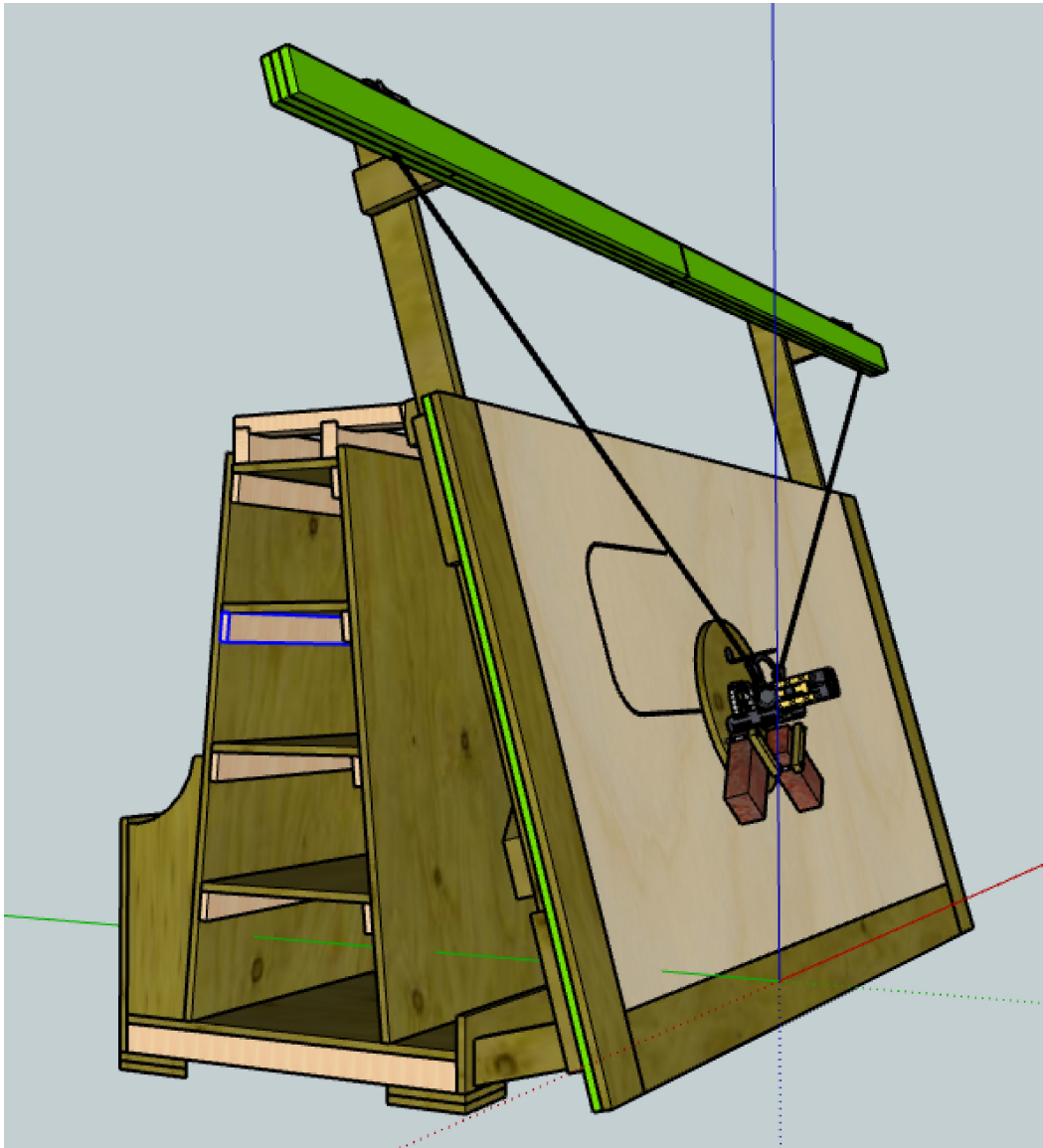


Project Cover Page

Project Name			
Maslow Frame on Sheet Goods Cart			
Primary Material		Secondary Material	
Type	Sheet Good	Type	Dimensioned Lumber
Name	Shop Plywood	Name	2 x 4
Project default banding material			
Primary	Not Specified	Secondary	Not Specified
B.O.M. Rounding Method		Layout Diagram Settings	
Round up costs to the next whole board or sheet		Layouts are drawn to scale	
Optimization Settings			
Primary Objective		Minimize Waste. Use inventory first.	
CutList Plus Platinum Edition (fx 12.1.1)			
Notes			
This project is a combination of a sheets good cart from a woodworking magazine and the maslow forums frame design with a bit of my additions.			



Maslow Frame on Sheet Goods Cart

Parts List

Part #	Sub-Assembly	Description	Copies	Thick	Width	Length	Material Type	Material Name	Bandin g	<Info>	Diagram #s
26	Maslow Frame	Top Beam 6' #2	2	3/4"	3 1/2"	24"	Sheet Good	Shop Plywood	None		A2
9	Sheet Goods Cart	Shelf Brace	8	3/4"	2 1/2"	96"	Dimensioned Lumber	Pine	N/A		B3
2	Maslow Frame	Stretcher (J)	2	1 1/2"	3"	96"	Dimensioned Lumber	Pine	N/A		C6
3	Maslow Frame	Support Arm (K)	4	1 1/2"	3 1/2"	16 1/2"	Dimensioned Lumber	Pine	N/A		C2
14	Maslow Frame	Vertical Frame	2	1 1/2"	3 1/2"	77 1/2"	Dimensioned Lumber	Pine	N/A		C1, C3
15	Maslow Frame	Frame support	2	1 1/2"	3 1/2"	3 1/2"	Dimensioned Lumber	Pine	N/A		C2
17	Maslow Frame	Angle Brace	2	1 1/2"	3 1/2"	42 25/64"	Dimensioned Lumber	Pine	N/A		C2, C7
18	Maslow Frame	Top Rail support #1	4	1 1/2"	3 1/2"	12"	Dimensioned Lumber	Pine	N/A		C1, C3
20	Maslow Frame	Horizontal Frame	2	1 1/2"	3 1/2"	93"	Dimensioned Lumber	Pine	N/A		C4, C8
23	Maslow Frame	Top Rail support	2	1 1/2"	3 1/2"	7"	Dimensioned Lumber	Pine	N/A		C3
24	Maslow Frame	Verticle Center Brace	2	1 1/2"	3 1/2"	34"	Dimensioned Lumber	Pine	N/A		C5, C7
27	Maslow Frame	Bottom Brace	2	1 1/2"	3 1/2"	13 1/4"	Dimensioned Lumber	Pine	N/A		C3, C7
28	Maslow Frame	Bottom Brace #1	2	1 1/2"	3 1/2"	13 1/4"	Dimensioned Lumber	Pine	N/A		C4
30	Maslow Frame	Horizontal Frame #1	1	1 1/2"	3 1/2"	96"	Dimensioned Lumber	Pine	N/A		C9
4	Sheet Goods Cart	Rail (A)	5	3/4"	2 1/2"	32"	Dimensioned Lumber	Pine	N/A		B1, B2
16	Maslow Frame	Top Beam 6' #3	1	3/4"	6"	96"	Sheet Good	Shop Plywood	None		A2
19	Maslow Frame	Top Beam 6'	4	3/4"	3 1/2"	72"	Sheet Good	Shop Plywood	None		A1
21	Maslow Frame	Top Beam 6' #1	1	3/4"	3 1/2"	96"	Sheet Good	Shop Plywood	None		A1
22	Maslow Frame	Top/Bottom Skirt	1	3/4"	6"	96"	Sheet Good	Shop Plywood	None		A1
1	Sheet Goods Cart	Shelf 2	1	3/4"	12 1/2"	96"	Sheet Good	Shop Plywood	None		A2
5	Sheet Goods Cart	Divider	6	3/4"	8"	22 1/4"	Sheet Good	Shop Plywood	None		A2
6	Sheet Goods Cart	Base (B)	1	3/4"	32"	96"	Sheet Good	Shop Plywood	None		A3
7	Sheet Goods Cart	Shelf 4 (Bottom)	1	3/4"	16 9/16"	96"	Sheet Good	Shop Plywood	None		A4
8	Sheet Goods Cart	Side	2	3/4"	48"	96"	Sheet Good	Shop Plywood	None		A5

