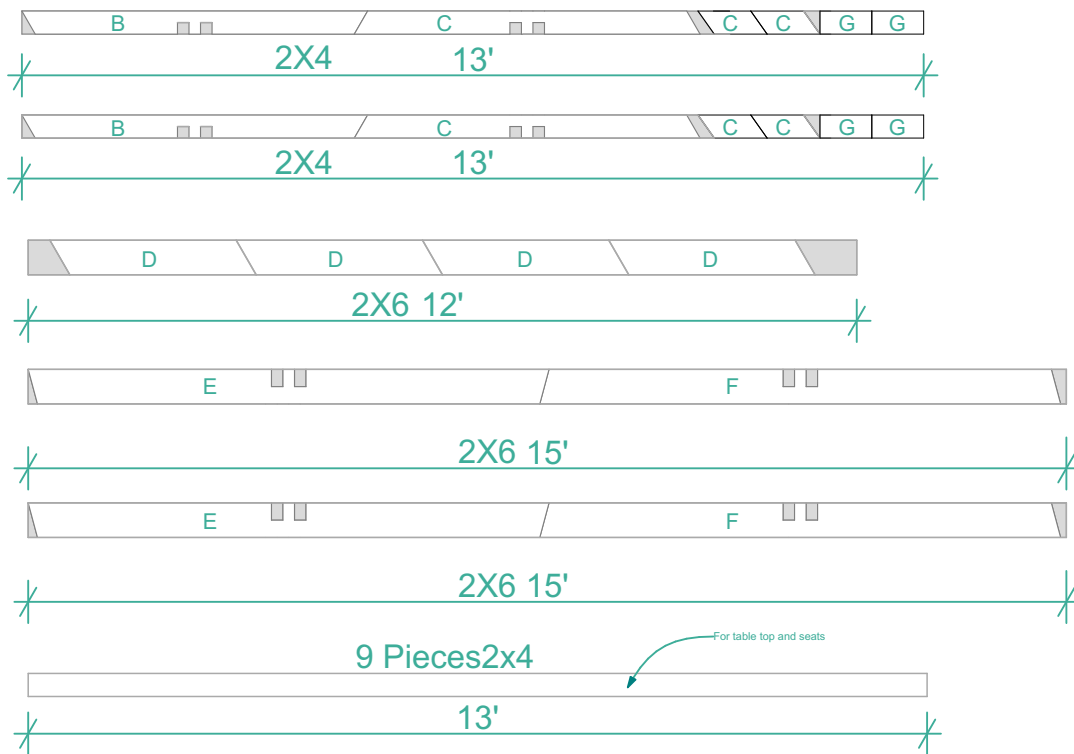


Round Picnic Table Plans



Shopping List

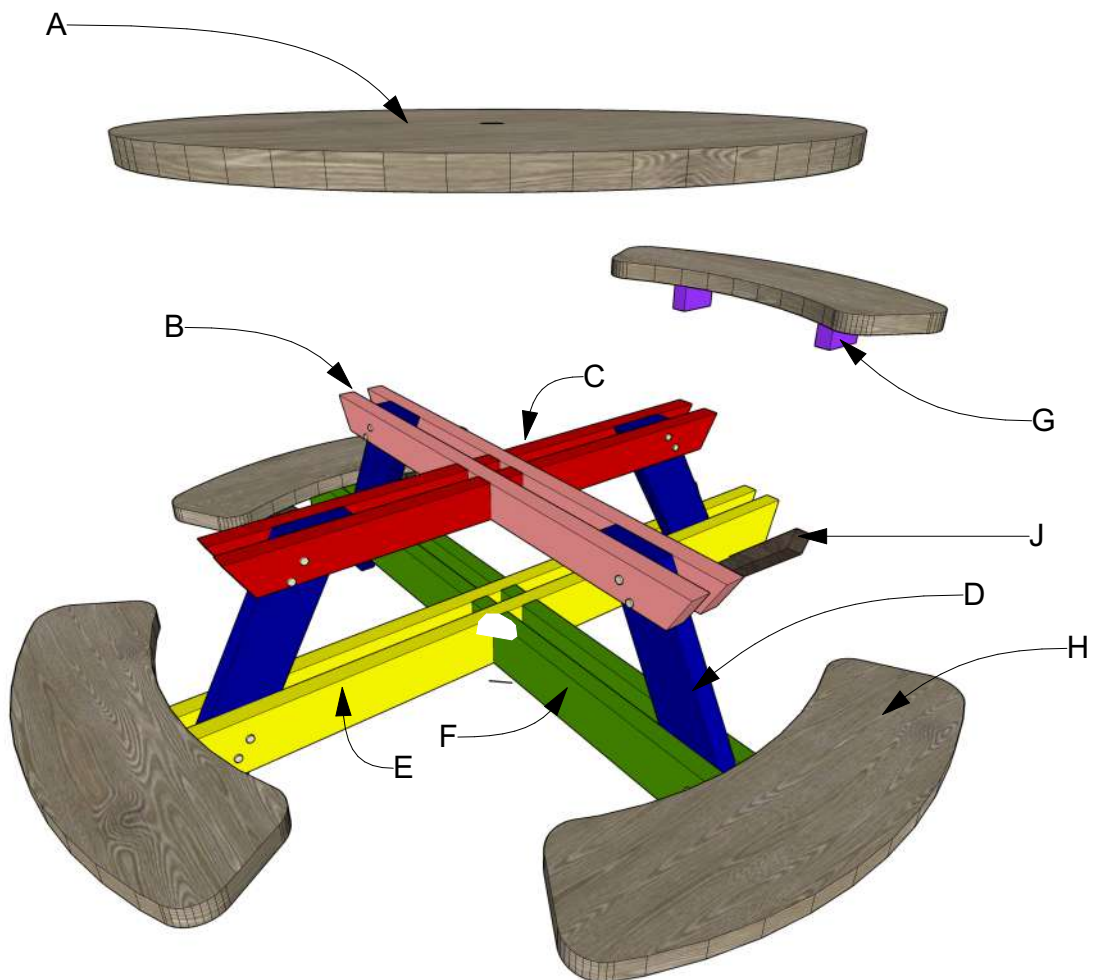
- 11 – 2x4 – 13'
- 2 – 2x6 – 15'
- 1 – 2x6 – 12'
- 2 1/2" pocket hole screws
- 2 1/2" deck screws
- 3" deck screws
- 16 – 6 1/2" carriage bolts, washers, nuts
- exterior wood glue



