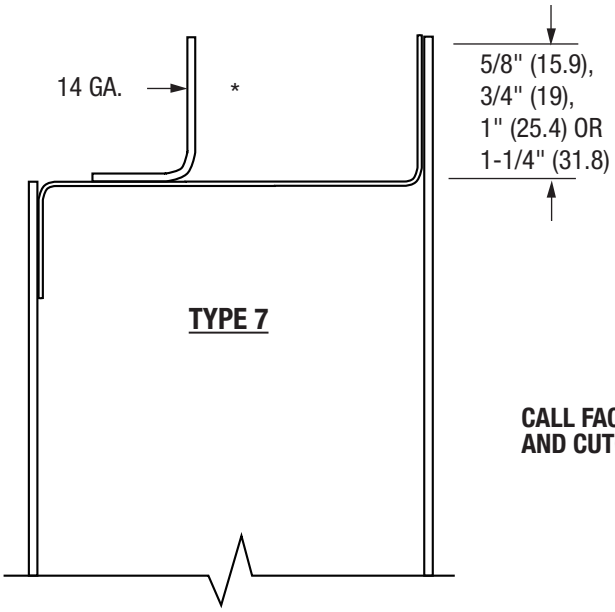
Window Kit Pocket Sizes

Door Technical Data

July, 2014

GLASS THICKNESS		POCKET SIZE
TYPE 1 AND 2 CURRIES AND WOODGRAIN KITS		
0.1875" to 0.25"	Standard Pocket	0.3750"
0.3125" to 0.50"	Special Pocket	0.6250"
0.5625" to 0.75"	Special Pocket	0.8750"
0.8125" to 1.00"	Special Pocket	1.1250"
TYPE 3 KIT		
0.25"	Standard Pocket	0.375"
0.375"	Special Pocket	0.50"
0.50"	Special Pocket	0.625"
TYPE 4 KIT		
0.25"	Standard Pocket	0.375"
0.375"	Special Pocket	0.50"
0.50"	Special Pocket	0.625"
0.625"	Special Pocket	0.75"
0.75"	Special Pocket	0.875"
0.875"	Special Pocket	1.00"
1.00"	Special Pocket	1.125"
TYPE 7 KIT		
0.25"	Standard Pocket	0.375
0.375"	Special Pocket	0.50"
0.5"	Special Pocket	0.625"
0.625"	Special Pocket	0.750"
0.75"	Special Pocket	0.875"
TYPE 8 KIT		
0.25"	Standard Pocket	0.375
0.375"	Special Pocket	0.50"
0.50"	Special Pocket	0.625"
0.625"	Special Pocket	0.75"
0.75"	Special Pocket	0.875"
0.875"	Special Pocket	1.00"
1.00"	Special Pocket	1.125"
1.125"	Special Pocket	1.250"
1.25"	Special Pocket	1.375"
1.375"	Special Pocket	1.50"
1.50"	Special Pocket	1.625"
TYPE 9 AND 10 ASSA KITS		
0.1875" to 0.3125"	Standard Pocket	0.375"
0.375" to 0.50"	Special Pocket	0.5625"
0.5625" to 0.75"	Special Pocket	0.8125"
0.8125" to 1.00"	Special Pocket	1.0625"

L



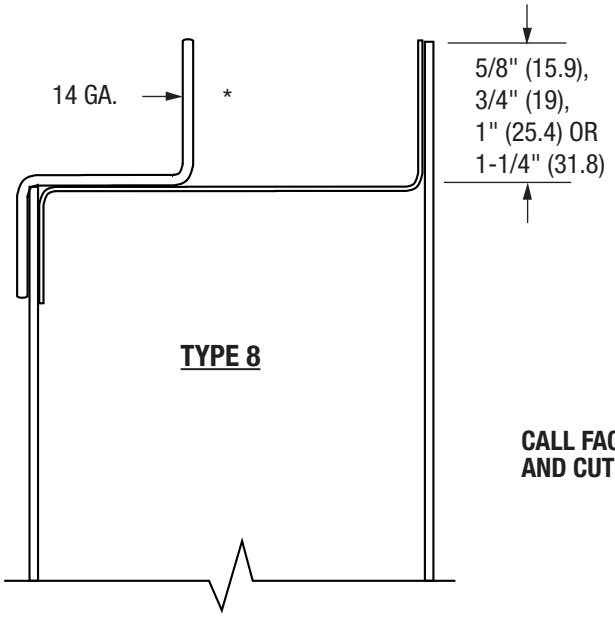
* POCKET SIZE 3/8" (9.5), 1/2" (12.7), 5/8" (15.9), 3/4" (19.1), 7/8" (22.2), FOR 1-3/4" (44.45) DOORS

3/8" (9.5) THROUGH 1-1/8" (28.6) IN 1/8" INCREMENTS FOR 2" (50.8) DOORS

CALL FACTORY FOR GLASS AND CUTOUT SIZE

GLASS THICKNESS PLUS.125 = POCKET

Glass Moulding Type 8



* POCKET SIZE 3/8" (9.5), THROUGH 1-5/8" (41.3) FOR 1-3/4" (44.5) DOORS

3/8" (9.5) THROUGH 1-7/8" (47.6) IN 1/8" INCREMENTS FOR 2" (50.8) DOORS

CALL FACTORY FOR GLASS AND CUTOUT SIZE

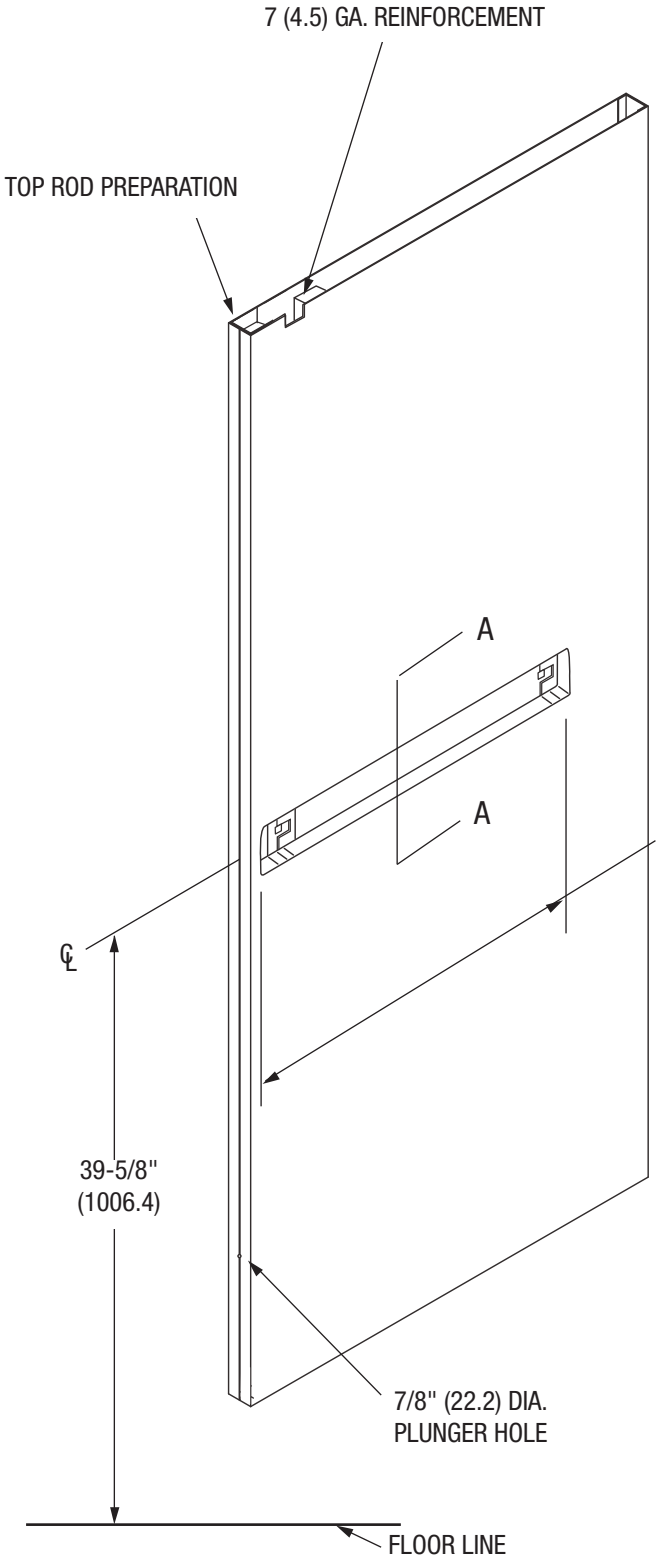
GLASS THICKNESS PLUS.125 = POCKET

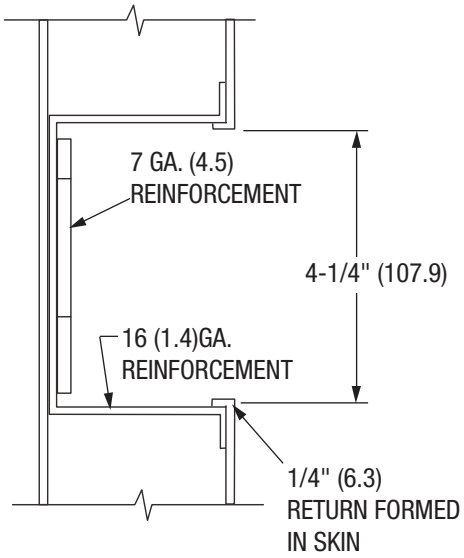
G13C "VON DUPRIN" Recessed Verticla Rod Exit Device (LBR)

Door Technical Data

June, 2004

L





SECTION A–A

CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32" (613.6)	2'6" (762.0) ≤ W < 2'10" (863.6)
30-5/32" (765.9)	2'10" (863.6) ≤ W ≤ 5'0" (1524)

THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8'0" X 10'0", 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.

* STANDARD HINGE AND LOCK CLEARANCES

1-3/4" (44.4) DOOR ONLY

NOT AVAILABLE ON:

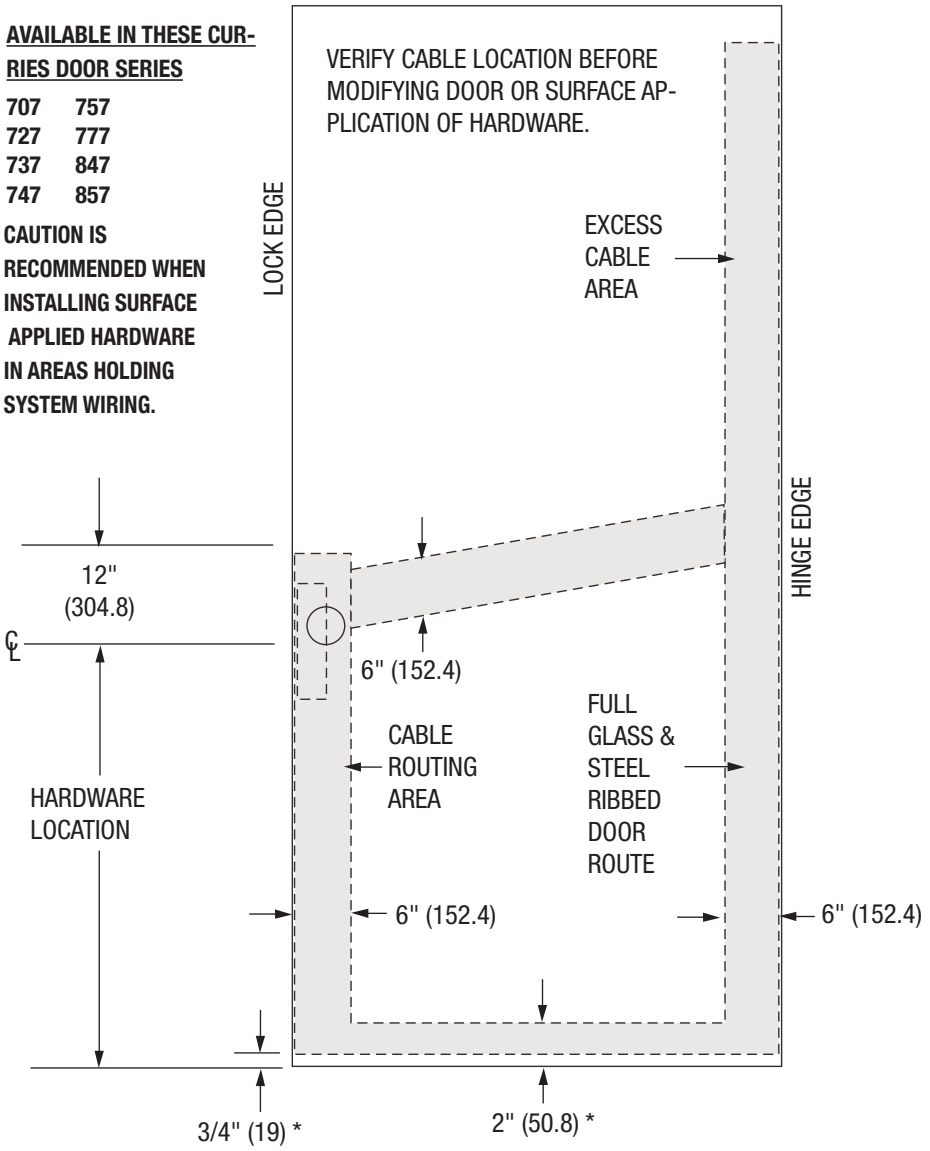
EMBOSSED PANEL DOORS
20 (.91) GAUGE DOORS
607 SERIES DOORS
737 SERIES DOORS
2" (50.8) THICK DOORS

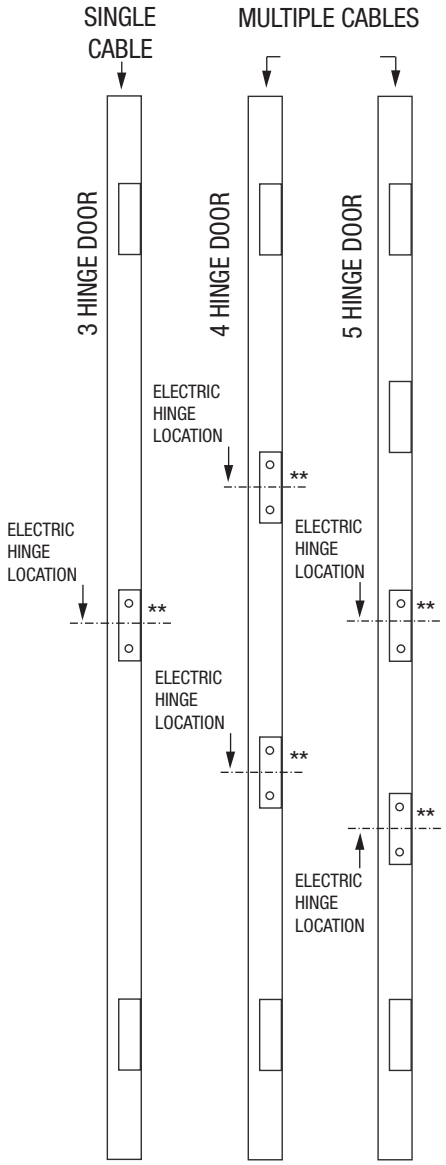
THE CURRIES ELECTROLYNX CABLE IS EQUIPPED WITH THE ELECTROLYNX SYSTEM OF PLUG IN CONNECTORS FOR FAST, EASY, CONNECTION TO SIMILARLY EQUIPPED ASSA ABLOY HARDWARE. THE ELECTROLYNX CABLE HAS 15 CONDUCTORS OF 22 GA. WIRE IN A PVC JACKET, WITH ELECTROLYNX CONNECTORS ON THE HARDWARE PREP END ONLY. POWER OVER ETHERNET (POE) CABLES ARE ALSO AVAILABLE.

AVAILABLE IN THESE CURRIES DOOR SERIES

707	757
727	777
737	847
747	857

CAUTION IS RECOMMENDED WHEN INSTALLING SURFACE APPLIED HARDWARE IN AREAS HOLDING SYSTEM WIRING.



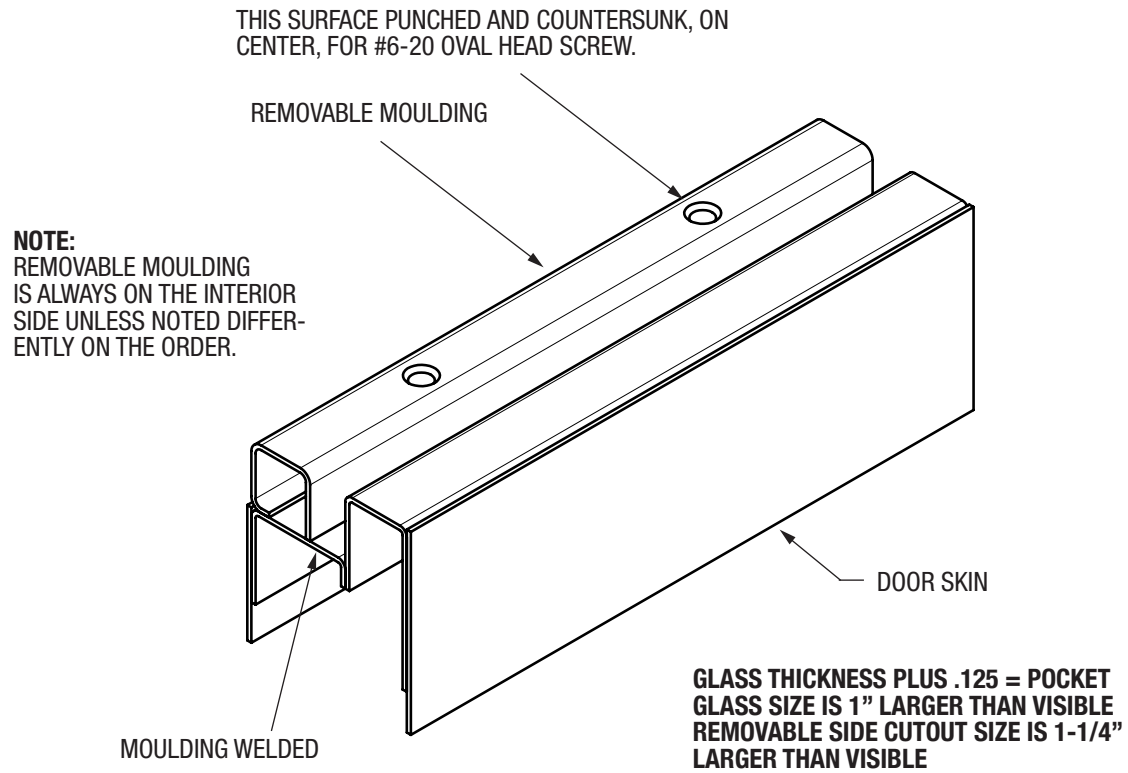


* BASED ON 3/4" (19) END CHANNEL DEPTH. VARIES FOR HARDWARE MOUNTED IN BOTTOM OF DOOR (EG-DOOR BOTTOMS).

** MINIMUM OF THREE HINGES WHEN ELECTROLYNX CABLE IS ORDERED. STANDARD LOCATION SHOWN. SOME HARDWARE AND TRIM COMBINATIONS WILL REQUIRE MULTIPLE ELECTROLYNX CABLES.
ADDITIONAL ELECTRIC HINGE PREPARATIONS FOR MULTIPLE ELECTOLYNX CABLES ARE REQUIRED.

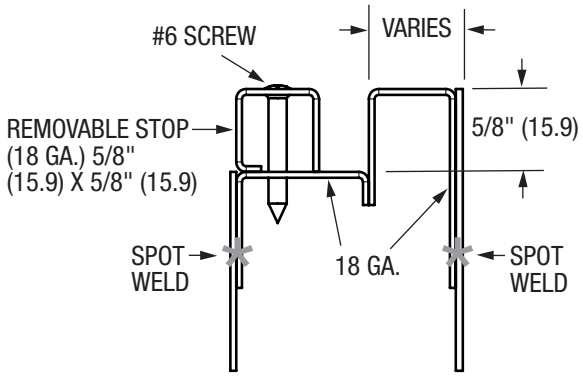
3/8" (9.5), 1/2" (12.7), AND 5/8" (15.8) POCKETS ONLY
1-3/4" (44.5) DOORS ONLY

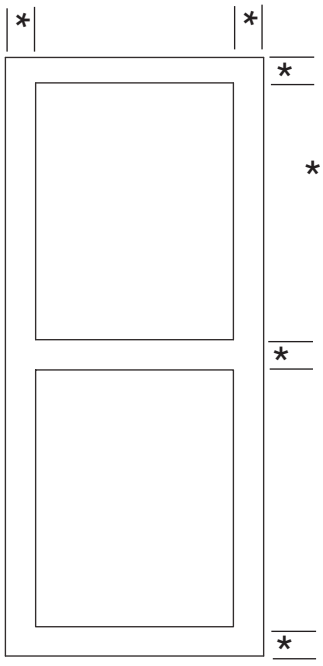
L



NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.

GLASS THICKNESS PLUS .125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
REMOVABLE SIDE CUTOUT SIZE IS 1-1/4" LARGER THAN VISIBLE





* 3-1/8" (79.3) MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 11 MOULDING. "NO FIRE LISTING," LIMITED HARDWARE.

767 Stile and Rail Door

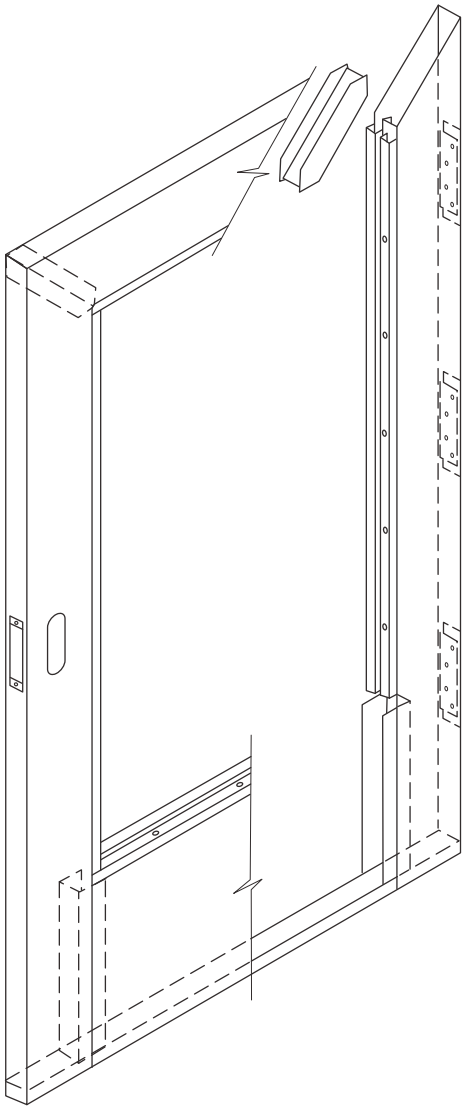
Door Technical Data

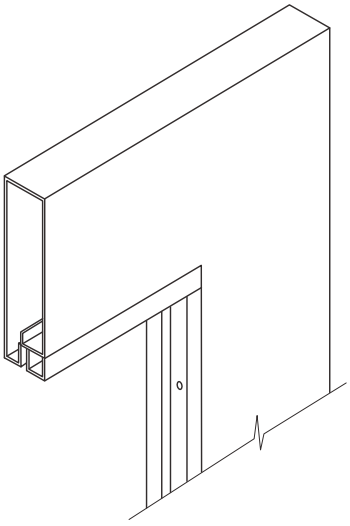
June, 2013

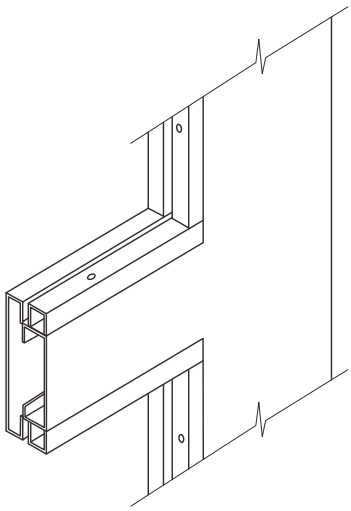
L

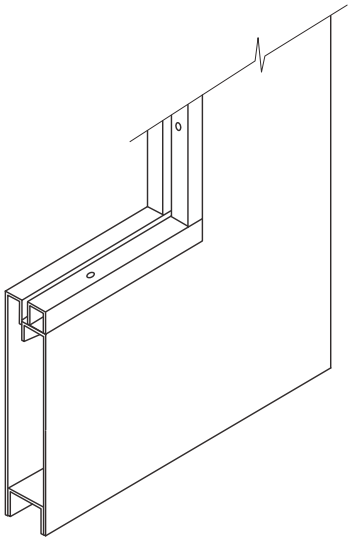
- 16 GA. INSULATED TUBULAR STEEL
- FLUSH TOP
- CONTINUOUSLY WELDED CORNERS
- FLUSH GLAZING
- 5-5/8" STILES AND TOP RAIL
  (OPTIONAL 3-5/8" and 7-5/8")
- 12-5/8" BOTTOM RAIL
  (OPTIONAL 10-5/8", 14-5/8"
  OR 16-5/8")
- OPTIONAL CENTER RAIL
- BEVELED LOCK & HINGE EDGE

NOTE: RACEWAYS, ELECTRIC HINGES, OR EPT PREPS ARE NOT ALLOWED









767 Stile and Rail Door

Door Technical Data

June, 2013

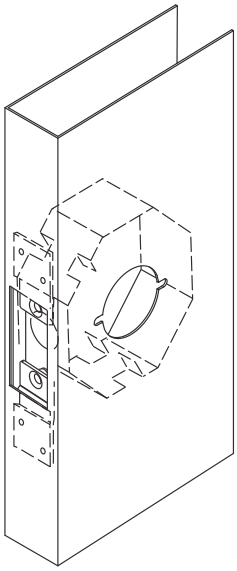
L

TOP RAIL – FLUSH SEAMLESS DESIGN, 5-5/8" RAIL STANDARD, 3-5/8" RAIL AND 7-5/8" OPTIONAL

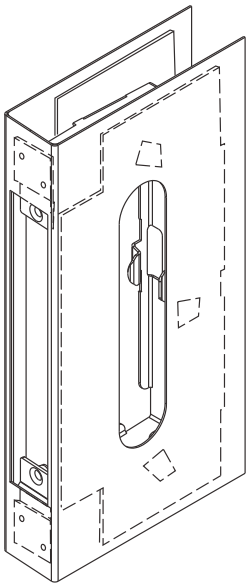
OPTIONAL CENTER RAIL – FLUSH SEAMLESS DESIGN, 5-5/8" RAIL STANDARD, 3-5/8" RAIL AND 7-5/8" OPTIONAL

BOTTOM RAIL – FLUSH SEAMLESS DESIGN, 12-5/8" BOTTOM RAIL STANDARD, 10-5/8", 14-5/8" OR 16-5/8" RAIL OPTIONAL

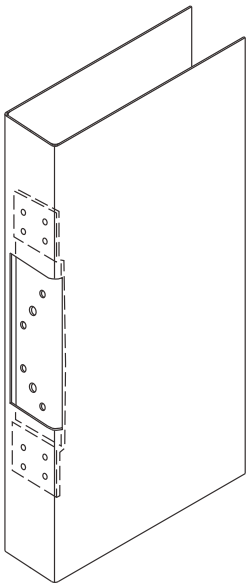
CYLINDRICAL LOCK
(ANSI A115.2)
2-3/4" BACKSET
GOV. 160/161



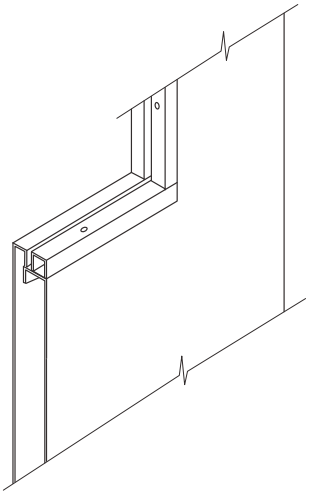
MORTISE LOCK
(ANSI A115.1)
2-3/4" BACKSET
GOV. 86



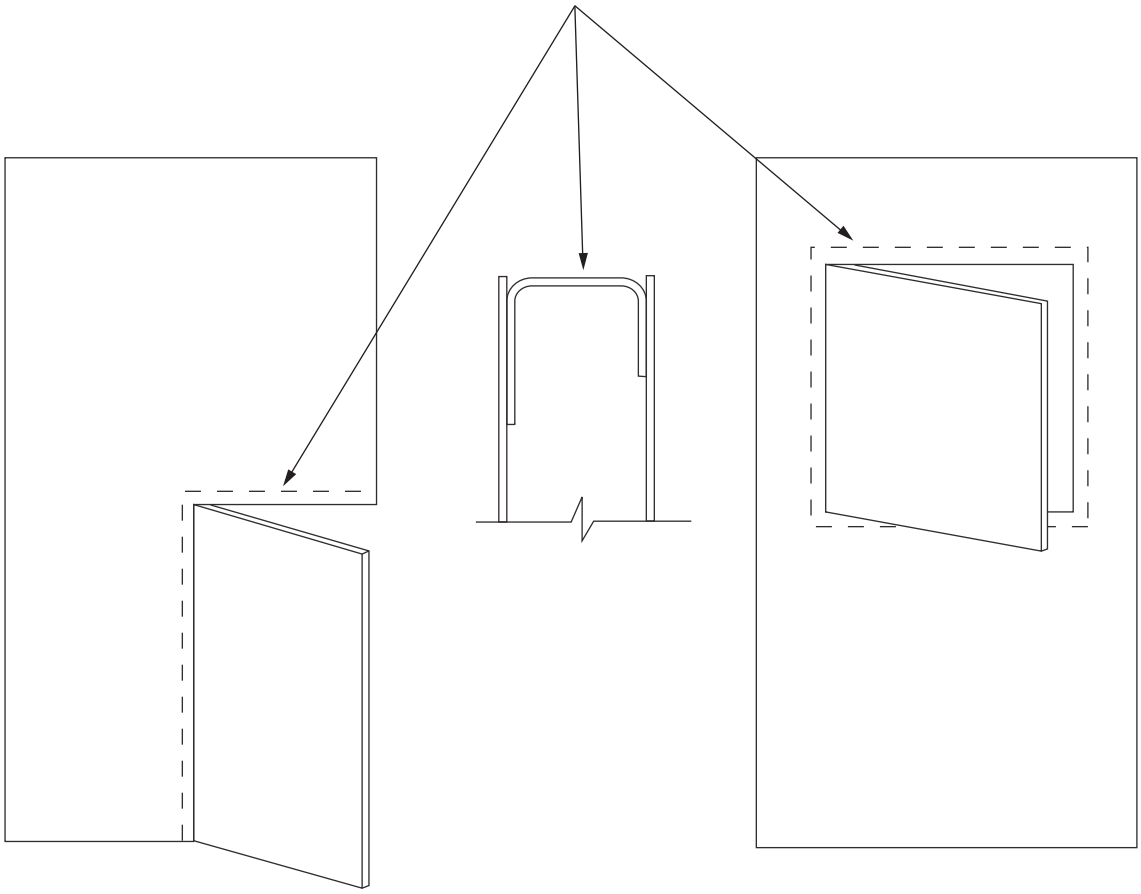
HINGE PREPARATION
4-1/2" OR 5" HIGH STANDARD OR
HEAVY WEIGHT,
FULL MORTISE
ANSI A156.7,
HANDED



FLUSH GLAZING
INTEGRAL FLUSH GLAZING WITH
REMOVABLE GLASS BEAD



14 GA. (1.9) CHANNEL SURROUND FLUSH WITH
SEAM EDGE NEXT TO SKINS



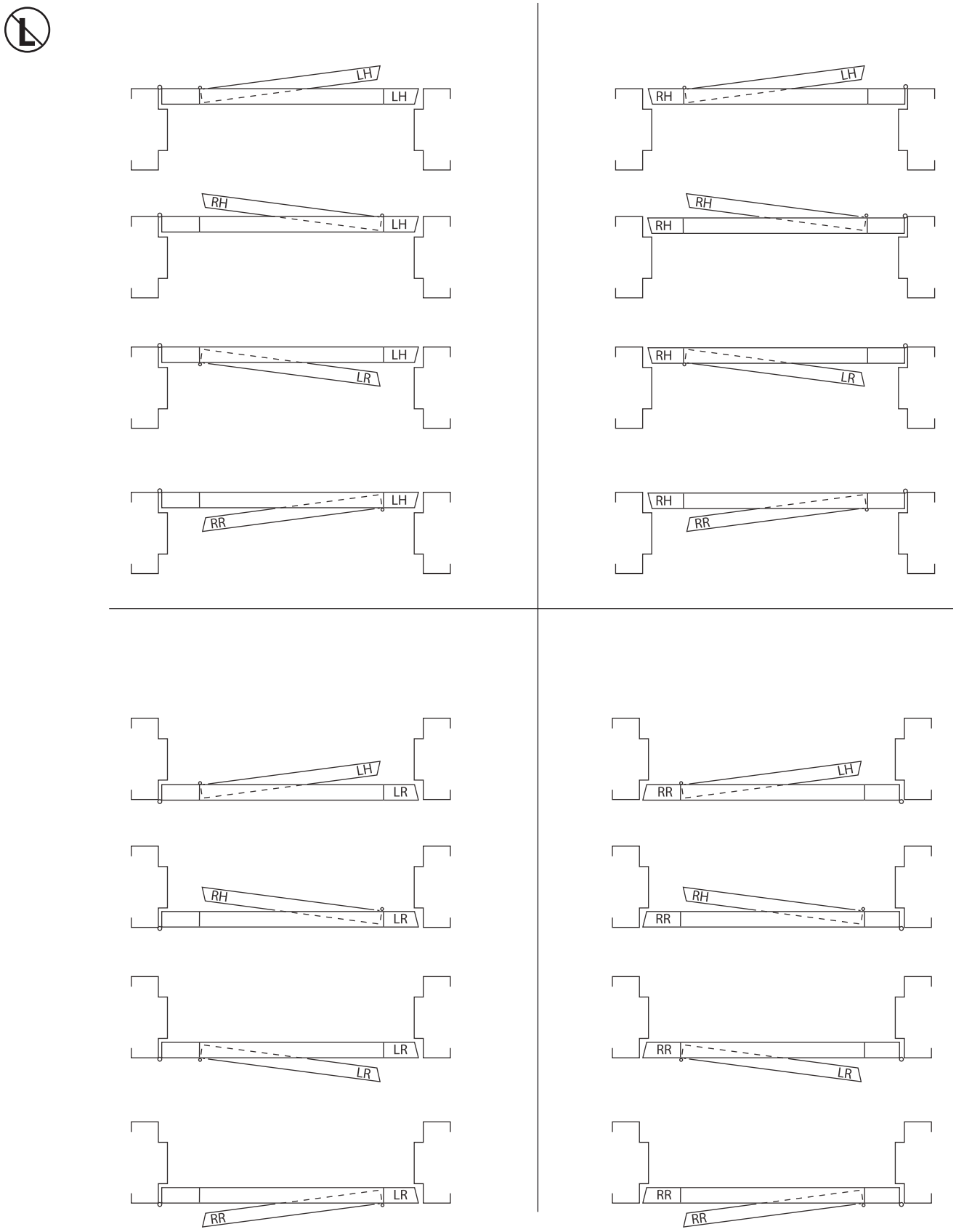
MAN DOOR **PASS THRU DOOR**

- DOOR IN A DOOR - 2 DOORS
- USE NEXT SIZE DOOR UP FOR EACH DOOR.
- LARGER DOOR MUST BE 747 CONSTRUCTION.
- MOST HINGE AND LOCK PREPARATIONS ARE AVAILABLE.
- EACH WICKET DOOR ASSEMBLY MUST BE ENGINEERED FOR PRACTICAL APPLICATION AND CLEARANCES TO ENSURE QUALITY PRODUCT SATISFACTION.

Wicket Door Handing

Door Technical Data

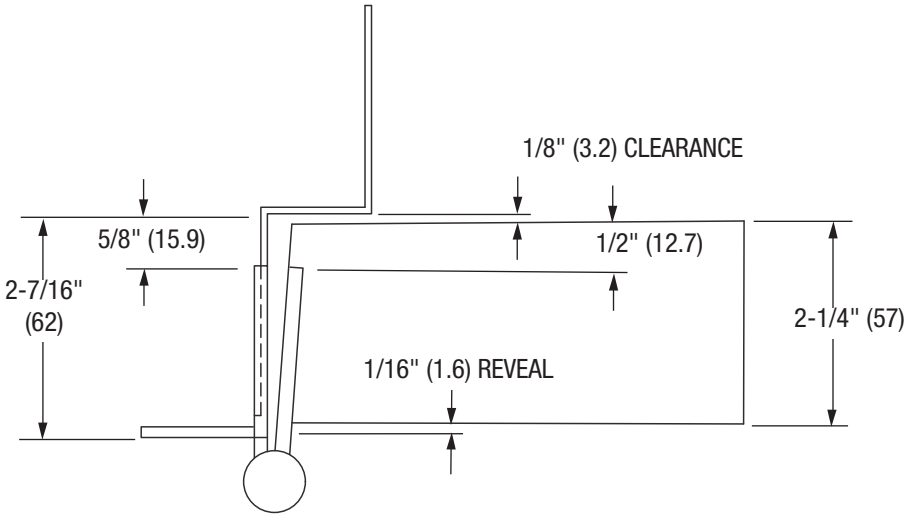
April, 2006



STANDARD HINGE BACKSET

2-1/4" DOOR

"G" BEVEL DOOR SHOWN

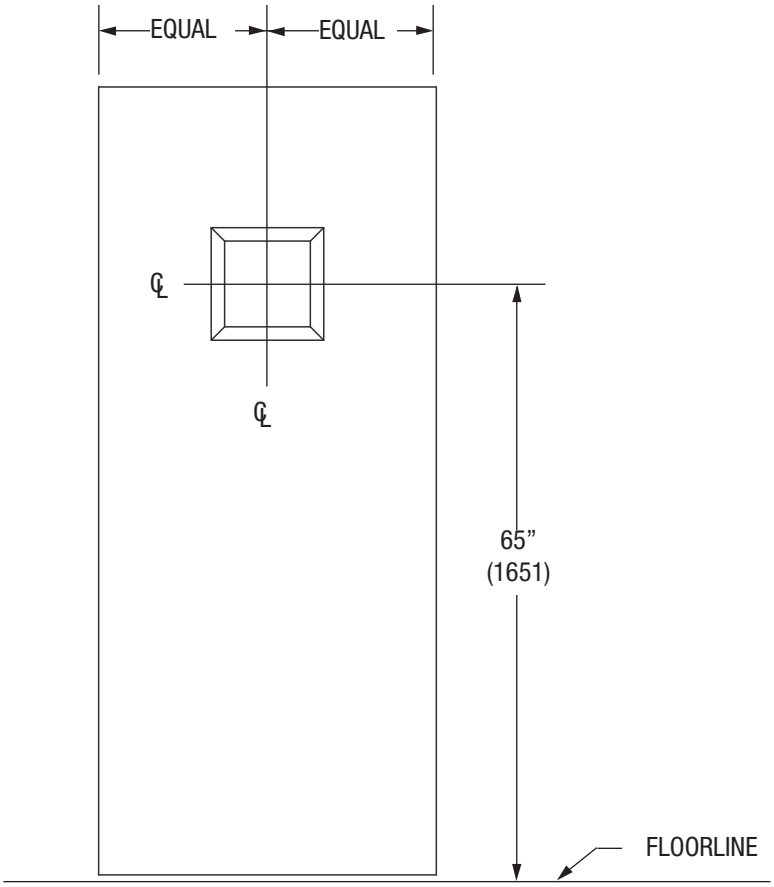


NOTE: TYPE 3 AND 4 CONCEALED MOULDING ONLY

February, 2010

L

Type 9 & 10 Window Moulding



FV

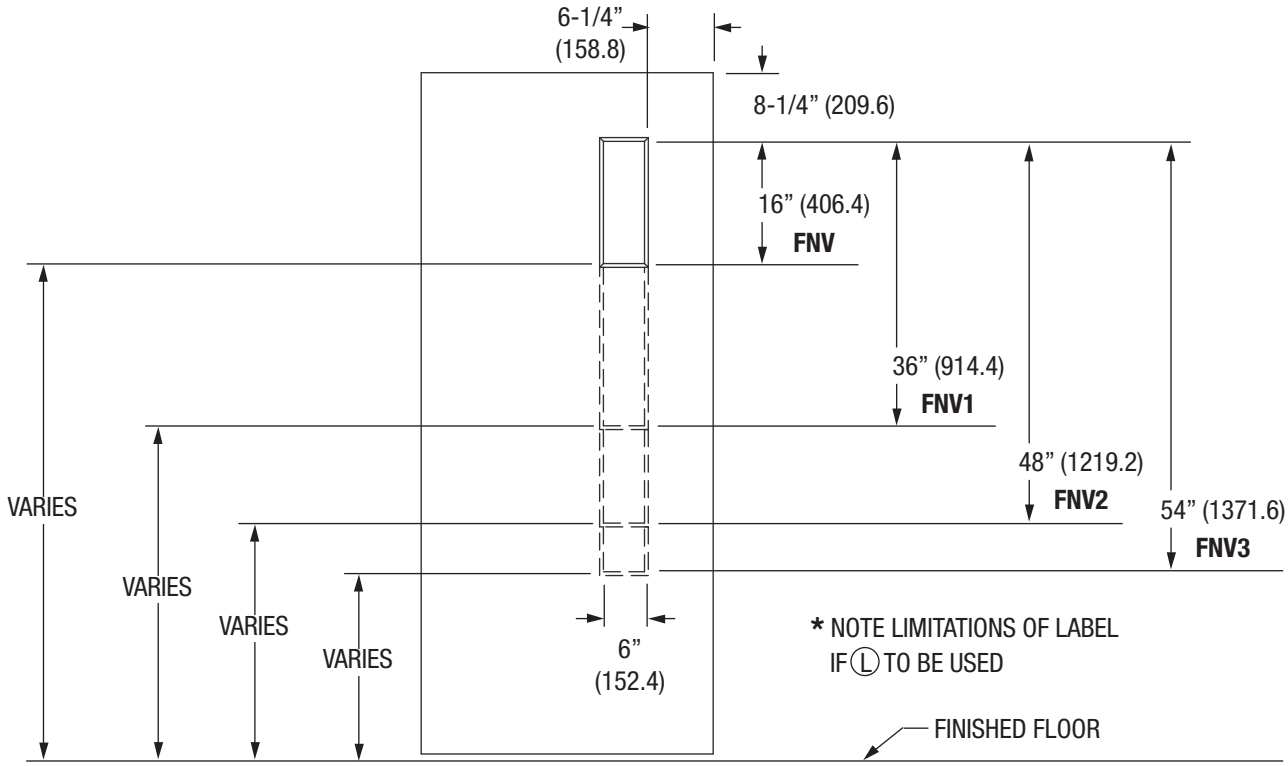
FV	10” (254) X 10” (254)
FV1	12” (304.8) X 12” (304.8)

February, 2009

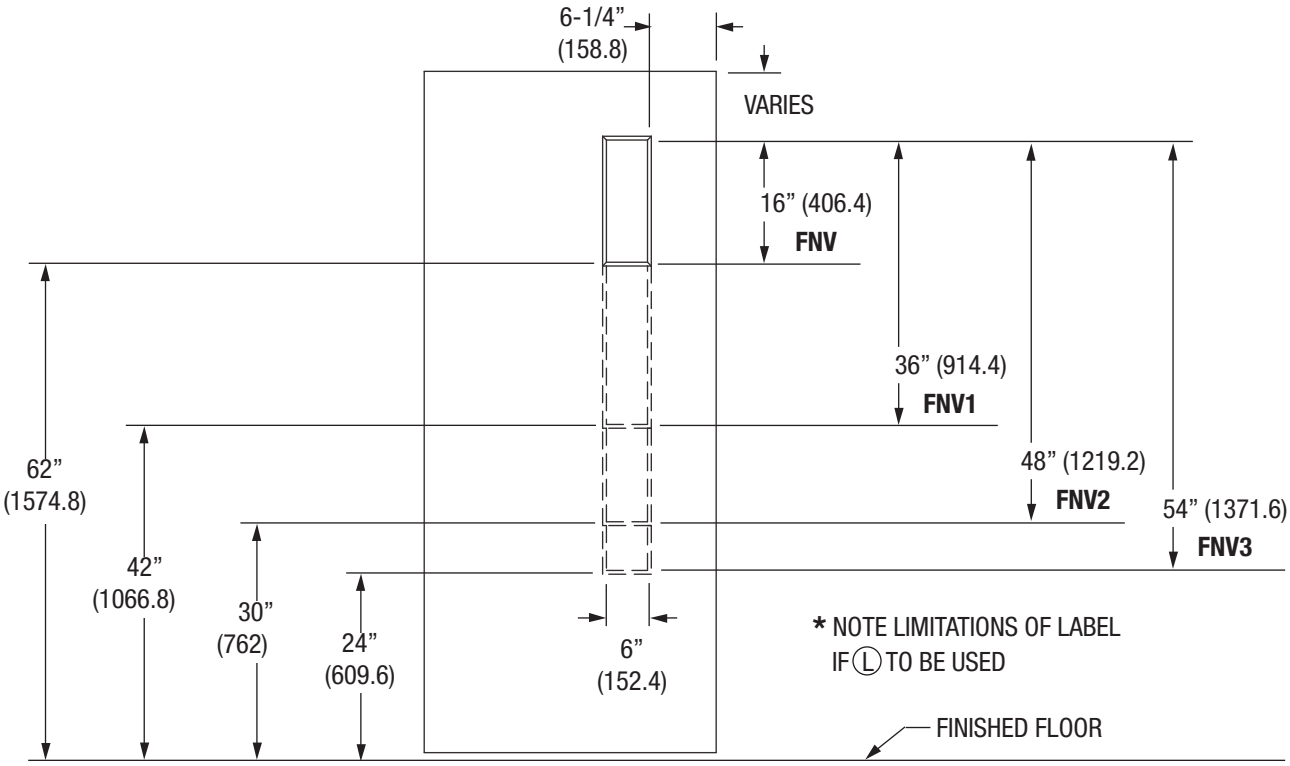
Type 9 & 10 Window Moulding

Ⓛ

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)

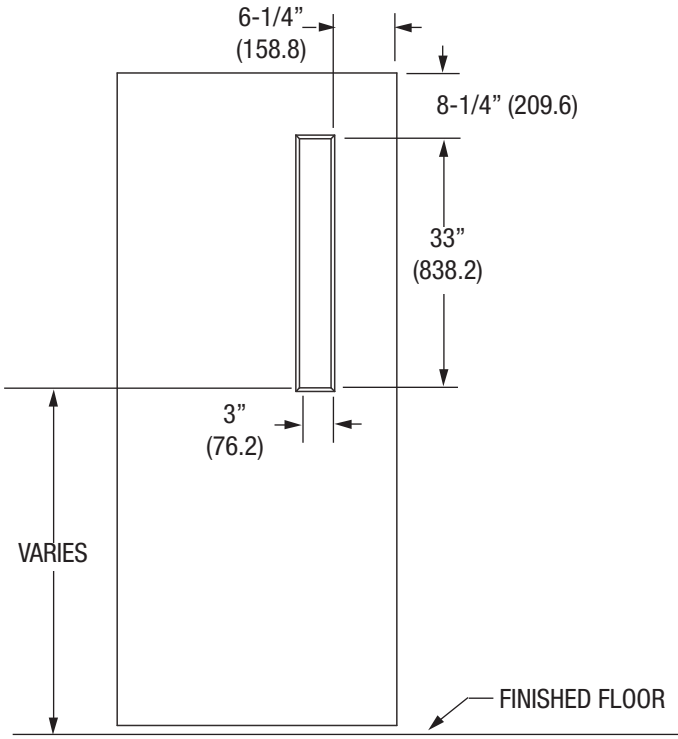


CURRIES
ASSA ABLOY

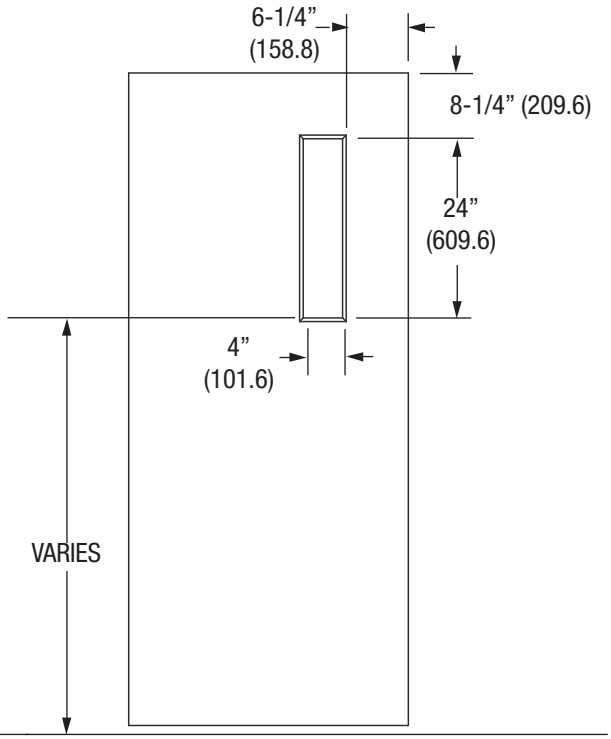
February, 2009

L

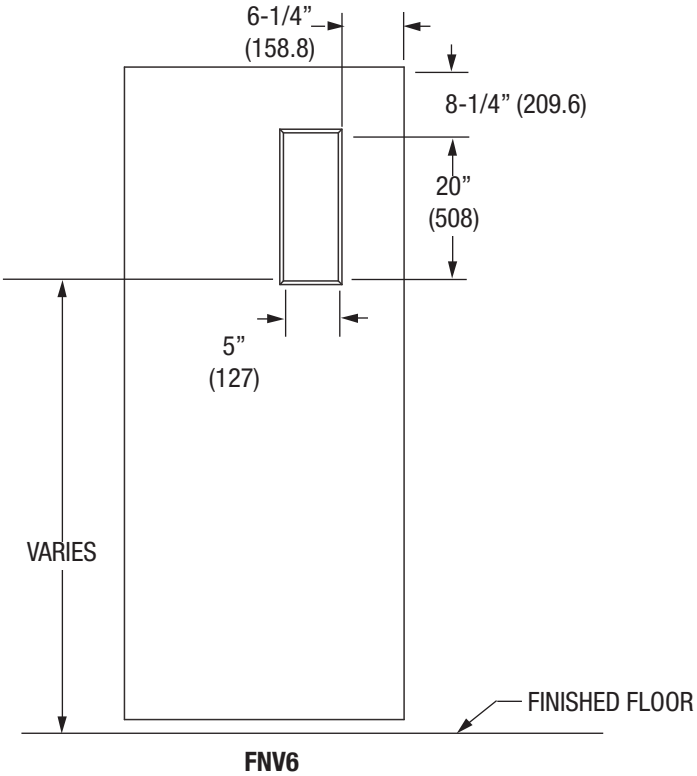
Type 9 & 10 Window Moulding



FNV4



FNV5

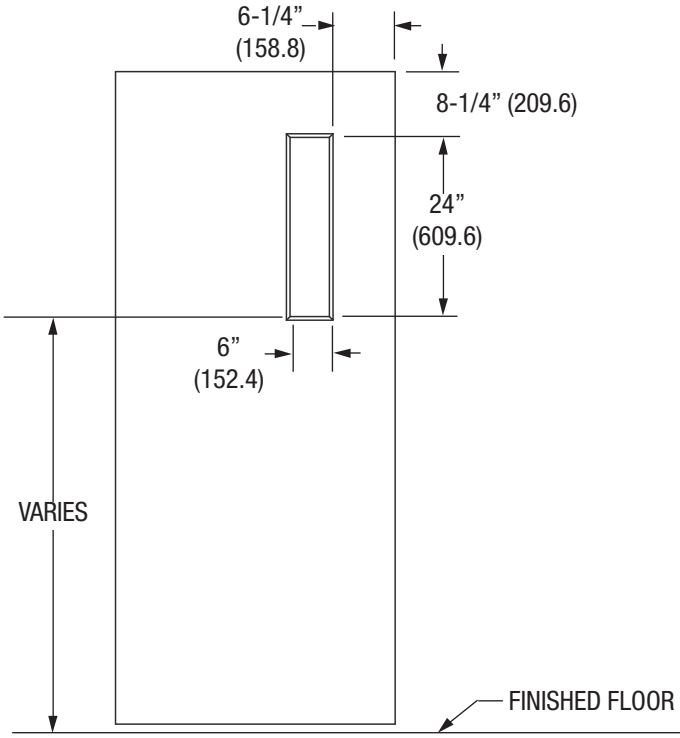


FNV6

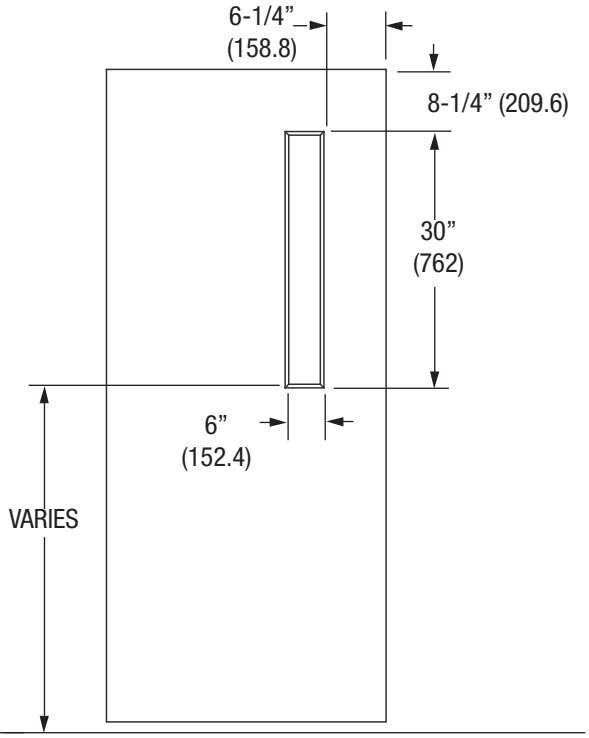
STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER

Type 9 & 10 Window Moulding

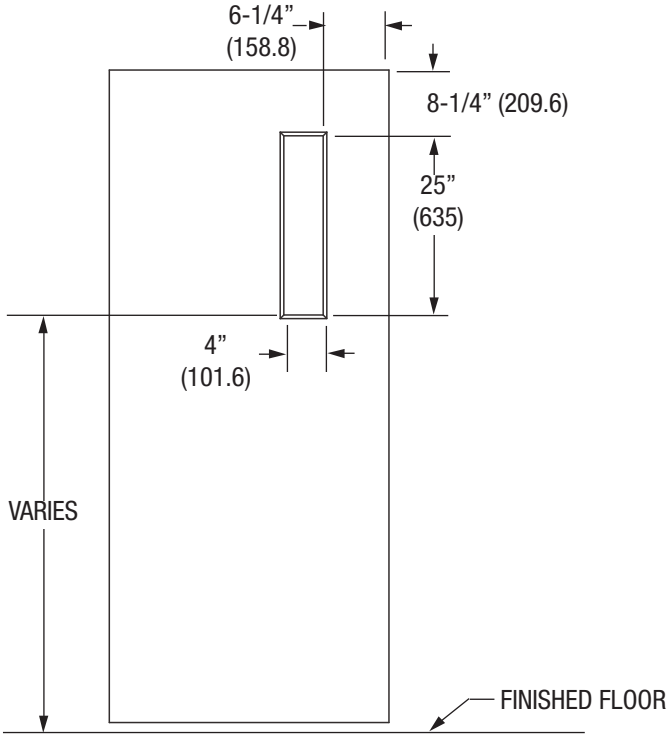
L



FNV7



FNV8



FNV9

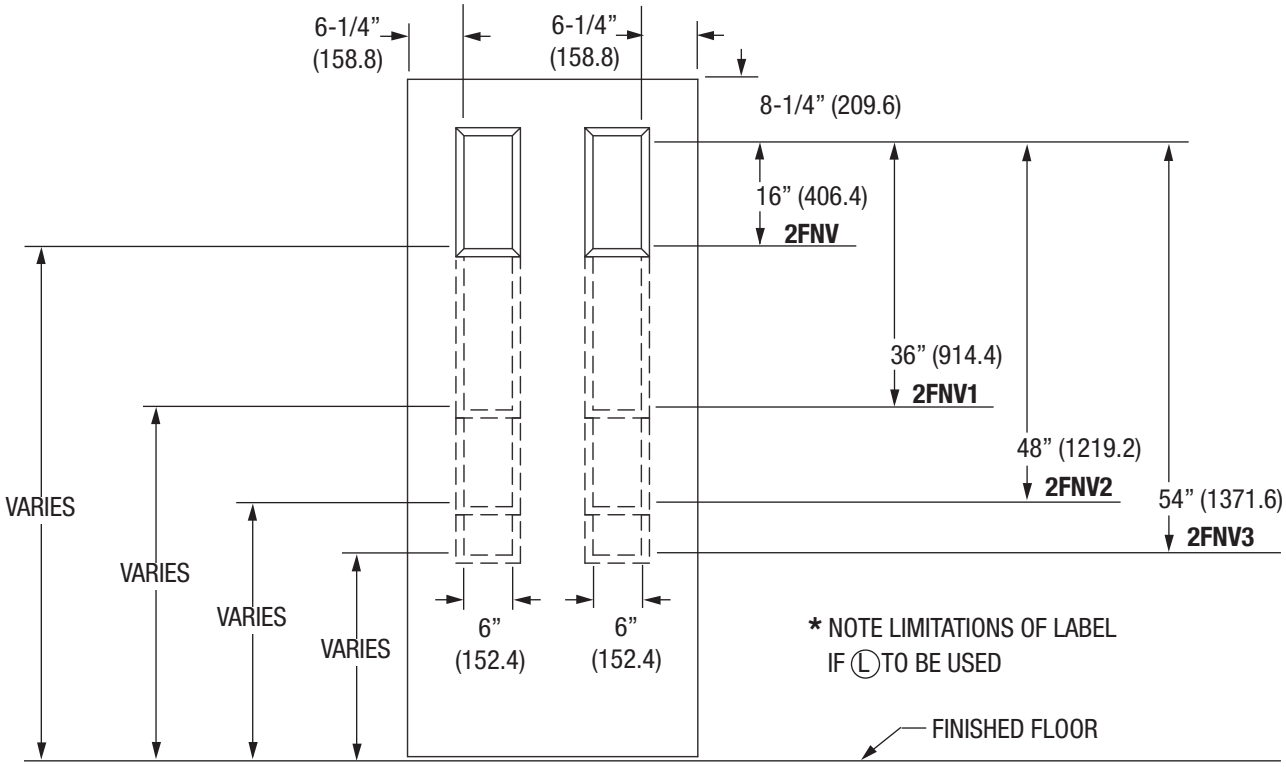
STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER

February, 2009

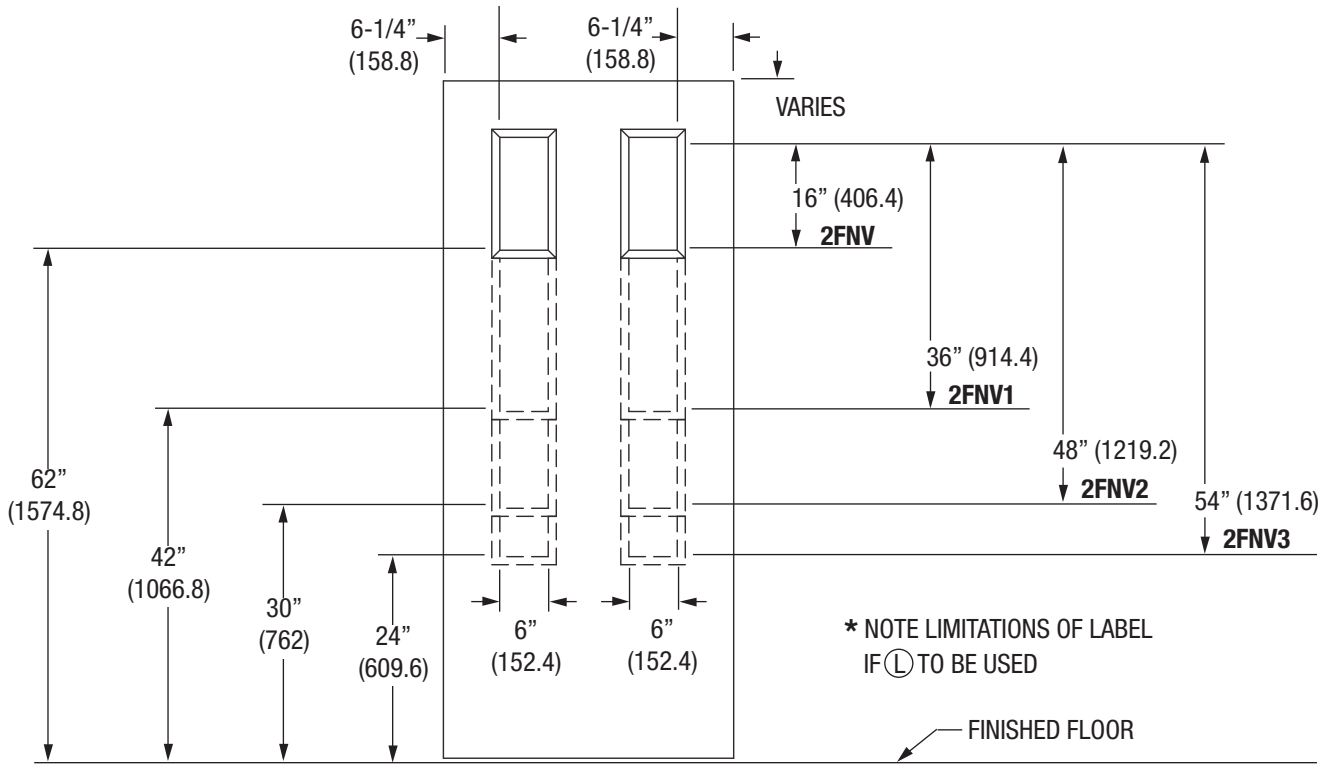
Type 9 & 10 Window Moulding

Ⓛ

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER

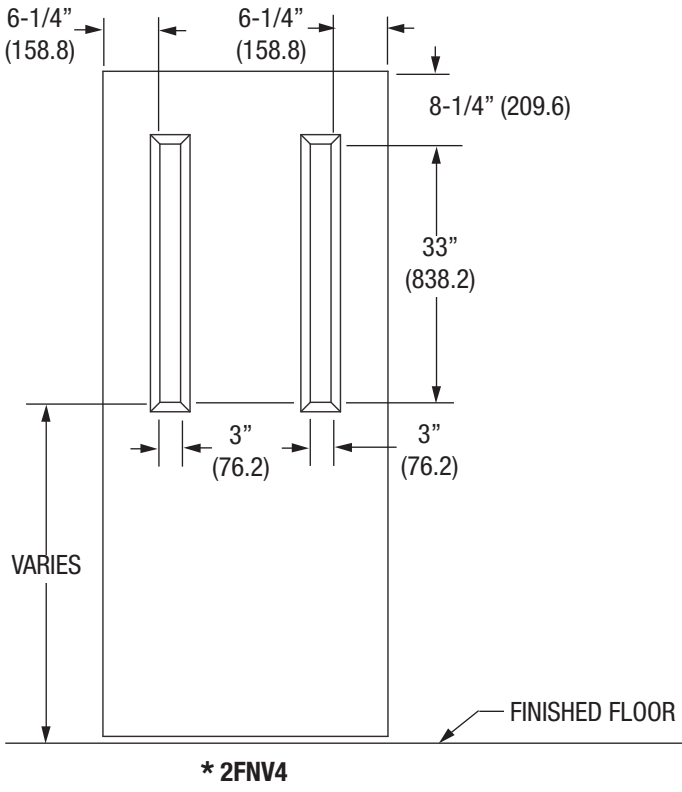


STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)

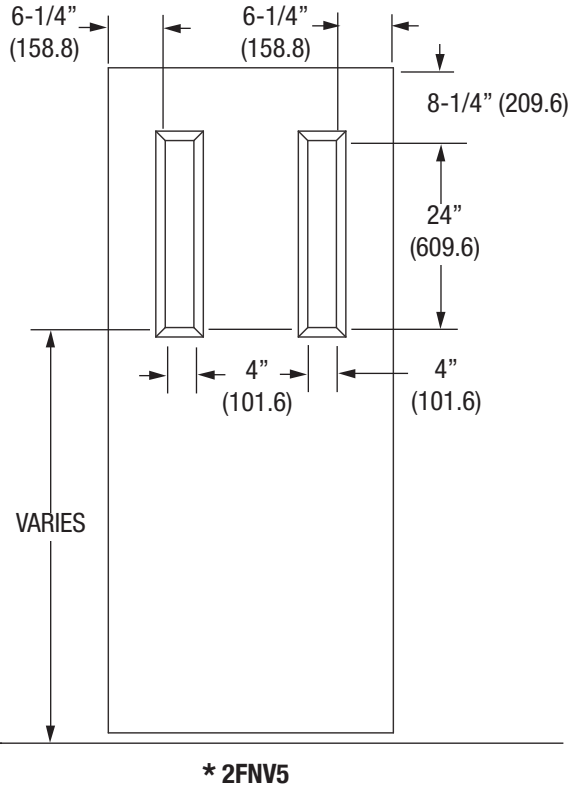


Type 9 & 10 Window Moulding

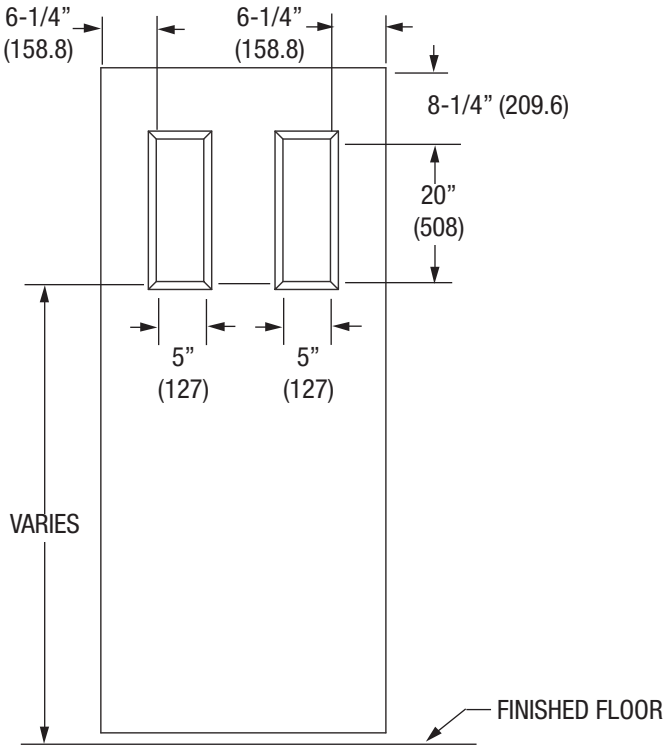
L



*** 2FNV4**



*** 2FNV5**



*** 2FNV6**

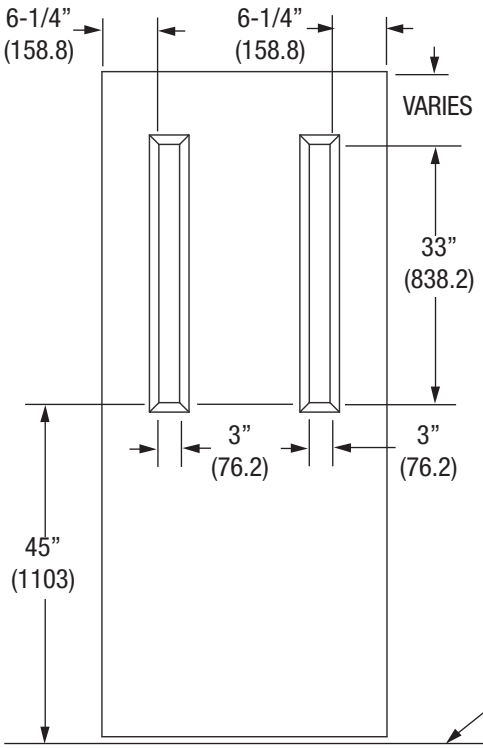
***** MINIMUM 6" (152.4) STILES
TO BE LABEL APPROVED

STANDARD LOCATIONS FOR
DOORS 7'2" (2184.4) AND UNDER

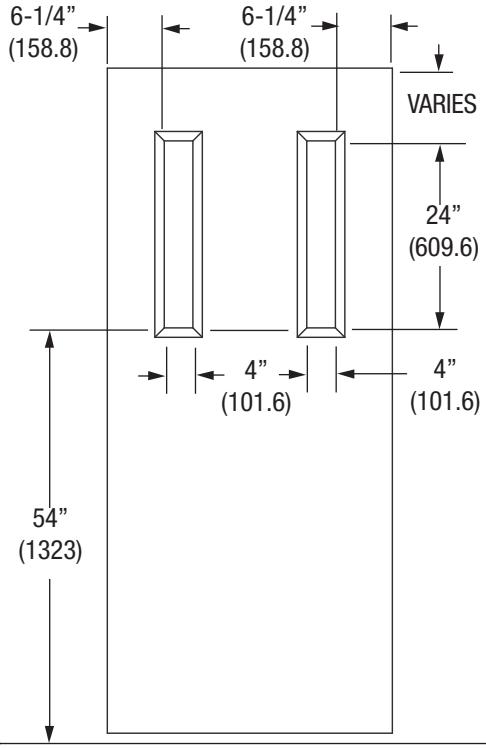
February, 2009

Type 9 & 10 Window Moulding

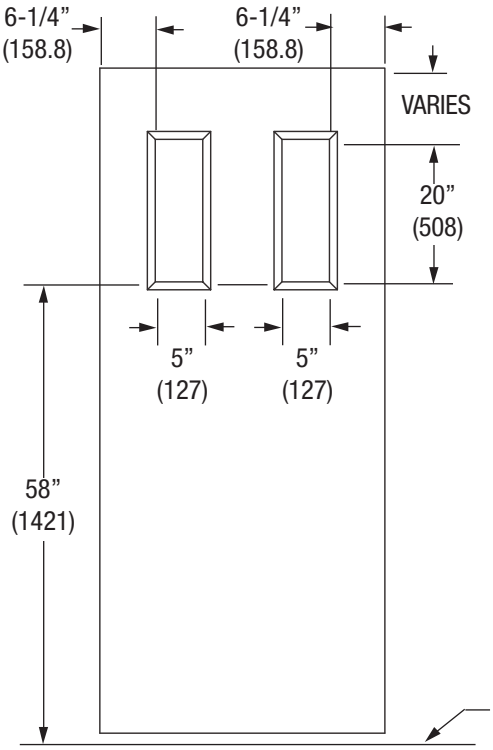
L



*** 2FNV4**



*** 2FNV5**



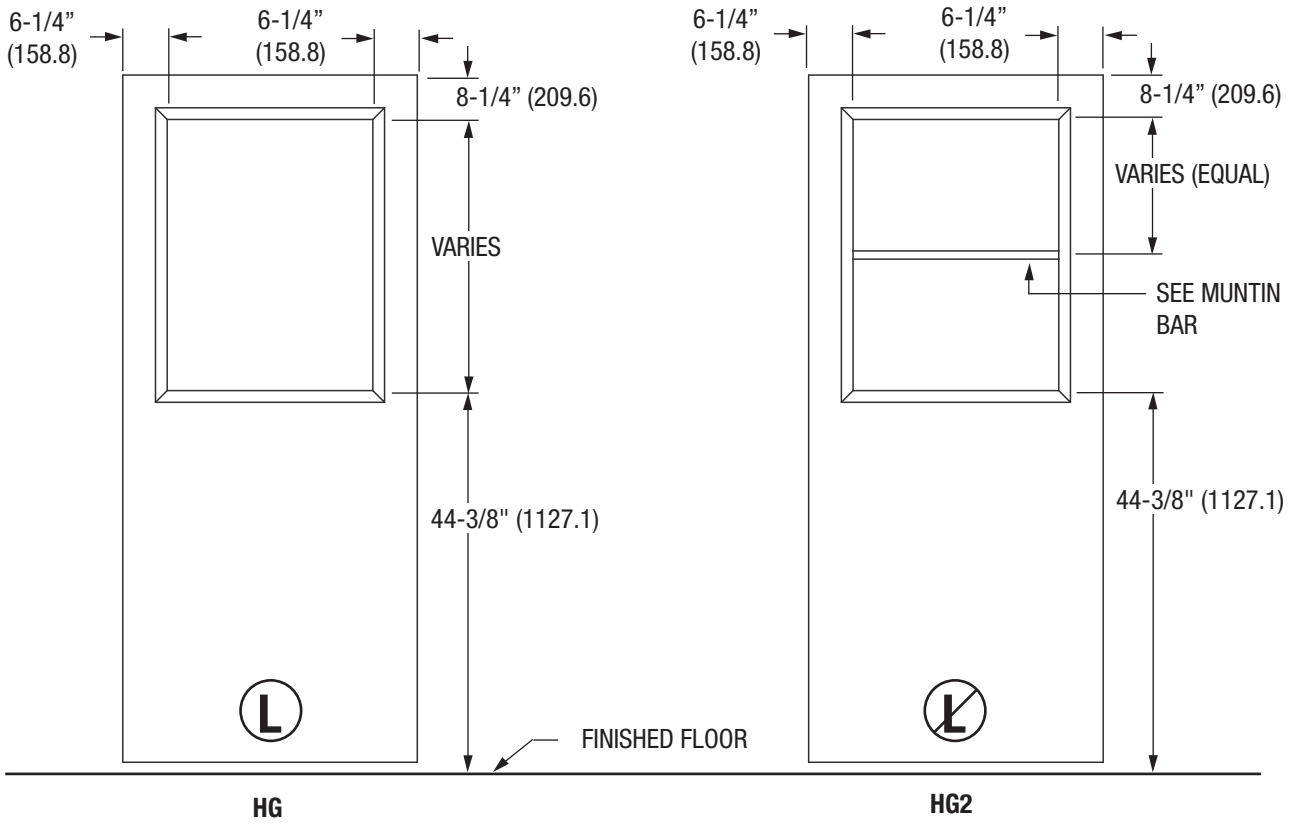
*** 2FNV6**

* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

STANDARD LOCATIONS FOR DOORS OVER 7'2"

February, 2009

Type 9 & 10 Window Moulding



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	27-1/4" (692.1)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	31-1/4" (793.8)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	33-1/4" (844.6)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	13-3/16" (335)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	15-3/16" (385.8)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	16-3/16" (411.2)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

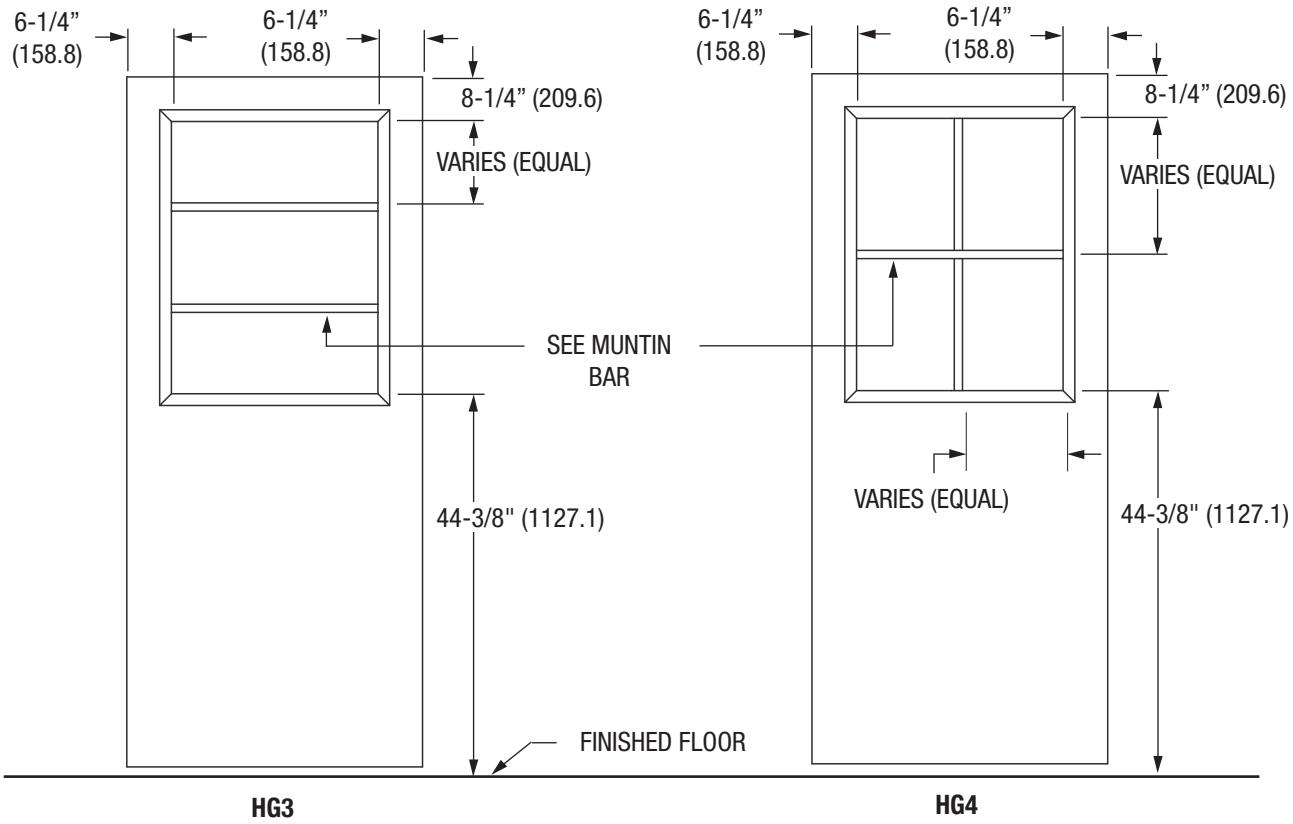
NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

Glass Sizes (Visible) and Lite Locations HG2, HG4

Door Technical Data

May, 2014

Type 9 & 10 Window Moulding

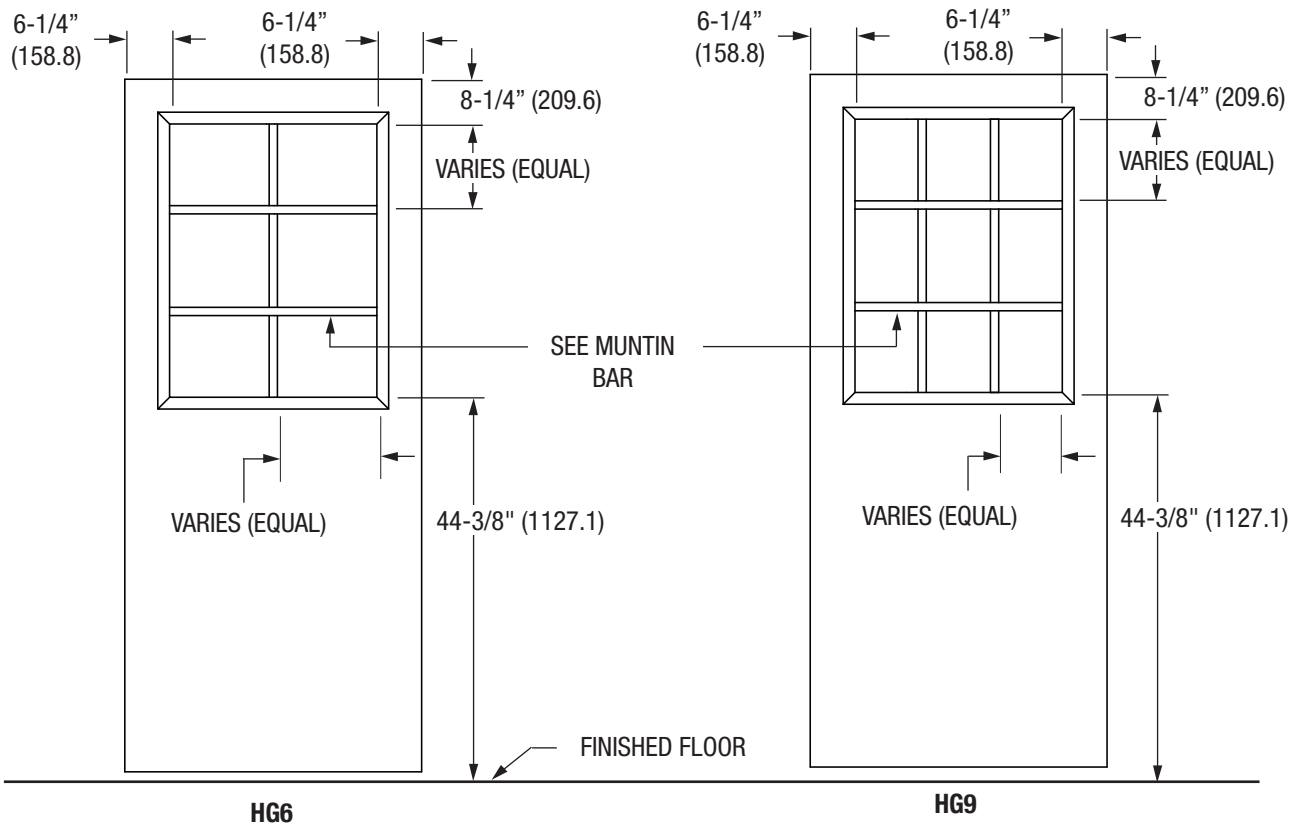


DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	8-1/2" (215.9)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	9-53/64" (249.6)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	10-1/2" (266.7)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-7/32" (132.6)		
2'4" (711.2)	7-7/32" (183.4)		
2'6" (762)	8-7/32" (208.8)	6'8" (2032)	13-3/16" (335)
2'8" (812.8)	9-7/32" (234.2)		
2'10" (863.6)	10-7/32" (259.6)		
3'0" (914.4)	11-7/32" (285)	7'0" (2133.6)	15-3/16" (385.8)
3'4" (1016)	13-7/32" (335.8)		
3'6" (1066.8)	14-7/32" (361.2)		
3'8" (1117.6)	15-7/32" (386.6)	7'2" (2184.4)	16-3/16" (411.16)
3'10" (1168.4)	16-7/32" (412)		
4'0" (1219.2)	17-7/32" (437.4)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

Type 9 & 10 Window Moulding



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-7/32" (132.6)		
2'4" (711.2)	7-7/32" (183.4)		
2'6" (762)	8-7/32" (208.8)	6'8" (2032)	8-1/2" (215.9)
2'8" (812.8)	9-7/32" (234.2)		
2'10" (863.6)	10-7/32" (259.6)		
3'0" (914.4)	11-7/32" (285)	7'0" (2133.6)	9-53/64" (250)
3'4" (1016)	13-7/32" (335.8)		
3'6" (1066.8)	14-7/32" (361.2)		
3'8" (1117.6)	15-7/32" (386.6)	7'2" (2184.4)	10-1/2" (266.7)
3'10" (1168.4)	16-7/32" (412)		
4'0" (1219.2)	17-7/32" (437.4)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	3-9/64" (79.8)		
2'4" (711.2)	4-29/64" (113.1)		
2'6" (762)	5-9/64" (130.6)	6'8" (2032)	8-1/2" (215.9)
2'8" (812.8)	5-53/64" (148)		
2'10" (863.6)	6-29/64" (164)		
3'0" (914.4)	7-9/64" (181.4)	7'0" (2133.6)	9-53/64" (249.6)
3'4" (1016)	8-29/64" (214.7)		
3'6" (1066.8)	9-9/64" (232.2)		
3'8" (1117.6)	5-53/64" (148)	7'2" (2184.4)	10-1/2" (266.7)
3'10" (1168.4)	10-29/64" (265.5)		
4'0" (1219.2)	11-9/64" (283)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

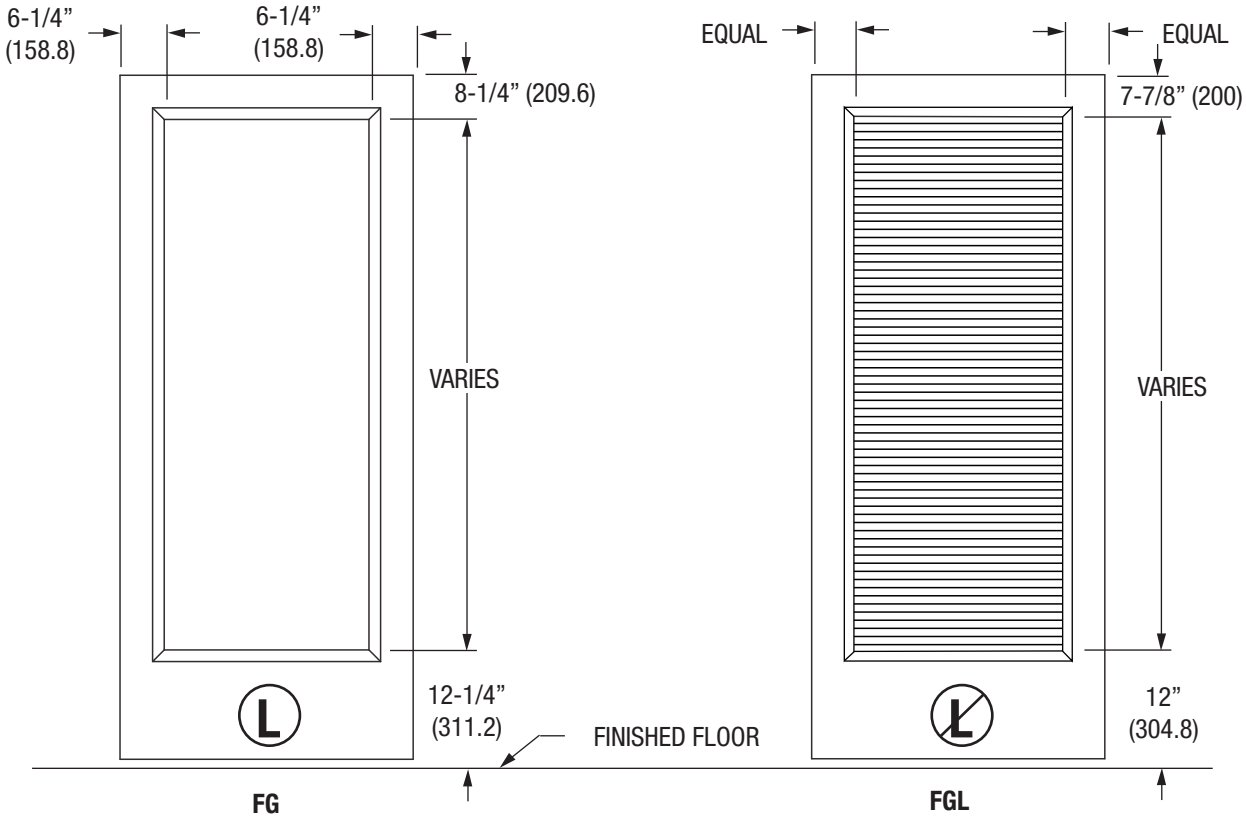
Glass Sizes (Visible) and Lite Locations FG, FGL

Door Technical Data

CURRIES
ASSA ABLOY

February, 2009

Type 9 & 10 Window Moulding

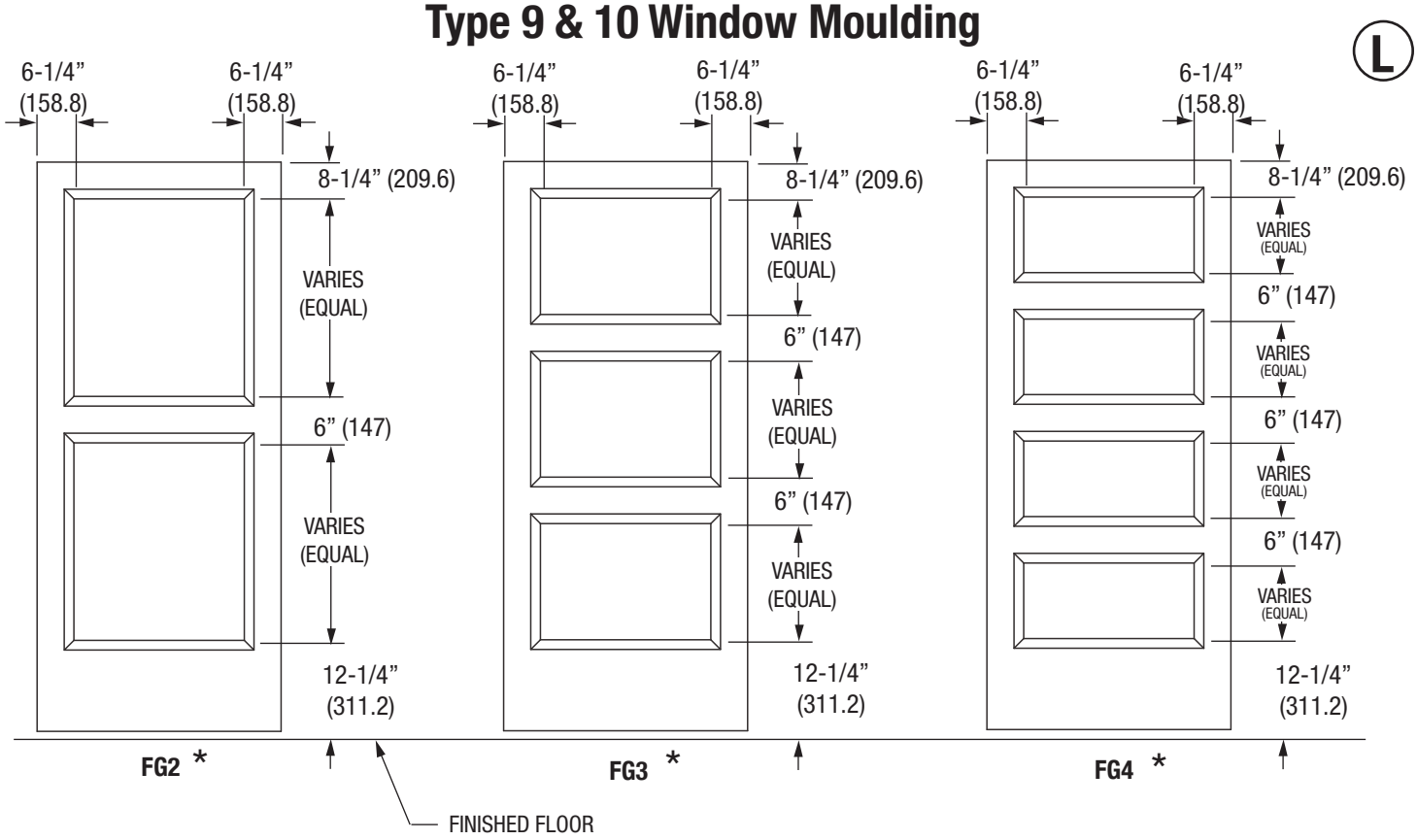


DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	59-3/8" (1508.1)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	63-3/8" (1609.7)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	65-3/8" (1660.5)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	12" (304.8)		
2'4" (711.2)	16" (406.4)		
2'6" (762)	18" (457.2)	6'8" (2032)	60" (1524)
2'8" (812.8)	20" (508)		
2'10" (863.6)	22" (558.8)		
3'0" (914.4)	24" (609.6)	7'0" (2133.6)	64" (1625.6)
3'4" (1016)	28" (711.6)		
3'6" (1066.8)	30" (762)		
3'8" (1117.6)	32" (812.8)	7'2" (2184.4)	66" (1676.4)
3'10" (1168.4)	34" (863.6)		
4'0" (1219.2)	36" (914.4)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

Type 9 & 10 Window Moulding



* **NOTE:** A MINIMUM 6" STILE AND 6" RAIL IS REQUIRED FOR FIRE LABEL LISTED DOOR)

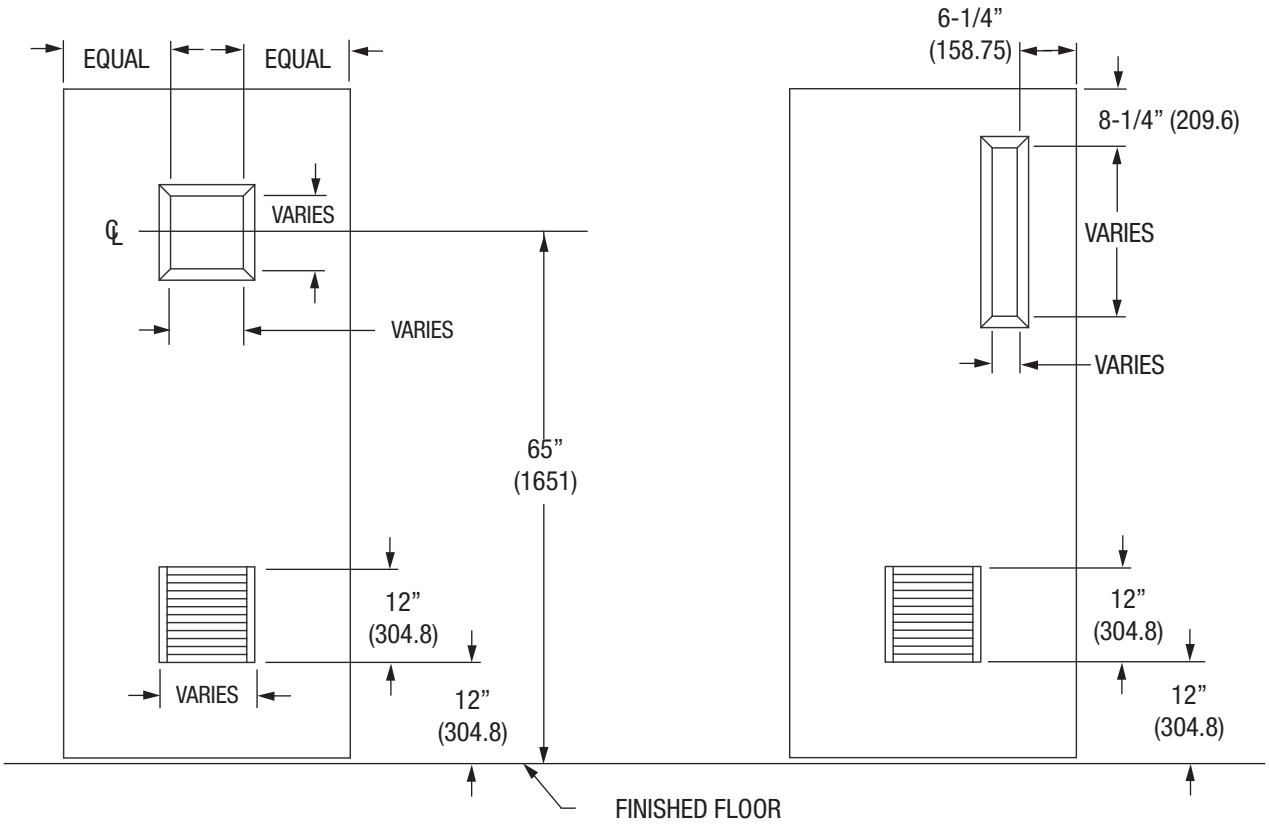
		FG2		FG3		FG4	
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)						
2'4" (711.2)	15-5/16" (388.9)						
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	26-11/16" (653.8)	6'8" (2032)	15-13/16" (401.6)	6'8" (2032)	10-3/8" (263.5)
2'8" (812.8)	19-5/16" (490.5)						
2'10" (863.6)	21-5/16" (541.3)						
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	28-11/16" (702.8)	7'0" (2133.6)	17-1/8" (435)	7'0" (2133.6)	11-3/8" (288.9)
3'4" (1016)	27-5/16" (693.7)						
3'6" (1066.8)	29-5/16" (744.5)						
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	29-11/16" (727.3)	7'2" (2184.4)	15-13/16" (401.6)	7'2" (2184.4)	11-7/8" (301.6)
3'10" (1168.4)	33-5/16" (846.1)						
4'0" (1219.2)	35-5/16" (896.9)						

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

May, 2012

L

Type 9 & 10 Window Moulding



FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

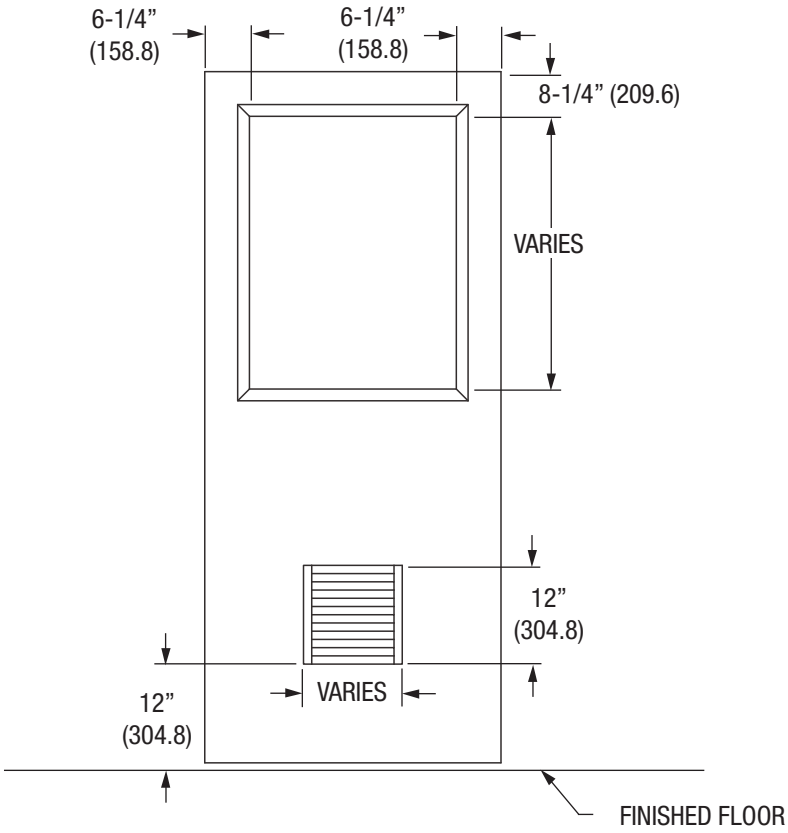
EXAMPLE: FV1L2
12” X 12” (305 X 305) FULL VISION LITE
18” X 12” (457 X 305) LOUVER

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FNV1L2
6” X 36” (152 X 914) NARROW VISION LITE
18” X 12” (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

Type 9 & 10 Window Moulding



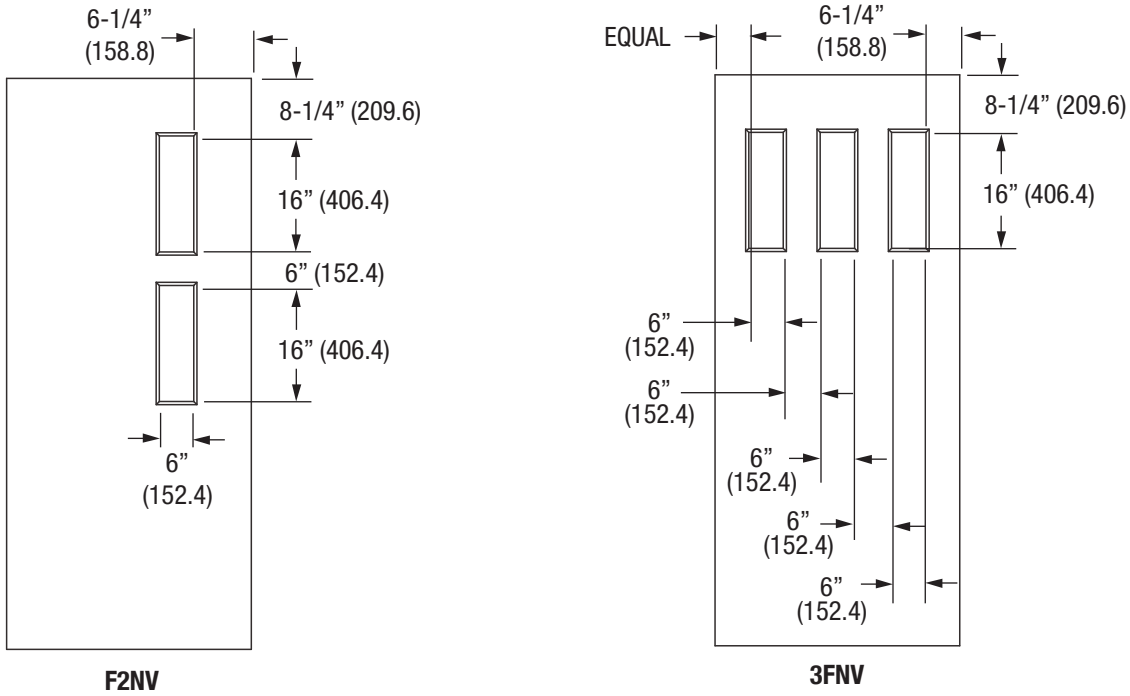
HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE: HG L 2
WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

February, 2010

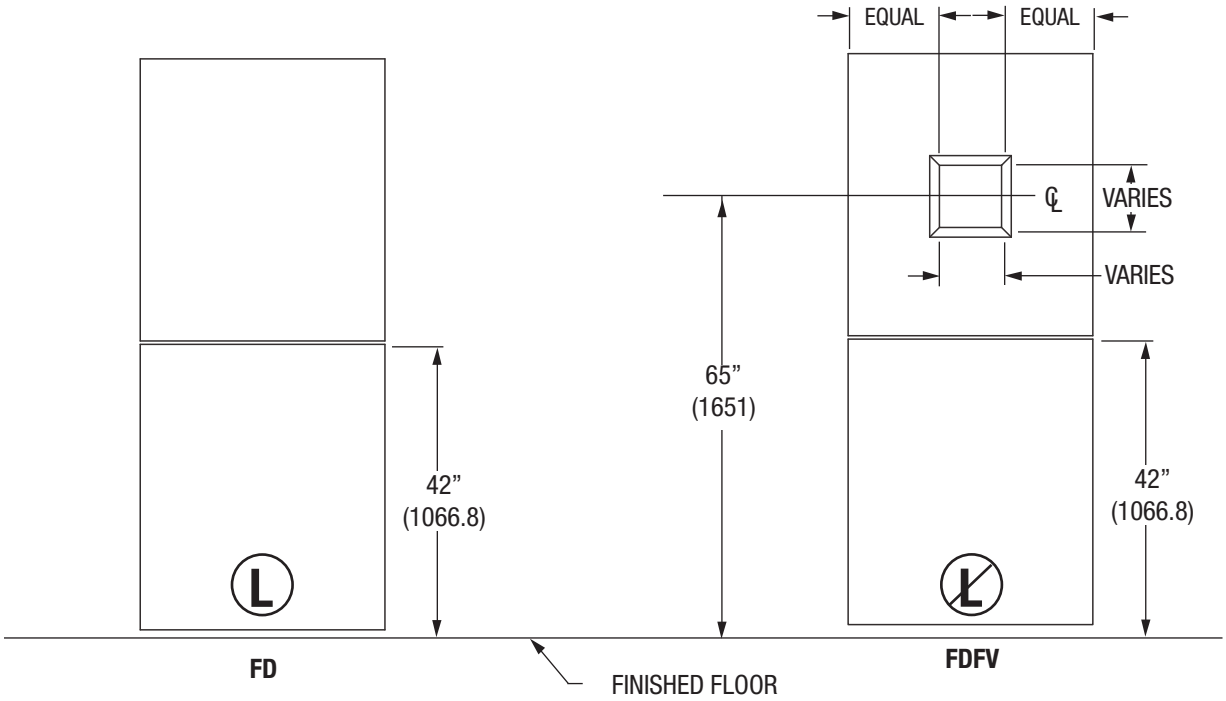
Type 9 & 10 Window Moulding



DOOR WIDTH FOR 3FNV MUST BE AT LEAST 3'7" (1092.2) WIDE!

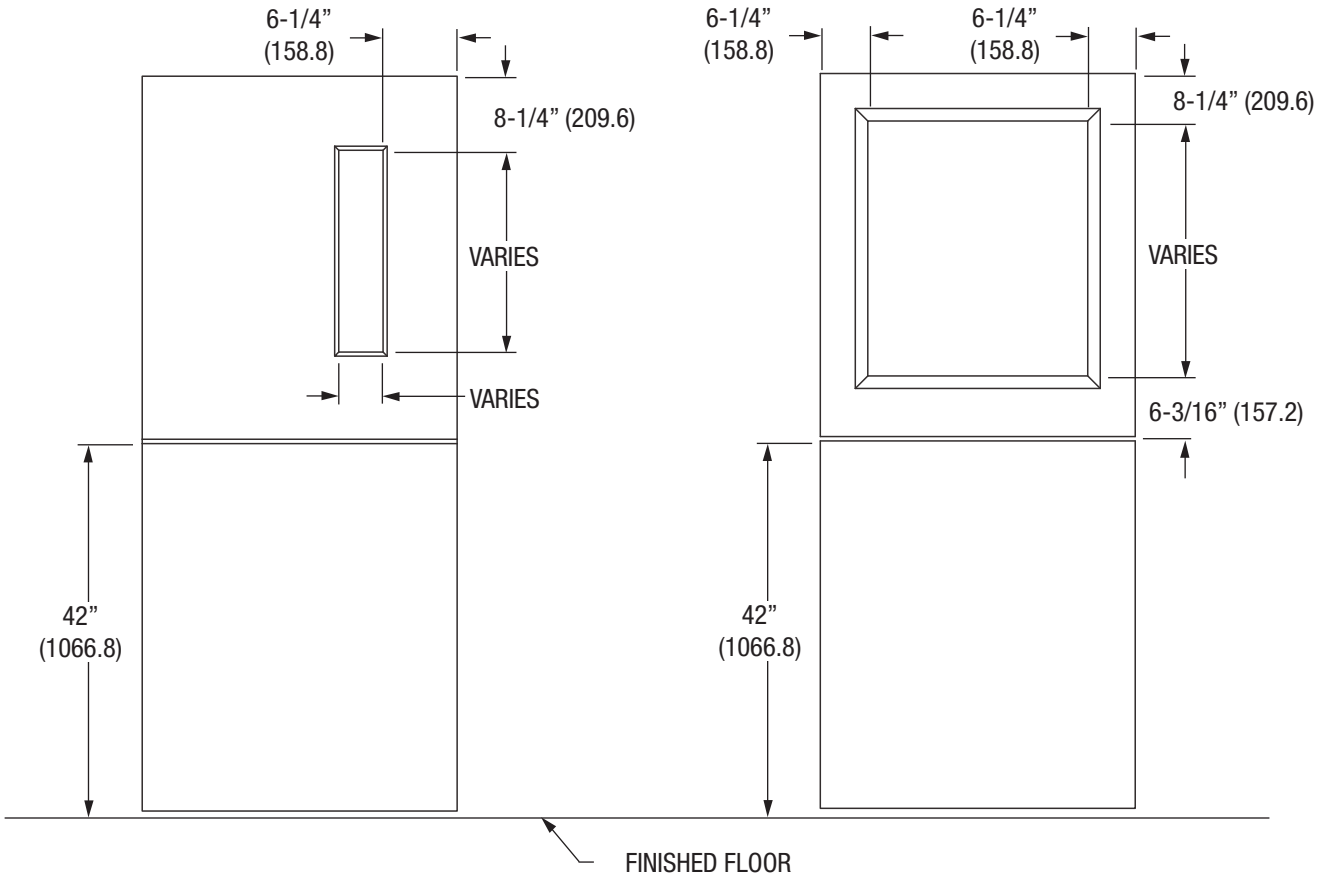
* **NOTE:** MINIMUM 6" STILES TO BE FIRE LABEL LISTED.

Face Type Locations FD, FDV



FDFV	10" (254) X 10" (254)
FDFV1	12" (304.8) X 12" (304.8)

Type 9 & 10 Window Moulding



FDFNV
FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS

FDHG
FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS

EXAMPLE: FDFNV1
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE

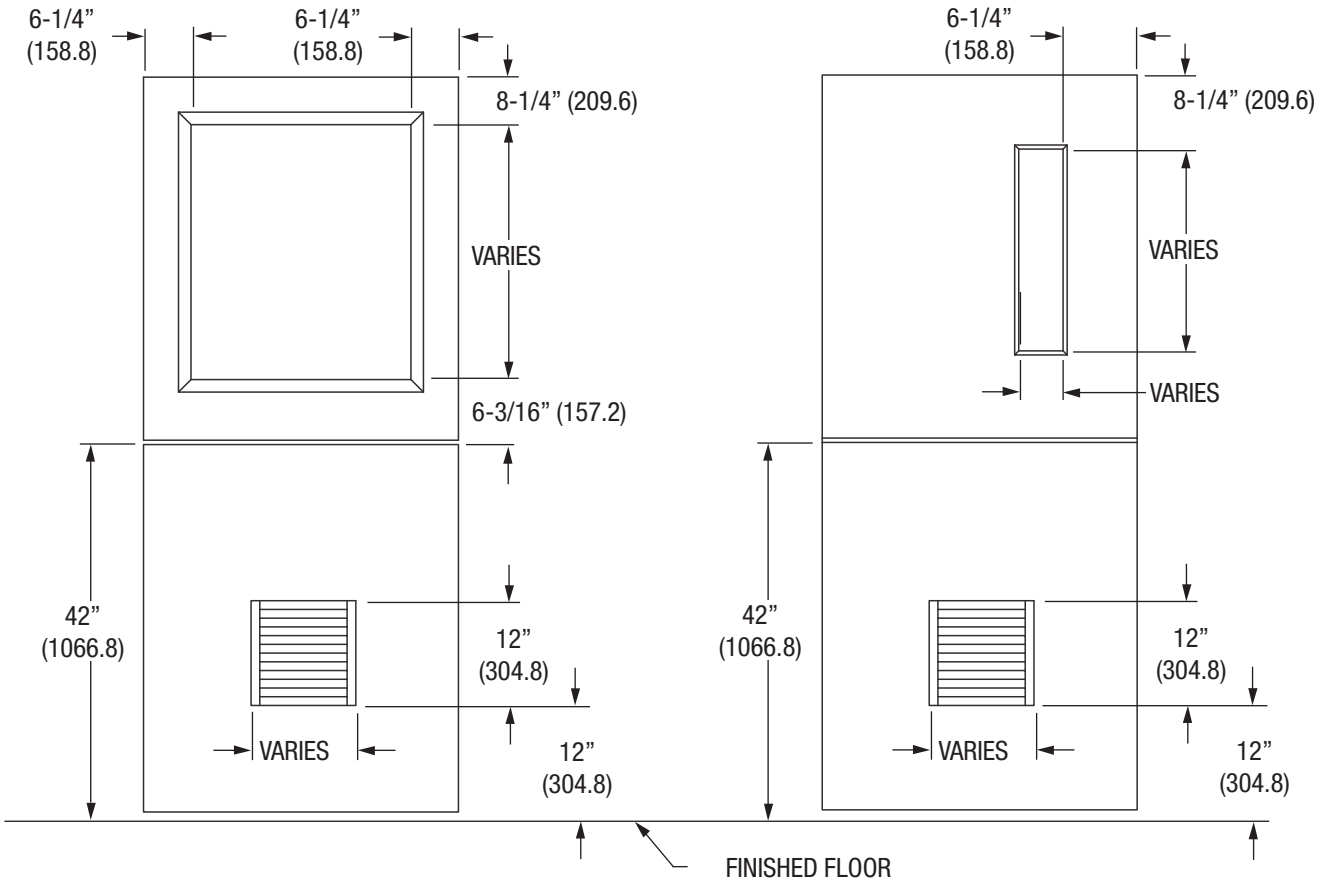
EXAMPLE: FDHG
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS

Face Type Locations FDHGL, FDFNVL

Door Technical Data

February, 2009

Type 9 & 10 Window Moulding



FDHGL

FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

FDFNVL

FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FDHG3L2
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

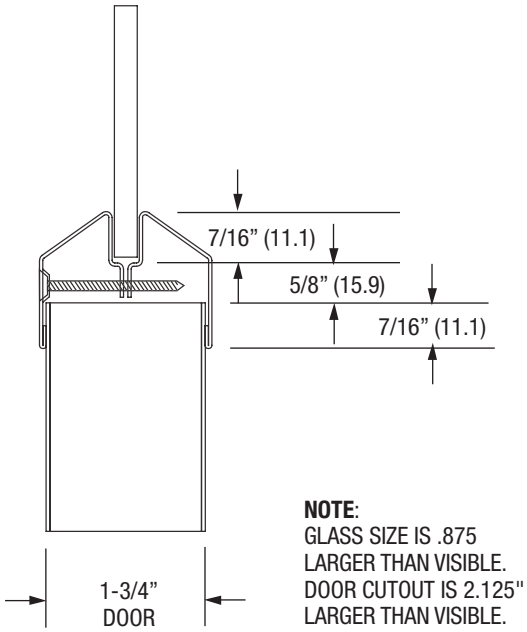
EXAMPLE: FDFNV1L2
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

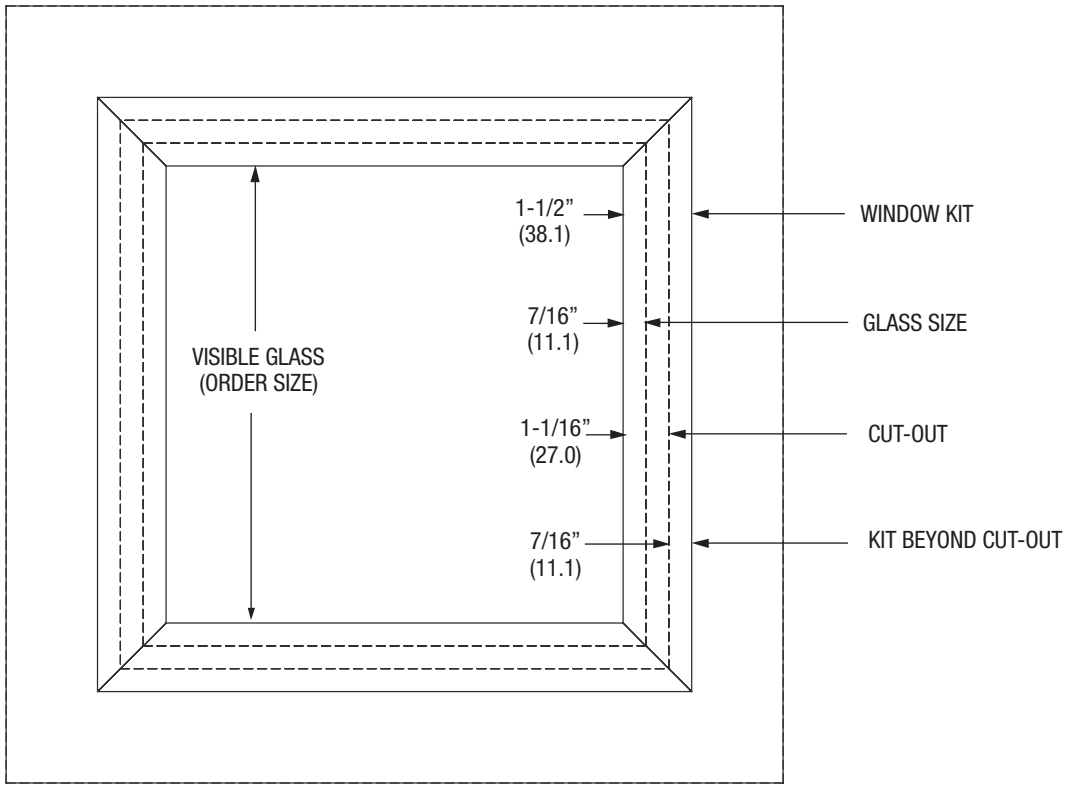
PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

May, 2013

Type 9 & 10 Window Moulding

Type 9 & 10 Kits

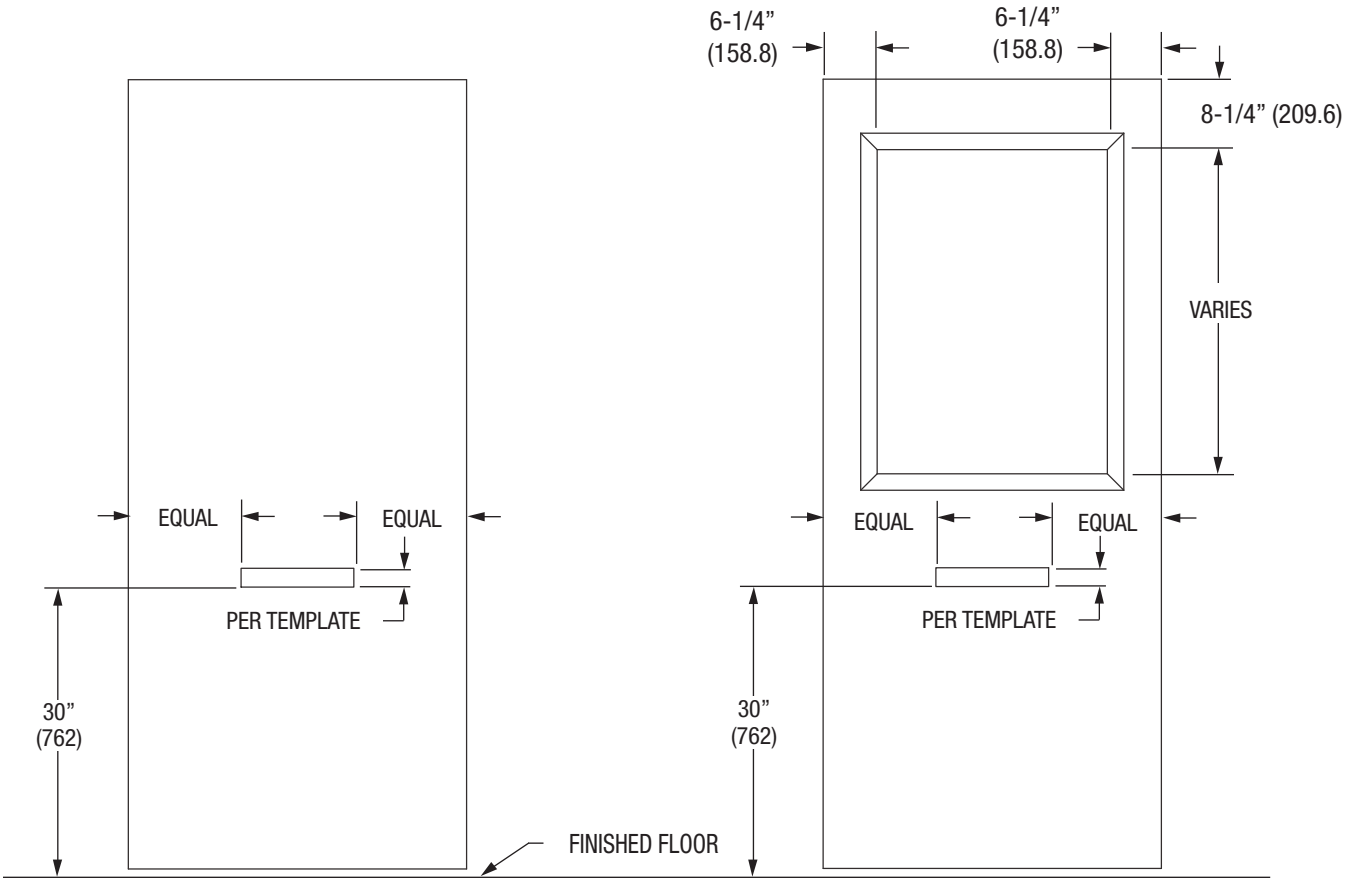




February, 2009

L

Type 9 & 10 Window Moulding

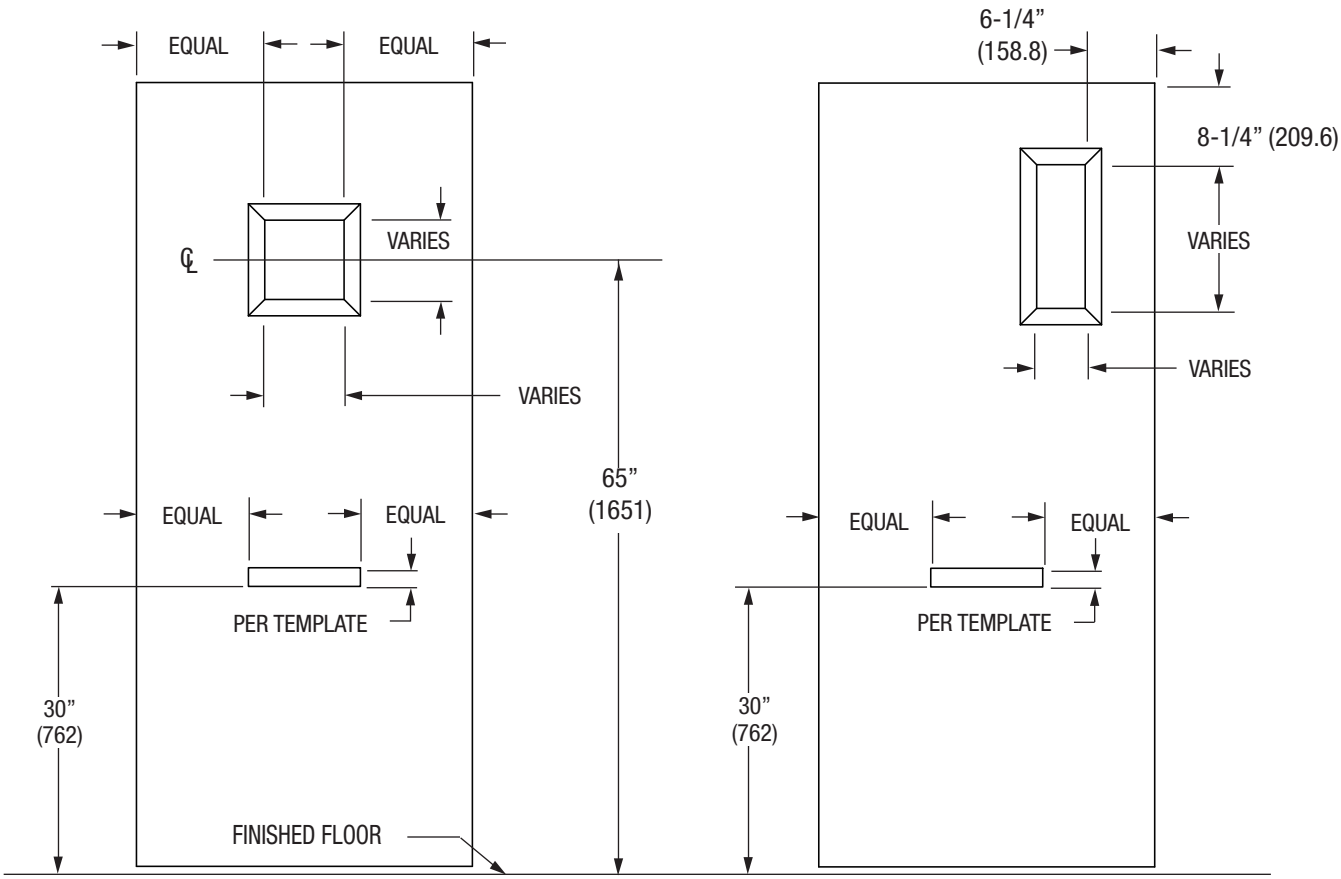


FMS
FMS = FLUSH MAIL SLOT

HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE: HG3MS
(3) WINDOW PANE-HALF GLASS
MAIL SLOT

Type 9 & 10 Window Moulding



FVMS
FV = FULL VISION STANDARDS
MS = MAIL SLOT

FNVMS
FNV = FULL NARROW VISION STANDARDS
MS = MAIL SLOT

FVMS	10" (254) X 10" (254)
FV1MS	12" (304.8) X 12" (304.8)

EXAMPLE: FNV1MS
6" X 36" (152 X 914) NARROW VISION LITE
MAIL SLOT

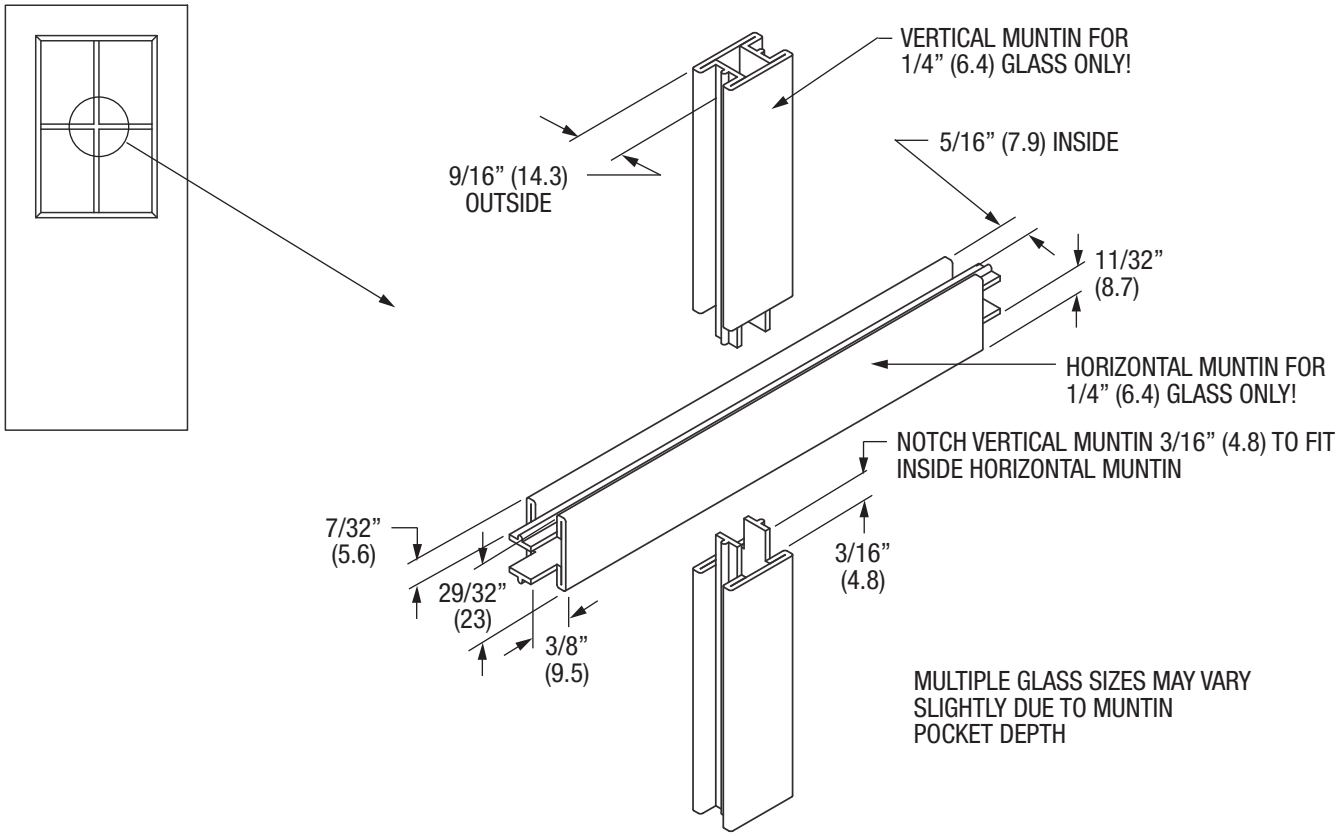
Muntin Bar - Muntin Bar Joints

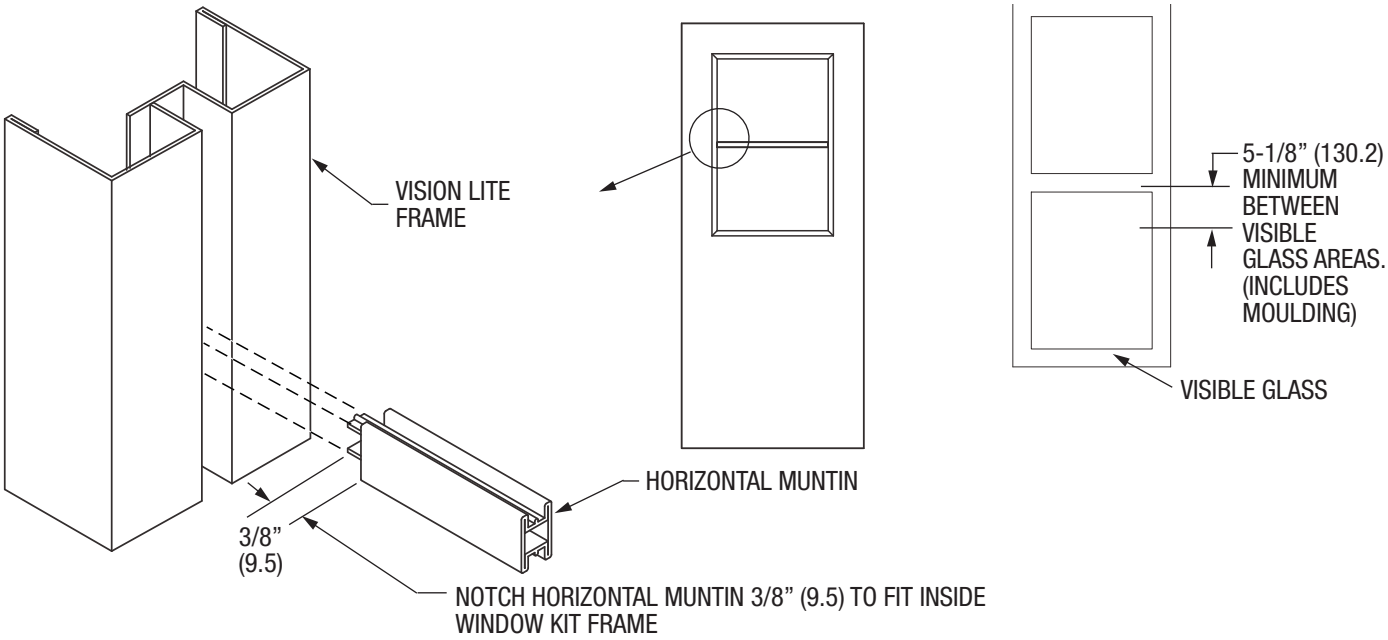
Door Technical Data

February, 2009

AVAILABLE WITH TYPE 1, 3, AND 9 WITH 3/8" POCKET ONLY

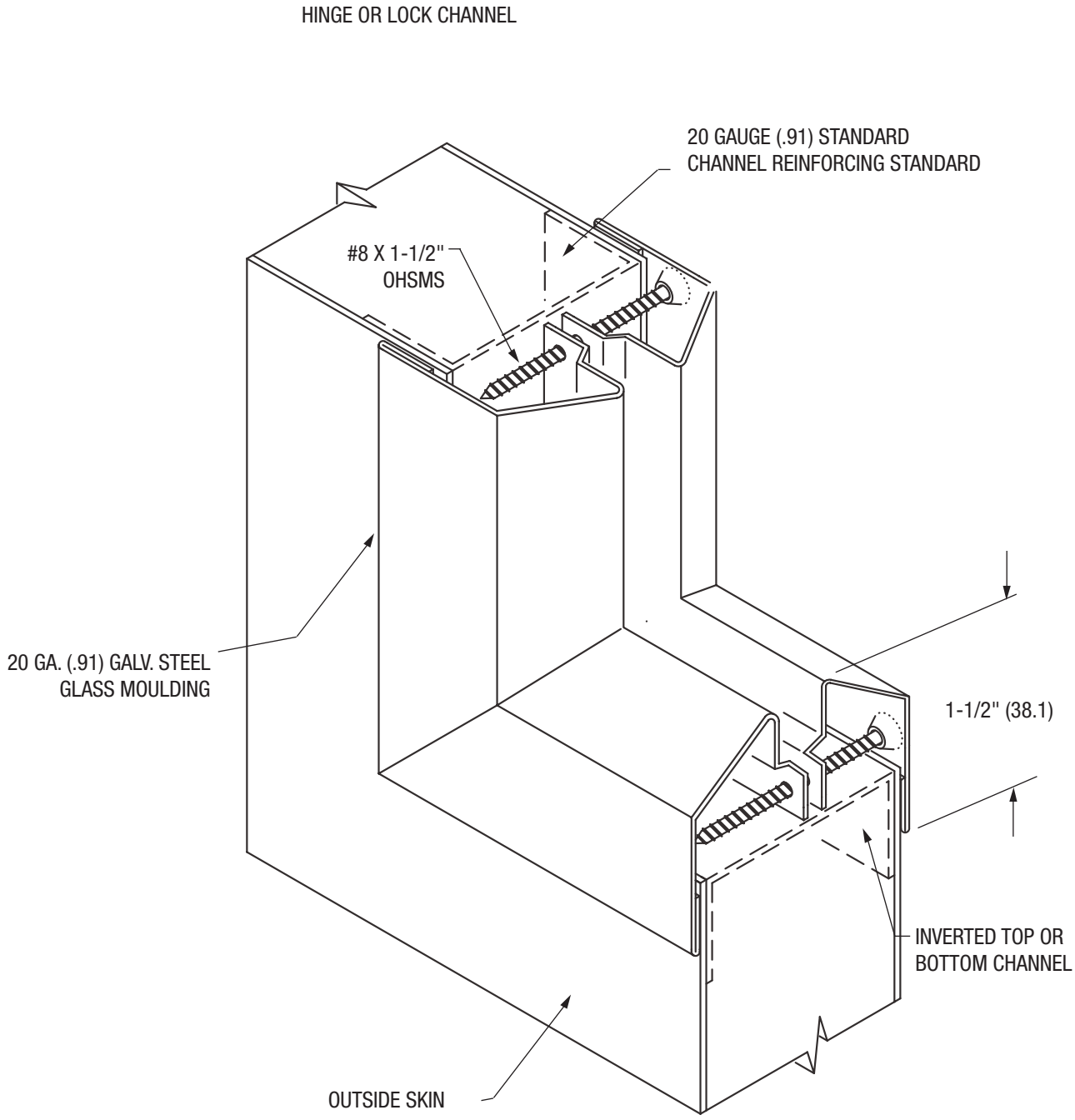
MUNTIN BAR PART NUMBER: CD002402





June, 2009

Type 9 & 10 Window Moulding

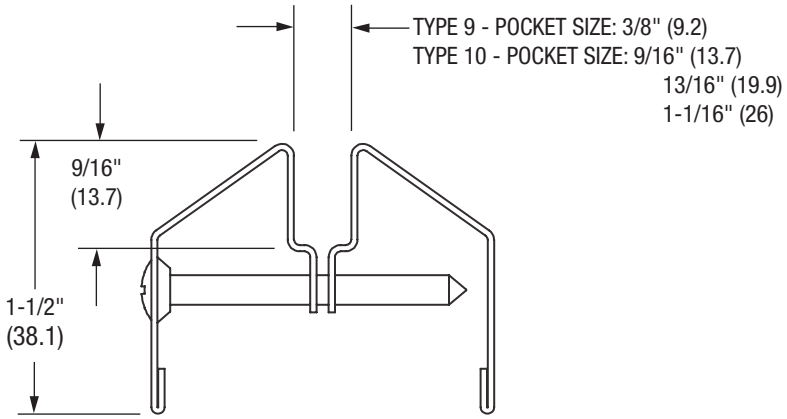


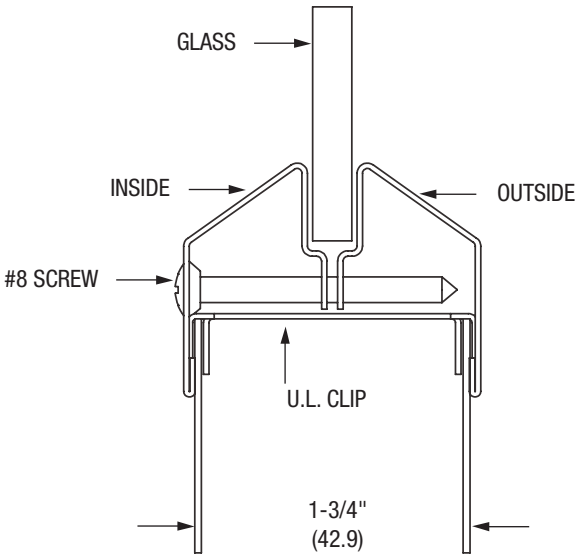
CURRIES
ASSA ABLOY

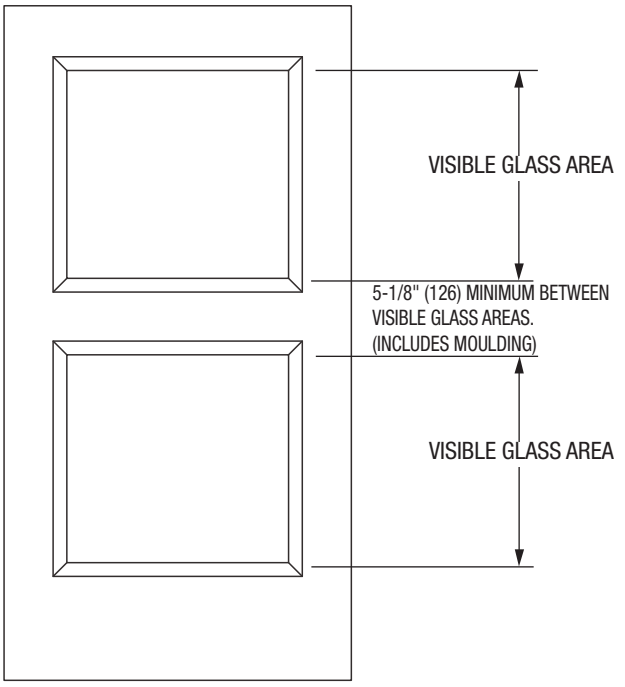
February, 2009

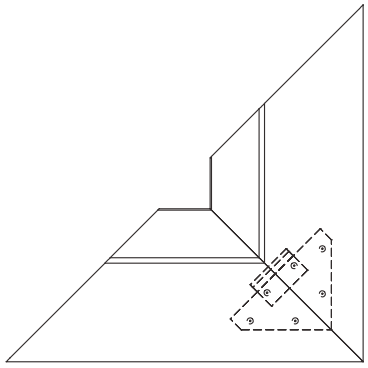
(L)

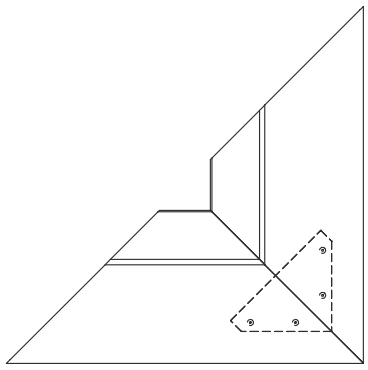
Type 9 & 10 Window Moulding











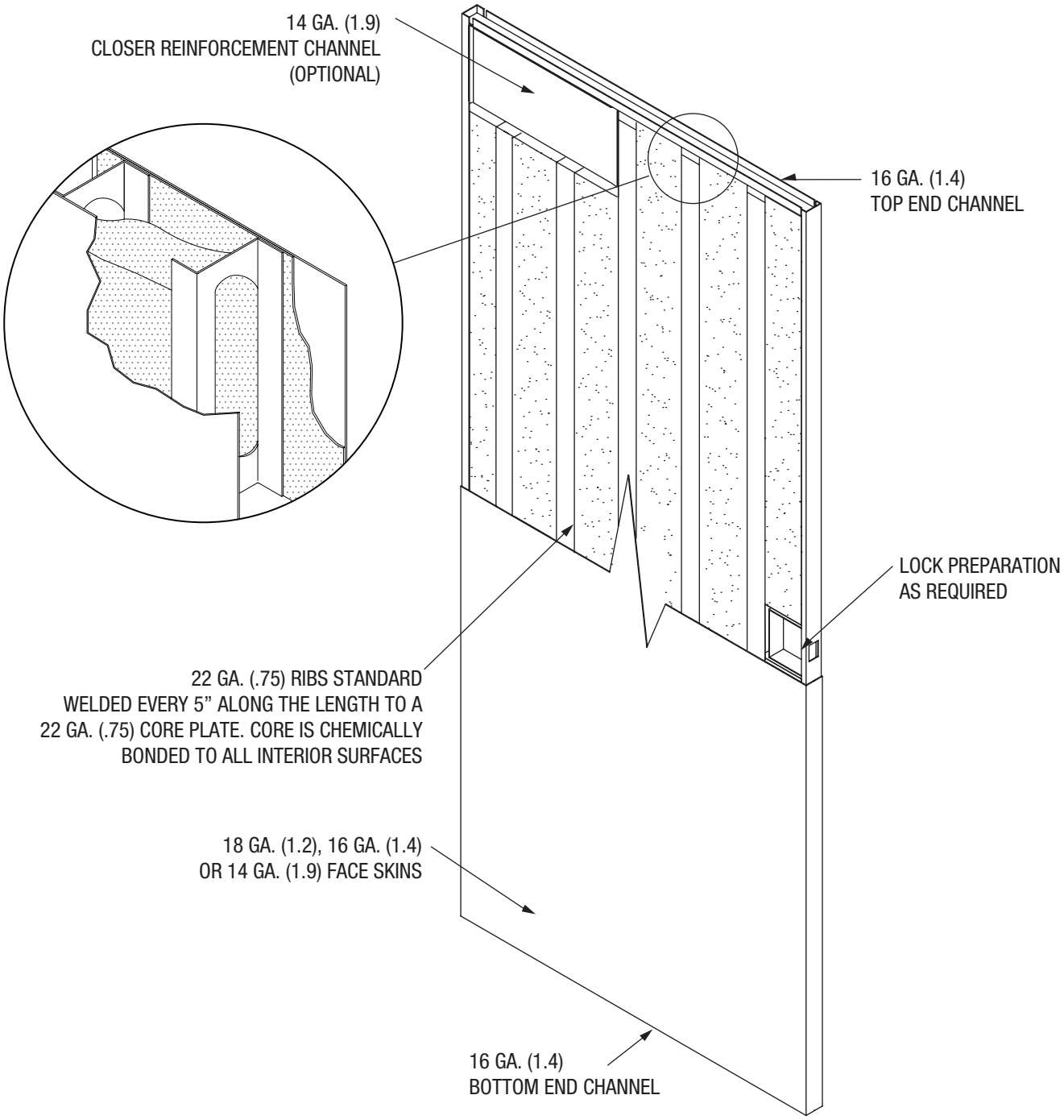
NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.

