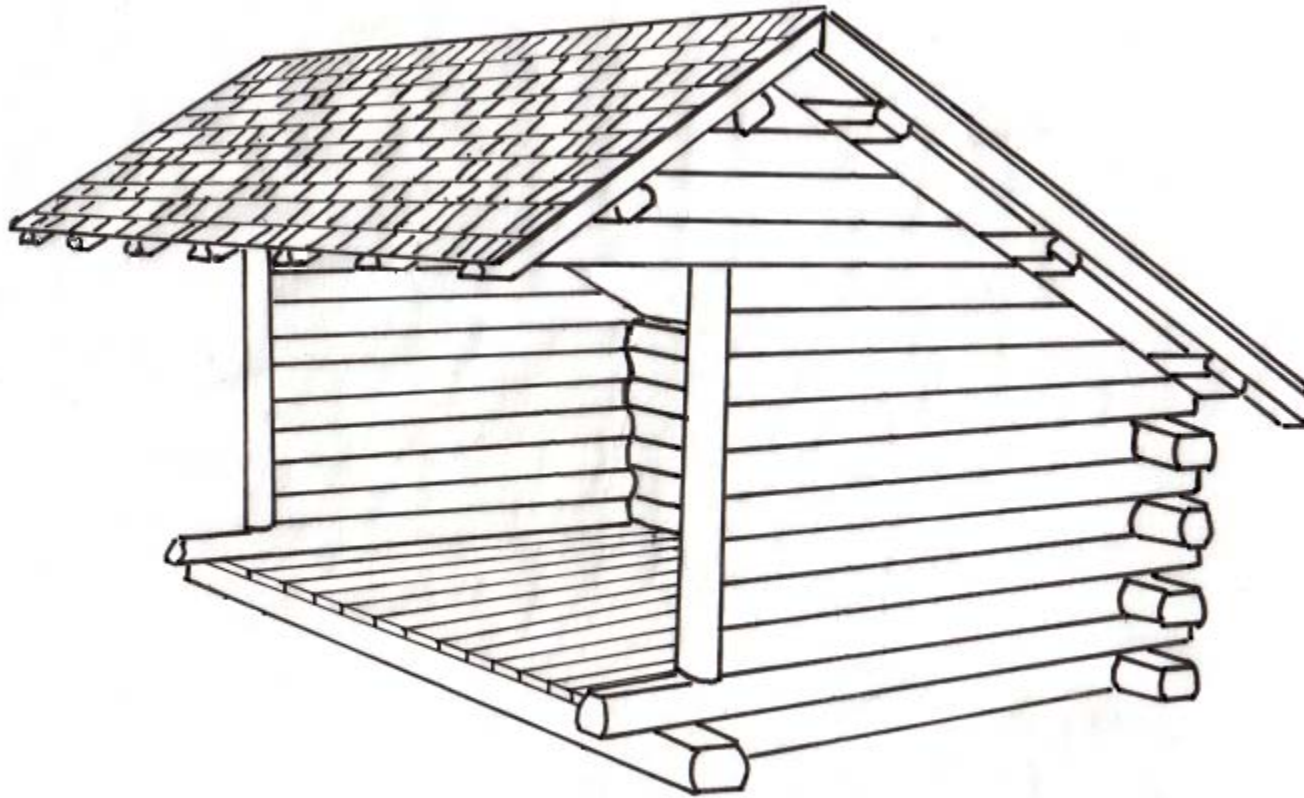


## ADIRONDACK LEAN-TO PLANS

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This lean-to design was created using dimensions from the New York State Department of Environmental plans that were commonly used by the Civilian Conservation Corps in the 1930s and is still used by the state today. Thank you to Keith Gorgas and Cynthia Gorgas for their contributions. Please feel free to use these plans under one condition: If you discover an improvement, you let me know so I can continue to better this design. We would love any pictures of completed lean-tos.

