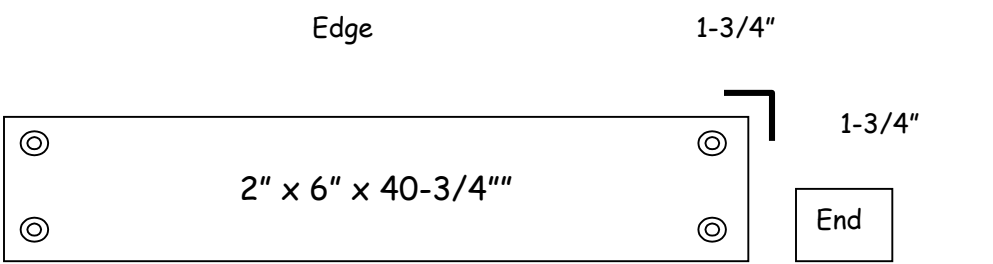
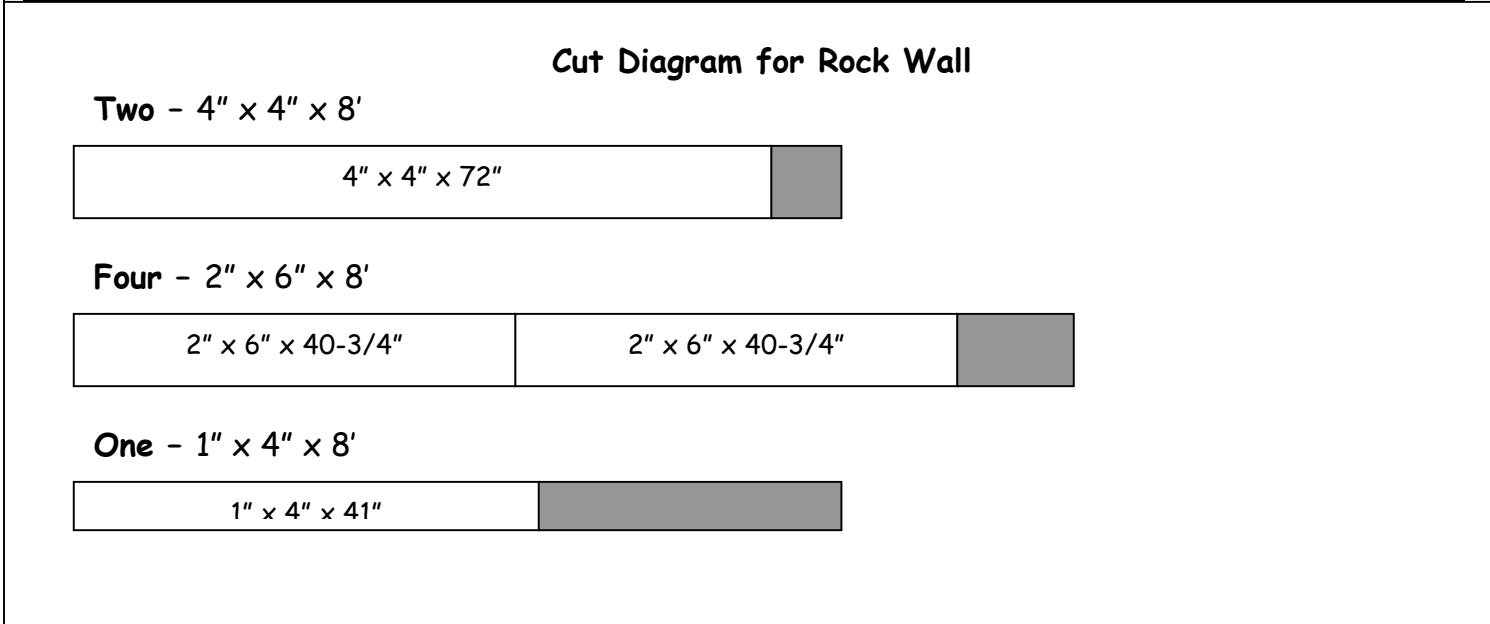
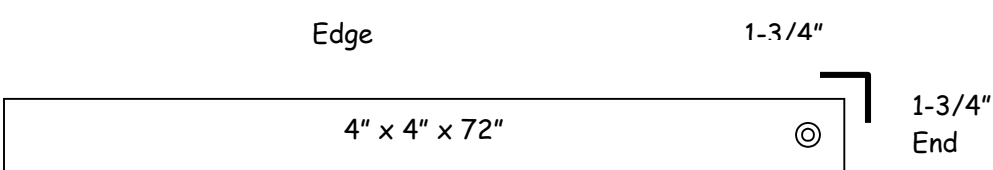