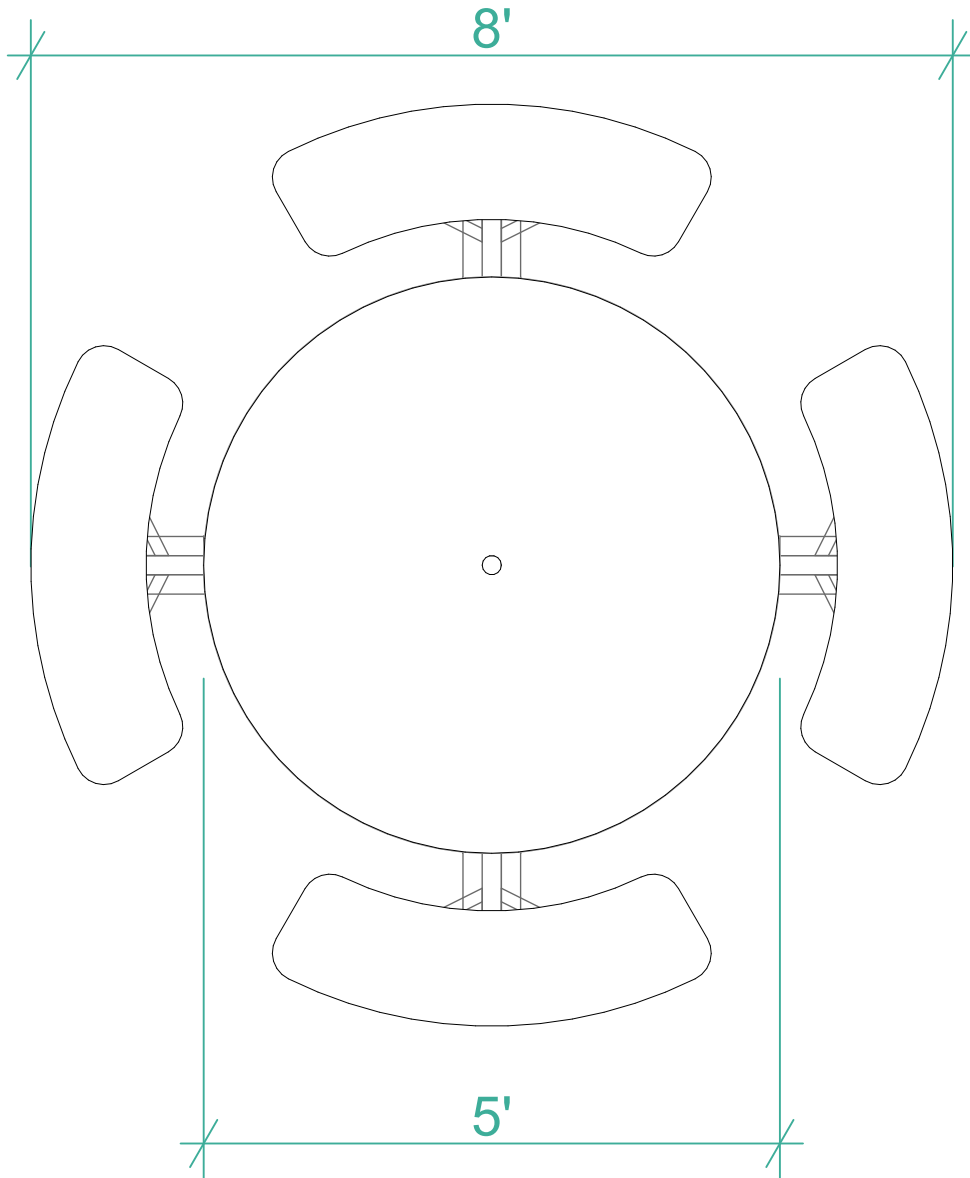
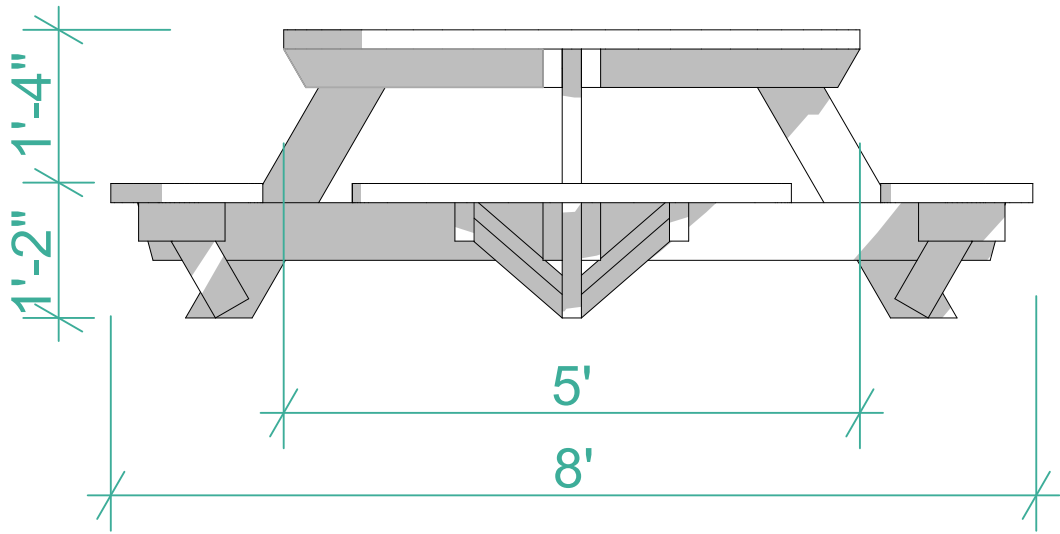
Cutting List

