

BIKE FIX

Use: Architecture Folly

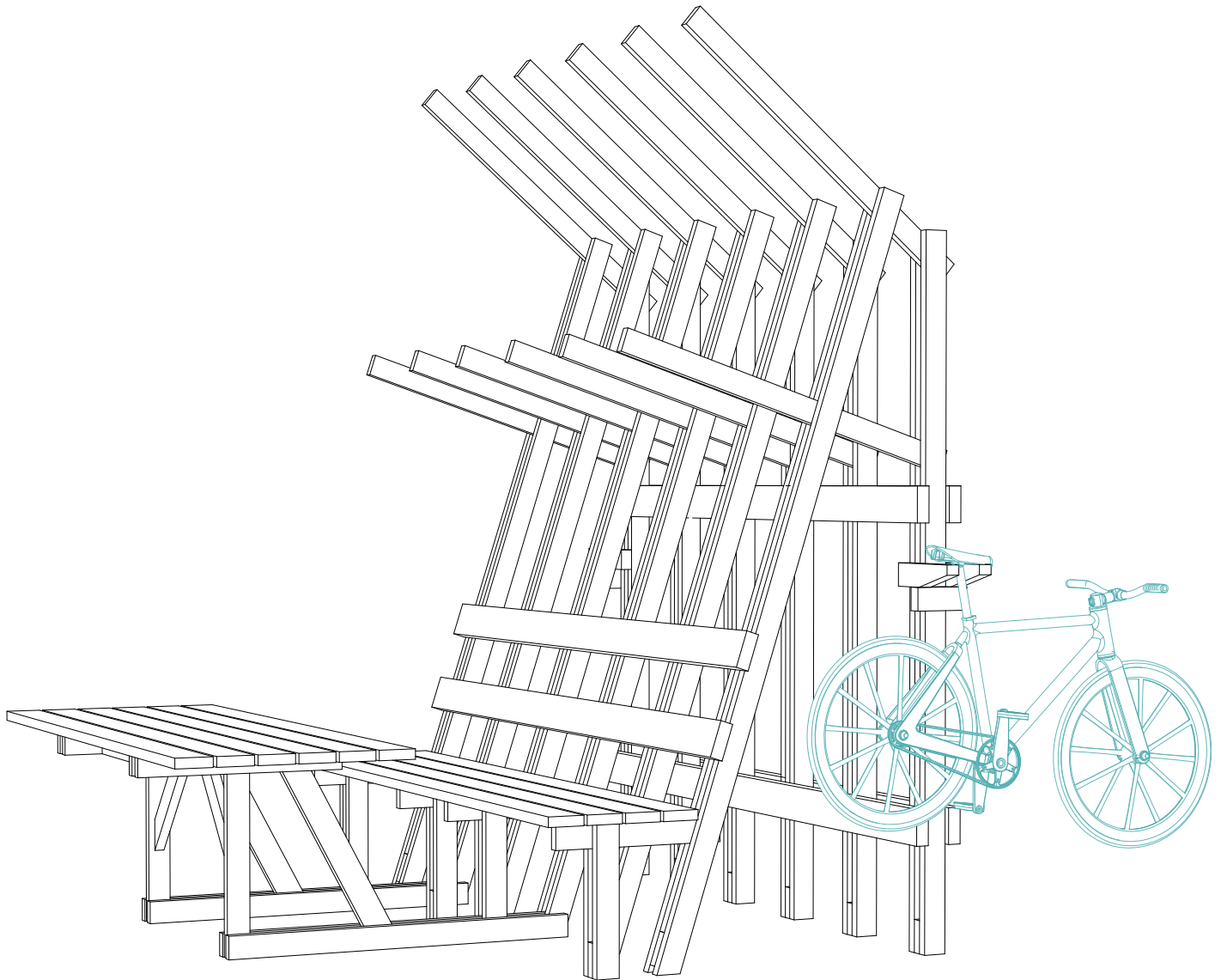
Count: 1

Materials + Directions:

2x4 pressure treated lumber

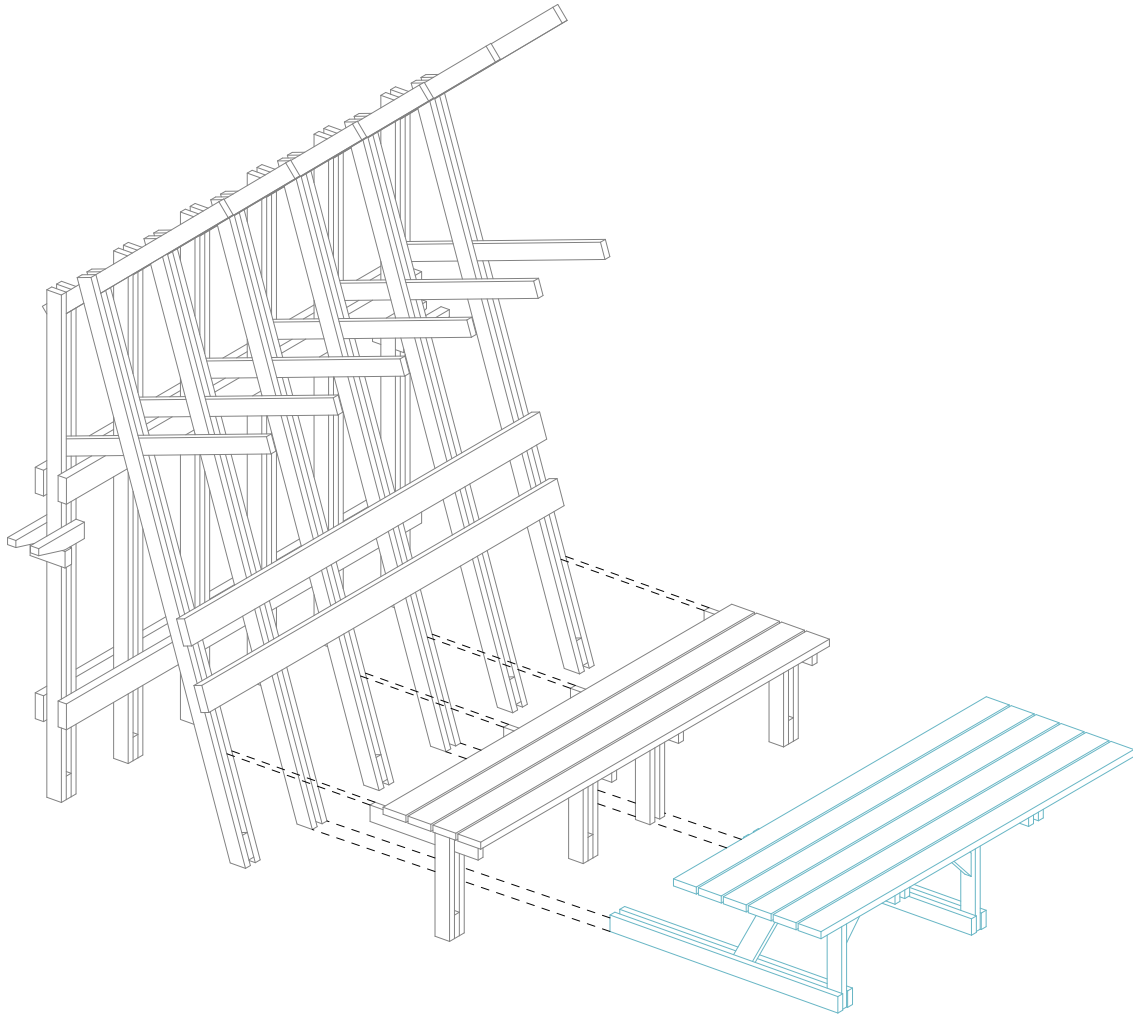
2x6 pressure treated lumber

3 paint color (blue red green)



ASSEMBLY

Table



ASSEMBLY

Table

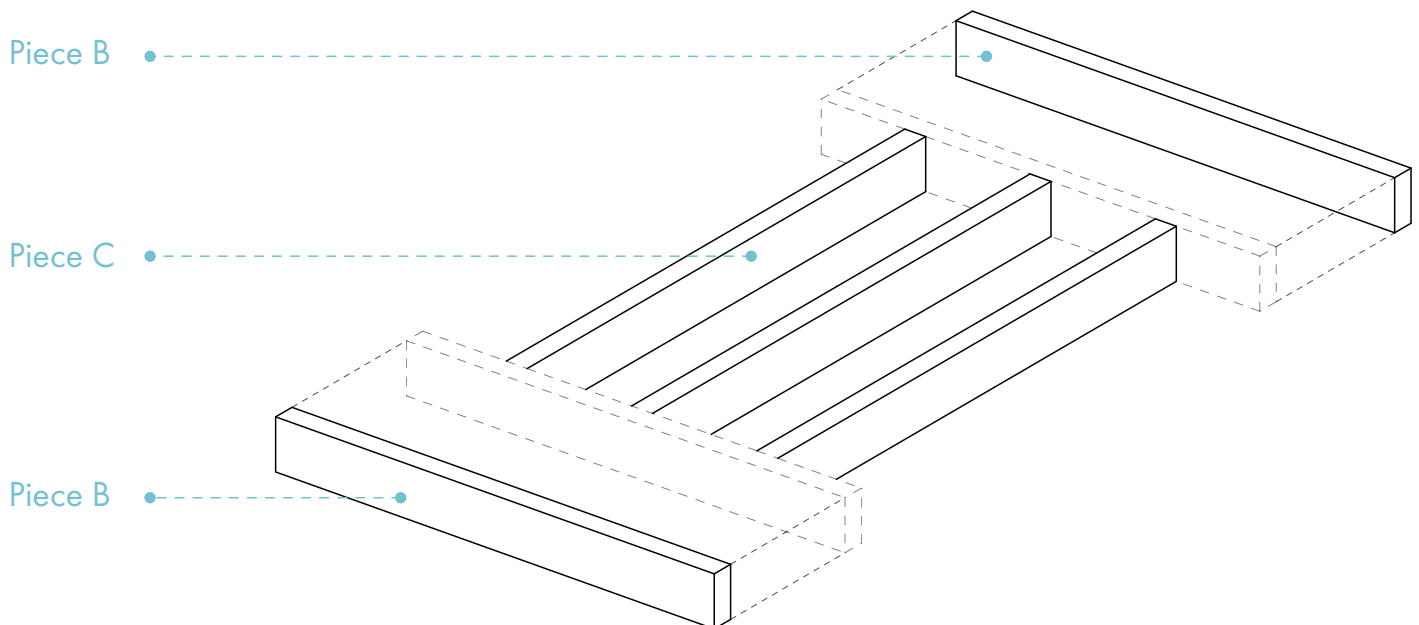
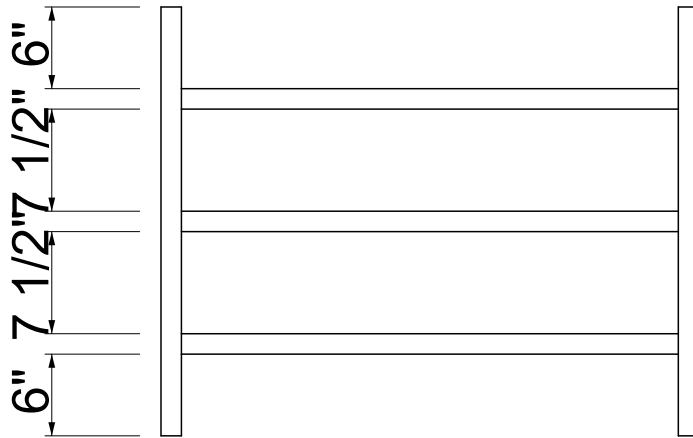
Group 1 B+C+B

Use: Table

Piece need: B,C

Note:

Finsh Group 1 is improtant to the table. Because the piece C is more stable when screw from piece B side than shoot by angle.



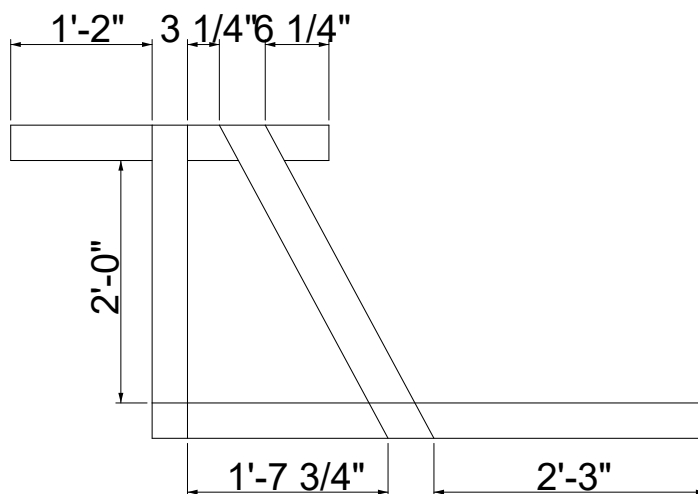
ASSEMBLY

Table

Group 2 B+E+F+G

Use: Table

Piece need: B,E,F,G

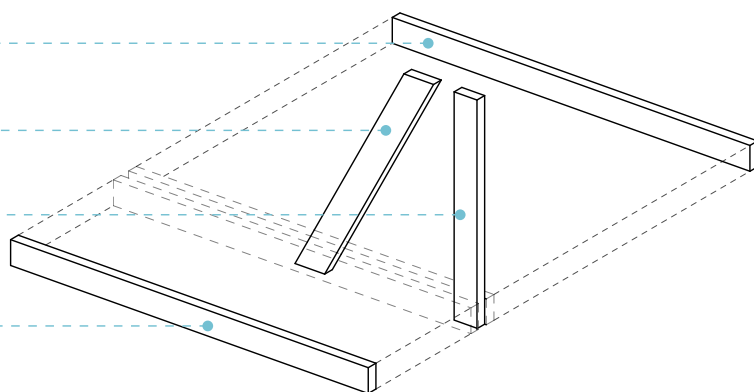


Piece G

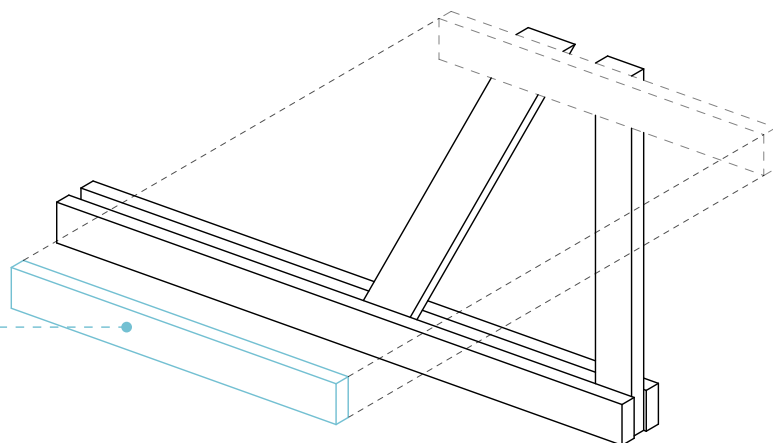
Piece F

Piece E

Piece G



Piece B



ASSEMBLY

Table

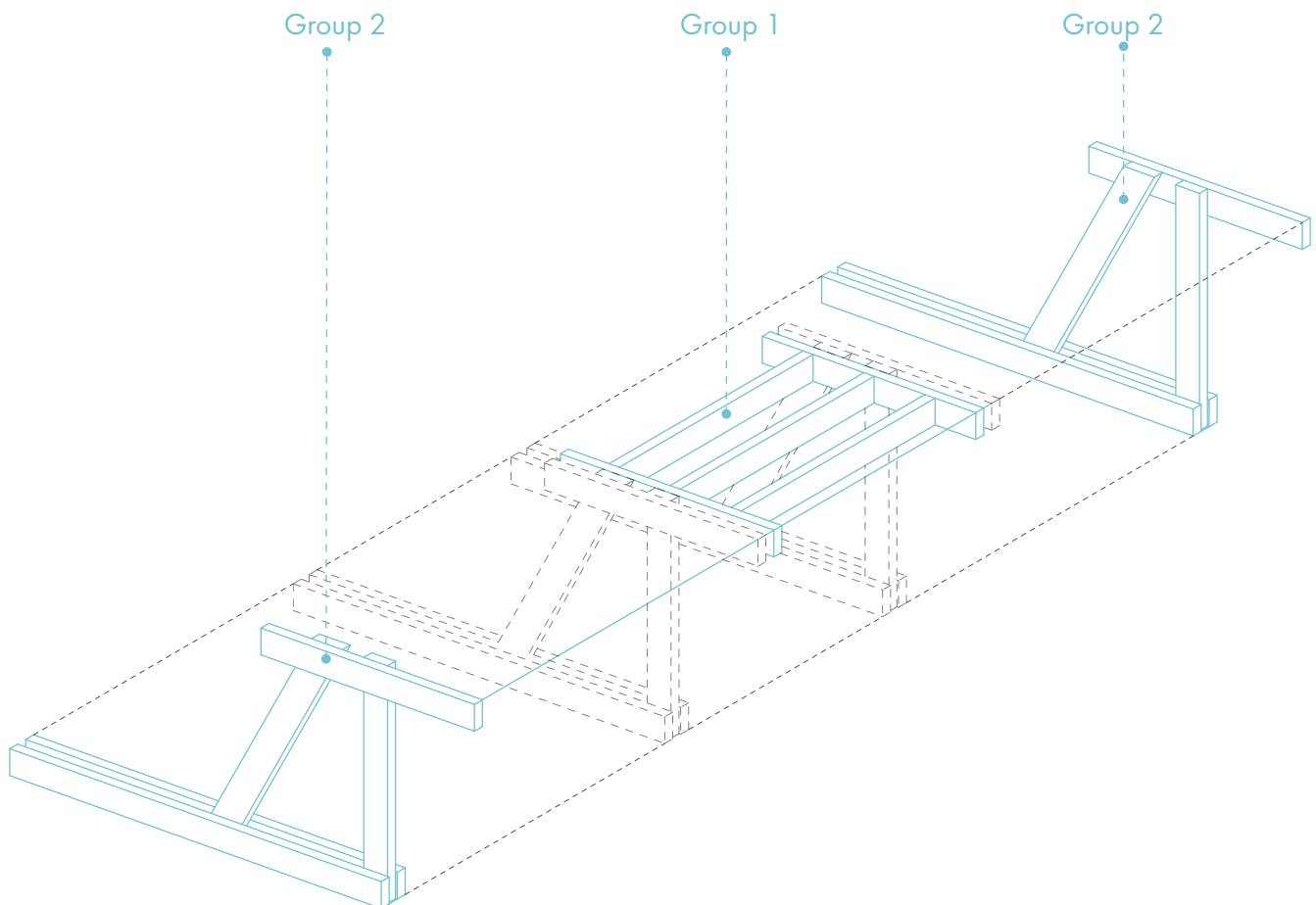
Group 1+Group 2+Group 2

Use: Table

Piece need: Group 1, Group 2

Note:

Use the 6" screws from the side of Group 2. Or screw from the end side of the Group 1



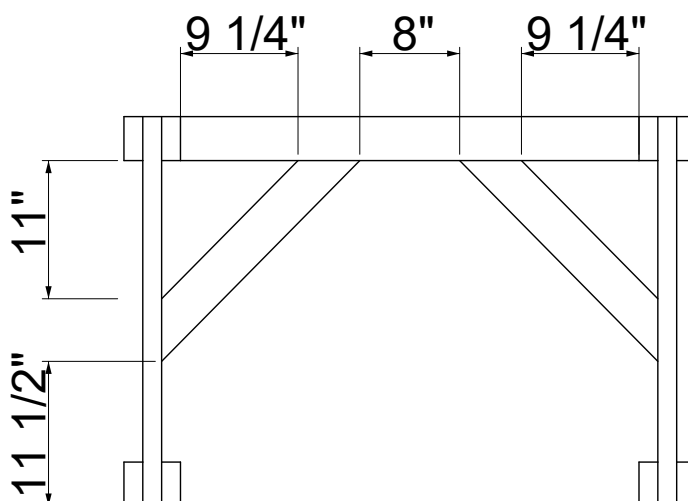
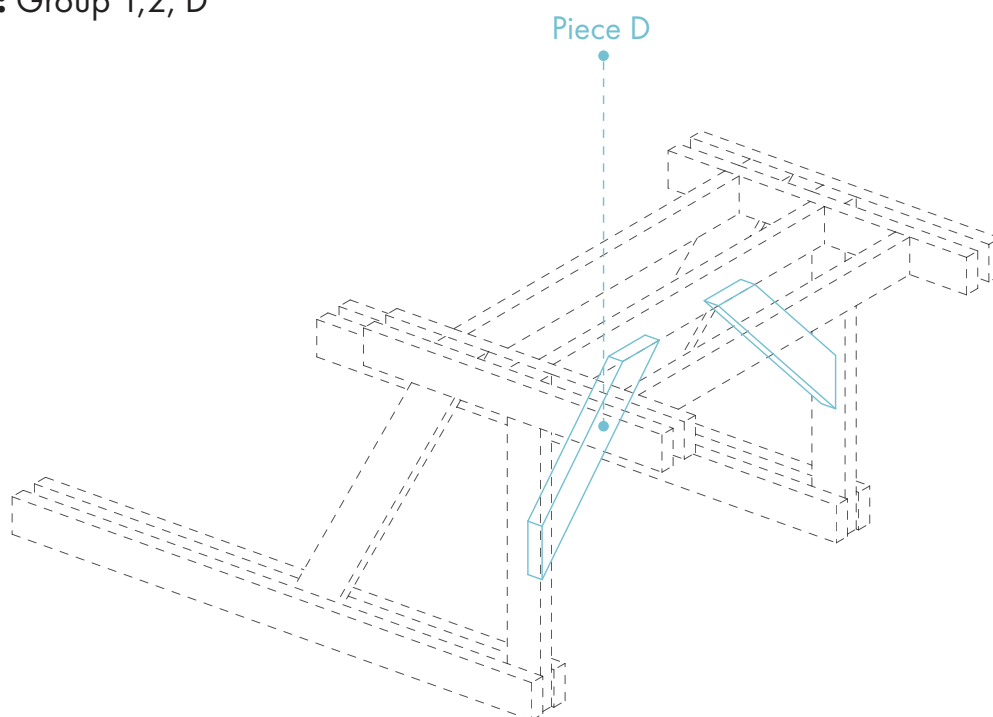
ASSEMBLY

Table

Group 3

Use: Table

Piece need: Group 1,2, D



ASSEMBLY

Table

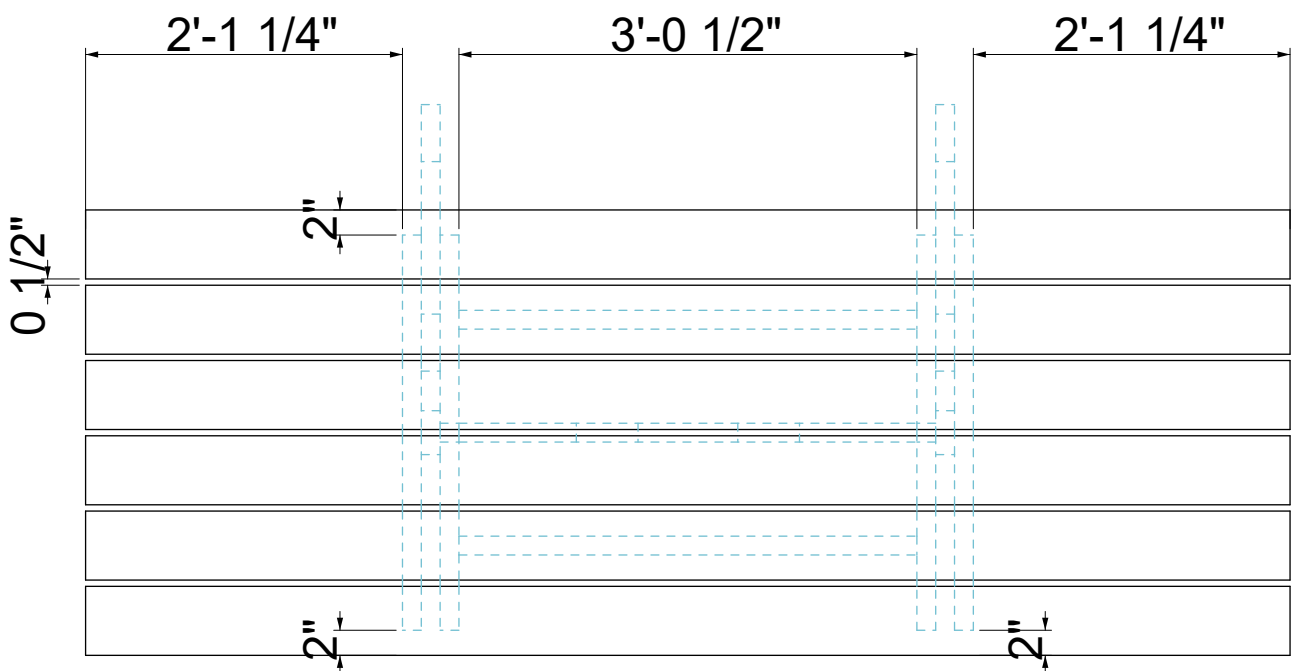
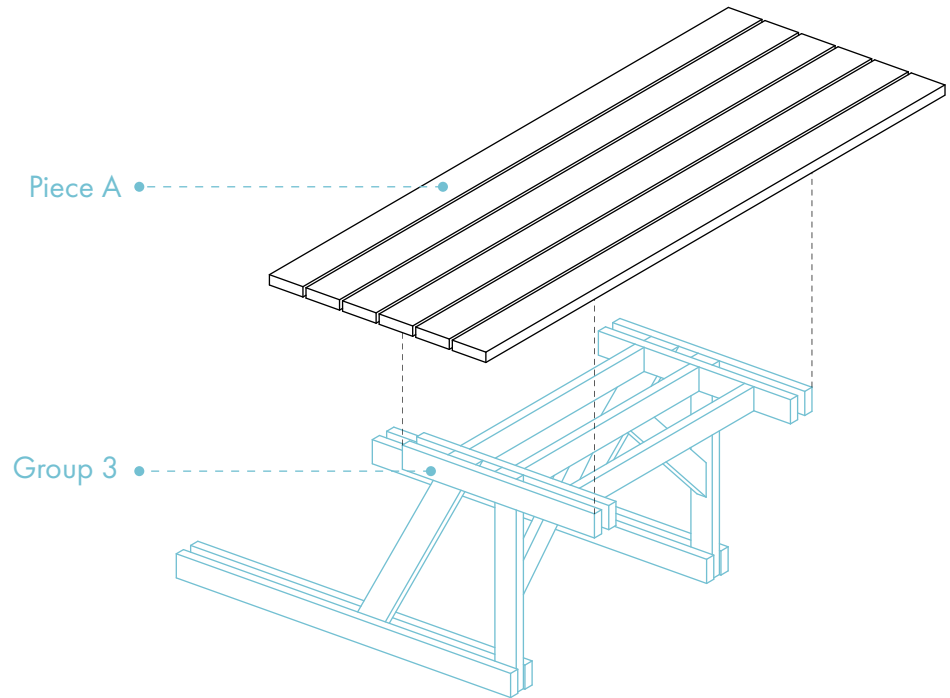
Group 3+A

Use: Table

Piece need: Group 1, A

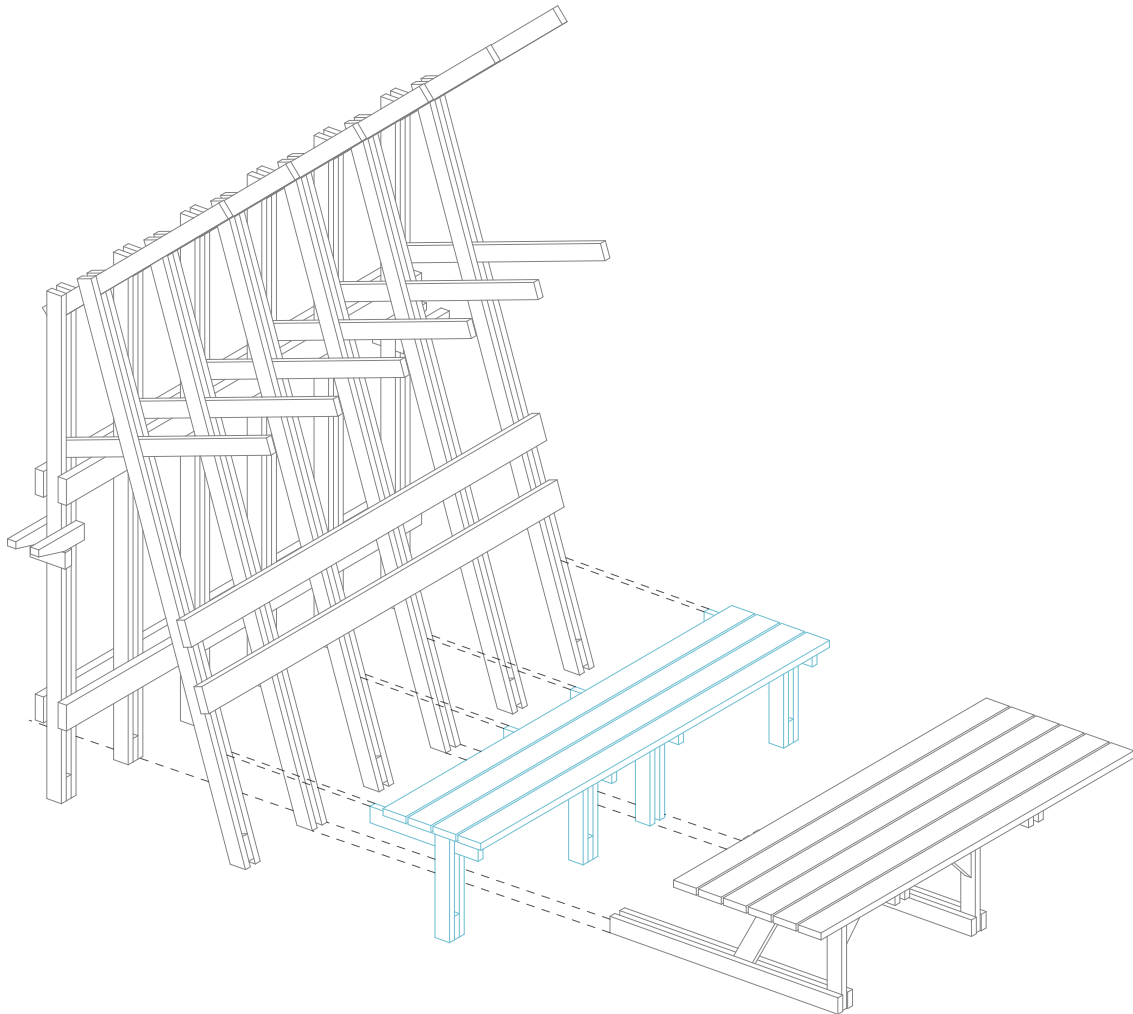
Note:

Before screw the piece A, it will better to layout all the table top on the top and adjust the space.



ASSEMBLY

Bench



ASSEMBLY

Bench

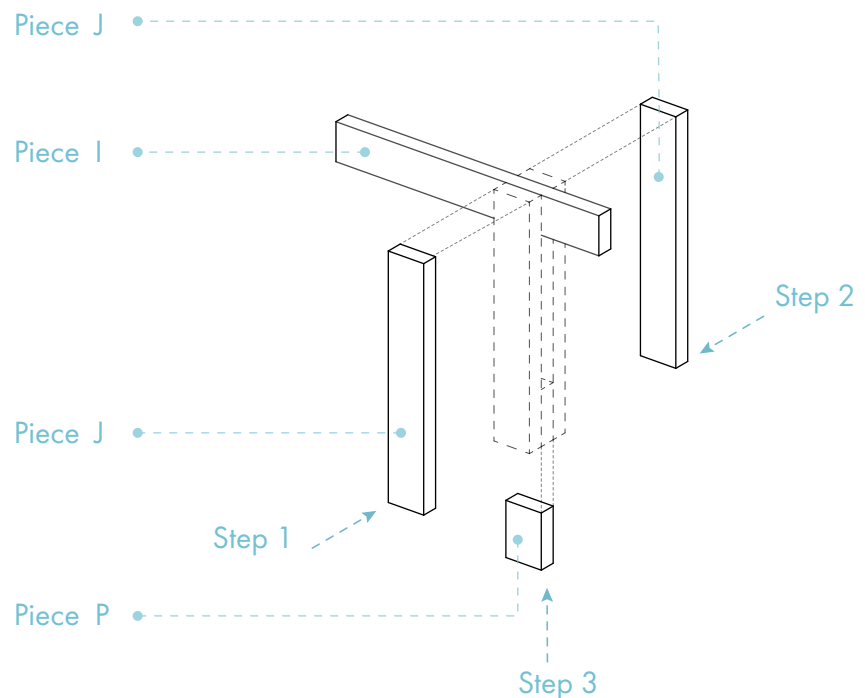
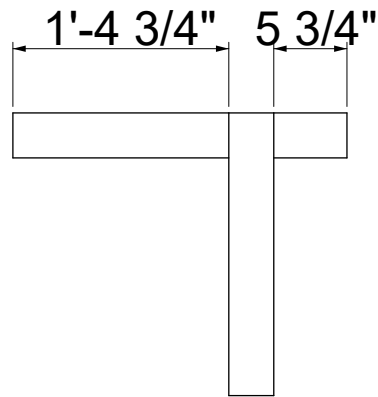
Group 4 J+I+J+P

Use: Bench

Piece need: J, I, P

Note:

If want to hide the screw, the step 1 can screw from the piece I side. Put 3 screws in the join as the triangle is more stable.



ASSEMBLY

Bench

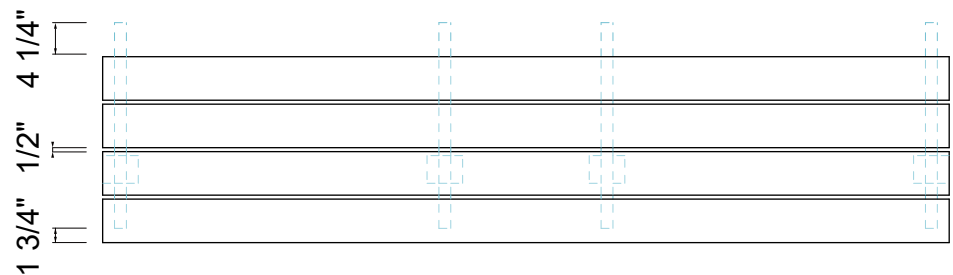
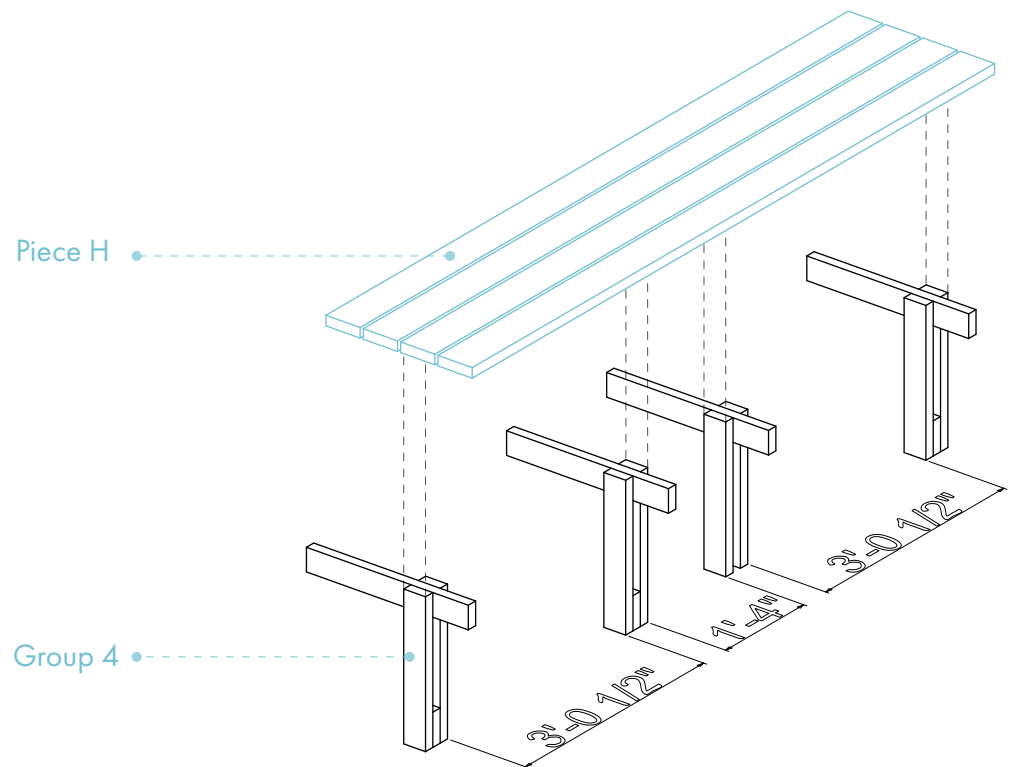
H+Group 4

Use: Bench

Piece need: H, Group4

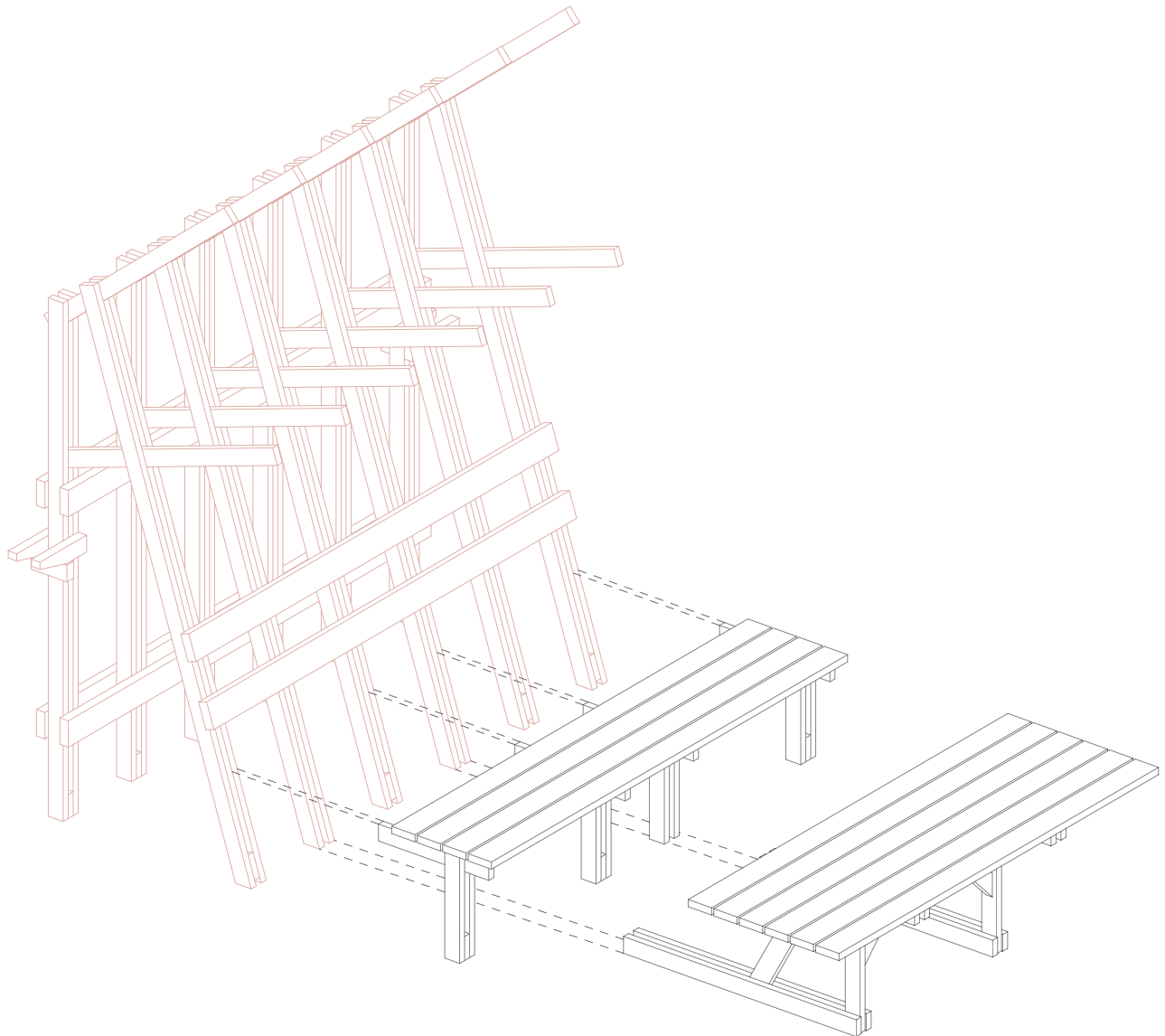
Note:

Give enough space on piece I. The end of the piece need plug in to the back frame.



ASSEMBLY

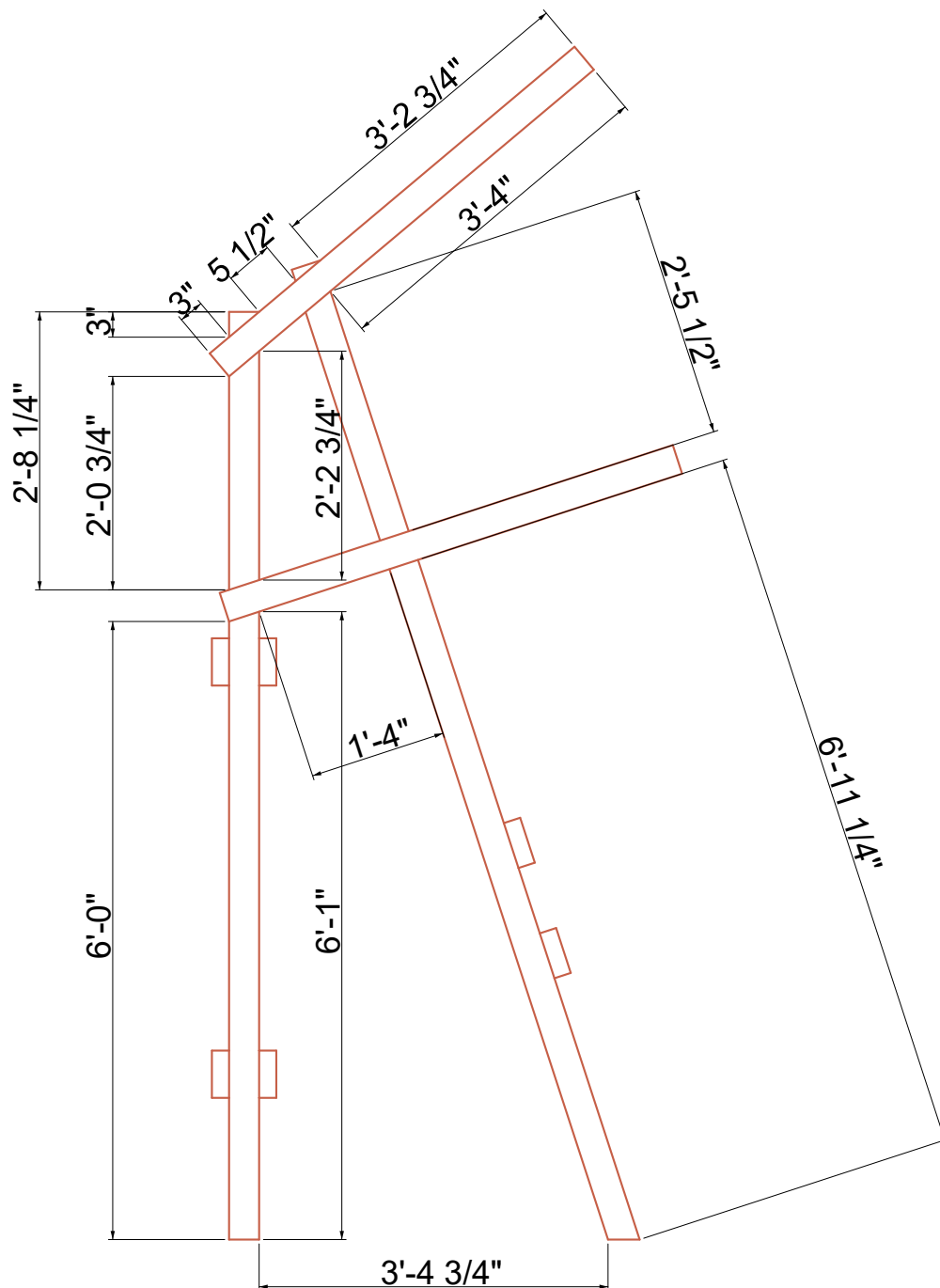
Back Frame



ASSEMBLY

Back Frame

Size information



ASSEMBLY

Back Frame

Group 5

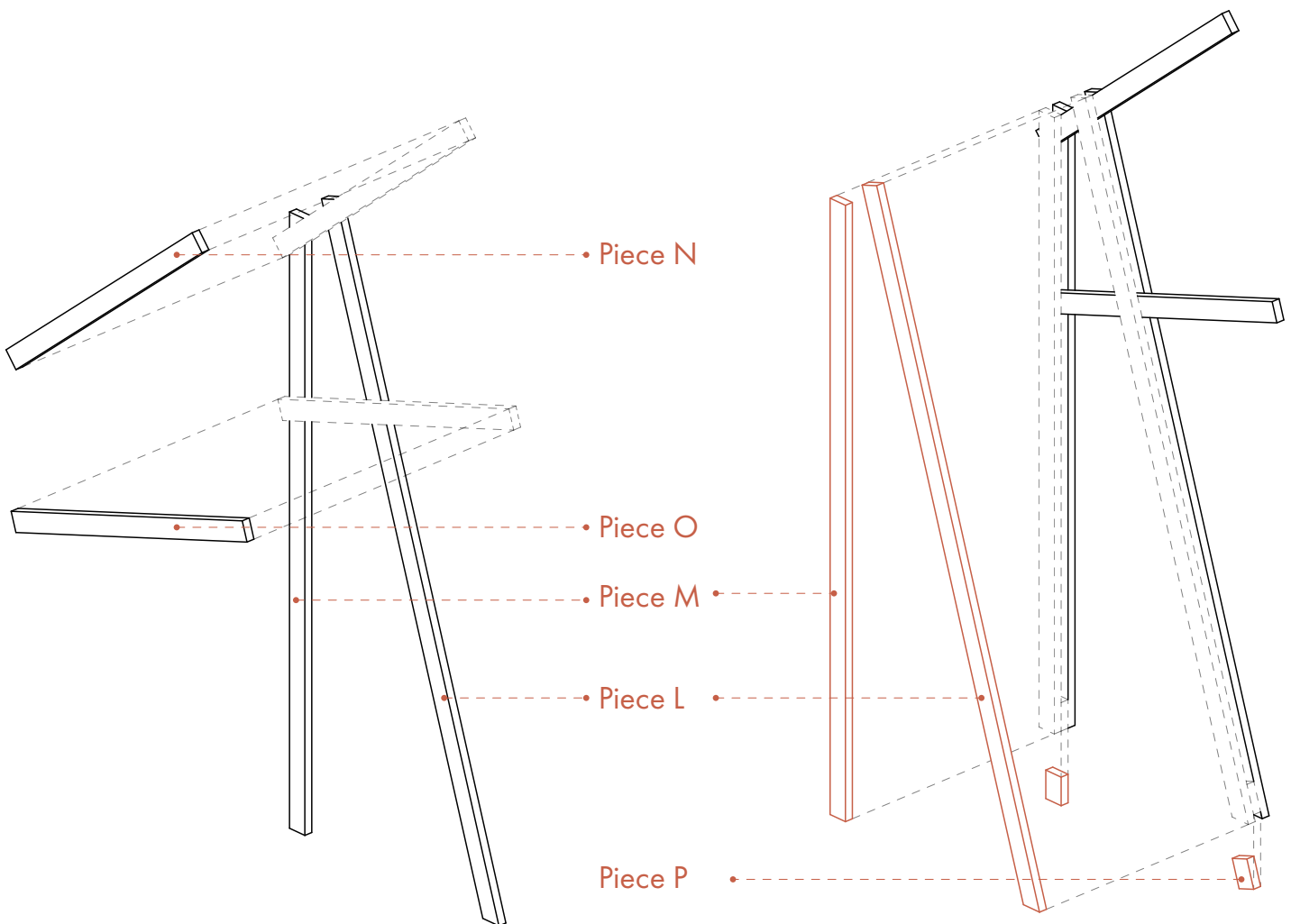
M+L+N+O+M+L+P

Use: Back Frame

Piece need: L,M,N,O,P

Note:

Use jag to put all the piece, it will make the distance accurate.



