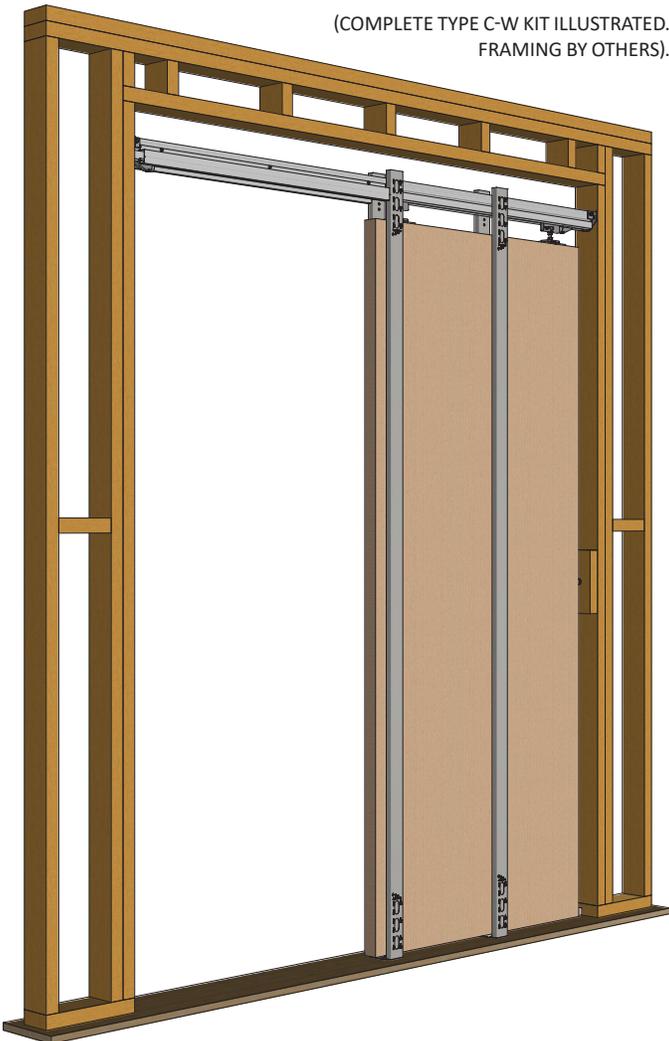


TYPE C-W CROWDERFRAME POCKET DOOR KIT

INSTRUCTION SHEET FOR DOORS 18 in [457 mm] TO 48 in [1219 mm] WIDE



CROWDERFRAME SYSTEM

- CROWDERFRAME IS A COMPLETE POCKET DOOR KIT SYSTEM THAT INCLUDES ROLL FORMED STEEL UPRIGHTS TO BUILD THE POCKET FOR 2X4 WALL CONSTRUCTION
- THE COMPLETE CROWDERFRAME KIT PROVIDES QUICKER AND EASIER INSTALLATION THAN A TRADITIONAL POCKET BUILT ON SITE
- CYCLE TESTED UP TO 150,000 TIMES
- UP TO 150LBS DOORS
- THIS INSTRUCTION SHEET IS SUITABLE FOR DOORS 18 in [457 mm] TO 48 in [1219 mm] WIDE AND 80 in [2032 mm] TO 96 in [2438 mm] HIGH AND 1 3/8 in [34.9 mm] TO 1 3/4 in [44.5 mm] THICK
- FOR DOUBLE/BI-PARTING DOORS KITS, USE TWO SINGLE DOOR KITS WITH **CPD-2X4-JOINER KIT** ACCORDINGLY REFER TO **CPD-2X4-JOINER KIT** INSTRUCTION SHEET FOR DETAILS ON INSTALLATION
- THIS KIT IS COMPLETE WITH **C-914** GUIDE CHANNEL & **CP-913** POCKET GUIDE SYSTEM
- K.N. CROWDER STRONGLY RECOMMENDS USING EDGE PULLS OR DOOR LOCKS WITH INTERGRATED EDGE PULLS WITH FLUSH PULLS FOR EASY OPERATION OF POCKET DOORS VISIT <http://www.kncrowder.com/doorlocks-pulls/> FOR OPTIONS K.N. CROWDER RECOMMENDS: **C-90L-ET** PRIVACY LOCKSET, **C-90L-CT** SECURITY LOCKSET, OR **C-91-BB** PASSAGE SET

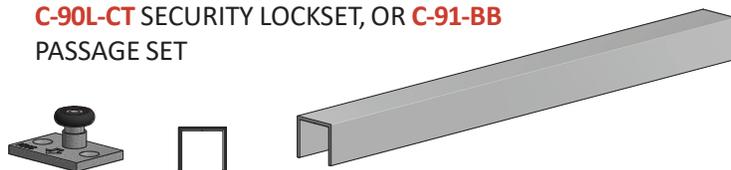


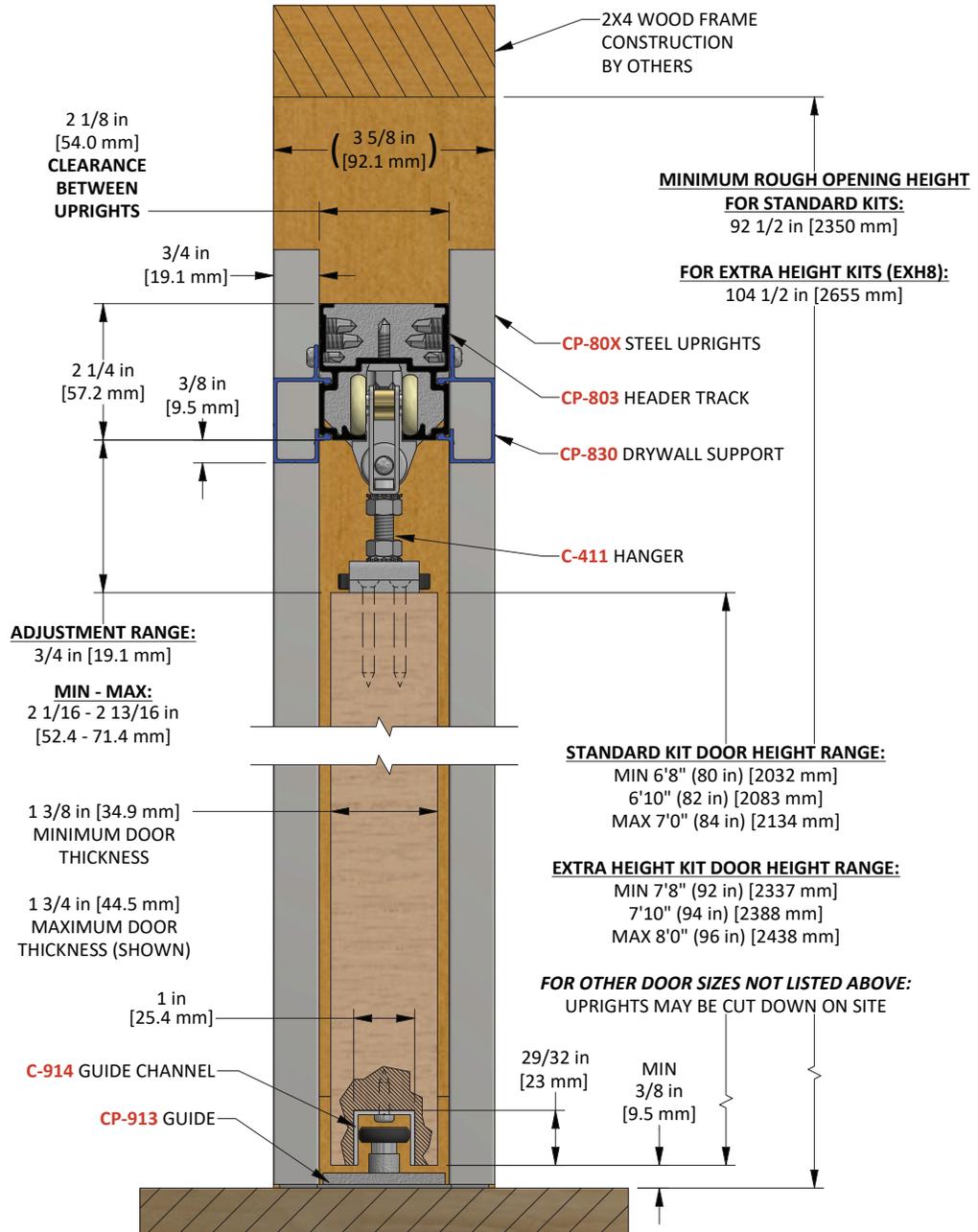
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TYPE C-W CROWDERFRAME POCKET DOOR KIT

PRODUCT DETAILS & DIMENSIONS

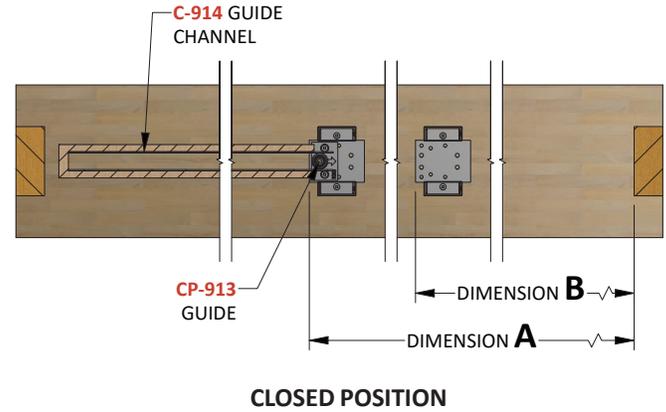
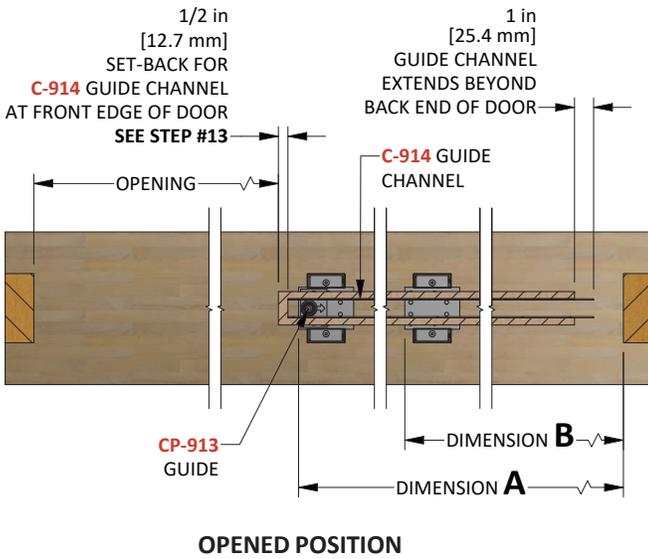
SECTION VIEW



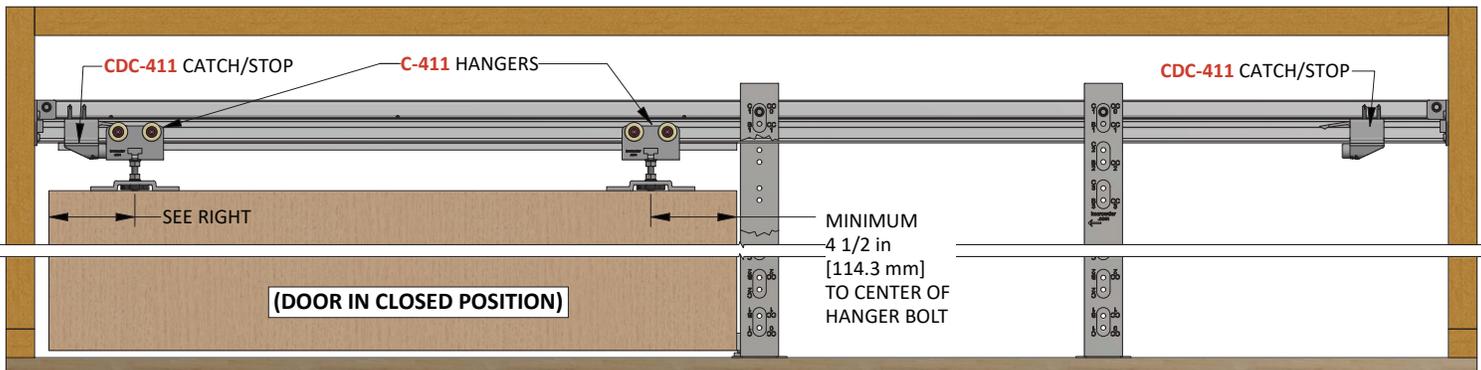
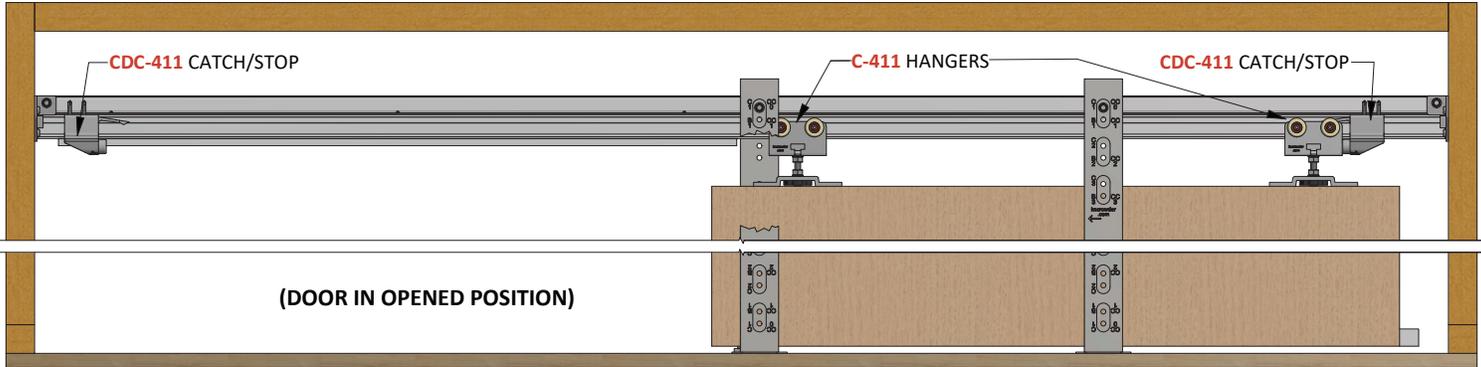
TYPE C-W CROWDERFRAME POCKET DOOR KIT

PRODUCT DETAILS & DIMENSIONS

PLAN VIEW

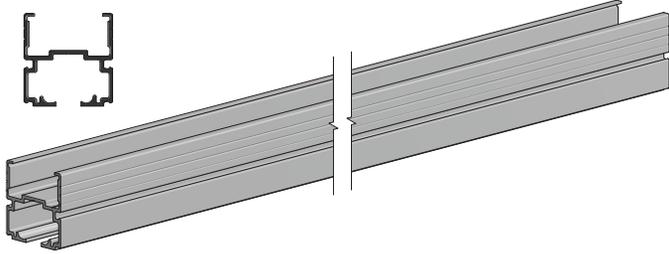


ELEVATION VIEW



TYPE C-W CROWDERFRAME POCKET DOOR KIT

PARTS LIST



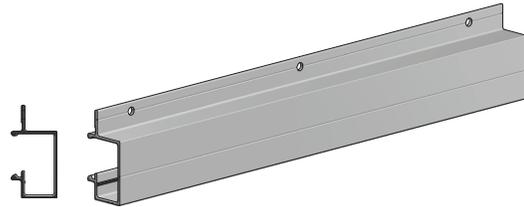
CP-803 HEADER TRACK X (LENGTH OPTIONS LISTED BELOW)

FOR TYPE C-W FOR DOORS UP TO 36 in [914 mm] WIDE:

(1) PIECE X 73 5/8 in [1870 mm]

FOR TYPE C-W-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 C-W FOR DOORS UP TO 36 in [914 mm] WIDE:

(2) PIECES X 35 1/2 in [902 mm]

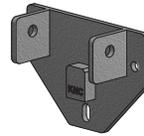
FOR TYPE C-W-EXW4 FOR DOORS UP TO 48 in [1219 mm] WIDE:

(2) PIECES X 47 1/2 in [1207 mm]

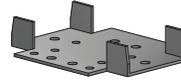


C-914 GUIDE CHANNEL X LENGTH (1)

(LENGTH = DOOR WIDTH + 1/2 in [12.7 mm], EXAMPLE:
36 in [914 mm] DOOR = 36 1/2 in [927 mm] GUIDE CHANNEL)



CP-HB2X4
HEADER
BRACKET (2)



CP-2X4 FOOT
BRACKET (2)
-EXW4 (3)



C-411 HANGER
BODY (2)
(C/W WHEELS)



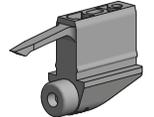
C-411 TOP
PLATE (2)



C-411
SPINWHEEL
NUT (2)



C-411
T-BOLT (2)



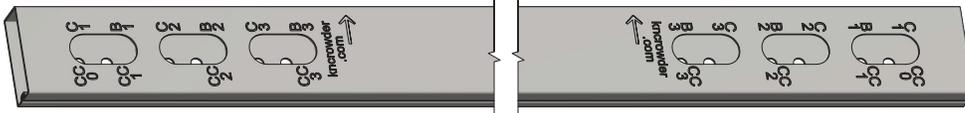
CDC-411
CATCH/STOP (2)



CP-913 POCKET
GUIDE (1)



C-99 RUBBER
DOME BUMPER (1)



STEEL UPRIGHTS (QUANTITY AND PART NUMBER OPTIONS LISTED BELOW)

FOR TYPE C-W 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 C-W-EXH8 FOR DOORS UP TO 36 in [914 mm] WIDE X 96 in [2438 mm]/2455 mm HIGH:

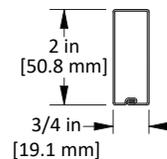
(4) CP-808 STEEL UPRIGHT (101 15/16 in [2589 mm] LONG)

FOR TYPE C-W-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 C-W-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)



1/4" -#14 X 3/4"
HEX TEK
SCREW (10)
[FT36]



5/16" -18 K-LOCK
NUT (4)
[FT17]



#10 X 1-3/4"
FLATHEAD
SCREW (8)
[FT9]



#10 X 1-1/2"
FLATHEAD
SCREW (2)
[FT7]



#10 X 2-1/4"
SELF-DRILLING
SCREW (4)
[FT6]



#8 X 1/2"
SELF-DRILLING
SCREW (8)
[FT32]



#10 X 1-1/4" PAN
HEAD SCREW (7)
[FT4]



3/16" SPACER
WASHER (8)
[FT12]



#8 X 3/4" PAN
HEAD SCREW (10)
[FT2]



#6 X 1" FINE
THREAD DRYWALL
SCREW (60)
[FT30]

* EXTRA FASTENERS 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
- DRILL BITS:
 - Ø1/8 in DRILL BIT
 - Ø9/64 in DRILL BIT
 - Ø1/2 in DRILL BIT
- DRIVER BITS:
 - 3/8 in HEX DRIVE
 - #2 ROBERTSON
- SCREW DRIVERS:
 - #2 ROBERTSON
- 3/8 in WRENCH
- 1/2 in WRENCH
- RUBBER Mallet
- AIR GUN OR CLOTH



TYPE C-W CROWDERFRAME POCKET DOOR KIT

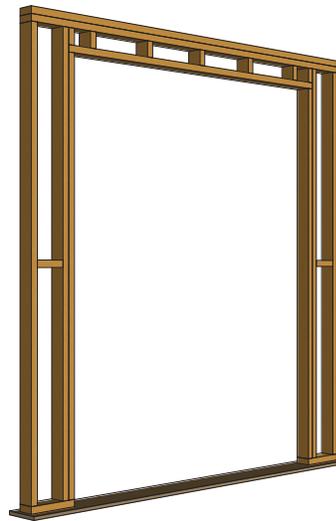
REQUIRED PRE-INSTALLATION INSTRUCTIONS

NOTE: READ CAREFULLY - CONTAINS INFORMATION WHICH IF NOT FOLLOWED MAY VOID WARRANTY OR CAUSE INJURY TO USERS

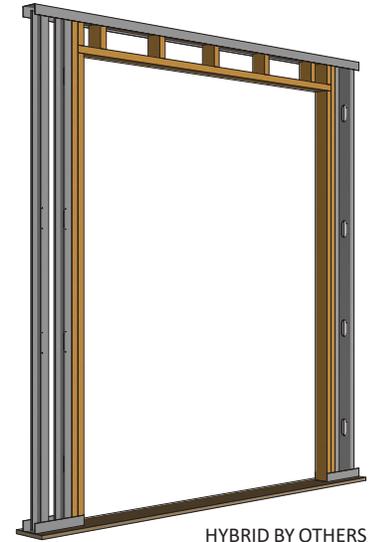
ALL TESTING ON THIS PRODUCT HAS BEEN COMPLETED WITH 2X4 LUMBER FRAMING STUDS FOR ROUGH OPENING TO PROVIDE SUFFICIENT STRUCTURAL SUPPORT FOR CROWDERFRAME POCKET DOOR KITS. (FRAMING DETAILS MAY DIFFER BASED ON REGION. REFER TO YOUR REGION'S BUILDING CODES FOR FRAMING DETAILS.)

IF ANY MATERIALS OR SUPPORT OTHER THAN 2X4 LUMBER FRAMING (SUCH AS METAL STUD FRAMING) IS TO BE USED FOR STRUCTURAL SUPPORT, VERIFICATION BY A CERTIFIED STRUCTURAL ENGINEER IS REQUIRED.

K.N. CROWDER IS NOT RESPONSIBLE FOR FRAMING DETAILS. K.N. CROWDER'S WARRANTY WILL NOT COVER ANY ISSUES THAT RESULT FROM INCORRECT STRUCTURAL SUPPORT/FRAMING DETAILS.



