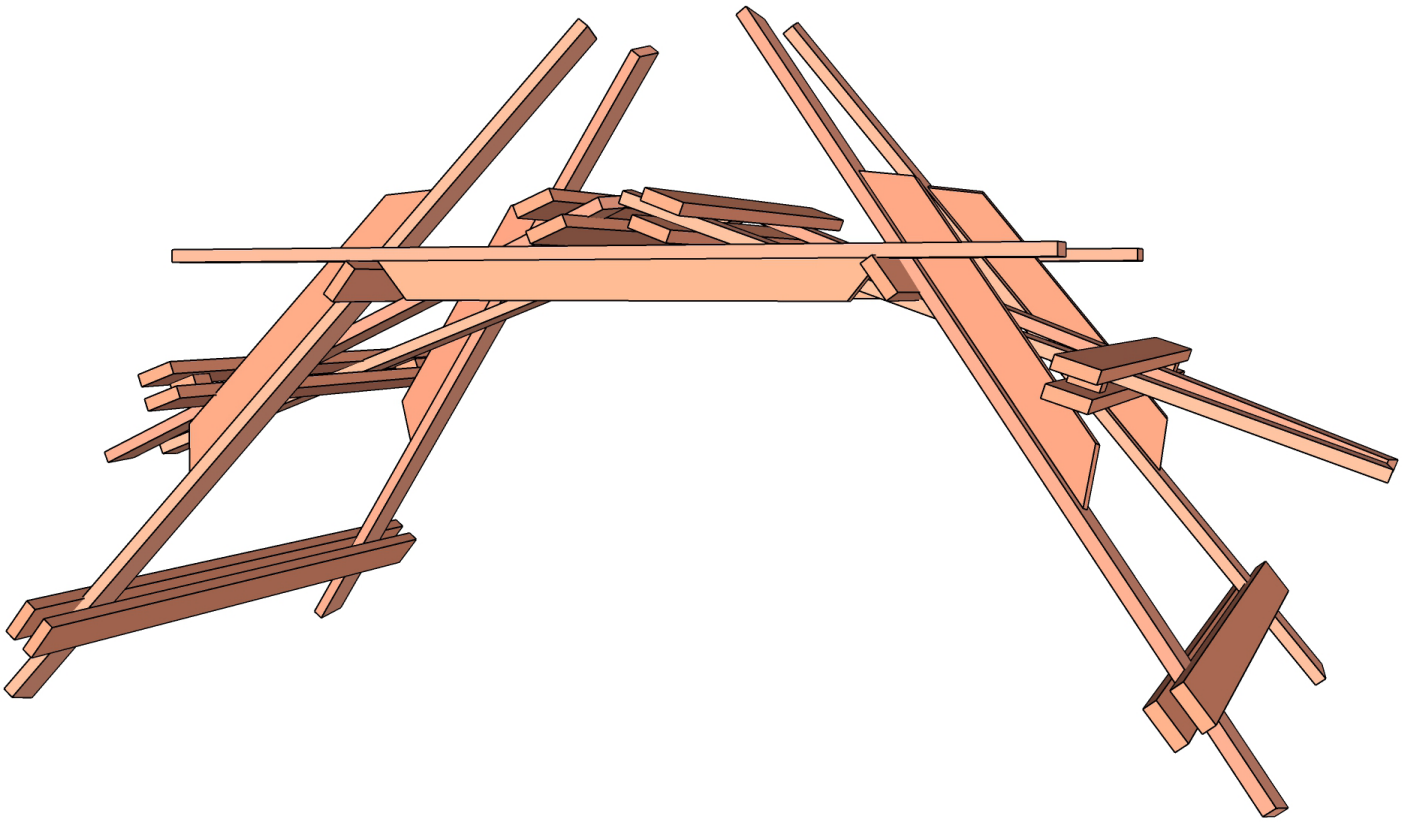
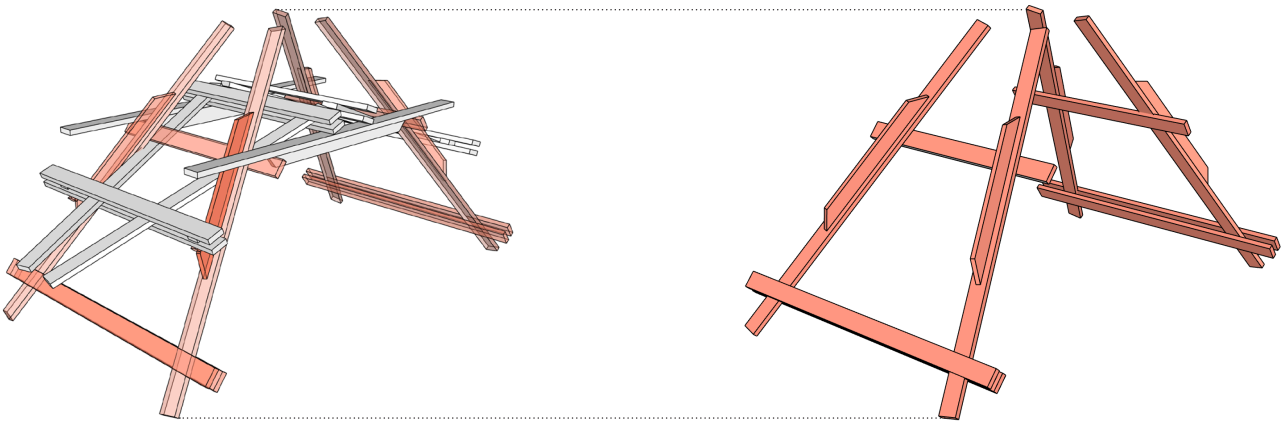
BRIDGE

Use: Architecture Folly
Count: 1
Materials + Directions:
2x6 pressure treated lumber
[1] paint color (Emotional Red)



ASSEMBLY

1



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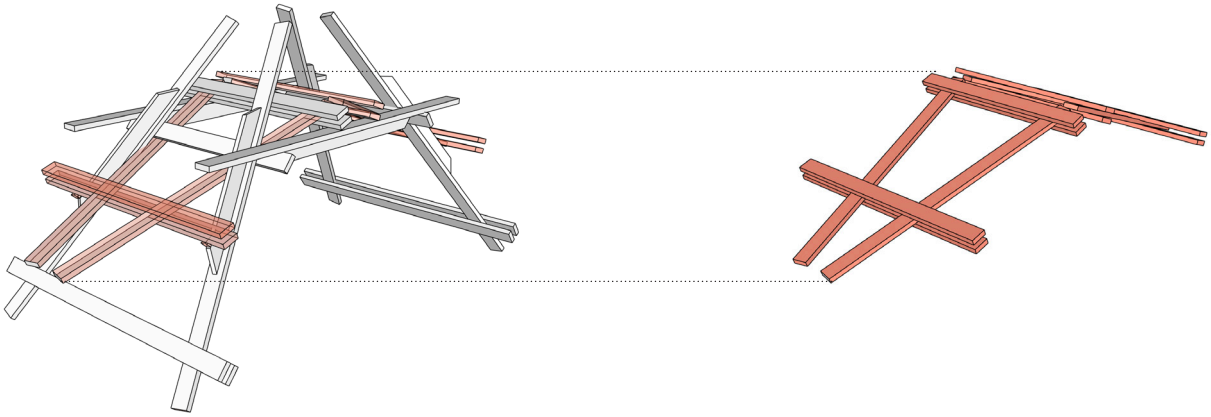

