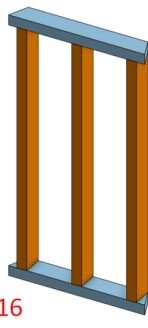
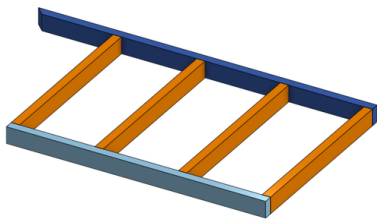
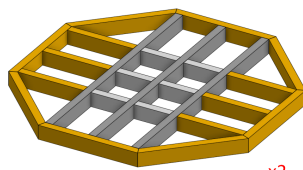
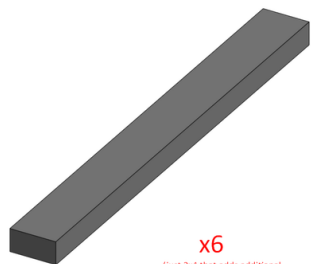
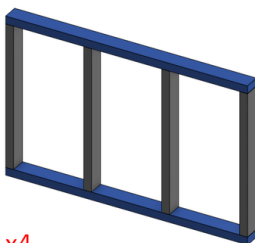
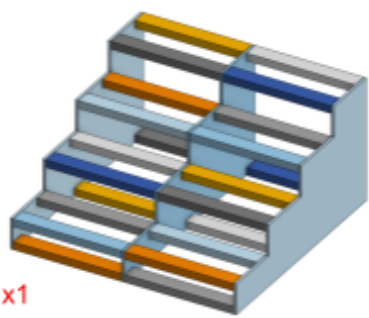
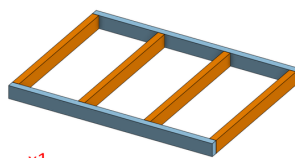
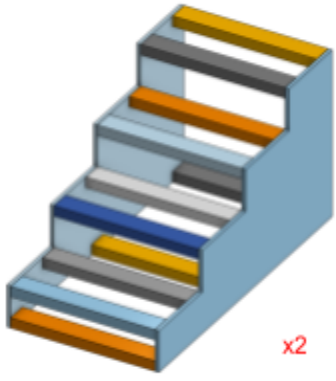
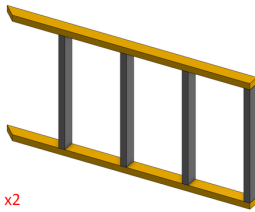


B&B Castle Build Plan

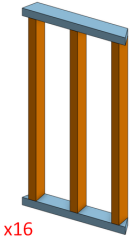
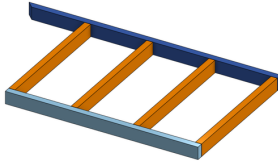
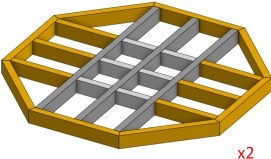
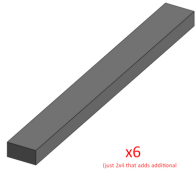
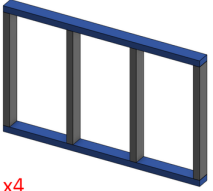
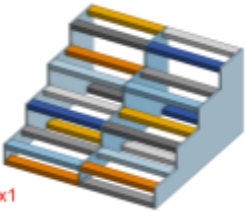
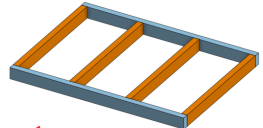
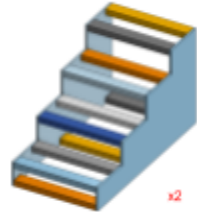
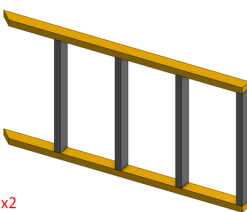
Assembly Checklist:

Check these off as you complete the construction of each subassembly.

☐  x16	☐  x2
☐  x2	☐  x6 (just 2x4 that adds additional support to the bottom of the center units)
☐  x4	☐  x1
☐  x1	☐  x2
☐  x2	