WOOD FRAMING BY OTHERS



HYBRID BY OTHERS

SINGLE DOOR OPENINGS:

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") OR [2455 mm] (-EXH8 KITS)

{FOR DOUBLE/BI-PARTING DOOR KITS, REFER TO CPD-2X4-JOINER KIT INSTRUCTION SHEET [CHART CPD-2X4-A](#) FOR ROUGH OPENING SIZES.}

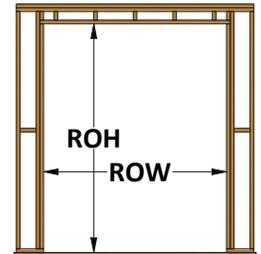


CHART A: ROUGH OPENING SIZE & TRACK LENGTH						
DOOR WIDTH			ROUGH OPENING WIDTH (ROW):		CP-803 TRACK LENGTH REQUIRED:	
18 in	(1'-6")	[457 mm]	38 in	[965 mm]	37 5/8 in	[956 mm]
20 in	(1'-8")	[508 mm]	42 in	[1067 mm]	41 5/8 in	[1057 mm]
22 in	(1'-10")	[559 mm]	46 in	[1169 mm]	45 5/8 in	[1159 mm]
24 in	(2'-0")	[610 mm]	50 in	[1270 mm]	49 5/8 in	[1261 mm]
26 in	(2'-2")	[660 mm]	54 in	[1372 mm]	53 5/8 in	[1362 mm]
28 in	(2'-4")	[711 mm]	58 in	[1473 mm]	57 5/8 in	[1464 mm]
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]

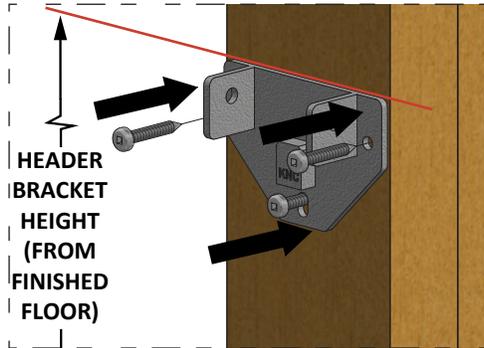


TYPE C-W CROWDERFRAME POCKET DOOR KIT

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 BELOW.



HEADER BRACKET HEIGHT:

DIMENSIONS SHOWN BELOW FOR HEADER BRACKET HEIGHT ARE TAKEN FROM FINISHED FLOOR.

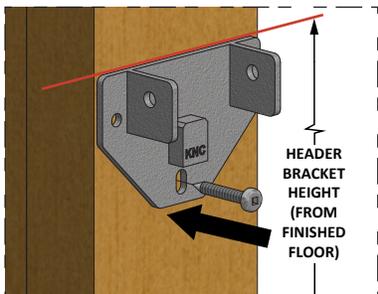
IF FINISHED FLOOR WILL BE INSTALLED AFTER POCKET DOOR KIT, ADD FINISHED FLOOR THICKNESS TO HEADER BRACKET HEIGHT. EXAMPLE: 84 in [2134 MM] HIGH DOOR WITH 3/4 IN THICK FLOOR = 89 1/8 in [2264 mm] + 3/4 in [19.1 Mm] = 89 7/8 in [2283 MM] NEW HEADER HEIGHT FROM SUB FLOOR (BELOW FINISHED FLOOR).

NOTE: FOOT BRACKETS MUST BE SHIMMED TO LEVEL OF FINISHED FLOOR. SEE STEP #8 FOR DETAILS.

CHART B: HEADER BRACKET HEIGHT & UPRIGHT HOLE SLOT ID					
DOOR HEIGHT			HEADER BRACKET HEIGHT MEASUREMENT FROM FINISHED FLOOR		TYPE C UPRIGHT HOLE ID
80 in	(6'-8")	[2032 mm]	85 1/8 in	[2162 mm]	C3
82 in	(6'-10")	[2083 mm]	87 1/8 in	[2213 mm]	C2
84 in	(7'-0")	[2134 mm]	89 1/8 in	[2264 mm]	C1
BELOW FOR -EXH8 KITS					
92 in	(7'-8")	[2337 mm]	97 1/8 in	[2467 mm]	C3
94 in	(7'-10")	[2388 mm]	99 1/8 in	[2518 mm]	C2
96 in	(8'-0")	[2438 mm]	101 1/8 in	[2569 mm]	C1

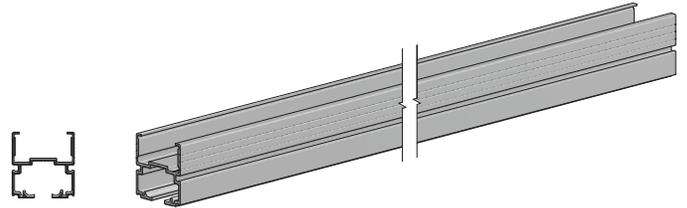
STEP #2:

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 #6**.



STEP #3:

CUT CP-803 ALUMINUM HEADER TRACK TO CORRECT SIZE IF REQUIRED. TO CALCULATE TRACK LENGTH: **LENGTH IS EQUAL TO 2 X DOOR WIDTH + 1 5/8 in [41.3 mm]** SEE COLUMN CP-803 TRACK LENGTH REQUIRED IN CHART A FOR LENGTHS BASED ON DOOR WIDTHS.

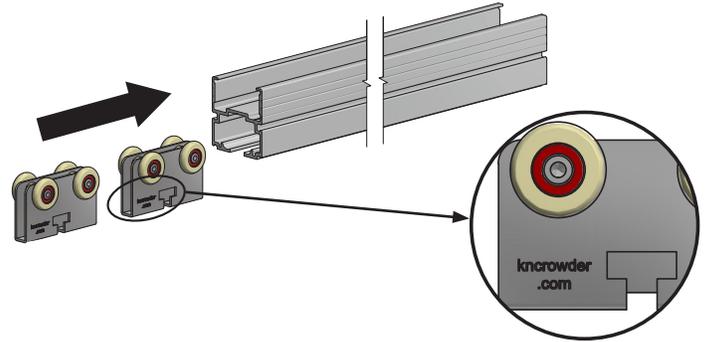


!!ATTENTION!!

{FOR DOUBLE/BI-PARTING DOORS KITS, REFER TO **STEPS #CPD-2 & CPD-3** IN CPD-2X4-JOINER KIT INSTRUCTION SHEET BEFORE PROCEEDING.}

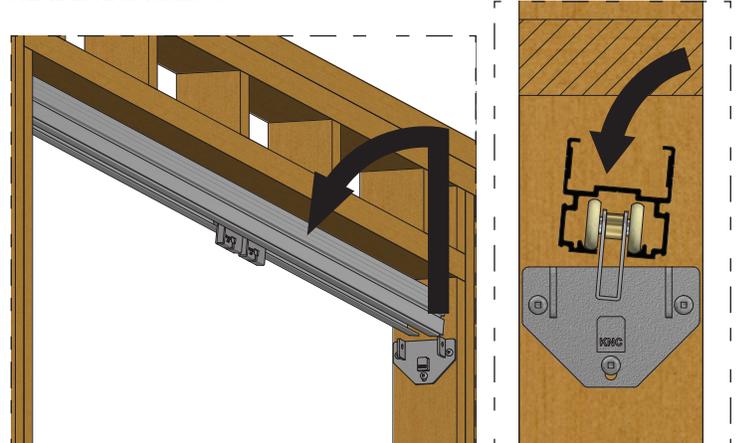
STEP #4:

SLIDE TWO (2) C-411 HANGER BODIES WITH WHEELS INTO TRACK FROM ONE END. **NOTE: ENSURE "KNCROWDER.COM" TEXT ON HANGER BODIES BOTH FACE SAME SIDE AS SHOWN BELOW**



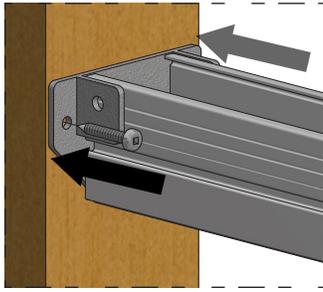
STEP #5:

PLACE CP-803 HEADER TRACK WITH HANGERS ONTO CP-HB2X4 HEADER BRACKETS PREVIOUSLY PLACED IN **STEPS #1 - #2**. **NOTE: TOP OF HEADER TRACK SHOULD SIT FLUSH WITH TOP OF HEADER BRACKETS.**



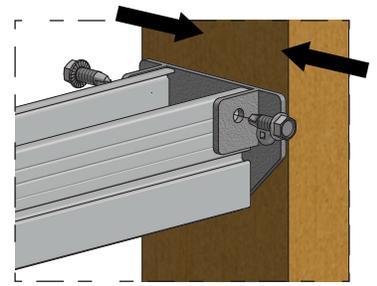
STEP #6:

CHECK HEADER TRACK FOR LEVELNESS. ADJUST LOOSE HEADER BRACKET IF NECESSARY. SECURE HEADER BRACKET WITH (2) #10 X 1 1/4" PAN HEAD SCREWS [FT4].



STEP #7:

SECURE CP-803 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.** {FOR DOUBLE/BI-PARTING DOORS KITS, REFER TO STEPS #CPD-5 & CPD-6 IN CPD-2X4-JOINER KIT INSTRUCTION SHEET BEFORE PROCEEDING.}



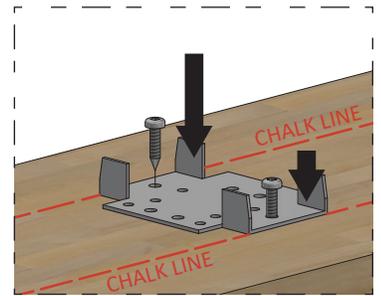
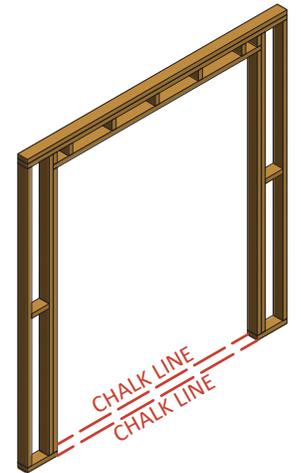
STEP #8:

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: FRONT EDGE OF FOOT BRACKET SHOULD FACE OPENING AS SHOWN BELOW. 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 14-15.**

{FOR DOUBLE/BI-PARTING DOORS KITS, REFER TO **STEP #CPD-7** IN CPD-2X4-JOINER KIT INSTRUCTION SHEET BEFORE PROCEEDING.}

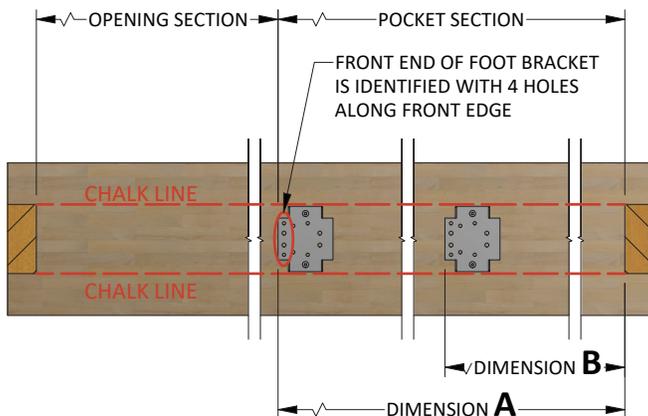
CHART C: FOOT BRACKET LOCATION DIMENSIONS A, B, C

DOOR WIDTH	DIMENSION A	DIMENSION B	DIMENSION C
18 in (1'-6") [457 mm]	19 1/2 in [495 mm]	10 1/2 in [267 mm]	----
20 in (1'-8") [508 mm]	21 1/2 in [546 mm]	10 1/2 in [267 mm]	----
22 in (1'-10") [559 mm]	23 1/2 in [597 mm]	11 1/2 in [292 mm]	----
24 in (2'-0") [610 mm]	25 1/2 in [648 mm]	11 1/2 in [292 mm]	----
26 in (2'-2") [660 mm]	27 1/2 in [699 mm]	12 1/2 in [318 mm]	----
28 in (2'-4") [711 mm]	29 1/2 in [749 mm]	13 1/2 in [343 mm]	----
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) CROWDERFRAME 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]



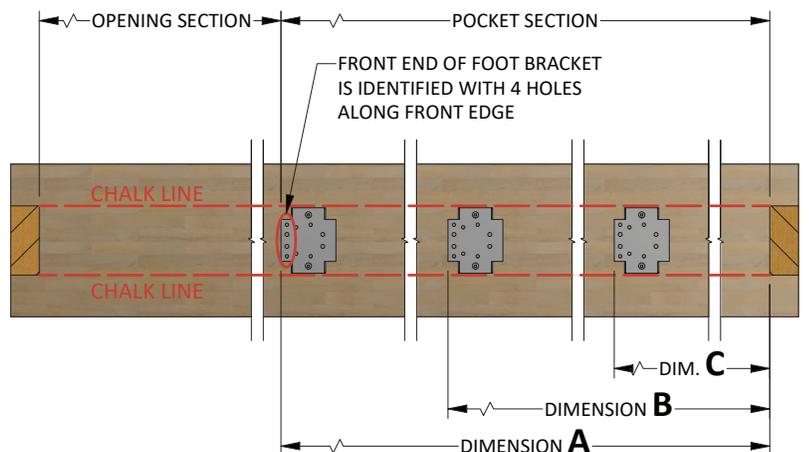
STANDARD PLAN VIEW

(FOR DOORS 18 in [457 mm] TO 36 in [914 mm] WIDE)



-EXW4 (EXTRA WIDTH) PLAN VIEW

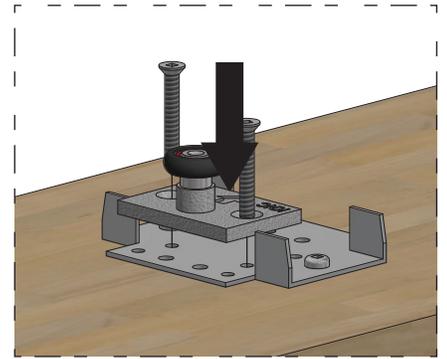
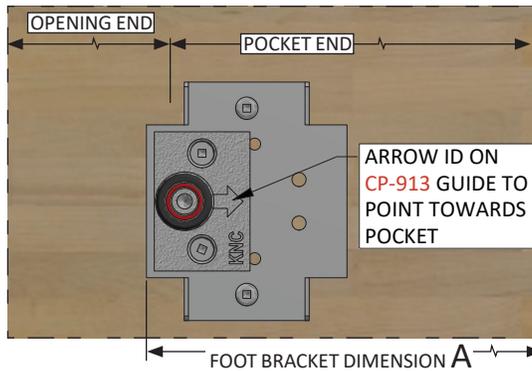
(FOR DOORS 37 in [940 mm] TO 48 in [1219 mm] WIDE)



STEP #9:

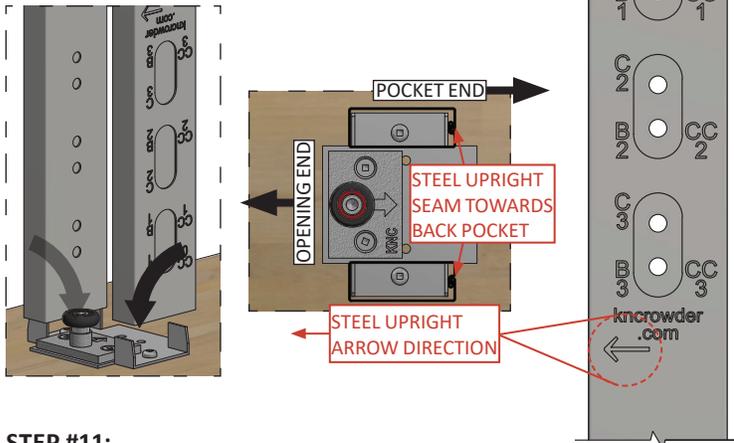
PLACE CP-913 GUIDE (1) ON FOOT BRACKET CLOSEST TO OPENING END AND SECURE WITH (2) #10 X 1 1/2" FLATHEAD SCREWS [FT7].

NOTE: ENSURE ARROW ID ON CP-913 GUIDE IS FACING TOWARDS POCKET AS SHOWN TO RIGHT.



STEP #10:

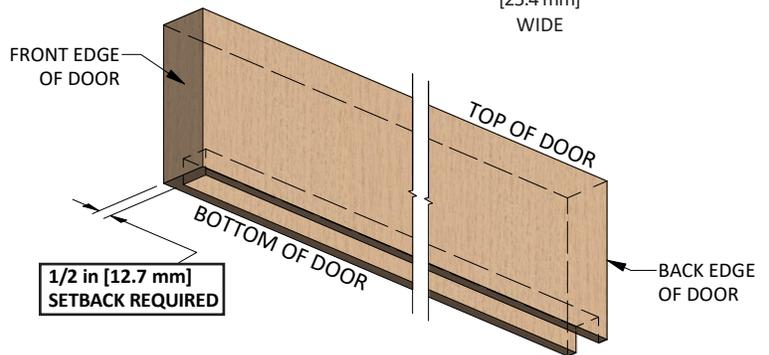
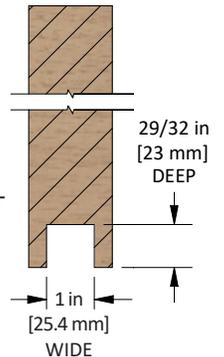
POSITION CP-8XX STEEL UPRIGHTS ON FOOT BRACKETS WITH LARGE OVAL CLEARANCE HOLES FACING OUT AND ARROW ID POINTING TOWARDS OPENING AS SHOWN BELOW.



STEP #12:

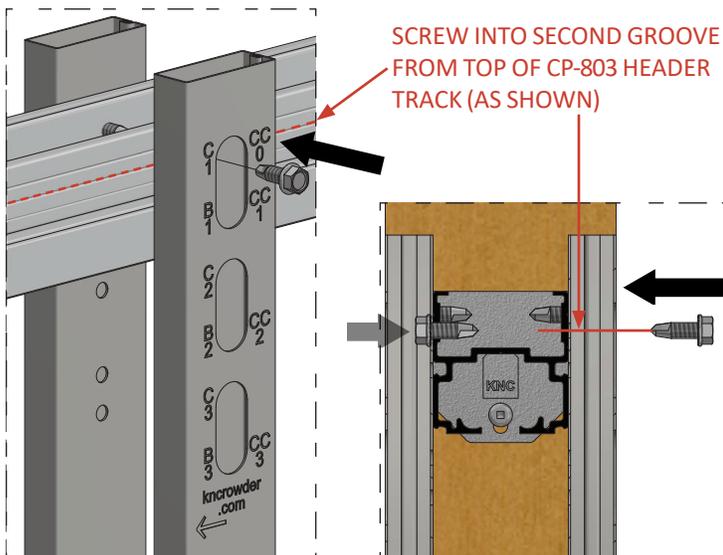
PREPARE C-914 GUIDE CHANNEL SLOT IN BOTTOM OF DOOR:

1 in [25.4 mm] WIDE IN CENTER OF DOOR, 29/32 in [23 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.



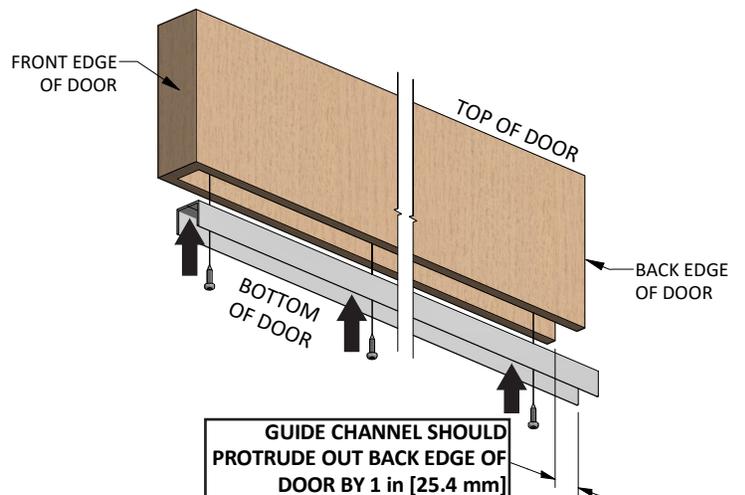
STEP #11:

PLUMB UPRIGHTS VERTICALLY AND SECURE TO CP-803 HEADER TRACK WITH (1 PER UPRIGHT) 1/4"-#14 X 3/4" SERRATED HEX TEK SCREWS [FT36]. **NOTE: SCREW AND HOLE (REFER TO CHART B ON PAGE 6 FOR HOLE ID NUMBER TO USE) IN UPRIGHT SHOULD LINE UP WITH SECOND GROOVE IN CP-803 HEADER TRACK AS SHOWN BELOW. IMPACT DRIVER IS IDEAL FOR THIS STEP OR PRE-DRILL WITH Ø9/64 in [3.6 mm] DRILL BIT IF DESIRED.**



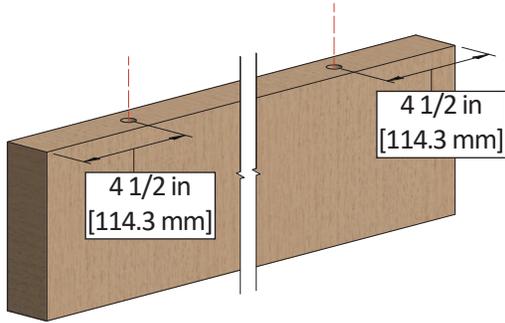
STEP #13:

CUT C-914 ALUMINUM GUIDE CHANNEL TO CORRECT LENGTH AS REQUIRED. GUIDE CHANNEL LENGTH = DOOR WIDTH + 1/2 in [12.7 mm], EXAMPLE: 36 in [914 mm] DOOR = 36 1/2 in [927 mm] GUIDE CHANNEL LENGTH REQUIRED. DRILL HOLES IN C-914 GUIDE CHANNEL AND PRE-DRILL HOLES IN DOOR. LOCATE C-914 GUIDE CHANNEL IN SLOT AND SCREW CHANNEL INTO PLACE WITH (4) #8 X 3/4" PAN HEAD SCREWS [FT2].



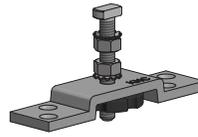
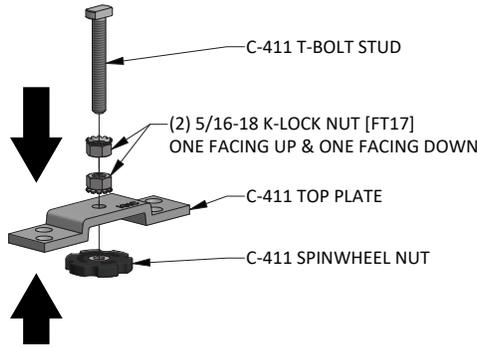
STEP #14:

LOCATE CENTER OF CLEARANCE HOLE/TOP PLATE ON TOP OF DOOR AND DRILL A $\varnothing 1/2$ in [12.7 mm] CLEARANCE HOLE AT LEAST 2 in [50.8 mm] DEEP AS PER BELOW:



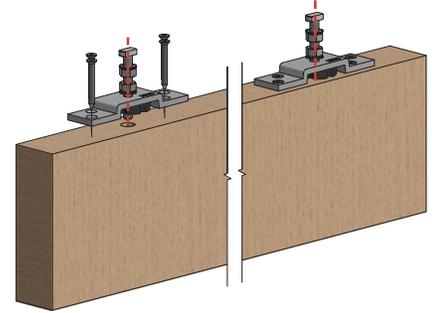
STEP #15:

ASSEMBLE C-411 TOP PLATE ASSEMBLIES AS SHOWN BELOW. (2 ASSEMBLIES REQUIRED):

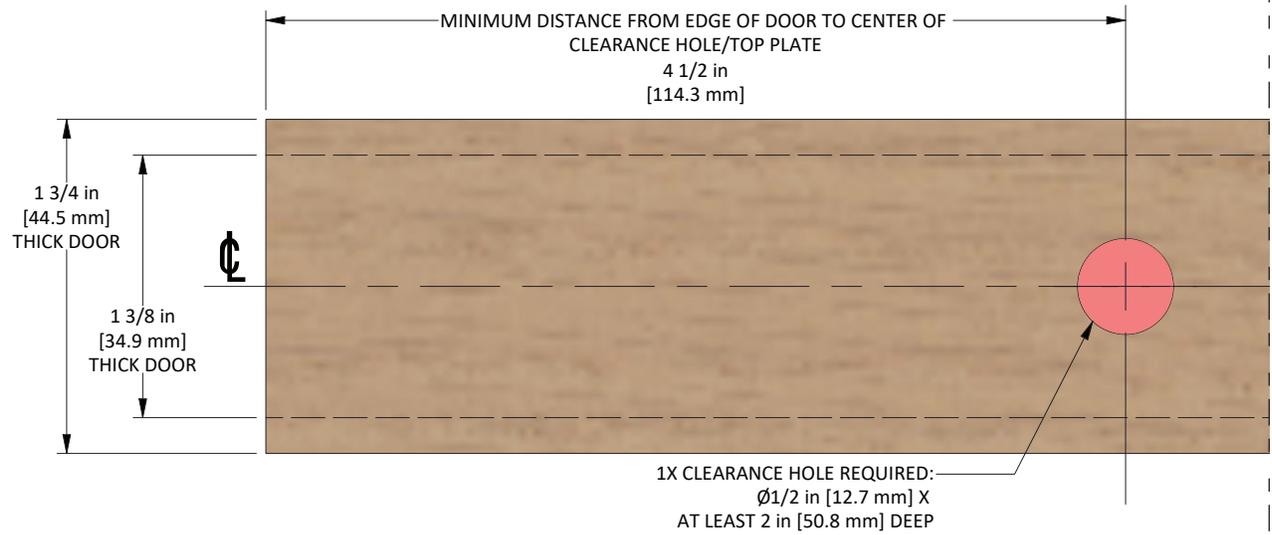


STEP #16:

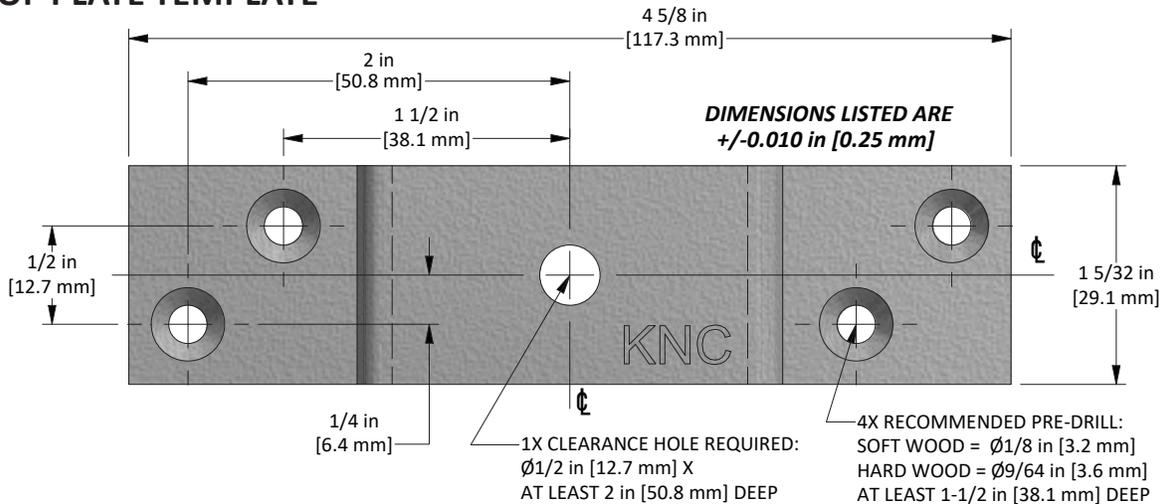
PLACE ASSEMBLIES FROM STEP #15 ON TOP EDGE OF DOOR WITH T-BOLT PLACED INTO CLEARANCE HOLE. MARK SCREW HOLE LOCATIONS OR USE TOP PLATE TEMPLATE BELOW AND PRE-DRILL $\varnothing 1/8$ in [3.2 mm] HOLES AT LEAST 1 1/2 in [38.1 mm] DEEP. SECURE WITH (4 PER HANGER) #10 X 1 3/4" FLATHEAD SCREWS [FT9].



CLEARANCE HOLE LOCATION TEMPLATE

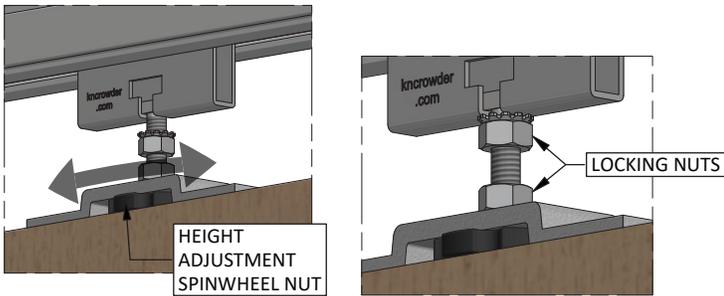
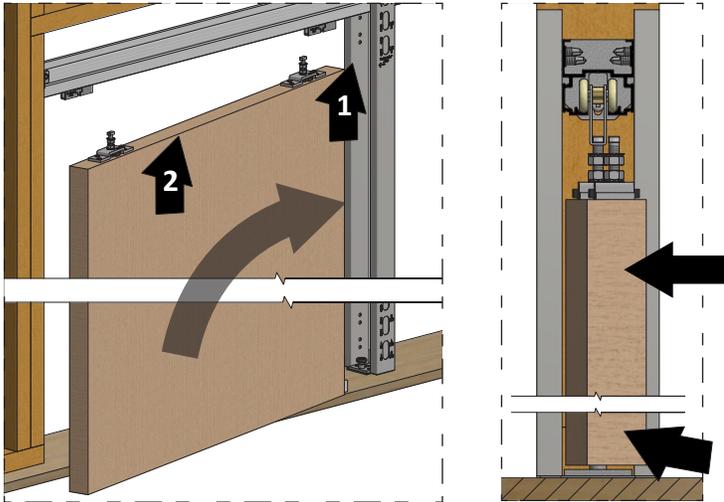


TOP PLATE TEMPLATE



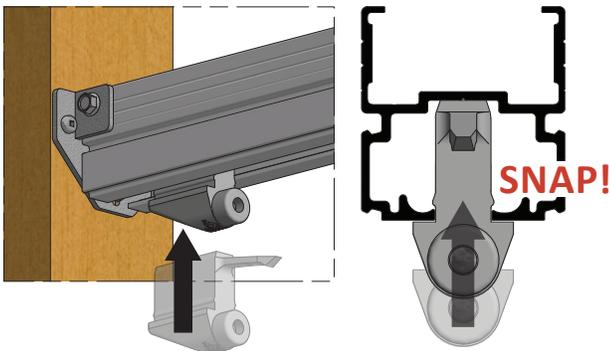
STEP #17:

- A. SLIDE C-411 HANGER BODIES IN TRACK INTO OPENING
- B. STAND DOOR UP IN OPENING
- C. RAISE BACK END OF DOOR AND ENGAGE T-BOLT WITH T-SLOT ON BACK C-411 HANGER BODY (CLOSEST TO POCKET) (ARROW #1)
- D. PIVOT BACK END OF DOOR INTO POCKET AND ENGAGE C-914 GUIDE CHANNEL WITH CP-913 POCKET GUIDE
- E. RAISE FRONT END OF DOOR AND ENGAGE T-BOLT WITH T-SLOT ON FRONT C-411 HANGER BODY (CLOSEST TO OPENING) (ARROW #2)
- F. ADJUST DOOR HEIGHT AND PLUMB BY USING SPINWHEEL NUTS ON TOP PLATE ASSEMBLY
- G. LOCK FINAL HEIGHT ADJUSTMENT WITH K-LOCK NUTS USING 1/2 in WRENCH



STEP #18:

AFTER DOOR HAS BEEN INSTALLED, SNAP CDC-411 CATCH/STOPS INTO EACH END OF TRACK WITH BUMPERS FACING TOWARDS CENTER OF TRACK. ONCE SNAPPED INTO TRACK, CDC-411 CATCH/STOPS SHOULD BE FREE TO SLIDE WITHIN TRACK.



STEP #19:

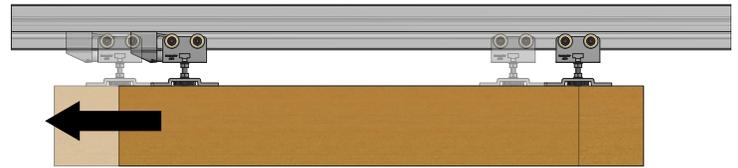
POSITION DOOR APPROXIMATELY 5-10 in [127-254 mm] AWAY FROM FINAL POSITION AT ONE END (SHOWN BELOW WITH LEFT SIDE). PUSH LOOSE CDC-411 CATCH/STOP AGAINST HANGER AND ENGAGE IT WITH HANGER (BUMPER SHOULD BE AGAINST HANGER BODY).



STEP #20:

WITH CDC-411 CATCH/STOP LOOSE, SLIDE DOOR TO FINAL/DESIRED POSITION OF DOOR.

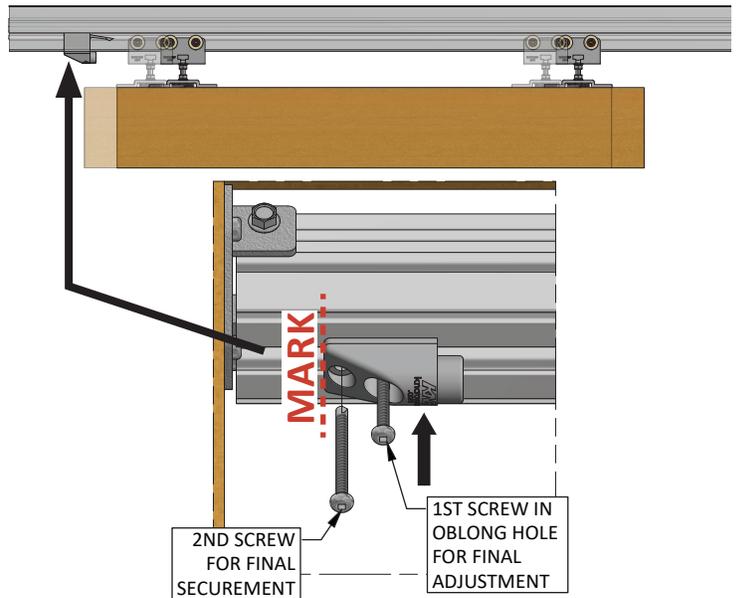
NOTE: ENSURE THAT STRIKE AND TRIM THICKNESS ARE TAKEN INTO CONSIDERATION FOR FINAL/DESIRED POSITION OF DOOR. SEE PAGES 14-15 FOR SUGGESTED FINISHING.



STEP #21:

ONCE FINAL POSITION IS ACHIEVED, MARK OUTSIDE EDGE OF CDC-411 CATCH/STOP AS SHOWN BELOW, DISENGAGE CDC-411 CATCH/STOP FROM HANGER AND SLIDE DOOR BACK. POSITION CDC-411 CATCH/STOP AT MARK AND SECURE WITH (1) #10 X 2 1/4" SELF-DRILLING SCREW IN OBLONG HOLE AS SHOWN BELOW. RECHECK DOOR POSITION AND ADJUST CDC-411 CATCH/STOP IF NECESSARY BEFORE SECURING CDC-411 CATCH/STOP WITH (1) #10 X SELF-DRILLING SCREW IN SECOND HOLE.

NOTE: REMOVE ANY DRILL FILLINGS FROM INSIDE OF TRACK AS THIS WILL AFFECT OPERATION OF SLIDING DOOR SYSTEM.

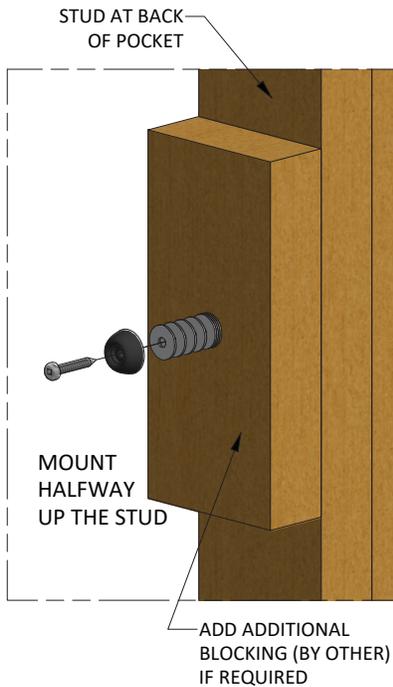


STEP #22:

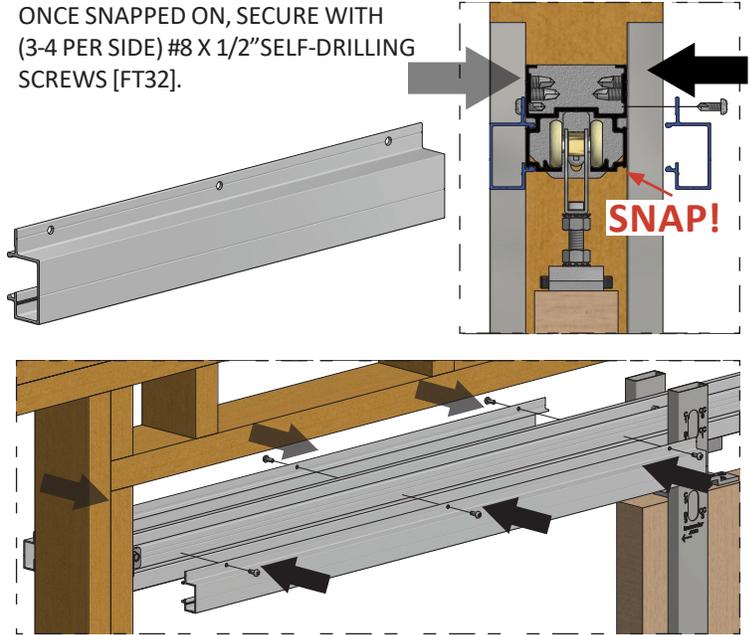
REPEAT STEPS #19 - #21 FOR OPPOSITE CDC-411 CATCH/STOP. **NOTE: ENSURE THAT STRIKE AND TRIM THICKNESS ARE TAKEN INTO CONSIDERATION FOR WHERE DOOR WILL BE IN FINAL POSITION. SEE PAGES 14-15 FOR SUGGESTED FINISHING.**

STEP #23:

ON POCKET END FRAMING JAMB, MARK HALFWAY POINT FROM FLOOR TO UNDER SIDE OF TRACK. PUSH DOOR INTO OPENED POSITION (CLOSEST TO POCKET JAMB). 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 GAP.**

**STEP #24:**

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-803 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].

**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.

STEP #25:

REFER TO FINISHING SUGGESTIONS, DIMENSIONS & INSTALLATION STEPS ON PAGES 14-15.

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 NOISY 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 DOES NOT STAY ENGAGED WITH CDC-411 CATCH/STOP OR DOOR SLIDES OPEN/CLOSED ON ITS OWN	ENSURE CDC-411 CATCH/STOPS ARE INSTALLED IN CORRECT POSITION SUCH THAT HANGER ENGAGES STOP WHEN DOOR IS CLOSED. HANGERS WILL NOT ENGAGE IF DOOR SLAMS INTO STOP. FOR SLOW CLOSING/HOLDING EFFECT, SEE TYPE CC CATCH'N'CLOSE CROWDERFRAME SYSTEMS FOR APPLICATION (NOTE, TYPE CC CANNOT BE RETROFITTED INTO TYPE C OR TYPE B CROWDERFRAMES).
DOOR RATTLES	ENSURE LOCKING NUTS & SCREWS ON HANGERS ARE SECURED AND NOT LOOSE.

TYPE C-W CROWDERFRAME POCKET DOOR KIT

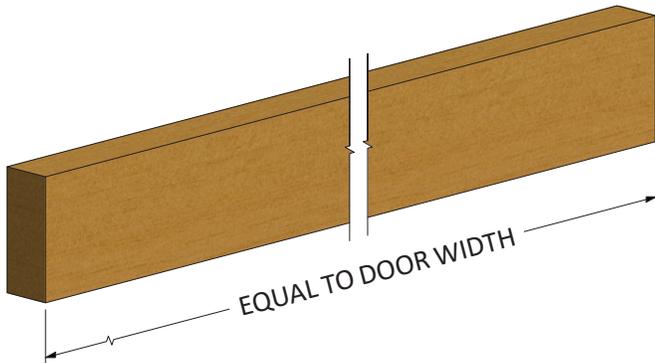
INSTALLATION STEPS IF INSTALLING DRYWALL PRIOR TO DOOR

STEP #D1:

FOLLOW **STEPS #1 - #11** ON PAGES 6-8.

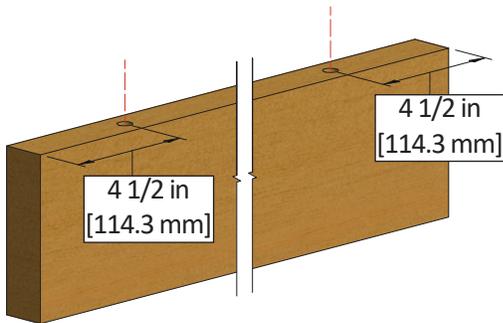
STEP #D2:

OBTAIN A RELATIVELY STRAIGHT SCRAP PIECE OF LUMBER (IDEALLY 2X6 FRAMING LUMBER, NOT SUPPLIED BY K.N. CROWDER), AND CUT TO SIZE. LENGTH SHOULD BE 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**.



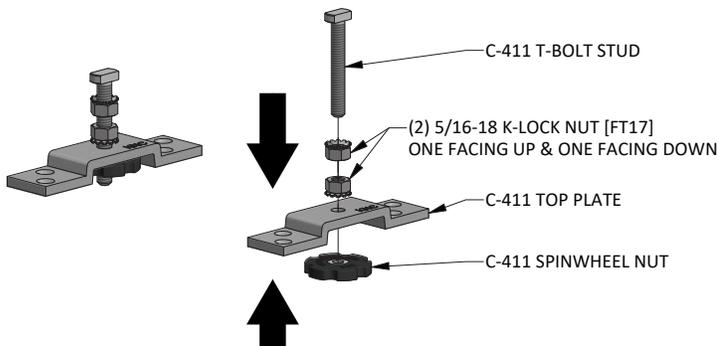
STEP #D3:

LOCATE CENTER OF CLEARANCE HOLE/TOP PLATE ON TOP OF DOOR TEMPLATE AND DRILL A $\varnothing 1/2$ in [12.7 mm] CLEARANCE HOLE AT LEAST 2 in [50.8 mm] DEEP AS PER TEMPLATE ON PAGE 9:



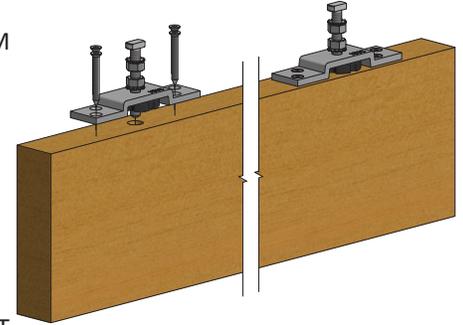
STEP #D4:

ASSEMBLE C-411 TOP PLATE ASSEMBLIES AS SHOWN BELOW (2 ASSEMBLIES REQUIRED):



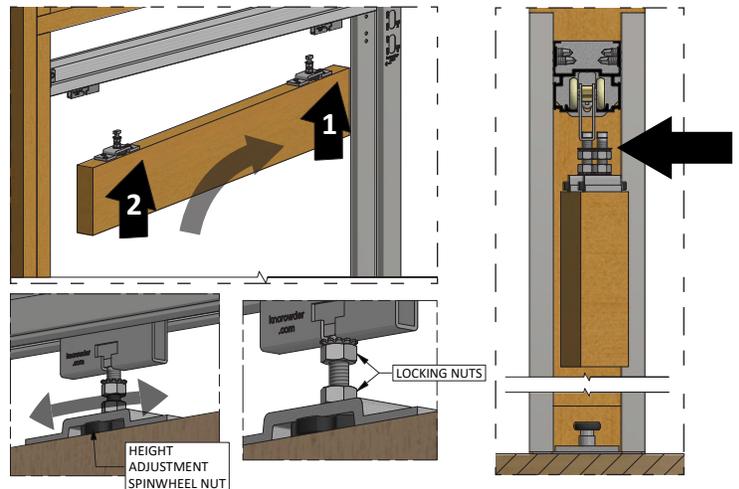
STEP #D5:

PLACE ASSEMBLIES FROM **STEP #D4** ON TOP EDGE OF DOOR TEMPLATE WITH T-BOLT PLACED INTO CLEARANCE HOLE. MARK SCREW HOLE LOCATIONS OR USE TEMPLATE SHOWN ON PAGE 9 AND PRE-DRILL $\varnothing 1/8$ in [3.2 mm] HOLES AT LEAST 1 1/2 in [38.1 mm] DEEP. SECURE WITH (4 PER HANGER) #10 X 1 3/4" FLATHEAD SCREWS [FT9].



STEP #D6:

- A. SLIDE C-411 HANGER BODIES IN TRACK INTO OPENING
- B. POSITION DOOR TEMPLATE UP IN OPENING
- C. RAISE BACK END OF DOOR TEMPLATE AND ENGAGE T-BOLT WITH T-SLOT ON BACK C-411 HANGER BODY (CLOSEST TO POCKET) (ARROW #1)
- D. PIVOT BACK END OF DOOR TEMPLATE INTO POCKET
- E. RAISE FRONT END OF DOOR TEMPLATE AND ENGAGE T-BOLT WITH T-SLOT ON FRONT C-411 HANGER BODY (CLOSEST TO OPENING) (ARROW #2)
- F. ADJUST DOOR TEMPLATE AND PLUMB BY USING SPINWHEEL NUTS ON TOP PLATE ASSEMBLY
- G. LOCK FINAL HEIGHT ADJUSTMENT WITH K-LOCK NUTS USING 1/2 in WRENCH

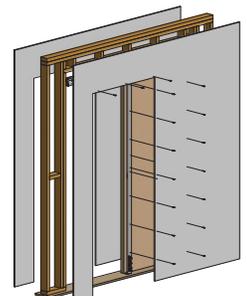


STEP #D7:

FOLLOW **STEPS #18 - #24** ON PAGES 10-11.

STEP #D8:

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 POCKET DOOR SYSTEM.



IMPORTANT DRYWALL INSTALLATION NOTES:

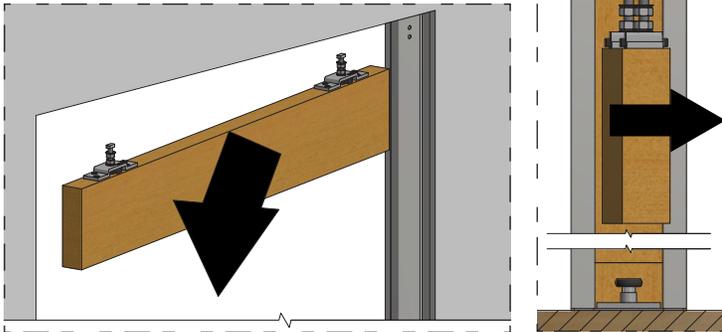
USE 1 in [25.4 mm] LONG DRYWALL SCREWS ONLY (PROVIDED) WHEN SECURING DRYWALL TO UPRIGHTS & DRYWALL SUPPORTS. LONGER SCREWS WILL PENETRATE INSIDE FACE OF STEEL UPRIGHT AND DAMAGE DOOR OR AFFECT DOOR TRAVEL. FASTEN DRYWALL AT TOP & BOTTOM OF STEEL UPRIGHTS WORKING TOWARDS MIDDLE. IT IS RECOMMENDED TO USE 8 DRYWALL SCREWS PER UPRIGHT AND 4 PER DRYWALL SUPPORTS

STEP #D9:

ONCE DOOR IS ON SITE, FOLLOW **STEPS #12 - #13** ON PAGE 8.

STEP #D10:

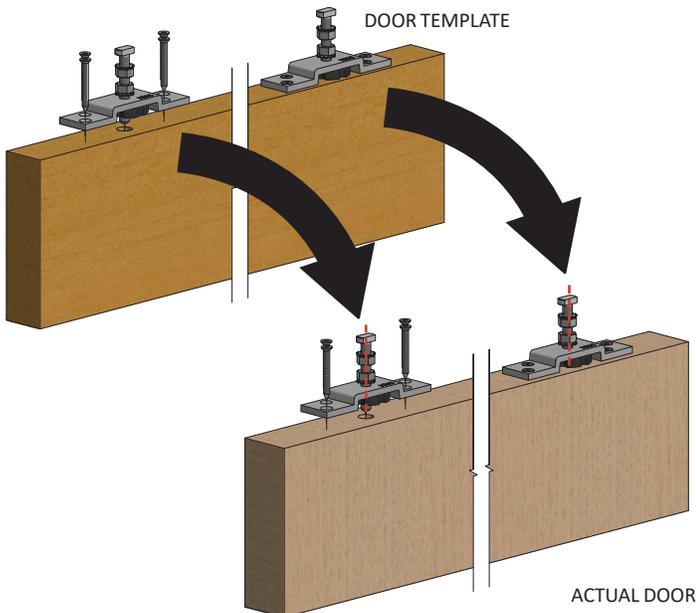
REMOVE DOOR TEMPLATE FROM POCKET BY DISENGAGING FROM HANGERS IN TRACK (REVERSE **STEP #D6**).



STEP #D11:

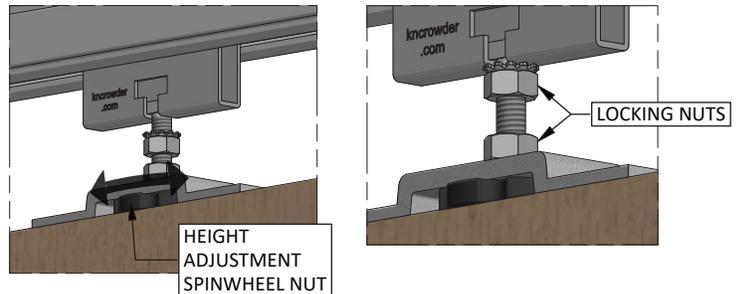
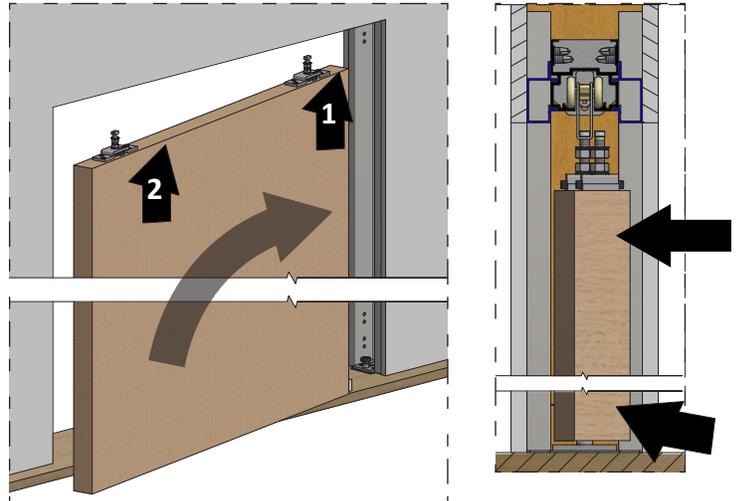
REMOVE TOP PLATE ASSEMBLIES FROM DOOR TEMPLATE AND MOUNT ONTO TOP OF ACTUAL DOOR IN SAME POSITION AS DOOR TEMPLATE PER **STEPS #D3 - #D5**.

NOTE: MUST BE MOUNTED AT SAME DISTANCE FROM EDGE OF DOOR AS ON DOOR TEMPLATE. FAILURE TO DO THIS WILL RESULT IN DOOR NOT OPENING OR CLOSING FULLY IN POCKET.



STEP #D12:

- A. SLIDE C-411 HANGER BODIES IN TRACK INTO OPENING
- B. STAND DOOR UP IN OPENING
- C. RAISE BACK END OF DOOR AND ENGAGE T-BOLT WITH T-SLOT ON BACK C-411 HANGER BODY (CLOSEST TO POCKET) (ARROW #1)
- D. PIVOT BACK END OF DOOR INTO POCKET AND ENGAGE C-914 GUIDE CHANNEL WITH CP-913 POCKET GUIDE
- E. RAISE FRONT END OF DOOR AND ENGAGE T-BOLT WITH T-SLOT ON FRONT C-411 HANGER BODY (CLOSEST TO OPENING) (ARROW #2)
- F. ADJUST DOOR HEIGHT AND PLUMB BY USING SPINWHEEL NUTS ON TOP PLATE ASSEMBLY
- G. LOCK FINAL HEIGHT ADJUSTMENT WITH K-LOCK NUTS USING 1/2 in WRENCH



STEP #D13:

FINISH PROJECT WITH FINISHING REQUIREMENTS SUCH AS TRIM, DOOR JAMBS, ETC (ALL BY OTHERS). REFER TO FINISHING SUGGESTIONS, DIMENSIONS & INSTALLATION STEPS ON PAGES 14-15.

TYPE C-W CROWDERFRAME POCKET DOOR KIT

SUGGESTED FINISHING & DIMENSIONS

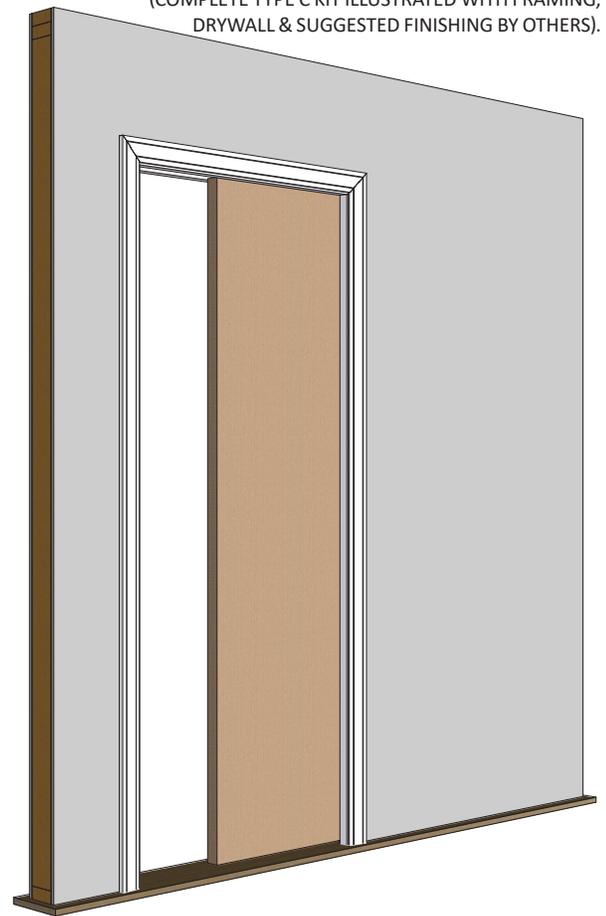
NOTE:

TO ILLUSTRATE CROWDERFRAME 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.

K.N. CROWDER IS NOT RESPONSIBLE FOR ANY FINISHING DETAILS.

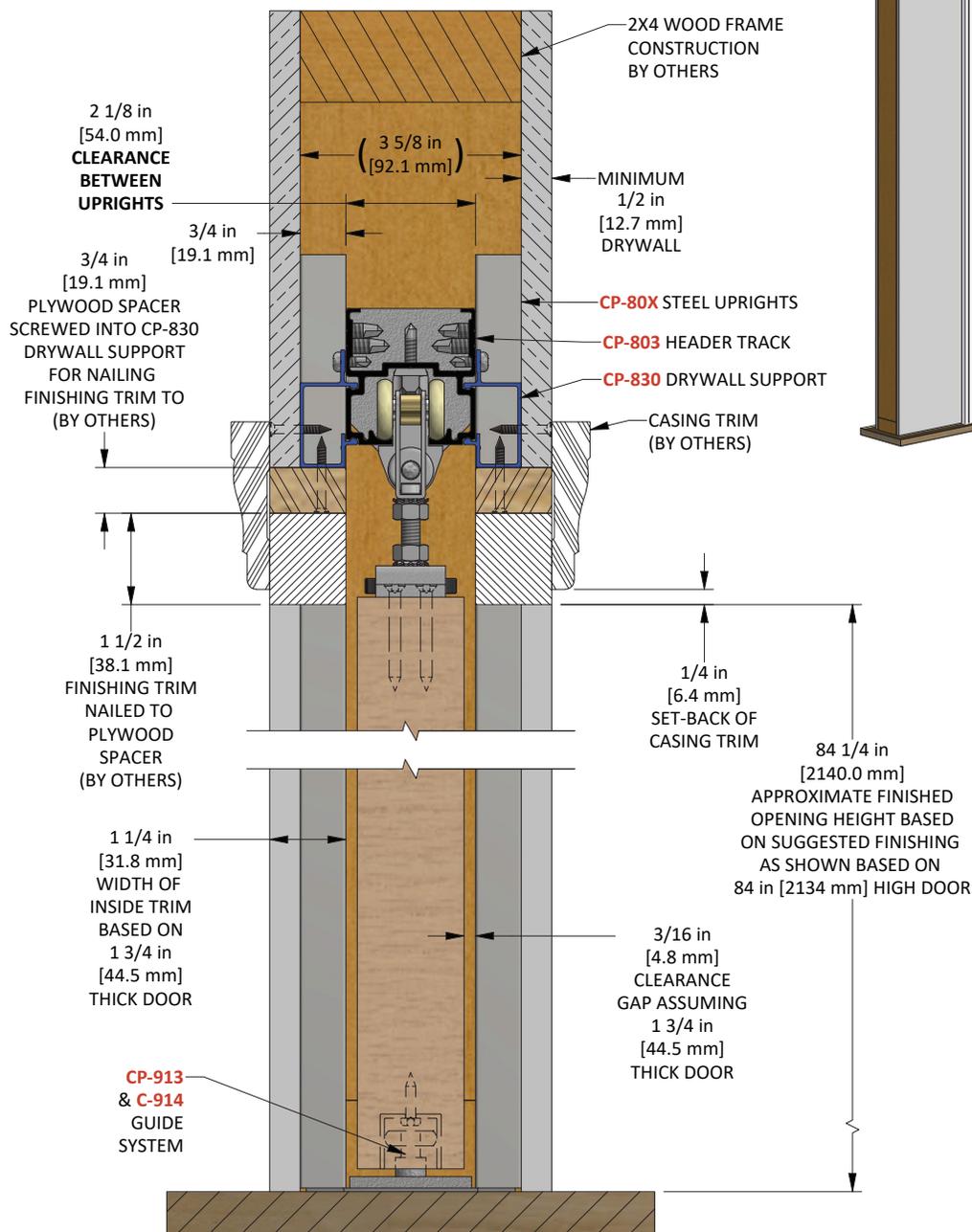
SUGGESTED DETAILS ARE BASED ON A 36 in [914 mm] WIDE X 84 in [2134 mm] HIGH DOOR USING **TYPE C-W** CROWDERFRAME POCKET DOOR KIT.

(COMPLETE TYPE C KIT ILLUSTRATED WITH FRAMING, DRYWALL & SUGGESTED FINISHING BY OTHERS).



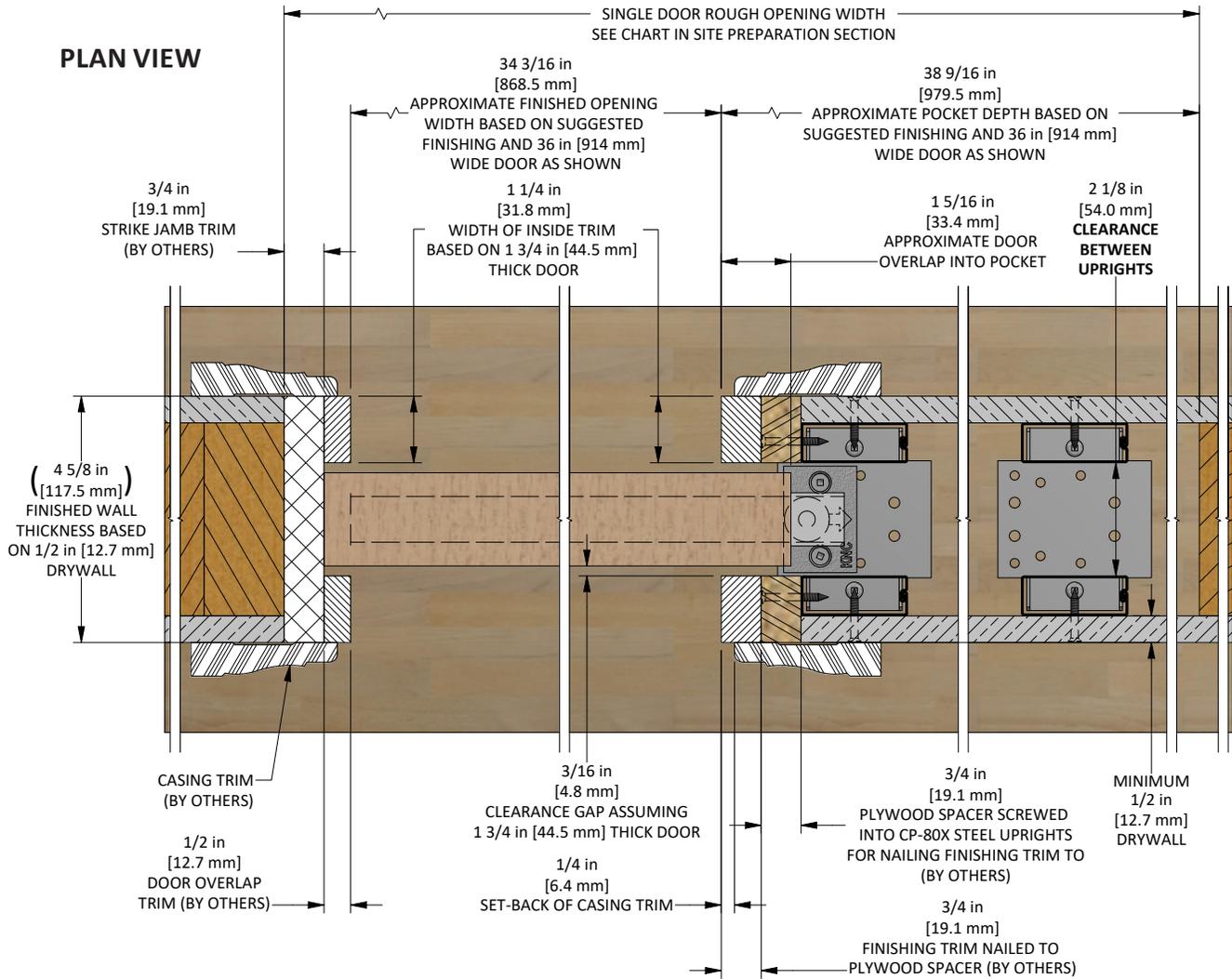
NOTE:
FOR DOUBLE DOOR KITS USING CPD-JOINER KIT, USE THIS SECTION DETAIL FOR REFERENCE.

SECTION VIEW

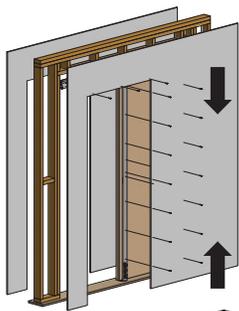


TYPE C-W CROWDERFRAME POCKET DOOR KIT

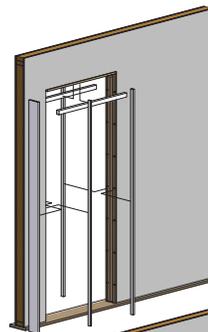
SUGGESTED FINISHING & DIMENSIONS



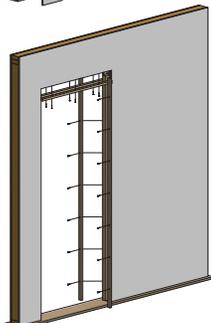
FINISHING STEPS



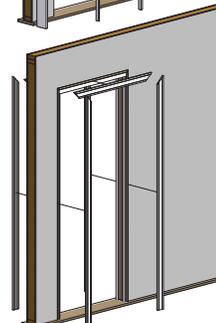
STEP #F1:
USE 1 in [25.4 mm] LONG DRYWALL SCREWS ONLY (PROVIDED) WHEN SECURING DRYWALL TO UPRIGHTS & DRYWALL SUPPORTS. FASTEN DRYWALL ALTERNATING BETWEEN TOP & BOTTOM OF STEEL UPRIGHTS. IT IS RECOMMENDED TO USE 8 DRYWALL SCREWS PER UPRIGHT AND 4 PER DRYWALL SUPPORTS. **NOTE: LONGER SCREWS MAY PENETRATE INSIDE FACE OF STEEL UPRIGHT AND DAMAGE DOOR OR AFFECT DOOR TRAVEL.**



STEP #F3:
 INSTALL JAMB FINISHING BOARD ON STRIKE SIDE AND FINISHING POCKET TRIM AT HEADER AND POCKET SIDE OF OPENING (BY OTHERS).



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 #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.**