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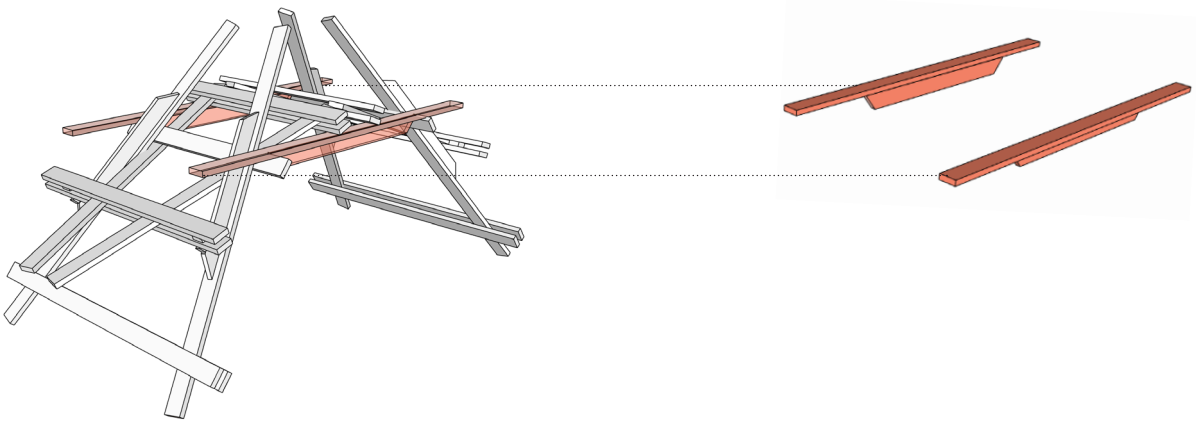
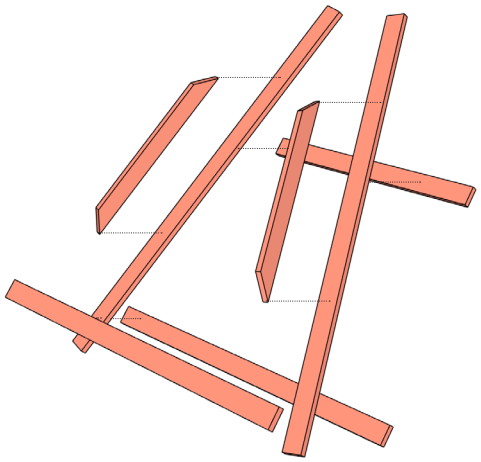
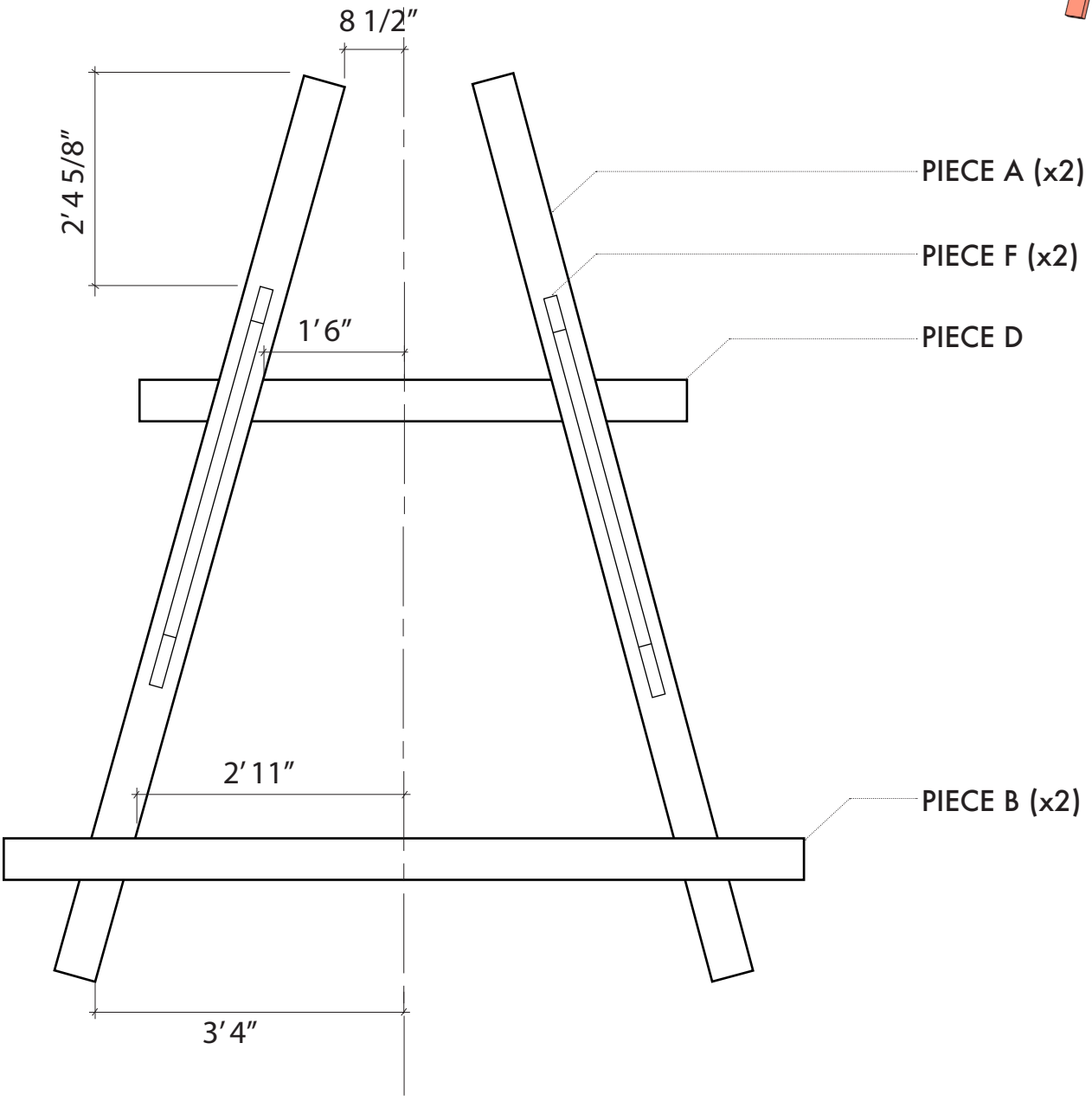


ASSEMBLY

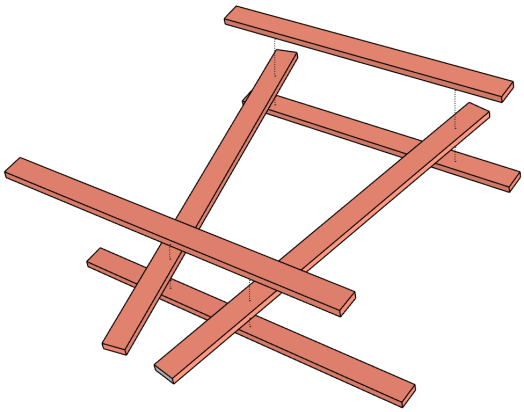
SUBASSEMBLY 1 (x2)

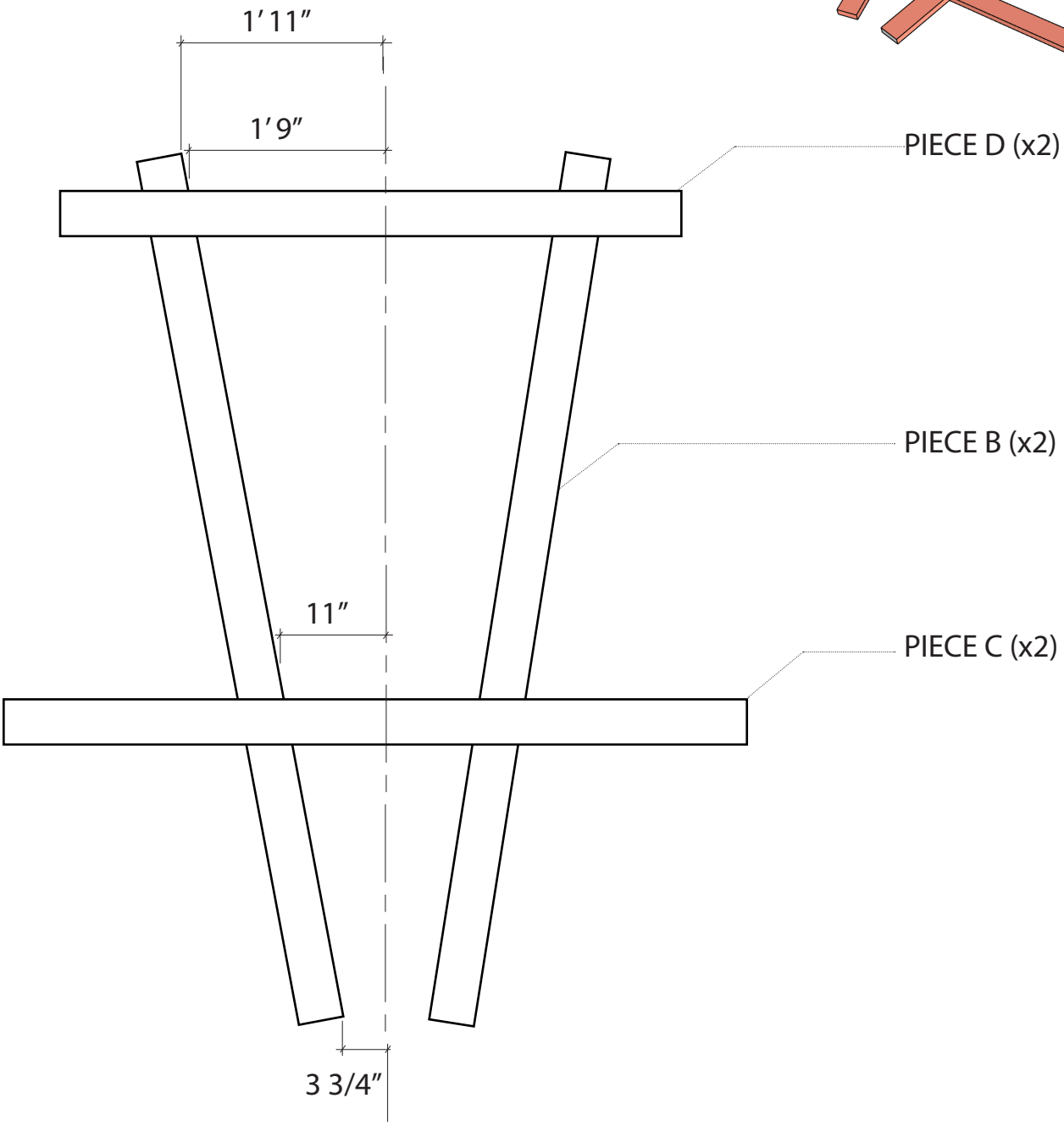




ASSEMBLY

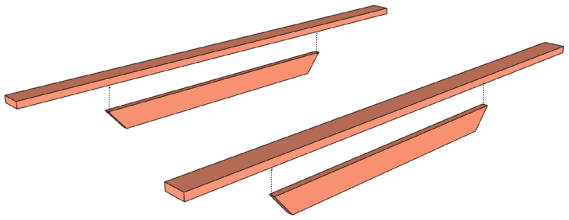
SUBASSEMBLY 2 (x2)

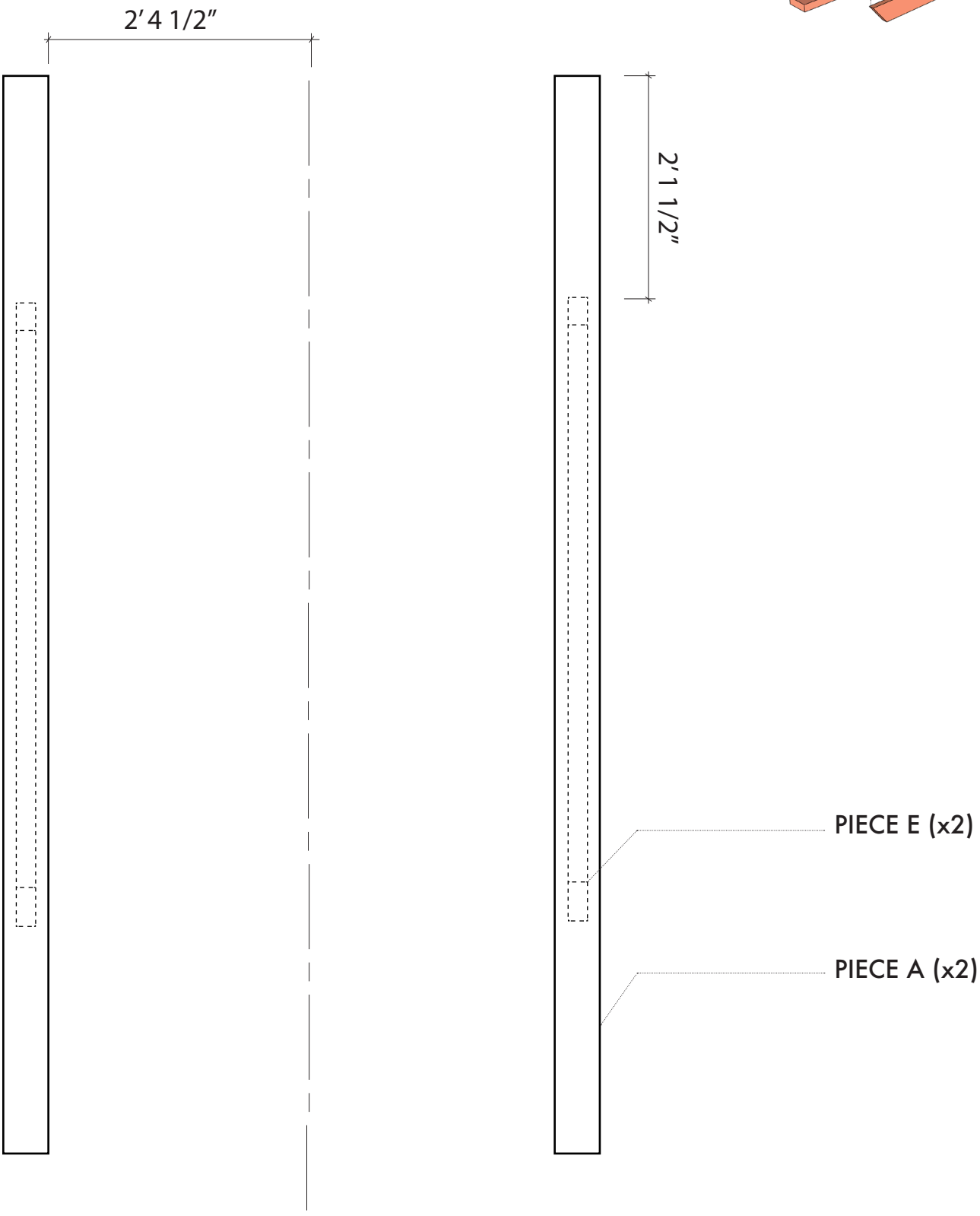




ASSEMBLY

SUBASSEMBLY 3

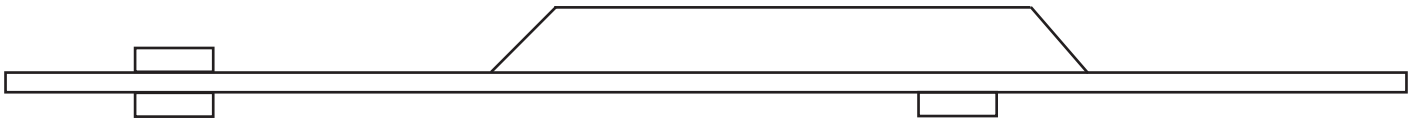




ASSEMBLY

STEP 1

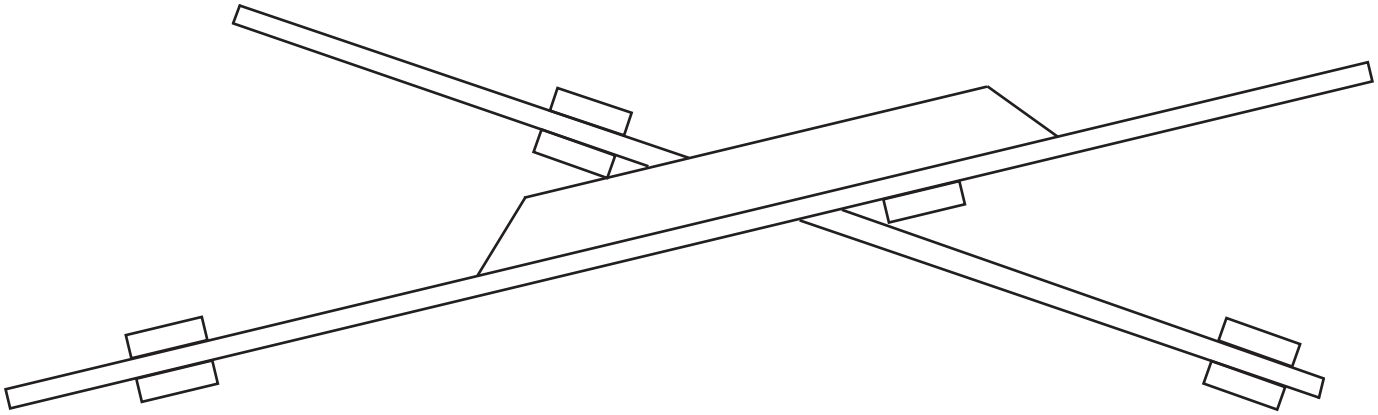
Lay out one of the Subassembly As, as shown below.



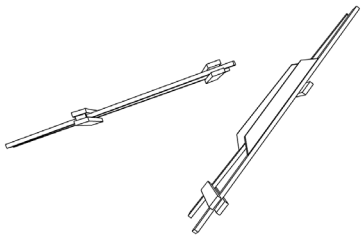
ASSEMBLY

STEP 2

Slide one of the Subassembly Bs in to A to interlock pieces together (see diagrams below for fitting pieces together). Once together, the structures will lock in and support the other.



1



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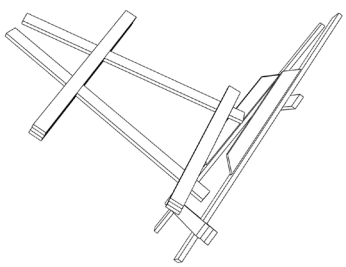

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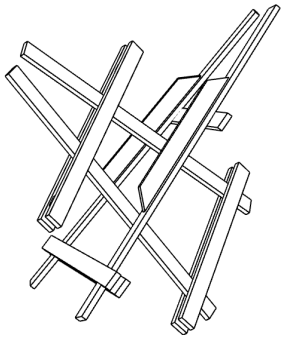

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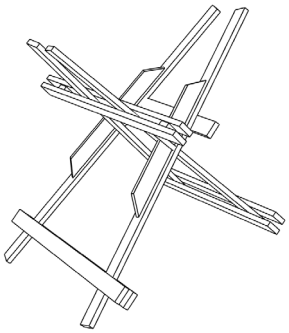
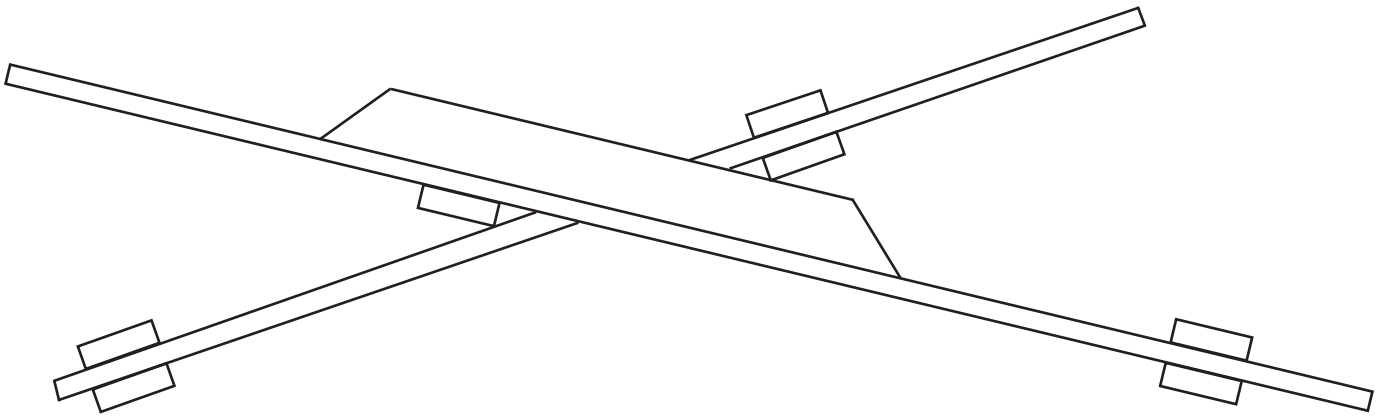
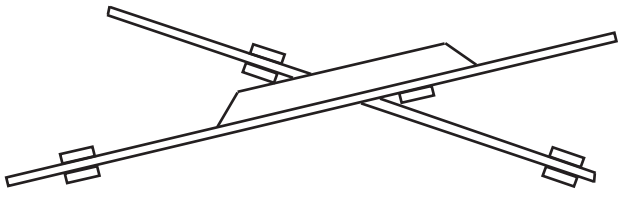


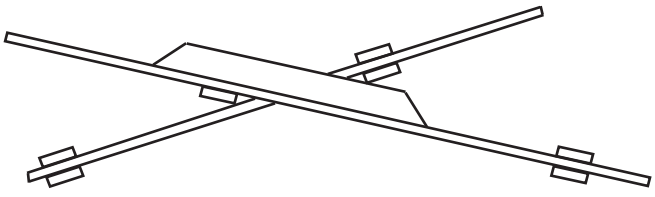
ASSEMBLY

STEP 3

Repeat steps 1 and 2 with leftover Subassemblies A and B. Lay out both sides out so that the structures are mirroring one another



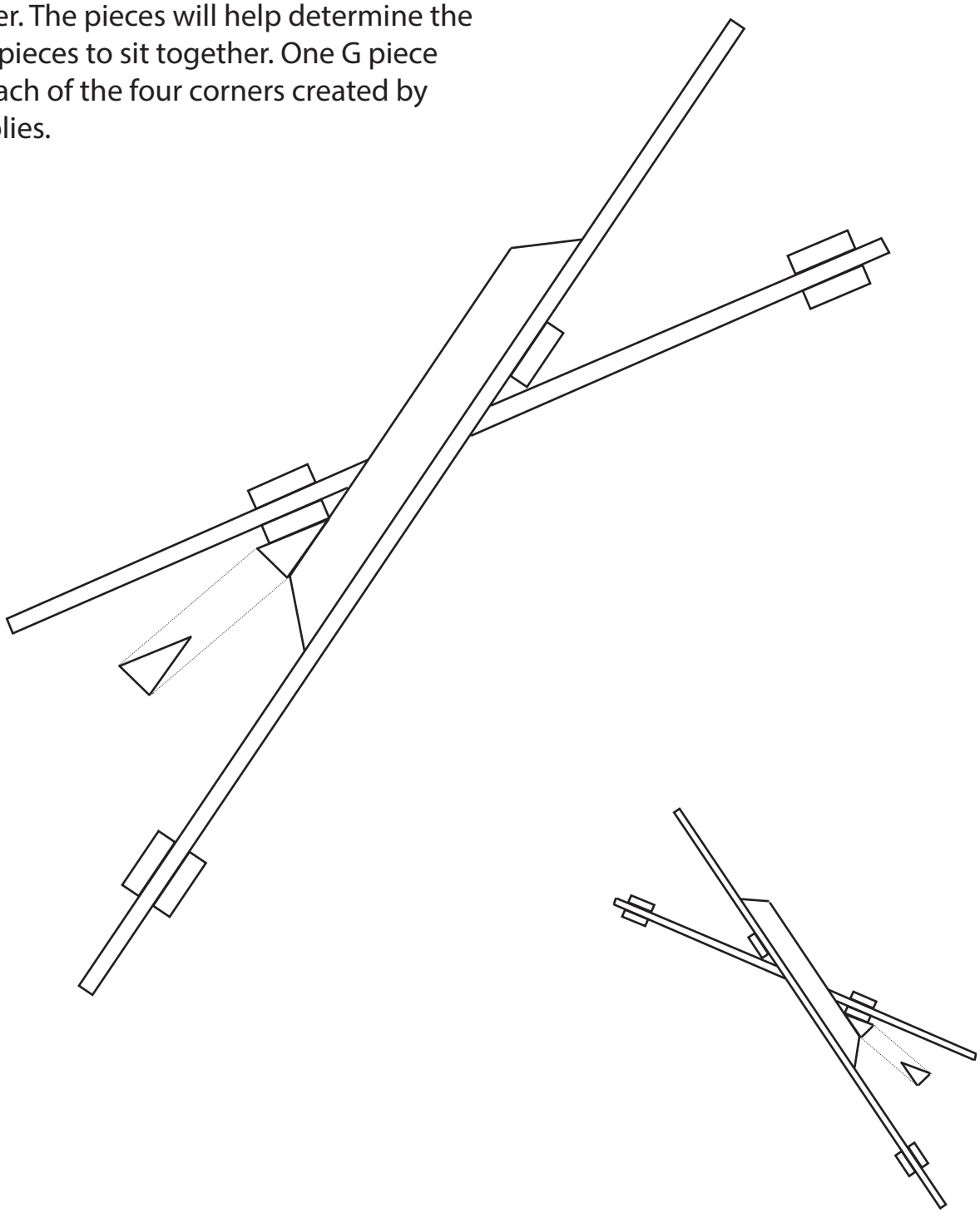




ASSEMBLY

STEP 4

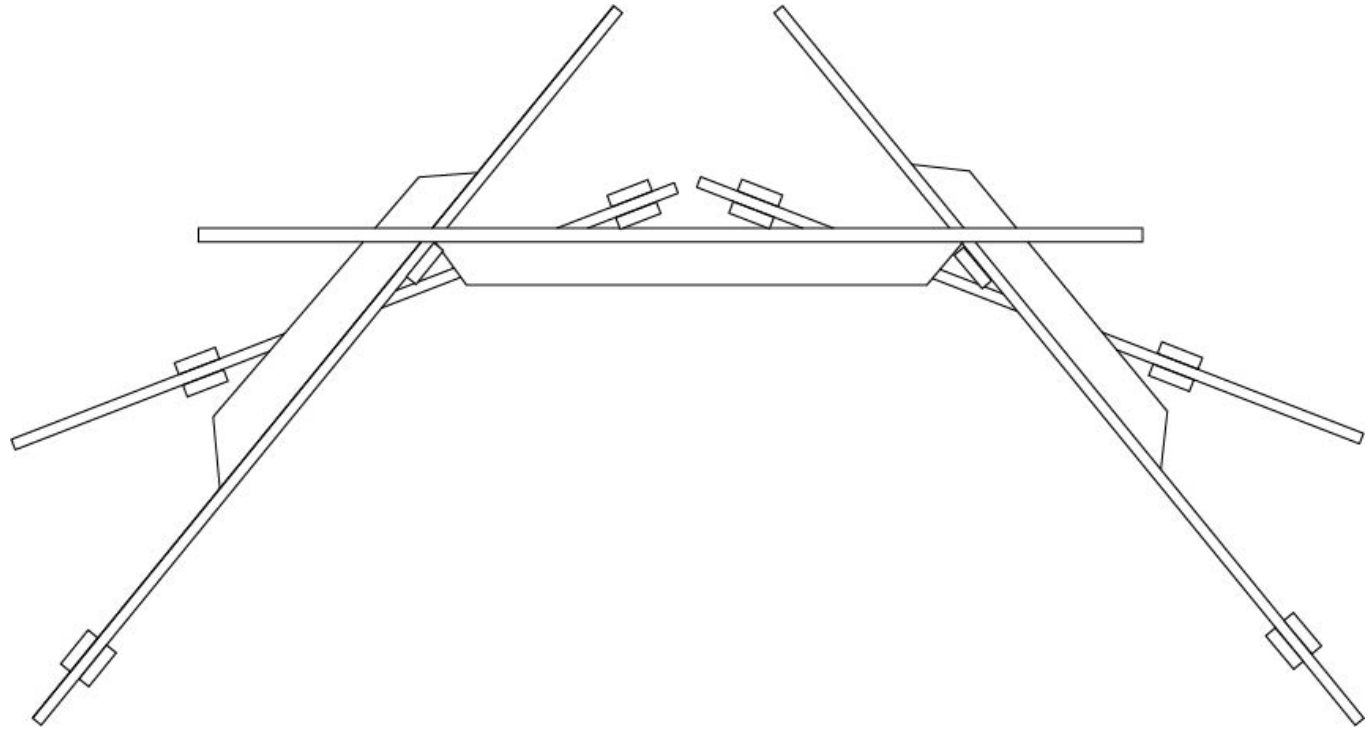
Use the four G pieces to secure Subassemblies A and B together. The pieces will help determine the angle for the pieces to sit together. One G piece may secure each of the four corners created by these assemblies.

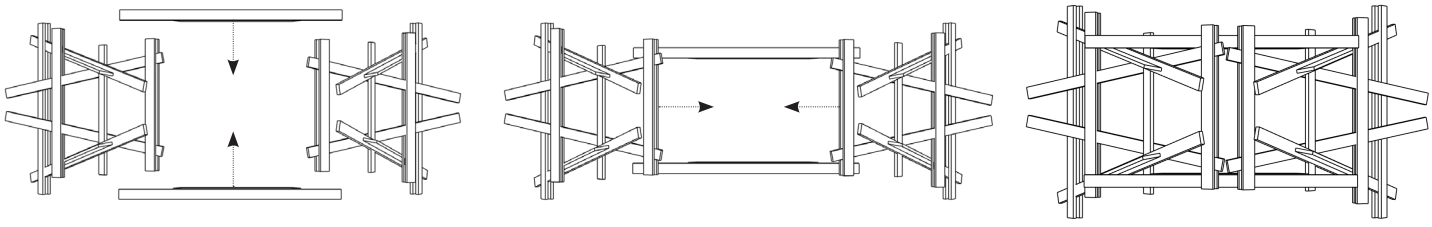


ASSEMBLY

STEP 5

With at least 2 people holding up each side, have someone slide remaining structure pieces in so they rest as shown below; every piece will work together to support each other, creating a fully structured bridge.



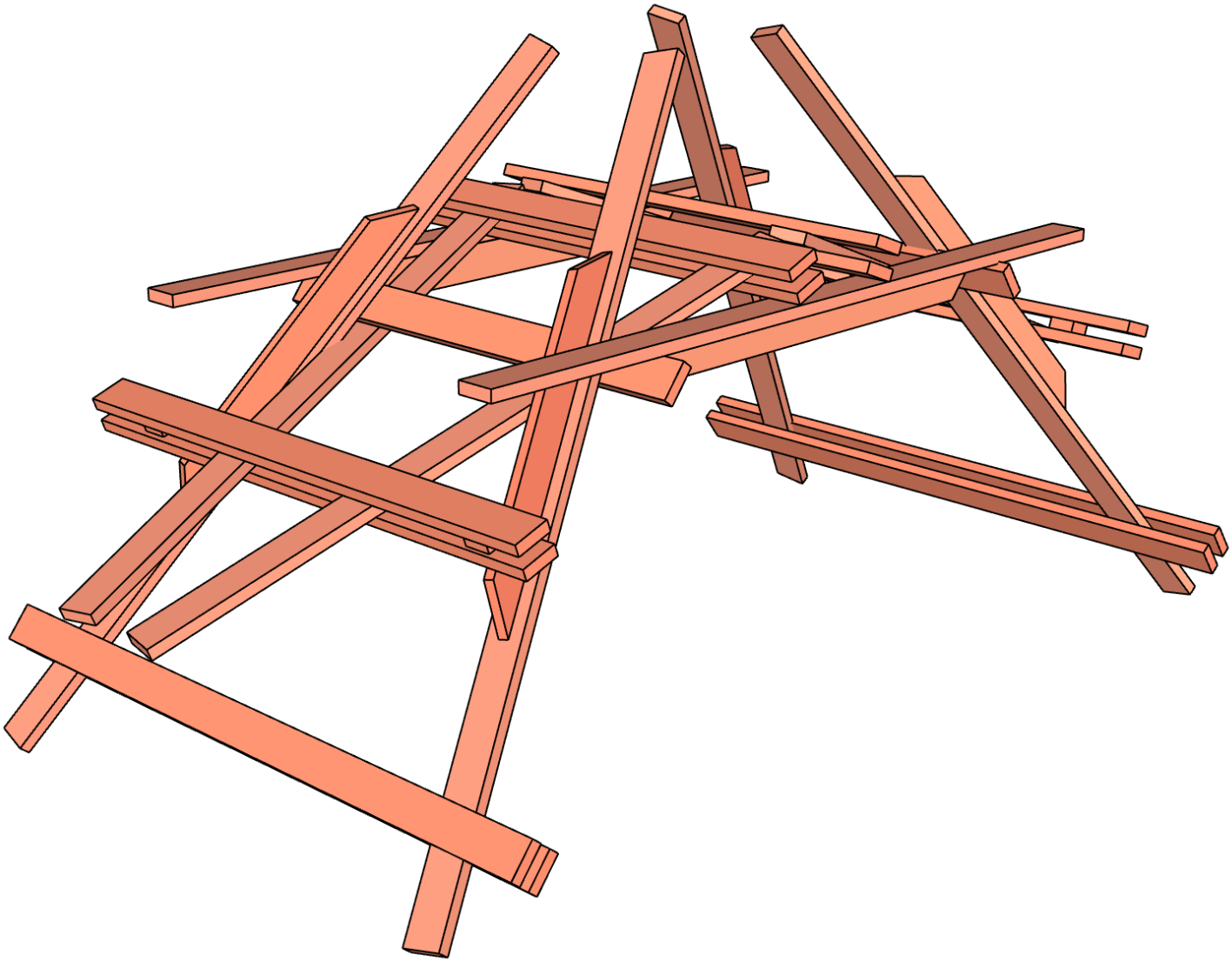


VIEW FROM ABOVE

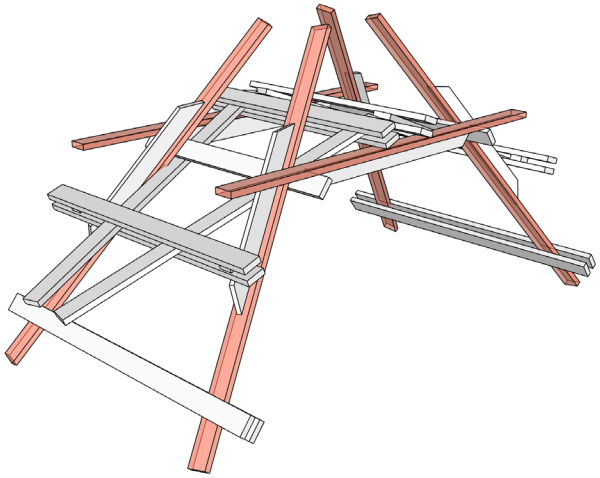
ASSEMBLY

STEP 6

Touch up paint on all wood used in assembly.

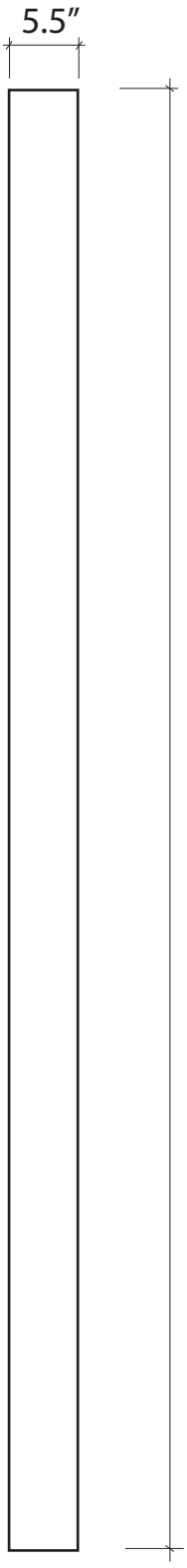


PIECE: A



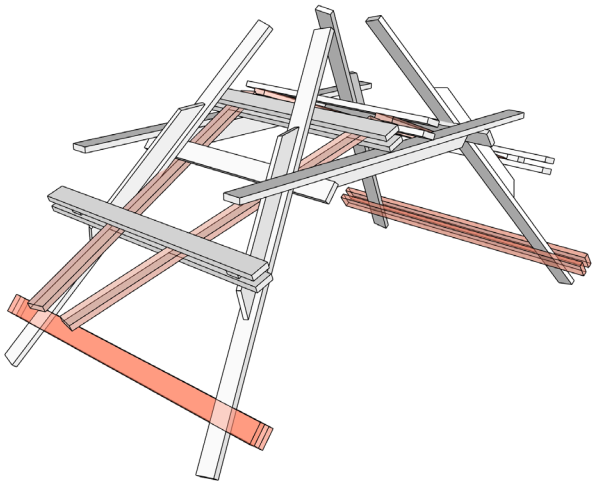
Use: Structure
Count: 6
Materials + Directions:
2x6 pressure treated lumber

1. Cut 6 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Subassemblies 1 and 3 for correct usage



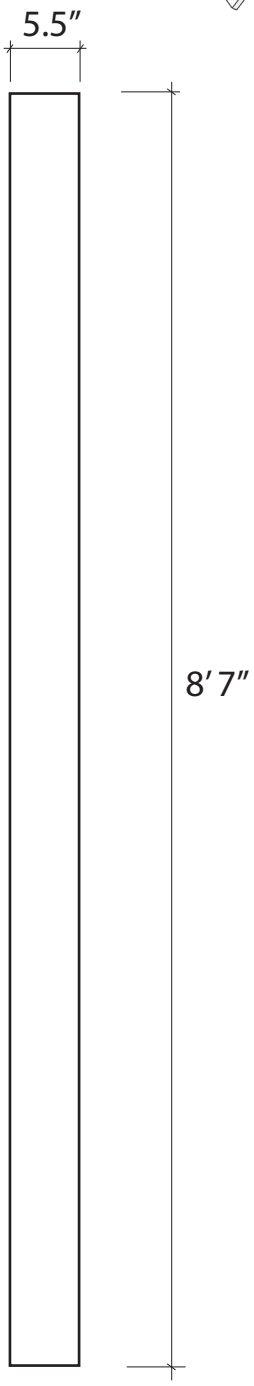
NOT TO SCALE

PIECE: B



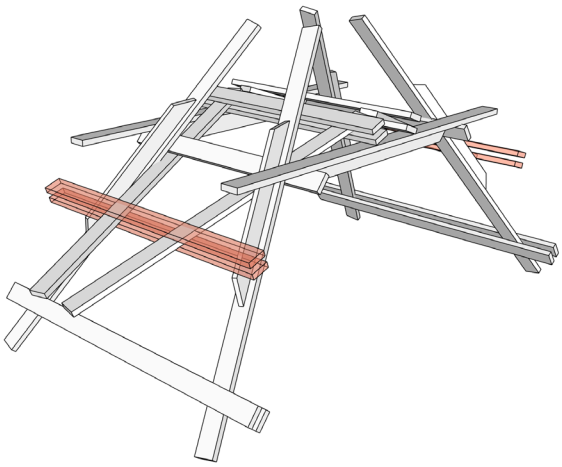
Use: Structure
Count: 8
Materials + Directions:
2x6 pressure treated lumber

1. Cut 8 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Subassemblies 1 and 2 for correct usage



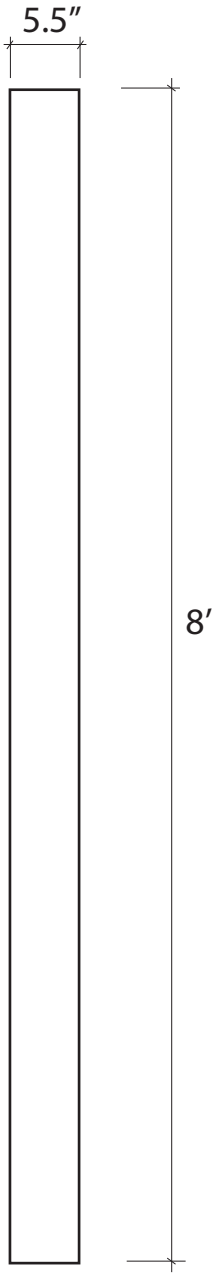
NOT TO SCALE

PIECE: C



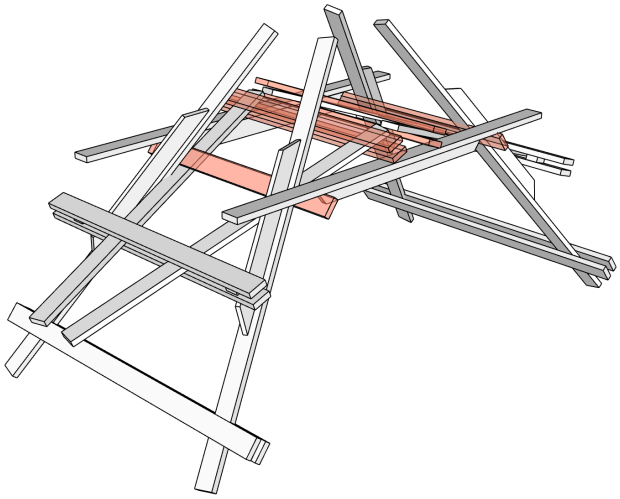
Use: Structure
Count: 4
Materials + Directions:
2x6 pressure treated lumber

1. Cut 4 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Subassembly 2 for correct usage



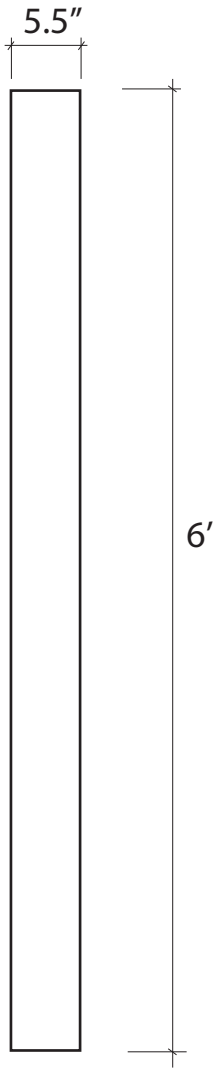
NOT TO SCALE

PIECE: D



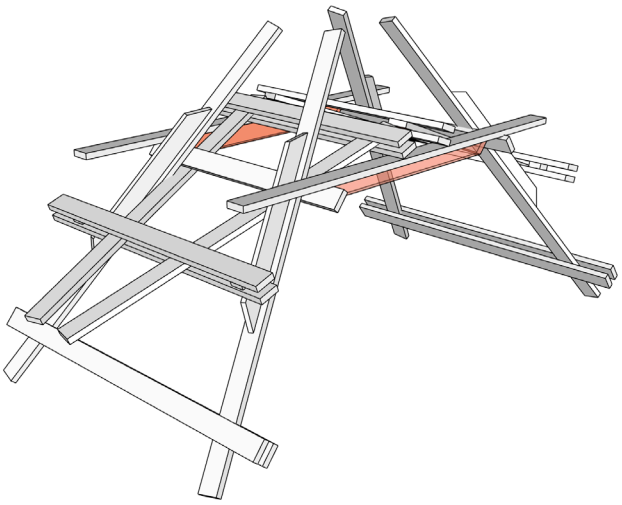
Use: Structure
Count: 6
Materials + Directions:
2x6 pressure treated lumber

1. Cut 6 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Subassemblies 1 and 2 for correct usage



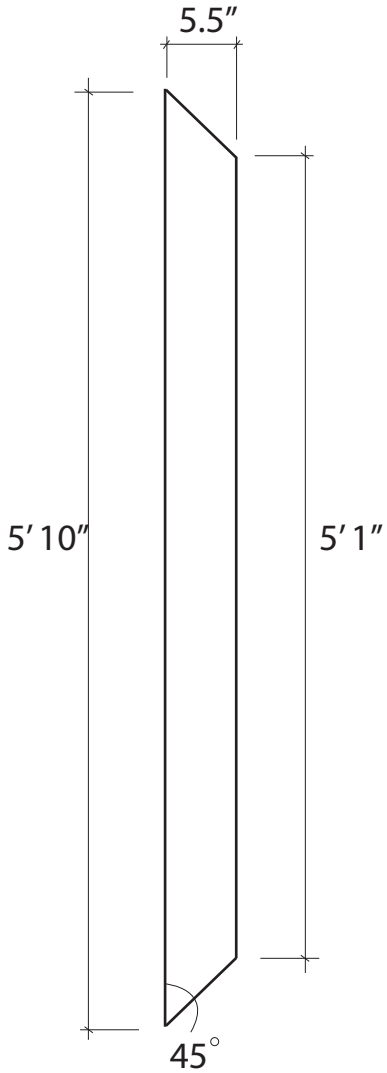
NOT TO SCALE

PIECE: E



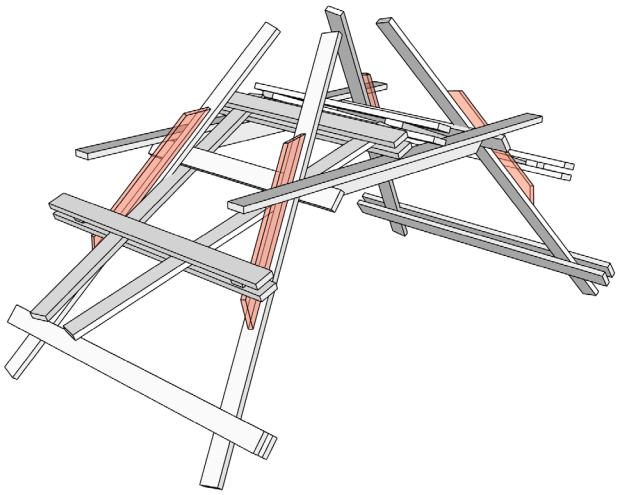
Use: Support
Count: 2
Materials + Directions:
2x6 pressure treated lumber

1. Cut 2 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Subassembly 3 for correct usage



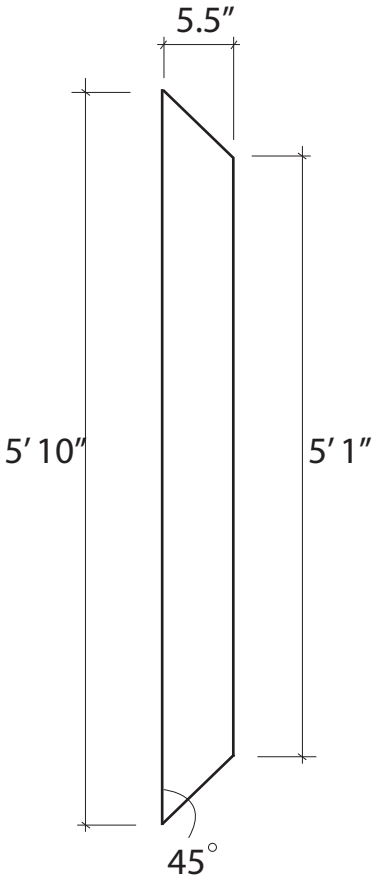
NOT TO SCALE

PIECE: F



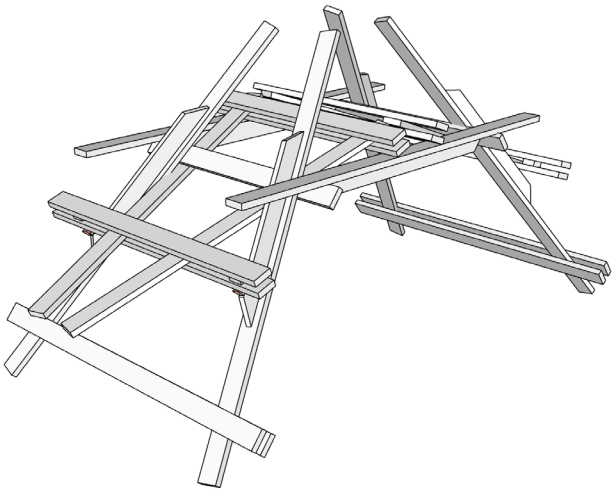
Use: Support
Count: 4
Materials + Directions:
2x6 pressure treated lumber

1. Cut 4 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Subassembly 1 for correct usage



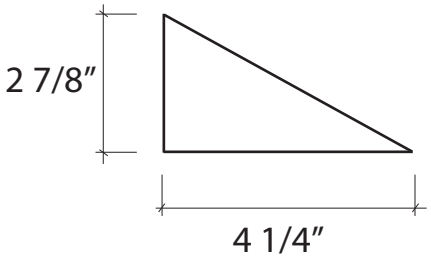
NOT TO SCALE

PIECE: G



Use: Support
Count: 4
Materials + Directions:
2x6 pressure treated lumber

1. Cut 4 identical pieces
2. Router edges
3. Paint finish pieces red
4. See Step 4 for correct usage



NOT TO SCALE

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SCHOOLOFARCHITECTURE

STUDIO Community + Build
PROFESSOR Dan Harding
YEAR Spring 2018
STUDENT Elizabeth Soyka