November, 2014

1-3/4" VERTICALLY STEEL STIFFENED
FIBERGLASS CORE DOOR
BEVELED LOCK EDGE, HANDED

MAXIMUM FIRE LABEL - 180 MINUTE
MAXIMUM SIZE 4'0" X 8'0" SINGLE
MAXIMUM SIZE 8'0" X 8'0" PAIRED*

*NO ASTRAGAL REQUIRED



707 Door Honeycomb Core Construction

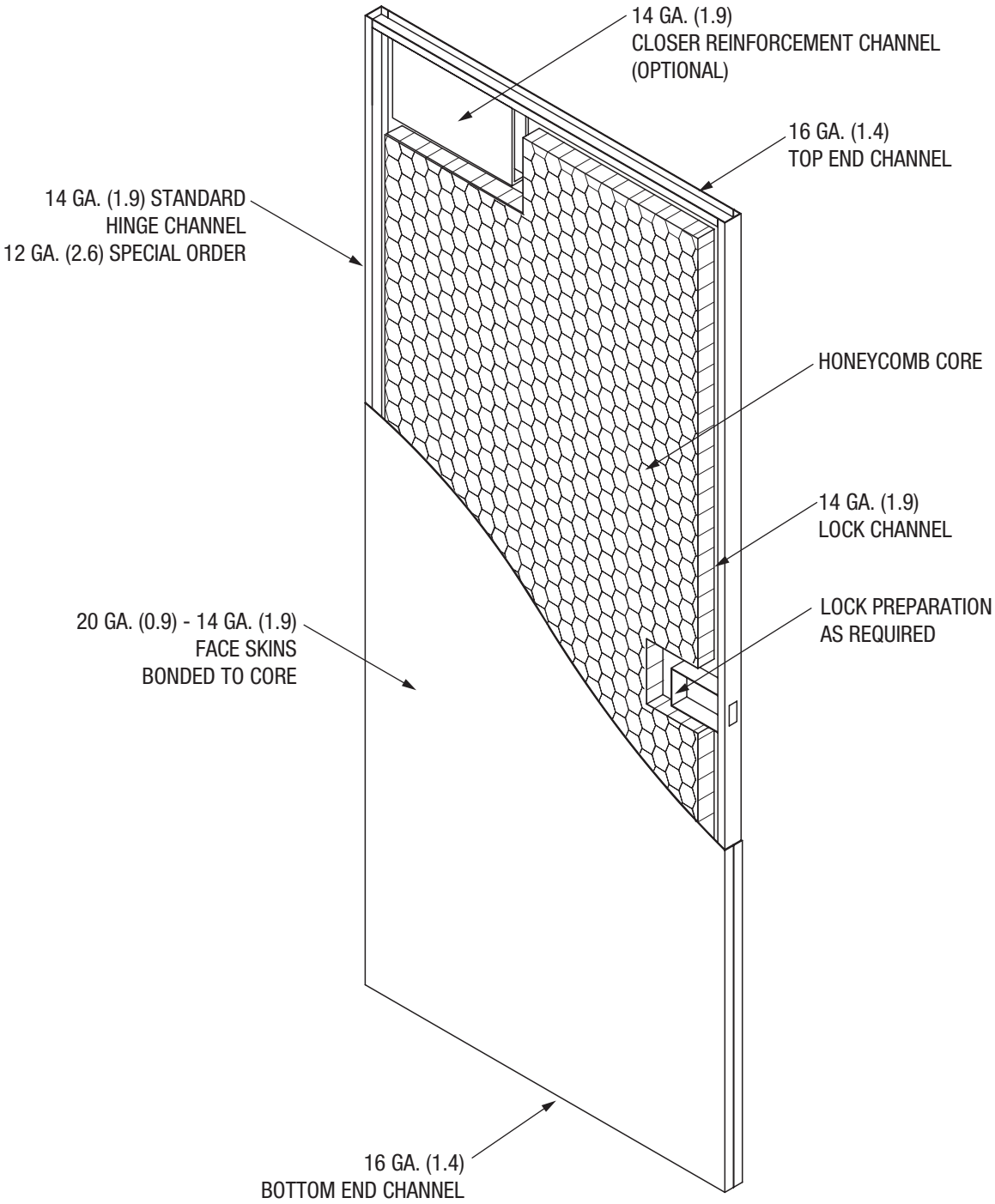
Door Technical Data

CURRIES
ASSA ABLOY

September, 2014

L

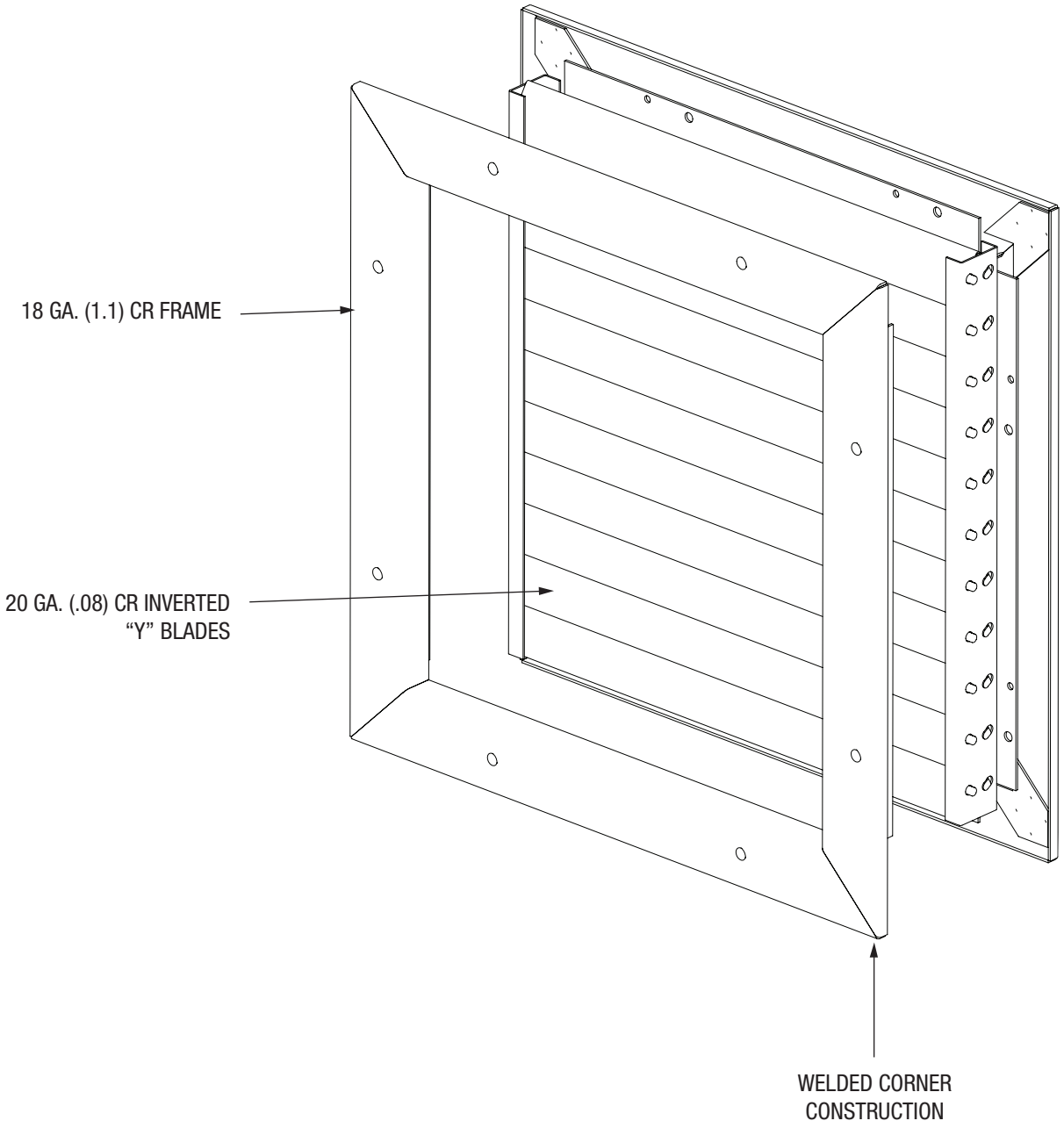
AVAILABLE IN 1-3/4" THICKNESS ONLY



Non-Rated Door Louver

Door Technical Data

May, 2010



THE CURRIES NON-RATED LOUVER FOR 1-3/4" DOORS PROVIDES
50% FREE AIR FLOW WHILE FASTENING TO ONE SIDE TO ENSURE SECURITY.

777 Trio-E Door Construction

Door Technical Data

CURRIES
ASSA ABLOY

September, 2012

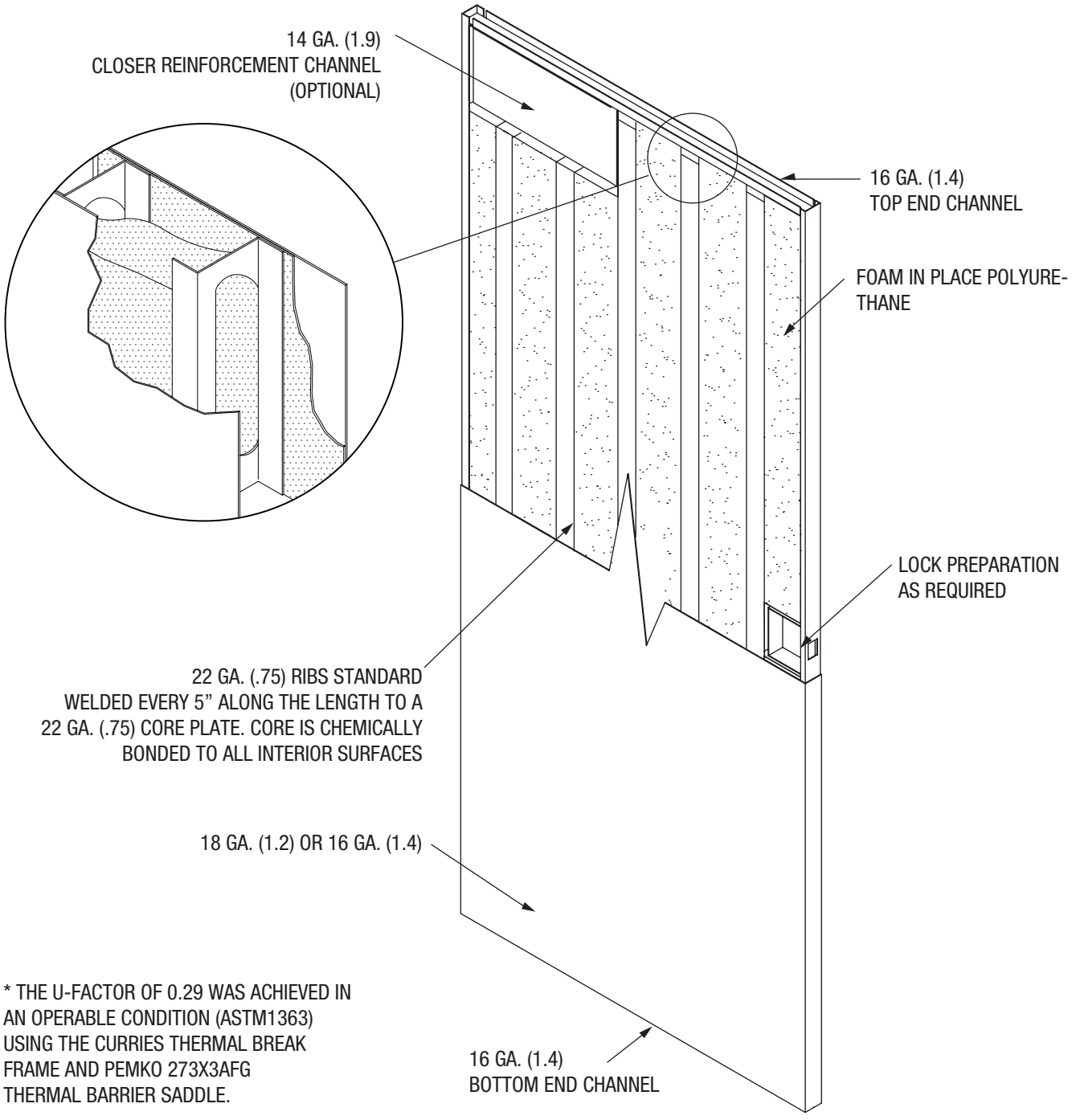
1-3/4" VERTICALLY STEEL STIFFENED
POLYURETHANE CORE DOOR
BEVELED LOCK EDGE, HANDED

Ⓛ

MAXIMUM FIRE LABEL - 3 HOURS FOR UL
MAXIMUM SIZE SINGLES - 4'0" X 8'0"
MAXIMUM SIZE PAIRS - 8'0" X 8'0"

MAXIMUM FIRE LABEL - 90 MIN. WH
MAXIMUM SIZE SINGLES - 4'0" X 8'0"
PAIRS NOT AVAILABLE IN WH

POLYURETHANE DOOR ASSEMBLY THERMAL CHARACTERISTIC:
U FACTOR - 0.29 (ASTM 1363)*
R FACTOR - 3.4 (ASTM 1363)*



* THE U-FACTOR OF 0.29 WAS ACHIEVED IN AN OPERABLE CONDITION (ASTM1363) USING THE CURRIES THERMAL BREAK FRAME AND PEMKO 273X3AFG THERMAL BARRIER SADDLE.

PYRAN® PLATINUM F GLASS (FIG03) and (FIG03E)

GLASS DESCRIPTION

CERAMIC, FILMED FIRE AND SAFETY RATED GLASS

BRAND NAME: PYRAN PLATINUM F
GRADE: PREMIUM
THICKNESS: 3/16" NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS

UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, 60, AND 90	2736 SQ IN	36"	76"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

*TEMPERATURE RISE

PYRAN® PLATINUM L GLASS (FIG04) and (FIG04E)

GLASS DESCRIPTION

CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS

BRAND NAME: PYRAN PLATINUM L
GRADE: PREMIUM
THICKNESS: 3/8" NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS

UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, 60, AND 90	2736 SQ IN	36"	75"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

*TEMPERATURE RISE

CURRIES
ASSA ABLOY

September, 2013

L

FIRELITE® NT GLASS (FIG05) and (FIG05E)

GLASS DESCRIPTION

CERAMIC, FILMED FIRE AND SAFETY RATED GLASS
BRAND NAME: FIRELITE NT
GRADE: PREMIUM
THICKNESS: 3/16" NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS

UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, AND 60	3204 SQ IN	36"	89"	707, 747, 777 847, 857
90	2034 SQ IN	36"	56.5"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

*TEMPERATURE RISE

FIRELITE® PLUS GLASS (FIG06) and (FIG06E)

GLASS DESCRIPTION

CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS
BRAND NAME: FIRELITE PLUS
GRADE: PREMIUM
THICKNESS: 5/16" NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS

UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20 AND 45	3204 SQ IN	36"	89"	707, 747, 847, 857
90	2034 SQ IN	36"	56.5"	707, 747, 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

*TEMPERATURE RISE

1/4" TEMPERED GLASS (FIG01) and (FIG01E)

GLASS DESCRIPTION

1/4" CLEAR TEMPERED GLASS
QUALITY RATING: Q3, ASTM C1036-06
THICKNESS: 1/4" NOMINAL
WARRANTY: 1 YEAR LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE
EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 2406
CANNOT BE USED ON FIRE RATED DOORS

1/4" FILMED WIRE GLASS (FIG02) and (FIG02E)

GLASS DESCRIPTION

1/4" FILM WIRE, FIRE AND IMPACT SAFETY RATED GLASS
QUALITY RATING: Q6, ASTM C1036-06
THICKNESS: 1/4" NOMINAL
WIRE PATTERN: MISCO (DIAMOND PATTERN), BAROQUE (SQUARE PATTERN)
WARRANTY: 1 YEAR LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE OR PEMKO FG 300090 OR 300045 AS REQUIRED,
EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS

UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
PVC CLOSED CELL FOAM TAPE				
20, AND 45	1296 SQ IN	36"	54"	707, 747, 777 847, 857
45 TR*	100 SQ IN	12"	33"	727, 747-TR*
60	100 SQ IN	12"	33"	707, 727, 747 747-TR*, 777, 847, 857
90	100 SQ IN	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857
PEMKO FG 300045				
20, AND 45	1296 SQ IN	34"	84"	707, 747, 777 847, 857
PEMKO FG 300090				
60	552 SQ IN	12"	46"	707, 747, 777 847, 857
90	552 SQ IN	12"	46"	707, 747, 777 847, 857

*TEMPERATURE RISE

September, 2013

INSULATED GLASS

5/8" INSULATED GLASS (FIG07E)

GLASS DESCRIPTION

5/8" OVERALL INSULATING. LoE2 TEMPERED, ARGON FILLED

THICKNESS:	5/8" NOMINAL
WARRANTY:	10 YEARS LIMITED
INCLUDES:	PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING:	CAT II, CPSC 16CFR1201
GLASS IS MARKED IN:	CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE

CENTER OF GLASS U FACTOR:	.25 BTU/hr•FT^2°F
SHADING COEFFICIENT (SC):	.42
SOLAR HEAT GAIN (SHGC):	.37
UV TRANSMITTANCE:	14%

1" INSULATED GLASS (FIG08E)

GLASS DESCRIPTION

1" OVERALL INSULATING. LoE2 TEMPERED, ARGON FILLED

THICKNESS:	1" NOMINAL
WARRANTY:	10 YEARS LIMITED
INCLUDES:	PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING:	CAT II, CPSC 16CFR1201
GLASS IS MARKED IN:	CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

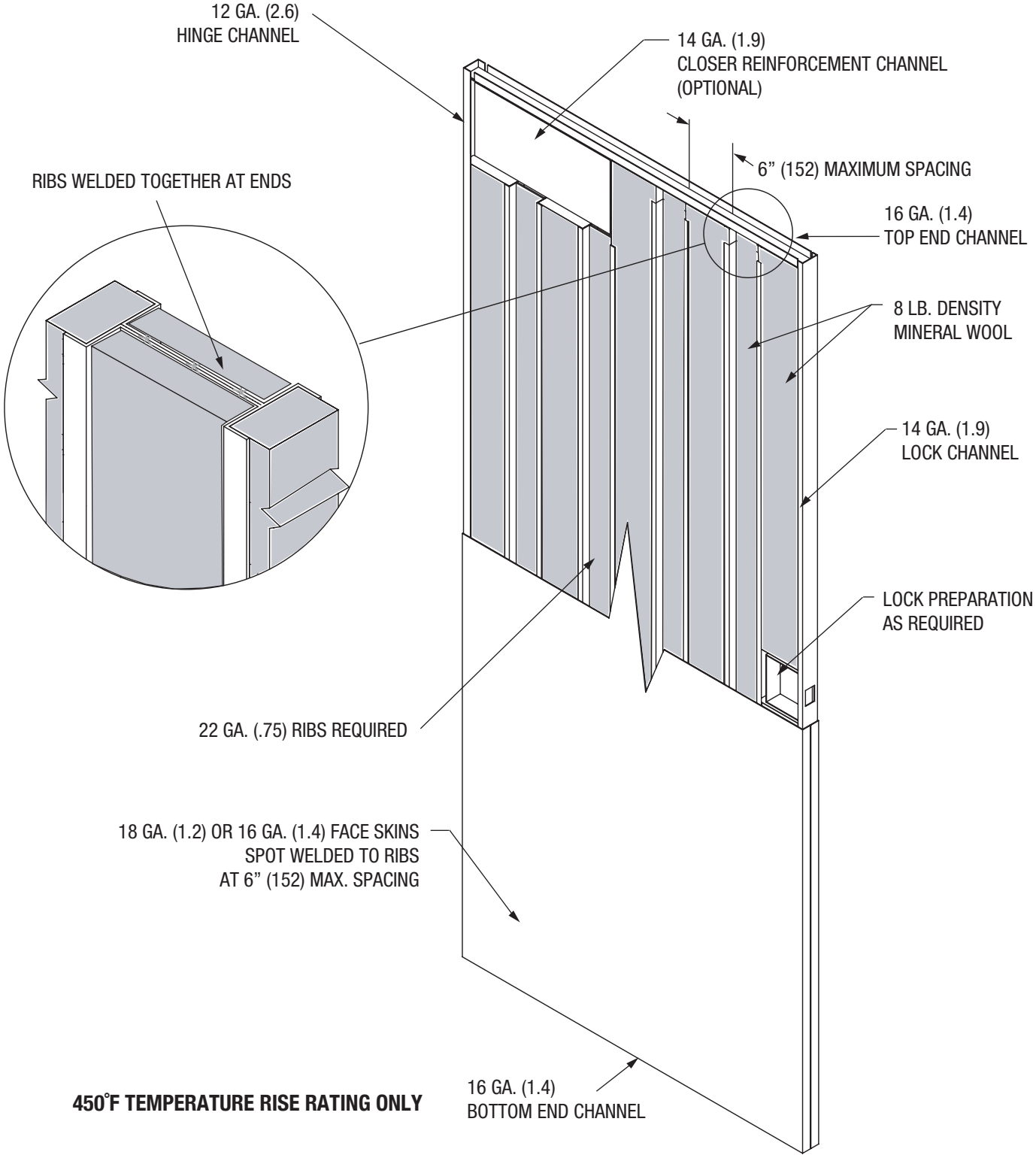
INSULATING PERFORMANCE

CENTER OF GLASS U FACTOR:	.25 BTU/hr•FT^2°F
SHADING COEFFICIENT (SC):	.41
SOLAR HEAT GAIN (SHGC):	.36
UV TRANSMITTANCE:	13%

747 Door Construction - Temperature Rise 450˚F

Door Technical Data

March, 2014



450˚F TEMPERATURE RISE RATING ONLY

Behavioral Healthcare Patient Room Access Opening

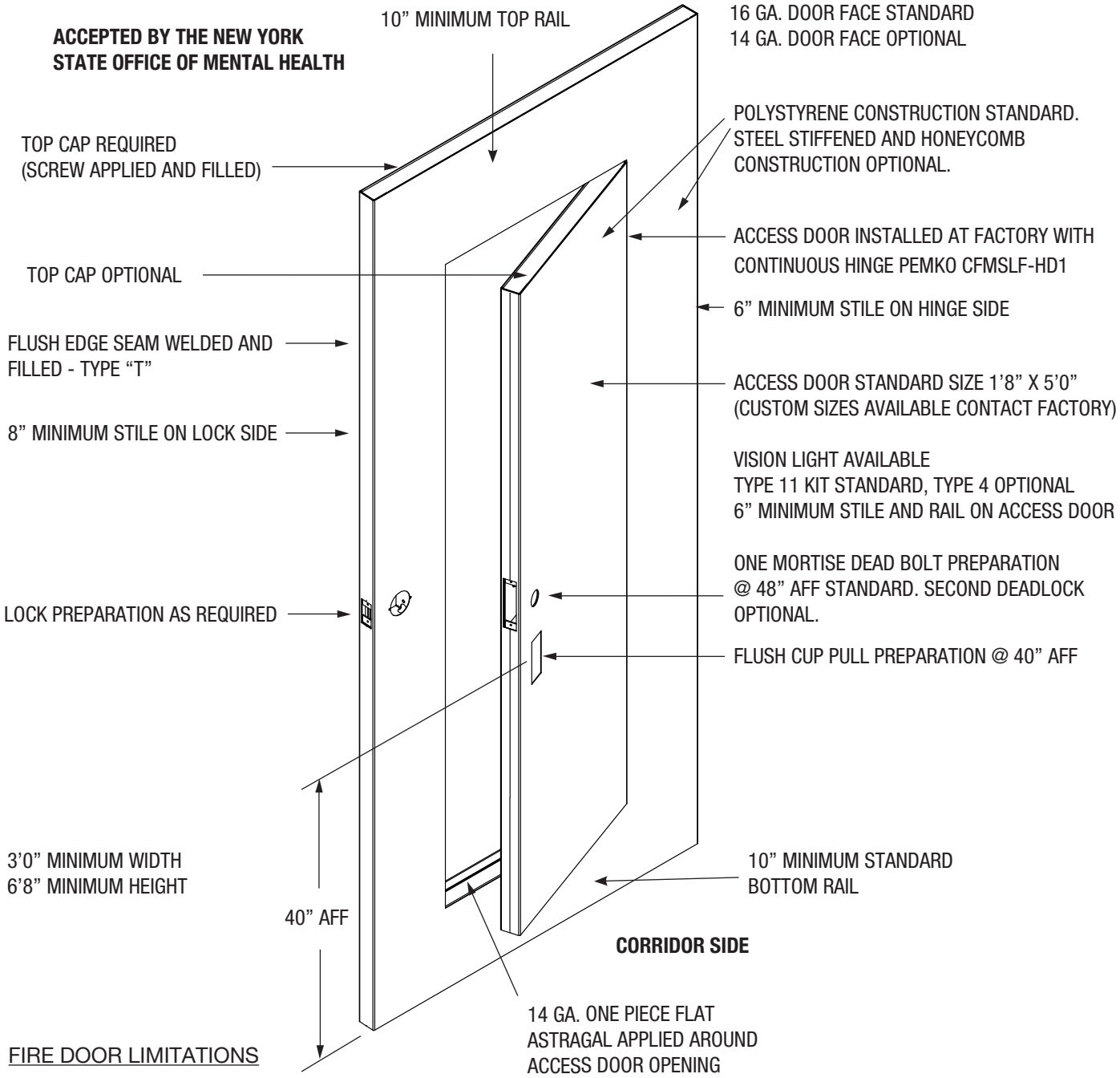
Door Technical Data

CURRIES
ASSA ABLOY

October, 2015

Ⓛ

STEP THROUGH DOOR



FIRE DOOR LIMITATIONS

MAXIMUM RATING: 45 MINUTES (WARNOCK HERSEY)
MAXIMUM SIZE: 4'0" X 7'2" (ENTRANCE DOOR)
CORE TYPE: STEEL STIFFENED ONLY
DOOR FACE GAUGE: 16 OR 14
VISION LITE: MAXIMUM 216 SQ IN. TYPE 11 KIT
FRAME REQUIREMENTS: MINIMUM 16 GAUGE, KD OR WELDED, MASONRY OR DRYWALL (COMPRESSION ANCHORS NOT ALLOWED)

707 Stainless Steel Door Construction

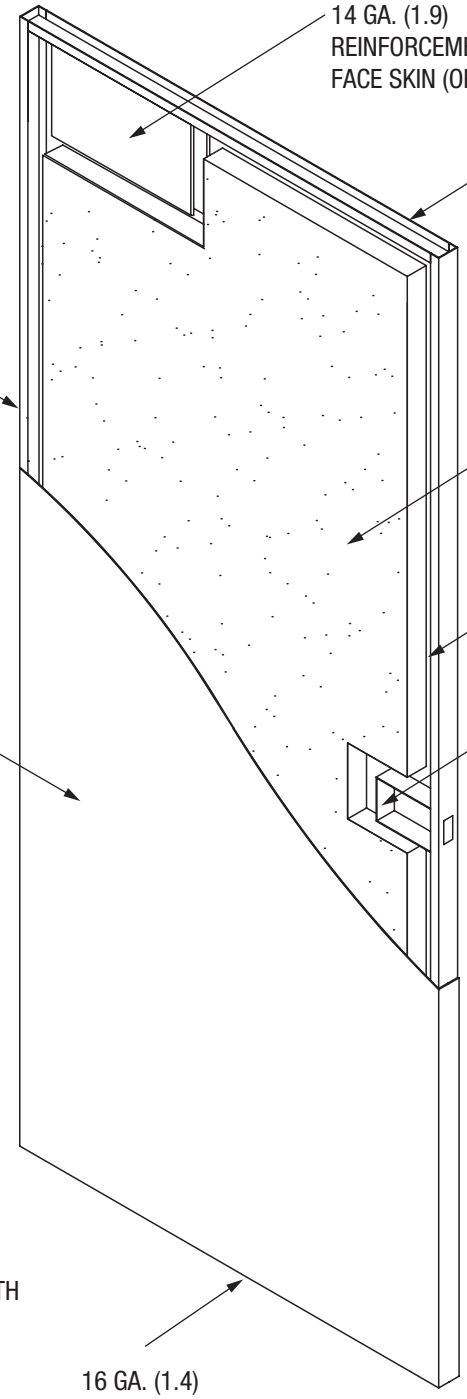
Door Technical Data

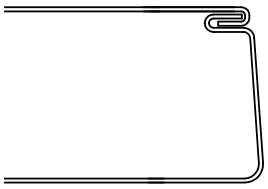
July, 2015

CONSULT FACTORY FOR FIRE LABELING OPTIONS

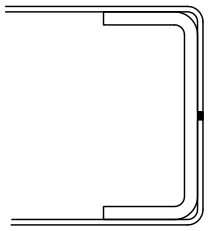
NOTE: 18 GA. SEAMLESS HAS A CENTER SEAM CONSTRUCTION

NOTE: 16 GA. MINIMUM FACE SHEETS REQUIRED FOR CONTINUOUS WELDED TOP/BOTTOM CAPS





LOCK SEAM EDGE DETAIL
ON 18 GA. EXPOSED SEAM



CENTER SEAM ON 14, 16, & 18 GA.
FILLED SEAM

EDGE CONSTRUCTION:
18 GA. (1.1) LOCK-SEAM
18 (1.1) THROUGH 12 GA. (2.6) SEAMLESS

STAINLESS STEEL INTERNAL COMPONENTS WITH 304 & 316 STAINLESS STEEL FACE SHEETS.

STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

747 Stainless Steel Door Construction

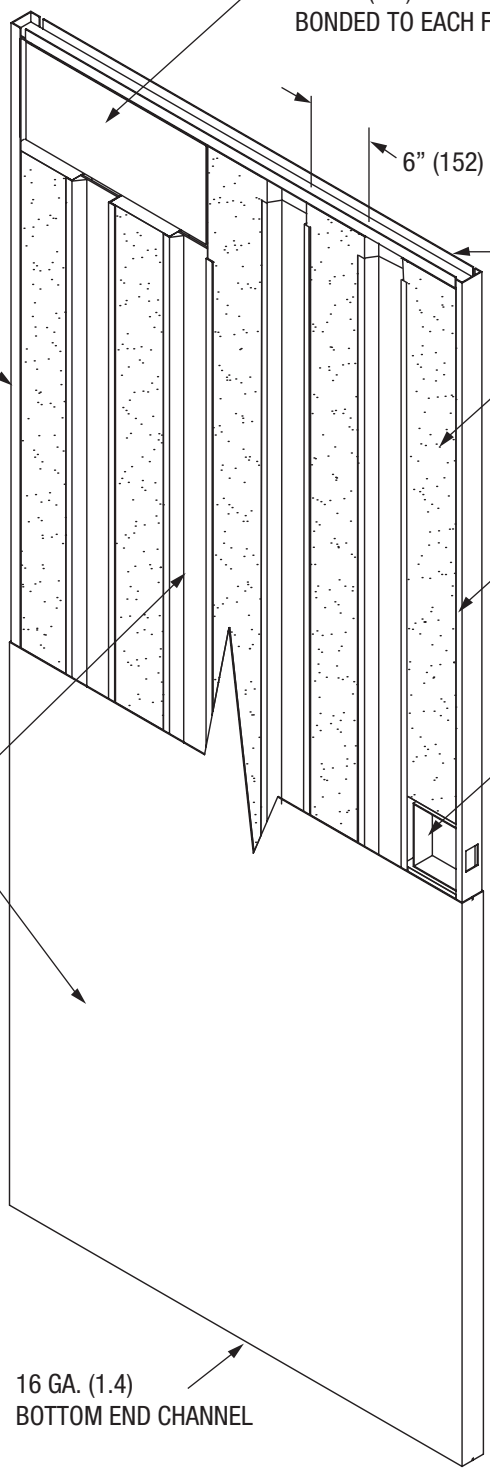
Door Technical Data

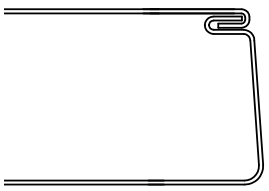
July, 2015

CONSULT FACTORY FOR FIRE LABELING OPTIONS

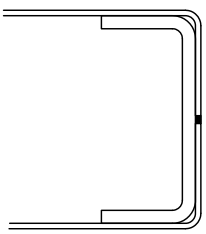
NOTE: 18 GA. SEAMLESS HAS A CENTER SEAM CONSTRUCTION

NOTE: 16 GA. MINIMUM FACE SHEETS REQUIRED FOR CONTINUOUS WELDED TOP/BOTTOM CAPS





LOCK SEAM EDGE DETAIL ON 18 GA. EXPOSED SEAM



CENTER SEAM ON 14, 16, & 18 GA. FILLED SEAM

EDGE CONSTRUCTION:
18 GA. (1.1) LOCK-SEAM
18 GA. (1.1) THROUGH 12 GA. (2.6) SEAMLESS

STAINLESS STEEL INTERNAL COMPONENTS WITH 304 & 316 STAINLESS STEEL FACE SHEETS.

STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

CURRIES
Technical Manual
Fire Rated Products Section

Revised
October, 2015

CURRIES
ASSA ABLOY

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Fire Rated Products

March, 2015

DESCRIPTION **PAGE(S)**

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Fire Rated Products

August, 2014

DESCRIPTION **PAGE(S)**

CURRIES
ASSA ABLOY

Fire Door Limitations and Requirements

Fire Rated Products

August, 2014

CURRIES fire rated doors and frames are listed and labeled by Underwriters Laboratories, LLC (UL) and Intertek-Warnock Hersey (Intertek). Doors and frames were tested in accordance with UL 9, UL 10B, UL 10C, ASTM E2074, ASTM E152, NFPA 252, NFPA 257, UBC 7-2, CAN4S-104 and CAN4S-106. ASTM E152 and ASTM E2074 have been withdrawn and are considered obsolete although included as a reference standard in some job specifications. UBC 7-2 has largely been replaced by the International Building Code (IBC).

The fire rated labels that we apply to doors and frames signify compliance with both Neutral and Positive Pressure test requirements.

GENERAL

a) Only listed doors may be used in a fire rated opening.
b) Every labeled swinging fire door must have a self latching device.
c) Approved hardware and components are listed in the Underwriters Laboratories “Fire Resistive Directory Vol. 3” or ITS/Warnock Hersey “Directory of Listed Products”.
d) Armour plating available, 48" x 48" max. size. Thickness of the plate may be no greater than the door face gauge. Armor plating must be applied at approved location.
e) Labeled doors may be stainless steel.
f) Viewers must be listed. Consult manufacturers listing for limitations.
g) The rating for the door is the rating of the lowest rated component.
h) Embossed panel doors have the same fire rating as 707 doors.

ASTRAGALS

a) Astragals are optimal up to 180 minute pairs of doors, including double egress. Pairs of doors with rim or mortise exit devices that latch into a hardware or hollow metal mullion (Underwriters Laboratories and ITS/Warnock Hersey are viewed as two single doors. Check with the Authority Having Jurisdiction (AHJ) prior to using the exception to ensure acceptance).
b) Astragals used for fire protection must be a steel overlapping type. Weatherstrip astragals rated for 180 minutes do not satisfy the astragal requirement for fire doors.
c) Astragals are required on pairs of 727 doors at all hourly ratings.
d) Astragals are not required on double egress doors or doors swinging in the same direction rated for 90 minutes or less.
e) When astragals are used on pairs of doors equipped with fire exit hardware a coordinator must be used to insure proper closing sequence. An astragal may be used on pairs of doors equipped with a mortise panic device on the active leaf and a vertical rod on the inactive leaf. An astragal may not be used on pairs of doors equipped with vertical rod devices on both leaves (except double egress) since the astragal could inhibit or prevent the opening of one of the leaves. Because 180 minute UL fire-rated pairs of doors with this hardware require an astragal, vertical rod exit devices may not be used on both leaves of 180 minute rated pairs of doors swinging in the same direction.
f) Astragals shall be attached (either screwed or welded) to project approximately 3/4 inch from the edge of the door (re: NFPA80).

CLEARANCES

a) The maximum clearance between the door and frame and between meeting edges of doors swinging in pairs is 1/8 inch (re: NFPA80). Refer to CURRIES Tech Data sections for design clearances on CURRIES doors.
b) The maximum clearances under the bottom of a fire door shall be 3/4” (19 mm) per NFPA 80.

NOTE: Doors with vertical rod devices may have bottom latches that may not engage the strike if maximum allowed clearances are used.

Fire Door Limitations and Requirements

Fire Rated Products

January, 2014

CLOSING DEVICES

a) A closing device shall be installed on every fire door.
b) Closer reinforcements are furnished as standard on CURRIES fire rated doors.
c) If the closer is installed with sex bolts, the closer reinforcement may be omitted on fire rated doors.
d) Spring hinges may be used instead of a closer and a closer reinforcing. At least two spring hinges are required per door leaf.
e) The closer may be omitted on the inactive leaf of pairs of doors to mechanical equipment rooms (re: NFPA80).
f) Overhead stops may be used if they do not inhibit the door from closing and latching.
g) If an astragal or projecting latch bolt prevents the inactive door from closing and latching before the active door, a coordinating device shall be used. A coordinating device is not required where each door leaf of a pair of doors closes and latches independently of each other.
h) Door holder/release devices are permitted when acceptable to the Authority Having Jurisdiction.These are fail-safe devices, controlled by a detection device to release the door in the event of fire (re: NFPA80).

DUTCH DOORS

a) The upper and lower leaf may latch into the frame or the upper leaf may latch in lower leaf which latches into the frame.
b) The top leaf must be equipped with a closing device and a horizontal astragal that brings the bottom leaf closed
c) Fire-rated dutch doors must have a horizontal astragal attached to the bottom of the top leaf for all hourly ratings.

EXIT DEVICES

a) CURRIES labeled fire exit doors may be prepared for any listed fire exit hardware device.
b) The door size must must not exceed the maximum door size listed for the individual hardware manufacturers devices.
c) Doors that are reinforced for fire exit hardware must bear a label which states “Fire Door to be equipped with Fire Exit Hardware.”
d) Fire Exit Hardware may be applied to doors that are not reinforced for such hardware by using sex bolts or through bolts. These doors may not bear the label “Fire Door to be Equipped with Fire Exit Hardware.”
e) Vertical rod exit devices may not be used on a single door (this does not include less bottom rod devices that have a mortise lock.)

GASKETING/EDGE SEALS

a) Only listed gasketing material may be used, consult the U.L. Certifications (online) Directory Intertek Listed Product Directories.
b) Smoke and draft control assemblies must employ gaskets listed for smoke and draft control.
c) CURRIES fire rated doors do not require the use of edge seal systems (intumescents).

GLASS/GLAZING

a) See glazing capability charts for type, size, and rating of glass.

HINGES

a) Doors up to 60 inches in height require two leaf type hinge. An additional hinge must be used for each additional 30 inches of height or fraction thereof (NFPA80).
b) CURRIES fire doors over 96 inches in height may be prepared for standard weight hinges.
c) Listed continuous hinges, pivots, or electric hinges may be used with CURRIES fire rated doors.

LABELS

a) Fire labels on CURRIES doors are metal. Metal labels may be attached with drive screws or steel pop rivets.
b) Labels may be applied only at authorized locations.
c) A field inspection is required for a label to be applied at a jobsite.

LOCKS

a) The door size used must not exceed the maximum door size listed for the individual hardware manufacturers devices.
b) Refer to the hardware manufacturer’s listing to determine capability to supply single point locks for doors over 8 feet in height.
c) Latch Throw Requirements

607 & 707 Single:	1/2 inch minimum latch throw
607 & 707 Pairs:	5/8 inch minimum latch throw on pairs to 8 feet in height.
707 Pairs:	3/4 inch minimum latch throw on pairs to 10 feet in height.
727 Single:	1/2 inch minimum latch throw
727 Pairs:	5/8 inch minimum latch throw
747 & 847 Single:	1/2 inch minimum latch throw
747 & 847 pairs:	5/8 inch minimum latch throw
747 doors may also be prepared for two and three point latching devices.	

CURRIES
ASSA ABLOY

Fire Door Limitations and Requirements

Fire Rated Products

January, 2014

LOCKS (continued)

d) Dead bolts may not be used on doors which are in a means of egress. Locks with dead bolts that are interconnected with latch bolts and retract simultaneously when the latch bolt is retracted may be used on fire doors within a means of egress.
e) Dead bolts may be used in addition to an active latch bolt on doors that are not in a means of egress, or as otherwise permitted by the Authority Having Jurisdiction.

LOUVERS

a) Any listed automatic fusible link louver may be used in CURRIES labeled doors.
b) Maximum rating for louvers is 90 minutes.
c) Maximum listed louver size is 24 x 24 inches.
d) Louvers may not be installed in the upper half of a fire door.
e) Louvers may not be installed in 20 minute doors.

MODIFICATIONS

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and CURRIES makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

PAIRS OF DOORS

a) The inactive leaf of pairs of doors may be provided with self-latching top and bottom bolts or automatic flush bolts or labeled two point latches. Manual bolts either mortise or surface may be used on doors to rooms not normally occupied by humans.
b) Double egress doors are intended to be provided with vertical rod exit devices (concealed or surface mounted).
c) Open back strikes may be used on pairs of 707 or 747 doors to a maximum of 8'0" high, maximum height for 607 doors is 7'0" high.
d) Two doors in the same frame separated by a hollow metal mullion are treated as two single doors.

PROTECTION PLATES/PLANT ONS

a) Protection plates or kick plates may be a maximum of 48 x 48 inches and may be attached to both faces of a door; protection plates may not be thicker than the door face skin gauge. NFPA 80 states that labeling is not required on protection plates less than 16". Field installed plates must be labeled and installed in accordance with the protection plate manufacturer's listing. The protection plate manufacturer should advise size and installation limitations. Protection plates are listed under UL Category code GVUX.
b) Plant-ons, decorative moldings, or cladding may not be used on CURRIES fire doors.

SMOKE AND DRAFT CONTROL

a) All components used in a Smoke and Draft Control assembly must pass a 20 minute without hose stream fire test.
b) Only gaskets listed for smoke and draft control may be used for smoke and draft control assemblies.
c) The gaskets used for a smoke and draft control assembly must be listed for the type of door installed in the frame, i.e. hollow metal or wood.
d) Wood doors used in a smoke and draft assembly that do not have intumescent imbedded in the door edge may require an edge seal (intumescent) and a smoke and draft control qualified gasket to be installed in the door frame.

TEMPERATURE RISE DOORS

a) The L727 series door may be used in 250˚ and 450˚ temperature rise applications.
b) A steel overlapping astragal is required on all fire-rated pairs of 727 doors.
c) The 747 temperature rise door is available at a 450˚ rating only.

VISION LIGHT REQUIREMENTS

a) No glass should be used in exterior doors subject to a severe fire exposure.
b) Any listed fire door vision light kit may be used in CURRIES labeled doors. Vision kits should be listed for use in the type of door construction they are installed in.
c) CURRIES vision light kits may be used in CURRIES doors only.
d) Minimum stile between visible glass and the edge of door is 6 inches, the minimum distance between two vision light kits is 6" from visible glass to visible glass.
e) NFPA 80 allows vision lite kits up to 100 sq. inches in 250˚ and 450˚ temp. rise applications. Authority Having Jurisdiction may allow use of specialty glazing (see glazing chart for approved glazing) over 100 sq. inches.

Fire Door Limitations and Requirements

Fire Rated Products

April, 2002

RECOMMENDATIONS FOR THE SELECTION OF SWINGING FIRE DOORS AND FRAMES

1. Determine the appropriate building code, and resulting fire door requirements.
2. Check and fulfill the fire insurance company's requirements for the specific building.
3. Basic Fire Door assembly - Use this check list.
    a) A fire door must have an attached label
    b) A fire door frame must have either an attached label or an embossment in the metal of the frame.
    c) A fire door must be self-latching.
    d) A fire door must be self-closing.
    e) If a fire door is held open, it must be equipped with a listed heat responsive device, fusible link or a smoke detection device.
    f) A fire door must be free of any obstructions which could prevent the door from operating properly, i.e., wedge door stops, chains; etc.
    g) Only listed fire door hardware shall be used.
    h) A fire door must have steel bearing type hinges, a listed continuous hinge, or a listed specialty hinge. (Exception: Non-bearing plain steel hinges may be used if part of a listed assembly.)
    i) Doors swinging in pairs that require hollow metal astragals shall have at least one overlapping astragal. Pairs of doors within a means of egress shall not be equipped with an astragal that inhibits the free use of either leaf. A coordinator, or open back strike should be used to ensure proper closing.
    j) Fire doors with glass lights:
        1) The glass frame and glazing bead must be listed.
        2) The glass must be listed glass as permitted by the listing agency and/or the Authority Having Jurisdiction.
    k) Fire doors with fusible link louvers:
        1) Only listed louvers can be used.
        2) Louvers can be furnished in 1-3/4" thick doors with a 90 minute or a 45 minute label.
        3) Maximum louver size is 24" x 24".
        4) Louvers are not permitted to be installed in doors with Fire Exit Hardware, or doors installed in stairwells.
        5) Louvers may not be installed in doors requiring smoke & draft control.
    l) For maximum fire protection - Standard Number 80 of the National Fire Protection Association should be used for an installation guide.
    m) Purchase doors from a recognized responsible manufacturer whose fire doors and frames are produced to conform to Fire Door Procedures and are subject to periodic inspections. Fire doors and frames should be listed by an agency acceptable to the Authority Having Jurisdiction.

CURRIES
ASSA ABLOY

Fire Door Capabilities Chart

Fire Rated Products

October, 2015

			Series	L607	L707	L707	L707	L727 [2]	L747	L747 TR[2]	L747	L757	L777	L777E	L847	L857
			Skin Gauges	20 or 18	20 or 18	20, 18, 16	14	18 or 16	18 or 16	18 or 16	14	16 or 14	18,16,14	18 or 16	14	14
			Door Thickness	1 – 3/4	1 – 3/8	1 – 3/4	1 – 3/4	1 – 3/4	1 – 3/4	1 – 3/4	1 – 3/4	1 – 3/4	1-3/4	1-3/4	1 – 3/4	2
			Inches (mm)	(44)	(35)	(44)	(44)	(44)	(44)	(44)	(44)	(44)	(44)	(44)	(44)	(51)
	TYPE	RATING		MAXIMUM OPENING SIZE												
	SINGLE FLUSH	180 min. 90 min. 60 min. 45 min. 20 min.		4070 (1219x2134)	3472 (1016x2184)	4080 (1219x2438)	4080 (1219x2438)	4080 (1219x2438)	40100 (1219x3048)	40100 (1219x3048)	4080 (1219x2438)	4080 (1219x2438)	4080 (1219x2438)	4080 (1219x2438) UL only, WH max. 90 minutes	4080 (1219x2438)	4080 (1219x2438)
	PAIR FLUSH	180 min. 90 min. 60 min. 45 min. 20 min.		8070 (2438x2134)		8080 (2438x2438)	8080 (2438x2438)	8080 (2438x2438)	80100 (2438x3048)	80100 (2438x3048)	8080 (2438x2438)	8080 (2438x2438)	8080 (2438x2438)	8080 (2438x2438) UL only, WH max. 90 minutes	8080 (2438x2438)	
	DBL EGRESS FLUSH	180 min. 90 min. 60 min. 45 min. 20 min.		6070 (1829x2134)		6080 (1829x2438)	6080 (1829x2438)	8080 (2438x2438)	80100 (2438x3048)	80100 (2438x3048)	8080 (2438x2438)				8080 (2438x2438)	
	SINGLE LOUVER	90 min. 45 min.		4070 (1219x2134)		4080 (1219x2438)	4080 (1219x2438)		40100 (1219x3048)	40100 (1219x3048)	4080 (1219x2438)		4080 (1219x2438)	4080 (1219x2438)	4080 (1219x2438)	4080 (1219x2438)
	PAIR LOUVER	90 min. 45 min.		8070 (2438x2134)		8080 (2438x2438)	8080 (2438x2438)		80100 (2438x3048)	80100 (2438x3048)	8080 (2438x2438)		8080 (2438x2438)	8080 (2438x2438)	8080 (2438x2438)	
	DUTCH DOOR FLUSH	180 min. 90 min. 60 min. 45 min. 20 min.							3872 (1118X2184)	3872 (1118X2184)						
	SINGLE EMBOSSED PANEL	180 min. 90 min. 45 min. 20 min.				3470 (1016x2134) 3670[4] (1067x2134)						3470 (1016x2134)				
	PAIR EMBOSSED PANEL	180 min. 90 min. 45 min. 20 min.				6870 (2032x2134) 7070[4] (2032x2134)										
	SINGLE FULL GLASS	20 min. without hose stream				4080 (1219x2438)	4080 (1219x2438)		4080 (1219x2438)		4080 (1219x2438)		4080 (1219x2438)	4080 (1219x2438)		
	PAIR FULL GLASS	20 min. without hose stream				8080 (2438x2438)	8080 (2438x2438)		8080 (2438x2438)		8080 (2438x2438)		8080 (2438x2438)	8080 (2438x2438)		

NOTES: 1) SEE DOOR GLAZING SPECIFICATIONS FOR GLAZING REQUIREMENTS
2) 180, 90, 60, 45 MIN. LABELS ONLY
3) MINERAL CORE PANEL
4) 18 GAUGE

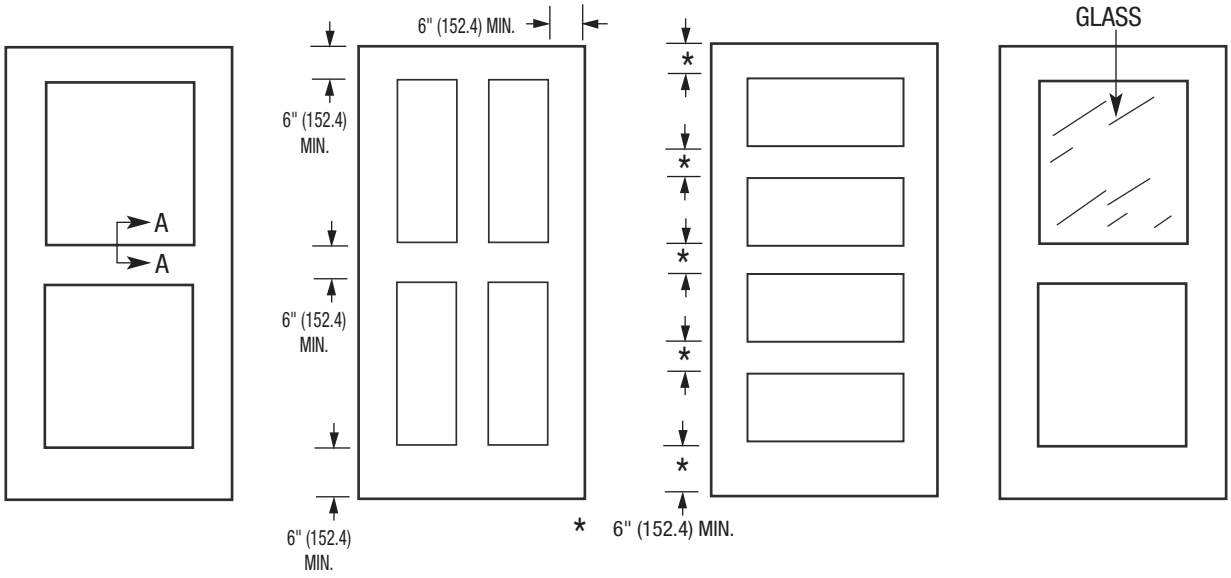
	SINGLE[3] PANEL DOOR	90 min. 45 min. 20 min.			4080 (1219x2438)	4080 (1219x2438)		4080 (1219x2438)		4080 (1219x2438)						

NOTES: SEE PAGE 9 FOR MORE INFORMATION ON PANEL DOORS

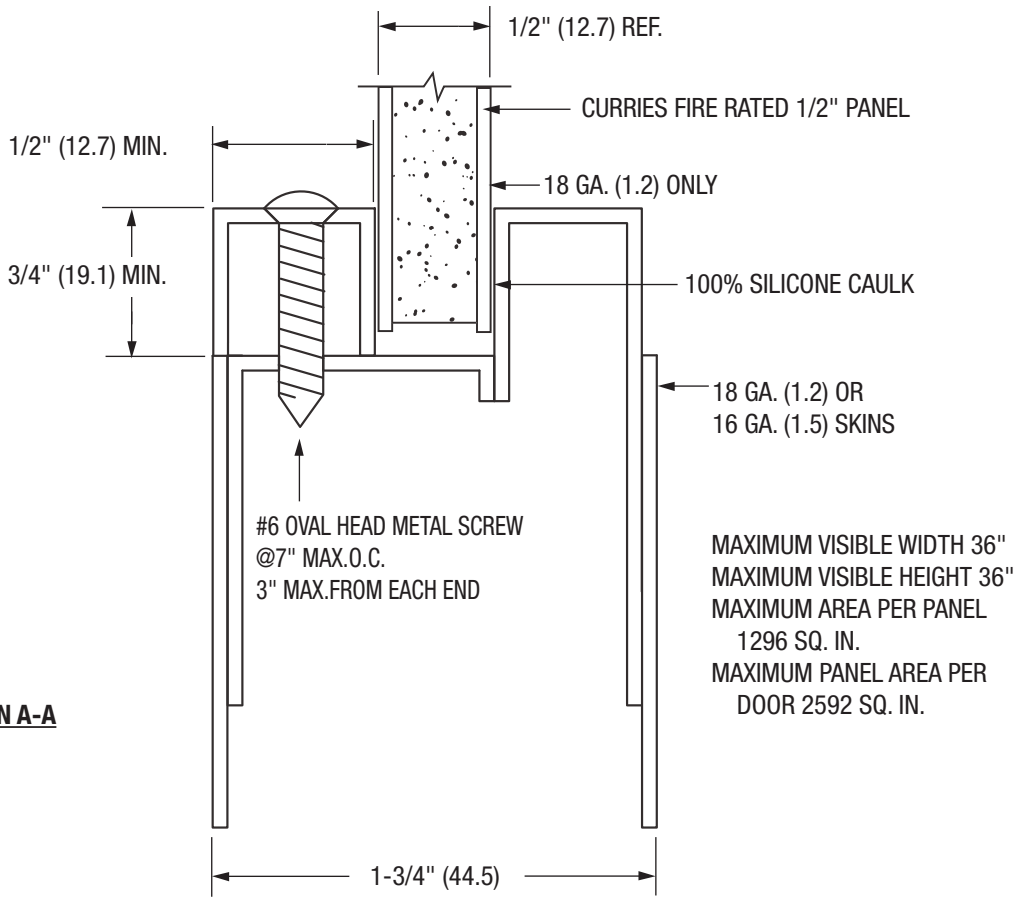
February, 2010

90 MINUTE MAXIMUM RATING.
UL ONLY

TYPICAL FACE TYPES



6" MINIMUM STILE AND RAIL



SECTION A-A

CURRIES
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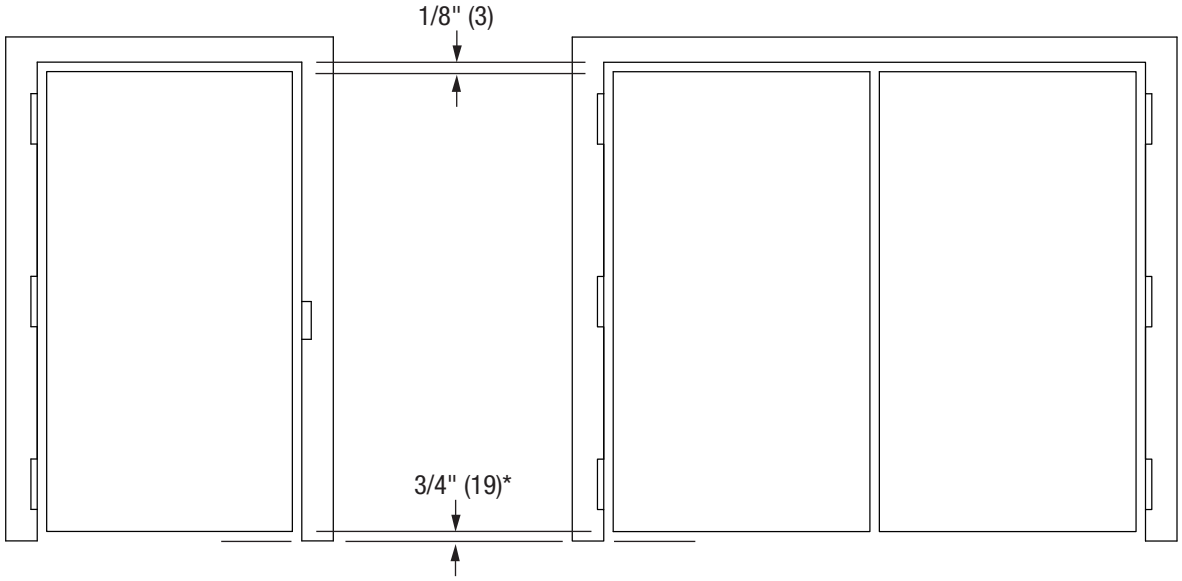
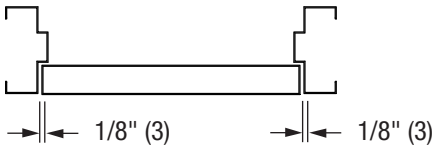
Maximum Label Door Clearances

Fire Rated Products

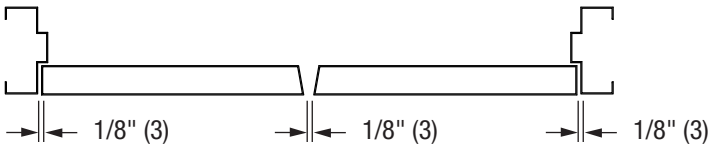
April, 2002

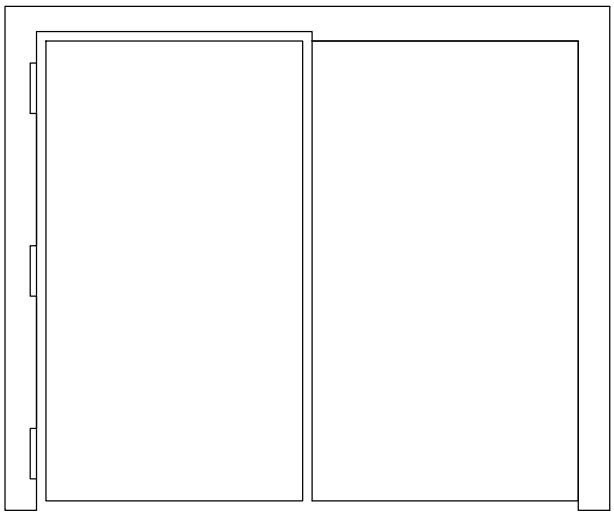
SINGLE



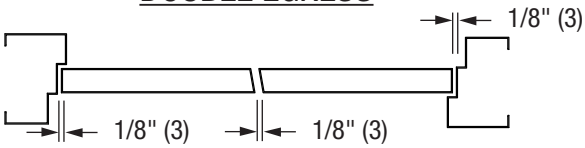


PAIR





DOUBLE EGRESS



REFERENCE: MAXIMUM CLEARANCES AS PUBLISHED IN N.F.P.A. 80; FIRE DOORS AND WINDOWS.

*CURRIES STANDARD UNDERCUT IS 5/8" (16)

KD Fire Door Frame Capabilities Chart

Fire Rated Products

CURRIES
ASSA ABLOY

August, 2014

HOUR RATING		180 (3 HOUR) MASONRY WALLS ONLY	90 (1-1/2 HOUR)	45 (3/4 HOUR)	20 (20 MINUTE)
PROFILE TYPE	MAT'L GAUGE	JAMB DEPTH SIZES (7			
1" FACE FRAME M	16 14 12	4" MIN. - 14" MAX. (102) - (356)	4" MIN. - 14" MAX. (102) - (356)	4" MIN. - 14" MAX. (102) - (356)	4" MIN. - 14" MAX. (102) - (356)
1-1/4" - 4" FACE FRAME M	16 14 12	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)
CM	16 14	3-1/4"(4 MIN. - 14" MAX. (83) - (356)(2	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)
C (1, (6	16 14	NOT AVAILABLE	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX (83) - (356)
C (1, (6	16 14	NOT AVAILABLE	4-5/8" MIN. - 14" MAX. (117) - (356)	4-5/8" MIN. - 14" MAX. (117) - (356)	4-5/8" MIN. - 14" MAX. (117) - (356)
G (1	16 14 12	NOT AVAILABLE	3-1/4"(2 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)
CMG	16 14	3-1/4"(3 MIN. - 14" MAX. (83) - (356)(2	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
DEM	16 14 12	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)
WM	16 14	5-1/4" MIN. - 14" MAX (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)
WCM	16 14	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)
WG	16 14	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)
WCG	16 14	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)
WC (1	16	NOT AVAILABLE	4-5/8" MIN. - 14" MAX. (118) - (356)	4-5/8" MIN. - 14" MAX. (118) - (356)	4-5/8" MIN. - 14" MAX. (118) - (356)

(1 COMPRESSION ANCHOR
(2 ONLY MASONRY WALLS WITH APPROVED CORNER CLIP
(3 3-1/4"-4" JAMB DEPTH FOR 1-3/8" DOORS ONLY
(4 MASONRY WALLS ONLY
(5 18 GAUGE AVAILABLE - SEE FOLLOWING PAGES
(6 14 GA. AVAILABLE IN 2" FACE ONLY
(7 SAME PROFILE FOR HEAD & JAMB

CURRIES
ASSA ABLOY

KD Fire Door Frame Capabilities Chart

Fire Rated Products

December, 2013

NEUTRAL AND POSITIVE PRESSURE

HOUR RATING		180 (3 HOUR) MASONRY WALLS ONLY	90 (1-1/2 HOUR)	45 (3/4 HOUR)	20 (20 MINUTE)
PROFILE TYPE	**MAT'L GAUGE**	**OPENING SIZES (5**			
1" FACE FRAME M	16 14 12	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"
1-1/4" - 4" FACE FRAME M	16 14 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
CM	16 14	SINGLE: 4'0" X 10'0"(1 PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
C (1, (4	16	NOT AVAILABLE	SINGLE: 3'6" X 7'0"	SINGLE: 3'6" X 7'0"	SINGLE: 3'6" X 7'0"
C (1	16	NOT AVAILABLE	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"
G (1	16 14 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
CMG	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"(2	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
DEM	16 14 12	PAIRS: 8'0" X 10'0"(2	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"
WM	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WCM	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"(2	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WG	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WCG	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"(2	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WC (1	16	NOT AVAILABLE	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2"- OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"

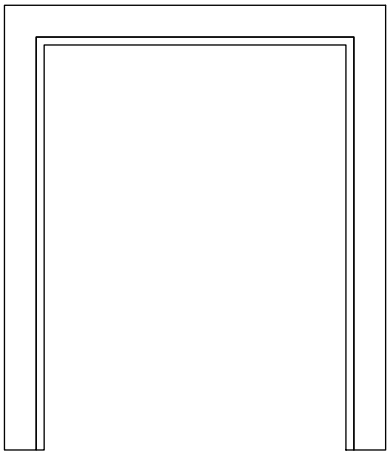
(1 COMPRESSION ANCHOR
(2 ONLY MASONRY WALLS WITH APPROVED CORNER CLIP
(3 18 GAUGE AVAILABLE - SEE FOLLOWING PAGES
(4 1-3/8" DOORS ONLY
(5 SAME PROFILE FOR HEAD & JAMB

18 Gauge Three Sided Fire Door Frame

Fire Rated Products

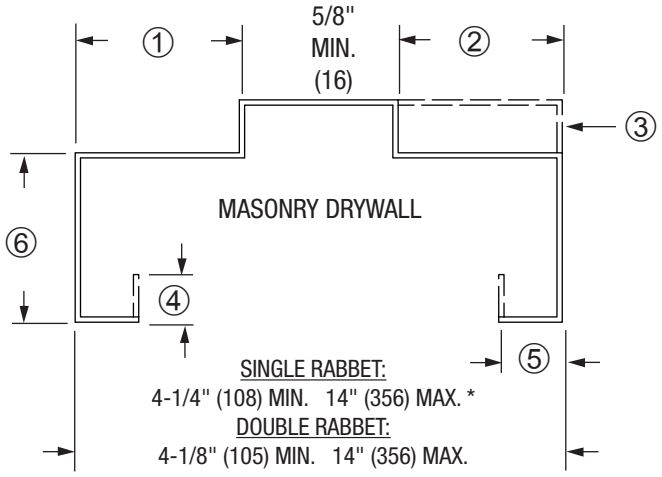
August, 2014

90 MINUTE MAXIMUM RATING



GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 3/8" (10) MIN.
1-3/8" (35)
⑥ 1-1/4" (32)*
4" (102) MAX. JAMB
6" (152) MAX. HEAD



CURRIES
ASSA ABLOY

18 Gauge Three Sided Fire Door Frame

Fire Rated Products

April, 2002

90 MINUTE MAXIMUM RATING - DRYWALL WALLS (WARNOCK HERSEY LISTING ONLY)	
MAXIMUM FRAME SIZES	
MASONRY, DRYWALL:	SINGLE — 4'0" (1219) W X 8'0" (2438) H PAIRS — 8'0" (2438) W X 8'0" (2438) H
WALL CONSTRUCTION:	DRYWALL OR MASONRY WALLS
FRAME CORNER CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD-IN OR SLIP-IN DRYWALL OR MASONRY TYPE. ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED)
MATERIAL:	18 GA. (1.2) MIN. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS	
A) HINGES:	STEEL (BALL BEARING - OIL LIGHT BUSHING) TYPE, POCKET PIVOT TYPE, STANDARD PIVOT TYPE, ANCHOR TYPE, AND CONTINUOUS TYPE.
B) CLOSERS:	CLOSERS ARE REQUIRED ON ALL FRAMES WHICH ARE TO BE FIRE LABELED, REGARDLESS OF THE HOURLY RATING. IF A LABEL APPROVED REINFORCEMENT IS NOT PROVIDED, THE CLOSER MUST BE THROUGH -BOLTED TO THE FRAME. IN LIEU OF A CLOSER, SPRING HINGES MUST BE USED.
C) STRIKES:	STANDARD STRIKES FOR VARIOUS TYPES OF LISTED HARDWARE MAY BE USED.
D) HARDWARE MULLION:	IT IS PERMISSIBLE TO USE A LISTED HARDWARE MULLION IN A PAIR CONFIGURATION.

NOTE: ANY HARDWARE WHICH IS TO BE USED ON FIRE RATED DOORS AND FRAMES SHOULD BE CONFIRMED FOR LABEL APPROVAL USING THE LATEST EDITION OF THE U.L. FIRE RESTRICTIVE DIRECTORY VOL. 3, OR ITS/WHI DIRECTORY OF LISTED PRODUCTS.

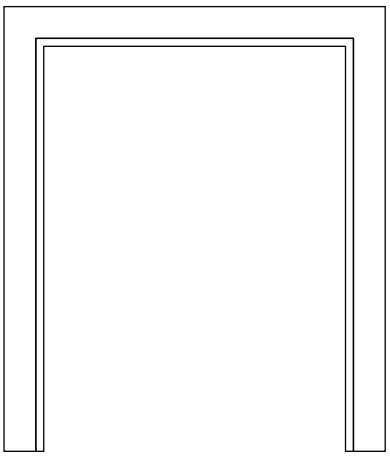
FACE WELDING COMPLETELY ASSEMBLED AND INSTALLED KD FRAMES IN THE FIELD IS AN ACCEPTABLE PRACTICE, CONTACT FACTORY FOR DETAILS.

Three Sided Fire Door Frame

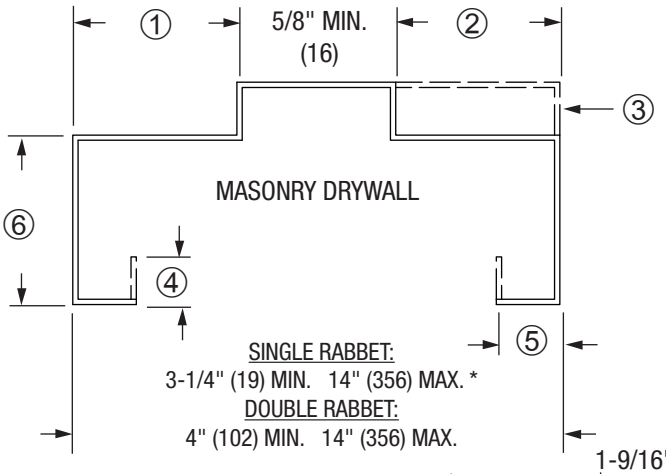
Fire Rated Products

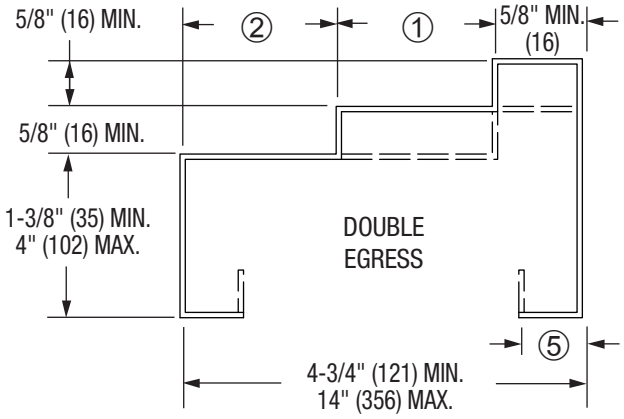
August, 2014

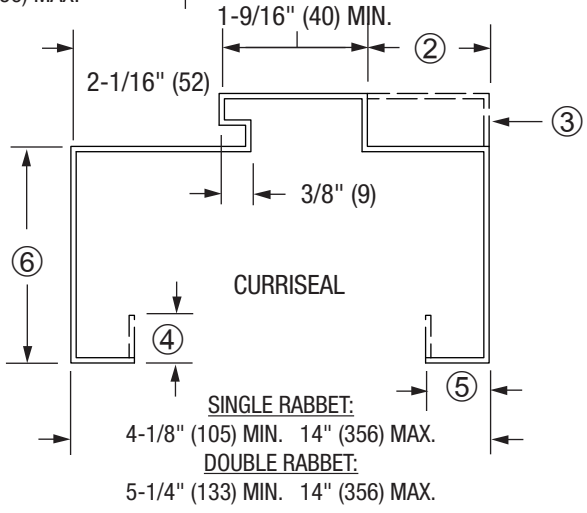
180 MINUTE MAXIMUM RATING - MASONRY WALLS
90 MINUTE MAXIMUM RATING - DRYWALL WALLS



GENERAL NOTES:
① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 3/8" (10) MIN.
1-3/8" (35)
⑥ 1-1/4" (32)*
4" (102) MAX. JAMB
8" (204)[1] MAX. HEAD







Compression anchors not available in label construction
* 3-1/4" to 4" jamb depth for 1-3/8" door only.
1) Heads with greater than 4" face are UL label only.

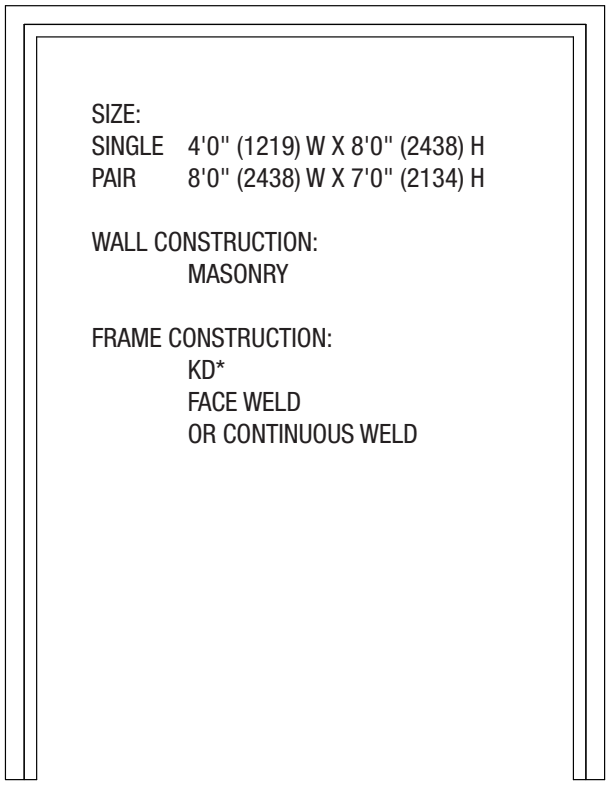
180 MINUTE MAXIMUM RATING - MASONRY WALLS 90 MINUTE MAXIMUM RATING - DRYWALL WALLS	
MAXIMUM FRAME SIZES	
MASONRY, DRYWALL:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIRS — 8'0" (2438) W X 10'0" (3048) H
DOUBLE EGRESS:	PAIRS ONLY — 8'0" (2438) W X 10'0" (3048) H COMPRESSION ANCHOR NOT AVAILABLE IN LABEL CONSTRUCTION
CURRISEAL:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIRS — 8'0" (2438) W X 10'0" (3048) H
WALL CONSTRUCTION:	DRYWALL OR MASONRY WALLS
FRAME CORNER CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD-IN OR SLIP-IN DRYWALL OR MASONRY TYPE ANCHOR MAY BE USED IN THIS FRAME.
MATERIAL:	16 GA. (1.5) MIN. 12 GA. (2.6) MAX. COLD ROLLED OR GALVANIZED STEEL
MULLIONS:	WELDED OR REMOVABLE HOLLOW METAL MULLIONS ARE PERMITTED.
HARDWARE RESTRICTIONS	
A) HINGES:	STEEL (BALL BEARING - OIL LIGHT BUSHING) TYPE, POCKET PIVOT TYPE, STANDARD PIVOT TYPE, ANCHOR TYPE, AND CONTINUOUS TYPE.
B) CLOSERS:	CLOSERS ARE REQUIRED ON ALL FRAMES WHICH ARE TO BE FIRE LABELED, REGARDLESS OF THE HOURLY RATING. IF A LABEL APPROVED REINFORCEMENT IS NOT PROVIDED, THE CLOSER MUST BE THROUGH -BOLTED TO THE FRAME. IN LIEU OF A CLOSER, SPRING HINGES MUST BE USED.
C) STRIKES:	STANDARD STRIKES FOR VARIOUS TYPES OF LISTED HARDWARE MAY BE USED.
D) HARDWARE MULLION:	IT IS PERMISSIBLE TO USE A LISTED HARDWARE MULLION IN A PAIR CONFIGURATION.

NOTE: ANY HARDWARE WHICH IS TO BE USED ON FIRE RATED DOORS AND FRAMES SHOULD BE CONFIRMED FOR LABEL APPROVAL USING THE LATEST EDITION OF THE U.L. FIRE RESTRICTIVE DIRECTORY VOL. 3, OR ITS/WHI DIRECTORY OF LISTED PRODUCTS.

FACE WELDING COMPLETELY ASSEMBLED AND INSTALLED KD FRAMES IN THE FIELD IS AN ACCEPTABLE PRACTICE, CONTACT FACTORY FOR DETAILS.

August, 2014

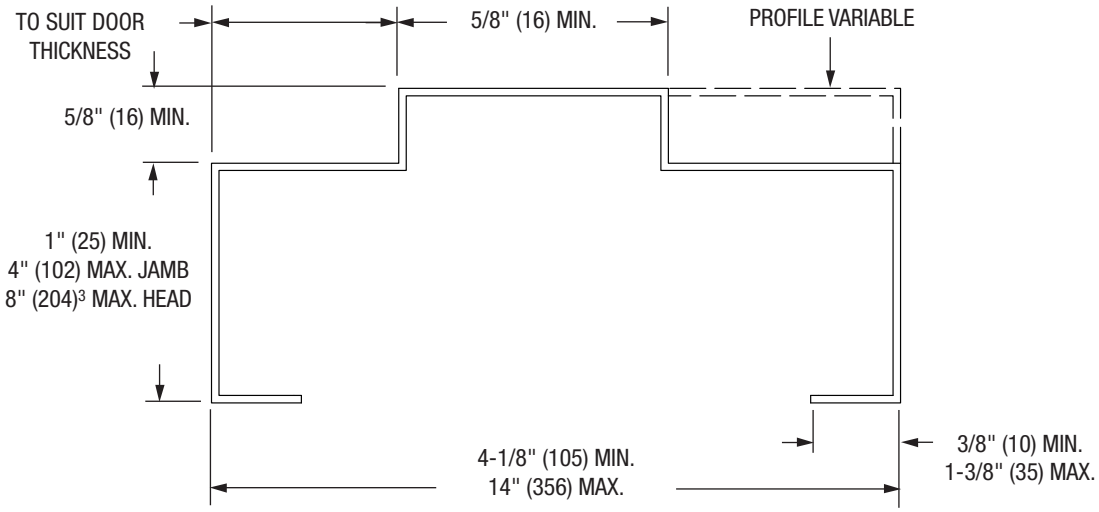
1" FACE DOOR FRAME
MASONRY WALL CONSTRUCTION
180 MINUTE MAXIMUM FIRE RATING



SIZE:
SINGLE 4'0" (1219) W X 8'0" (2438) H
PAIR 8'0" (2438) W X 7'0" (2134) H

WALL CONSTRUCTION:
MASONRY

FRAME CONSTRUCTION:
KD*
FACE WELD
OR CONTINUOUS WELD

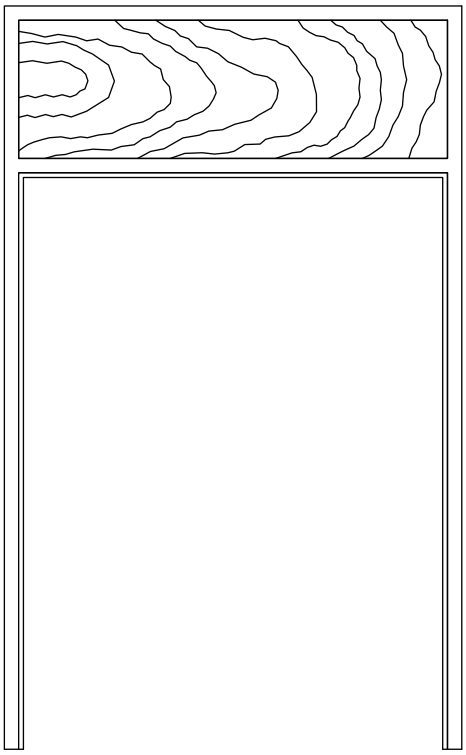


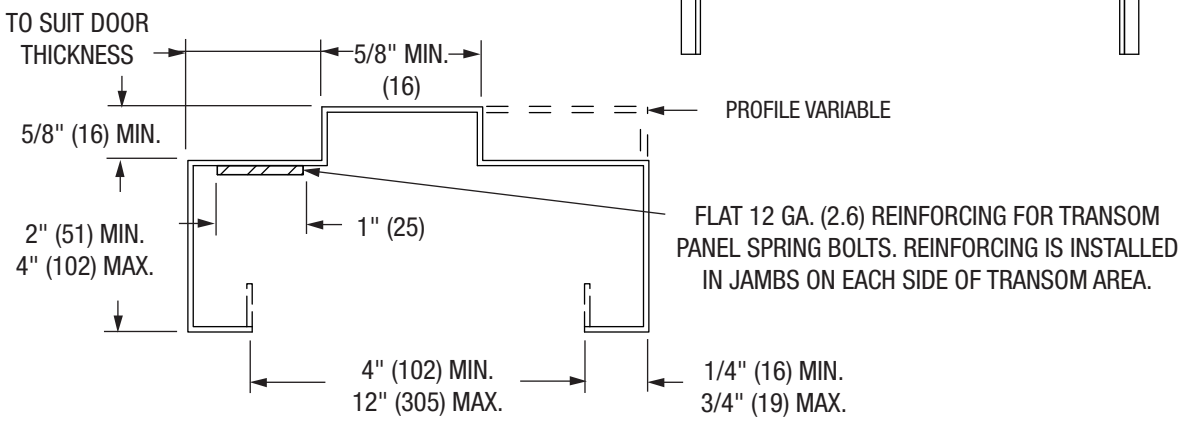
1) WELDED AND REMOVABLE MULLIONS MAY BE USED WITH THIS FRAME.
2) ANY LISTED WELD IN OR SLIP IN MASONRY ANCHOR MAY BE USED IN THIS FRAME.
3) HEADS WITH GREATER THAN 4" FACE ARE UL LABEL ONLY.

WOOD TRANSOM PANEL

90 MINUTE MAXIMUM RATING

FRAME SIZE:
4”0" (1219) W X 11'0" (3353) SINGLE SWING
WALL CONSTRUCTION:
MASONRY
DRYWALL
FRAME CONSTRUCTION:
CONTINUOUS WELD
TRANSOM PANEL:
ANY LISTED WOOD TRANSOM PANEL
MAX. PANEL SIZE:
BASED ON WOOD DOOR MANUFACTURER’S LISTING.
1-1/2 HOUR MAX. LABEL RATING
MAX. DOOR SIZE:
ANY LABELED DOOR





NOTES:

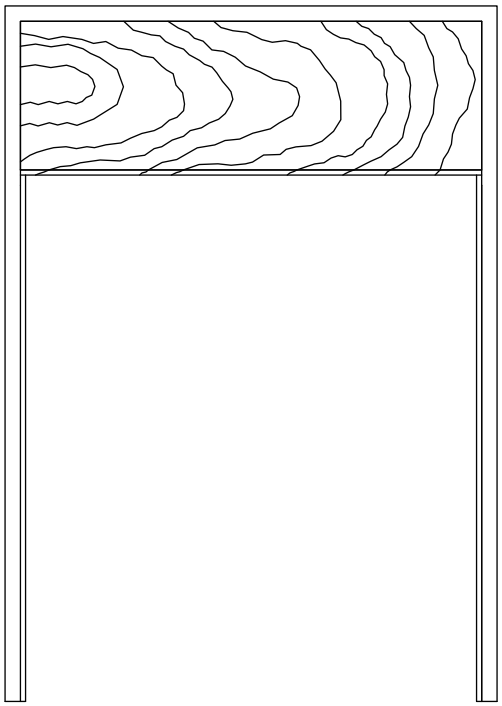
1) THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES “FIRE DOOR FRAME WITH PANELS”
2) ATTACHMENT OF TRANSOM PANEL TO FRAME IS BY USE OF SPRING BOLTS THAT ARE PROVIDED WITH THE PANEL. (PANEL MAY ALSO BE ATTACHED TO FRAME BY OTHER MEANS AS ALLOWED BY THE PANEL MANUFACTURER’S LISTING.) SPRING BOLTS ENGAGE IN TO REINFORCED HOLES IN THE FRAME.
3) ANY LISTED WELD IN OR SLIP IN MASONRY OR DRYWALL ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).
4) SEE GLAZING CHARTS AND TRANSOM/SIDELITE FRAMES FOR ADDITIONAL CAPABILITIES.

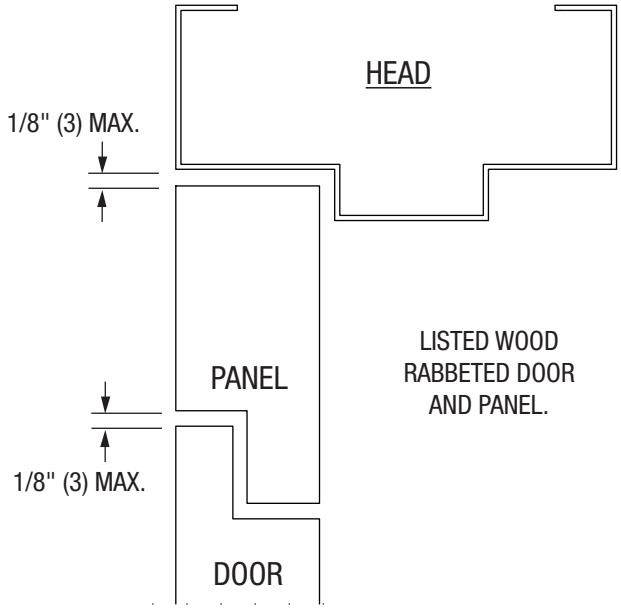
Transom Frame For Rabbeted Wood Door & Transom Panel

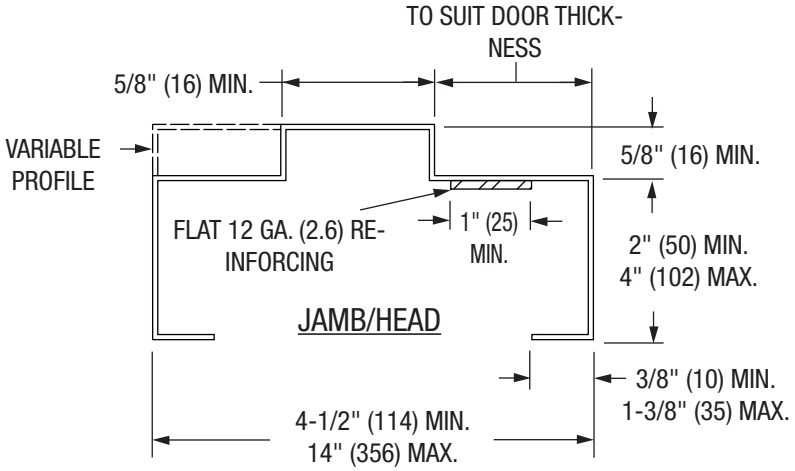
Fire Rated Products

August, 2014

90 MINUTE MAXIMUM RATING.







CURRIES
ASSA ABLOY

Transom Frame For Rabbeted Wood Door & Transom Panel

Fire Rated Products

August, 2014

90 MINUTE MAXIMUM RATING	
MASONRY, DRYWALL:	4'0" (1219) X 10'0" (3048) AS KD 4'0" (1219) X 11'0" (3353) AS WELDED
MAXIMUM DOOR HEIGHT:	8'0” (2438)
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD-IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
TRANSOM PANEL:	1-3/4" (44) THICKNESS MAXIMUM SIZE: 4'0" (1219) W X 4'0" (1219) H MAXIMUM LABEL RATING: 1-1/2 HOUR

NOTE:

1) FLAT 12 GA. (2.6) REINFORCING FOR TRANSOM PANEL SPRING BOLTS. REINFORCING IS INSTALLED IN JAMBS ON EACH SIDE OF TRANSOM PANEL.

2) THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES: “FIRE DOOR FRAME WITH PANELS.”

3) ATTACHMENT OF TRANSOM PANEL TO FRAME IS BY USE OF SPRING BOLTS PROVIDED WITH THE PANEL. (PANEL MAY BE ATTACHED TO THE FRAME BY OTHER MEANS, AS ALLOWED BY THE PANEL MANUFACTURERS LISTINGS.) SPRING BOLTS ENGAGE INTO REINFORCED HOLES IN THE FRAME.

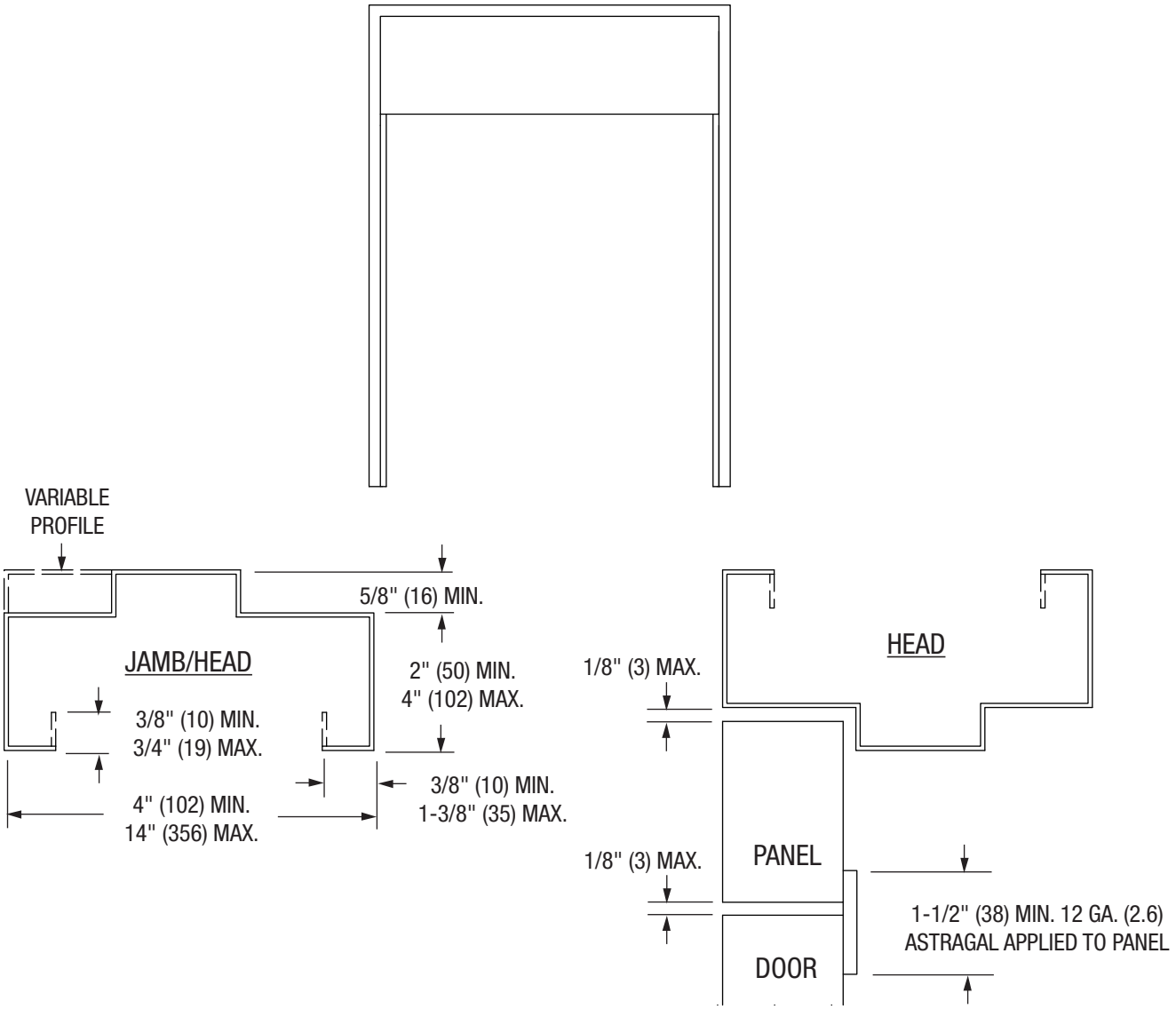
4) CONTACT WOOD DOOR & PANEL MANUFACTURER FOR PANEL AND DOOR LIMITATIONS.

Transom Frame Without Transom Bar (Fixed)

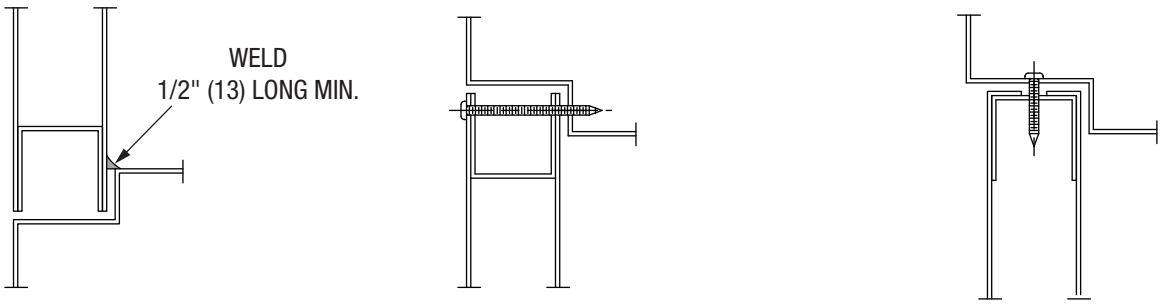
Fire Rated Products

August, 2014

180 MINUTE MAXIMUM RATING.



Fixed Panel Installation Options



A
STANDARD

B
OPTIONAL

C
OPTIONAL
THIS METHOD CANNOT BE
USED ON MULLION SECTIONS

SEE FRAME SECTION PAGE 134 FOR
REMOVABLE PANEL DETAILS

CURRIES
ASSA ABLOY

Transom Frame Without Transom Bar (Steel Panel)

Fire Rated Products

April, 2002

180 MINUTE MAXIMUM RATING - MASONRY WALLS 90 MINUTE MAXIMUM RATING - DRYWALL WALLS	
MAXIMUM FRAME SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
WALL CONSTRUCTION:	MASONRY OR DRYWALL (DRYWALL WALL INSTALLATION LIMITED TO 90 MINUTES)
FRAME CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD IN OR SLIP IN TYPE DRYWALL OR MASONRY ANCHORSMAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
TRANSOM PANEL:	MUST BE 747 CONSTRUCTION. SINGLE: 4'0" (1219) W X 3'0" (1219) H MAX. PAIR: 8'0" (2438) W X 3'0" (1219) H
ASTRAGAL:	ASTRAGAL NOT REQUIRED ON ASSEMBLIES RATED 90.
DOORS:	MAXIMUM DOOR LEAF SIZE SINGLE & PAIRS - 707: 4'0" (1219) W X 10'0" (3048) H SINGLE & PAIRS - 747: 4'0" (1219) W X 10'0" (3048) H

NOTE: 1) THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES: “FIRE DOOR FRAME WITH PANELS” AND IS LIMITED TO THE SAME RESTRICTIONS AS OTHER TRANSOM FRAMES.

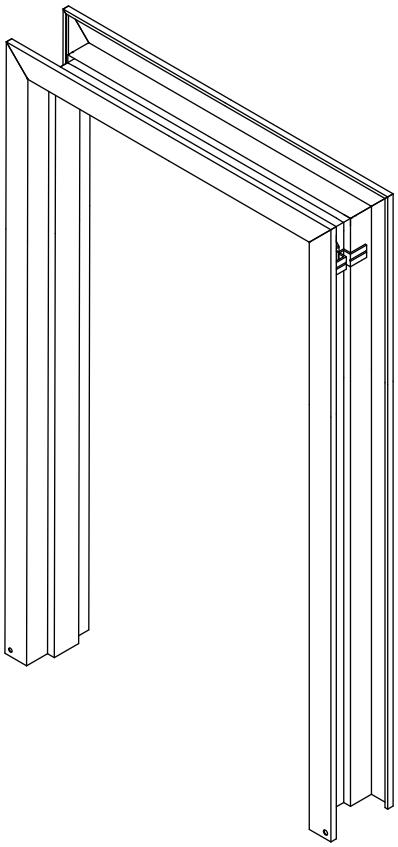
2) SCREWS AND WELDS FOR PANEL ANCHORING SHALL BE AT 2-1/2" (64) FROM ENDS AND A MAXIMUM OF 12" (305) APART ON TOP AND BOTTOM EDGES AND 18" (457) APART ON SIDES. PANEL SCREWS SHALL BE MINIMUM #10 SIZE.

Compression Anchor (C-Type) Slip-on Drywall Frame

Fire Rated Products

August, 2014

90 MINUTE MAXIMUM FIRE RATING.

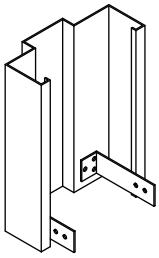


SIZE:

SINGLE: 4'0" (1219) W X 9'0" (2743) H
PAIR: 8'0" (2438) W X 7'2" (2184)
7'0" (2134) W X 9'0" (2743) H

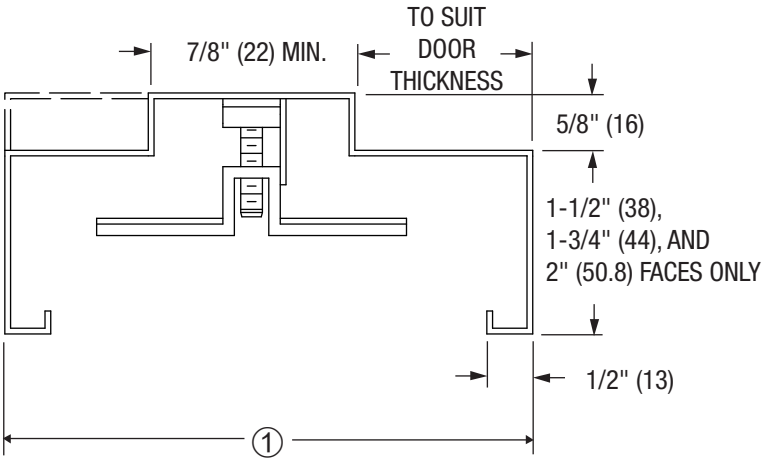
WALL CONSTRUCTION: DRYWALL

FRAME CONSTRUCTION: KD (WITH COMPRESSION ANCHOR SYSTEM)



– COUNTERSUNK BASE ANCHOR HOLE IS STANDARD ON 2" (51) FACE FRAMES, STRAP TYPE BASE ANCHOR OPTIONAL.

– STRAP TYPE BASE ANCHOR OPTIONAL ON 2" (50.8) FACE FRAMES AND MUST BE USED ON 1-1/2" (38) AND 1-3/4" (44) FACE FRAMES.

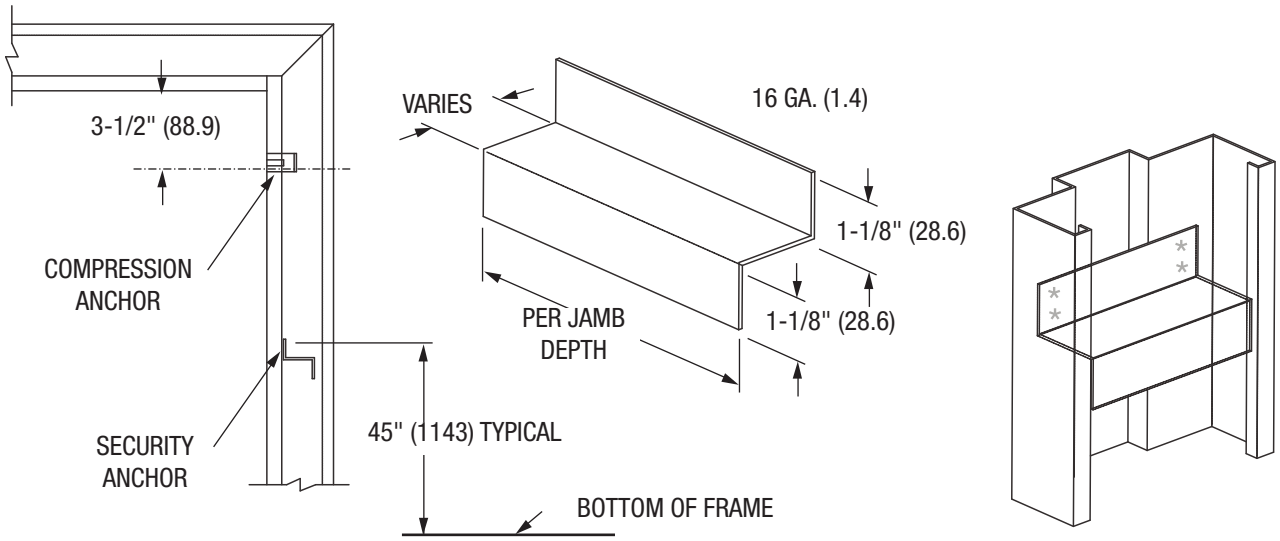


NOTE:

1) 3-1/4" (83) MIN. - 14" (356) MAX. FOR SINGLE OPENING FRAMES TO 3'6" (1067) WIDE X 7'0" (2134) HIGH
4-5/8" (118) MIN. - 14" (356) MAX. FOR SINGLE OPENING FRAMES TO 4'0" (1219) WIDE X 9'0" (2743) HIGH AND DOUBLE OPENING FRAMES TO 7'0" (2134) WIDE X 9'0" HIGH OR 8'0" (203) WIDE X 7'2" (2184) HIGH

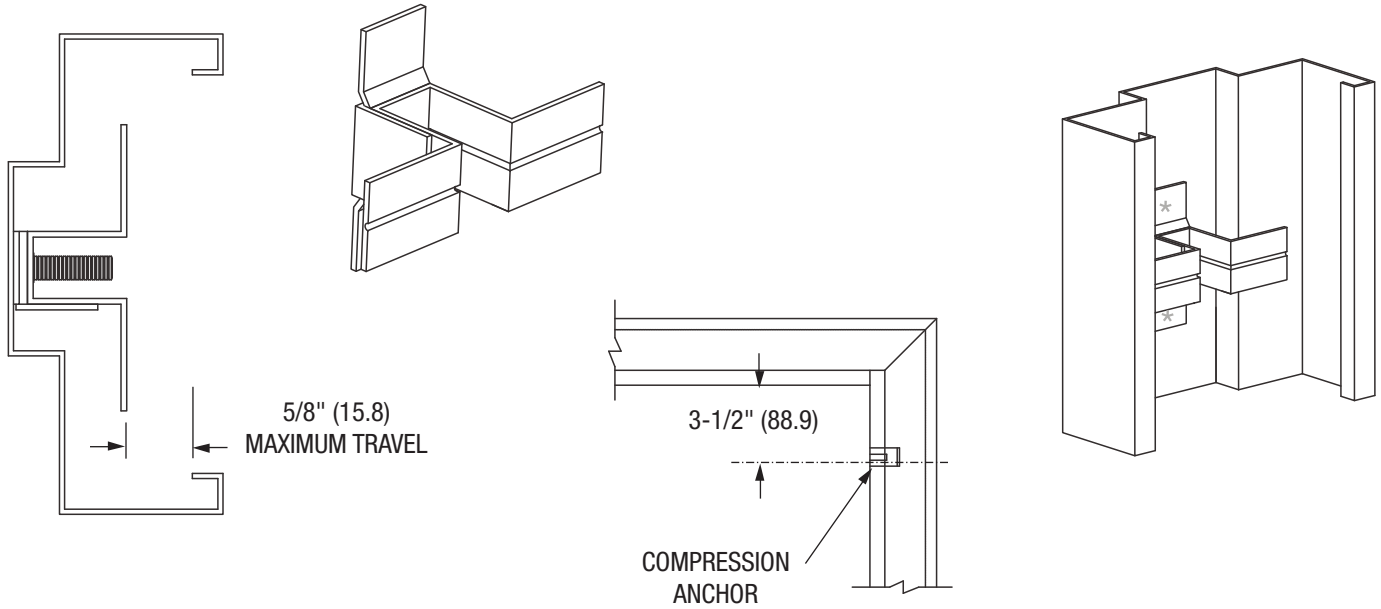
2) KD FRAMES OVER 7'2" (2136) UP TO 8' (2438.4) REQUIRE ONE SECURITY ANCHOR PER JAMB (SEE NEXT PAGE FOR DETAILS). FRAMES OVER 8' (2438.4) UP TO 9' (2743.2) REQUIRE THREE SECURITY ANCHOR IN EACH JAMB. FRAMES FOR PAIRS OF DOORS OVER 7'2" (2184.4) REQUIRE TWO SECURITY ANCHOR IN THE HEAD OF THE FRAME. ONE EACH 12" (304.8) FROM THE CENTERLINE OF THE FRAME HEAD.

ANCHOR PART NUMBER: P0028



Drywall Frame Compression Anchor

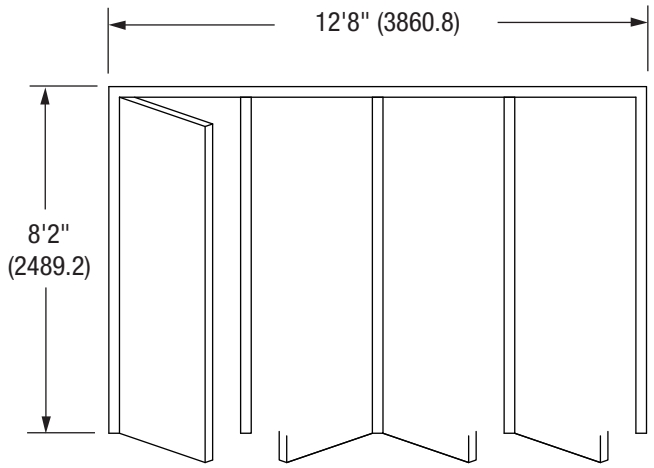
ANCHOR PART NUMBER: P0026



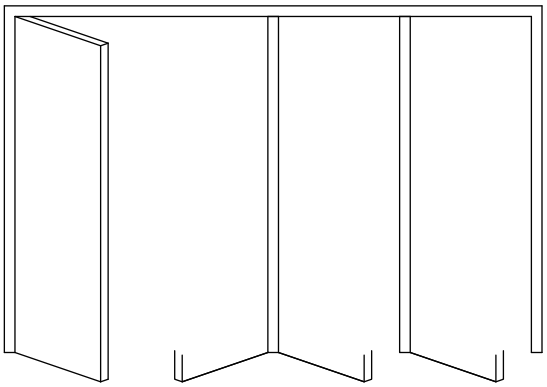
August, 2014

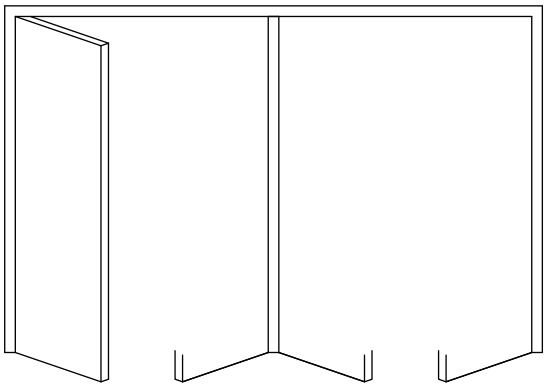
90 MINUTE MAXIMUM FIRE RATING.
ELEVATION/SECTIONS

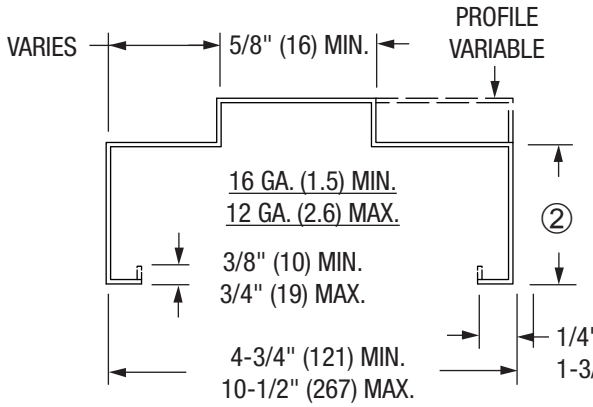
FRAME AND DOOR CONFIGURATION MAY VARY



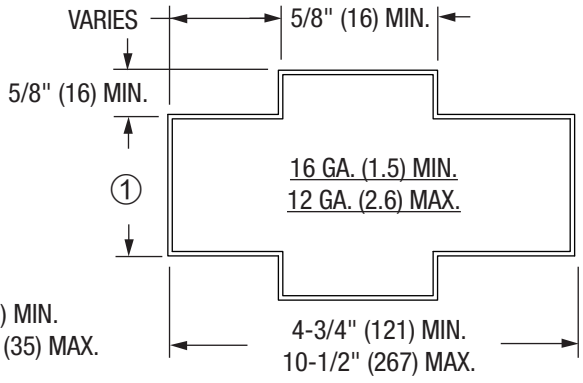
NOTES:
1) MAX. FOUR DOORS IN ANY COMBINATION OF SINGLE SWING, PAIRS, OR DOUBLE EGRESS PAIRS.
2) CURRIES MODEL 707.
3) 3/4" (19) LATCH BOLT THROW IS REQUIRED.
4) CYLINDRICAL, MORTISE, OR FIRE EXIT HARDWARE IS ACCEPTABLE.
5) WELDED CONSTRUCTION ONLY.
6) ANY LISTED WELD IN OR SLIP-IN DRYWALL OR MASONRY ANCHOR MAY BE USED IN THIS FRAME.
7) MAY BE PROVIDED AS A FOUR SIDED FRAME, REFER TO SILL ANCHOR REQUIREMENTS, SILL MUST BUTT BETWEEN VERTICAL FRAME MEMBERS.







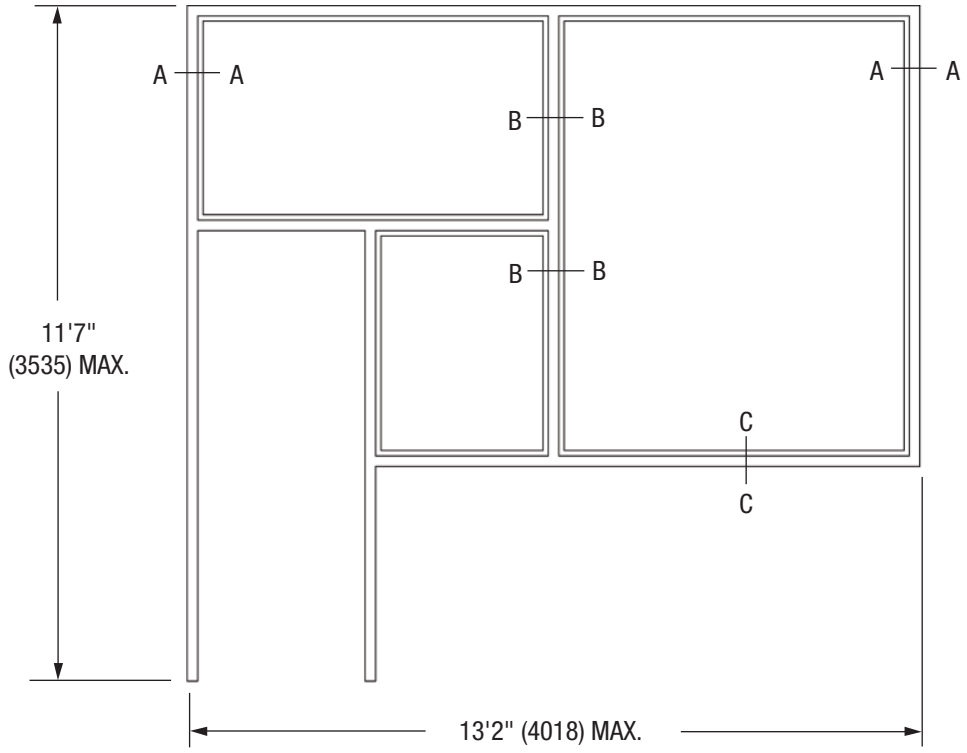
HEAD AND JAMB SECTION



① 2" (51) MIN.
4" (102) MAX.

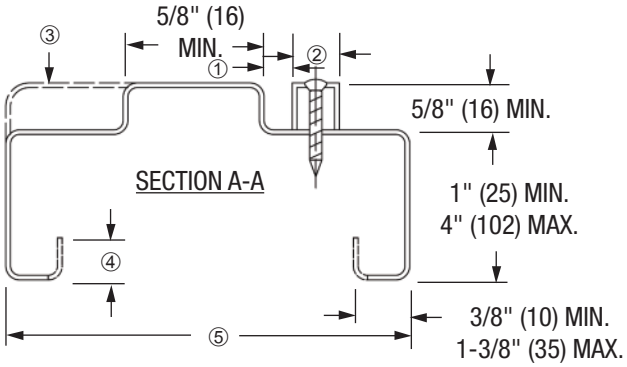
② 2" (51) MIN.
2" (51) MAX. HEAD
4" (102) MAX. JAMB

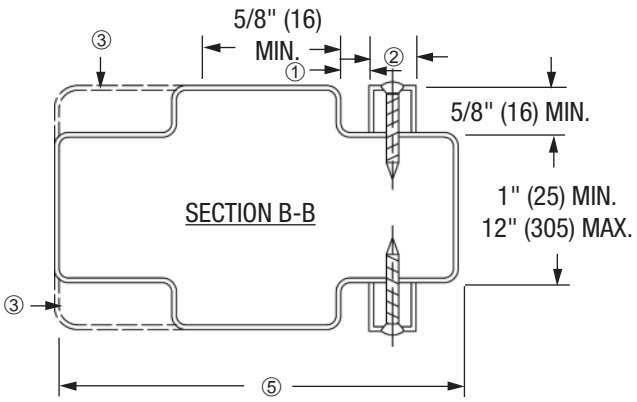
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING
ELEVATION DETAILS

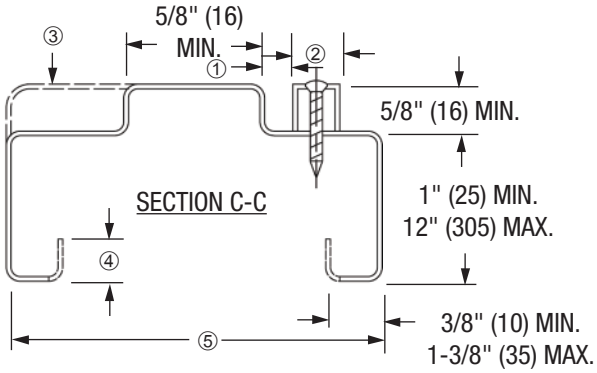


GENERAL NOTES:

① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ VARIABLE PROFILE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 4-1/2" (124) MIN.
14" (356) MAX.







Transom/Sidelite Frame

Fire Rated Products

August, 2014

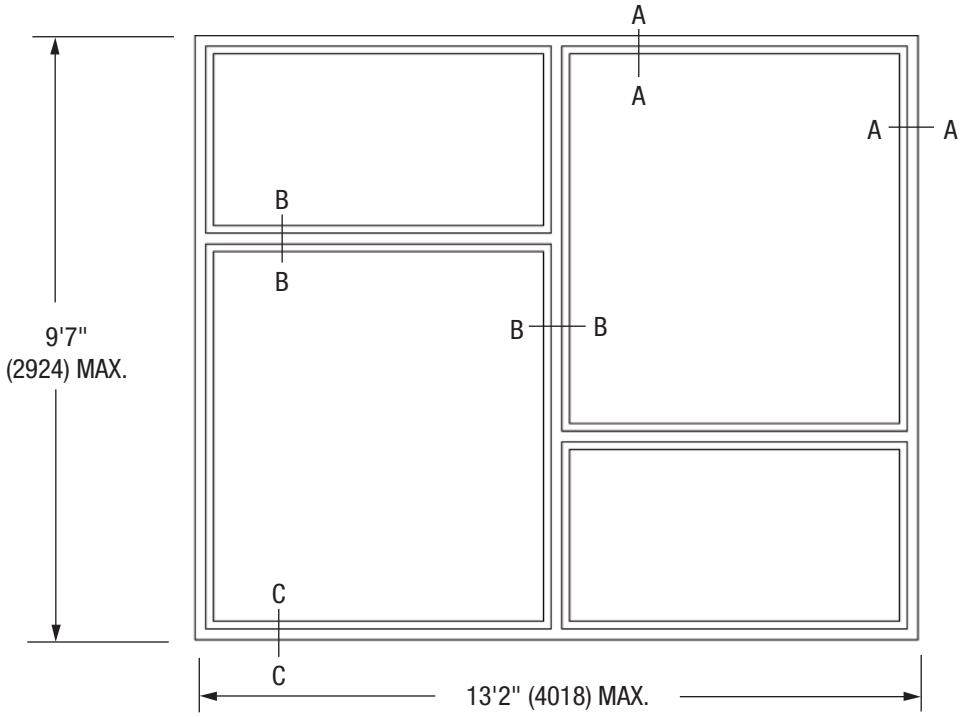
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING.	
MAXIMUM FRAME SIZE:	13'2" (4013) W X 11'7" (3531) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) W X 10'0" H PAIR — 8'0" (2438) W X 10'0" H
MAX. GLASS AREA: **SEE NOTES 1&2	5/8" (16) H X 5/8" (16) W MIN. STOP; MAX W OR H IS 109-3/4" (2788) NOT TO EXCEED 5268 SQ. IN. (3398703) OF VISIBLE GLASS
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:

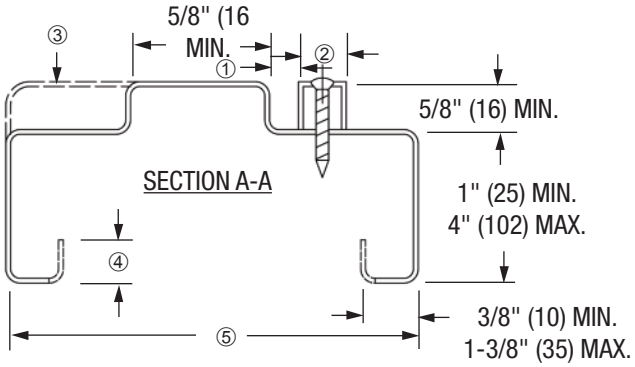
1) IF FIRE WINDOW FRAME DOES NOT EXTEND TO THE FLOOR AND IS SUSPENDED OVER A DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" (762) OF LENGTH OR FRACTION THEREOF.

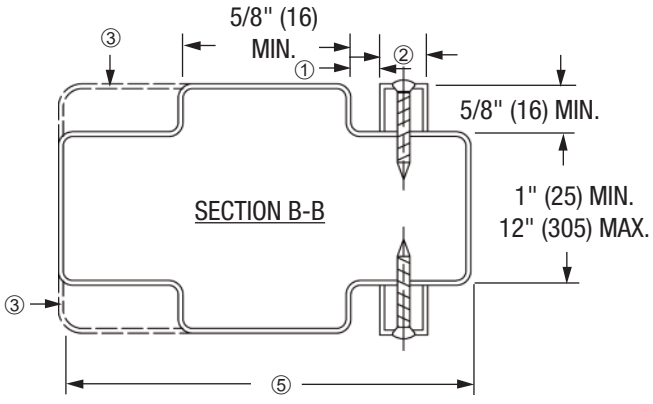
2) THE CONFIGURATION OF TRANSOM AND LIGHT AREAS MAY VARY! ONLY LISTED GLAZING MATERIALS MAY BE USED IN THIS FRAME. SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.

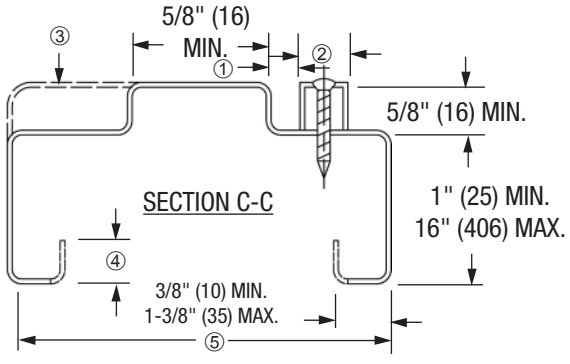
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING
ELEVATION/SECTIONS DETAIL



GENERAL NOTES:
① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ VARIABLE PROFILE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 4-1/2" (124) MIN.
14" (356) MAX.







Fire Window Frame

Fire Rated Products

August, 2014

20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING.	
MAXIMUM FRAME SIZE:	13'2" (4013) W X 9'7" (2924) H
MAXIMUM GLASS AREAS	5/8" (16) H X 5/8" (16) W MIN. STOP; MAX. W OR H IS 109-3/4" (2788); NOT TO EXCEED 5268 SQ. IN. (3398703) VISIBLE GLASS SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:

1) IF THE FIRE WINDOW FRAME DOES NOT EXTEND TO THE FLOOR AND IS SUSPENDED OVER A DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" (762) OF LENGTH OR FRACTION THEREOF.

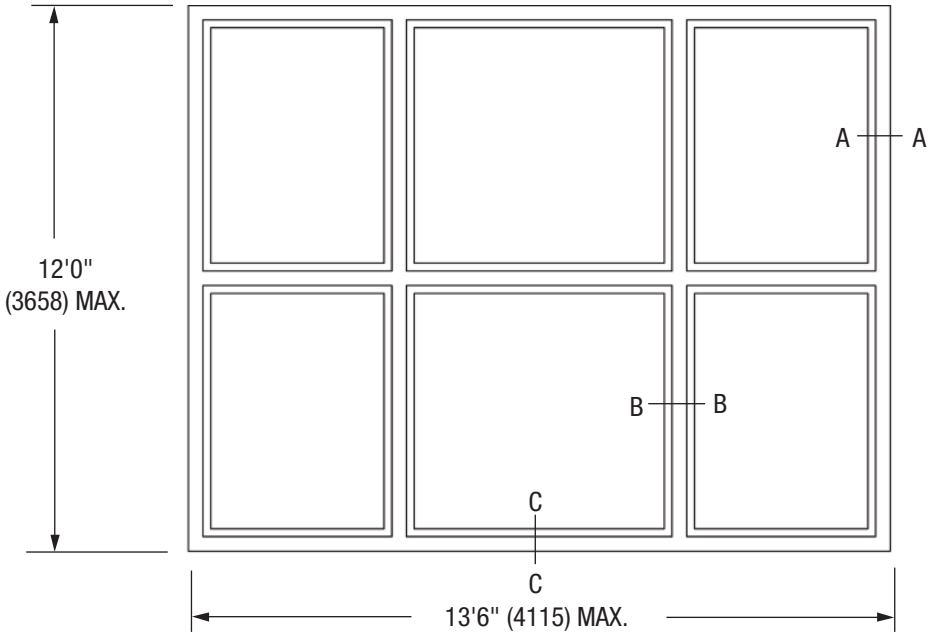
2) THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY. ONLY LISTED GLAZING MATERIALS MAY BE USED IN THIS FRAME.

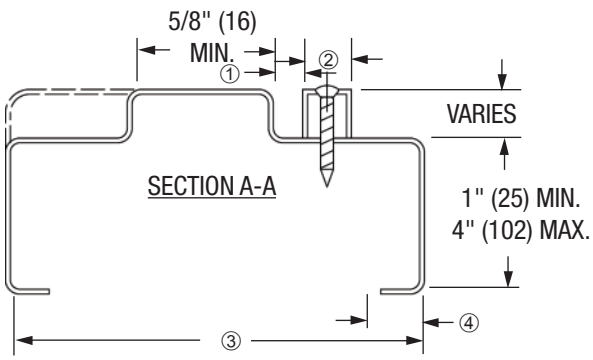
3) THE AUTHORITY HAVING JURISDICTION SHOULD REVIEW THE USE OF A FIRE WINDOW FRAME WITH A 20 MINUTE - WITHOUT HOSE STREAM RATING.

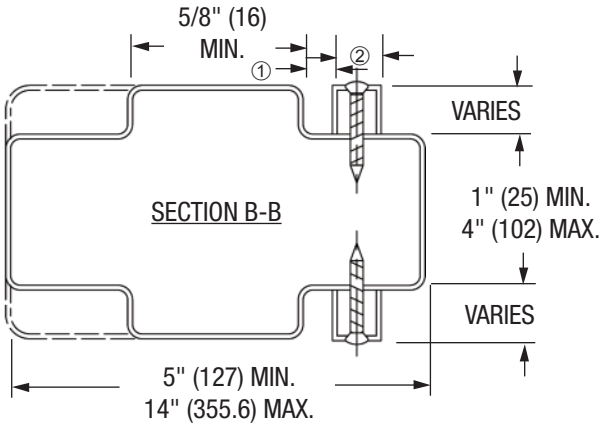
4) GLASS STOP SCREW SPACING #8 OVAL HEAD SHEET METAL SCREW 2" FROM EACH END AND 12" (304.8) ON CENTER MAX.

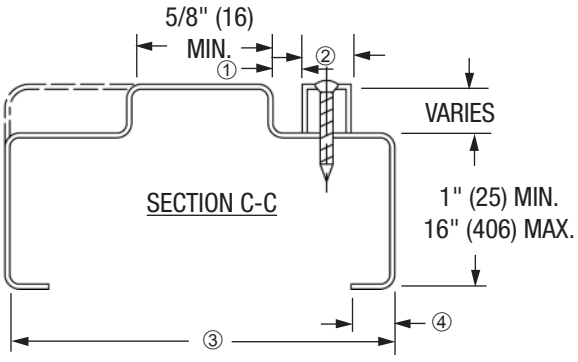
5) GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.

90 MINUTE MAXIMUM RATING
IN MASONRY WALLS ONLY
ELEVATION/SECTIONS DETAIL









GENERAL NOTES:
① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ 5" (127) MIN.
14" (356) MAX.
④ 3/8" (10) MIN.
1-3/8" (35) MAX.

Fire Window Frame (Masonry Walls Only)

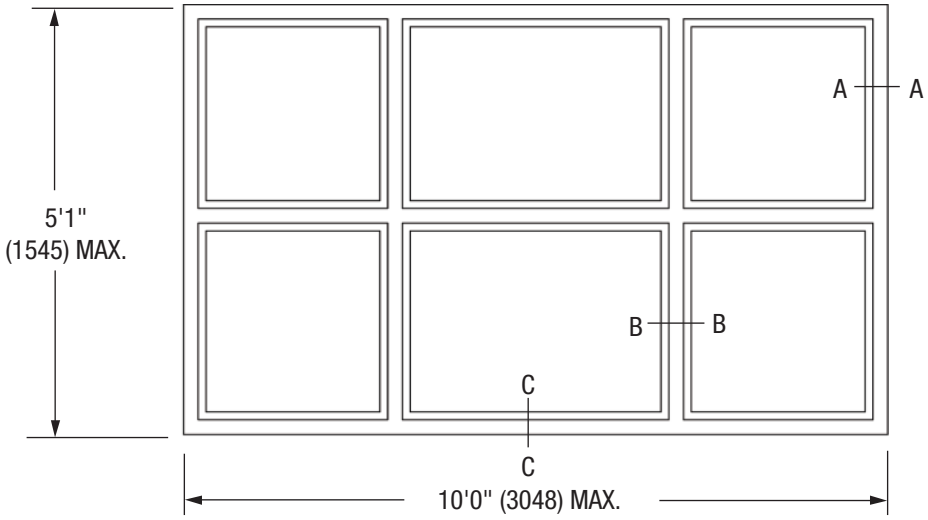
Fire Rated Products

August, 2014

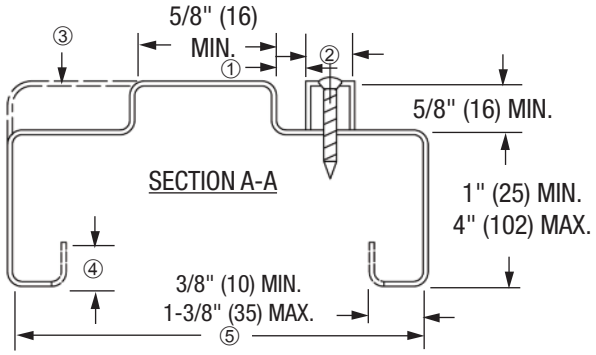
90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13'6" (4115) W X 12'0" (3658) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR GLASS OPTIONS.
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

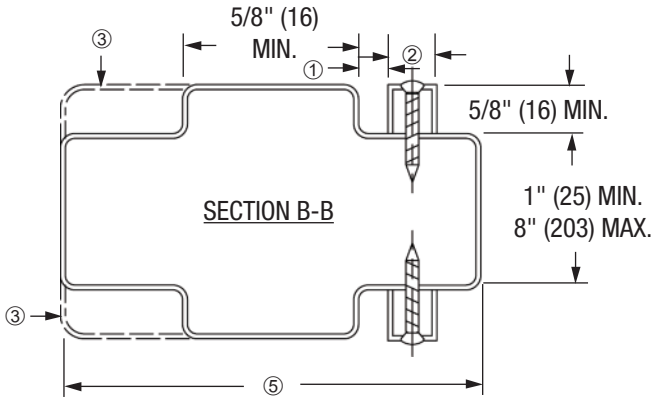
NOTE:
1) GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (304.8) ON CENTER
2) THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY.
3) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
4) GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.