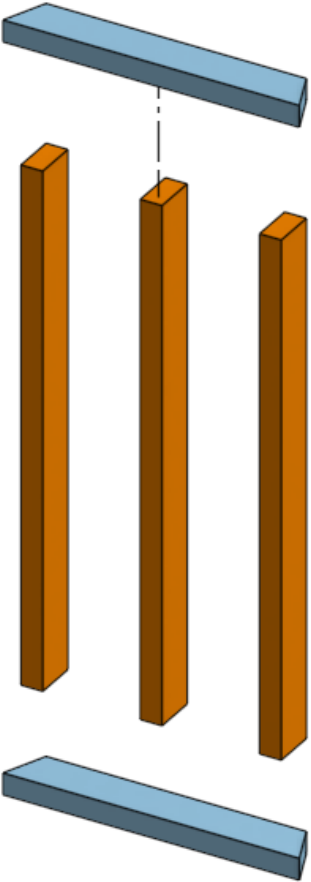
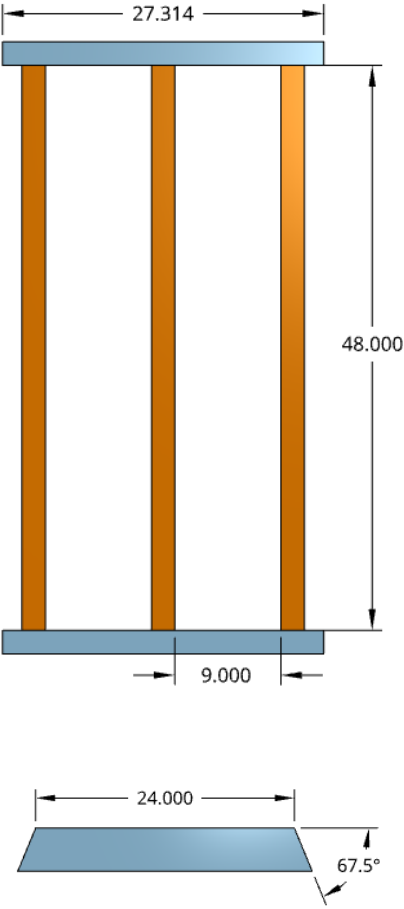
Subassembly Names:

These are the names of the subassembly framing, which will be referred to in the full castle assembly instructions.

Picture	Name	Quantity	Picture	Name	Quantity
	Pillar Support (Part A)	x16		Left and Right Unit Floor Joist (Part F)	x2
	Pillar Floor Joist (Part B)	x2		Center Unit Support (Part G)	x6
	Center Unit Front Panel (Part C)	x4		Front Stairs (Part H)	x1
	Center Unit Floor Joist (Part D)	x1		Rear Stairs (Part I)	x2
	Left and Right Unit Back (Part E)	x2			