Maslow Frame on Sheet Goods Cart

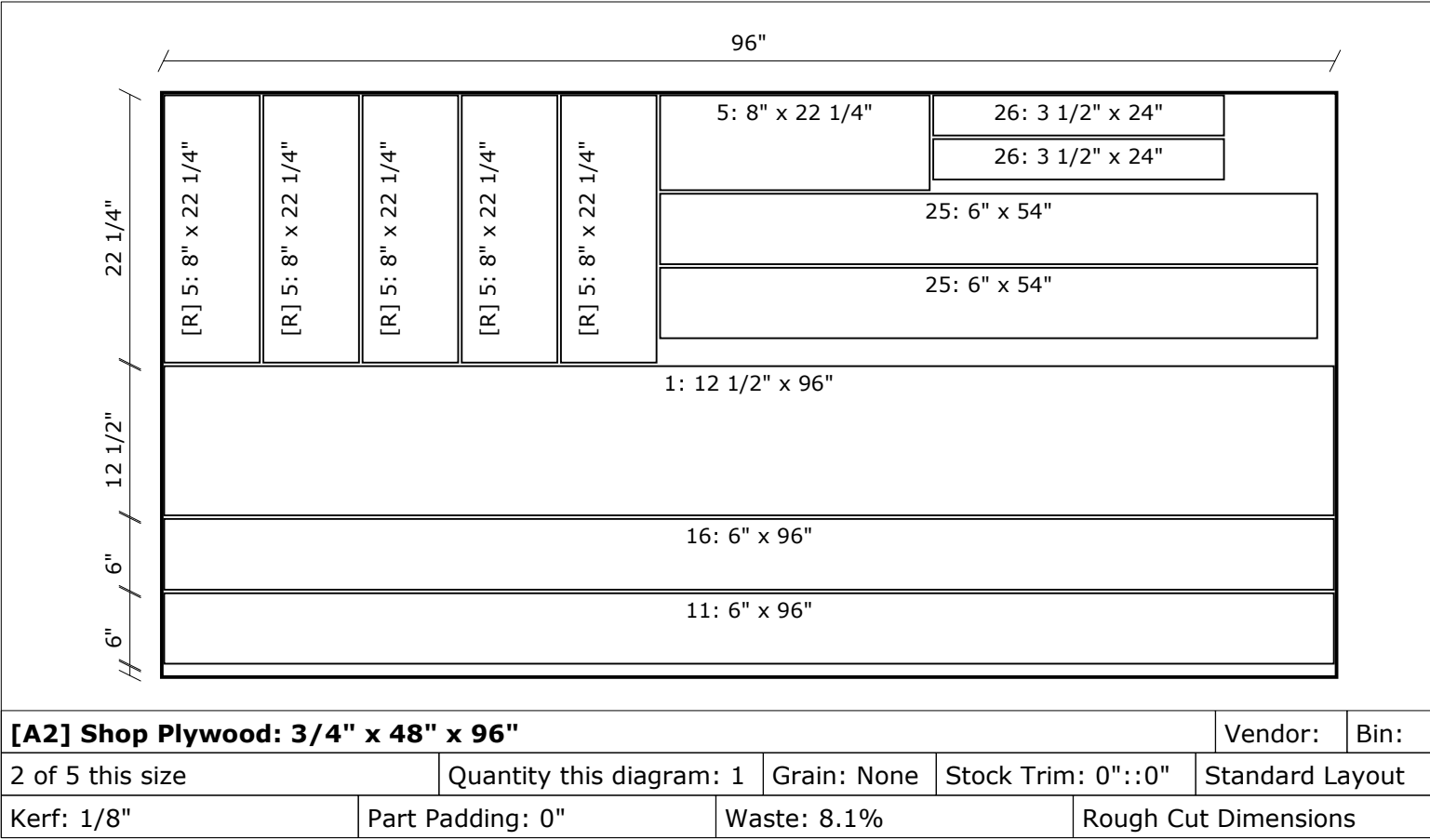
Part #	Sub-Assembly	Description	Copies	Thick	Width	Length	Material Type	Material Name	Bandin g	<Info>	Diagram #s
10	Sheet Goods Cart	Side (D)	1	3/4"	20"	96"	Sheet Good	Shop Plywood	None		A4
11	Sheet Goods Cart	Lip (E)	1	3/4"	6"	96"	Sheet Good	Shop Plywood	None		A2
12	Sheet Goods Cart	Shelf 3	1	3/4"	14 1/2"	96"	Sheet Good	Shop Plywood	None		A3
13	Sheet Goods Cart	Shelf 1 (Top)	1	3/4"	10 7/16"	96"	Sheet Good	Shop Plywood	None		A4
25	Skirts for maslow frame	Top/Bottom Skirt#1	2	3/4"	6"	54"	Sheet Good	Shop Plywood	None		A2
29	Skirts for maslow frame	Side Skirt	2	3/4"	6"	54"	Sheet Good	Shop Plywood	None		A1

[illegible]

[A1] Shop Plywood: 3/4" x 48" x 96"					Vendor:	Bin:
1 of 5 this size		Quantity this diagram: 1	Grain: None	Stock Trim: 0":0"	Standard Layout	
Kerf: 1/8"	Part Padding: 0"	Waste: 44.3%		Rough Cut Dimensions		

