

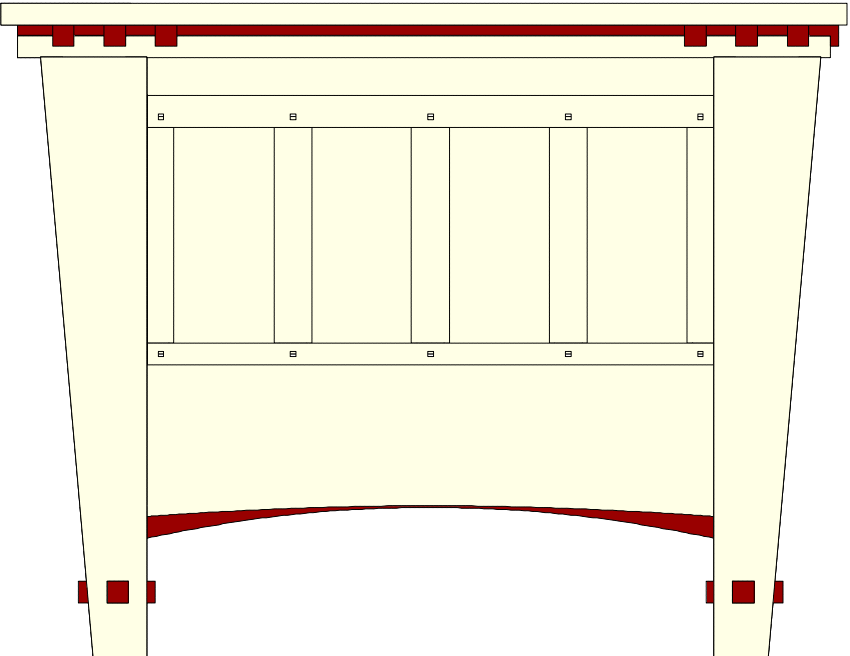
AKERS

Craftsman Revival Chair Number 1

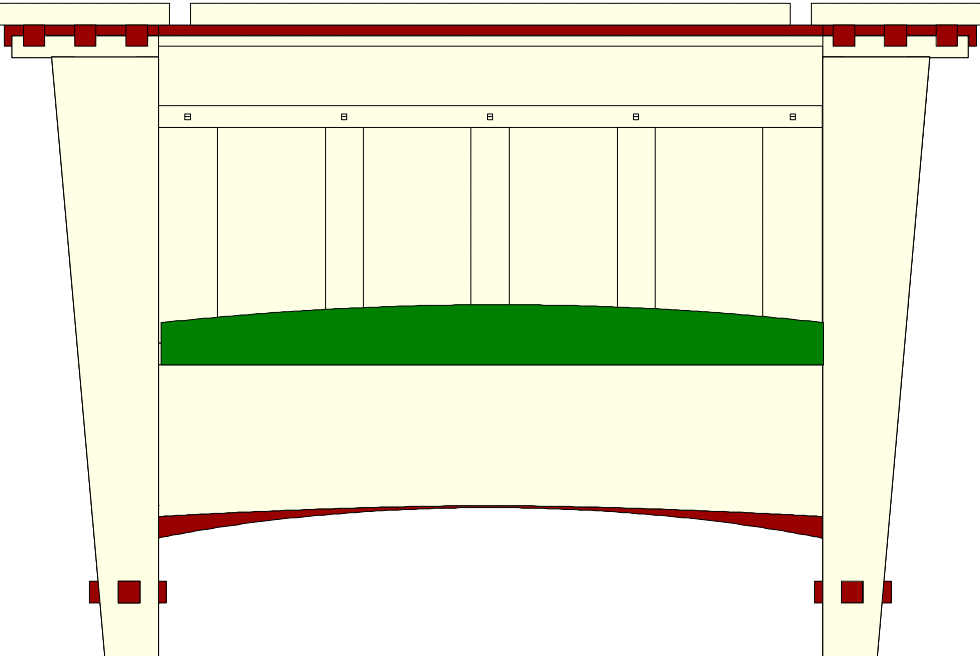
Walt Akers
Twisted Oaks Studios

March 3, 2001

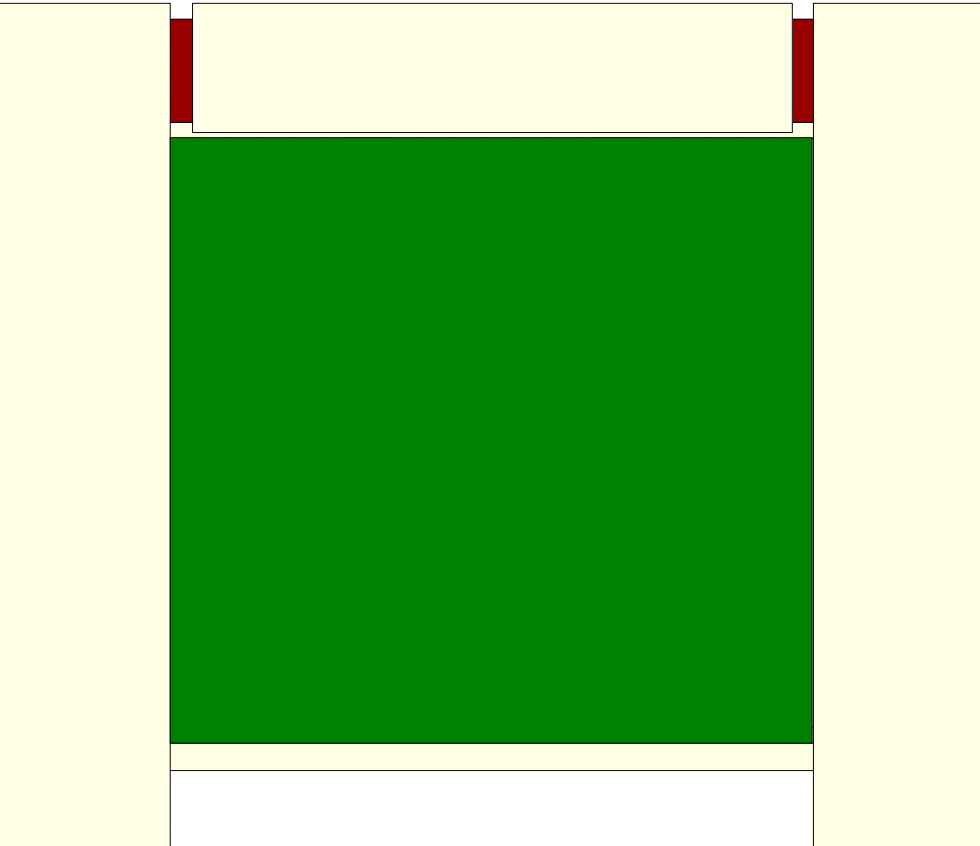
Directional Views of Chair



Side View

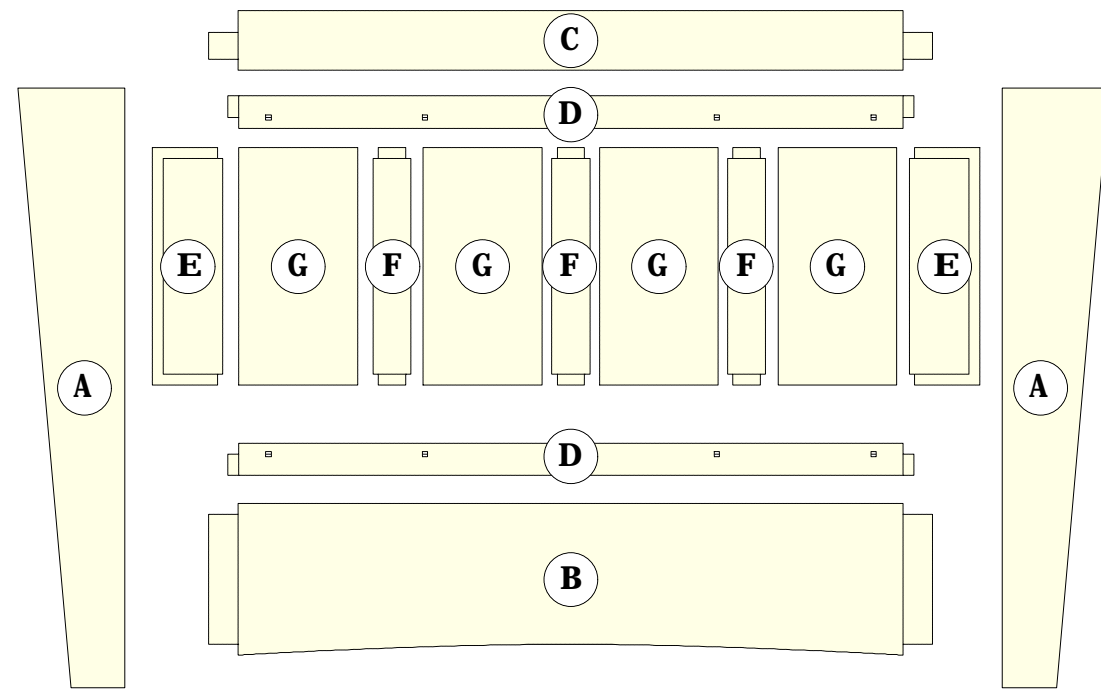


Front View



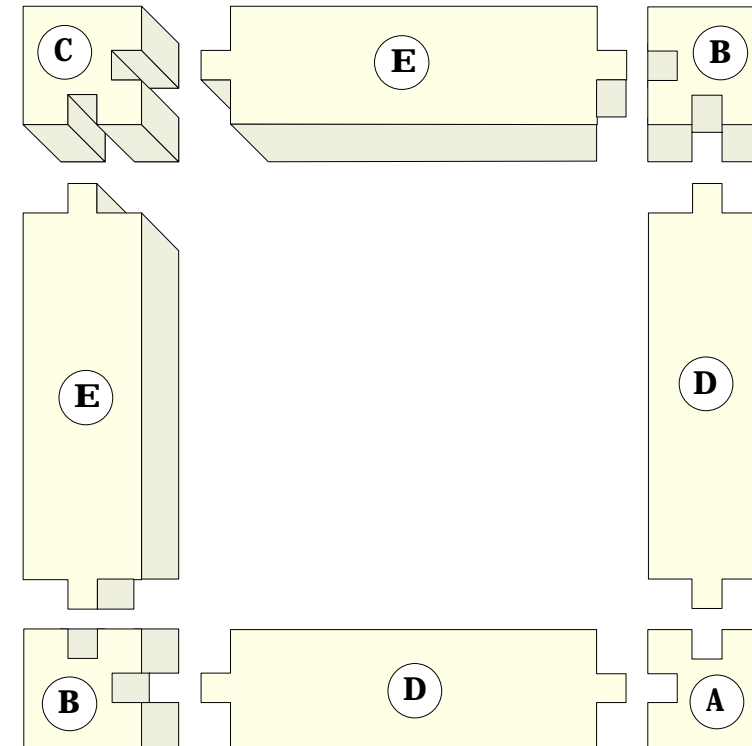
Top View

Exploded View of Chair Back



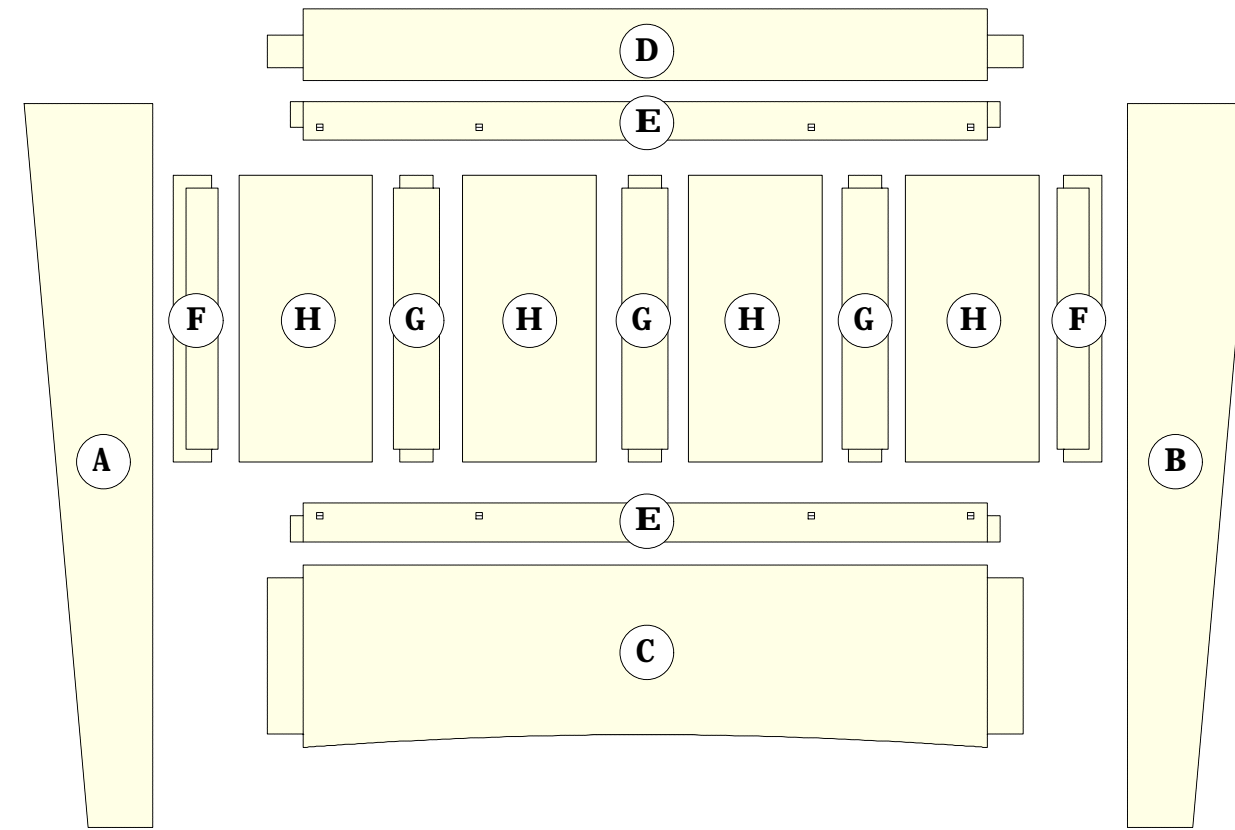
- A) Leg
- B) Lower Rear Rail
- C) Upper Rear Rail
- D) Rear Sub-Rail
- E) Rear Stile
- F) Muntin
- G) Panel

Exploded View of Leg Assembly