## ADIRONDACK LEAN-TO PLANS

### Materials List

Quantity	Description	Use
16	Bags of Gravel Mix	Fill Chimney Blocks
4	8"x8" Chimney Blocks	Foundation
4	4x6x12 PT	Floor Joists
6	4x6 Joist Hangers	
	2x6x8 Rough Sawn Hemlock, Planed One	
23	Side	Flooring
20	1x10x16	Roof Sheathing
1.5	Roles of Ice and Water Shield	Roof Underlayment
6	Pieces of 10' Drip edge	
	Bundles of Cedar Earthtone Architectural Shingles	
1	Bucket of 8" Timberlocks	Fastening Walls Together
0.25	Bucket of 6" Timberlocks	Fastening Rafters to Perlins
	6" Cabin Logs, Squared Off On Three Sides,	
2	8" Wide x 8' Long	Bottom Course of Side Walls
		Front Log, Long Logs on
5	6" Cabin Logs x 16'	Rear Wall
5	6" Cabin Logs x 12'	Walls
8	6" Cabin Logs x 10'	Walls
16	6" Cabin Logs x 8'	Walls
5	4" Cabin Logs x 16'	Perlins
7	4" Cabin Logs x 10'	Rafters
7	4" Cabin Logs x 6'	Rafters
	To add a foot of clearance in the front of the lean-to, add:	
1	6" Cabin Log x 16'	Back Wall
1	6" Cabin Log x 12'	Back Wall
2	6" Cabin Logs x 10'	Side Walls
2	6" Cabin Logs x 8'	Side Walls

~The six inch cabin logs should be sawn out of logs that are 7"-8" on the small end.

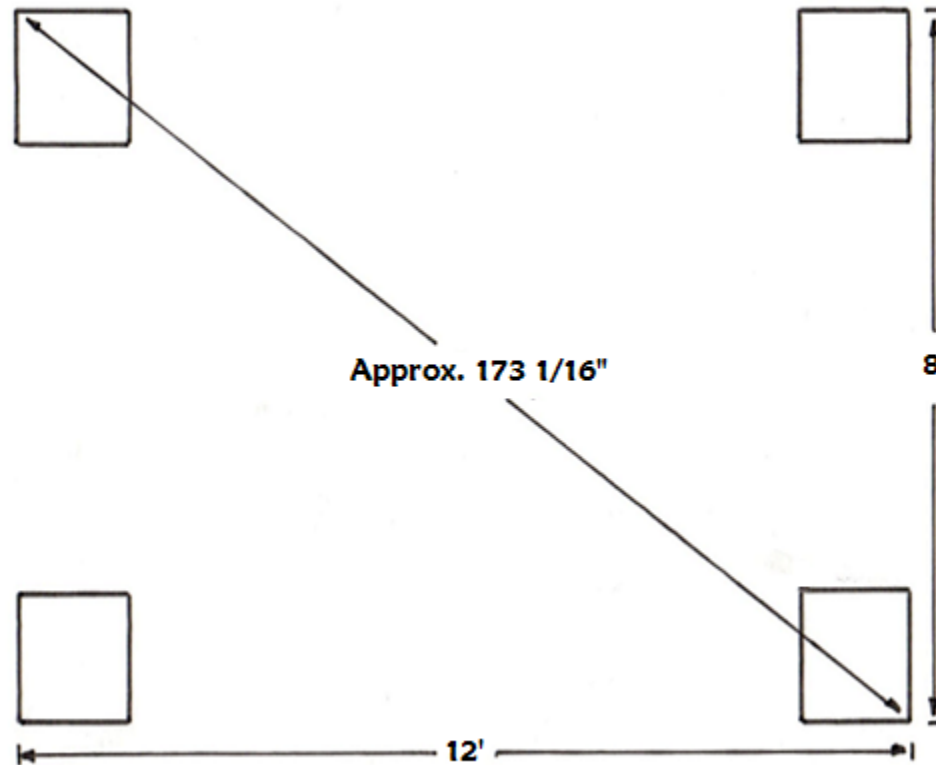
~The four inch cabin logs should be sawn out of logs that are 5"-6" on the small end.

~Mill and Hammer will gladly provide you with the materials needed to build this lean-to, or you should be able to have any local sawmill cut them for you.

