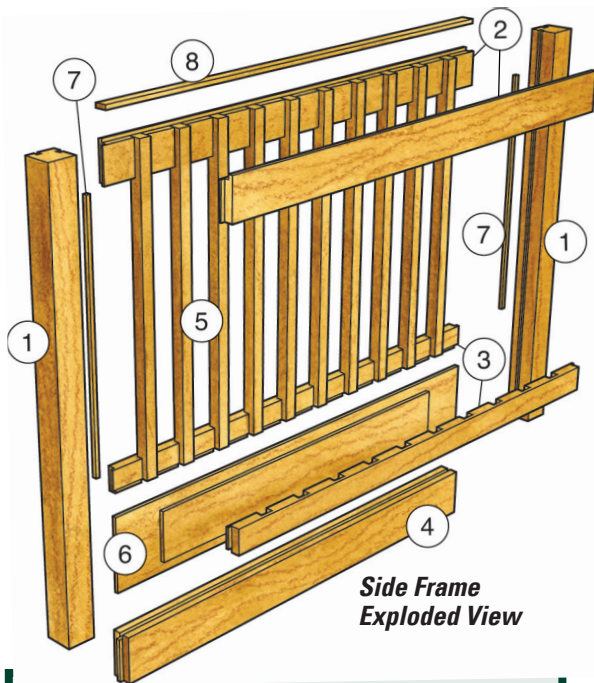


*This practical homemade kennel can be a beautiful high-class home for your favorite four-footed friend.*

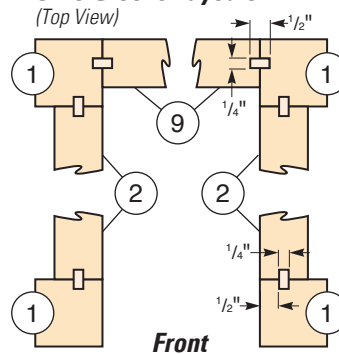


## Side Frames

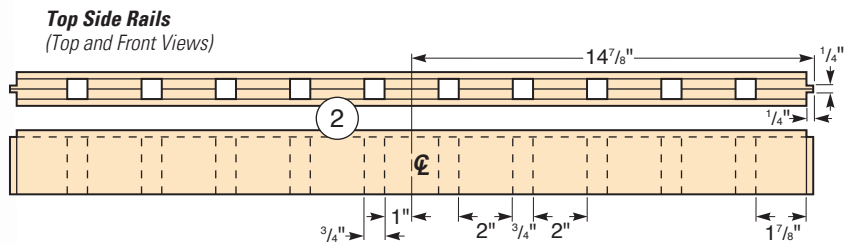
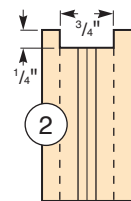
The following pages have all the technical art you will need to build the Cherry Dog Kennel



### Stile Groove Layouts



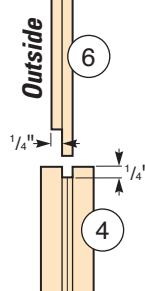
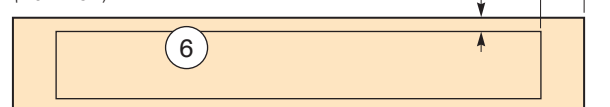
### Top Side Rails



Part 3, the Center Side Rails, will be the same layout because they are ripped from the same blank.



### Side Panel

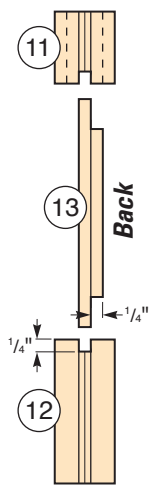


## MATERIAL LIST

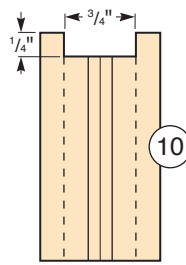
Side Frames	T x W x L
1 Side Frame Stiles (4)	1 3/4" x 1 3/4" x 27"
2 Top Side Rail Halves (4)	5/8" x 2 7/8" x 29 3/4"
3 Center Side Rail Halves (4)	5/8" x 1 1/2" x 29 3/4"
4 Bottom Side Rails (2)	1 1/4" x 3" x 29 3/4"
5 Side Slats (20)	3/4" x 3/4" x 19 1/4"
6 Side Panels (2)	1/2" x 4 3/4" x 29 3/4"
7 Side Frame Stile Filler Strips (4)	1/4" x 1/4" x 16"
8 Top Slat Retaining Caps (2)	1/4" x 3/4" x 29 1/4"