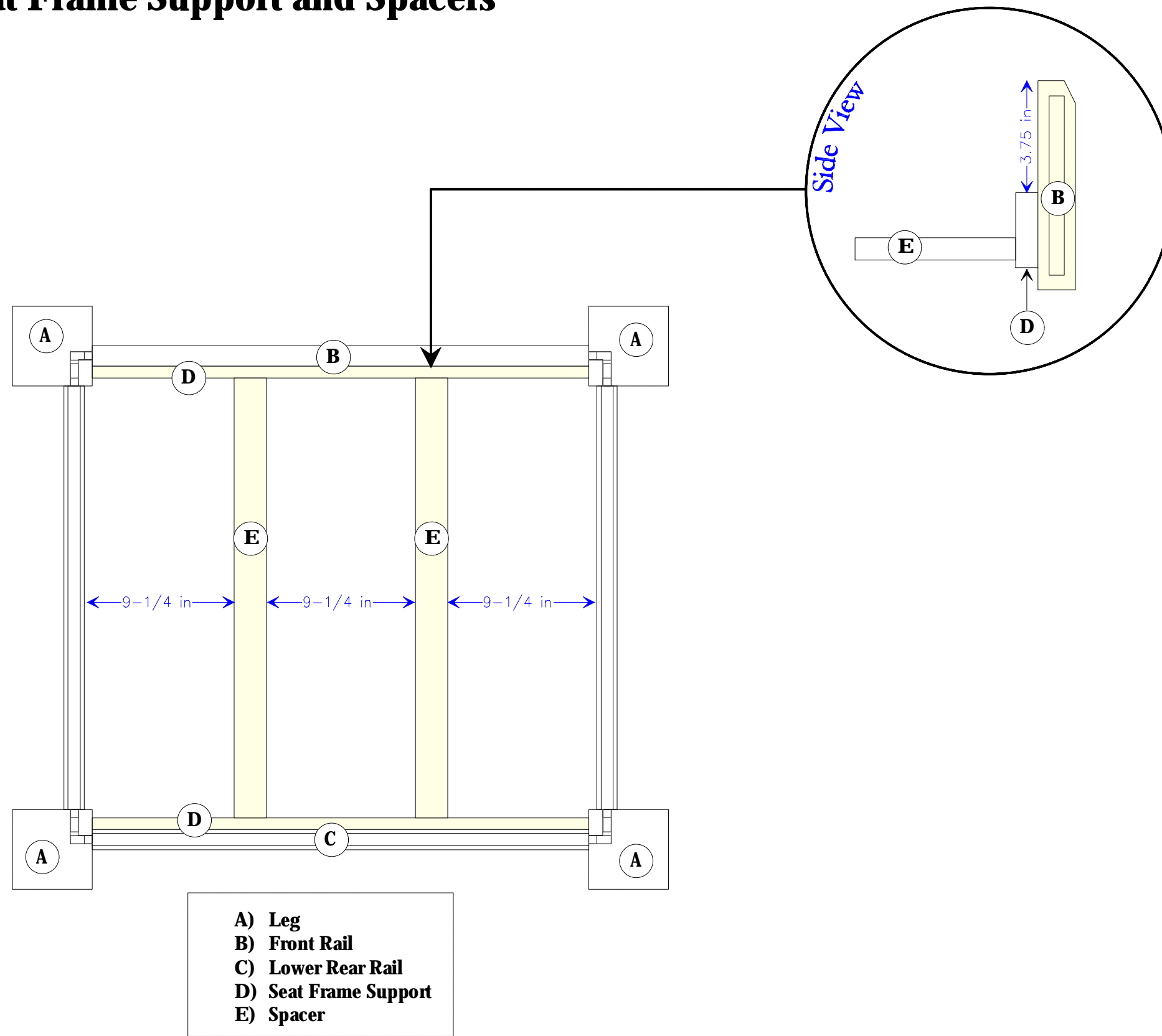
- A) Inner Leg Post
- B) Corner Leg Post
- C) Outer Leg Post
- D) Inner Leg Section
- E) Outer Leg Section

Exploded View of Chair Side



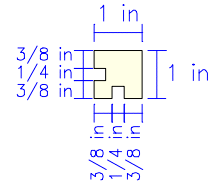
- A) Rear Leg**
- B) Front Leg**
- C) Lower Side Rail**
- D) Upper Side Rail**
- E) Side Sub-Rail**
- F) Side Stile**
- G) Muntin**
- H) Panel**

Positioning of Seat Frame Support and Spacers



Inner Leg Post (4 Each)

Top View

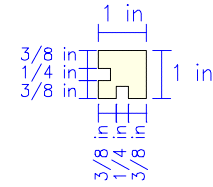


Side View

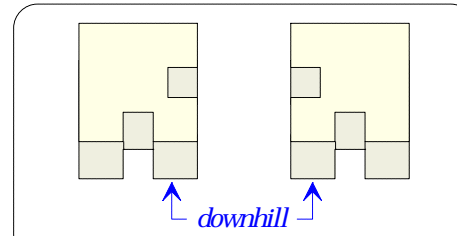
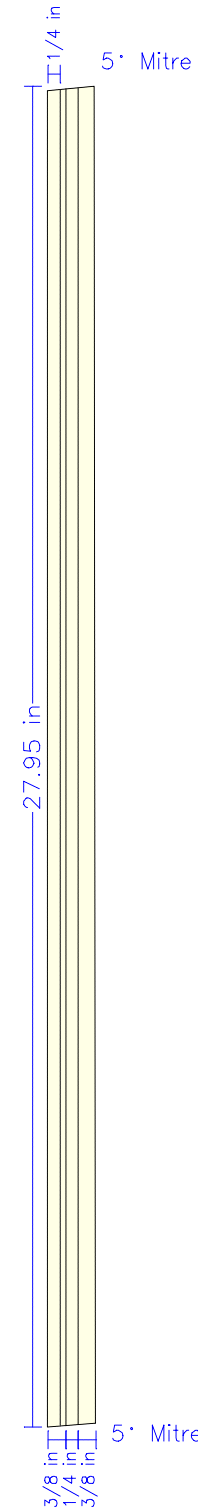


Corner Leg Post (8 Each)