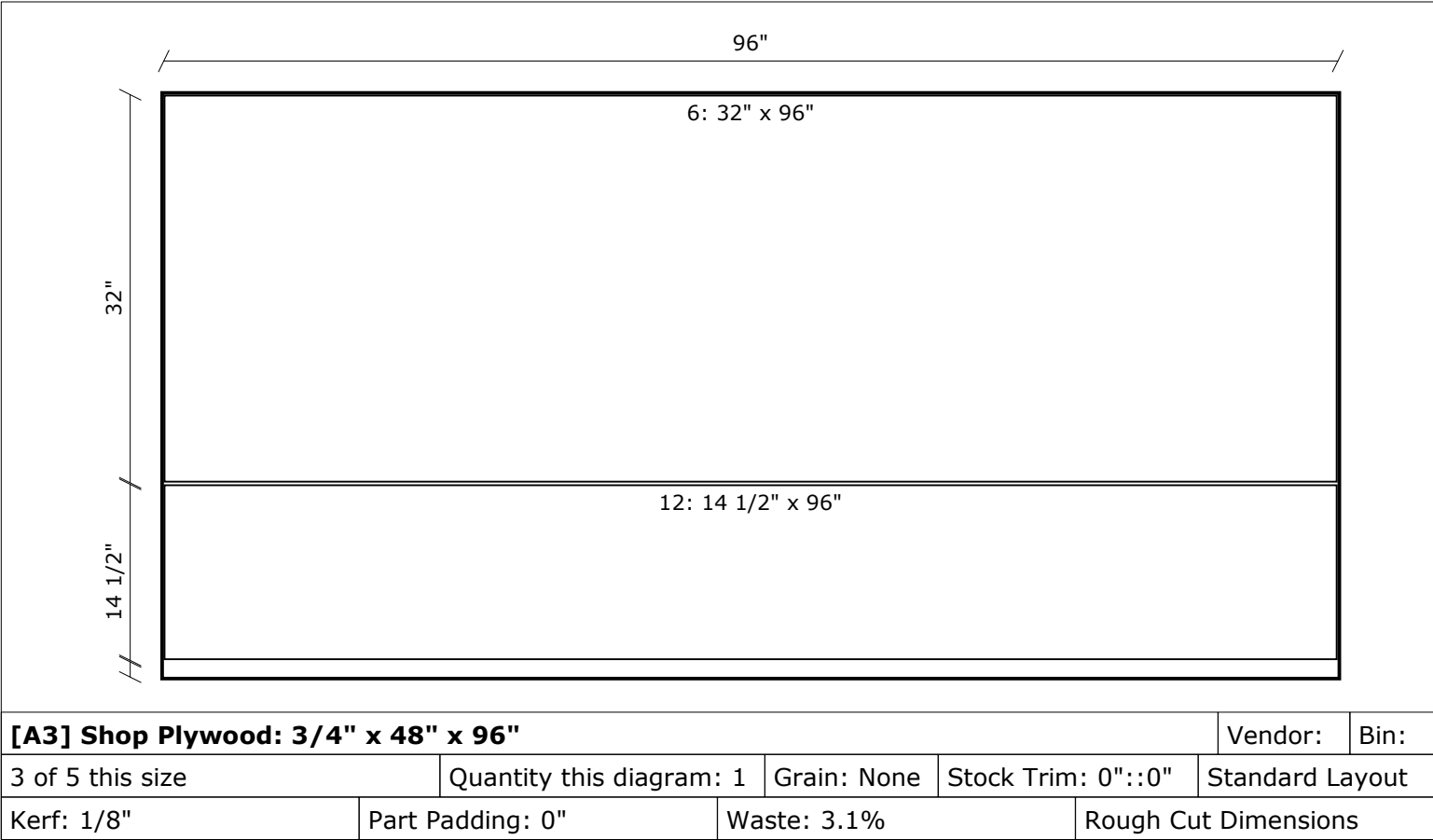
Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
19	Maslow Frame	Top Beam 6'	4	3/4"	3 1/2"	72"	3 1/2"	72"	None	
21	Maslow Frame	Top Beam 6' #1	1	3/4"	3 1/2"	96"	3 1/2"	96"	None	
22	Maslow Frame	Top/Bottom Skirt	1	3/4"	6"	96"	6"	96"	None	
29	Skirts for maslow frame	Side Skirt	2	3/4"	6"	54"	6"	54"	None	

Maslow Frame on Sheet Goods Cart



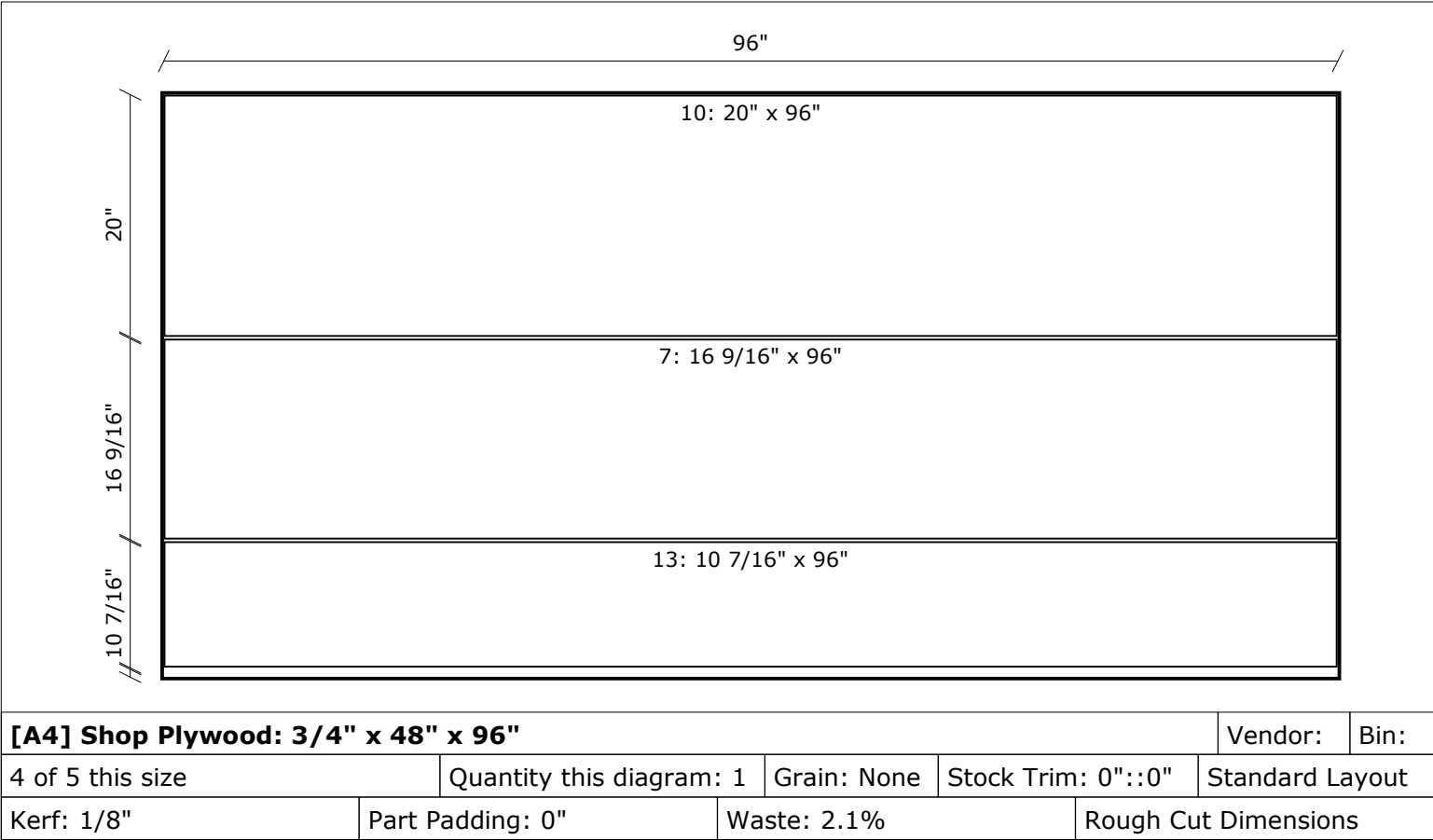
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1	Sheet Goods Cart	Shelf 2	1	3/4"	12 1/2"	96"	12 1/2"	96"	None	
5[R]	Sheet Goods Cart	Divider	5	3/4"	22 1/4"	8"	22 1/4"	8"	None	
5	Sheet Goods Cart	Divider	1	3/4"	8"	22 1/4"	8"	22 1/4"	None	
11	Sheet Goods Cart	Lip (E)	1	3/4"	6"	96"	6"	96"	None	
16	Maslow Frame	Top Beam 6'#3	1	3/4"	6"	96"	6"	96"	None	
25	Skirts for maslow frame	Top/Bottom Skirt#1	2	3/4"	6"	54"	6"	54"	None	
26	Maslow Frame	Top Beam 6'#2	2	3/4"	3 1/2"	24"	3 1/2"	24"	None	

Maslow Frame on Sheet Goods Cart



Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
6	Sheet Goods Cart	Base (B)	1	3/4"	32"	96"	32"	96"	None	
12	Sheet Goods Cart	Shelf 3	1	3/4"	14 1/2"	96"	14 1/2"	96"	None	

Maslow Frame on Sheet Goods Cart



Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
7	Sheet Goods Cart	Shelf 4 (Bottom)	1	3/4"	16 9/16"	96"	16 9/16"	96"	None	
10	Sheet Goods Cart	Side (D)	1	3/4"	20"	96"	20"	96"	None	
13	Sheet Goods Cart	Shelf 1 (Top)	1	3/4"	10 7/16"	96"	10 7/16"	96"	None	

Maslow Frame on Sheet Goods Cart

96"

48"

8: 48" x 96"

[A5] Shop Plywood: 3/4" x 48" x 96"

Vendor:

Bin:

5 of 5 this size

Quantity this diagram: 2

Grain: None

Stock Trim: 0"::0"

Standard Layout

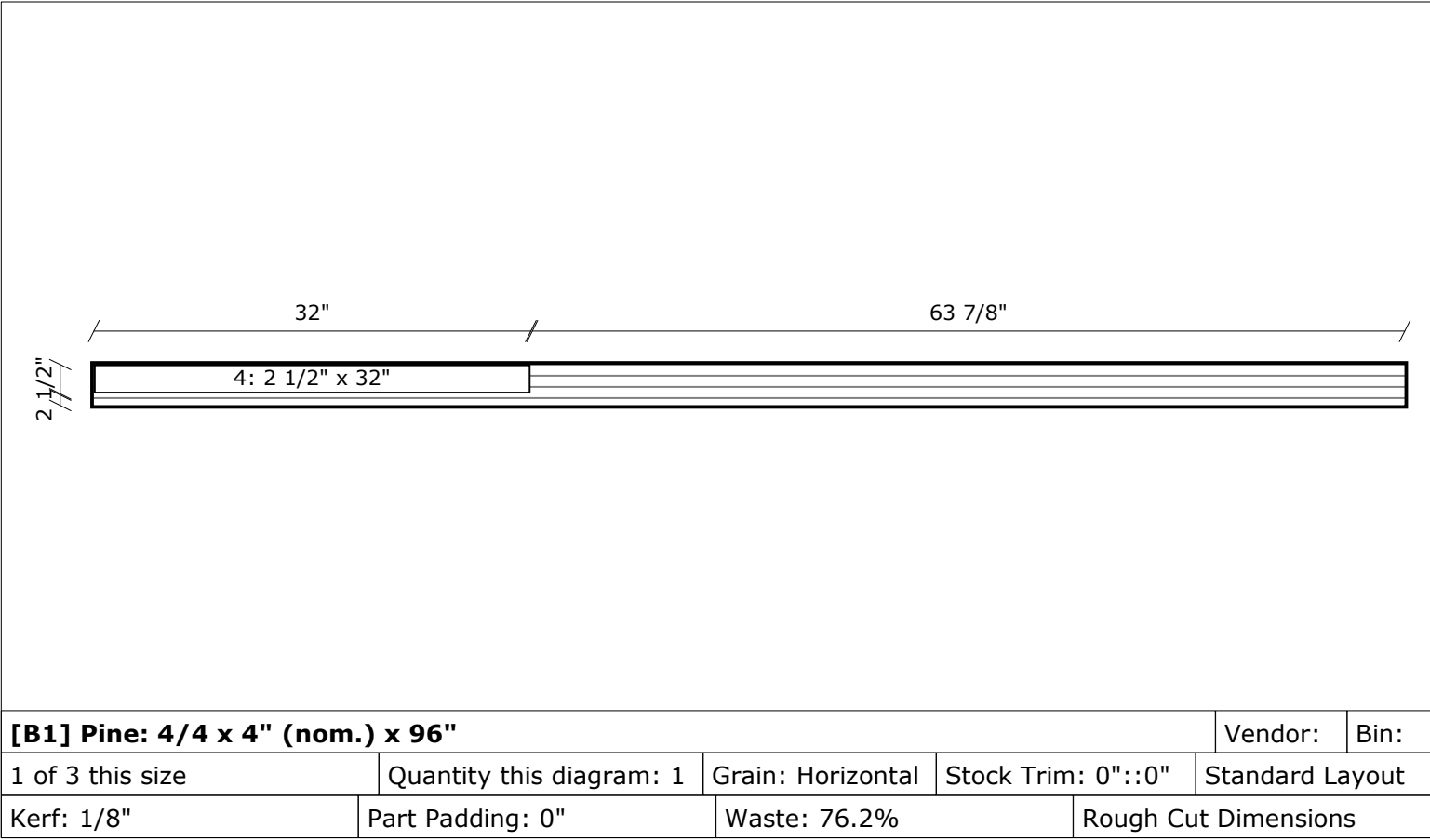
Kerf: 1/8"

Part Padding: 0"