ASSEMBLY

Back Frame

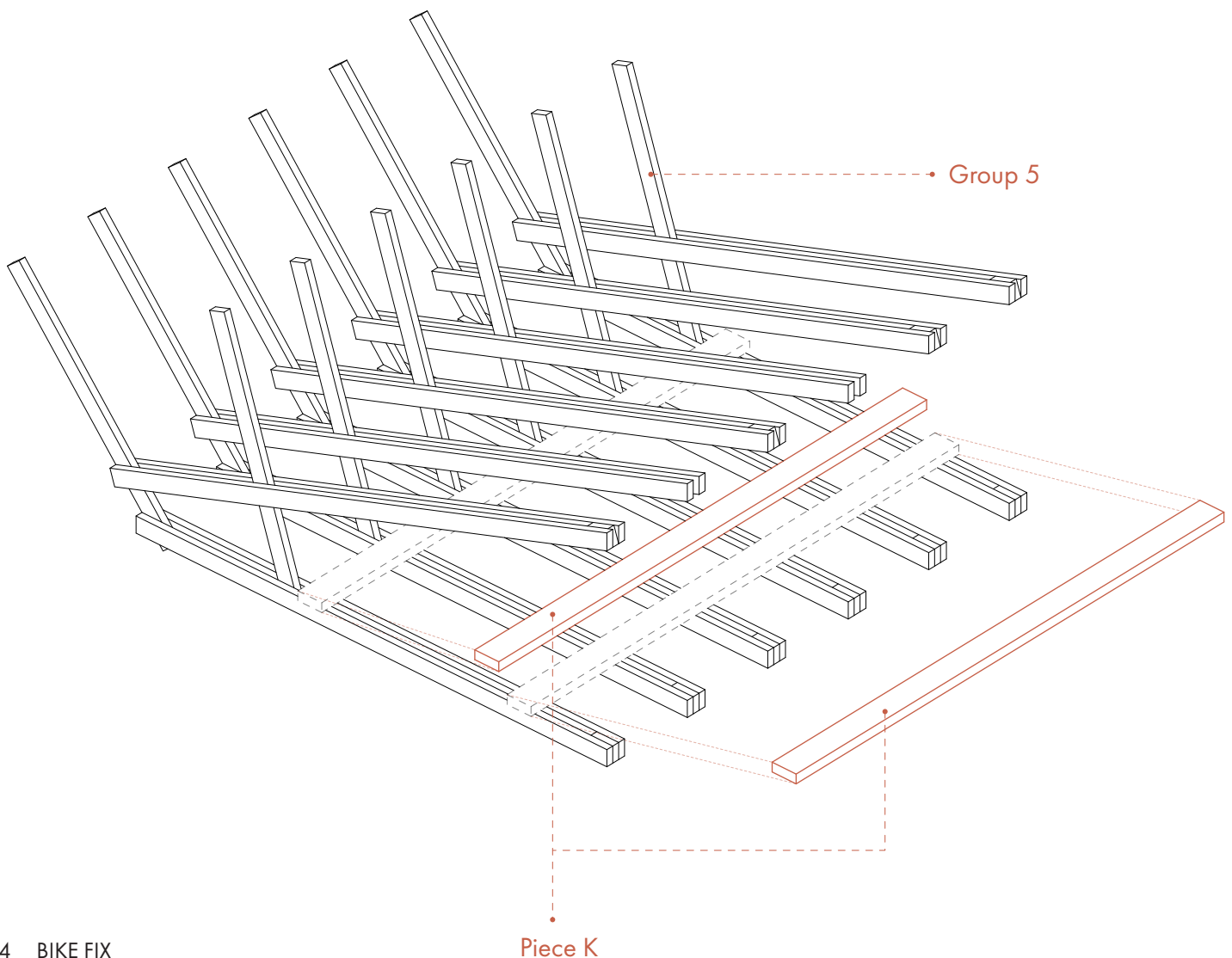
Group 5 + K

Use: Back Frame

Piece need: Group 5,K

Note:

Laydown the Group 5 and put the Piece K on that. Make the spacer to keep the Group 5 have the same gap.



ASSEMBLY

Back Frame

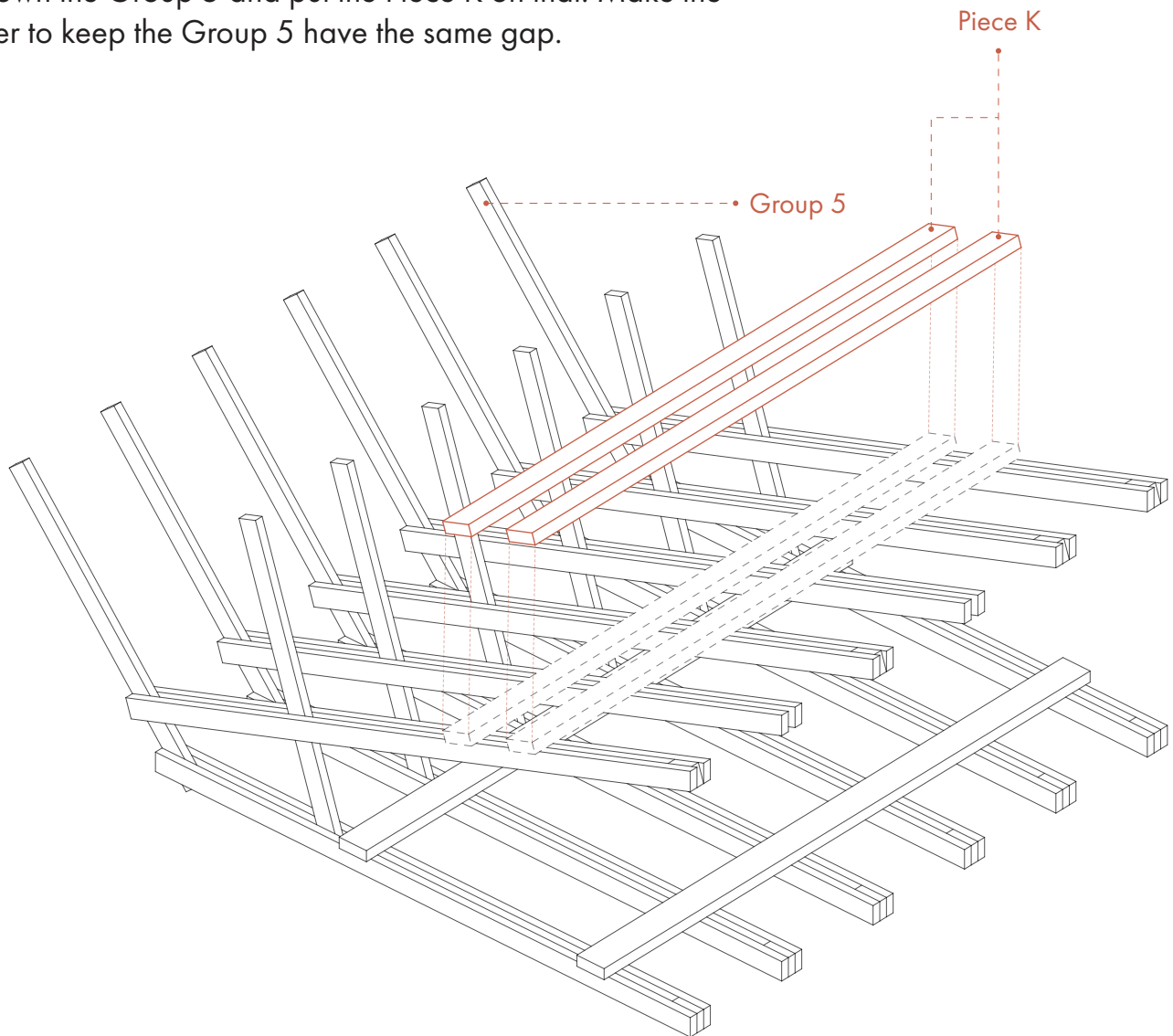
Group 5 + K

Use: Back Frame

Piece need: Group5,K

Note:

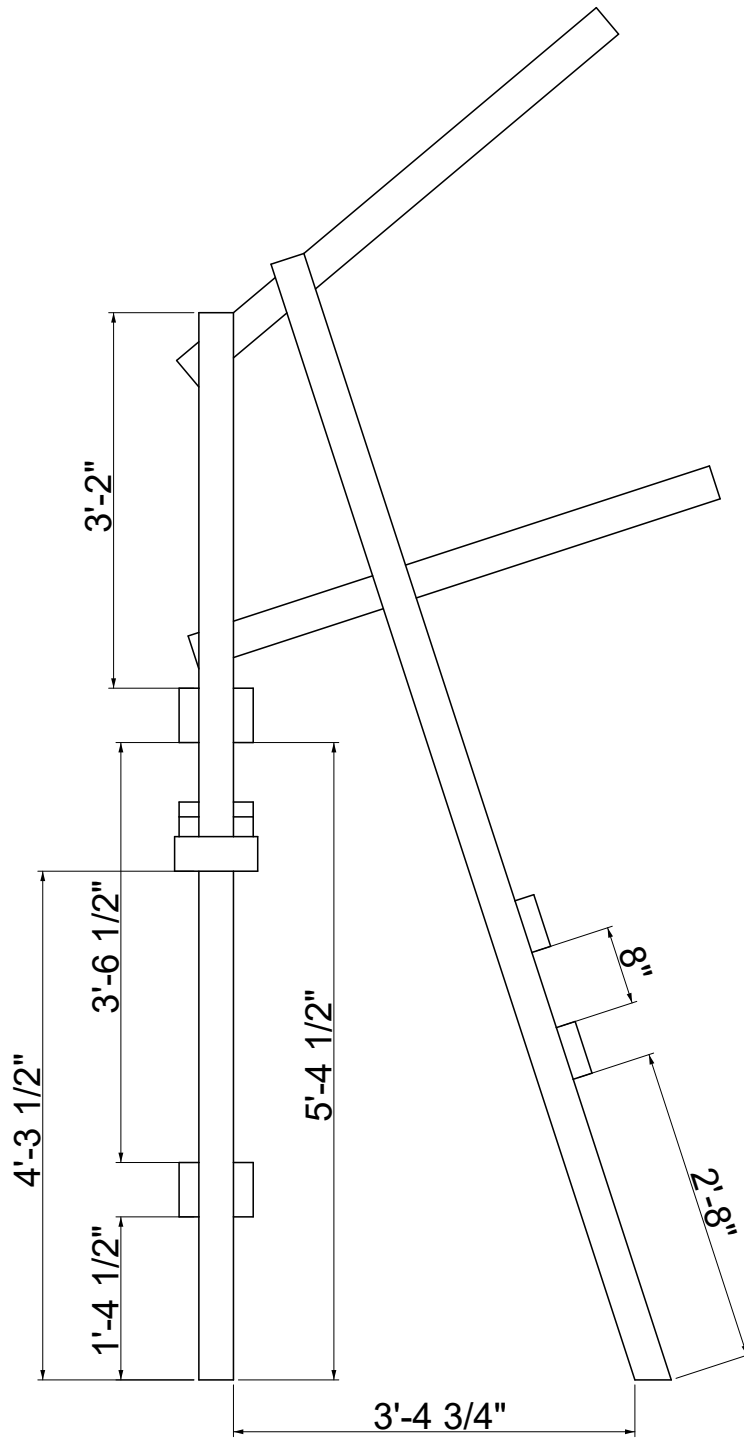
Laydown the Group 5 and put the Piece K on that. Make the spacer to keep the Group 5 have the same gap.