Cutting List

- (A) table top boards – 15 – 2x4 – 5' (cut 5' radius circle)
- (B) Batten 1 -2 - 2x4 - 5' (30-degree angle cut on both ends in opposite directions)
- (C) Batten 2 - 2 - 2x4 - 5' (30-degree angle cut on both ends in opposite directions)
- (D) Legs -4 - 2x6 - 2' 8" (30-degree angle cut on both same directions)
- (E) Seat Holder battens 1 -2 - 2x6 - 7 8" (15-degree angle cut on both ends in opposite directions)
- (F) Seat Holder battens 2 -2 - 2x6 - 7 8" (15-degree angle cut on both ends in opposite directions)
- (G) Seat Holder -4 - 2x4 - 5" – 2 – 2x4 – 11 1/4" (22.5-degree bevel cut on both ends in opposite directions)
- (J) Brace -4 - 2x4 - 11" (35-degree angle cut on both ends in similar directions)



Overview



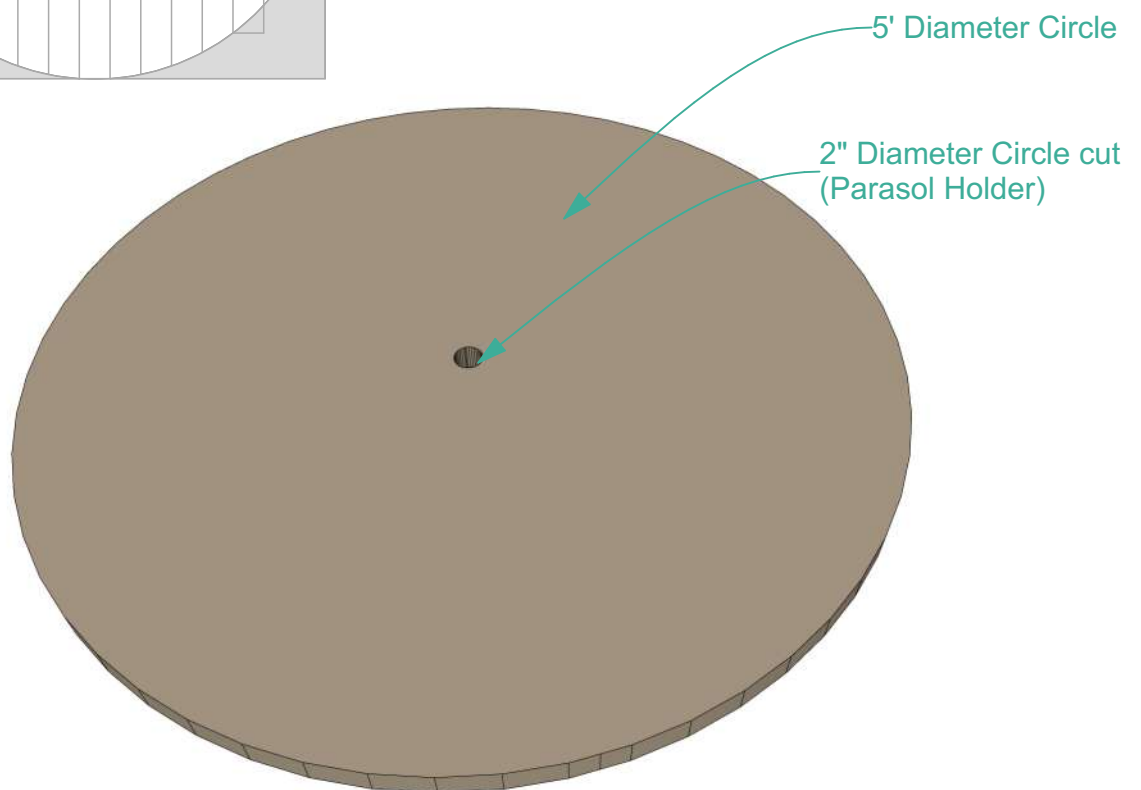
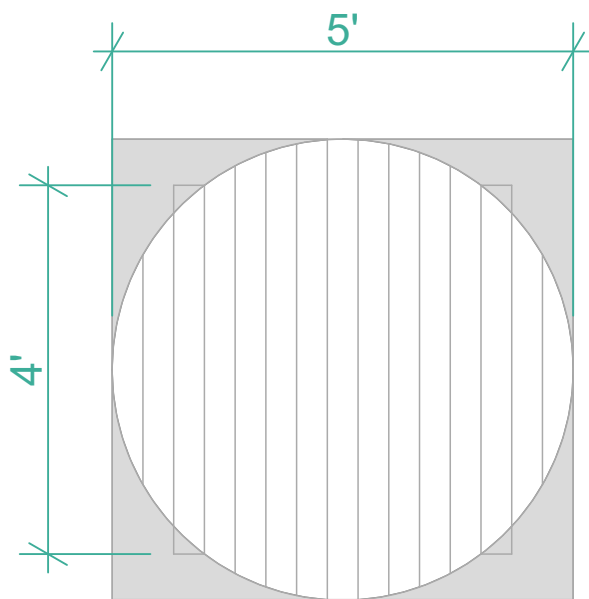
Step 1

Build Table Top

1.1 Build a table top by using 2x4 pressure treated lumbars. you will need 15 pieces of 5' long boards, glue them together to get a square and clamp before it dries. then cut 5' diameter circle from it.

1.1 you can also use prebuilt table top.

1.2. cut 2" diameter in the middle



Step 2

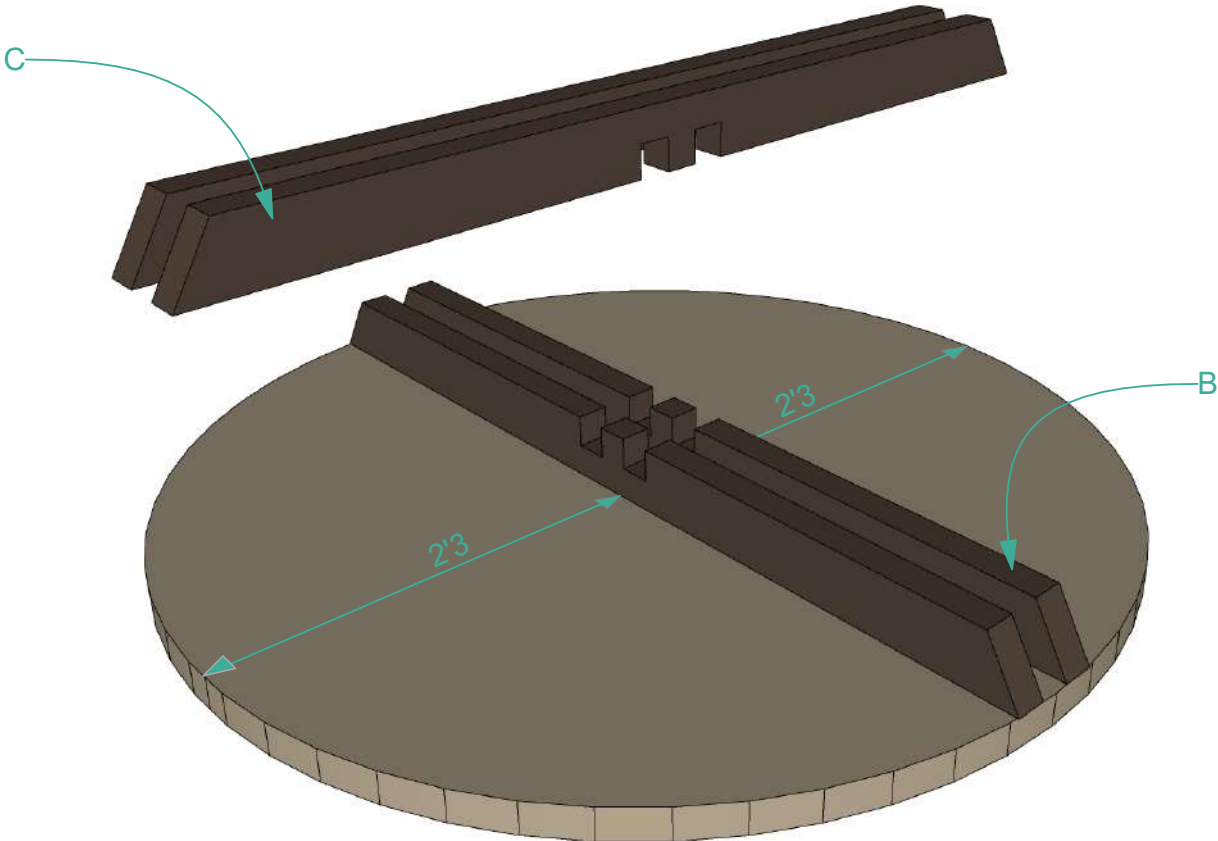
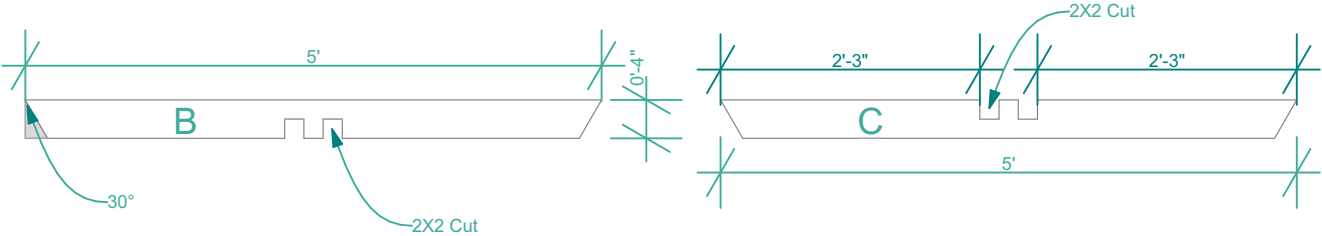
Build Table Top