Top View



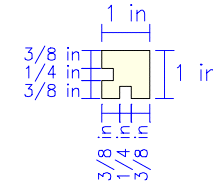
Side View



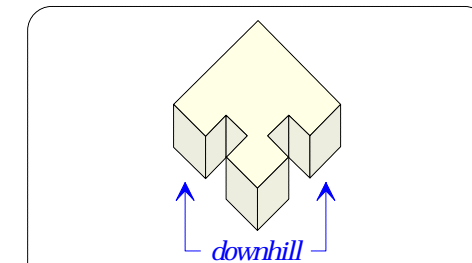
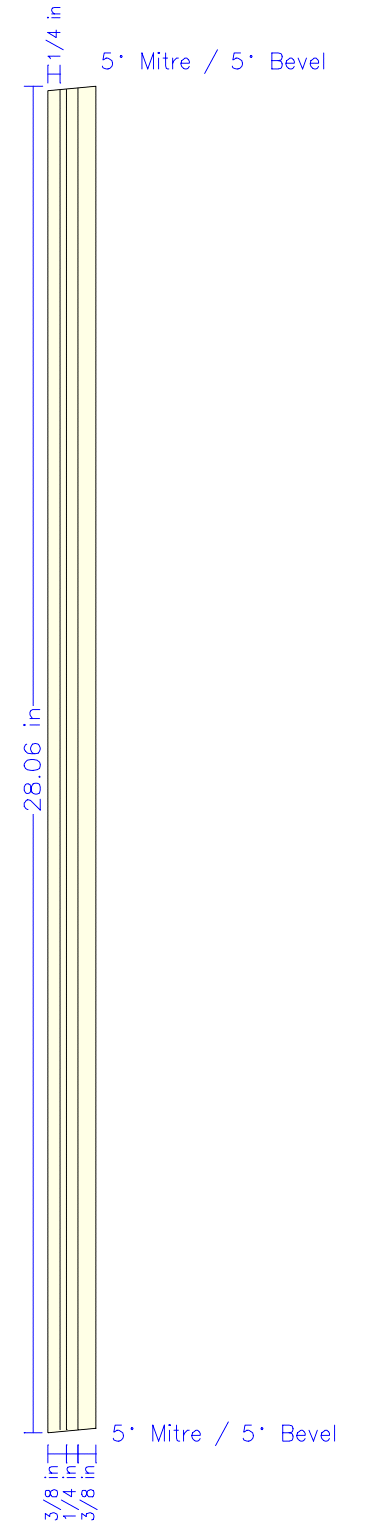
Note: There is always a dado slot on the *downhill* side of the section. However four of the sections will have a dado to the *left* of the downhill dado and four will have a dado to the *right* of the downhill dado.

Outter Leg Post (4 Each)

Top View



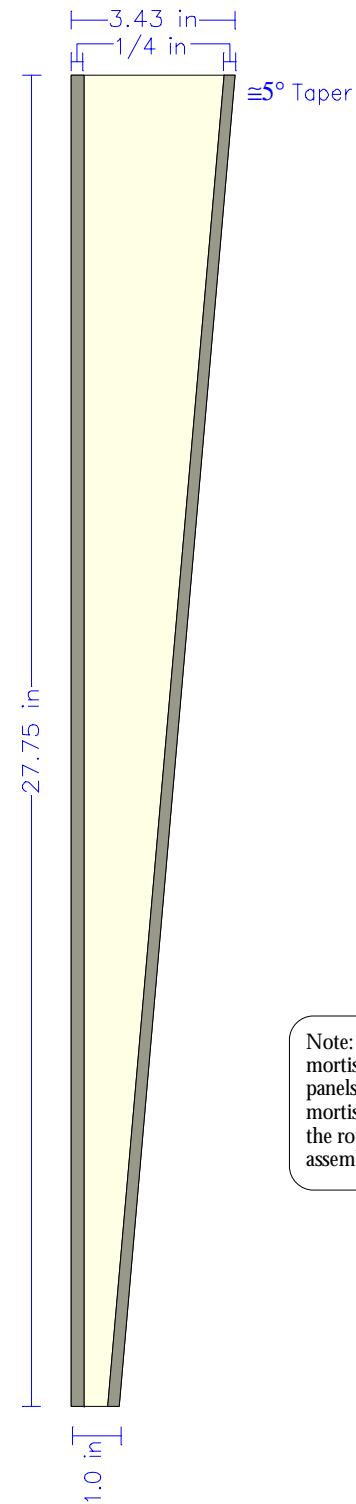
Side View



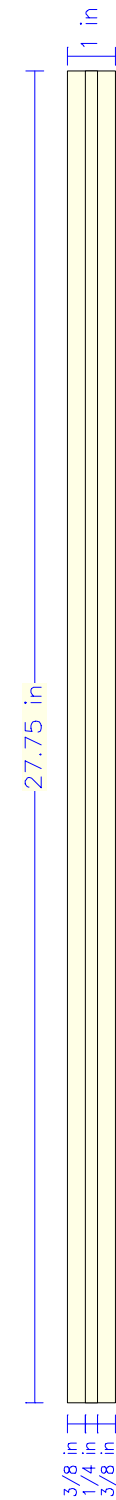
Note: The dados for these pieces are always cut in the downhill edges. It is often easier to cut this leg segment longer than needed and then cut the bottom of the leg to length once it has been assembled.

Inner Leg Section (8 Each)

Front View



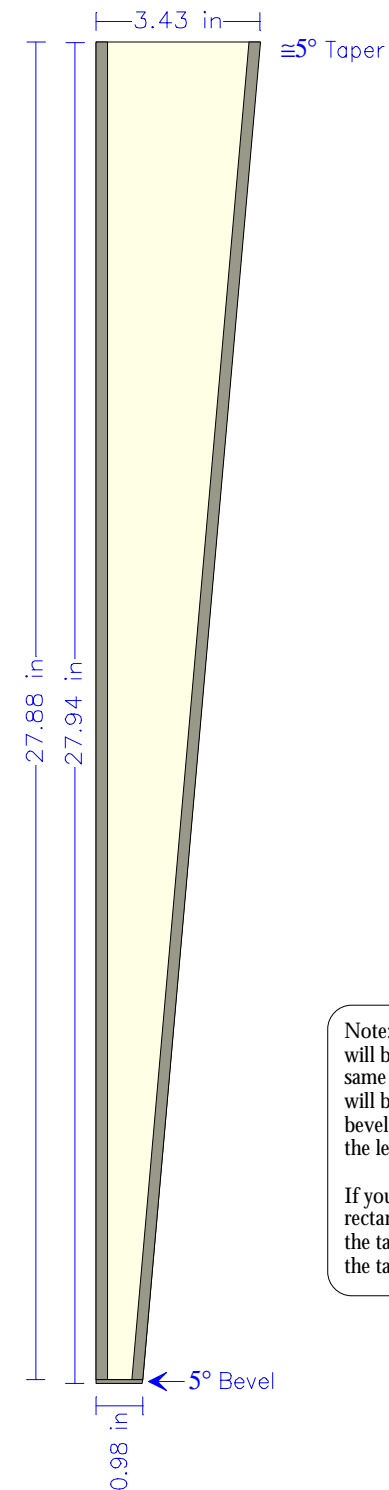
Side View



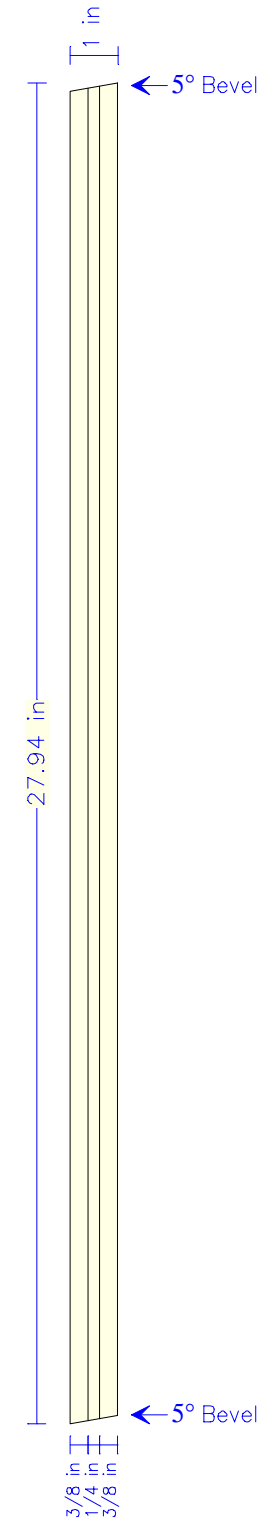
Note: These sections will receive mortises for the stretchers and side panels. It is easier to cut these mortises using a 1/2" straight bit on the router once the legs have been assembled and trimmed to length.

Outer Leg Section (8 Each)

Front View



Side View

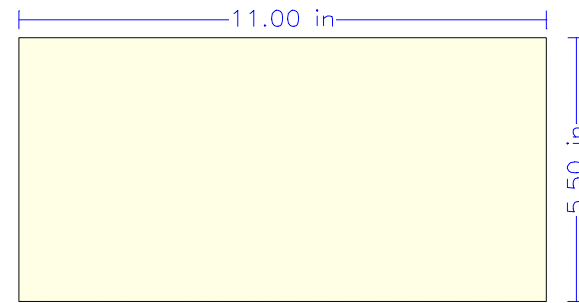


Note: Because these two sections will be on the opposite side of the same leg, on one section the taper will be to the right of the inside bevel and on the other it will be to the left.

If you cut the 5 degree bevels in the rectangular board prior to cutting the tapered halves - you'll end up with the tapers properly oriented.

Back Panel (4 Each)

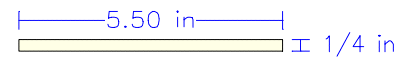
Front View



Side View

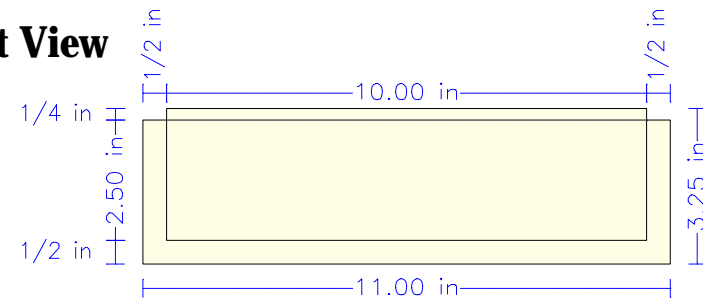


End View

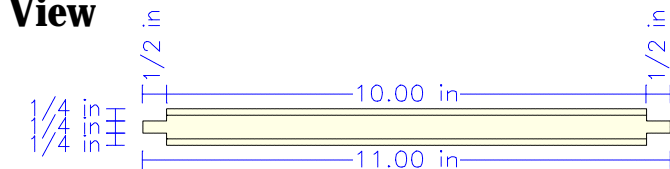


Rear Stile (2 Each)

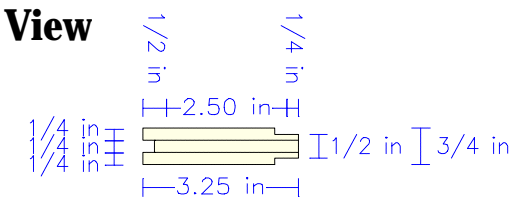
Front View



Side View

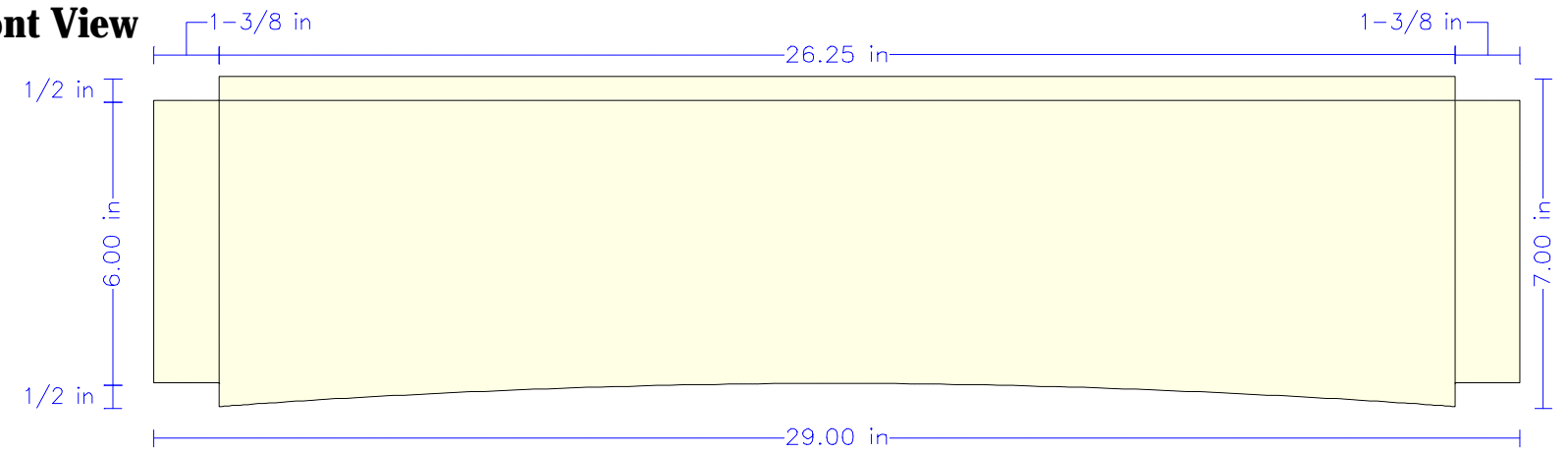


End View

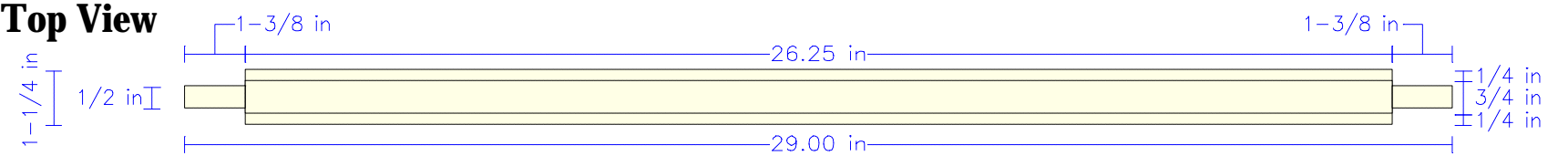


Lower Side Rail (2 Each)

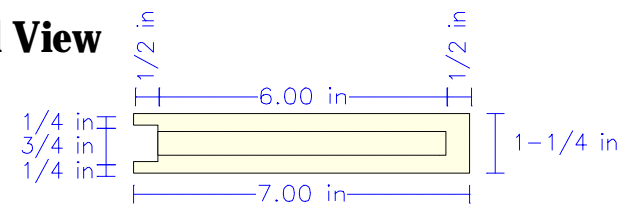
Front View



Top View

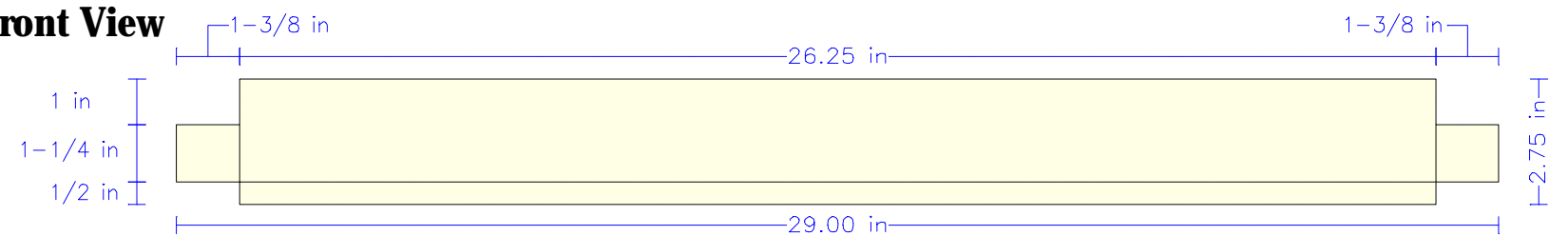


End View

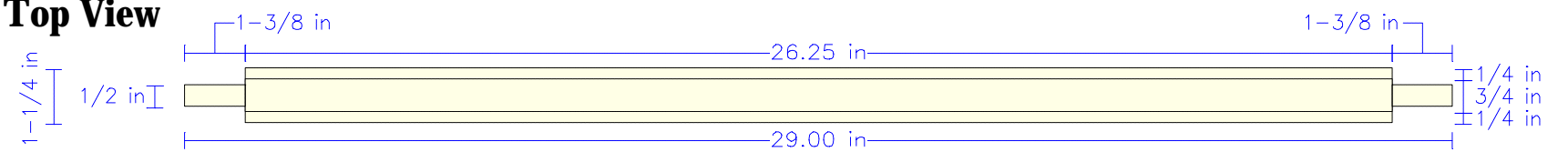


Upper Side Rail (2 Each)

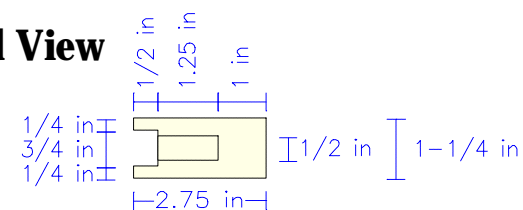
Front View



Top View

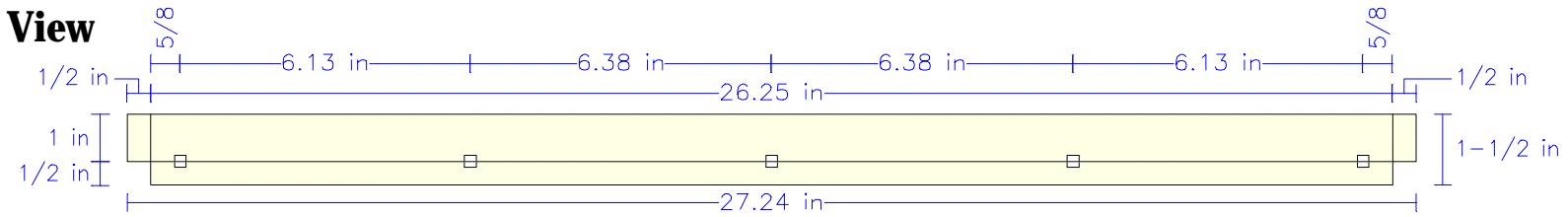


End View

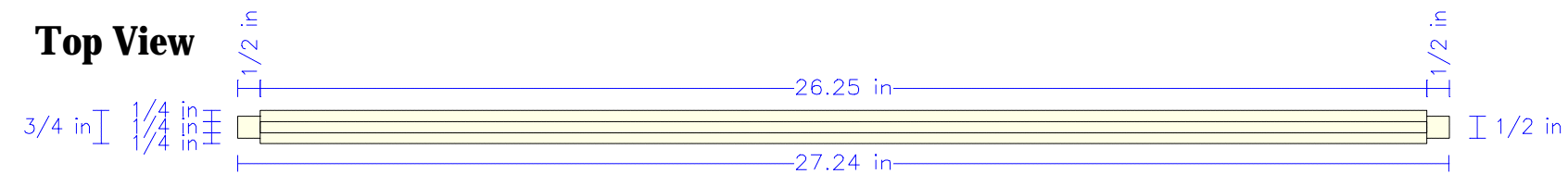


Side Sub-Rails (4 Each)

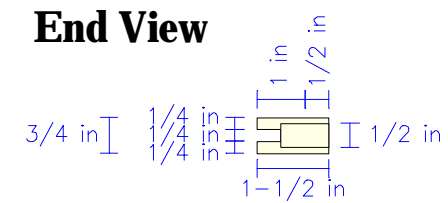
Front View



Top View

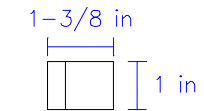


End View

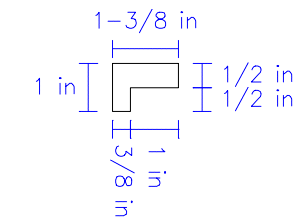


Dental Insert (18 Each)

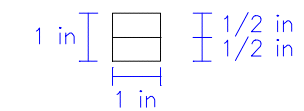
Top View



Side View

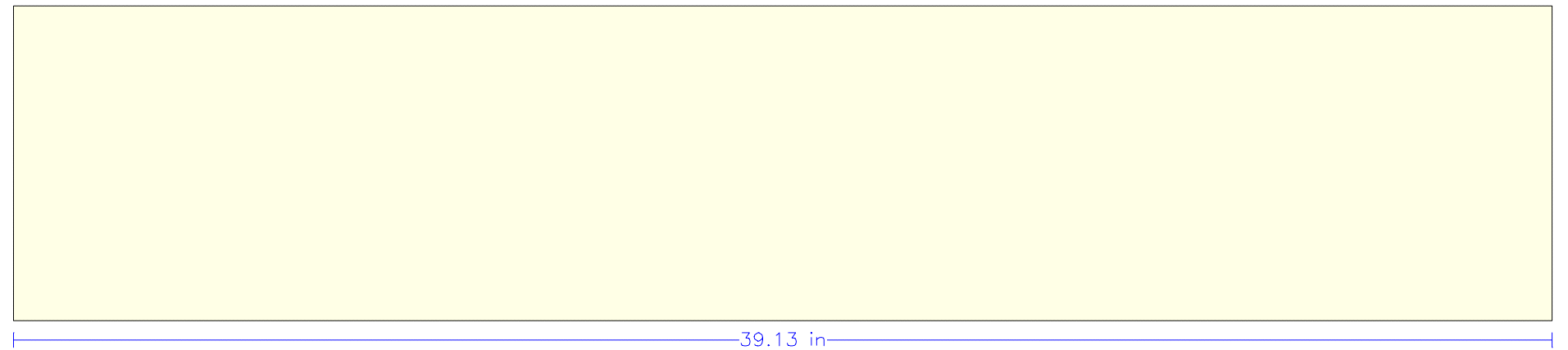


End View

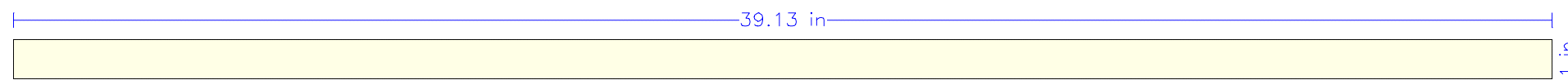


Arm Rest (2 Each)

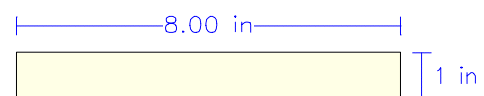
Front View



Top View

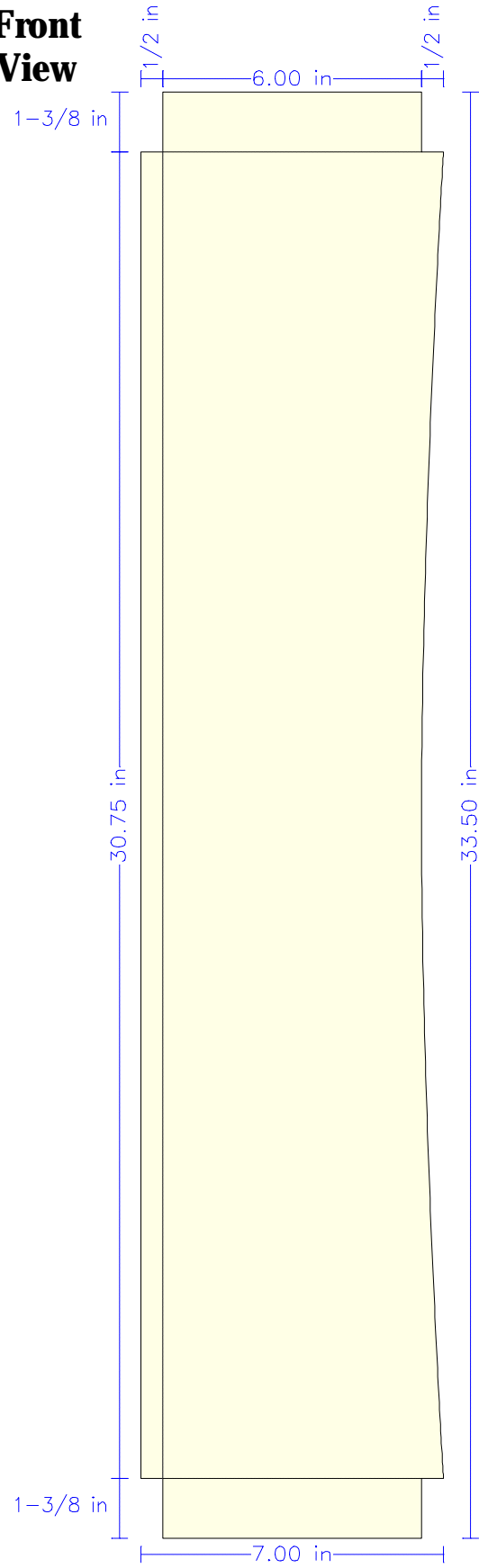


End View

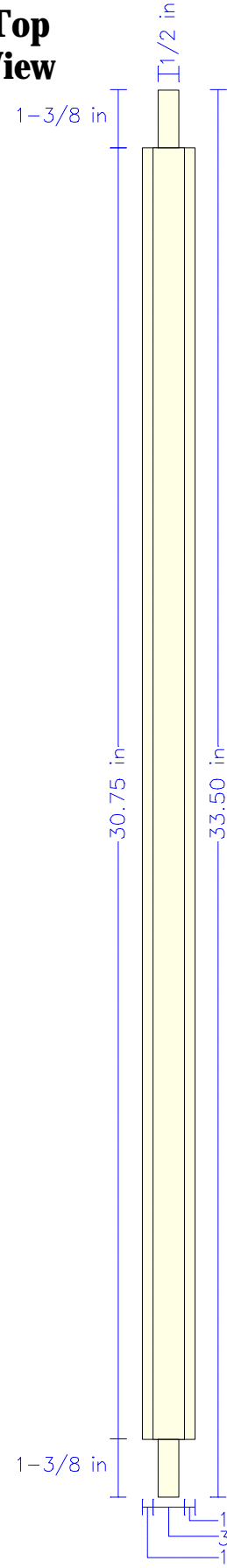


Lower Rear Rail (1 Each)

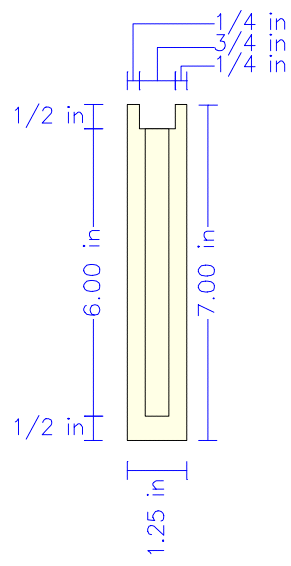
Front View



Top View

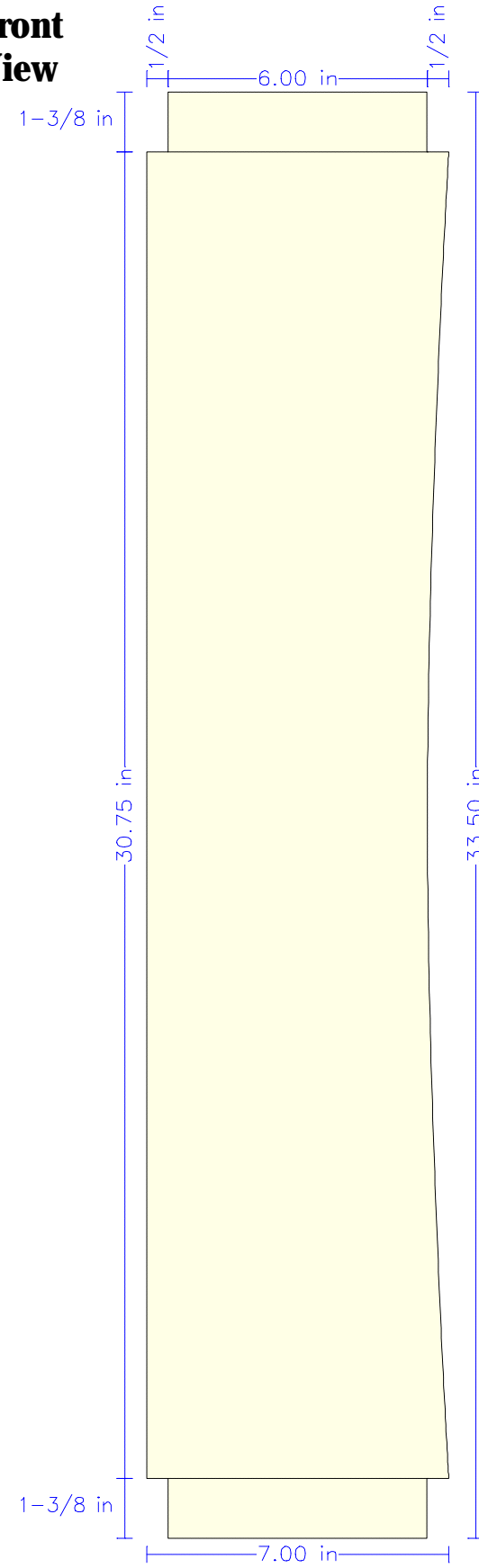


End View

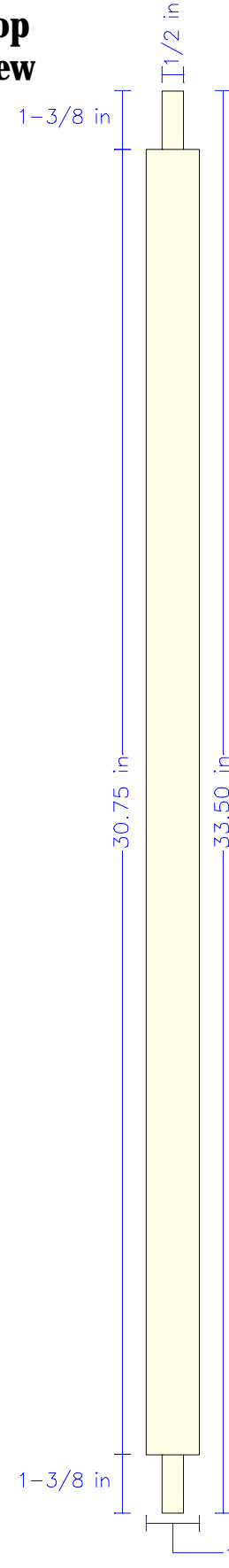


Front Rail (1 Each)

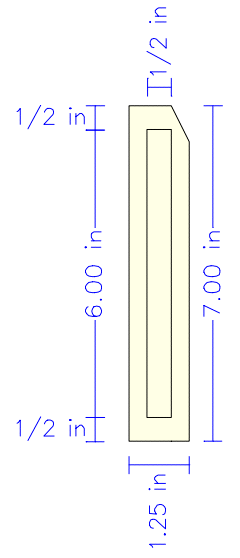
Front View



Top View

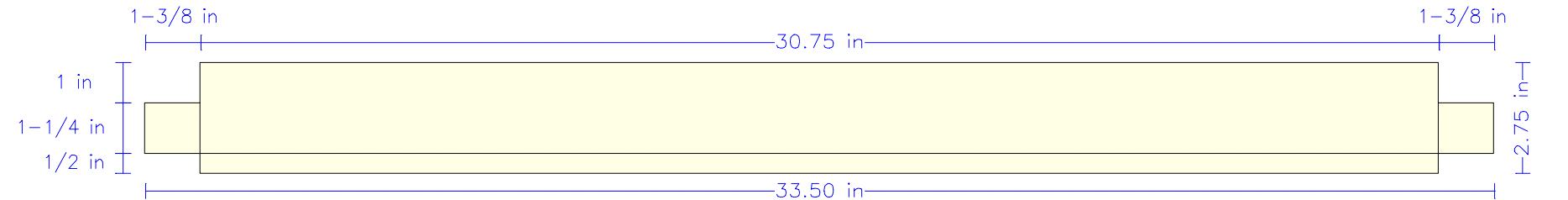


End View

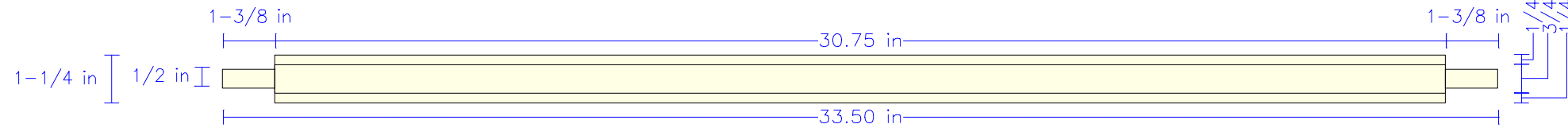


Upper Rear Rail (1 Each)

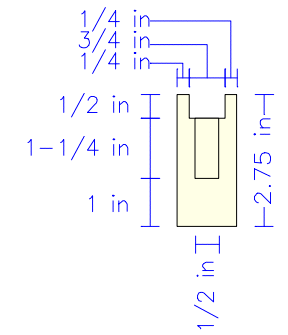
Front View



Top View

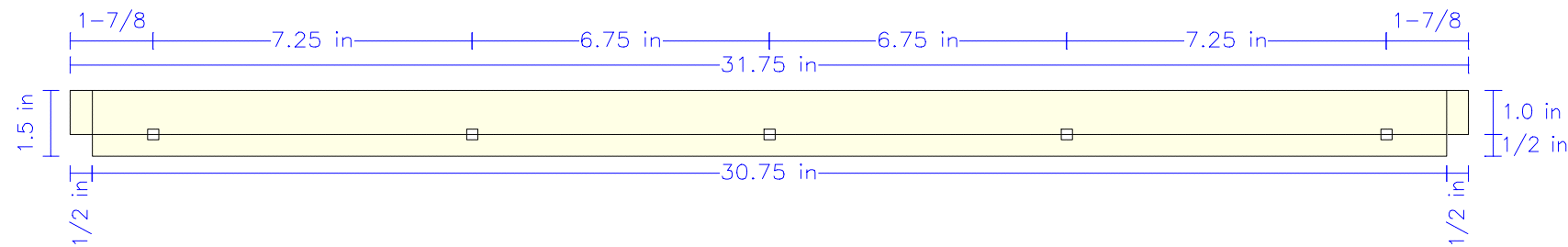


End View

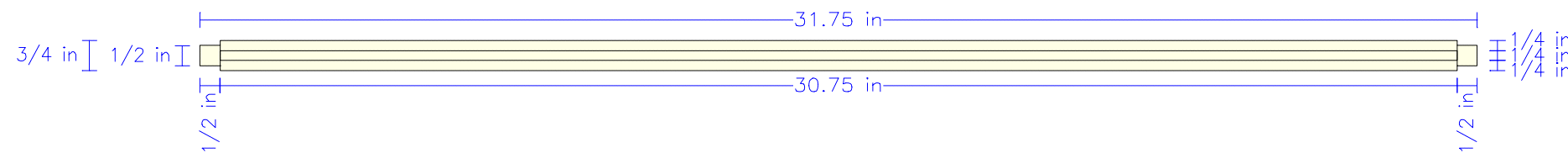


Rear Sub-Rail (2 Each)

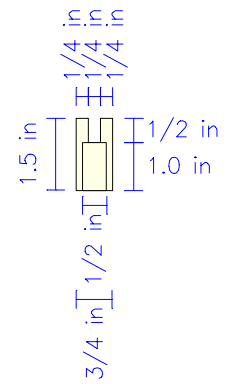
Front View



Top View

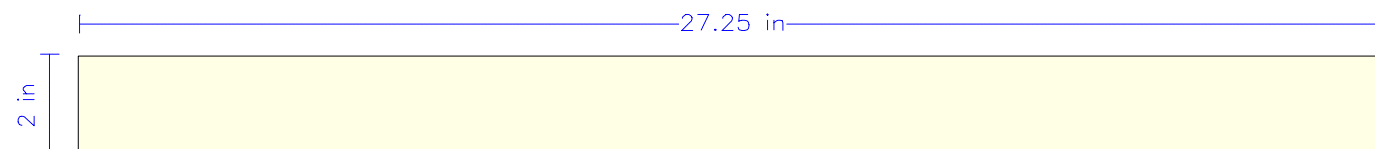


End View

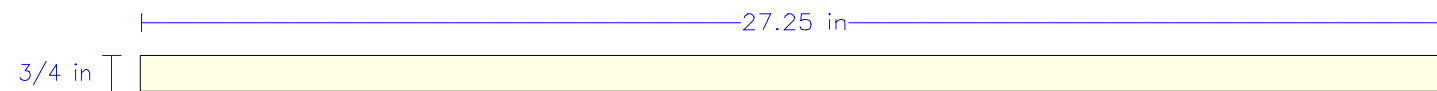


Seat Spacer (2 Each)

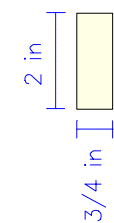
Front View



Top View

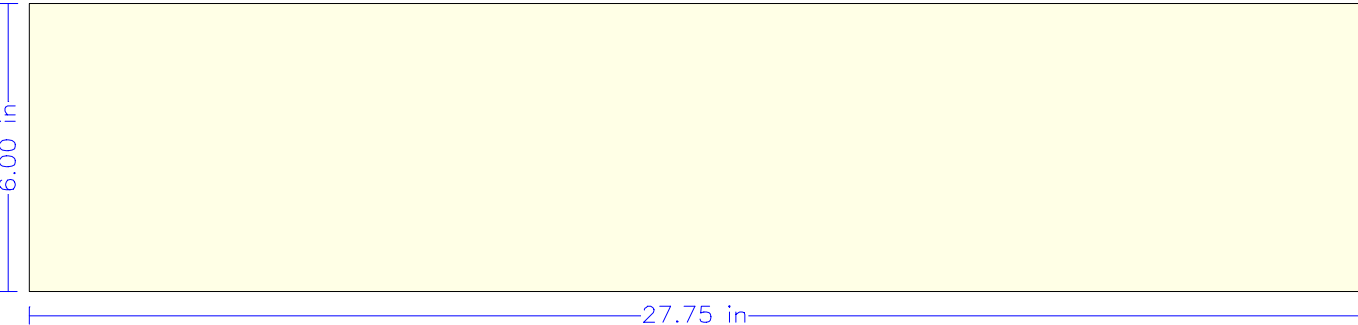


End View

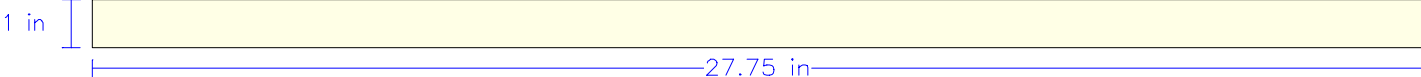


Rear Arm Rest (1 Each)

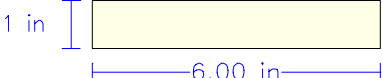
Top View



Front View

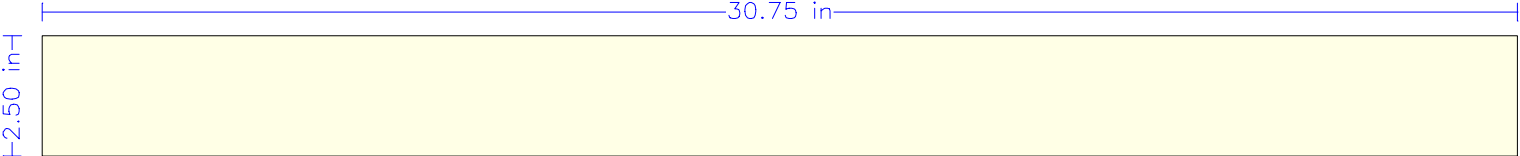


End View

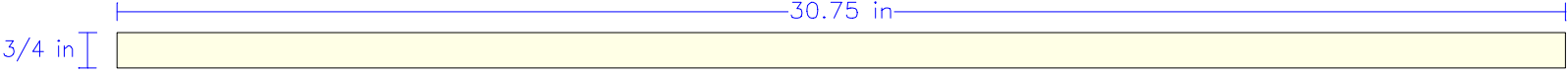


Seat Frame Support (2 Each)

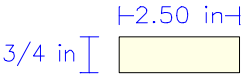
Front View



Side View

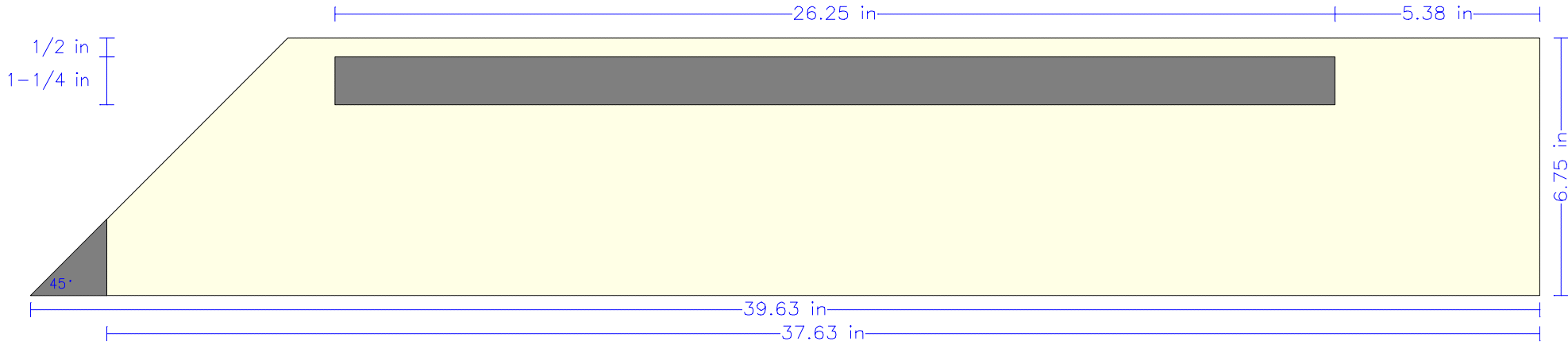


End View

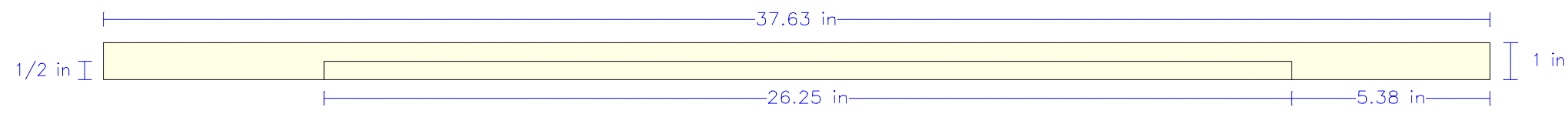


Side SubArm Rest (2 Each)

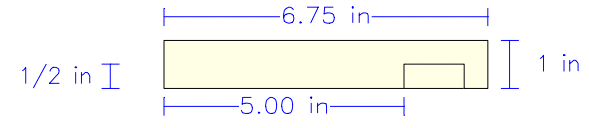
Front View



Side View

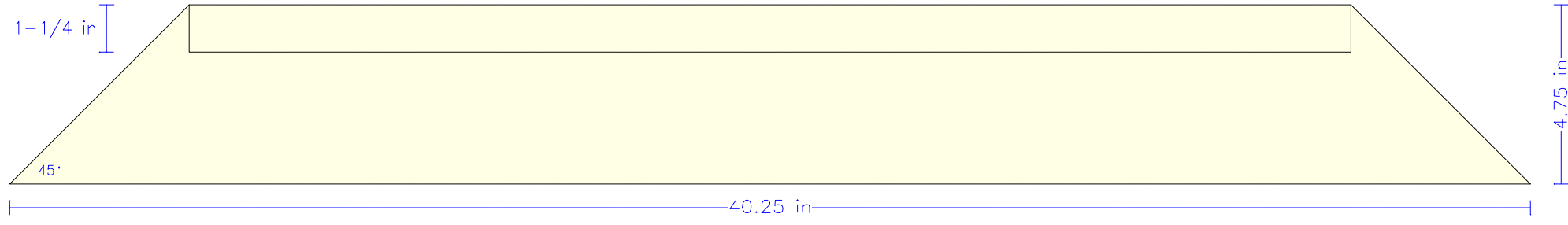


End View

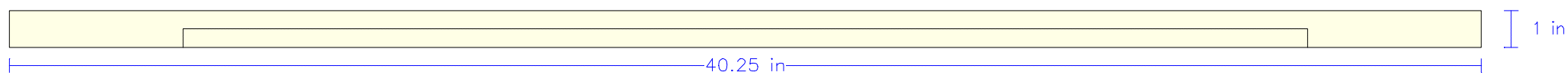


Rear SubArm Rest (1 Each)

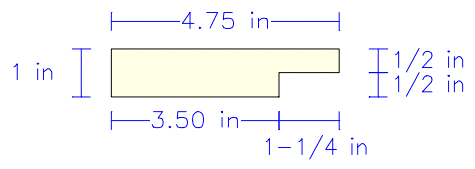
Front View



Side View

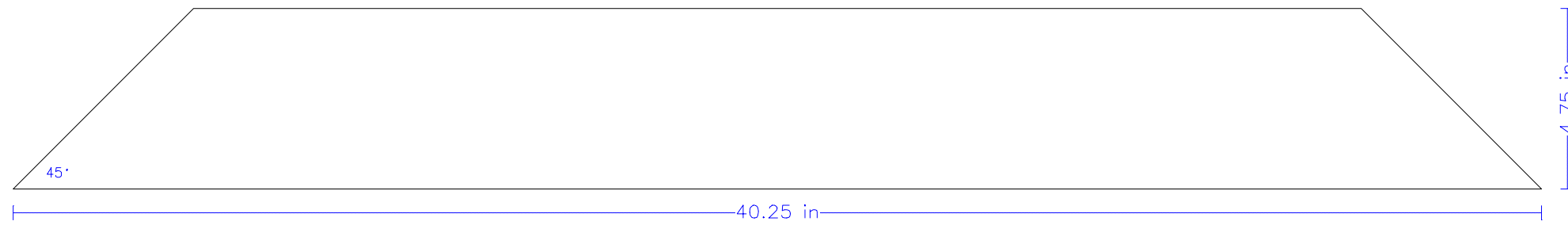


End View

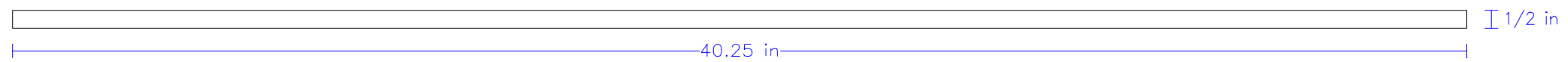


Rear Arm Rest MidSection (1 Each)

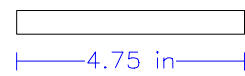
Front View



Side View

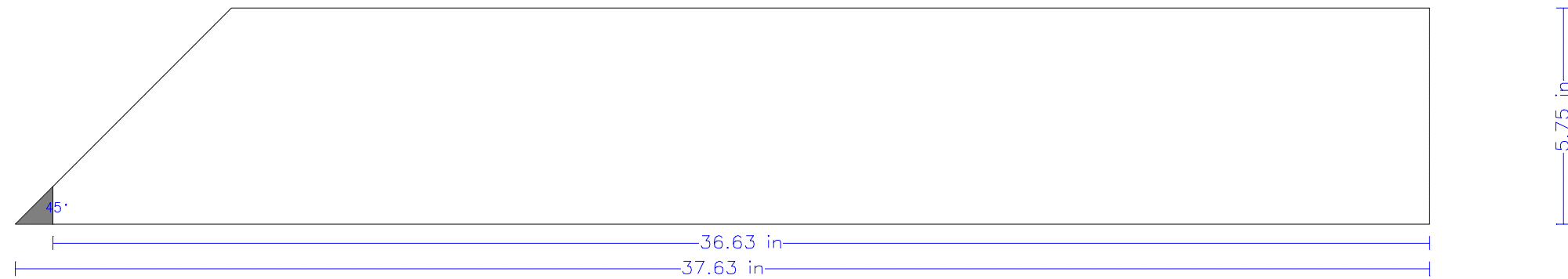


End View

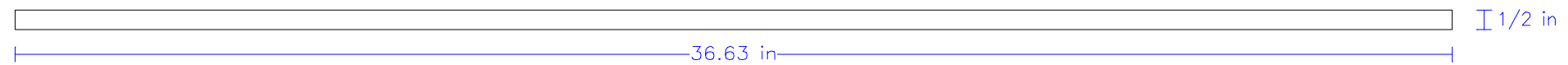


Side Arm Rest MidSection (2 Each)

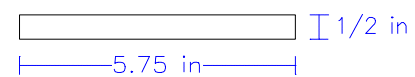
Front View



Side View

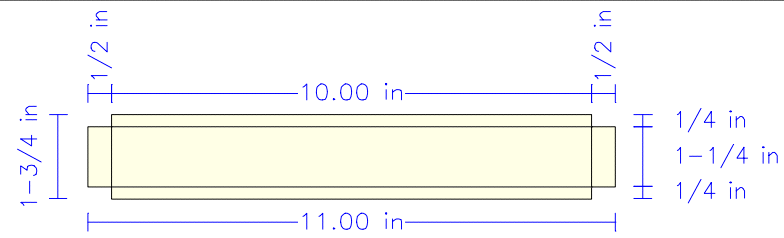


End View

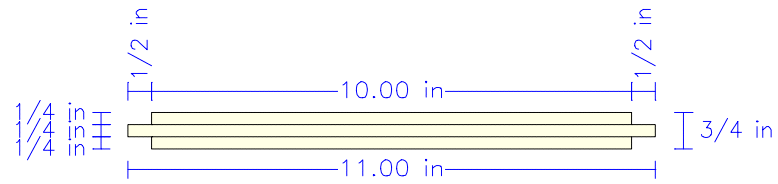


Muntin (9 Each)

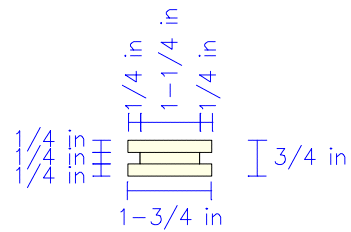
Front View



Side View

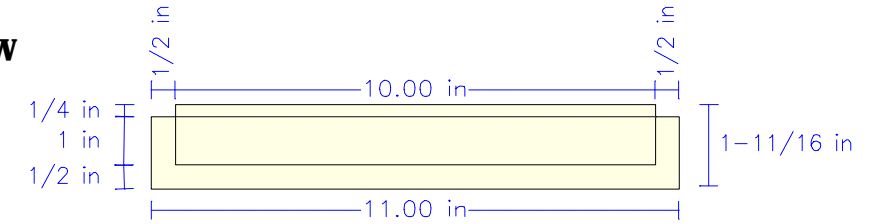


End View

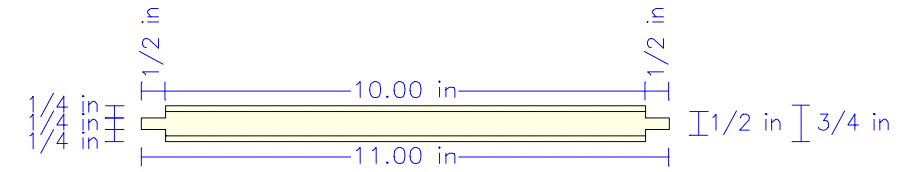


Side Stile (4 Each)