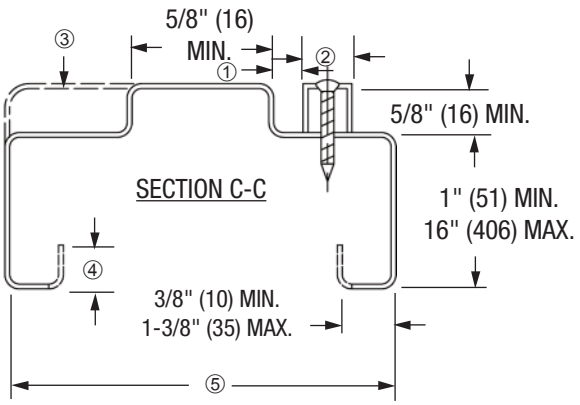
90 MINUTE MAXIMUM RATING
DRYWALL WALLS ELEVATION/SECTIONS DETAIL



GENERAL NOTES:
① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ VARIABLE PROFILE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 4-1/2" (114) MIN.
14" (356) MAX.







Fire Window Frame

Fire Rated Products

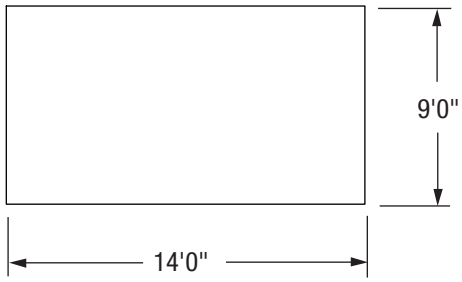
October, 2008

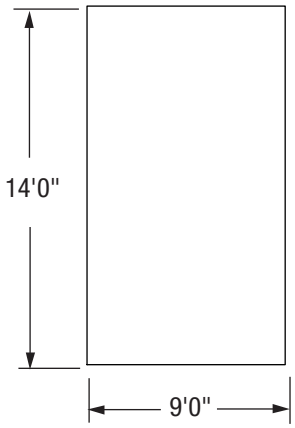
90 MINUTE MAXIMUM RATING	
OVERALL FRAME SIZE:	10'0" (3048) W X 5'1" (1549) H; FOR USE IN DRYWALL WALLS.
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR GLASS OPTIONS.
WALL CONSTRUCTION:	DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL ANCHOR

NOTE:
1) IF FIRE WINDOW FRAME IS INSTALLED OVER DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" (762) OF SILL LENGTH.
2) STOP HEIGHT EXTENDER MAY BE USED ON THESE FRAMES.
3) GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (304.8) ON CENTER.
4) THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY.
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.

FRAMES WELDED AT CURRIES:

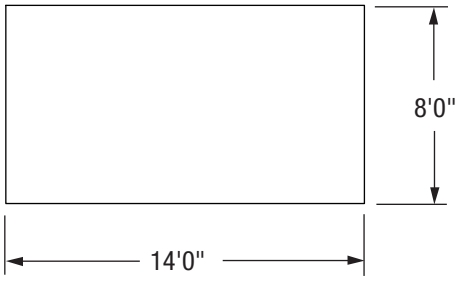
PROVIDE FIELD SPLICES FOR FRAMES THAT EXCEED SIZE SHOWN.

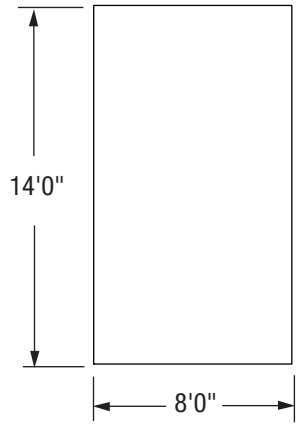




FIELD SPLICING BRACKETS ON WELDED FRAMES WILL BE PROVIDED.
SEE NEXT PAGE FOR SPLICE EXAMPLES.

FRAMES WELDED AT SERVICE CENTERS:





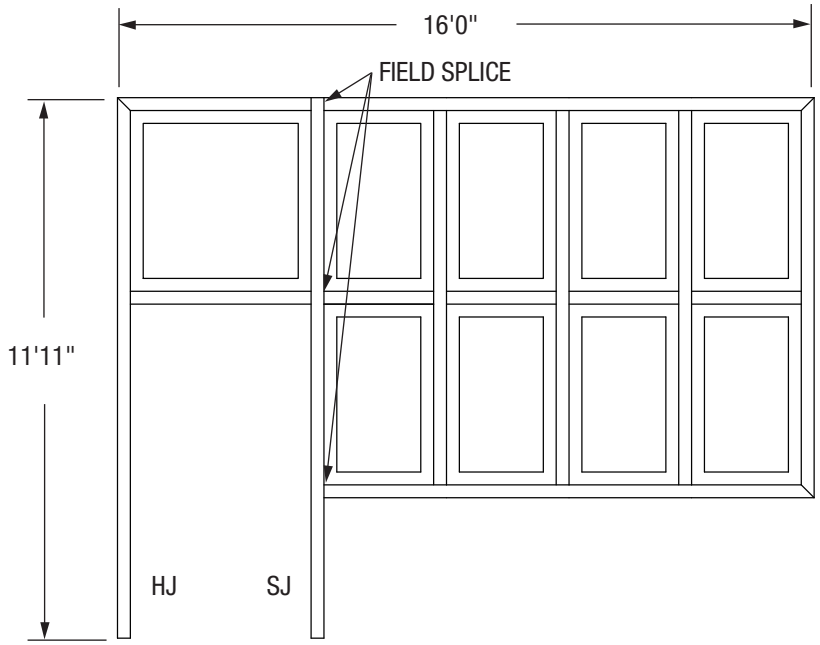
FIELD SPLICING BRACKETS ON WELDED FRAMES WILL BE PROVIDED.
SEE NEXT PAGE FOR SPLICE EXAMPLES.

Field Splice Frame

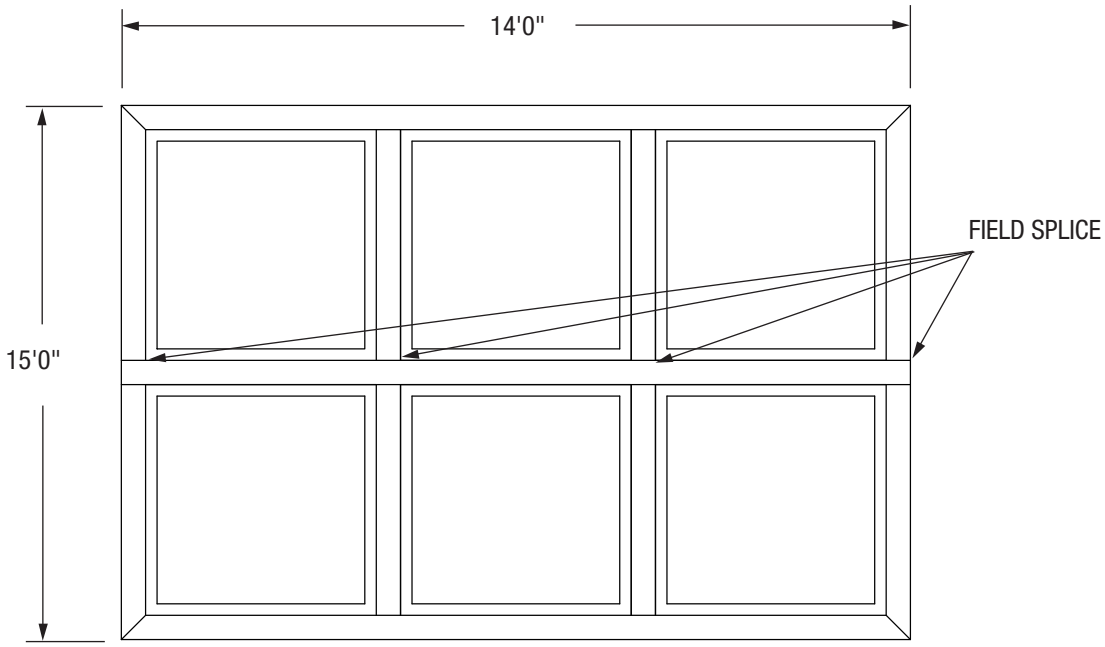
Fire Rated Products

April, 2002

FRAMES WELDED AT CURRIES:

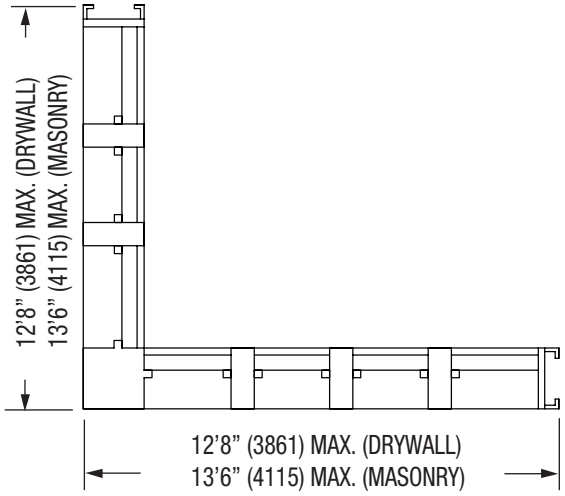


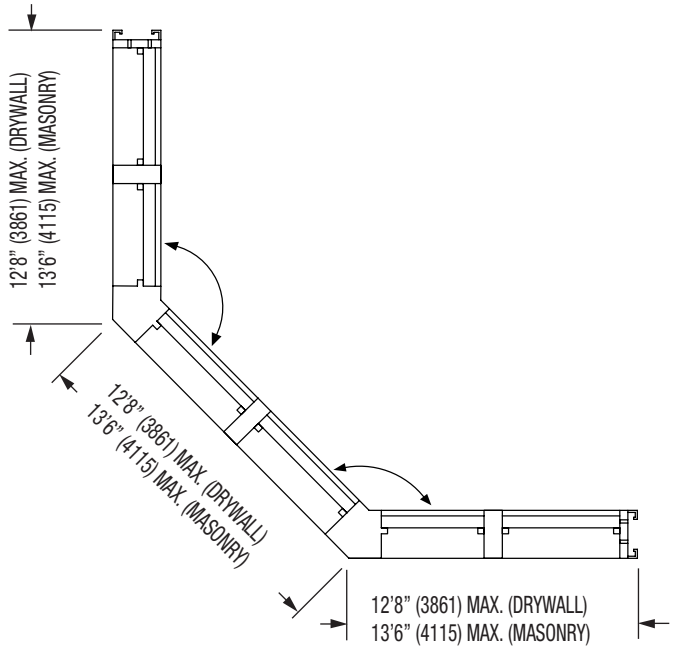
FIELD SPLICE SLEEVES, WILL BE APPLIED TO STRIKE JAMB, ONE FOR EACH ATTACHING HORIZONTAL RAIL.

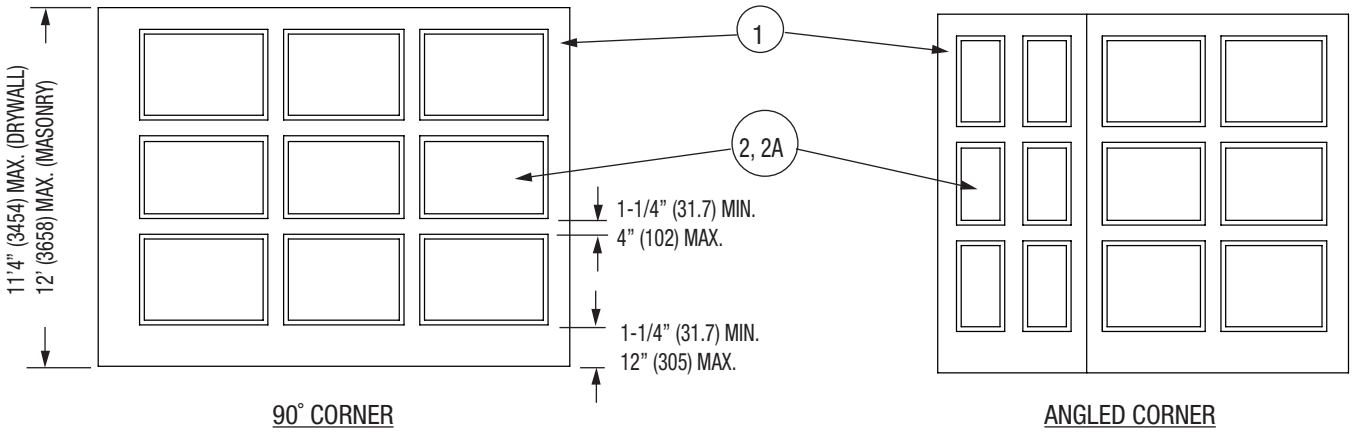


FIELD SPLICE SLEEVES, WILL BE APPLIED TO HORIZONTAL MULLION, ONE FOR EACH ATTACHING VERTICAL RAIL.

ASSEMBLY NO. WA-3-01
FIRE RATINGS - 60 MINUTE
MEETS THE CRITERIA OF STANDARD UL 9 (2000) AND UBC STANDARD 7-4, (1997)



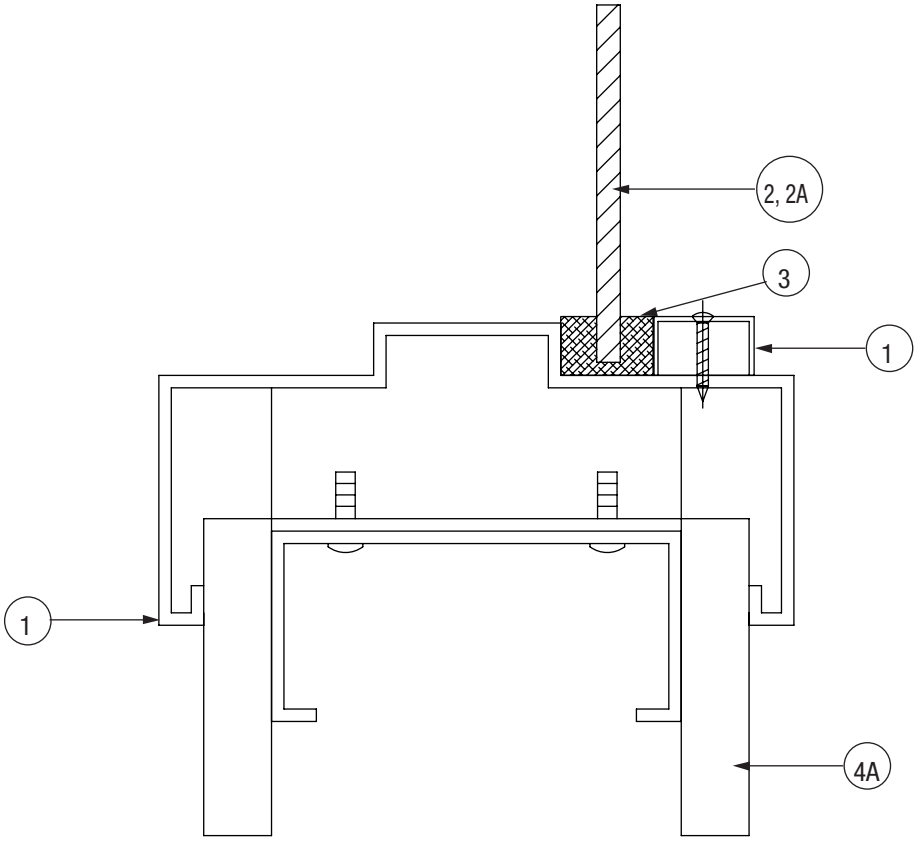




Fire Window Frame Bow Window

Fire Rated Products

May, 2015



CROSS SECTION

1. **FIRE WINDOW FRAME +** THE FRAME IS TO BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDED INSTALLATION PRACTICES PRESENTED IN NFPA 80, “FIRE-RATED HOLLOW METAL DOORS AND WINDOWS,” AND NAAMM STANDARD 850-00, “FIRE-RATED HOLLOW METAL DOORS AND FRAMES.” THE WINDOW FRAME MAY INCLUDE A DOOR FRAME THAT IS PART OF A FIRE RATED DOOR ASSEMBLY HAVING A MIN. 60 MINUTE RATING. THE BASIC FRAME CONSTRUCTION AND LIMITATIONS ARE AS FOLLOWS:

   A) OPENING SIZE-MAXIMUM WALL OPENING SIZE SHALL BE 152 IN. FOR GYPSUM WALLBOARD CONSTRUCTION AND 162 IN. FOR MASONRY CONSTRUCTION. FRAME PROJECTION FROM FACE OF WALL SHALL NOT EXCEED THE MAX. ALLOWABLE OPENING WIDTH.

   B) MULLION AND JAMB FACE DIMENSIONS 1-1/4 MIN. – 4 IN. MAX. SILL FACE DIMENSION 1-1/4 IN. MIN. - 12 IN. MAX.

   C) THE FRAME IS TO BE PROVIDED WITH ANCHORS SUITABLE FOR THE WALL CONDITIONS IN ACCORDANCE WITH NAAMM STANDARD 850-00.

   D) THE INSIDE ANGLE BETWEEN FRAME SEGMENTS MAY VARY. INSIDE ANGLES OF 90˚ AND 135˚ ARE SHOWN IN THE ILL. FRAME CURVATURE TO BE CONTINUOUS OR SEGMENTED.

   E) SPLICES - THE FRAME MAY BE PROVIDED WITH SPLICES FOR SHIPMENT PURPOSES.

2) **GLAZING MATERIALS*** 1/4 IN. THICK WIRED GLASS. SEE GLAZING MATERIALS CATEGORY (KCMZ) FOR NAMES OF CLASSIFIED COMPANIES AND THE MAXIMUM SIZE OF GLAZING MATERIAL. GLAZING MATERIAL SHALL HAVE A MINIMUM RATING OF 3/4 HR.

2A) **GLAZING MATERIALS (ALTERNATE)*** AS AN ALTERNATE TO WIRED GLASS, THE FOLLOWING GLAZING MATERIALS MAY BE USED. SEE GLAZING MATERIALS (KCMZ) FOR THE MAXIMUM SIZE OF GLAZING MATERIAL. GLAZING MATERIAL SHALL HAVE A MINIMUM RATING OF 3/4 HR.

NIPPON ELECTRIC GLASS CO LTD - NON-WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU

MESTEK CO.

ANEMOSTAT PRODUCTS - NON-WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU

TECHNICAL GLASS PRODUCTS - NON WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU

3) **GLAZING COMPOUND*** GLAZING COMPOUND SHALL COMPLETELY FILL THE GLAZING POCKET WITH A MIN. THICKNESS OF 1/16 IN. BETWEEN THE GLAZING AND THE FRAME. SEE GLAZING MATERIALS CATEGORY (KCMZ) FOR NAMES OF GLAZING COMPOUNDS TO BE USED WITH GLAZING MATERIALS (ITEM 2).

4) **WALL CONSTRUCTION** MASONRY OR DRYWALL CONSTRUCTION (STEEL STUD GYPSUM WALLBOARD WALL SHOWN).

A) **GYPSUM WALLBOARD** THE ONE HOUR MINIMUM FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY. THE FIRE WINDOW FRAME IS ANCHORED TO THE STEEL STUDS OR WOOD STUDS USING THE APPROPRIATE ANCHORS SHIPPED WITH THE FRAME. WHERE FRAME IS ADJACENT TO GYPSUM WALL BOARD ASSEMBLY, THE OPENING IS TO BE FRAMED WITH DOUBLE STUDS. GYPSUM WALLBOARD TO BE INSERTED INTO THE FRAME THROAT 1/2 IN. MINIMUM.

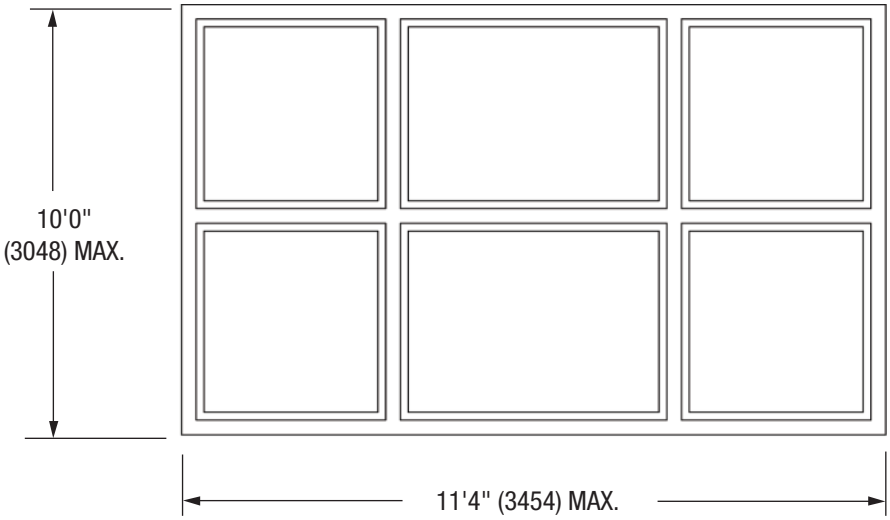
B) **MASONRY** FRAME TO BE INSTALLED INTO MASONRY CONSTRUCTION (BRICK CONCRETE BLOCK) WITH A ONE-HOUR MINIMUM FIRE RATING USING MASONRY TYPE ANCHORS.

+BEARING THE UL LISTING MARK.
*BEARING THE UL CLASSIFICATION MARK.

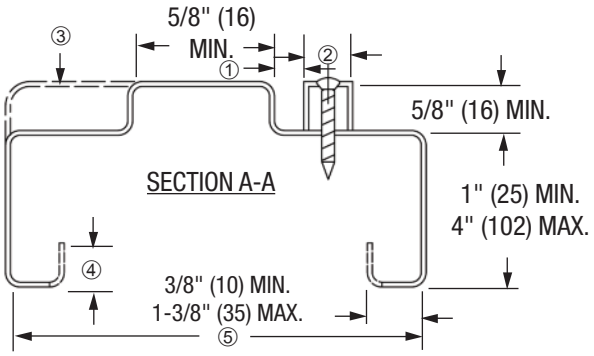
Fire Window Frame (Drywall Walls with Non Combustible Sill)

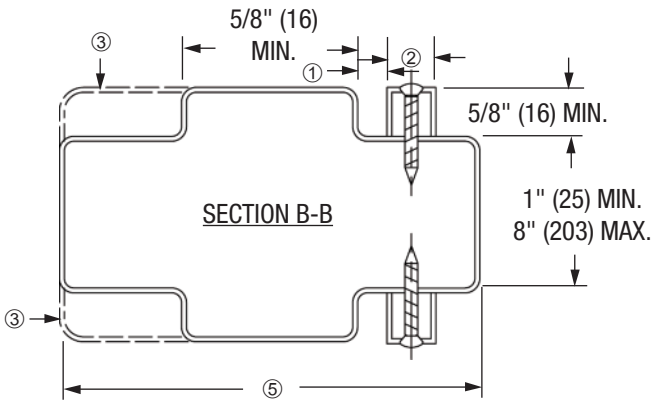
August, 2014

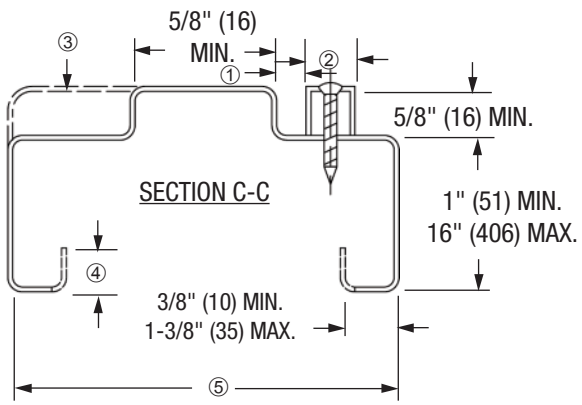
90 MINUTE MAXIMUM RATING
DRYWALL WALLS WITH NONCOMBUSTIBLE SILL
ELEVATION/SECTIONS DETAIL



GENERAL NOTES:
① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ VARIABLE PROFILE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 4-1/2" (114) MIN.
14" (356) MAX.







CURRIES
ASSA ABLOY

Fire Window Frame (Drywall Walls with Non Combustible Sill)

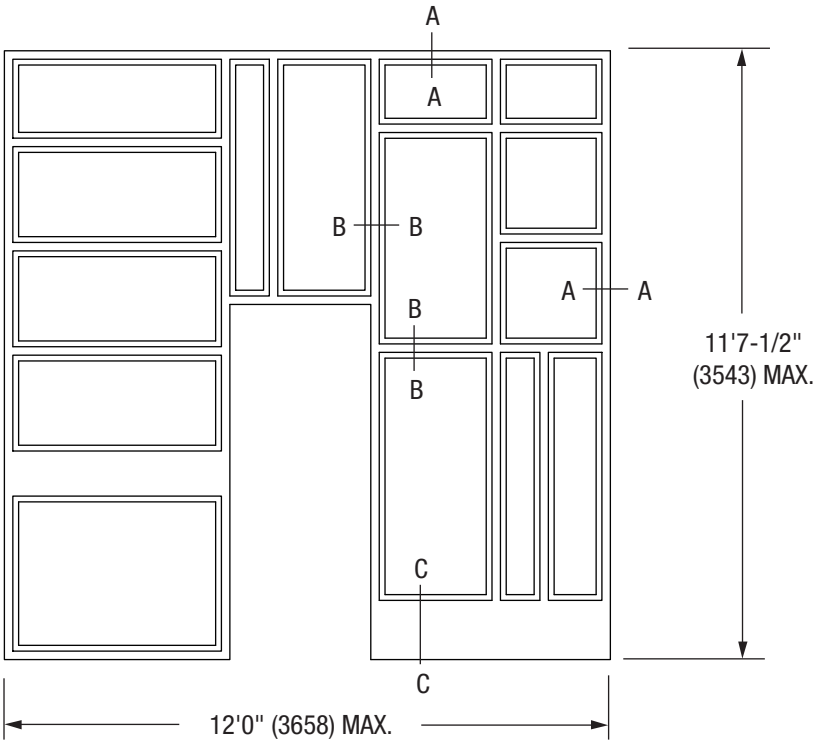
Fire Rated Products

August, 2014

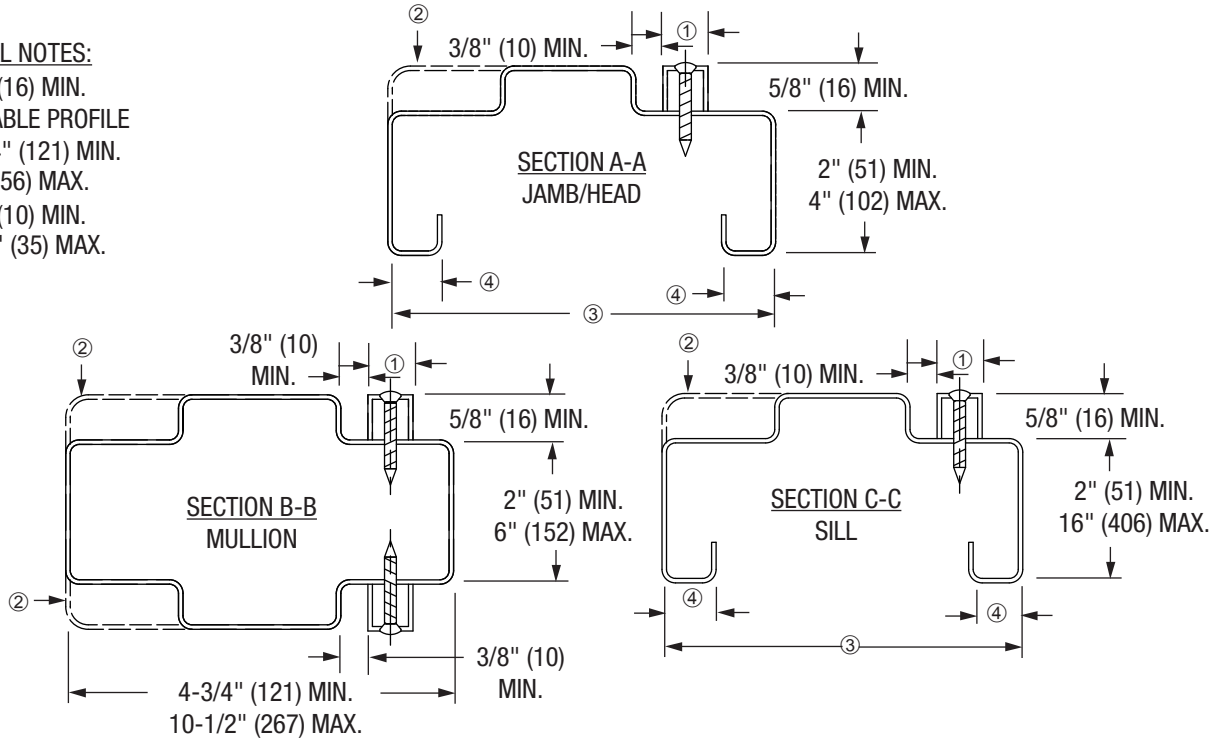
90 MINUTE MAXIMUM RATING	
OVERALL FRAME SIZE:	11'4" (3454) W X 10'0" (3048) H; FOR USE IN DRYWALL WALLS WITH A NON-COMBUSTIBLE MASONRY OR CONCRETE SILL.
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	DRYWALL WITH NON-COMBUSTIBLE SILL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:
1) GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (304.8) ON CENTER
2) THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY.
3) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
4) GLASS STOP EXTENDERS MAY BE USED WITH THIS FRAME.
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.

45 MINUTE MAXIMUM RATING IN DRYWALL WALLS
ELEVATION DETAILS



GENERAL NOTES:
① 5/8" (16) MIN.
② VARIABLE PROFILE
③ 4-3/4" (121) MIN.
14" (356) MAX.
④ 3/8" (10) MIN.
1-3/8" (35) MAX.

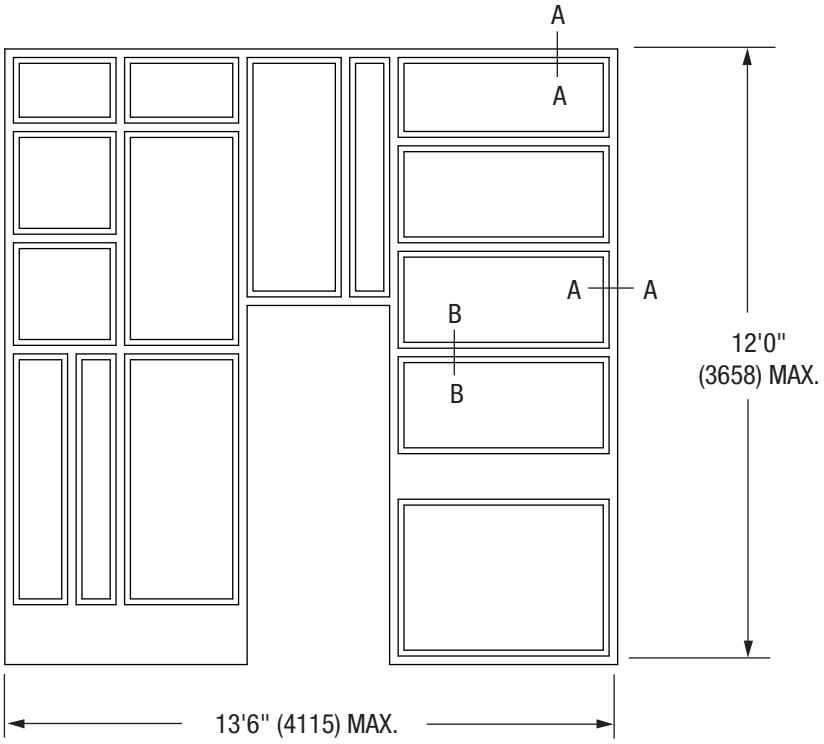


45 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	12'0" (3658) W X 11'7-1/2" (3543) H.
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) X 10'0" (3048) PAIR — 8'0" (2438) X 10'0"(3048)
MAX. GLASS AREA:	FOR LISTED 1/4" WIRED GLASS 5/8" (16) H X 5/8" (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 54" (1372) NOT TO EXCEED 1296 (836127) SQUARE INCHES OF VISIBLE GLASS. MUST USE LISTED GLAZING COMPOUND OR 100% SILICON. FOR PEMKO FG3000 WITH 1/4" WIRED PILKINGTON GLASS: 5/8" (16) H 5/8" (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 106" (2692) NOT TO EXCEED 4704 SQ. IN. SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.
WALL CONSTRUCTION:	DRYWALL ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

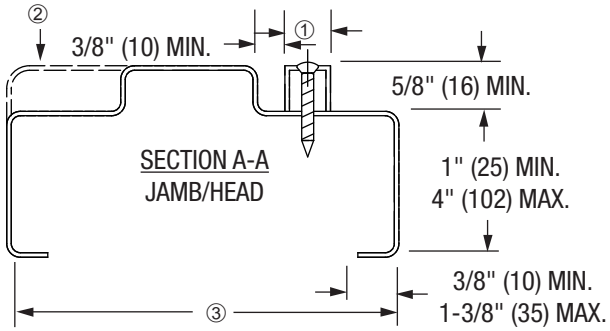
NOTE:
1) THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.
2) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
3) GLASS STOP SCREW SPACING IS 2" (51) FROM EACH END AND 12" (304.8) ON CENTER.

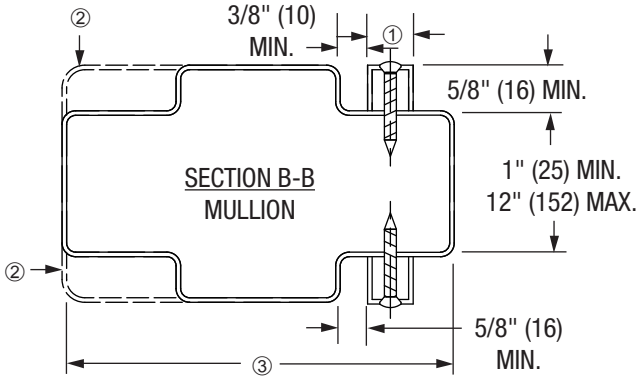
August, 2014

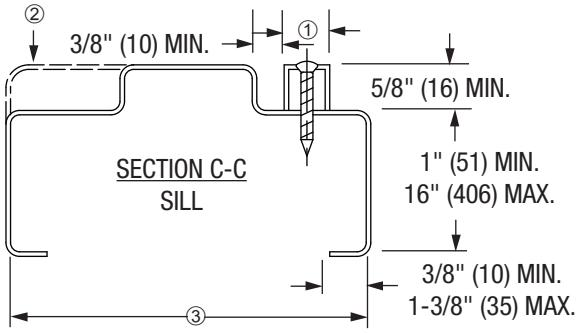
45 MINUTE MAXIMUM RATING IN MASONRY WALLS
ELEVATION DETAILS



GENERAL NOTES:
① 5/8" (16) MIN.
② VARIABLE PROFILE
③ 4-3/4" (121) MIN.
14" (356) MAX.







45 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13'6" (4115) W X 12'0" (3658) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) X 10'0" (3048) PAIR — 8'0" (2438) X 10'0"(3048)
MAX. GLASS AREA:	FOR LISTED 1/4" WIRED GLASS 5/8" (16) H X 5/8" (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 54" (1372) NOT TO EXCEED 1296 (836127) SQUARE INCHES OF VISIBLE GLASS. MUST USE LISTED GLAZING COMPOUND OR 100% SILICON. FOR PEMKO FG3000 WITH 1/4" WIRED PILKINGTON GLASS: 5/8" (16) H 5/8" (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 106" (2692) NOT TO EXCEED 4704 SQ. IN. SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.
WALL CONSTRUCTION:	MASONRY ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

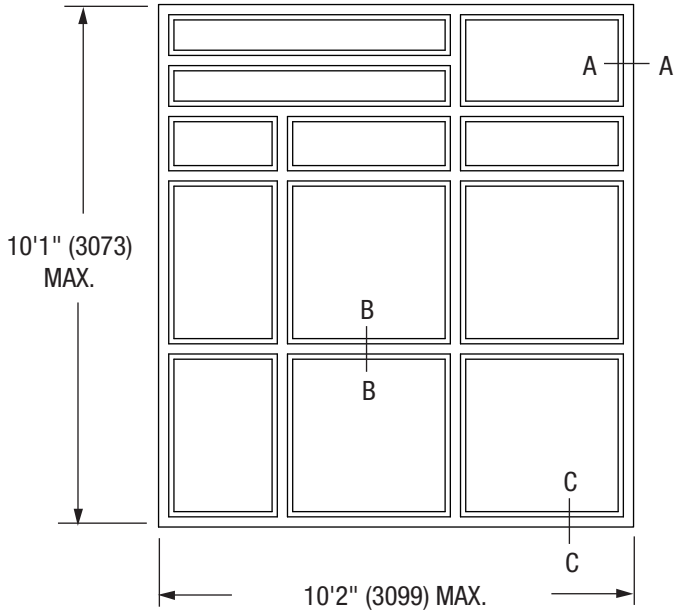
NOTE:
1) THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.
2) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
3) GLASS STOP SCREW SPACING IS 2" (51) FROM EACH END AND 12" (304.8) ON CENTER.

CURRIES
ASSA ABLOY

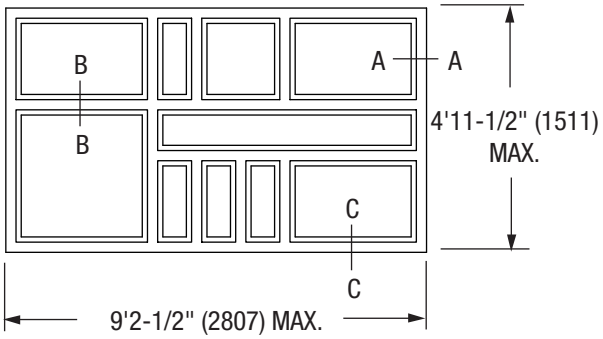
August, 2014

60 MINUTE MAXIMUM RATING
ELEVATION/SECTION DETAILS

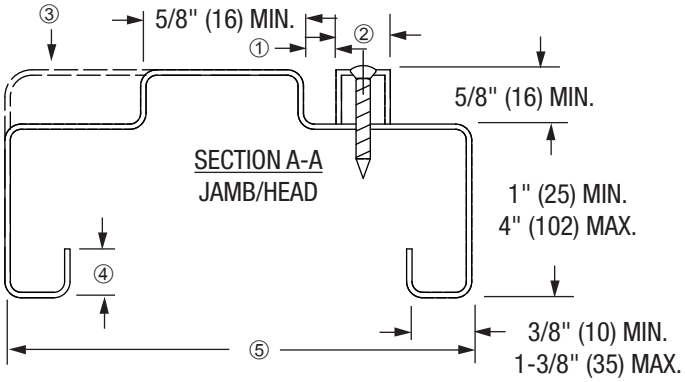
MASONRY ELEVATION

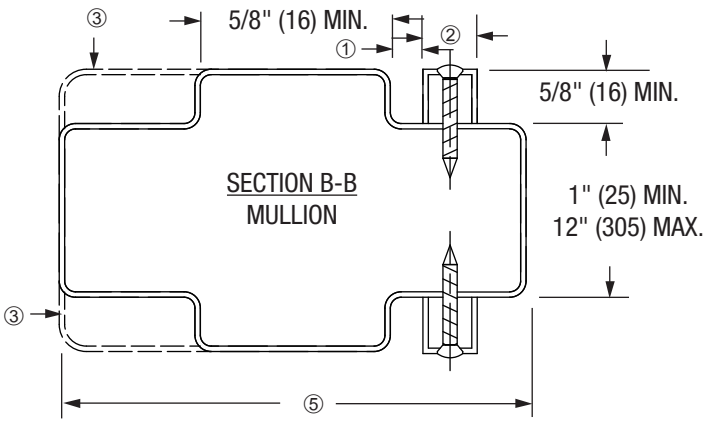


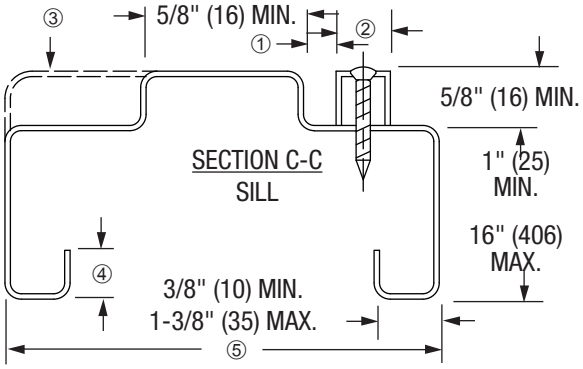
DRYWALL ELEVATION



GENERAL NOTES:
① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ VARIABLE PROFILE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 4-7/8" (124) MIN.
14" (356) MAX.

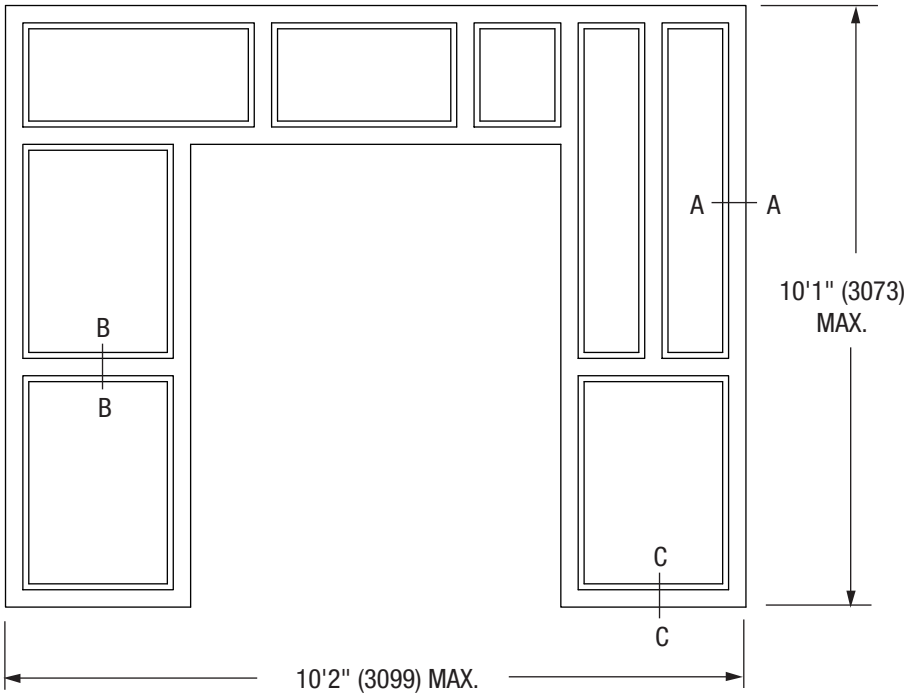




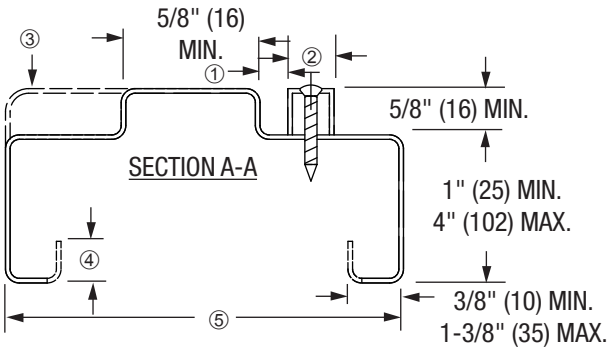


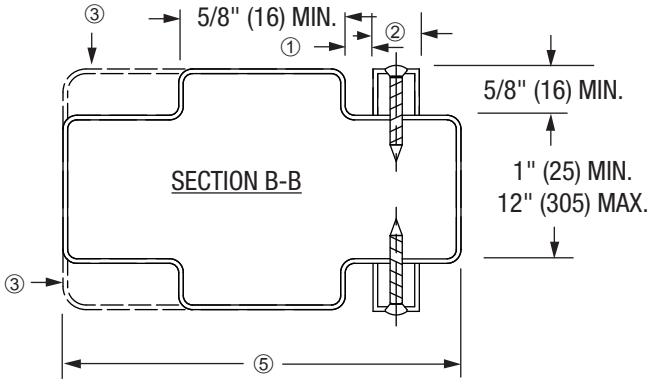
60 MINUTE MAXIMUM RATING	
OVERALL FRAME SIZE:	A) 10'2" (3099) W X 10'1" (3073) H; FOR USE IN EITHER MASONRY WALLS OR DRYWALL WALLS WITH A NON-COMBUSTIBLE SILL. B) 9'2-1/2" (2807) W X 4'11-1/2" (1511) H; FOR USE IN EITHER MASONRY WALLS OR DRYWALL WALLS WITH A DRYWALL SILL.
MAX. GLASS AREA:	5/8" (16) H X 5/8" (16) W GLASS STOP; MAX. WIDTH: 54" (1372); MAX. HEIGHT: 77-3/4" (1975) 2721 SQ. INCHES (1755480) OF VISIBLE GLASS. - GLAZING MATERIAL: 3/16" (5) THICK "FIRELITE" OR 5/16" (8) THICK "FIRELITE PLUS" GLASS ONLY! - GLAZING COMPOUNDS: 100% SILICON, DAP "33", OR METACAULK 990.
WALL CONSTRUCTION:	DRYWALL OR MASONRY
FRAME CONSTRUCTION:	WELDED JOINTS ONLY!
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 14 GA. (1.9) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
NOTE: 1) IF FIRE WINDOW FRAME IS INSTALLED OVER DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" (762) OF SILL LENGTH OR FRACTION THEREOF. 2) GLASS STOP SCREW SPACING: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (304.8) ON CENTER.	

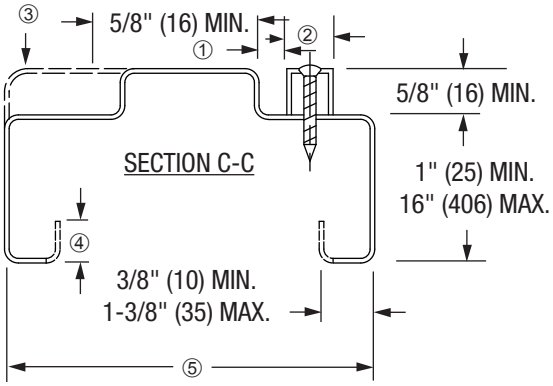
60 MINUTE MAXIMUM RATING
ELEVATION DETAILS



GENERAL NOTES:
① 3/8" (10) MIN. GLASS POCKET
② 5/8" (16) MIN.
③ VARIABLE PROFILE
④ 3/8" (10) MIN.
3/4" (19) MAX.
⑤ 4-7/8" (124) MIN.
14" (356) MAX.







60 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	10'2" (3099) W X 10'1" (3073) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
MAX. GLASS AREA: **SEE NOTES 1 & 2	5/8" (16) H X 5/8" (16) W GLASS STOP; MAX. WIDTH: 54" (1372); MAX. HEIGHT: 77-3/4" (1975) 2721 SQ. INCHES (1755480) OF VISIBLE GLASS.
WALL CONSTRUCTION:	DRYWALL OR MASONRY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

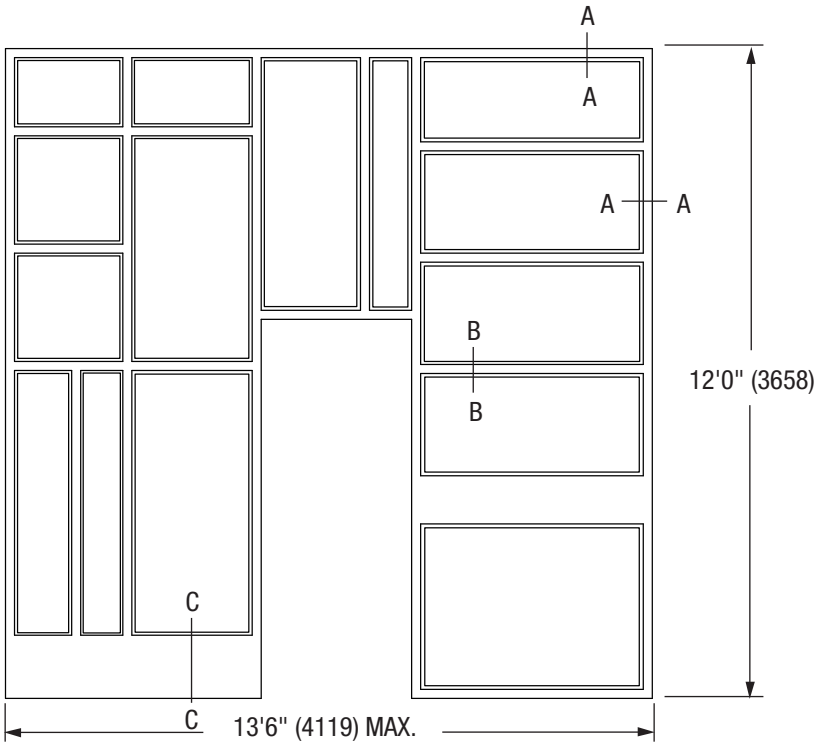
NOTE:
1) GLAZING MATERIAL SHALL BE “FIRELITE” GLASS ONLY.
2) GLAZING COMPOUNDS ARE EITHER 100% SILICON, DAP, “33”, OR METACAULK 990.
3) IF SIDELIGHT IS INSTALLED OVER DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30 INCHES (762) OF SILL LENGTH OR FRACTION THEREOF.
4) GLASS STOP SCREW SPACING: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (304.8) ON CENTER.

Transom/Sidelite Frame (Masonry Walls Only)

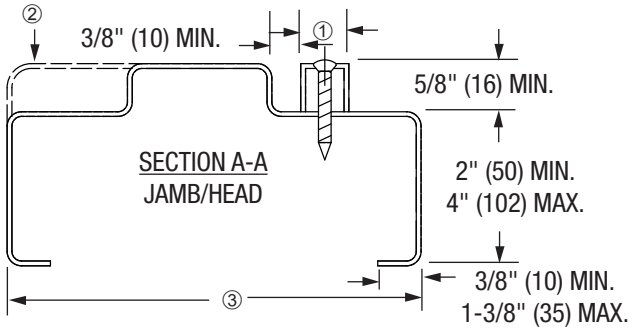
Fire Rated Products

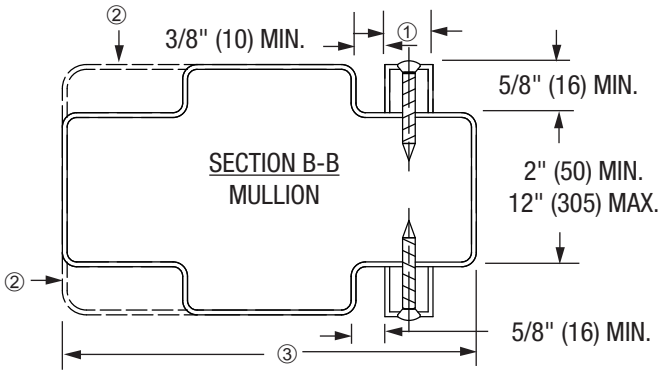
August, 2014

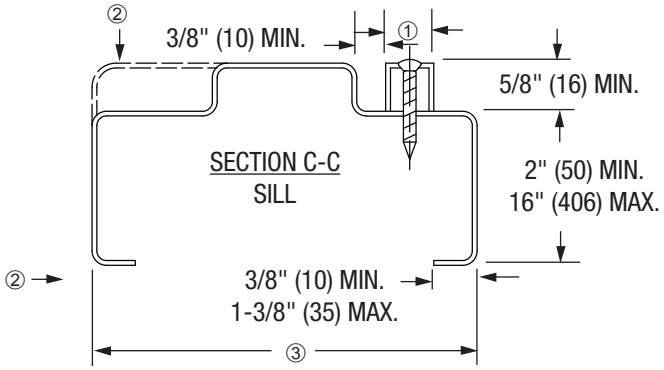
90 MINUTE MAXIMUM RATING IN MASONRY WALL
ELEVATION/SECTION DETAILS



GENERAL NOTES:
① 5/8" (16) MIN.
② VARIABLE PROFILE
③ 4-3/4" (121) MIN.
14" (356) MAX.







CURRIES
ASSA ABLOY

Transom/Sidelite Frame (Masonry Walls Only)

Fire Rated Products

August, 2014

90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13'6" (4013) W X 12'0" (3632) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	MASONRY ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4" (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96" (2438) W X 48" (1219) H 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96" (2438) W X 48" (1272) H ANY LISTED MANUFACTURER'S WOOD PANEL
SIDE PANELS	1-3/4" (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

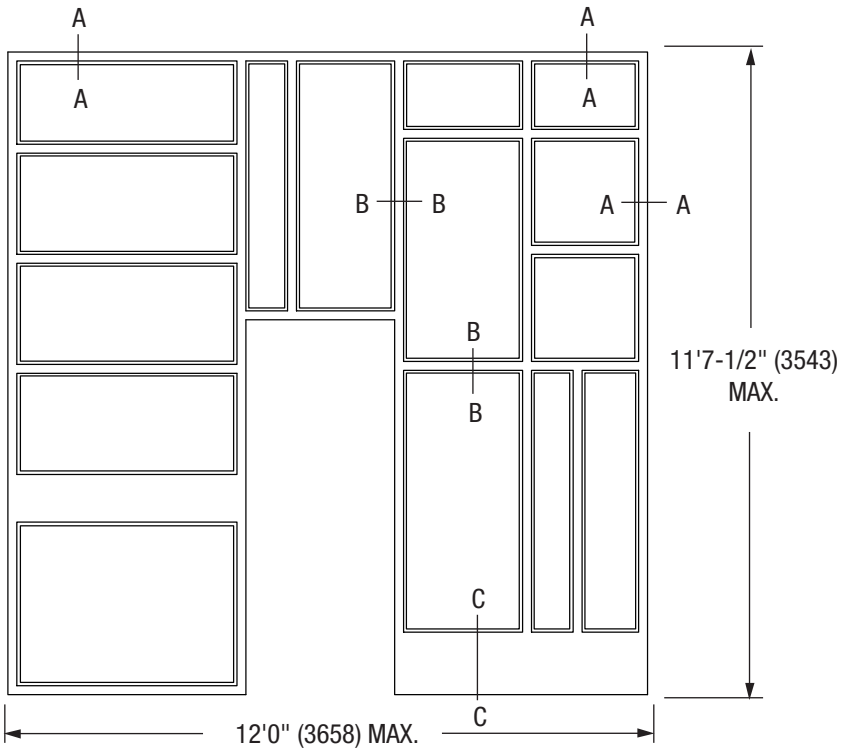
NOTE:
1) THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.
2) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
3) GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2" (50) FROM EACH END AND 12" (304.8) ON CENTER MAX.
4) STOP EXTENDERS MAY BE USED WITH THIS FRAME.
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.

Transom/Sidelite Frame (Drywall Walls Only)

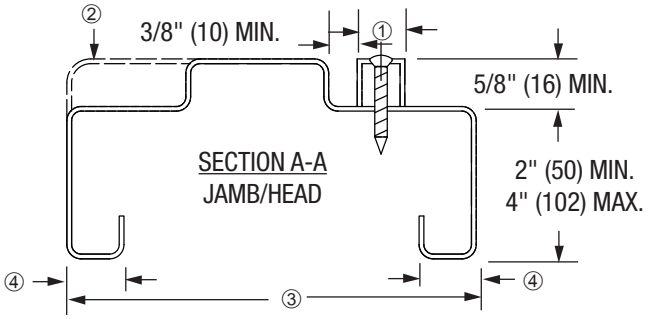
Fire Rated Products

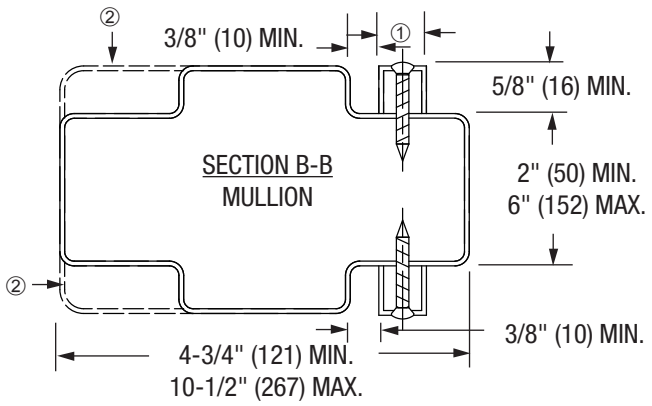
August, 2014

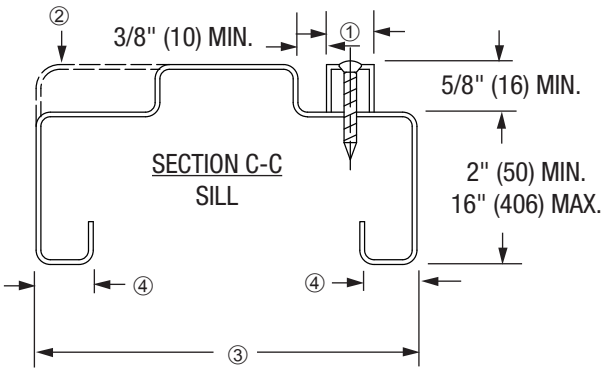
90 MINUTE MAXIMUM RATING IN DRYWALL WALLS
ELEVATION/SECTION DETAIL



GENERAL NOTES:
① 5/8" (16) MIN.
② VARIABLE PROFILE
③ 4-3/4" (121) MIN.
14" (356) MAX.
④ 3/8" (10) MIN.
1-3/8" (35) MAX.







Transom/Sidelite Frame (Drywall Walls Only)

Fire Rated Products

August, 2014

90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	12'0" (3658) W X 11'7-1/2" (3543) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	DRYWALL ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4" (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96" (2438) W X 48" (1219) H 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96" (2438) W X 48" (1272) H ANY LISTED MANUFACTURER'S WOOD PANEL
SIDE PANELS	1-3/4" (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

NOTE:

1) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.

2) CONFIGURATION OF THE PANEL AREAS MAY VARY.

3) GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2" (51) FROM EACH END AND 12" (304.8) ON CENTER MAX.

4) GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.

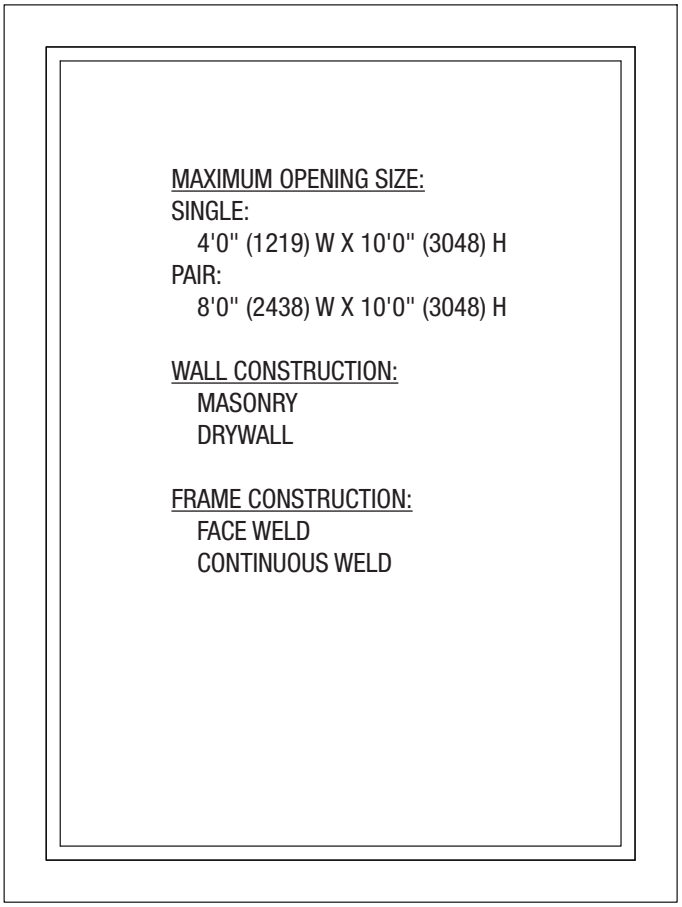
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.

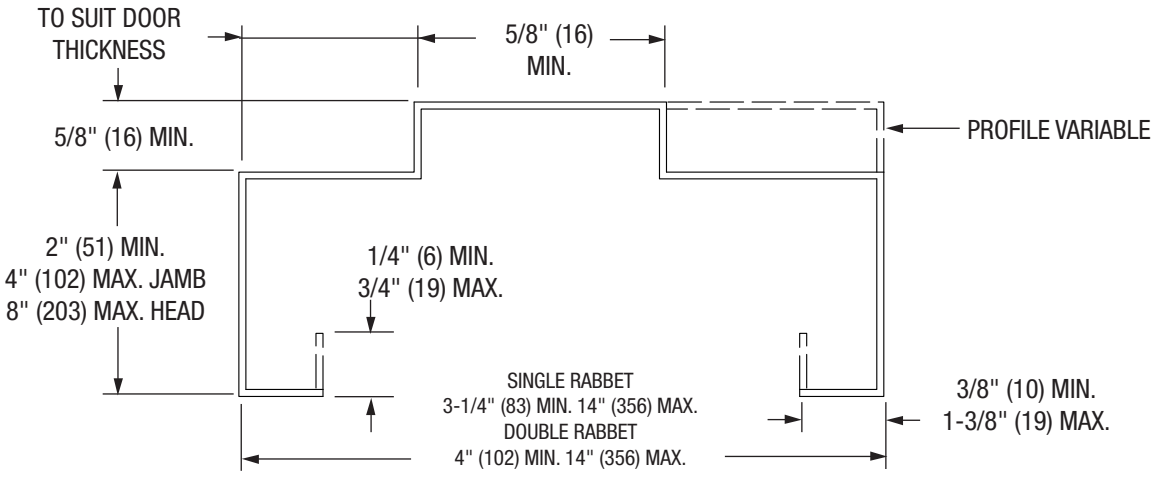
Four Sided Fire Door Frame

Fire Rated Products

August, 2014

180 MINUTE MAXIMUM RATING - MASONRY WALLS
90 MINUTE MAXIMUM RATING - DRYWALL WALLS

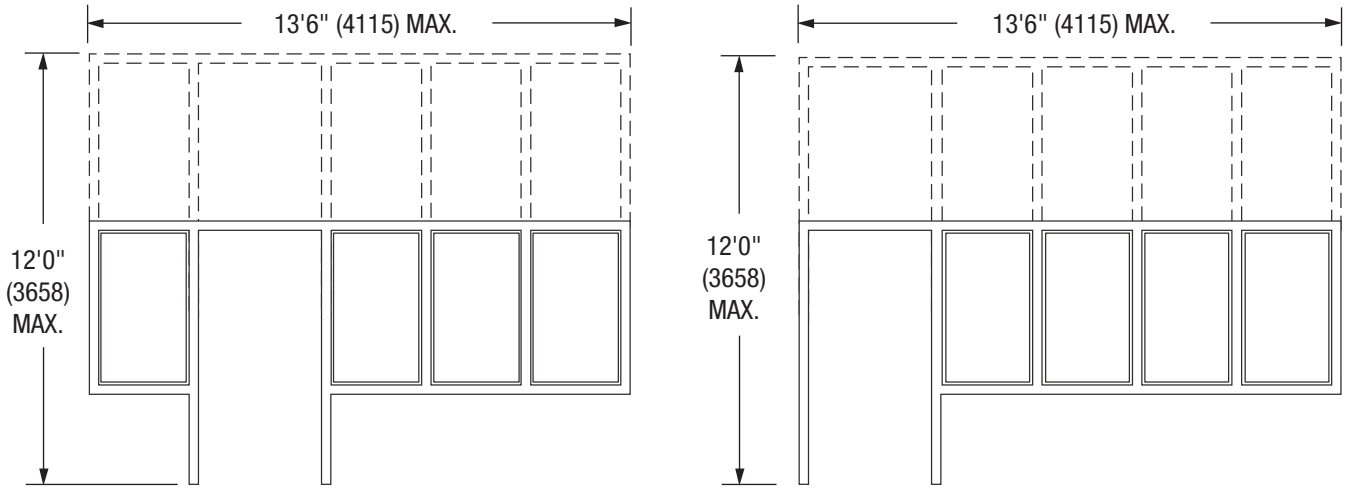




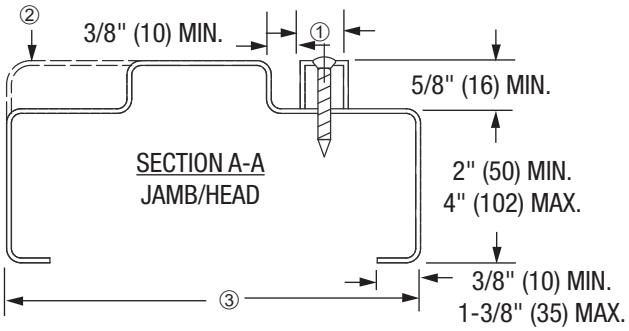
NOTES:

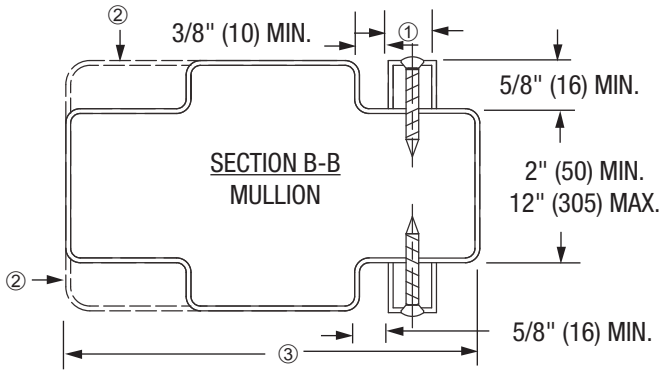
1) FOR OPENINGS OVER 48" (1219) WIDE THE SILL MUST BE FITTED WITH A MULLION BASE ANCHOR AT ITS MIDPOINT.
2) FOR USE WITH DOORS ONLY.
3) 3-1/4" (83) TO 4" (102) JAMB DEPTH 1-3/8" (35) DOOR ONLY.
4) ANY LISTED WELD IN OR SLIP-IN MASONRY OR DRYWALL ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHOR NOT ALLOWED)

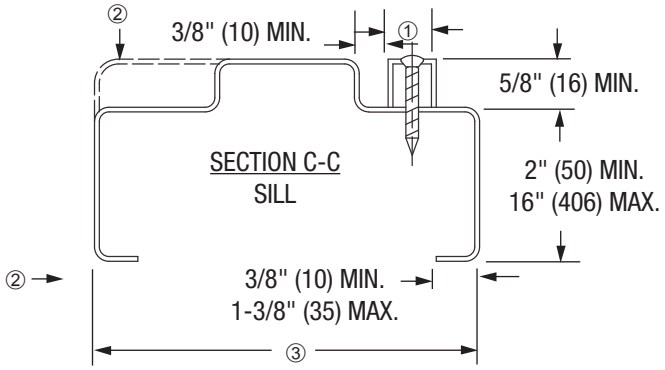
90 MINUTE MAXIMUM RATING IN MASONRY WALL
ELEVATION/SECTION DETAILS



GENERAL NOTES:
① 5/8" (16) MIN.
② VARIABLE PROFILE
③ 4-3/4" (121) MIN.
14" (356) MAX.







Half/Sidelite Frame (Masonry Walls Only)

Fire Rated Products

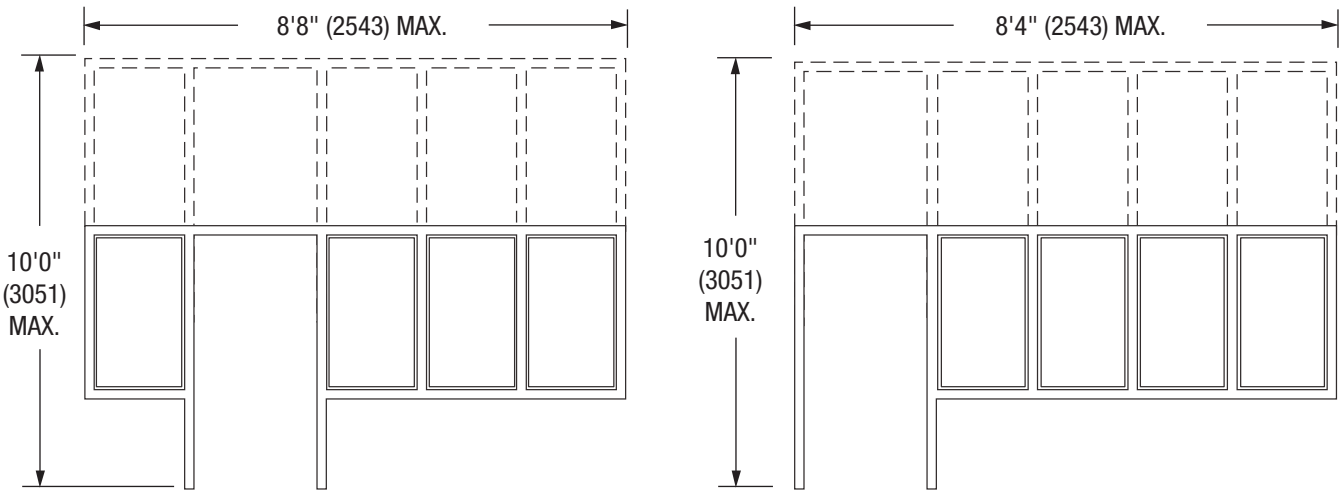
CURRIES
ASSA ABLOY

August, 2014

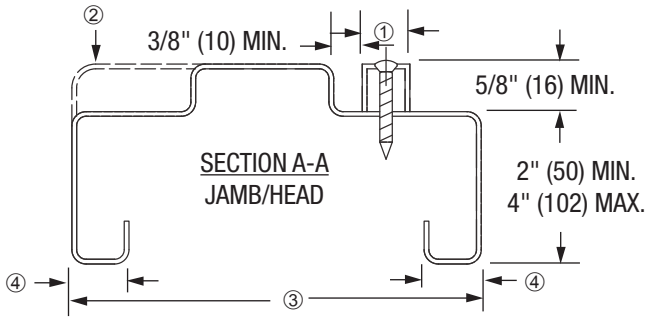
90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13'6" (4115) W X 12'0" (3658) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	MASONRY ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4" (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96" (2438) W X 48" (1219) H 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96" (2438) W X 48" (1272) H ANY LISTED MANUFACTURER'S WOOD PANEL
SIDE PANELS	1-3/4" (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

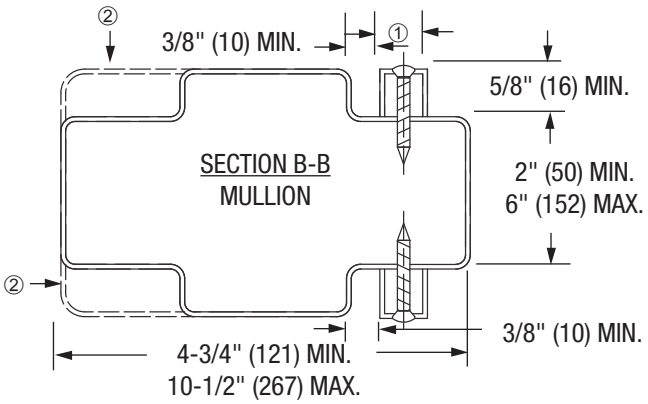
NOTE:
1) THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.
2) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
3) GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2" (50) FROM EACH END AND 12" (305) ON CENTER MAX.
4) STOP EXTENDERS MAY BE USED WITH THIS FRAME.
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.
6) ANCHORS NOT REQUIRED IN HEAD.

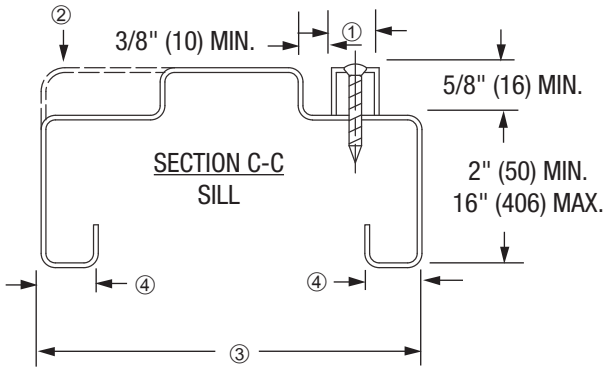
90 MINUTE MAXIMUM RATING IN DRYWALL WALLS
ELEVATION/SECTION DETAIL



GENERAL NOTES:
① 5/8" (16) MIN.
② VARIABLE PROFILE
③ 4-3/4" (121) MIN.
14" (356) MAX.
④ 3/8" (10) MIN.
1-3/8" (35) MAX.







Half/Sidelite Frame (Drywall Walls Only)

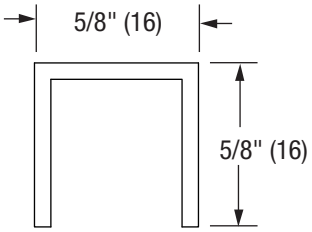
Fire Rated Products

CURRIES
ASSA ABLOY

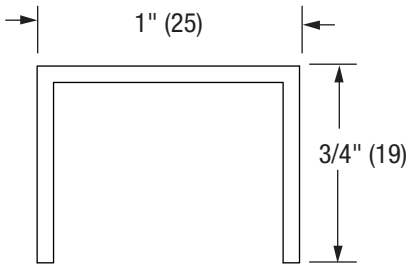
August, 2014

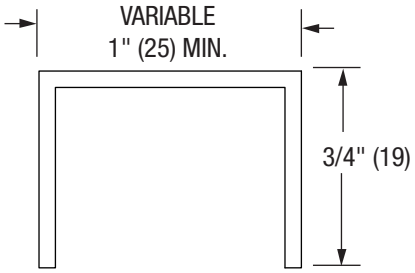
90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	8'4" (2543) W X 10'0" (3051) H
MAXIMUM DOOR SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	DRYWALL ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4" (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96" (2438) W X 48" (1219) H 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96" (2438) W X 48" (1272) H ANY LISTED MANUFACTURER'S WOOD PANEL
SIDE PANELS	1-3/4" (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2" (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54" (1372) W X 54" (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

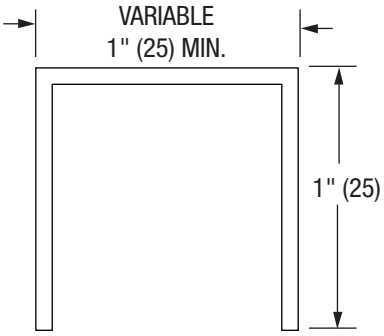
NOTE:
1) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
2) CONFIGURATION OF THE PANEL AREAS MAY VARY.
3) GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2" (51) FROM EACH END AND 12" (305) ON CENTER MAX.
4) GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.
5) ASSEMBLY HAS NO TEMPERATURE RISE RATING.
6) ANCHORS NOT REQUIRED IN HEAD.
7) HORIZONTAL SILL REQUIRES ANCHORS FOR EACH 30" (762) OF LENGTH.

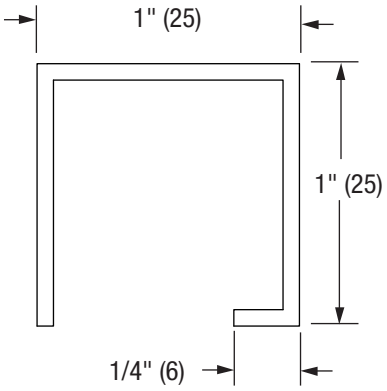


18 GA. (1.1) MIN.
R.K., OR S.S.



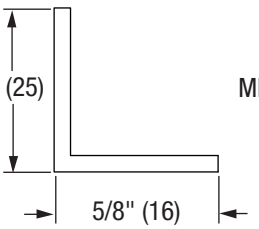






NOTE: SCREW SPACING: #8 OVAL HEAD SHEET METAL SCREWS 2" (51) FROM EACH END AND 12" (305) ON CENTER MAX.

14 GA. (1.9) MIN.
R.K., OR S.S.

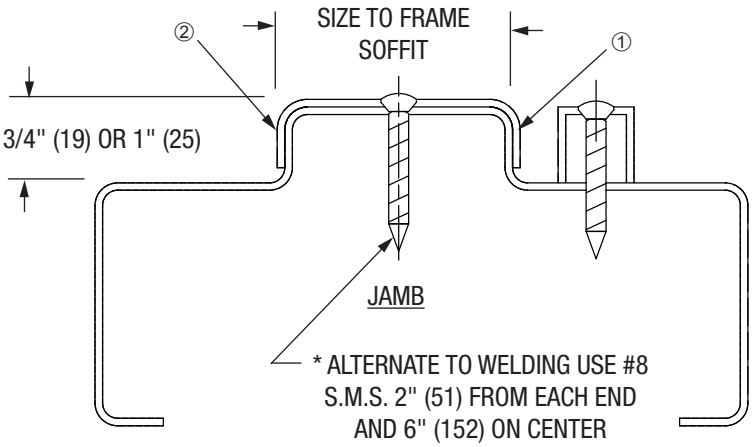


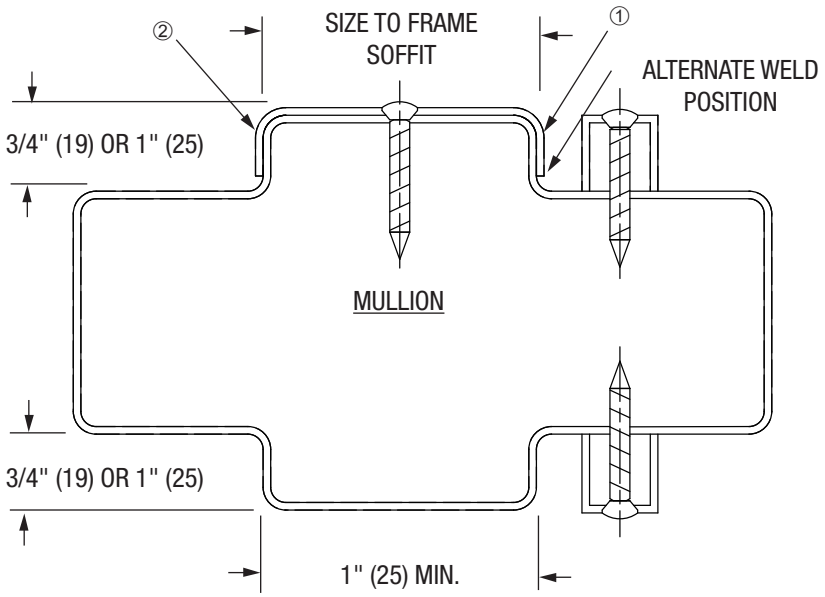
MINIMUM #8 MACHINE OR SELF DRILLING SCREW.

Stop Extensions for Glass Lites and Transom/Sidelites

Fire Rated Products

April, 2002



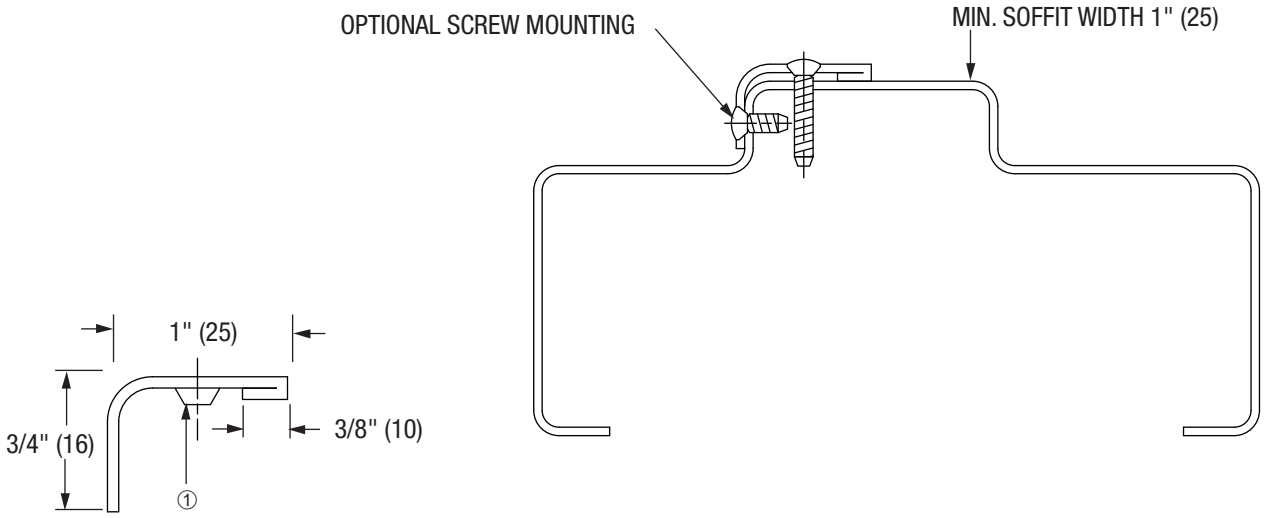


GENERAL NOTES:

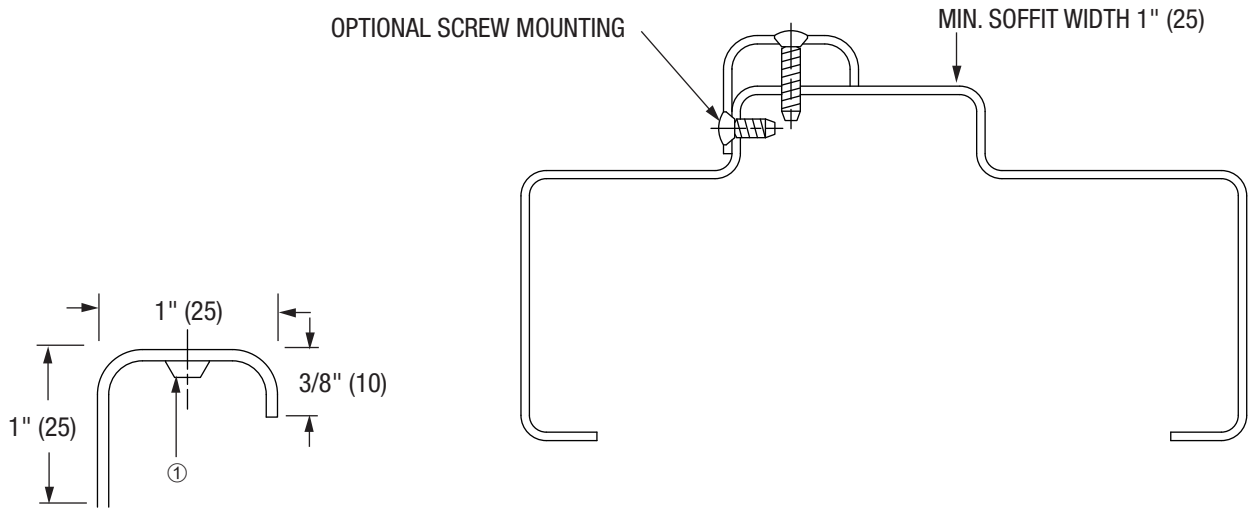
① WELDS 2" (51) FROM ENDS AND 12" (305) ON CENTERS

② 16 GA. (1.5) STEEL STOP EXTENSION

STOP HEIGHT EXTENDER 5/8" (16) TO 3/4" (19)
MAT'L 16 GA. (1.5) STEEL



STOP HEIGHT EXTENDER 5/8" (16) TO 3/4" (19)



GENERAL NOTES:

① OPTIONAL PUNCH AND COUNTERSINK FOR #8 OVAL HEAD S.M.S.
2" (51) FROM EACH END AND 6" (152) ON CENTER MAX.

2) MAY BE USED ON JAMB OR MULLION FRAME MEMBERS.

3) MATERIAL 16 GA. (1.5) STEEL AVAILABLE IN 60" (1524) LENGTHS MAX.

Frame Glazing Chart

Fire Rated Products

CURRIES
ASSA ABLOY

August, 2014

FOR USE WITH CURRIES FIRE RATED WINDOW FRAMES AND TRANSOM SIDELITE FRAMES

GLASS TYPE BRAND OR DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN.	MAX VISIBLE WIDTH INCHES	MAX VISIBLE HEIGHT INCHES	GLASS THICKNESS INCHES	MIN STOP HEIGHT INCHES	MIN POCKET WIDTH INCHES
LISTED WIRE GLASS	20 MIN W/O HOSE	5268	109-3/4	109-3/4	1/4	5/8	3/8
LISTED WIRE GLASS	20 AND 45 MINUTE	1296	54	54	1/4	5/8	3/8
CENTRAL/ASAHI OR PILKINGTON WIRE GLASS WITH PEMKO FG3000	20 AND 45 MINUTE	4704	106	106	1/4	5/8	7/16
FIREGLAS 20 [3] (TECHNICAL GLASS)	20 MIN W/O HOSE	6936	106-1/2	106-1/2	SEE NOTE 1	5/8	SEE NOTE 1
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[3] (TECHNICAL GLASS)	20 MIN W/O HOSE	3325	95	95	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[3] (TECHNICAL GLASS)	20 AND 45 MINUTE	3325	95	95	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[3] (TECHNICAL GLASS)	60 MINUTE	2721	77	77	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU (TECHNICAL GLASS)[3]	90 MINUTE	2627	46-1/2	56-1/2	SEE NOTE 2	5/8	SEE NOTE 2
PYRO-EDGE 20 [3] (INTEREDGE TECHNOLOGIES)	20 MIN W/O HOSE	3698	40-3/4	90-3/4	1/4	5/8	3/8
PYROSTOP[3]	60 MINUTES	5605	95	95	1-1/16	5/8	1-3/16
PYROSTOP[3]	90 MINUTES	3724	89-3/4	89-3/4	1-9/16	5/8	1-11/16

NOTE 1 FIREGLAS IS AVAILABLE IN 1/4", 3/8", 1/2", AND 3/4" THICKNESS. POCKET WIDTH IS 1/8" GREATER THAN GLASS THICKNESS

NOTE 2 FIRELITE AND FIRELITE NT ARE 3/16" THICK, 3/8" MINIMUM POCKET WIDTH;
FIRELITE PLUS IS 5/16" THICK 1/2" MINIMUM POCKET WIDTH;
FIRELITE IGU IS 1" THICK, 1-1/8" MINIMUM POCKET WIDTH.

NOTE 3 GLASS CAPABILITIES AVAILABLE THROUGH UL ONLY. NOT OFFERED THROUGH INTERTEK.

CURRIES
ASSA ABLOY

Door Glazing Chart

Fire Rated Products

August, 2014

For use with CURRIES' Vision Light Frames

GLASS TYPE BRAND OR DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN. (SEE NOTE 6)	MAX WIDTH INCHES (SEE NOTE 6)	MAX HEIGHT INCHES (SEE NOTE 6)	GLASS THICKNESS INCHES	MIN STOP HEIGHT INCHES	MIN POCKET WIDTH INCHES
LISTED WIRE GLASS	20 MIN W/O HOSE	2294	35-13/16	83-5/8	1/4	5/8	3/8
LISTED WIRE GLASS	20 AND 45 MINUTE	1296	54	54	1/4	5/8	3/8
LISTED WIRE GLASS	90 MINUTE	100 PER LEAF	12	33	1/4	5/8	3/8
CENTRAL/ASAHI OR PILKINGTON WIRE GLASS WITH PEMKO FG3000	20 AND 45 MINUTE	2856	34	84	1/4	5/8	7/16
CENTRAL/ASAHI OR PILKINGTON WIRE GLASS WITH PEMKO FG3000	90 MINUTE	552 PER LITE 2204 PER LEAF	12	46	1/4	5/8	7/16
FIREGLAS 20[7] (TECHNICAL GLASS)	20 MIN W/O HOSE	3024	36	89	SEE NOTE 1	5/8	SEE NOTE 1
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	20 MIN W/O HOSE	3204	36	89	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	20 AND 45 MINUTE	3204	36	89	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	60 MINUTE (SEE NOTE 5)	3204	36	89	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	90 MINUTE (SEE NOTE 5)	1296 PER LEAF	36	54	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	180 MINUTE (SEE NOTE 5)	100 PER LEAF	33	33	SEE NOTE 2	5/8	SEE NOTE 2
PYROSTOP [7] SEE NOTE 3	60 MINUTES (SEE NOTE 5)	1080	36	36	1-1/16	5/8	1-3/16
PYROSTOP [7] SEE NOTE 3	90 MINUTES (SEE NOTE 5)	1080	36	36	1-9/16	5/8	1-11/16
UL PANEL 1/2"	90 MINUTES	1296 PER PANEL 2592 PER LEAF	36	36	1/2" PANEL	3/4	1/2

NOTE 1	FIREGLAS IS AVAILABLE IN 1/4", 3/8", 1/2", AND 3/4" THICKNESS. POCKET WIDTH IS 1/8" GREATER THAN GLASS THICKNESS
NOTE 2	FIRELITE AND FIRELITE NT ARE 3/16" THICK, 3/8" MINIMUM POCKET WIDTH; FIRELITE PLUS IS 5/16" THICK 1/2" MINIMUM POCKET WIDTH; FIRELITE IGU IS 1" THICK, 1-1/8" MINIMUM POCKET WIDTH.
NOTE 3	PYROSTOP MAY BE USED ON CURRIES DOORS WITH 250 OR 450 DEGREE TEMPERATURE RISE RATINGS.
NOTE 4	ALL GLASS AREAS ARE PER VISION LIGHT, UNLESS OTHERWISE INDICATED. MULTIPLE VISION LIGHTS ARE ALLOWED.
NOTE 5	CODE REQUIREMENTS MAY LIMIT USE IN 60 MINUTE OR GREATER DURATIONS. USE IS SUBJECT TO THE APPROVAL OF AUTHORITY HAVING JURISDICTION.
NOTE 6	WARNOCK HERSEY LIMITATIONS MAY BE LESS THEN PUBLISHED DIMENSIONS.
NOTE 7	UL LISTING ONLY.

Frame Glazing Chart

Fire Rated Products

CURRIES
ASSA ABLOY

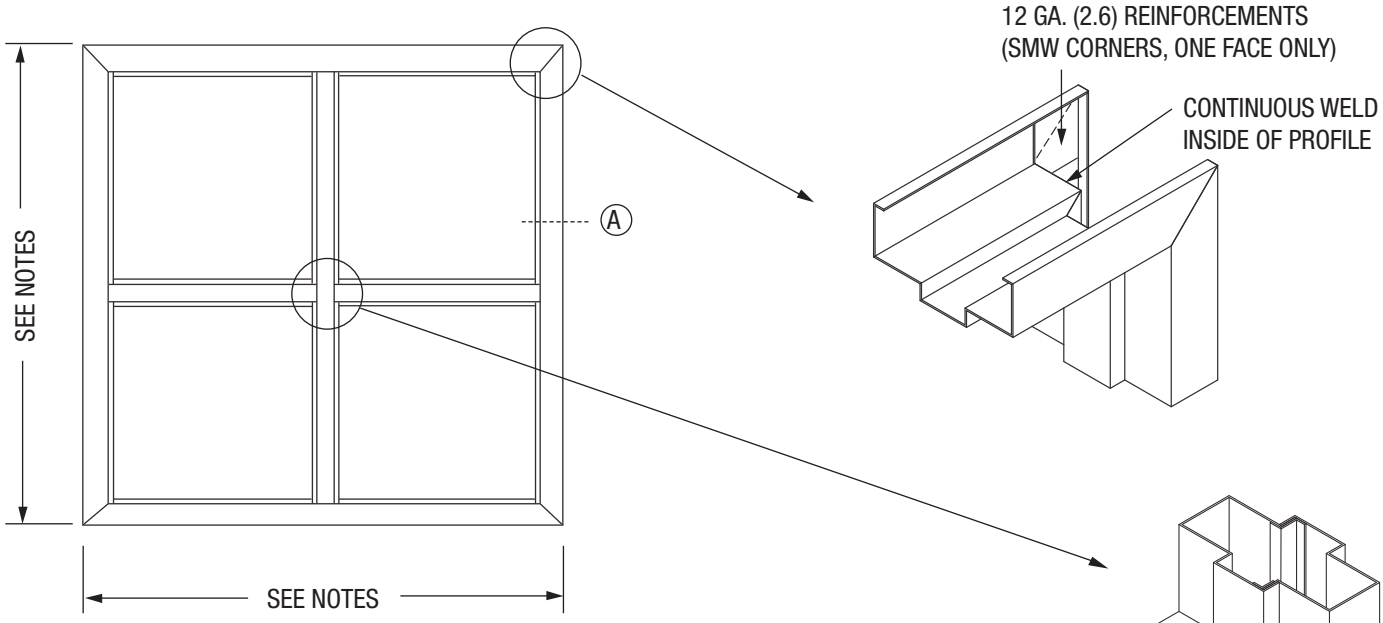
August, 2014

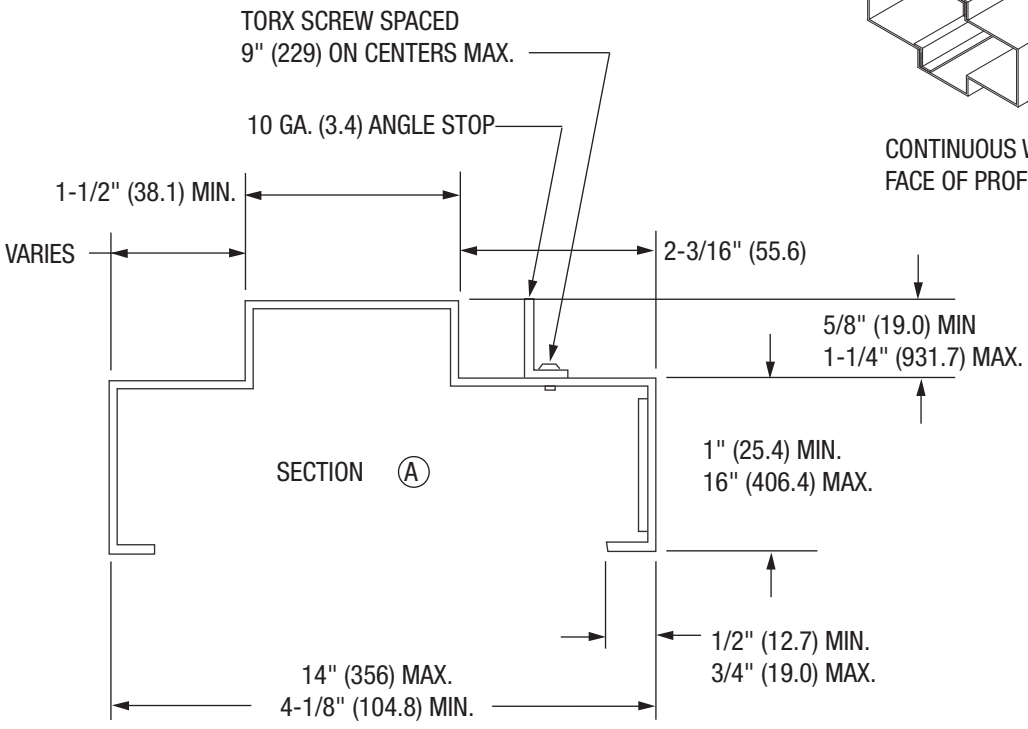
FOR USE WITH CURRIES' FIRE RATED WINDOW FRAMES AND TRANSOM SIDELITE FRAMES

GLASS TYPE BRAND OR DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN.	MAX VISIBLE WIDTH INCHES	MAX VISIBLE HEIGHT INCHES	GLASS THICKNESS INCHES	MIN STOP HEIGHT INCHES	MIN POCKET WIDTH INCHES
INFERNO LITE FRP 100 (GLOBE AMERADA) [2]	20 AND 45 MINUTE	1296	42	42	13/16	3/4	1-1/8
OMNILITE SEE NOTE 1 (SIERRACIN/TRANS TECH) [2]	20 MIN W/O HOSE	360	36	36	13/16	5/8	15/16
OMNILITE SEE NOTE 1 (SIERRACIN/TRANS TECH) [2]	20 MIN W/O HOSE	600	40	40	13/16	11/16	15/16
OMNILITE SEE NOTE 1 (SIERRACIN/TRANS TECH) [2]	20 MIN W/O HOSE	360	36	36	53/64	5/8	15/16
GUARDVUE 20W SEE NOTE 1 (VIRACON) [2]	20 MIN W/O HOSE	360	36	36	13/16	5/8	15/16
GUARDVUE 20W SEE NOTE 1 (VIRACON) [2]	20 MIN W/O HOSE	600	40	40	13/16	11/16	15/16
GUARDVUE 20W SEE NOTE 1 (VIRACON) [2]	20 MIN W/O HOSE	880	40	40	13/16	3/4	15/16
NOTE 1	ONLY ONE LITE PER FRAME IS ALLOWED. THE SIZE OF THE LITE MUST BE WITHIN THE LIMITS LISTED IN THE TABLE.						

[2] UL LISTING ONLY

NOTES:
1. MAX. WINDOW OPENINGS: PER GLASS MANUFACTURER'S LIMITS.
2. GAUGE: 12 (2.6) GA. ONLY.
3. WALL CONSTRUCTION: MASONRY ONLY.
4. FRAME CONSTRUCTION: SAW BUTT WELD (SBW) OR SAW MITER WELD (SMW) ONLY.
5. MASONRY ANCHORS ONLY.





KD Fire Window Frame (20 Min. Without Hose Stream)

Fire Rated Products

December, 2013

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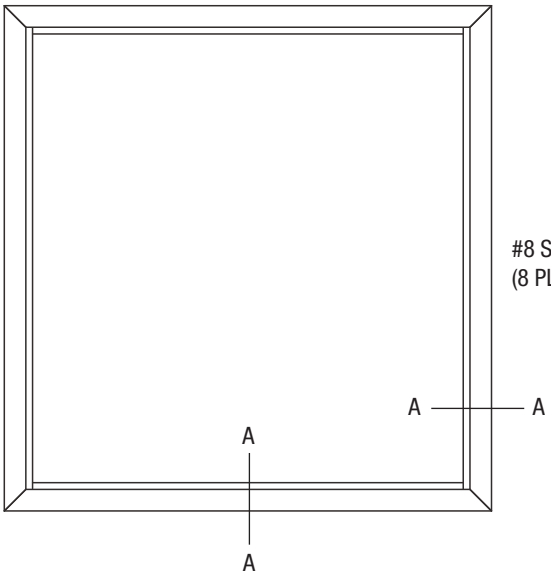
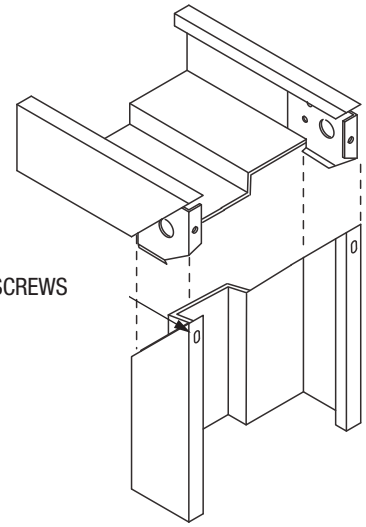
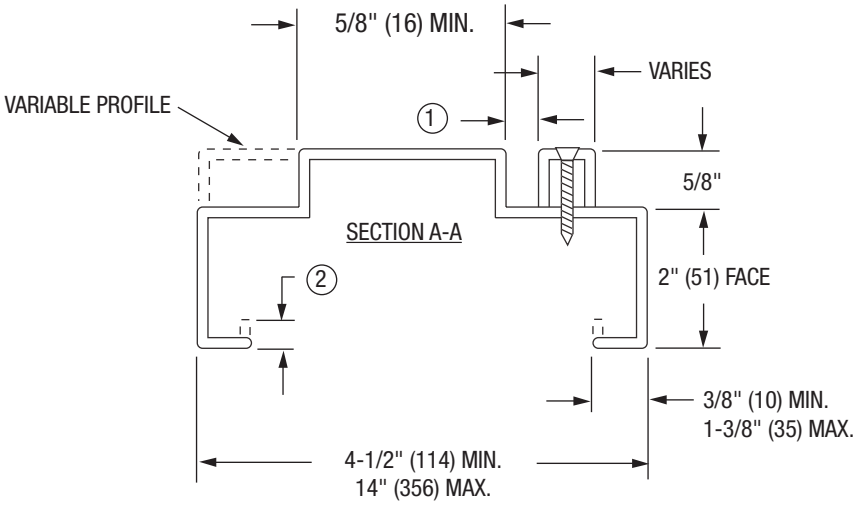




#8 SHEET METAL SCREWS
(8 PLACES)

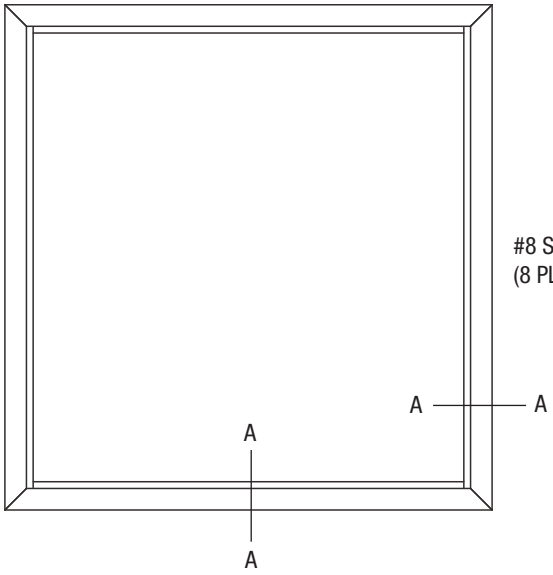


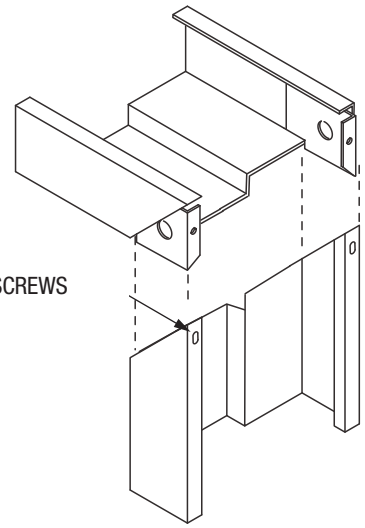
GENERAL NOTES:

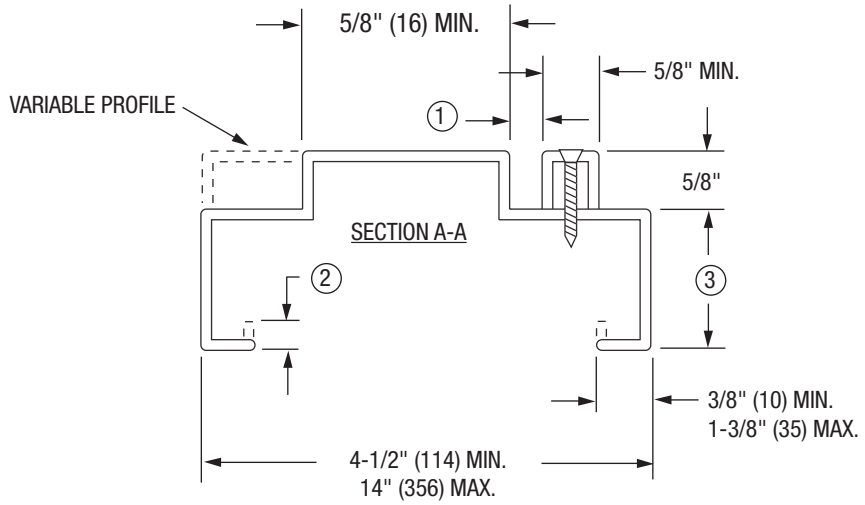
1. 3/8" (10) MIN. GLASS POCKET
2. 3/8" (10) MIN. 3/4" (19) MAX.

SPECIFICATIONS:

A) SIZE: MAX. INDIVIDUAL VISIBLE GLASS SIZE IS 109-3/4" (2788) WIDE AND 109-3/4" (2788) HIGH, NOT TO EXCEED 5268 SQ. INCHES.
B) POCKET DEPTH: 5/8" (16) MIN.
C) WALL CONSTRUCTION: DRYWALL
D) FRAME CONSTRUCTION: KD
E) ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
F) MATERIAL: COLD ROLLED OR GALVANIZED STEEL
G) GAUGE: 16 GA. (1.5) MIN., 14 GA. (1.8) MAX.
H) GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (305) ON CENTER.







GENERAL NOTES:

1. 3/8" (10) MIN. GLASS POCKET
2. 3/8" (10) MIN. 3/4" (19) MAX.
3. 1-1/2" (38) 1-3/4" (45) AND 2" (51) FACES ONLY

SPECIFICATIONS:

A) WALL CONSTRUCTION: DRYWALL
B) FRAME CONSTRUCTION: KD
C) ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
D) MATERIAL: COLD ROLLED OR GALVANIZED STEEL
E) GAUGE: 16 GAUGE (1.5) MIN., 14 GA. (1.9) MAX.
F) GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (305) ON CENTER.
G) MUST USE NORTON NORSEAL TAPE V980 OR 100% SILICON.

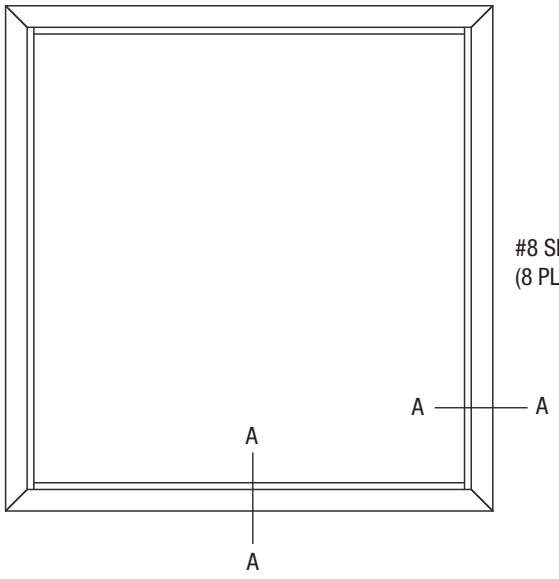
MAX. AREA EXPOSED GLASS SQ. IN.	MAX. WIDTH IN.	MAX. HEIGHT IN.	MIN. DEPTH OF POCKET IN.
1296 (836,127)	54 (1372)	54 (1372)	5/8 (16)

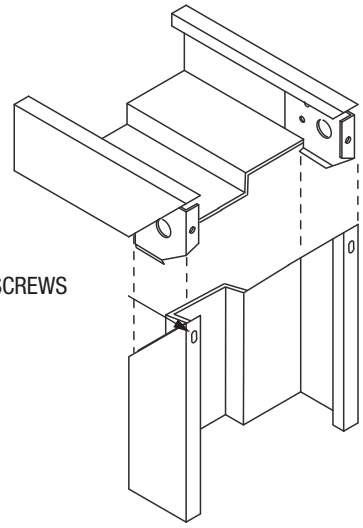
KD Fire Window Frame (1 Hr. Fire Rated Frame with "Firelite" Glass)

Fire Rated Products

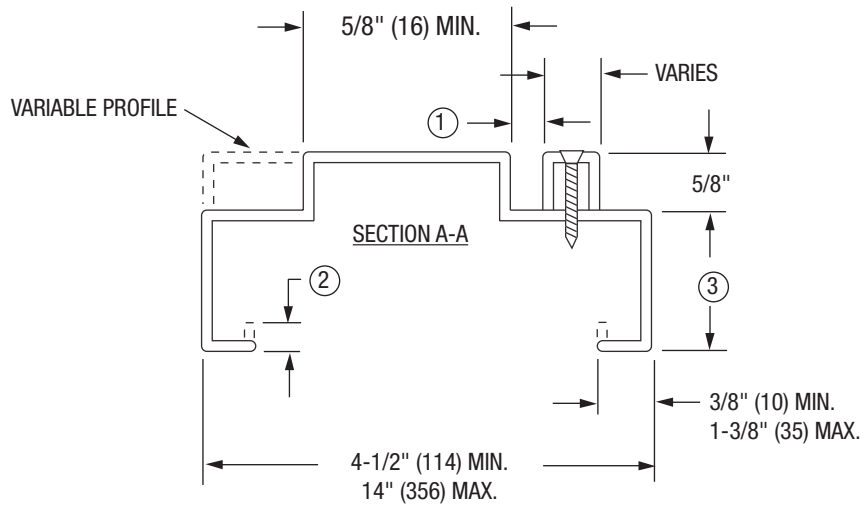
August, 2014

L





#8 SHEET METAL SCREWS
(8 PLACES)



GENERAL NOTES:

1. 3/8" (10) MIN. GLASS POCKET
2. 3/8" (10) MIN. 3/4" (19) MAX.
3. 1-1/2" (38) 1-3/4" (45) AND 2" (51) FACES ONLY

SPECIFICATIONS:

A) SIZE: MAX. INDIVIDUAL VISIBLE GLASS SIZE IS 54" (1372) WIDE AND 77-3/4" (1975) HIGH, NOT TO EXCEED 2721 SQ. INCHES.
B) POCKET DEPTH: 5/8" (16) MIN.
C) WALL CONSTRUCTION: DRYWALL
D) FRAME CONSTRUCTION: KD
E) ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
F) MATERIAL: COLD ROLLED OR GALVANIZED STEEL
G) GAUGE: 16 GA. (1.5) MIN., 14 GA. (1.9) MAX.
H) GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (305) ON CENTER.
I) GLAZING MATERIAL: “FIRELITE” OR “FIRELITE PLUS” GLASS INSTALLED WITH EITHER 100% SILICON, DAP 33, OR METACAULK 990 GLAZING COMPOUND.
J) MAY NOT BE USED FOR POSITIVE PRESSURE APPLICATIONS.

CURRIES
ASSA ABLOY

Frame Panel and Glazing Chart

Fire Rated Products

August, 2014

GLASS TYPE BRAND OR DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN.	MAX VISIBLE WIDTH INCHES	MAX VISIBLE HEIGHT INCHES	MIN STOP HEIGHT INCHES	MATERIAL THICKNESS INCHES	MIN POCKET WIDTH INCHES
OMNILITE SEE NOTE 1 (SIERRACIN/TRANS TECH)	20 MIN W/O HOSE	360	36	36	5/8	53/64	15/16
GUARDVUE 10W (VIRACON) SEE NOTE 1	20 MIN W/O HOSE	360	36	36	5/8	13/16	15/16
GUARDVUE 10W (VIRACON) SEE NOTE 1	20 MIN W/O HOSE	600	40	40	11/16	13/16	15/16
GUARDVUE 10W (VIRACON) SEE NOTE 1	20 MIN W/O HOSE	880	40	40	3/4	13/16	15/16
GUARDVUE 10W (VIRACON) SEE NOTE 1	20 MIN W/O HOSE	880	40	40	3/4	13/16	15/16
SIDE PANELS							
CURRIES POLYSTYRENE CORE	180 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES TEMPERATURE RISE CORE	180 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES STEEL STIFFENED CORE	180 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES 1/2" COMPOSITE CORE	180 MINUTES	4608	48	96	5/8	1/2	5/8
WOOD PANELS	90 MINUTES	SEE NOTE 2					
TRANSOM PANELS							
CURRIES POLYSTYRENE CORE	180 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES TEMPERATURE RISE CORE	180 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES STEEL STIFFENED CORE	180 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES 1/2" COMPOSITE CORE	180 MINUTES	4608	96	48	5/8	1/2	5/8
WOOD PANELS	90 MINUTES	SEE NOTE 2					

NOTE 1	ONLY ONE LITE PER FRAME IS ALLOWED. THE SIZE OF THE LITE MUST BE WITHIN THE LIMITS LISTED IN THE TABLE.
NOTE 2	LISTED WOOD PANELS MAY BE USED IN CURRIES FRAMES AS ALLOWED BY THE WOOD PANEL MANUFACTURER'S LISTINGS.
NOTE 3	USE SPRING BOLT SPACING FROM WOOD PANEL MANUFACTURER.

UL LISTING ONLY

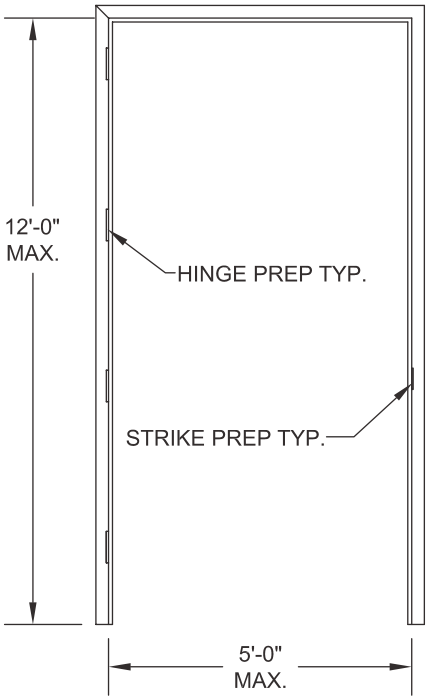
Oversized Fire Door (UL)

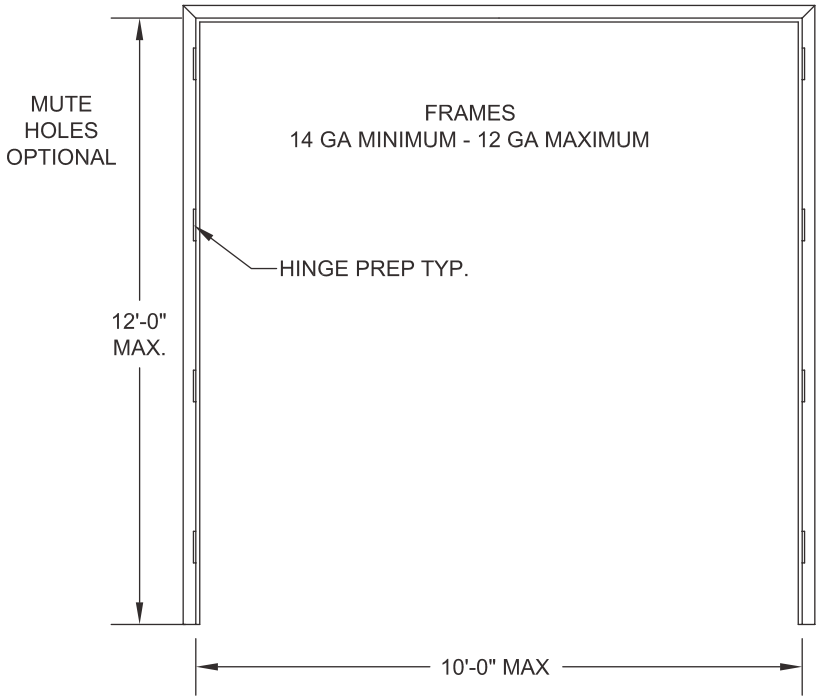
Fire Rated Products

April, 2011

90 MINUTE MAXIMUM RATING 5'0" X 12'0" SINGLES 10'0" X 12'0" PAIRS NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
DOOR TYPE	747T ONLY
DOOR GAUGE	16 GA. (1.4) OR 14 GA. (1.9)
FACE TYPE	FLUSH OR GLAZED USING ANY UL CLASSIFIED GLAZING MATERIAL CLASSIFIED FOR USE IN HOLLOW METAL FIRE DOORS
RIB GAUGE	22 GA. (.75) OR 20 GA. (.9)
RIB SPACING	6" ON CENTER MAX.
HINGE CHANNEL	12 GA. (2.6)
LOCK CHANNEL	14 GA. (1.9)
EDGE WELDING	CONTINUOUS EDGE WELDING REQUIRED
END CHANNEL	14 GA. (1.9)
TOP CAP (REQUIRED)	16 GA. (1.4) SCREW APPLIED OR WELDED
HARDWARE	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10' TALL.
ACTIVE DOOR	MORTISE LOCK WITH 3/4 IN. MINIMUM THROW MUST BE USED. MORTISE LOCK MUST BE UL LISTED FOR USE ON A 4'0" X 10'0" 90 MINUTE FIRE RATED HOLLOW METAL DOOR TO BE USED ON DOORS UP TO AND INCLUDING 5'0" X 12'0". 10 GAUGE TABE REQUIRED.
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW MAY BE USED. BOLTS MUST BE UL LISTED FOR USE ON 4'0" X 10'0" 90 MIN. FIRE RATED HOLLOW METAL DOOR TO BE USED ON DOORS UP TO AND INCLUDING 5'0" X 12'0". BOLTS WITH EXTENSIONS UP TO 60" LONG MAY BE USED. 10 GAUGE FLUSH BOLT AND E1 STRIKE TABS ARE REQUIRED. 12 GAUGE FLUSH BOLT TABS IN END CHANNELS REQUIRED. AUXILIARY LATCHES FOR SINGLES GREATER THAN 4'0" WIDE, PAIRS GREATER THAN 8'0" WIDE OR THE HEIGHT EXCEEDS 10'0" UL LISTED AUXILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK "POPPER" INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO THE FRAME HEAD DOOR RABBET. REINFORCE PER TEMPLATE.
CLOSER	DOORS MUST BE EQUIPPED WITH UL LISTED SWINGING DOOR CLOSERS. 12 GAUGE CLOSER REINFORCEMENT REQUIRED.
ASTRAGALS	DOOR PAIRS MUST BE EQUIPPED WITH A 1-1/2" X 12 GA. (2.4) STEEL FLAT ASTRAGAL INSTALLED ON THE ACTIVE OR INACTIVE DOOR.

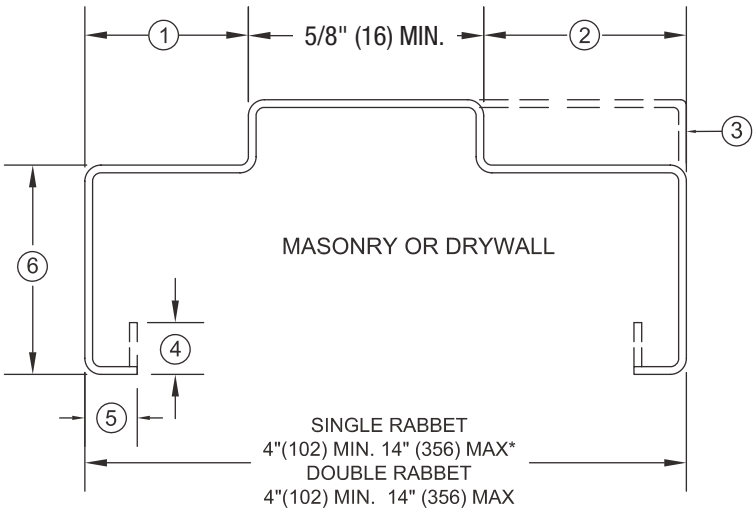
90 MINUTE MAXIMUM RATING
3 SIDED FRAMES
NO DOUBLE EGRESS ALLOWED
UL LISTING ONLY





GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN
3/4" (19) MAX
⑤ 1/2" (13) MIN
3/4" (19) MAX
⑥ 1-1/2"(38) MIN
4" (102) MAX JAMB
4" (102) MAX HEAD



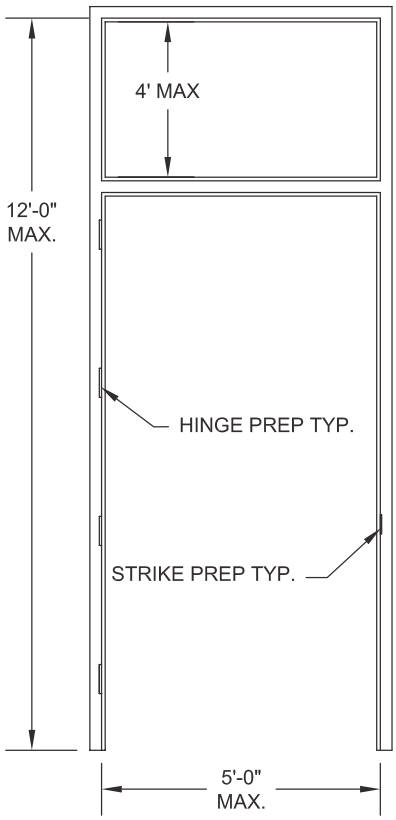
Three Sided Fire Door Frame (UL)

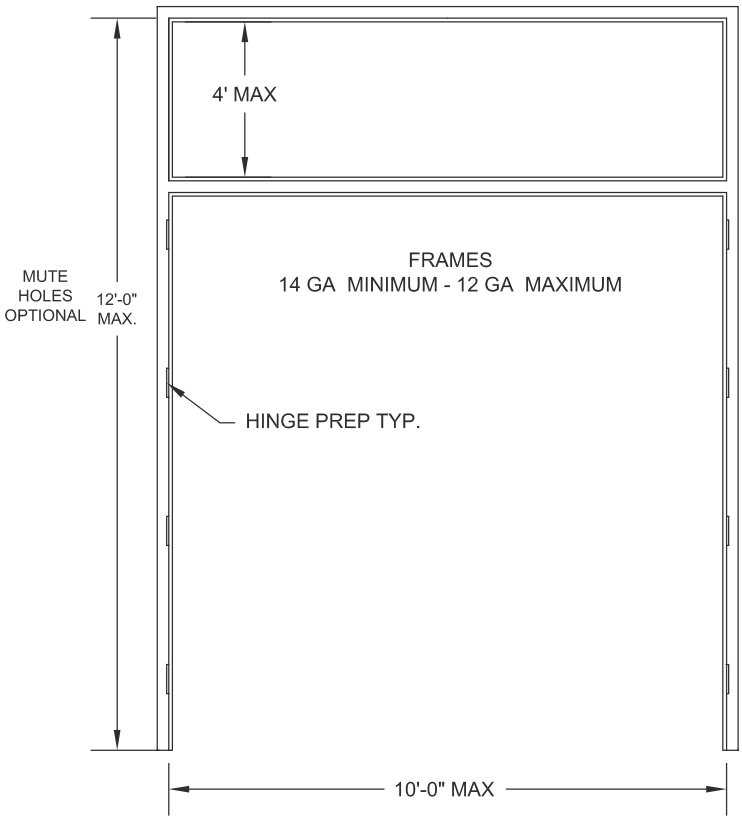
Fire Rated Products

June, 2010

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/DRYWALL	SINGLE: 5'0" (1524) W X 12'0" (3658) H PAIRS: 10'0" (3048)W X 12'0" (3658) H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD-IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL	14 GA. (1.7) MIN. 12 GA. (2.4) MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - FOR DOOR LEAVES GREATER THAN 4' WIDE OR 10' TALL	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10' TALL.
ACTIVE DOOR	SINGLE POINT, MORTISE TYPE ONLY
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW AUXILIARY LATCHES FOR SINGLES GREATER THAN 4'0" WIDE, PAIRS GREATER THAN 8'0" WIDE OR THE HEIGHT EXCEEDS 10'0" UL LISTED AUXILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK "POPPER" INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO THE FRAME HEAD DOOR RABBET. REINFORCE PER TEMPLATE.
CLOSER	12 GAUGE REINFORCEMENT REQUIRED
FLUSH BOLT	7 GA. (4.5) MIN. REINFORCEMENT REQUIRED

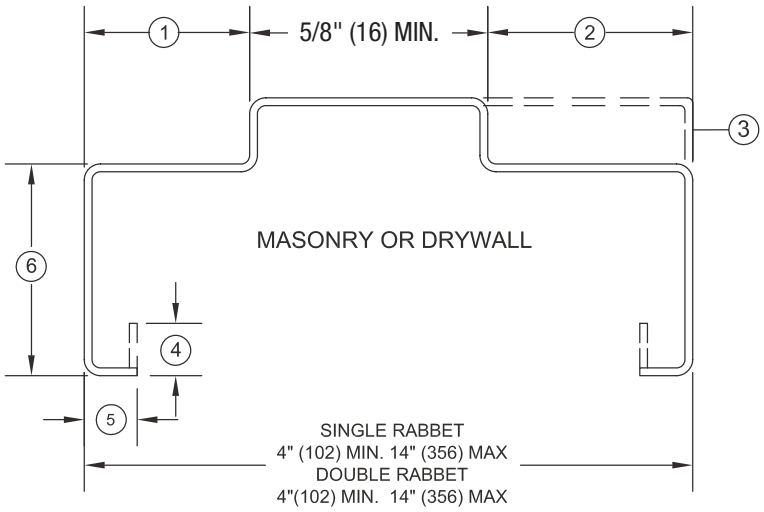
90 MINUTE MAXIMUM RATING
3 SIDED FRAMES WITH TRANSOM
NO DOUBLE EGRESS ALLOWED
UL LISTING ONLY





GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN
3/4" (19) MAX
⑤ 1/2" (13) MIN
3/4" (19) MAX
⑥ 1-1/2 "(38) MIN
4" (102) MAX JAMB
4" (102) MAX HEAD



Three Sided Fire Door Frame with Transom

Fire Rated Products

CURRIES
ASSA ABLOY

September, 2008

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES WITH TRANSOM NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/DRYWALL	SINGLE: 5'0" (1524) W X 12'0" (3658) H PAIRS: 10'0" (3048)W X 12'0" (3658) H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
TRANSOM PANEL	TO BE SUPPLIED WITH THE FRAME BY THE FRAME MANUFACTURER. TRANSOM PANEL MAX SIZE SINGLE 4'0" H X 5'0" W, PAIRS 4'0" H X 10' W.
TRANSOM LITE	TO BE GLAZED WITH GLAZING MATERIAL. UL CLASSIFIED FOR USE IN FIRE DOOR FRAMES WITH LITES. THE MAXIMUM EXPOSED AREA PER INDIVIDUAL LITE, MAXIMUM EXPOSED AREAS, THE MINIMUM GROOVE DEPTH, GLAZING COMPOUND AND THE RATING SHALL BE AS INDICATED IN THE INDIVIDUAL GLAZING MANUFACTURER'S CLASSIFICATIONS. THE TRANSOM LITE SHALL NOT EXCEED 4 FT. IN HEIGHT.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD-IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL	14 GA. (1.7) MIN. 12 GA. (2.4) MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - FOR DOOR LEAVES GREATER THAN 4' WIDE OR 10' TALL	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10' TALL.
ACTIVE DOOR	SINGLE POINT, MORTISE TYPE ONLY
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW AUXILISRY LATCHES FOR SINGLES GREATER THAN 4'0" WIDE AND PAIRS GREATER THAN 8'0" WIDE. UL LISTED AUZILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK "POPPER" INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO FRAME HEAD RABBET. REINFORCE PER TEMPLATE.
CLOSER	12 GAUGE REINFORCEMENT REQUIRED
FLUSH BOLT	7 GA. (4.5) MIN. REINFORCEMENT REQUIRED

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES DOUBLE EGERESS ALLOWED INTERTEK (WARNOCK HERSEY) LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/DRYWALL	SINGLE: 5'0" (1524) W X 10'0" (3048) H PAIRS: 10'0" (3048)W X 10'0" (3048) H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED)
MATERIAL	16 GA. (1.4) MIN. 12 GA. (2.4) MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - ANY LABEL APPROVED HARDWARE MAY BE USED THAT IS RATED FOR USE UP TO 10' IN HEIGHT	

90 MINUTE MAXIMUM RATING 5'0" X 10'0" SINGLES 10'0" X 10'0" PAIRS INTERTEK (WARNOCK HERSEY) LISTING ONLY	
DOOR TYPE	747 OR 747 (450° TEMP RISE)
DOOR GAUGE	16 GA. (1.4) OR 14 GA. (1.9) ON 747 DOOR, 16 GA. (1.4) ONLY ON 747 TEMP. RISE DOOR
FACE TYPE	FLUSH OR GLAZED USING ANY WH CLASSIFIED GLAZING MATERIAL. CLASSIFIED FOR USE IN HOLLOW METAL FIRE DOORS.
RIB GAUGE	22 GA. (.75) OR 20 GA. (.9) ON 747 DOOR, 22 GA. (.95) ONLY ON 747 TEMP. RISE DOOR
RIB SPACING	6" ON CENTER MAX.
HINGE CHANNEL	12 GA. (2.6)
LOCK CHANNEL	14 GA. (1.9)
EDGE WELDING	S, N, OR T
END CHANNEL	16 GA. (1.4)
HARDWARE - ANY LABEL APPROVED HARDWARE MAY BE USED THAT IS RATED FOR USE UP TO 10' IN HEIGHT	

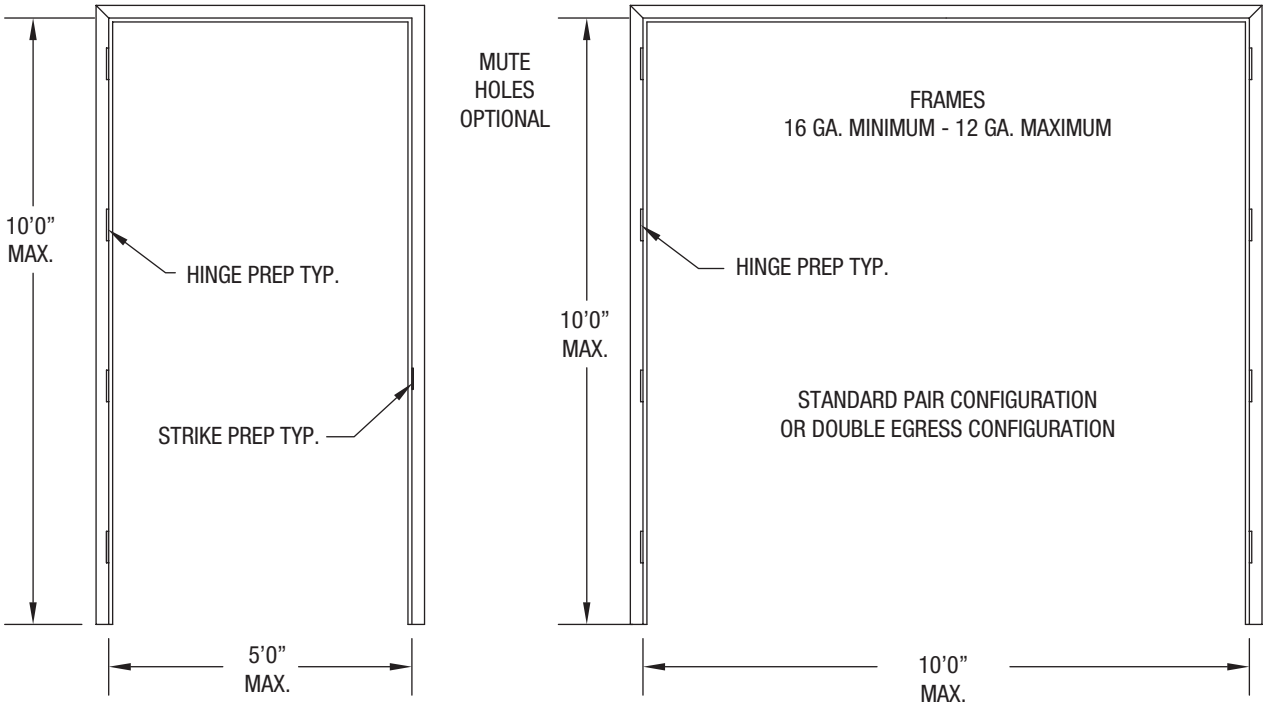
Oversize Fire Door and Frame (WH)

Fire Rated Products

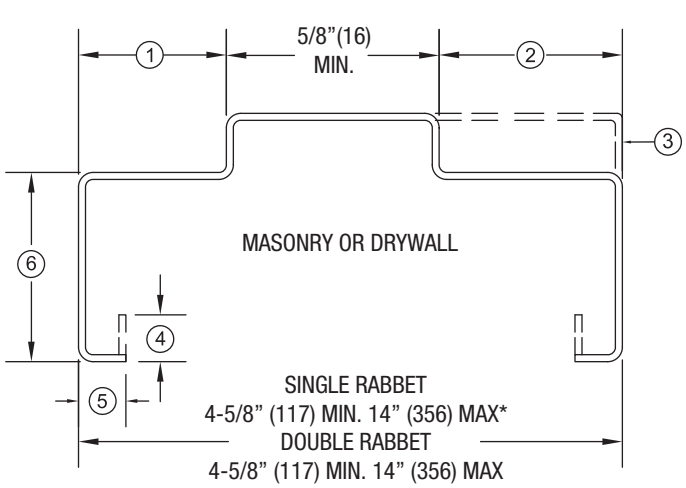
CURRIES
ASSA ABLOY

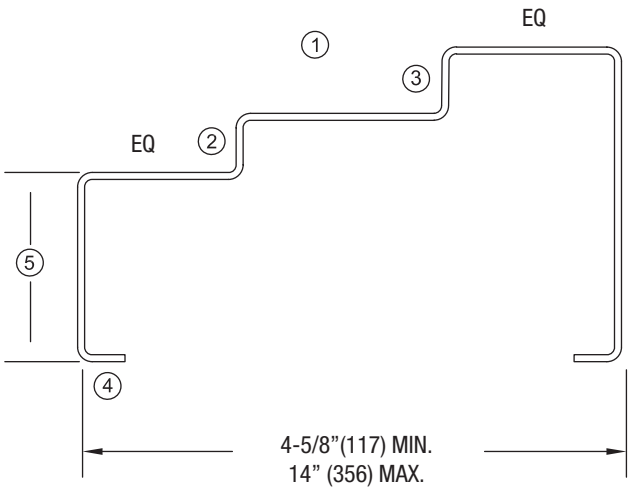
February, 2015

90 MINUTE MAXIMUM RATING
3 SIDED FRAMES
DOUBLE EGRESS ALLOWED
INTERTEK (WARNOCK HERSEY) LISTING ONLY



NOTE: 10'0" X 10'0" DOUBLE EGRESS FRAMES CAN ONLY BE LABELED TO 20 MINUTE MAXIMUM RATING. 8'0" x 10'0" MAXIMUM AT RATINGS ABOVE 20 MINUTE.





GENERAL NOTES:

1. TO SUIT DOOR THICKNESS
2. VARIES
3. PROFILE VARIABLE
4. 3/8" (10) MIN.
5. 3/4" (19) MAX.*
5. 3/8" (10) MIN.
5. 3/4" (19) MAX.
6. 1-1/4" (32) MIN.
6. 4" (102) MAX. JAMB
6. 4" (102) MAX. HEAD

GENERAL NOTES:

1. TO SUIT DOOR THICKNESS
2. PROFILE VARIABLE
3. PROFILE VARIABLE
4. 3/8" (10) MIN. 3/4" (19) MAX.
5. 1-3/8" (35) MIN. 4" (102) MAX.

* LARGER THAN 3/8" MAY REQUIRE #5 DIMENSION TO INCREASE

CURRIES Tech Data
Frame Section

Revised
October, 2015

Index

Frame Technical Data

November, 2014

Index

Frame Technical Data

October, 2015

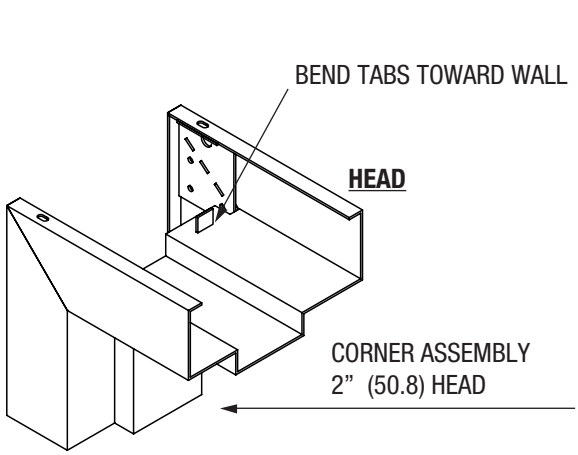
DESCRIPTION **PAGE(S)**

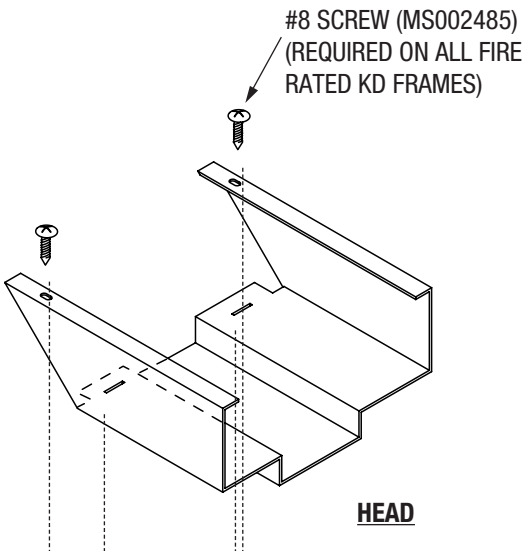
CURRIES
ASSA ABLOY

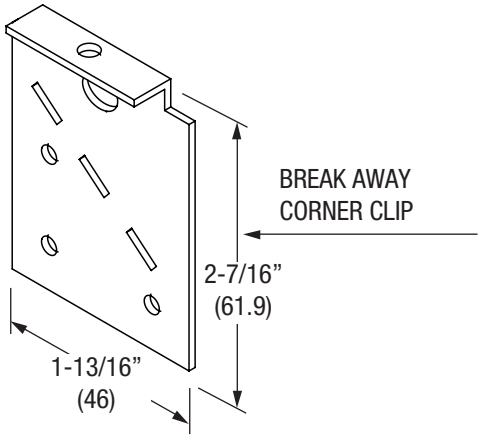
Flush Masonry KD Miter Corner Joint

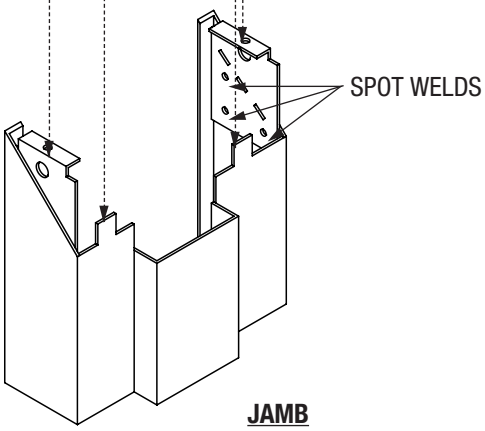
Frame Technical Data

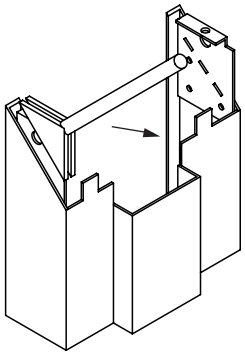
March, 2015

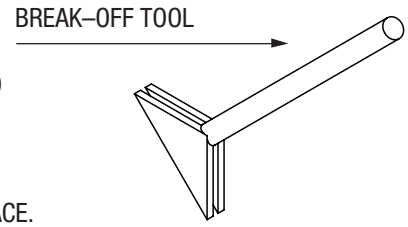












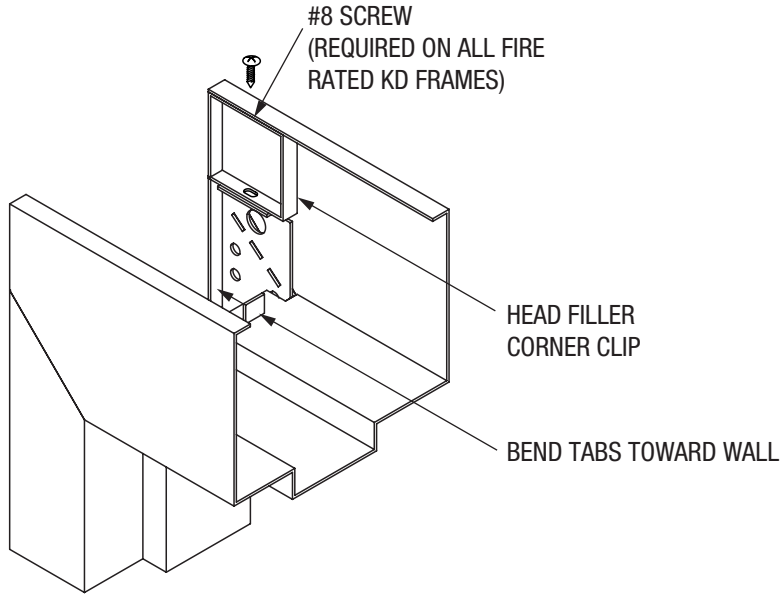
USING THE BREAK-OFF TOOL, BEND CLIP BACK AND FORTH TOWARD OPPOSITE FACE OF FRAME. DO NOT BEND PAST THE OUTSIDE FACE TO AVOID DEFORMING THE FACE.

NOTE: USING PLIERS TO BREAK OFF THE CORNER CLIP MAY RESULT IN DAMAGE TO THE FACE OF FRAME

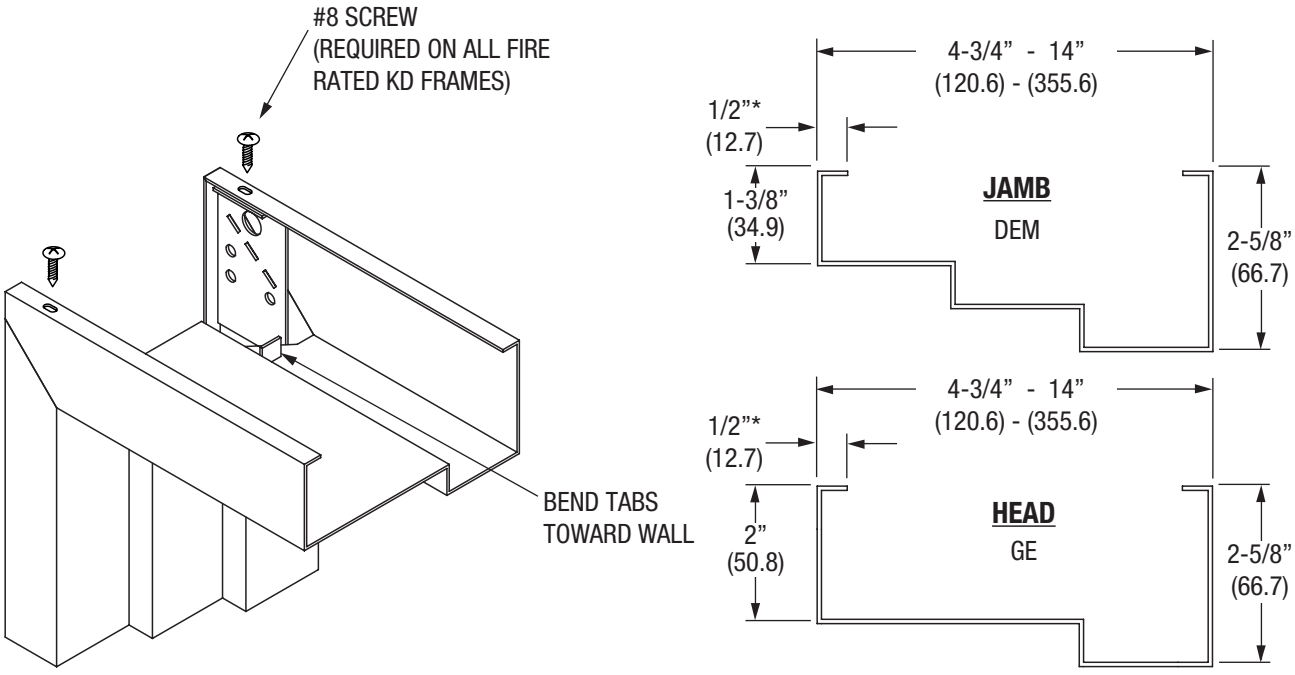
Masonry KD 4” Face Head

Frame Technical Data

March, 2015



Masonry KD Double Egress Frame

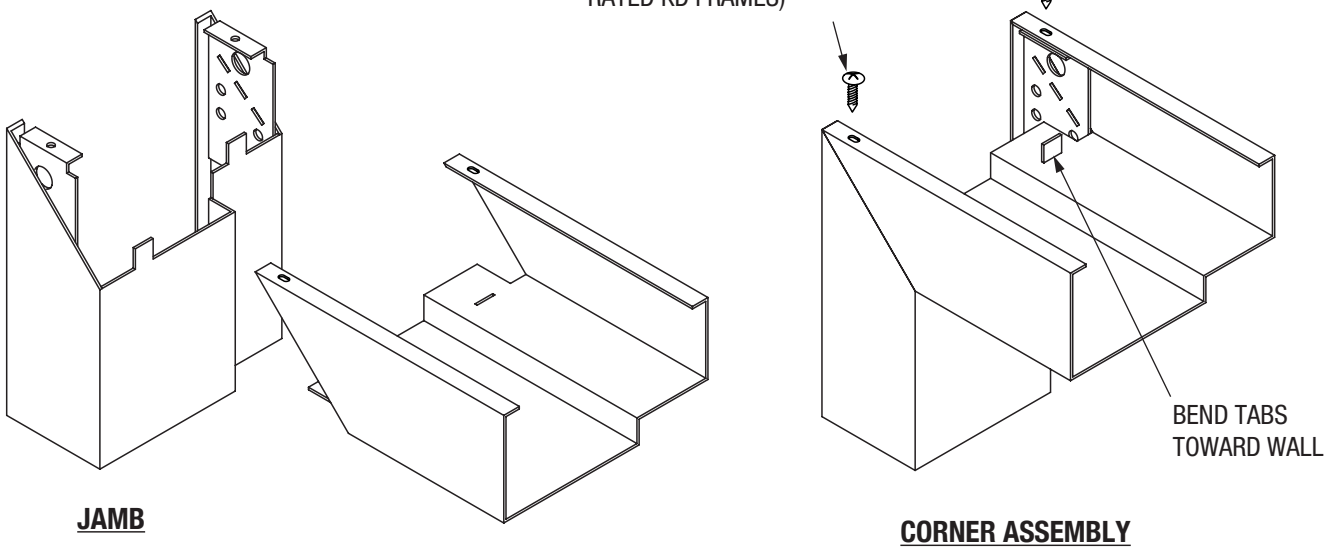


* 5-3/4” (146.1) JAMB DEPTH HAS 7/16” (11.1) RETURN

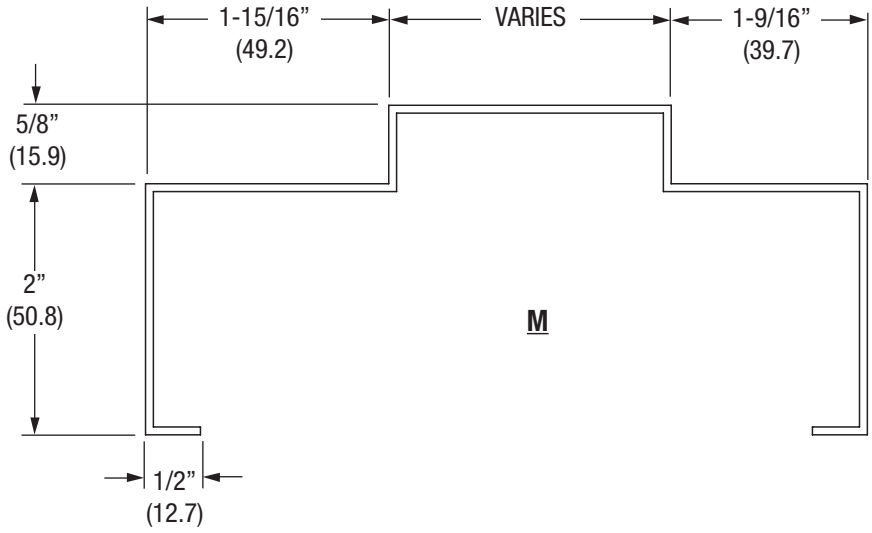
Masonry KD “G” Profile - Corner Details

Frame Technical Data

March, 2015



Masonry KD 2” Face Flush Frame Unequal Rabbet



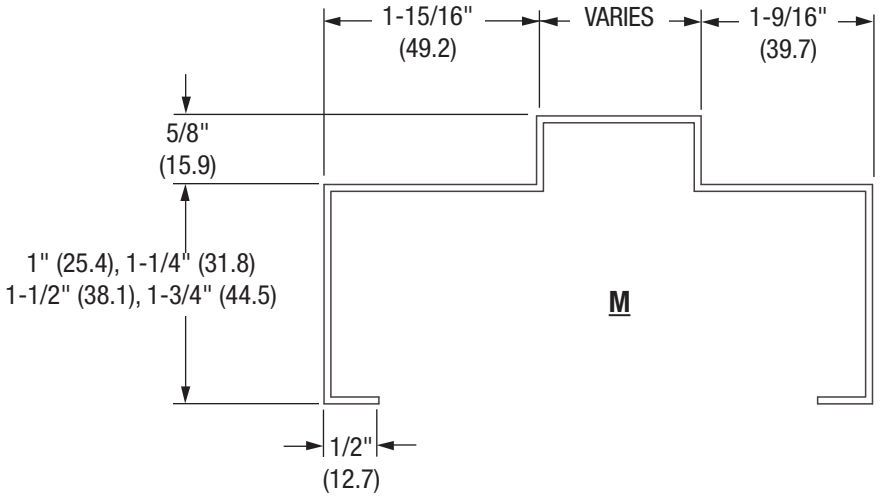
KD “M” TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
VARIABLE SOFFIT
JAMB DEPTH 4-1/2” (114.3) THRU 14” (355.6) (1/8”(3.2) INCREMENTS)
AVAILABLE WITH 4” (101.6) FACE HEADS
NOTE: 5-3/4” (146.1) JAMB DEPTH STANDARD WITH 7/16” (11.1) RETURNS
TO PROVIDE 4-7/8” (123.8) THROAT OPENING

Masonry 1", 1-1/4", 1-1/2", 1-3/4", Face Flush KD Frame Unequal Rabbet

Frame Technical Data

April, 2002

L

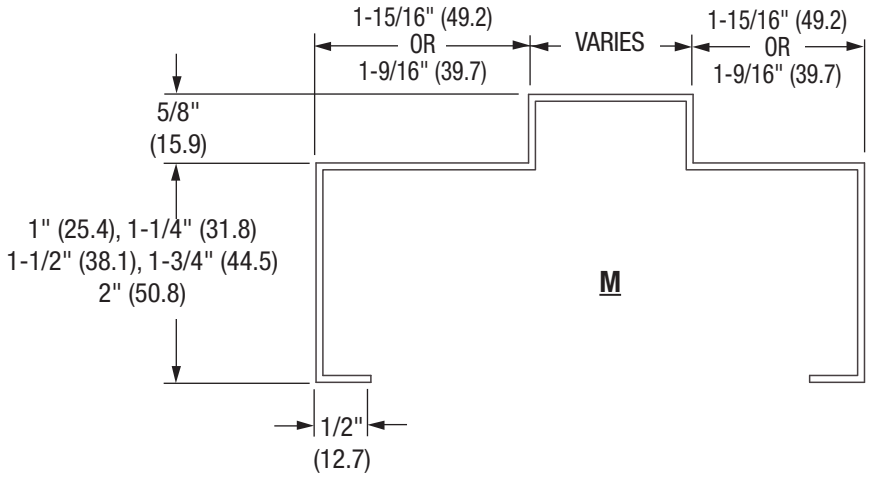


KD "M" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
VARIABLE SOFFIT
JAMB DEPTH 4-1/2" (114.3) THRU 14" (355.6) (1/8"(3.2) INCREMENTS)
NOT AVAILABLE WITH 4" (101.6) FACE HEADS

NOTE: WHEN CCW MATERIAL IS USED IN CONJUNCTION WITH ABOVE,
COORDINATE RABBET AND FACE DIMENSIONS 5-3/4" (146.1) JAMB DEPTH STANDARD WITH 7/16" (11.1) RETURNS TO PROVIDE 4-7/8" (123.8) THROAT OPENING.

Masonry Flush KD Frame Equal Rabbet

L



KD "M" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
VARIABLE SOFFIT
JAMB DEPTH 4-7/8" (114.3) THRU 14" (355.6) (1/8"(3.2) INCREMENTS)
AVAILABLE WITH 4" (101.6) FACE HEADS WITH 2" FACE JAMBS ONLY

NOTE: WHEN CCW MATERIAL IS USED IN CONJUNCTION WITH ABOVE,
COORDINATE RABBET AND FACE DIMENSIONS. 5-3/4" (146.1) JAMB DEPTH STANDARD WITH 7/16" (11.1) RETURNS TO PROVIDE 4-7/8" (123.8) THROAT OPENING.

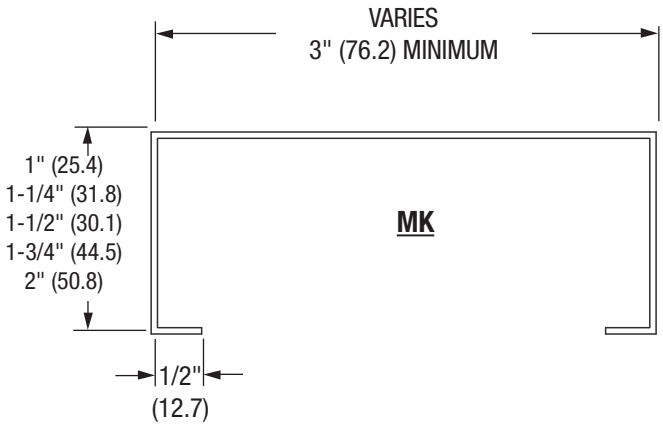
CURRIES
ASSA ABLOY

Masonry Face Flush KD Frame Cased Opening

Frame Technical Data

April, 2002

L*



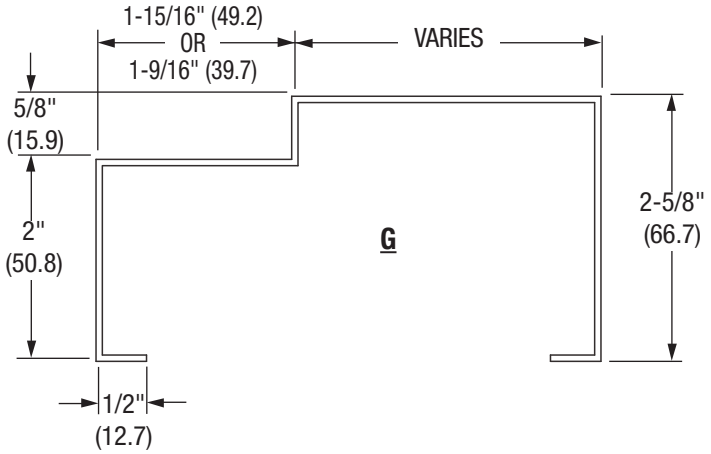
KD "MK" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
JAMB DEPTH 3" (76.2) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)

NOTE: AVAILABLE WITH 4" (101.6) FACE HEAD WITH 4-1/2" (114.3) MINIMUM JAMB DEPTH
5-3/4" (146.1) JAMB DEPTH STANDARD WITH 7/16" (11.1) RETURNS
TO PROVIDE 4-7/8" (123.8) THROAT OPENING.

* TOTAL DOOR ONLY MAY BE LABELED

Masonry Flush KD "G" Profile Frame

L



KD "G" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
JAMB DEPTH 3" (76.2) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
MIN. 4" JAMB DEPTH FOR LABELED FRAME WITH 1-15/16" RABBET AND
3-1/4" JAMB DEPTH FOR 1-9/16" RABBET.

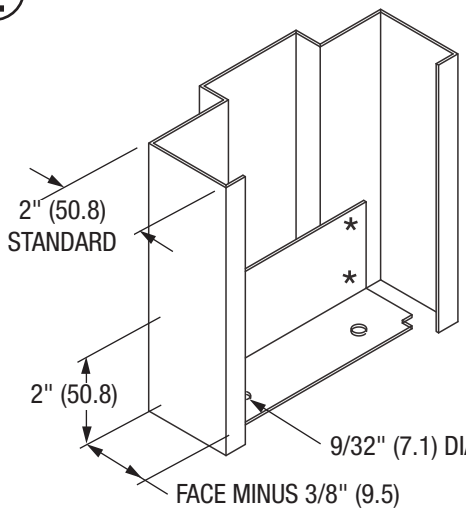
NOTE: 2" (50.8) AND 2-5/8" (66.7) FACE ON JAMBS
AVAILABLE WITH 4" (101.6) FACE HEAD WITH 4-1/2" (114.3) MINIMUM JAMB DEPTH.
5-3/4" (146.1) JAMB DEPTH STANDARD WITH 7/16" (11.1) RETURNS
TO PROVIDE 4-7/8" (123.8) THROAT OPENING.

Standard Foot Clips

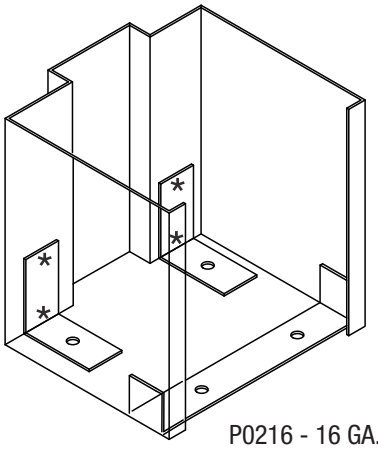
Frame Technical Data

April, 2002

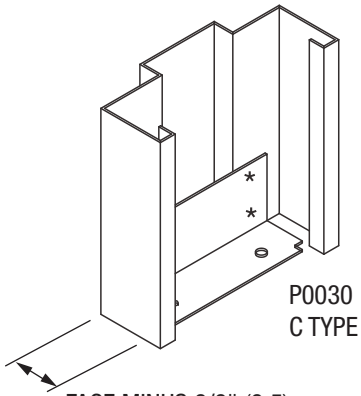
L



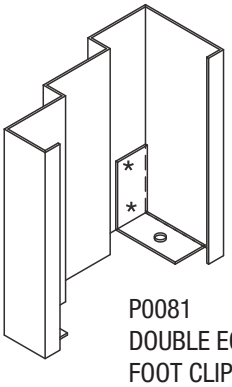
P0030
STANDARD FOOT CLIP
16 GA. (1.4)



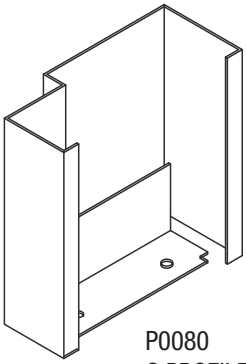
P0216 - 16 GA.
FOR FACE WIDTH OVER 4"
P0281 - 14 GA.
P0284 - 12 GA.



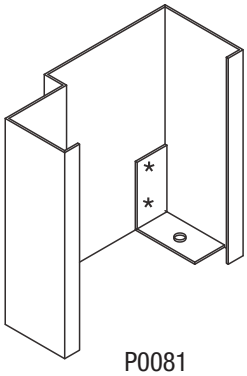
P0030
C TYPE FRAME



P0081
DOUBLE EGRESS
FOOT CLIPS



P0080
G PROFILE
JAMB DEPTH 4" (101.6) OR LESS

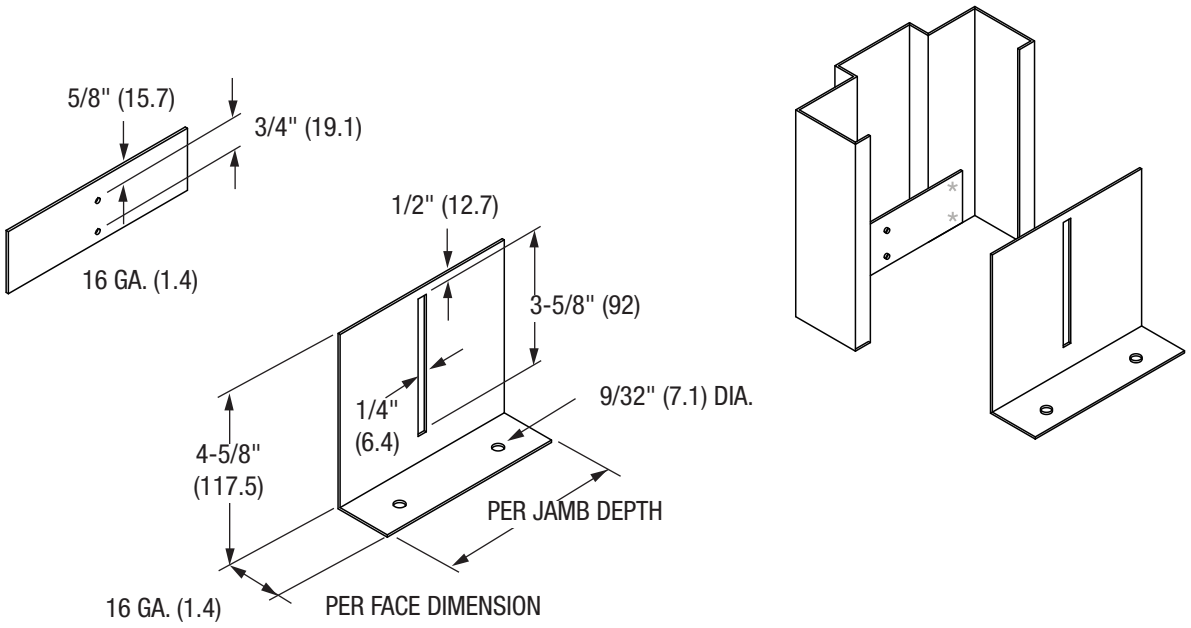


P0081
G PROFILE
GREATER THAN 4" (101.6)
JAMB DEPTH

L

ANCHOR PART NUMBER: P0078

FOOT CLIP SHIPPED LOOSE WITH 2-#12 SHEET METAL SCREWS

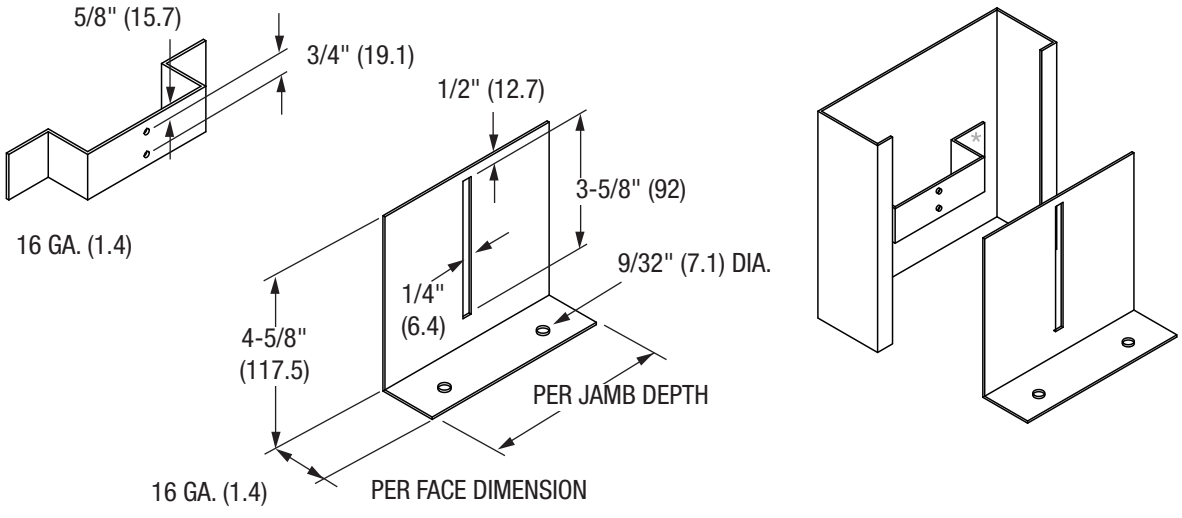


Adjustable Foot Clip - Cased Opening

L

ANCHOR PART NUMBER: P0151

FOOT CLIP SHIPPED LOOSE WITH 2-#12 SHEET METAL SCREWS

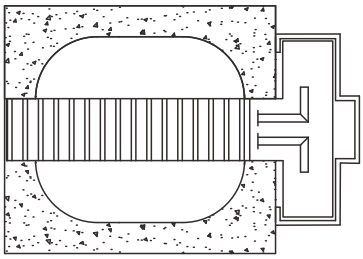


Common Walls For Masonry Anchor

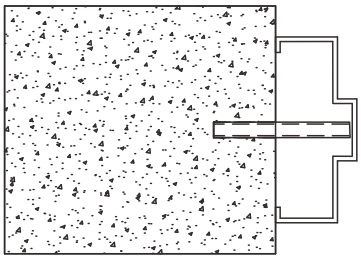
Frame Technical Data

April, 2002

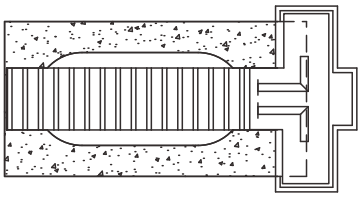
L



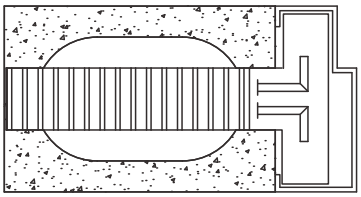
BUTTED MASONRY-BRICK-TILE OR CONCRETE BLOCK



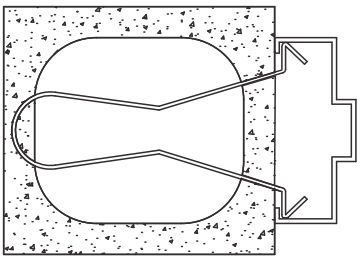
EXISTING MASONRY OR POURED CONCRETE.



WRAP MASONRY-BRICK-TILE OR CONCRETE BLOCK.

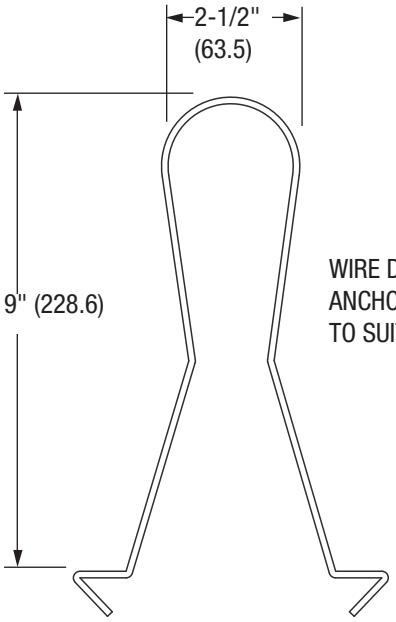


BUTTED MASONRY-BRICK-TILE OR CONCRETE BLOCK.



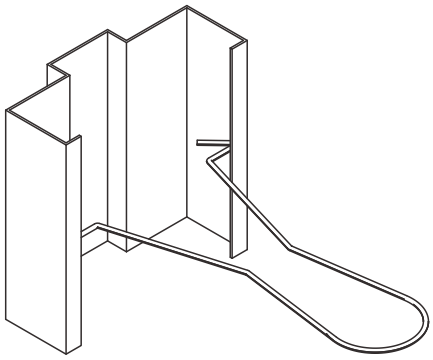
BUTTED MASONRY-BRICK-TILE OR CONCRETE BLOCK

April, 2002

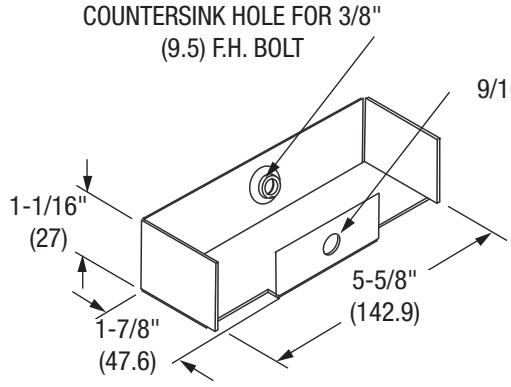


WIRE DIA. 3/16" (4.8) GALV.
ANCHOR MAY BE BENT
TO SUIT JAMB DEPTH

ANCHOR PART NUMBER: P0098
ORDER CODE LOOSE: MW

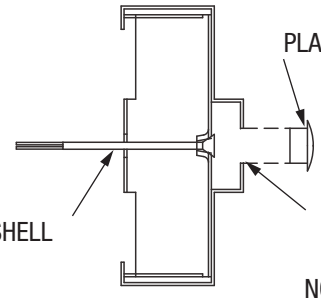


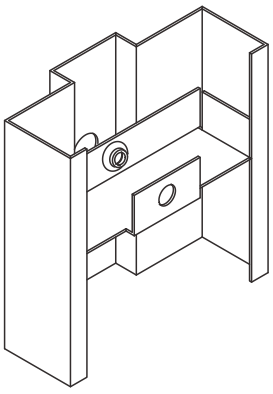
Concealed Existing Opening Anchor



ANCHOR PART NUMBER: CF004557
100 ANCHORS W/PLASTIC PLUG

PLASTIC PLUG PART NUMBER: MS002600
100 PLASTIC PLUGS





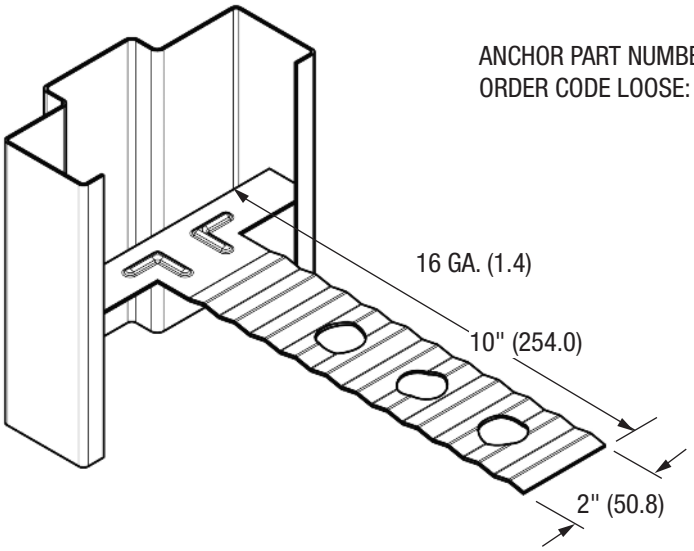
NOTE: ANCHORS AVAILABLE FOR 5-3/4" (146.1) JAMB DEPTH 2" FACE ONLY
AVAILABLE AS SHIP LOOSE PART ONLY

Masonry "T" Anchor

Frame Technical Data

June, 2012

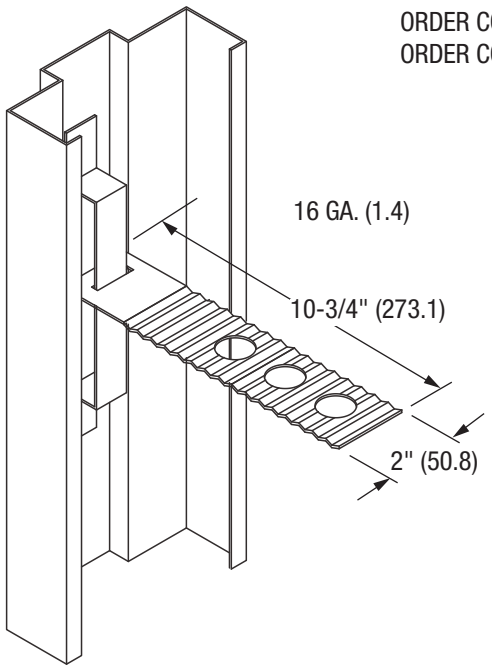
L



ANCHOR PART NUMBER: P0069
ORDER CODE LOOSE: M

Weld in Type Masonry Anchor

L

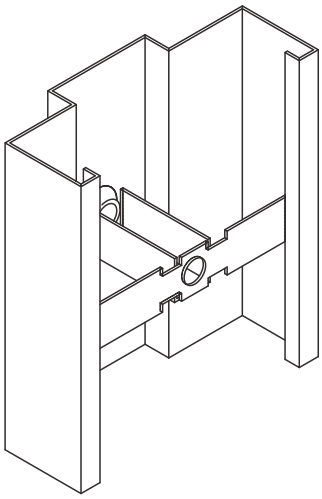


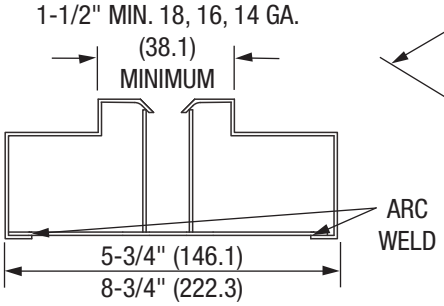
ANCHOR PART NUMBER: P0002
ORDER CODE LOOSE: ML
ORDER CODE WELDED: WML

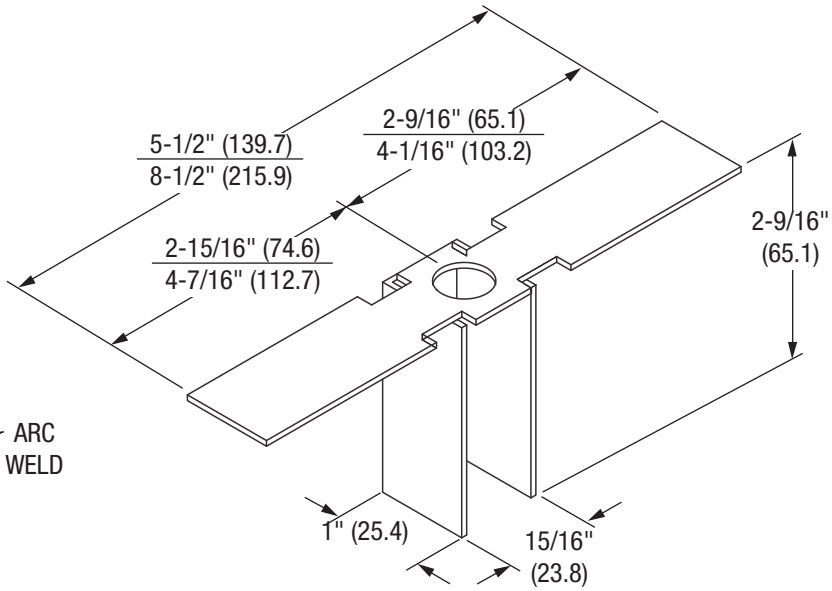
FOR STANDARD RABBETED FRAMES 1-15/16" (49.2) X 1-9/16" (39.7)
THE EWA ANCHOR IS AVAILABLE IN 5-1/2" (139.7) & 8-1/2" (215.9) SIZES TO
FIT 5-3/4" (146.1) & 8-3/4" (222.3) STANDARD RABBETED FRAMES RESPECTIVELY.
3/8" FLAT HEAD BOLT RECOMMENDED.

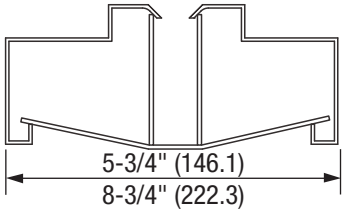
ANCHOR PART NUMBER: P0070
ORDER CODE LOOSE: EWA
ORDER CODE WELDED: WEWA

-AVAILABLE AS SHIP-LOOSE ANCHOR
-AVAILABLE FROM WAREHOUSE AS STOCK #CF004896
-SPECIFY 5-1/2" (139.7) OR 8-1/2" (215.9) SIZE

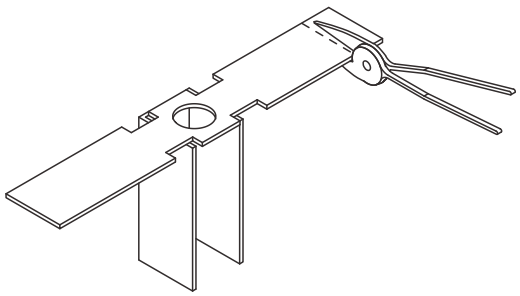








DIAMETER 3/8" (9.5) X 1-3/4" (44.5)
EMBEDMENT LENGTH OR STEEL
EXPANSION SHELL OR 3/8" (9.5)
FLATHEAD BOLT



THE EWA ANCHOR MAY BE TRIMMED TO FIT ANY FRAME OF STANDARD RABBET OR SINGLE RABBET 8-3/4" (222.3) OR LESS IN JAMB DEPTH AND EQUAL RABBET 8-3/8" (212.7) OR LESS IN JAMB DEPTH

* 1-1/2" MINIMUM 12 GA.

NOTE: 1-7/8 MIN. STOP WIDTH FOR QM PROFILE

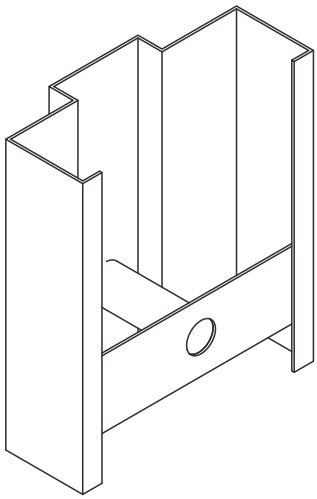
Pipe Spacer Anchor

Frame Technical Data

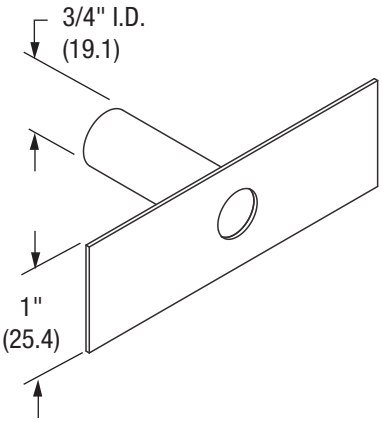
April, 2002

L

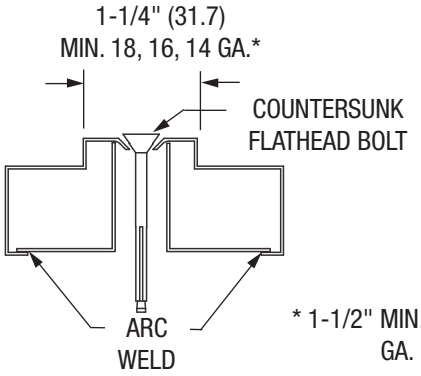
ANCHOR PART NUMBER: P0044
ORDER CODE LOOSE: PS
ORDER CODE WELDED: WPS



NOTE: FACE DIMENSION FOR PROFILE MUST BE EQUAL



DIAMETER 3/8" (9.5) X 1-3/4" (44.5) EMBEDMENT
LENGTH OR STEEL
EXPANSION SHELL OR 3/8" (9.5)
FLATHEAD BOLT

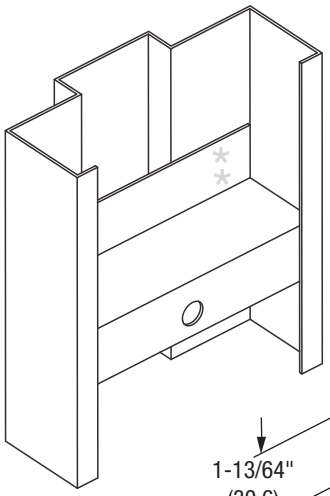


* 1-1/2" MIN. FOR 12 GA.

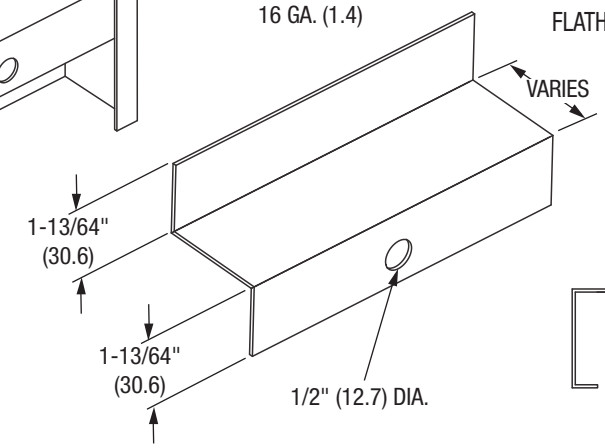
Spacing Bracket Anchor

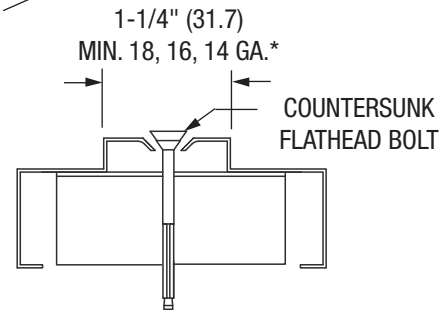
L

ANCHOR PART NUMBER: P0146
ORDER CODE LOOSE: SB
ORDER CODE WELDED: WSB



DIAMETER 3/8" (9.5) X 1-3/4" (44.5)
EMBEDMENT LENGTH OR STEEL
EXPANSION SHELL OR 3/8" (9.5)
FLATHEAD BOLT





* 1-1/2" MIN. FOR 12 GA.

CURRIES
ASSA ABLOY

Steel Channel Anchor - Slip-In

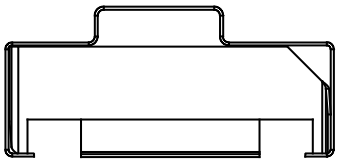
Frame Technical Data

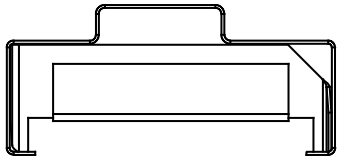
November, 2014

L

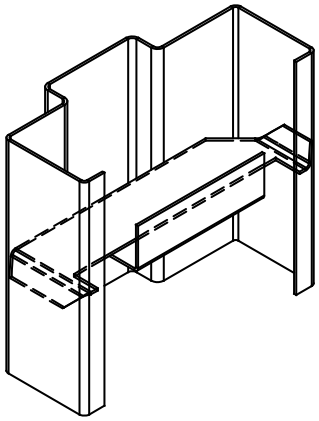
STANDARD (FLUSH)
ORDER CODE LOOSE: SCF

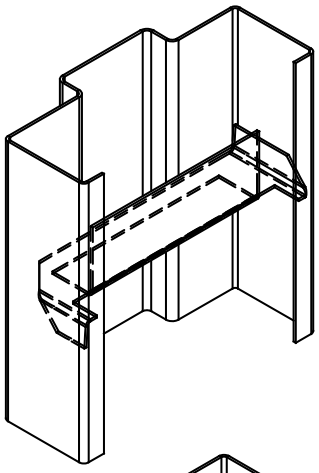
OPTIONAL (RECESSED)
ORDER CODE LOOSE: SCR

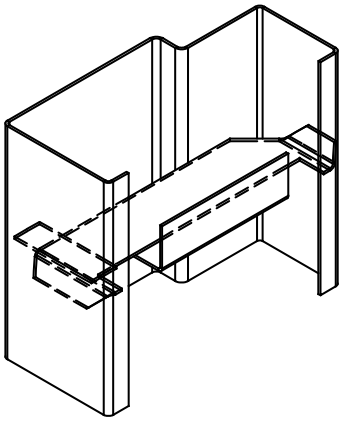


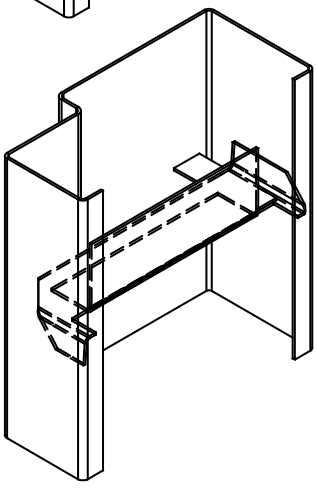


DOUBLE RABBET

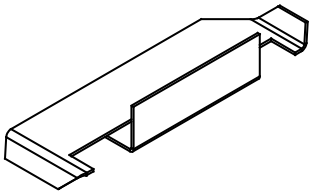


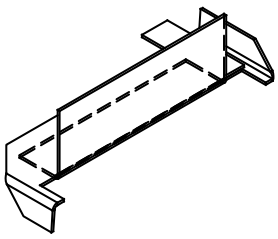






SINGLE RABBET/DE





NOTE: MINIMUM FACE OF 1-1/4" (31.8) REQUIRED FOR THIS ANCHOR TYPE

Steel Channel Anchor-Welded

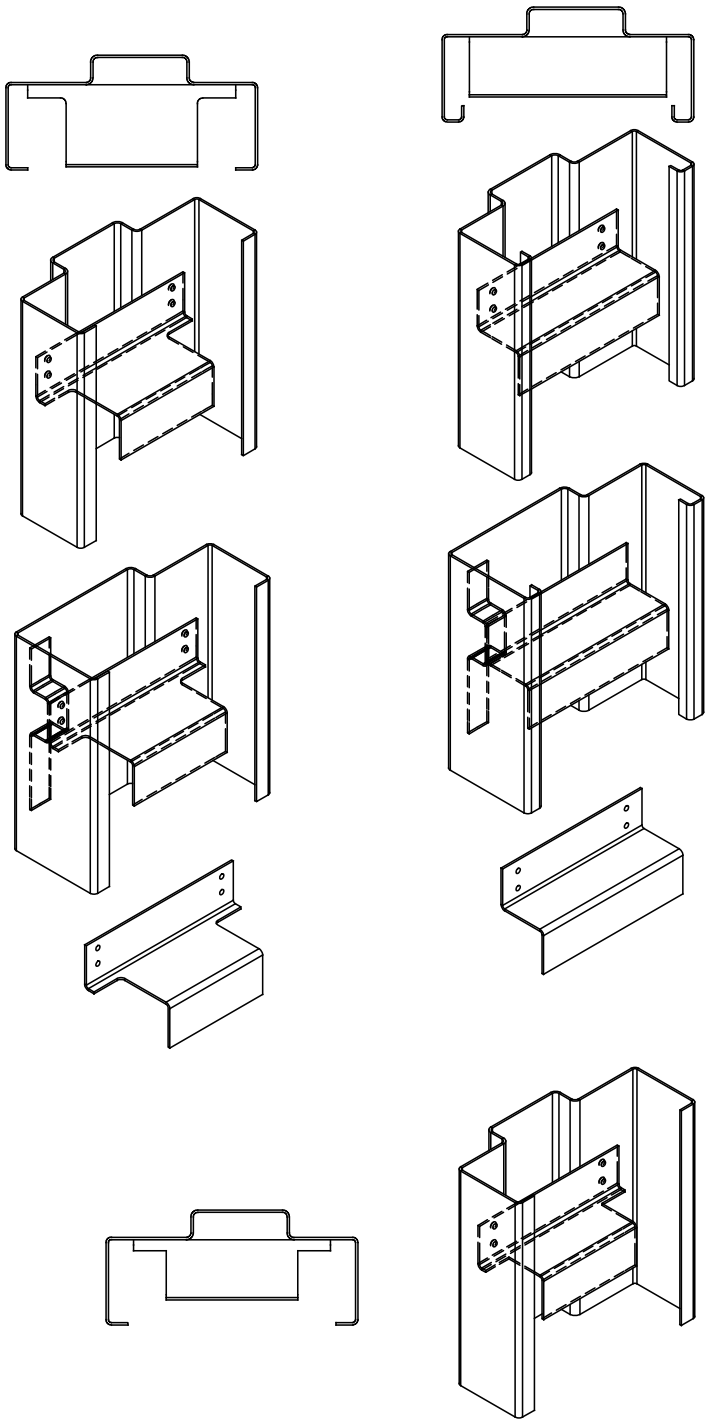
Frame Technical Data

November, 2014

L

STANDARD (FLUSH)
ORDER CODE: WSCF

OPTIONAL (RECESSED)
ORDER CODE: WSCR



DOUBLE RABBET

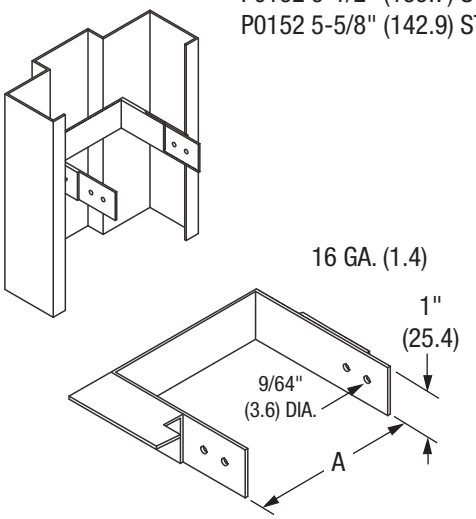
SINGLE RABBET/DE

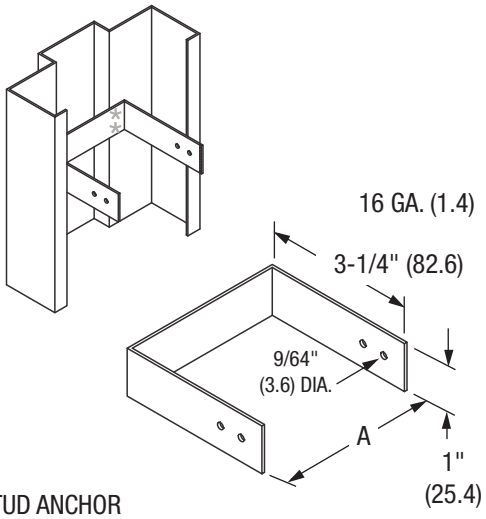
ELECTRICAL CONDUIT (RECESSED)
ORDER CODE: ESCR

NOTE: FLUSH ANCHORS ALLOW FOR 3/4" (19) DRYWALL. NEED TO SPECIFY IF GREATER.
FLUSH ANCHORS CAN BE USED WITH ELECTRICAL CONDUIT.

SLIP IN WOOD STUD ANCHOR - "M" SERIES FRAME ONLY
ORDER CODE LOOSE: WS
ANCHOR PART NUMBER:
(SPECIFY STUD SIZE)

"A" DIMENSIONS
P0152 3-1/2" (88.9) STUD
P0152 3-5/8" (92.1) STUD
P0152 5-1/2" (139.7) STUD
P0152 5-5/8" (142.9) STUD





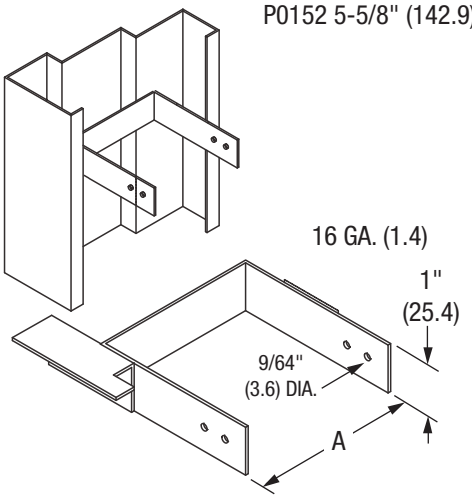
WELD IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WWS
ANCHOR PART NUMBER:
(SPECIFY STUD SIZE)

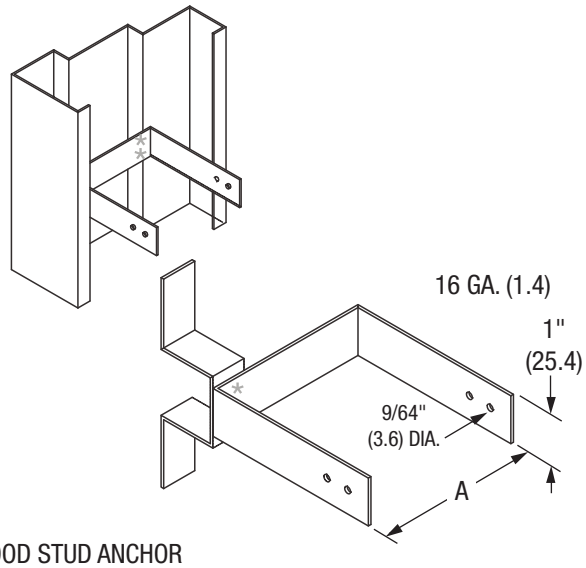
"A" DIMENSIONS
P0148 3-1/2" (88.9) STUD
P0140 3-5/8" (92.1) STUD
P0142 5-1/2" (139.7) STUD
P0144 5-5/8" (142.9) STUD

Wood Stud Anchors - Double Egress

SLIP IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WS
ANCHOR PART NUMBER:
(SPECIFY STUD SIZE)

"A" DIMENSIONS
P0152 3-1/2" (88.9) STUD
P0152 3-5/8" (92.1) STUD
P0152 5-1/2" (139.7) STUD
P0152 5-5/8" (142.9) STUD





WELD IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WWS
ANCHOR PART NUMBER:
(SPECIFY STUD SIZE)

"A" DIMENSIONS
P0148 3-1/2" (88.9) STUD
P0148 3-5/8" (92.1) STUD
P0148 5-1/2" (139.7) STUD
P0148 5-5/8" (142.9) STUD

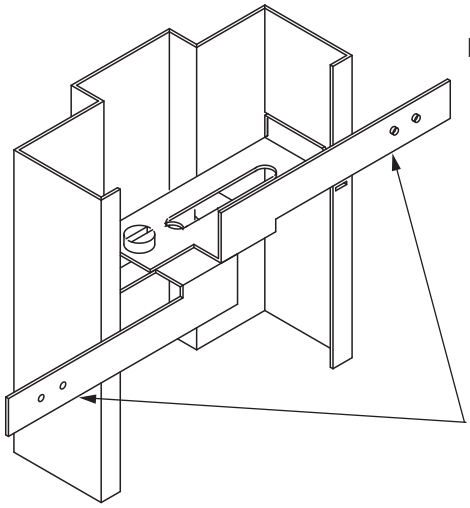
NOTE: SPECIFY JAMB OR HEAD ANCHOR WHEN ORDERING.
CURRIES WOOD STUD ANCHORS CAN BE USED WITH WOOD AND METAL STUDS.
BOTH ARE LABEL APPROVED.

Adjustable Multipurpose Anchor

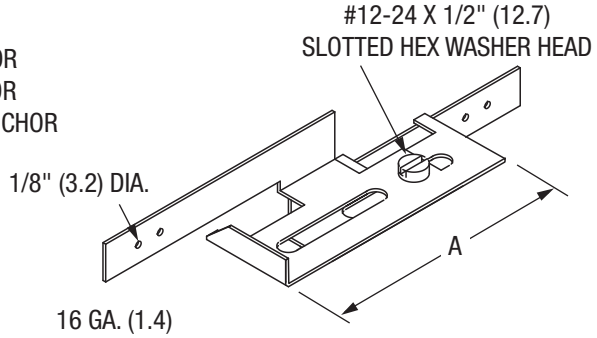
Frame Technical Data

October, 2010

ANCHOR PART NUMBER: P0027
ANCHOR CODE: AMP
“A” DIMENSION = JAMB DEPTHS OF 4-3/8" (111.1) THRU 6-3/4" (171.5)
2" (50.8) FACE FLUSH “M” SERIES OR DRYWALL “C” SERIES
FIELD ADJUSTED TO JAMB DEPTH. AVAILABLE AS SHIP LOOSE PART ONLY



FOR USE AS:
WOOD STUD ANCHOR
WIRE TRUSS ANCHOR
STEEL CHANNEL ANCHOR

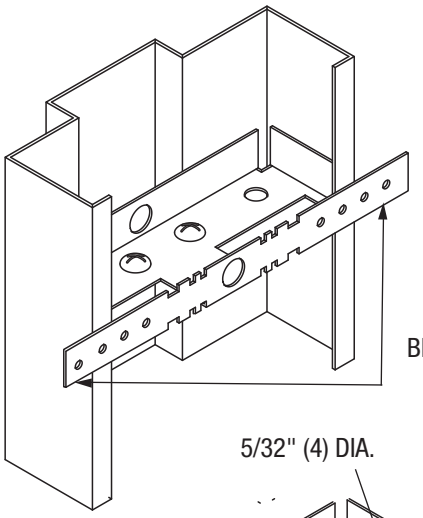


BEND OR TRIM LEGS TO SUIT WALL CONDITIONS

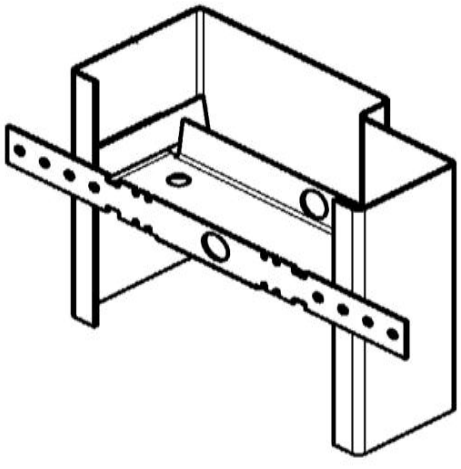
Multipurpose Anchor

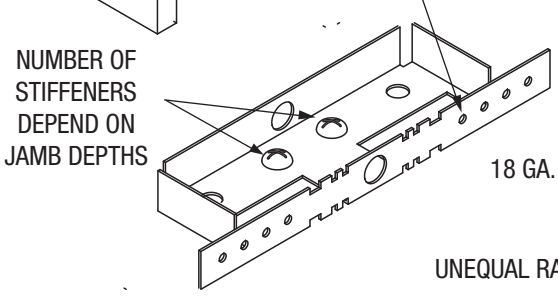
Ⓛ

ANCHOR PART NUMBER: P0045
ANCHOR CODE: MP
JAMB DEPTHS OF 4-3/4" (120.7) THRU 9-3/4" (247.6)
2" (50.8) FACE FLUSH “M” SERIES OR DRYWALL “C” SERIES
2" (50.8) X 2-5/8" (66.67) “G” SERIES OR DRYWALL “CG” SERIES



BEND OR TRIM LEGS TO SUIT WALL CONDITIONS





UNEQUAL RABBETS ONLY ON MASONRY WALLS

CURRIES
ASSA ABLOY

Multipurpose Anchor Installation - Drywall Return Frame

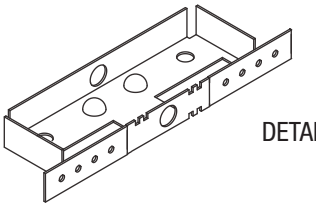
Frame Technical Data

November, 2004

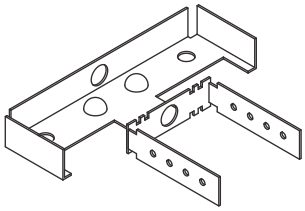
L

P0045

1. BEND LEGS OF ANCHOR 90˚ AS SHOWN IN DETAIL “A” (LEGS MAY HAVE TO BE BENT FURTHER IN LATER STEPS).



DETAIL “A”

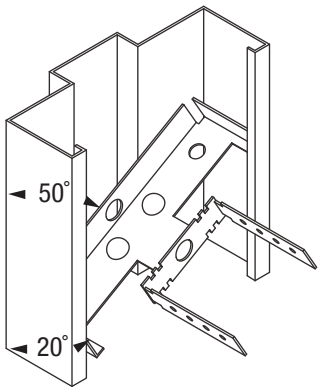


2. INSERT ANCHOR INTO FRAME THROAT TILTED AT APPROXIMATELY A 50˚ ANGLE AS SHOWN IN DETAIL “B”.

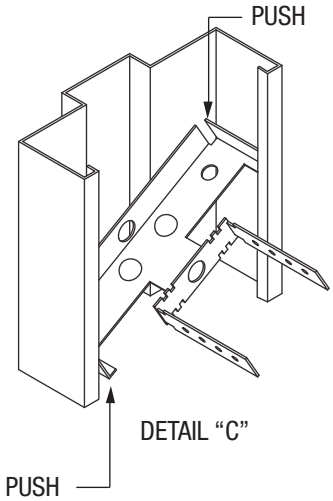
3. THE ANCHOR MUST ALSO BE INSERTED AT APPROXIMATELY A 20˚ ANGLE FROM THE RABBETS OF THE FRAME AS SHOWN IN DETAIL “B”. THE FLANGES ON THE ANCHOR MUST CLEAR THE BACKBEND RETURNS.

4. TWIST THE ANCHOR INTO PLACE BY APPLYING PRESSURE IN THE OPPOSITE DIRECTIONS TO EACH SIDE OF THE ANCHOR AS SHOWN IN DETAIL “C”.

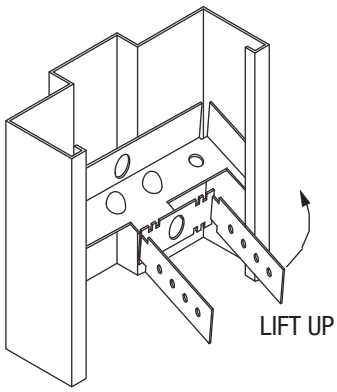
5. ONCE THE ANCHOR HAS SNAPPED INTO PLACE, DETAIL “D”, TURN IT UP INTO THE CORRECT POSITION AS SHOWN IN DETAIL “E” LEGS SHOULD BE BENT BACK TO THE ORIGINAL POSITION IF NECESSARY.



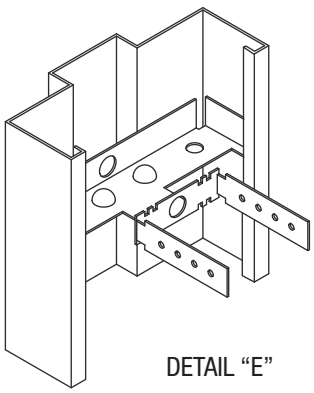
DETAIL “B”



DETAIL “C”



DETAIL “D”



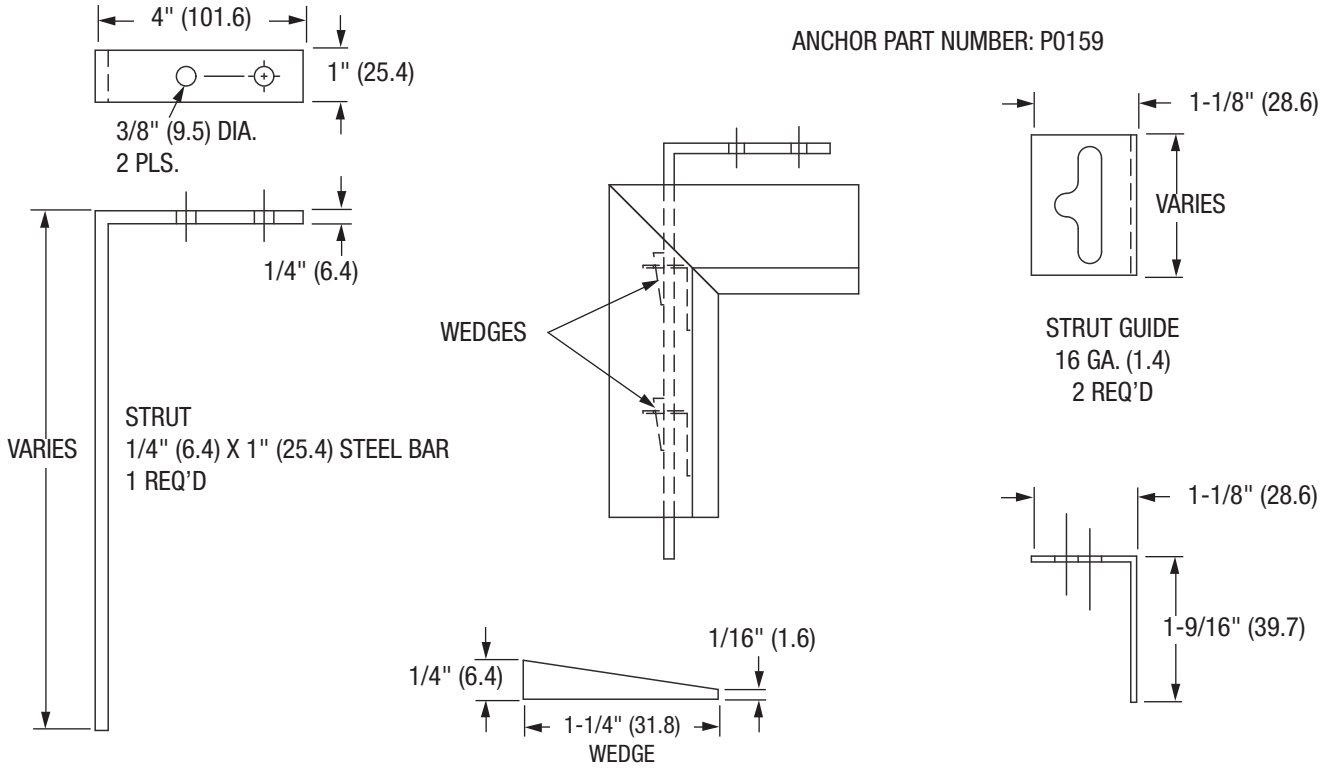
DETAIL “E”

Ceiling Strut Anchor

Frame Technical Data

September, 2005

L

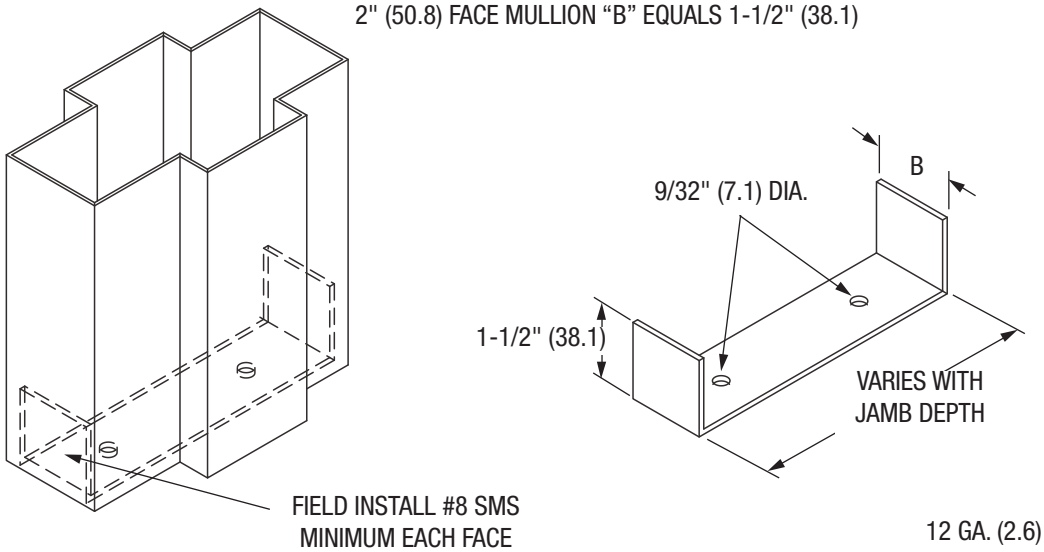


Mullion Stirrup Anchor

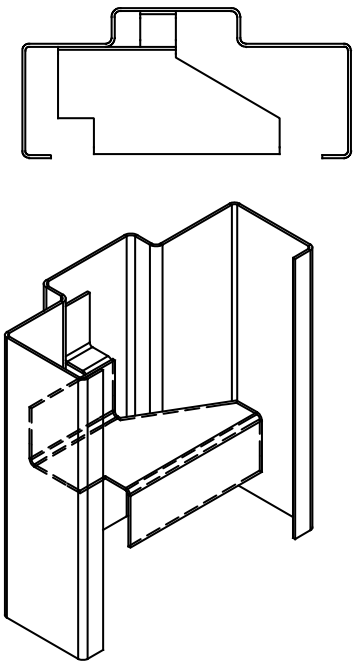
L

ANCHOR PART NUMBER: P0089

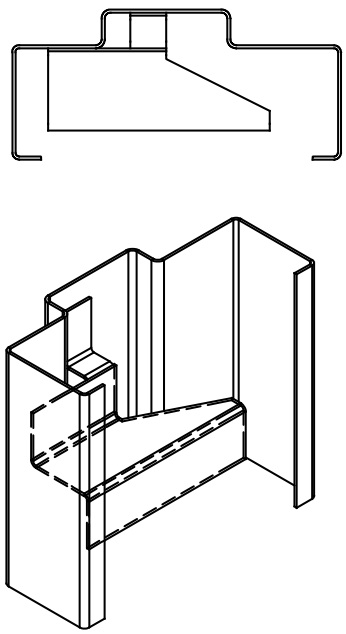
DIMENSION "B" VARIES WITH FACE DIMENSION
2" (50.8) FACE MULLION "B" EQUALS 1-1/2" (38.1)



STANDARD (FLUSH)
WELD CODE: WSCF-LL

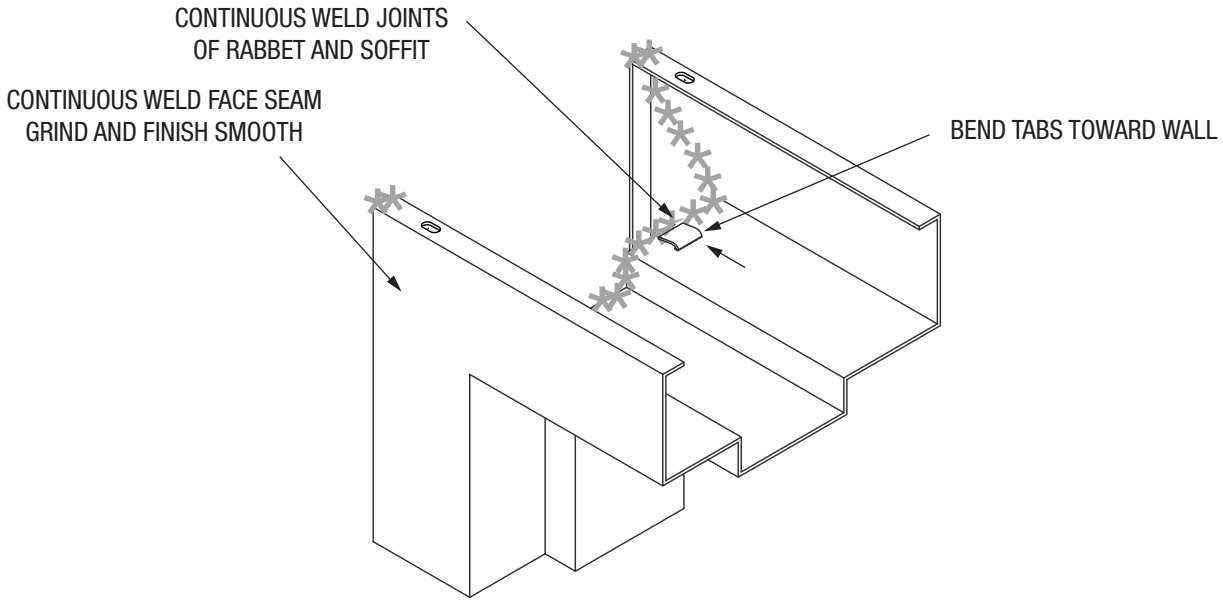


OPTIONAL (RECESSED)
WELD CODE: WSCR-LL



Full Weld KD

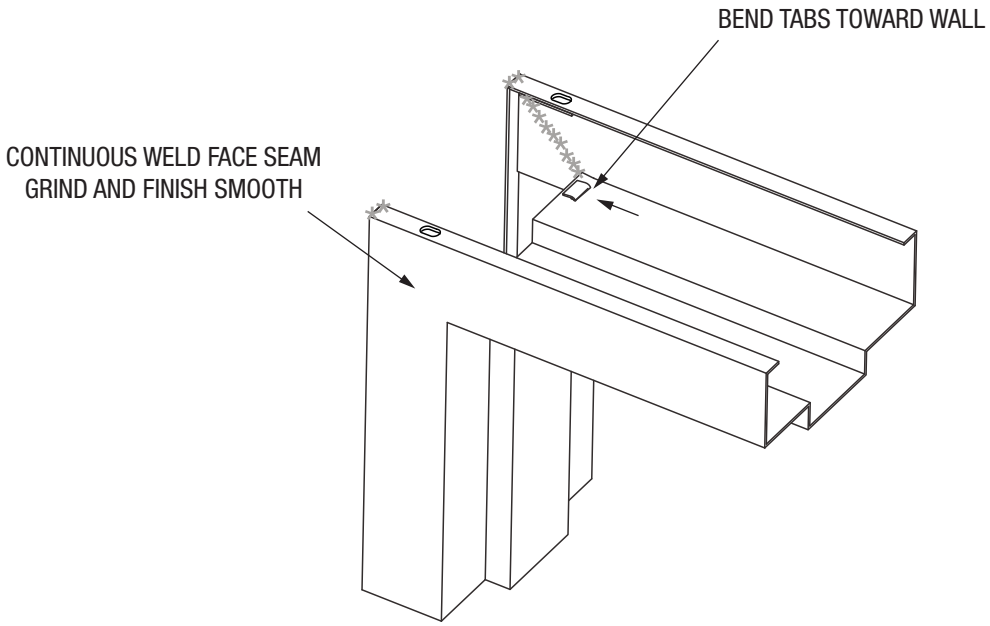
WELD CODE: FW



February, 2013

L

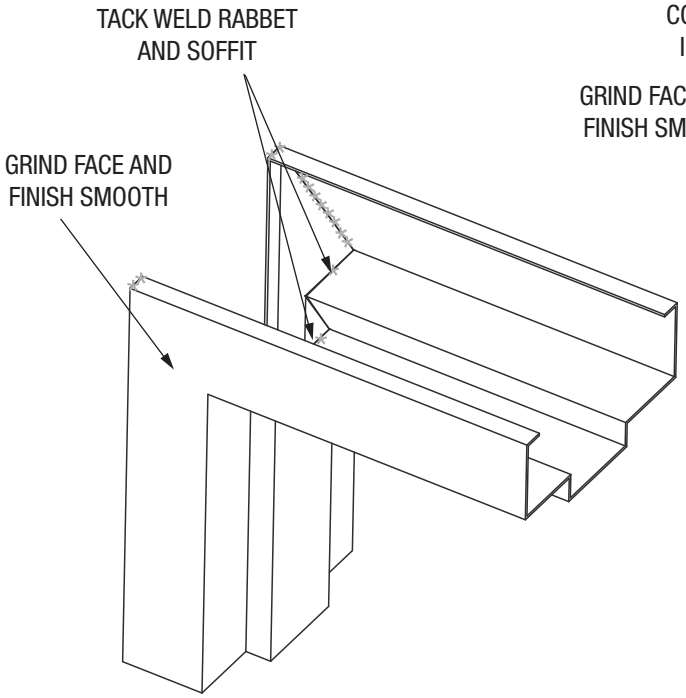
WELD CODE SW (KD)



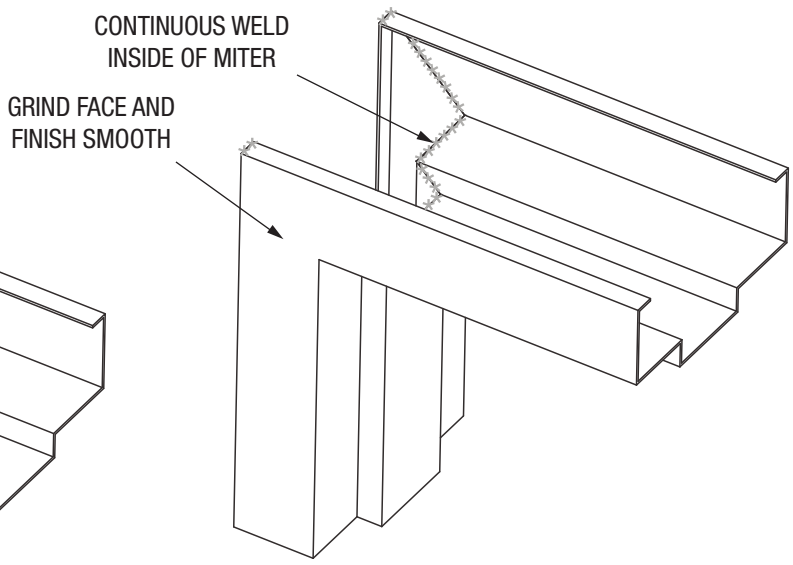
Saw Miter Weld

L

WELD CODE SMT

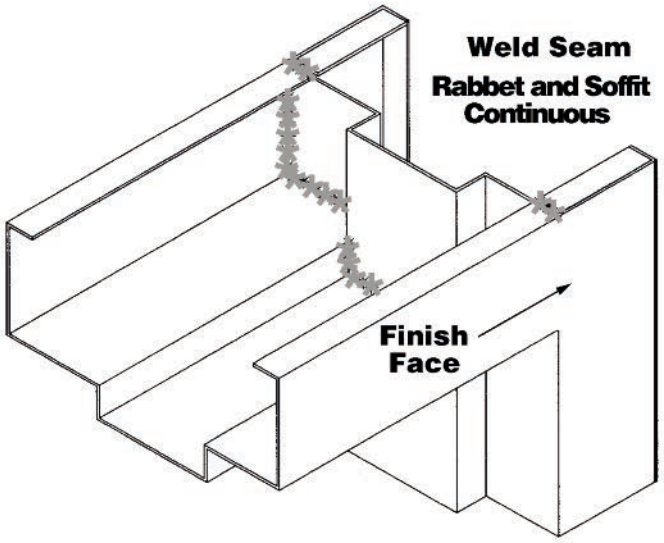


WELD CODE SMW

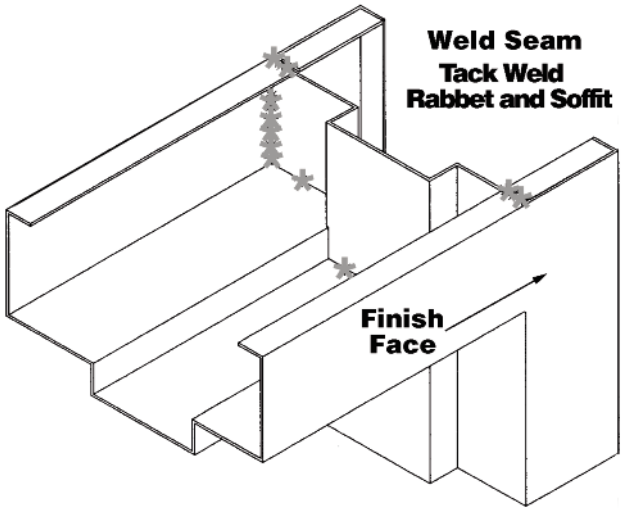


L

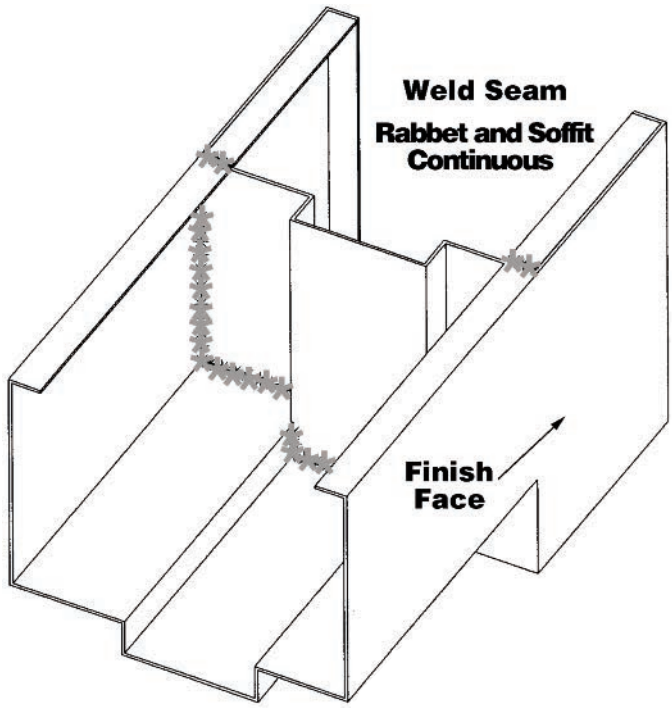
WELD CODE BEW (≤3)



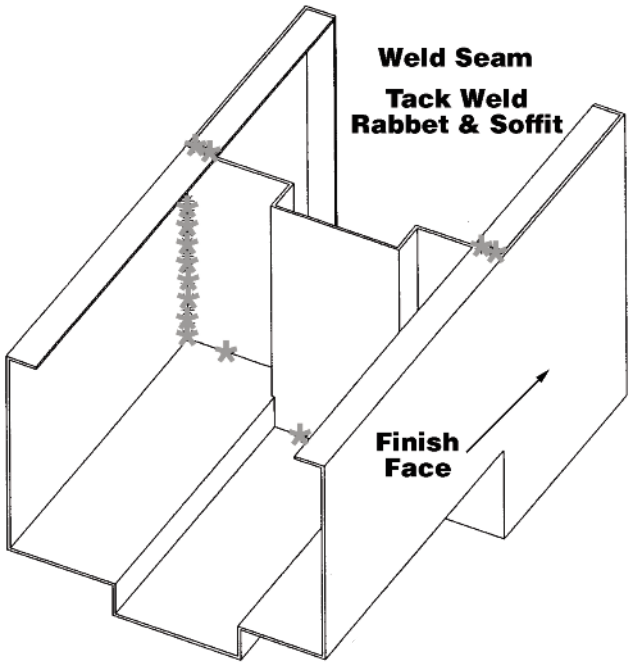
WELD CODE BET (≤3)



WELD CODE SBW (>3)



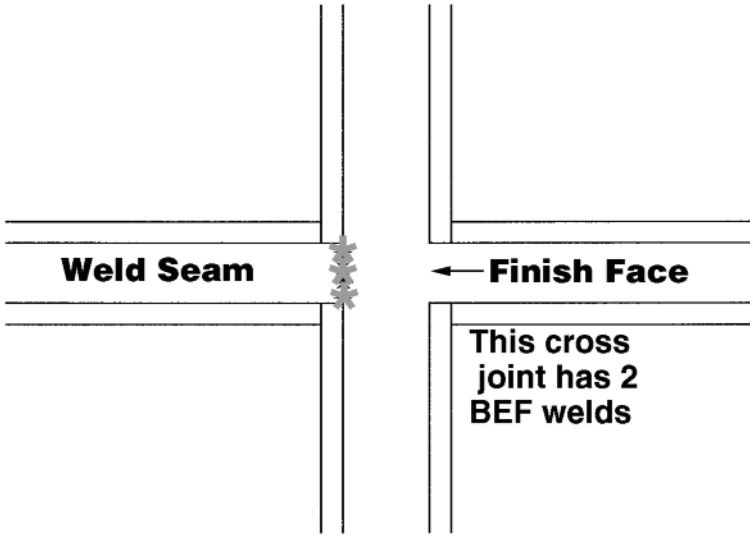
WELD CODE SBT (>3)



July, 2003

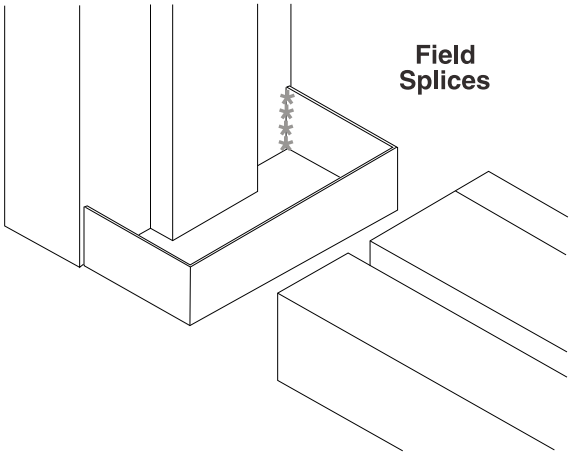
L

WELD CODE BEF 10

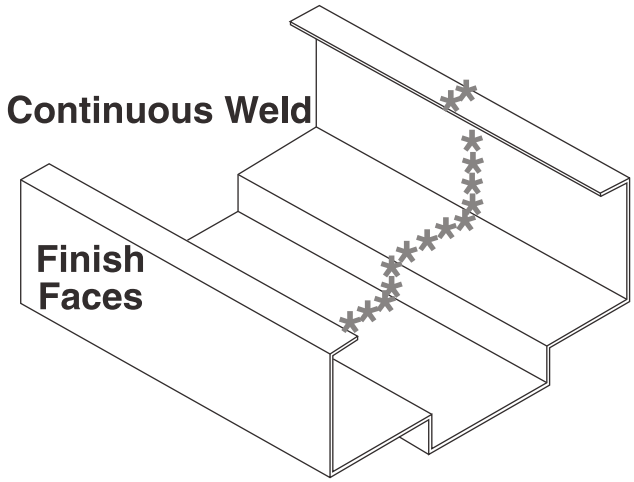


L

WELD CODE FSP



WELD CODE WSP



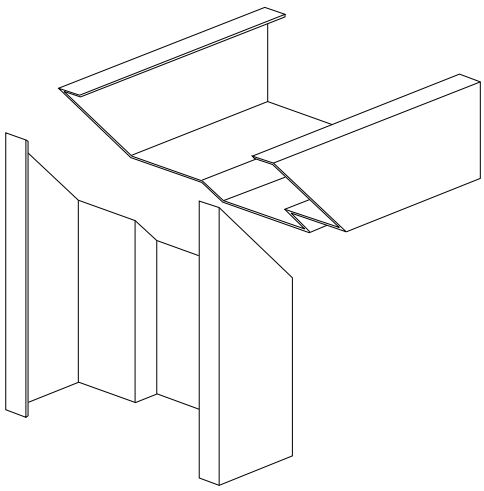
NOTE: FACTORY WELDED FRAMES EXCEEDING 9' X 14' WILL BE PROVIDED WITH FIELD SPLICES

Saw Miter Only

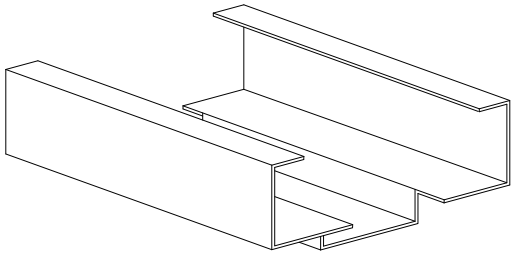
NOTE: PREPARED FOR DISTRIBUTOR WELDING

L

WELD CODE SMO

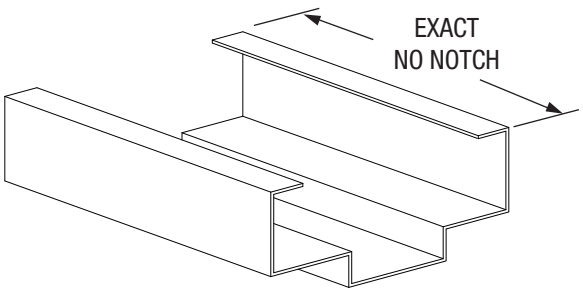


WELD CODE SBE



EXACT
NOTCH TOP JAMBS
NOTCH BOTH ENDS. (BLANK OR HEADS)

WELD CODE EBE



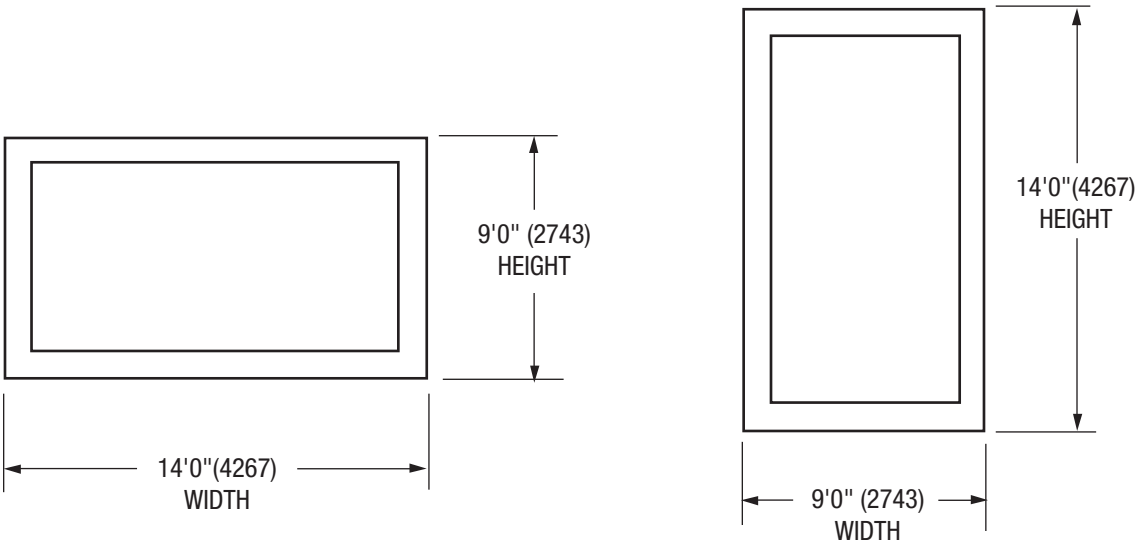
Field Splice Frames

Frame Technical Data

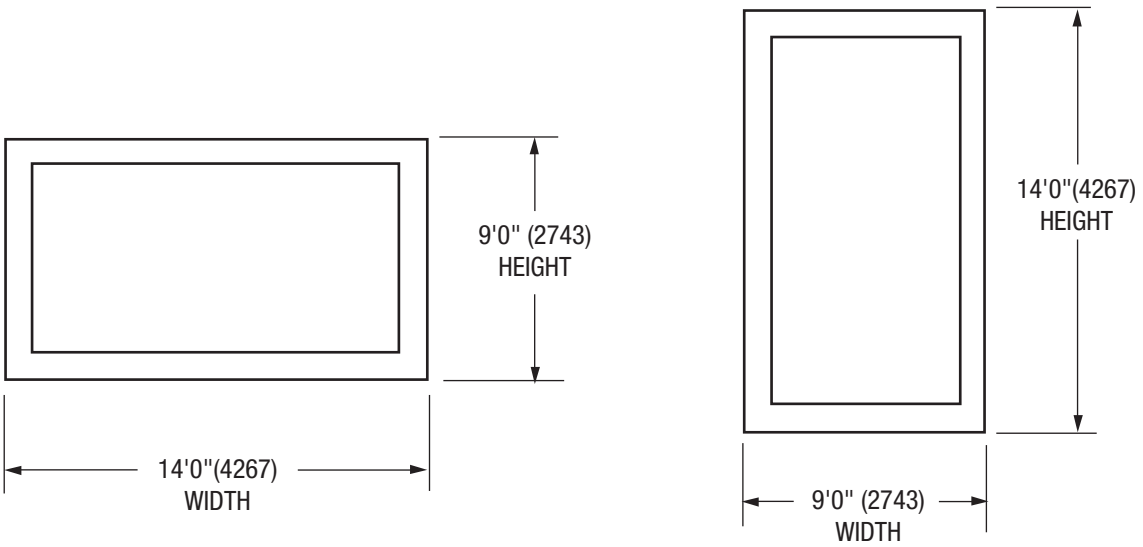
June, 2010

FRAMES FACTORY WELDED AT CURRIES:

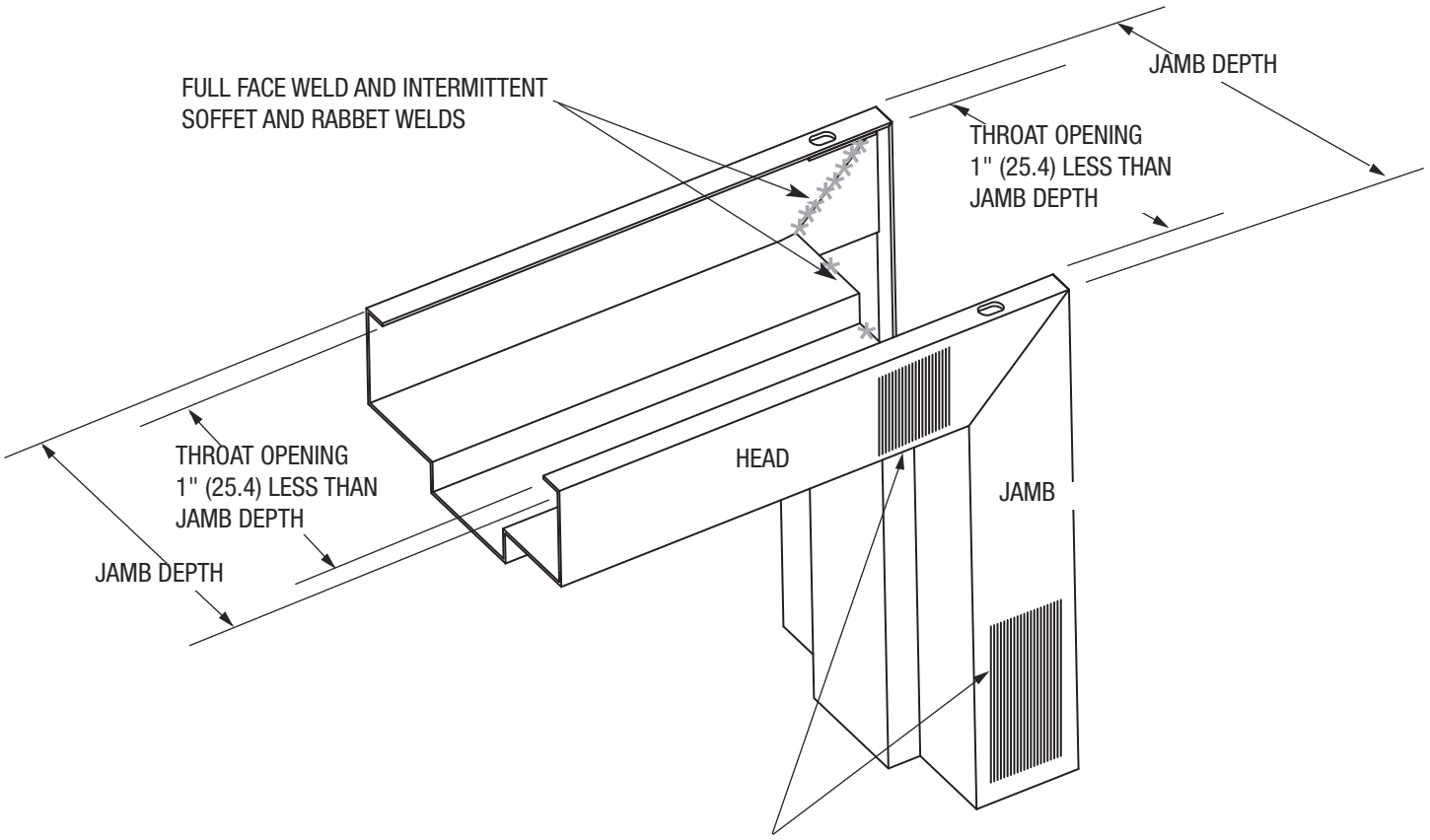
PROVIDE FIELD SPLICES FOR FRAMES THAT EXCEED OVERALL SIZE SHOWN.



FRAMES FACTORY WELDED AT REGIONAL SERVICE CENTERS:



L

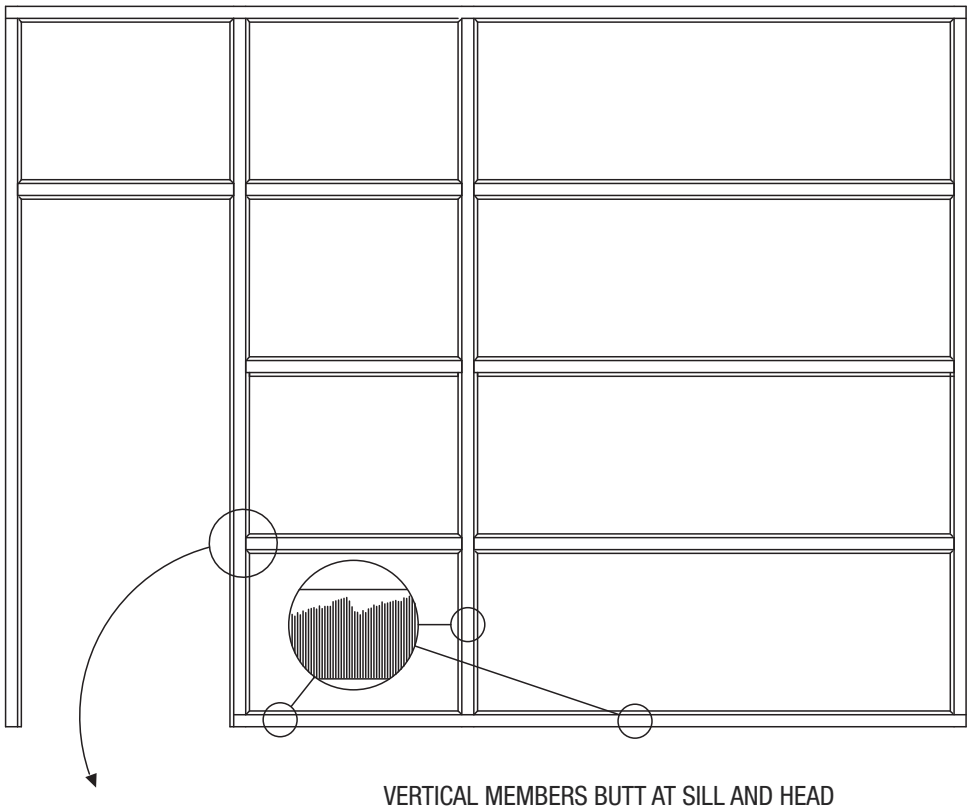


304 OR 316 STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

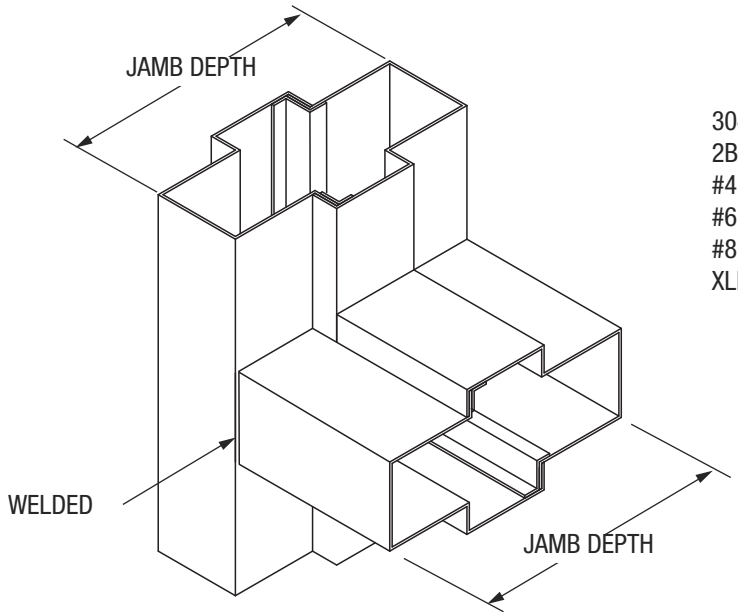
Stainless Steel Sidelight Frame

Frame Technical Data

February, 2014



VERTICAL MEMBERS BUTT AT SILL AND HEAD

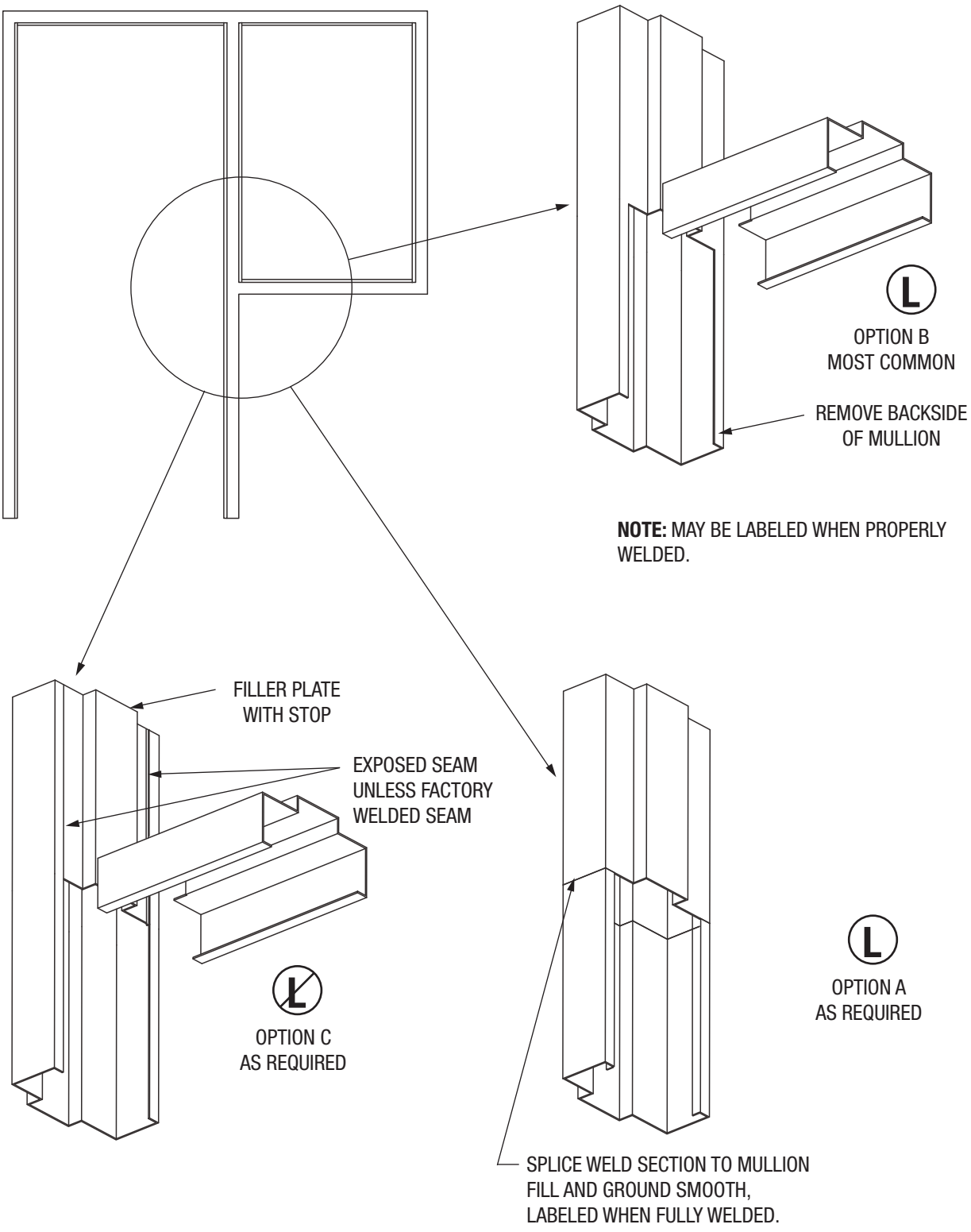


304 OR 316 STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

Half Sidelite Window Option

Frame Technical Data

July, 2003

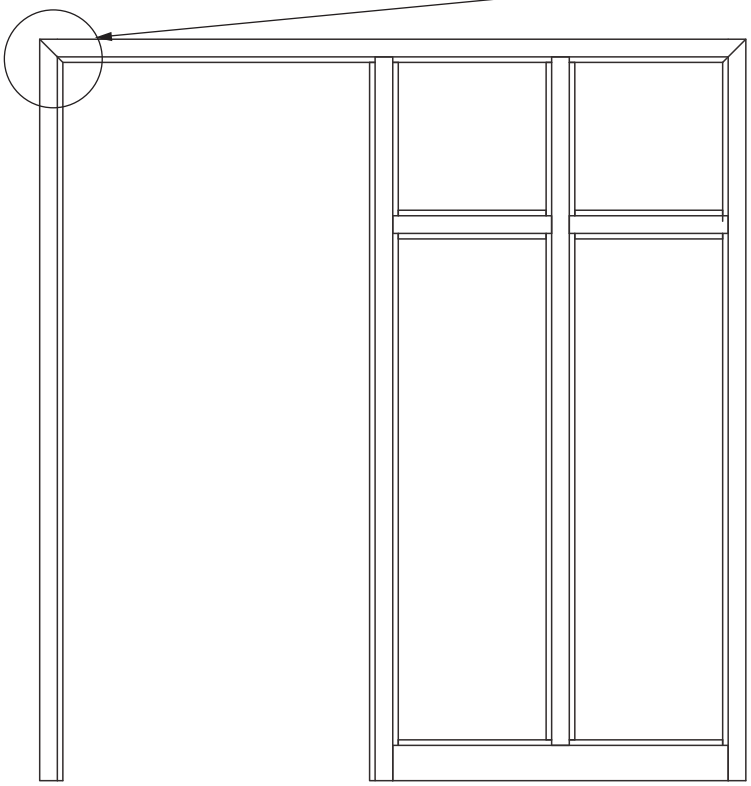


Cut and Notch Options

Frame Technical Data

April, 2002

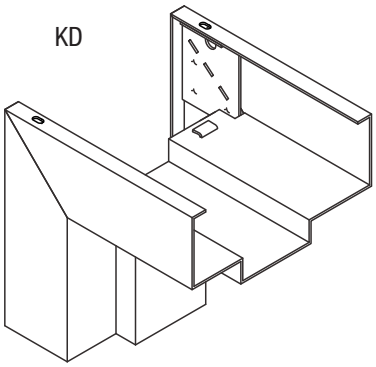
L



CORNER: KD STANDARD WHEN POSSIBLE
MUST MEET KD PARAMETERS
SAW MITER:* IF FACES OF HEAD AND JAMB ARE EQUAL
1. EXCEPT: 4" (101.6) FACE HEAD TO 2" (50.8) FACE JAMB
BUTT END:* IF FACES ARE UNEQUAL

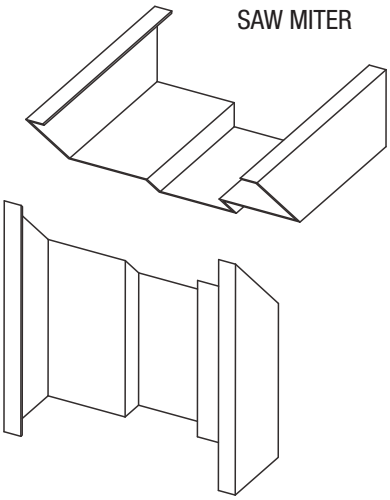
* SMO OR SBE MUST BE NOTED IN CONSTRUCTION COLUMN.

NOTE: MAY BE LABELED WHEN PROPERLY WELDED

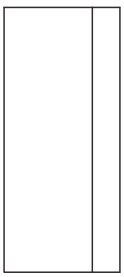


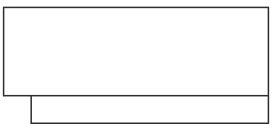
KD

NOTE: MAY BE LABELED WHEN FACE WELDED



SAW MITER

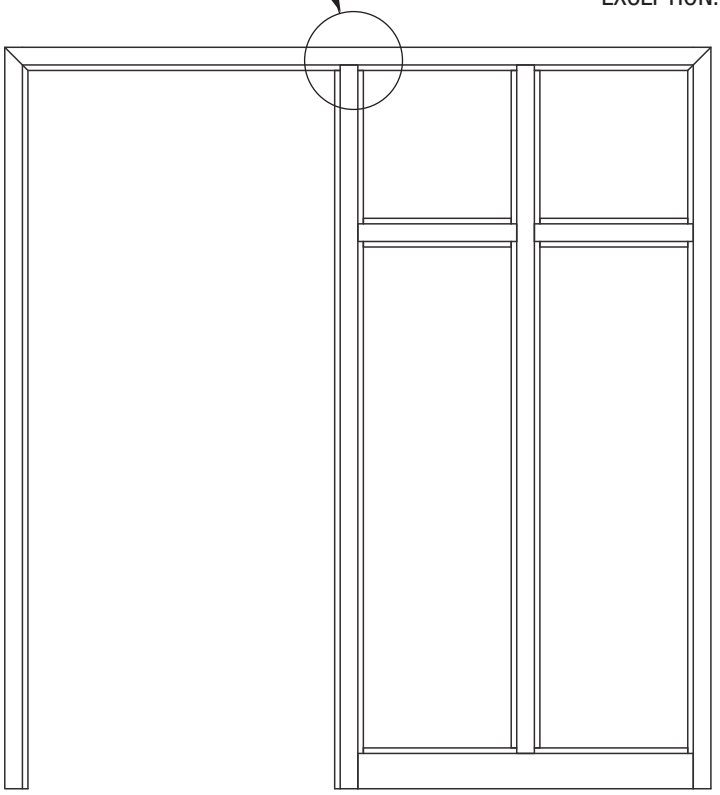




BUTT END

L

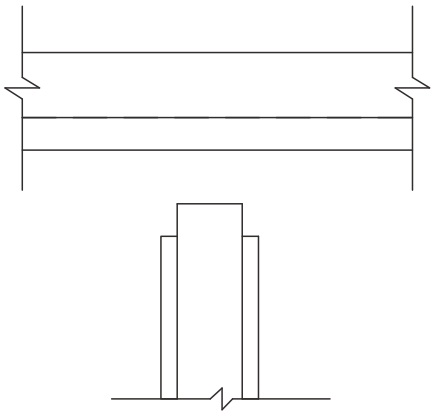
STRIKE MULLION: NOTCH TOP

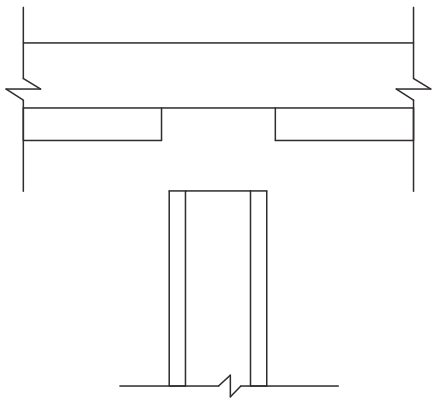


EXCEPTION: WILL RUN THROUGH HEAD IF HEAD PROFILE IS DIFFERENT ON GLASS SIDE
EXAMPLE: "M" PROFILE AT DOOR OPENING
"G" PROFILE AT WINDOW SIDE
RUN MULLION THROUGH IF HEAD FACES ARE DIFFERENT FROM DOOR SIDE TO GLASS SIDE OR IF FIELD SPLICE IS REQUIRED

NOTE: MAY BE LABELED WHEN PROPERLY WELDED

NOTE: PROVIDES ACCESS FOR ELECTRICAL CONDUIT OR GROUT



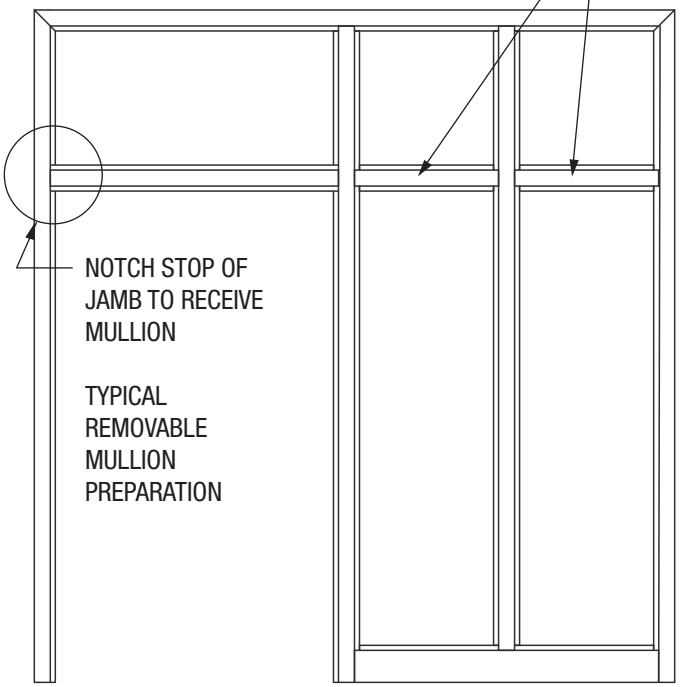


Cut and Notch Options

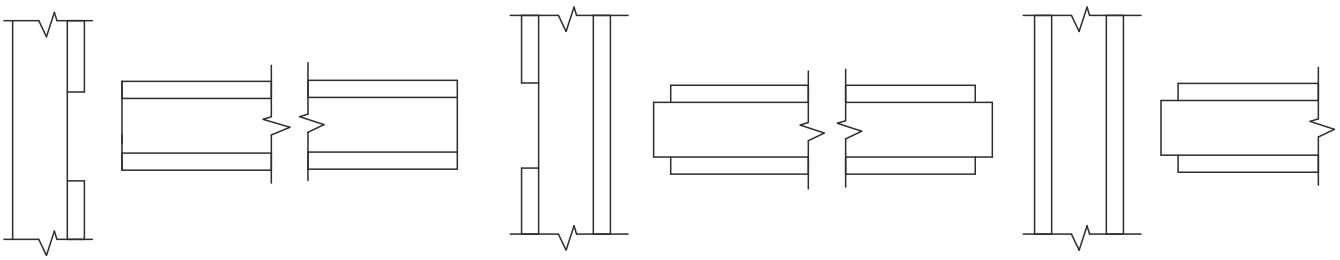
Frame Technical Data

April, 2002

L

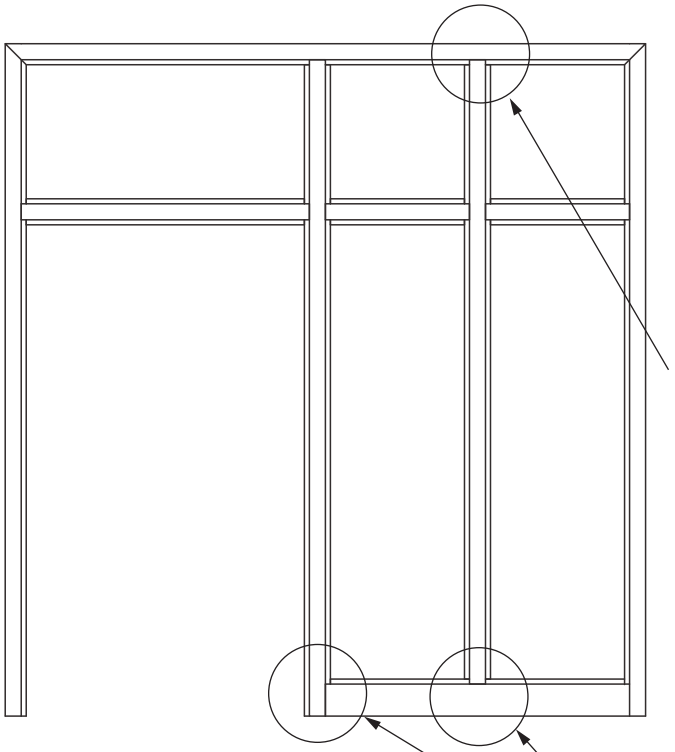


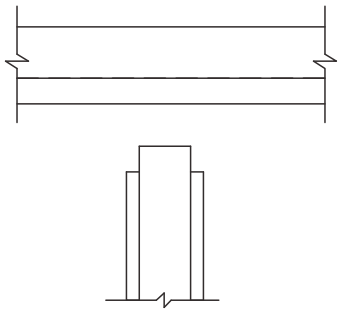
NOTE: MAY BE LABELED WHEN PROPERLY WELDED



OPTIONAL

STANDARD





MULLION:

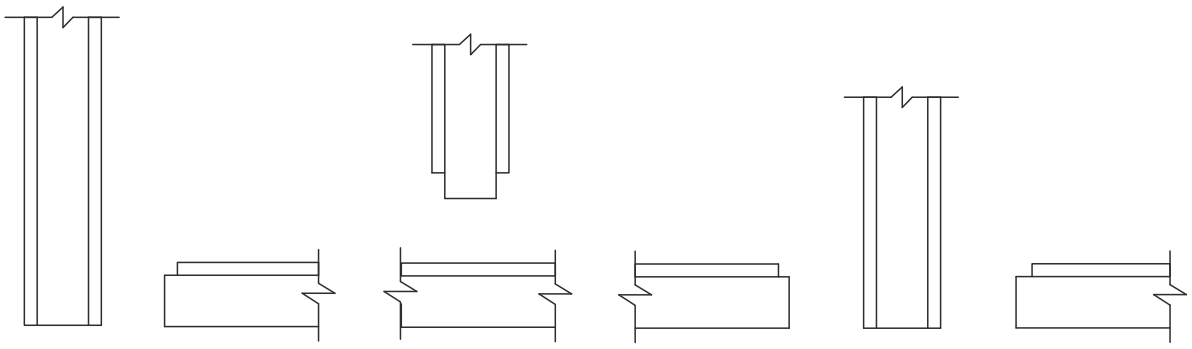
NOTCH TOP AND BOTTOM, WILL RUN THROUGH FROM HEAD TO TOP OF SILL

1. EXCEPTION: WILL RUN MULLION THROUGH TO FLOOR RATHER THAN SPLICE 2 SECTIONS OF SILL TOGETHER
2. EXCEPTION: RUN MULLION THROUGH HEAD AND SILL IF FIELD SPLICE IS REQUIRED

NOTE: MAY BY LABELED WHEN PROPERLY WELDED

SILLS:

NOTCH BOTH ENDS TO BUTT BETWEEN VERTICAL MEMBERS



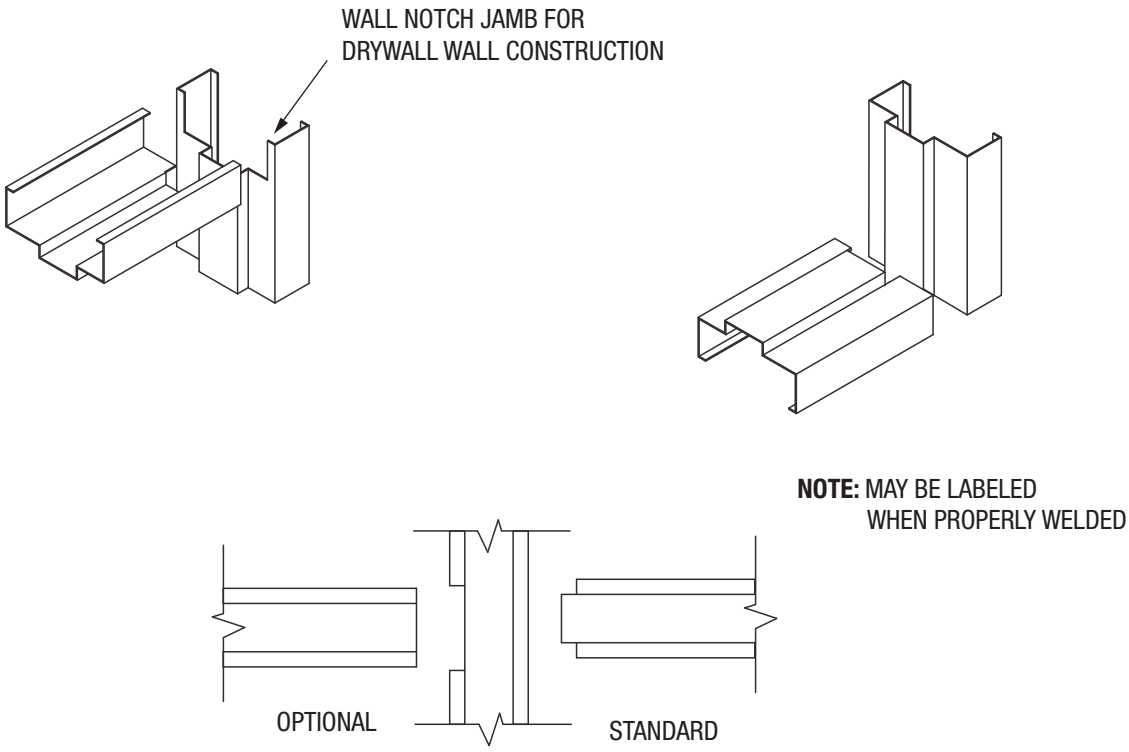
STANDARD

STANDARD

OPTIONAL

June, 2009

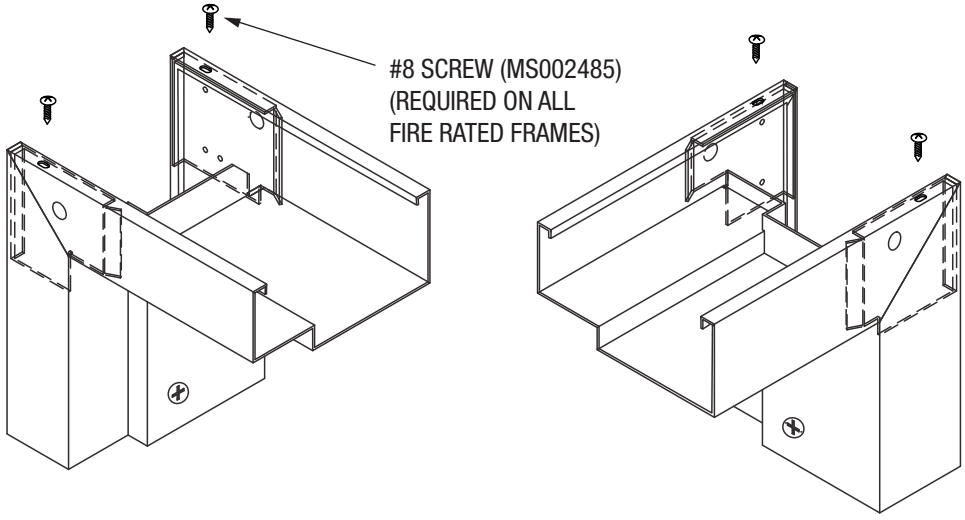
(L)



NOTE: MAY BE LABELED
WHEN PROPERLY WELDED

Drywall KD "CG" Profile Corner Details

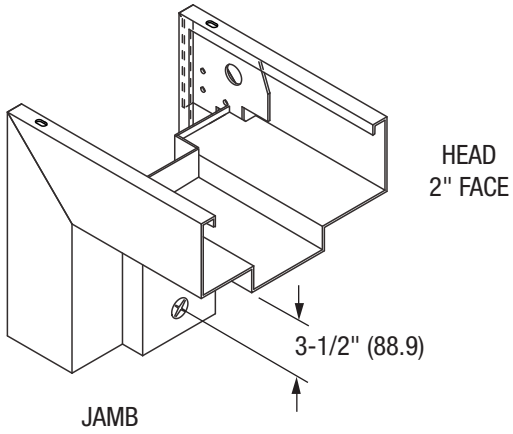
(L)



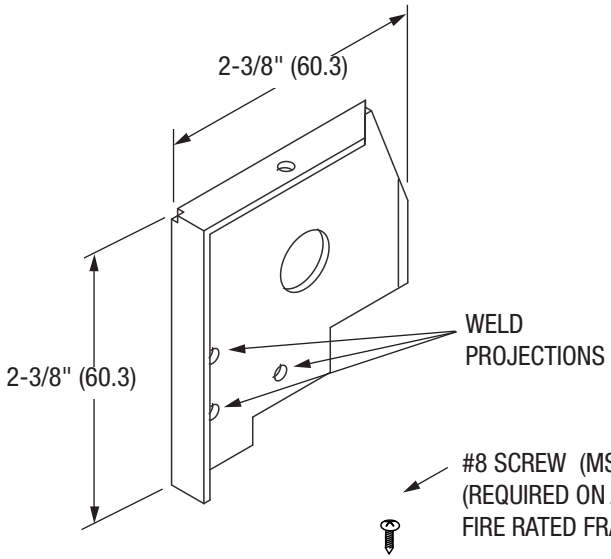
Drywall KD Frame Corner Clip Detail

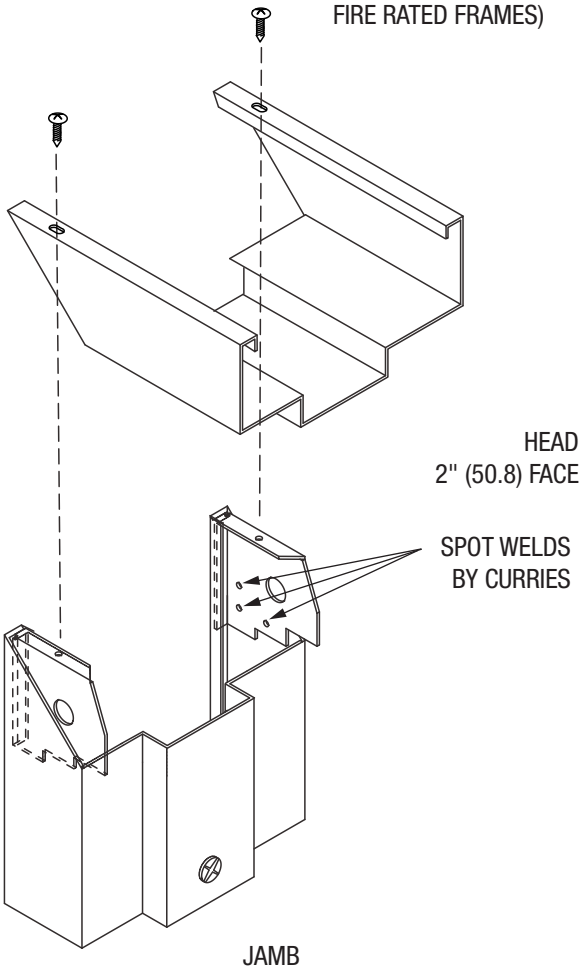
Frame Technical Data

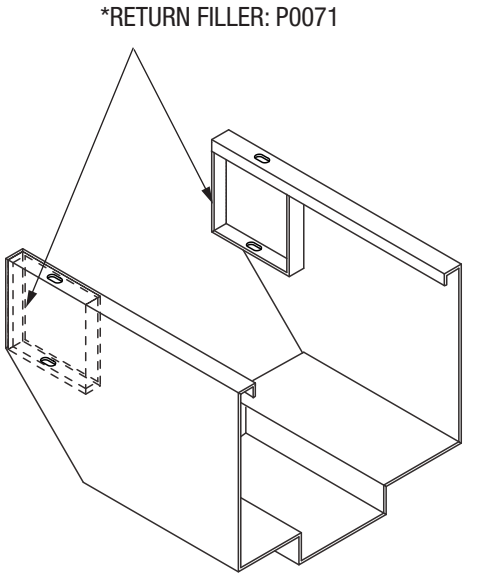
June, 2009



C PROFILE CORNER







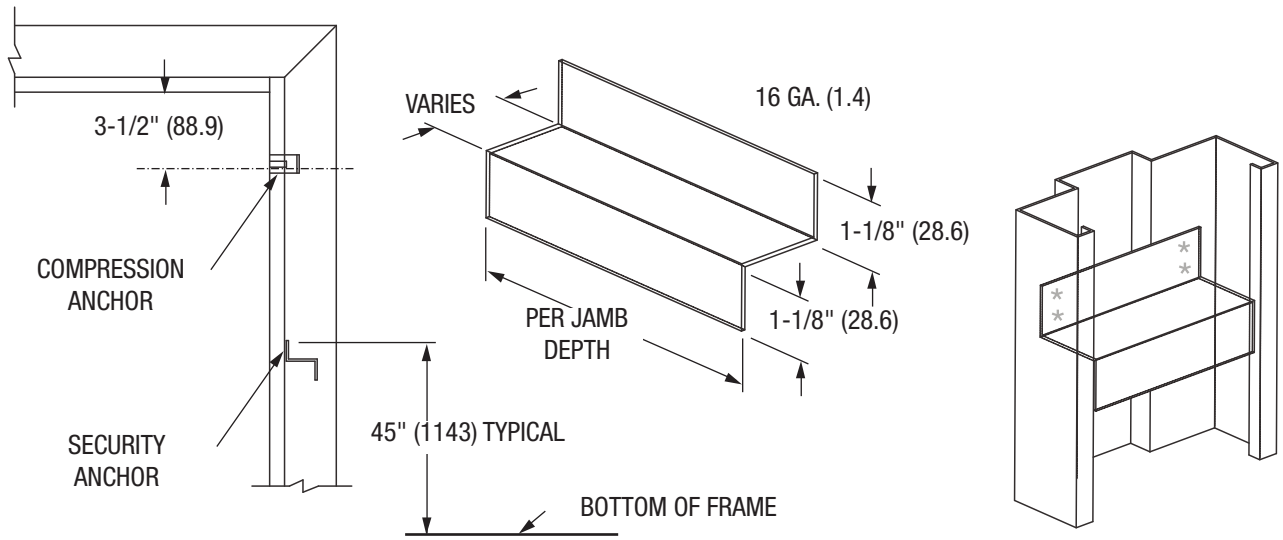
Security Anchor

Frame Technical Data

April, 2002

L

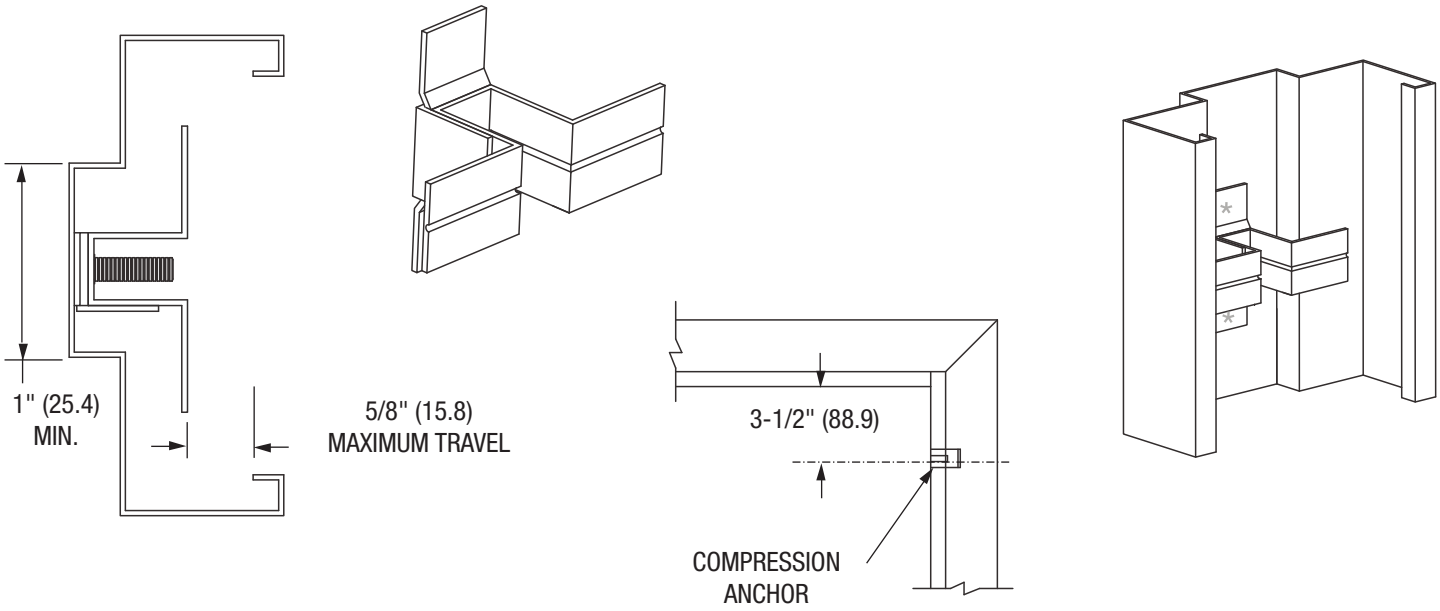
ANCHOR PART NUMBER: P0028



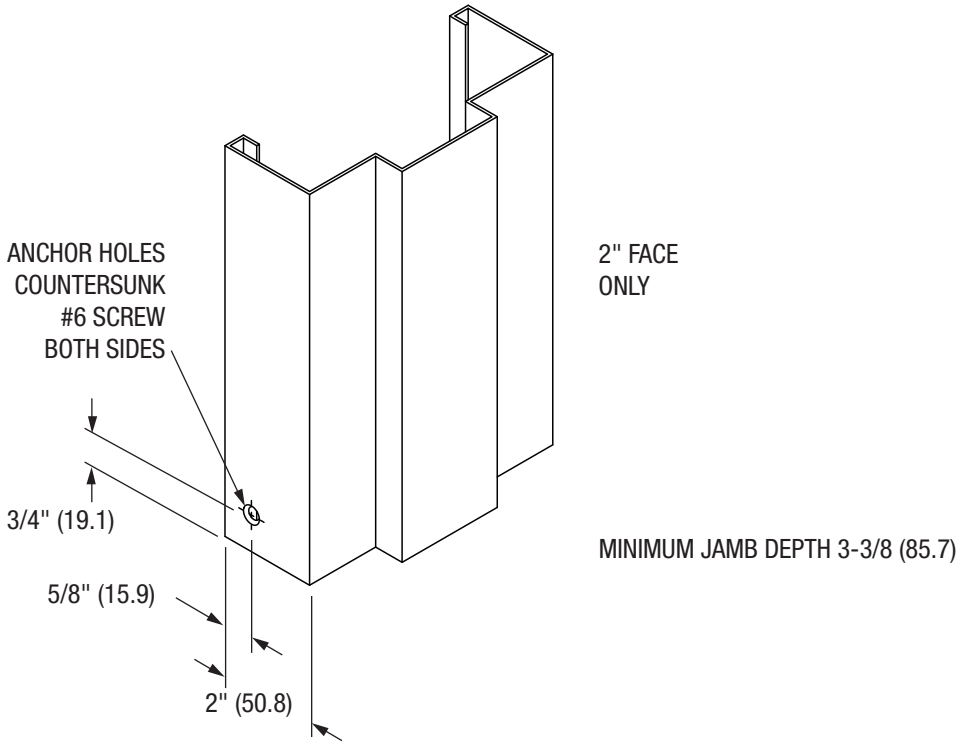
Drywall Frame Compression Anchor

L

ANCHOR PART NUMBER: P0026 (2" FACE)
ANCHOR PART NUMBER: P0018 (1-1/2" TO 1-3/4" FACE)



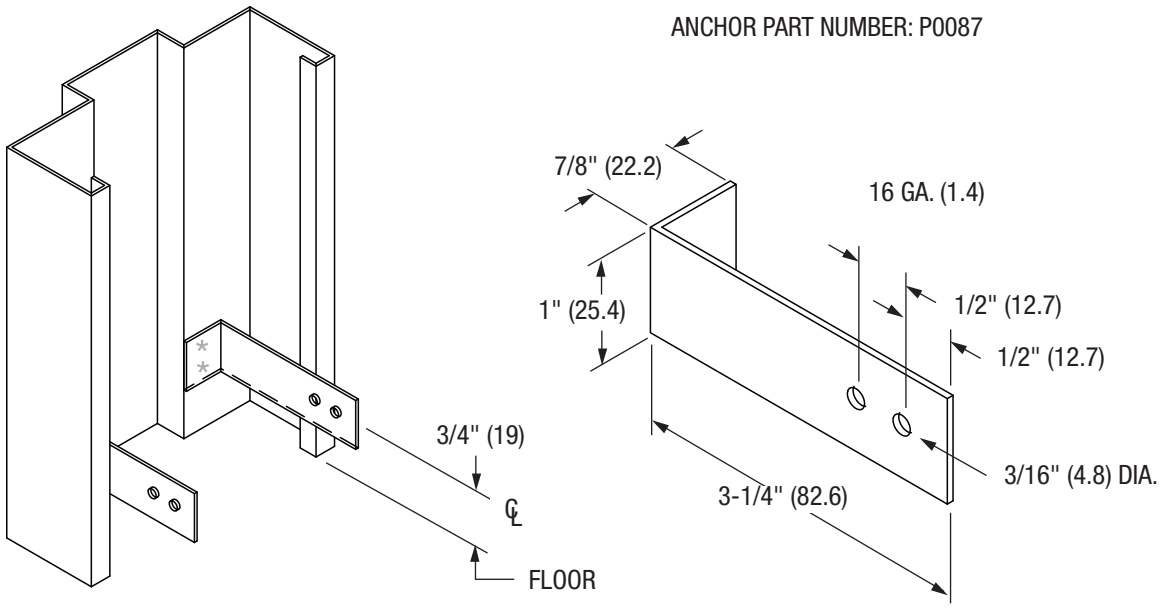
L



Drywall KD Frame Optional Base Anchor

L

ANCHOR PART NUMBER: P0087

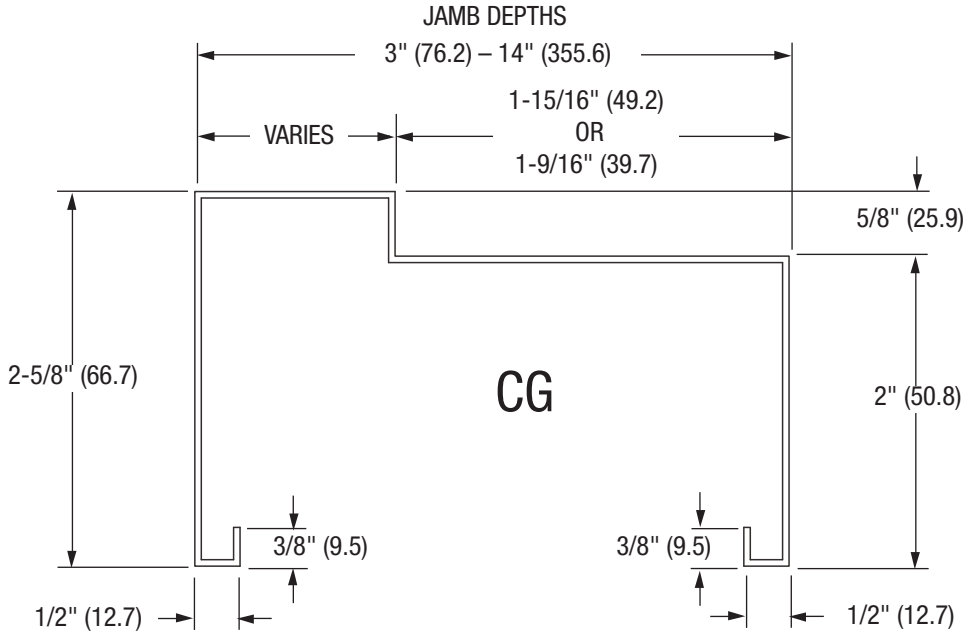


NOTE: REQUIRED ON 1-1/2" (38.1), 1-3/4" (44.5) FACE DRYWALL FRAMES. 3", 3-1/8", 3-1/4", JAMB DEPTHS.