# ADIRONDACK LEAN-TO PLANS

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## Foundation Block Layout

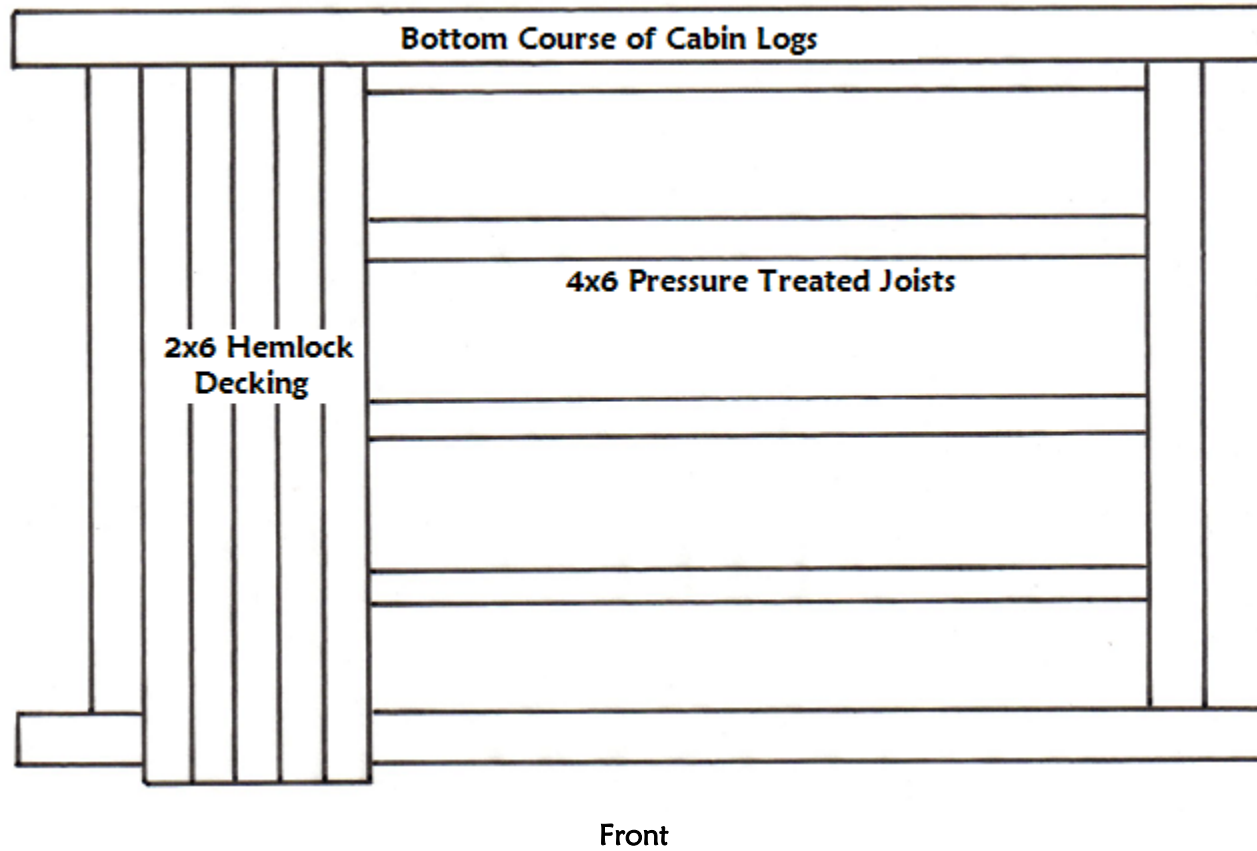


- ~Layout the four chimney blocks level, and in the same plane, in an 8'x12' rectangle. Check the diagonals to make sure it is square.
- ~Dig a three to four foot hole in the center of each block and fill with concrete.
- ~To add a finishing touch, mortar baseball sized rocks to the chimney blocks.