Wood List for Rock Wall		Cut List for Rock Wall	
2	4" x 4" x 8'	2	4" x 4" x 6'
4	2" x 6" x 8'	10	2" x 6" x 40-3/4"
1	1" x 4" x 8'	1	1" x 4" x 41"

Hardware List for Rock Wall						
Quantity	Part Number	Description		Quantity	Part Number	Description
2	512L	3/8" x 5-1/2" Lag Bolt		8	38T	3/8" Tee Nut
32	38L	3/8" x 3-1/2" Lag Bolt		8	38 CAP	3/8" x 2-1/2" Hex Head Bolt
34	38W	3/8" Flat Washer		24	158DS	1-5/8" Screw

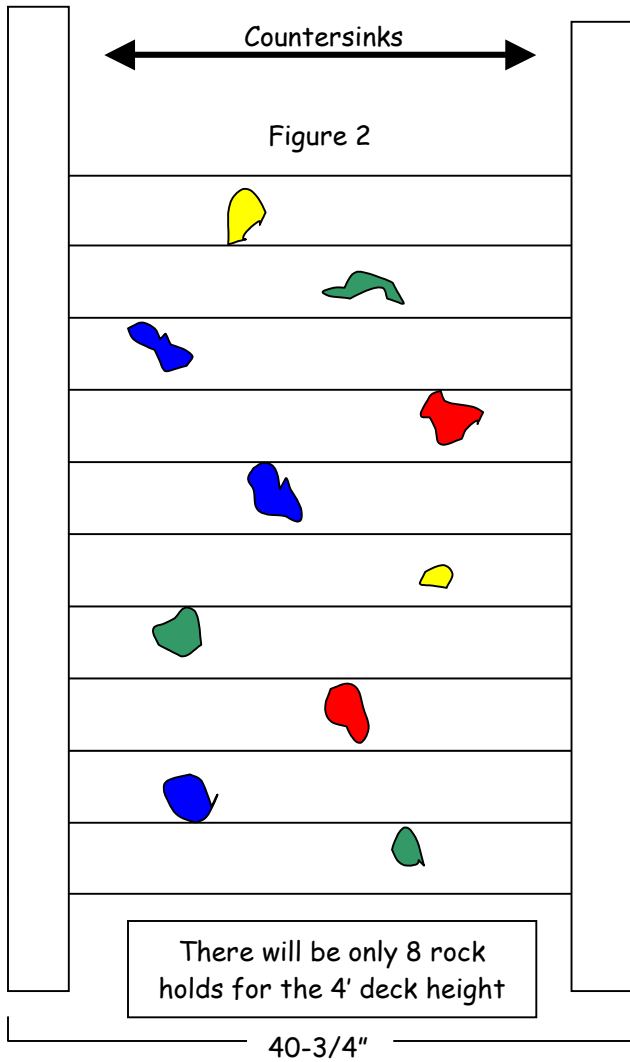
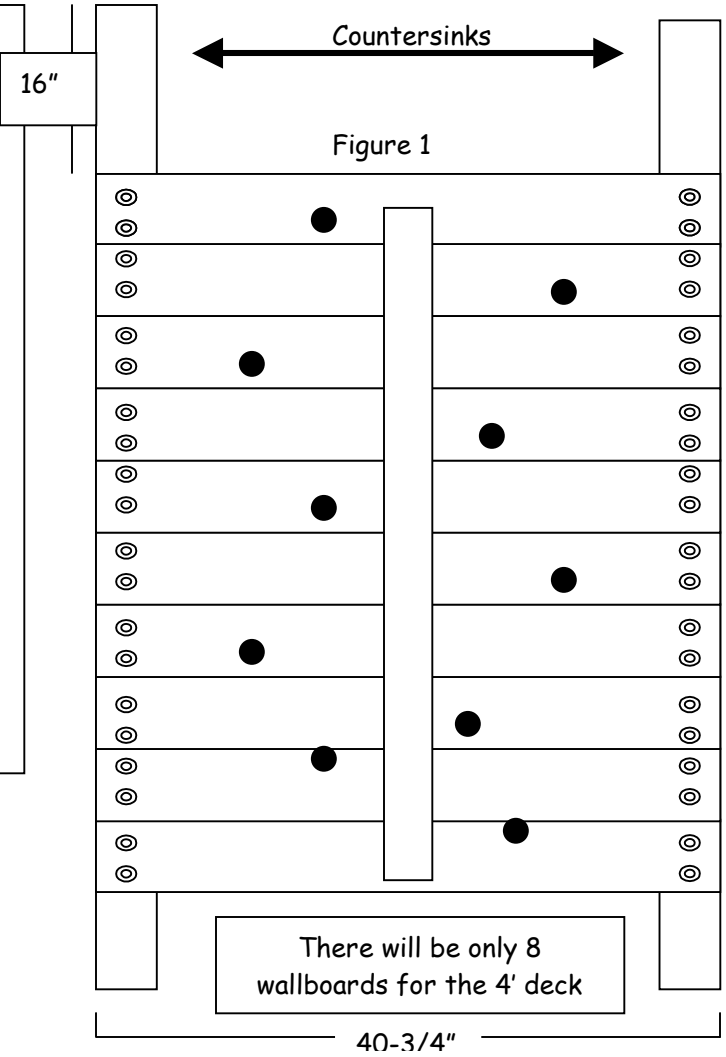