Waste: 0.0%

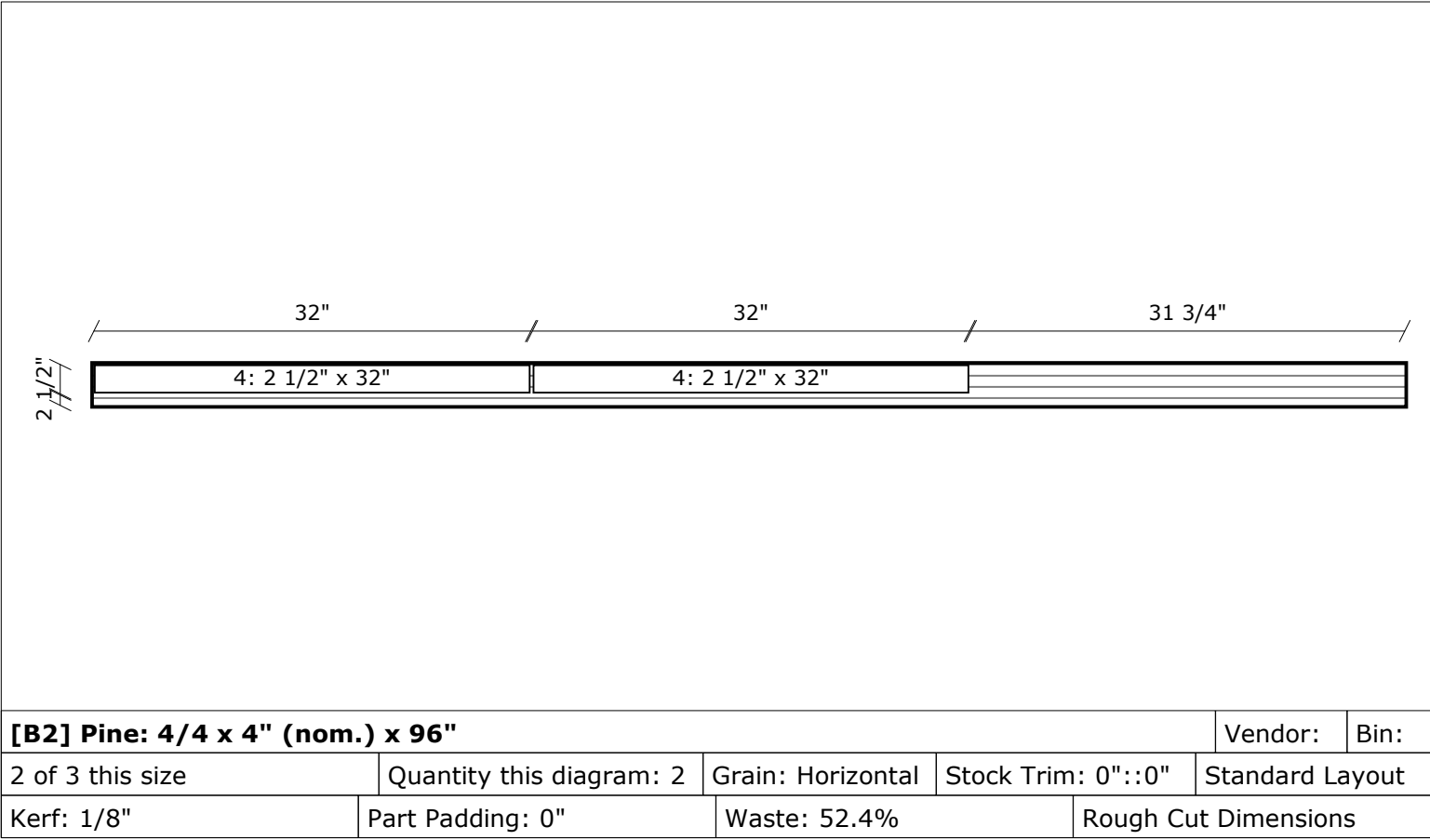
Rough Cut Dimensions

Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
8	Sheet Goods Cart	Side	1	3/4"	48"	96"	48"	96"	None	

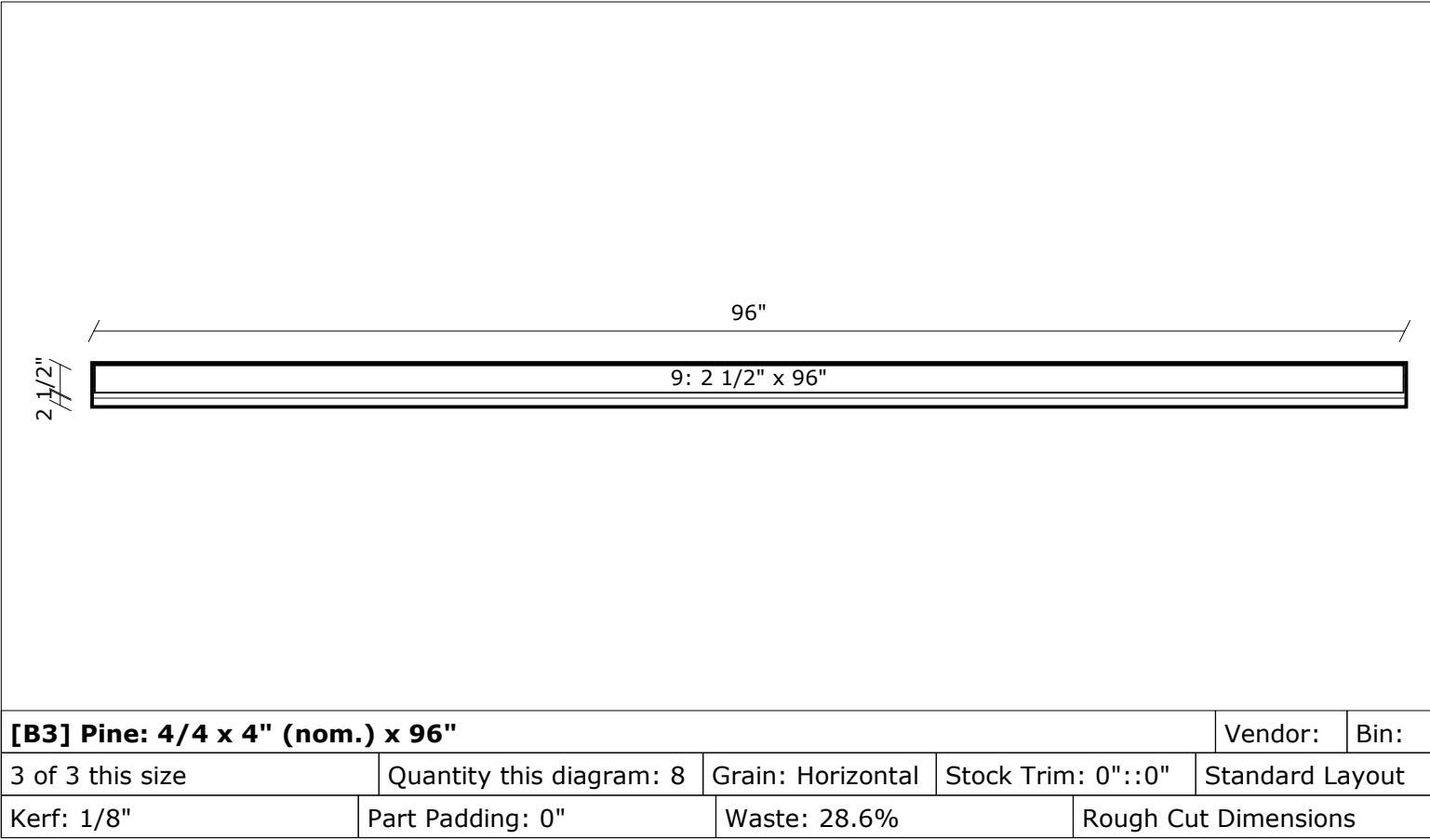


Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
4	Sheet Goods Cart	Rail (A)	1	3/4"	2 1/2"	32"	2 1/2"	32"	N/A	