# ADIRONDACK LEAN-TO PLANS

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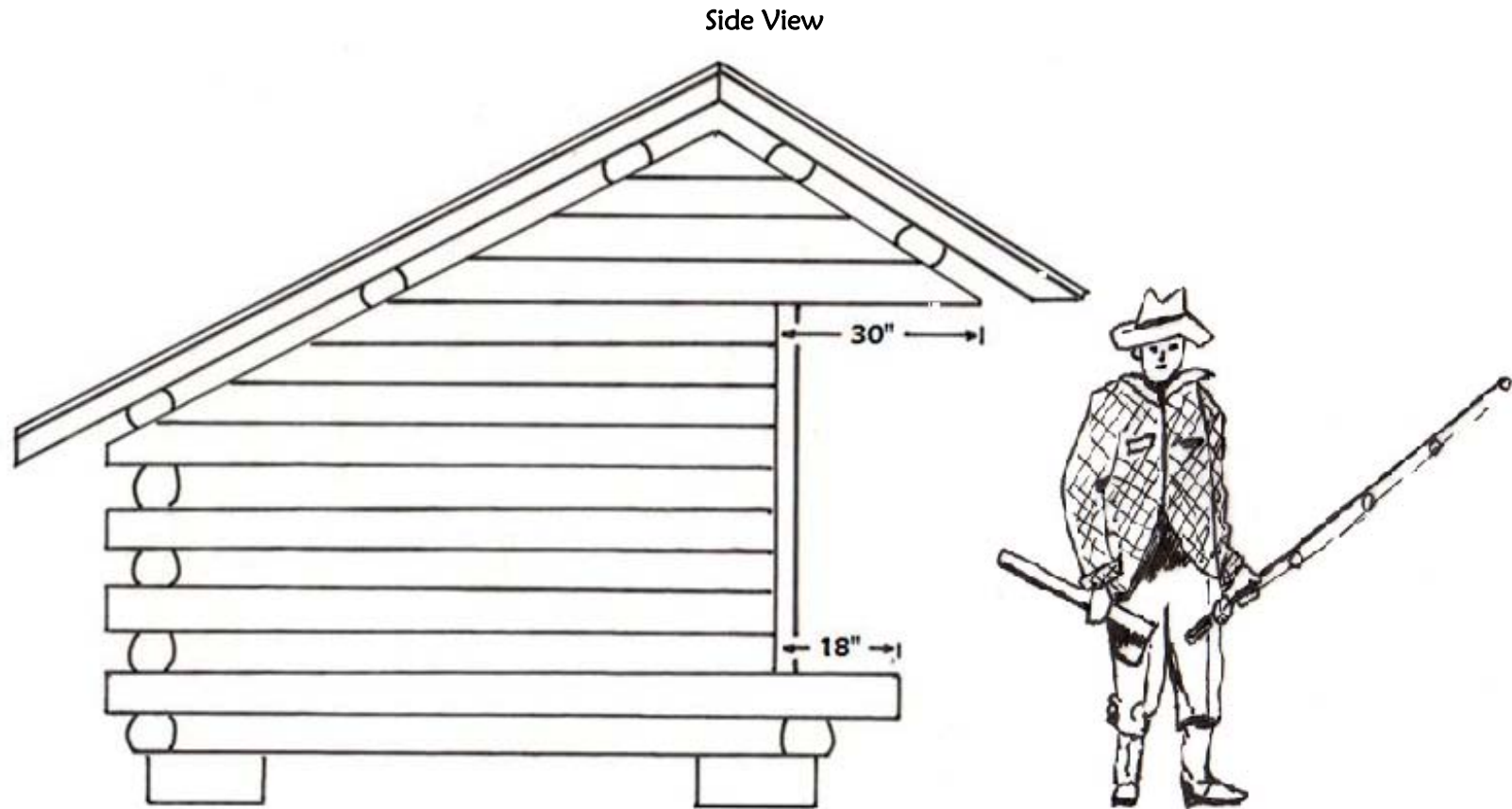
## Floor Joist and Flooring



- ~Rough sawn 2x6 hemlock flooring, planed on one side hangs over front log an inch or two.
- ~Note: Flooring can not be installed until the second row of logs is in place.