Drill two countersinks 1-3/4" from each end and 1-3/4" from each edge.



Drill one countersink 1-3/4" from both the end and edge.

1. Place two 4" x 4" x 72" rock wall uprights 40-3/4" apart outside to outside with countersinks facing in (*this is the top of the rock wall*).
2. Measure 16" down from top of uprights and mark.
3. Place top edge of one 2" x 6" x 40-3/4" wallboard at the 16" marks. Pre-drill 1/4" pilot holes through countersinks and attach using four 3/8" x 3-1/2" lag bolt with 3/8" flat washer (*see figure 1*).
4. Place next 2" x 6" x 40-3/4" wallboard under the previous one and align all edges and secure with four 3/8" x 3-1/2" lag bolts with 3/8" flat washers.
5. Repeat until all wallboards are installed.
6. Place 1" x 4" x 41" wallboard support in the center of wall and attach using sixteen 1-5/8" screws (two per board).
7. Randomly drill one 1/2" hole per 2" x 6" wallboard.
8. Place 3/8" tee nut into each hole and tap with a hammer until flush with wallboards.



9. Flip rock wall over so that the 4" x 4"s are on top of the wallboards (*see figure 2*).
10. Place 3/8" x 2-1/2" hex head bolt through the rock hold and place in 1/2" hole and tighten into 3/8" tee nut.
11. Repeat until all 8 rock holds are on the rock wall.
12. In the 2nd hole, a 1-5/8" screw will be used to secure to wallboard. *This is to prevent holds from turning.*
13. Remove bottom 2" x 4" safety rail support and all rail uprights from the back of the Endeavor fort. With the aid of a helper, place rock wall uprights in between two corner posts on the fort.
14. Carefully move bottom of rock wall away from fort until the top of the first wallboard is flush with the top of the middle fascia. *Note: the top wallboard may be an inch or two away from top of middle fascia.*
15. Once the countersinks are centered in the middle of the corner posts, secure uprights to corner posts with two 3/8" x 5-1/2" lag bolt with 3/8" flat washer.

Tip: Extra holes can be drilled so rock holds can be moved at a later time. Rock holds can be turned to increase or decrease difficulty level.

INCLINED ROCK WALL 4' DECK HEIGHT

A COMPLETE GUIDE FOR ASSEMBLY AND INSTALLATION



**WRITTEN AND DESIGNED BY JACK S. BOWSER
INCLINED ROCK WALL**

**SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE
COPYRIGHT 2001-2004 JACK BOWSER
WWW.JACKSBACKYARD.COM
ALL RIGHTS RESERVED**