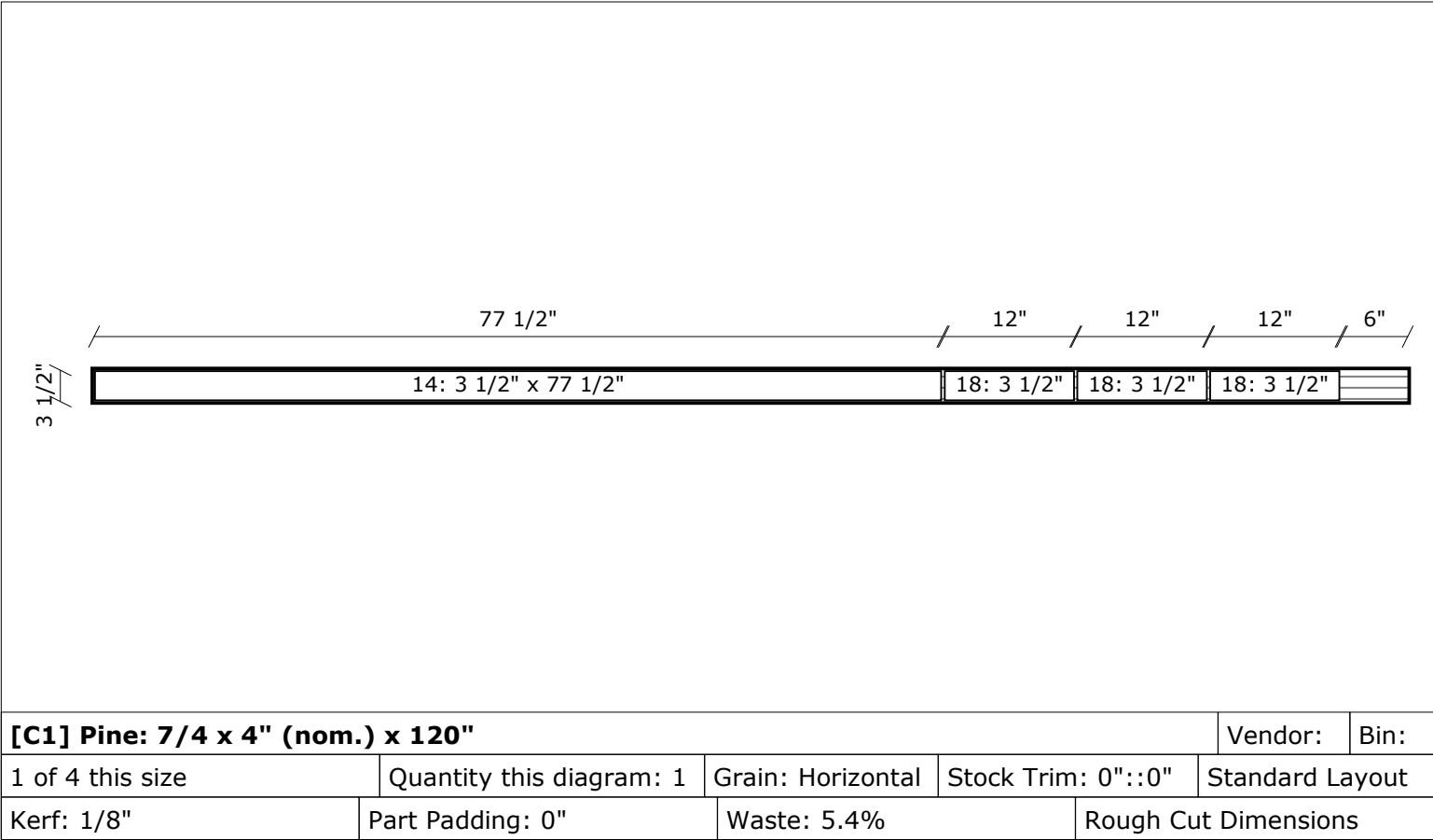
Maslow Frame on Sheet Goods Cart



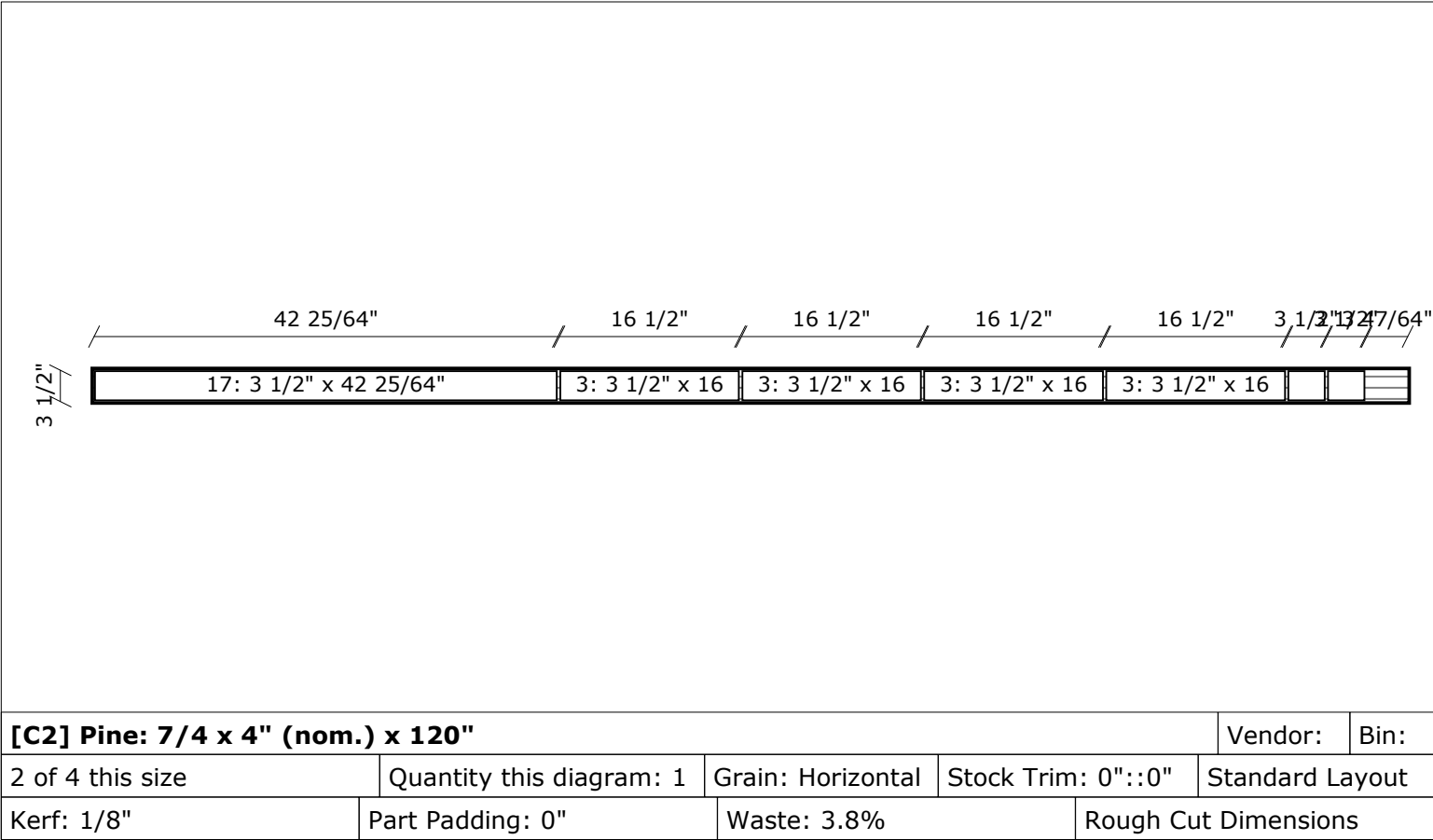
Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
4	Sheet Goods Cart	Rail (A)	2	3/4"	2 1/2"	32"	2 1/2"	32"	N/A	



Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
9	Sheet Goods Cart	Shelf Brace	1	3/4"	2 1/2"	96"	2 1/2"	96"	N/A	

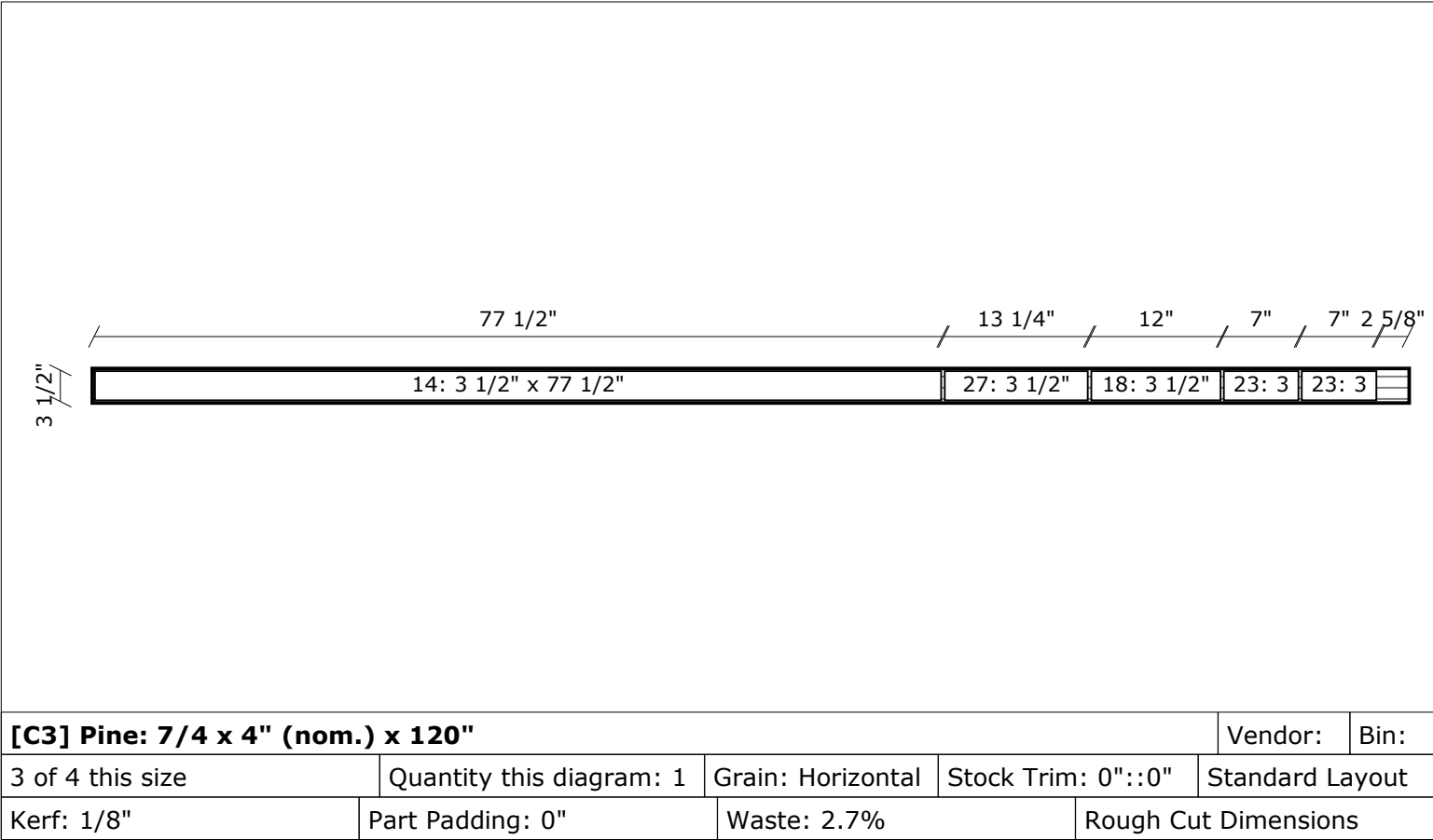


Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
14	Maslow Frame	Vertical Frame	1	1 1/2"	3 1/2"	77 1/2"	3 1/2"	77 1/2"	N/A	
18	Maslow Frame	Top Rail support#1	3	1 1/2"	3 1/2"	12"	3 1/2"	12"	N/A	