CURRIES
ASSA ABLOY

April, 2002

L



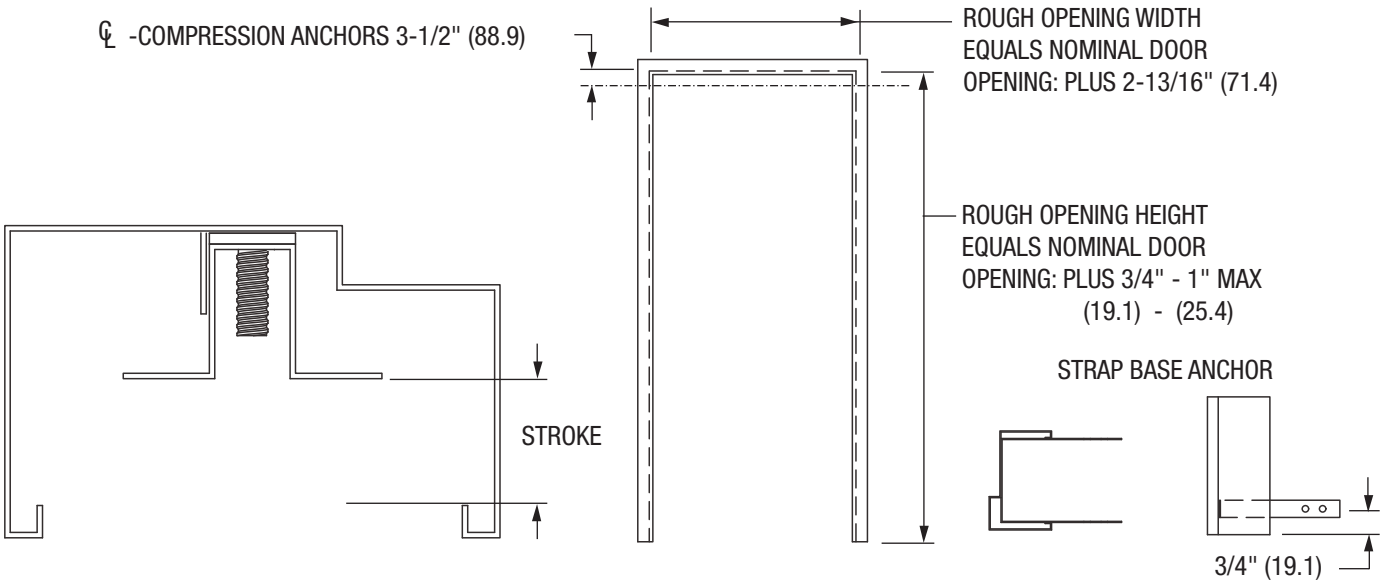
GAUGE - 18 GA. (1.2), 16 GA. (1.4)

NOTE: AVAILABLE WITH 4" (101.6) FACE HEAD WITH 4-1/2" (114.3) MINIMUM JAMB DEPTH

Compression Anchor System Narrow Jamb Depth

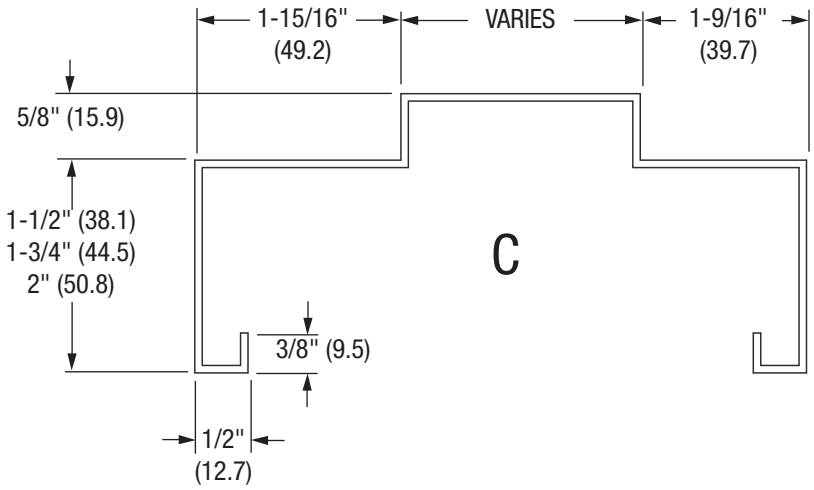
L

CG PROFILE *
1-3/8" (34.9) DOOR - 3" (76.2) JAMB DEPTH
1-3/4" (44.5) DOOR - 3" (76.2), 3-1/8" (79.4), 3-1/4" (82.6), 3-3/8" (85.7) JAMB DEPTH



* "CG" PROFILE JAMB DEPTHS NOT LISTED ABOVE USE STD. DRYWALL ROUGH OPENING DIMENSIONS

L

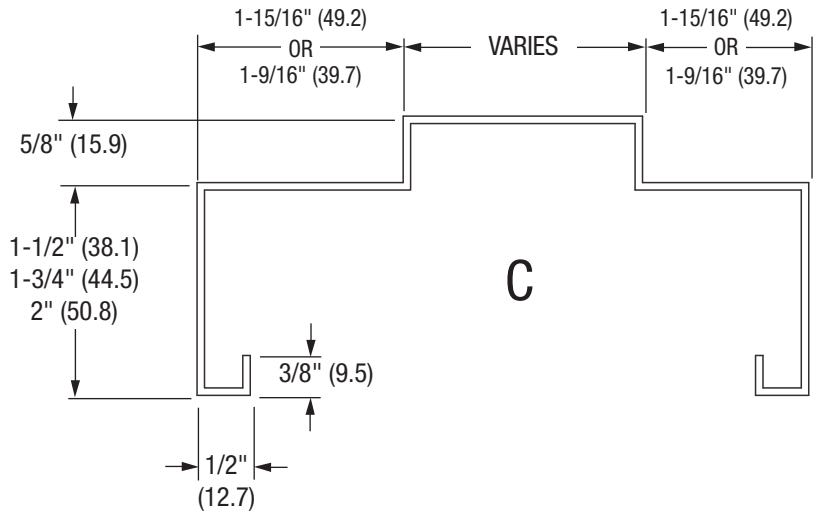


KD DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9) *
UNEQUAL RABBET
JAMB DEPTH 4-1/2" (114.3) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
2" (50.8) FACE AVAILABLE WITH 4" (101.6) HEADS

NOTE: 14 GA. AVAILABLE WITH 2" (50.8) FACE ONLY

Drywall KD Frame Equal Rabbet

L



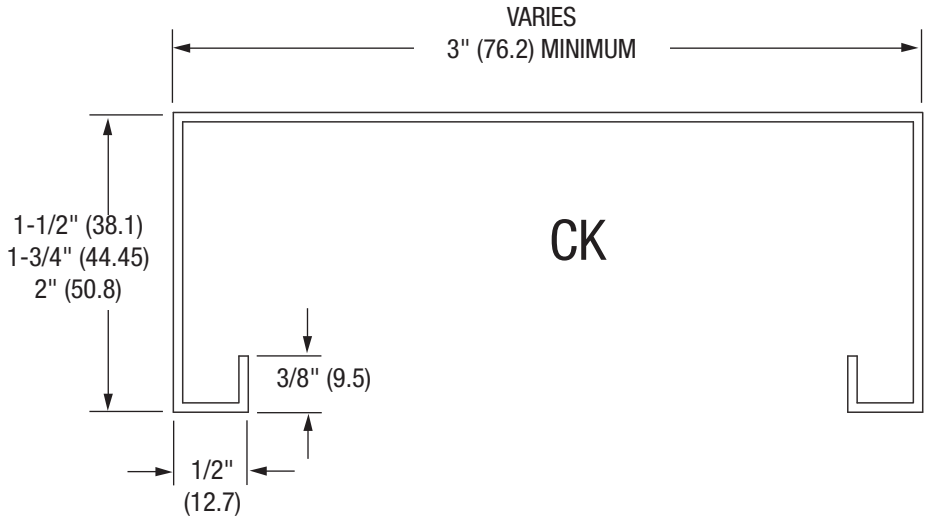
KD DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9) *
UNEQUAL RABBET
JAMB DEPTH 4-7/8" (123.8) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
2" (50.8) FACE AVAILABLE WITH 4" (101.6) HEADS
AVAILABLE IN COMMUNICATING FRAMES

NOTE: 14 GA. AVAILABLE WITH 2" (50.8) FACE ONLY

Drywall KD Frame Cased Opening

Frame Technical Data

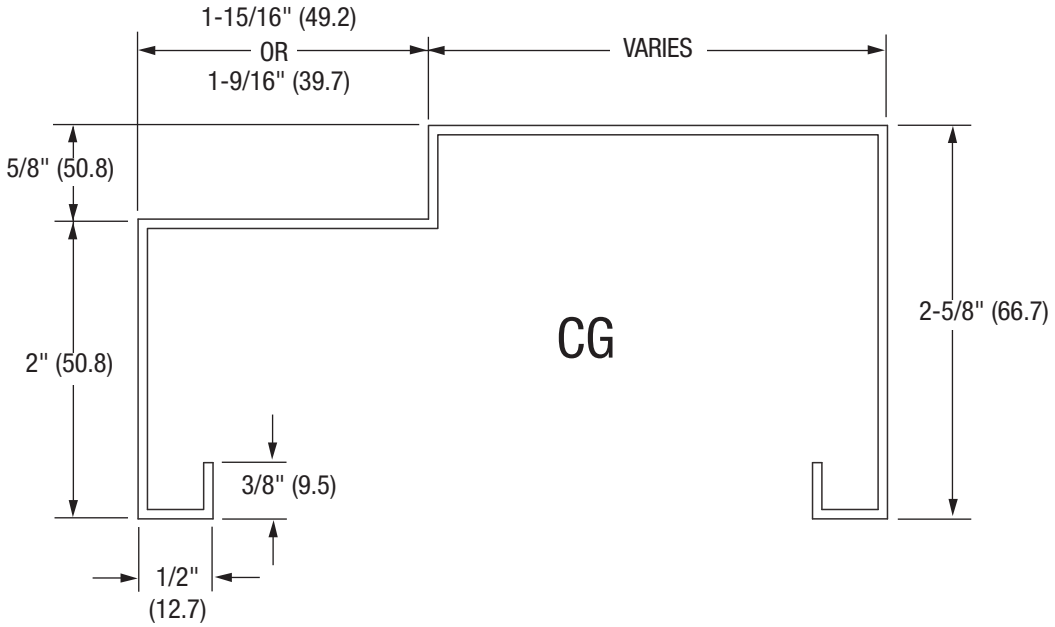
April, 2002



KD DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
JAMB DEPTH 3" (76.2) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
14 GA. AVAILABLE W/2" FACE ONLY

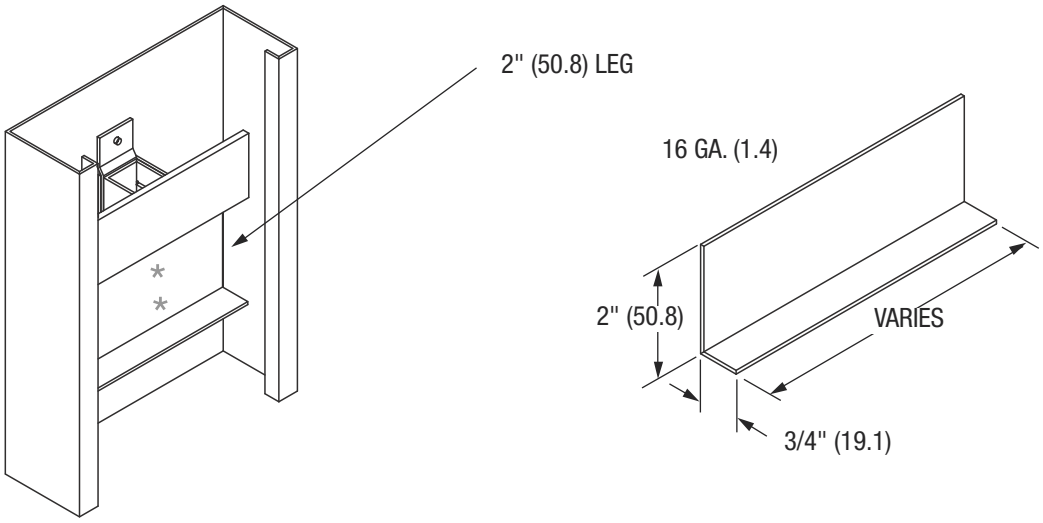
NOTE: AVAILABLE WITH 4" (101.6) FACE HEAD WITH 4-1/2" (114.3) MINIMUM JAMB DEPTH WITH 2" FACE JAMBS ONLY.

Drywall KD "CG" Profile Frame



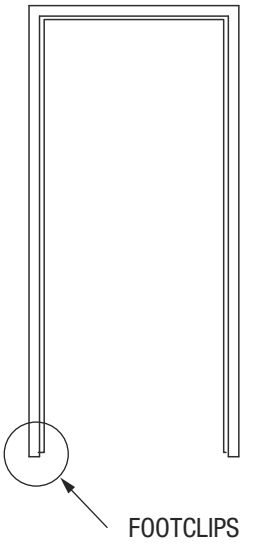
KD "CG" PROFILE DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4)
JAMB DEPTH 3" (76.2) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
NOTE: 2" (50.8) AND 2-5/8" (66.7) FACE ONLY

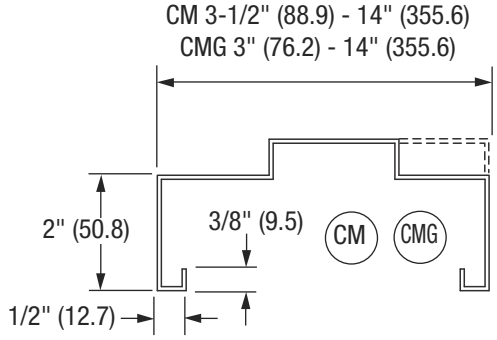
STIFFENER PART NUMBER: P0093



NOTE: STIFFENER ADDED TO PREVENT DISTORTION OF FRAME WHEN TIGHTENING ANCHOR

CM Profile Frames



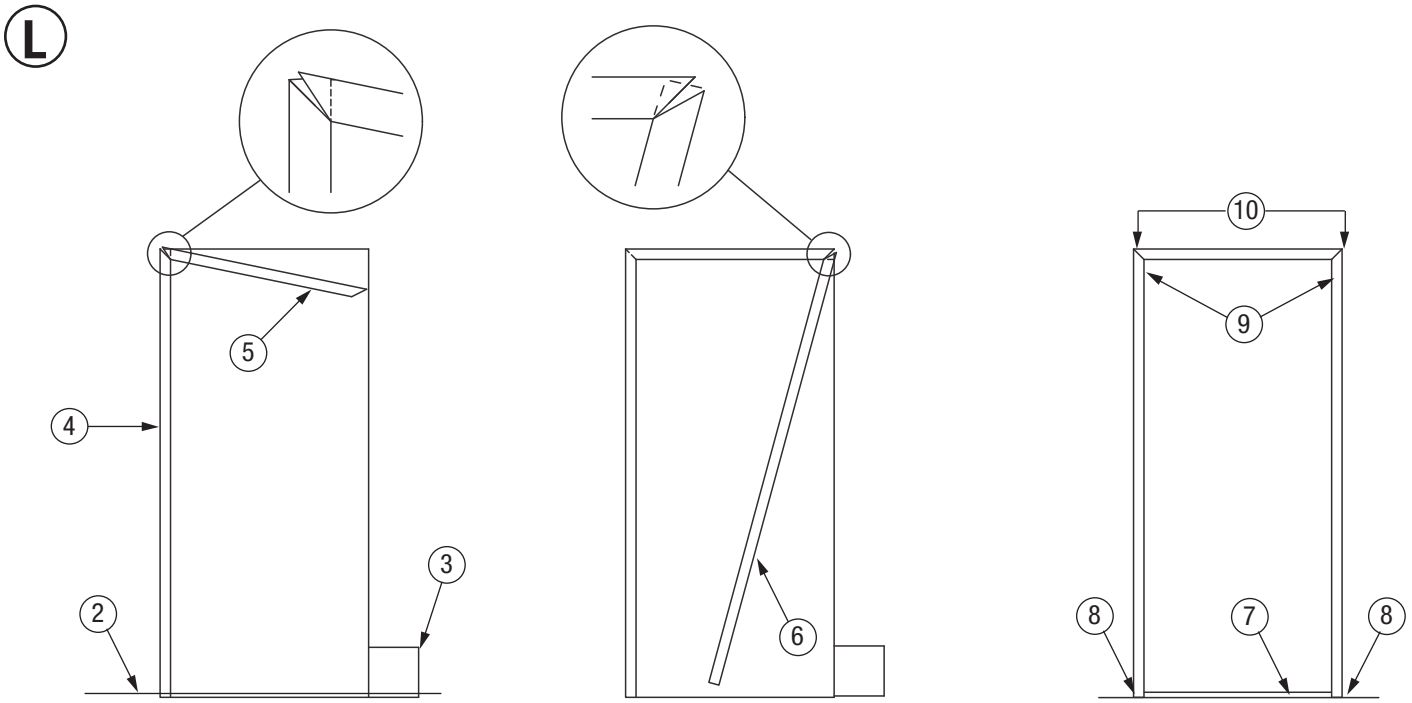


CM PROFILE FRAMES DO NOT HAVE THE COMPRESSION BAR NOR BASE ANCHORS. THEY DO HAVE FOOTCLIPS WELDED IN AND ARE FURNISHED WITH LOOSE DRY-WALL ANCHORS, WELDED IN ANCHORS ARE OPTIONAL. SAME K.D. CORNER CAPABILITIES AS THE C FRAME.

Drywall KD Frame ("C" Profile) Installation Instructions

Frame Technical Data

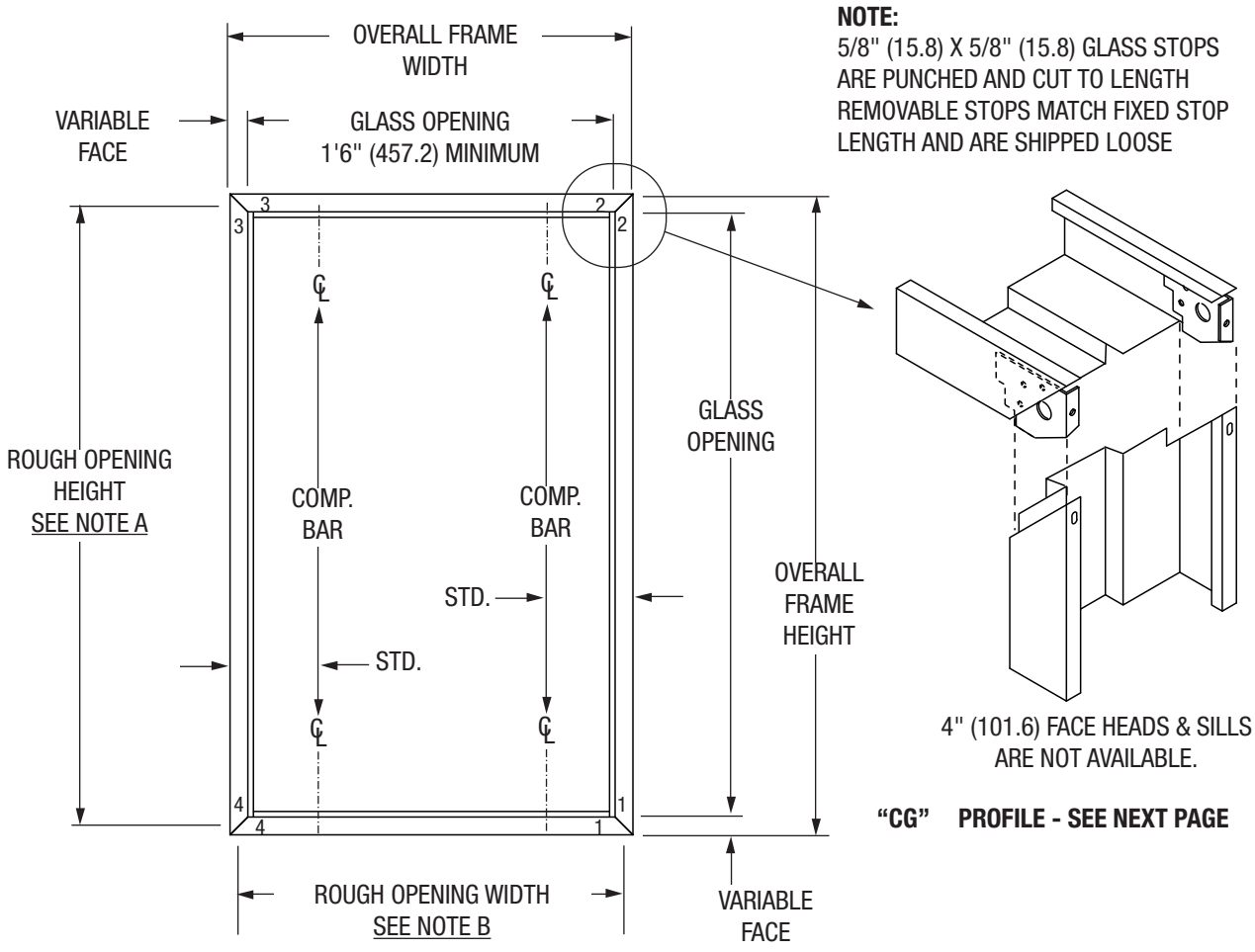
July, 2009



1. CONSTRUCT WALL WITH ROUGH OPENING HEIGHT EQUAL TO FINISHED OPENING HEIGHT PLUS 3/4" (19.1) TO 1" (25.4) MAX., ROUGH OPENING WIDTH IS AS FOLLOWS:
   A) FOR 2" (50.8) FACE FRAMES-OPENING WIDTH PLUS 2-1/8" (54.0) TO 2-3/8" (60.3)
   B) FOR 1-3/4" (44.5) AND 1-1/2" (38.1) FACE FRAMES-OPENING WIDTH PLUS 2" (50.8)
   C) FOR “C” AND “CG” PROFILES, 3" (76.2) JAMB DEPTH 1-9/16" (39.7) RABBET AND 3" (76.2), 3-1/8" (79.4), 3-1/4" (82.6) AND 3-3/8" (85.7) JAMB DEPTH 1-15/16" (49.2) RABBET FRAMES-OPENING WIDTH PLUS 2-13/16" (71.4), ALL OTHER “C” AND “CG” PROFILE FRAMES-OPENING WIDTH PLUS 2-1/8" (54.0) TO 2-3/8" (60.3)
   d) FOR 2" (508) FACE CASED OPENING - OPENING WIDTH PLUS 2-1/4" (572)
2. BOTTOM OF FRAME MUST SET ON A SOLID SURFACE.
3. IF WRAP-AROUND BASE ANCHOR IS USED, NOTCH DRYWALL IN THAT AREA.
4. RETRACT COMPRESSION BARS IN THE JAMBS BY TURNING SCREWS COUNTER CLOCKWISE AND INSTALL ONE JAMB IN POSITION ON WALL.
5. INSERT FRAME HEAD UNDER THE CORNER CLIPS OF THE JAMB AND RAISE INTO POSITION.
6. INSERT THE CORNER CLIPS OF THE REMAINING JAMB INTO THE OPPOSITE END OF THE HEAD AND POSITION JAMB ON WALL.
7. LOCATE A REMOVABLE FRAME SPACING BAR AT BASE OF CENTERED FRAME TO MAINTAIN PROPER OPENING WIDTH DURING INSTALLATION.
8. LEVEL, SQUARE AND PLUMB FRAME AND INSTALL BASE ANCHOR SCREWS THROUGH COUNTERSINK HOLES IN FRAME FACE AND INTO FLOOR PLATE.
9. SQUARE TOP OF FRAME AND TIGHTEN COMPRESSION BARS BY TURNING SCREWS CLOCKWISE. (DO NOT OVERTIGHTEN).
10. INSTALL (4) NO. 8 X 1/2" (12.7) SHEET METAL SCREWS AT THE CORNERS OF THE HEAD TO ATTACH HEAD TO JAMBS (REQUIRED FOR FIRE RATED FRAMES).

NOTE A: ROUGH OPENING HEIGHT FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" (63.5) INCLUDING CASED OPENING
NOTE A: ROUGH OPENING HEIGHT FOR 1-1/2" (38.1) & 1-3/4" (44.5) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2" (50.8)

NOTE B: ROUGH OPENING WIDTH FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" (63.5) INCLUDING CASED OPENING
ROUGH OPENING WIDTH FOR 1-1/2" (38.1) & 1-3/4" (44.5) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2" (50.8)



KD BORROWED LITE (DRYWALL FRAME ONLY)

ORDER OF INSTALLATION - A) PLACE RIGHT SIDE VERTICAL JAMB MEMBER INTO OPENING; B) INSTALL SILL MEMBER AND ASSEMBLE CORNER #1; C) THEN INSTALL HEAD MEMBER AND ASSEMBLE CORNER #2 D) WHILE INSTALLING THE REMAINING LEFT VERTICAL JAMB MEMBER IT MAY BE NECESSARY TO EXTEND THE HEAD (CORNER #3) AND SILL (CORNER #4) TO THEIR ROUGH OPENING LIMITATIONS FOR EASIER INSTALLATION; E) THEN ASSEMBLE CORNER #3 AND FINALLY SNAP INTO POSITION THE REMAINING CORNER #4; F) INSTALL SCREWS THROUGH FRAME RETURNS INTO CORNER CLIPS; G) ADJUST COMPRESSION BARS UNTIL LEVEL AND PLUMB.

Single Rabbet Drywall KD Borrowed Lite

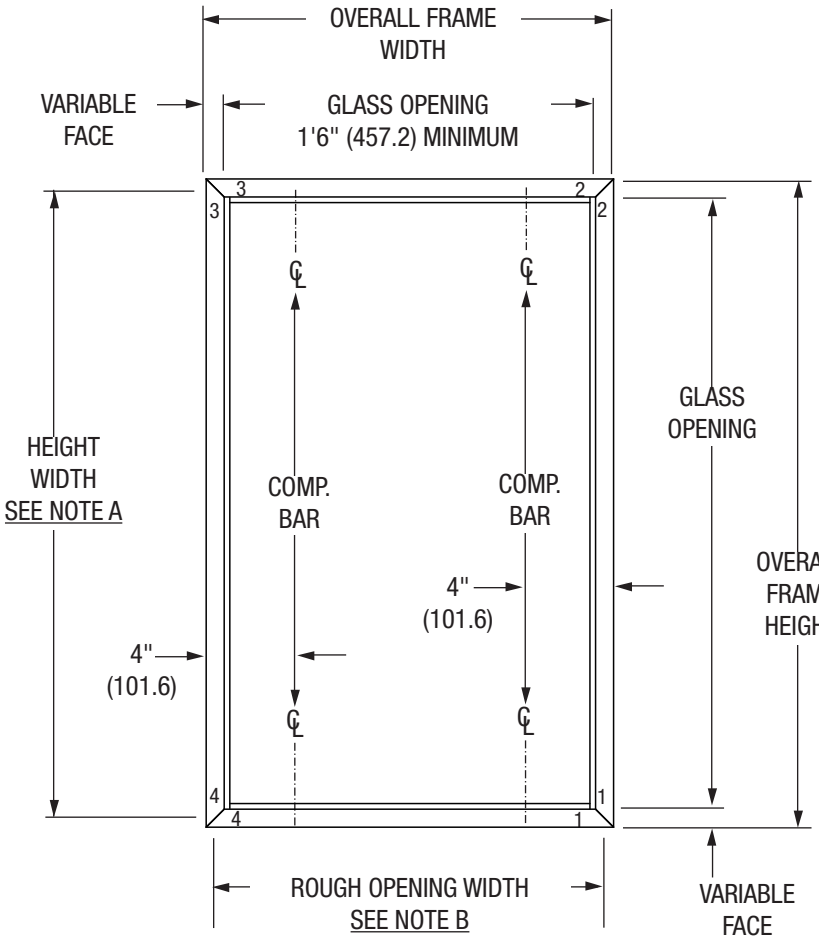
Frame Technical Data

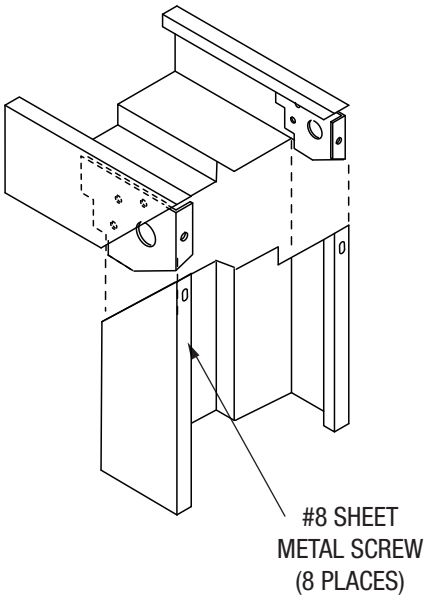
July, 2007

(L)

"CG" PROFILE - COMPRESSION BAR RABBET MOUNTED.
JAMB DEPTHS INCLUDE 3" (76.2), 3-1/8" (79.4), 3-1/4" (82.5), 3-3/8" (85.7) X 1-15/16" (49.2) RABBET AND 3" (76.2) X 1-9/16" (39.7) RABBET

NOTE A: ROUGH OPENING HEIGHT FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-3/4" (69.8)
NOTE B: ROUGH OPENING WIDTH FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" (63.5)





KD BORROWED LITE (DRYWALL FRAME ONLY)

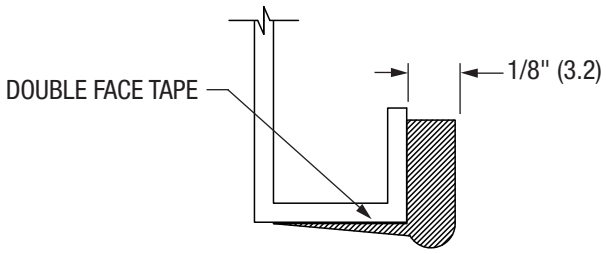
ORDER OF INSTALLATION - A) PLACE RIGHT SIDE VERTICAL JAMB MEMBER INTO OPENING; B) INSTALL SILL MEMBER AND ASSEMBLE CORNER #1; C) THEN INSTALL HEAD MEMBER AND ASSEMBLE CORNER #2 D) WHILE INSTALLING THE REMAINING LEFT VERTICAL JAMB MEMBER IT MAY BE NECESSARY TO EXTEND THE HEAD (CORNER #3) AND SILL (CORNER #4) TO THEIR ROUGH OPENING LIMITATIONS FOR EASIER INSTALLATION; E) THEN ASSEMBLE CORNER #3 AND FINALLY SNAP INTO POSITION THE REMAINING CORNER #4; F) INSTALL SCREWS THROUGH FRAME RETURNS INTO CORNER CLIPS. G) ADJUST COMPRESSION BARS UNTIL LEVEL AND PLUMB.

CURRIES
ASSA ABLOY

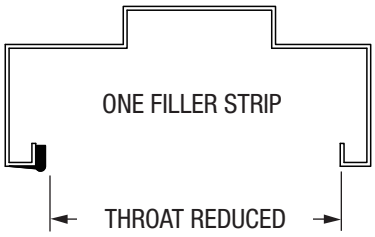
Throat Filler for Drywall Frames

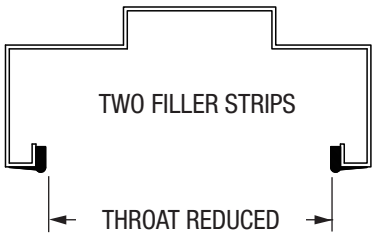
Frame Technical Data

April, 2002



FULL SIZE

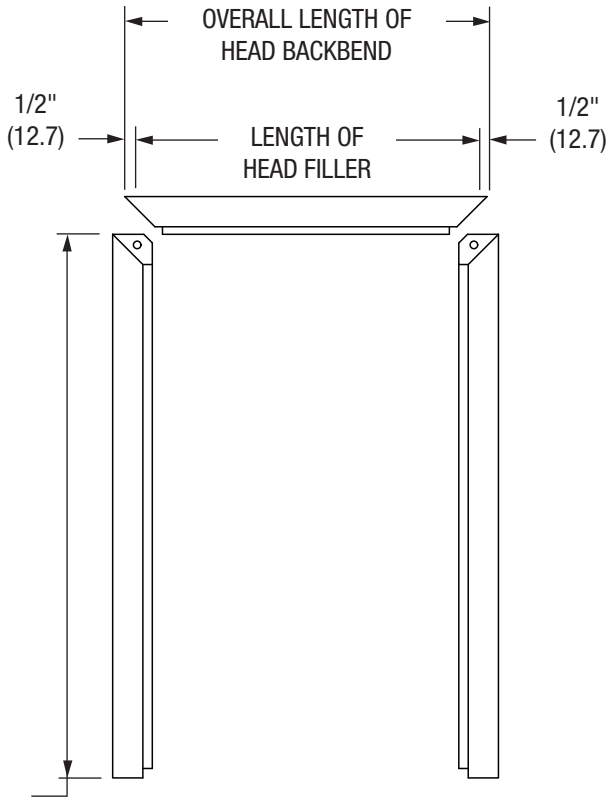




THROAT FILLER STRIPS ARE MADE OF WHITE RIGID PVC WITH RESILIENT DOUBLE FACE TAPE FOR APPLICATION TO THE FRAME BACKBEND OR AFTER THE FRAME HAS BEEN INSTALLED.

SUPPLIED IN LENGTHS OF 7 FT. 3 IN. (2209.8) TO ACCOMMODATE MOST JAMB HEIGHTS WITH A CONTINUOUS STRIP.

NOTE: THROAT FILLER IS NOT ALLOWED ON LABEL FRAMES



INSTALLATION

1. FOR BEST RESULTS INSTALL FRAME IN OPENING FIRST. DO NOT TIGHTEN COMPRESSION ANCHORS.
2. CUT JAMB FILLER STRIPS TO OVERALL LENGTH OF JAMB BACKBEND. CUT HEAD FILLER STRIP 1" (25.4) UNDER OVERALL LENGTH OF HEAD BACKBEND.
3. REMOVE PROTECTIVE FILM FROM ADHESIVE TAPE AND APPLY FILLER STRIPS TO FRAME BACKBENDS WITH 1/8" (3.2) THICK LEG BETWEEN BACKBEND RETURN AND WALL. APPLY PRESSURE TO SEAT FIRMLY.
4. SQUARE FRAME, TIGHTEN COMPRESSION ANCHORS, INSTALL BASE ANCHORS AND RESEAT FILLER STRIPS IF NECESSARY.

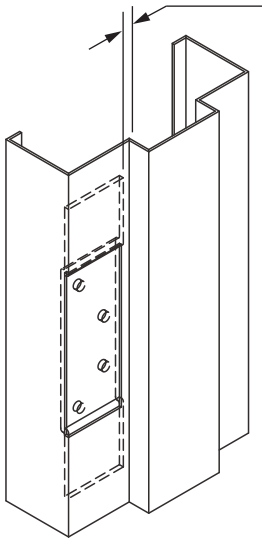
FILLER EQUALS OVERALL LENGTH OF BACKBEND

CURRIES Standard Hinge & Strike Locations for 1-3/4" Frames

Frame Technical Data

September, 2013

	SIZE	A	B	C
Ⓛ	6'8" (2032)	7-1/4" (184.2)	30-1/4" (768.4)	12-1/4" (311.2)
Ⓛ	6'10" (2082.8)	7-1/4" (184.2)	31-1/4" (793.8)	12-1/4" (311.2)
Ⓛ	7'0" (2133.6)	7-1/4" (184.2)	32-1/4" (819.2)	12-1/4" (311.2)
Ⓛ	7'2" (2184.4)	7-1/4" (184.2)	33-1/4" (844.6)	12-1/4" (311.2)
Ⓛ	7'10" (2387.6)	7-1/4" (184.2)	37-1/4" (946.2)	12-1/4" (311.2)
Ⓛ	8'0" (2438.4)	7-1/4" (184.2)	38-1/4" (971.6)	12-1/4" (311.2)

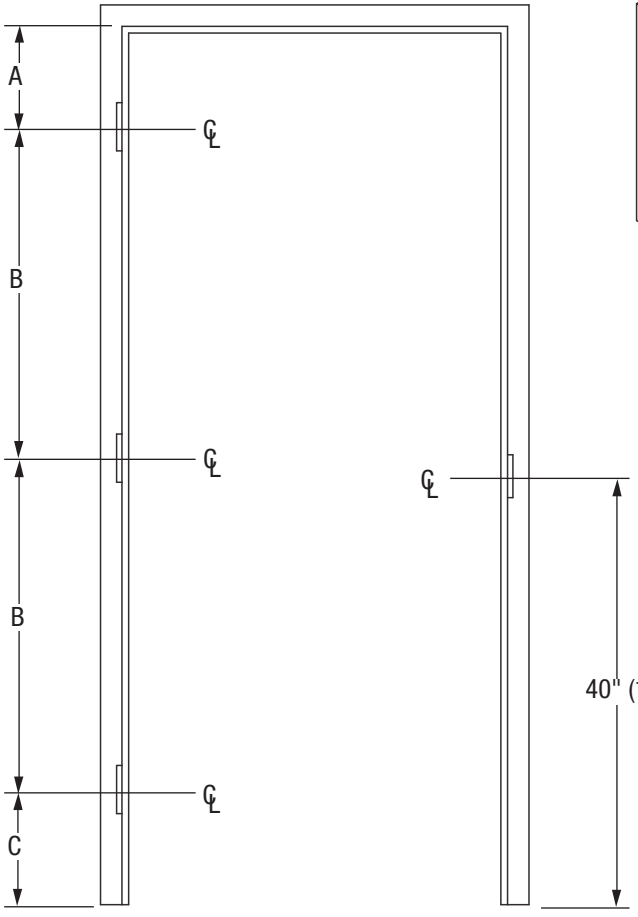


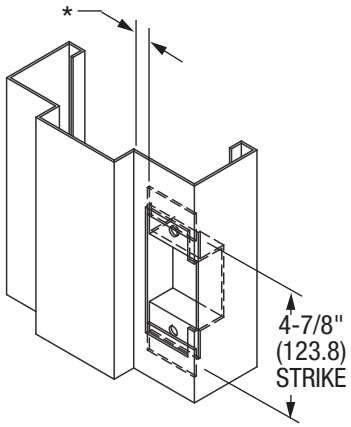
HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME

HINGE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR
5/8" (15.9) FOR 2" (50.8) DOOR
5/8" (15.9) FOR 2-1/4" (57.2) DOOR

DOOR RABBETS: 1-15/16" (49.2) FOR 1-3/4" (44.5) DOOR
2-3/16" (55.6) FOR 2" (50.8) DOOR

FOR USE WITH THREE HINGES
4-1/2" (114.3) OR 5" (127)





40" (1016) STANDARD

NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

* STRIKE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR
1/2" (12.7) FOR 2" (50.8) DOOR

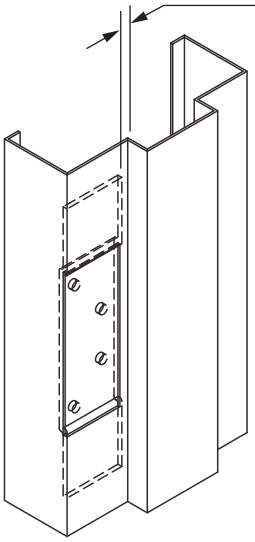
CURRIES
ASSA ABLOY

CURRIES Standard Hinge & Strike Locations for 1-3/4" Frames

Frame Technical Data

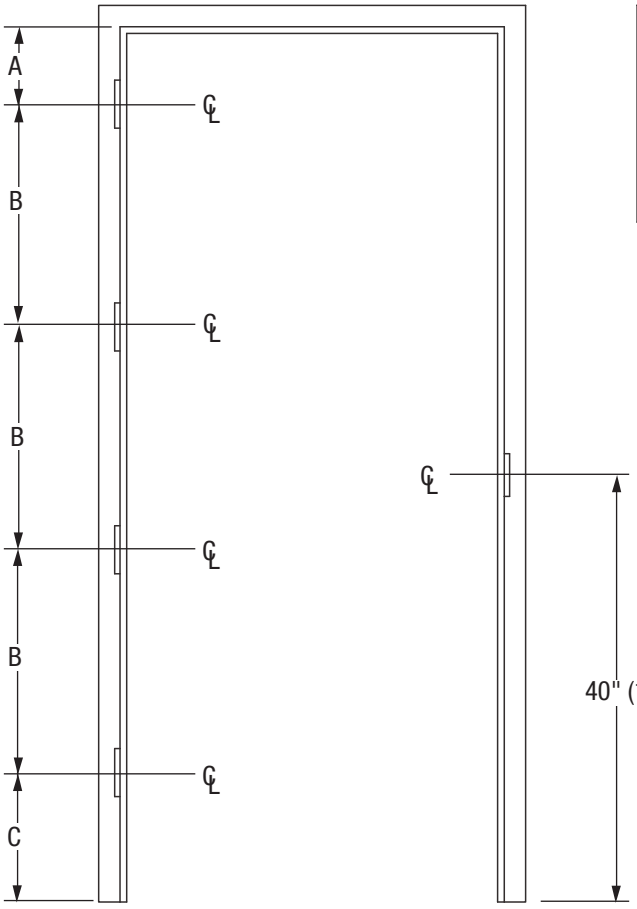
September, 2013

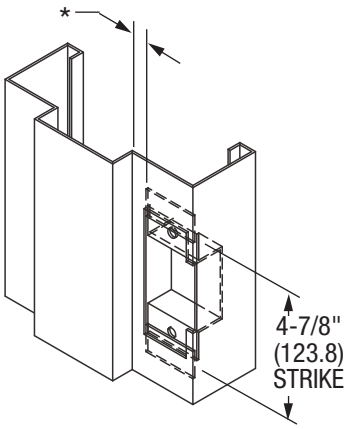
	SIZE	A	B	C
Ⓛ	6'8" (2032)	7-1/4" (184.2)	20-1/8" (511.2)	12-3/8" (314.3)
Ⓛ	6'10" (2082.8)	7-1/4" (184.2)	20-7/8" (530.2)	12-1/8" (308)
Ⓛ	7'0" (2133.6)	7-1/4" (184.2)	21-1/2" (546.1)	12-1/4" (311.2)
Ⓛ	7'2" (2184.4)	7-1/4" (184.2)	22-1/8" (562)	12-3/8" (314.3)
Ⓛ	7'10" (2387.6)	7-1/4" (184.2)	24-7/8" (631.8)	12-1/8" (308)
Ⓛ	8'0" (2438.4)	7-1/4" (184.2)	25-1/2" (647.7)	12-1/4" (311.2)
Ⓛ	9'0" (2743.2)	7-1/4" (184.2)	29-1/2" (749.3)	12-1/4" (311.2)
Ⓛ	10'0" (3048)	7-1/4" (184.2)	33-1/2" (850.9)	12-1/4" (311.2)



HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME.
HINGE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR.
5/8" (15.9) FOR 2" (50.8) DOOR
DOOR RABBETS: 1-15/16" (49.2) FOR 1-3/4" (44.5) DOOR.
2-3/16" (55.6) FOR 2" (50.8) DOOR.

FOR USE WITH FOUR HINGES
4-1/2" (114.3) OR 5" (127)





NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

* STRIKE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR
1/2" (12.7) FOR 2" (50.8) DOOR

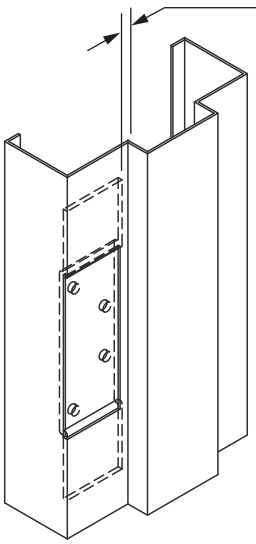
CURRIES Standard Hinge & Strike Locations for 1-3/8" Frames

Frame Technical Data

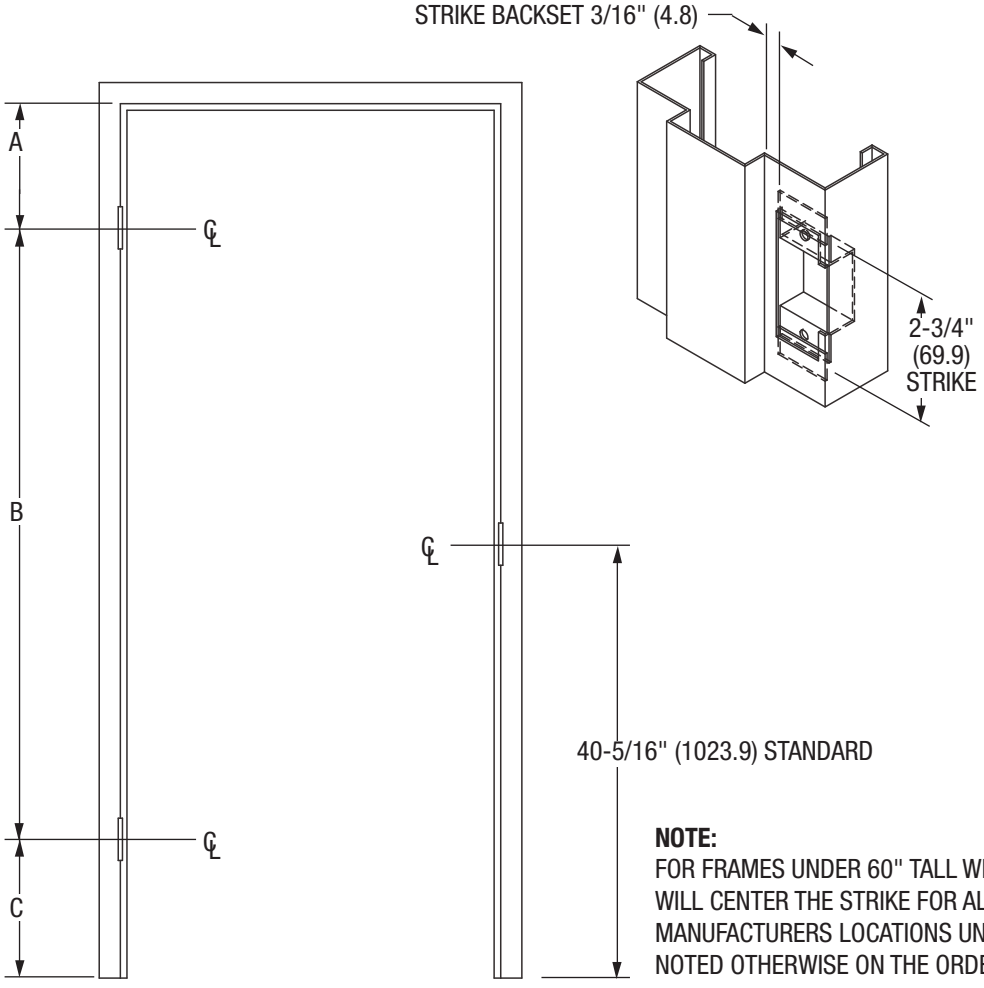
September, 2013

	SIZE	A	B	C
℄	6'8" (2032)	9-3/4" (247.7)	59-7/8" (1520.8)	10-3/8" (263.5)
℄	6'10" (2082.8)	9-3/4" (247.7)	61-7/8" (1571.6)	10-3/8" (263.5)
℄	7'0" (2133.6)	9-3/4" (247.7)	63-7/8" (1622.4)	10-3/8" (263.5)
℄	7'2" (2184.4)	9-3/4" (247.7)	65-7/8" (1673.2)	10-3/8" (263.5)

HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.



FOR USE WITH TWO HINGES 1-3/8" (34.9) DOOR
3-1/2" (88.9) OR 4" (101.6)



NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

CURRIES
ASSA ABLOY

CURRIES Standard Hinge & Strike Locations for 1-3/8" Frame

Frame Technical Data

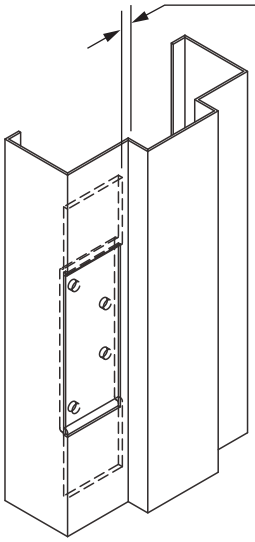
September, 2013

	SIZE	A	B	C
Ⓛ	6'8" (2032)	9-3/4" (247.7)	29-15/16" (760.4)	10-3/8" (263.5)
Ⓛ	6'10" (2082.8)	9-3/4" (247.7)	30-15/16" (785.8)	10-3/8" (263.5)
Ⓛ	7'0" (2133.6)	9-3/4" (247.7)	31-15/16" (811.2)	10-3/8" (263.5)
Ⓛ	7'2" (2184.4)	9-3/4" (247.7)	32-15/16" (836.6)	10-3/8" (263.5)

Ⓛ

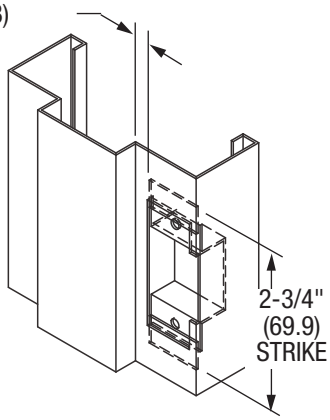
HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.

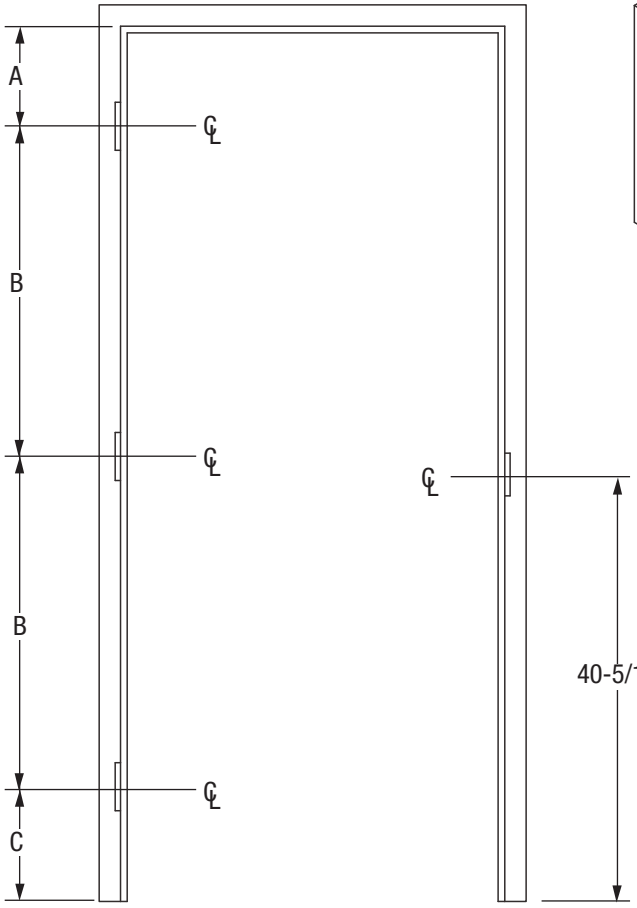
HINGE BACKSET: 5/16" (7.9)



FOR USE WITH THREE HINGES 1-3/8" (34.9) DOOR
3-1/2" (88.9) OR 4" (101.6)

STRIKE BACKSET 3/16" (4.8)





40-5/16" (1023.9) STANDARD

NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

CURRIES Standard Hinge & Strike Locations for 1-3/4" Dutch Frame

Frame Technical Data

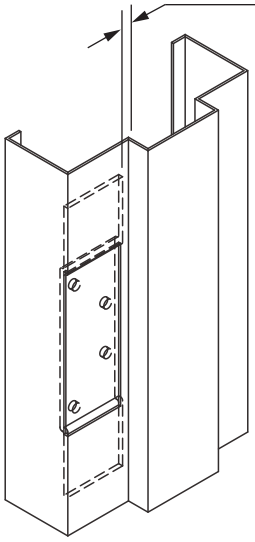
November, 2004

Ⓛ

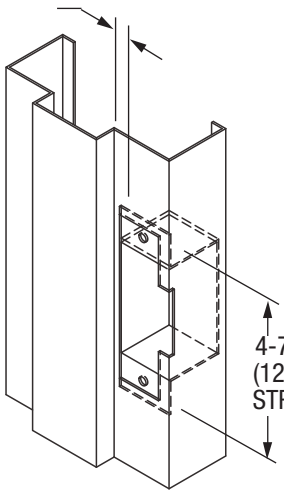
	SIZE	A	B	C	D	E
Ⓛ	6'8" (2032)	7-1/4" (184.2)	24-1/4" (616)	13-1/2" (342.9)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	6'10" (2082.8)	7-1/4" (184.2)	26-1/4" (666.6)	13-1/2" (342.9)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	7'0" (2133.6)	7-1/4" (184.2)	28-1/4" (717.6)	13-1/2" (342.9)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	7'2" (2184.4)	7-1/4" (184.2)	30-1/4" (768.4)	13-1/2" (342.9)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	7'10" (2387.6)	7-1/4" (184.2)	35-1/4" (895.4)	16-1/2" (419.1)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	8'0" (2438.4)	7-1/4" (184.2)	37-1/4" (946.2)	16-1/2" (419.1)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	9'0" (2743.2)	7-1/4" (184.2)	49-1/4" (1251)	16-1/2" (419.1)	22-3/4" (577.9)	12-1/4" (311.2)
Ⓛ	10"0" (3048)	7-1/4" (184.2)	61-1/4" (1555.8)	16-1/2" (419.1)	22-3/4" (577.9)	12-1/4" (311.2)

HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.

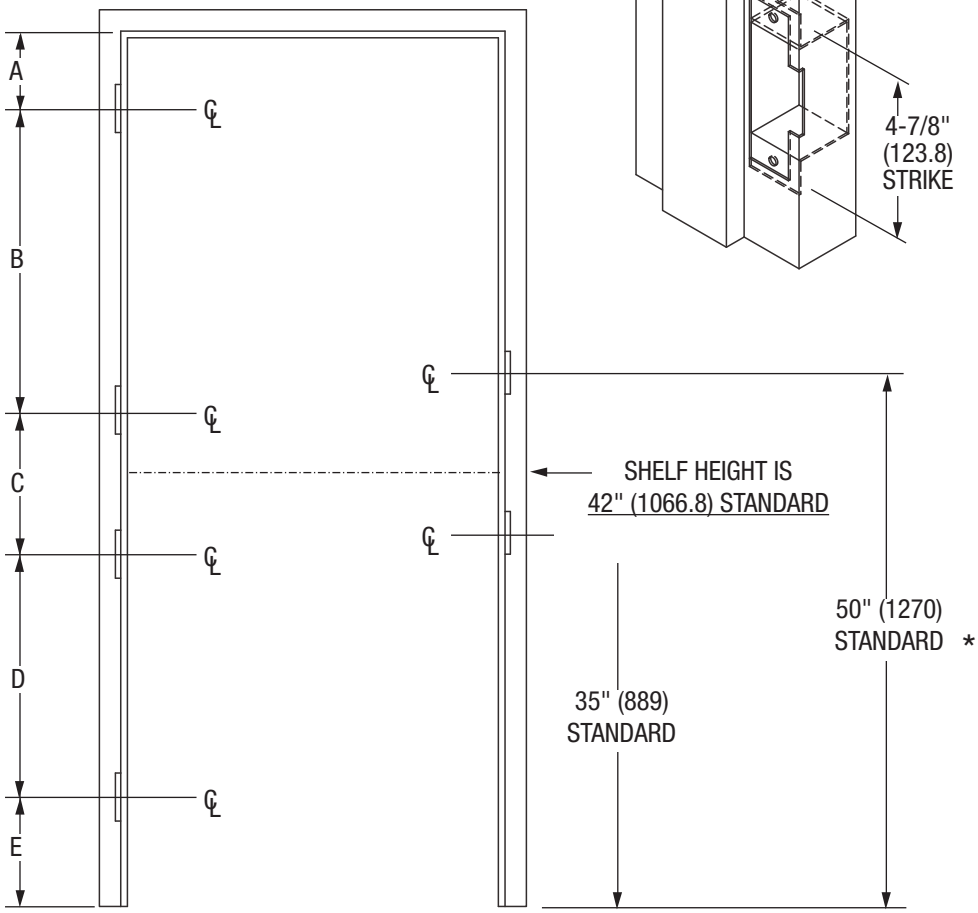
HINGE BACKSET: 5/16" (7.9)



STRIKE BACKSET 5/16" (7.9)



DUTCH DOOR
4-1/2" (114.3) OR 5" (127)



NOTE:
MAXIMUM FIRE LABEL
WIDTH: 3'8" (1117.6)

* PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48" ℄ IS NOT PRACTICAL WITH SOME DEADLOCKS.

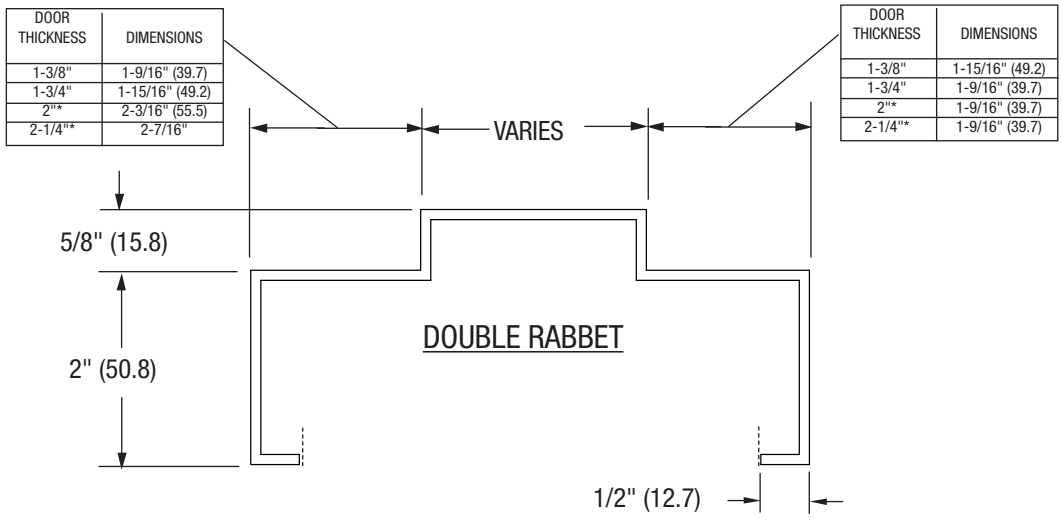
CURRIES
ASSA ABLOY

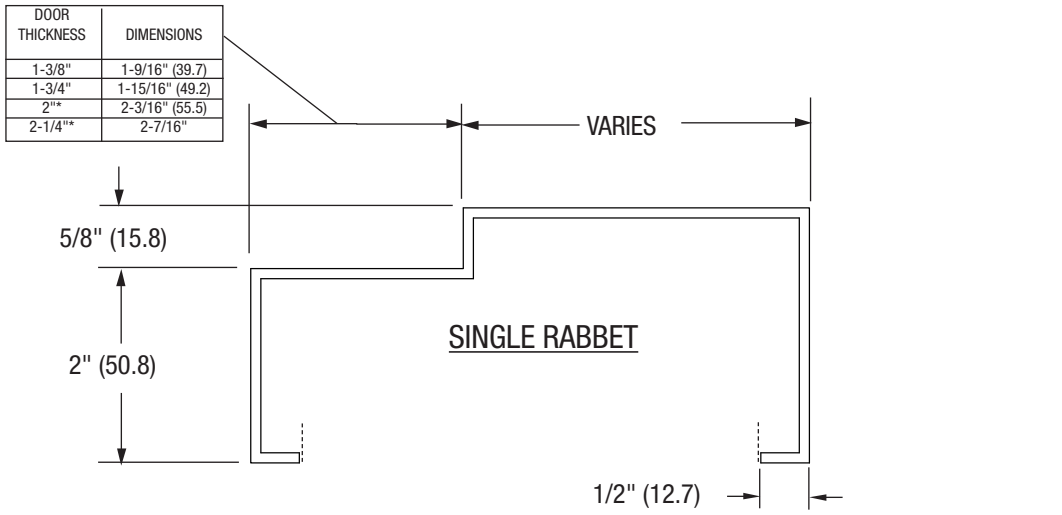
Frame Standard Rabbet Dimensions

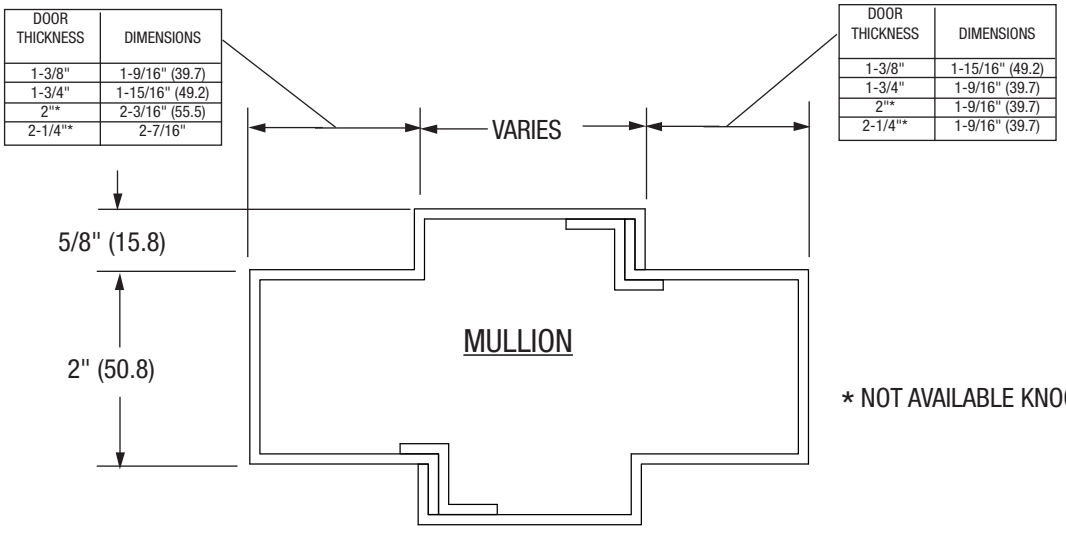
Frame Technical Data

April, 2002

L







* NOT AVAILABLE KNOCKDOWN (KD)

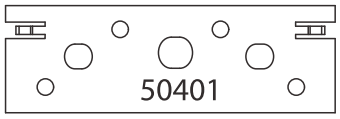
4-1/2" Ultima Hinge Reinforcement

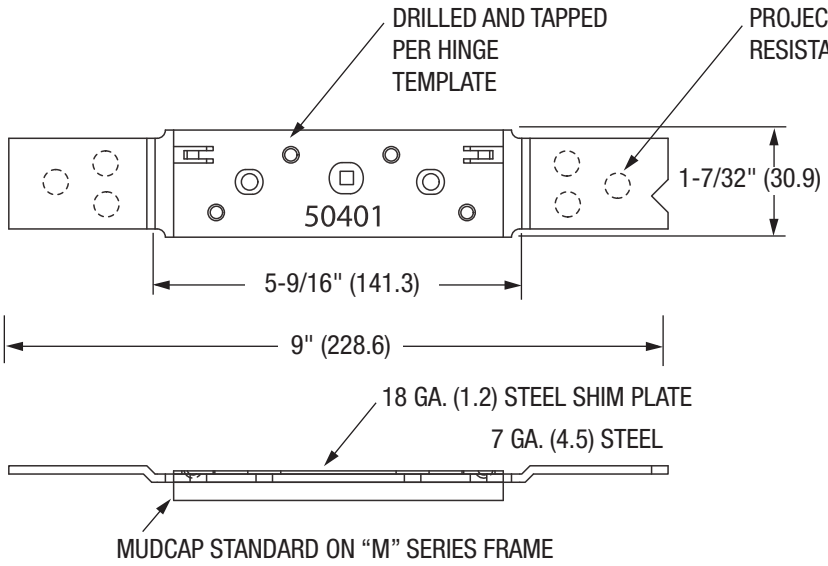
Frame Technical Data

July, 2010

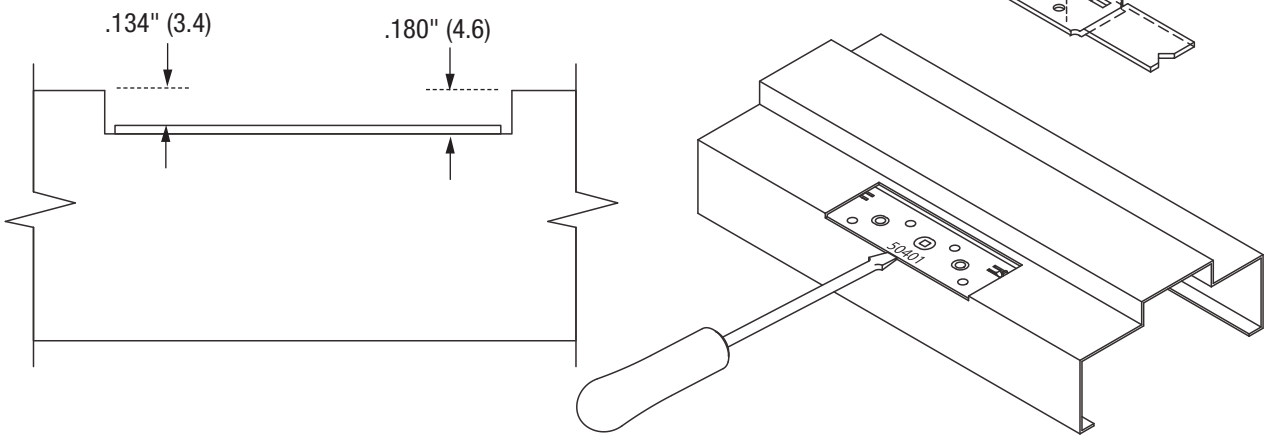
L

DEFAULT REINFORCEMENT FOR ALL 4-1/2" STANDARD AND HEAVYWEIGHT HINGES





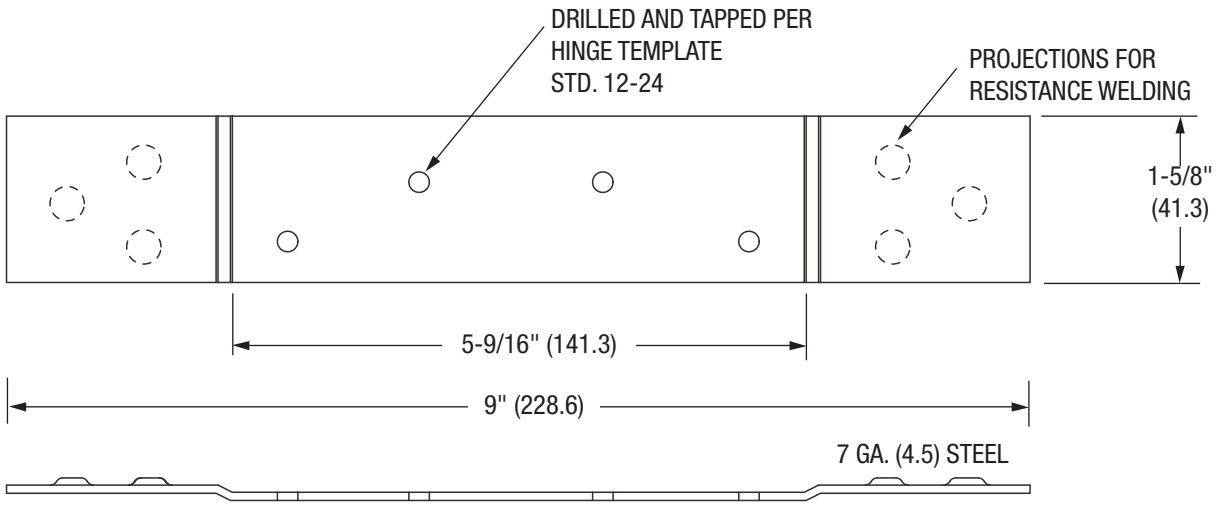
OFFSET IN 16 GA. (1.4) FRAME
WITH SHIM PLATE .134" (3.4)
WITHOUT SHIM PLATE .180 (4.6)



TO REMOVE SHIM PLATE, INSERT FLAT SCREWDRIVER BETWEEN SHIM AND REINFORCEMENT, AND PRY SHIM AWAY FROM REINFORCEMENT.

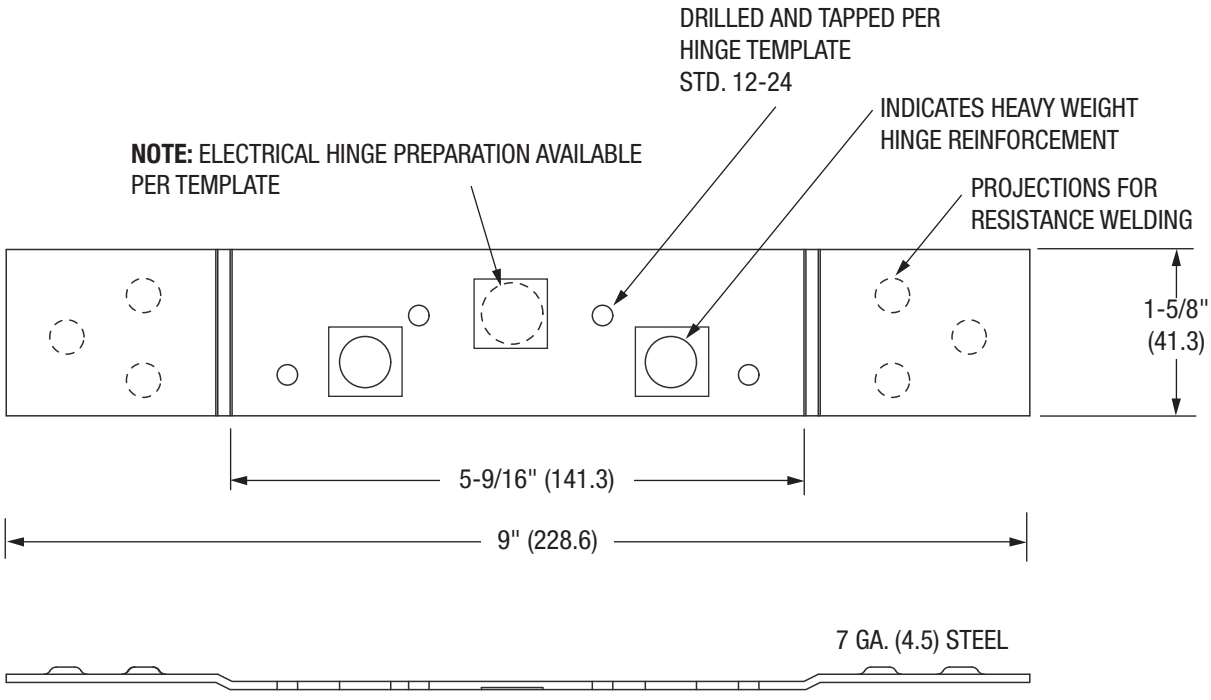
NOTE: 1) IF SHIM IS REMOVED, PRIME PAINT HINGE REINFORCEMENT.
2) NOT RECOMMENDED FOR CONVERSION TO ELECTRIC HINGE PREPARATION.

L



Heavy 5" Hinge Reinforcement

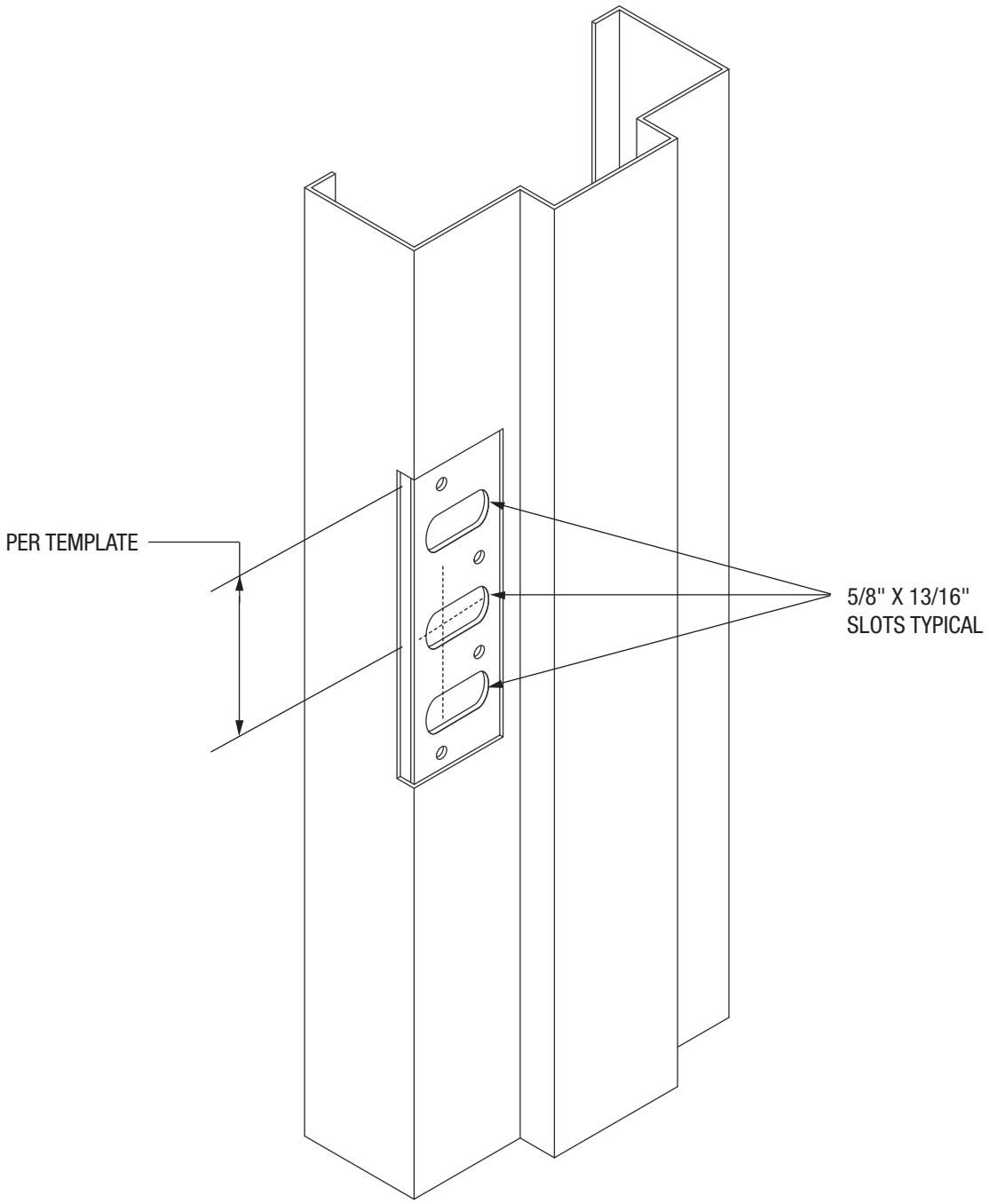
L



EH - Electric Hinges

Frame Technical Data

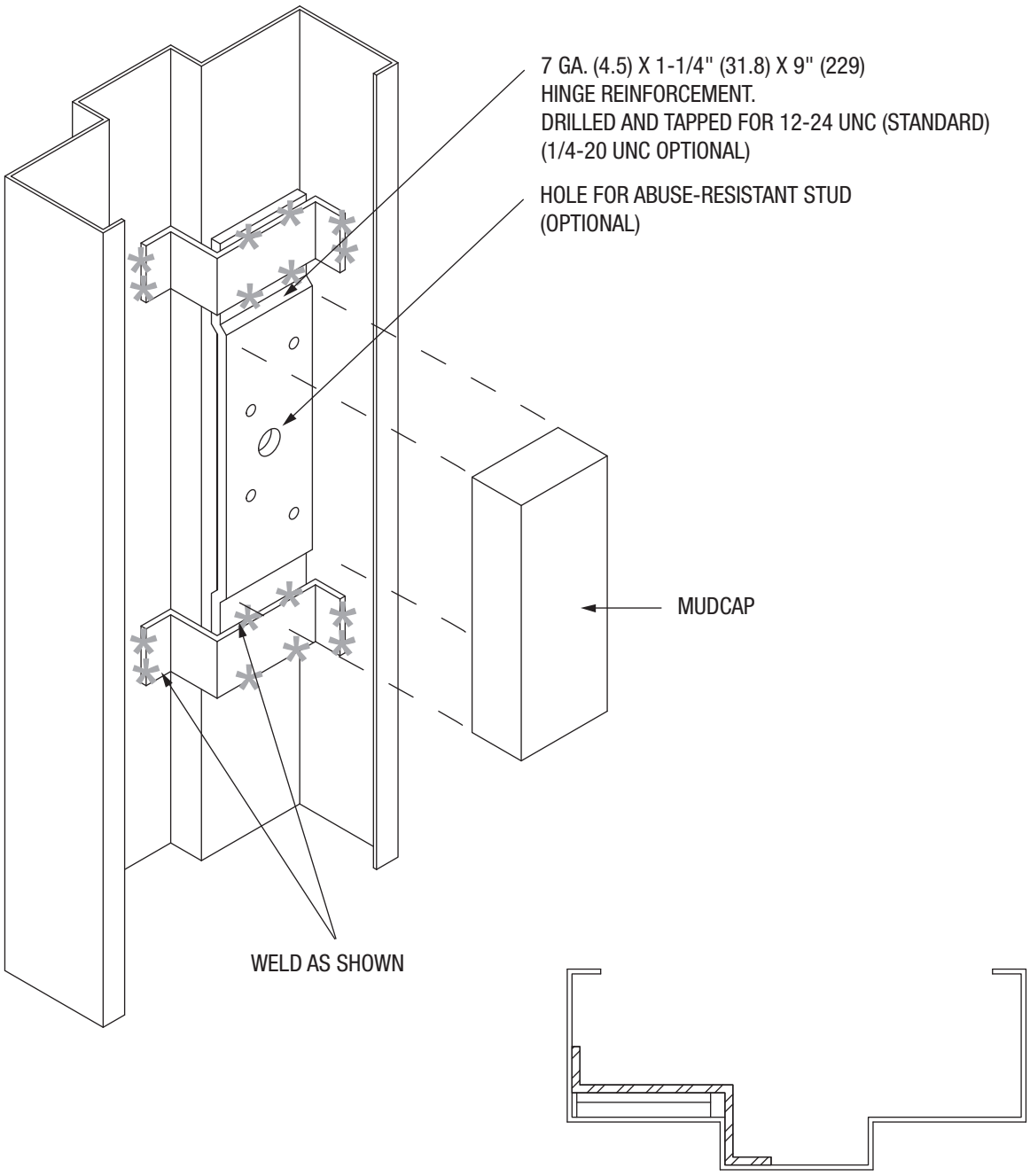
July, 2011



TYPICAL 4-1/2" ELECTRIC HINGE PREPARATION SHOWN FITS MANY ELECTRIC HINGES. OTHER ELECTRIC HINGE PREPARATIONS WILL BE PREPARED PER THE HINGE TEMPLATE.

NOTE: ELECTRIFIED HINGE REINFORCEMENT AVAILABLE AS LOOSE PART #FH0300

HIGH FREQUENCY HINGE REINFORCEMENT STRAPS
14 GA. (2.0) REINFORCEMENT

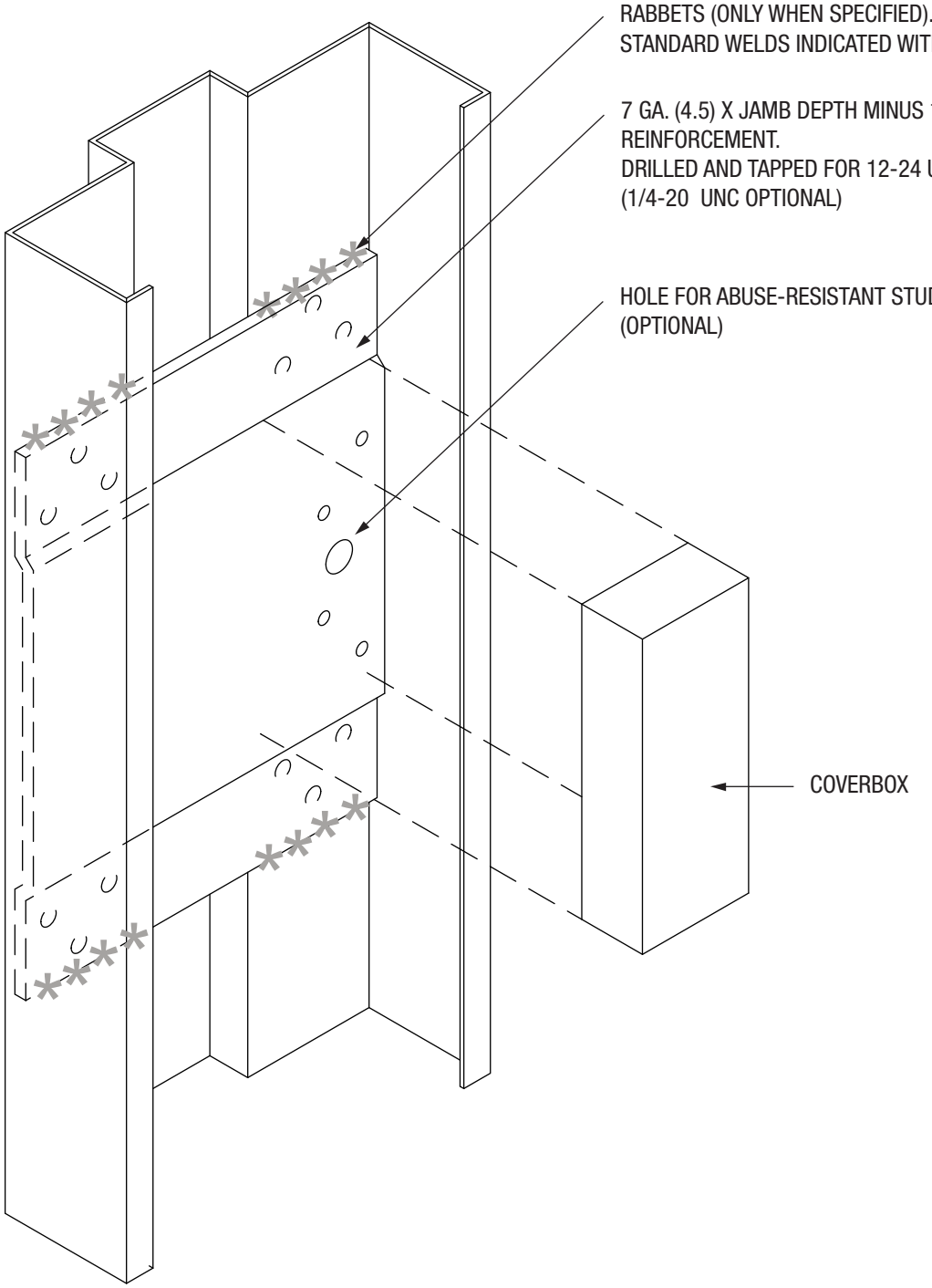


Full Width Hinge Reinforcement

Frame Technical Data

November, 2004

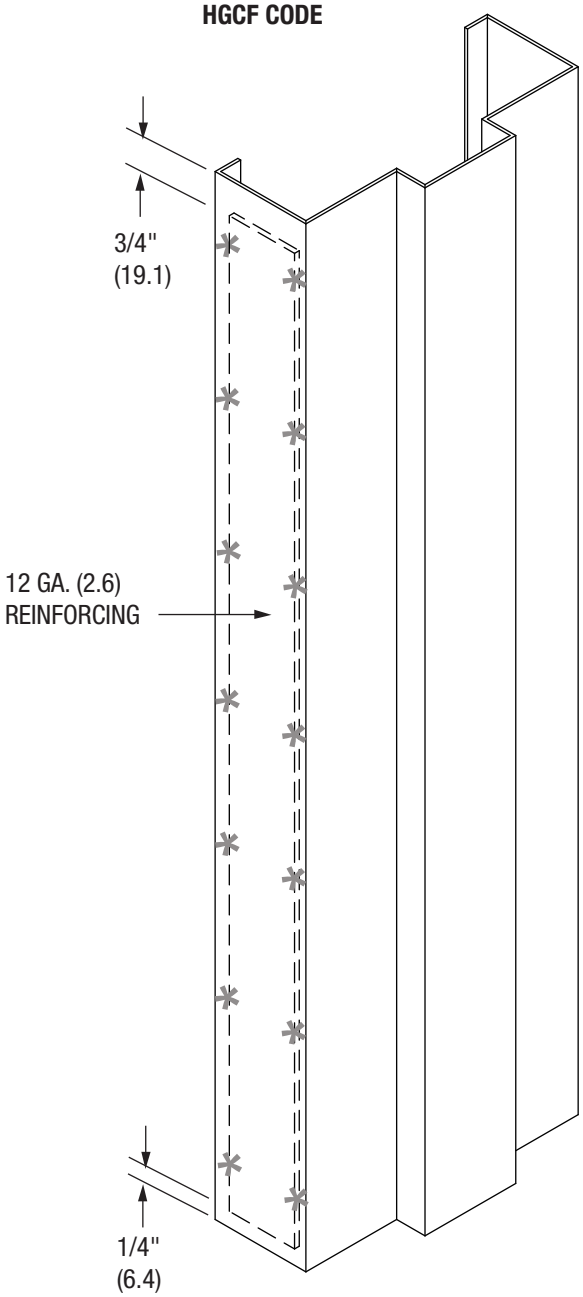
(L)



L

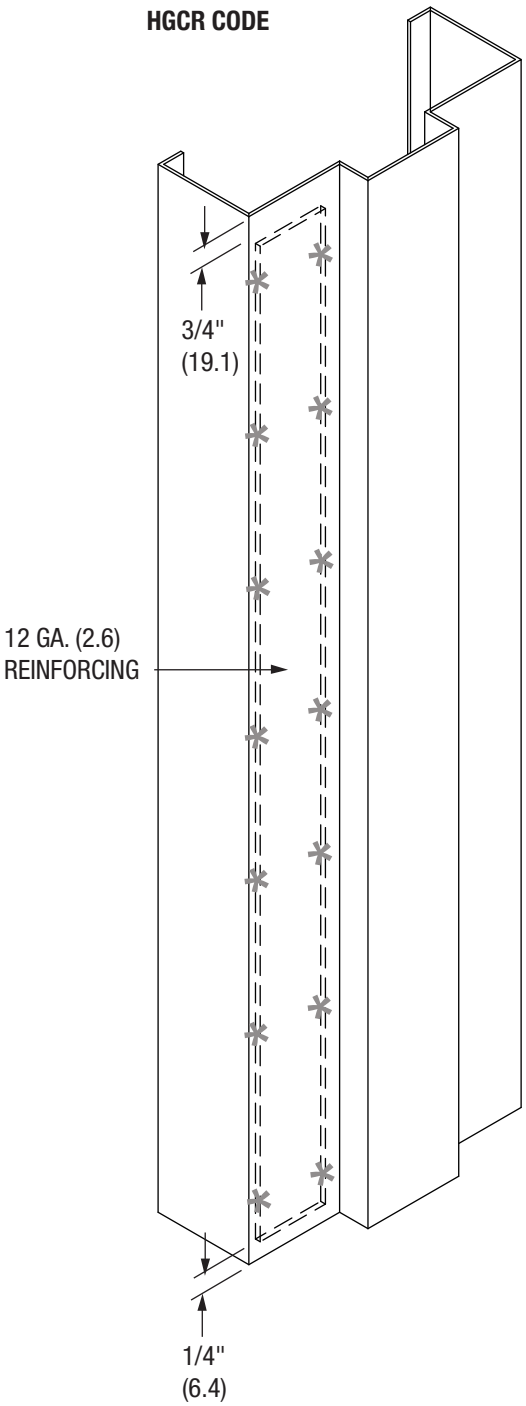
SURFACE MOUNTED TYPE

HGCF CODE



CONCEALED MOUNTED TYPE

HGCR CODE



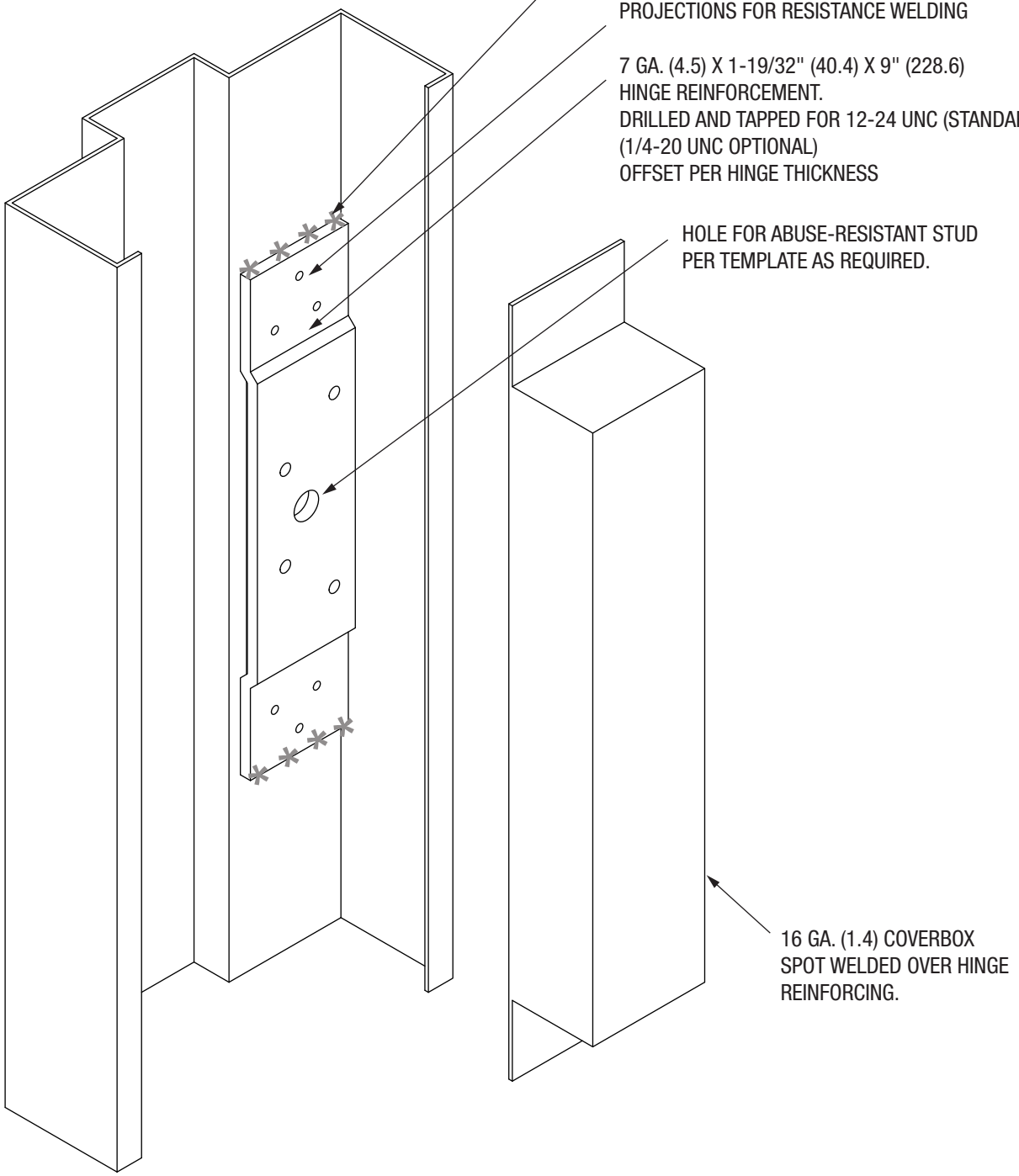
NOTE: HINGE MANUFACTURERS RECOMMEND REINFORCEMENTS ON 20, 18, 16 GAUGE FRAMES.

Security Hinge and Grout Guard

Frame Technical Data

November, 2004

L



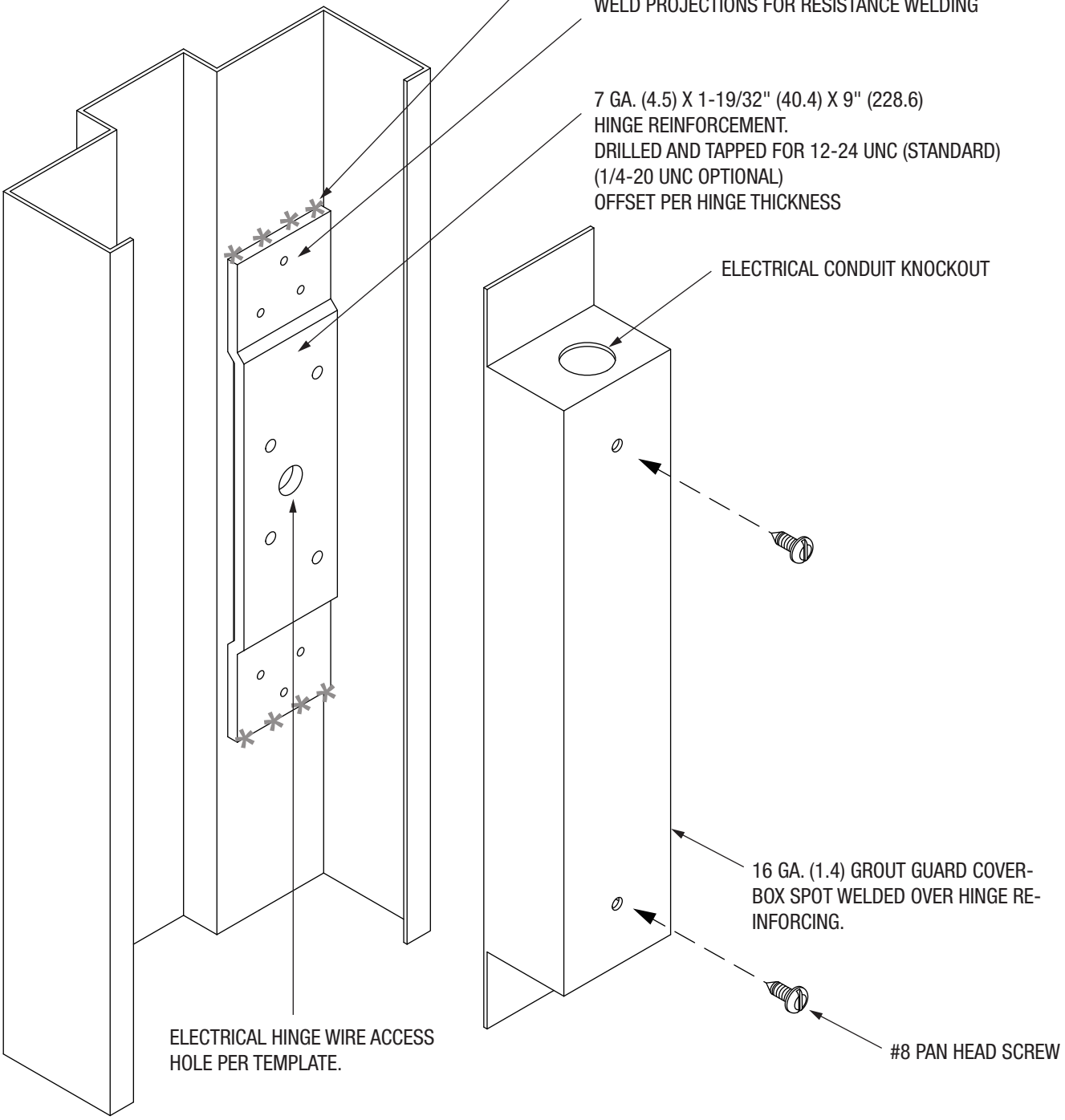
CURRIES
ASSA ABLOY

Electric Hinge and Grout Guard

Frame Technical Data

November, 2004

L



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

HGA - Anchor Hinge Preparation

Frame Technical Data

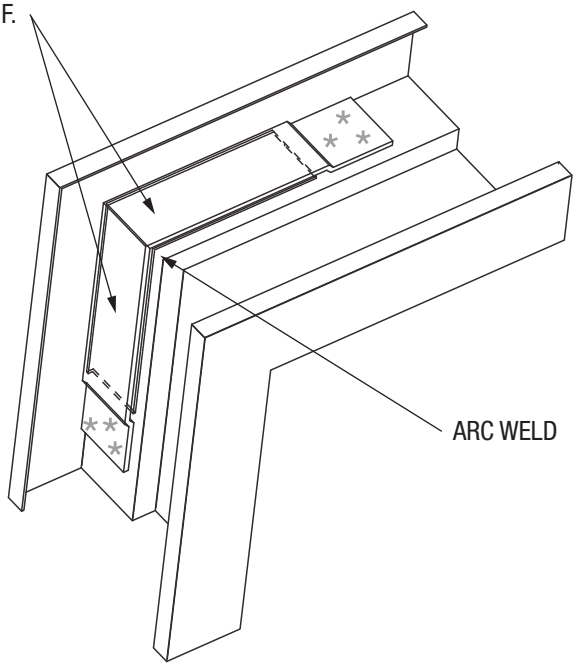
April, 2002

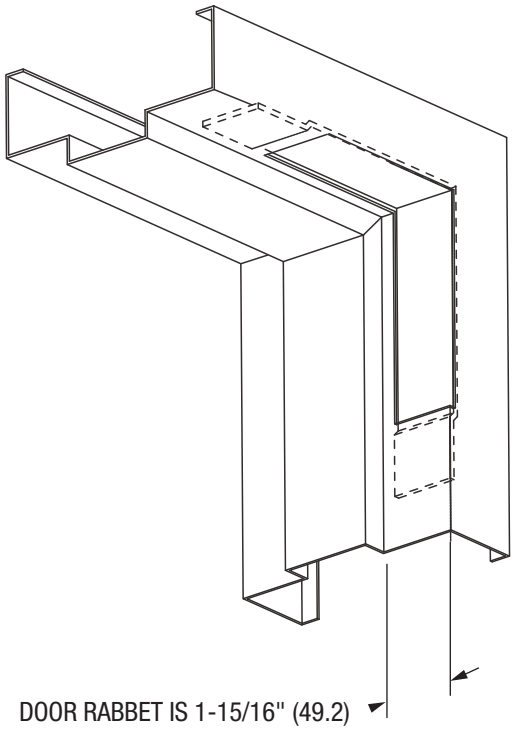
L

7 GA. (4.5) HINGE REINF.

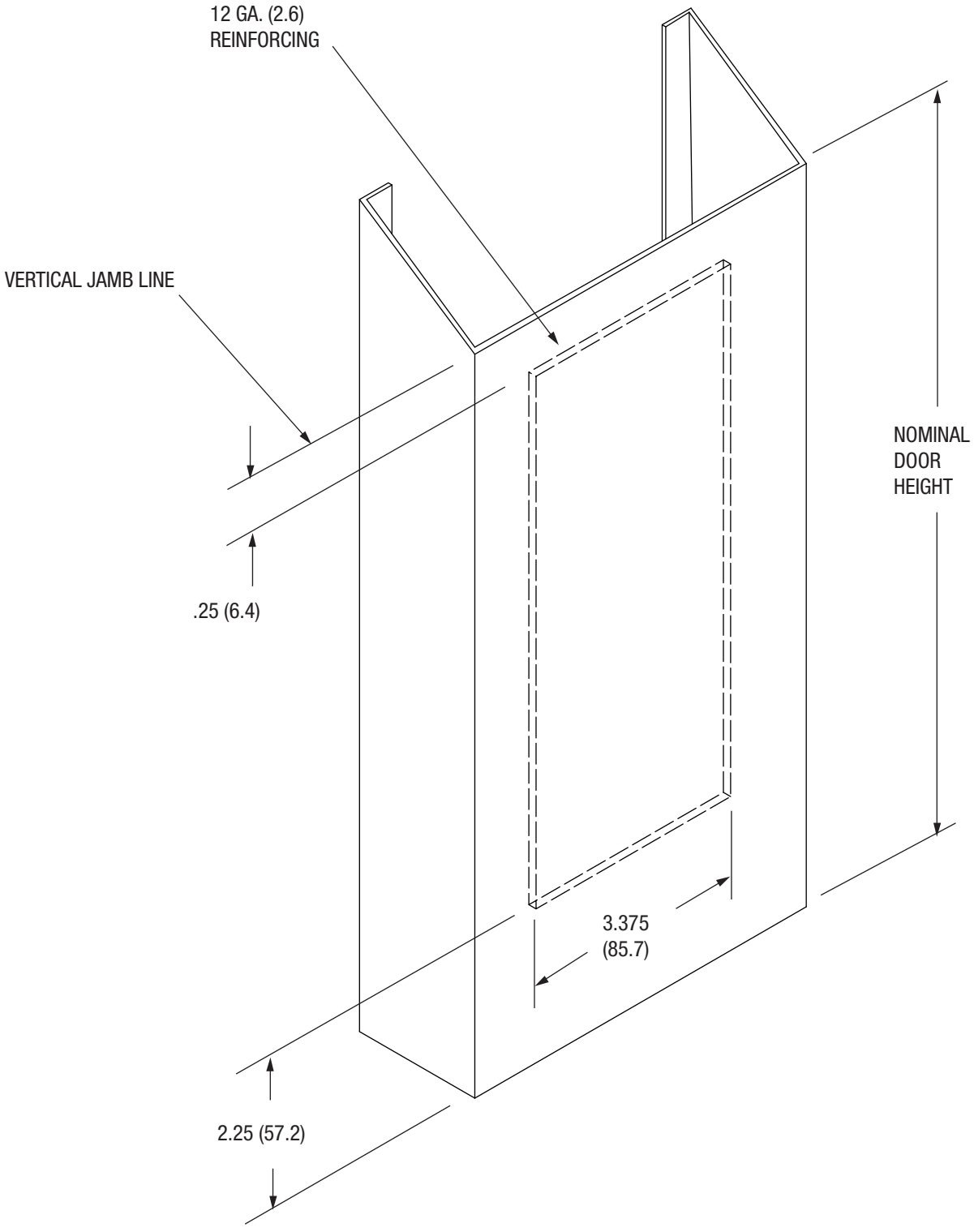
CURRIES DOES NOT DRILL AND TAP FOR HINGE SCREWS, UNLESS FRAME IS FACTORY WELDED AND PHYSICAL SAMPLES ARE PROVIDED.

IF FRAME IS STICK OR KD THE PARTS ARE SHIPPED LOOSE AND ARE NOT WELDED TOGETHER, DRILL AND TAP IN FIELD.





L

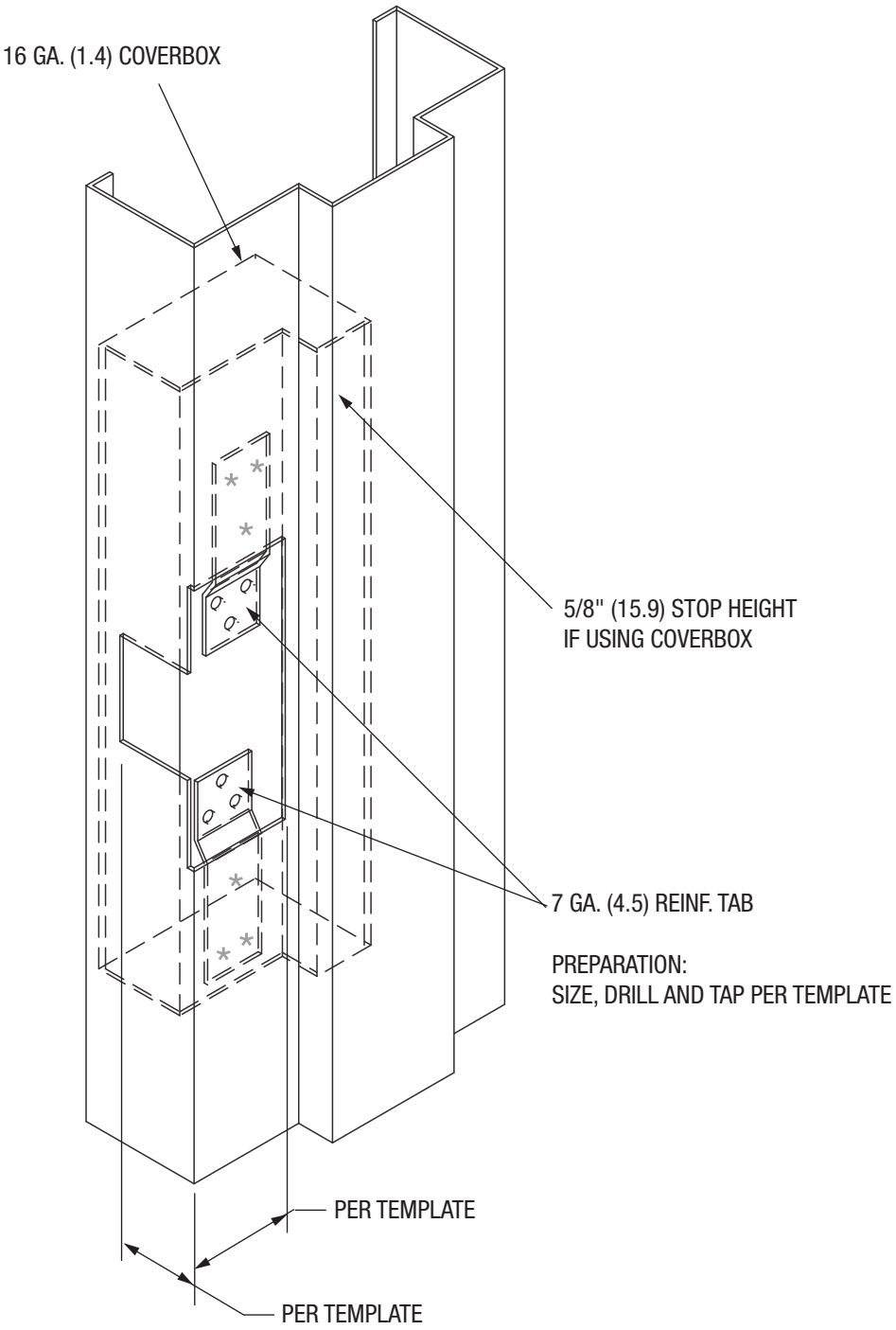

12 GA. (2.6)
REINFORCING
VERTICAL JAMB LINE
.25 (6.4)
NOMINAL
DOOR
HEIGHT
3.375
(85.7)
2.25 (57.2)

Pocket Pivot Preparation

Frame Technical Data

April, 2002

L



NOTE: SOME POCKET PIVOTS REQUIRE FRAME FACE DIMENSIONS GREATER THAN 2" (50.8) - KD FRAMES NOT AVAILABLE OVER 2" FACE.

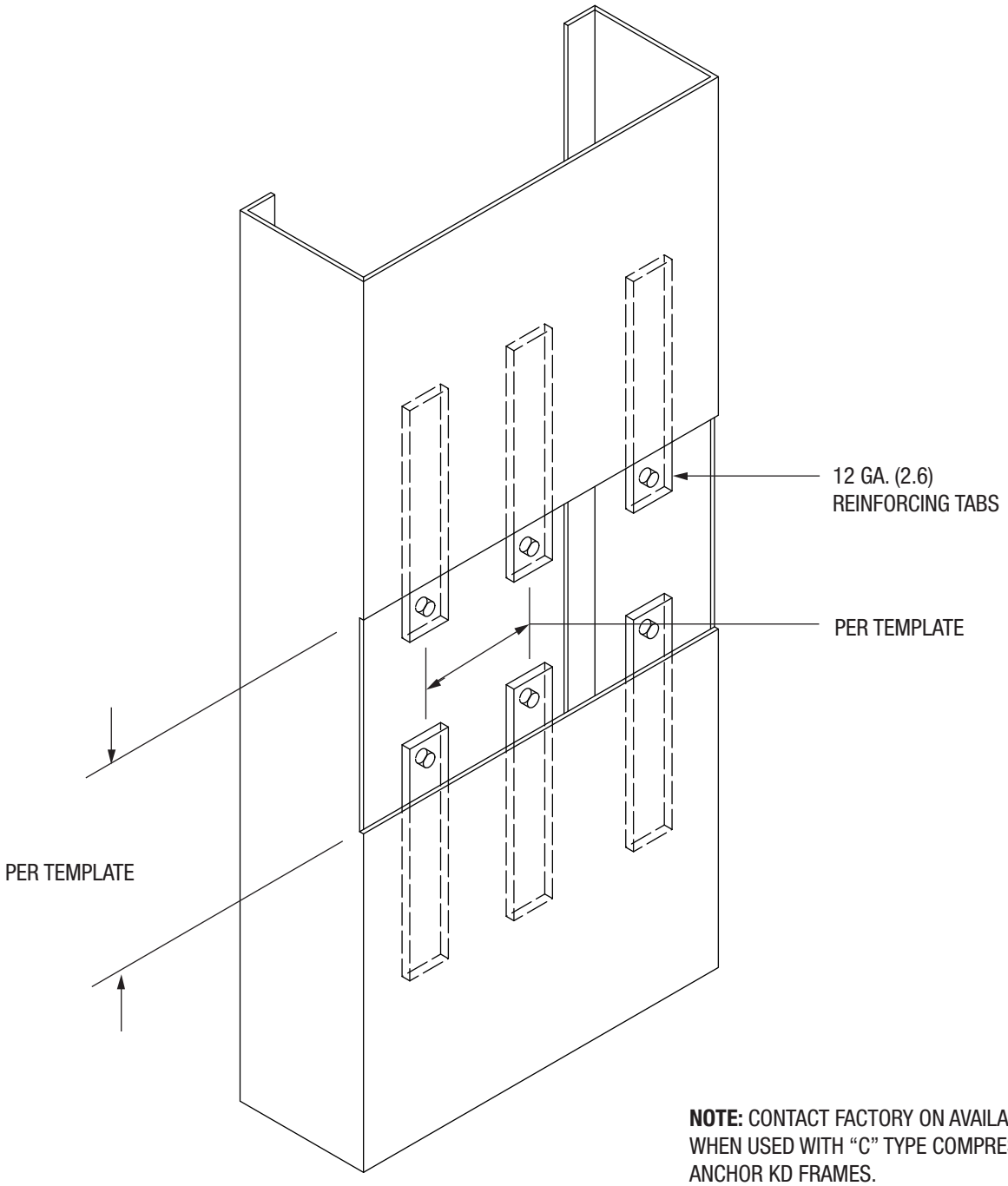
CURRIES
ASSA ABLOY

SDL - Strike - Double Lip

Frame Technical Data

November, 2004

L

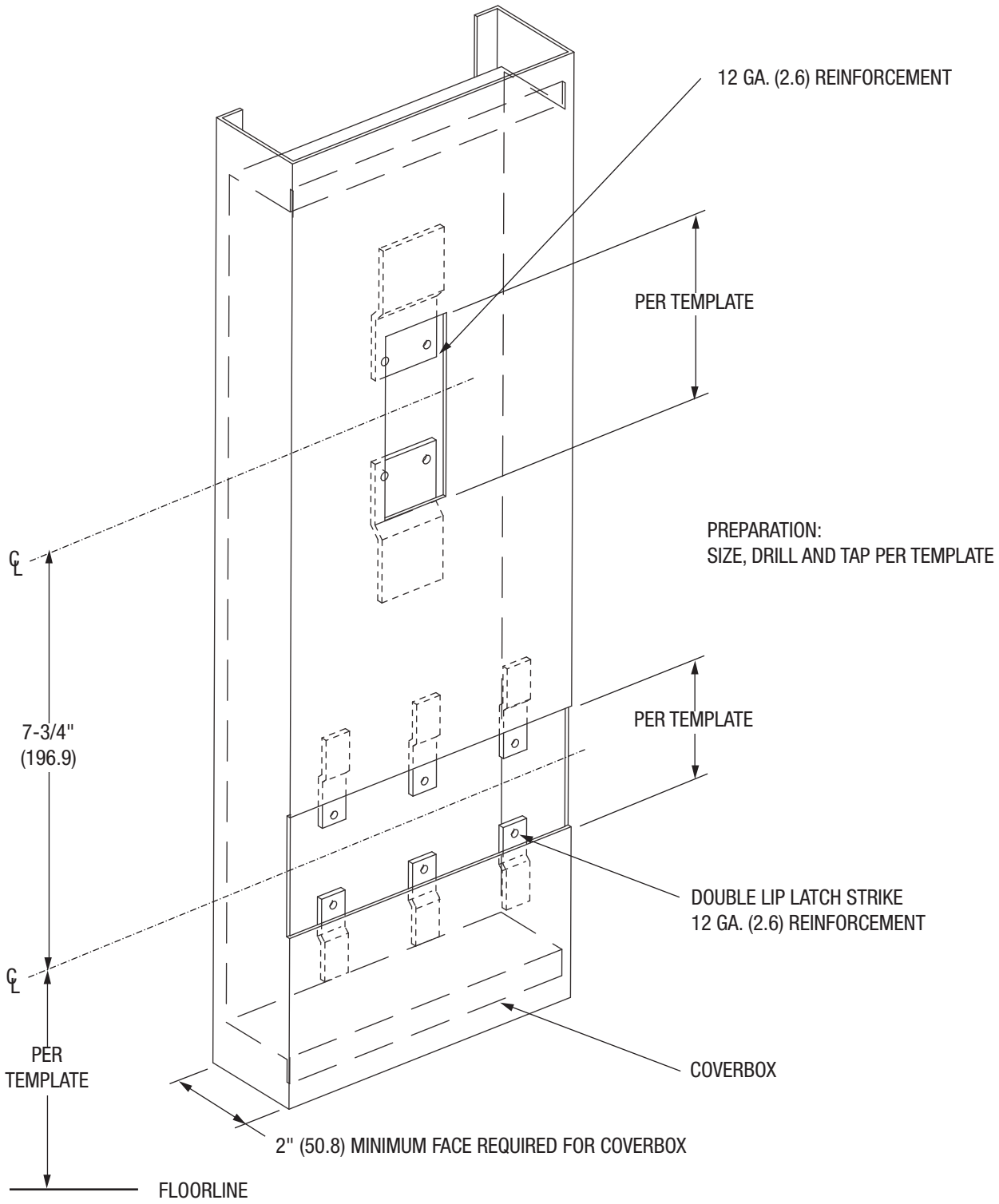


NOTE: CONTACT FACTORY ON AVAILABILITY WHEN USED WITH "C" TYPE COMPRESSION ANCHOR KD FRAMES.

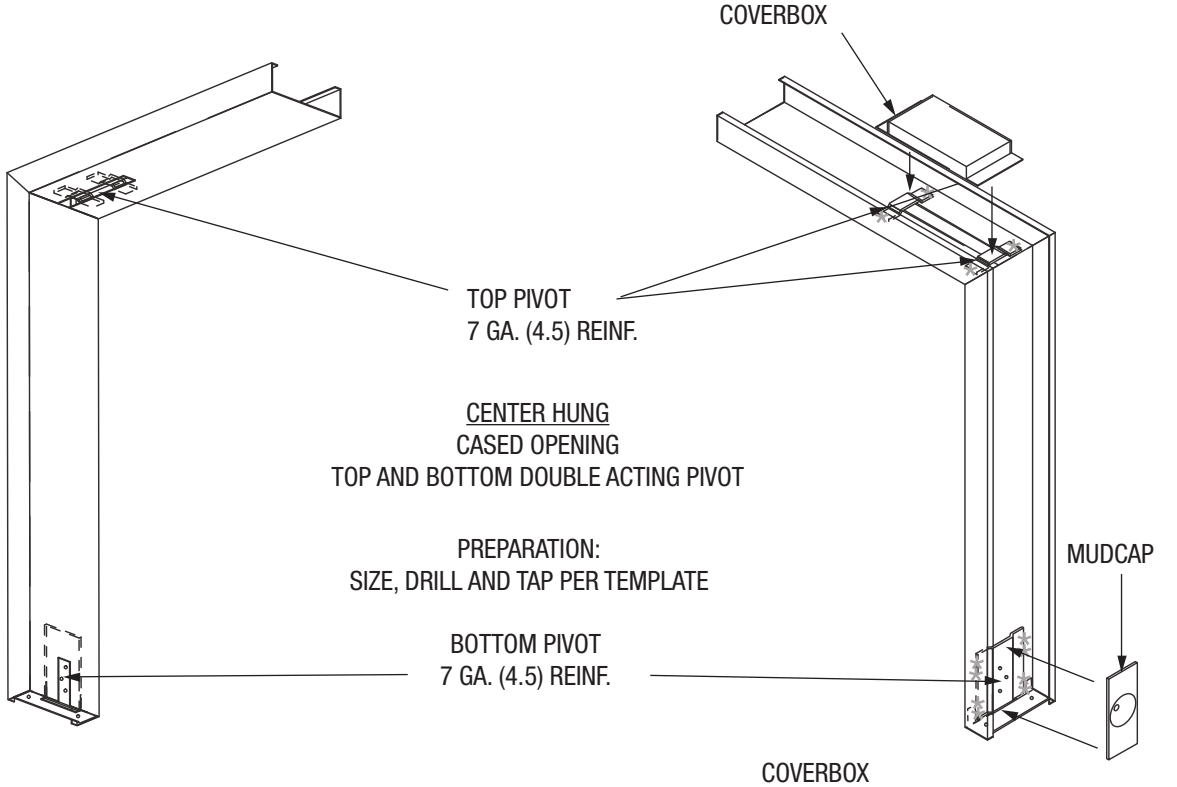
Rescue Hardware Frame

Frame Technical Data

November, 2004

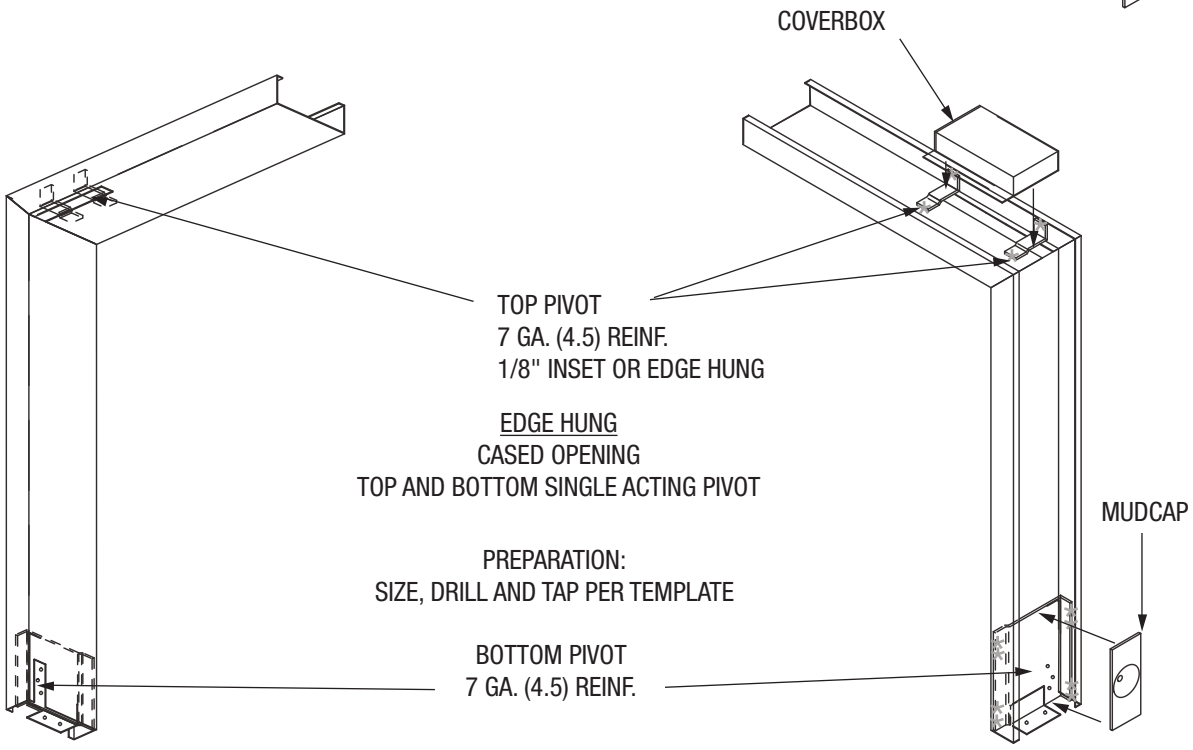


NOTE: CONTACT FACTORY ON AVAILABILITY WHEN USED WITH "C" TYPE COMPRESSION ANCHOR KD FRAMES.



CENTER HUNG
CASED OPENING
TOP AND BOTTOM DOUBLE ACTING PIVOT

PREPARATION:
SIZE, DRILL AND TAP PER TEMPLATE



EDGE HUNG
CASED OPENING
TOP AND BOTTOM SINGLE ACTING PIVOT

PREPARATION:
SIZE, DRILL AND TAP PER TEMPLATE

NOTE: NOT ALL BOTTOM PIVOTS REQUIRE A FRAME PREP.