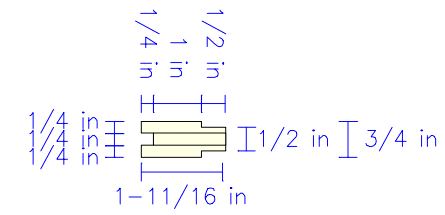
Front View



Side View

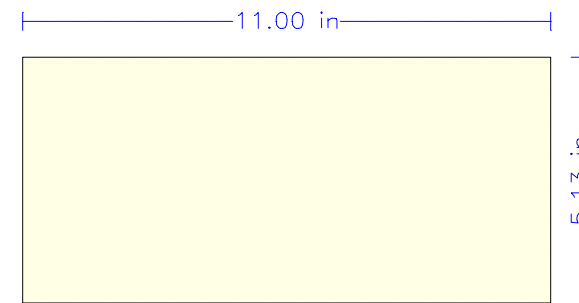


End View

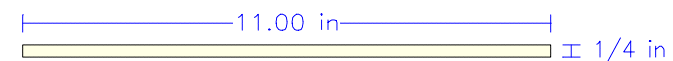


Side Panel (8 Each)

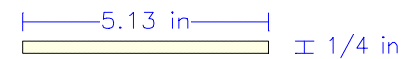
Front View



Side View

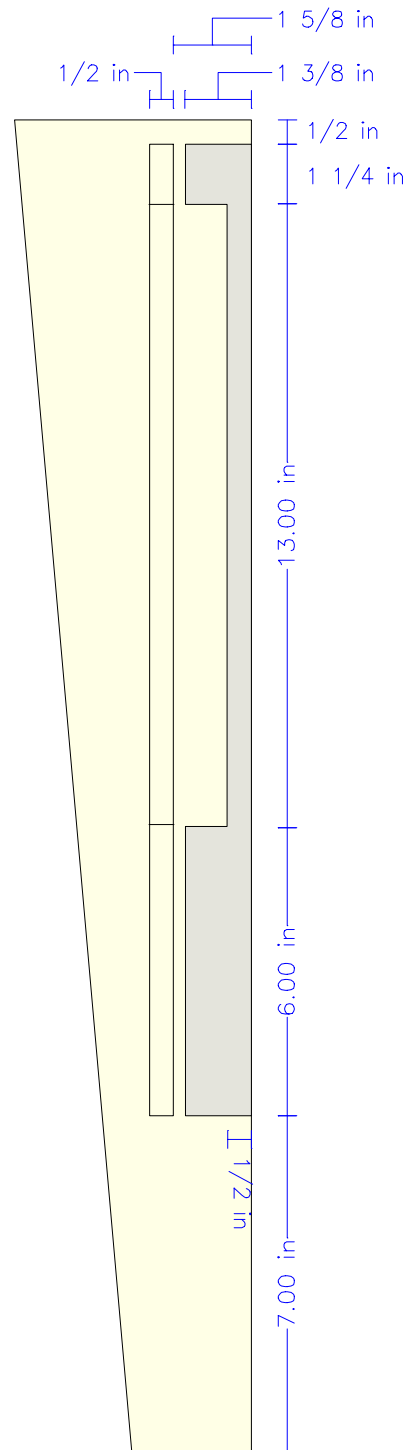


End View

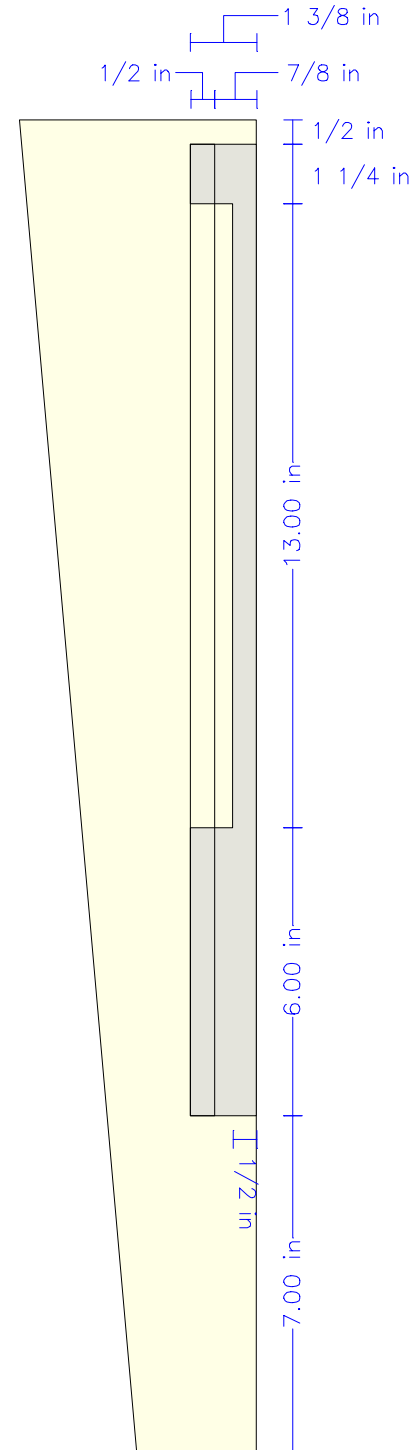


Mortises for Assembled Rear Legs

Side View



Front View

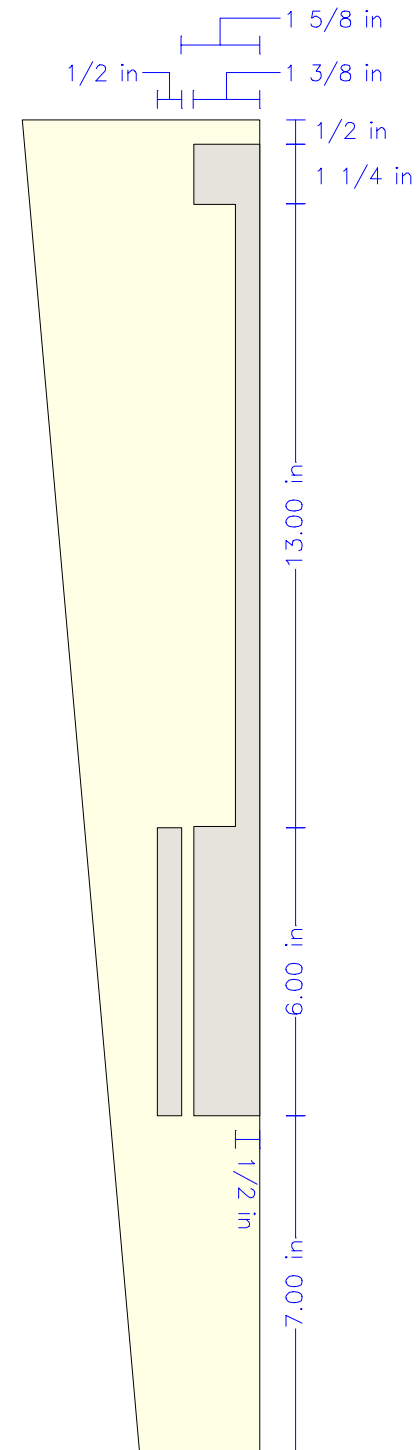


Note: As the diagram illustrates, the mortises for the rear panels start 1-5/8 inches from the edge of the leg, while the mortises for the side panels start 7/8 inches from the edge of the leg.

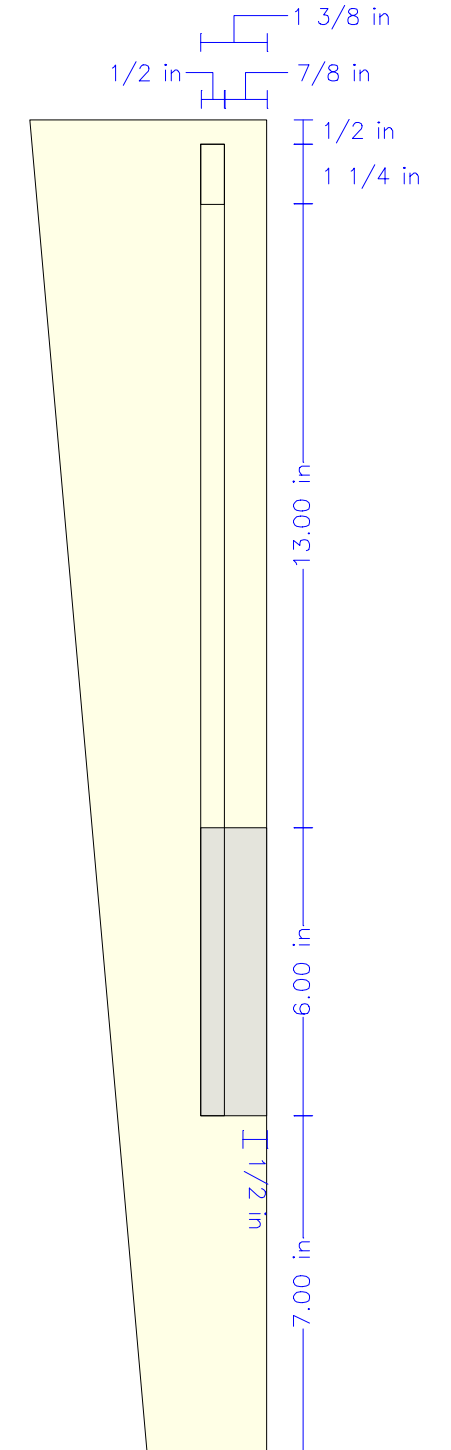
When preparing to make these cuts, remember that mortises are ONLY cut in the sides that are perpendicular to the floor.

Mortises for Assembled Front Legs

Side View



Front View



Note: As the diagram illustrates, the mortise for the front stretcher starts 1-5/8 inches from the edge of the leg, while the mortises for the side panels start 7/8 inches from the edge of the leg.