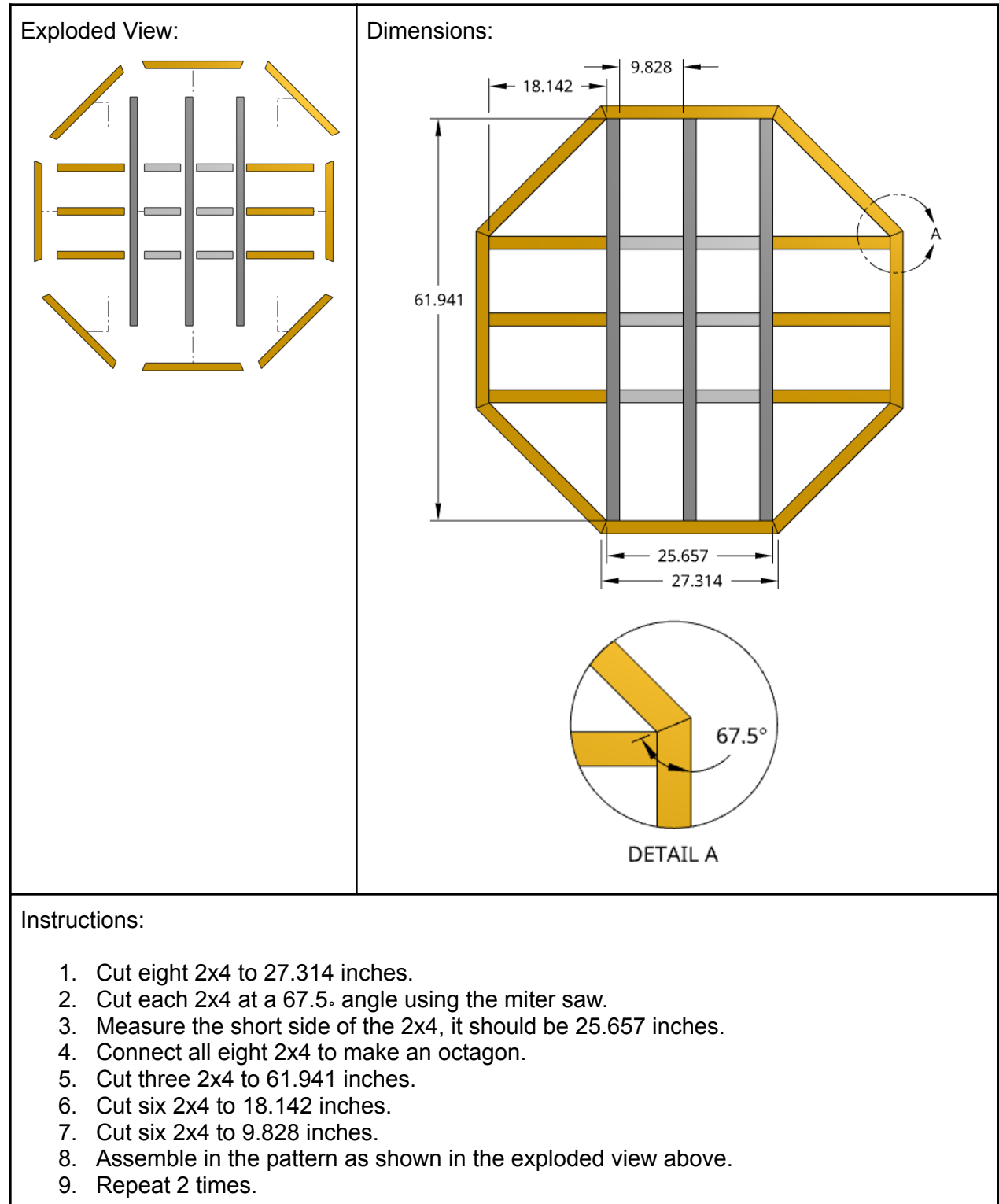
Pillar Support Dimensions: Part A

This section provides the dimensions of the pillar support and describes how to build it.

Exploded View: 	Dimensions: 	Instructions: 1. Cut three 2x4s to 48 inches. 2. Cut two 2x4s to 27.314 inches. 3. Cut the previous 2x4 at a 67.5° angle using the miter saw. 4. Measure the short side of the 2x4, it should be 24 inches. 5. Attach the vertical stud to the previous 2x4. Make sure that the edge of the stud sits flush with the short corner of the 2x4. 6. Repeat 16 times.
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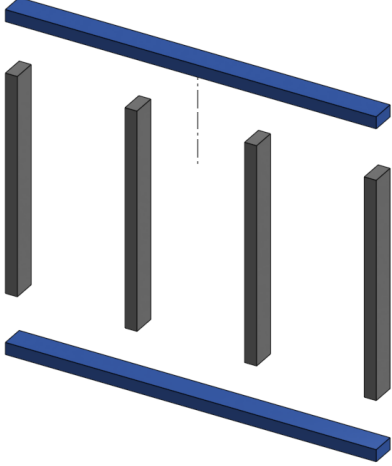
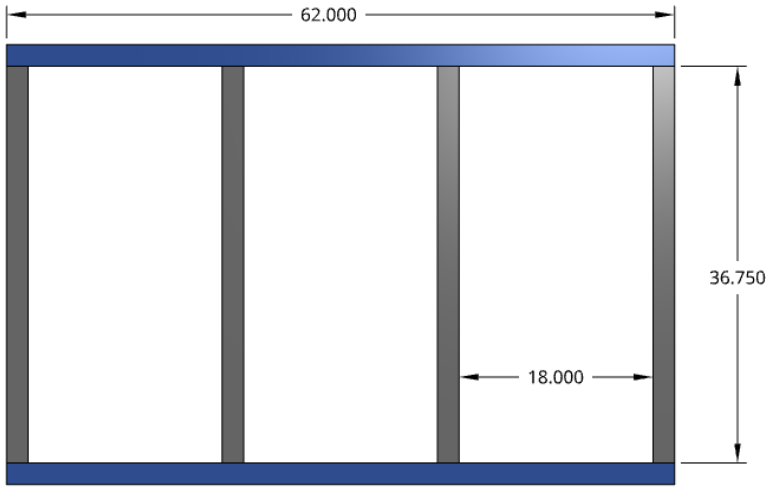
Pillar Floor Joist Dimensions: Part B

This section provides the dimensions of the pillar floor joist and describes how to build it.



Center Unit Front Panel Dimensions: Part C

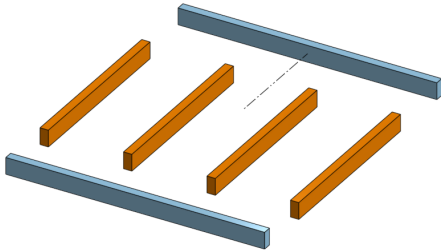
This section provides the dimensions of the center unit front panel and describes how to build it.

Exploded View: 	Dimensions: 
Instructions: 1. Cut two 2x4s to 62 inches. 2. Cut four 2x4s to 36.75 inches. 3. Attach the 2x4 as shown in the exploded view above and space out each stud 18 inches apart. 4. Repeat 4 times.	