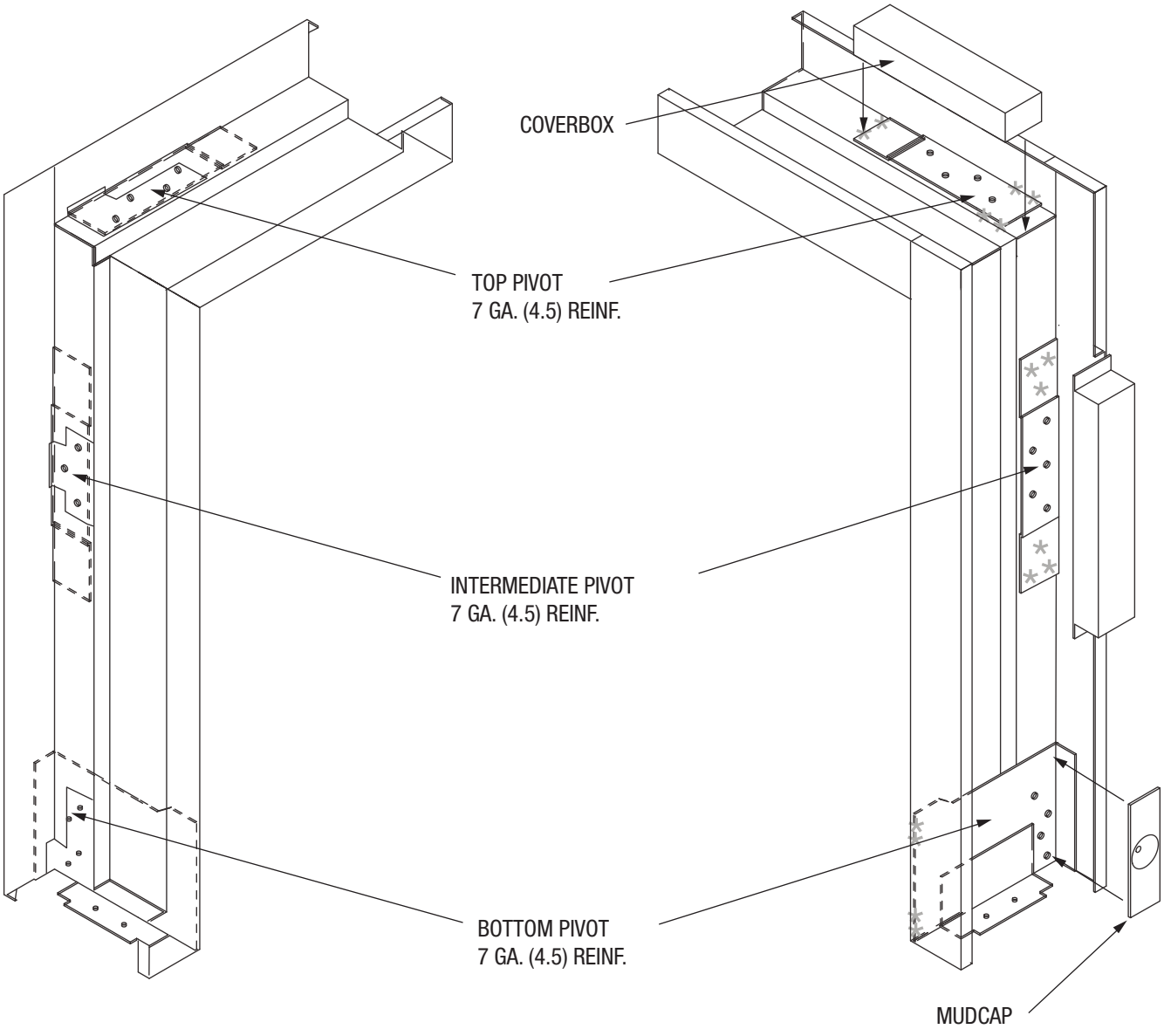
EDGE HUNG

Frame Pivots - Top, Intermediate, Bottom - Single Acting

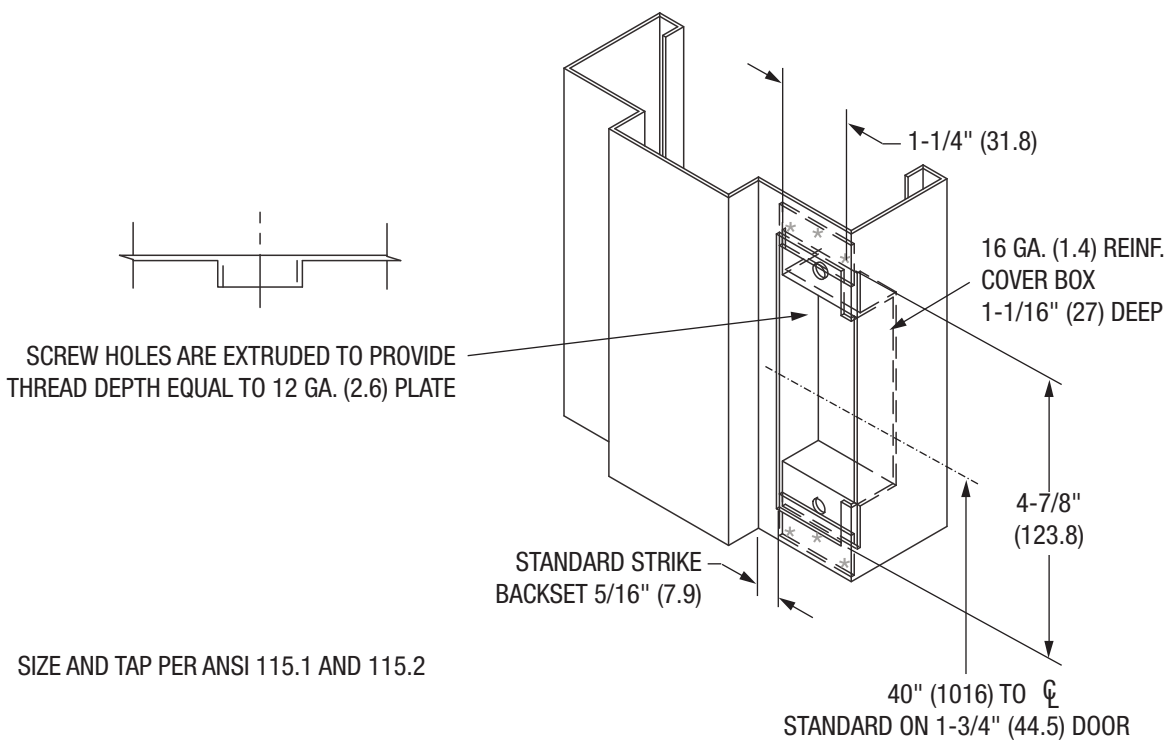
Frame Technical Data

April, 2002

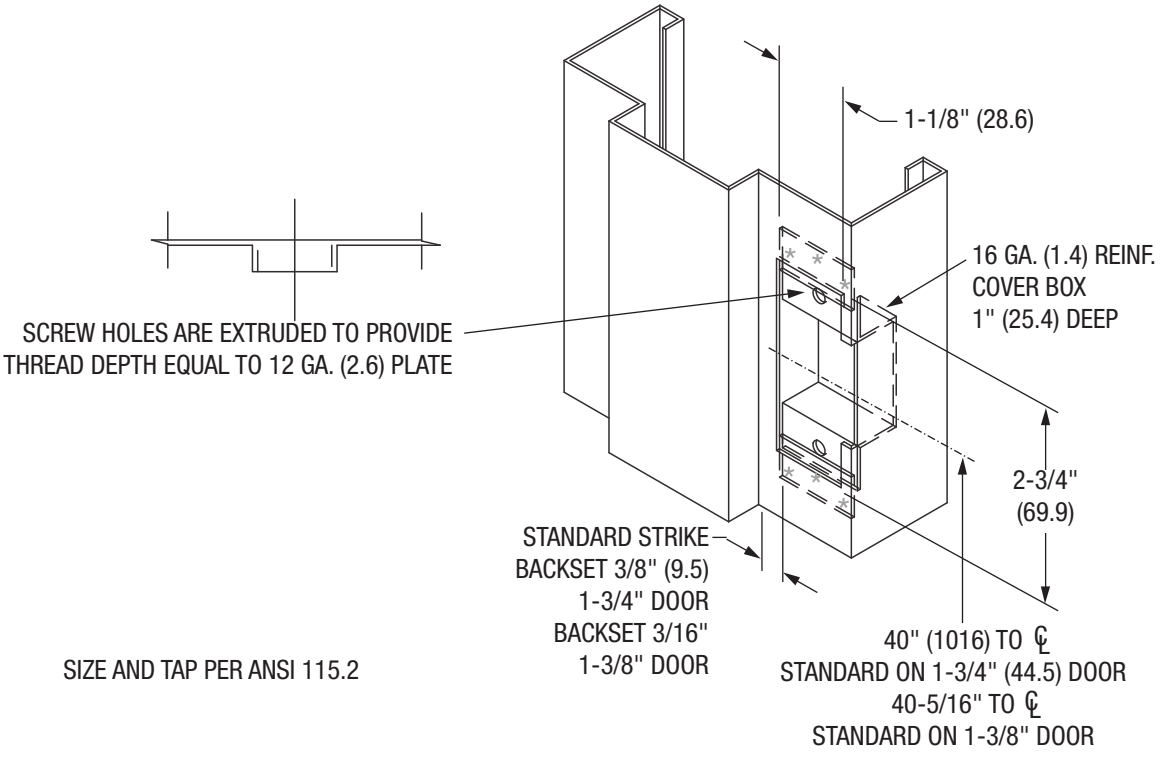
L



E1 Strike Reinf. (ANSI A115) 1-1/4" x 4-7/8"



E2 Strike Reinf. (ANSI A115) 1-1/8" x 2-3/4"

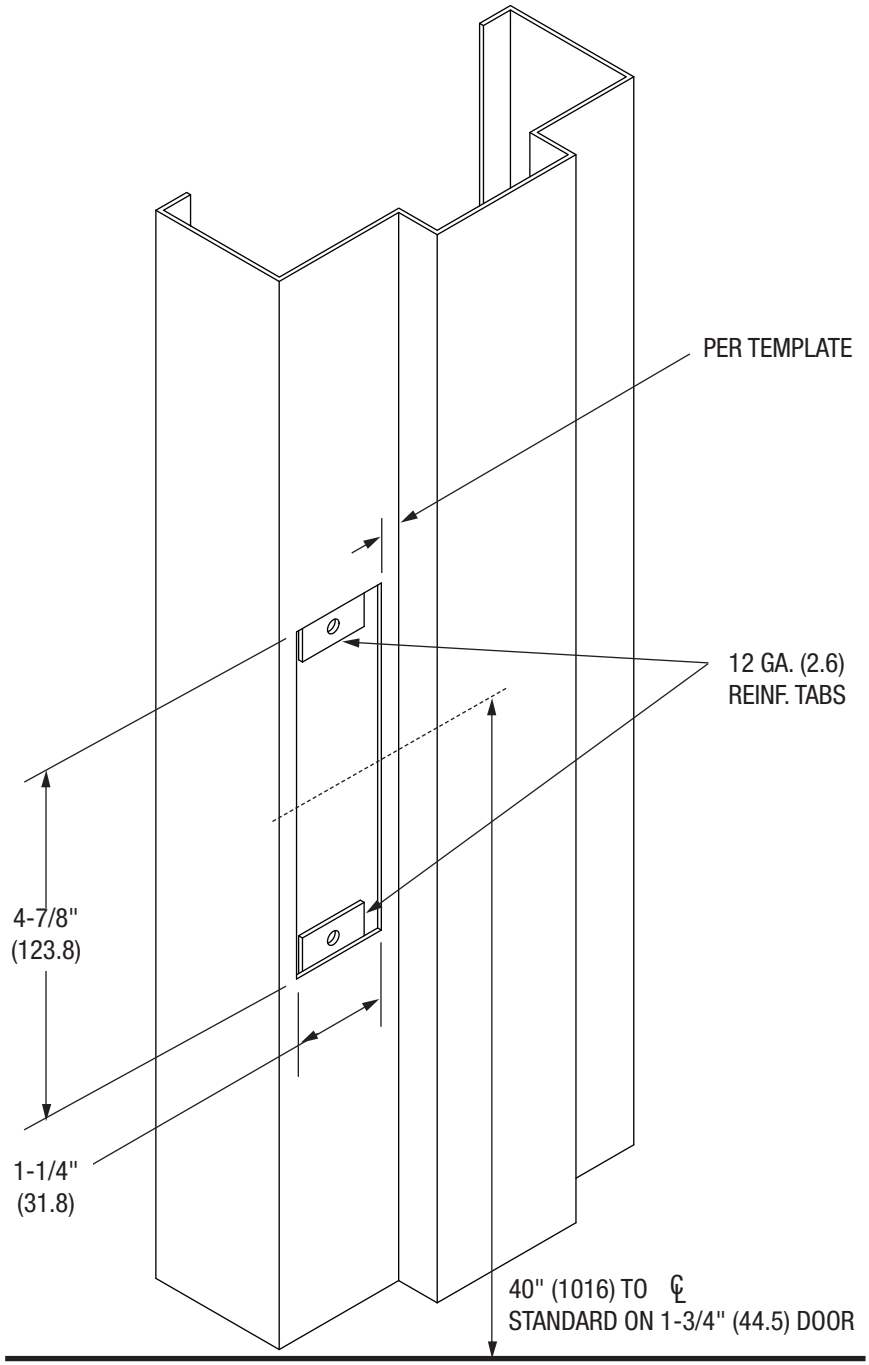


E1B - Strike Reinf. 1-1/4" x 4-7/8" No Lip

Frame Technical Data

April, 2002

L

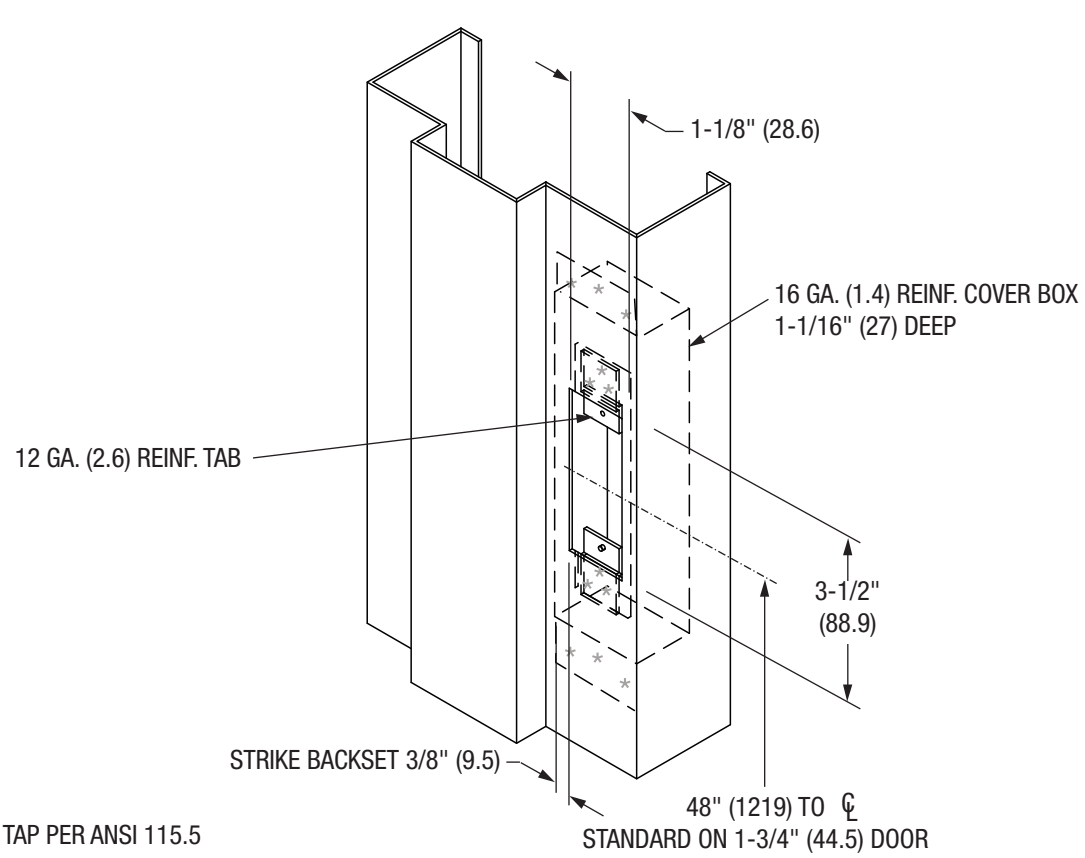


CURRIES
ASSA ABLOY

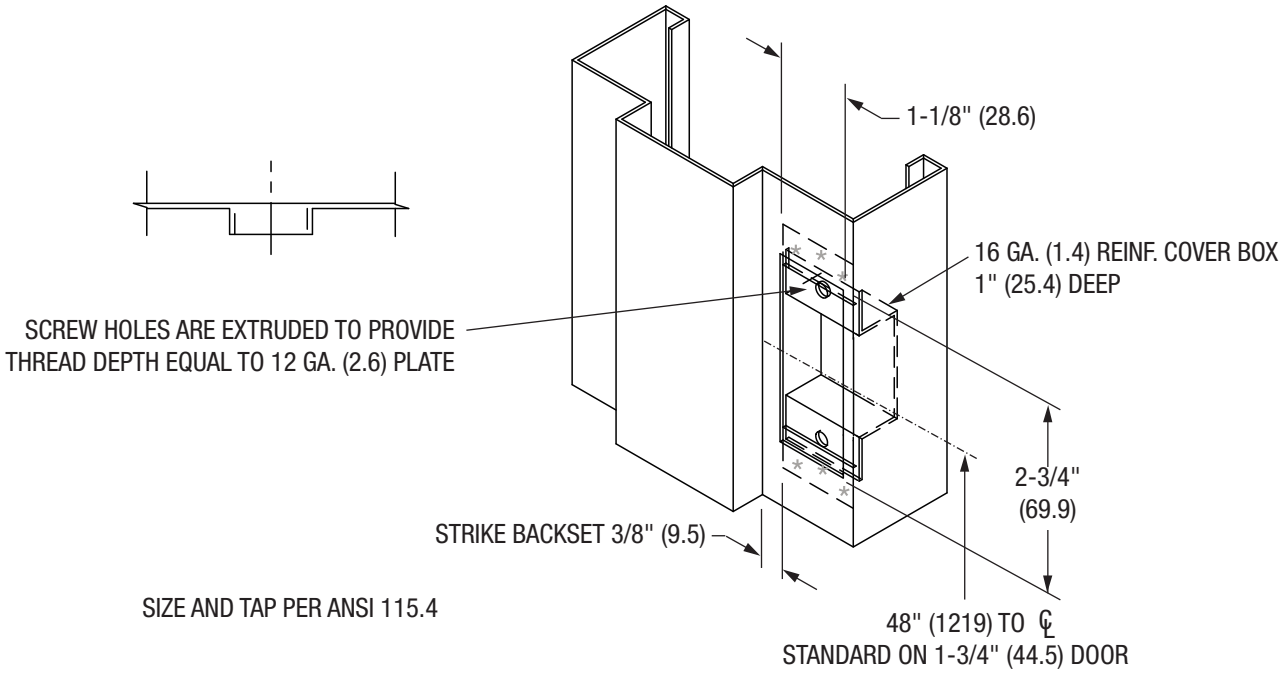
E3 Deadlock Strike Reinf. (ANSI/A115) 1-1/8" x 3-1/2"

Frame Technical Data

April, 2002



E4 Deadlock Strike Reinf. (ANSI/A115) 1-1/8" x 2-3/4" No Lip

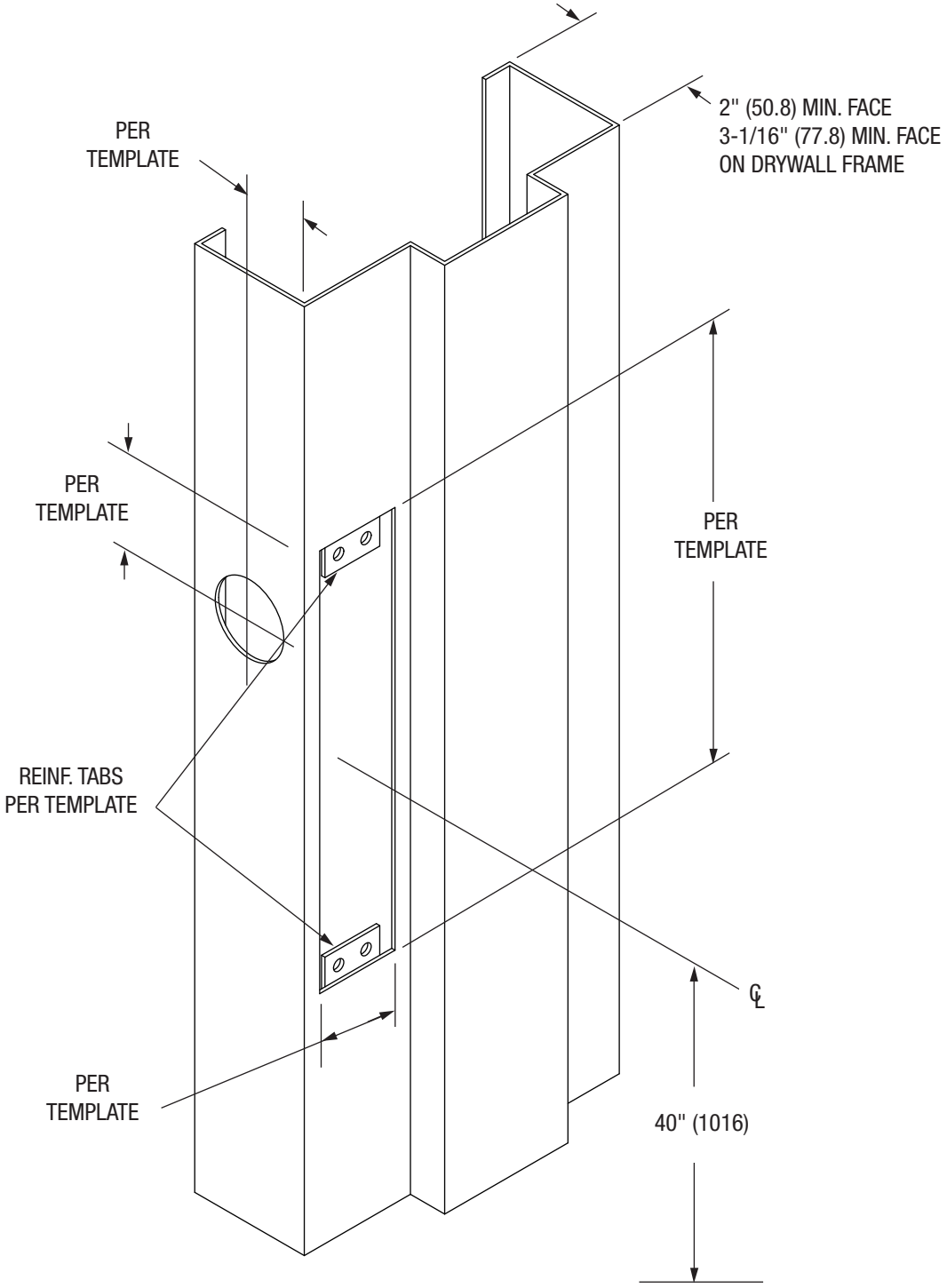


EJ2 - Jamb Lock 2" (50.8) Face

Frame Technical Data

April, 2002

L



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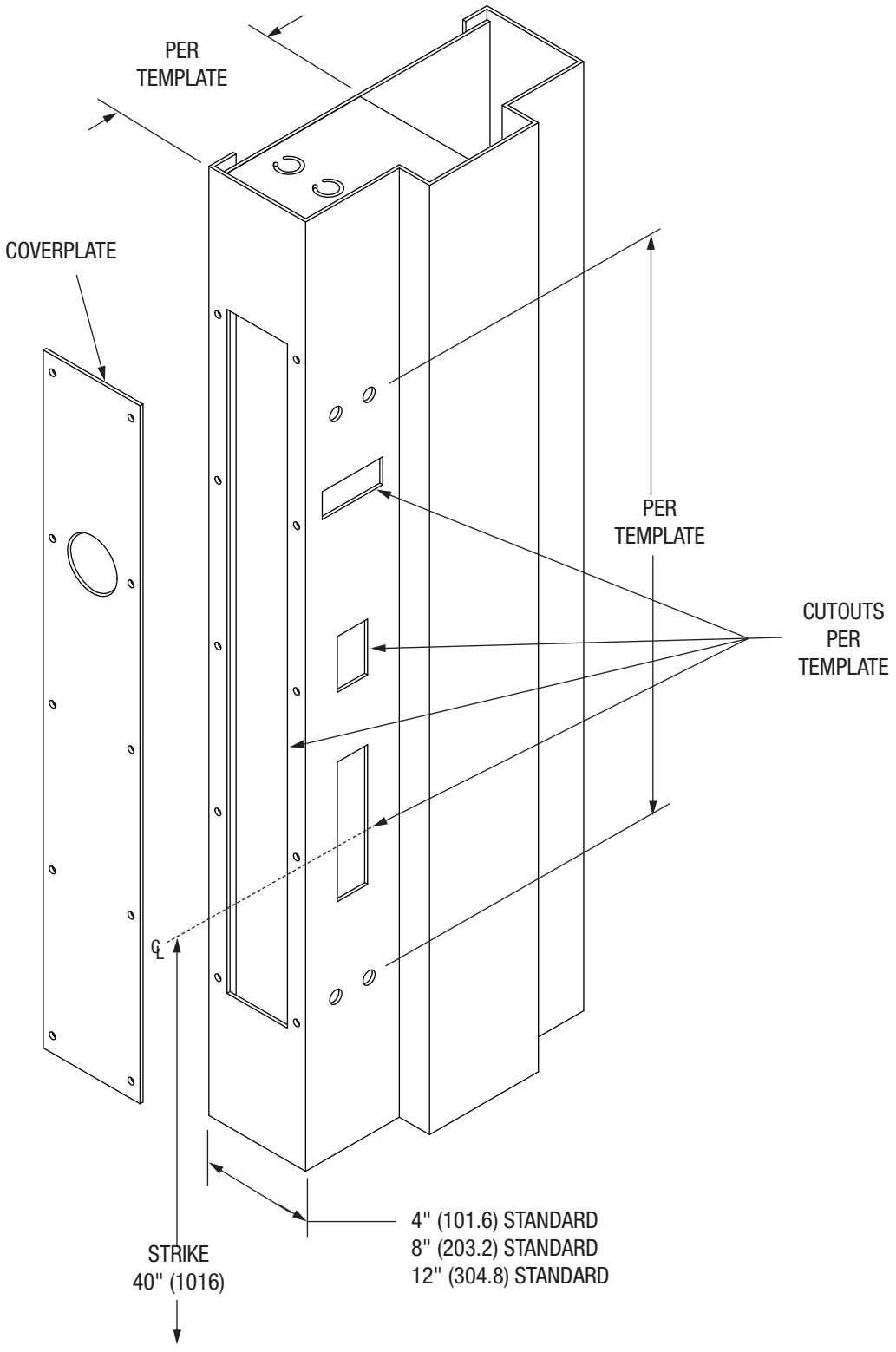
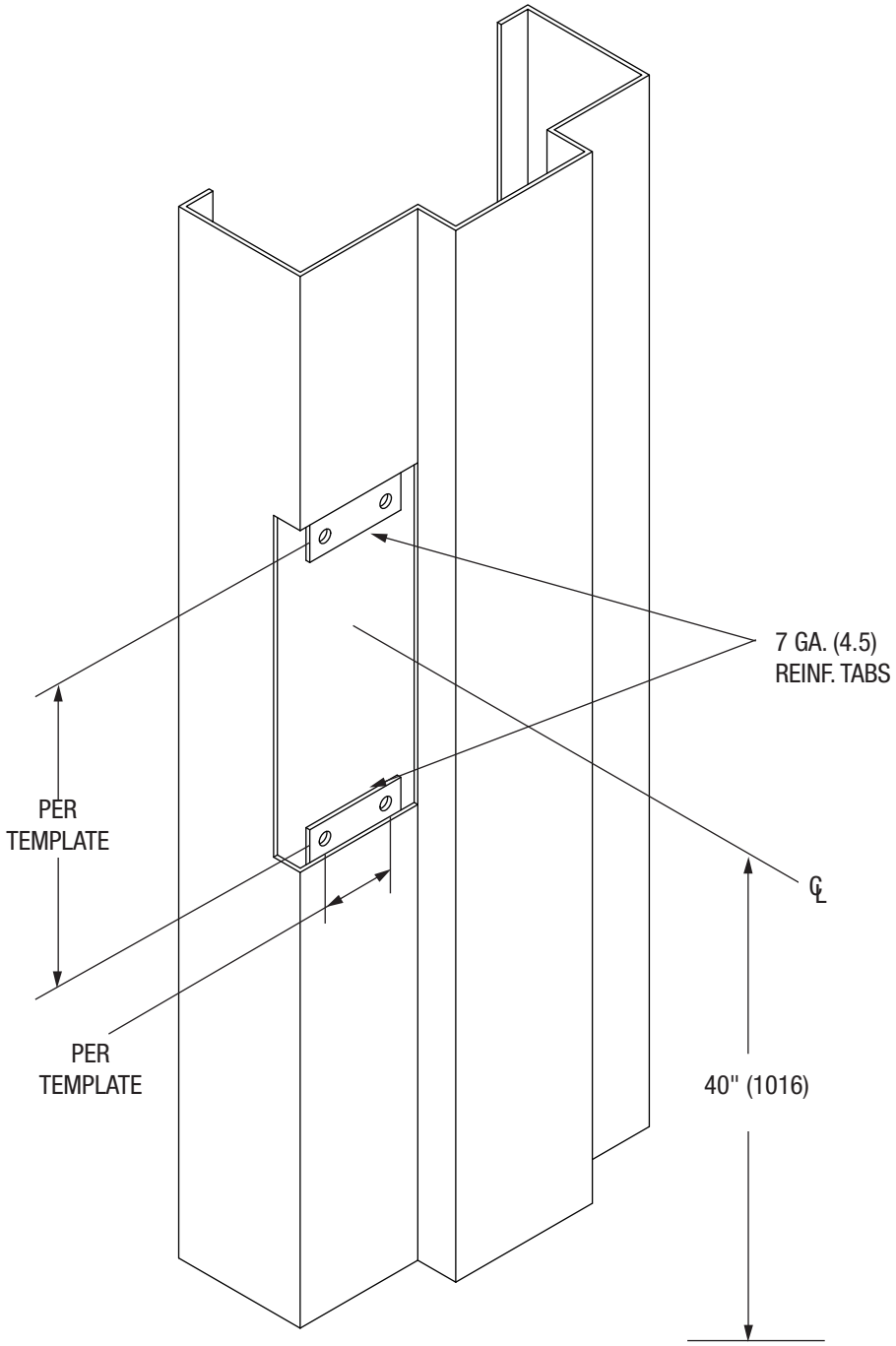

PER
TEMPLATE
COVERPLATE
PER
TEMPLATE
CUTOUTS
PER
TEMPLATE
℄
4" (101.6) STANDARD
8" (203.2) STANDARD
12" (304.8) STANDARD
STRIKE
40" (1016)

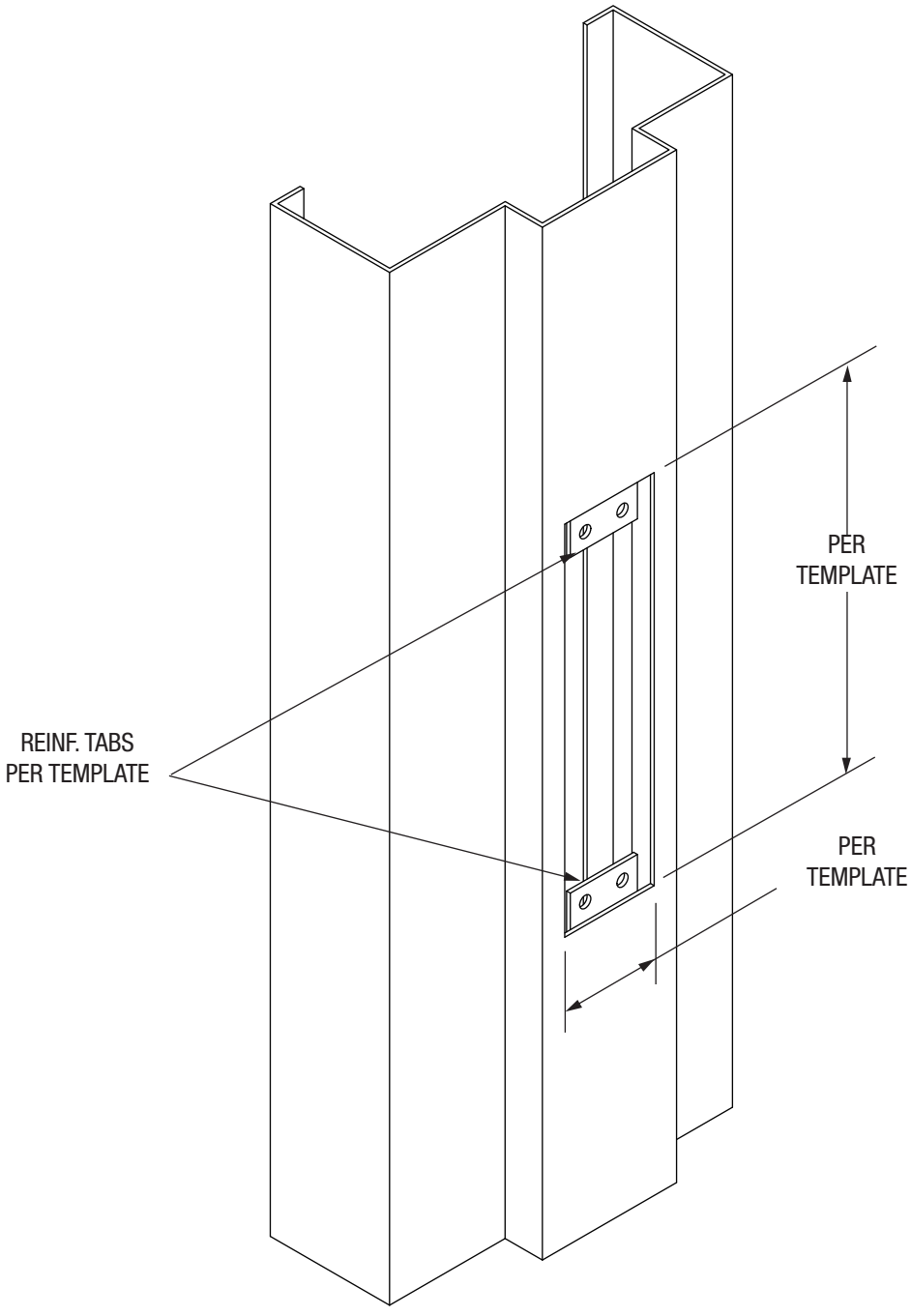
E30 - Strike - Pocket Lock

Frame Technical Data

July, 2003

L




PER
TEMPLATE
REINF. TABS
PER TEMPLATE
PER
TEMPLATE

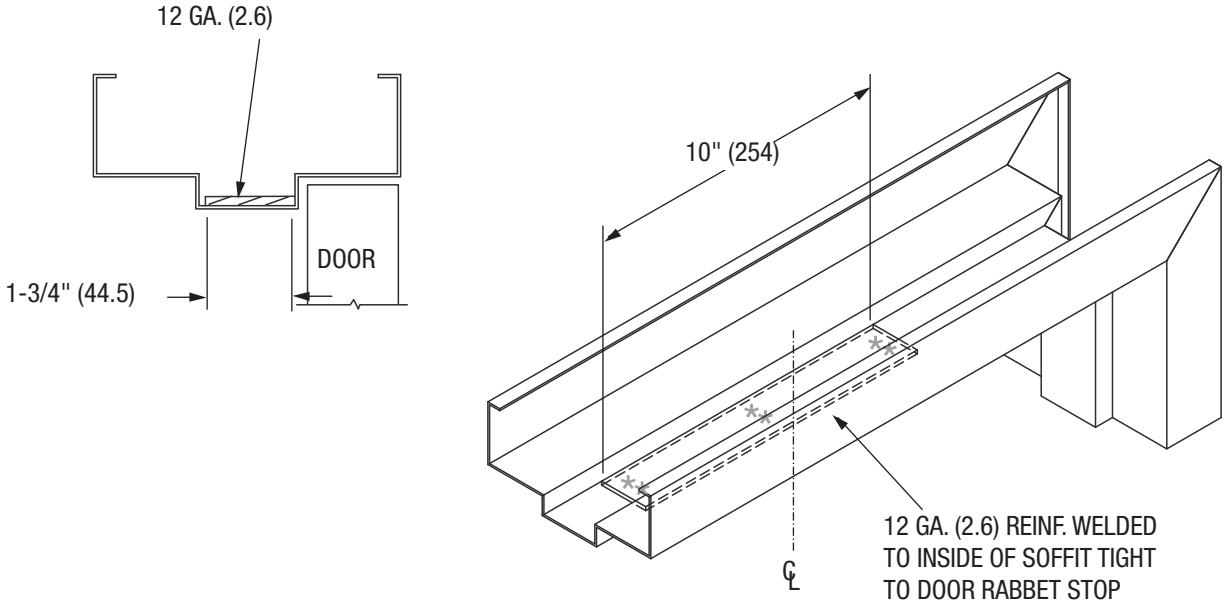
E5 Rim Vertical Rod Surface Strike Reinf.

Frame Technical Data

April, 2002

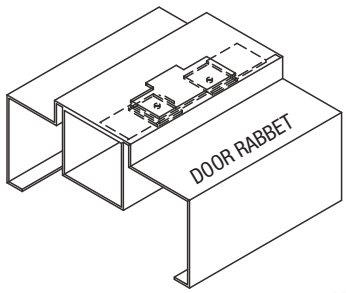
Ⓛ

E5 REINFORCING IS LOCATED ON CENTERLINE OF HEAD FOR PAIR FRAMES
AND ADJACENT TO STRIKE JAMB ON SINGLE SWING FRAMES.



G20 Vertical Rod Exit Mortise Strike Preparation

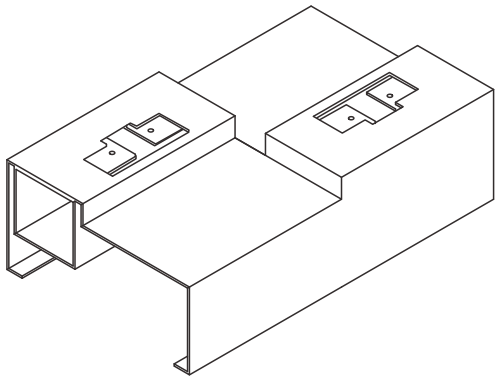
Ⓛ



G20 PREPARED FOR MORTISE STRIKES PER
TEMPLATE OF HARDWARE MANUFACTURER

SPECIFY EXIT DEVICE AND STRIKE BEING USED WHEN ORDERING

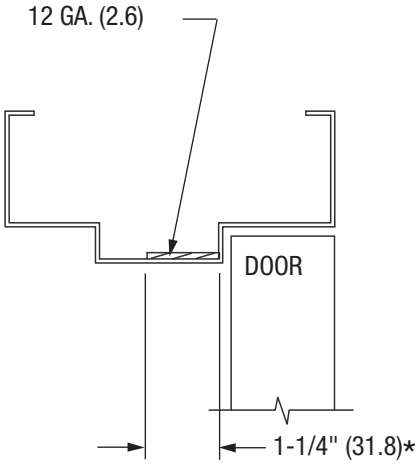
HEADS

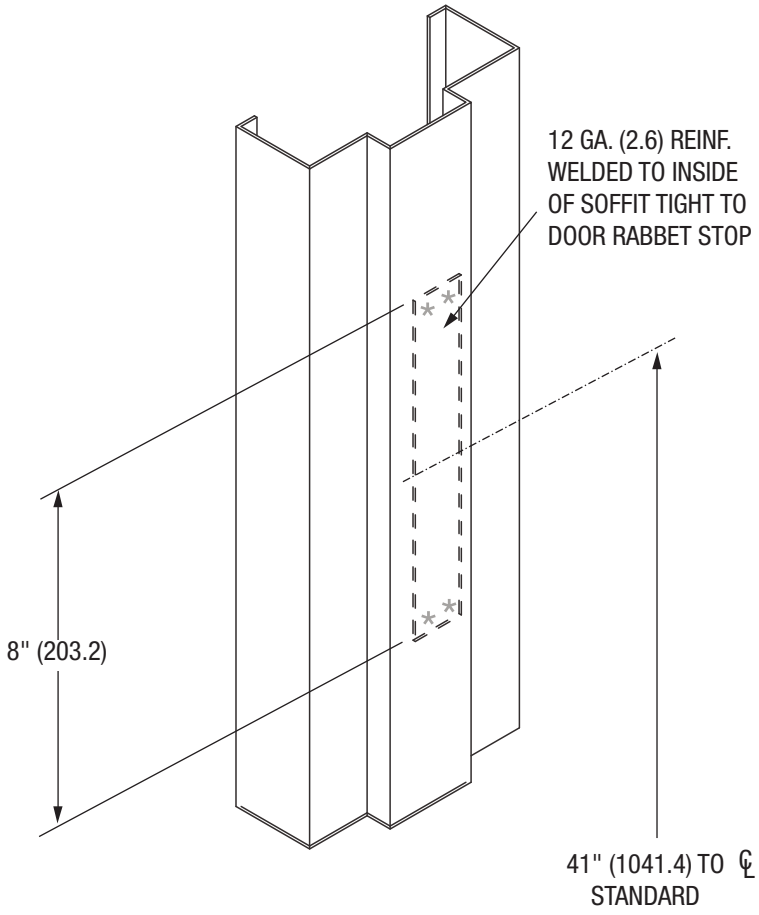


E8 Rim Exit Reinforcement

Frame Technical Data

April, 2002



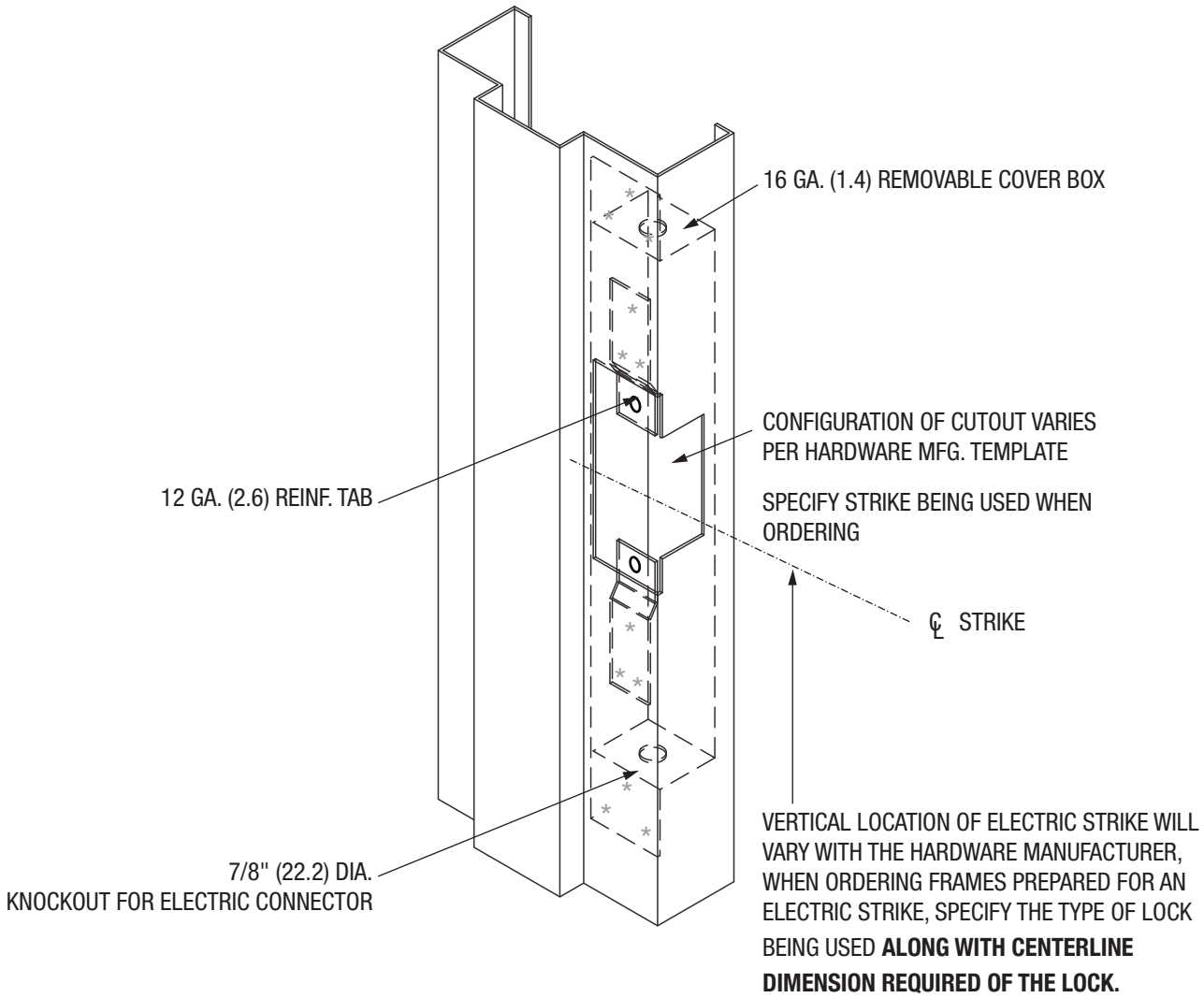


* THE REINFORCEMENT WIDTH WILL BE EQUAL TO THE SOFFIT WIDTH WHEN LESS THAN 1-1/4" (31.8). CUSTOMER SHOULD VERIFY HARDWARE COMPATIBILITY BEFORE ORDERING NARROW SOFFITS.

CURRIES
ASSA ABLOY

April, 2002

L



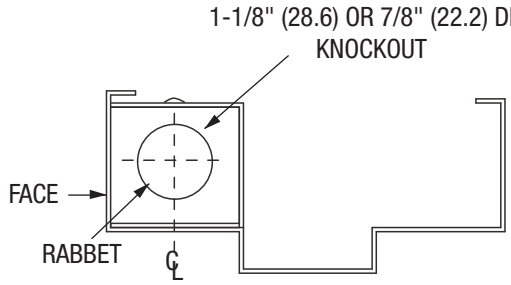
NOTE: FIRE RATED FRAMES INCORPORATING AN ELECTRIC STRIKE WITH A COVERBOX, REQUIRE THAT THE WALL BOARD PENETRATE THE THROAT OF THE FRAME BY 1/2" (12.7) MINIMUM. ELECTRIC STRIKE MUST BE LISTED FOR USE WITH FIRE RATED OPENINGS.

CURRIES
ASSA ABLOY

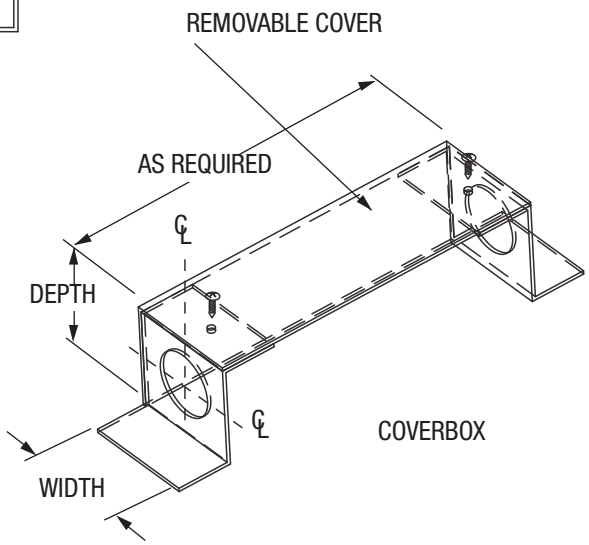
Conduit - Coverbox Clearance Dimensions

Frame Technical Data

September, 2005



END VIEW OF FRAME AND COVERBOX

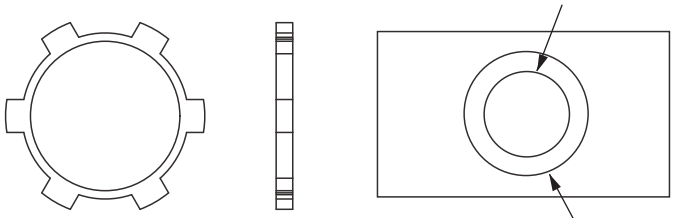


1/2" CONDUIT CONNECTORS ARE FOR 7/8" KNOCKOUT / 1-1/8" HIGH COVERBOX
3/4" CONDUIT CONNECTORS ARE FOR 1-1/8" KNOCKOUT / 1-1/2" HIGH COVERBOX

DOUBLE KNOCKOUT FOR 1/2" AND 3/4"

CONDUIT CONNECTORS ARE FOR THE
1-1/2" HIGH COVER BOX ONLY

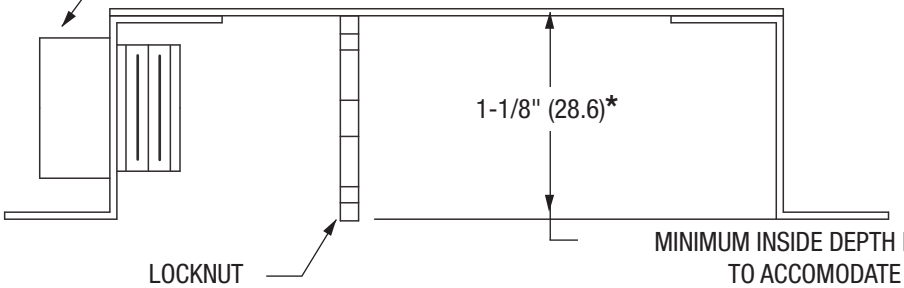
1-1/8" HIGH COVERBOX HAS 7/8" KNOCKOUT ONLY FOR
1/2" CONDUIT CONNECTOR



1/2" (12.7) CONDUIT CONNECTOR LOCKNUT
BY OTHERS

1/2" (12.7) CONDUIT CONNECTOR
BY OTHERS

SIDE VIEW OF COVERBOX



MINIMUM INSIDE DEPTH DIMENSION REQUIRED
TO ACCOMODATE THE LOCKNUT.

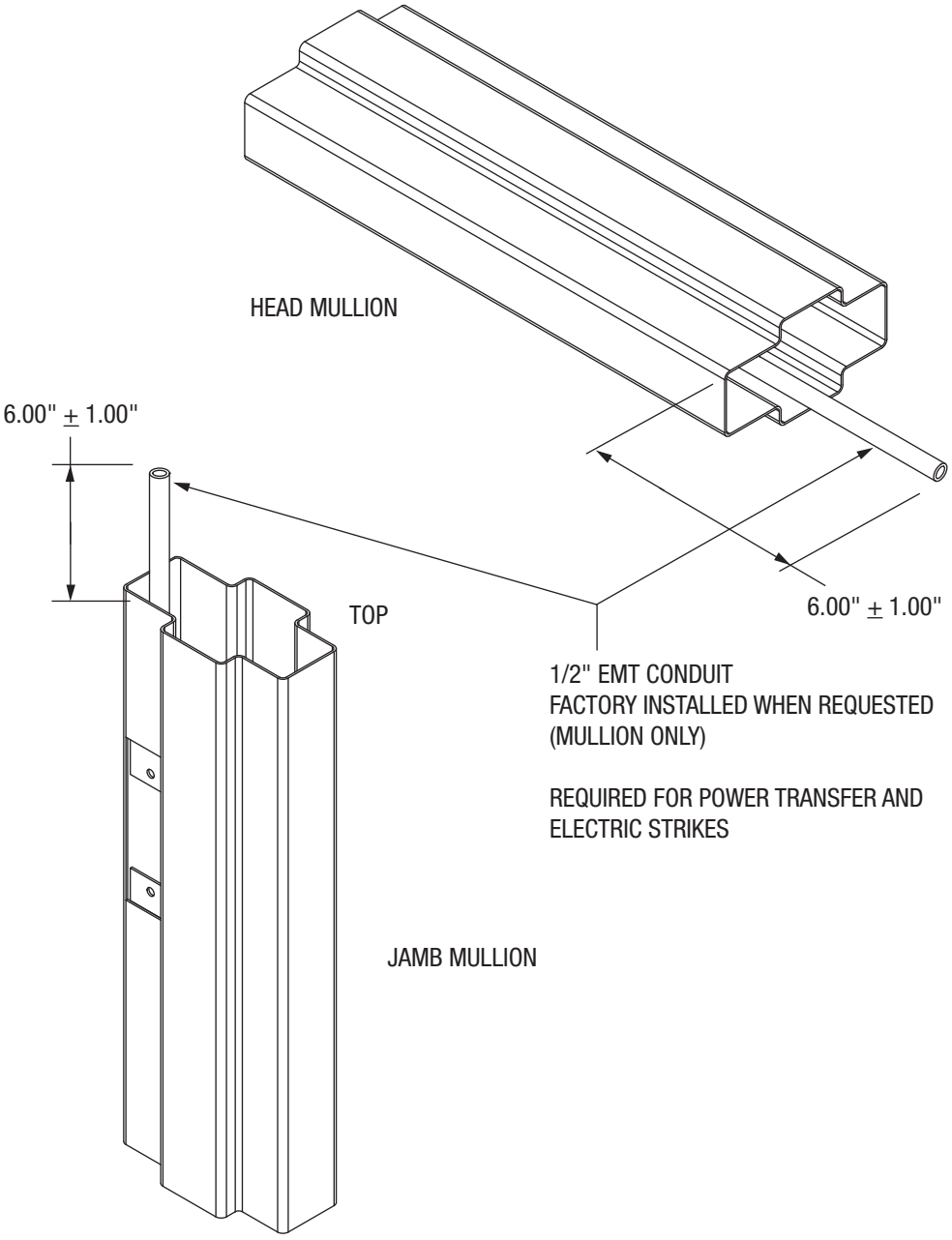
* 1-1/2" (38.1) FOR 3/4" CONDUIT CONNECTOR

Conduit Preparation (RW-3)

Frame Technical Data

March, 2013

(L)



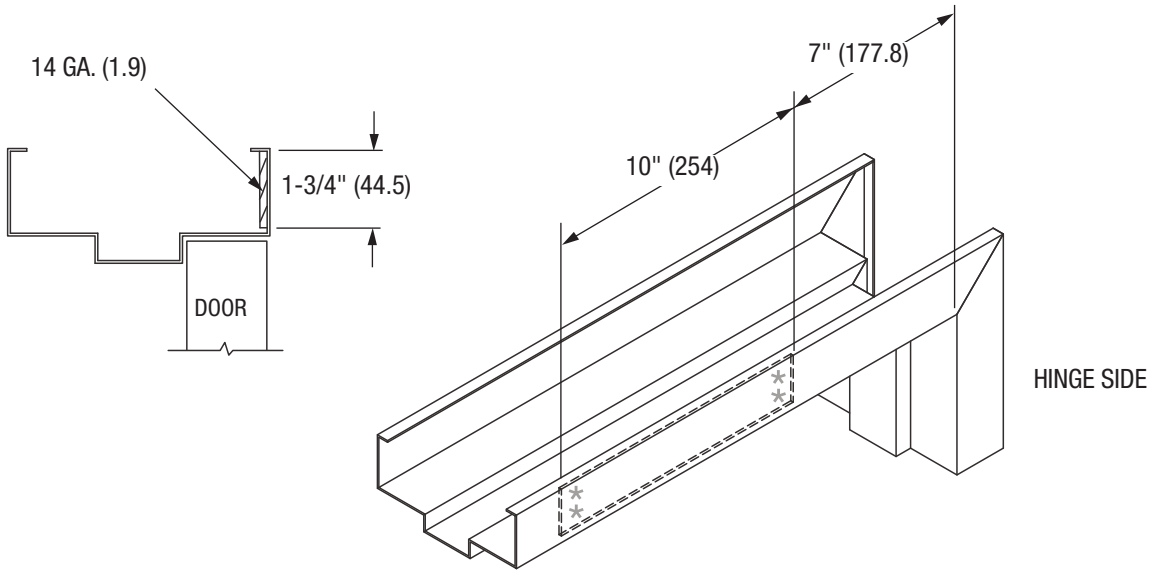
CURRIES
ASSA ABLOY

E10 Standard Mtg. 14 ga. Closer Reinforcement

Frame Technical Data

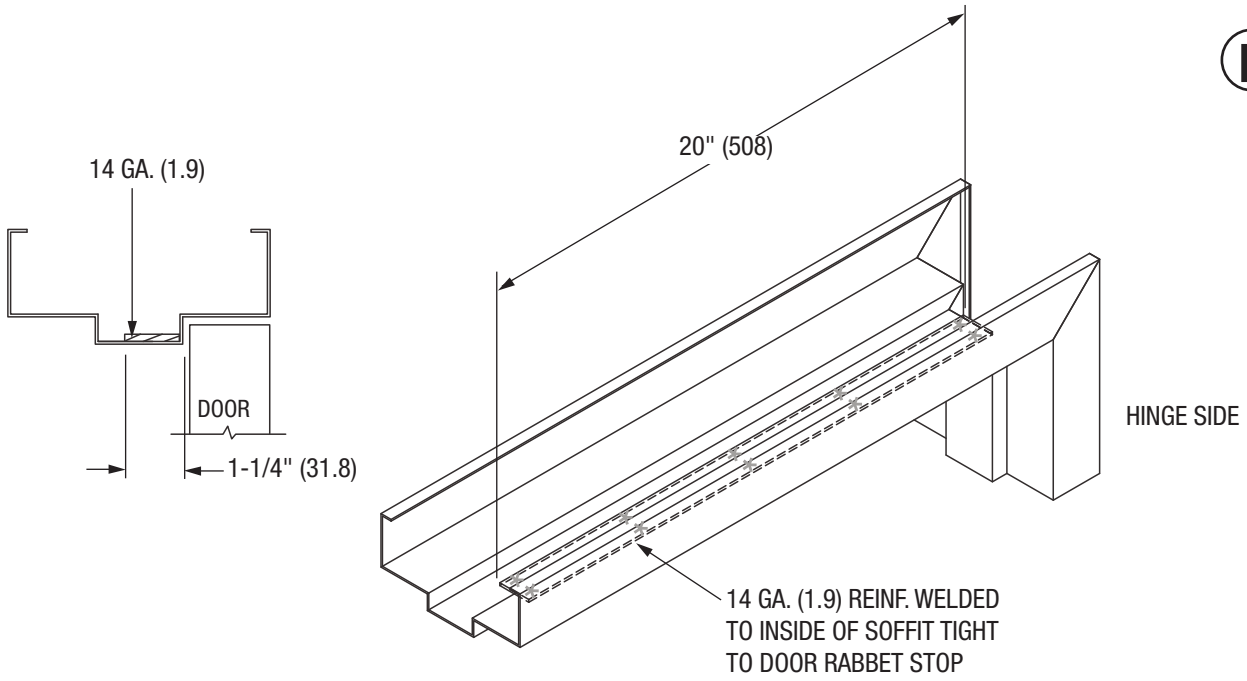
January, 2005

L



E11 Parallel Arm Mtg. 14 ga. Closer Reinf.

L



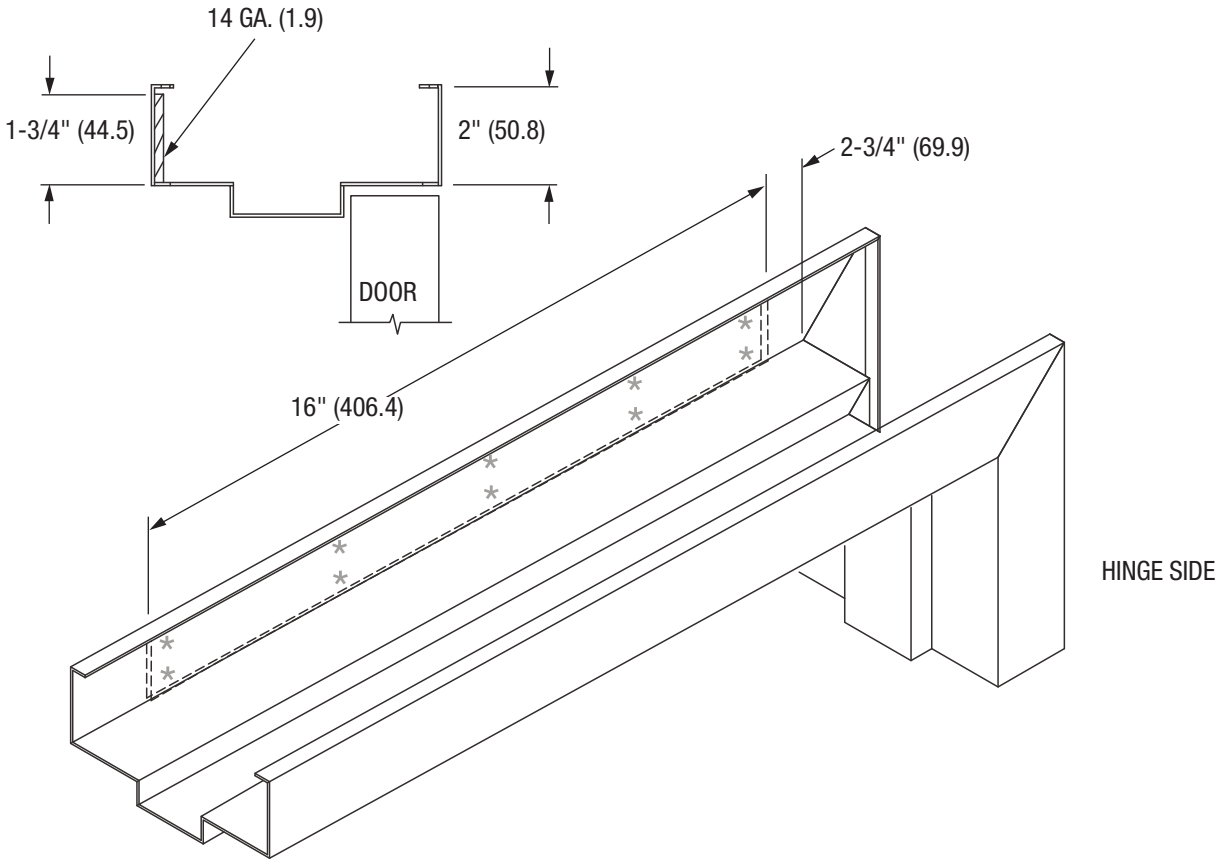
NOTE: WHEN SOFFIT WIDTH IS LESS THAN 1" - E16 WILL BE USED

E12 Top Jamb Mtg. 14 ga. Closer Reinf.

Frame Technical Data

November, 2004

L



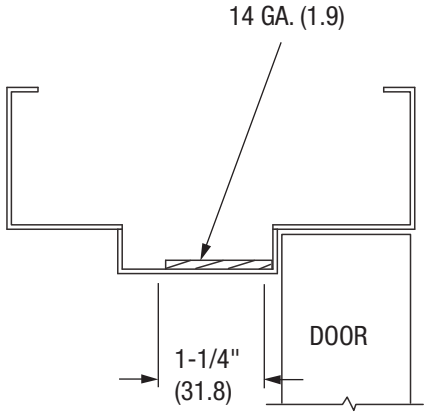
CURRIES
ASSA ABLOY

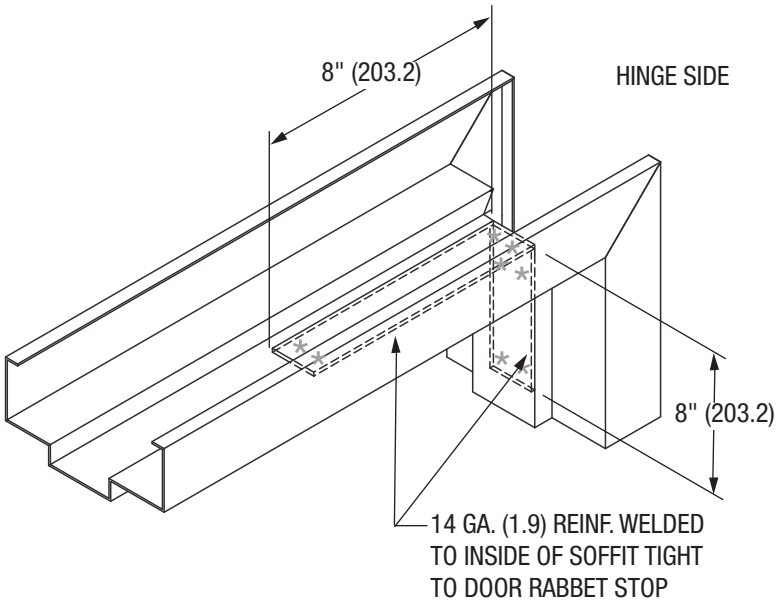
E13 Corner Bkt. Mtg. 14 ga. Closer Reinf.

Frame Technical Data

January, 2005

L

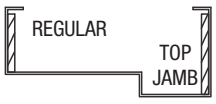




Double Egress Frame Closer Reinforcements

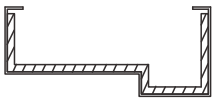
L

E11 ----------PARALLEL ARM MOUNTING ----------14 GA. (1.9)
20" (508) LONG

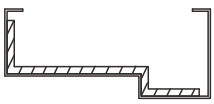


E10 ----------REGULAR MOUNTING ----------14 GA. (1.9)
10" (254) LONG

E12 ----------TOP JAMB MOUNTING ----------14 GA. (1.9)
16" (406.4) LONG



E17A ----------FULL SLEEVE----------14 GA. (1.9)
REGULAR, TOP JAMB 16" (406.4) LONG
PARALLEL ARM MOUNTINGS

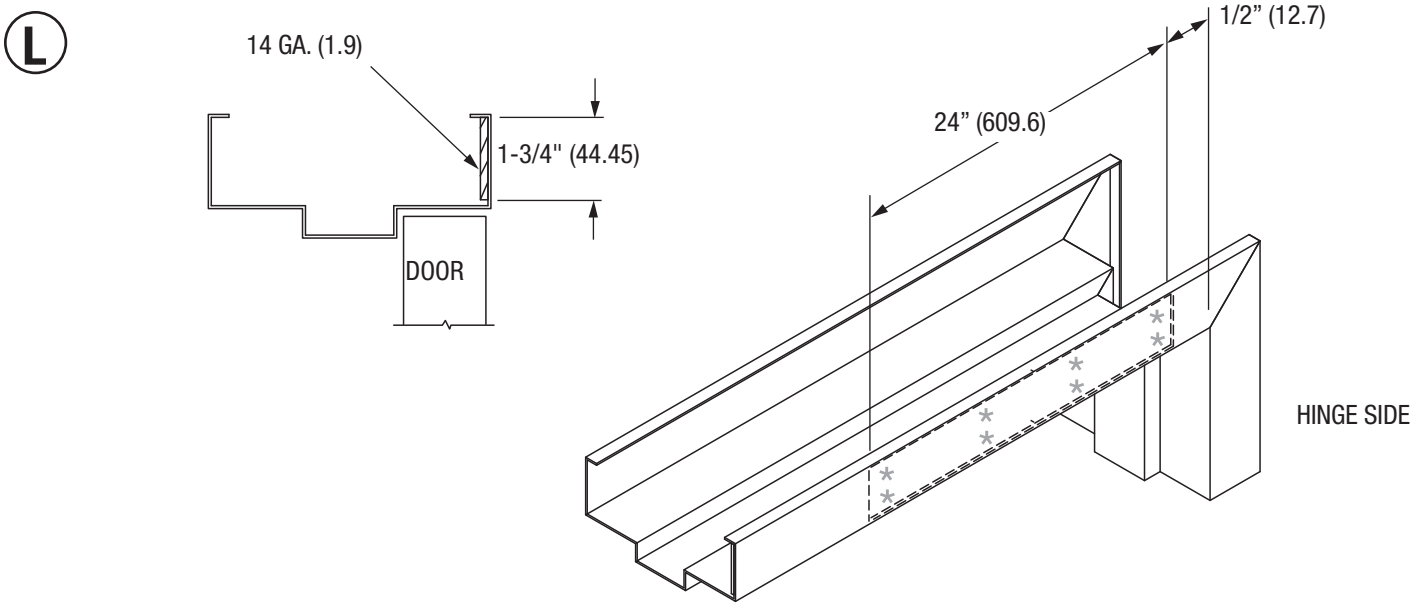


E18 ----------HALF SLEEVE ----------14 GA. (1.9)
REGULAR AND 16" (406.4) LONG
PARALLEL ARM MOUNTINGS

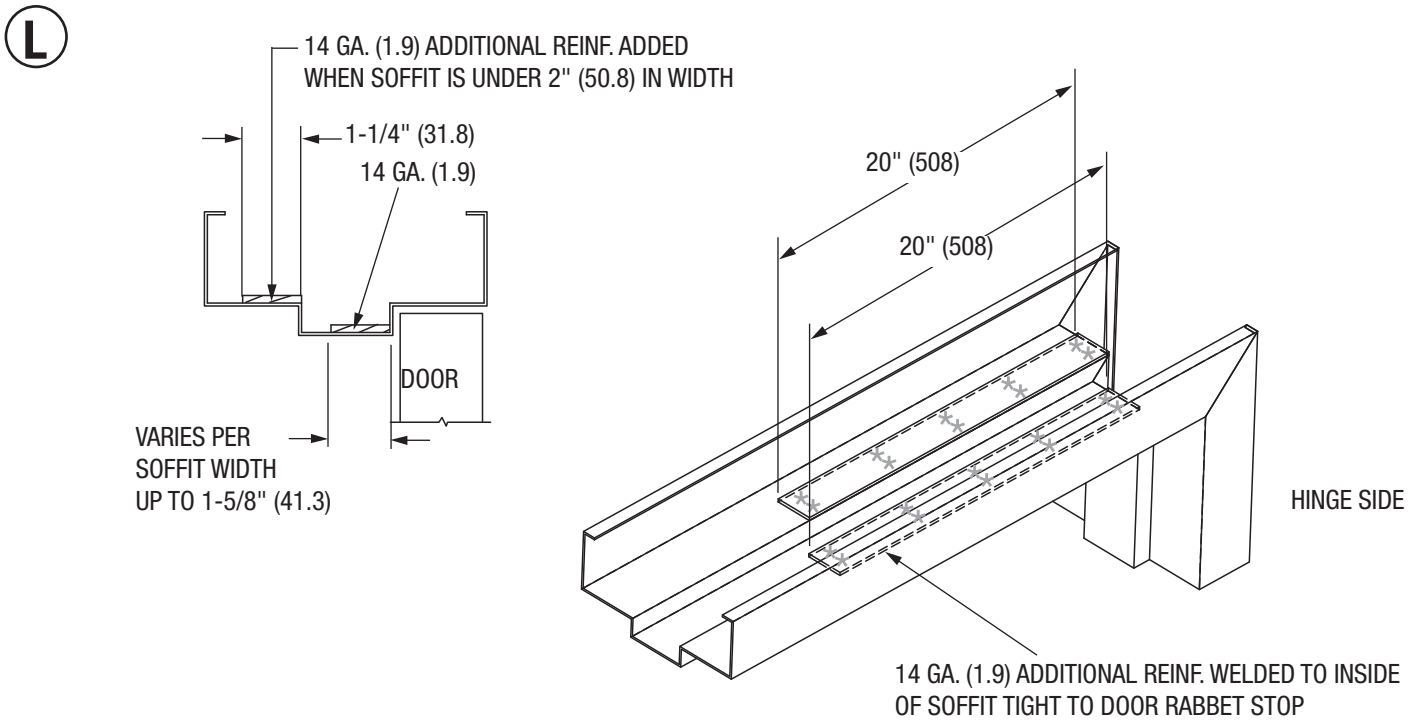
E15 Closer Reinf.

Frame Technical Data

October, 2014



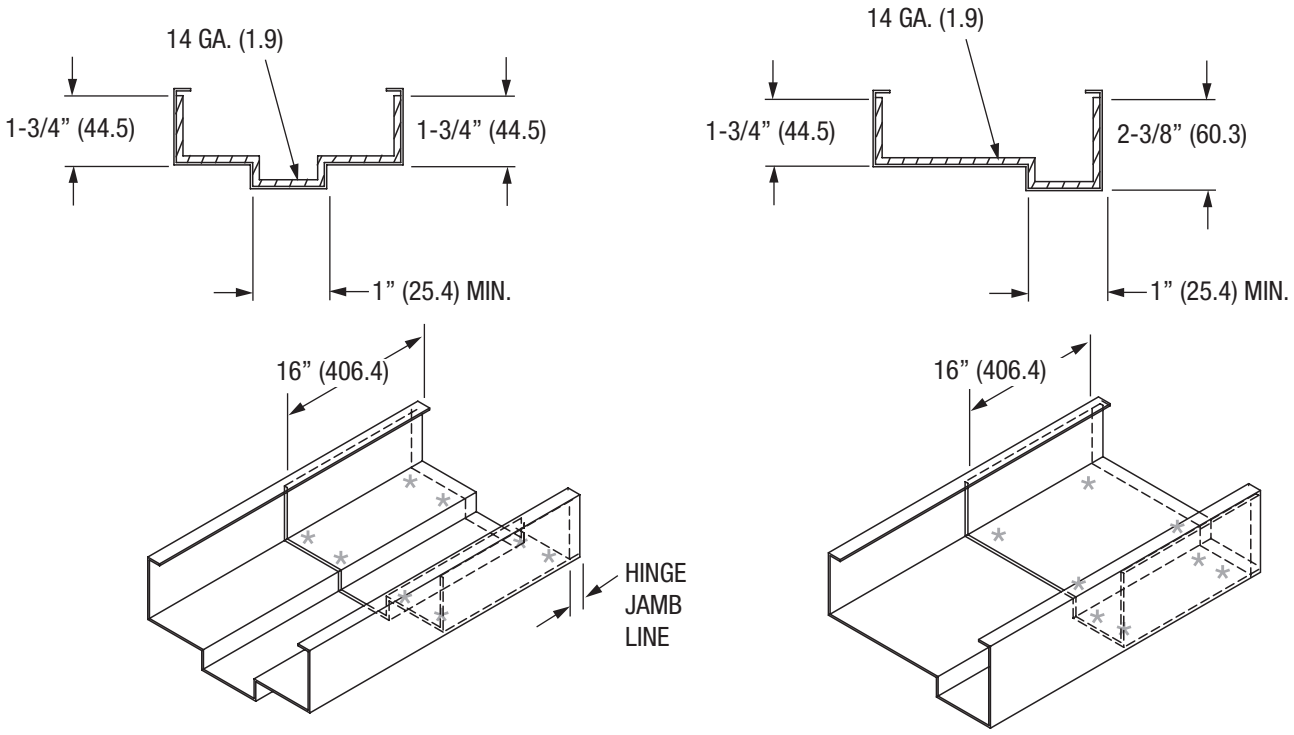
E16 Double Parallel Arm 14 ga. Closer Reinf.



E17 14 ga. Full Sleeve Closer Reinforcement

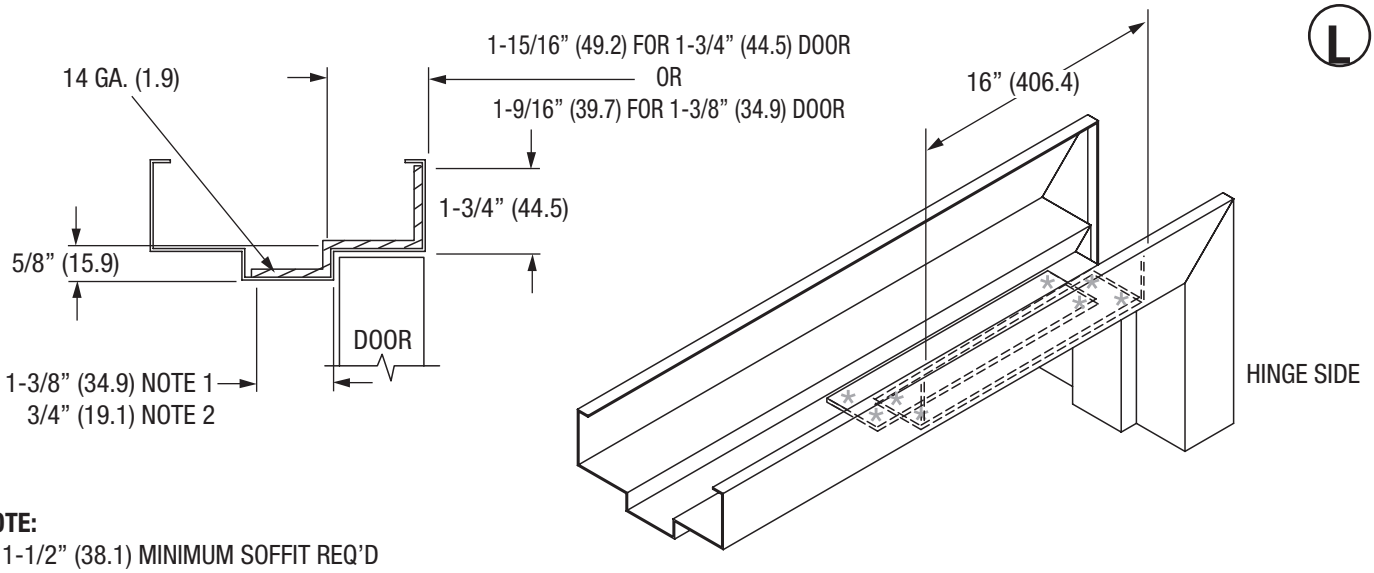
Frame Technical Data

April, 2015



NOTE: SPECIAL PROFILE REINFORCEMENT REQUIRED WHEN CLOSER IS MOUNTED TO FRAME FACE GREATER THAN 2"

E18 14 ga. Formed Half Sleeve Closer Reinf.



NOTE:
1) 1-1/2" (38.1) MINIMUM SOFFIT REQ'D
2) 1" (25.4) MINIMUM SOFFIT REQ'D

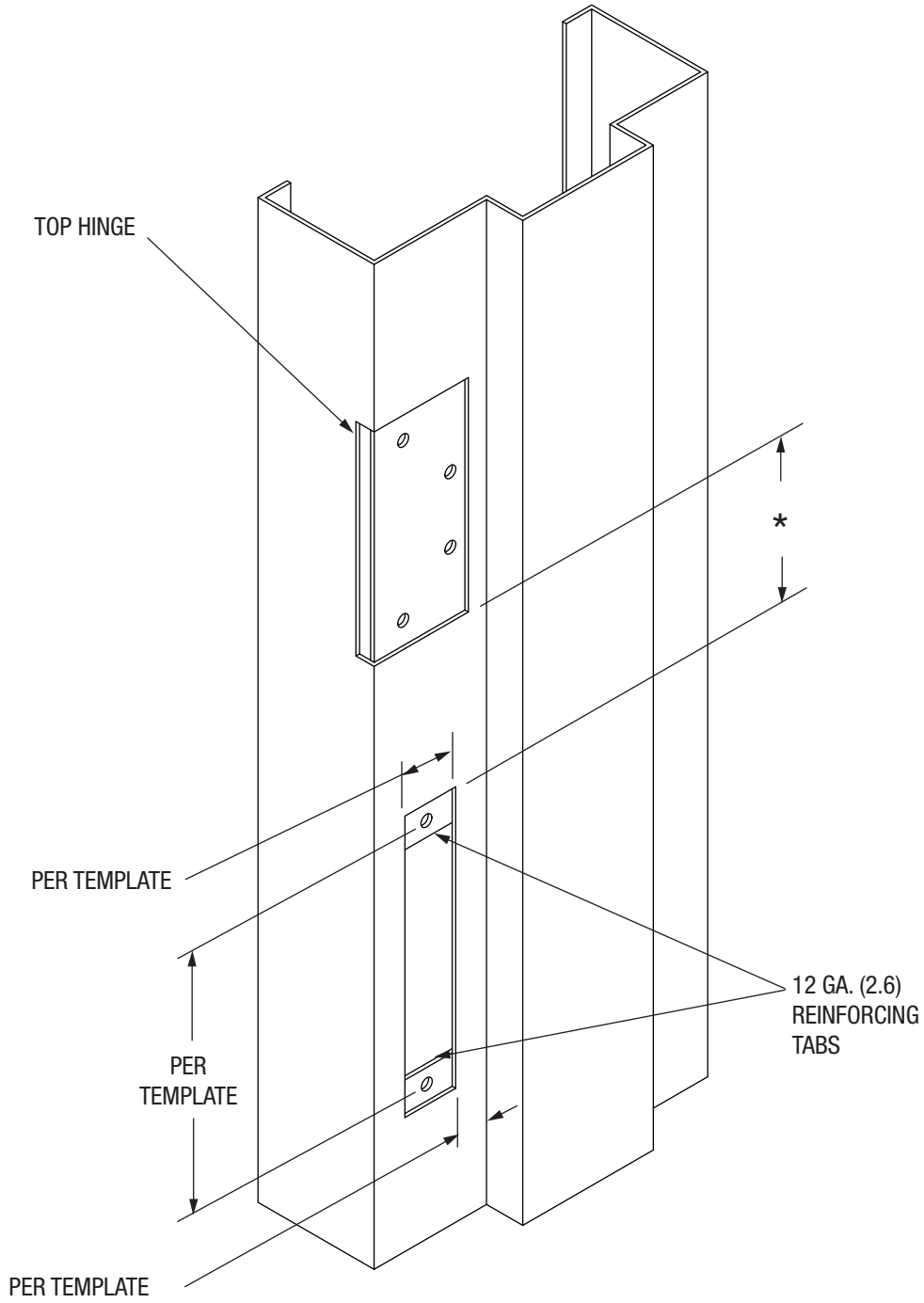
NOTE: SPECIAL PROFILE REINFORCEMENT REQUIRED WHEN CLOSER IS MOUNTED TO FRAME FACE GREATER THAN 2"

EPT - Electronic Power Transfer

Frame Technical Data

May, 2011

L



* LOCATION PER TEMPLATE. IF NO LOCATION ON TEMPLATE, THEN LOCATION MUST BE SPECIFIED WITH ORDER. THE QUANTITY OF HINGES MAY REQUIRE COORDINATION OF LOCATION WITH DOOR, (EX. 4 HINGES ON A 7'0"). WOOD DOORS MAY REQUIRE OTHER LOCATIONS

G21 - G22 Removable Hardware Mullion

Frame Technical Data

April, 2002

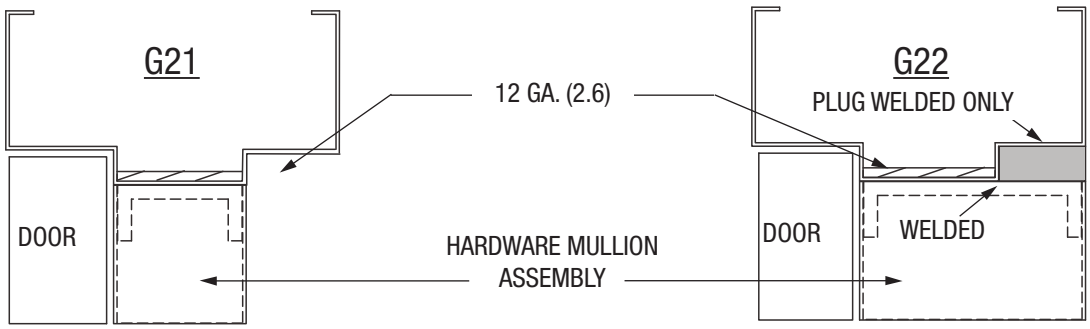
L

MULLION TOP BRACKET MOUNTING SCREWS TO BE DRILLED AND TAPPED IN FIELD BY HARDWARE INSTALLER.

5/8" (15.9) C.R.S. FILLER BLOCK IS FURNISHED WHEN SOFFIT WIDTH IS TOO NARROW TO APPLY HARDWARE TO SOFFIT

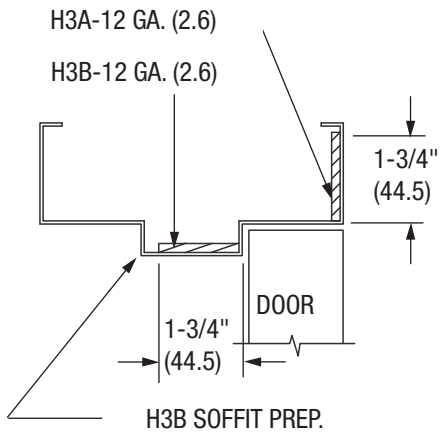
G21 PLATE REINFORCEMENT
USED WHEN SOFFIT IS 3" (76.2) WIDE OR GREATER.

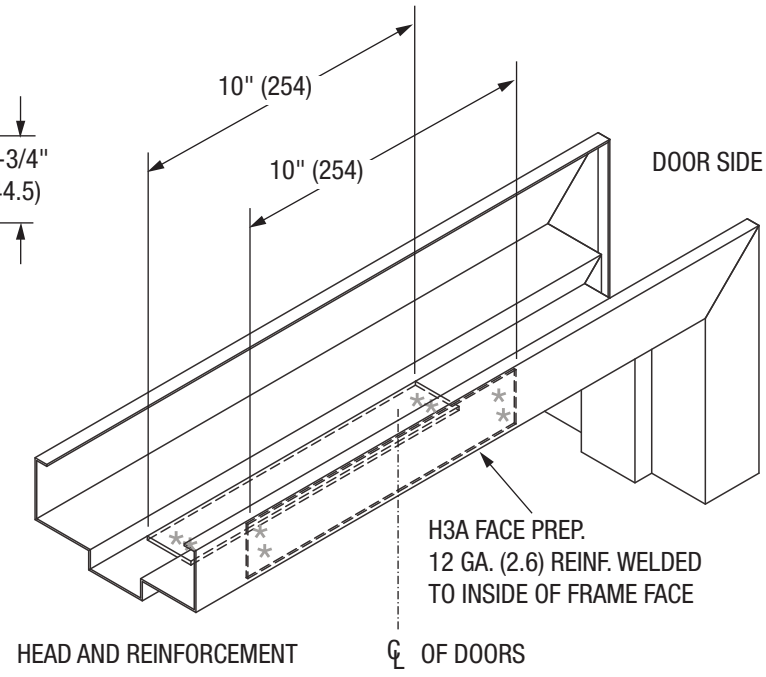
G22 PLATE REINFORCEMENT
USED WHEN SOFFIT IS LESS THAN 3" (76.2).



H3A - H3B Surface Bolt Preparation

L





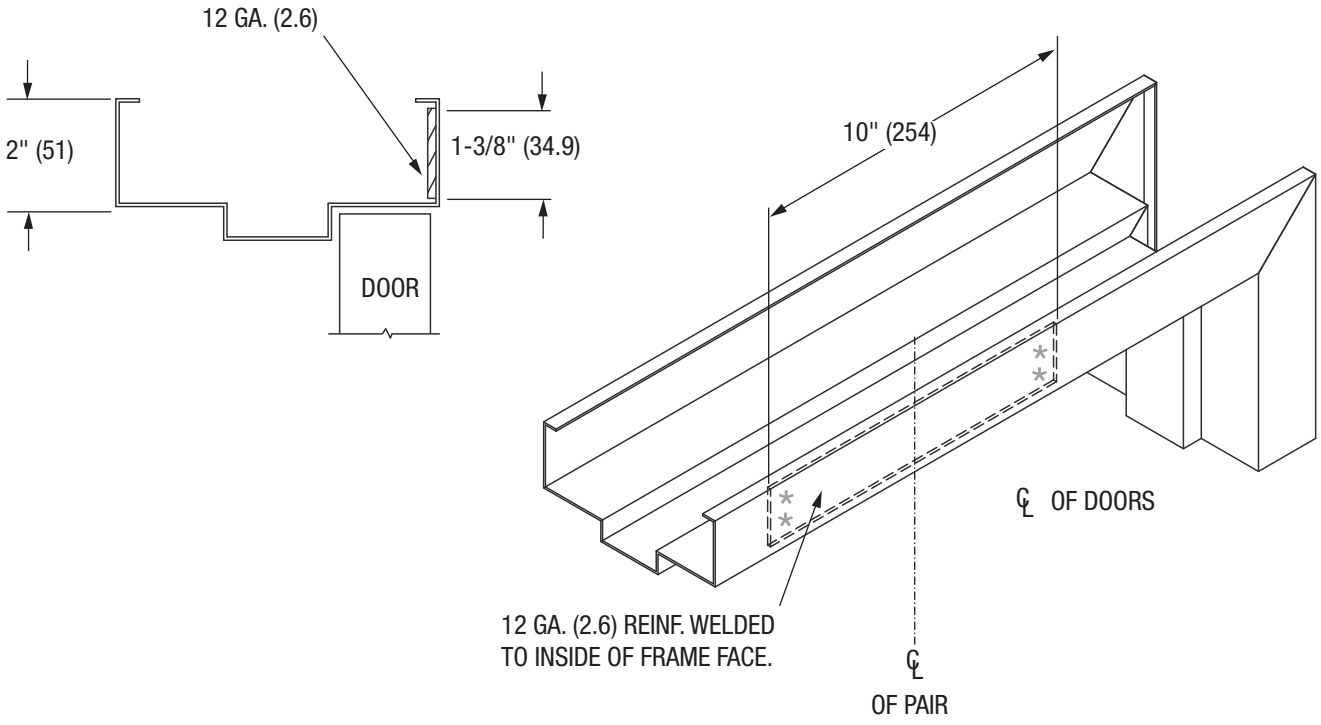
NOTE: WHEN ORDERING SPECIFY EITHER H3A OR H3B REINFORCING

G24 Coordinator Reinforcement

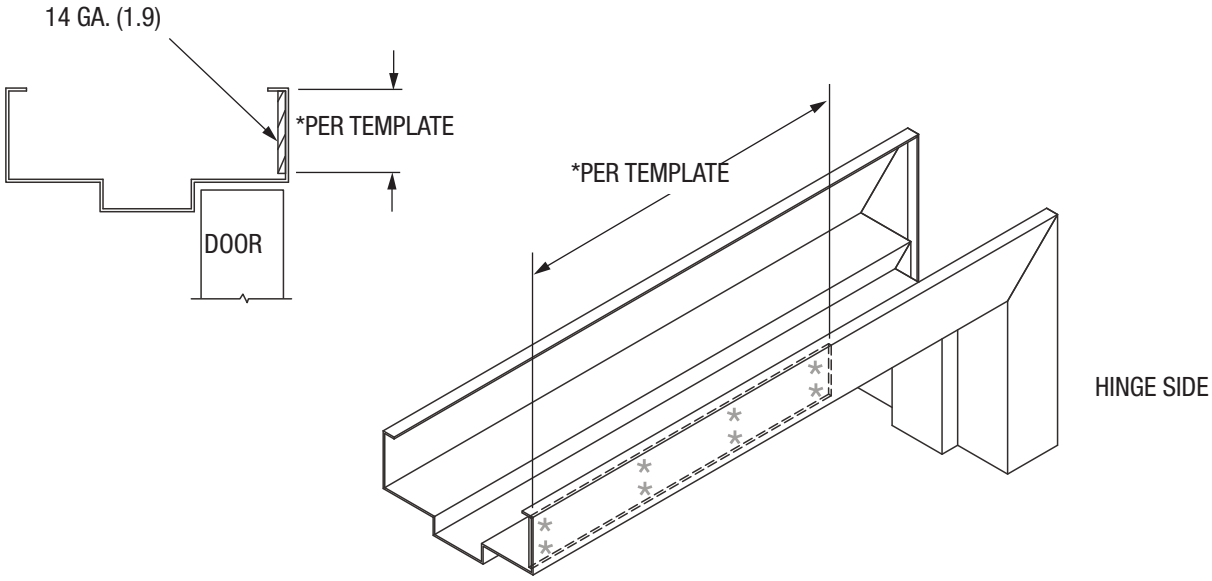
Frame Technical Data

October, 2014

L

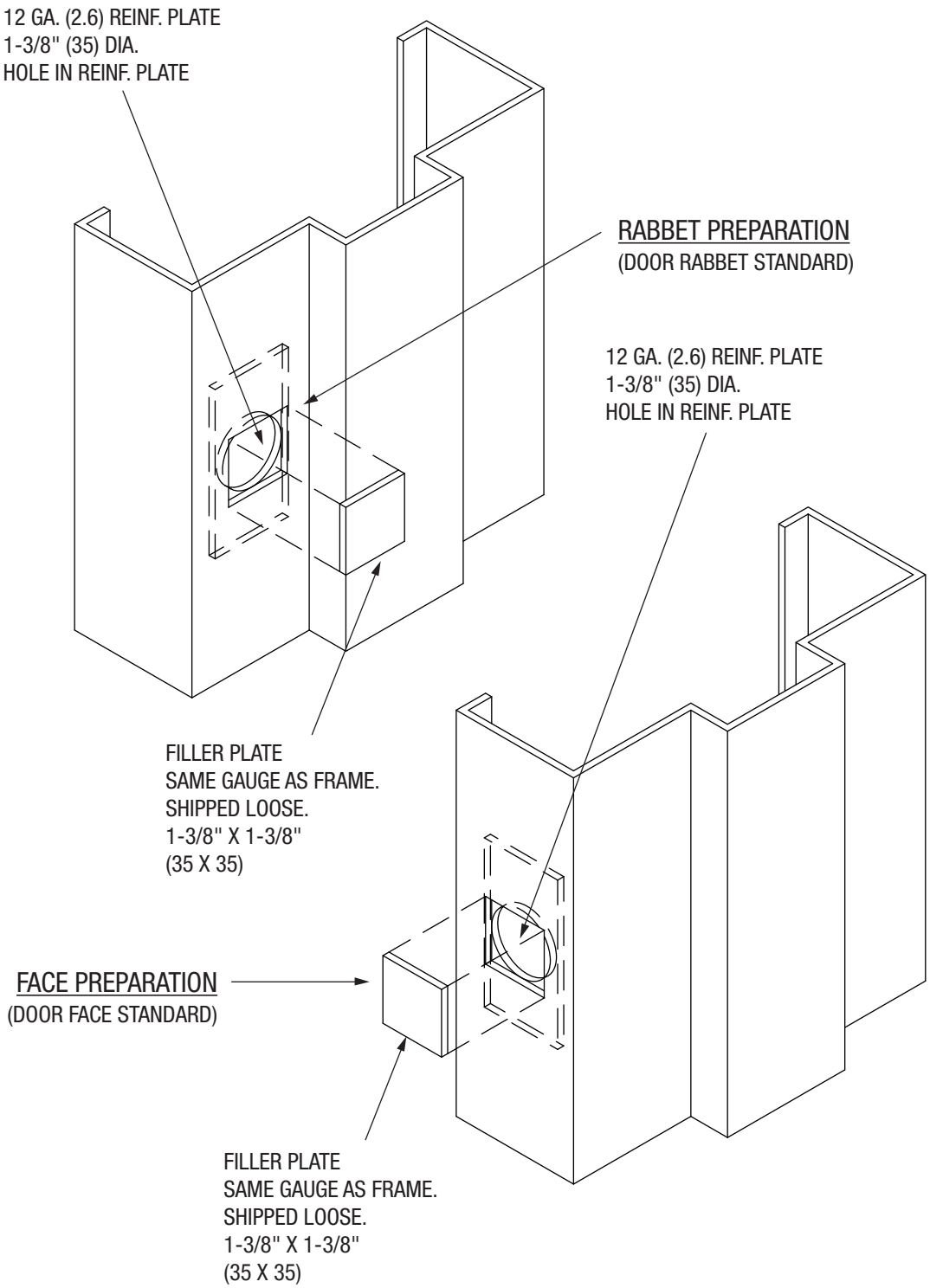


CL - Closer Reinforcement Per Template



* SPECIFY MANUFACTURER AND MODEL NUMBER WHEN ORDERING
ADVISE POWER SOURCE LOCATION IF REQUIRED

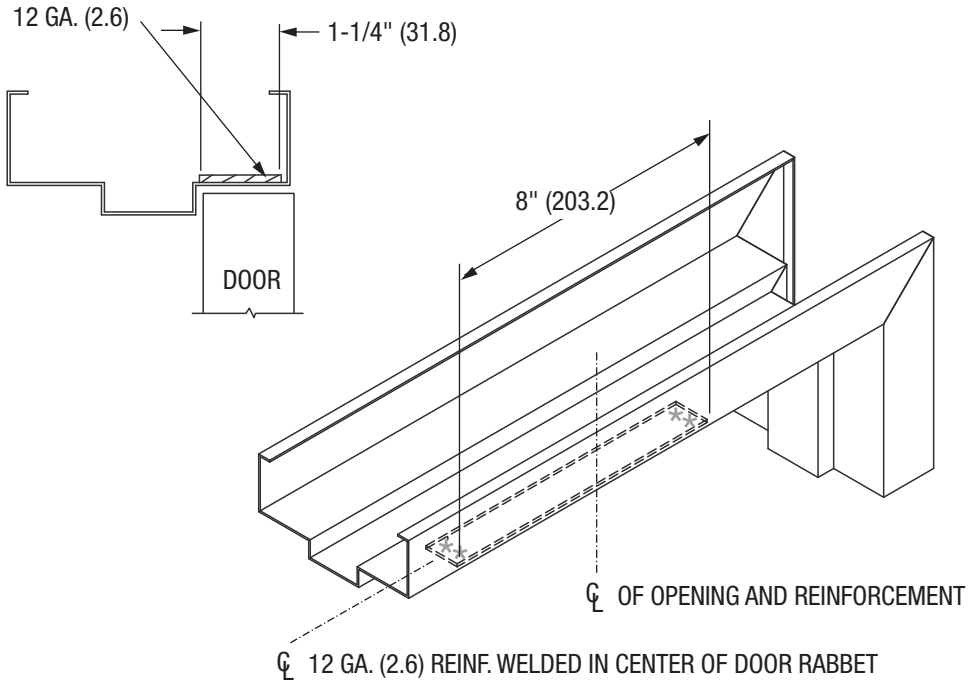
L


12 GA. (2.6) REINF. PLATE
1-3/8" (35) DIA.
HOLE IN REINF. PLATE
RABBET PREPARATION
(DOOR RABBET STANDARD)
12 GA. (2.6) REINF. PLATE
1-3/8" (35) DIA.
HOLE IN REINF. PLATE
FILLER PLATE
SAME GAUGE AS FRAME.
SHIPPED LOOSE.
1-3/8" X 1-3/8"
(35 X 35)
FACE PREPARATION
(DOOR FACE STANDARD)
FILLER PLATE
SAME GAUGE AS FRAME.
SHIPPED LOOSE.
1-3/8" X 1-3/8"
(35 X 35)

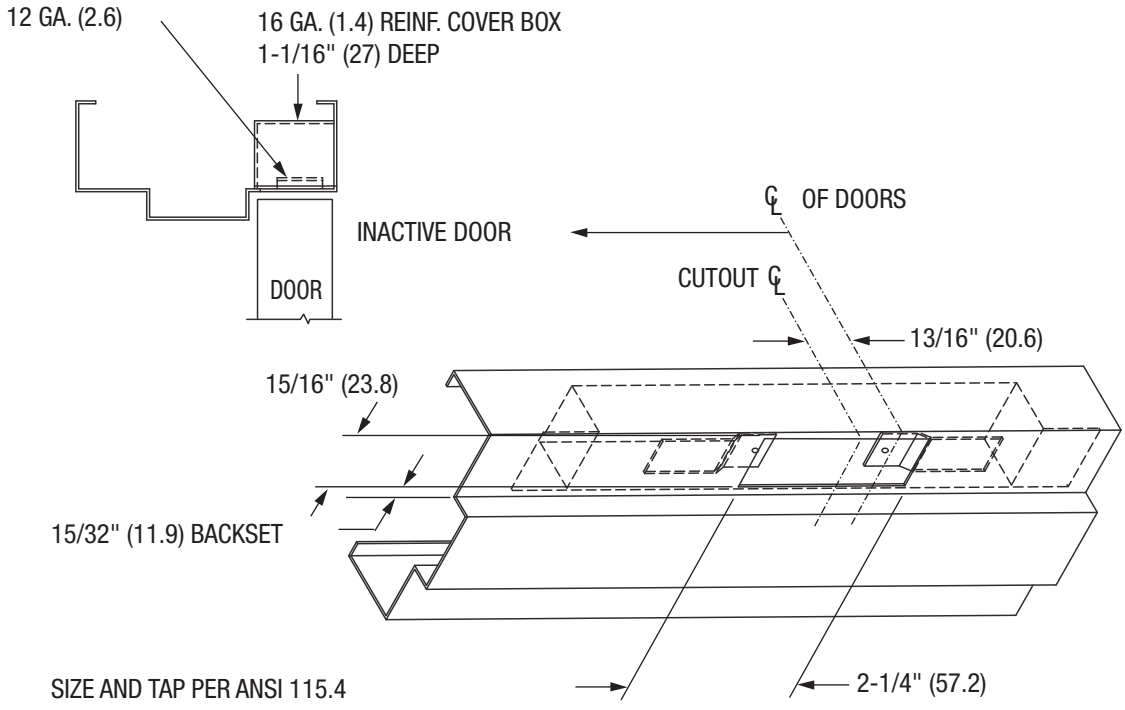
H1 Flush Bolt Reinforcement

Frame Technical Data

April, 2002



H2 Flush Bolt Prep. and Reinf. (ANSI)



H4 Auto Flush Bolt

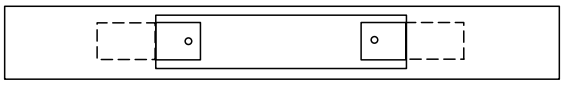
Frame Technical Data

April, 2002

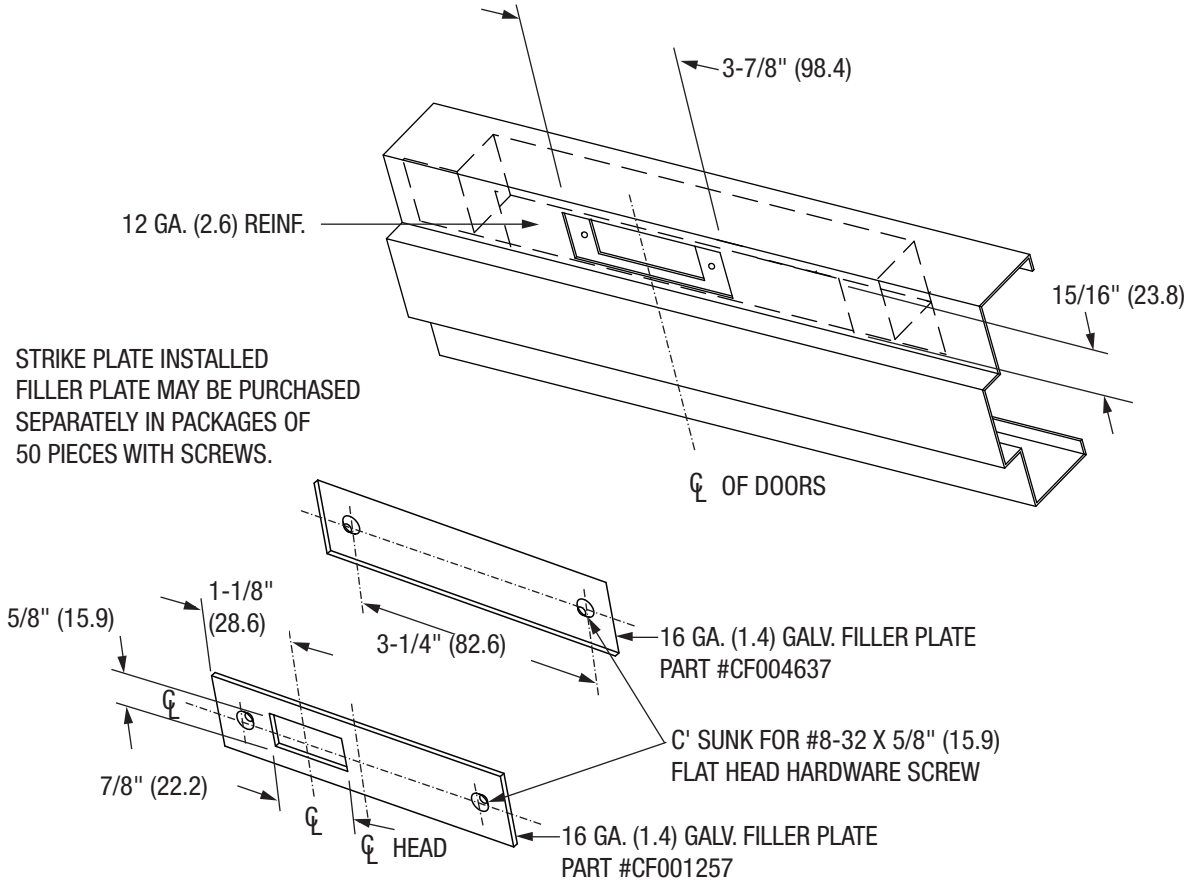
PREPARATION FOR AUTOMATIC FLUSH BOLT IS PER HARDWARE MANUFACTURER'S TEMPLATE.

PLEASE SPECIFY MANUFACTURER AND MODEL NUMBER WHEN ORDERING.

LABELED IF HARDWARE IS APPROVED AND PREPPED TO TEMPLATE.



H5 Non-handed Flush Bolt

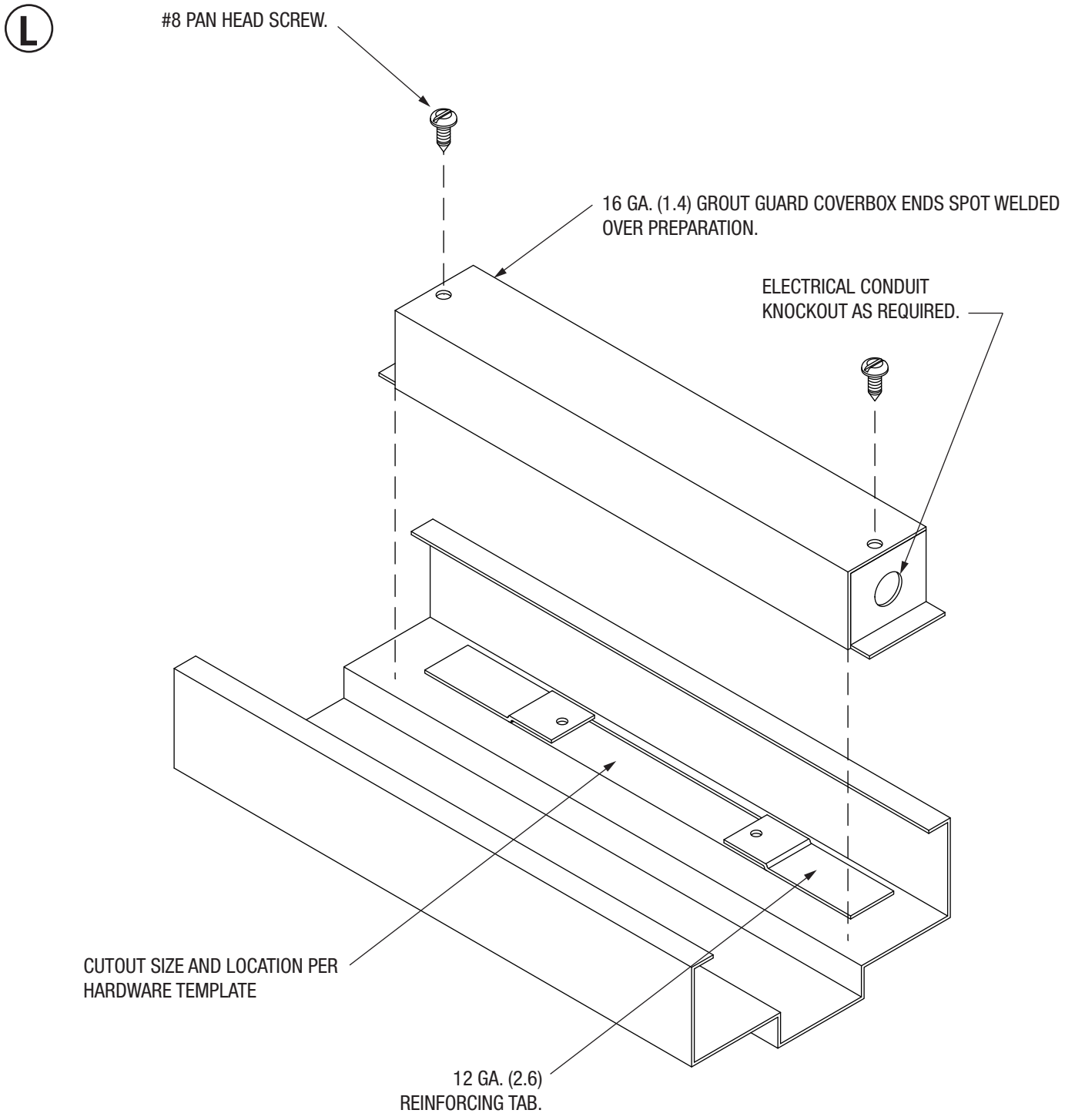


NOTE: STRIKE PLATE INSTALLED FILLER PLATE MAY BE PURCHASED SEPARATELY IN PACKAGES OF 50 PIECES WITH SCREWS.

Electric Magnetic Door Position Switch

Frame Technical Data

April, 2002



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

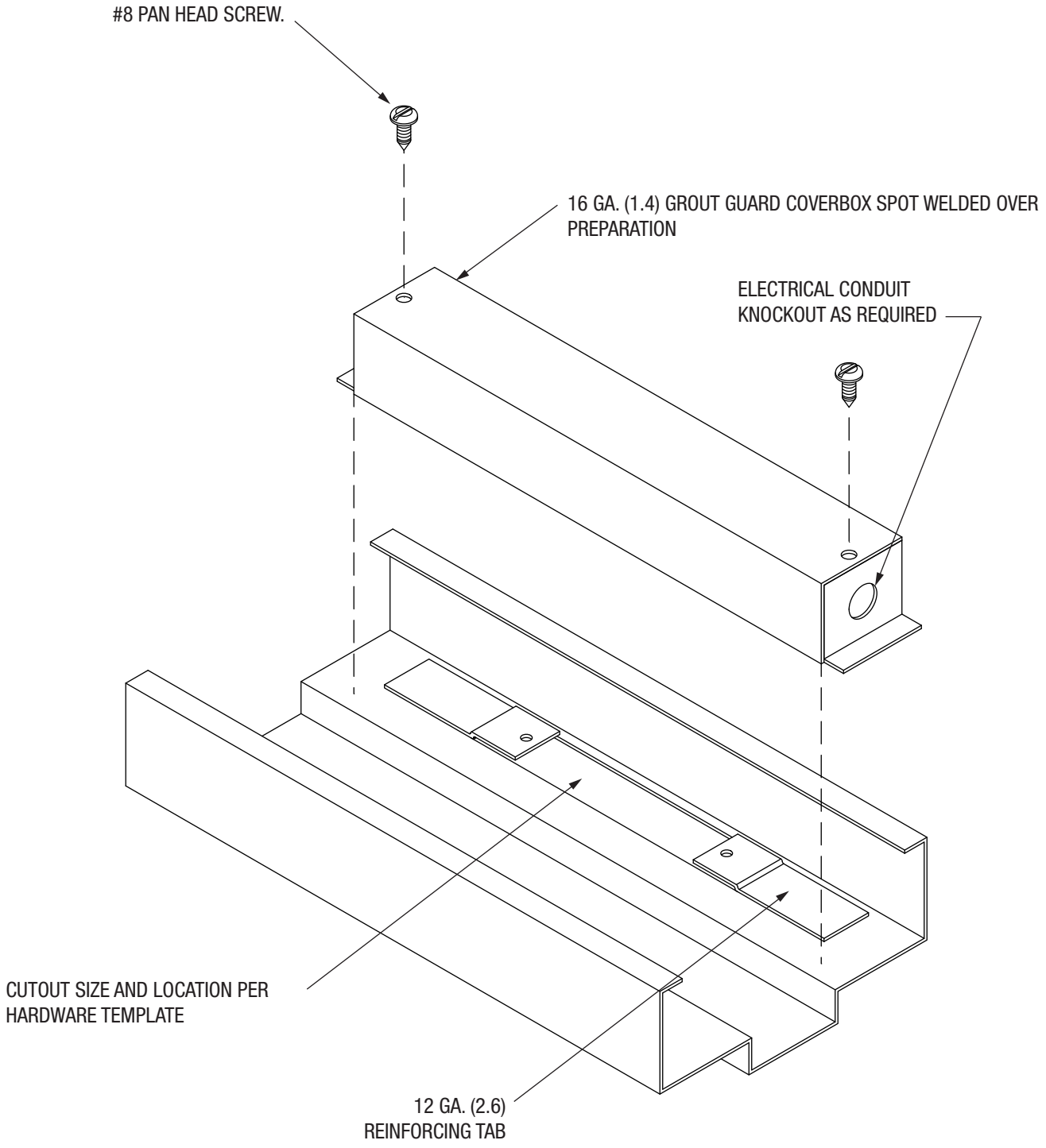
CURRIES
ASSA ABLOY

Electric Fully-Concealed Door Position Switch

Frame Technical Data

April, 2002

L

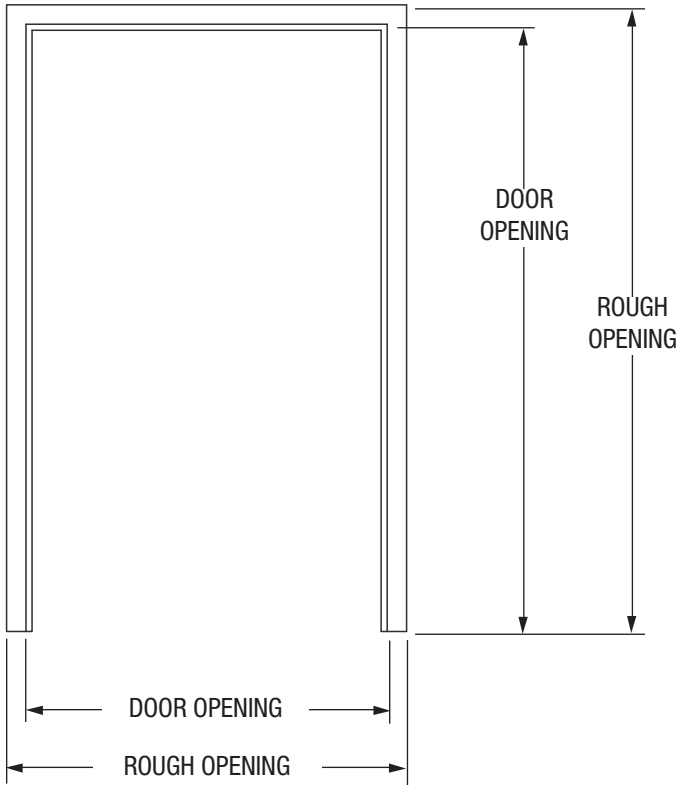


NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

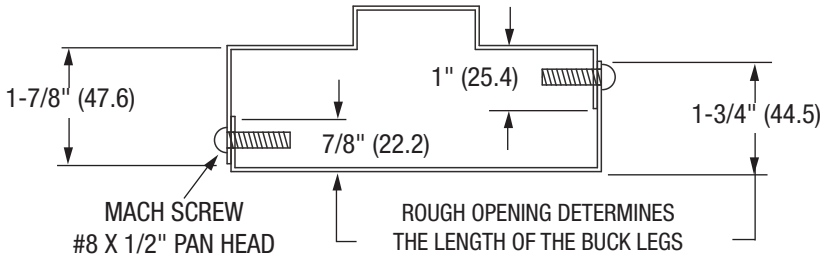
Cabinet Jamb Frame

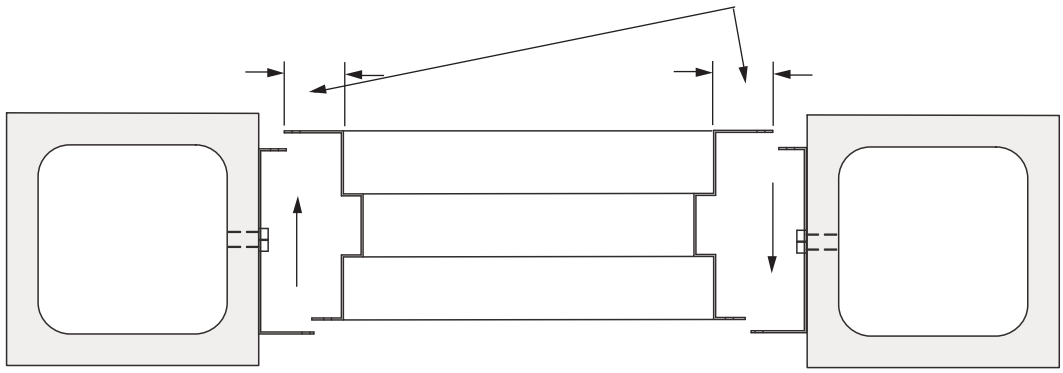
Frame Technical Data

April, 2002

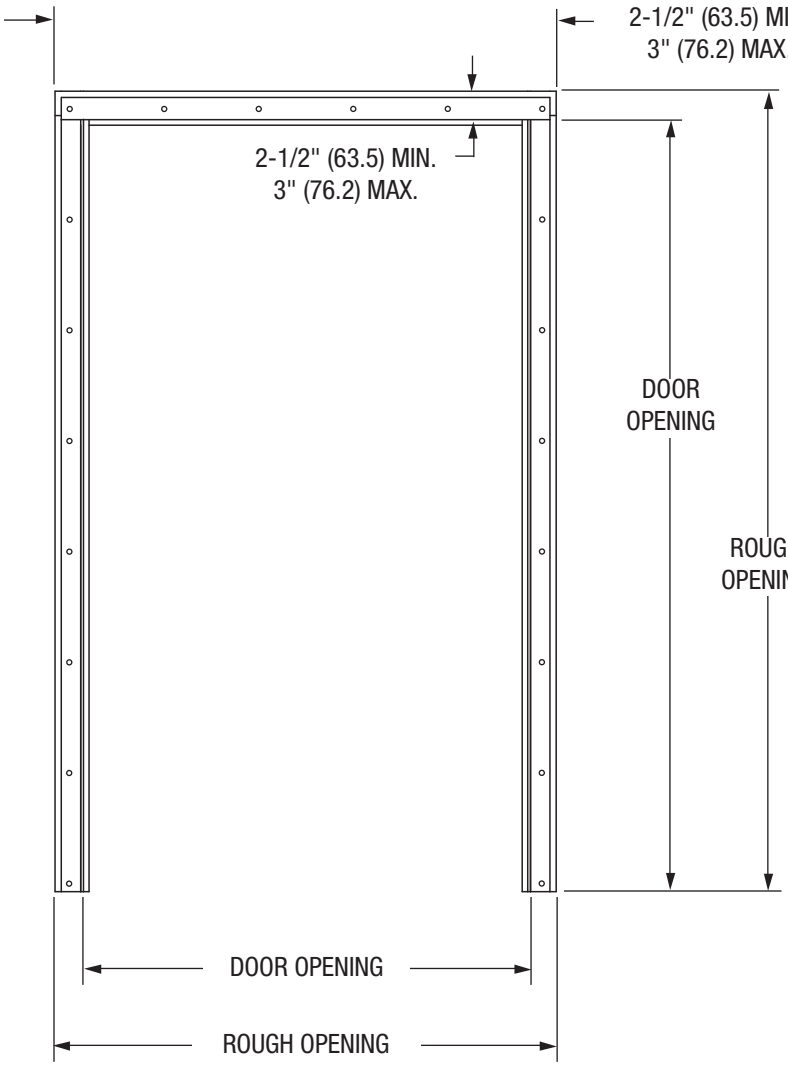


NOT U.L. LISTED
S.M.W. JAMB SECTION
BUCKS SHIP LOOSE SQUARE BUTT END
FIELD ASSEMBLED WITH SCREWS
OR WELDED

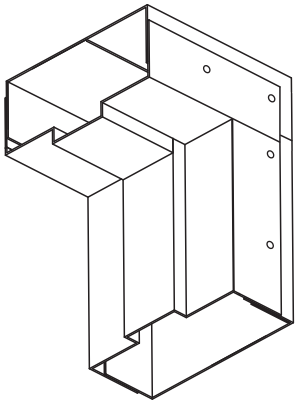


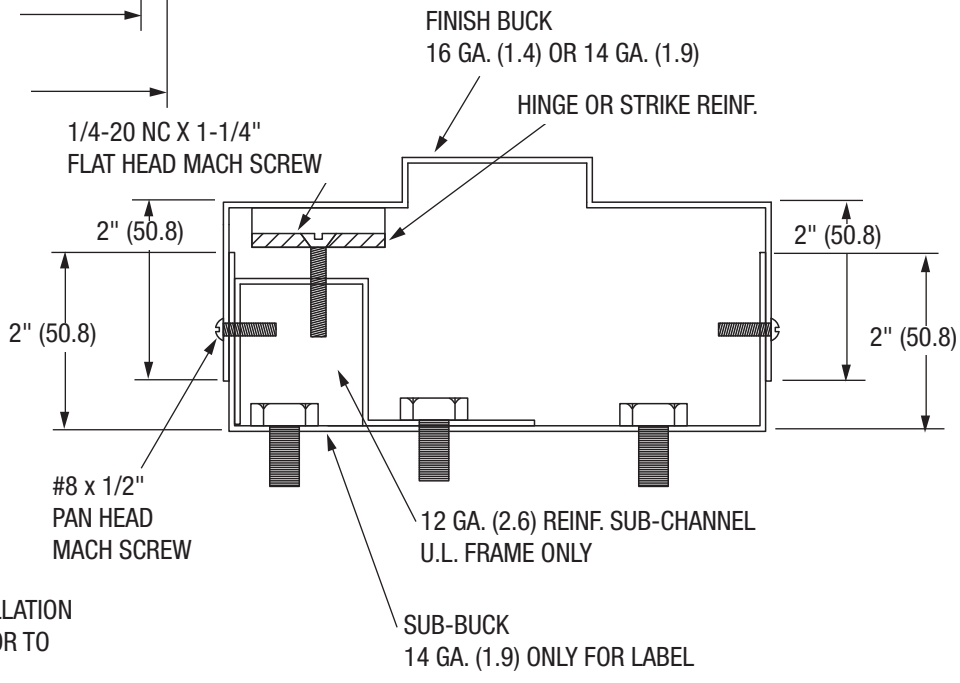


February, 2011



U.L. LISTED ROUGH BUCK FRAMES
BUCKS SHIPPED LOOSE SQUARE BUTT END.
FULLY PREPARED FOR INSTALLATION
WITH MOUNTING HOLES.





CORNER DETAIL
CORNER IS NOTCHED FOR FIELD INSTALLATION
FINISH BUCK CAN NOT BE WELDED PRIOR TO
INSTALLATION.

NOTE: LABEL FRAMES FURNISHED WITH ATTACHING SCREWS AND BOLTS FOR ASSEMBLY

Curriseal Frame Flush KD - WM - WG

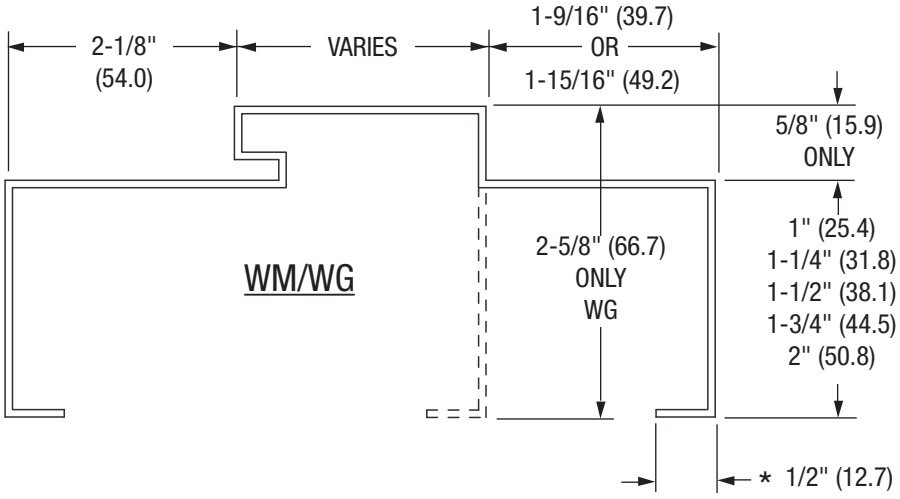
Frame Technical Data

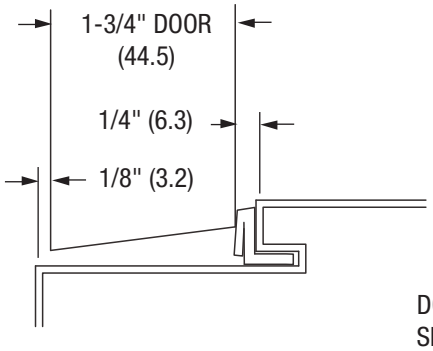
CURRIES
ASSA ABLOY

September, 2003

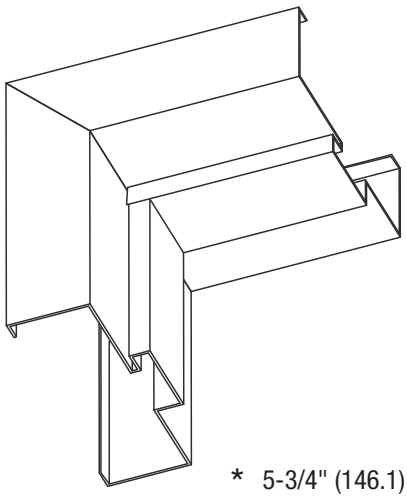
L

CURRISEAL
ACTUAL SIZE
COLOR: DARK BROWN





K.D. "M" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (2.4), 14 GA. (1.9)
JAMB DEPTHS:
DOUBLE RABBET (WM) 5-1/4" (133.4) - 14" (355.6) (1/8" (3.2) INCREMENTS)
SINGLE RABBET (WG) 4-1/8" (104.8) - 14" (355.6) (1/8" (3.2) INCREMENTS)
AVAILABLE WITH 4" (101.6) FACE HEADS
DOUBLE RABBET AVAILABLE IN COMMUNICATING FRAMES
WITH A 6-1/2" (165.1) MIN. JAMB DEPTH



KD CORNER

HARDWARE RESTRICTIONS

NOT RECOMMENDED
- CLOSERS WITH REMOVABLE STOPS
- VERTICAL ROD DEVICES WITH STRIKES MORTISED IN THE STOP
- STOP ACTIVATED VERTICAL ROD DEVICES

NOTE: SOFFIT MOUNTED SURFACE HARDWARE MAY REQUIRE ± 1/8" (3.2) ADJUSTMENT OF MOUNTING HOLES TO ACCOMODATE WEATHERSTRIP AND ENSURE NORMAL DOOR OPERATION.

* 5-3/4" (146.1) JAMB DEPTH AVAILABLE WITH 7/16" (11.1) RETURNS TO PROVIDE A 4-7/8" (123.8) THROAT OPENING

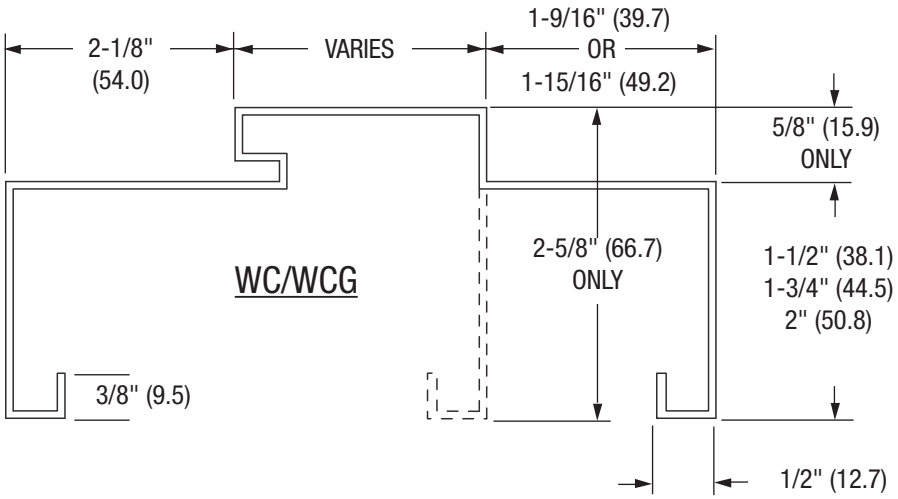
CURRISEAL FRAME IS DESIGNED FOR USE WITH THE CURRISEAL ONLY

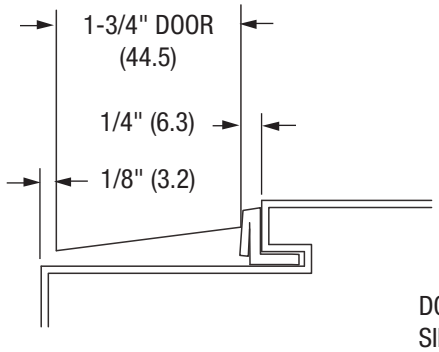
Curriseal Frame KD Drywall - WC - WCG

Frame Technical Data

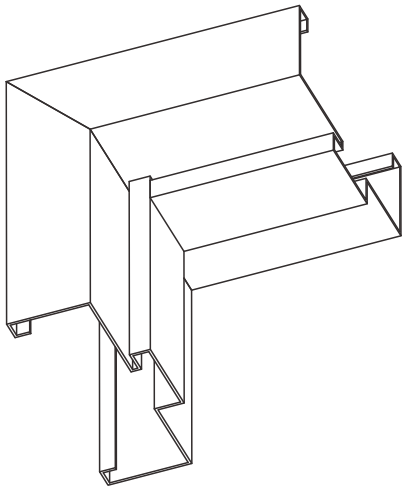
September, 2003

CURRISEAL
ACTUAL SIZE
COLOR: DARK BROWN





K.D. "C" TYPE DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (2.4), 14 GA. (1.9)
JAMB DEPTHS:
DOUBLE RABBET (WC) 5-1/4" (133.4) - 14" (355.6) (1/8" (3.2) INCREMENTS)
SINGLE RABBET (WCG) 4-1/8" (104.8) - 14" (355.6) (1/8" (3.2) INCREMENTS)
DOUBLE RABBET AVAILABLE IN COMMUNICATING FRAMES
WITH A 6-1/2" (165.1) MIN. JAMB DEPTH



KD CORNER

HARDWARE RESTRICTIONS

NOT RECOMMENDED
- CLOSERS WITH REMOVABLE STOPS
- VERTICAL ROD DEVICES WITH STRIKES MORTISED IN THE STOP
- STOP ACTIVATED VERTICAL ROD DEVICES

NOTE: SOFFIT MOUNTED SURFACE HARDWARE MAY REQUIRE ± 1/8" (3.2) ADJUSTMENT OF MOUNTING HOLES TO ACCOMODATE WEATHERSTRIP AND ENSURE NORMAL DOOR OPERATION.

CURRISEAL FRAME IS DESIGNED FOR USE WITH THE CURRISEAL ONLY

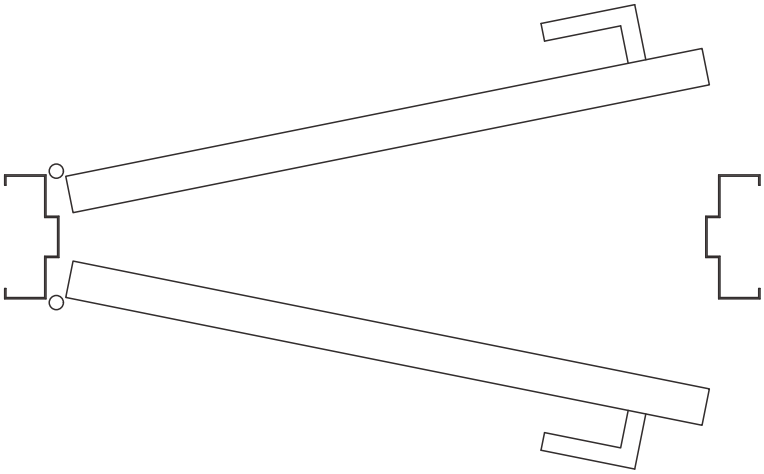
January, 2007

Communicating Frame

Frame Technical Data

April, 2002

L



NOTE:
U.L. AND W.H.I. LABELED FRAMES MAY BE PROVIDED
WITH COMPRESSION TYPE ANCHORING SYSTEM.

"M" PROFILE FLUSH K.D.

EQUAL RABBET
1-15/16" (49.2) FOR 1-3/4" (44.5) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

UNEQUAL RABBET
1-15/16" (49.2) X 1-9/16" (39.7) FOR
1-3/4" (44.5) X 1-3/8" (34.9) DOORS
4-1/2" (114.3) THRU 14" (355.6) JAMB DEPTH

EQUAL RABBET
1-9/16" (39.7) FOR 1-3/8" (34.9) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

"C" & "CM" PROFILE DRYWALL

EQUAL RABBET
1-15/16" (49.2) FOR 1-3/4" (44.5) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

UNEQUAL RABBET
1-15/16" (49.2) X 1-9/16" (39.7) FOR
1-3/4" (44.5) X 1-3/8" (34.9) DOORS
4-1/2" (114.3) THRU 14" (355.6) JAMB DEPTH

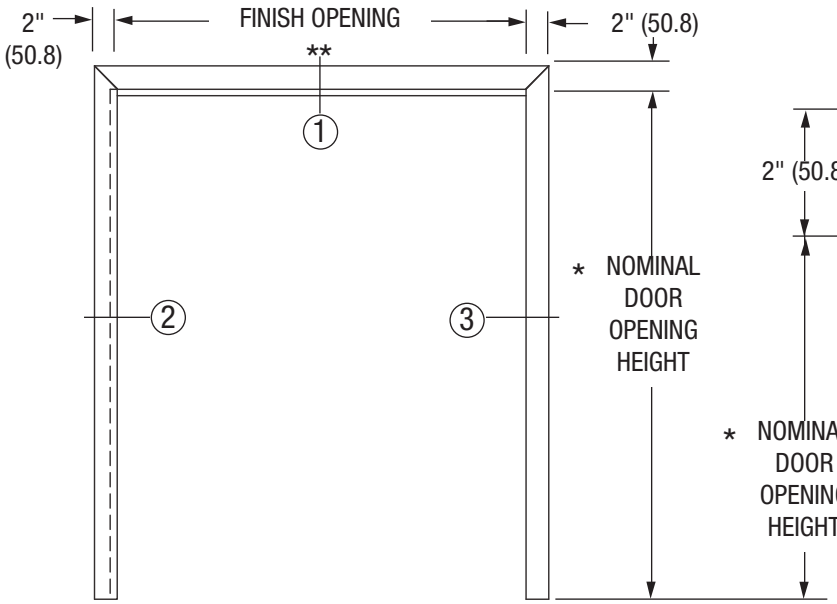
EQUAL RABBET
1-9/16" (39.7) FOR 1-3/8" (34.9) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

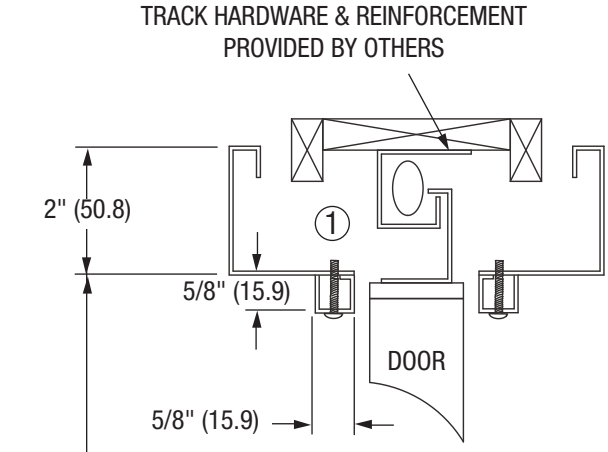
CURRIES
ASSA ABLOY

Pocket Door Frame - Standard 1-3/8" or 1-3/4" Door Single

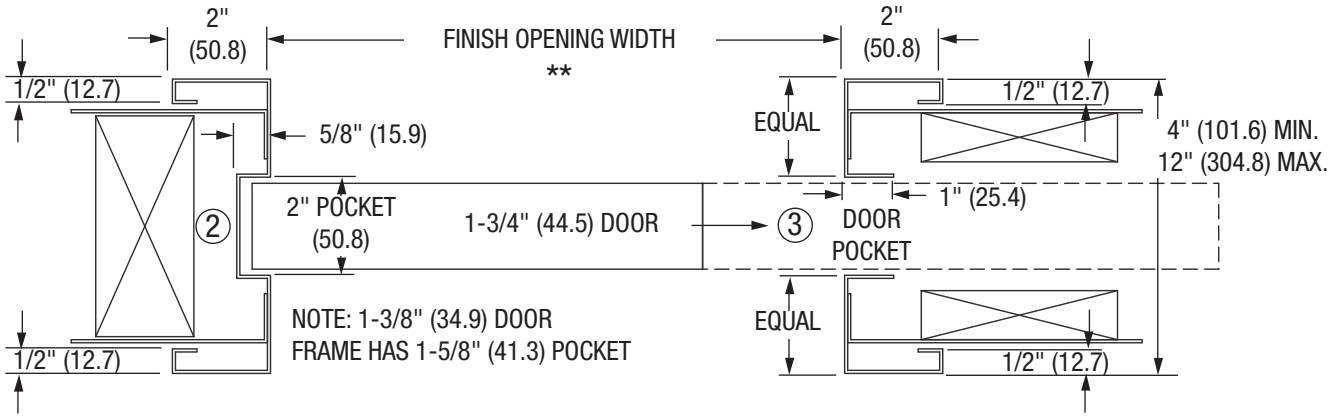
Frame Technical Data

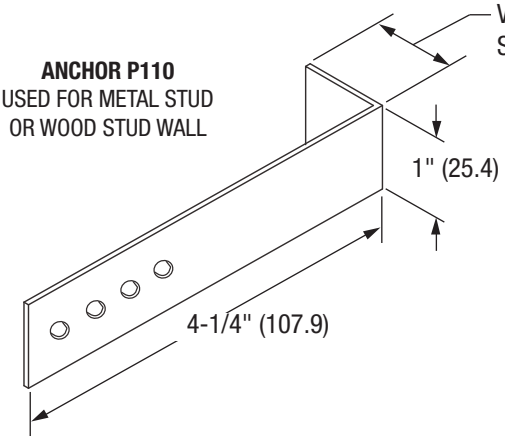
March, 2011





VERIFY HARDWARE ADAPTABILITY
FRAME MUST BE INSTALLED AND HARDWARE TRACK MUST BE HUNG PRIOR TO FINISH WALL STUDS BEING SET.
AVAILABLE IN 18 GA. (1.2) AND 16 GA. (1.4) STEEL.





ANCHOR P110
USED FOR METAL STUD OR WOOD STUD WALL

** FRAME FINISHED OPENING WIDTH SHOULD BE ORDERED 1" LESS THAN DESIRED NET DOOR SIZE.
EXAMPLE: A 3'0" (914.4) POCKET FRAME WILL HAVE FINISH OPENING WIDTH OF 2'11" (889).
THIS ALLOWS THE USE OF STANDARD DOOR WIDTHS.

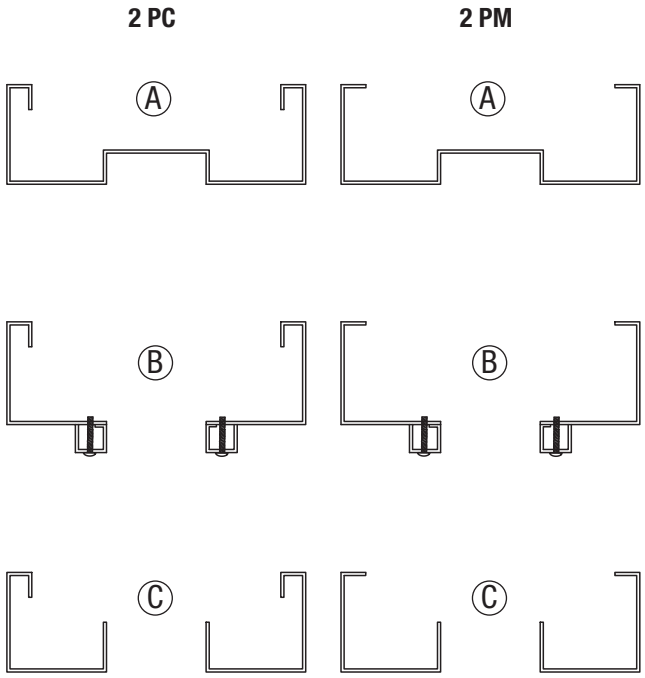
* FINISH OPENING HEIGHT IS NOMINAL DOOR HEIGHT USING CURRIES STANDARD DOOR UNDERCUT.

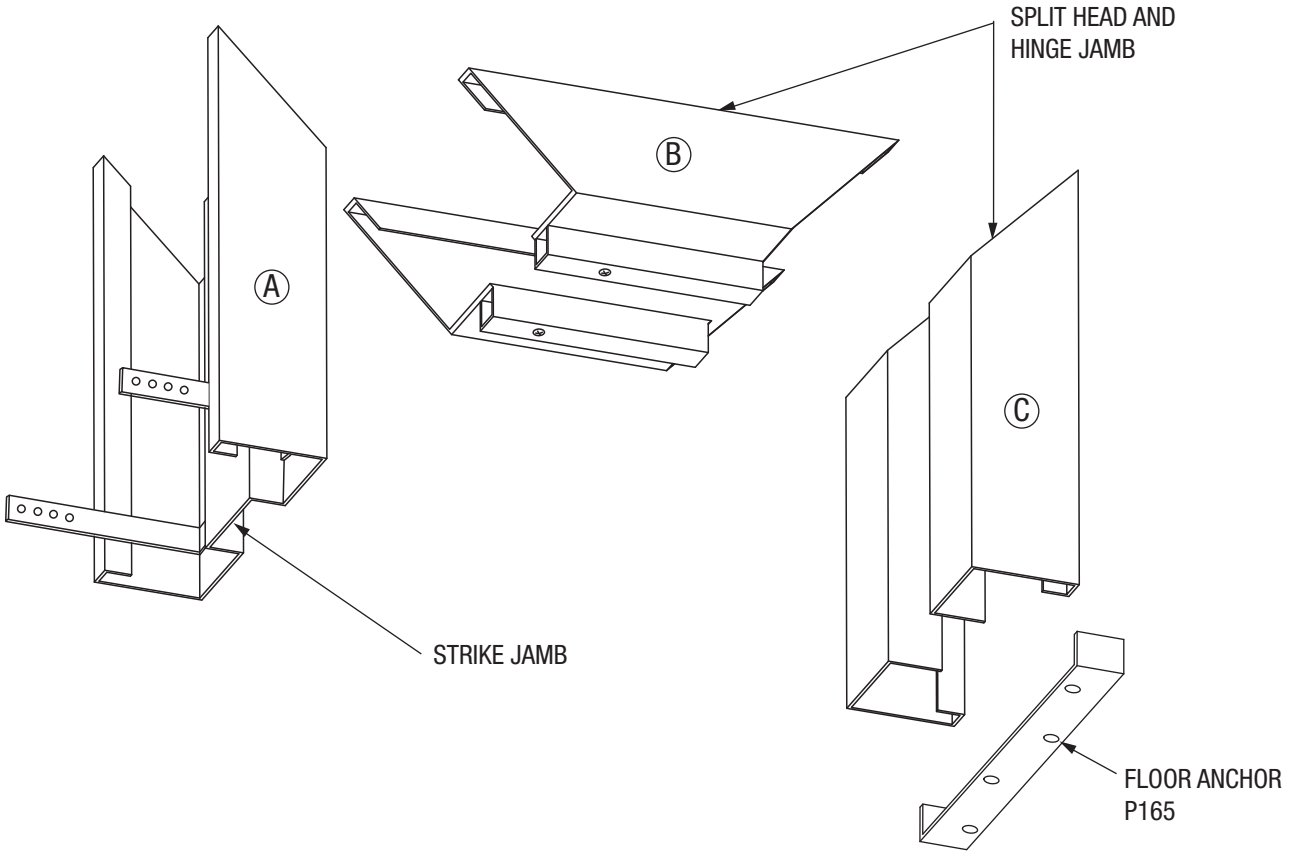
Pocket Door Frame-Saw Mitered-Welded for 1-3/4" or 1-3/8" Doors

Frame Technical Data

March, 2011

1. MITER HEAD AND JAMB AT 45˚
2. CLAMP AND TACK WELD AT BACKBEND AND FACE.
3. CONTINUOUS WELD INSIDE SEAM.
4. GRIND AND FINISH OUTSIDE SURFACES.



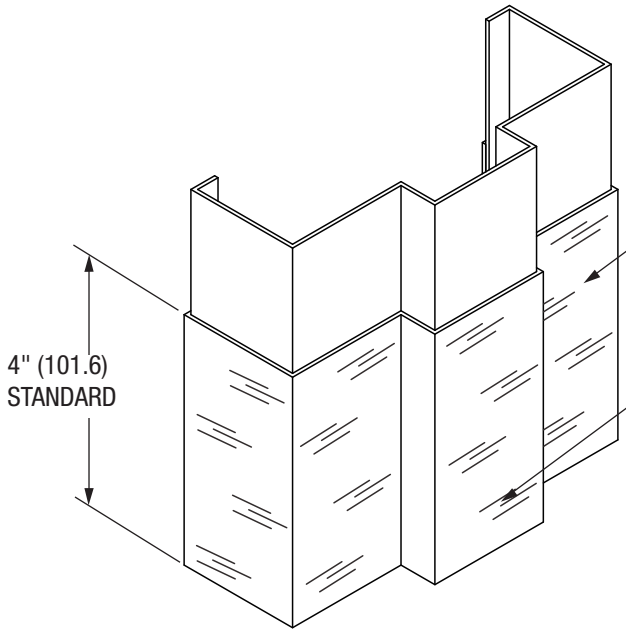


FLOOR ANCHOR WILL BE WELDED TO FACES OF FRAME WHEN FACTORY WELDED.
MUST BE ATTACHED TO FRAME FACES WHEN FRAME IS WELDED BY OTHERS.

Stainless Steel Slip-On Type Spats

Frame Technical Data

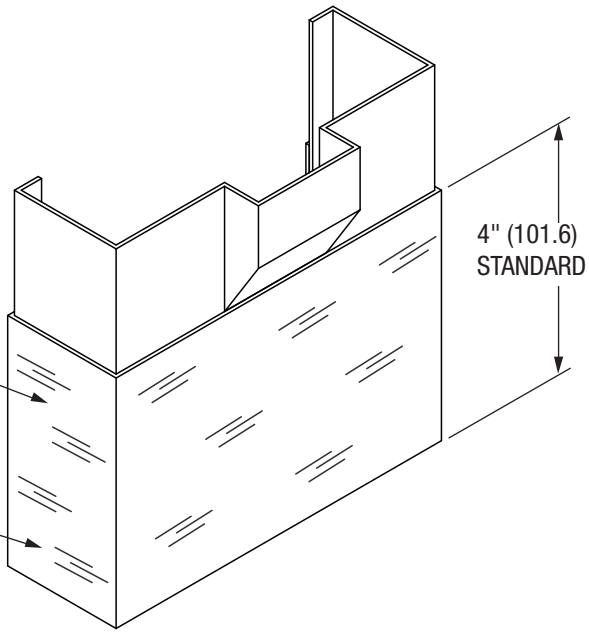
September, 2013



NOTE:
SPATS ARE LABELED UP TO
A HEIGHT OF 8" (203.2)

STAINLESS STEEL SLIP-ON SPAT
STANDARD PROFILE IS MANUFACTURED
TO FIT OVER JAMB PROFILE.
SPECIFY JAMB PROFILE WHEN ORDERING

18 GA. (1.1) #304 STAINLESS STEEL
#4 SATIN GRAIN FINISH



HOSPITAL TYPE SPAT
STANDARD PROFILE IS MANUFACTURED
TO FIT OVER JAMB BELOW STOP.
SPECIFY JAMB PROFILE WHEN ORDERING

18 GA. (1.1) #304 STAINLESS STEEL
#4 SATIN GRAIN FINISH

NOTE:
HOSPITAL TYPE SPATS
ARE LABELED UP TO
A HEIGHT OF 6" (152.4)

Hospital Stop

Frame Technical Data

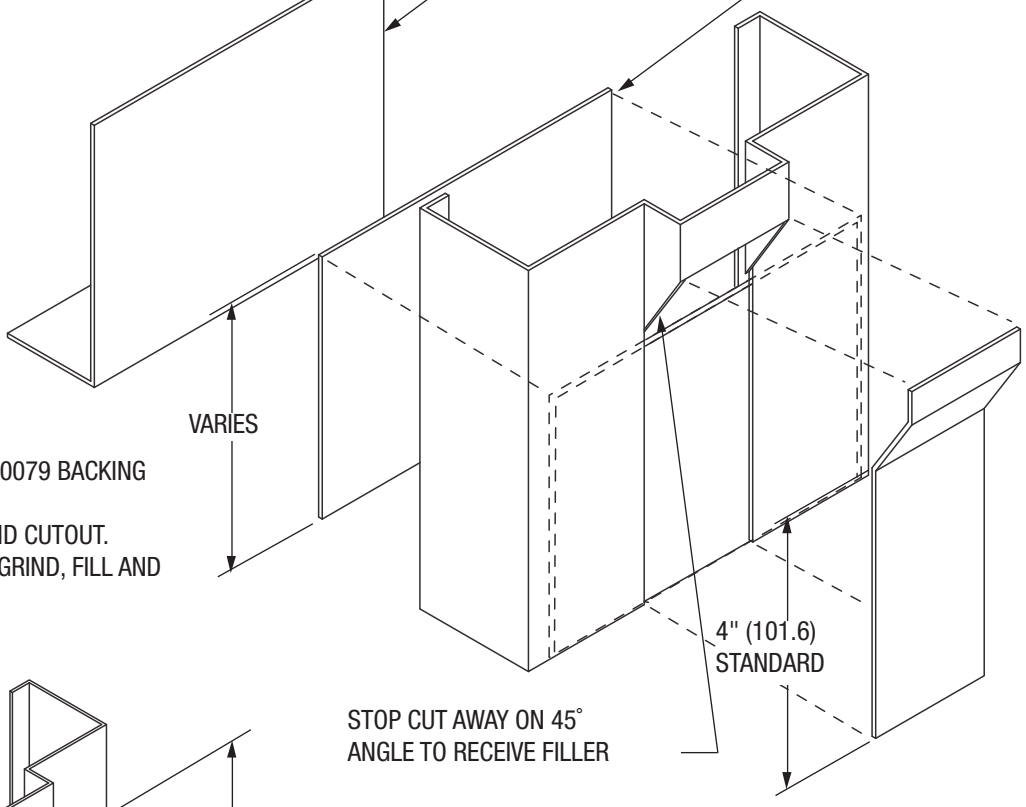
April, 2002

L

ANCHOR PART NUMBER: P0079
FILLER & BACKING PLATE
USED ON FRAMES NOT REQUIRING A FOOT CLIP OR
FRAMES THAT HAVE SOME OTHER BASE ANCHORING METHOD.

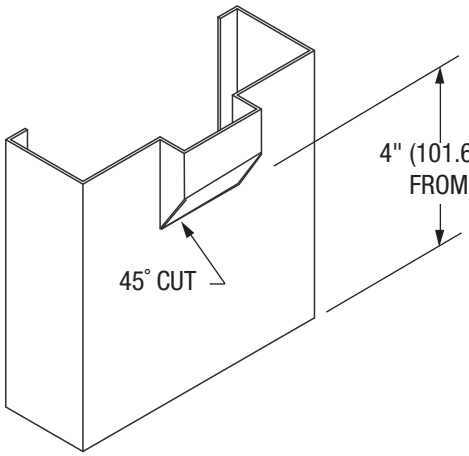
NOTE: FOOTCLIP REQUIRED FOR LABEL

ANCHOR PART NUMBER: P0077
FILLER & COMBINATION BACKING PLATE-FOOT CLIP
USED ON FRAMES REQUIRING A FOOT CLIP.



CHOOSE EITHER P0077 OR P0079 BACKING PLATE.
WELD BACKING PLATE BEHIND CUTOUT.
WELD FILLER INTO CUTOUT, GRIND, FILL AND FINISH SMOOTH.

STOP CUT AWAY ON 45˚
ANGLE TO RECEIVE FILLER



4" (101.6) STANDARD * FROM FACTORY

FILLER SIZES AVAILABLE UP TO 9" (228.6) HIGH

* HEIGHTS AVAILABLE UP TO 9" (228.6) HIGH
6" (152.4) HIGH MAXIMUM ON FIRE RATED FRAMES
FACTORY INSTALLED OR BY SECOND LOCATION SHOP

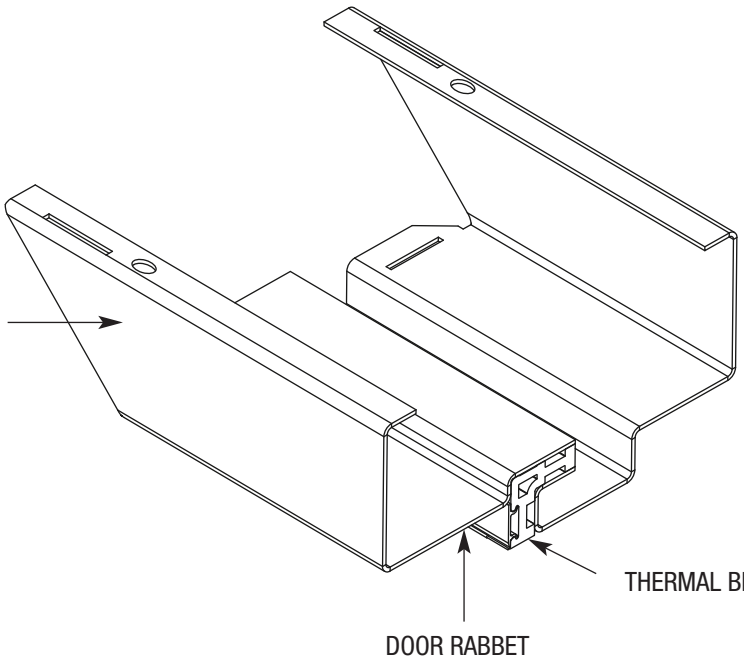
Thermal Break Frame KD Flush Profile

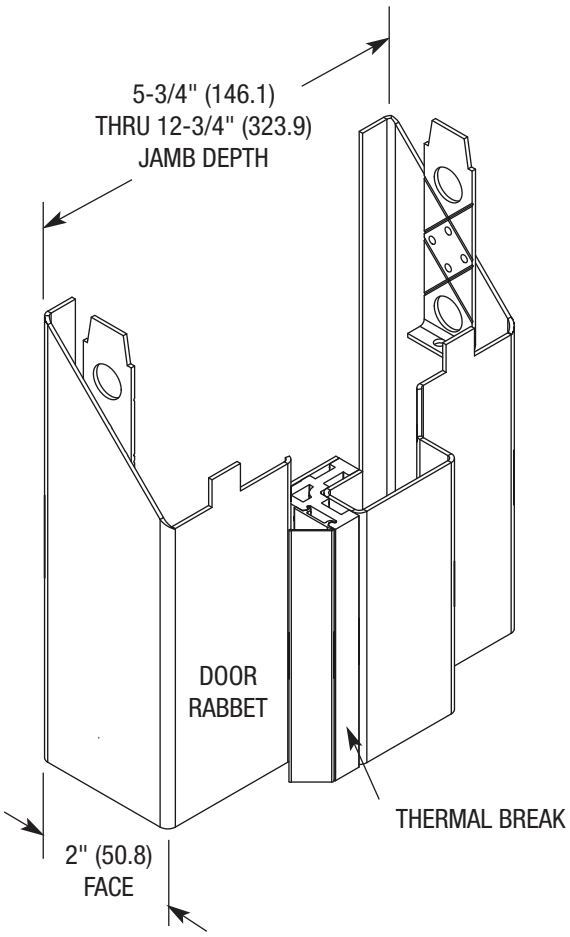
Frame Technical Data

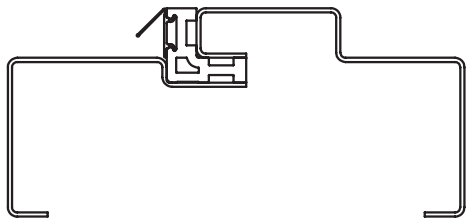
October, 2013

14 GA. (1.9) AND 16 GA. (1.4) GALVANEALED STEEL
5/8" (15.9) HIGH STOP ONLY
KD ONLY (FACE WELDED ONLY)
MAXIMUM KD LENGTH - 118" JAMB, 116" HEAD
PUNCH FOR SILENCERS NOT AVAILABLE

ANCHOR OPTIONS:
- MASONRY T
- WIRE ANCHOR
- SPLIT BASE ANCHOR
- SPLIT WOODSTUD ANCHOR
- PIPE SPACER ANCHOR







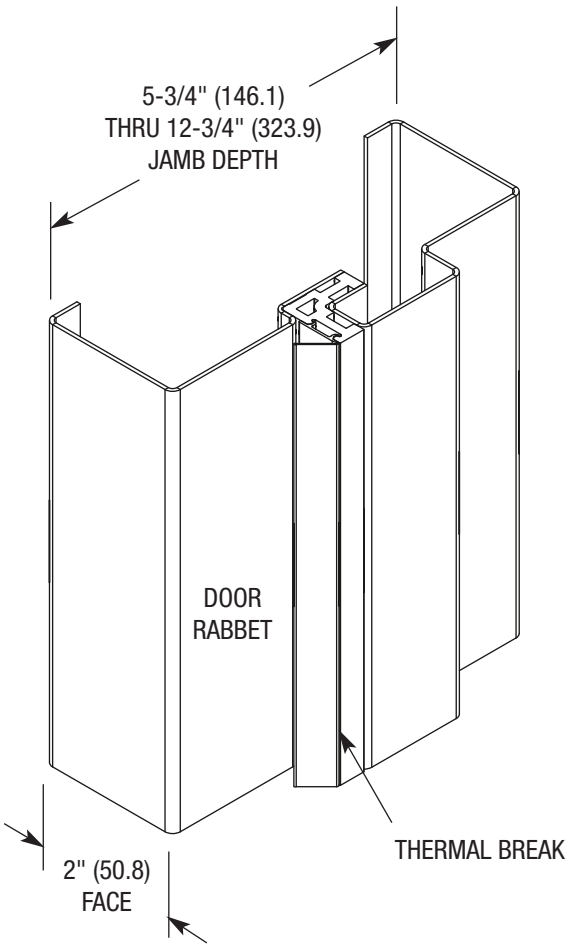
Thermal Break Frame CCW Stick Components

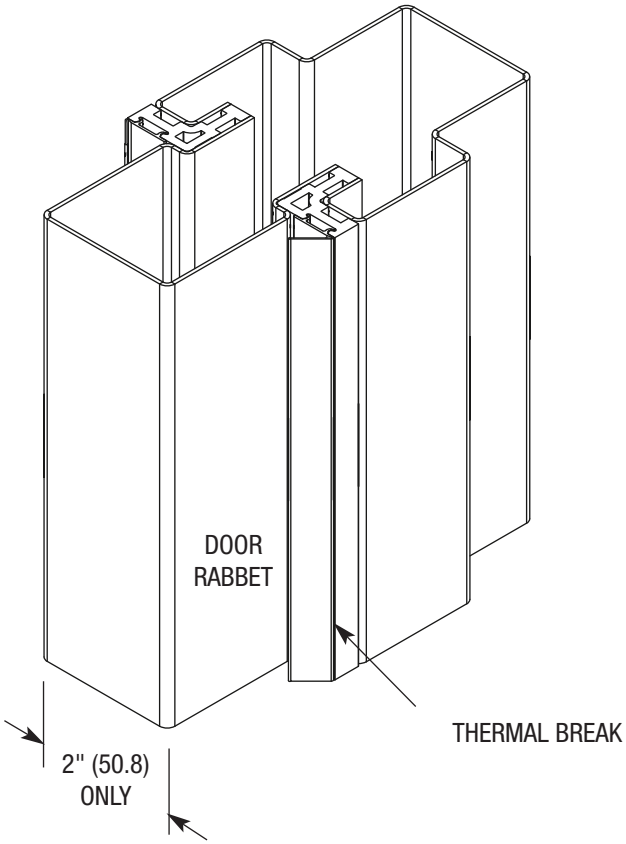
Frame Technical Data

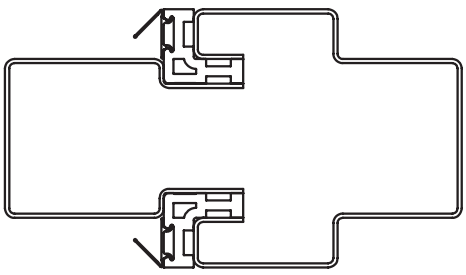
September, 2013

16 GA. (1.4) AND 14 GA. (1.9) GALVANEALED STEEL ONLY
5/8" (15.9) HIGH STOPS ONLY
BUTT END JOINTS ONLY
NOT LABELED

MULLION - 16 GA. (1.4) AND 14 GA. (1.9) 2"
(50.8) FACE ONLY.
PUNCH FOR SILENCERS NOT AVAILABLE.



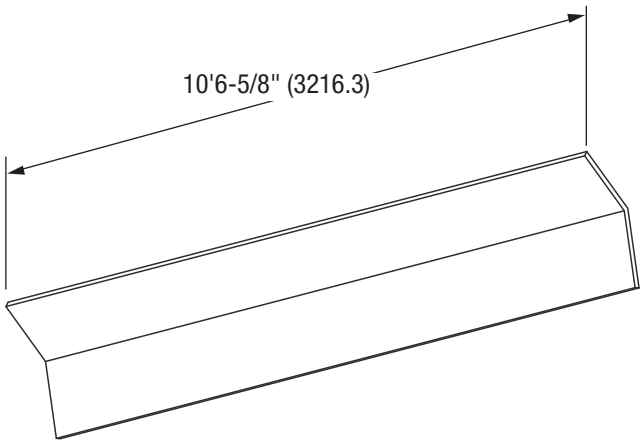




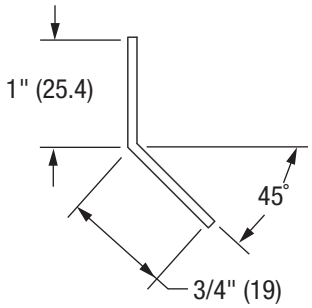
CCW - Drip Cap CCW 112 - 10'6-5/8" Lengths

Frame Technical Data

March, 2009



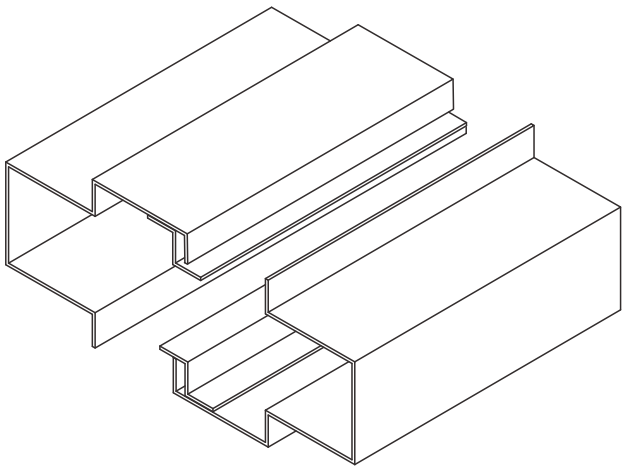
DRIP CAP

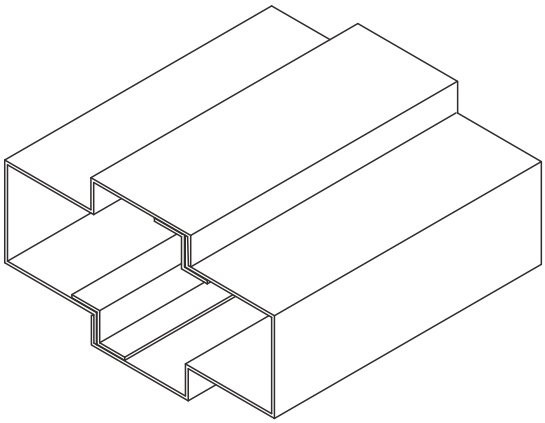


C.C.W. 112

16 GA. (1.4) GALVANEAL

Mullion Construction





ORDER CODE: OM

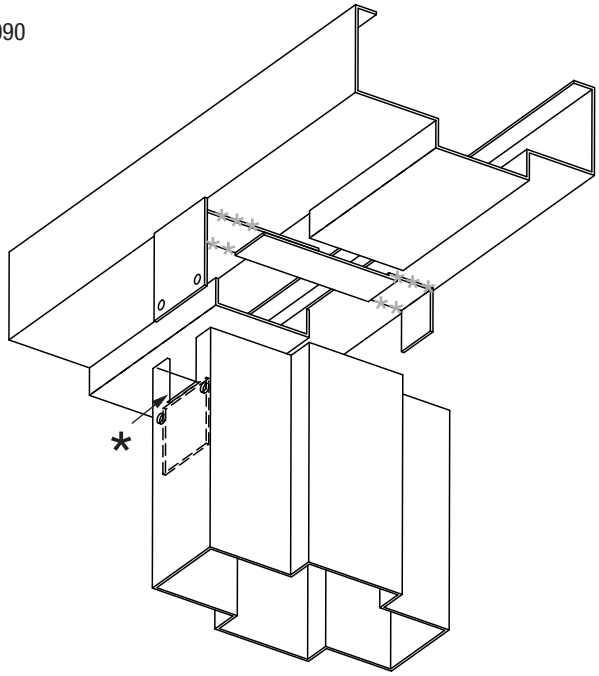
Removable Vertical Mullion/Bracket

Frame Technical Data

August, 2003

(L)

ANCHOR PART NUMBER: P0090



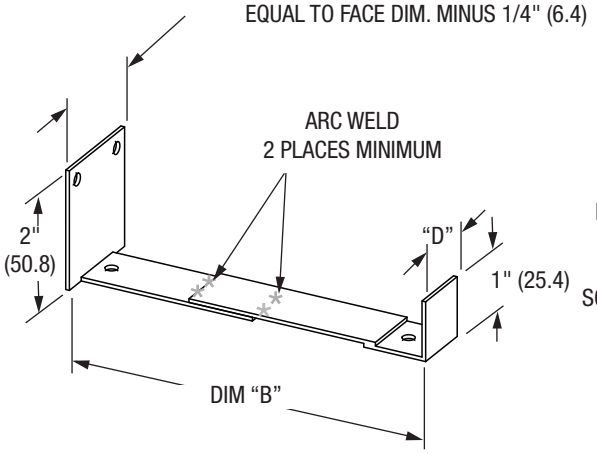
MULLION BRACKET IS USED AT THE TOP AND BOTTOM OF FRAME

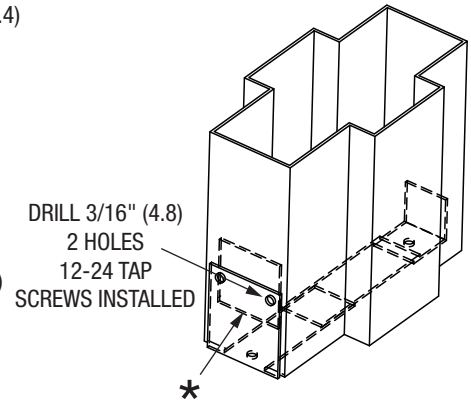
ATTACH MULLION BRACKET TO FRAME

* NOTCH MULLION FACE TO ALLOW DIMENSION “D” TO PASS THRU.

SLIDE MULLION IN PLACE

DIM. “B” = JAMB DEPTH - FRAME GAUGE THICKNESS
DIM. “D” = DETERMINED BY FACE DIMENSION





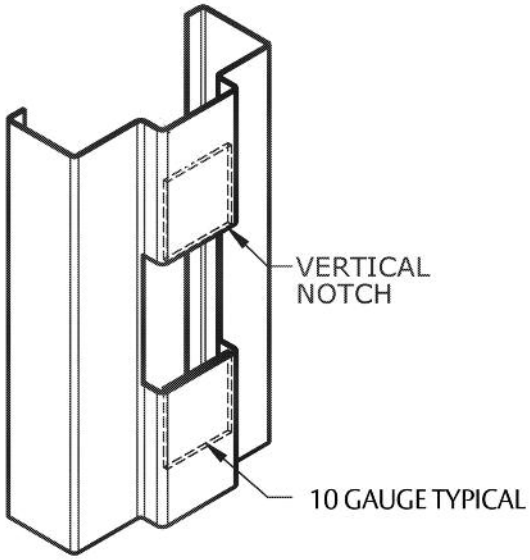
NOTE: THE MULLION WILL BE REMOVABLE FROM THE FACE OPPOSITE THE DOOR RABBET.

Removable Horizontal Mullion/Bracket

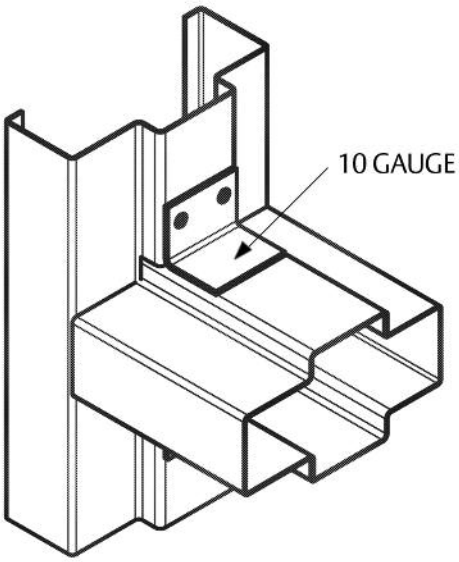
Frame Technical Data

July, 2014

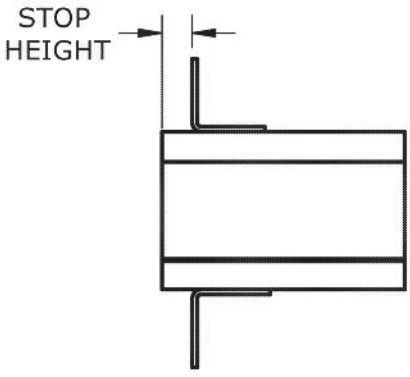
L



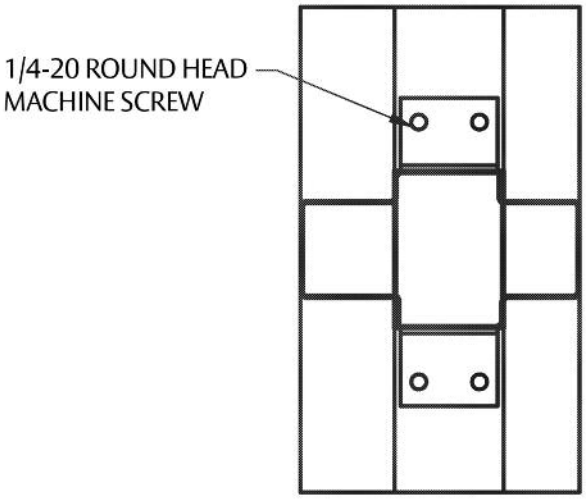
VERTICAL RAIL



ASSEMBLED



HORIZONTAL MULLION RAIL



NOTE: USED WITH REMOVABLE TRANSOM PANEL.

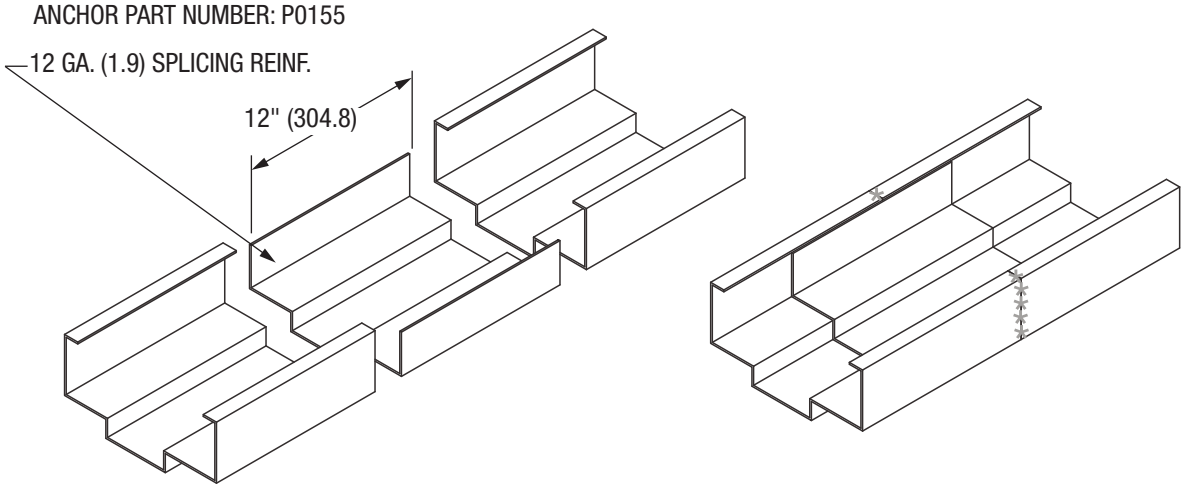
Splice Connection Head or Jamb

Frame Technical Data

April, 2002

L

ANCHOR PART NUMBER: P0155

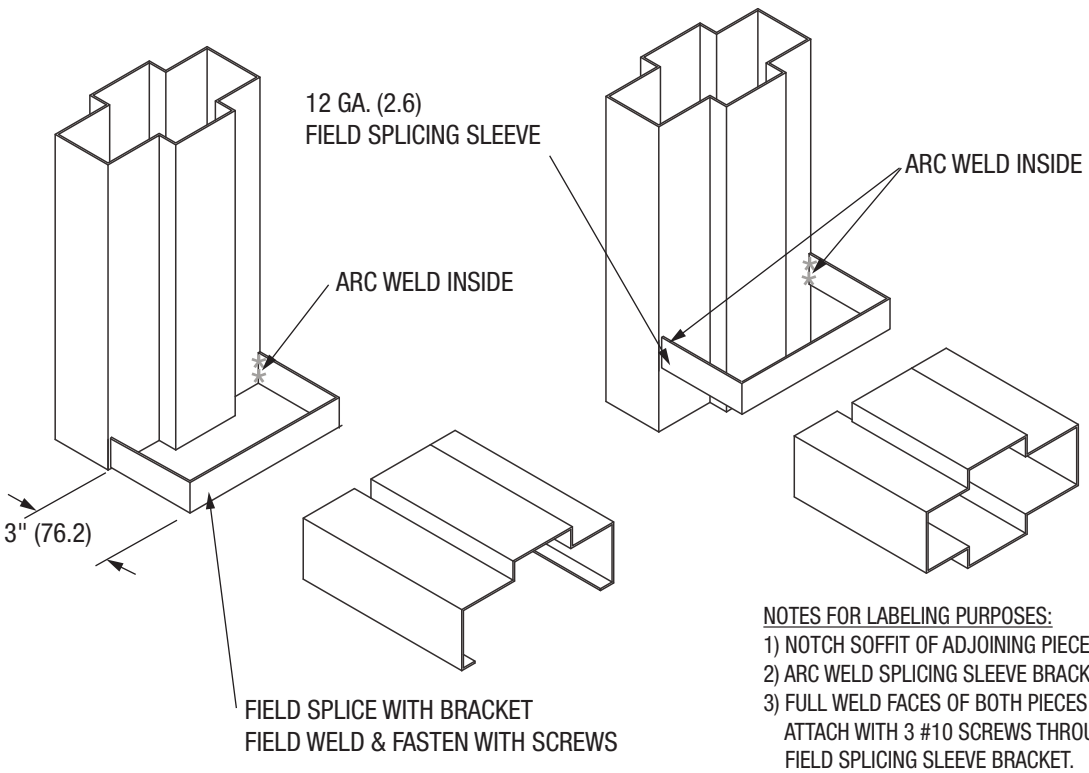


1. FIT SPLICING SLEEVE REINF. HALFWAY INTO ONE SIDE AND TACK WELD IN PLACE.
2. SLIP OTHER SIDE OVER SPLICING SLEEVE REINF. AND ALIGN SEAMS FOR STRAIGHTNESS.
3. TACK WELD SPLICING SLEEVE REINF. INSIDE AND TACK WELD OUTSIDE SEAM AT BOTH FACES.
4. CONTINUOUS WELD SEAM - GRIND AND FINISH SMOOTH.

Field Splice Connection with Bracket

L

ANCHOR PART NUMBER: P0156



NOTES FOR LABELING PURPOSES:

1) NOTCH SOFFIT OF ADJOINING PIECE.
2) ARC WELD SPLICING SLEEVE BRACKET TO MULLION.
3) FULL WELD FACES OF BOTH PIECES TOGETHER, OR ATTACH WITH 3 #10 SCREWS THROUGH FACE INTO FIELD SPLICING SLEEVE BRACKET.

KD Double Egress Frame Standards

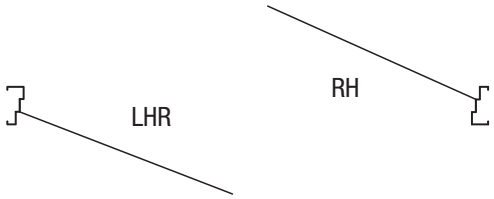
Frame Technical Data

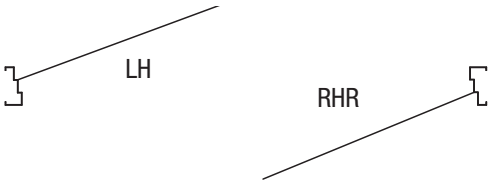
May, 2010

L

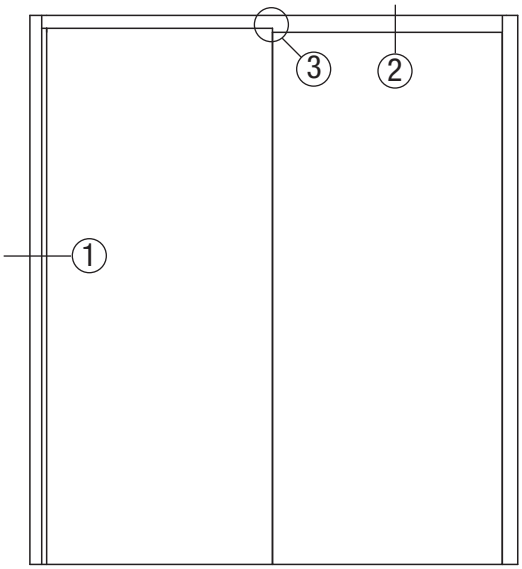
HANDING

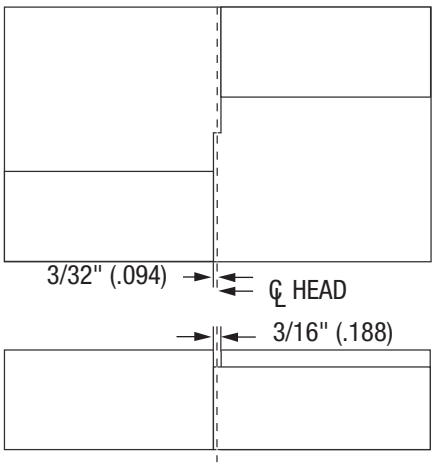
M - FLUSH SERIES KD
C - DRYWALL KD NOT AVAILABLE



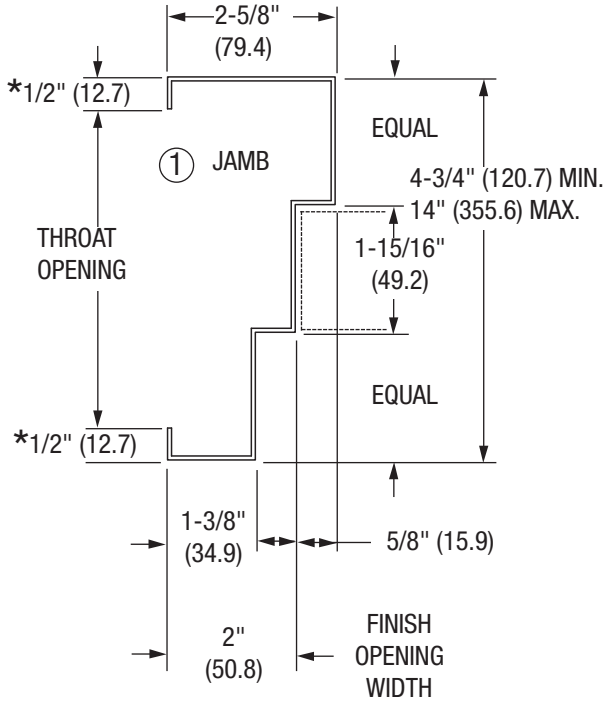


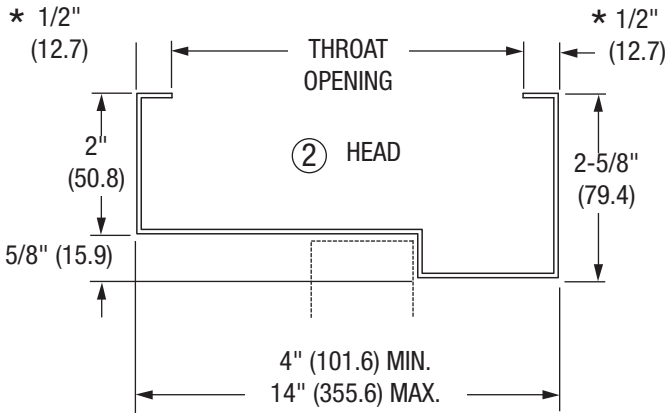
DOUBLE RIGHT HAND SWING
(STANDARD)





SOFFIT STOP IS HELD BACK 3/32" TO PROVIDE
PROPER DOOR CLEARANCE





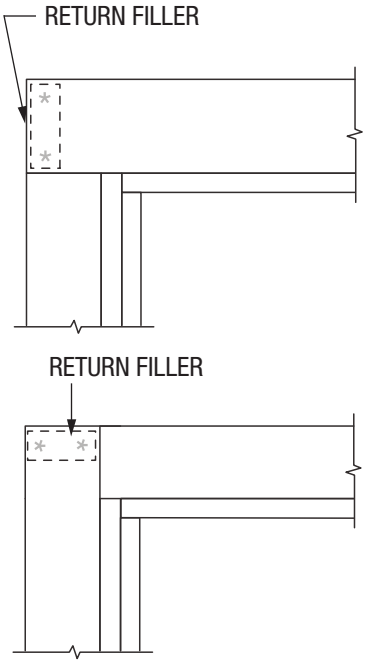
* 5-3/4" (146.1) JAMB DEPTH HAS 7/16" (11.1) RETURN 18, 16, 14 GA.
12 GA. 1/2" RETURN NO KD

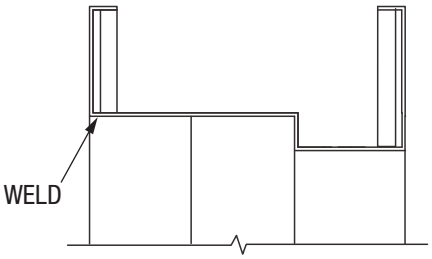
S.B.E. Double Egress Frame Corner Joints

Frame Technical Data

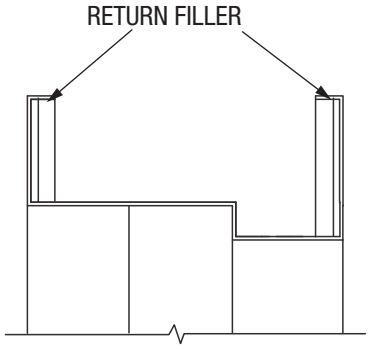
November, 2004

(L)





VERTICAL BUTT JOINT
(STANDARD)
WELDED &
GROUND SMOOTH

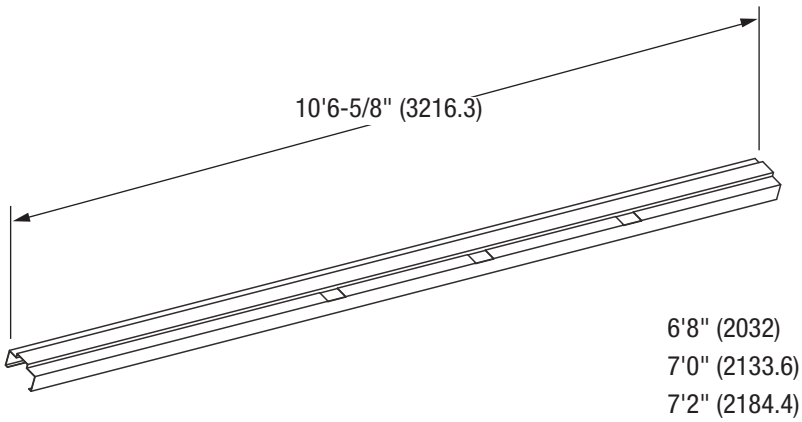


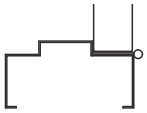
HORIZONTAL BUTT JOINT
(OPTIONAL)
WELDED &
GROUND SMOOTH

CCW - Open Back Rail - 10'6-5/8" Lengths

Frame Technical Data

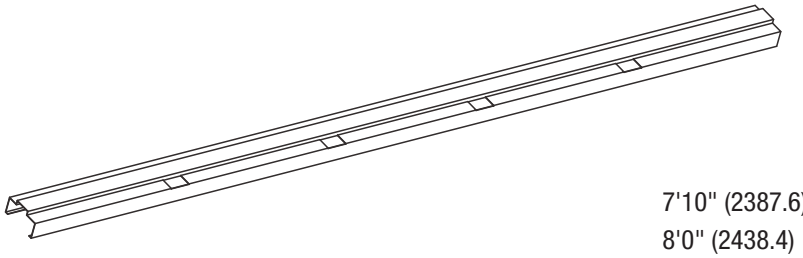
November, 2004

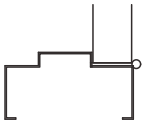




OPEN BACK RAIL
HINGE JAMB

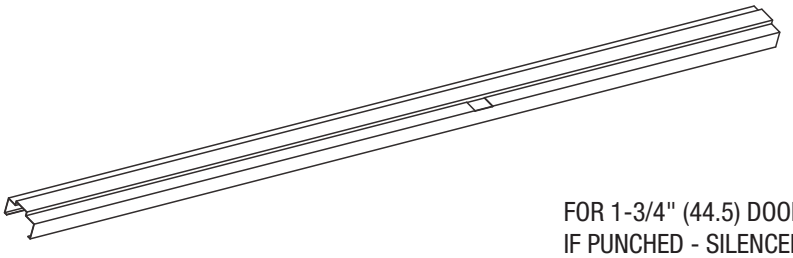
6'8" (2032)	LOCATION 3 HINGES	**C.C.W. 24**
7'0" (2133.6)	LOCATION 3 HINGES	**C.C.W. 25**
7'2" (2184.4)	LOCATION 3 HINGES	**C.C.W. 39**

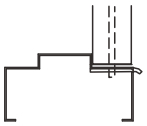




OPEN BACK RAIL
HINGE JAMB

7'10" (2387.6)	LOCATION 4 HINGES	**C.C.W. 62**
8'0" (2438.4)	LOCATION 4 HINGES	**C.C.W. 63**
9'0" (2743.2)	LOCATION 4 HINGES	**C.C.W. 119**
10'0" (3048)	LOCATION 4 HINGES	**C.C.W. 120**





OPEN BACK RAIL
STRIKE JAMB

C.C.W. 26

FOR 1-3/4" (44.5) DOORS ALL STRIKE LOCATIONS 40" (1016) ℄
IF PUNCHED - SILENCERS ARE REQUIRED
WHEN ORDERING CCW 26 STRIKE JAMB SPECIFY DOOR HEIGHT

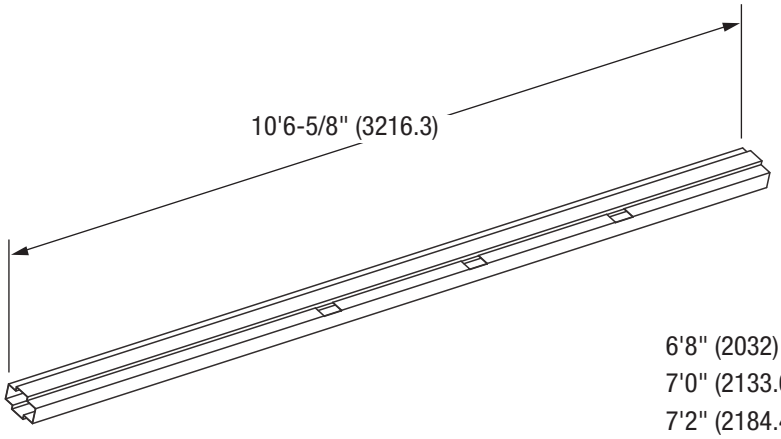
NOTE: ANCHORS ARE NOT INCLUDED WITH CCW MATERIAL.
CCW MATERIAL MAY BE ORDERED CUT TO LENGTH - EXACT LENGTH - WITH S.M.O. OR S.B.E. CORNER CONFIGURATION.
CUSTOM PROFILES AVAILABLE.
12 GA. FRAMES ARE CCW. 5-3/4 JAMB DEPTH HAS 1/2" RETURNS.

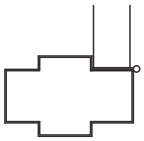
CCW - Mullion Closed Section - 10'6-5/8" Lengths

Frame Technical Data

November, 2004

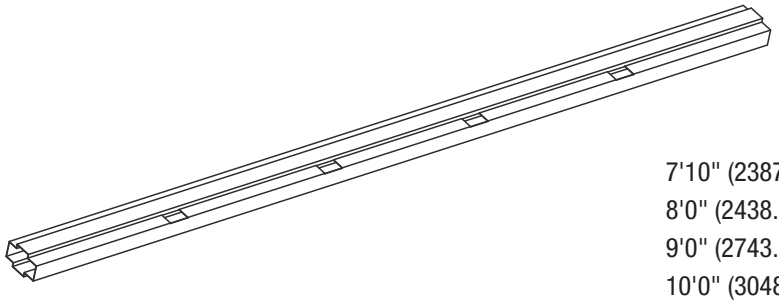
L

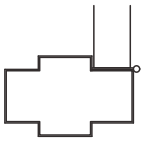




MULLION -
CLOSED SECTION
HINGE JAMB

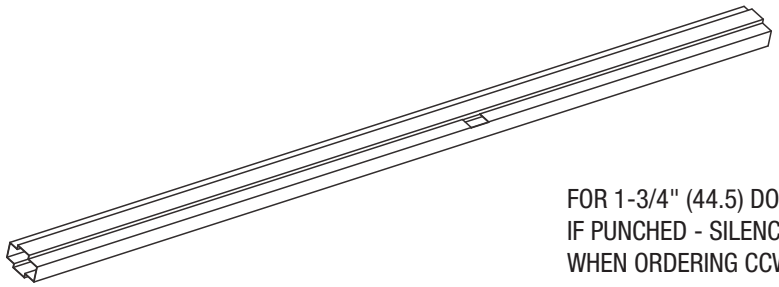
6'8" (2032)	LOCATION 3 HINGES	**C.C.W. 42**
7'0" (2133.6)	LOCATION 3 HINGES	**C.C.W. 43**
7'2" (2184.4)	LOCATION 3 HINGES	**C.C.W. 44**

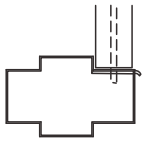




MULLION -
CLOSED SECTION
HINGE JAMB

7'10" (2387.6)	LOCATION 4 HINGES	**C.C.W. 81**
8'0" (2438.4)	LOCATION 4 HINGES	**C.C.W. 82**
9'0" (2743.2)	LOCATION 4 HINGES	**C.C.W. 133**
10'0" (3048)	LOCATION 4 HINGES	**C.C.W. 134**





MULLION -
CLOSED SECTION
STRIKE JAMB

C.C.W. 41

FOR 1-3/4" (44.5) DOORS ALL STRIKE LOCATIONS 40" (1016) ℄
IF PUNCHED - SILENCERS ARE REQUIRED
WHEN ORDERING CCW 41 STRIKE JAMB SPECIFY DOOR HEIGHT

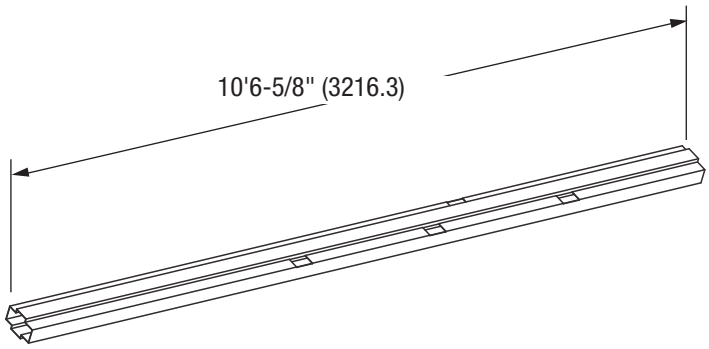
12 GA. FRAMES ARE CCW

CURRIES
ASSA ABLOY

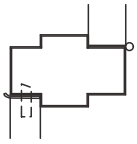
CCW - Mullion Closed Section - 10'6-5/8" Lengths
Communicating Mullion

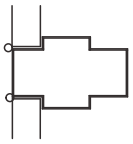
Frame Technical Data

November, 2004

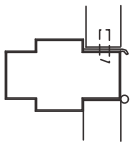


MULLION - CLOSED SECTION
COMBINATION RAIL
ALL STANDARD
DOOR HEIGHTS.





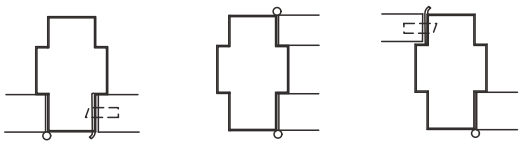
DOUBLE HINGE, DOUBLE
STRIKE OR HINGE AND
STRIKE COMBINATIONS.



6'8" (2032)	LOCATION 3 HINGES & STRIKE	**C.C.W. 45**
7'0" (2133.6)	LOCATION 3 HINGES & STRIKE	**C.C.W. 46**
7'2" (2184.4)	LOCATION 3 HINGES & STRIKE	**C.C.W. 47**
7'10" (2387.6)	LOCATION 4 HINGES & STRIKE	**C.C.W. 83**
8'0" (2438.4)	LOCATION 4 HINGES & STRIKE	**C.C.W. 84**
9'0" (2743.2)	LOCATION 4 HINGES & STRIKE	**C.C.W. 135**
10'0" (3048)	LOCATION OF 4 HINGES & STRIKE	**C.C.W. 136**
DOUBLE STRIKE MULLION	**C.C.W. 85**	
NOTE: WHEN ORDERING CCW 85 SPECIFY DOOR HEIGHT.		
6'8" (2032)	LOCATION 3 (DOUBLE HINGES)	**C.C.W. 86**
7'0" (2133.6)	LOCATION 3 (DOUBLE HINGES)	**C.C.W. 87**
7'2" (2184.4)	LOCATION 3 (DOUBLE HINGES)	**C.C.W. 88**
7'10" (2387.6)	LOCATION 4 (DOUBLE HINGES)	**C.C.W. 89**
8'0" (2438.4)	LOCATION 4 (DOUBLE HINGES)	**C.C.W. 90**
9'0" (2743.2)	LOCATION 4 (DOUBLE HINGES)	**C.C.W. 137**
10'0" (3048)	LOCATION OF 4 (DOUBLE HINGES)	**C.C.W. 138**

NOTE: WHEN ORDERING COMBINATION MULLION DOUBLE HINGE, DOUBLE STRIKE, OR HINGE AND STRIKE, PROVIDE SECTION DETAIL OF DOOR RABBET LOCATION.

EXAMPLE



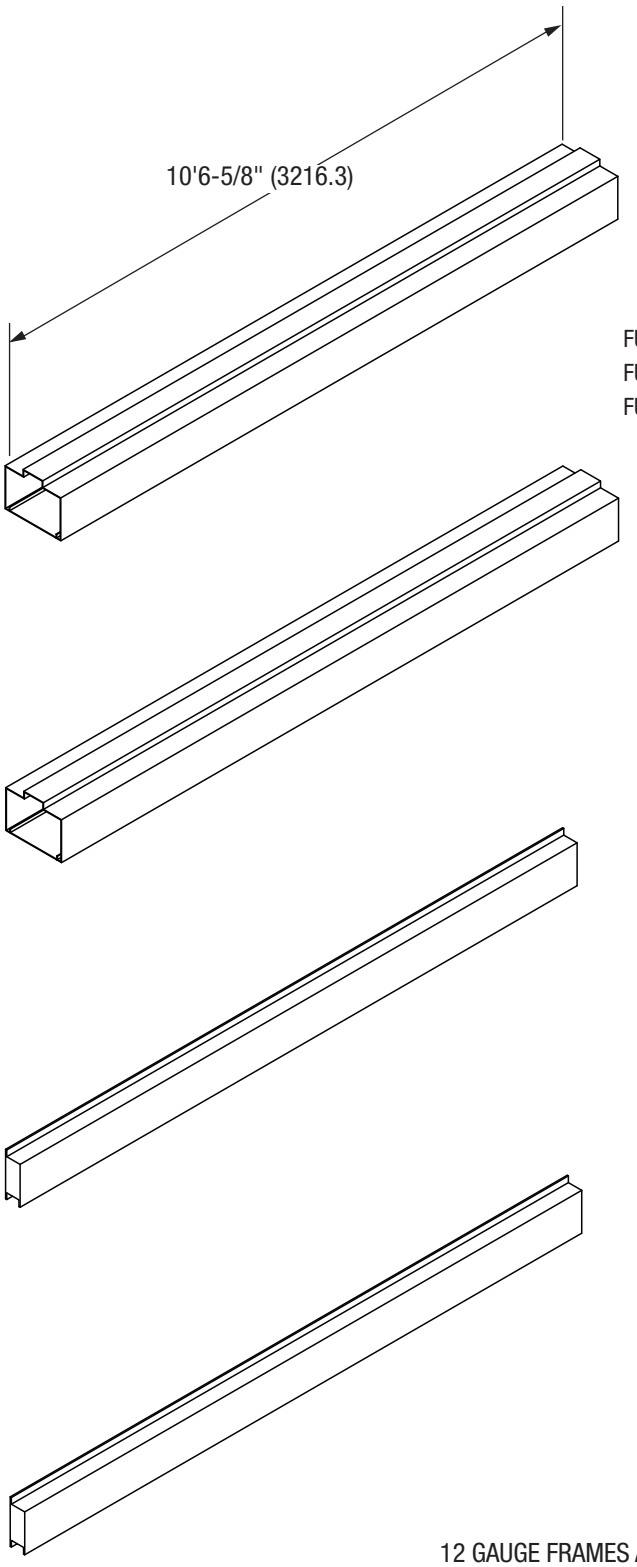
12 GAUGE FRAMES ARE CCW

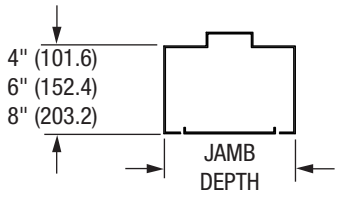
CCW Sills - CCW 28, 139, 140, 48, 49, 55 - 10'6-5/8" Lengths

Frame Technical Data

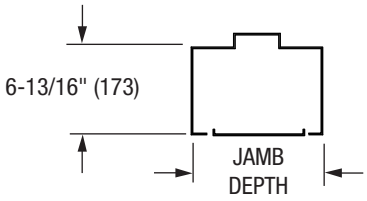
November, 2004

(L)

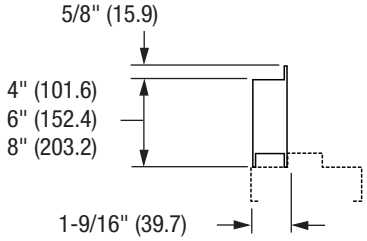




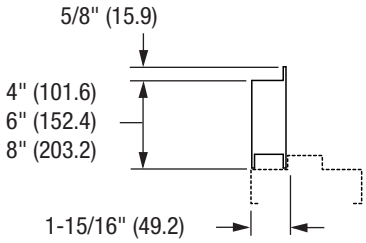
FULL JAMB DEPTH 4" (101.6) FACE OR LESS **C.C.W. 28**
FULL JAMB DEPTH 6" (152.4) FACE OR LESS **C.C.W. 139**
FULL JAMB DEPTH 8" (203.2) FACE OR LESS **C.C.W. 140**



FULL JAMB DEPTH 6-13/16" (173) FACE **C.C.W. 55**



SPECIAL 1-9/16" (39.7) THICK **C.C.W. 48**



SPECIAL 1-15/16" (49.2) THICK **C.C.W. 49**

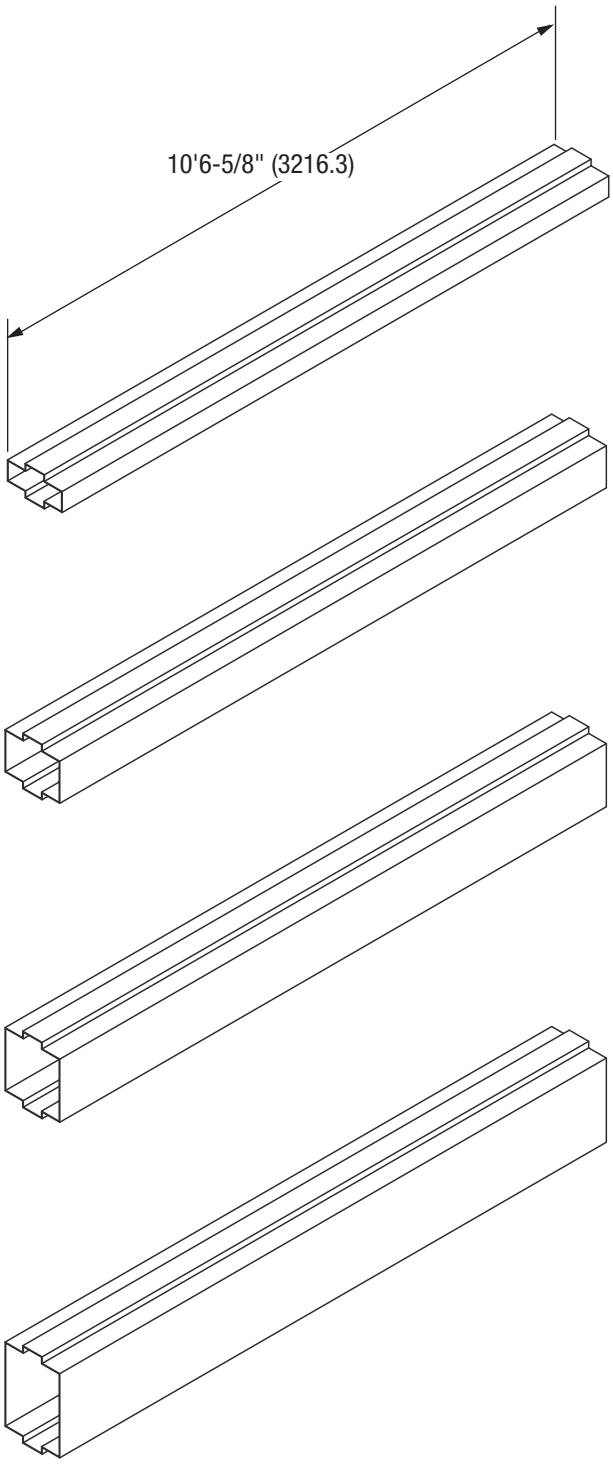
12 GAUGE FRAMES ARE CCW

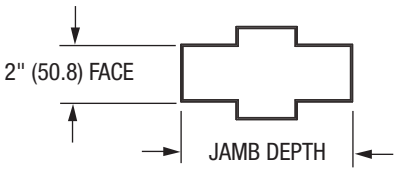
CURRIES
ASSA ABLOY

CCW - Plain Mullion CCW 16, 17, 18, 50 - 10'6-5/8" Lengths

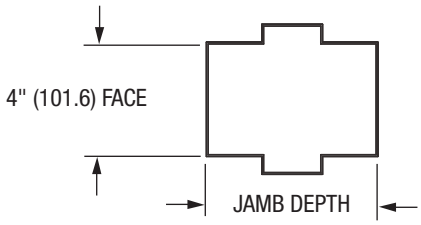
Frame Technical Data

November, 2004

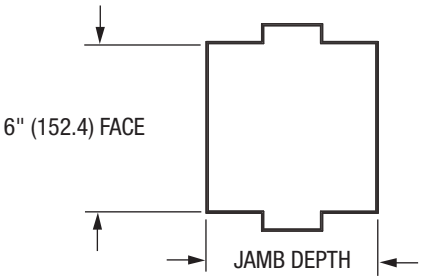




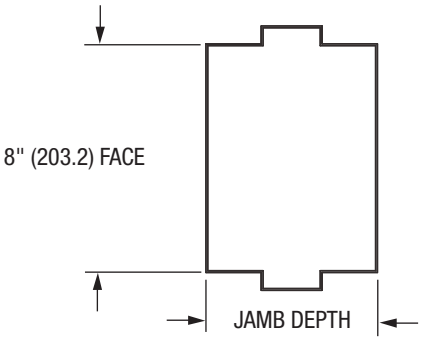
PLAIN MULLION 2" (50.8) FACE **C.C.W. 16**



PLAIN MULLION 4" (101.6) FACE **C.C.W. 17**



PLAIN MULLION 6" (152.4) FACE **C.C.W. 18**



PLAIN MULLION 8" (203.2) FACE **C.C.W. 50**

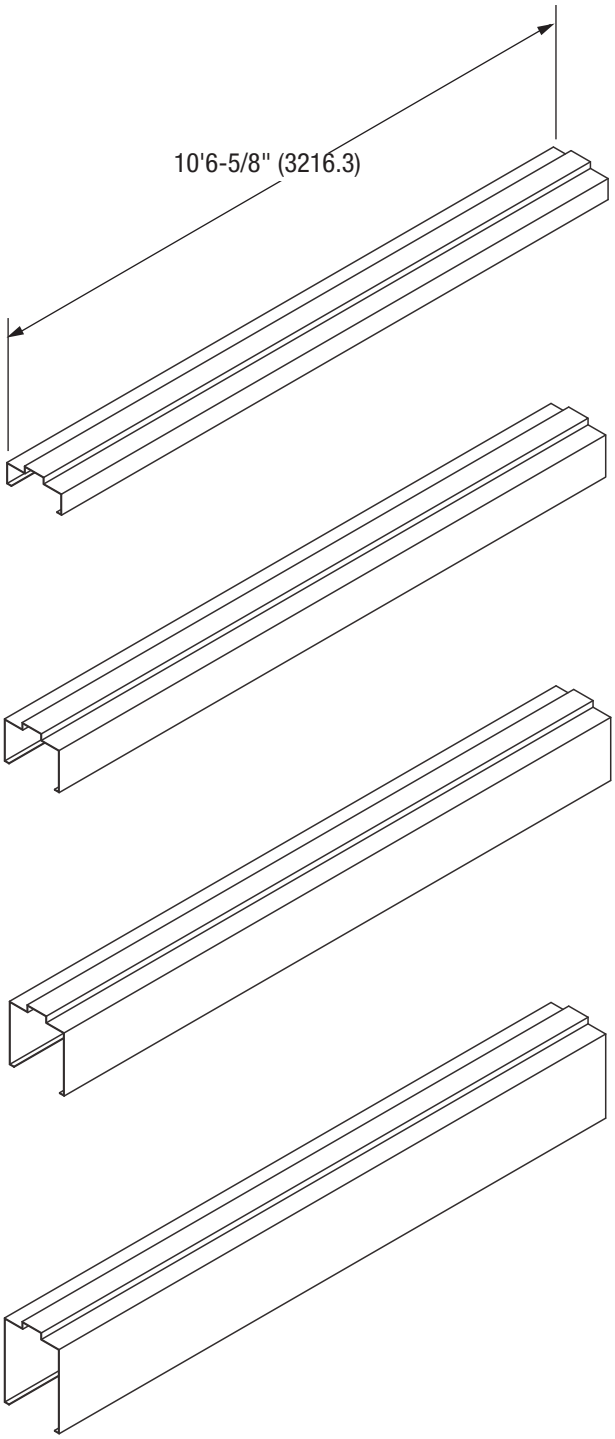
12 GAUGE FRAMES ARE CCW

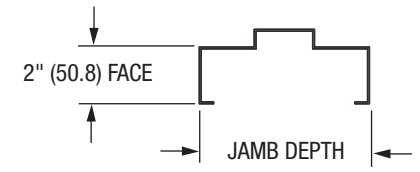
CCW - Plain Rail CCW 21, 23, 115, 117 - 10'6-5/8" Lengths

Frame Technical Data

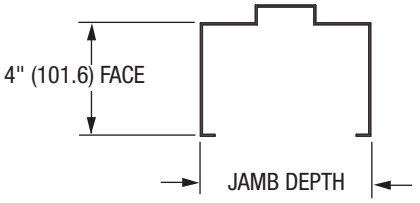
November, 2004

L

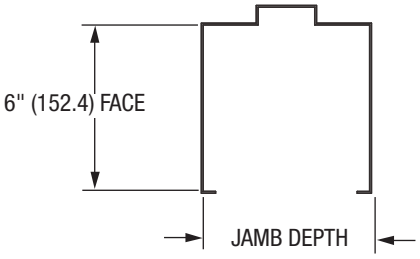




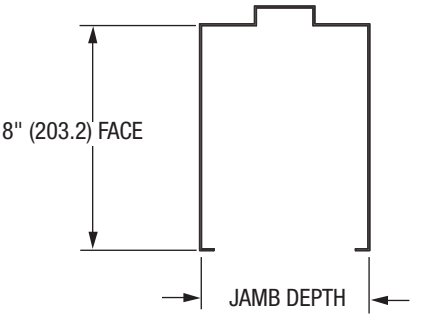
PLAIN RAIL 2" (50.8) FACE **C.C.W. 21**



PLAIN RAIL 4" (101.6) FACE **C.C.W. 23**



PLAIN RAIL 6" (152.4) FACE **C.C.W. 115**



PLAIN RAIL 8" (203.2) FACE **C.C.W. 117**

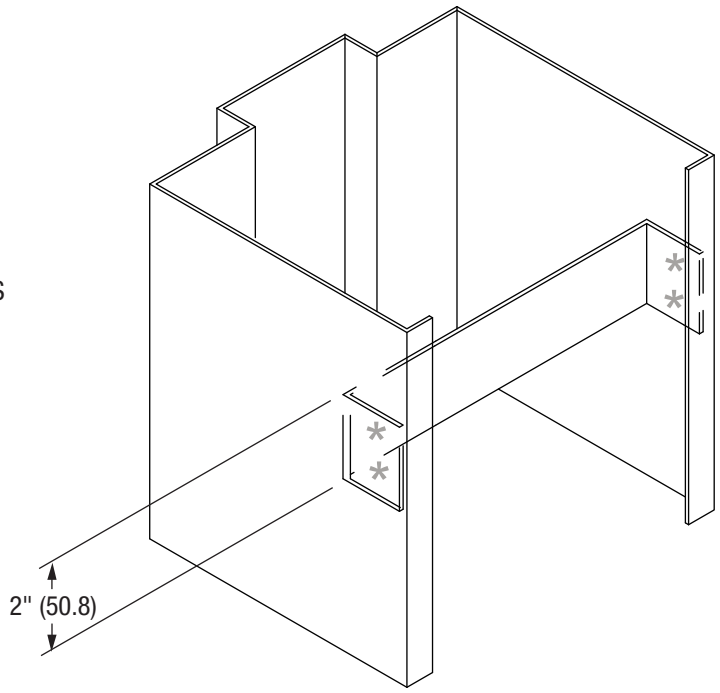
12 GAUGE FRAMES ARE CCW

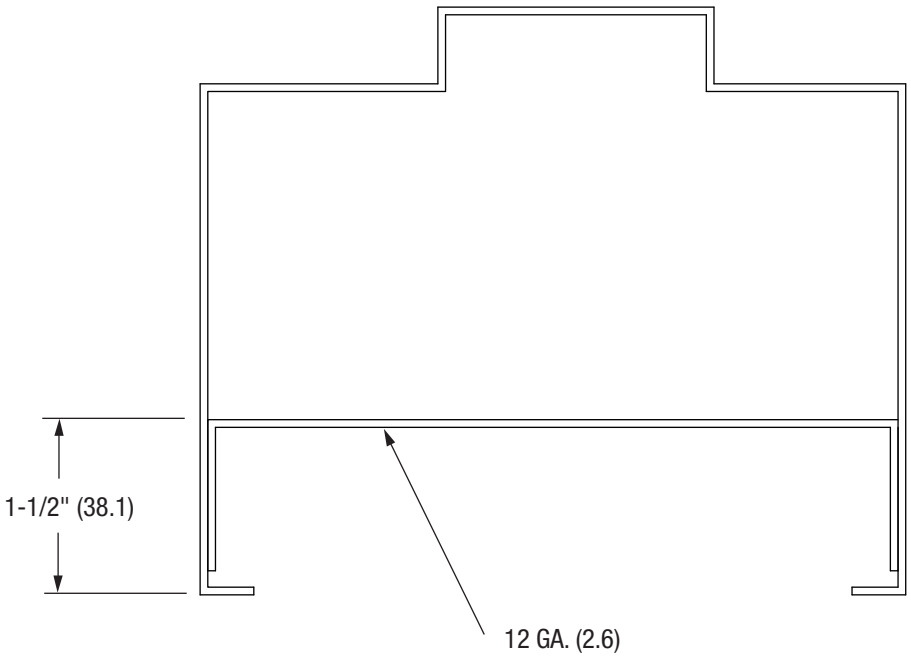
August, 2003

ANCHOR PART NUMBER: P320

LOCATED EVERY 18" OF SILL LENGTH WHEN FACE EXCEEDS 5".
PROVIDES ADDITIONAL SUPPORT TO PROFILE FACE.

ONE STIFFENER EVERY 18" OF LENGTH ON FACE DIMENSIONS 5" TO 9" FACE DIMENSIONS 9" THRU 16" MAX. REQUIRE TWO STIFFENERS PER 18" OF LENGTH.



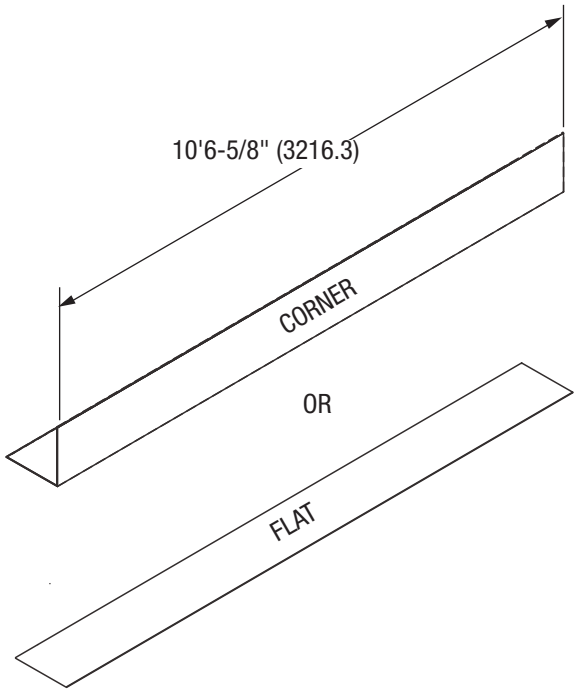


CCW - Misc. Rail CCW 19, 27, 22, 29 - 10'6-5/8" Lengths

Frame Technical Data

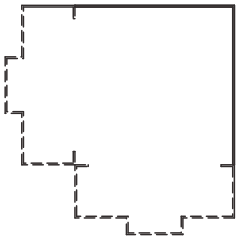
November, 2004

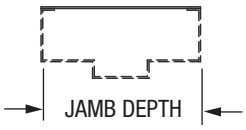
L

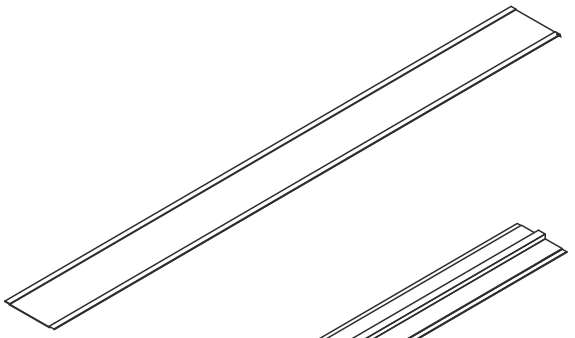


COVER PLATE
CORNER OR FLAT

C.C.W. 19

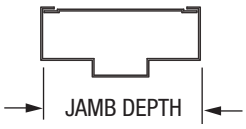


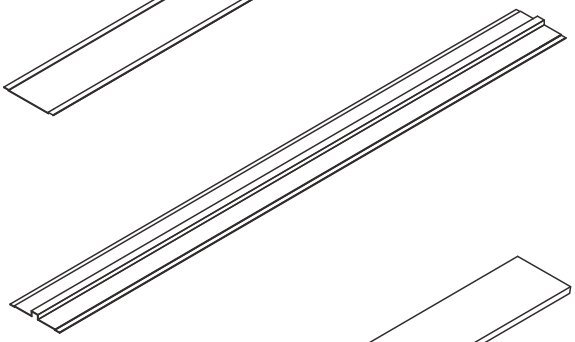




FILLER PLATE
WITHOUT STOP

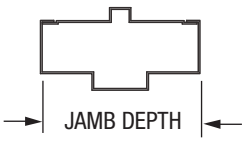
C.C.W. 27

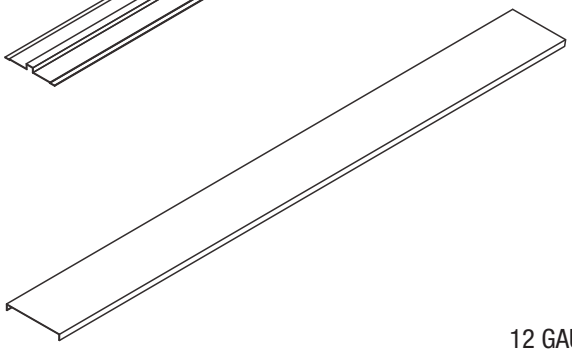




FILLER PLATE
WITH STOP

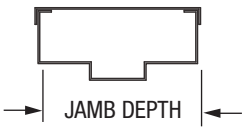
C.C.W. 22





HEAD CAP

C.C.W. 29

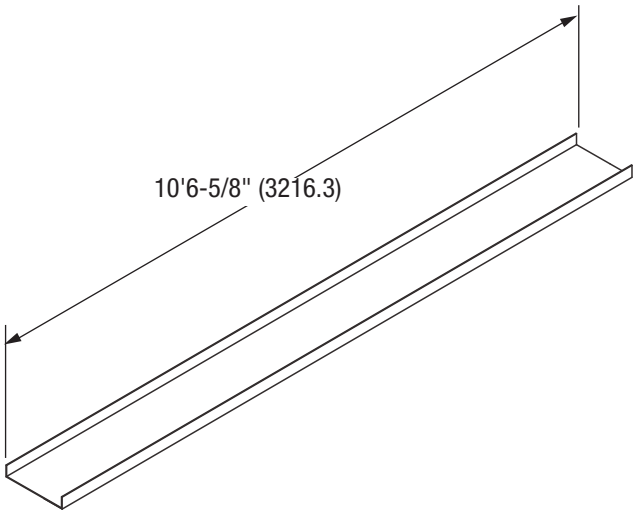


12 GAUGE FRAMES ARE CCW

CCW - Misc. Rail CCW 91, 92, 40 - 10'6-5/8" Lengths

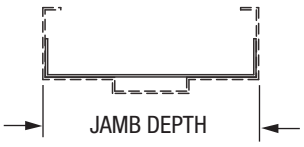
Frame Technical Data

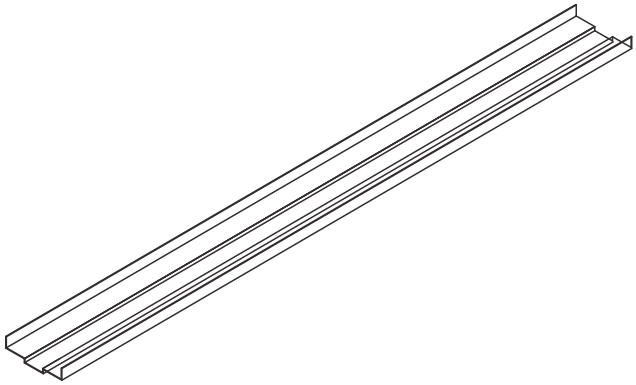
November, 2004



CHANNEL HEAD REINF.

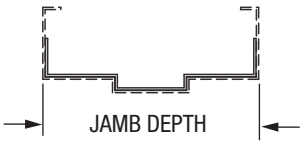
C.C.W. 91



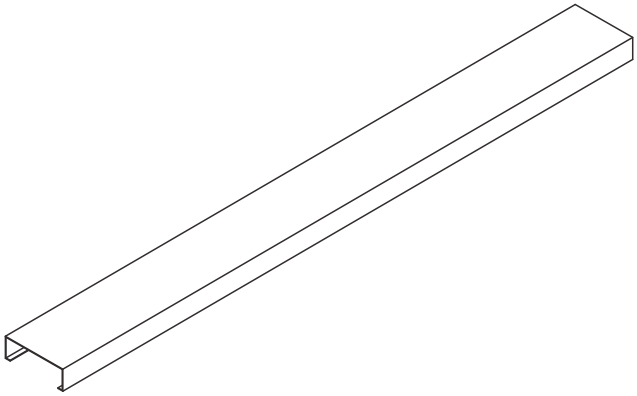


FULL WIDTH
HEAD REINF.

C.C.W. 92



CASED OPENING PLAIN RAIL
CASED OPENING PLAIN RAIL 4" (101.6)



C.C.W. 40 2" FACE
C.C.W. 20 4" FACE

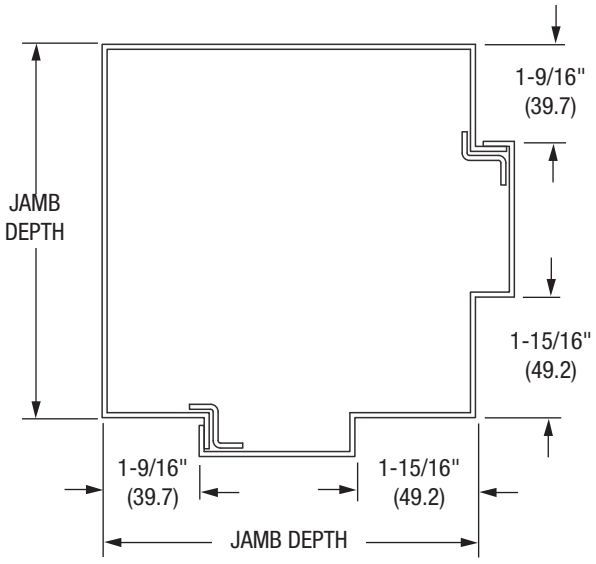
12 GAUGE FRAMES ARE CCW

CCW - Corners CCW 51, 52, 53, 54 - 10'6-5/8" Lengths

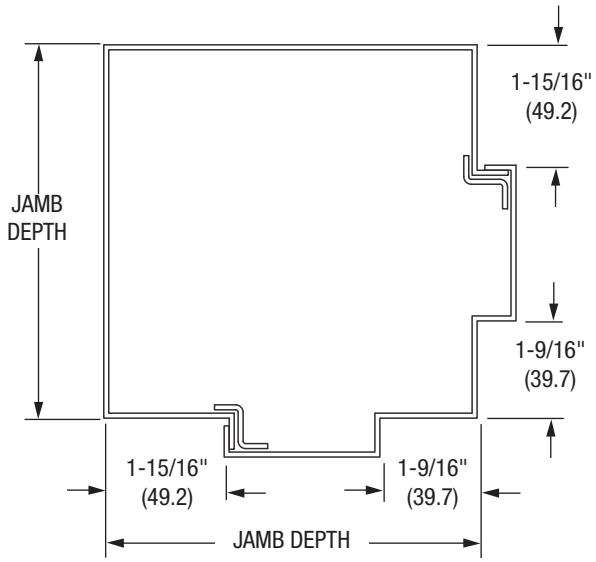
Frame Technical Data

November, 2004

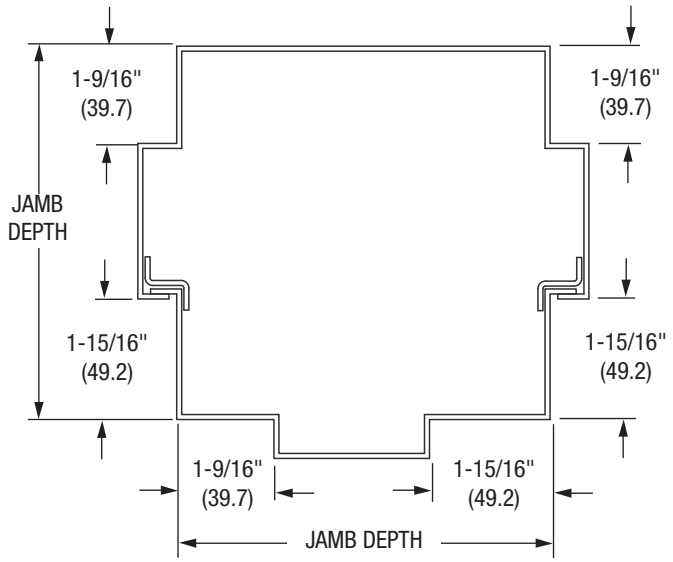
L



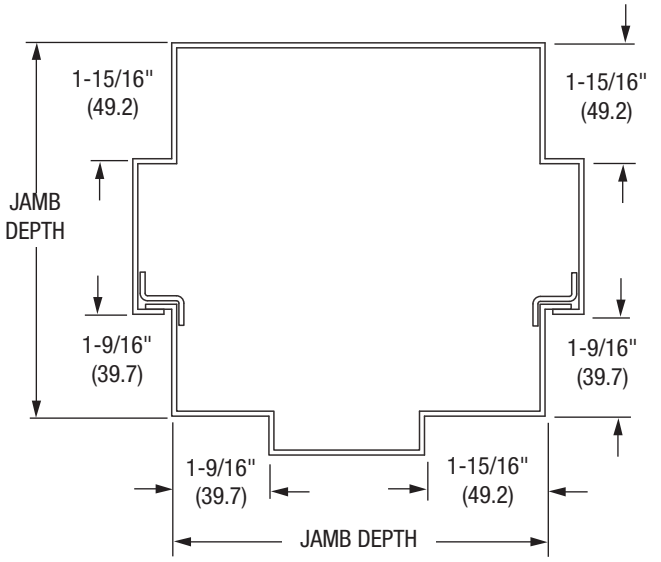
2 WAY CORNER
1-9/16" (39.7) OUTSIDE
C.C.W. 51



2 WAY CORNER
1-15/16" (49.2) OUTSIDE
C.C.W. 52



3 WAY CORNER
1-9/16" (39.7) OUTSIDE
C.C.W. 53



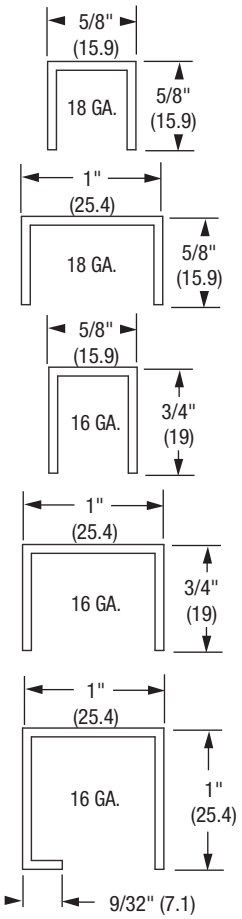
3 WAY CORNER
1-15/16" (49.2) OUTSIDE
C.C.W. 54

12 GAUGE FRAMES ARE CCW

CCW - Glass Stop

Frame Technical Data

November, 2004



CCW#	HEIGHT X WIDTH	DESCRIPTION
93	5/8" (15.9) X 5/8" (15.9)	PRIME PAINT - PUNCHED 12" (304.8) ON CENTER
97	5/8" (15.9) X 5/8" (15.9)	PRIME PAINT - BLANK
101	5/8" (15.9) X 5/8" (15.9)	NO PAINT - BLANK
105	5/8" (15.9) X 5/8" (15.9)	NO PAINT - PUNCHED 12" (304.8) ON CENTER
94	5/8" (15.9) X 1" (25.4)	PRIME PAINT - PUNCHED 12" (304.8) ON CENTER
98	5/8" (15.9) X 1" (25.4)	PRIME PAINT - BLANK
102	5/8" (15.9) X 1" (25.4)	NO PAINT - BLANK
106	5/8" (15.9) X 1" (25.4)	NO PAINT - PUNCHED 12" (304.8) ON CENTER
95	3/4" (19) x 5/8" (15.9)	PRIME PAINT - PUNCHED 12" (304.8) ON CENTER
99	3/4" (19) x 5/8" (15.9)	PRIME PAINT - BLANK
103	3/4" (19) x 5/8" (15.9)	NO PAINT - BLANK
107	3/4" (19) x 5/8" (15.9)	NO PAINT - PUNCHED 12" (304.8) ON CENTER
96	3/4" (19) X 1" (25.4)	PRIME PAINT PUNCHED 6" (152.4) ON CENTER
100	3/4" (19) X 1" (25.4)	PRIME PAINT - BLANK
104	3/4" (19) X 1" (25.4)	NO PAINT - BLANK
108	3/4" (19) X 1" (25.4)	NO PAINT - PUNCHED 6" (152.4) ON CENTER
143	1" (25.4) X 1" (25.4) - PRIME PAINT - PUNCHED 6" (152.4) ON CENTER	

GLASS STOP IS MANUFACTURED FROM GALVANEALED STEEL.
PAINT IS CURRIES STANDARD GRAY PRIME.
PUNCHING IS FOR OVAL HEAD SCREWS SIZE #8.

NOTE: **HOLE PUNCHING ON GLASS STOP IS STANDARD 12" (304.8) ON CENTER. IF STOP IS TO BE USED FOR LABEL FRAME APPLICATIONS YOU MUST SPECIFY ON ORDER THAT HOLES ARE TO BE 6" (152.4) ON CENTER.**

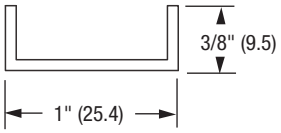
ALL GLASS STOP AND SOFFIT STOP MATERIAL COME IN 10'6" (3200.4) LENGTHS

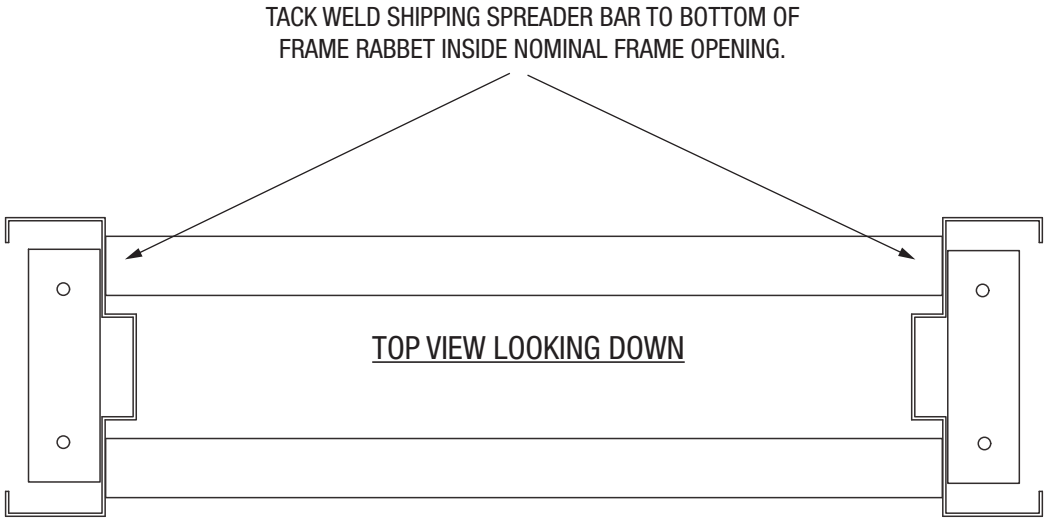
STAINLESS STEEL GLASS STOP IS 16 GA. (1.4)

CCW - Shipping Spreader Bar CCW 111 - 10'6-5/8" Lengths

Frame Technical Data

April, 2002

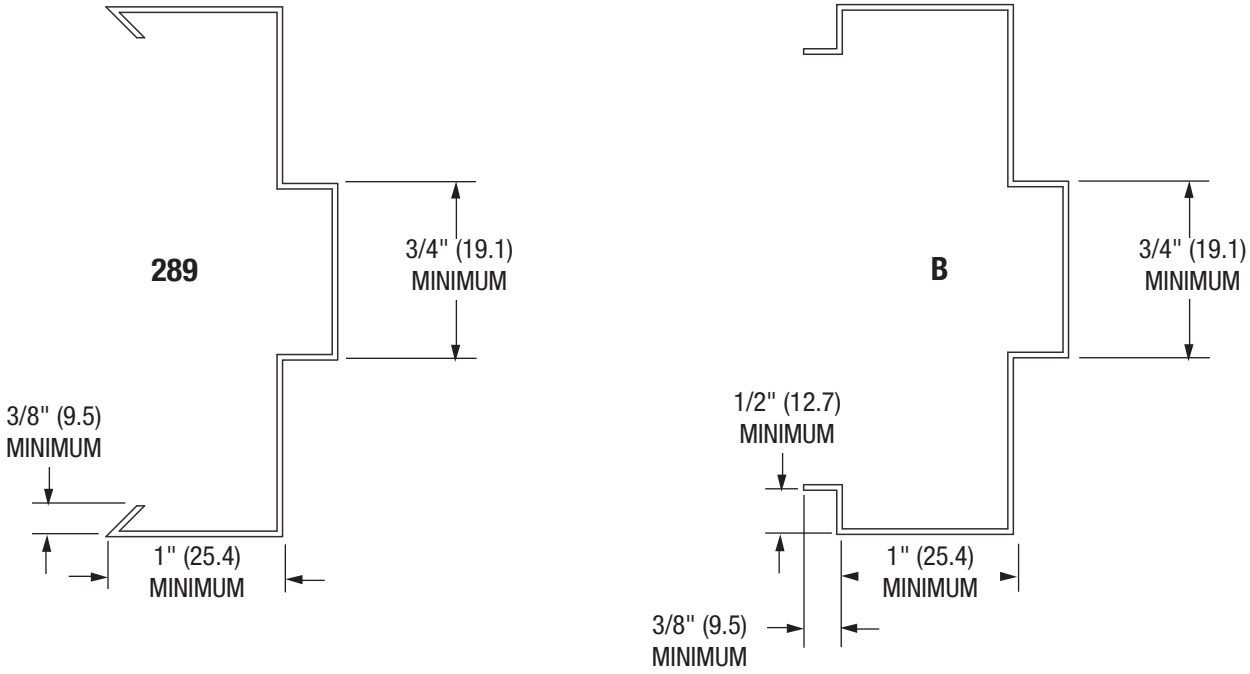




NOTE: CURRIES HOLLOW METAL FRAMES HAVE DOUBLE SHIPPING SPREADER BARS WELDED ON THE BOTTOM. THE SPREADER BARS MUST BE REMOVED AND A SETTING SPREADER USED FOR FINAL INSTALLATION. A COLD CHISEL AND HAMMER ARE RECOMMENDED TOOLS TO USE TO REMOVE THESE. THE FRAME INSTALLER ASSUMES ALL RESPONSIBILITY FOR PLUMB FRAME INSTALLATION.

L

CONTACT FACTORY FOR CAPABILITIES



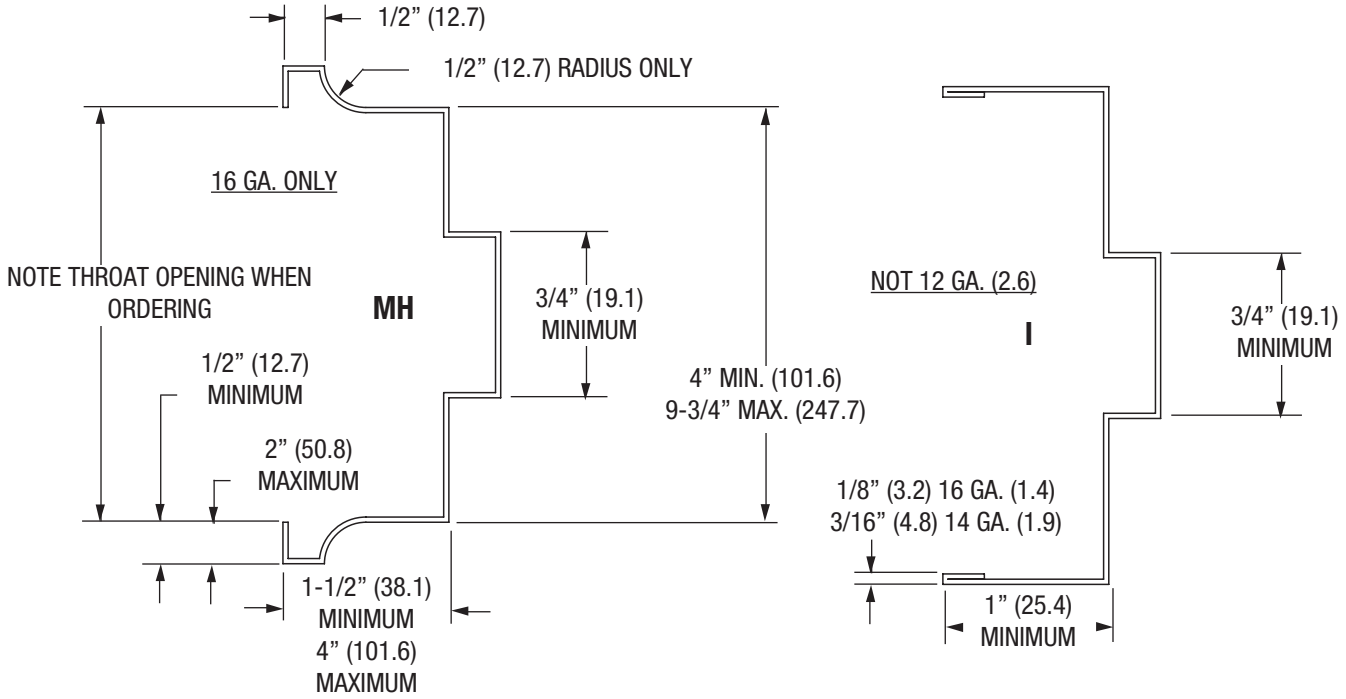
NOTE: FOR 12 GA. (2.6) CONTACT FACTORY

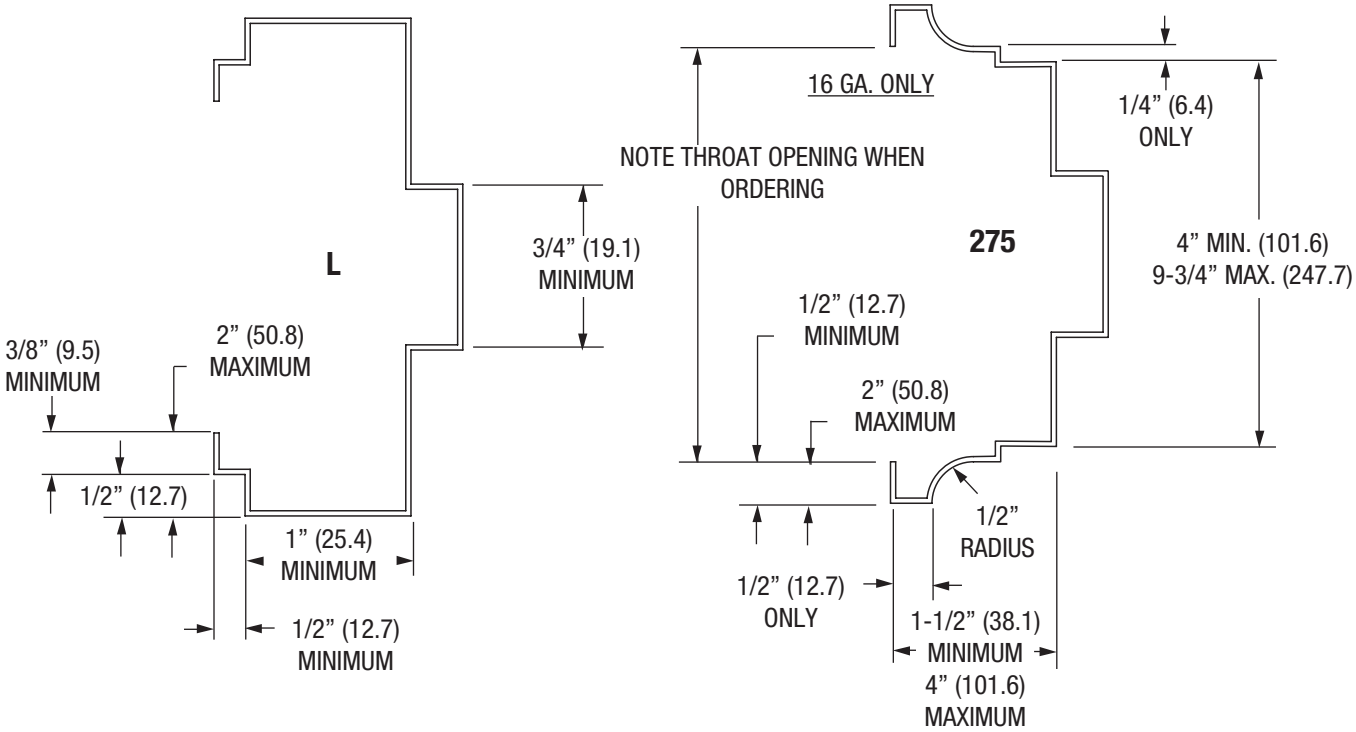
Custom Frame Profiles

Frame Technical Data

February, 2015

L





CURRIES
ASSA ABLOY

Mercury Thermal Break Frame KD Flush Profile

Frame Technical Data

October, 2015

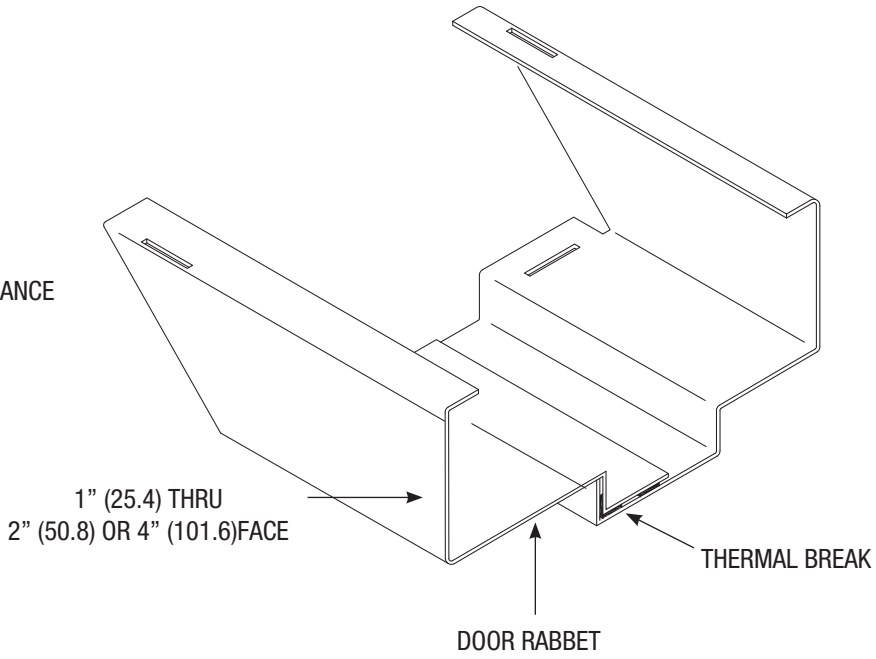
14 GA. (1.9) AND 16 GA. (1.4) GALVANEALED STEEL
5/8" (15.9) HIGH STOP ONLY
KD ONLY (FACE OR FULL WELD)
MAXIMUM KD LENGTH - 8'0" JAMB, 8'0" HEAD
PUNCH FOR SILENCERS NOT AVAILABLE

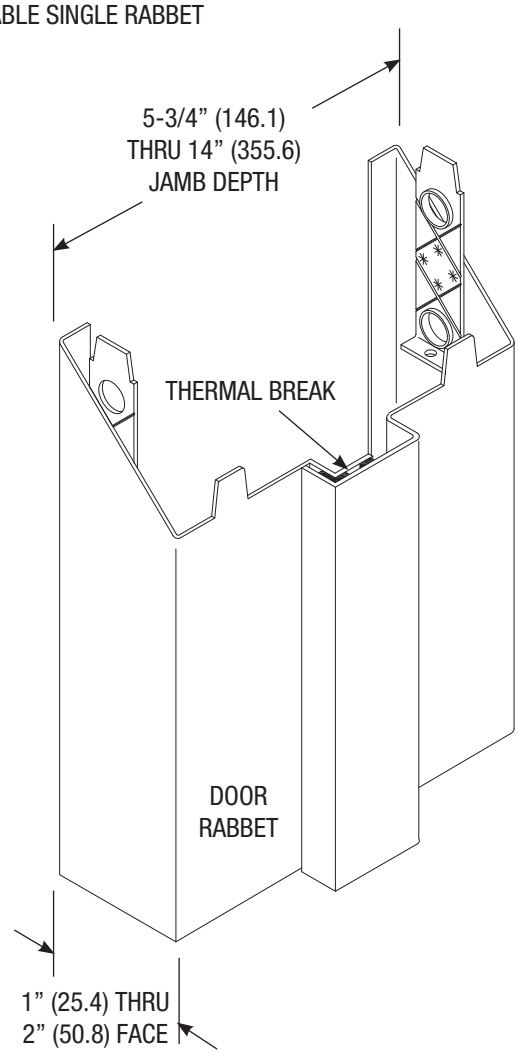
ANCHOR OPTIONS:
- WIRE ANCHOR
- SPLIT BASE ANCHOR
- SPLIT WOODSTUD ANCHOR
- EXISTING WALL ANCHOR

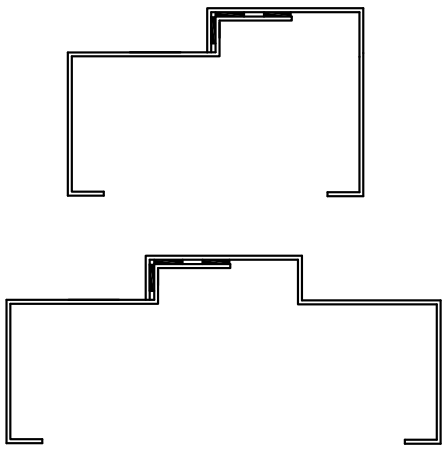
NFRC 102 U VALUE STANDARDIZED THERMAL TRANSMITTANCE
- TRIO-E – 0.41 U VALUE
- FRP – 0.39 U VALUE

NFRC 400 AIR INFILTRATION (CFM/SQ FT)
- TRIO-E – 0.10 INFILTRATION
- FRP – 0.20 INFILTRATION

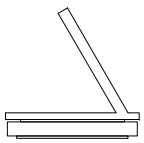
3-3/4" (95.3) THRU 5-5/8" (142.9) JAMB DEPTH
AVAILABLE SINGLE RABBET







PEMKO S44 SHIPS LOOSE WITH FRAME,
TO BE FIELD INSTALLED AFTER FINISH PAINT.



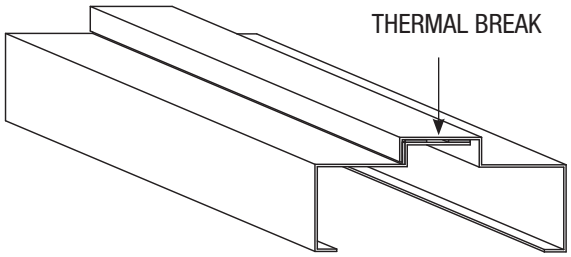
Mercury Thermal Break Frame CCW Stick Components

Frame Technical Data

October, 2015

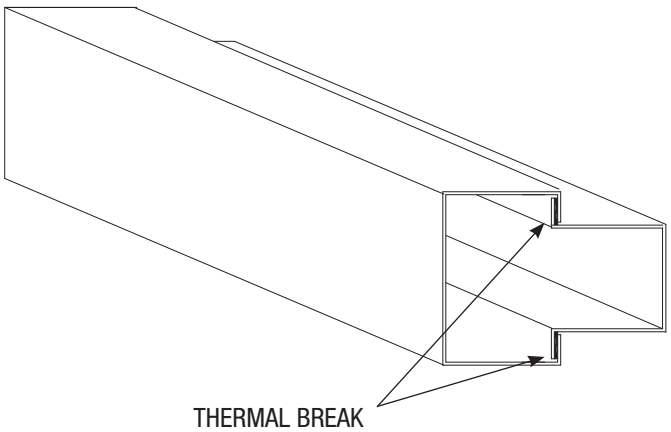
16 GA. (1.4) AND 14 GA. (1.9) GALVANEALED STEEL ONLY
5/8" (15.9) HIGH STOPS ONLY
BUTT END JOINTS ONLY
NOT LABELED

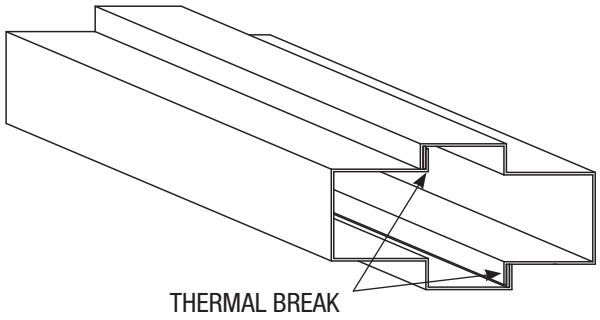
MULLION - 16 GA. (1.4) AND 14 GA. (1.9)
PUNCH FOR SILENCERS NOT AVAILABLE.



5-3/4" (146.1)
THRU 14" (355.6)
JAMB DEPTH

3-3/4" (95.3) THRU
5-5/8" (142.9) JAMB
DEPTH AVAILABLE
SINGLE RABBET



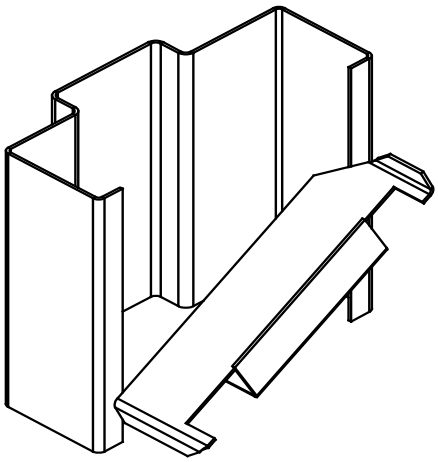


Steel Channel Anchor Installation

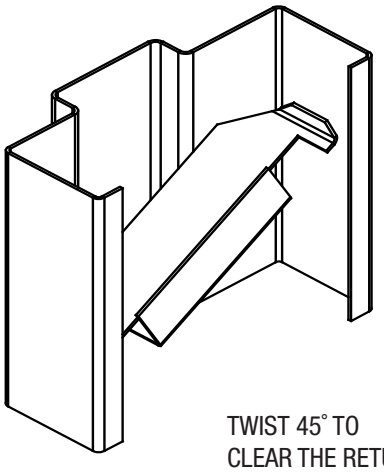
Frame Technical Data

November, 2014

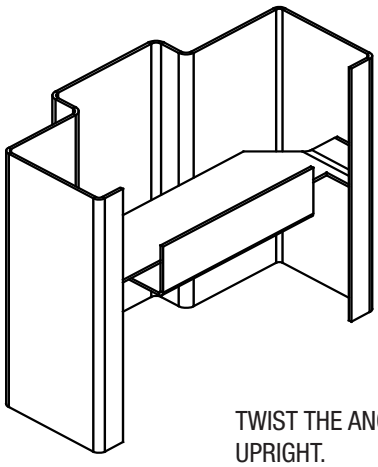
L



ROTATE ANCHOR 45°
TO CLEAR RETURNS.
SLIDE INTO PROFILE.

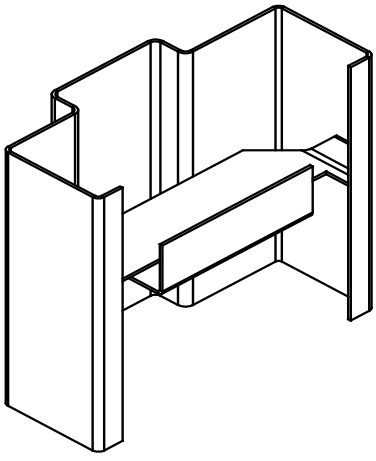


TWIST 45° TO
CLEAR THE RETURNS.

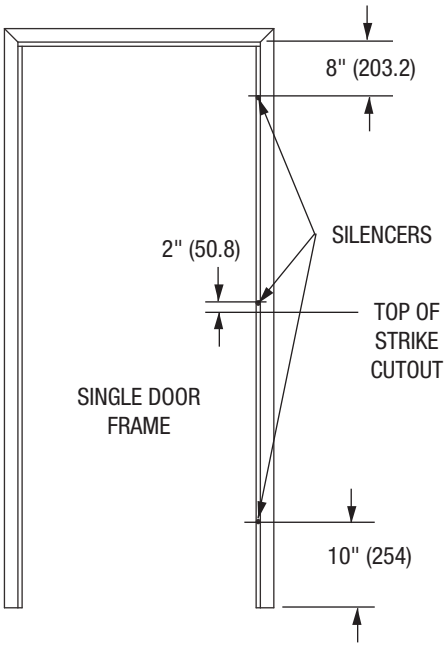


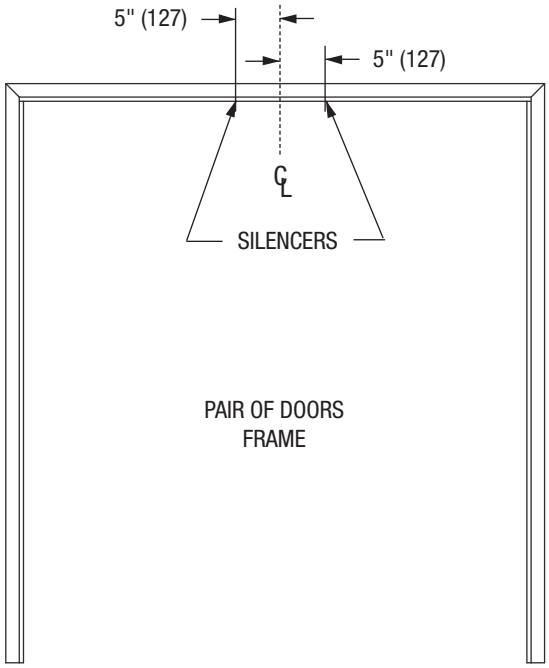
TWIST THE ANCHOR
UPRIGHT.

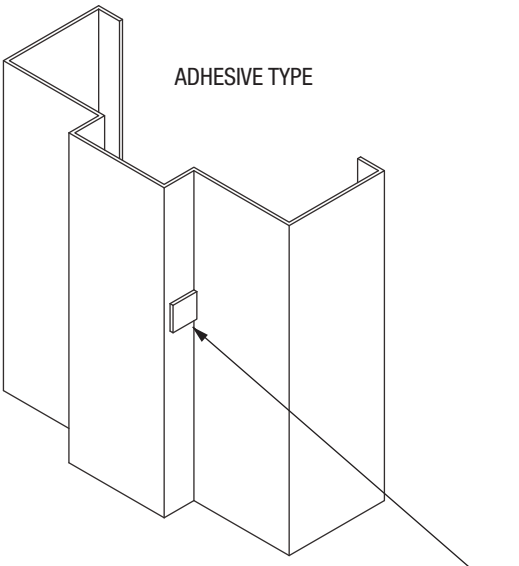
ROTATE THE
ANCHOR CLOCKWISE TO
TIGHTEN IN THE
PROFILE.

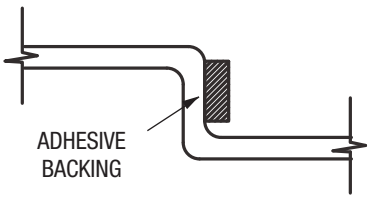


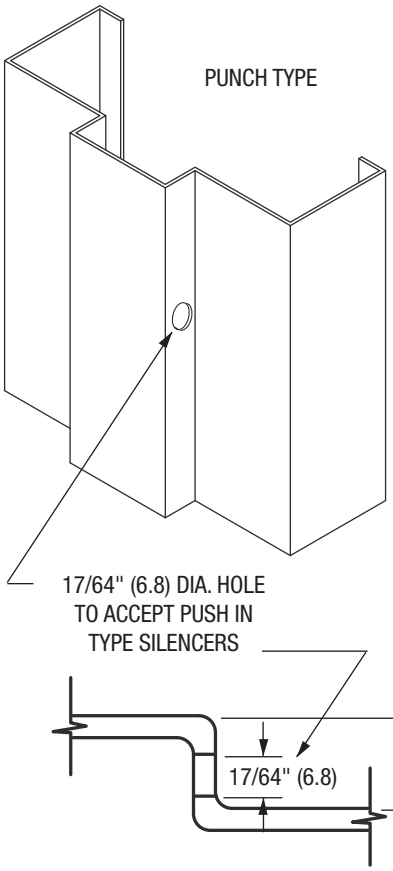
ROTATE TO GET THE
ANCHOR LEGS
UNDER THE PROFILE RETURNS.


8" (203.2)
SILENCERS
2" (50.8)
TOP OF
STRIKE
CUTOUT
SINGLE DOOR
FRAME
10" (254)


5" (127)
5" (127)
℄
SILENCERS
PAIR OF DOORS
FRAME


ADHESIVE TYPE
ADHESIVE BACKED SILENCERS
FIELD APPLIED AFTER FINISH PAINTING

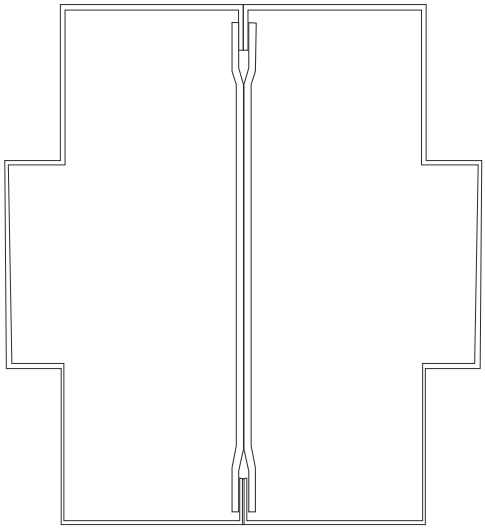

ADHESIVE
BACKING


PUNCH TYPE
17/64" (6.8) DIA. HOLE
TO ACCEPT PUSH IN
TYPE SILENCERS
17/64" (6.8)
5/8" (15.9)

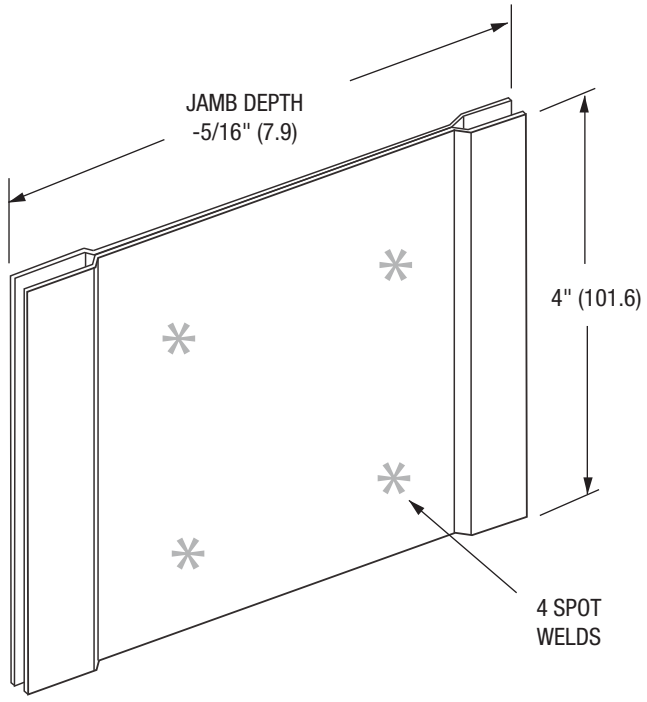
Loose Spline Sleeve

Frame Technical Data

September, 2003



PART #P200
16 (1.4) GA.



16 GA. (1.4)

PART #P200

CURRIES
ASSA ABLOY

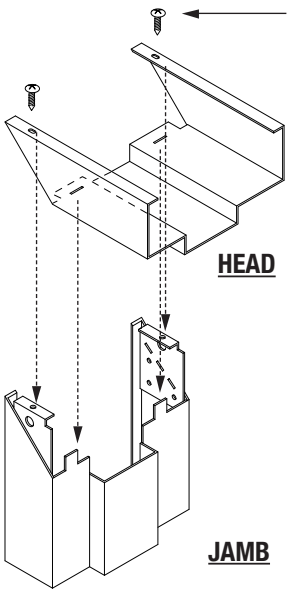
KD Frame Assembly Instructions

Frame Technical Data

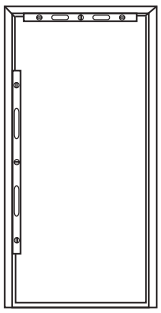
September, 2011

MASONRY FRAMES, THERMAL BREAK, AND CURRISEAL FOR MASONRY, METAL STUD, AND WOOD STD WALLS

Assembly of Frame



Plumbing of Frame

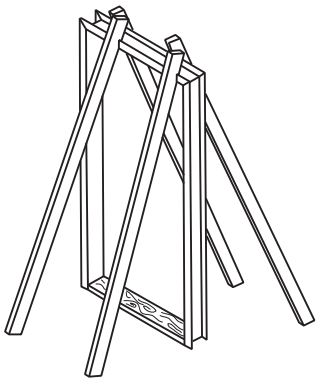


Squaring the Frame
The installer should use wood spreaders (as described below), a carpenters level (the longer the better), and a full size carpenters square. Set the frame in the desired location. Level head and plumb jambs. Shim under jambs if necessary.

Spreader
Typical wood spreader must be square and made from lumber at least 1" thick. Length of spreader equals door opening width at the head. Cut clearance notches for frame stops as shown. Spreader must be nearly as wide as frame depth for accurate installation.

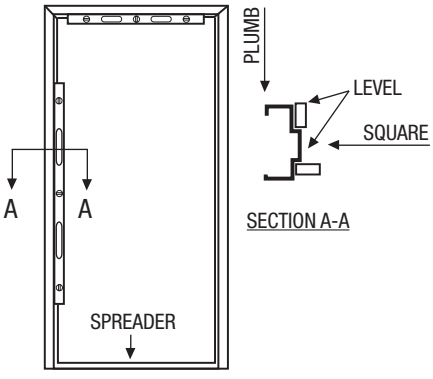
Job Storage
Store frames off the ground on wood runners or skids. Do not store directly on the ground. Cover frames with tarpaulin or plastic but do insure that adequate ventilation is provided to eliminate moisture condensation. When frames are to be fully grouted and when plaster or mortar contain "anti-freeze" agents, the inside of the frames should be coated with a bituminous, water-resistant paint by the installation contractor.

BRACING FRAMES BEFORE WALL CONSTRUCTION FOR KD AND WELDED FRAMES



Bracing the frame
Brace the frame as shown or shore to a structure above. Brace in the direction of intended wall. Plumb and square jambs. Install vertical brace to support header for openings over 4'0" wide.

NOTE ON WELDED FRAMES:
Shipping bars should NOT be used as spreader. Remove shipping bar before setting frame.



Plumbing the frame
The contractor should be equipped with a carpenter level, square and spreader. Set the frame in desired location and level the header. Square jambs to header. Shim under jambs if necessary. With frame in place, set spreader and fasten jambs to floor through floor anchors.

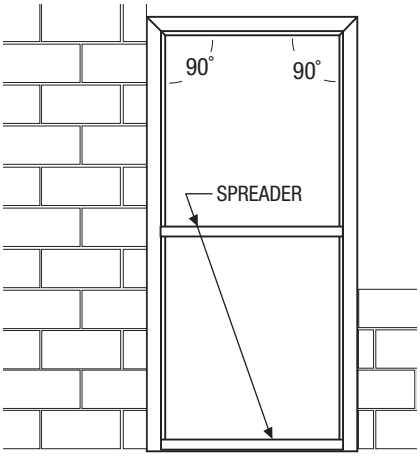
Spreader
Typical wood spreader must be square and fabricated from lumber no less than 1" thick. Correct length is the door opening width between the jambs at the header (i.e., Single Door 3'0" = 36"). Cut clearance notches for frame stops. Spreader must be nearly as wide as frame depth for accurate installation.

KD Frame Assembly Instructions

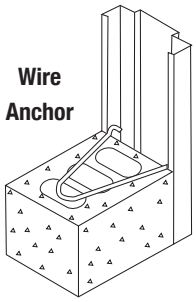
Frame Technical Data

September, 2011

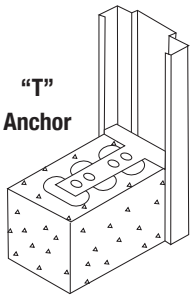
NEW MASONRY CONSTRUCTION FOR KD AND WELDED FRAMES



1. Assemble frame.
2. Set brace and plumb frame.
3. Install anchors. Grout frame in the area of the anchors as block courses are laid up. Frames may also be supplied with anchors welded in place.
4. A second spreader is recommended at the mid point of the door opening to maintain the door opening dimension.
5. Continually check plumb and square as wall progresses.



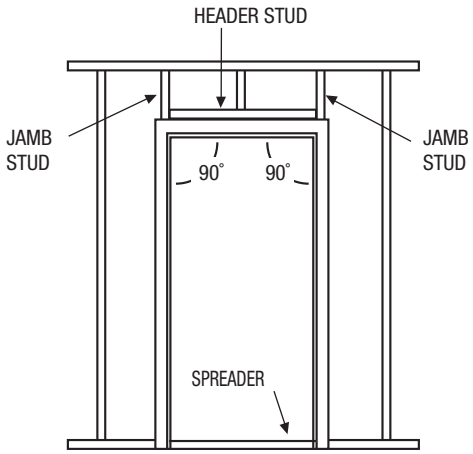
NOTE: Anchors in frame heads are not required.



Existing Masonry Construction

1. Drill (4) 9/16" diameter holes evenly spaced in each jamb for 3/8" expansion shell anchors. Install multipurpose anchor at each 9/16" hole.
2. Assemble 3 frame pieces flat on floor. Install (4) #8 x 1/2" sheet metal screws (included) at corners of head to each jamb (required for Underwriters Laboratories fire rating). Locate removable spacing bar at base of frame to maintain proper opening width during installation.
3. Position assembled frame in opening. Plumb and level the frame. Shim frame as required.
4. Anchor frame to wall with 3/8" expansion shell anchors, shimming behind anchors as needed.

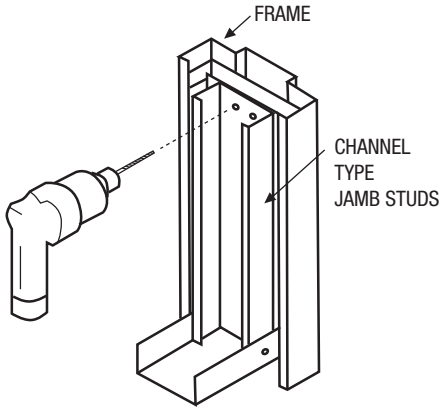
STEEL STUD WALL CONSTRUCTION WITH FLUSH OR RECESS TYPE ANCHORS FOR KD AND WELDED FRAMES



Elevation

1. Assemble frame.
2. Install anchors. Position anchors in frame through the throat and tap in with a hammer. Frames may also be supplied with anchors welded in place.
3. Square, brace and plumb frame as shown.
4. Set spreader. Attach jambs to floor through floor anchor or floor extension. Install jamb studs to floor and ceiling runners and tightly against frame anchors.
5. Attach studs to frame anchors as shown below.

NOTE: Drywall must extend at least 1/2" into frame at fire rated installations.



Channel type steel stud

Position studs in frame throat and attach to anchors with screws or weld. If using screws, the installer should drill from the back side of the stud, through both the stud and anchor, then attach with (2) screws per anchor location.

NOTE: When attaching header stud to jamb studs, be sure the stud is above frame header. This will assure ample room for attaching plaster lath or drywall and will not interfere with installation of hardware attached to frame header. Anchors are not required in frame heads, except fire listed double egress openings.

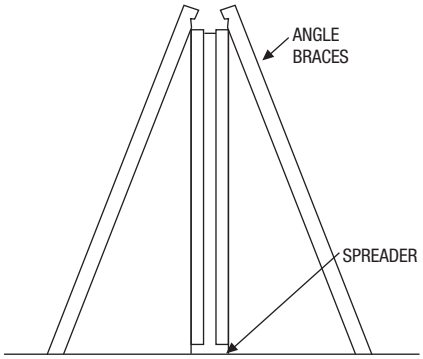
CURRIES
ASSA ABLOY

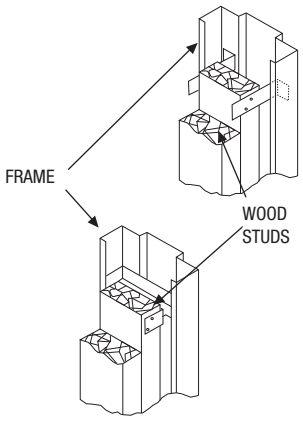
KD Frame Assembly Installation

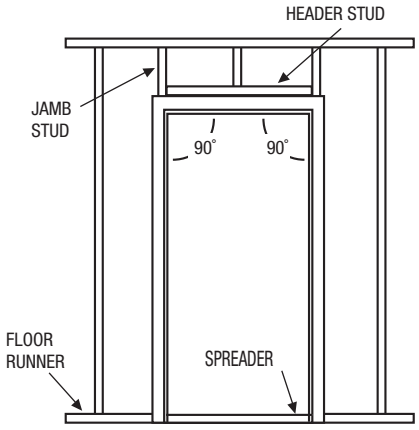
Frame Technical Data

September, 2011

WOOD STUD CONSTRUCTION FOR KD AND WELDED FRAMES







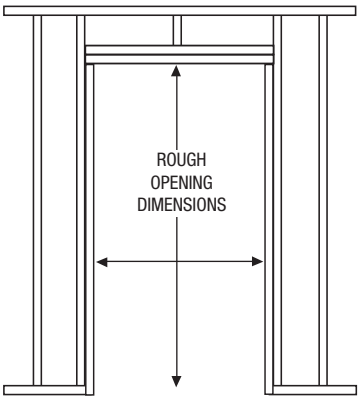
Erect frame

Assemble frame. Stand frame up in desired location. Anchor one jamb to floor and set spreader on floor from anchored jamb to loose jamb. Plumb, level, and square frame. Position and anchor second jamb, then brace.

NOTE: Drywall must extend at least 1/2" into frame at fire rated installations.

1. Install anchors. Position anchors in frame throat and tap in with a hammer. Frames may also be supplied with anchors welded in place.
2. Set spreader. Attach jambs to floor through floor anchor or floor extension. Install double jamb studs to floor and ceiling runners and header.
3. Bend anchor tabs around stud leaving desired clearance between frame return and stud for inserting finished wall material.
4. Square and nail top anchor to stud on ONE JAMB ONLY. Check plumb and square and continue to nail balance of anchors to stud. Repeat for opposite jamb.
5. Anchors are not required in frame heads, except fire listed double egress openings.

WOOD STUD CONSTRUCTION (STUDS ERECTED BEFORE FRAME)

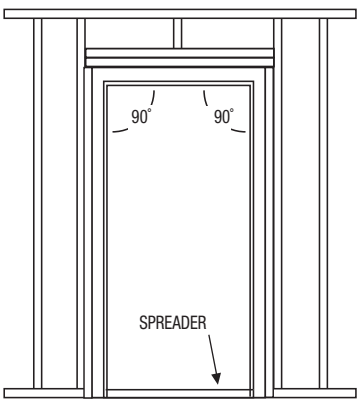


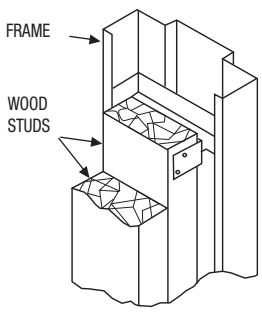
Rough opening

Build rough opening. Rough opening dimensions for 2" face frames should be 4-1/4" - 4-1/2" larger than door width and 2-1/4" - 2-1/2" larger than door height. It is recommended that double studs be used at jambs and headers.

NOTE: Drywall must extend at least 1/2" into frame at fire rated installations.

1. Assemble frame.
2. Install anchors. Position anchors in frame throat and tap in with a hammer. Frames may also be supplied with anchors welded in place. Base anchors may also be used. If base anchor cannot be used add one anchor per jamb at bottom.
3. Place frame in rough stud opening.
4. Bend anchor tabs around stud leaving desired clearance between frame return and stud for inserting finished wall material.
5. Set spreader and level frame. Shim jambs if necessary.
6. Square and nail top anchor to stud on ONE JAMB ONLY. Check plumb and square and continue to nail balance of anchors to stud. Repeat for opposite jamb.
7. Anchors are not required in frame heads, except fire listed double egress openings.

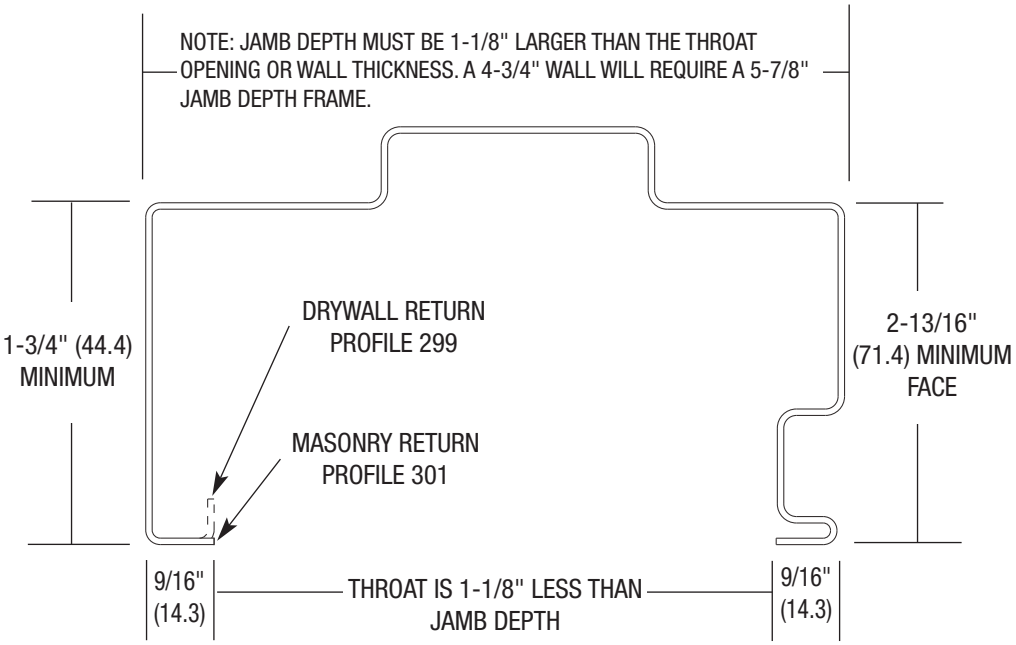


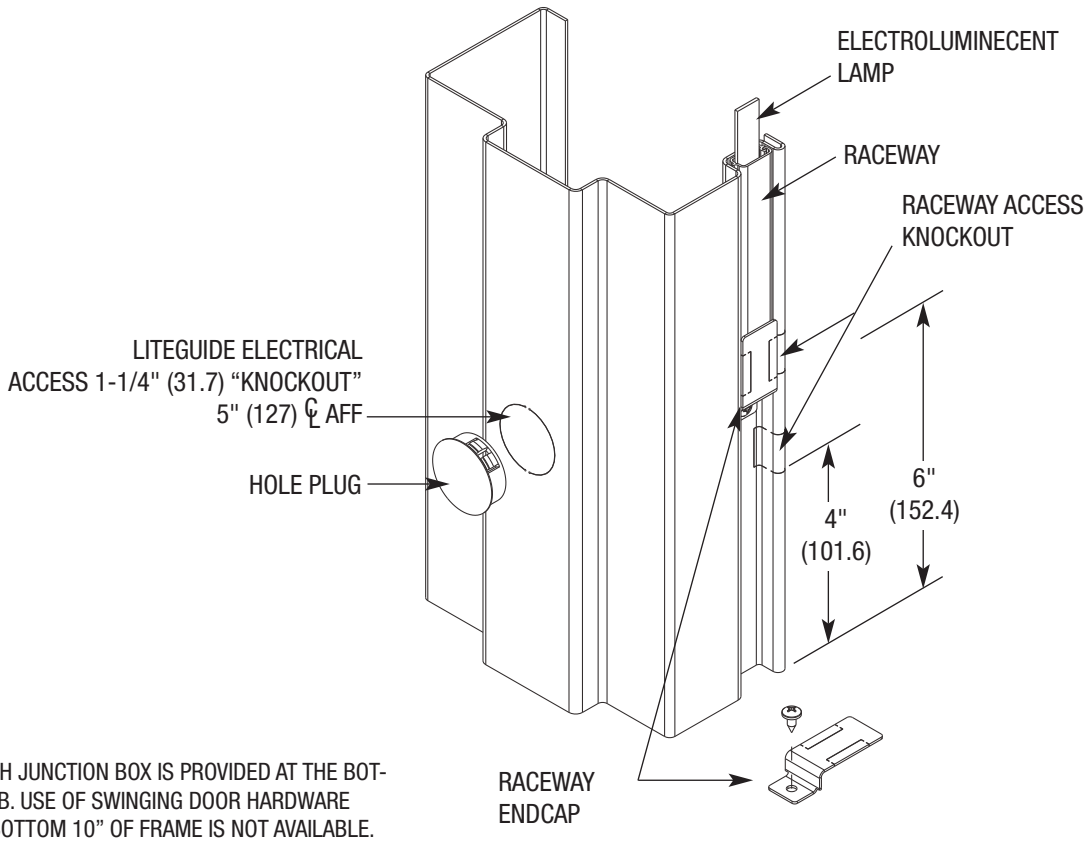


CURRIElum Emergency Egress Frame

Frame Technical Data

March, 2005





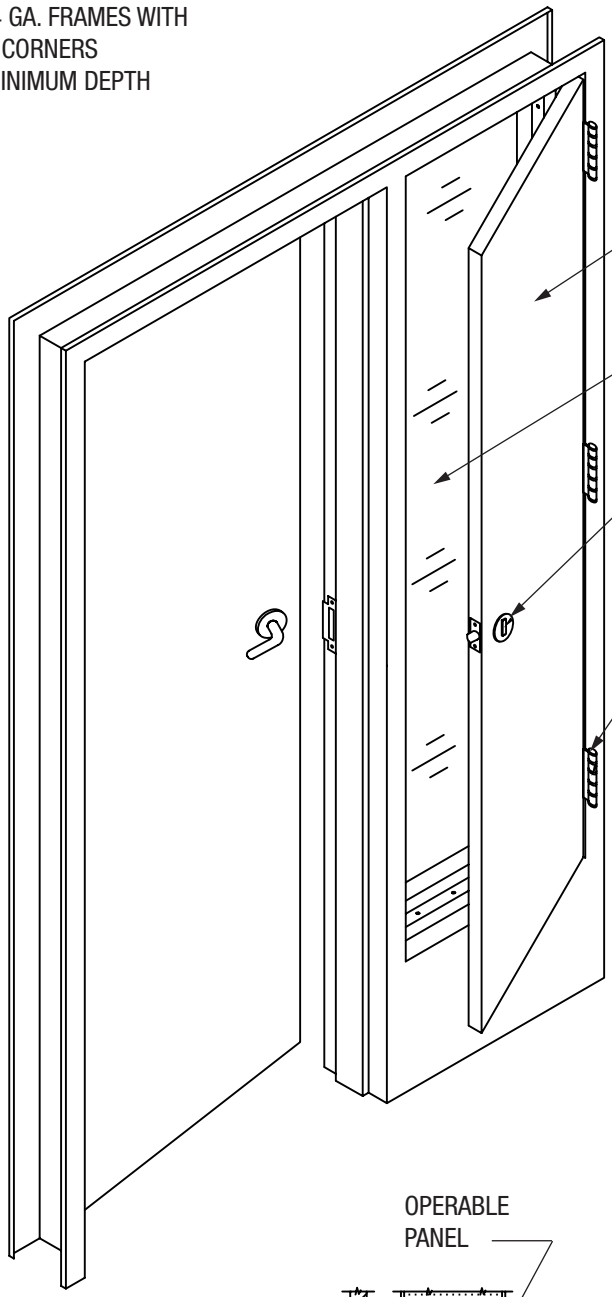
NOTE: A FULL WIDTH JUNCTION BOX IS PROVIDED AT THE BOTTOM OF EACH JAMB. USE OF SWINGING DOOR HARDWARE MOUNTED IN THE BOTTOM 10" OF FRAME IS NOT AVAILABLE. HOLE PLUG AND ENDCAPS ARE SHIPPED LOOSE.

Security Sidelite Door Construction

Frame Technical Data

March, 2007

16 OR 14 GA. FRAMES WITH
WELDED CORNERS
6-3/4" MINIMUM DEPTH



FEATURES:

HINGED SECURITY PANEL CLOSES TO CREATE A VISUAL BARRIER

GLASS POCKETS AVAILABLE FOR UP TO 1" THICK GLASS

PREPARED FOR SELF LATCHING DEADBOLT TO MEET PROJECT REQUIREMENTS

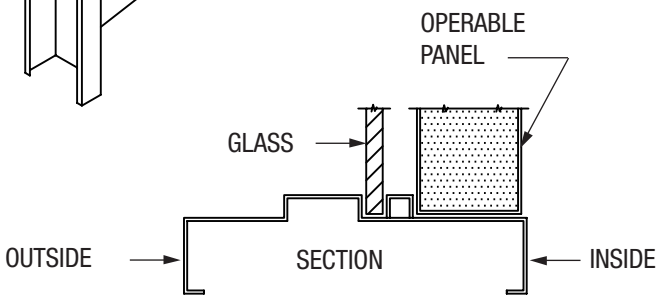
STANDARD 4-1/2" X .134 HINGE PREPARATIONS

OPTIONS:

AVAILABLE WITH MASONRY AND STUD WALL ANCHORS

FIRE RATING:
WARNOCK HERSEY
3/4 HOUR RATING.
(1-1/2 HOUR WITH SPECIALTY GLAZING)

USES:
- CLASSROOMS
- POST OFFICES
- GOVERNMENT FACILITIES
- AIRPORTS



Transom Frame Removable Panel Installation

Frame Technical Data

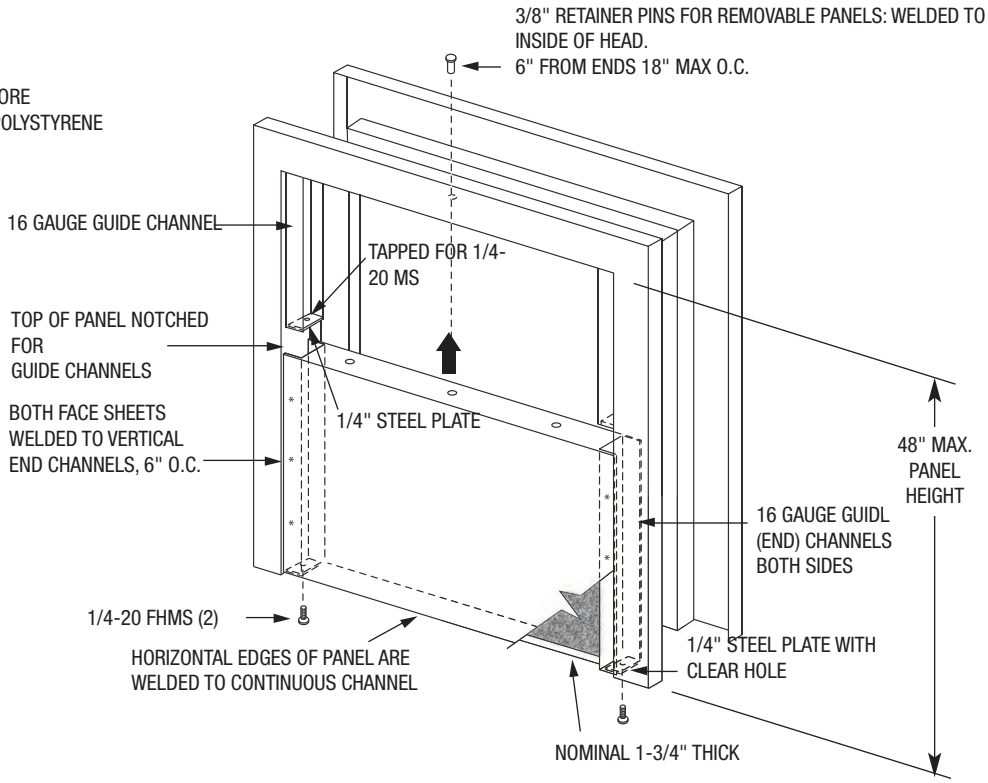
April, 2012

L

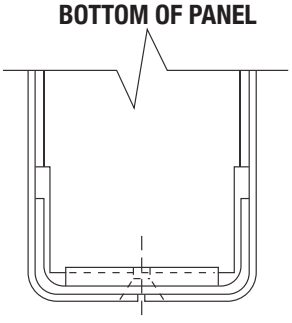
HORIZONTAL ASTRAGAL REQUIRED.

PANEL -
RATED - HONEYCOMB AND MINERAL CORE
NON-RATED - STEEL STIFFENED AND POLYSTYRENE

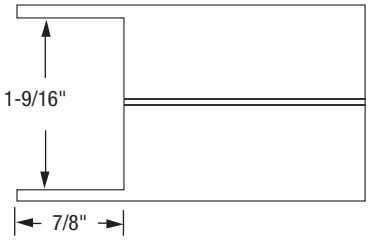
FRAME -
3 HR MAX. RATING
11'4" MAX. HEIGHT
4' MAX. WIDTH SINGLE
8' MAX. WIDTH PAIR

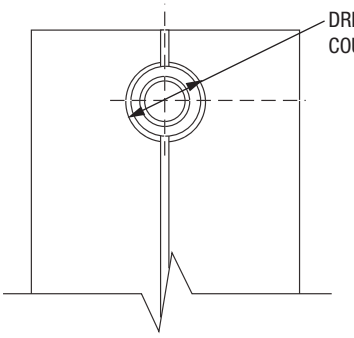


BOTTOM OF PANEL



TOP OF PANEL





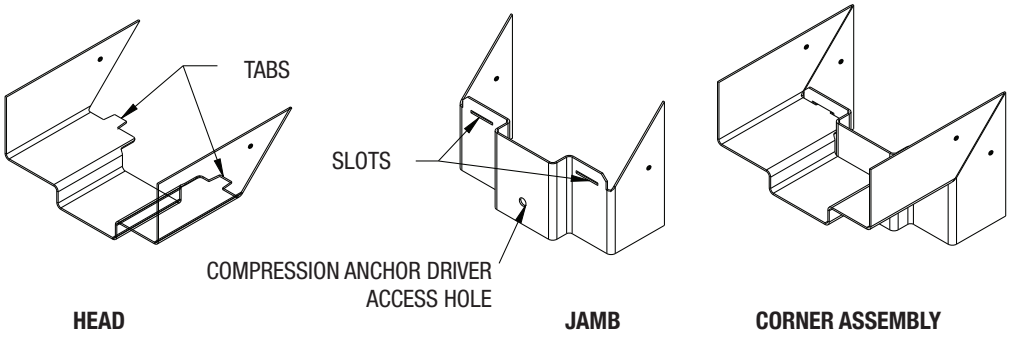
NOTE: PANEL AND TRANSOM FRAME REQUIRE SPECIAL CONSTRUCTION. MUST BE INDICATED ON BOTH DOOR AND FRAME ORDER.

CURRIES
ASSA ABLOY

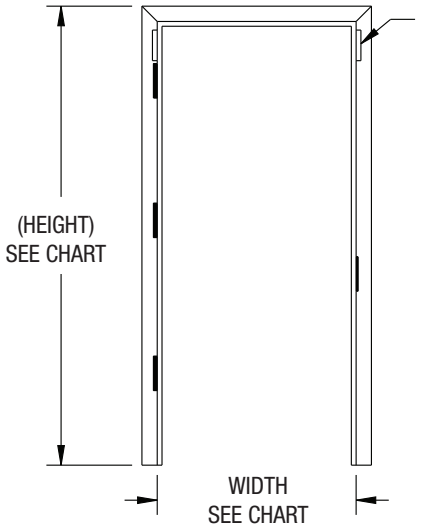
Slip-on "N" Profile Door Frame

Frame Technical Data

January, 2013



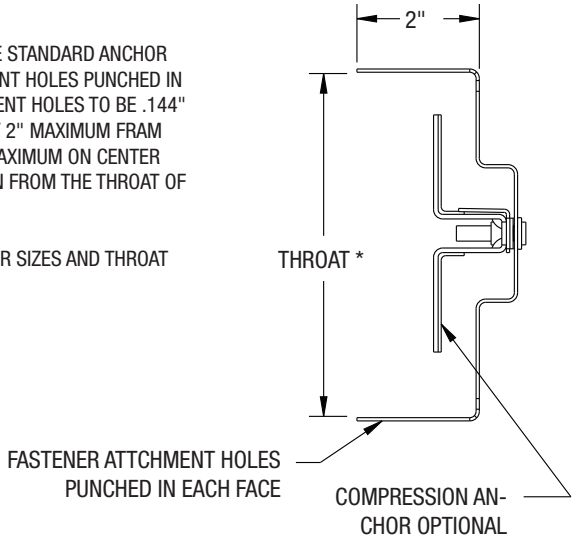
N PROFILE STANDARD WILL BE COMPRESSION ANCHORS AND NAIL HOLES ON BOTH SIDES.
NM PROFILE WILL NOT HAVE COMPRESSION ANCHORS. ANCHORS (WELDED IN ONLY) AND NAIL HOLES NEED TO BE SPECIFIED.



FRAME MAY HAVE ONE STANDARD ANCHOR PER JAMB. ATTACHMENT HOLES PUNCHED IN EACH FACE. ATTACHMENT HOLES TO BE .144" MINIMUM LOCATED AT 2" MAXIMUM FRAM EACH END AND 16" MAXIMUM ON CENTER AND 1/2" MAXIMUM IN FROM THE THROAT OF THE FRAME.

SEE CHART BELOW FOR SIZES AND THROAT DIMENSIONS.

* ORDER USING JAMB DEPTH
JAMB DEPTH = THROAT DIMENSION +1/8



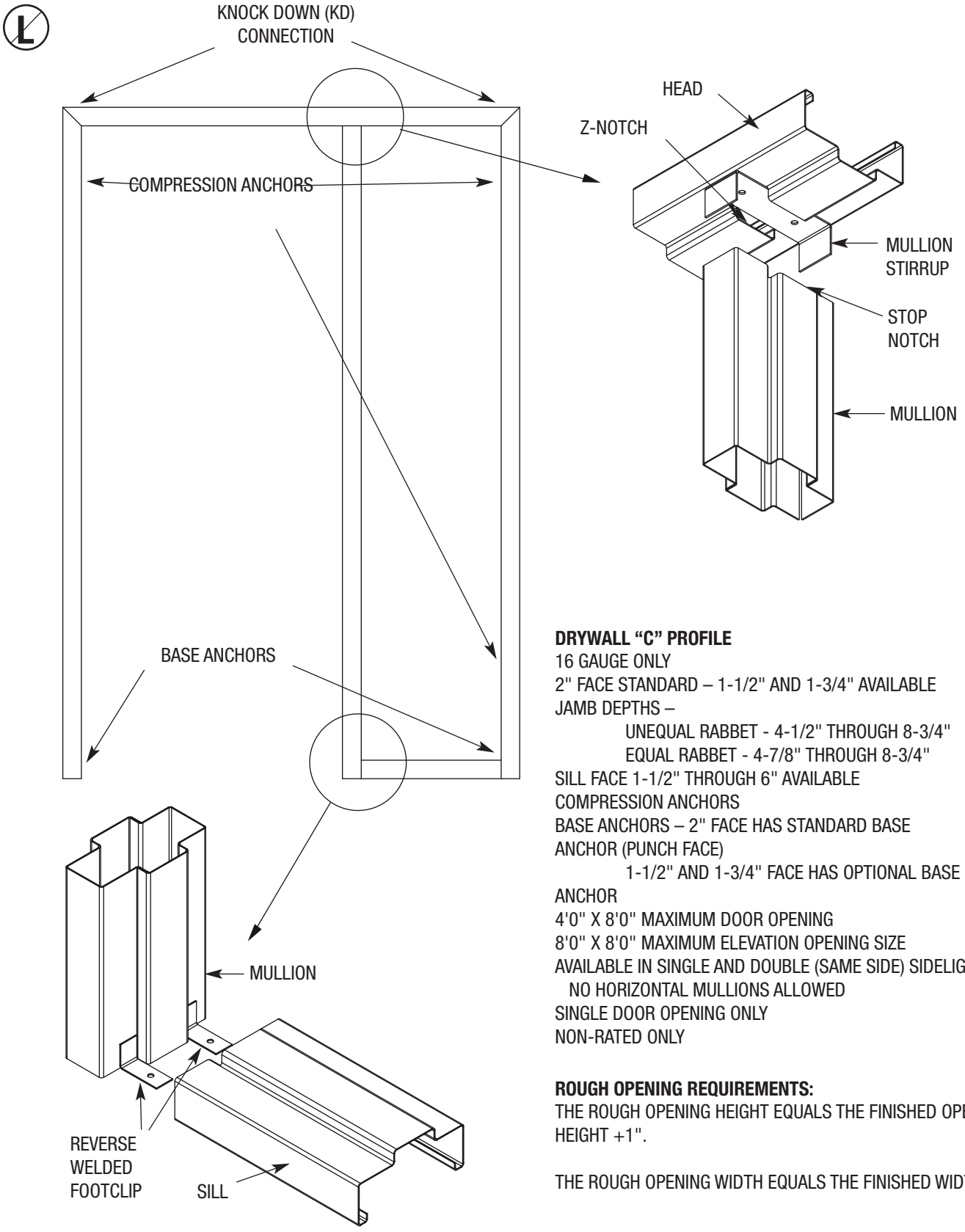
GAUGE OF STEEL	RABBETS	JAMB DEPTH		FRAME RATING					
				20 MINUTE		3/4 HOUR		1-1/2 HOUR	
		MIN.	MAX.	MAX. SINGLE	MAX. PAIR	MAX. SINGLE	MAX. PAIR	MAX. SINGLE	MAX. PAIR
18	SINGLE	4-1/8"	5"	4070	8070	4070	8070	3070	6070
	DOUBLE	4"	13"					4070	8070
14 AND 16	SINGLE	4-1/8"	5"	4090	8090	4090	8090	3070	6070
	DOUBLE	4"	13"					4090	8090

FIRE LABEL NOTES:
WOOD TRIM SHALL BE APPLIED TO FRAME FACES WITH A FIRE LISTED CONTACT ADHESIVE AND /OR FAST CAP 2P-10 ADHESIVE. WOOD TRIM MUST BE HELD BACK FROM THE CORNER OF THE FRAME FACE (CLOSEST TO THE DOOR RABBET) APPROXIMATELY 1/4" - 3/8" .

Drywall KD SideLight

Frame Technical Data

May, 2012



DRYWALL "C" PROFILE
16 GAUGE ONLY
2" FACE STANDARD – 1-1/2" AND 1-3/4" AVAILABLE
JAMB DEPTHS –
UNEQUAL RABBET - 4-1/2" THROUGH 8-3/4"
EQUAL RABBET - 4-7/8" THROUGH 8-3/4"
SILL FACE 1-1/2" THROUGH 6" AVAILABLE
COMPRESSION ANCHORS
BASE ANCHORS – 2" FACE HAS STANDARD BASE ANCHOR (PUNCH FACE)
1-1/2" AND 1-3/4" FACE HAS OPTIONAL BASE ANCHOR
4'0" X 8'0" MAXIMUM DOOR OPENING
8'0" X 8'0" MAXIMUM ELEVATION OPENING SIZE
AVAILABLE IN SINGLE AND DOUBLE (SAME SIDE) SIDELIGHT
NO HORIZONTAL MULLIONS ALLOWED
SINGLE DOOR OPENING ONLY
NON-RATED ONLY

ROUGH OPENING REQUIREMENTS:
THE ROUGH OPENING HEIGHT EQUALS THE FINISHED OPENING HEIGHT +1".

THE ROUGH OPENING WIDTH EQUALS THE FINISHED WIDTH +2".

ElectroLynx® System LX Options

Frame Technical Data

April, 2011

"Hardwiring Made Easy"

The CURRIES LX cable is equipped with the ElectroLynx® System of "plug-in" connectors for fast, easy, connection to similarly equipped ASSA ABLOY Hardware. The LX cable has 15 conductors of 22 gauge wire in a PVC jacket, with ElectroLynx snap connectors on the hardware prep end only. Ship loose only. Power over Ethernet (PoE) cabels are also available.

– Check anchor interference with conduit, some loose anchor styles won't work.
– Some electric preps won't allow 1/2" drywall penetration for fire rated frames.
– Conduit is to be supplied and installed by others.

CURRIES Tech Manual
General Information
Revised June 2013

CURRIES
ASSA ABLOY

Index

Architectural Technical Data

November, 2010

CURRIES
ASSA ABLOY

SDI Technical Documents

Architectural Technical Data

June, 2013

SDI Technical Documents

The following is a list of the current Technical Documents available from the Steel Door Institute. All of these documents are contained in the SDI Fact File, and are for the first time available to download for free. The listed prices are for ordering hard copies, available individually in any quantity.

To download any of these documents for free go to SDI's website at: www.steeldoor.org/html/tech.html

What Is The SDI?

A 4-page brochure discussing the Institute, its organization, structure and its activities.

SDI The Standard Steel Door and Frame Story

This document provides an overview of the products of the industry and general information concerning standard steel doors and frames.

SDI-108-10 Recommended Selection and Usage Guide for Standard Steel Doors

This document was developed to establish guide criteria for the selection and usage of 1-3/4" and 1-3/8" standard steel doors in such building types as apartment, dormitory, hotel/motel, hospital/nursing home, industrial, office and school.

SDI-110-09 Standard Steel Doors and Frames for Modular Masonry Construction

This document contains information in respect to, as the title indicates, the installation of standard steel doors and frames in modular masonry construction. The basic module covered in the document as developed by the industry is 4".

SDI-111-09 (Series) Recommended Selection & Usage Guide for Standard Steel Doors, Frames and Accessories

111-A Recommended Standard Steel Door Details

Covers recommended steel door frame details as they are affected by common wall conditions.

111-B Recommended Standard Details for Dutch Doors

111-C Recommended Louver Details for Standard Steel Doors

This document discusses, explains and details a variety of louver designs and size available for standard steel doors

111-D Recommended Door, Frame and Hardware Schedule for Standard Steel Doors and Frames

Contains a suggested door, frame and hardware schedule form and defines "handing".

111-E Recommended Guidelines for the Use of Gasketing and Thresholds for Standard Steel Doors and Frames

Contains details which represent the recommendations of the SDI in respect to weather-stripping of standard steel doors and frames.

111-F Recommended Existing Wall Anchors for Standard Steel Doors and Frames

A guide for architects to aid them in recognizing available options to the traditional sub buck detail which has been widely used in the past. It illustrates anchoring systems which are available in regular and labeled frames.

111-G Recommended Standard Preparation for Double Type (Interconnected) Locks on Standard Steel Doors and Frames

Dimensions for standard door and frame preparation for double type (interconnected) locks.

111-H High Frequency Hinge Preparations for Frames

Specifications for steel frames used in extremely high frequency or high use areas which need to be supplied with additional reinforcing to eliminate potential door sag.

SDI-112-08 Zinc-Coated (Galvanized/Galvannealed) Standard Steel Doors and Frames

This document provides information regarding the galvanized sheet used in standard steel door and frame construction when a requirement for galvanized doors and frames is specified.

SDI-113-13 Standard Practice for Determining the Steady State Thermal Transmittance of Steel Door and Frame Assemblies

This document establishes a minimum standard and a method of test for thermal effectiveness of steel door and frame assemblies under circumstances that might reasonably be considered normal field applications and conditions.

SDI-117-09 Manufacturing Tolerances for Standard Steel Doors and Frames

This document is intended to furnish users and prospective users of standard steel doors and frames with practical information regarding mortise and manufacturing tolerances for both doors and frames.

SDI Technical Documents (continued)

Architectural Technical Data

June, 2013

SDI-118-12 Basic Fire Door, Fire Door Frame, Transom/Sidelight Frame, and Window Frame Requirements
This document contains rules and other information in a condensed and simplified manner in respect to code requirements for the design and use of fire doors.

SDI-122-07 Installation and Troubleshooting Guide for Standard Steel Doors and Frames
This document covers field installation problems most commonly experienced with standard steel door and frame installations. Most problems encountered are because of inappropriate application of the products and/or improper installation.

SDI-124-11 Maintenance of Standard Steel Doors and Frames
This document is intended to serve as a general outline of maintenance activities needed for hollow metal doors and frames. It should be noted that the door and frame are virtually maintenance free. Maintenance will be, for the most part, associated with accessories and hardware attached to the door and frame.

SDI-127 Series - Industry Alerts (A through L)

127-A End Closure

127-B Door Edge Cutouts

127-C Frame Cutout Limits

127-D Electric Strikes in Stud Walls

127-E Prime Painted Materials Alert

127-F Butted Frames Rough Opening Sizes

127-G Environmental Considerations Relating to Factory Painted Steel Doors and Frames

127-H Water Penetration

127-I Grouting Frames in Drywall

127-J Bituminous Back-Coating of Frames

127-K Improper Wedges as Hold-Opens

127-L Buyer Beware: Steel Doors with Lead-Based Primer

SDI-128-09 Guidelines for Acoustical Performance of Standard Steel Doors and Frames
This document shall provide guidelines for the specifying, designing, installing, and adjusting of standard steel doors and frames in Sound Control applications.

SDI-129-12 Hinge and Strike Spacing
A reference of standard locations used in the manufacture of steel door and frames by SDI member companies for a variety of door sizes.

SDI-130-05 Electronic Hinge Preparations
Practical information regarding an acceptable method for preparing frames for 4-1/2" electric hinges. This document will allow frame manufacturers to provide frames prior to having knowledge of the specific electric hinge being used.

SDI-131-10 Accelerated Physical Endurance Test Procedure for Steel Doors
This test procedure provides manufacturers with a method of quickly testing the performance of doors.

ANSI Standards
The SDI has promulgated the following ANSI Standards and Test Methods. All of the SDI Member Companies stress the Performance of Standard Steel Door Products and those products have been tested to meet the acceptance criteria or requirements contained in these standards.

All of theses documents are contained in the SDI Fact File, and are for the first time available to download for free.

To download any of these documents for free go to SDI's website at: www.steeldoor.org/html/ansi.html

A250.3-2007 (R2011) Test Procedure and Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors and Frames
Prescribes the procedure to be followed in the selection of material, chemical preparation, painting, testing, and evaluation of factory applied finish painted steel surfaces for steel doors and frames.

A250.4-2011 Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcing
A standard method of testing the performance of a steel door mounted in a pressed steel or channel iron frame under condition that might be considered an accelerated field operating conditions.

A250.6-2003 (R2009) Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames
Provides users of standard steel doors and frames with practical information regarding accepted design methods for reinforcing, and recommended practices for proper field preparation and installation of builders hardware.

A250.8-2003 (R2008) Recommended Specifications for Standard Steel Doors and Frames (Formerly SDI-100)
This specification for swinging steel doors and frames offers a number of choices in both regular and fire rated door and frame constructions. The user must select from the specification the specific grades of doors and frames that best apply to the project.

This specification covers sizes, types, materials, general construction requirements and finishing of 1-3/4 in extra heavy duty steel doors, 1-3/4 in heavy duty steel doors, 1-3/4 in and 1-3/8 in standard duty steel doors, together with frames and accessories. They are intended to be standard items not subject to variations.

A250.10-1998 (R2011)Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames (R2004)
Procedures for the selection of material, chemical preparation, painting, testing and evaluation of prime painted steel surfaces for steel doors and frames.

A250.11-2012 Recommended Erection Instructions for Steel Frames
This document includes information in respect to storage of frames on the jobsite, grouting and back painting of frames and assembly of frames. It contains instructions in respect to bracing frames before wall construction and the installation of frames in masonry, steel stud wall construction, wood stud wall construction and drywall construction.

A250.13-2008 Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies
This standard provides procedures for testing and establishing load ratings (design load in pounds per square foot or pounds force) for components of exterior swinging door assemblies. It is the intent of this document to test the protection of openings during severe windstorm conditions, such as a hurricane, that produces sustained wind speeds or gusts in a range of 110 to 150 miles per hour as defined by ASCE 7-02. It is not intended to simulate wind forces generated by tornadoes.

CURRIES
ASSA ABLOY

Metric Conversion Guide

Architectural Technical Data

April, 2002

This guide has been prepared to establish metric equivalents for current standard dimensions on CURRIES' doors and frames. It is intended for in-house use at this time. All numbers used have been calculated using a "soft" conversion method. This means that all existing sizes and dimensions remain the same. The dimensions are simply converted to metric numbers. It is unknown at this time whether or not curries' will ever undergo a "hard" metric conversion. This type of conversion involves changing the actual product dimensions to round metric numbers. We have used a conversion factor of 1" = 25.4 mm (exactly). Nominal dimensions are those by which a component is usually identified, i.e. 3070 door. Net dimensions are the actual finished size dimensions of the product, i.e. a 3070 nominal door size is a 35-13/16" x 83-1/4" net door size.

CONVERSION EXAMPLE: Convert a 3070 door and frame to metric dimensions.	
FRAME OPENING WIDTH (NOMINAL):	36" X 25.4 mm = 914.4 mm = 914 mm
FRAME OPENING LENGTH (NOMINAL):	84" X 25.4 mm = 2133.6 mm = 2134 mm
FRAME OPENING WIDTH (NET):	36" X 25.4 mm = 914.4 mm
FRAME OPENING LENGTH (NET):	84" X 25.4 mm = 2133.6 mm
So, the nominal opening size is 914 mm x 2134 mm, and the net opening size is 914.4 mm x 2133.6 mm.	
DOOR WIDTH (NOMINAL):	36" X 25.4 mm = 914.4 mm = 914 mm
DOOR HEIGHT (NOMINAL):	84" X 25.4 mm = 2133.6 mm = 2134 mm
DOOR WIDTH (NET):	3/16" undersize = 3/16" x 25.4 mm = 4.8 mm 36" x 25.4 mm = 914.4 mm – 4.8 mm = 909.6 mm
DOOR HEIGHT (NET):	3/4" UNDERSIZE = 3/4" X 25.4 mm = 19 mm 84" x 25.4 mm = 2133.6 mm – 19 mm = 2114.6 mm
So, the nominal door size is 914 mm x 2134 mm and the net door size is 909.6 mm x 2114.6 mm.	
THE ATTACHED DOCUMENTATION SHOWS NOMINAL AND NET CONVERSIONS FOR:	
Frame Opening Height & Width	Door Height & Width
Stop Heights	Frame Faces
Steel Gauges–Preferred	Door Thickness
Frame Returns	Frame Throat Openings
Frame Jamb Depths (3" – 14-7/8")	

Metric Conversion Guide

Architectural Technical Data

CURRIES
ASSA ABLOY

April, 2002

FRAME OPENING WIDTH		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1'0"	305	304.8
1'2"	356	355.6
1'4"	406	406.4
1'6"	457	457.2
1'8"	508	508
1'10"	559	558.8
2'0"	610	609.6
2'2"	660	660.4
2'4"	711	711.2
2'6"	762	762
2'8"	813	812.8
2'10"	864	863.6
3'0"	914	914.4
3'2"	965	965.2
3'4"	1016	1016
3'6"	1067	1066.8
3'8"	1118	1117.6
3'10"	1168	1168.4
4'0"	1219	1219.2
5'0"	1524	1524
6'0"	1829	1828.8
7'0"	2134	2133.6

DOOR OPENING WIDTH		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
		(NOM.- 3/16" [4.8])
ENGLISH	METRIC	METRIC
1'0"	305	300.0
1'2"	356	350.8
1'4"	406	401.6
1'6"	457	452.4
1'8"	508	503.2
1'10"	559	554.0
2'0"	610	604.8
2'2"	660	655.6
2'4"	711	706.4
2'6"	762	757.2
2'8"	813	808.0
2'10"	864	858.8
3'0"	914	909.6
3'2"	965	960.4
3'4"	1016	1011.2
3'6"	1067	1062.0
3'8"	1118	1112.8
3'10"	1168	1163.6
4'0"	1219	1214.4
5'0"	1524	1519.2
6'0"	1829	1824.0
7'0"	2134	2128.8

FRAME OPENING HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
6'6"	1981	1981.2
6'8"	2032	2032
6'10"	2083	2082.8
7'0"	2134	2133.6
7'2"	2184	2184.4
7'4"	2235	2235.2
7'6"	2286	2286
7'8"	2337	236.8
7'10"	2388	2387.6
8'0"	2438	2438.4

DOOR OPENING HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
		(NOM.- 3/4" [19])
ENGLISH	METRIC	METRIC
6'6"	1981	1962.2
6'8"	2032	2013.0
6'10"	2083	2063.8
7'0"	2134	2114.6
7'2"	2184	2165.5
7'4"	2235	2216.2
7'6"	2286	2267.0
7'8"	2337	2317.8
7'10"	2388	2368.6
8'0"	2438	2419.4

CURRIES
ASSA ABLOY

Metric Conversion Guide

Architectural Technical Data

February, 2010

STOP HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1/2"	12	12.7
5/8"	16	15.9
3/4"	19	19.0
1"	25	25.4
1-1/4"	32	31.7

STEEL GAUGES		
GAUGE	ENGLISH	METRIC
20	.032"	.08
18	.042"	1.1
16	.053"	1.3
14	.067"	1.7
12	.093"	2.4

FRAME RETURNS		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
3/8"	10	9.5
7/16"	11	11.1
1/2"	13	12.7

FRAME FACES		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1"	25	25.4
1-1/4"	32	31.8
1-1/2"	38	38.1
1-3/4"	44	44.5
2"	51	50.8
4"	102	101.6

FRAME FACES			
	NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
GA.	ENGLISH	METRIC	METRIC
20	1-3/4"	45	43.9
18	1-3/4"	45	44.5
16	1-3/4"	45	44.9
14	1-3/4"	45	45.8
20	1-3/8"	35	34.3
18	1-3/8"	35	34.9
16	1-3/8"	35	35.3
14	1-3/8"	35	36.3

FRAME FACES			THROAT OPENING (1/2" RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC	NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
3"	76	76.2	2"	51	50.8
3-1/8"	79	79.4	2-1/8"	54	54.0
3-1/4"	83	82.6	2-1/4"	57	57.2
3-3/8"	86	85.7	2-3/8"	60	60.3
3-1/2"	89	88.9	2-1/2"	64	63.5
3-5/8"	92	92.1	2-5/8"	67	66.7
3-3/4"	96	95.3	2-3/4"	70	69.9
3-7/8"	98	98.4	2-7/8"	73	73.0
4"	102	101.6	3"	76	76.2
4-1/8"	105	104.8	3-1/8"	79	79.4
4-1/4"	108	108.0	3-1/4"	83	82.6
4-3/8"	111	111.1	3-3/8"	86	85.7
4-1/2"	114	114.3	3-1/2"	89	88.9
4-5/8"	118	117.5	3-5/8"	92	92.1
4-3/4"	121	120.7	3-3/4"	96	95.3
4-7/8"	124	123.8	3-7/8"	98	98.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

Metric Conversion Guide

Architectural Technical Data

CURRIES
ASSA ABLOY

April, 2002

JAMB DEPTH				THROAT OPENING (1/2" RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC		NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
5"	127	127.0		4"	102	101.6
5-1/8"	130	130.2		4-1/8"	105	104.8
5-1/4"	133	133.4		4-1/4"	108	108.0
5-3/8"	137	136.5		4-3/8"	111	111.1
5-1/2"	140	139.7		4-1/2"	114	114.3
5-5/8"	143	142.9		4-5/8"	118	117.5
5-3/4"	146	146.1		4-3/4"	121	120.7
5-3/4" *	146	146.1	(7/16" RET)	4-7/8"	124	123.8
5-7/8"	149	149.2		4-7/8"	124	123.8
6"	152	152.4		5"	127	127.0
6-1/8"	156	155.6		5-1/8"	130	130.2
6-1/4"	159	158.8		5-1/4"	133	133.4
6-3/8"	162	161.9		5-3/8"	137	136.5
6-1/2"	165	165.1		5-1/2"	140	139.7
6-5/8"	168	168.3		5-5/8"	143	142.9
6-3/4"	172	171.5		5-3/4"	146	146.1
6-7/8"	175	174.6		5-7/8"	149	149.2
7"	178	177.8		6"	152	152.4
7-1/8"	181	181.0		6-1/8"	156	155.6
7-1/4"	184	184.2		6-1/4"	159	158.8
7-3/8"	187	187.3		6-3/8"	162	161.9
7-1/2"	191	190.5		6-1/2"	165	165.1
7-5/8"	194	193.7		6-5/8"	168	168.3
7-3/4"	197	196.9		6-3/4"	172	171.5
7-7/8"	200	200.0		6-7/8"	175	174.6
8"	203	203.2		7"	178	177.8
8-1/8"	206	206.4		7-1/8"	181	181.0
8-1/4"	210	209.6		7-1/4"	184	184.2
8-3/8"	213	212.7		7-3/8"	187	187.3
8-1/2"	216	215.9		7-1/2"	191	190.5
8-5/8"	219	219.1		7-5/8"	194	193.7
8-3/4"	222	222.3		7-3/4"	197	196.9
8-7/8"	225	225.4		7-7/8"	200	200.0
9"	229	228.6		8"	203	203.2
9-1/8"	232	231.8		8-1/8"	206	206.4
9-1/4"	235	235.0		8-1/4"	210	209.6
9-2/8"	238	238.1		8-3/8"	213	212.7
9-1/2"	241	241.3		8-1/2"	216	215.9
9-5/8"	245	244.5		8-5/8"	219	219.1
9-3/4"	248	247.7		8-3/4"	222	222.3
9-7/8"	251	250.8		8-7/8"	225	225.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

JAMB DEPTH				THROAT OPENING (1/2" RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC		NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
10"	254	254.0		9"	229	228.6
10-1/8"	257	257.2		9-1/8"	232	231.8
10-1/4"	260	260.0		9-1/4"	235	235.0
10-3/8"	264	263.5		9-3/8"	238	238.1
10-1/2"	267	266.7		9-1/2"	241	241.3
10-5/8"	270	269.9		9-5/8"	245	244.5
10-3/4"	273	273.1		9-3/4"	248	247.7
10-7/8"	276	276.2		9-7/8"	251	250.8
11"	279	279.4		10"	254	254.0
11-1/8"	283	282.6		10-1/8"	257	257.2
11-1/4"	286	285.8		10-1/4"	260	260.4
11-3/8"	289	288.9		10-3/8"	264	263.5
11-1/2"	292	292.1		10-1/2"	267	266.7
11-5/8"	295	295.3		10-5/8"	270	269.9
11-3/4"	299	298.5		10-3/4"	273	273.1
11-7/8"	302	301.6		10-7/8"	276	276.2
12"	305	304.8		11"	279	279.4
12-1/8"	308	308.0		11-1/8"	283	282.6
12-1/4"	311	311.2		11-1/4"	286	285.8
12-3/8"	314	314.3		11-3/8"	289	288.9
12-1/2"	318	317.5		11-1/2"	292	292.1
12-5/8"	321	320.7		11-5/8"	295	295.3
12-3/4"	324	323.9		11-3/4"	299	289.5
12-7/8"	327	327.0		11-7/8"	302	301.6
13"	330	330.2		12"	305	304.8
13-1/8"	333	333.4		12-1/8"	308	308.0
13-1/4"	337	336.6		12-1/4"	311	311.2
13-3/8"	340	339.7		12-3/8"	314	314.3
13-1/2"	343	342.9		12-1/2"	318	317.5
13-5/8"	346	346.1		12-5/8"	321	320.7
13-3/4"	349	349.2		12-3/4"	324	323.9
13-7/8"	352	352.4		12-7/8"	327	327.0
14"	356	355.6		13"	330	330.2
14-1/8"	359	358.8		13-1/8"	333	333.4
14-1/4"	362	361.9		13-1/4"	337	336.6
14-3/8"	365	365.1		13-3/8"	340	339.7
14-1/2"	368	368.3		13-1/2"	343	342.9
14-5/8"	371	371.5		13-5/8"	346	346.1
14-3/4"	375	374.6		13-3/4"	349	349.2
14-7/8"	378	377.8		13-7/8"	352	352.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

Recommended Painting Instruction

Architectural Technical Data

November, 2009

FIELD PAINTING:
Steel doors and frames are provided with a primer paint finish that is intended as a preparatory base for field application of a top (finish) coat of paint. The primer paint coat is not designed to be the final layer of protection from environmental elements. It is designed to provide protection to the steel surface during normal storage, shipping, and installation at the jobsite and to provide a uniform base for finish painting. Finish painting is necessary. It is recommended that the finish paint be applied to the door after installation is completed. It is the responsibility of the end user to maintain the integrity of the finish after installation.

Low gloss oil based paints are recommended as finish paint. WE DO NOT RECOMMEND THE USE OF WATER BASED FINISH COATS SUCH AS LATEX, ACRYLIC, POLY-VINYL ACETATE EMULSION FINISHES. However, if any of these materials are used as a finish coat, you should first repaint the door or frame with a primer with rust inhibitors recommended by your paint manufacturer for bare steel. If the door is not re-primed, all scratches and nicks that expose bare steel will develop rust.

USGBC LEED requirements
Under United States Green Building Council LEED credit EQ 4.2, any paints and coatings are limited on the VOC content that can be applied at the jobsite. This may require the painter to use a latex paint for doors and frames. If this is required then it is the responsibility of the painting contractor to re-prime the doors and frames per CURRIES recommendation (see above).

RECOMMENDED PAINTING INSTRUCTIONS:
First repair any dents or scratches which occurred during installation. Sand the primer finish lightly with a very fine sand paper; be sure the surface is clean and dry. Paint with a low gloss oil base trim paint. If the primer has been scratched or damaged so that rusting has occurred, sand lightly with steel wool or fine sandpaper to remove all traces of rust (any rust not removed will eventually become active and bleed through any subsequent top coats.) After all rust has been removed and you are sure the surface is clean, dry, and free of any foreign material, apply a rust inhibitive primer over the entire repair area and then paint the door with a low gloss oil base trim paint.

DENT REPAIR:
Sand to bare metal (including area around dent) with #80 sand paper. Apply two component plastic body filler, mixed as directed on the container, to the depressed area. After filler has cured thoroughly, sand with #100 grit sand paper to a smooth flat surface. Finish sand with 240 or 300 grit sand paper as needed. Be sure surface is clean and dry, and free of any foreign material. Apply a rust inhibitive primer over entire repair area and let dry for 24 hours before finish painting.

SCRATCHES:
Feather scratch to the bare metal with #300 sand paper. Be sure surface is clean, dry, and free of any foreign material. Apply a rust inhibitive primer over entire repair area and let dry for 24 hours before finish painting.

SPECIAL PAINTING NOTE FOR 747, 847, AND 857 DOORS:
The production of steel doors and frames relies on a variety of manufacturing processes including spot welding, projection welding, arc welding ground smooth, grinding, filling, etc. These processes may result in a show-through after application of finished paint. These characteristics are inherent in production and are not to be considered as manufacturing defects.

The show-through characteristics increase as the paint gloss increases. ANSI A250.8 (SDI 100) recommends a maximum paint gloss rating of 20% reflectance, measured using a 60° gloss meter, which should be suitable for most applications. Translucent paints may emphasize show-through characteristics and their use is not recommended.

CURRIES
ASSA ABLOY

Recommended Procedure for Receiving and Storage of Steel Doors and Frames

Architectural Technical Data

Novmber, 2010

DELIVERY AND RECEIVING OF MATERIAL:
Upon delivery, all material shall be thoroughly inspected for damage. Should damaged material be found, the General Contractor has the option of refusing delivery or to accept the material as damaged. Any damaged items should be noted on the freight bill. Claims will not be honored by the freight carrier, unless the damaged items are noted on the freight bill at the time of delivery. The General Contractor must telephone or write the local office of the freight carrier and request an inspection of the damage. The contractor shall contact the hollow metal distributor immediately of any item signed for as damage. This procedure will help to expedite the repair or replacement of the damaged items and the processing of the damage claim with the freight carrier.

Should the General Contractor discover any damage or error in the hollow metal delivered to the job site, it is imperative that the hollow metal distributor be notified before initiating any corrective measure in the field, so that the hollow metal distributor and manufacturer can participate in solving the problem. Failure to do so could result in the cancellation of the warranty and/or fire label. If claim is to be made for any error or deficiency in the hollow metal work itself, it is imperative that the hollow metal distributor be notified before initiating any corrective work in the field.

THE CONTRACTOR RESPONSIBLE FOR INSTALLATION SHALL SEE THAT ANY SCRATCHES OR DISFIGUREMENT CAUSED IN SHIPPING OR HANDLING ARE PROMPTLY CLEANED AND TOUCHED UP WITH A RUST INHIBITIVE PRIMER.

ON SITE STORAGE:
Proper storage of hollow metal work at the construction site will help to prevent damage to the primer coat of paint. Prime coated steel must be protected when exposed to the elements, including high humidity, salt, air, and/or damp wrappings.

Particular attention must, therefore, be given to steel products having a shop coat of prime paint. Because the protective shop coat must be porous to properly receive and hold top coats, water or moisture in contact with primer coated steel will seep through to the steel by capillary action. An electrolytic action then follows, resulting in corrosion and causing the paint film to lose adhesion. The presence of oxygen at the water-air interface behind the loosened paint film accelerates corrosive action and the prime coat further deteriorates. **Even when hot-dip galvanizing is used to provide a corrosion resistant base coat on steel, manufacturers of hollow metal doors have found that one week of product exposure to water, because of improper storage, can be equivalent to at least a year of outdoor exposure to the elements.**

NOTE: Paint manufacturers advise that the primer typically used by hollow metal manufacturers should receive a finish coat of paint within 30 days of delivery. It is the responsibility of the General Contractor to sand, touch up and clean prime painted surfaces prior to finish painting in accordance with the finish paint manufacturer's instructions.

The following procedures should always be observed in storing hollow metal doors and frames at the job site:

1. Store all materials in a dry area, under cover. All ferrous metal products should be stored where they will not be exposed to, or come in contact with water. This is particularly true of products such as doors, which have large flat surfaces on which water may collect if they are stacked horizontally.

2. Do not use non-vented plastic or canvas. These materials create a humidity chamber, which promotes blistering and corrosion.

3. Store doors and welded frames in an upright position with heads uppermost. Figures 1 and 2.

4. Place no more than 5 doors or welded frames in a group. Small groups not only minimize the likelihood of damage due to excess handling, but also facilitate selection from the group for installation. In the case of multi-opening frames, no more than three units should be stored in a group, to avoid serious damage to the bottommost frame.

5. Place all material on planking or blocking at least 4 in. (100 mm) off the ground, 2 in. (50 mm) off a paved area or the floor slab.

6. Provide a least 1/4 in. (6.4 mm) space (wood trip) between all units to permit air circulation.

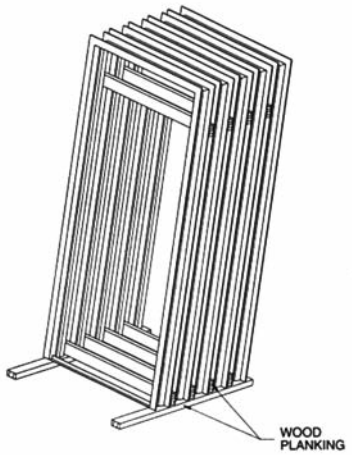


FIGURE 1
FRAME STORAGE

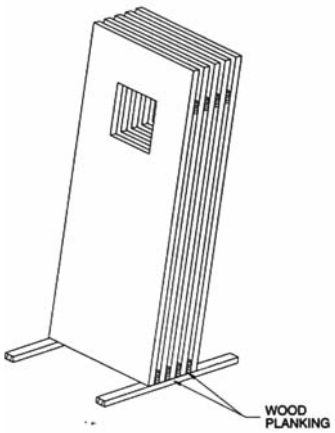


FIGURE 2
DOOR STORAGE

Introduction

Architectural Technical Data

September, 2004

CURRIES has assembled this Product Manual with the intent of answering as many of your questions as possible on these pages. Graphic depictions of actual products are presented. There are five sections in this manual to segregate and simplify the process of finding your answers. The five sections are described below.

CURRIES reserves the right to alter product designs to improve the quality of the product. Specific details contained herein are current as of the printing of this manual and may be changed at any time to enhance the product and/or its marketability.

CURRIES quality system has been ISO 9001 certified by BVQI, an independent registrar. As such, our processes from the design of products and the receipt of orders through the shipping of our doors and frames have been defined and are operated in compliance with the ISO 9001 standard. We believe ISO 9001 certification helps to ensure you receive the right product at the right place at the right time.

Products are warranted against defects in workmanship and materials for a period of one year. A complete detailed warranty may be obtained by contacting the factory.

GENERAL INFORMATION

This section contains a copy of the current product brochure briefly describing the majority of the CURRIES steel doors and frames. We have also included in this section various American National Standards Institute/Steel Door Institute Test Procedures and Acceptance Criteria for steel doors and frames. A copy of CURRIES Steel Doors and Frame Construction Specifications Institute specification sample is also included. A set of metric conversion tables complete this section.

LABEL DOORS AND FRAMES

This section includes door and frame information regarding the products CURRIES manufactures and has obtained fire resistant listings on. A copy of SDI Basic Fire Door Requirements is included for reference in this section. The two most widely recognized agencies, Underwriters Laboratories and Warnock Hersey-Intertek Testing Services, have granted authorities for products listed in this section. These listings include both the UL10B neutral pressure and UL10C positive pressure test methods except as noted otherwise. We have also detailed in this section a UL listed bullet resistant assembly. Note the Frame and Door technical data sections which follow will have each page noted Ⓛ in a circle if it is part of a fire listed assembly or Ⓛ with the X symbol if the product or preparation does not comply. In rare instances a listed product on these pages may or may not be labeled based on the total assembly usage. When in doubt please contact the factory.

FRAME TECHNICAL DATA

Frame details include the wide variety of knocked down (KD) profiles available as well as the custom capabilities CURRIES has maintained throughout its history. The KD M and C series profiles dominate the market requirements and CURRIES has a larger variety of these products available than any other manufacturer. Hardware preparations mortised or reinforced for surface application can be found in detail. Standard published locations for preparations are included.

DOOR TECHNICAL DATA

CURRIES' variety of standard and custom doors feature full perimeter channel construction enhancing the durability of the products as proven by extensive testing. Details of each door series construction are included along with the standard compliant hardware mortise and reinforced preparations available. Standard published locations for preparations are included.

EMBOSSED PANEL DOORS

This "colonial style" door steel pattern is used with our 707 door series utilizing a polystyrene core. Gauge, steel type, and size options are detailed in the section for coordination of hardware applications. Some hardware applications are restricted due to the nature of the embossments and their locations on the face of the door.

CURRIES Division of AADG, Inc.

CURRIES Technical Manual
Panel Door Section

Revised January, 2015

CURRIES
ASSA ABLOY

Index

Panel Door Technical Data

January, 2015

Notes

April, 2002

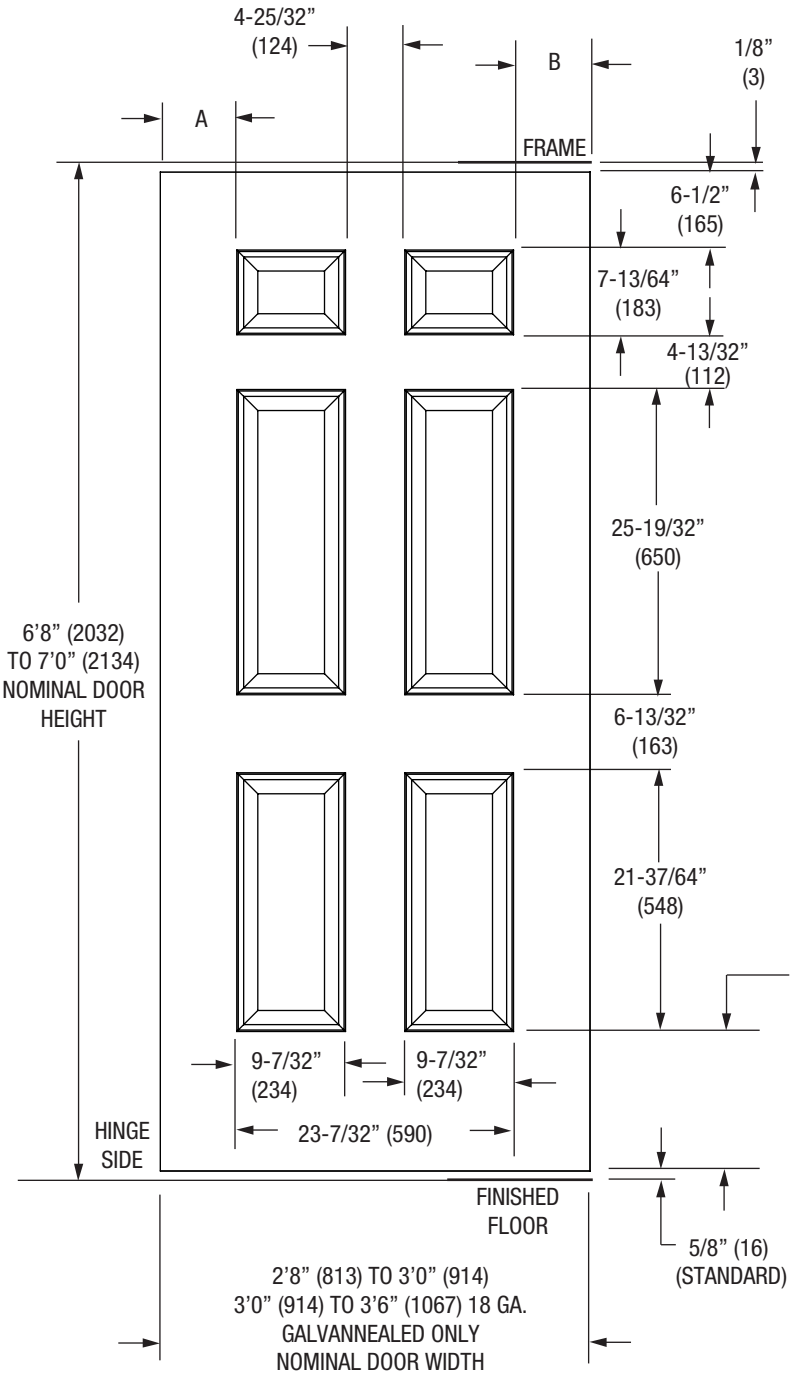
CURRIES
ASSA ABLOY

E6 Panel Door

Panel Door Technical Data

October, 2008

16 GA. (1.2) and 18 GA. (1.2) GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	3-7/32" (92)	5-3/8" (137)
2'10" (864)	5-7/32" (153)	5-3/8" (137)
3'0" (914)	6-19/64" (184)	6-19/64" (184)
3'4" (1016)	8-19/64" (245)	8-19/64" (245)
3'6" (1067)	9-19/64" (275)	9-19/64" (275)

UP TO 3 HR. FIRE RATING

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS. *
PANIC REINF. STANDARDS. *

*VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

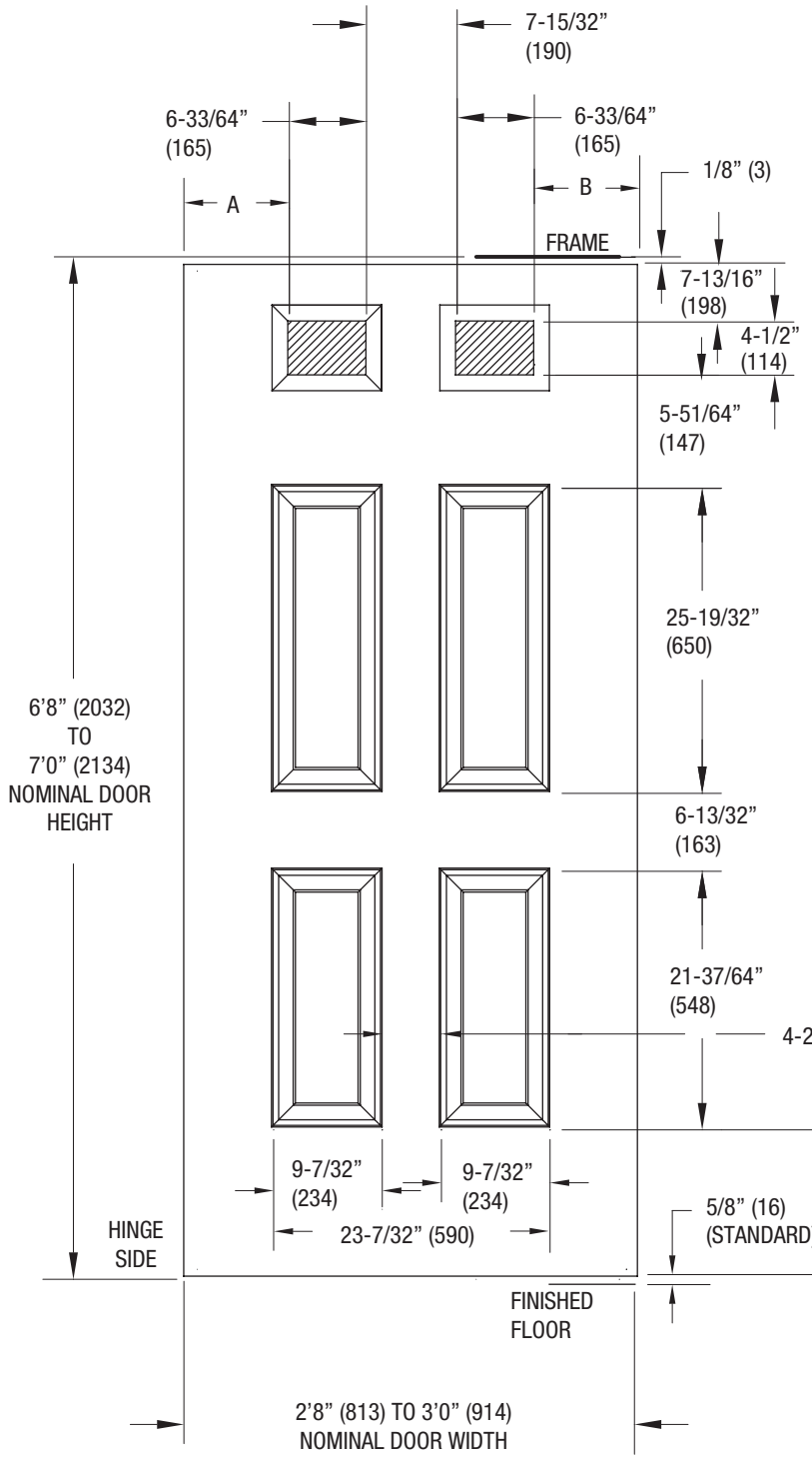
E62TL Panel Door

Panel Door Technical Data

November, 2009

Type 1 & 2
Window Moulding

18 GA. (1.2) GALVANNEALED
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-5/8" (117)	6-11/16" (170)
2'10" (864)	6-5/8" (168)	6-11/16" (170)
3'0" (914)	7-21/32" (194)	7-21/32" (194)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

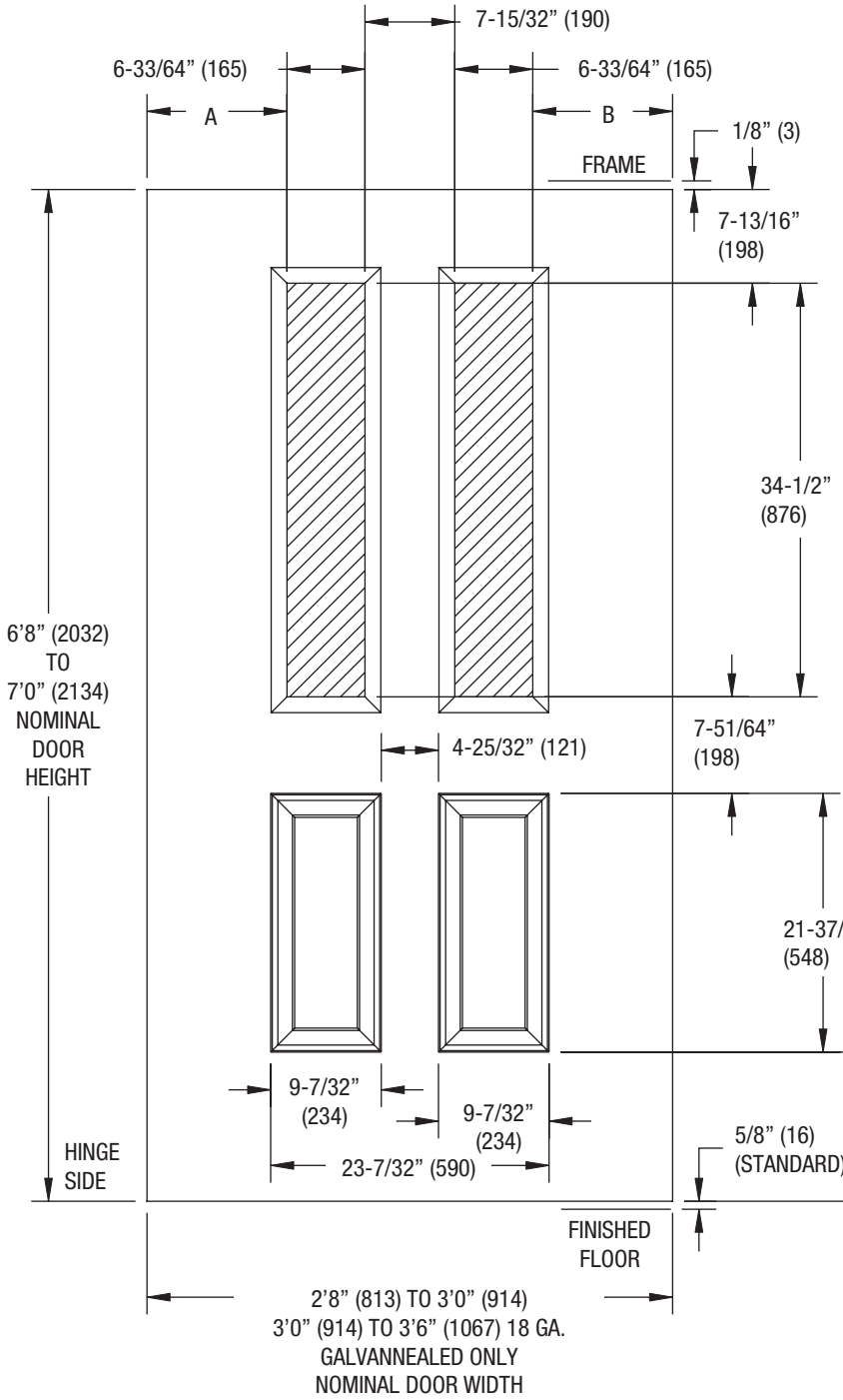
BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

November, 2009

Type 1 & 2
Window Moulding

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM
2'8" (813)	4-5/8" (117)	6-11/16" (170)
2'10" (864)	6-5/8" (168)	6-11/16" (170)
3'0" (914)	7-21/32" (194)	7-21/32" (194)
3'4" (1016)	9-21/32" (245)	9-21/32" (245)
3'6" (1067)	10-21/32" (271)	10-21/32" (271)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

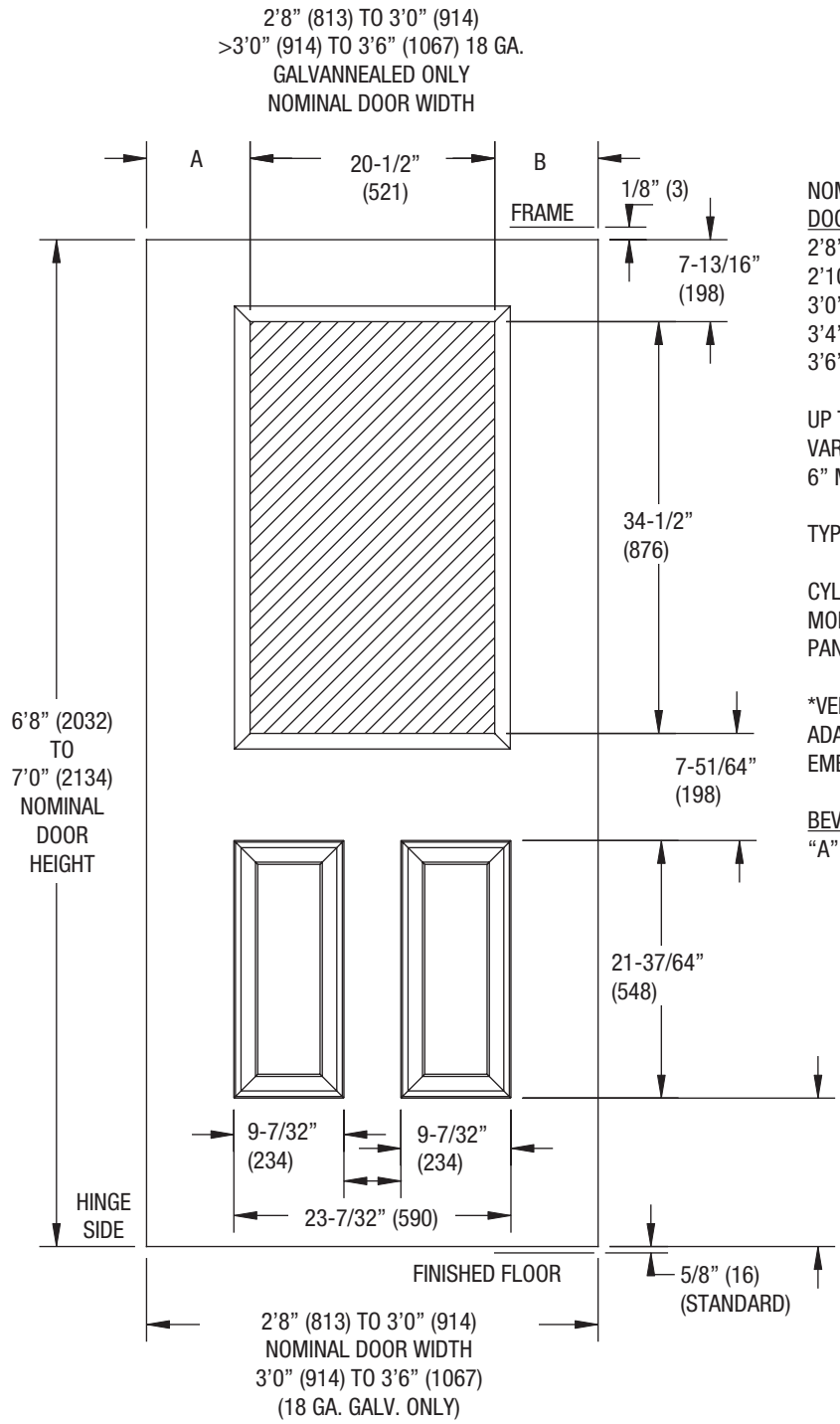
BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

November, 2009

Type 1 & 2 Window Moulding

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-5/8" (117)	6-11/16" (170)
2'10" (864)	6-5/8" (168)	6-11/16" (170)
3'0" (914)	7-21/32" (194)	7-21/32" (194)
3'4" (1016)	9-21/32" (245)	9-21/32" (245)
3'6" (1067)	10-21/32" (271)	10-21/32" (271)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

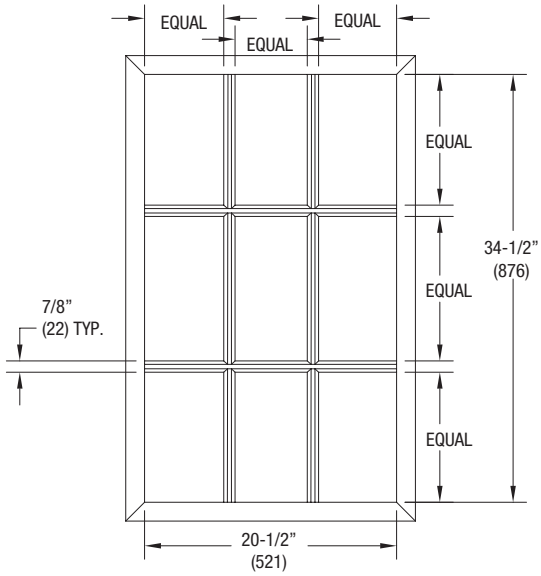
7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

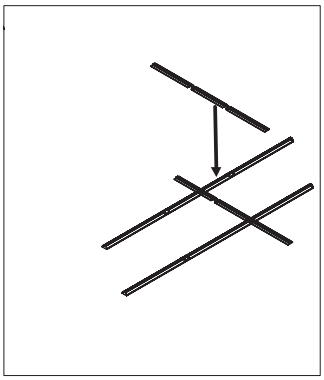
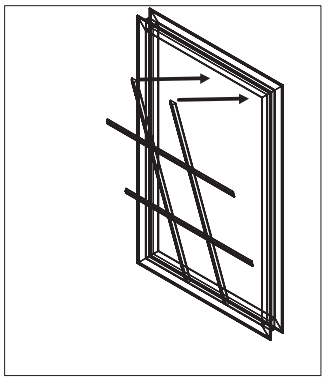
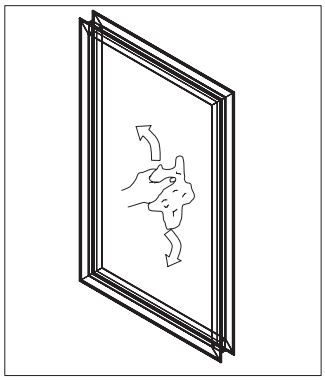
August, 2009

Type 1 & 2
Window Moulding

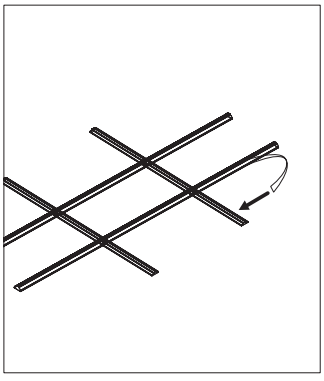
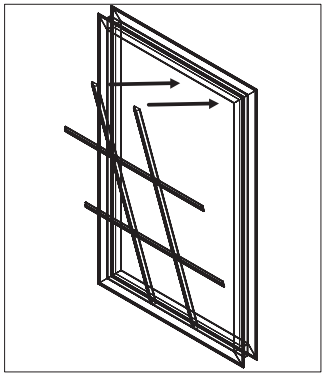
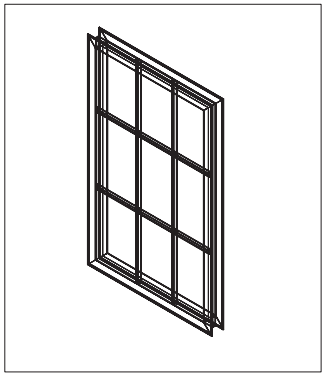
GENERAL NOTES:
- YOU MAY CLEAN THE GLASS WITH A COMMERCIAL GLASS CLEANER, HOWEVER GLASS MUST BE PRIMED WITH RUBBING ALCOHOL PRIOR TO APPLICATION.
- IT IS RECOMMENDED THAT THE INSTALLATION BE COMPLETED IN A CONTROLLED ENVIRONMENT (I.E., A WORKSHOP).
- ONCE THE TAPE CONTACTS THE GLASS, THE GRILLE CANNOT BE REPOSITIONED OR REMOVED.
- DIMENSIONS AND LOCATIONS OF EMBOSSMENTS AND LITE ARE DETAILED ON THE E6HGS TECHNICAL DATA PAGE. MUNTIN KITS ARE PROVIDED AS A SET (FRONT AND BACK) LABELED (WHITE ALUMINUM, MS007013) OR NON-LABELED (WHITE PVC, MS007039)



INSTALLATION PROCEDURE

1) LEAVING THE LINER ON THE TAPE, ASSEMBLE THE GRILLE. CHECK FIT OF THE GRILLE TO THE GLASS.
2) MAKE CERTAIN THAT THE GRILLE LAYS FLAT ON THE GLASS WITH A SLIGHT GAP AT THE ENDS.
3) PRIME THE GLASS BY SPRAYING WITH RUBBING ALCOHOL. WIPE CLEAN WITH A LINT-FREE CLOTH.
4)WAIT ONE TO THREE MINUTES TO ALLOW ANY RESIDUAL MOISTURE TO EVAPORATE.

5) CAREFULLY REMOVE ALL PLASTIC LINERS ON THE TAPE SIDE OF THE GRILLE.
6) POSITION THE GRILLE OVER THE GLASS WITHOUT TOUCHING THE GLASS SURFACE. TWO PEOPLE CAN BETTER ACCOMPLISH THIS POSITIONING, ESPECIALLY WITH LARGER SIZES. REMEMBER, ONCE THE GRILLE MEETS THE GLASS IT CANNOT BE REPOSITIONED.
7) VERY CAREFULLY, LOWER THE GRILLE TO THE GLASS SURFACE.
8) USING A ROLLER, APPLY MODERATE PRESSURE (NO MORE THAN 15 PSI) AND PRESS ALL GRILLE AREAS TO THE GLASS TO IMPROVE ADHESION.
9) REPEAT THE PROCEDURE ON THE OTHER SIDE OF THE GLASS.

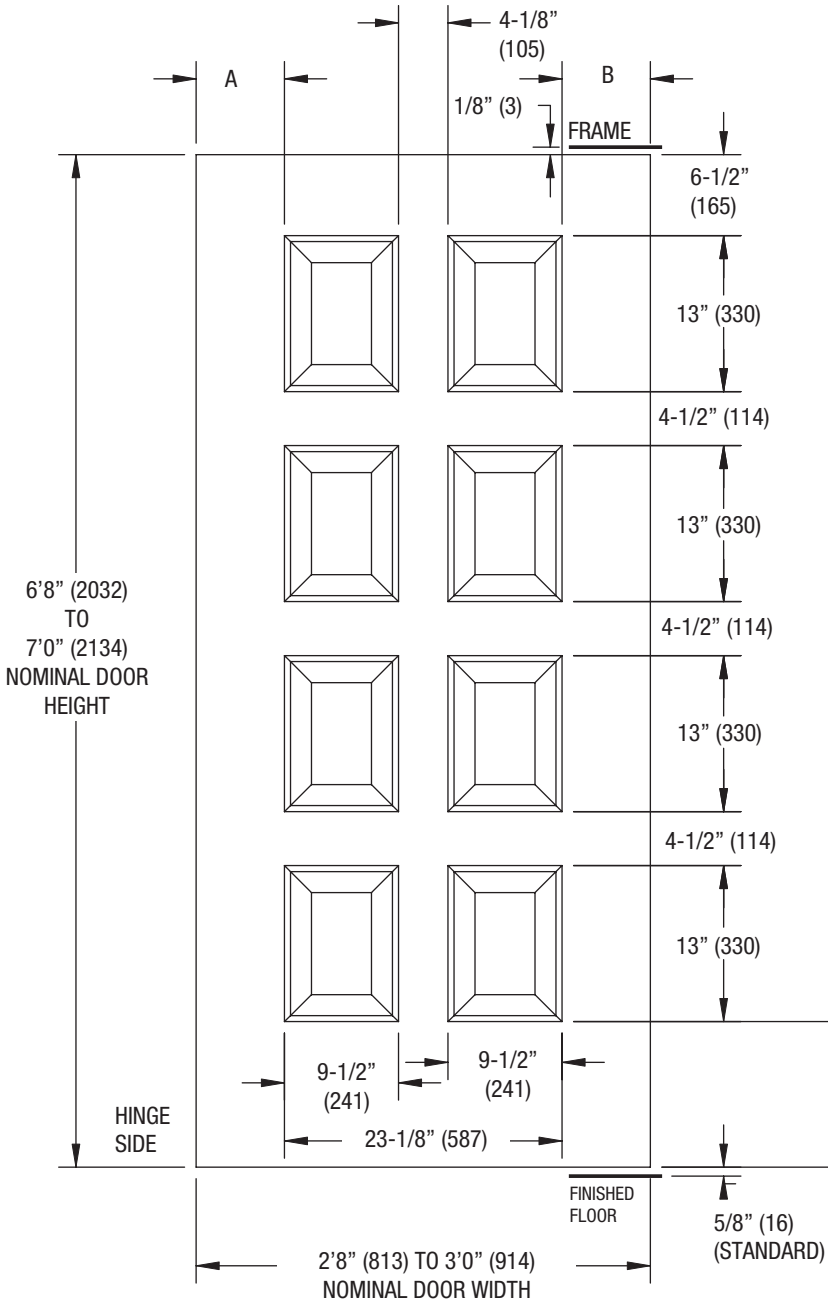
CURRIES
ASSA ABLOY

E8 Panel Door

Panel Door Technical Data

October, 2008

18 GA. (1.2) GALVANNEALED
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	3-5/16" (85)	5-3/8" (137)
2'10" (864)	5-5/16" (135)	5-3/8" (137)
3'0" (914)	6-11/32" (161)	6-11/32" (161)

UP TO 3 HR. FIRE RATING

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

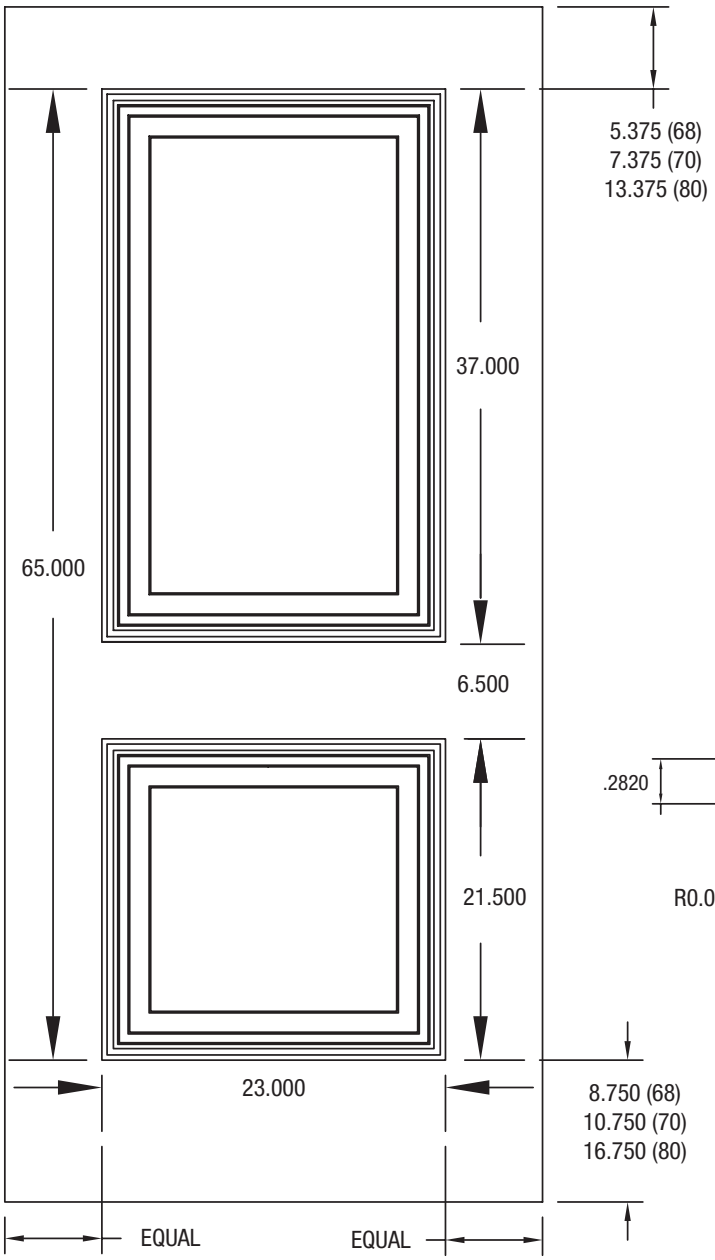
*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-1/4" (184)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-1/4" (286)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



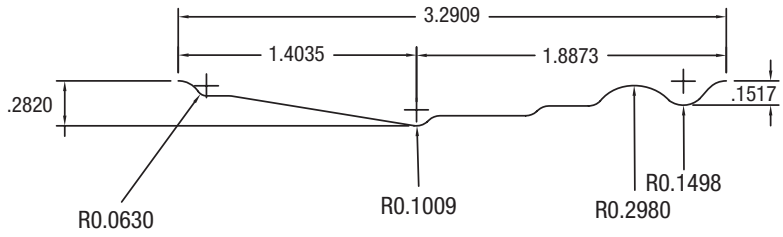
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **,7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE



NOTE: NOT AVAILABLE WITH A SEAMLESS EDGE
+ MAXIMUM 3070 CAN BE FIRE RATED

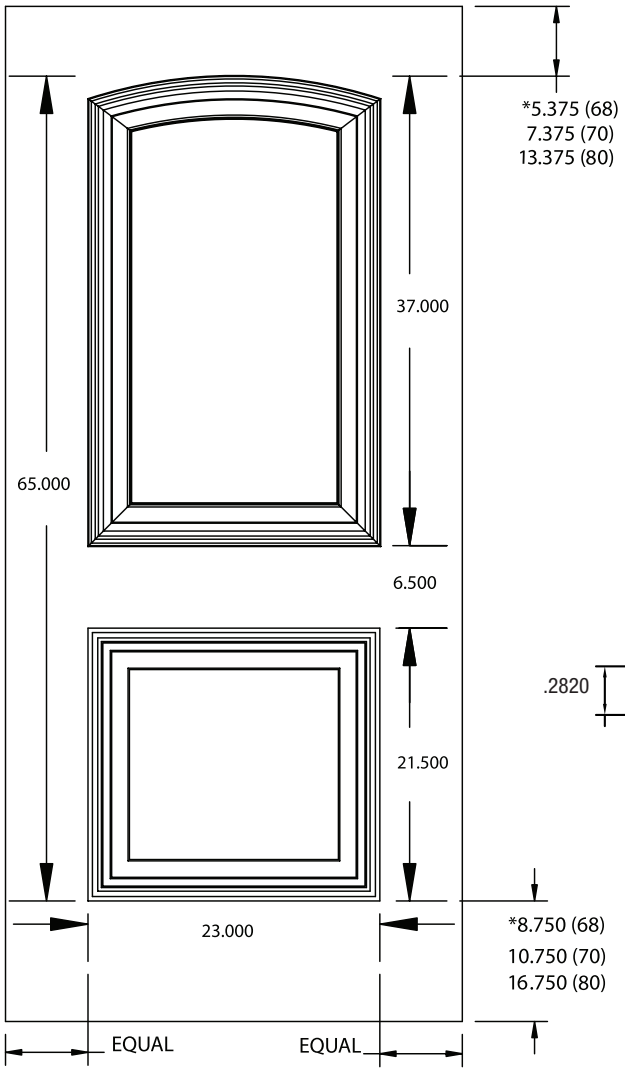
High Definition 2PA Panel Door

Panel Door Technical Data

December, 2011

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +

EMBOSSED ARCHED 2-PANEL



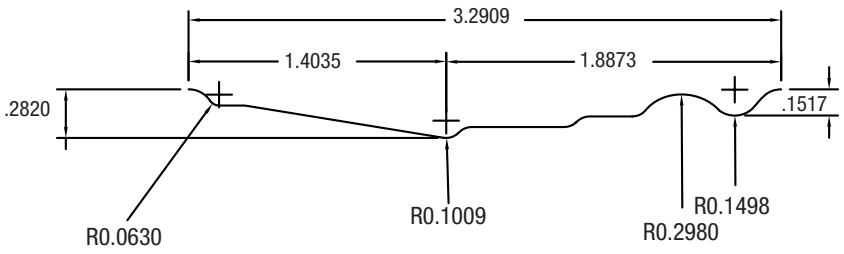
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

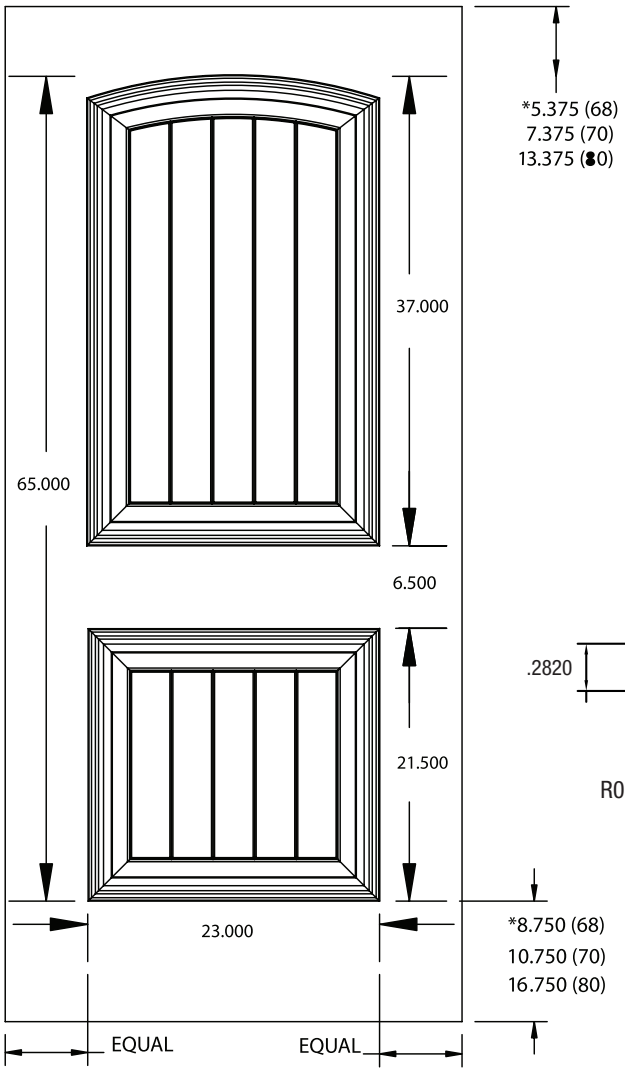
PROFILE



NOTE: NOT AVAILABLE WITH A SEAMLESS EDGE
+ MAXIMUM 3070 CAN BE FIRE RATED

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +

EMBOSSED PLANKED ARCHED 2-PANEL



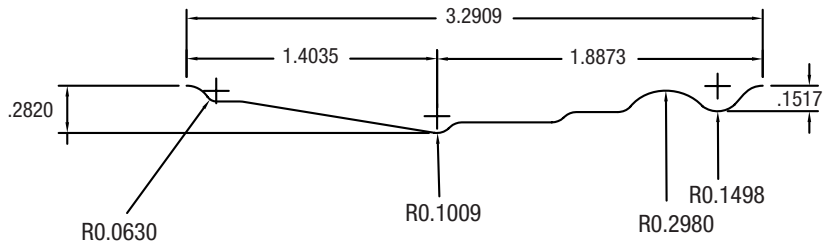
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

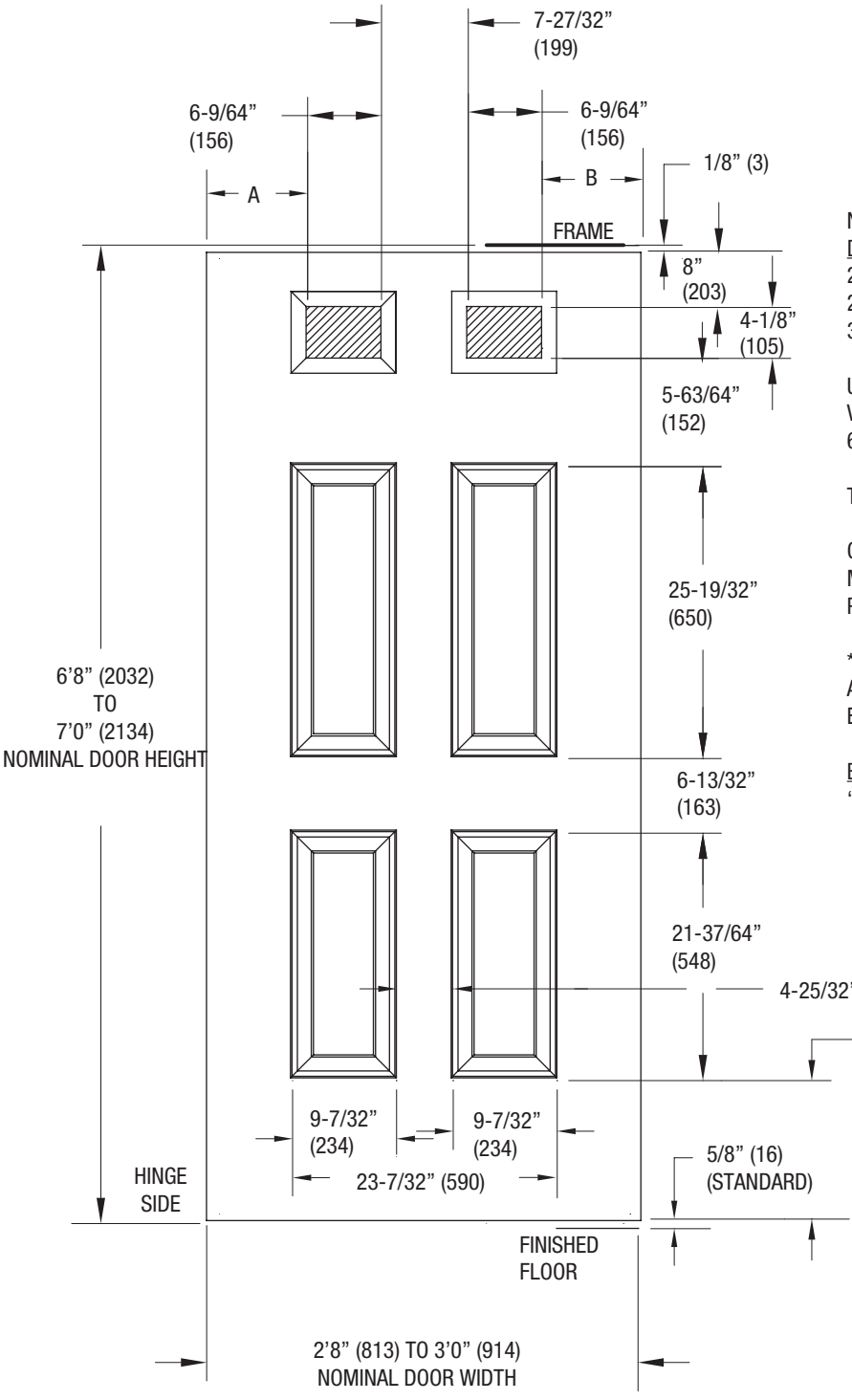
PROFILE



NOTE: NOT AVAILABLE WITH A SEAMLESS EDGE
+ MAXIMUM 3070 CAN BE FIRE RATED

June, 2009

Type 9 & 10 Window Moulding



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

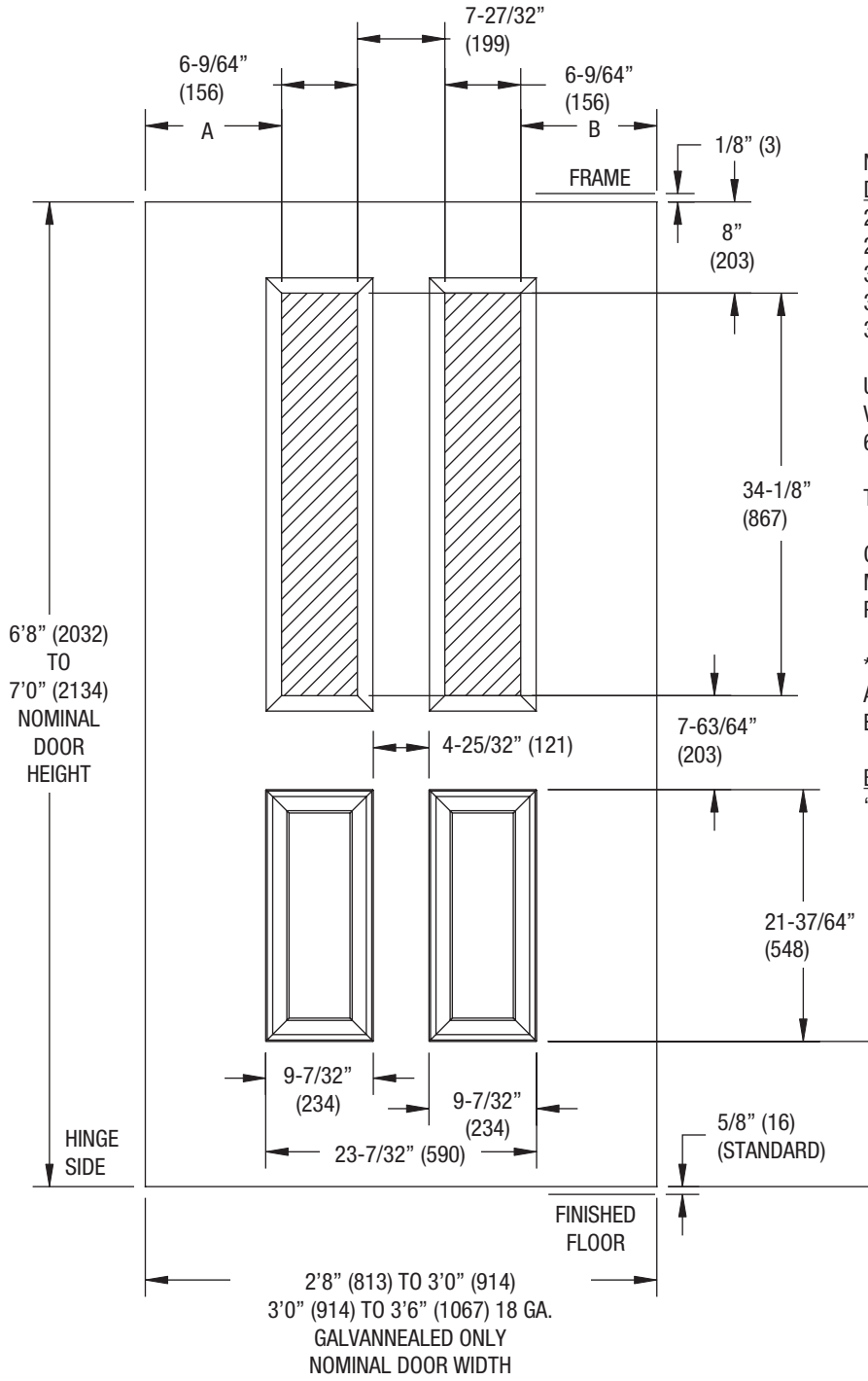
BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

June, 2009

Type 9 & 10
Window Moulding

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)
3'4" (1016)	9-27/32" (250)	9-27/32" (250)
3'6" (1067)	10-27/32" (275)	10-27/32" (275)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

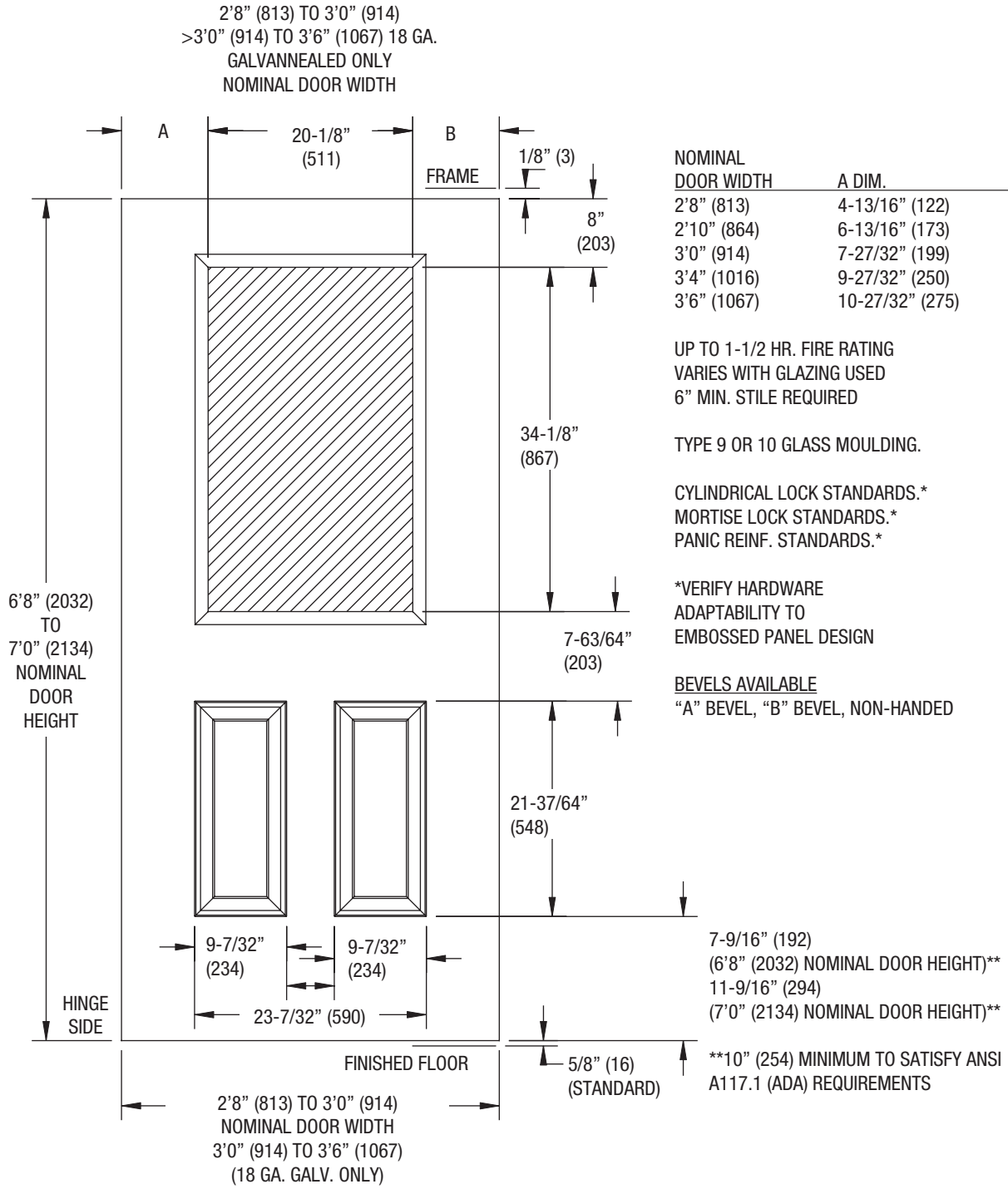
7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

**10" (254) MINIMUM TO SATISFY ANSI
A117.1 (ADA) REQUIREMENTS

June, 2009

Type 9 & 10 Window Moulding

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)
3'4" (1016)	9-27/32" (250)	9-27/32" (250)
3'6" (1067)	10-27/32" (275)	10-27/32" (275)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

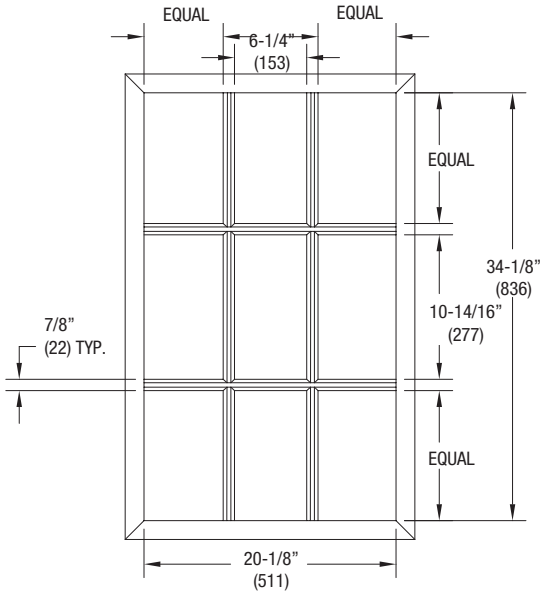
7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

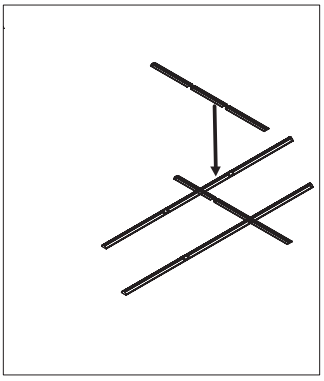
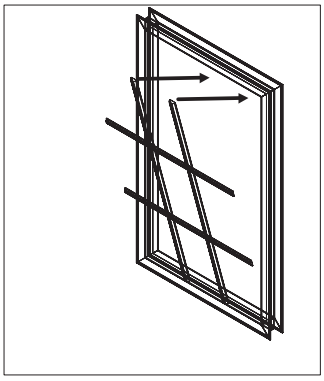
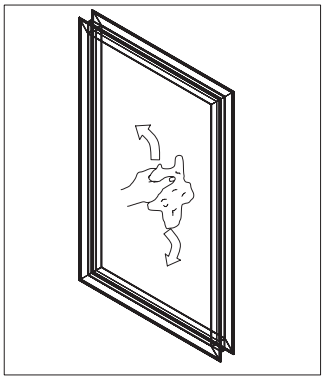
August, 2009

Type 9 & 10
Window Moulding

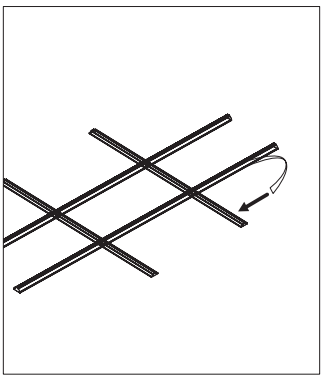
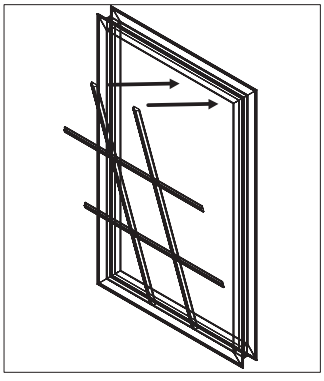
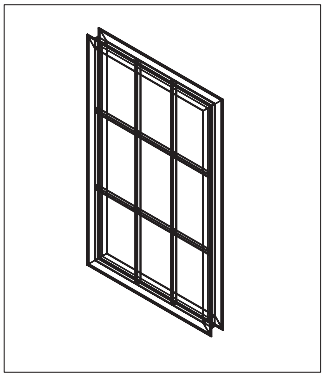
GENERAL NOTES:
- YOU MAY CLEAN THE GLASS WITH A COMMERCIAL GLASS CLEANER, HOWEVER GLASS MUST BE PRIMED WITH RUBBING ALCOHOL PRIOR TO APPLICATION.
- IT IS RECOMMENDED THAT THE INSTALLATION BE COMPLETED IN A CONTROLLED ENVIRONMENT (I.E., A WORKSHOP).
- ONCE THE TAPE CONTACTS THE GLASS, THE GRILLE CANNOT BE REPOSITIONED OR REMOVED.
- DIMENSIONS AND LOCATIONS OF EMBOSSMENTS AND LITE ARE DETAILED ON THE E6HGS TECHNICAL DATA PAGE. MUNTIN KITS ARE PROVIDED AS A SET (FRONT AND BACK) LABELED (WHITE ALUMINUM, MS102483) OR NON-LABELED (WHITE PVC, MS102566)



INSTALLATION PROCEDURE

1) LEAVING THE LINER ON THE TAPE, ASSEMBLE THE GRILLE. CHECK FIT OF THE GRILLE TO THE GLASS.
2) MAKE CERTAIN THAT THE GRILLE LAYS FLAT ON THE GLASS WITH A SLIGHT GAP AT THE ENDS.
3) PRIME THE GLASS BY SPRAYING WITH RUBBING ALCOHOL. WIPE CLEAN WITH A LINT-FREE CLOTH.
4) WAIT ONE TO THREE MINUTES TO ALLOW ANY RESIDUAL MOISTURE TO EVAPORATE.

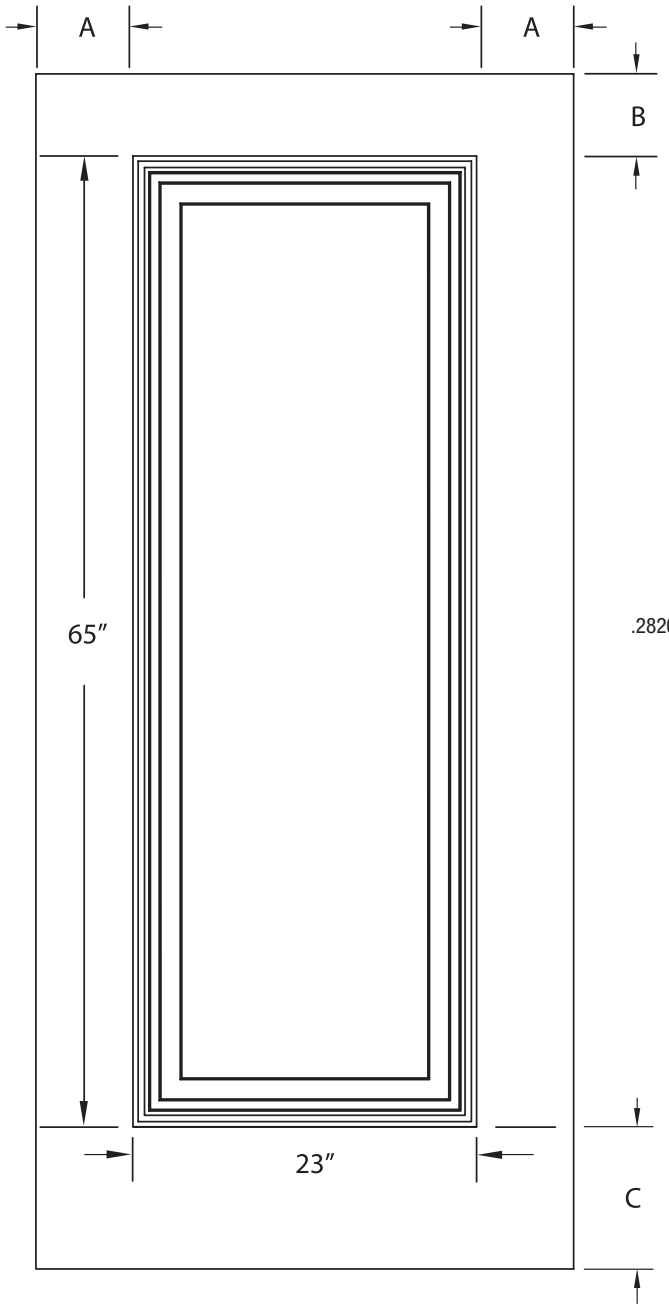
5) CAREFULLY REMOVE ALL PLASTIC LINERS ON THE TAPE SIDE OF THE GRILLE.
6) POSITION THE GRILLE OVER THE GLASS WITHOUT TOUCHING THE GLASS SURFACE. TWO PEOPLE CAN BETTER ACCOMPLISH THIS POSITIONING, ESPECIALLY WITH LARGER SIZES. REMEMBER, ONCE THE GRILLE MEETS THE GLASS IT CANNOT BE REPOSITIONED.
7) VERY CAREFULLY, LOWER THE GRILLE TO THE GLASS SURFACE.
8) USING A ROLLER, APPLY MODERATE PRESSURE (NO MORE THAN 15 PSI) AND PRESS ALL GRILLE AREAS TO THE GLASS TO IMPROVE ADHESION.
9) REPEAT THE PROCEDURE ON THE OTHER SIDE OF THE GLASS.

High Definition 1P Panel Door

Panel Door Technical Data

December, 2011

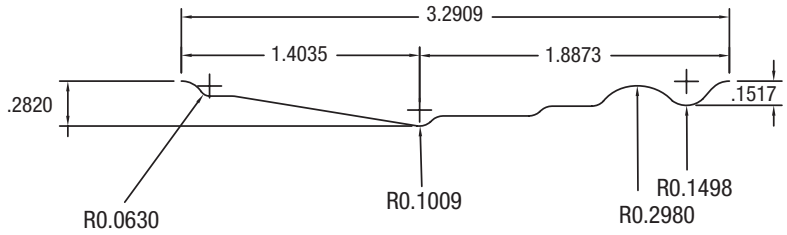
18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



NOMINAL DOOR WIDTH	A DIM.
2’8”	4-25/64”
3’0”	6-25/64”

NOMINAL DOOR WIDTH	B DIM.	C DIM.
6’8”	5-3/8”	8-3/4”
6’8” **	4-3/8”	9-3/4”
7’0”	7-3/8”	10-3/4”
8’0”	13-3/8”	16-3/4”

PROFILE



- UP TO 3 HOUR FIRE RATING
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
“A” BEVEL, “B” BEVEL, NON-HANDED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** ADA COMPLIANT DOORS (AVAILABLE IN 6-8 LENGTH ONLY).

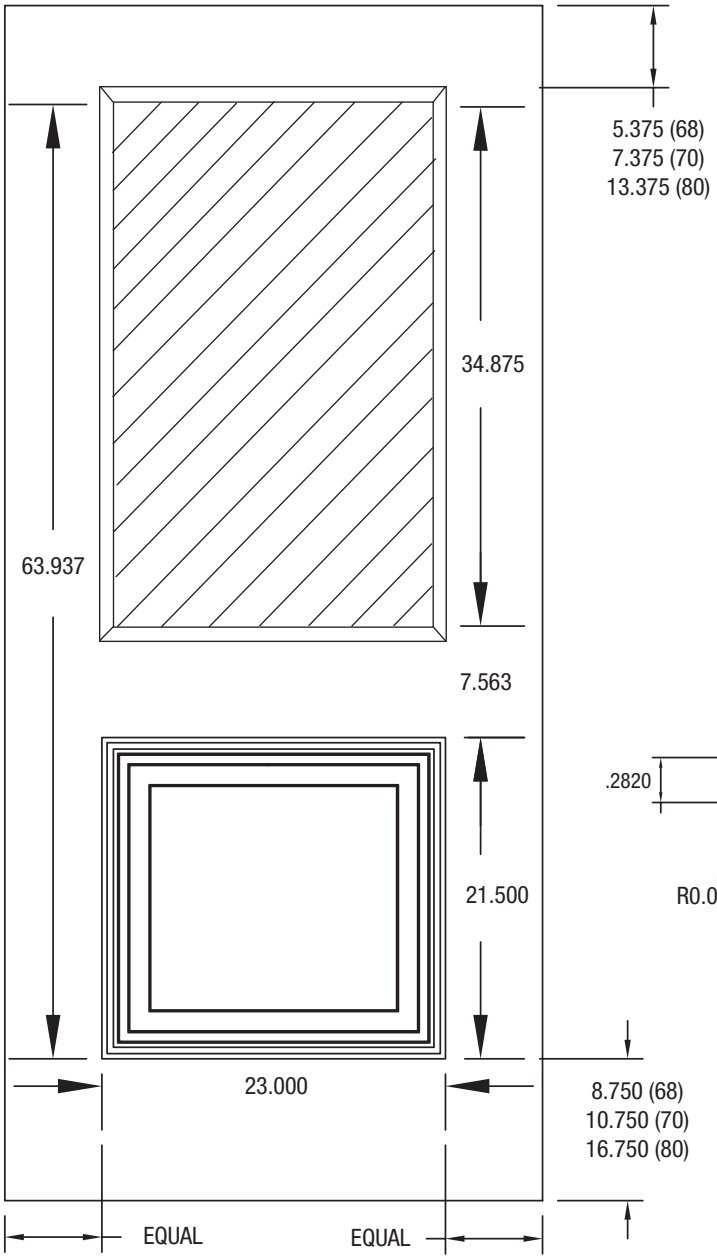
NOTE: NOT AVAILABLE WITH A SEAMLESS EDGE
+ MAXIMUM 3070 CAN BE FIRE RATED

High Definition 2PHG Panel Door

Panel Door Technical Data

June, 2013

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



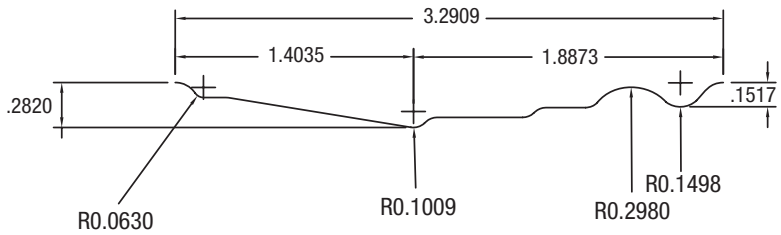
- UP TO 90 MINUTE FIRE RATING
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE



NOTE: NOT AVAILABLE WITH A SEAMLESS EDGE
+ MAXIMUM 3070 CAN BE FIRE RATED

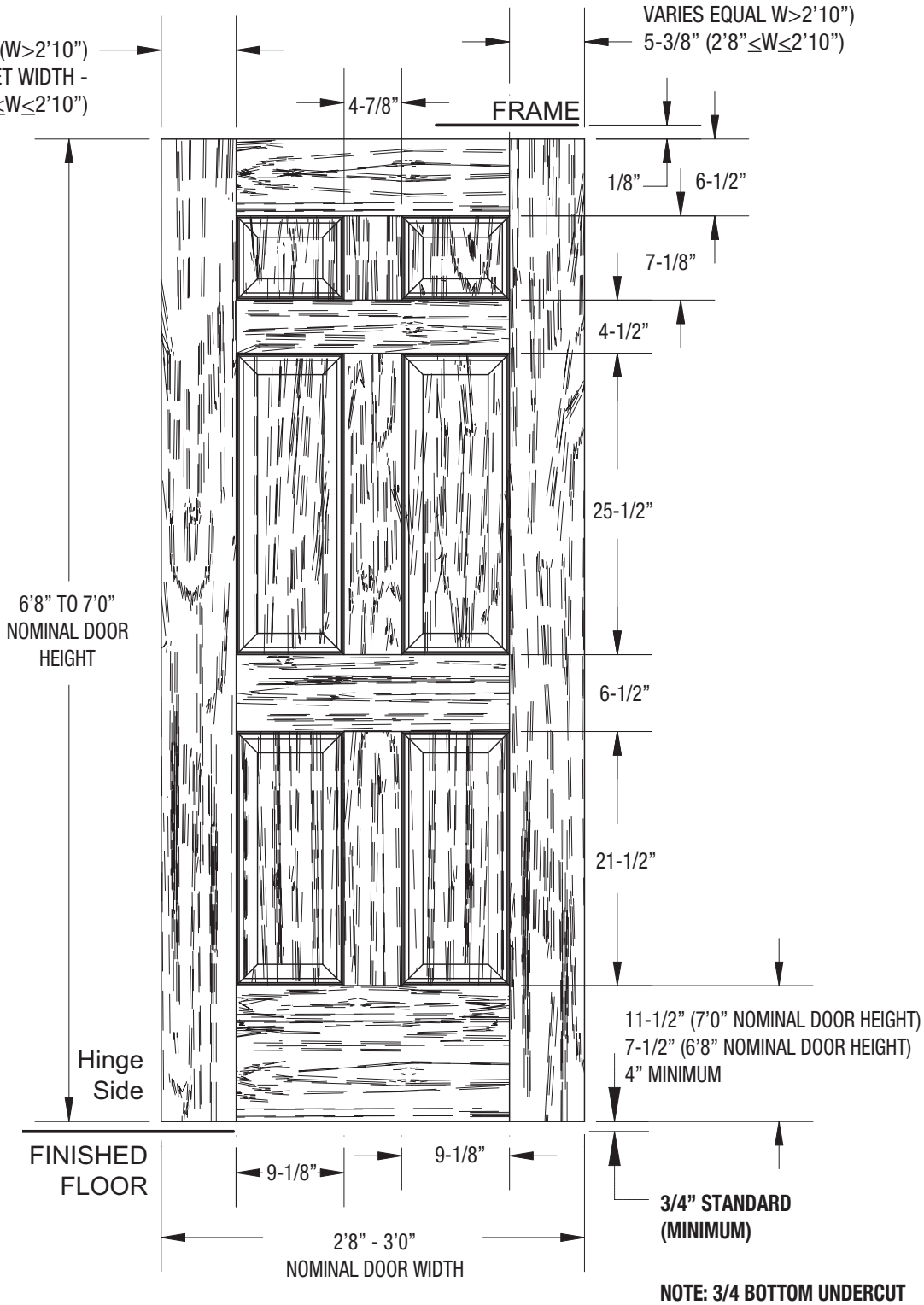
E6 CURRIStain Six Panel Door

Panel Door Technical Data

December, 2010

L

18 GA. GALVANNEALED



NOTE: 3/4 BOTTOM UNDERCUT (MINIMUM) ON CURRISTAIN EMBOSSED PANEL DOORS.

CURRIES
ASSA ABLOY

E6HGS CURRIStain Six Panel Half Glass

Panel Door Technical Data

December, 2010

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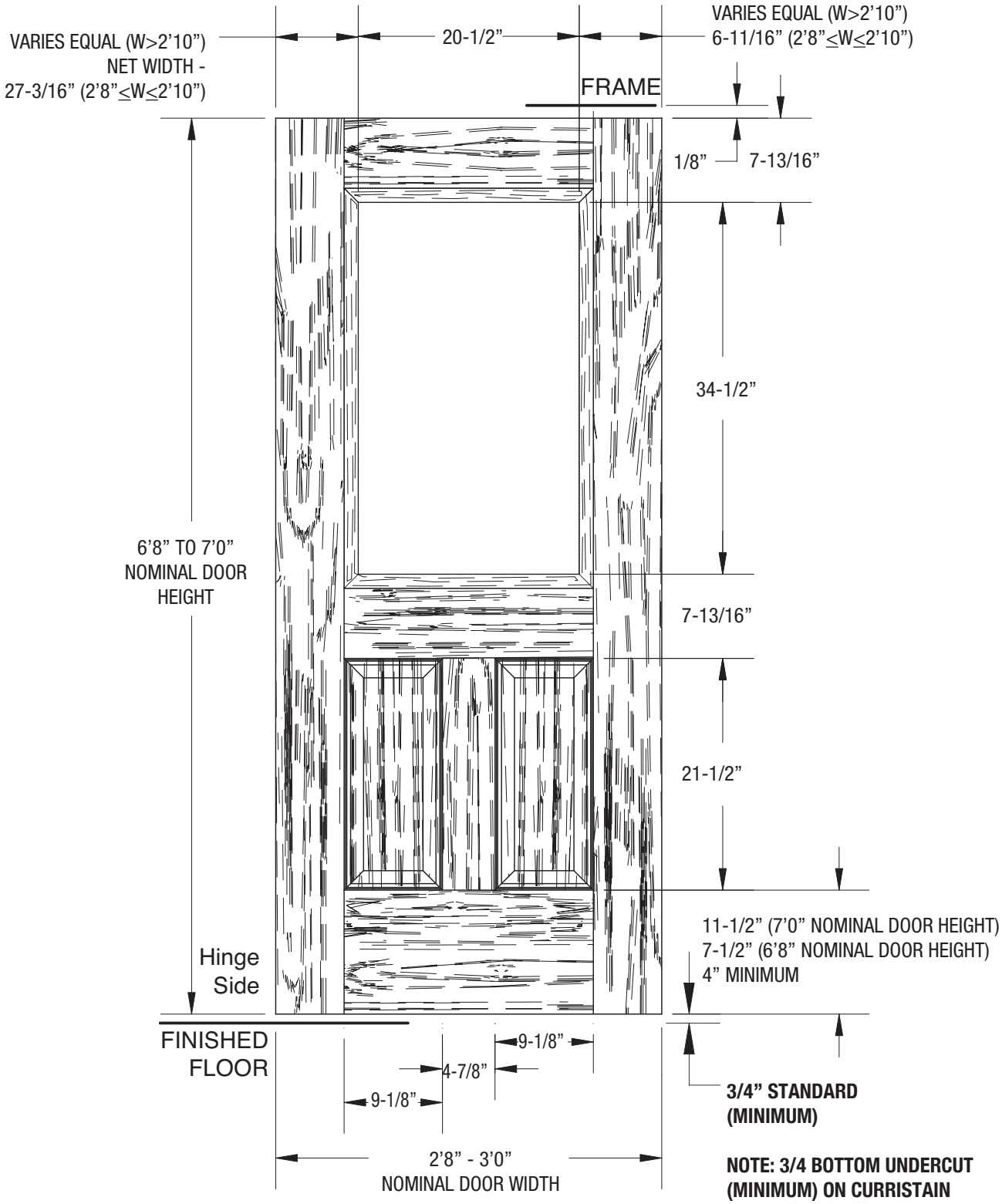
18 GA. GALVANNEALED



NOTE: 3/4 BOTTOM UNDERCUT (MINIMUM) ON CURRISTAIN EMBOSSED PANEL DOORS

STC 40-47 Sound Door Construction

Panel Door Technical Data

April, 2012

STC 40-47 OPERABLE
TESTED TO: ASTM E90-09, E413-04, E1332-90, AND E2235
BUILT IN COMPLIANCE WITH SDI 128 AND HMMA 865-03

FLUSH ONLY
HANDED DOORS ONLY
3/8" UNDERCUT ONLY
NON-RATED ONLY
1-3/4" THICK

FRAMES:
MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 GAUGE OR 14 GAUGE. MUTES ARE NOT ALLOWED. FRAMES MUST BE GROUTED TO ACHIEVE STC RATING.

HARDWARE ALLOWED

HINGES:
- 4-1/2" STANDARD OR HEAVY
- 5" STANDARD OR HEAVY
- OFFSET PIVOTS
- CAMLIFT

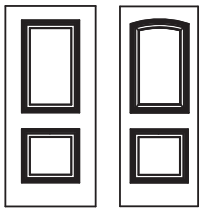
LOCKS:
- CYLINDRICAL
- MORTISE
- RIM EXIT

* SEE INSTALLATION INSTRUCTIONS FOR MORE DETAILS

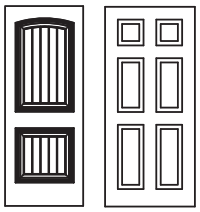
6-PANEL
MINIMUM SIZE - 2'6" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 7'0" SINGLE

2-PANEL
MINIMUM SIZE - 2'8" X 6'8" SINGLE
MAXIMUM SIZE - 3'0" X 8'0" SINGLE

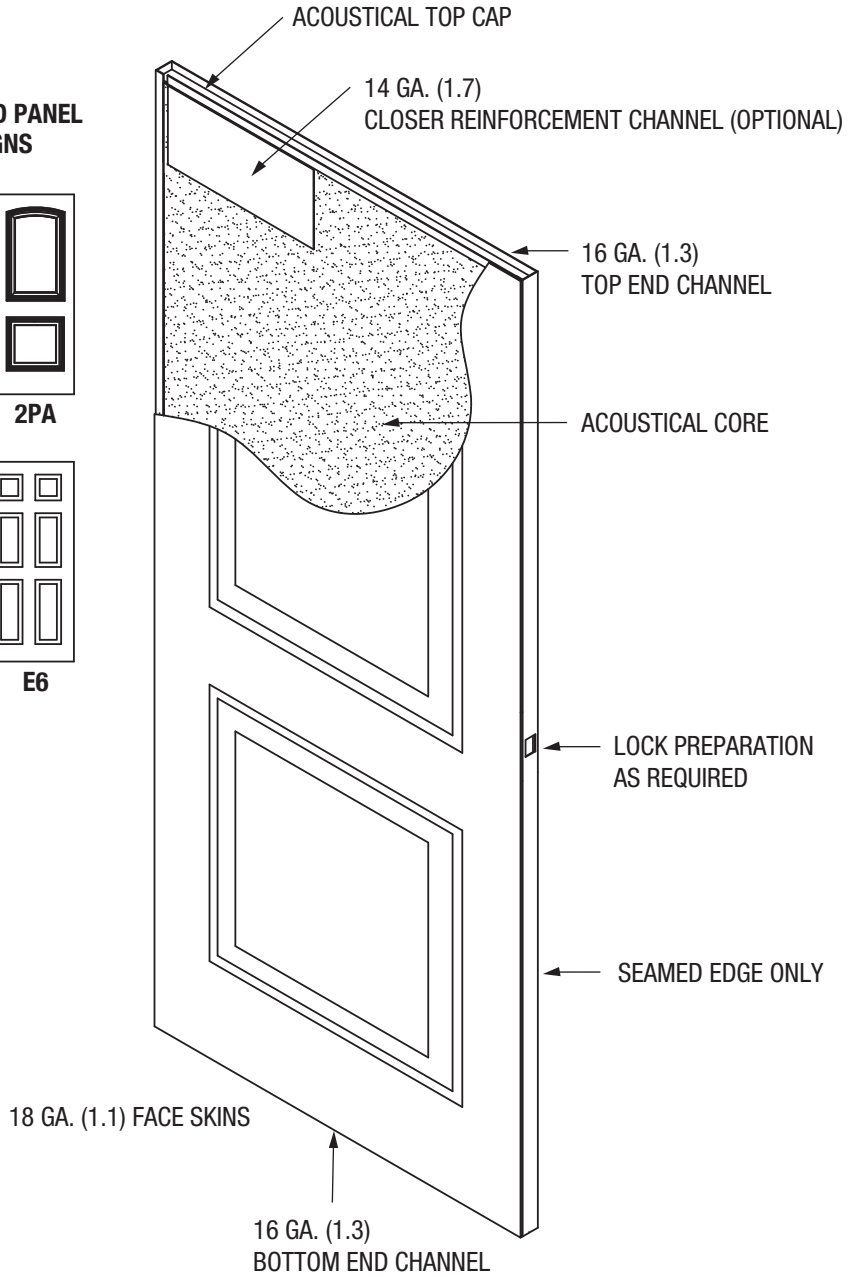
EMBOSSED PANEL DESIGNS



2P **2PA**



2PAP **E6**



	STC Rating	Lock Type	Door Design	Undercut	Max. Fire Rating	Seal Set	Seal Set Description
Single Doors	47	Cylindrical	6 Panel	3/8"	45 Minute	A	Pemko Seals: S88, S44, S773, S771, ACP112, 2005 threshold
	46	Cyl/Mort	6 Panel	3/8"	45 Minute	A	Pemko Seals: S88, S44, S773, S771, ACP112, 2005 threshold
	46	Cylindrical	2 Panel	3/8"	45 Minute	A	Pemko Seals: S88, S44, S773, S771, ACP112, 2005 threshold
	45-40	Cyl/Mort/Rim	6 Panel	3/8"	45 Minute	A	Pemko Seals: S88, S44, S773, S771, ACP112, 2005 threshold
	45	Cyl/Mort	2 Panel	3/8"	45 Minute	A	Pemko Seals: S88, S44, S773, S771, ACP112, 2005 threshold
	44-40	Cyl/Mort/Rim	2 Panel	3/8"	45 Minute	A	Pemko Seals: S88, S44, S773, S771, ACP112, 2005 threshold