2.1 B (Batten 1) - 2 – 2x4 – 5' (30-degree angle cut on both ends in opposite directions)

Cut the battens (B) as shown on drawing below. Drill pocket holes to the batten (B) to screw into the table top boards (A).

2.2. C (Batten 2) – 2 - 2x4 - 5' (30-degree angle cut on both ends in opposite directions)

assemble battens as shown below. Drill pocket holes to the batten (B) and screw into the table boards (A).

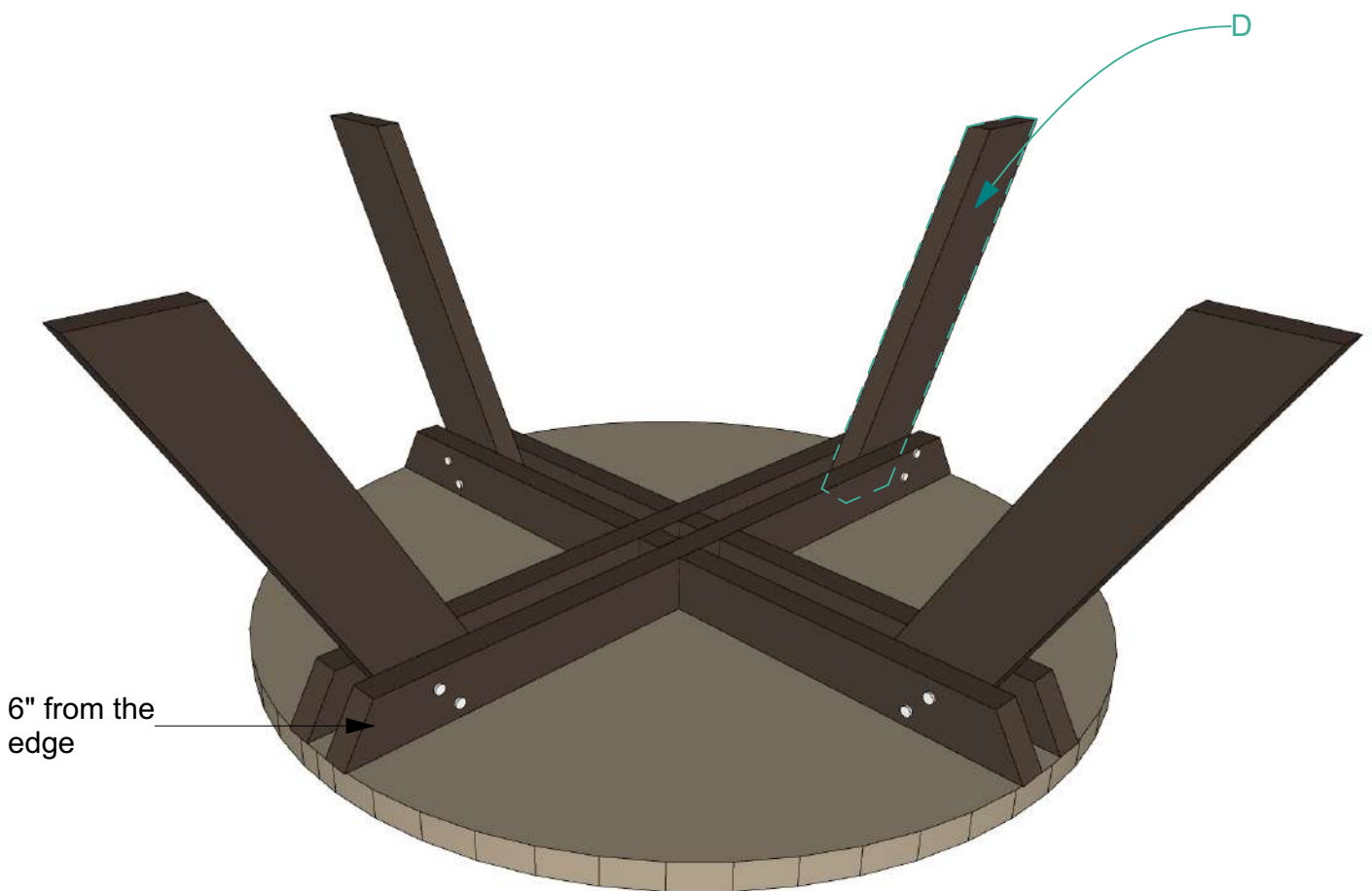
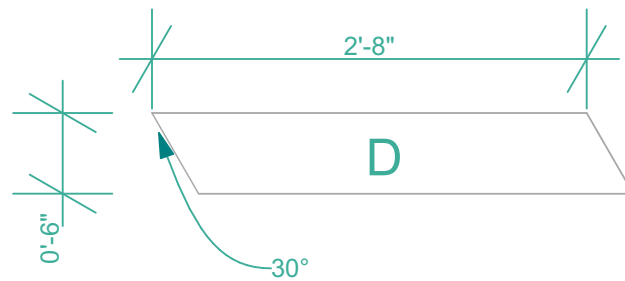


Step 3

Build Table Legs

3.1 D (Legs) -4 – 2x6 – 2' 8" (30-degree angle cut on both same directions)

Cut the Legs (D) as shown on drawing below. Move legs from edge to 6".
3.2. Drill pocket holes to the legs (D) and battens (B)(C) and use carriage bolts to connect them.



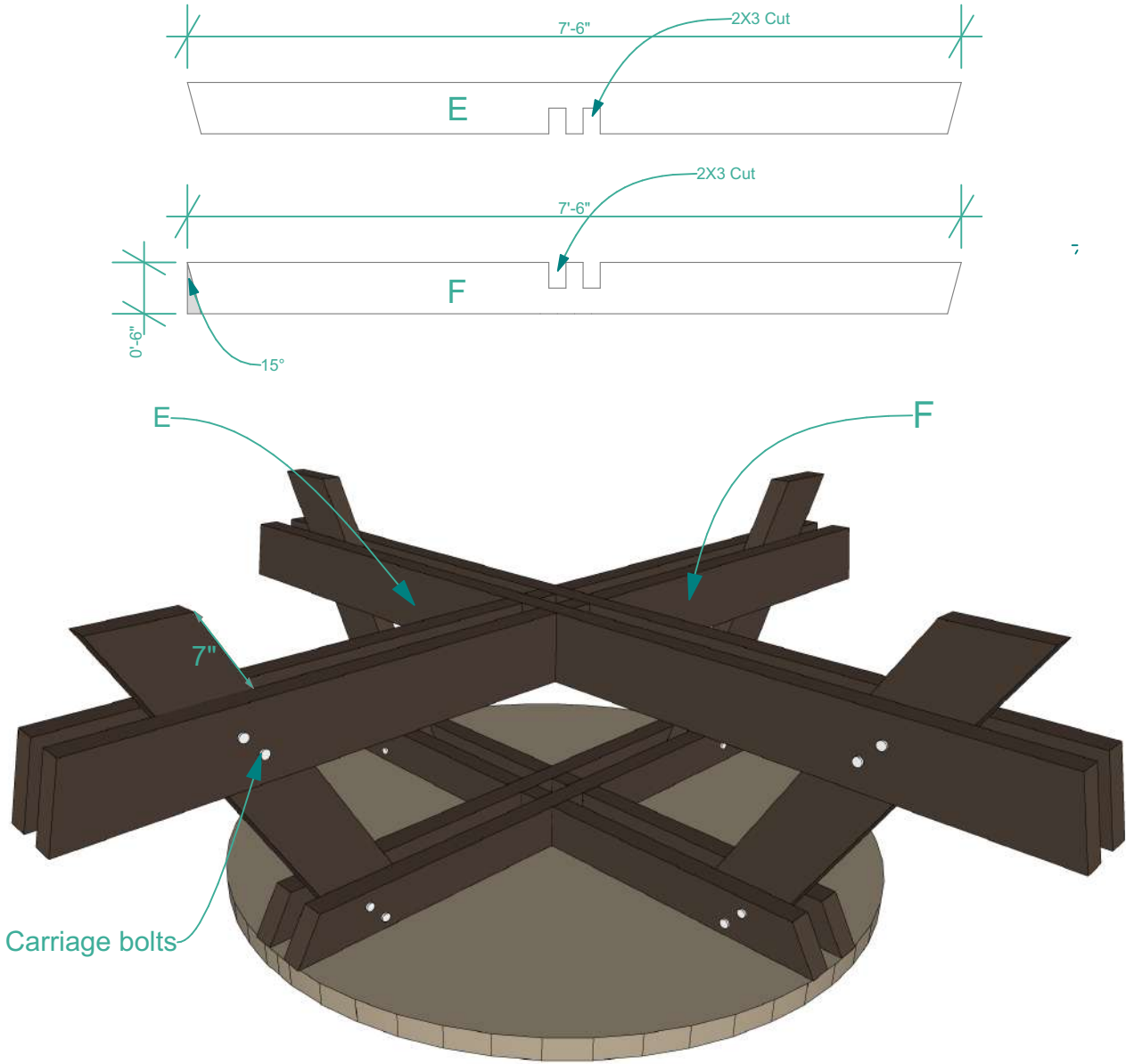
Step 4

Build Seat Holder Battens

4.1 E (Seat Holder battens) -2 – 2x6 – 7 8" (15-degree angle cut on both ends in opposite directions)

Cut the Seat holders (E) as shown on drawing below. Drill pocket holes to the legs (D) and seat holder (E) and screw boards with carriage bolts.

4.2. F (Seat Holder battens) -2 - 2x6 - 7 8" (15-degree angle cut on both ends in opposite directions) Cut the Seat holders (F) as shown on drawing below. Put boards into each other. Drill pocket holes to the legs (D) and seat holder (F) and screw boards with carriage bolts.

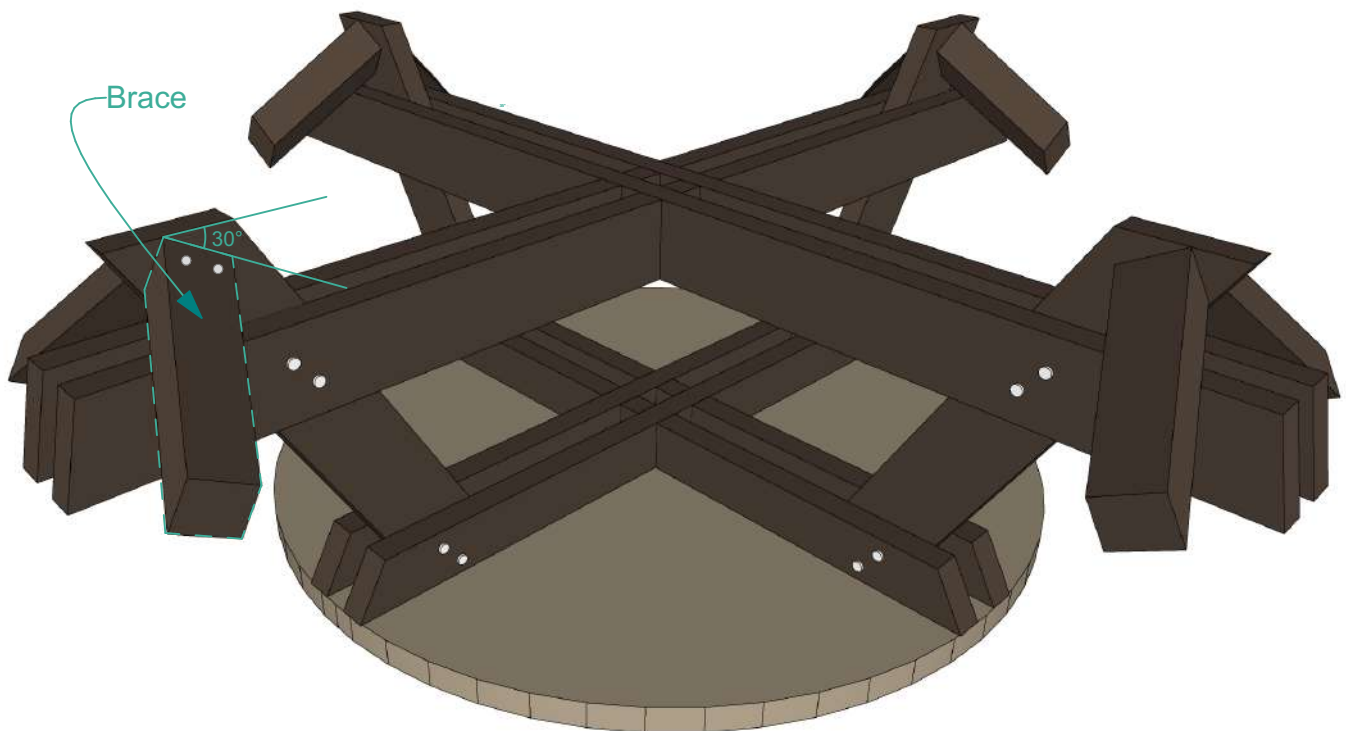
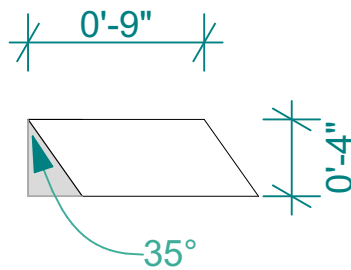


Step 5

Build Seat Brace

5.1 J (Brace) -4 – 2x4 – 11" (35-degree angle cut on both ends in similar directions)

Cut the battens (J) as shown on drawing below. Rotate it 30 degree and align it on the legs like shown bellow. Drill pocket holes to the brace (J) to screw into the Legs (D).

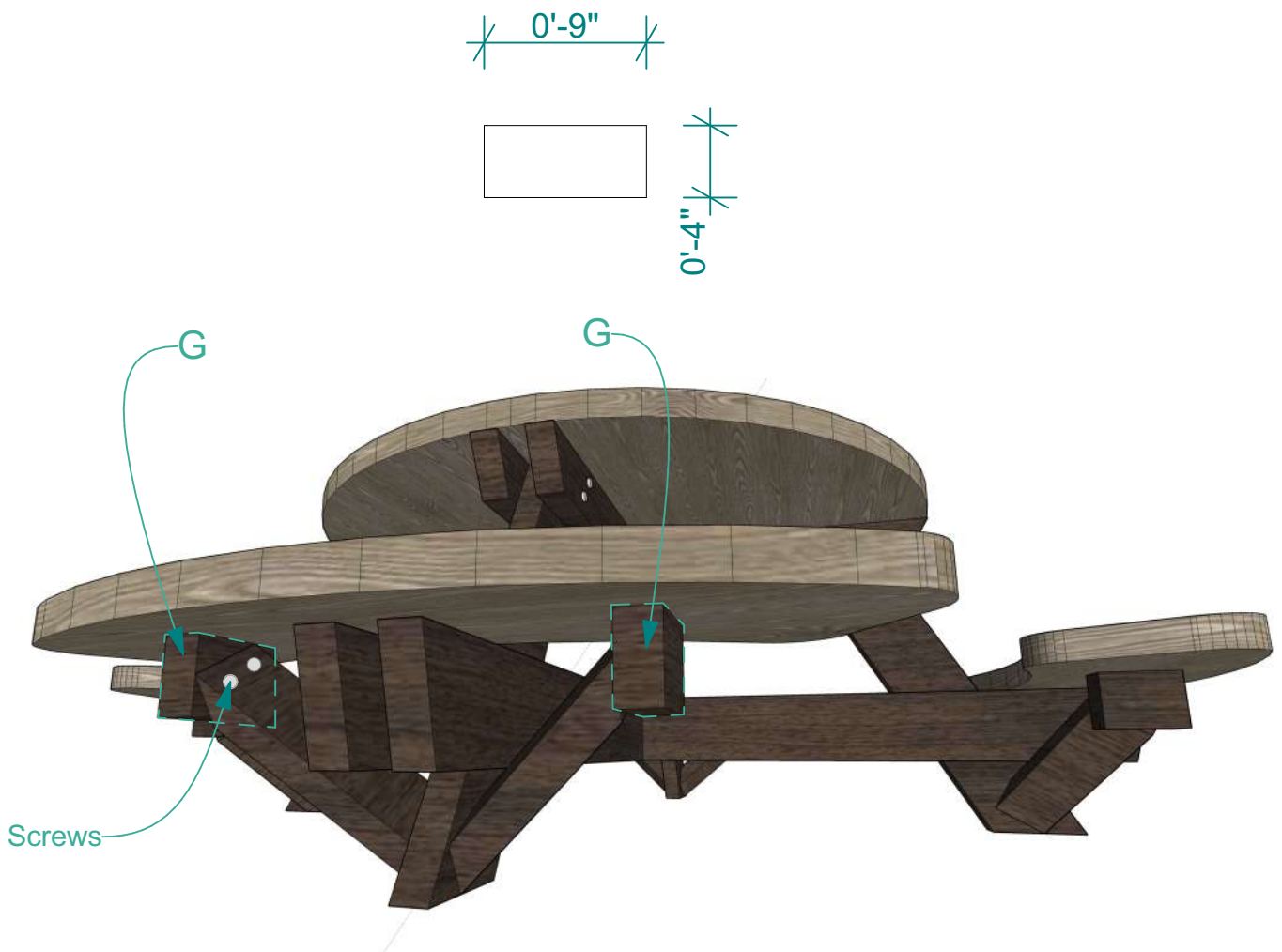


Step 6

Install seat holder

6.1 G -4 – 2x4 – 5"

Wooden Board (G) as shown on drawing below. Drill pocket holes in the middle of the the Piece (G) to screw into the Brace (J).



Step 7

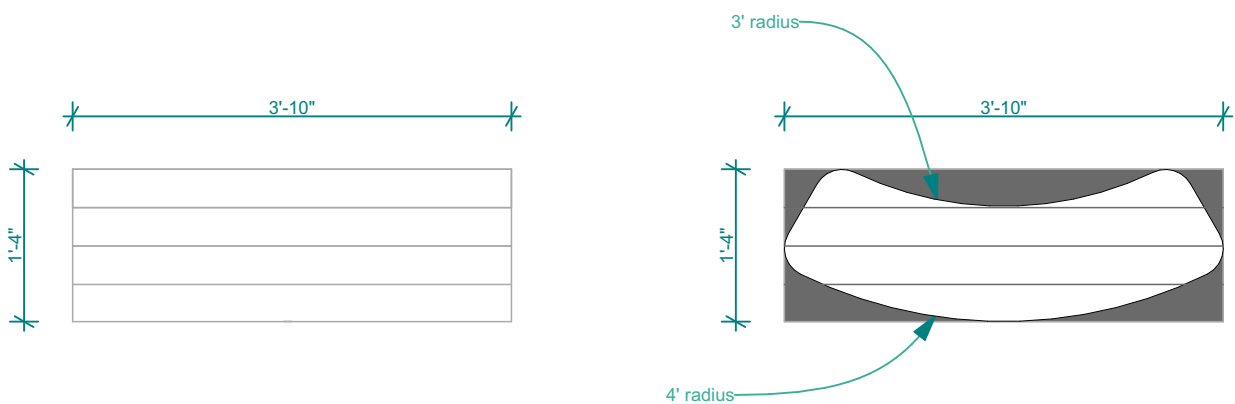
Build and Install seats

7.1 H (Seat) -4 – 2x4 – 3'10"

Cut 2x4 wooden boards to 3'10" length. Glue them together and clamp them until glue dries.

7.2 Cut seat like shown below. and round the corners by sander

7.3 screw seats to the seat holders (G)



Step 8

Add finish

8.1 Use sandpaper to smooth out sharp edges. Stain or paint to protect wood.