ASSEMBLY

Back Frame

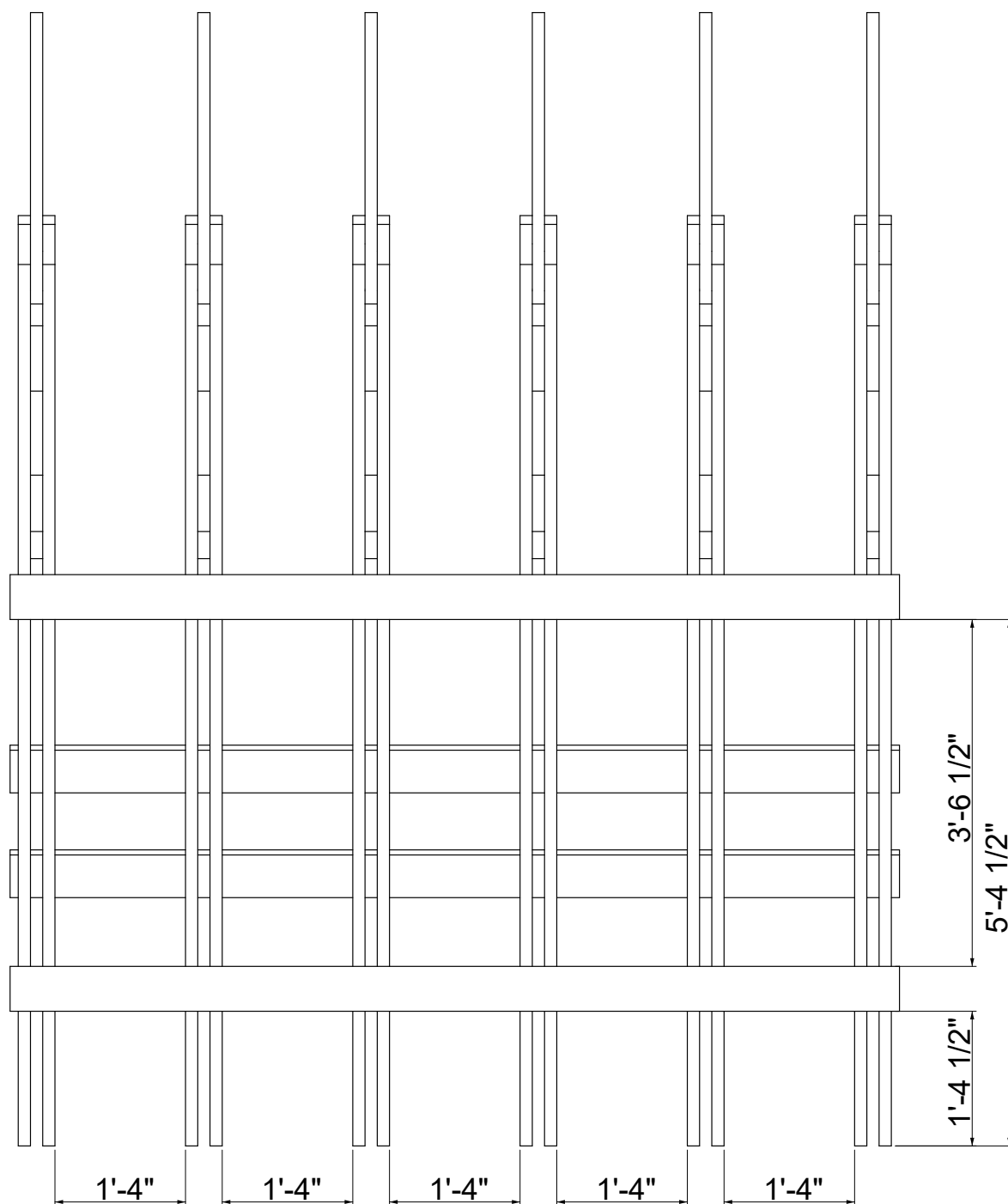
Size information



ASSEMBLY

Back Frame

Size information



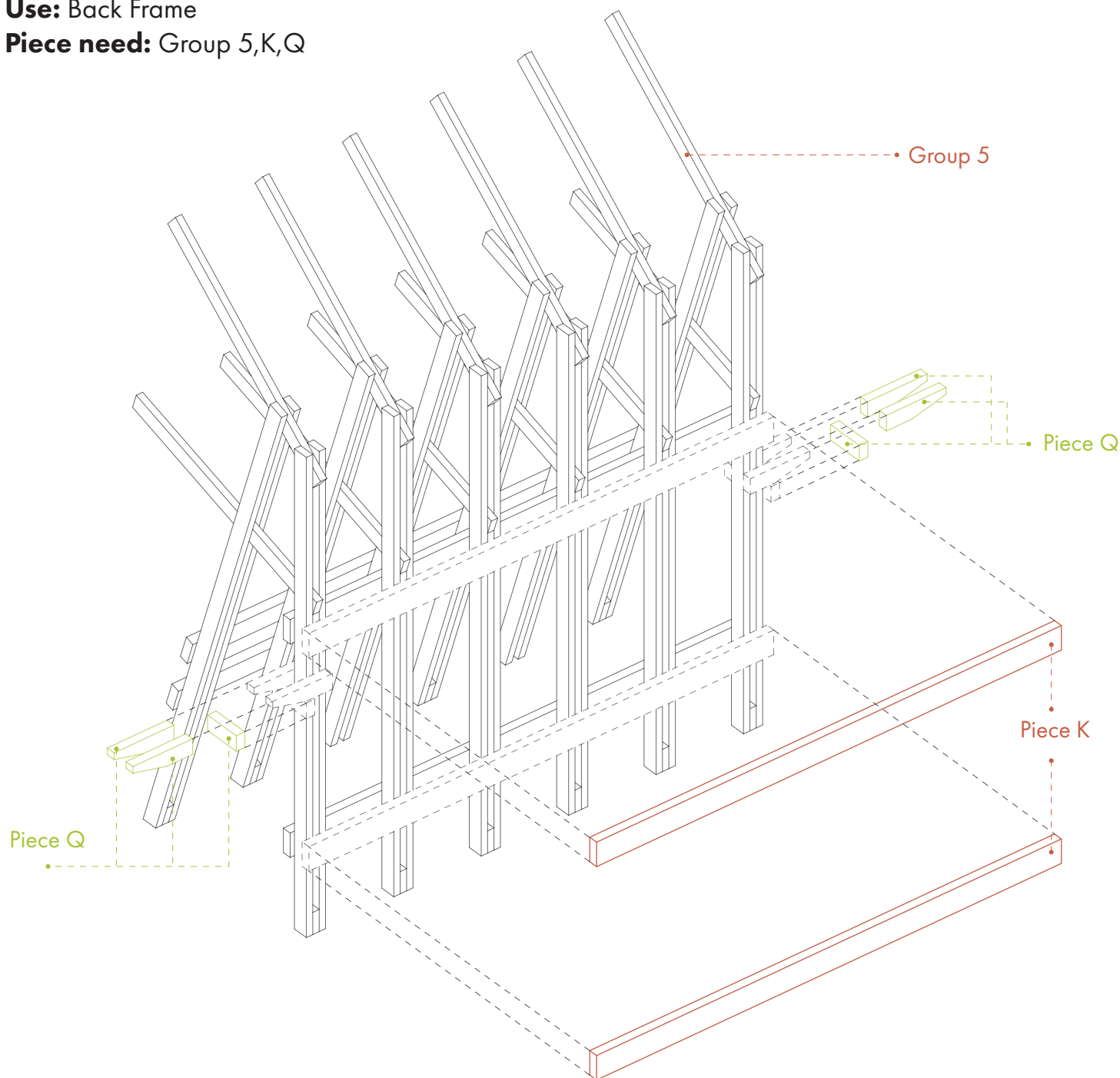
ASSEMBLY

Back Frame

Group 5 + K + Q

Use: Back Frame

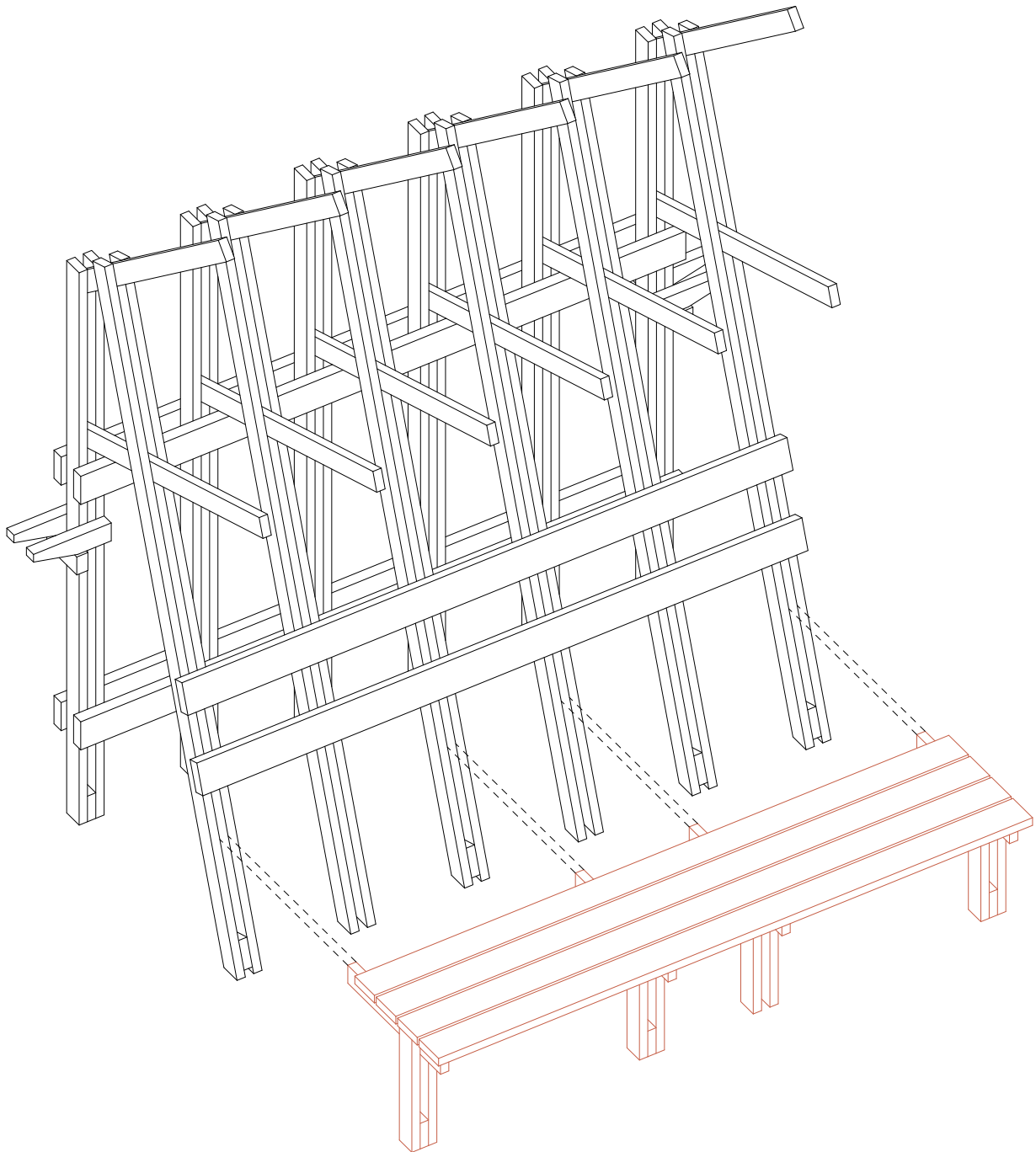
Piece need: Group 5, K, Q



ASSEMBLY

BIKE FIX

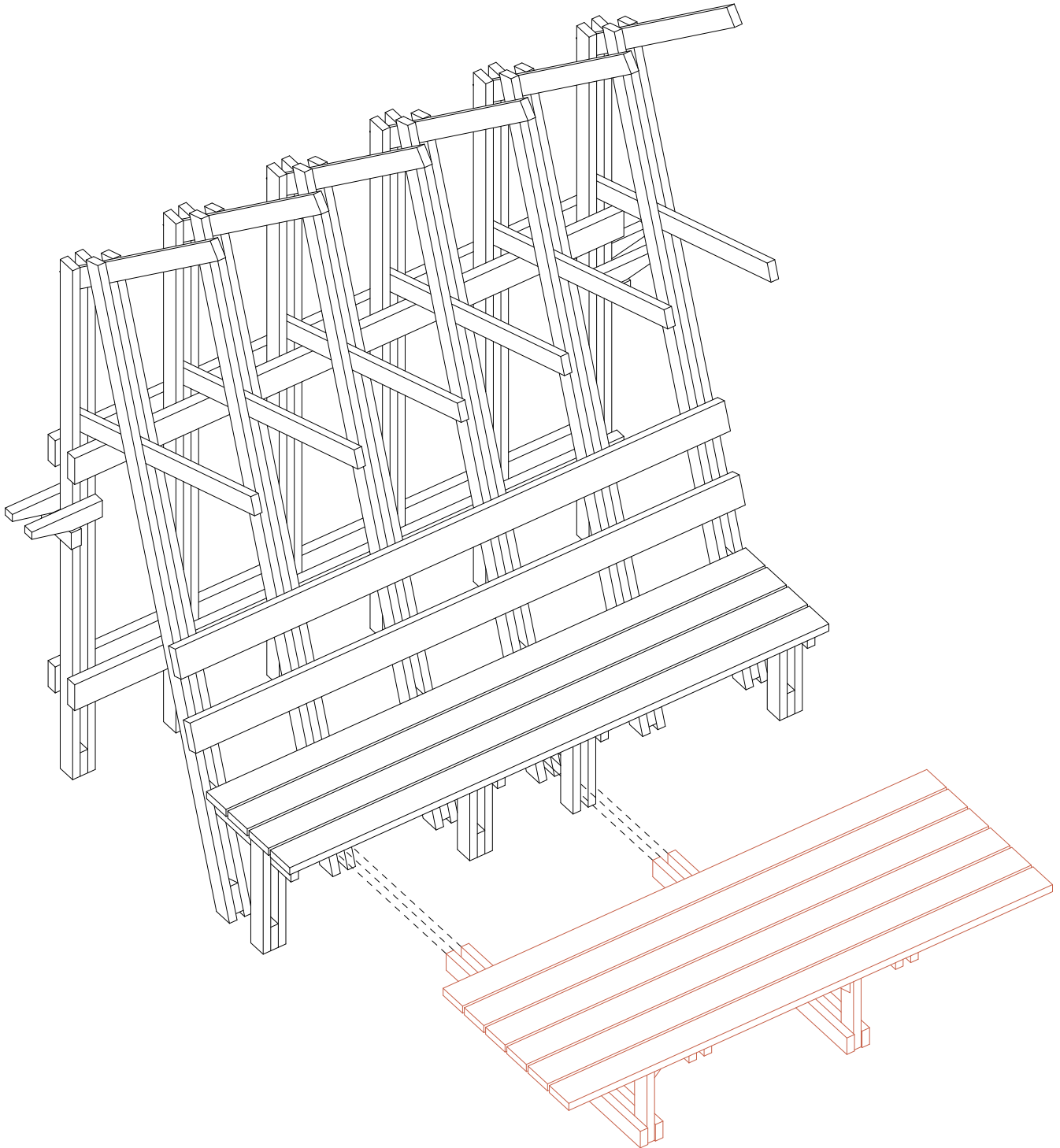
Back Frame + Bench



ASSEMBLY

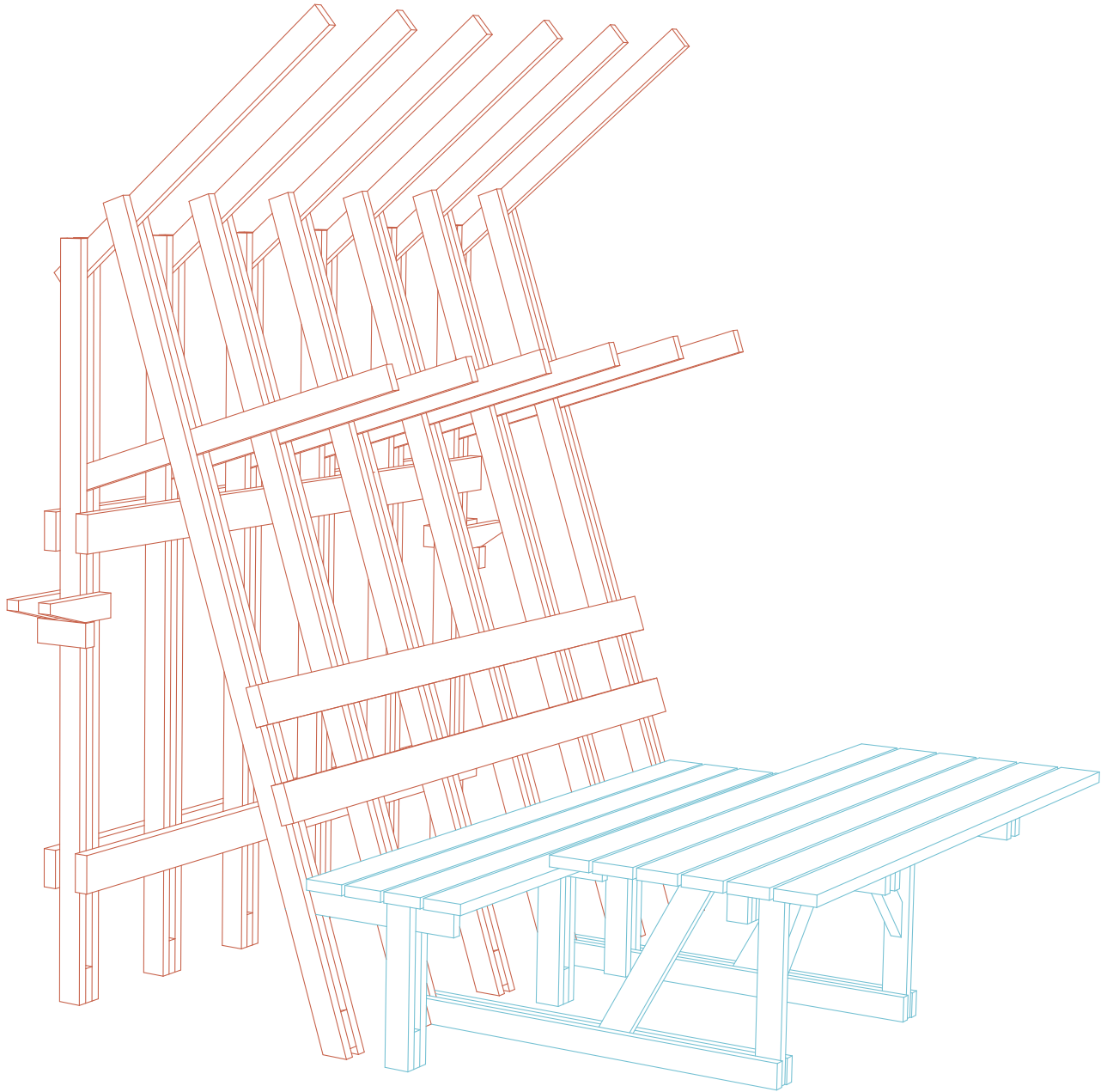
BIKE FIX

Back Frame, Bench + Table



ASSEMBLY

BIKE FIX



PIECE: A

Use: Table

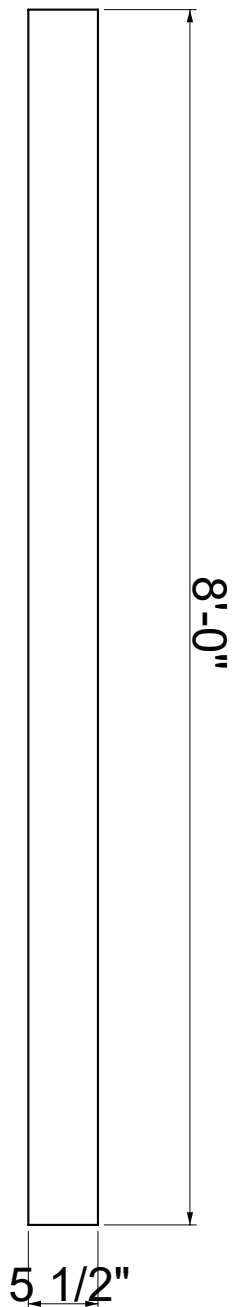
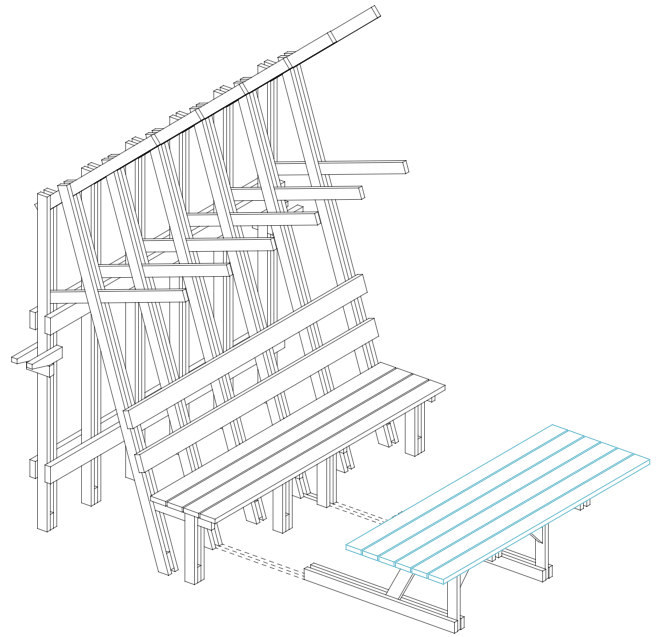
Count: 6

Materials + Directions:

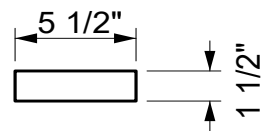
2"x6" lumber

Cut 6 pieces of 2"x6" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: B

Use: Table

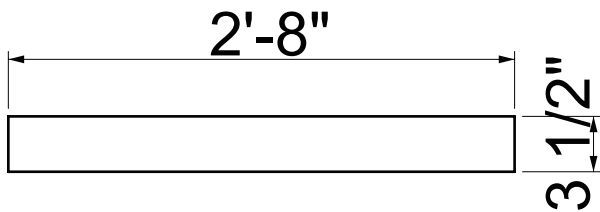
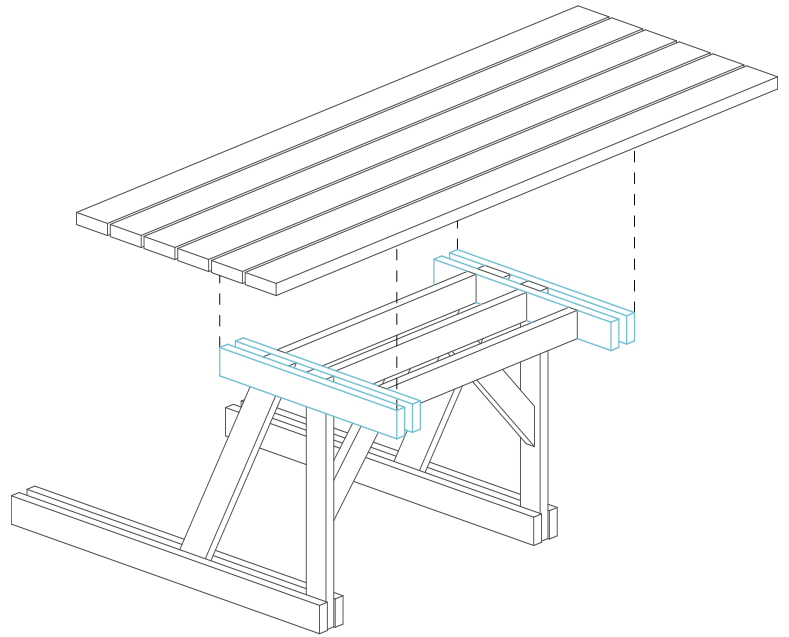
Count: 4

Materials + Directions:

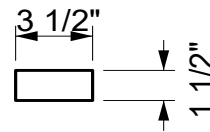
2"x4" lumber

Cut 4 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: C

Use: Table

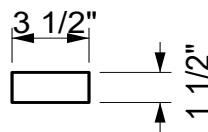
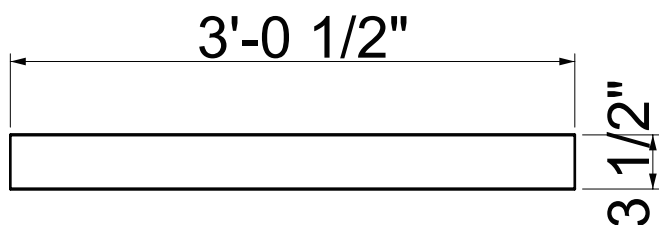
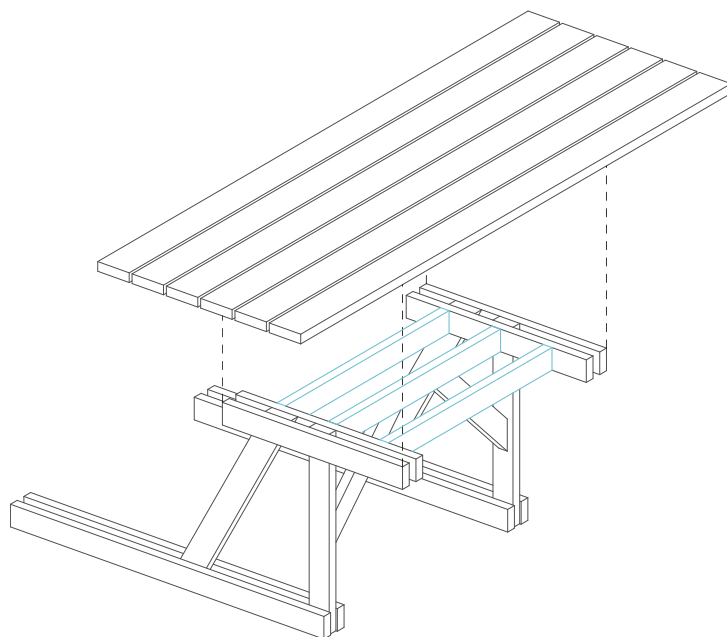
Count: 3

Materials + Directions:

2"x4" lumber

Cut 3 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE

Section
NOT TO SCALE

PIECE: D

Use: Table

Count: 2

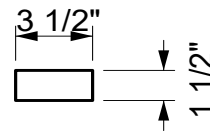
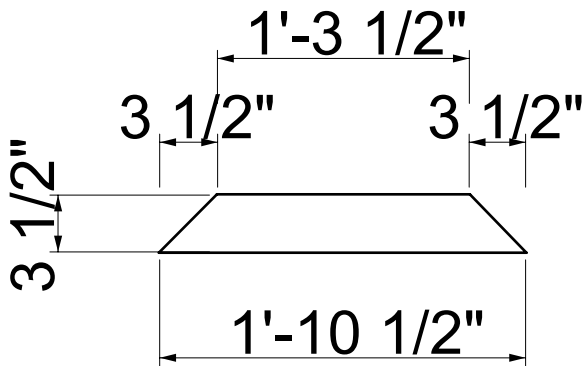
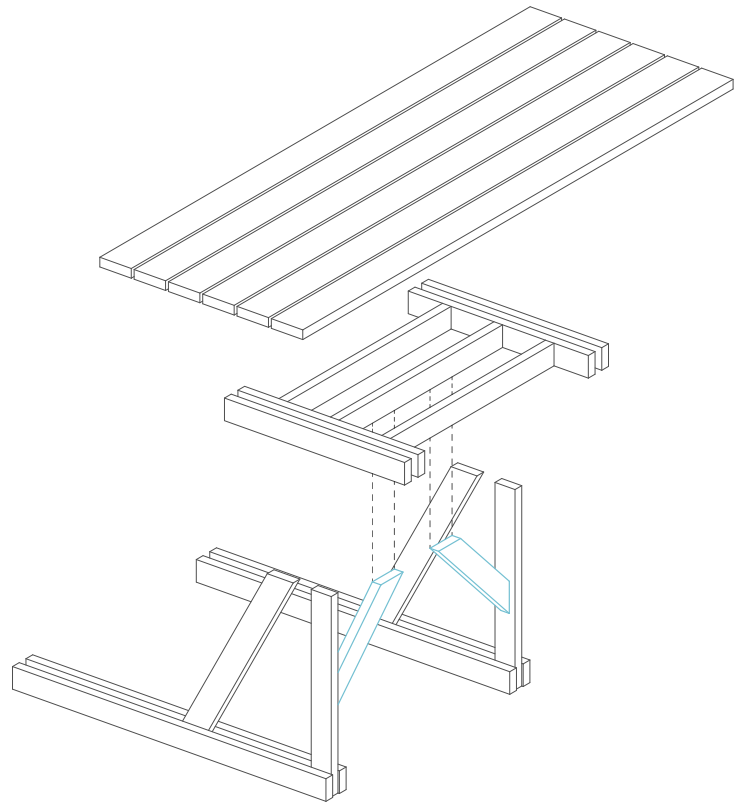
Materials + Directions:

2"x4" lumber

Cut 2 pieces of 2"x4" lumber,

Cut the angle for both sides,

Rounded edges



Plan
NOT TO SCALE

Section
NOT TO SCALE

PIECE: E

Use: Table

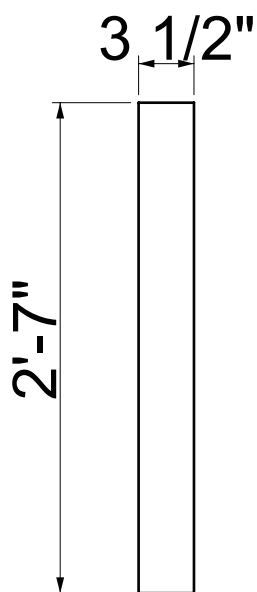
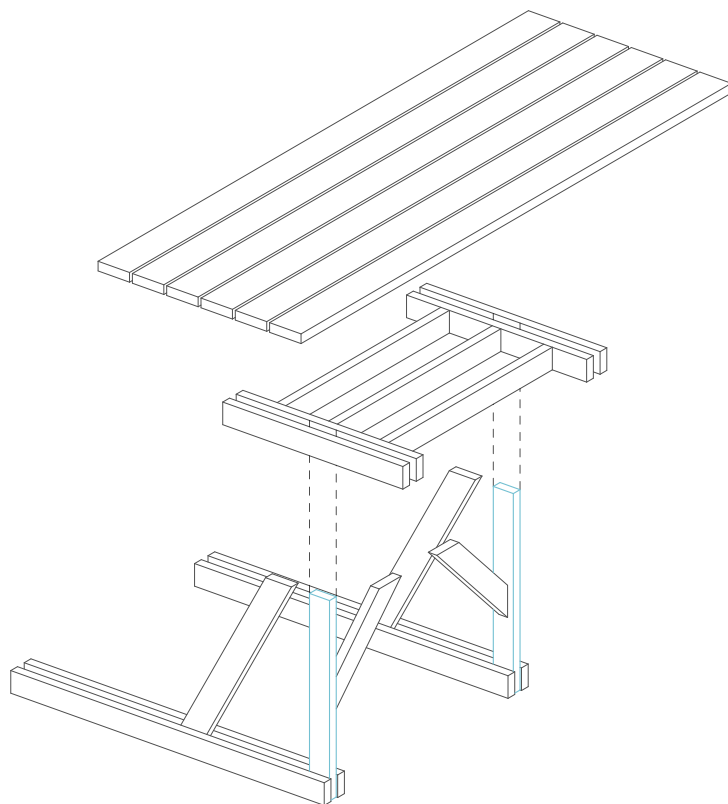
Count: 2

Materials + Directions:

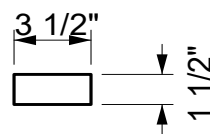
2"x4" lumber

Cut 2 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: F

Use: Table

Count: 2

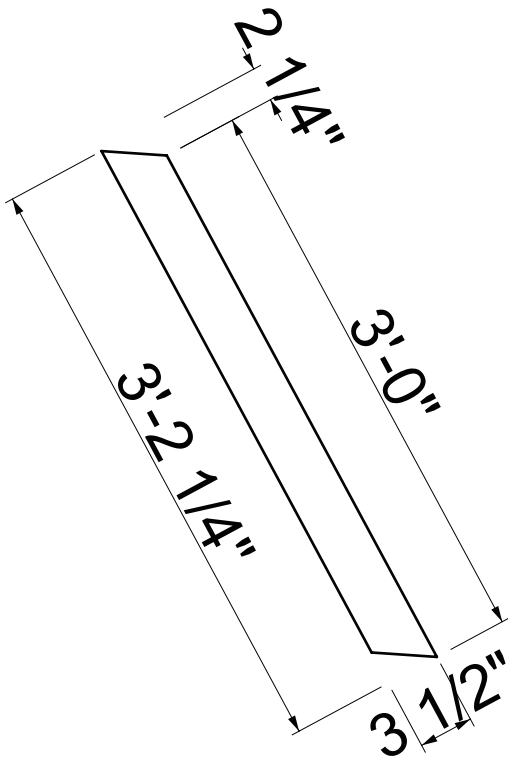
Materials + Directions:

2"x4" lumber

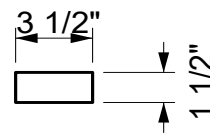
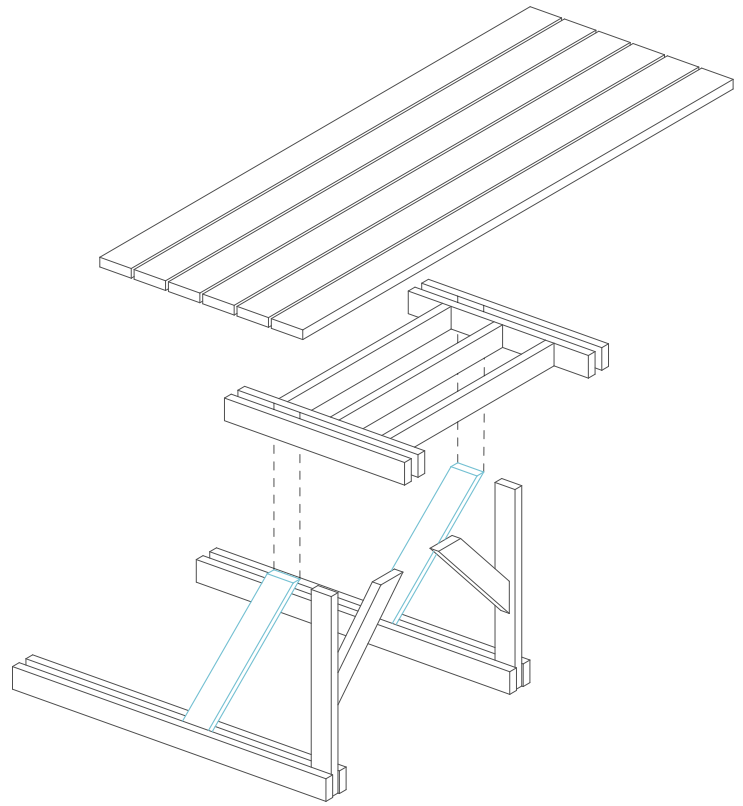
Cut 2 pieces of 2"x4" lumber,

Cut the angle for both sides,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: G

Use: Table

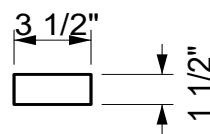
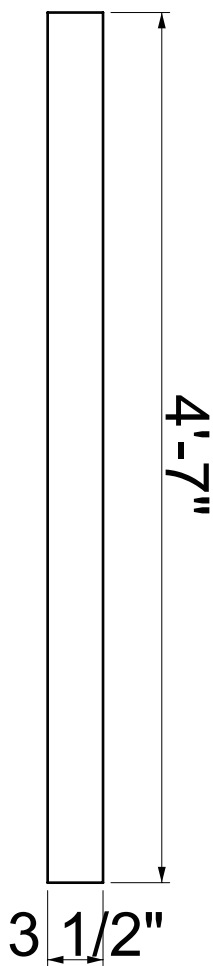
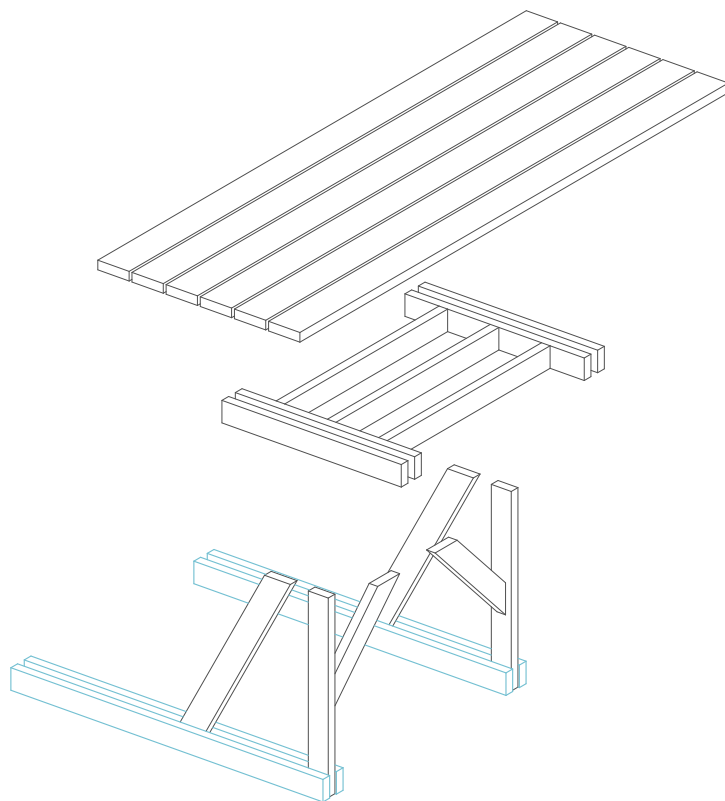
Count: 2

Materials + Directions:

2"x4" lumber

Cut 2 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE

Section
NOT TO SCALE

PIECE: H

Use: Bench

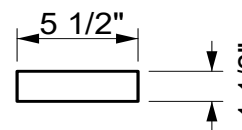
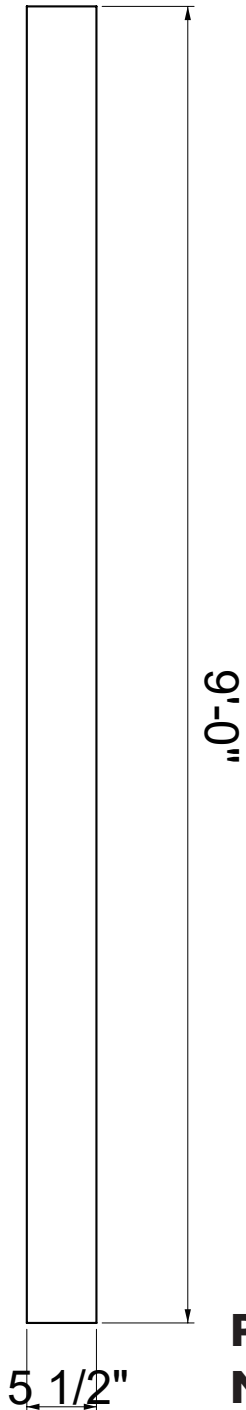
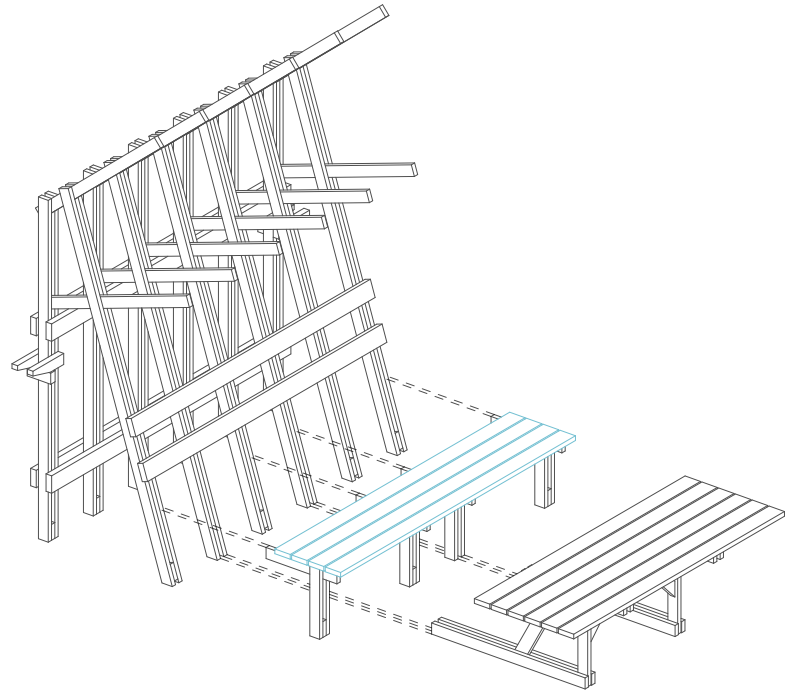
Count: 4

Materials + Directions:

2"x6" lumber

Cut 2 pieces of 2"x6" lumber,

Rounded edges



PIECE: I

Use: Bench

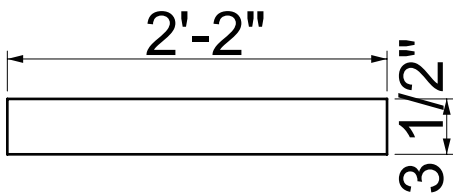
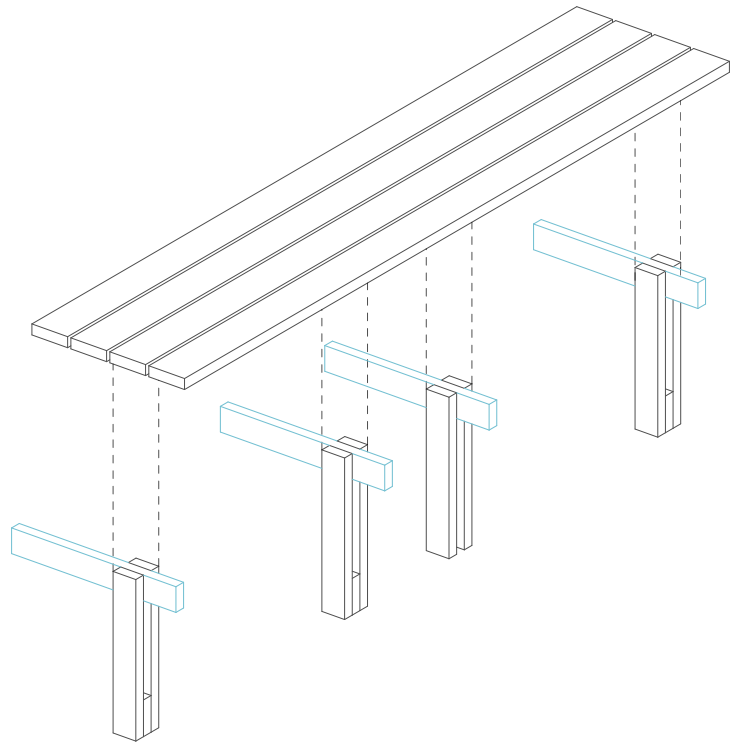
Count: 4

Materials + Directions:

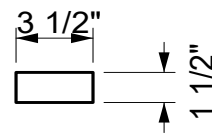
2"x4" lumber

Cut 4 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: J

Use: Bench

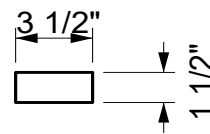
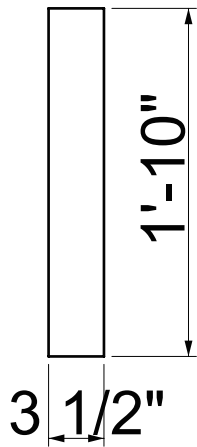
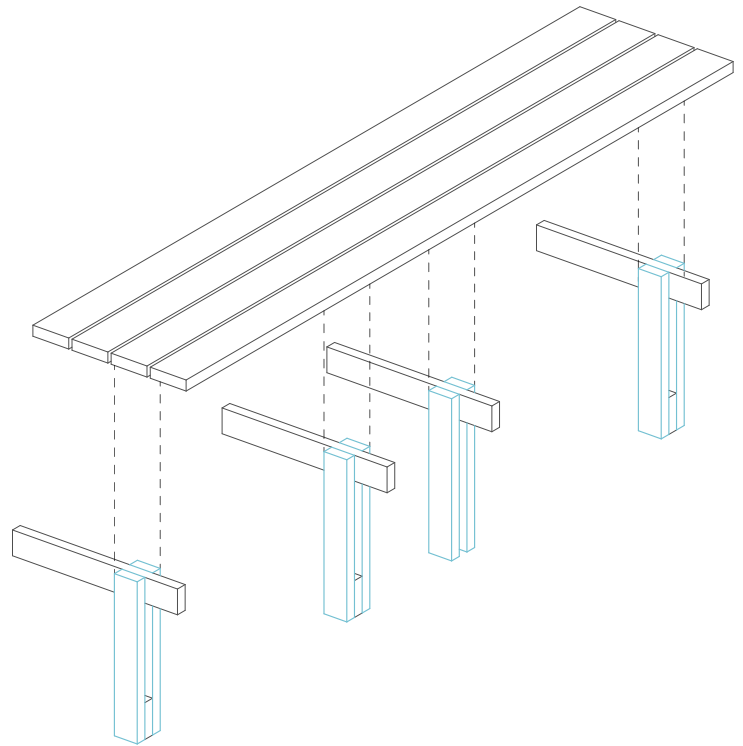
Count: 8

Materials + Directions:

2"x4" lumber

Cut 8 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE

Section
NOT TO SCALE

PIECE: K

Use: Back Frame

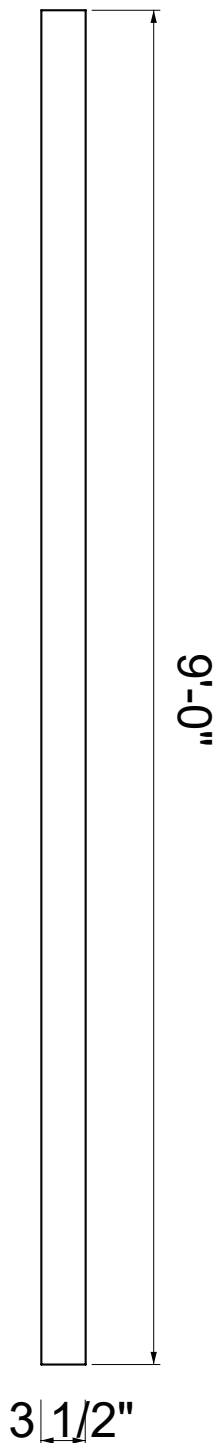
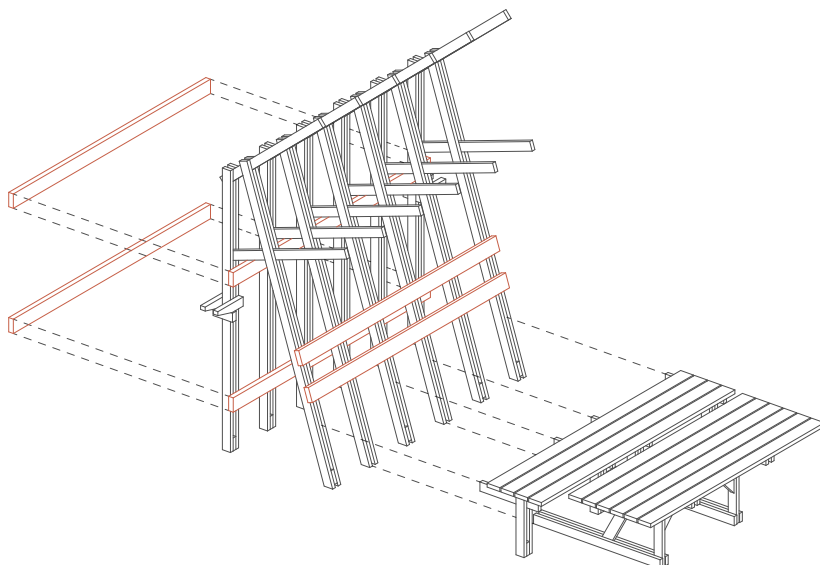
Count: 6

Materials + Directions:

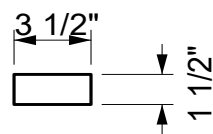
2"x6" lumber

Cut 6 pieces of 2"x6" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: L

Use: Back Frame

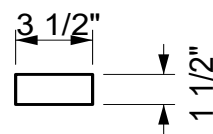
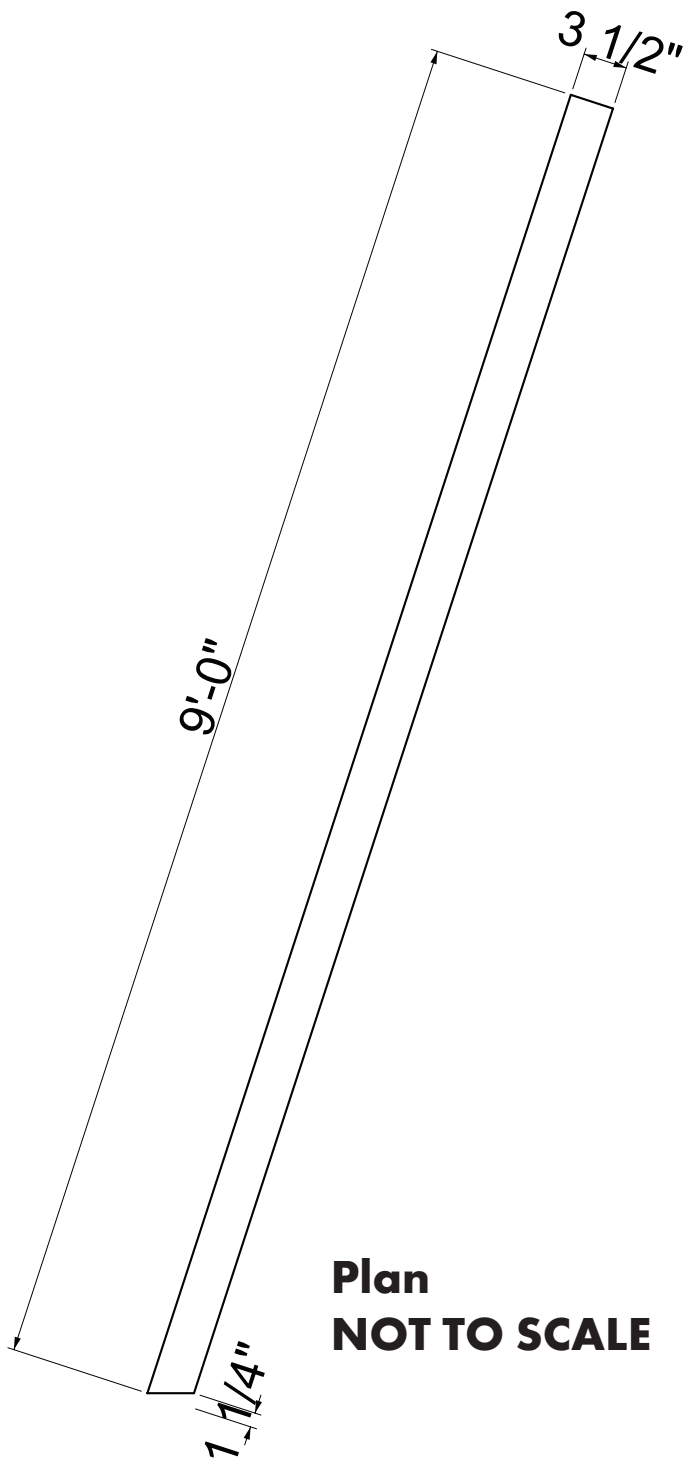
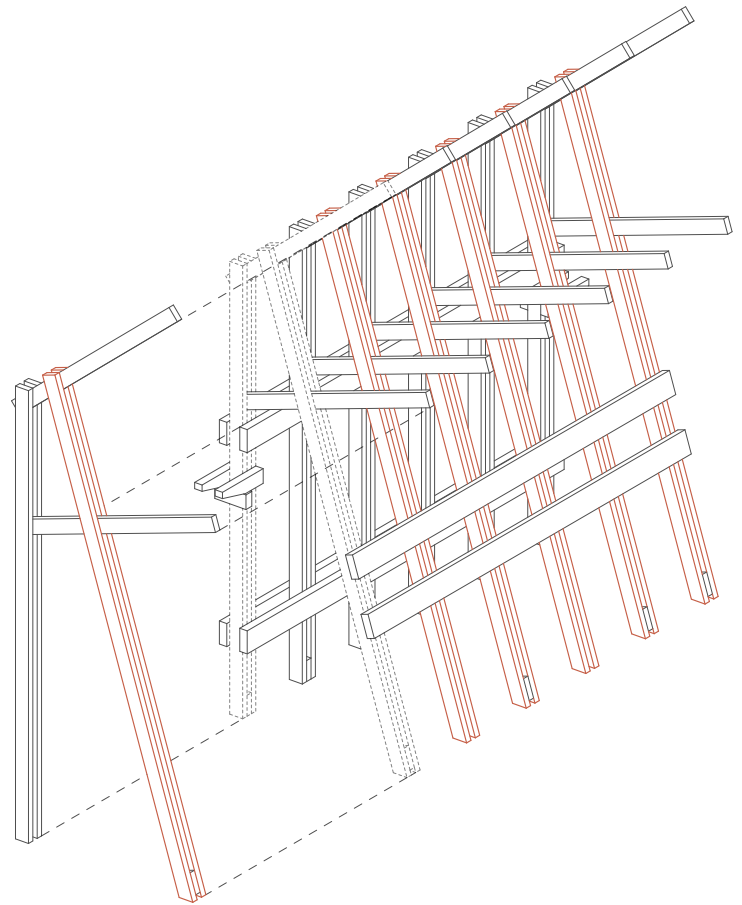
Count: 12

Materials + Directions:

2"x4" lumber

Cut 12 pieces of 2"x4" lumber,
Cut the angle for the bottom side

Rounded edges



PIECE: M

Use: Back Frame

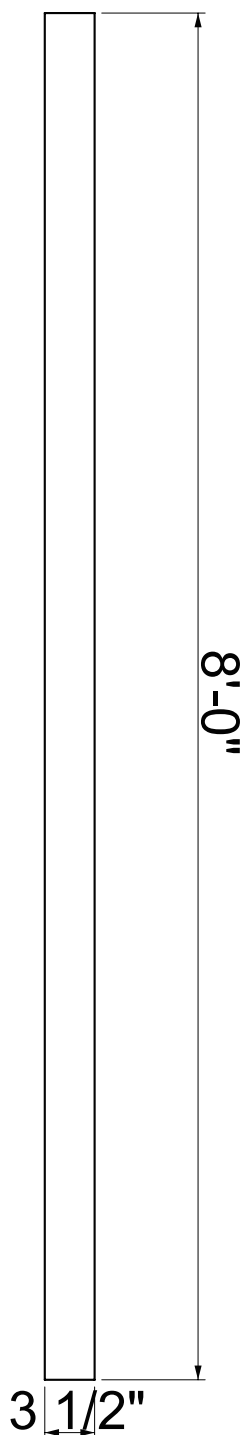
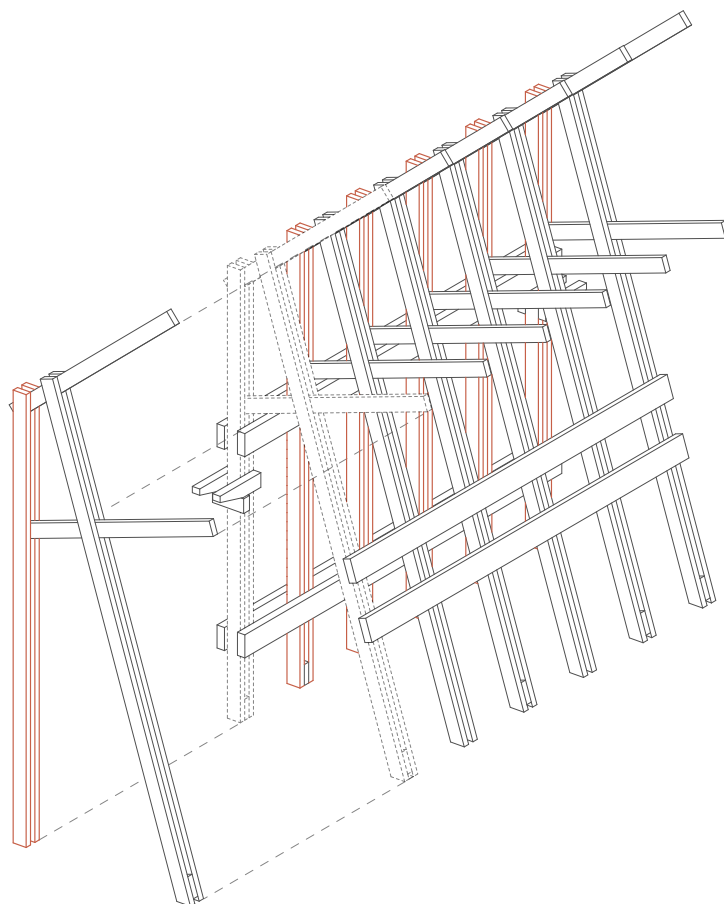
Count: 12

Materials + Directions:

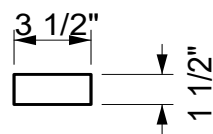
2"x4" lumber

Cut 12 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: N

Use: Back Frame

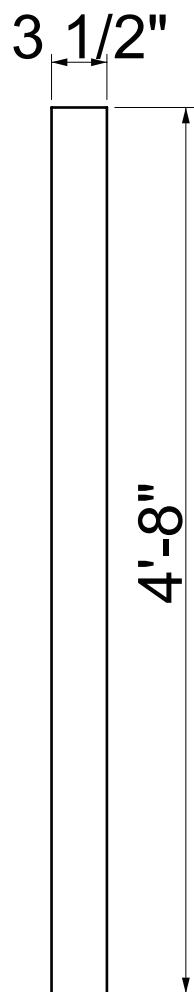
Count: 6

Materials + Directions:

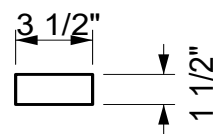
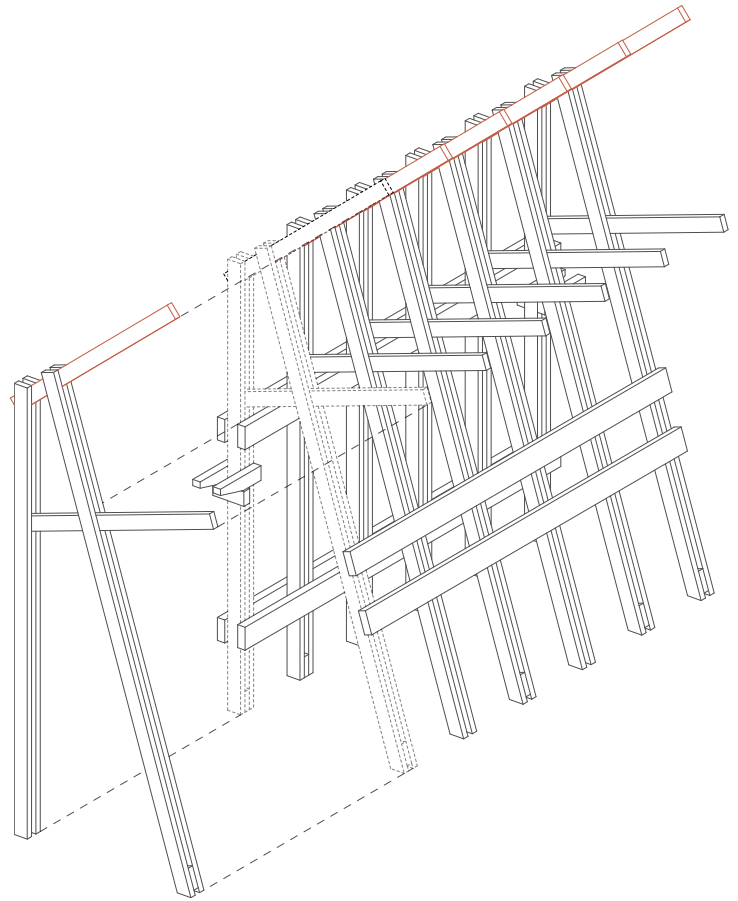
2"x4" lumber

Cut 6 pieces of 2"x4" lumber,

Rounded edges



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: O

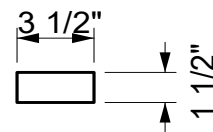
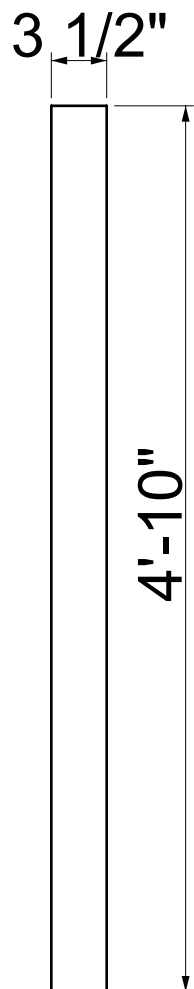
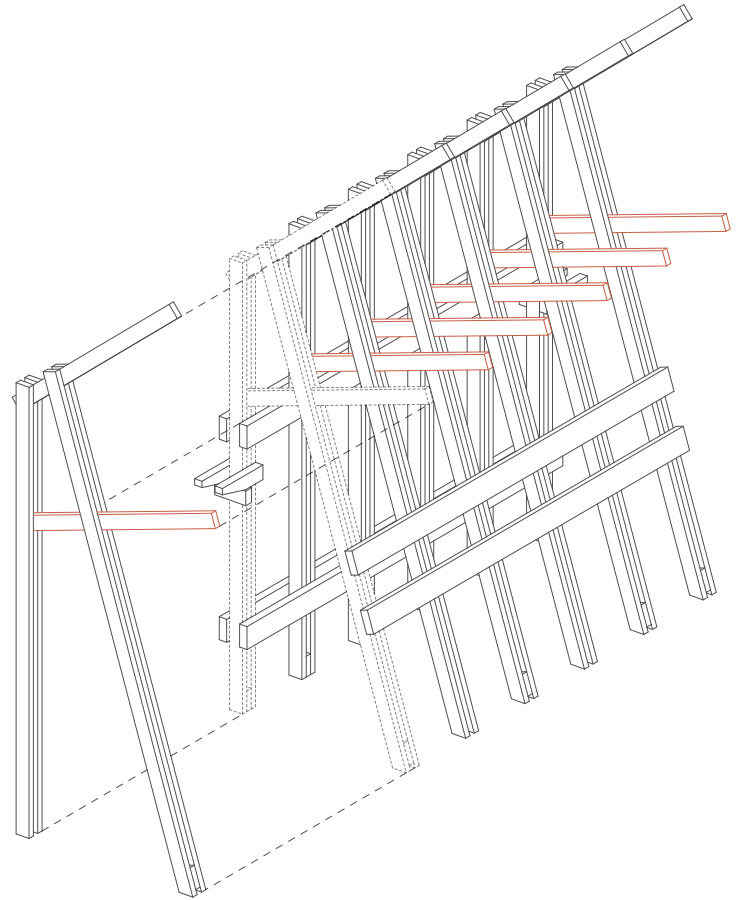
Use: Back Frame

Count: 6

Materials + Directions:

2"x4" lumber

Cut 6 pieces of 2"x4" lumber,
Rounded edges



Plan
NOT TO SCALE

Section
NOT TO SCALE

PIECE: P

Use: Back Frame, Bench

Count: 13

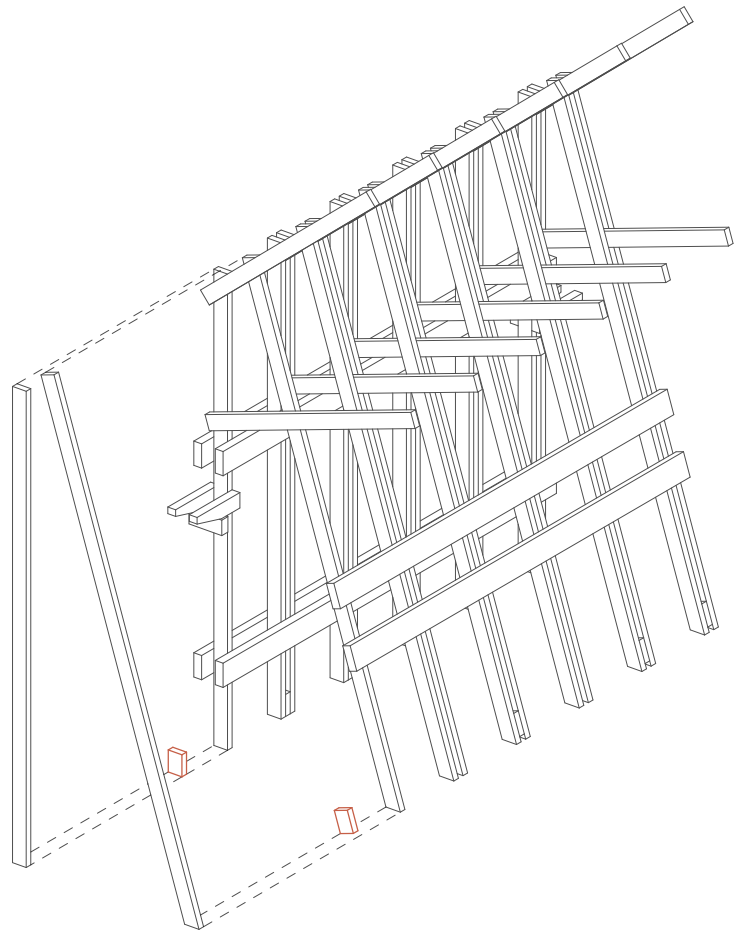
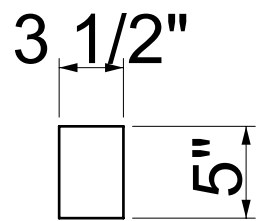
Materials + Directions:

2"x4" lumber

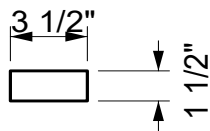
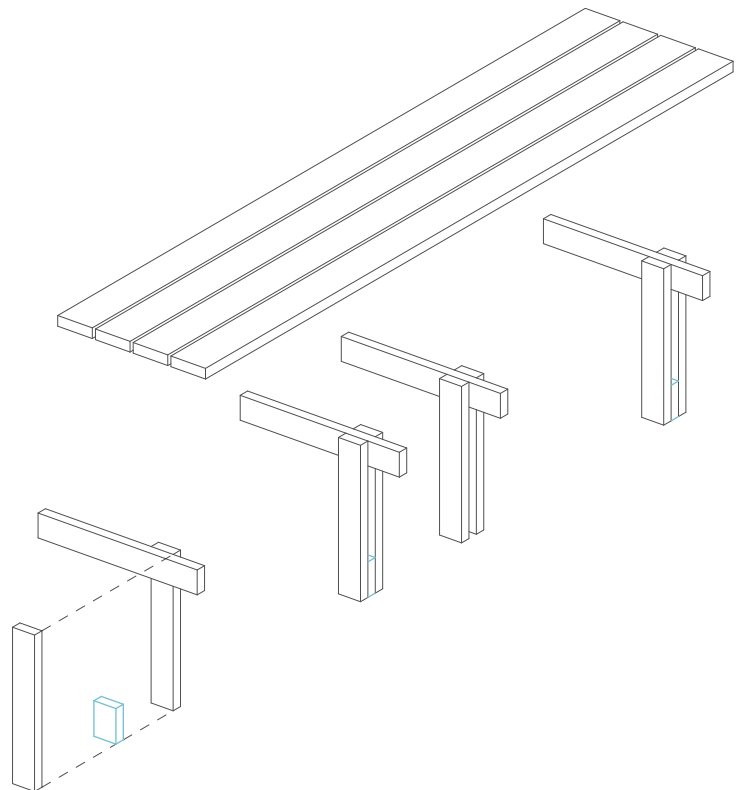
Cut 13 pieces of 2"x4" lumber,

2 of the back frame do not need the spacer cause of the table pulg in.

1 of the bench leg do not need the spacer cause of the table pulg in.



Plan
NOT TO SCALE



Section
NOT TO SCALE

PIECE: Q

Use: Back Frame

Count: 6

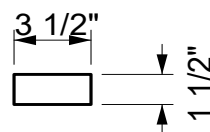
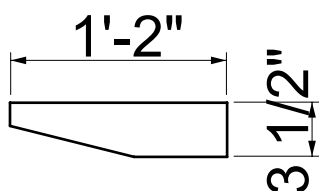
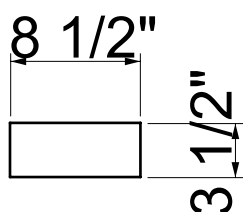
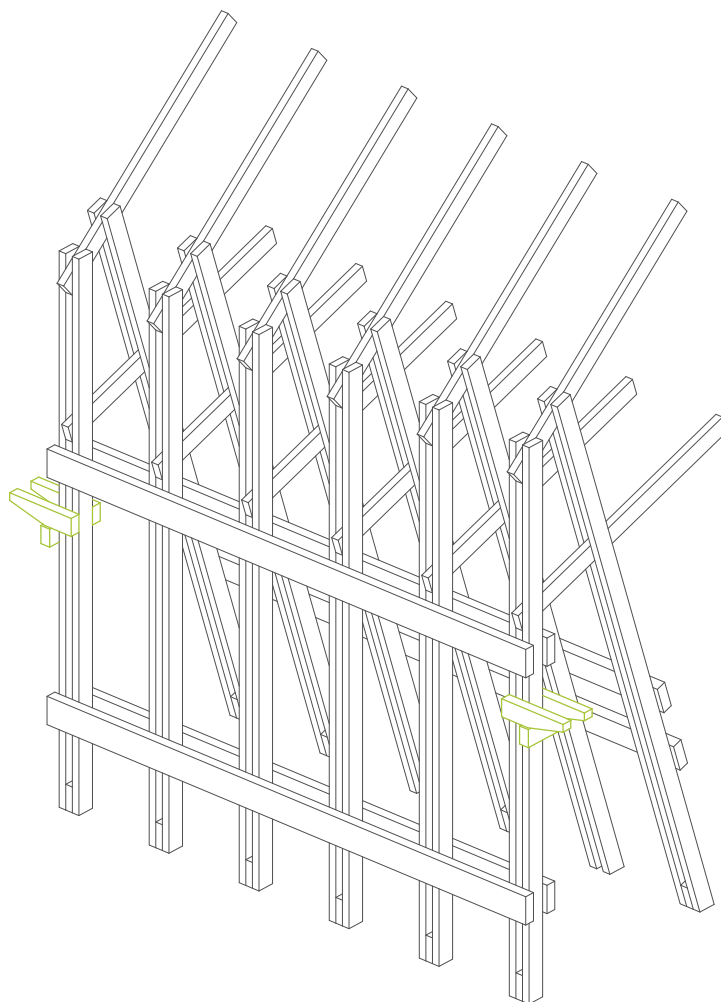
Materials + Directions:

2"x4" lumber

Cut 6 pieces of 2"x4" lumber,

Cut the angle

Rounded edges



Plan
NOT TO SCALE

Section
NOT TO SCALE

CLEMSON

SCHOOL OF ARCHITECTURE

STUDIO Community + Build

PROFESSOR Dan Harding

YEAR Spring 2018

STUDENT Yibo Zeng