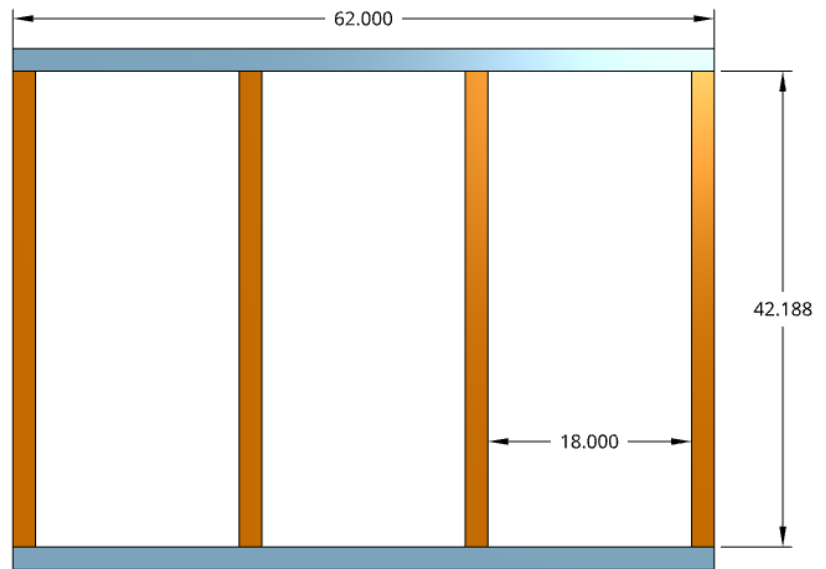
Center Unit Floor Joist Dimensions: Part D

This section provides the dimensions of the center unit floor joist and describes how to build it.

Exploded View:



Dimensions:

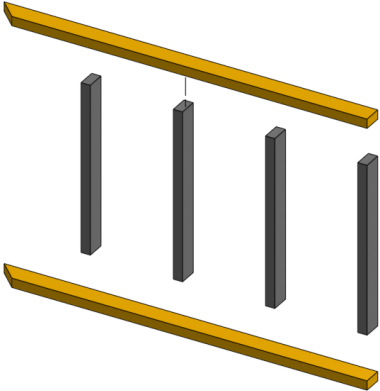
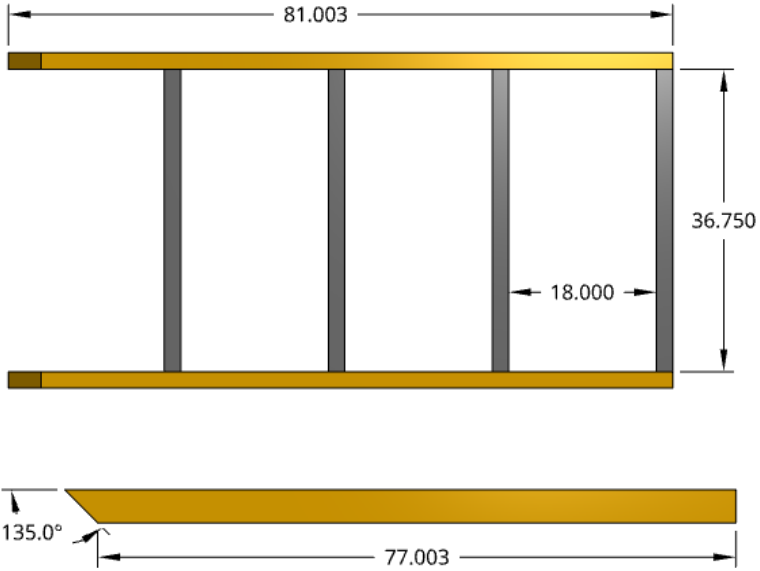


Instructions:

1. Cut two 2x4s to 62 inches.
2. Cut four 2x4s to 42.188 inches.
3. Attach the 2x4 as shown in the exploded view above and space out each stud 18 inches apart.

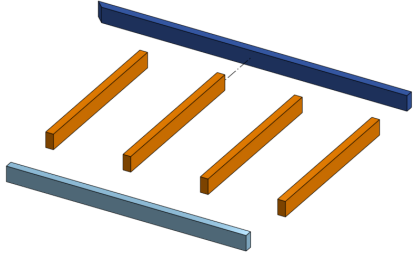
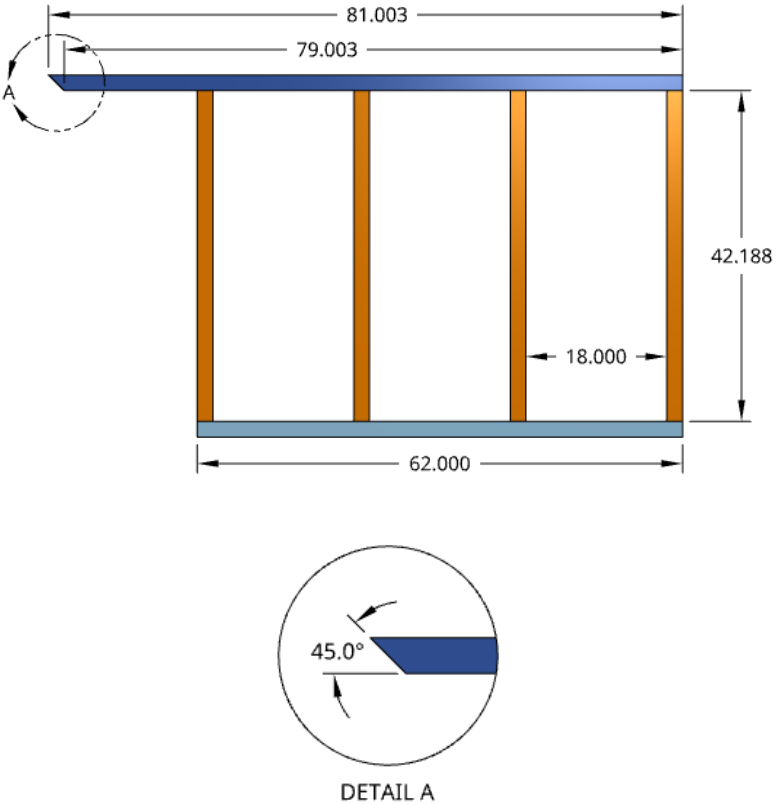
Left and Right Unit Back Dimensions: Part E

This section provides the dimensions of the left and right unit back and describes how to build it.

Exploded View: 	Dimensions: 
Instructions: 1. Cut two 2x4s to 81.03 inches. 2. Cut each 2x4 at a 135° angle using the miter saw. 3. Measure the short side of the 2x4, it should be 77.03 inches. 4. Cut four 2x4s to 36.75 inches. 5. Attach the 2x4 as shown in the exploded view above and space out each stud 18 inches apart. 6. Repeat 2 times.	

Left and Right Unit Floor Joist Dimensions: Part F

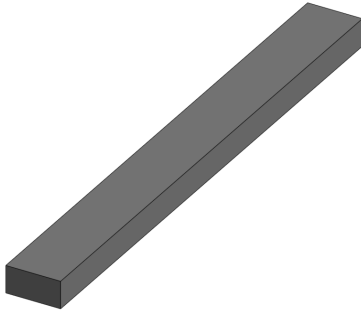
This section provides the dimensions of the left and right unit floor joist and describes how to build it.

Exploded View: 	Dimensions:  DETAIL A
Instructions: 1. Cut one 2x4 to 81.03 inches. 2. Cut the 2x4 at a 45° angle using the miter saw and cut wood vertically. 3. Measure the short side of the 2x4, it should be 79.003 inches. 4. Cut four 2x4s to 42.188 inches. 5. Cut one 2x4 to 62 inches. 6. Attach the 2x4 as shown in the exploded view above and space out each stud 18 inches apart. 7. Repeat 2 times.	

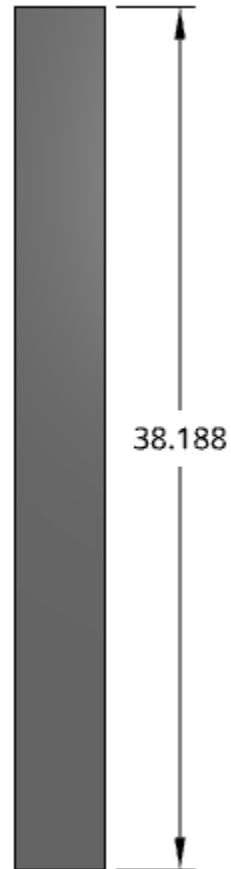
Center Unit Support Dimensions: Part G

This section provides the dimensions of the 2x4 supports at the bottom of the center units and describes how to build them.

Exploded View:



Dimensions:



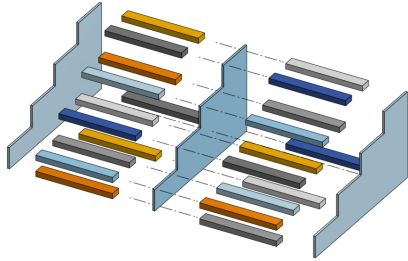
Instructions:

1. Cut one 2x4 to 38.19 inches using the miter saw.
2. Repeat 6 times.

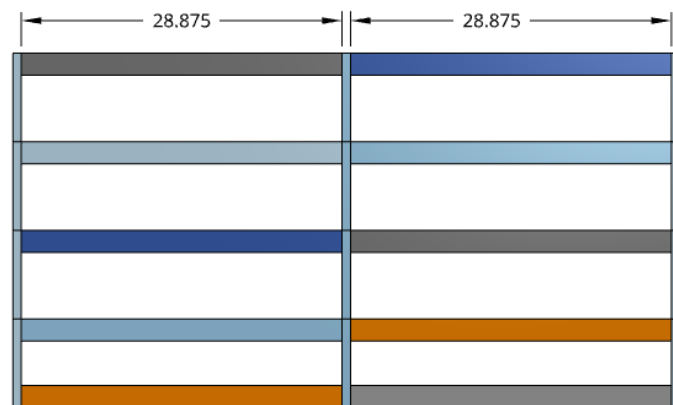
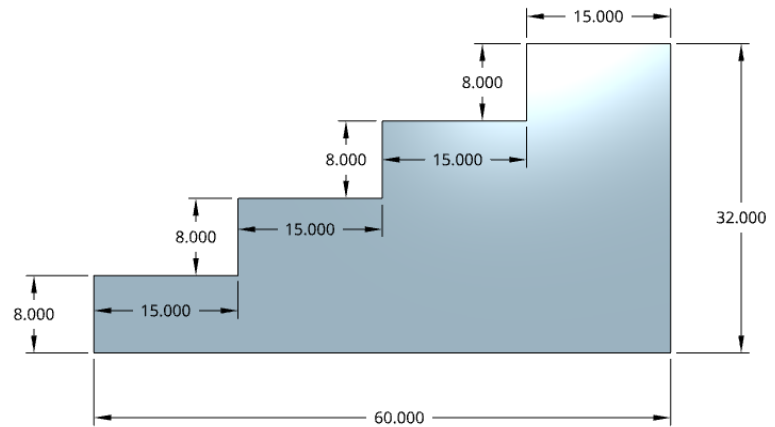
Front Stairs Dimensions: Part H

This section provides the dimensions of the front stairs and describes how to build them.

Exploded View:



Dimensions:



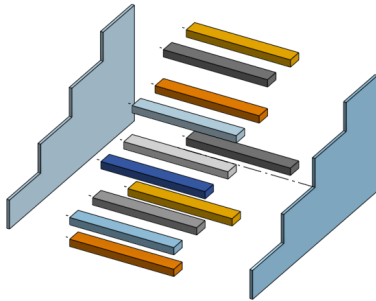
Instructions:

1. Cut twenty-two 2x4s to 28.875 inches using the miter saw.
2. Cut out a 60x32-inch sheet of plywood using the table saw.
3. Cut the 60x32-inch sheet of plywood following the stair stringer dimensions above with an 8-inch rise and 15-inch run using the circular saw.
4. Repeat steps 2-3 three times.
5. Attach the three stringers together using the 2x4s cut out in step 1. Place three of them on the bottom of each side, then place them at the front and back of each run.

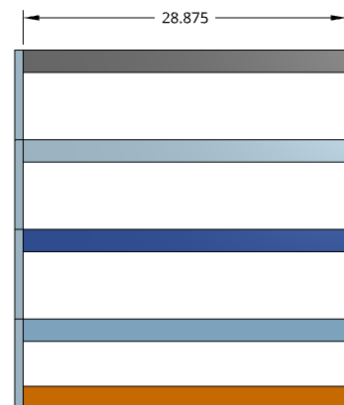
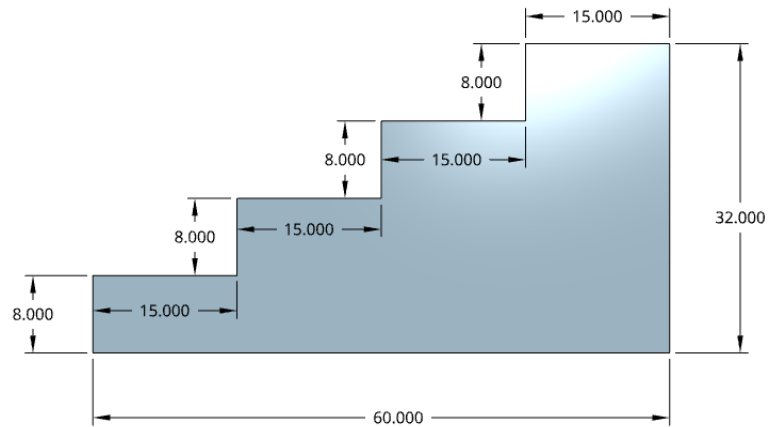
Rear Stairs Dimensions: Part I

This section provides the dimensions of the rear stairs and describes how to build them.