## ADIRONDACK LEAN-TO PLANS

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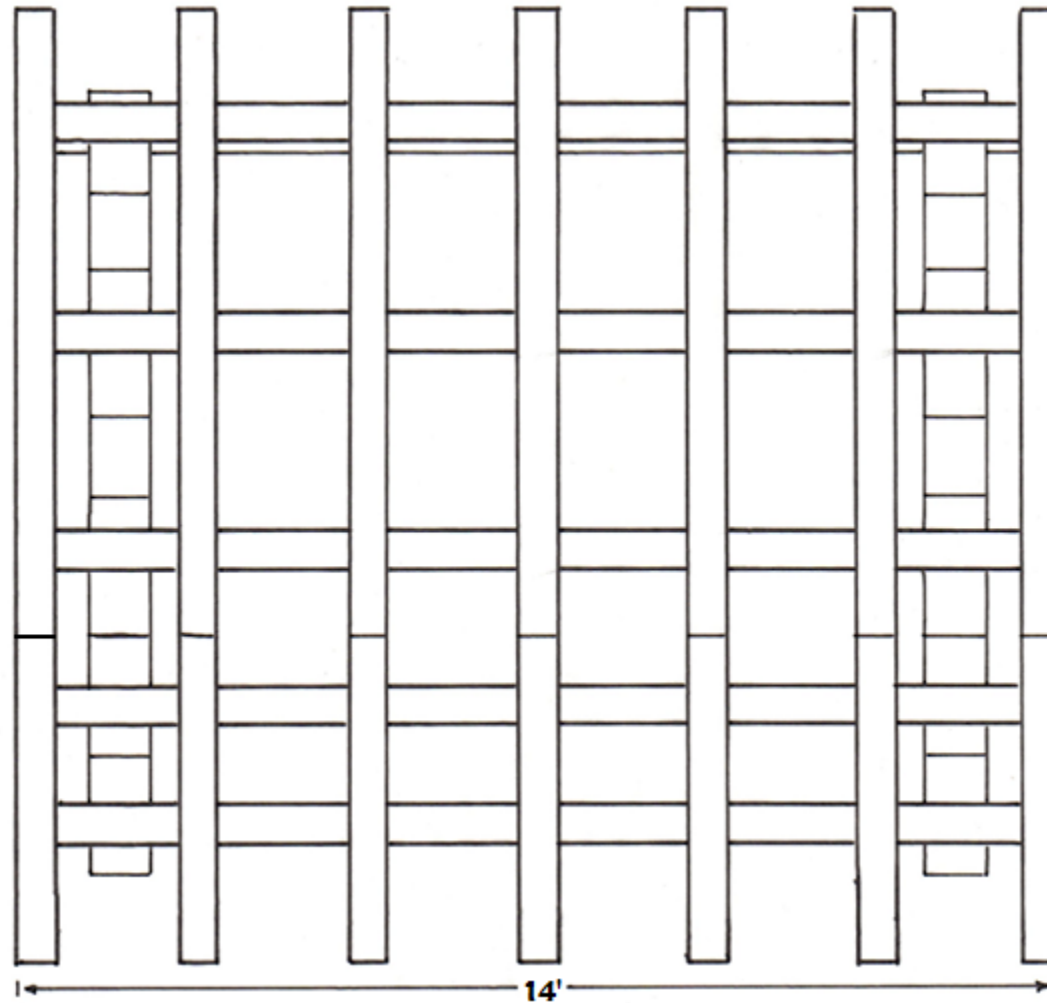


- ~This design creates a six foot clearance in the front of the lean-to. To add a foot of clearance, add two rows to the back and side walls.
- ~The bottom course should not overhang the blocks more than one inch.
- ~The vertical cut is made six inches back from the front of the front chimney blocks.
- ~Use an eight inch half log to cap the ends of the vertical cut.
- ~Use half of one of the twelve foot logs for the 13<sup>th</sup> row. The 14<sup>th</sup> and 15<sup>th</sup> rows are both made from one eight foot log.
- ~The peak of the roof is eight inches deeper into the lean-to from the vertical cut.

# ADIRONDACK LEAN-TO PLANS

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Perlin and Rafter Layout



Front

~Rafters should be spaced evenly. About twenty three inches from center to center.

~Roof sheathing should overhang outside rafters by at least two inches.

## ADIRONDACK LEAN-TO PLANS

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And this is what you should have:

