

Type CC-B

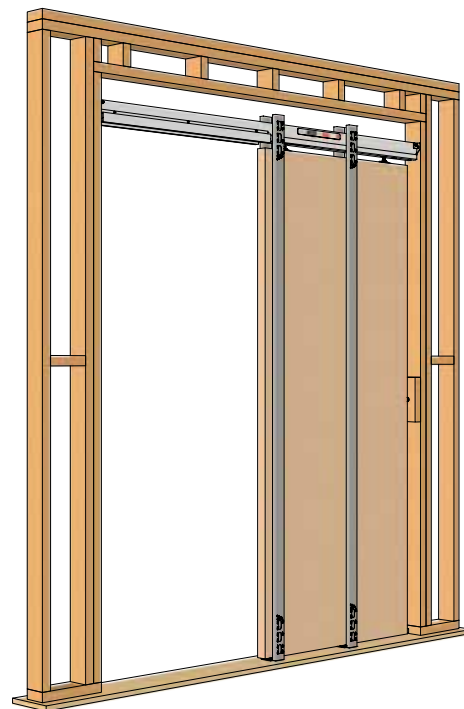
Installation Instructions

For doors 30 in [762 mm] to 48 in [1219 mm] wide

KNC
Catch 'N' Close

Crowder Frame System

- Crowder Frame is a complete pocket door kit system that includes roll-formed steel uprights, to build the pocket for 2X4 wall construction
- The complete Crowder Frame kit provides quicker and easier installation than a traditional pocket built on site
- Integrating our best-selling Catch 'N' Close system prevents bouncing and slamming of the sliding door
- Catch 'N' Close can be installed on both opening and closing ends of doors
- The revolutionary Catch 'N' Close Slot allows for easy maintenance of the Catch 'N' Close Closing Devices without removing trim, door or having to open walls
- Cycle tested up to 150,000 times
- Up to 150 lbs. [68 kg] doors (Type CC-1B) or 75 lbs. [34 kg] doors (Type CC-75B)
- This installation instruction is suitable for doors 30 in [762 mm] to 48 in [1219 mm] wide and 80 in [2032 mm] to 96 in [2455 mm] high and 1 3/8 in [34.9 mm] to 1 3/4 in [44.5 mm] thick
- For doors 29 in [736 mm] wide and less, refer to the **Type CC-NRB** (narrow) installation instruction
- For double/bi-parting door kits, use two single door kits with **CPD-2X4-Joiner Kit** accordingly, refer to installation instruction **CPD-2X4-Joiner Kit**
- Complete with **C-201** Guide Channel & **CP-200** Pocket Guide system
- It is strongly recommended to use edge pulls or door locks with integrated edge pulls with flush pulls for easy operation of pocket doors; visit <http://www.kncrowder.com/doorlocks-pulls/> for options
- KN Crowder recommends: **C-90L-ET** privacy lockset, **C-90L-CT** security lockset or **C-91-BB** passage set



Complete Type CC-B kit illustrated.
Framing by others.

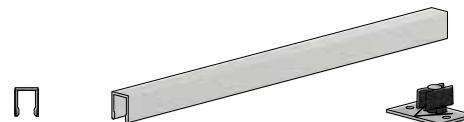


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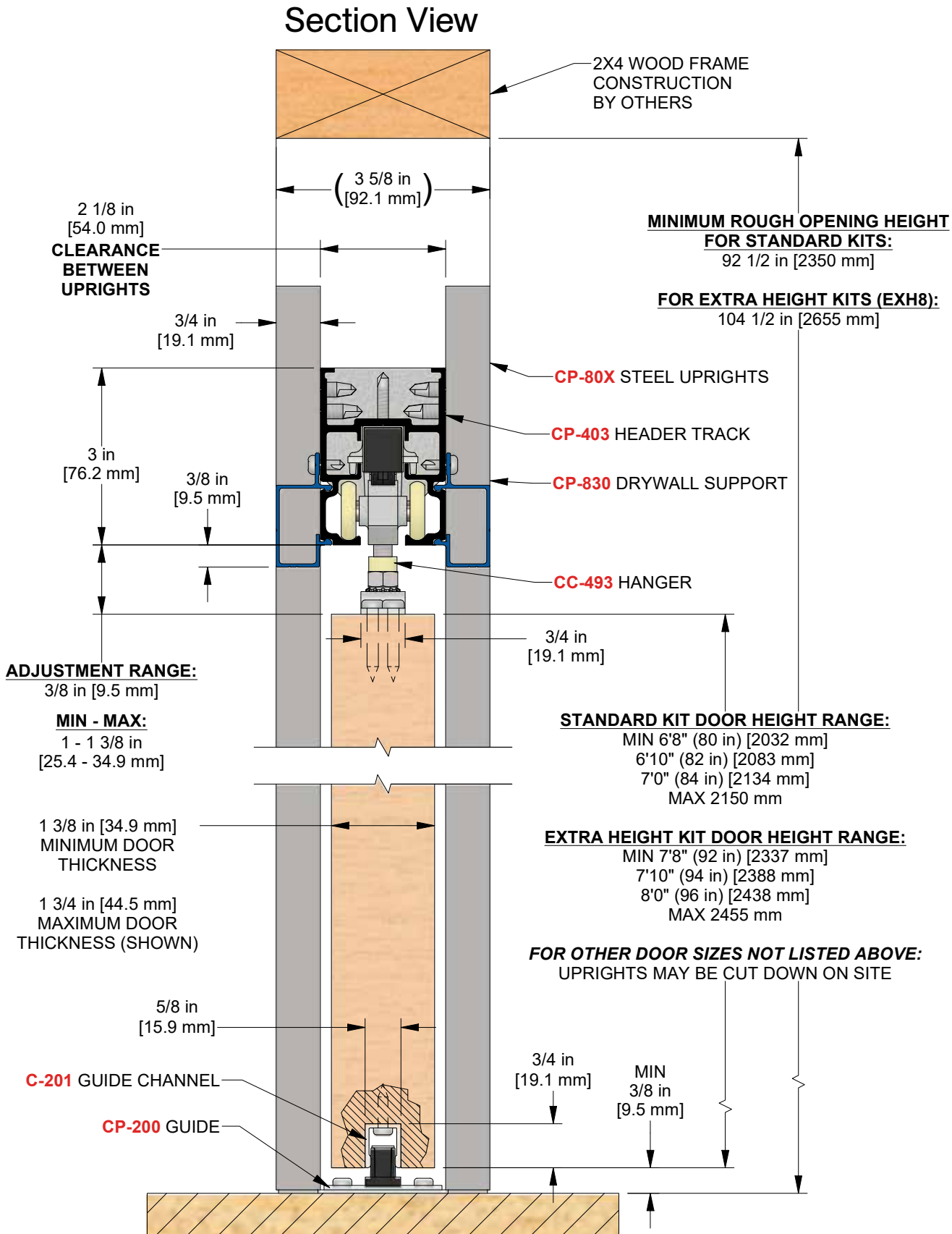
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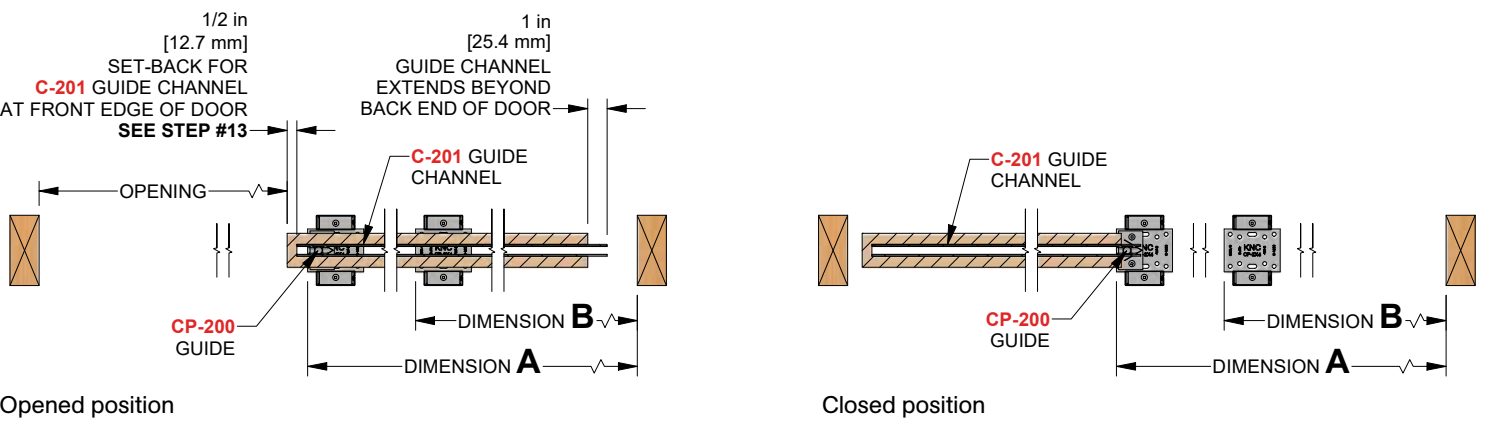
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- 24 How It All Comes Together

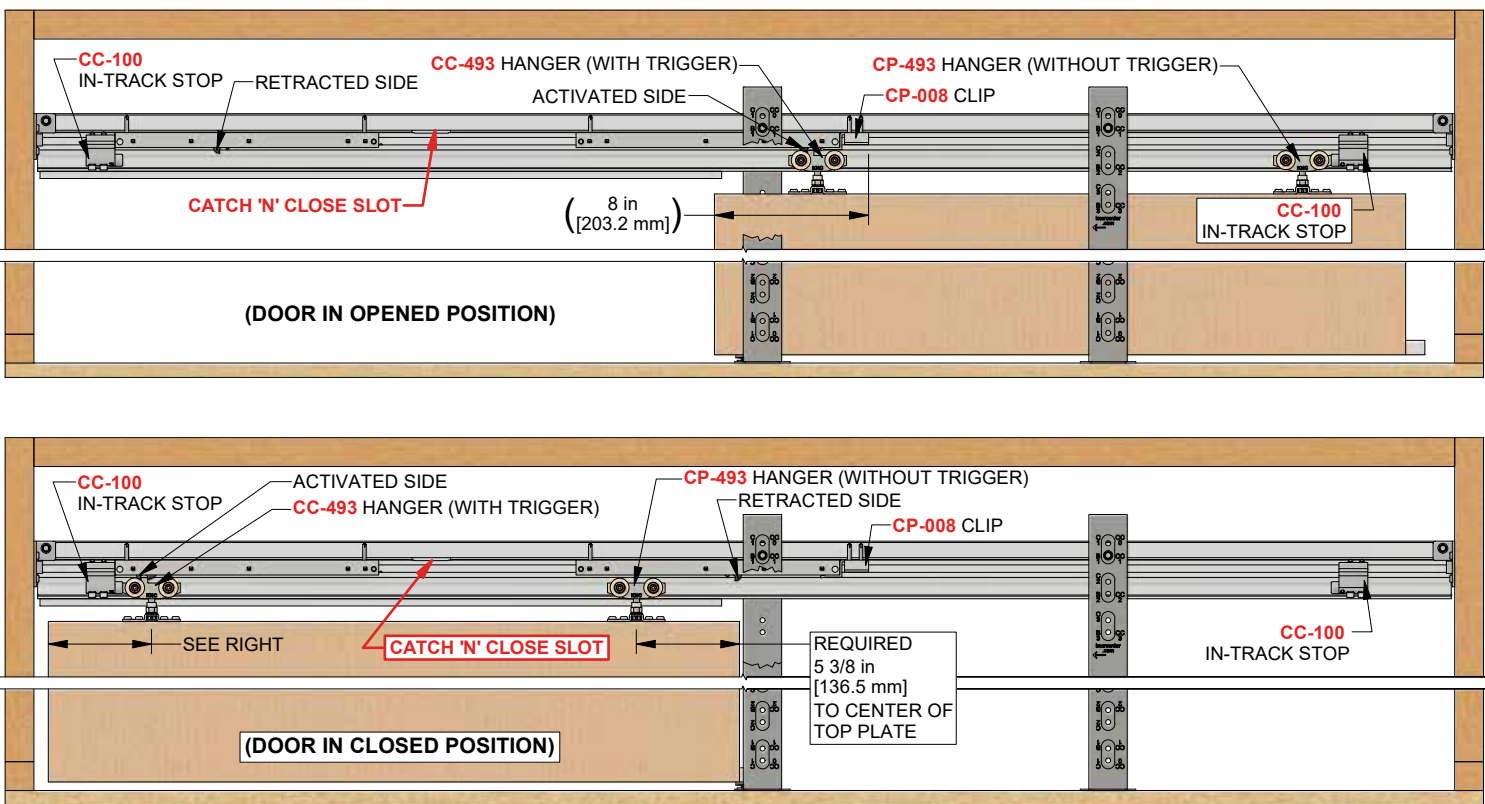
Product Details & Dimensions



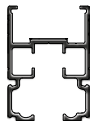
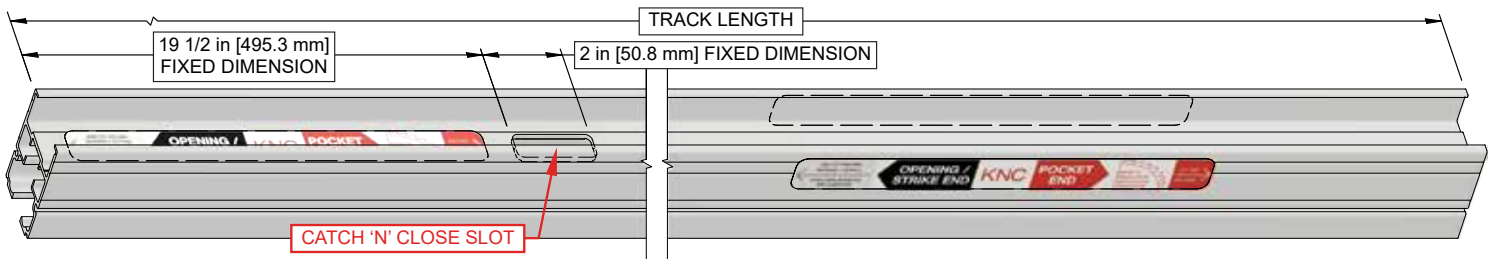
Plan View



Elevation View



Parts' List



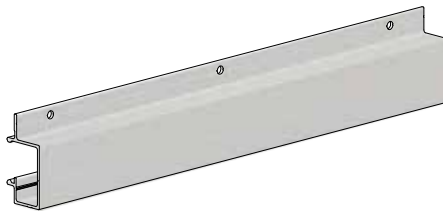
CP-403-RS Header Track x (length options listed below)

For Type CC-B for doors up to 36 in [914 mm] wide:

(1) piece x 73 5/8 in [1870 mm]

For Type CC-B-EXW4 for doors up to 48 in [1219 mm] wide:

(1) piece x 97 5/8 in [2480 mm]



CP-830 Drywall Support x

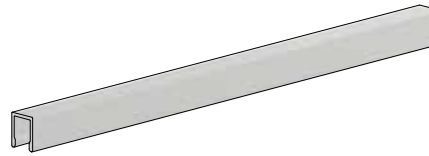
(quantity and length options listed below)

For Type CC-B for doors up to 36 in [914 mm] wide:

(2) pieces x 35 1/2 in [902 mm]

For Type CC-B-EXW4 for doors up to 48 in [1219 mm] wide:

(2) pieces x 47 1/2 in [1207 mm]



C-201 Guide Channel x length (1)

For doors up to 36 in [914 mm] wide:

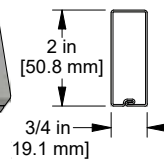
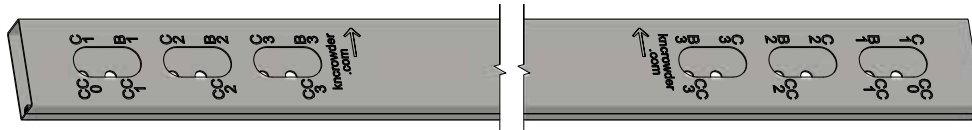
(Length = door width + 1/2 in [12.7 mm], example:

36 in [914 mm] door = 36 1/2 in [927 mm] guide channel)

For doors greater than 36 in [914 mm] up to 48 in [1219 mm] wide:

(Length = door width + 2 in [50.8 mm], example:

48 in [1219 mm] door = 50 in [1270 mm] guide channel)



Steel Uprights (quantity and part number options listed below)

For Type CC-B for doors up to 36 in [914 mm] wide x 84 in [2134 mm]/2150 mm high:

(4) CP-807 Steel Upright (89 15/16 in [2284 mm] long)

For Type CC-B-EXH8 for doors up to 36 in [914 mm] wide x 96 in [2438 mm]/2455 mm high:

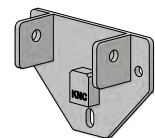
(4) CP-808 Steel Upright (101 15/16 in [2589 mm] long)

For Type CC-B-EXW4 for doors up to 48 in [1219 mm] wide x 84 in [2134 mm]/2150 mm high:

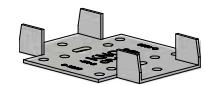
(6) CP-807 Steel Upright (89 15/16 in [2284 mm] long)

For Type CC-B-EXW4H8 for doors up to 48 in [1219 mm] wide x 96 in [2438 mm]/2455 mm high:

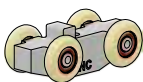
(6) CP-808 Steel Upright (101 15/16 in [2589 mm] long)



CP-HB2X4 Header Bracket (2)



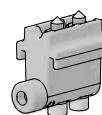
CP-2X4 Foot Bracket (2) -EXW4 (3)



CC-400 Hanger Body (1) c/w wheels



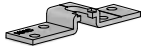
CP-400 Hanger Body (1) c/w wheels



CC-100 Catch 'N' Close In-Track Stop (2)



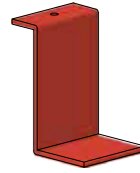
CP-200 Pocket Guide (1)



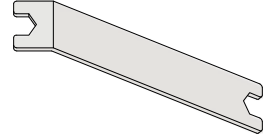
C-493 Top Plate (2)



C-493 Easy Connect Stud (2)



**CP-009-CLT Clip
Locator Tool (1)**



CP Adjustment Wrench (1)



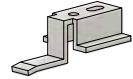
5/16"-18 K-Lock Nut (2)
[FT17]



**5/16" X 1/4" Flat
Nylon Washer (2)**
[FT48]



C-AR93 Adjustment Rod (1)



**CP-008 Catch 'N' Close
Crowder Frame Clip (1)**



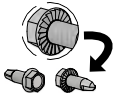
C-99 Rubber Dome Bumper (1)



3/16" Spacer Washer (8)
[FT12]



CP-009-Clip Locator Sticker (1)



**1/4"-#14 x 3/4"
Hex Tek Screw (10)**
[FT36]



CC-75 or CC-1 Catch 'N' Close Closing Device (2)
(see details in instruction steps)



**#10 x 1-1/2"
Self-Drilling Screw (4)**
[FT5]



**#6 x 1" Fine Thread
Drywall Screw (60)**
[FT30]



**#8 x 1/2"
Self-Drilling Screw (8)**
[FT32]



#8 x 3/4" Pan Head Screw (12)
[FT2]



#10 x 1" Self-Drilling Screw (2)
[FT26]



**#10 x 1-1/4" Pan
Head Screw (15)**
[FT4]

* Extra hardware may be included

Tools required (not supplied)

Ladder
Measuring Tape
Chalk Line
Chop Saw or Hacksaw
(for cutting aluminum)

Level
Pencil
Marker
Drill
Impact Driver

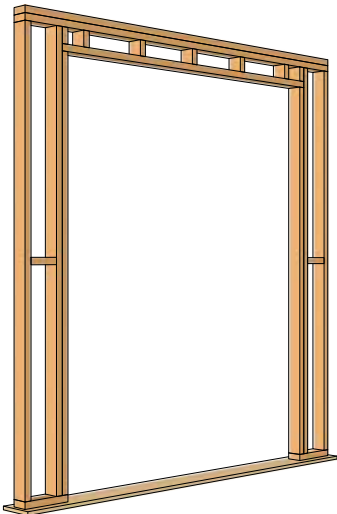
Ø1/8 in Drill Bit
Ø9/64 in Drill Bit
3/8 in Hex Driver Bit
#2 Robertson Driver Bit

#2 Robertson Screw Driver
1/2 in Wrench
Rubber Mallet
Air Gun or Cloth

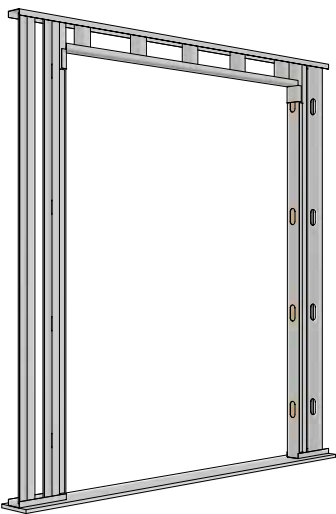
Required Pre-Installation

Note: Read carefully - contains information which if not followed may void warranty or cause injury to users

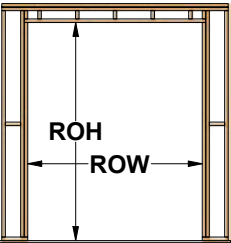
All testing on this product has been completed with 2x4 lumber framing studs or 3 5/8 in [92.1 mm] metal stud framing with integrated lumber framing for rough opening to provide sufficient structural support for Crowder Frame pocket door kits. (Framing details may differ based on region. Refer to your region's building codes for framing details.)
To ensure proper support is provided when using lumber or metal framing studs, verification by a certified structural engineer is required.
KN Crowder is not responsible for framing details. KN Crowder's warranty will not cover any issues that result from incorrect structural support/framing details



Wood framing by others



Metal framing by others



Single door opening

Rough opening height (ROH) from finished floor:
At least 92 1/2 in [2350 mm] high for doors up to 84 in (7'-0") or [2150 mm]
At least 104 1/2 in [2654 mm] high for doors up to 96 in (8'-0") [2455 mm] (-EXH8 kits)

Double/bi-parting door opening

Refer to CPD-2X4-Joiner Kit installation instruction **Chart CPD-2X4-A** for rough opening sizes.

Chart A: Rough opening size & track length

Door width			Rough opening width (ROW):		CP-403 Track length required:	
30 in	(2'-6")	[762 mm]	62 in	[1575 mm]	61 5/8 in	[1565 mm]
32 in	(2'-8")	[813 mm]	66 in	[1676 mm]	65 5/8 in	[1667 mm]
34 in	(2'-10")	[864 mm]	70 in	[1778 mm]	69 5/8 in	[1769 mm]
36 in	(3'-0")	[914 mm]	74 in	[1880 mm]	73 5/8 in	[1870 mm]
38 in	(3'-2")	[965 mm]	78 in	[1981 mm]	77 5/8 in	[1972 mm]
40 in	(3'-4")	[1016 mm]	82 in	[2083 mm]	81 5/8 in	[2073 mm]
42 in	(3'-6")	[1067 mm]	86 in	[2184 mm]	85 5/8 in	[2175 mm]
44 in	(3'-8")	[1118 mm]	90 in	[2286 mm]	89 5/8 in	[2277 mm]
46 in	(3'-10")	[1168 mm]	94 in	[2388 mm]	93 5/8 in	[2378 mm]
48 in	(4'-0")	[1219 mm]	98 in	[2489 mm]	97 5/8 in	[2480 mm]

Track length
equal to:

2x door width
+
1 5/8 in
[41.3 mm]

Installation Steps

If Installing with Door Prior to Drywall

Step #1:

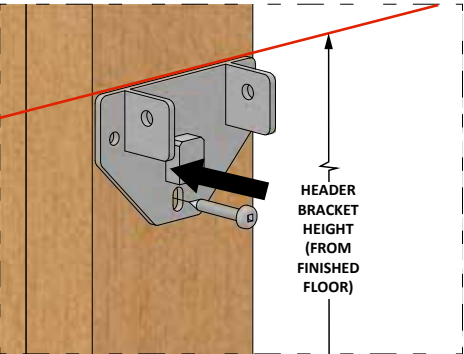
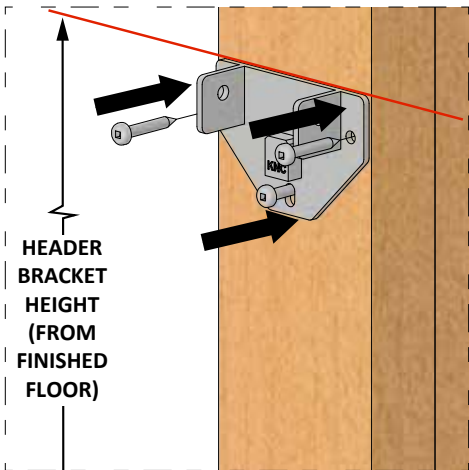
On one side of rough opening, secure one CP-HB2X4 Header Bracket to jamb with (3) #10 x 1-1/4" Pan Head Screws [FT4] at required height based on **Chart B**.

Header bracket height:

Dimensions shown below for header bracket height are taken from finished floor. If finished floor will be installed after pocket door kit, add finished floor thickness to header bracket height.

Example: 84 in [2134 mm] high door with 3/4 in thick floor = 88 5/8 in [2251 mm] + 3/4 in [19.1 mm] = 89 3/8 in [2270 mm] new header height from sub floor (below finished floor).

Note: Foot brackets must be shimmed to level of finished floor. See step #9 for details.



Step #2:

On opposite side of opening, secure second CP-HB2X4 Header Bracket to jamb at same header bracket height from **step #1** with (1) #10 x 1-1/4" Pan Head Screws [FT4] through bottom oblong hole on bracket. It is recommended to only secure this bracket with one screw to allow for plumb adjustment when installing track in **step #7**.

Chart B: Header bracket height & upright hole slot ID

Door height			Header bracket height measurement from finished floor		Type CC upright hole ID
80 in	(6'-8")	[2032 mm]	84 5/8 in	[2150 mm]	CC3
82 in	(6'-10")	[2083 mm]	86 5/8 in	[2200 mm]	CC2
84 in	(7'-0")	[2134 mm]	88 5/8 in	[2251 mm]	CC1
84 5/8 in	(7'-0 5/8")	[2150 mm]	89 1/4 in	[2267 mm]	CC0
Below for -EXH8 kits					
92 in	(7'-8")	[2337 mm]	96 5/8 in	[2454 mm]	CC3
94 in	(7'-10")	[2388 mm]	98 5/8 in	[2505 mm]	CC2
96 in	(8'-0")	[2438 mm]	100 5/8 in	[2556 mm]	CC1
96 5/8 in	(8'-0 5/8")	[2454 mm]	101 1/4 in	[2572 mm]	CC0

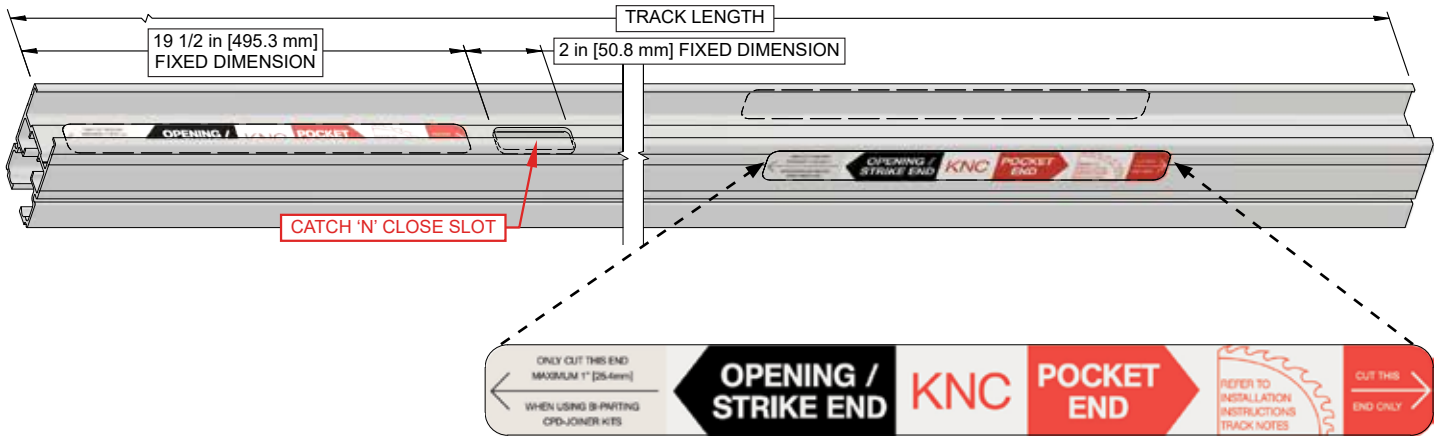
Step #3:

Cut CP-403 aluminum header track per **Track Notes** shown below:

!! Important !!

Track Notes:

The supplied CP-403 Track features a Catch 'N' Close Slot along with stickers strategically placed as shown below. This Catch 'N' Close Slot is required to install and remove Catch 'N' Close Closing Devices without removing door, trim or opening wall. To cut correctly, follow notes and details below:



For single door kits:

Length is equal to $2 \times \text{door width} + 1 \frac{5}{8} \text{ in [41.3 mm]}$. See column "CP-403 Track length required" in **Chart A** for track lengths based on door widths. If track needs to be cut down, cut from "pocket end" of track (indicated by track stickers) as shown.

Catch 'N' Close Slot should remain the same distance from "opening/strike end" of track (indicated by track stickers).

For double/bi-parting door kits:

Before cutting CP-403 to final size, refer to **steps #CPD-2 & CPD-3** in CPD-2X4-Joiner Kit installation instruction before proceeding.

Failure to do so may result in incorrect location and loss of functionality of Catch 'N' Close Slot.

Step #4:

Assemble CC-493 & CP-493 Catch 'N' Close Hangers as shown below:

Fig. 1 Thread 5/16-18 K-Lock Nut [FT17] onto C-493 Easy Connect Stud with lock washer facing bolt head.

Slide 5/16" x 1/4" Flat Nylon Washer [FT48] onto bolt and rest against k-lock nut. (2 x required)

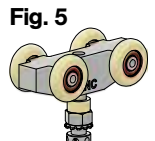
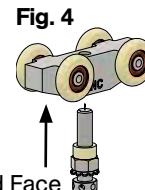
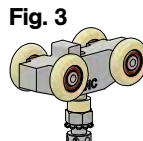
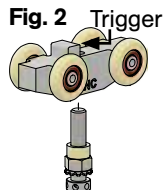
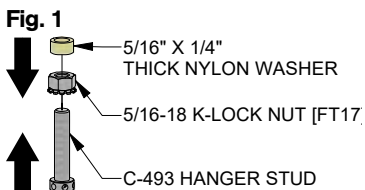
Note: Nylon washer must be installed to prevent damage to Catch 'N' Close Closing Devices.

Fig. 2 Thread assembly from **Fig. 1** into CC-400 Hanger Body from underside (side opposite the trigger), do not thread in fully.

Fig. 3 Completed CC-493 Hanger assembly (1 x required).

Fig. 4 Thread assembly from **Fig. 1** into CP-400 Hanger Body from underside (side with sloped faces), do not thread in fully.

Fig. 5 Completed CP-493 Hanger assembly (1 x required).



Step #5:

On "opening/strike end" of track (refer to track stickers), slide CP-008 Clip (▲) into upper track section in direction shown below.

Note: only CC-493 Hanger (★) is equipped with Catch 'N' Close Trigger and must be oriented correctly for proper operation of door (see below).

Slide CC-493 Hanger assembly (Fig. 3 from step #4) and one (1) CC-100 In-Track Stop into opening/strike end of track.

Slide CP-493 Hanger assembly (Fig. 5 from step #4) and one (1) CC-100 In-Track Stop into pocket end of track.

Note: CP-493 Hanger (■) does not have a trigger. Leave screws on CC-100 In-Track Stops (●) loose to allow stops to slide freely within track. Rubber bumpers of each stop (●) should face inward (toward middle of track).

- ▲ CP-008 Clip
- ★ CC-493 Hanger with trigger
- CP-493 Hanger without trigger
- CC-100 In-Track Stops

Opening/strike end of track

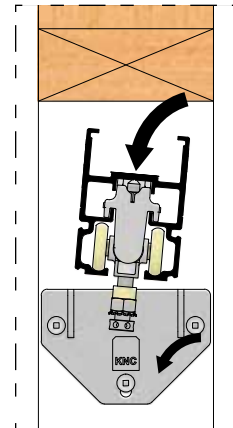
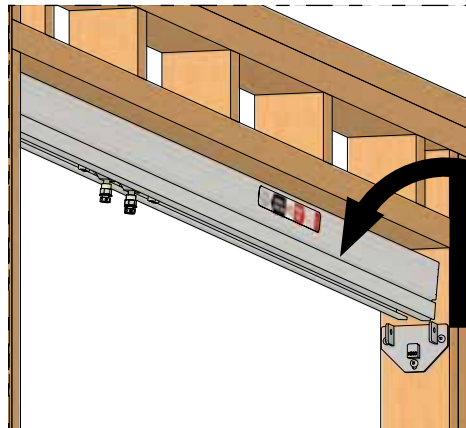
Pocket end of track

Illustrations right show correct positioning of the CP-008 Clip & CC-100 Stops in track

Step #6:

Place CP-403 Header Track c/w hangers and stops onto CP-HB2X4 Header Brackets previously placed in steps #1 - 2.

Note: Top of header track should sit flush with top of header brackets. Ensure track is oriented correctly by referring to track stickers (opening/strike end is pointing towards opening/strike end of rough opening and pocket end is pointing towards pocket end of rough opening).

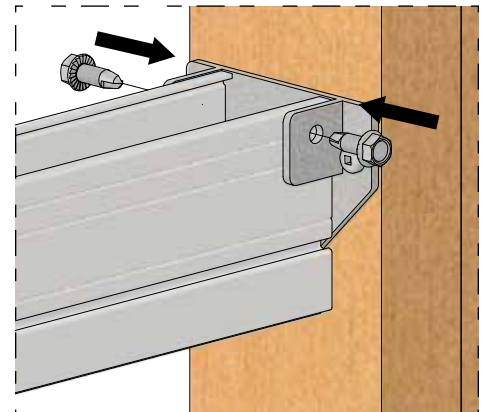
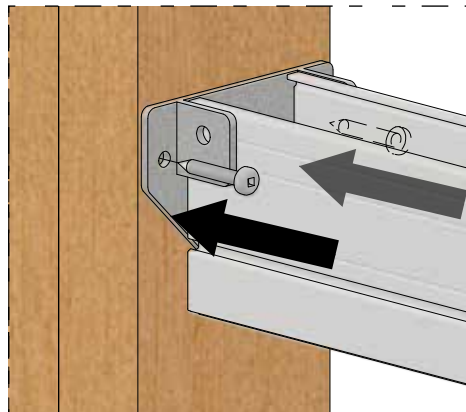
**Step #7:**

Check Header Track levelness and adjust loose header bracket (step #2) until track is level. Secure header bracket with (2) #10 x 1-1/4" Pan Head Screws [FT4].

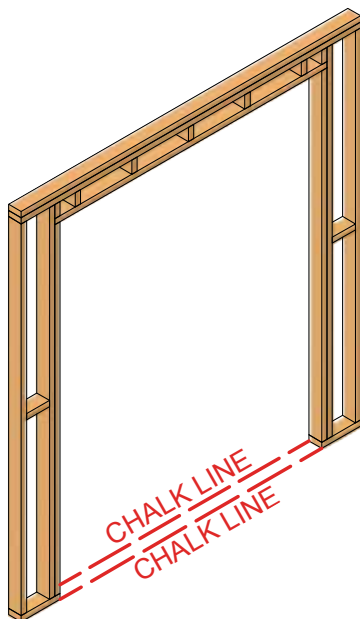
Step #8:

Secure CP-403 Header Track to CP-HB2X4 Header Brackets with (4) #1/4-14 x 3/4" Serrated Hex Tek Screws [FT36], two (2) per bracket.

Note: Impact driver is ideal for this step or pre-drill with Ø9/64 in [3.6 mm] drill bit if desired.

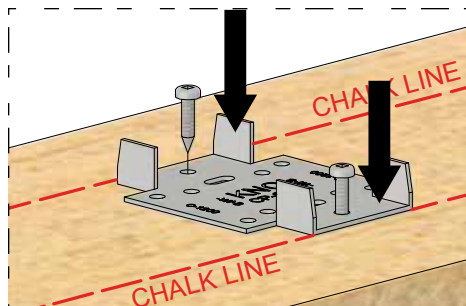
**!! Attention !!**

For double/bi-parting doors kits, refer to steps #CPD-5 & CPD-6 in CPD-2X4-Joiner Kit installation instruction before proceeding.



Step #9:

Use a chalk line against bottom studs of wall to mark lines of opening on both sides as shown below. Locate and secure CP-2X4 Foot Brackets (2) or (3) for extra width kits with (2 per bracket) #8 x 3/4" Pan Head Screws [FT2] as per foot bracket location **Chart C** below.

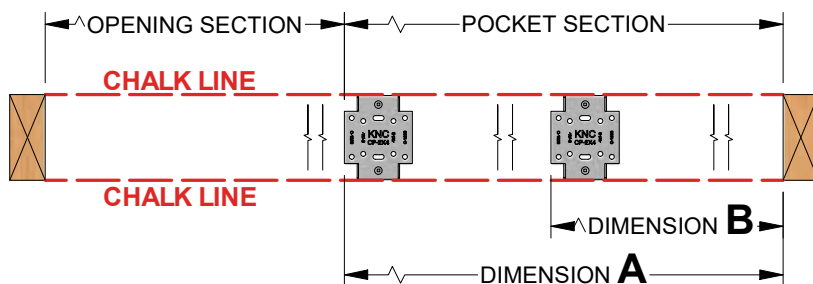


Note: Foot brackets are reversible. Foot brackets are to be mounted on finished floor. If finished floor is not installed, shim foot brackets to thickness of finished floor. Foot bracket location dimensions are based on standard set-up and will accommodate suggested finishing as shown on pages 21-22.

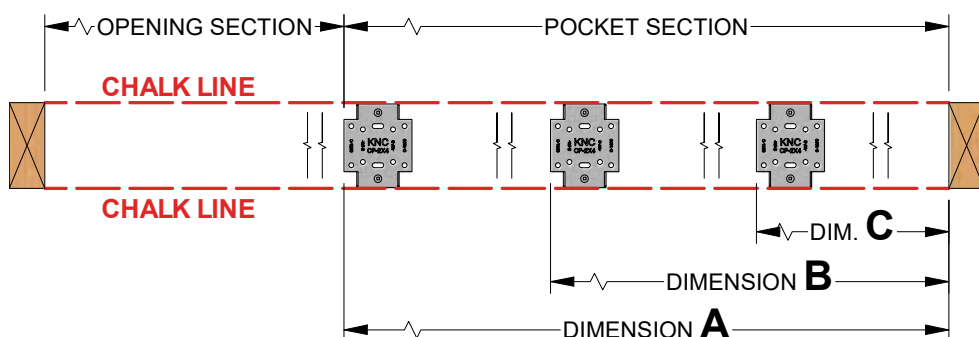
For double/bi-parting door kits, refer to **step #CPD-7** in CPD-2X4-Joiner Kit installation instruction before proceeding.

Chart C: Foot bracket location dimensions A, B, C

Door width			Dimension A		Dimension B		Dimension C	
30 in	(2'-6")	[762 mm]	31 1/2 in	[800 mm]	15 1/2 in	[394 mm]	----	
32 in	(2'-8")	[813 mm]	33 1/2 in	[851 mm]	15 1/2 in	[394 mm]	----	
34 in	(2'-10")	[864 mm]	35 1/2 in	[902 mm]	17 1/2 in	[445 mm]	----	
36 in	(3'-0")	[914 mm]	37 1/2 in	[953 mm]	19 1/2 in	[495 mm]	----	
Below apply to -EXW4 (extra width) Crowder Frame pocket door kits								
38 in	(3'-2")	[965 mm]	39 1/2 in	[1003 mm]	26 1/2 in	[673 mm]	13 1/2 in	[343 mm]
40 in	(3'-4")	[1016 mm]	41 1/2 in	[1054 mm]	28 1/2 in	[724 mm]	15 1/2 in	[394 mm]
42 in	(3'-6")	[1067 mm]	43 1/2 in	[1105 mm]	29 1/2 in	[749 mm]	15 1/2 in	[394 mm]
44 in	(3'-8")	[1118 mm]	45 1/2 in	[1156 mm]	31 1/2 in	[800 mm]	17 1/2 in	[445 mm]
46 in	(3'-10")	[1169 mm]	47 1/2 in	[1207 mm]	32 1/2 in	[826 mm]	17 1/2 in	[445 mm]
48 in	(4'-0")	[1219 mm]	49 1/2 in	[1257 mm]	33 1/2 in	[851 mm]	17 1/2 in	[445 mm]



Standard Plan View
For doors 30 in [762 mm] to 36 in [914 mm] wide

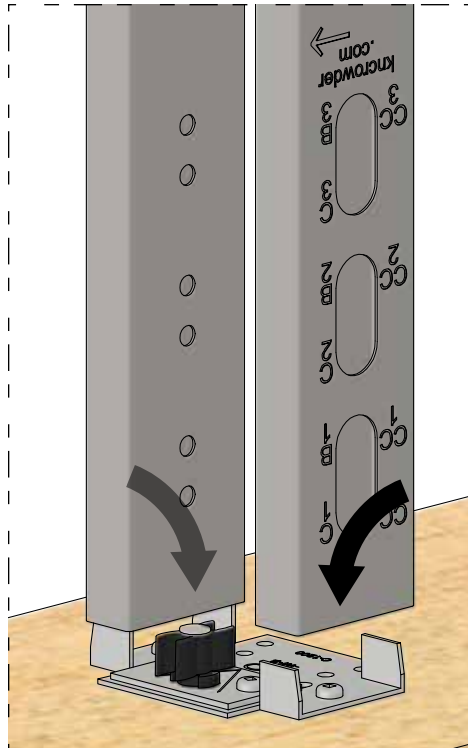
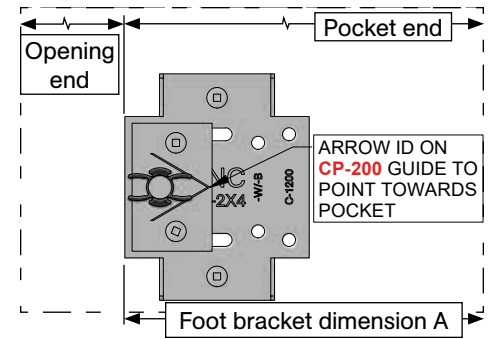
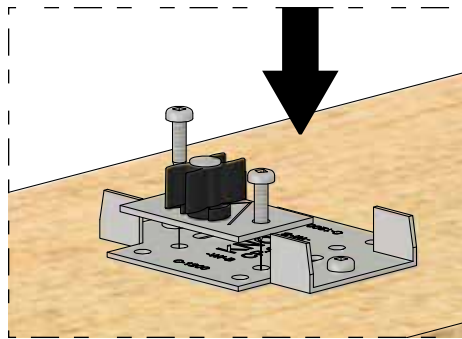


-EXW4 (extra width) Plan View
For doors 37 in [940 mm] to 48 in [1219 mm] wide

Step #10:

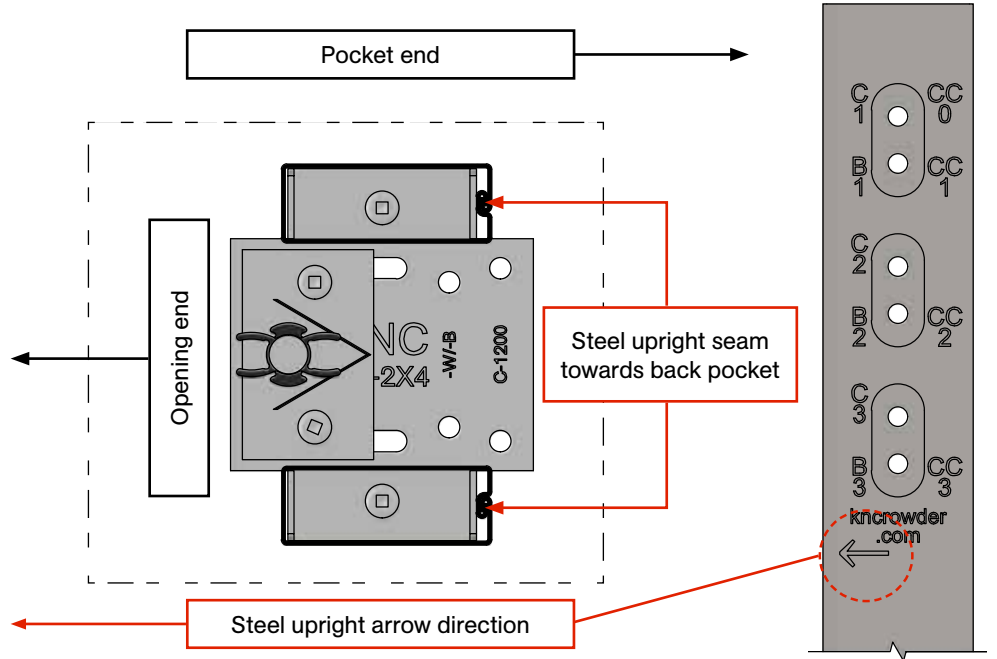
Place CP-200 Guide (1) on foot bracket closest to opening end and secure with (2) #8 x 3/4" Pan Head Screws [FT2].

Note: Ensure arrow ID on CP-200 Guide is facing towards pocket as shown right.



Step #11:

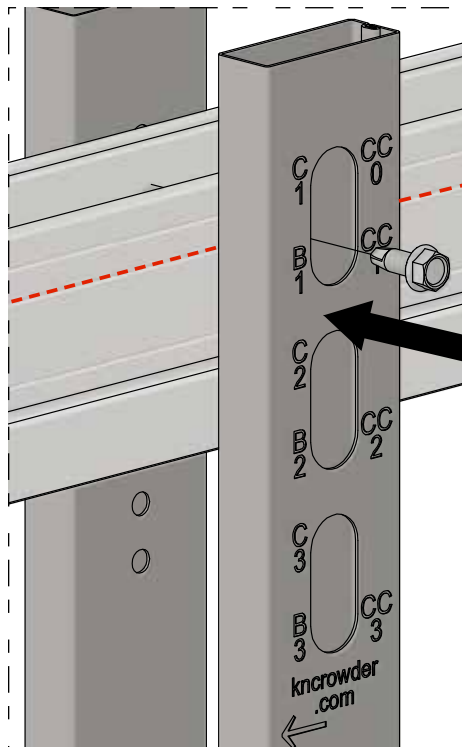
Position CP-8XX Steel Uprights on foot brackets with large oval clearance holes facing out and arrow ID pointing towards opening as shown below.



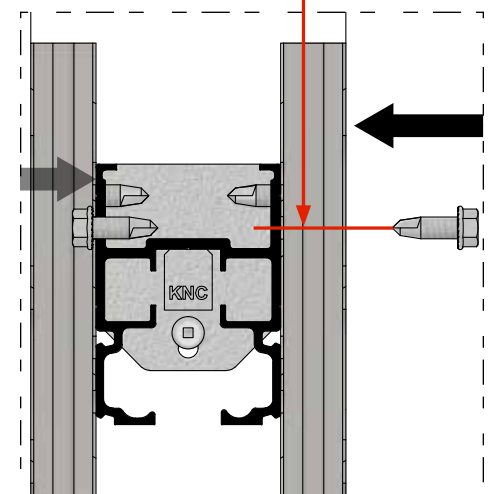
Step #12:

Plumb uprights vertically and secure to CP-403 Header Track with (1 per upright) 1/4"-#14 x 3/4" Serrated Hex Tek Screws [FT36].

Note: Screw and hole in upright should line up with second groove in CP-403 Header Track as shown right (refer to Chart B on page 7 for hole ID number to use). Impact driver is ideal for this step or pre-drill with Ø9/64 in [3.6 mm] drill bit if desired.

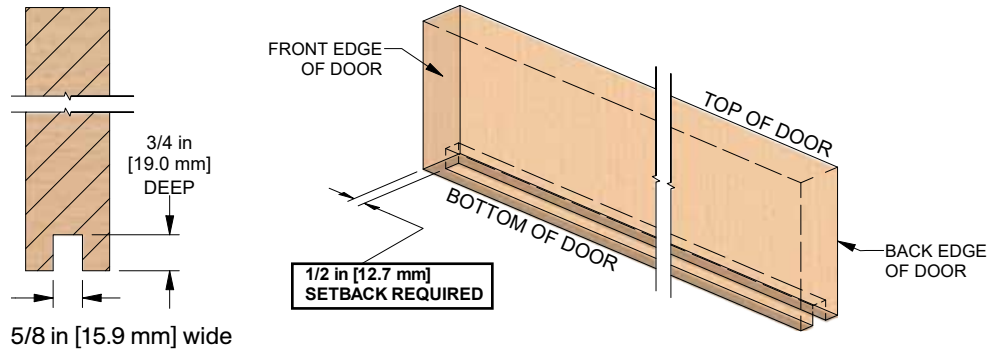


Screw into second groove from top of CP-403 Header Track



Step #13:

Prepare C-201 Guide Channel Slot in bottom of door:
 5/8 in [15.9 mm] wide in center of door,
 3/4 in [19.1 mm] deep and set back
 1/2 in [12.7 mm] from front edge of
 door. It is recommended to make slot as
 accurate as possible for secure fit and
 neat appearance.

**Step #14:**

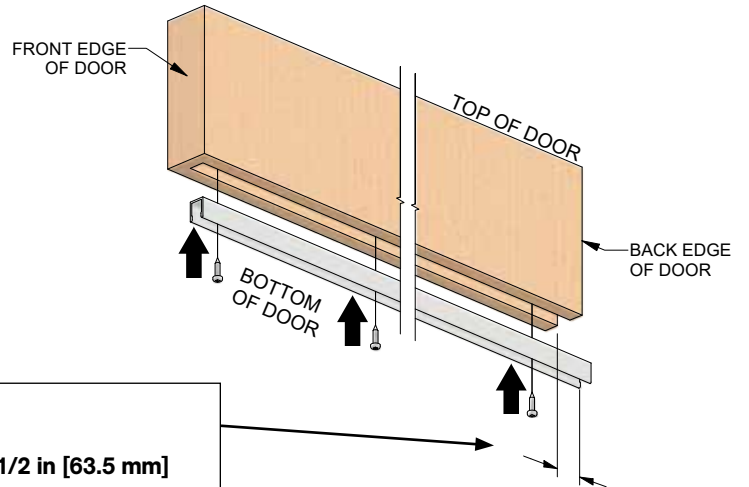
Cut C-201 aluminum guide channel to correct length as required.

For doors up to 36 in [914 mm] wide:

Length = door width + 1/2 in [12.7 mm],
 example: 36 in [914 mm] door = 36 1/2 in [927 mm] guide channel

For doors greater than 36 in [914 mm] up to 48 in [1219 mm] wide:

Length = door width + 2 in [50.8 mm],
 example: 48 in [1219 mm] door = 50 in [1270 mm] guide channel.
 Drill holes in C-201 Guide Channel and pre-drill holes in door. Locate
 C-201 Guide Channel in slot and screw channel into place with
 (4) #8 x 3/4" Pan Head Screws [FT2].

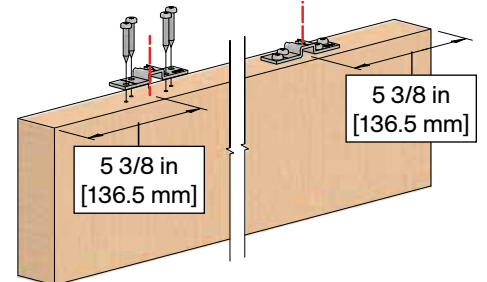
**Guide channel should protrude out back edge of door by:**

For doors up to 36 in [914 mm] wide = **1 in [25.4 mm]**
 For doors greater than 36 in [914 mm] up to 48 in [1219 mm] wide = **2 1/2 in [63.5 mm]**

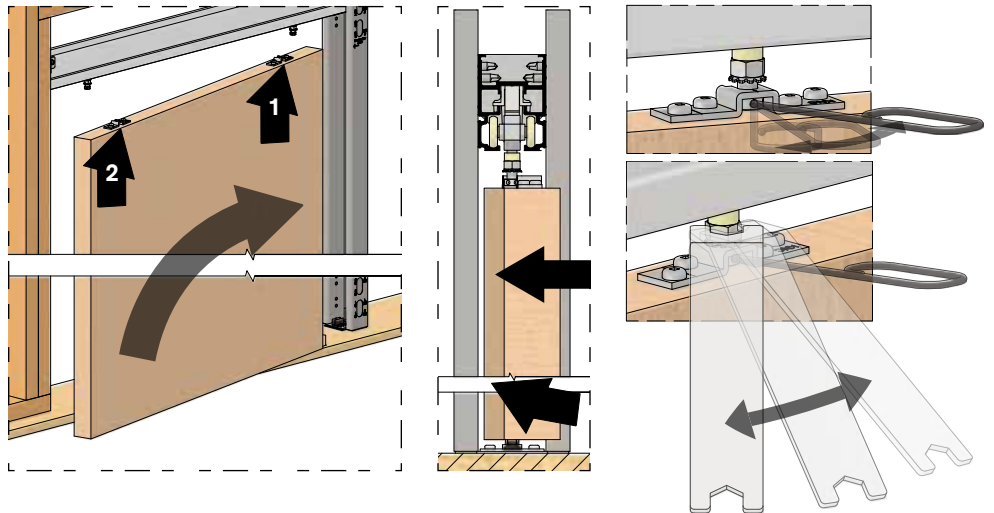
Step #15:

Locate center of "U" slot (dash line shown right) of C-493 Top Plate at 5 3/8 in [136.5 mm]
 from each edge of door (or 3 7/8 in [98.4 mm] from edge of door to leading edge of top
 plate). Mark screw hole locations or use template on page 23 and pre-drill Ø1/8 in [3.2 mm]
 holes at least 1 1/2 in [38.1 mm] deep. Secure C-493 Top Plates with (4 per hanger)
 #10 x 1-1/4" Pan Head Screws [FT4]. See right.

**Note: It is recommended to position top plates as close to dimensions shown. If top
 plates are located further away from the edge, it will be problematic when installing
 Catch 'N' Close Closing Devices and during operation of door.**

**Step #16:**

- Slide hangers in track into opening
- Stand door up in opening
- Raise back end of door and engage top plate "U" slot with C-493 Easy Connect Stud on CP-493 Hanger (closest to pocket) (arrow #1)
- Pivot back end of door into pocket and engage guide channel with pocket guide
- Raise front end of door and engage top plate "U" slot with C-493 Easy Connect Stud on CC-493 Hanger (closest to opening) (arrow #2)
- Adjust door height and plumb by using C-AR93 Adjustment Rod on C-493 Easy Connect Studs
- Lock final height adjustment with k-lock nuts using CP-Wrench



Step #17:

After door has been installed, position door approximately 5-10 in [127-254 mm] away from final position at one end (shown right with left side). Push loose CC-100 Stop (installed in **step #4**) against hanger body as shown right:

**Step #18:**

With CC-100 Stop loose, slide door to final/desired position of door as shown right.

Note: Ensure that strike and trim thickness are taken into consideration for final/desired position of door. See pages 21-22 for suggested finishing.

**Step #19:**

Once final position is achieved, slide door away from CC-100 Stop. Lock CC-100 Stop in position by tightening two cap screws on CC-100 Stop with 3/16" allen key (CC-100 is secured by friction fit with cone point screws).

**Step #20:**

Repeat **steps #17 - 19** for opposite side.

Note: Ensure that strike and trim thickness are taken into consideration for final/desired position of door. See pages 21-22 for suggested finishing.

Step #21:

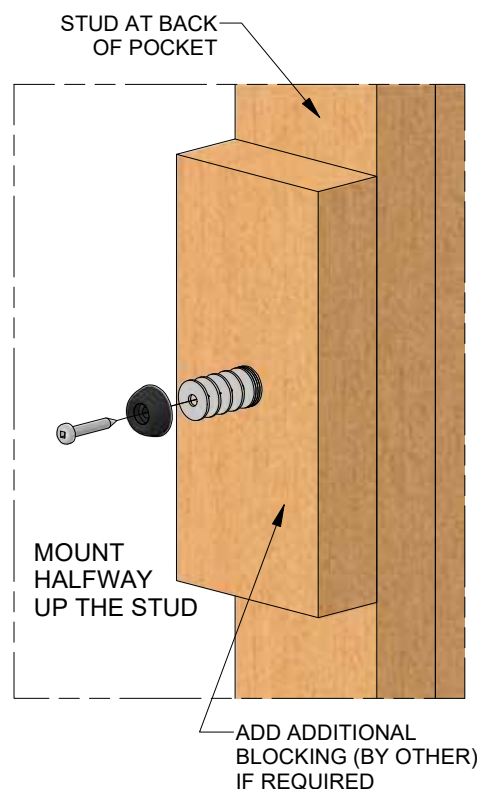
On pocket end framing jamb, mark halfway point from floor to under side of track. Push door into opened position (door in pocket). Measure distance from back edge of door to jamb. Install (1) C-99 Rubber Bumper with (1) #10 x 1-1/4" Pan Head Screw [FT4] and 3/16" Spacer Washers [FT12] (quantities are as required to fit in gap previously measured) to pocket jamb to act as secondary stop for door in opened position.

Note: Additional blocking may be required to fill wide gaps.

Step #22:

Before installing Catch 'N' Close Closing Device, ensure one is in retracted position (for opening/strike end) and one is in extended position (for pocket end) as shown below. If not in required positions, slide one hook down until it locks or push one hook to extend into required position.

Note: Requires significant finger pressure.

**Important Catch 'N' Close Closing Device notes:**

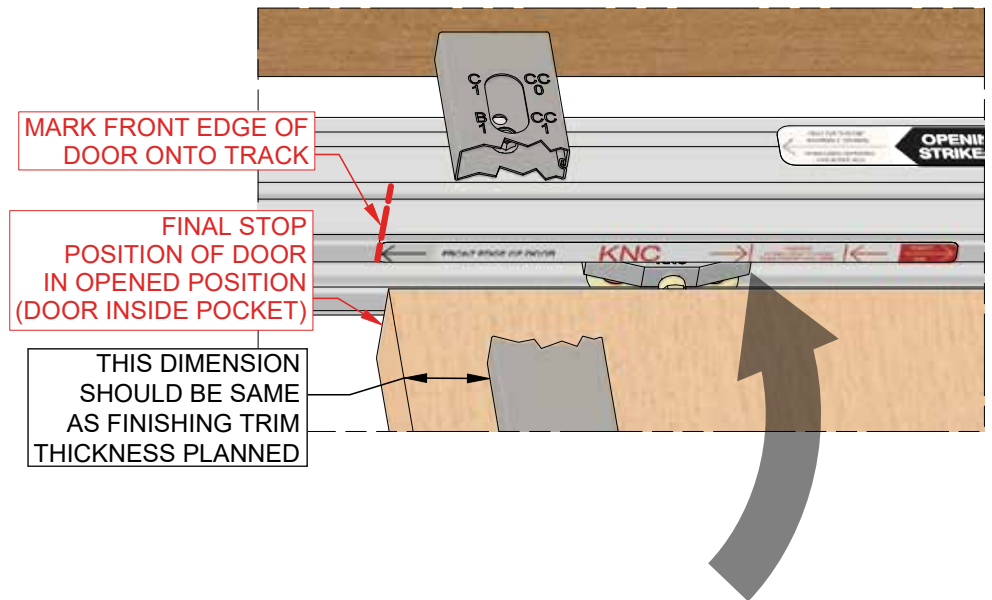
If doors are 75 lbs. [34 kg] or less, ensure CC-75 Catch 'N' Close Closing Devices are used.
If doors are minimum 75 lbs. [34 kg] up to 150 lbs. [68 kg], ensure CC-1 Catch 'N' Close Closing Devices are used.



Step #23:

Pocket end Catch 'N' Close Closing Device will be installed using CP-008 Catch 'N' Close Crowder Frame Clip. With door in fully opened position (door in pocket with CP-493 Hanger hitting CC-100 Stop previously secured in **steps #17 - 20**), mark front leading edge of door on underside surface of track.

Note: Ensure that strike and trim thickness are taken into consideration for final position of door. See pages 21-22 for suggested finishing.

**Step #24:**

Place CP-009 Clip Locator Sticker onto underside surface of track with front leading edge (indicated by black arrow – “front edge of door”) on previously marked line on track with sticker going into pocket as shown above.

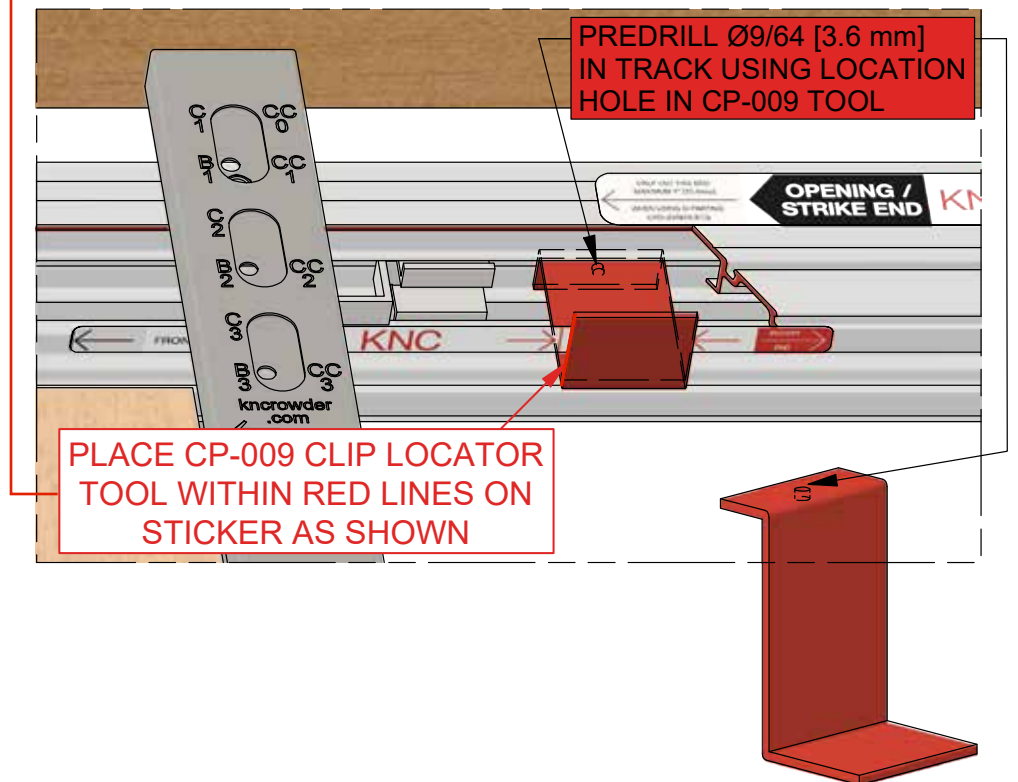
Ensure entire sticker is applied straight and smooth to underside of track.

Note: if hanger is not mounted at 5 3/8 in [136.5 mm] from edges, sticker location will need to be adjusted accordingly. Failure to do so will result in door not opening to final position as required.

Step #25:

Slide door into closed position (door in opening) and place CP-009-CLT Clip Locator Tool into middle of track as shown right. Line outside edges of tool within red lines on sticker. Hold tool in place, mark and/or drill (using a Ø9/64 in [3.6 mm] drill bit, drill bit extension may be required) through small hole on top flange. Drill through inside top surface of track. Hole drilled into track is used to locate CP-008 Clip. Tool locator sticker can be removed or left in place.

Note: Final trim may not hide sticker.



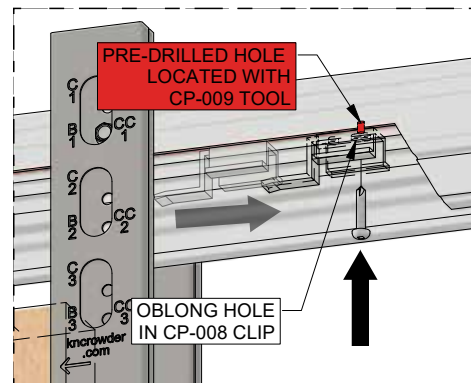
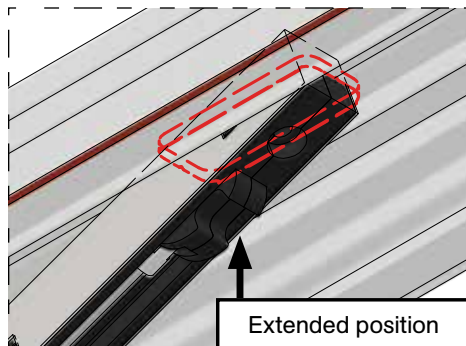
Step #26:

Slide CP-008 Clip into position with oblong hole positioned over pre-drilled hole. Secure CP-008 Clip with (1) #10 x 1" Pan Head Self-Drilling Screw [FT26] through oblong hole only (this will allow for minor adjustment before final securement).

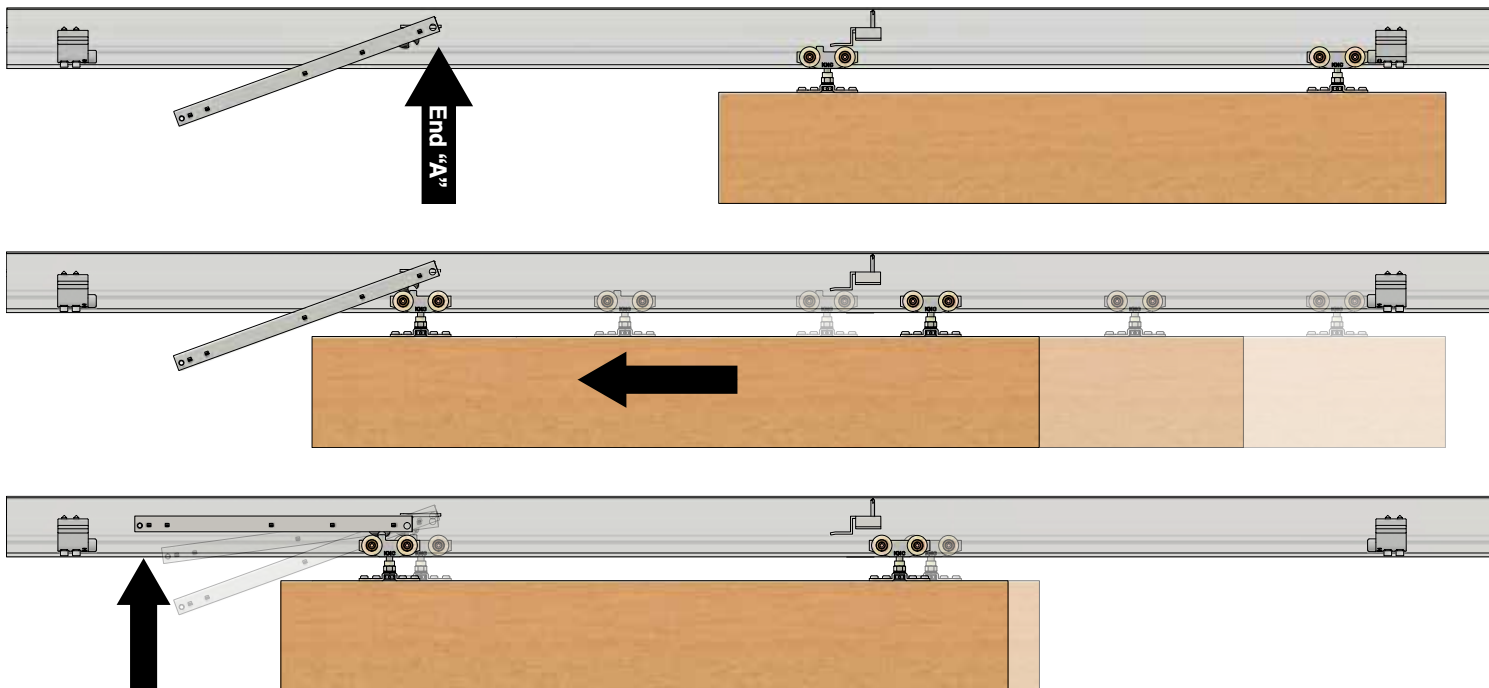
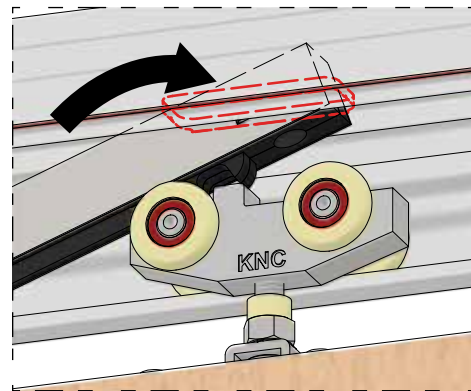
Note: Remove any drill fillings from inside track.

Step #27:

Slide door back into pocket. Place Catch 'N' Close Closing Device in extended position, leading end "A" first, into opening of track where Catch 'N' Close Slot is located as shown right. Position Catch 'N' Close Closing Device leading end "A" into Catch 'N' Close Slot at slight angle so that extended hook is still visible as shown right.

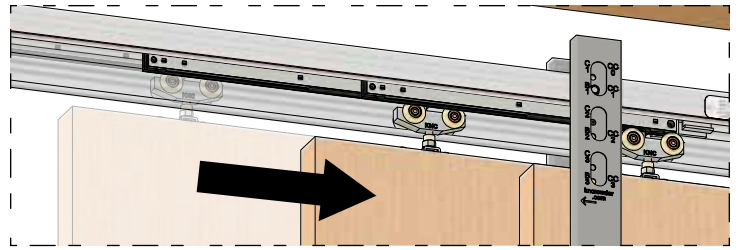
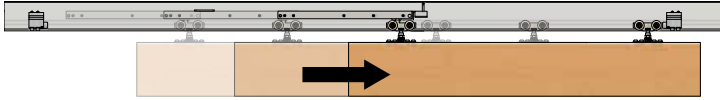
**Step #28:**

Pull door towards closed position (door in opening) and as CC-493 Hanger with trigger gets close to Catch 'N' Close Closing Device held in position, gently engage trigger on hanger with extended hook on Catch 'N' Close Closing Device. Once hanger trigger has engaged hook on Catch 'N' Close Closing Device, slowly continue to pull door towards closed position (door in opening) and simultaneously rotate Catch 'N' Close Closing Device upwards until parallel with track/sitting against inside top surface of track. During movement Catch 'N' Close Closing Device will leave Catch 'N' Close Slot. To ensure proper engagement, slightly push/pull Catch 'N' Close Closing Device within track. Door should move in both directions with Catch 'N' Close Closing Device. If not properly engaged remove device using Catch 'N' Close Slot and repeat **steps #27 - 28** until device hook is engaged properly with hanger trigger.



Step #29:

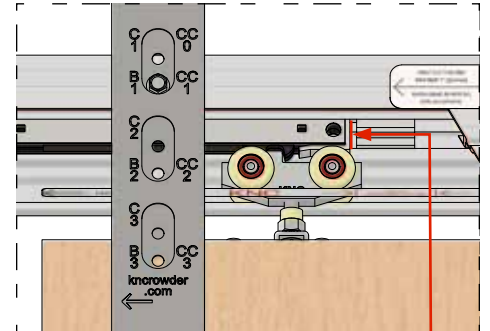
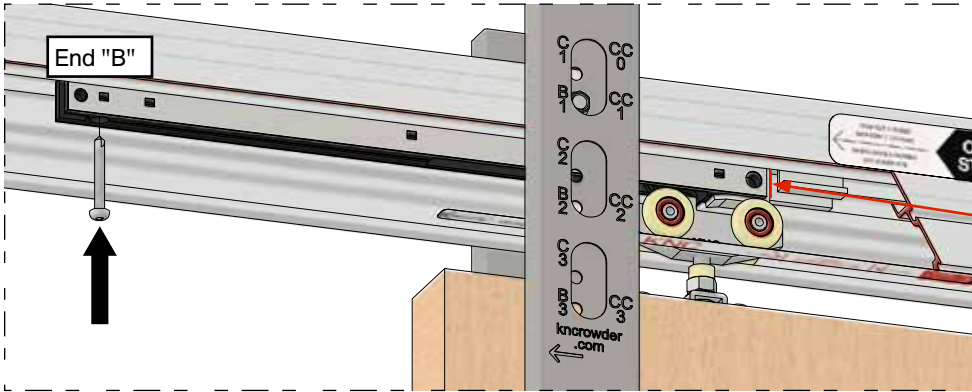
Slide Catch 'N' Close Closing Device and door past Catch 'N' Close Slot back into pocket. Slide back until Catch 'N' Close Closing Device leading end "A" is fully seated in CP-008 Clip previously installed as shown below.



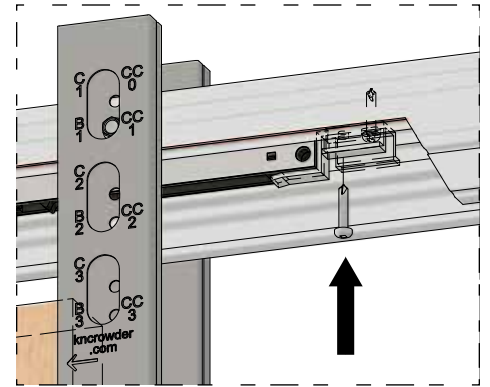
Step #30:

Check door position. If in correct position, secure end "B" of Catch 'N' Close Closing Device with (1) #10 x 1-1/2" Pan Head Self-Drilling Screw [FT5].

Note: If using impact driver to secure Catch 'N' Close Devices to track, do not overtighten screws. It is recommended to pre-drill track with Ø9/64 in [3.6 mm] drill bit.

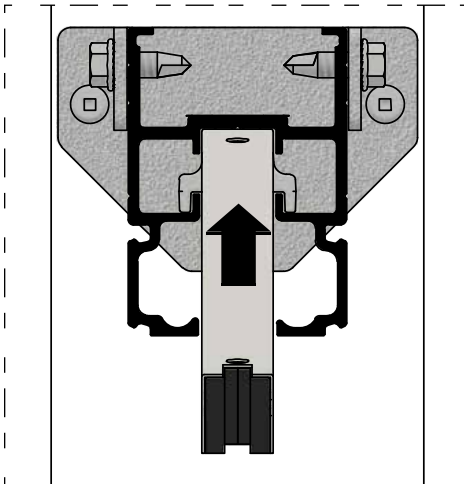


End "A" of Catch 'N' Close Closing Device to sit against CP-008 Clip as shown



Check operation of door & Catch 'N' Close Closing Device and ensure opened position (door in pocket) is correct. Slide door into closed position (door in opening). Secure CP-008 Clip in final position with second (1) #10 x 1" Pan Head Self-Drilling Screw [FT26].

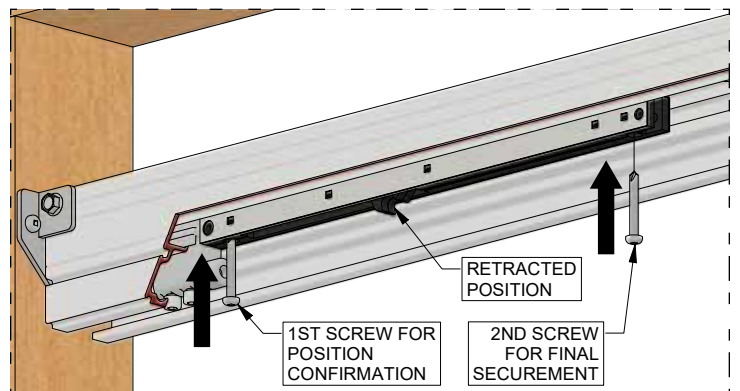
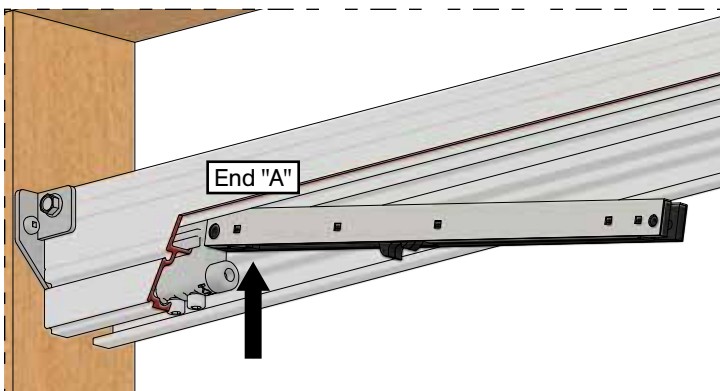
Note: Remove any drill fillings from inside track.



Step #31:

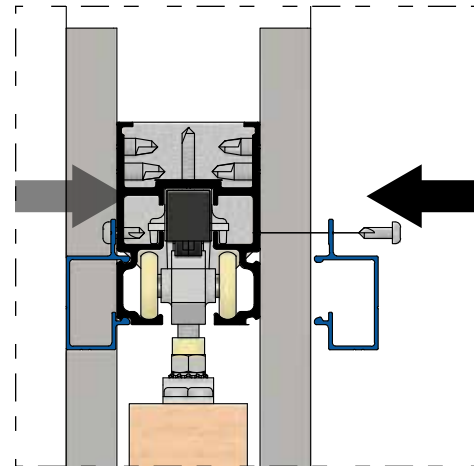
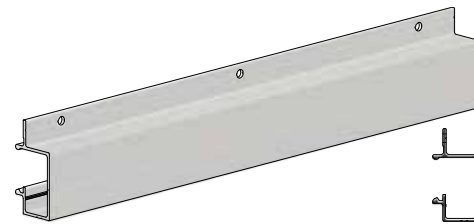
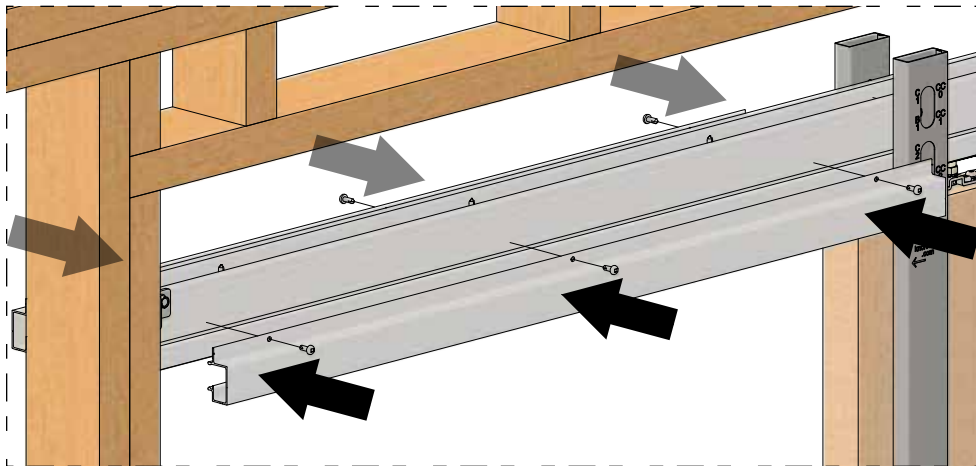
With door in open position (door in pocket), place retracted Catch 'N' Close Closing Device into opening end of track (closest to strike jamb) with leading end "A" resting against upper body of CC-100 Stop (installed previously). With Catch 'N' Close Closing Device resting tight against upper body of CC-100 Stop, secure Catch 'N' Close Closing Device to track with (2) #10 x 1-1/2" Pan Head Self-Drilling Screws [FT5].

Note: if using impact driver to secure Catch 'N' Close Devices to track, do not overtighten screws. It is recommended to pre-drill track with Ø9/64 in [3.6 mm] drill bit. Secure first screw closest to CC-100 Stop only and test system by sliding door to activate Catch 'N' Close Closing Device. If in correct position, secure with second screw. Remove any drill fillings from inside track.



Step #32:

If required, measure and cut CP-830 Drywall Supports to fit in opening between header bracket and first upright. If pre-punched holes are cut off, re-drill with Ø11/64 in [4.4 mm] drill bit for a total of 3 or 4 holes per piece of CP-830 Drywall Support. Two equal length pieces are required for installation. Snap CP-830 Drywall Supports onto CP-403 Header Track as shown below with step in drywall support facing down towards floor. Once snapped on, secure with (3-4 per side) #8 x 1/2" Self-Drilling Screws [FT32].



Step #33:

Refer to finishing suggestions, dimensions & installation steps on pages 21-22.

Important note:

Remember to clean inside of track before finishing opening. Use an air gun to blow air into track or use a cloth to wipe it. This will help eliminate any aluminum shavings or debris that may have fallen into track. If not cleaned out, shavings or debris may prevent hangers from rolling smoothly.

Troubleshooting

Issue	Solution
Chatter/noise when door is sliding	Ensure there are no aluminum shavings within track. Shavings can become embedded in nylon tires and cause noise during operation.
Door is hard to move	Ensure guide channel secured to bottom of door is not over-tightened as this could cause sides of guide channel to "pinch" guide. Remove door and check guide channel by rolling guide roller in channel to ensure smooth travel. There should be little to no resistance. Ensure door is not dragging on bottom of floor/guides and adjust height of door as required.
Door rattles	Ensure locking nuts & screws on hangers are secured and not loose.
Door is not engaging closing device	Ensure hangers are correctly oriented. See steps #4 - 5 . Ensure Catch 'N' Close Closing Devices are in correct retracted or extended position prior to sliding door closed/open. See step #22 .
Replacing Catch 'N' Close Closing Device installed with CP-008 Clip & Catch 'N' Close Slot in track. (only applies to kits for doors 30 in [762 mm] to 48 in [1219 mm] wide)	In case of pocket end Catch 'N' Close Closing Device, CP-008 Clip, and Catch 'N' Close Slot in track are designed for replacement of the Catch 'N' Close Closing Device without removal of trim and/or door, cutting a hole in wall, or taking system down. First remove closing/strike end Catch 'N' Close Closing Device by removing two screws and taking out of track. For pocket Catch 'N' Close Closing Device, remove one visible screw in opening and pull door and Catch 'N' Close Closing Device out of pocket. As door/Catch 'N' Close Closing Device reaches Catch 'N' Close Slot in track, Catch 'N' Close Closing Device will drop down. Once dropped, slide door back into pocket, allowing Catch 'N' Close Closing Device to be removed from track. To replace the pocket end Catch 'N' Close Closing Device follow step #27 - 30 on pages 15-16, reinstalling the leading/strike Catch 'N' Close Closing Device afterwards.

Installation Steps

If Installing Drywall Prior to Door

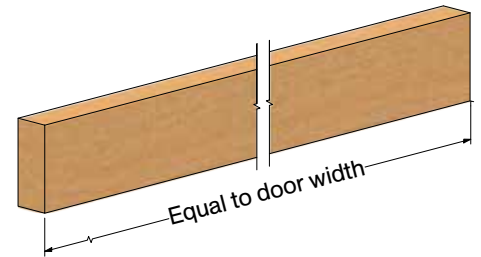
Step #D1

Follow **steps #1 - 12** on pages 7-11.

Step #D2

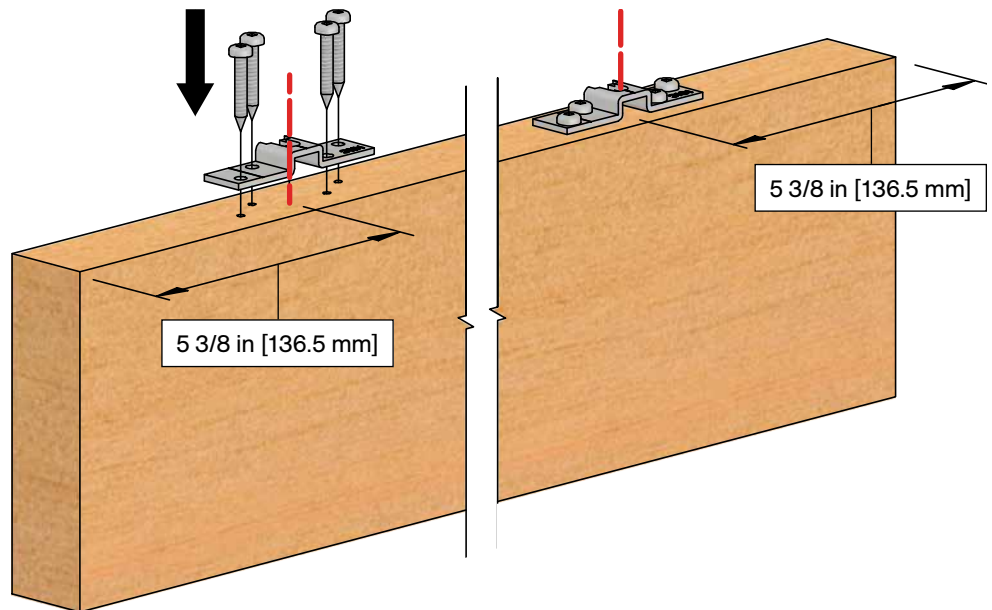
Obtain a relatively straight scrap piece of lumber (ideally 2X6 framing lumber, not supplied by KN Crowder), and cut to size. Length should be same width as door to be installed at a later time. For example, if door width is 36 in [914 mm], lumber length should be 36 in [914 mm].

This piece of lumber will be referred to as door template.



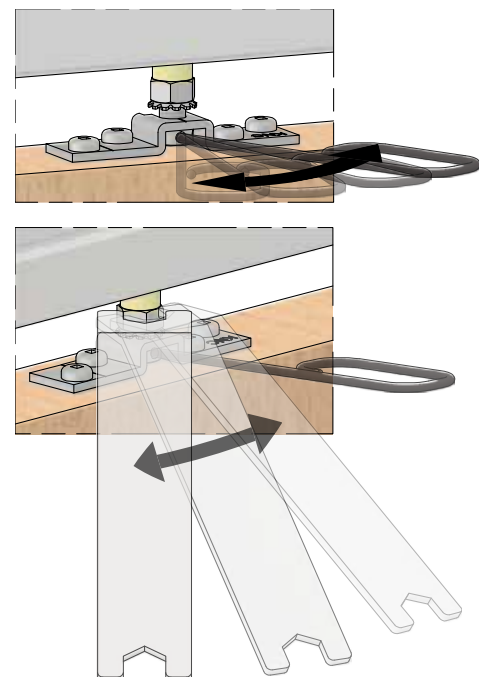
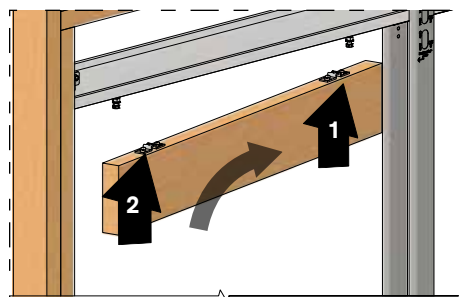
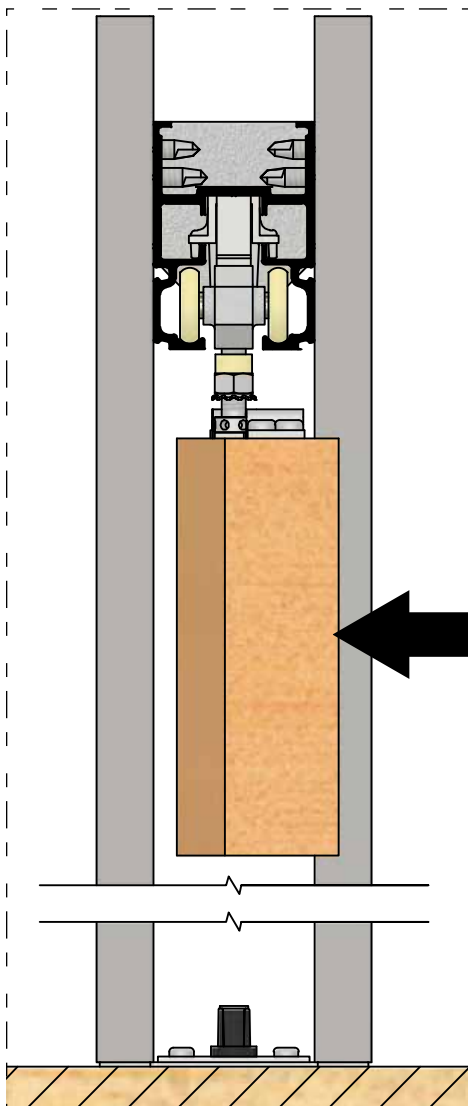
Step #D3:

Locate center of "U" slot (dash line shown below) of C-493 Top Plate at 5 3/8 in [136.5 mm] from each edge of door template. Mark screw hole locations or use template on page 23 and pre-drill Ø1/8 in [3.2 mm] holes at least 1 1/2 in [38.1 mm] deep. Secure C-493 Top Plates with (4 per hanger) #10 x 1-1/4" Pan Head Screws [FT4].



Step #D4:

- Slide hangers in track into opening
- Position door template in opening
- Raise back end of door template and engage top plate "U" slot with C-493 Easy Connect Stud on CP-493 Hanger (closest to pocket) (arrow #1)
- Pivot back end of template door into pocket
- Raise front end of door template and engage top plate "U" slot with C-493 Easy Connect Stud on CC-493 Hanger (closest to opening) (arrow #2)
- Adjust door template and plumb by using C-AR93 Adjustment Rod on C-493 Easy Connect Studs
- Lock final height adjustment with k-lock nuts using CP-Wrench



Step #D5:

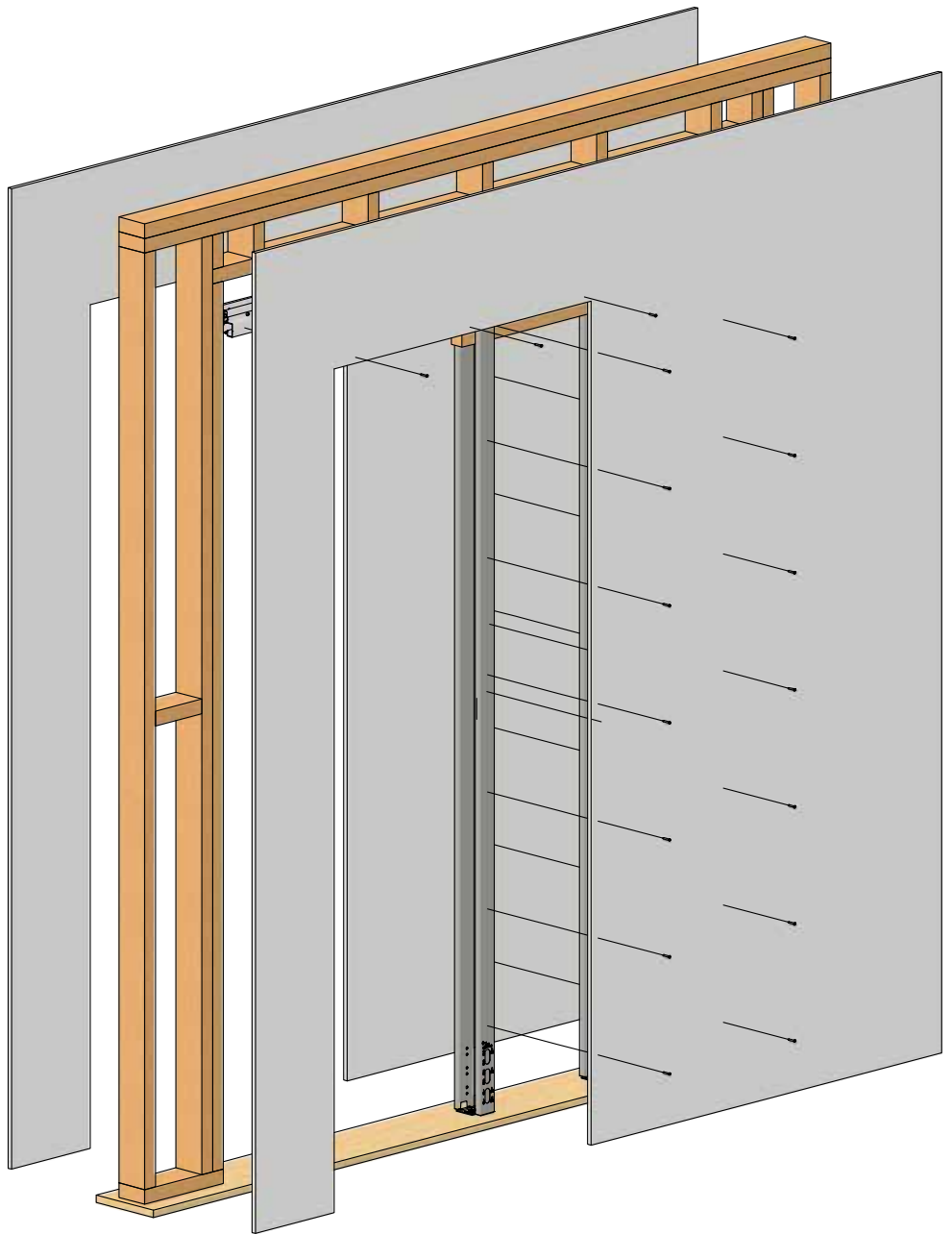
Follow **steps #17 - 32** on pages 13-17.

Step #D6:

Install & finish drywall as required. Ensure drywall is cut back to strike jamb, first set of steel uprights and CP-830 Drywall Support to exposed pocket door opening. This will be the “drywall rough opening” of the pocket door system.

Important drywall installation notes:

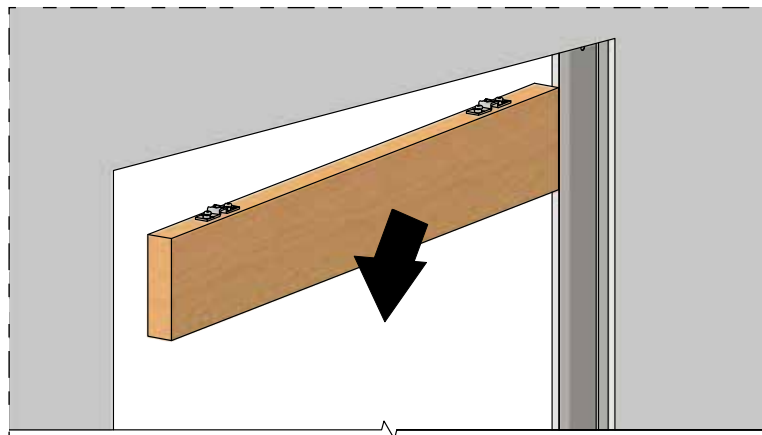
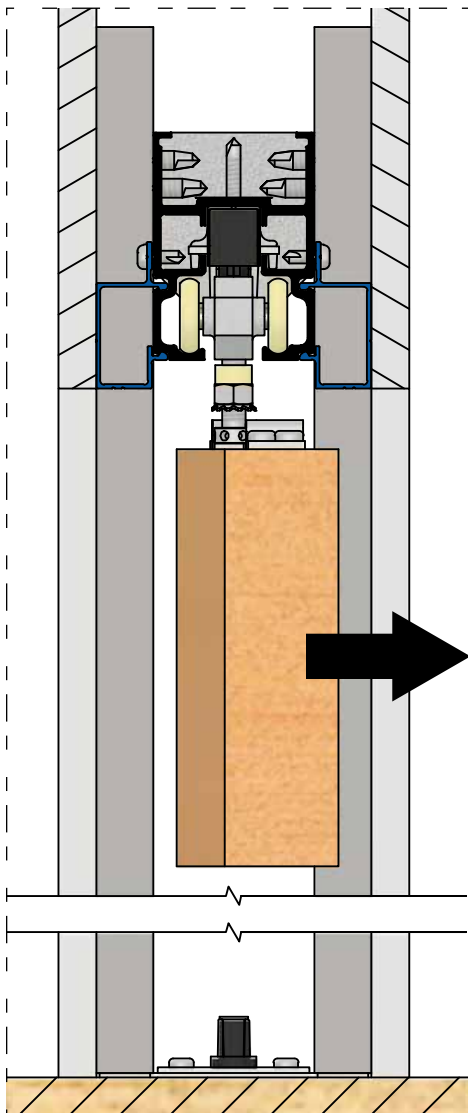
Use 1 in [25.4 mm] long drywall screws only (provided) when securing drywall to uprights & drywall supports. Longer screws will penetrate inside face of steel upright and damage door or affect door travel. Fasten drywall to bottom of steel uprights working upwards to top. It is recommended to use 8 drywall screws per upright and 4 per drywall supports.

**Step #D7:**

Once door is on site, follow **steps #13 - 14** on page 12.

Step #D8:

Remove door template from pocket by disengaging from hangers in track (reverse **step #D4**)

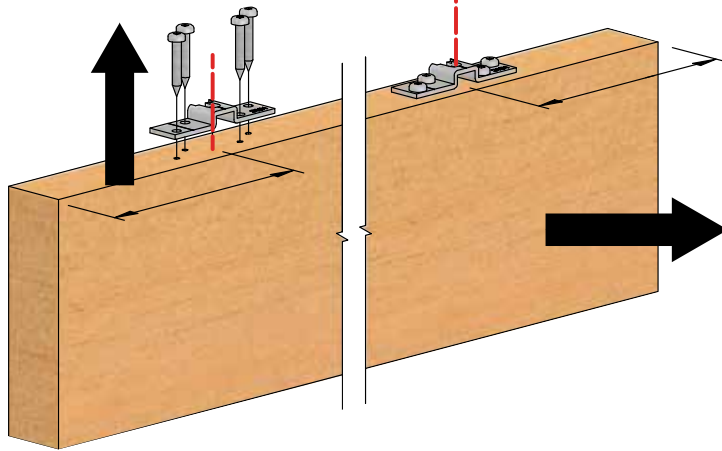


Step #D9:

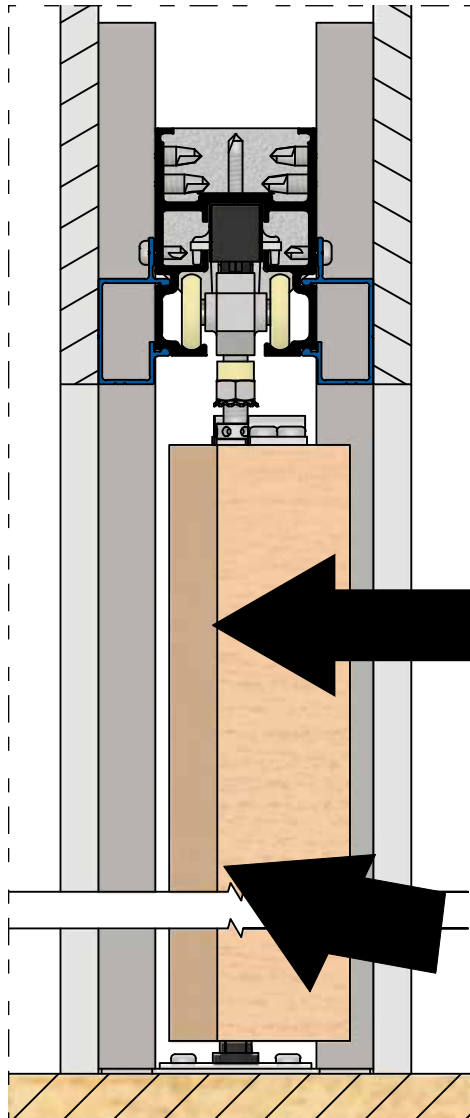
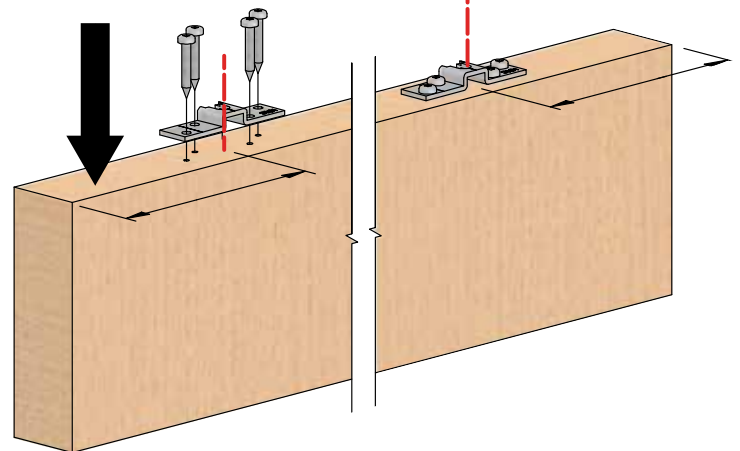
Remove top plate assemblies from door template and mount onto top of actual door in same position as door template in **step #D3**.

Note: must be mounted at same distance from edge of door as on the door template. Failure to do this will result in door not opening or closing fully in pocket.

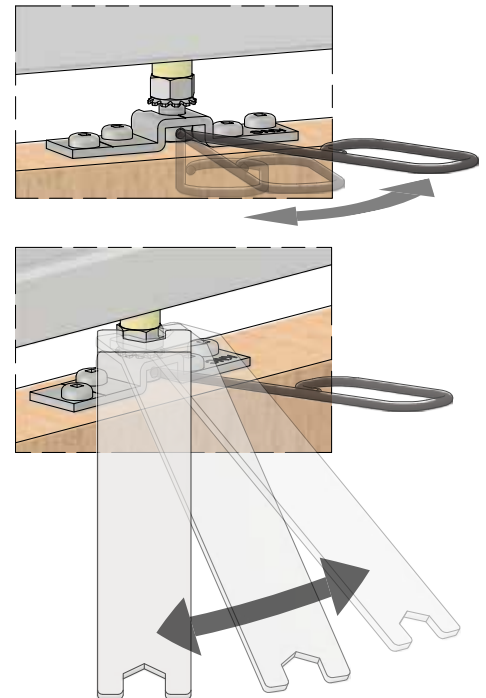
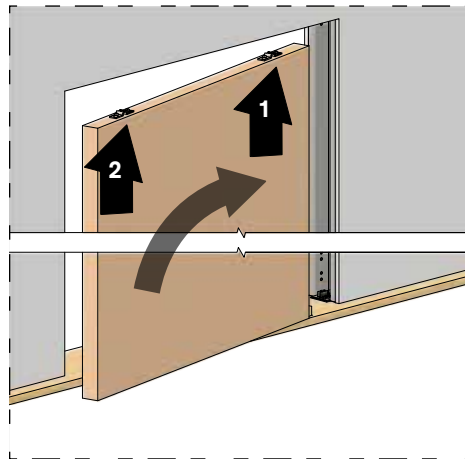
Door template



Actual door

**Step #D10:**

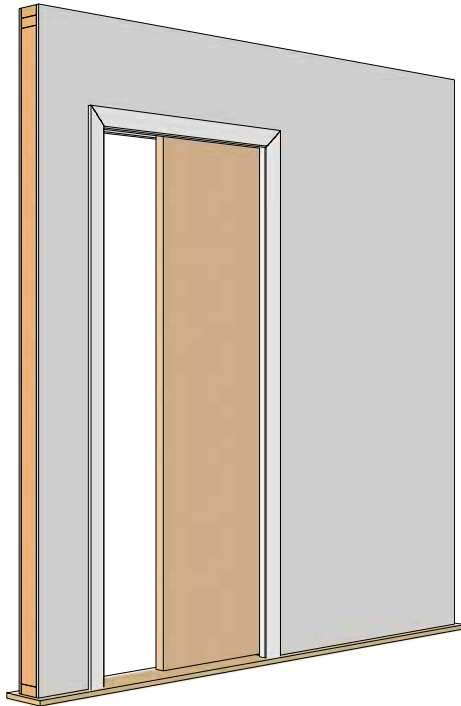
- A. Slide hangers in track into opening
- B. Stand door up in opening
- C. Raise back end of door and engage top plate "U" slot with C-493 Easy Connect Stud on CP-493 Hanger (closest to pocket) (arrow #1)
- D. Pivot back end of door into pocket and engage guide channel with pocket guide
- E. Raise front end of door and engage top plate "U" slot with C-493 Easy Connect Stud on CC-493 Hanger (closest to opening) (arrow #2)
- F. Adjust door height and plumb by using C-AR93 Adjustment Rod on the C-493 Easy Connect Studs
- G. Lock final height adjustment with k-lock nuts using CP-Wrench

**Step #D11:**

Finish project with finishing requirements such as trim, door jambs, etc (all by others). Refer to finishing suggestions, dimensions & installation steps on pages 21-22.

Suggested Finishing & Dimensions

Complete Type CC-B kit illustrated with framing, drywall, & suggested finishing by others.

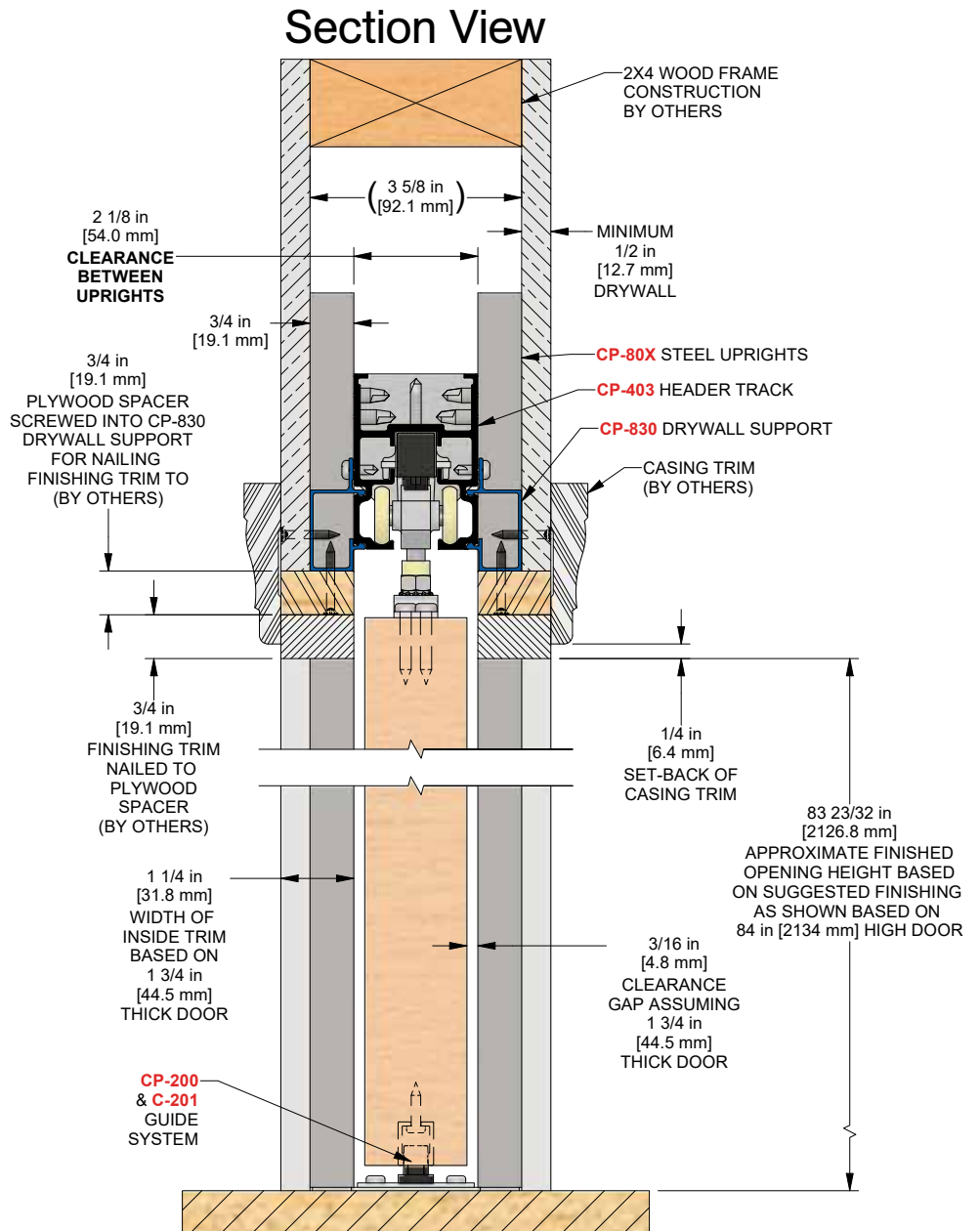


Note:
For double door kits using CPD-2X4-Joiner Kit, use this section detail for reference.

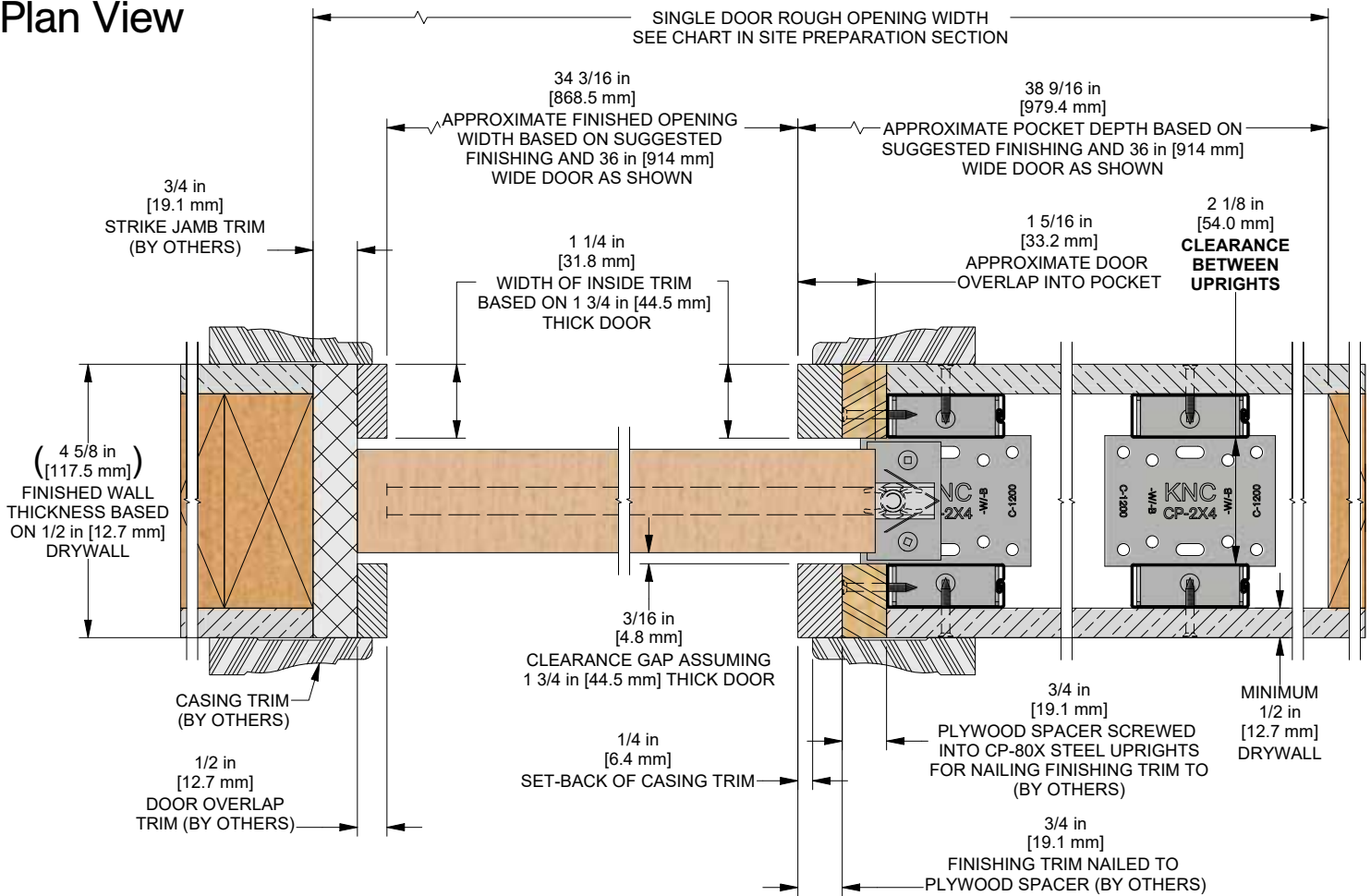
To illustrate complete installation process, suggested trim details and dimensions are shown. Site trim details and dimensions must be verified by installer and may require adjustment of dimensions that follow.

KN Crowder is not responsible for any finishing details.

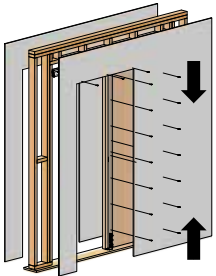
Suggested details are based on a 36 in [914 mm] wide x 84 in [2134 mm] high door using **Type CC-B** Catch 'N' Close Crowder Frame pocket door kit.



Plan View



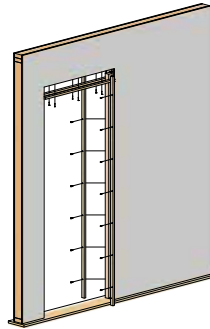
Finishing Steps



Step #F1:

Use 1 in [25.4 mm] long drywall screws only (provided) when securing drywall to uprights & drywall supports. Fasten drywall alternating between top & bottom of steel uprights. It is recommended to use 8 drywall screws per upright and 4 per drywall supports.

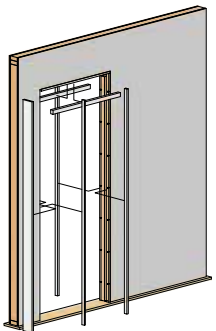
Note: Longer screws may penetrate inside face of steel upright and damage door or affect door travel.



Step #F2:

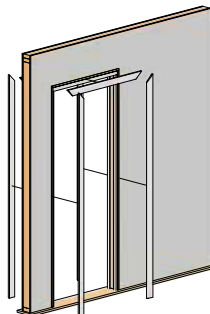
Install plywood/wood spacer (by others) to steel uprights & drywall support using screws (by others).

Note: Installing plywood/wood spacers will allow finishing trim to be nailed to spacers with a brad nailer for smaller holes to fill after installation.



Step #F3:

Install jamb finishing board on strike side and finishing pocket trim at header and pocket side of opening (by others).

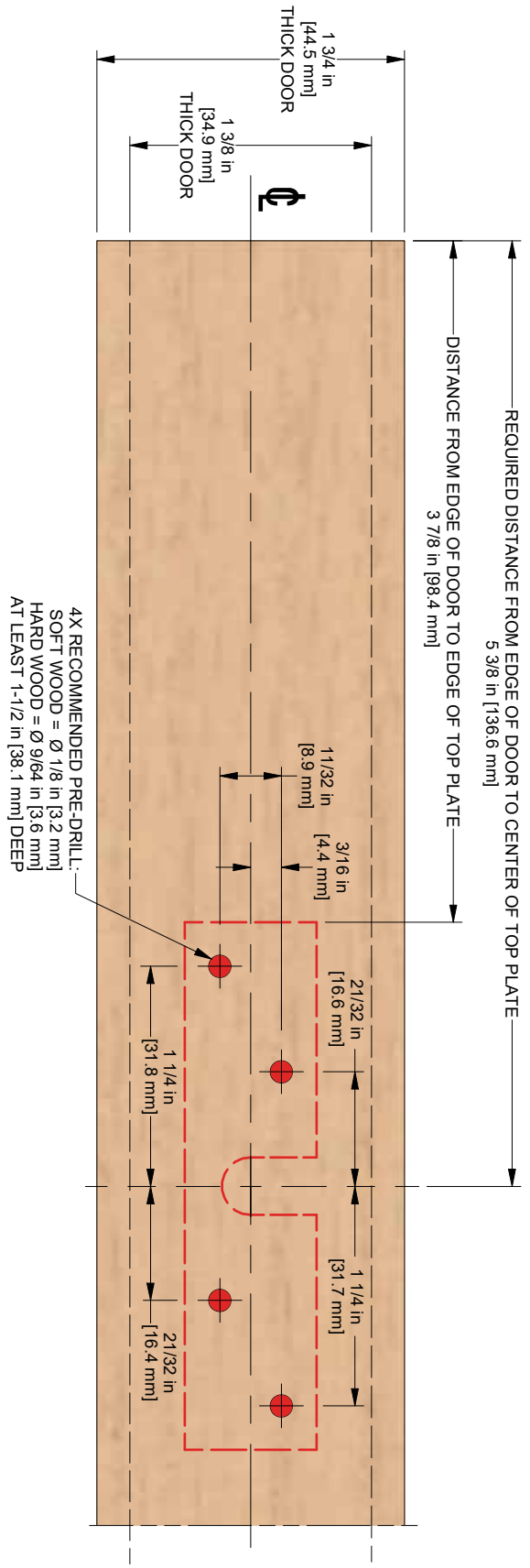


Step #F4:

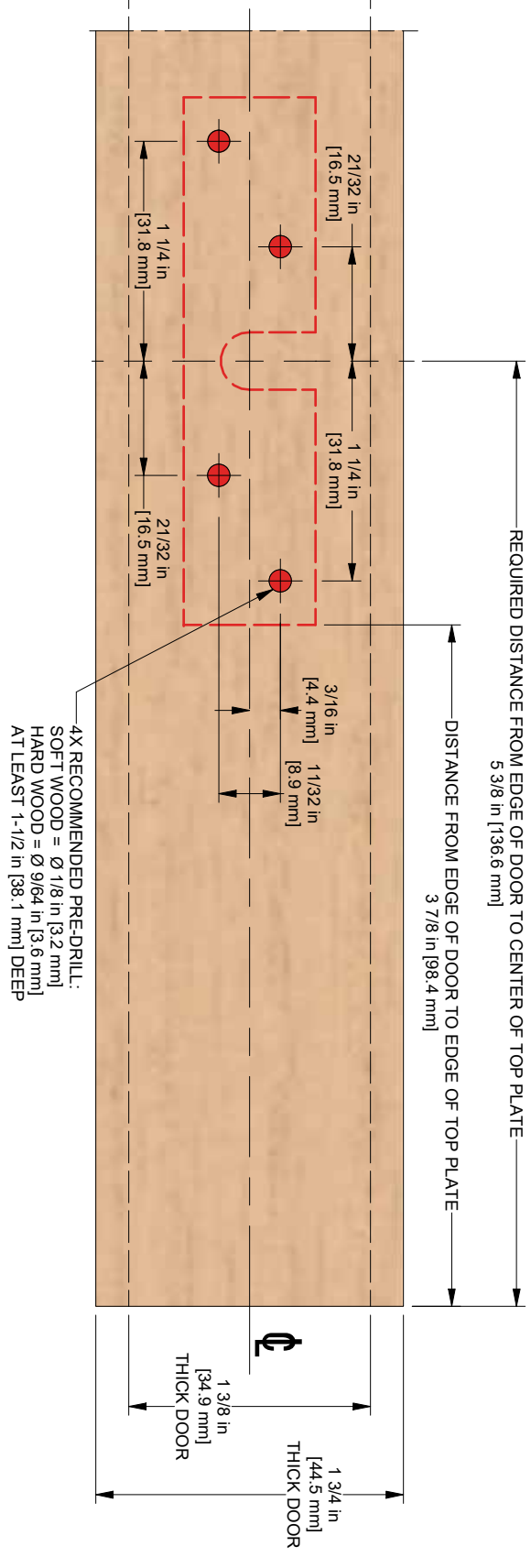
Install finishing casing around opening (by others).

Note: It is recommended to make one side of trim "easily" removable for future access for maintenance purposes.

TOP PLATE LOCATION TEMPLATE



TOP PLATE LOCATION TEMPLATE



How It All Comes Together