Exploded View:



Dimensions:

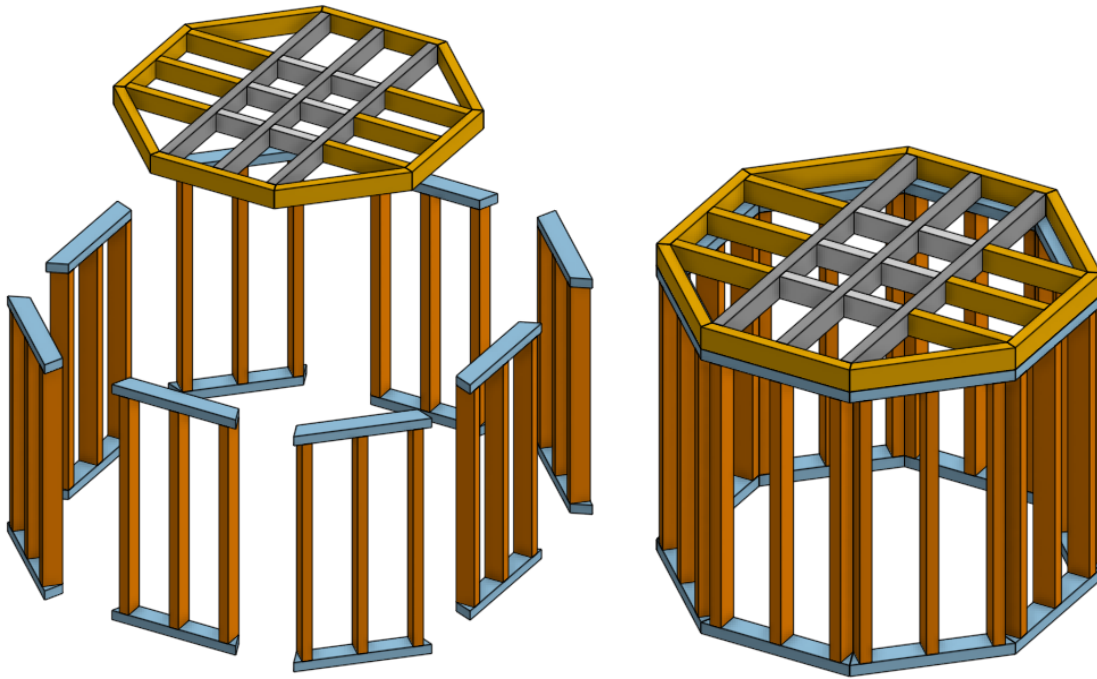


Instructions:

1. Cut eleven 2x4s to 28.875 inches using the miter saw.
2. Cut out a 60x32-inch sheet of plywood using the table saw.
3. Cut the 60x32-inch sheet of plywood following the stair stringer dimensions above with an 8-inch rise and 15-inch run using the circular saw.
4. Repeat steps 2-3 two times.
5. Attach the two stringers together using the 2x4s cut out in step 1. Place three of them on the bottom of each side, then place them at the front and back of each run.
6. Repeat 2 times.

Pillar Assembly: Uses Parts A and B

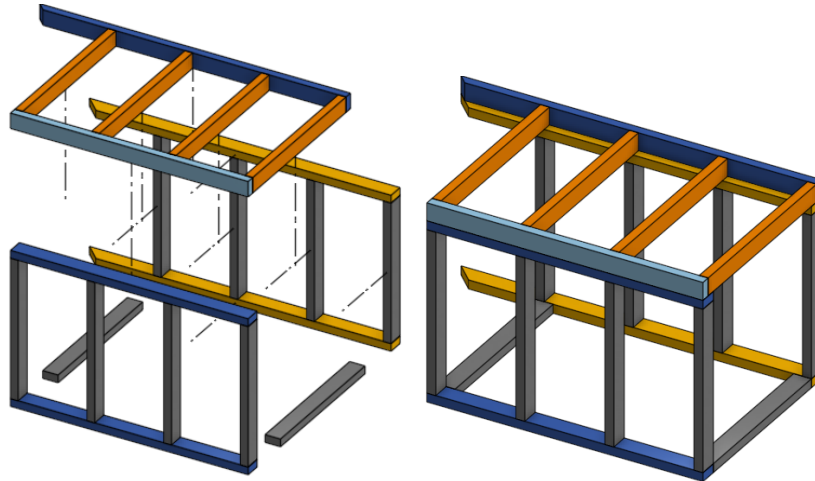
This section provides instructions on how to assemble the previous parts together to form the castle pillars.



1. Create an octagon using Part A.
2. Place Part B on top of the octagon formed.
3. Repeat 2 times to create both pillars.