# End Frame

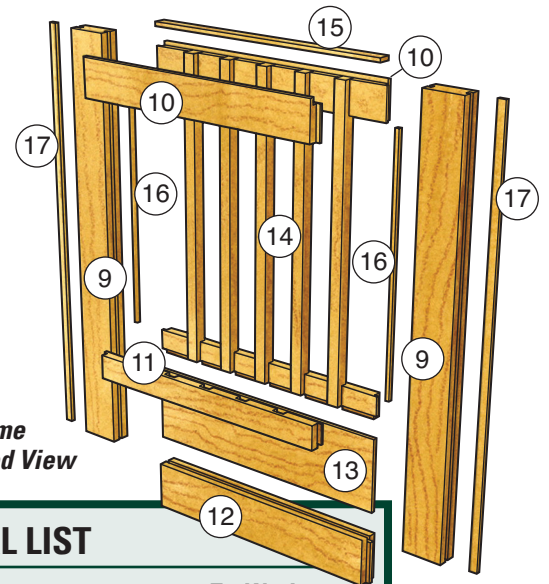
**End Frame Panel Assembly Detail**  
(End View)



**Top End Frame Rail**  
(End View)



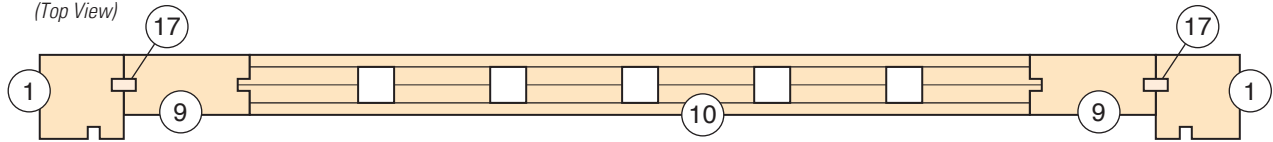
**End Frame Exploded View**



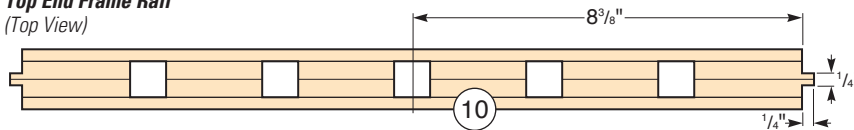
## MATERIAL LIST

End Frame	T x W x L
9 End Frame Stiles (2)	1 1/4" x 2 5/8" x 27"
10 Top End Frame Rail Halves (2)	5/8" x 2 3/8" x 16 3/4"
11 Center End Frame Rail Halves (2)	5/8" x 1 1/2" x 16 3/4"
12 Bottom End Frame Rail (1)	1 1/4" x 3" x 16 3/4"
13 End Frame Panel (1)	1/2" x 4 3/4" x 16 3/4"
14 End Frame Slats (5)	3/4" x 3/4" x 19 1/8"
15 Top Rail Slat Retaining Cap (1)	1/4" x 3/4" x 16 1/4"
16 End Frame Stile Filler Strips (2)	1/4" x 1/4" x 16"
17 Tenons (2)	1/4" x 1/2" x 27"

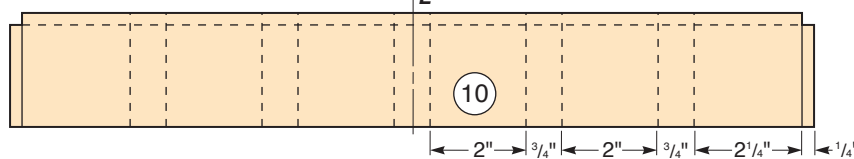
**End Frame Layout**  
(Top View)



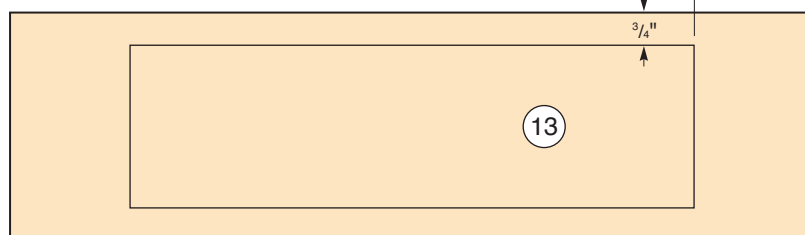
**Top End Frame Rail**  
(Top View)



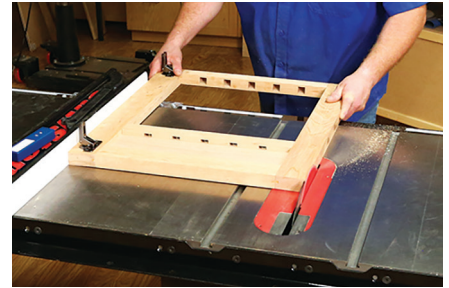
**Top End Frame Rail**  
(Front View)



**End Frame Panel**  
(Front View)



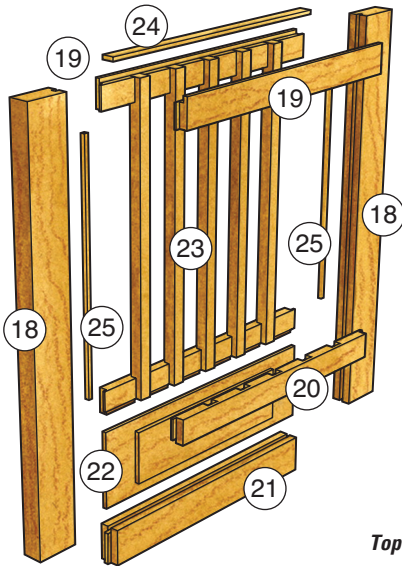
# Door Frame



After hanging the door in the opening, it required just a bit of resizing to create an even reveal inside the carcass. A quick cut on the table saw right-sized the door handily.

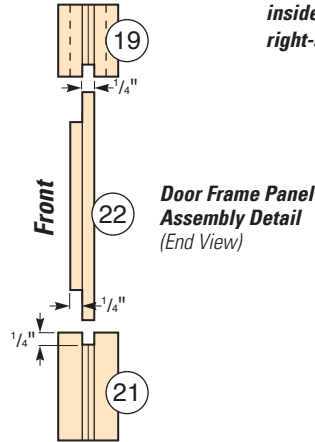
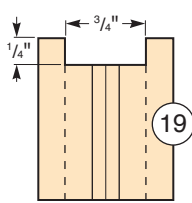
## MATERIAL LIST

Door Frame	T x W x L
18 Door Frame Stiles (2)	1 1/4" x 2 5/8" x 25 1/2"
19 Top Door Frame Rail Halves (2)	5/8" x 1 1/2" x 16 3/4"
20 Center Door Frame Rail Halves (2)	5/8" x 1 1/2" x 16 3/4"
21 Bottom Door Frame Rail (1)	1 1/4" x 2 1/4" x 16 3/4"
22 Door Frame Panel (1)	1/2" x 4 3/4" x 16 3/4"
23 Door Frame Slats (5)	3/4" x 3/4" x 18 3/8"
24 Door Rail Slat Retaining Cap (1)	1/4" x 3/4" x 16 1/4"
25 Door Frame Stile Filler Strips (2)	1/4" x 1/4" x 16"



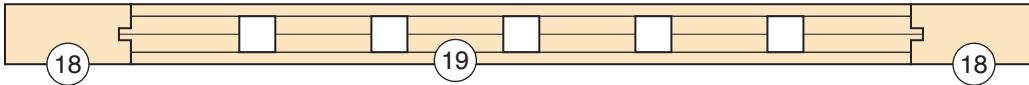
**Door Frame Exploded View**

**Top Door Frame Rail (End View)**

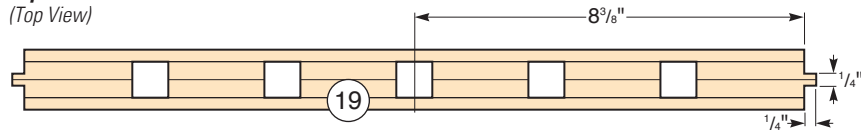


**Door Frame Panel Assembly Detail (End View)**

**Door Frame Layout (Top View)**

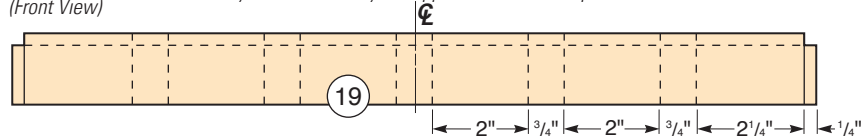


**Top Door Frame Rail (Top View)**

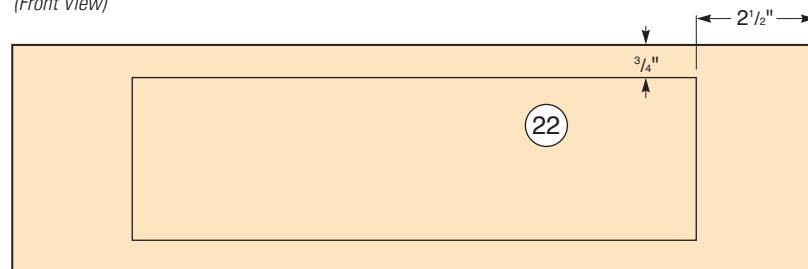


**Top Door Frame Rail (Front View)**

Part 20, the Center Door Frame Rail, will be the same layout because they are ripped from the same piece.



**Door Frame Panel (Front View)**

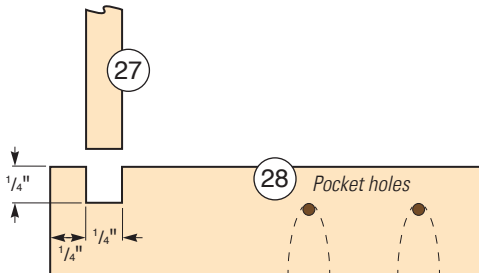




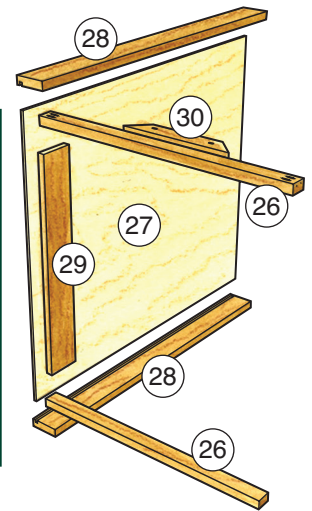
## Additional Parts

**Note:** Do NOT glue the Safety Panel Supports, Pieces 28, in place. They are meant to be removable to service the slides.

**Safety Panel Supports Groove**  
(End View)



## Additional Parts Exploded View



## MATERIAL LIST

Additional Parts	T x W x L
26 Front Top and Bottom Rails* (2)	3/4" x 1 1/4" x 21 1/2"
27 Inner Safety Panel (1)	1/4" x 26" x 30 1/4"
28 Safety Panel Supports* (2)	3/4" x 3" x 30 5/16"
29 Flipper Door Follower Strip (1)	1/2" x 2 3/4" x 19 1/4"
30 Top Panel Cleats (2)	3/4" x 1 1/2" x 9"
31 Top Panel (1)	3/4" x 27" x 33 3/4"

\* secured with pocket hole screws



Pocket-hole screws secure the Safety Panel Supports, pieces 28. The Top Panel Cleats, pieces 30, are glued in place.



The Safety Panel is trapped in its grooves by the Front Top and Bottom Rails. This keeps the slide mechanism free from the dog.



To function properly, the flipper door hardware requires a follower strip. Here you can see how the follower strip is attached to the slide hardware.