Left Unit Assembly: Uses Parts C, E, F, G

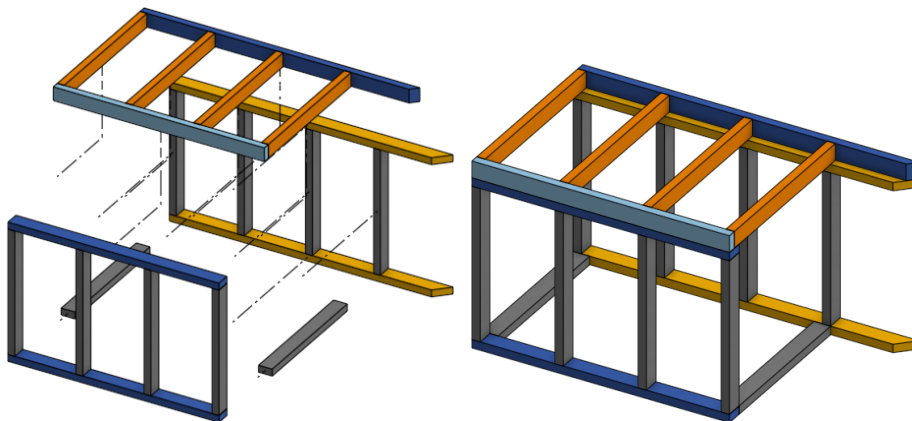
This section provides instructions on how to assemble the previous parts together to form the left unit of the castle.



1. Place Parts C and E parallel to one another and attach them using x2 Part G.
2. Place Part F on top of the rectangular prism.

Right Unit Assembly: Uses Parts C, E, F, G

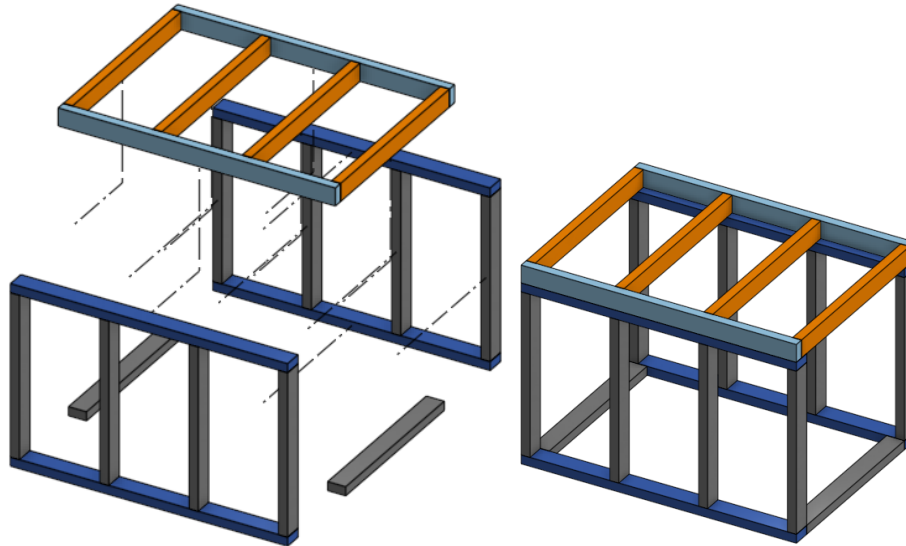
This section provides instructions on how to assemble the previous parts together to form the right unit of the castle.



1. Place Parts C and E parallel to one another and attach them using x2 Part G.
2. Place Part F on top of the rectangular prism.

Center Unit Assembly: Uses Parts C, D, G

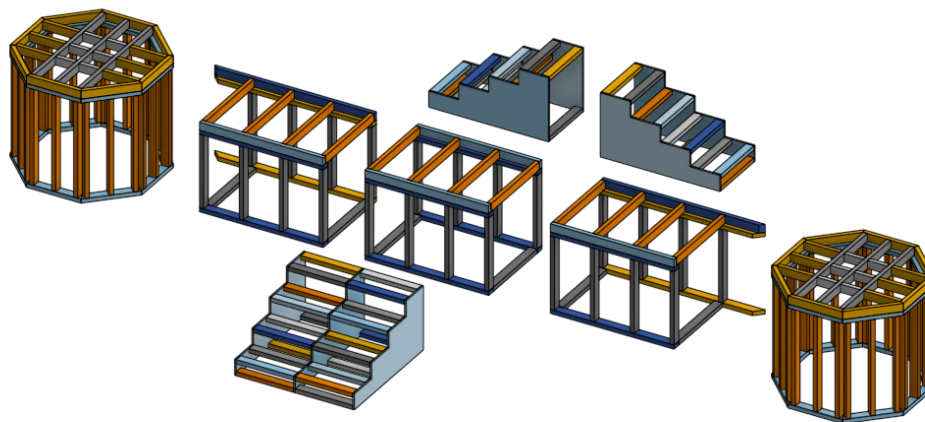
This section provides instructions on how to assemble the previous parts together to form the center unit of the castle.



1. Place x2 Part C parallel to one another and attach them using x2 Part G.
2. Place Part D on top of the rectangular prism.

Full Castle Assembly:

This section provides instructions on how to assemble the previous assemblies together to form the full castle.



1. Lay out the units as shown in the image above and connect them together.