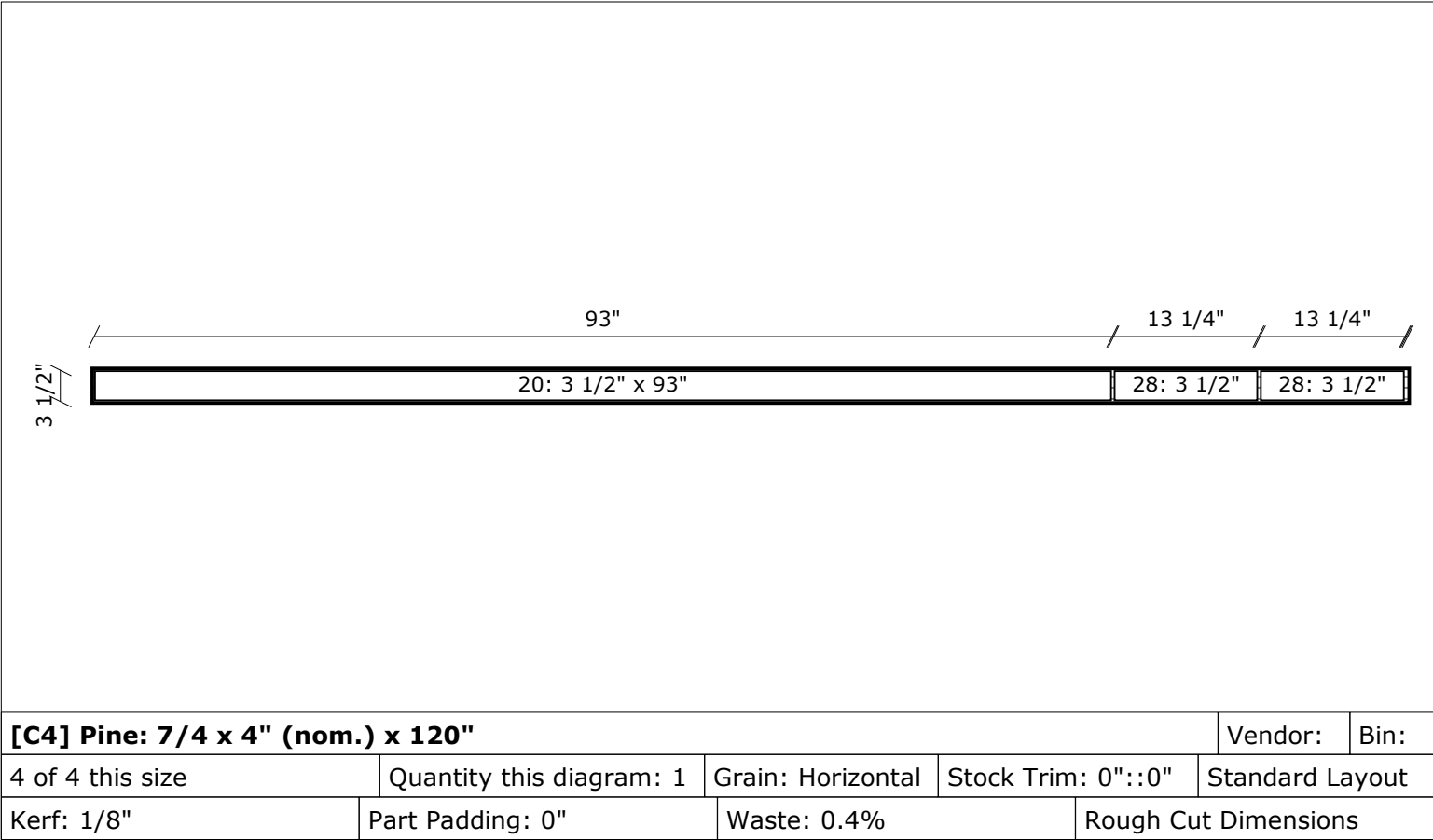


Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
3	Maslow Frame	Support Arm (K)	4	1 1/2"	3 1/2"	16 1/2"	3 1/2"	16 1/2"	N/A	
15	Maslow Frame	Frame support	2	1 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	N/A	
17	Maslow Frame	Angle Brace	1	1 1/2"	3 1/2"	42 25/64"	3 1/2"	42 25/64"	N/A	

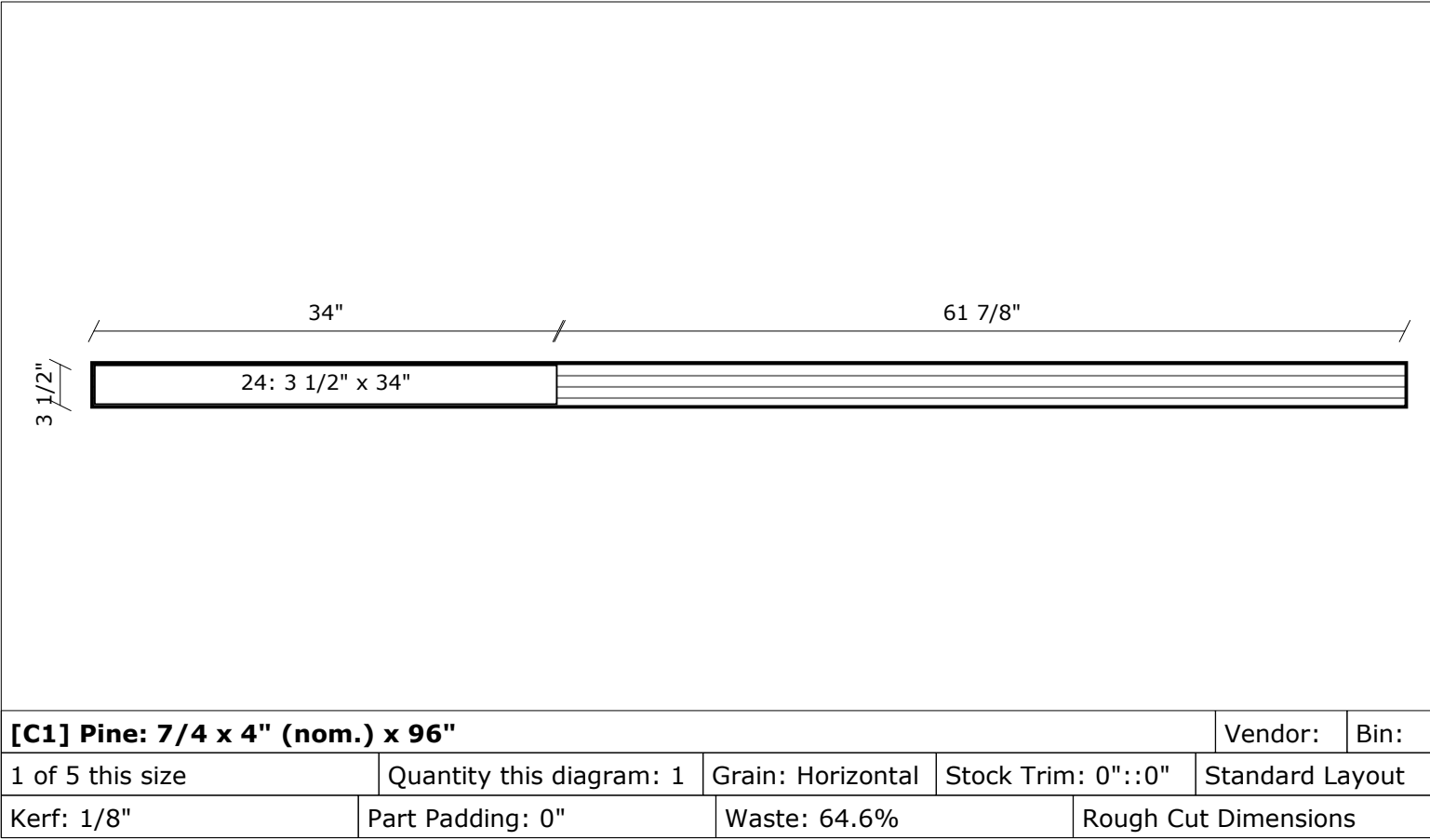
Maslow Frame on Sheet Goods Cart



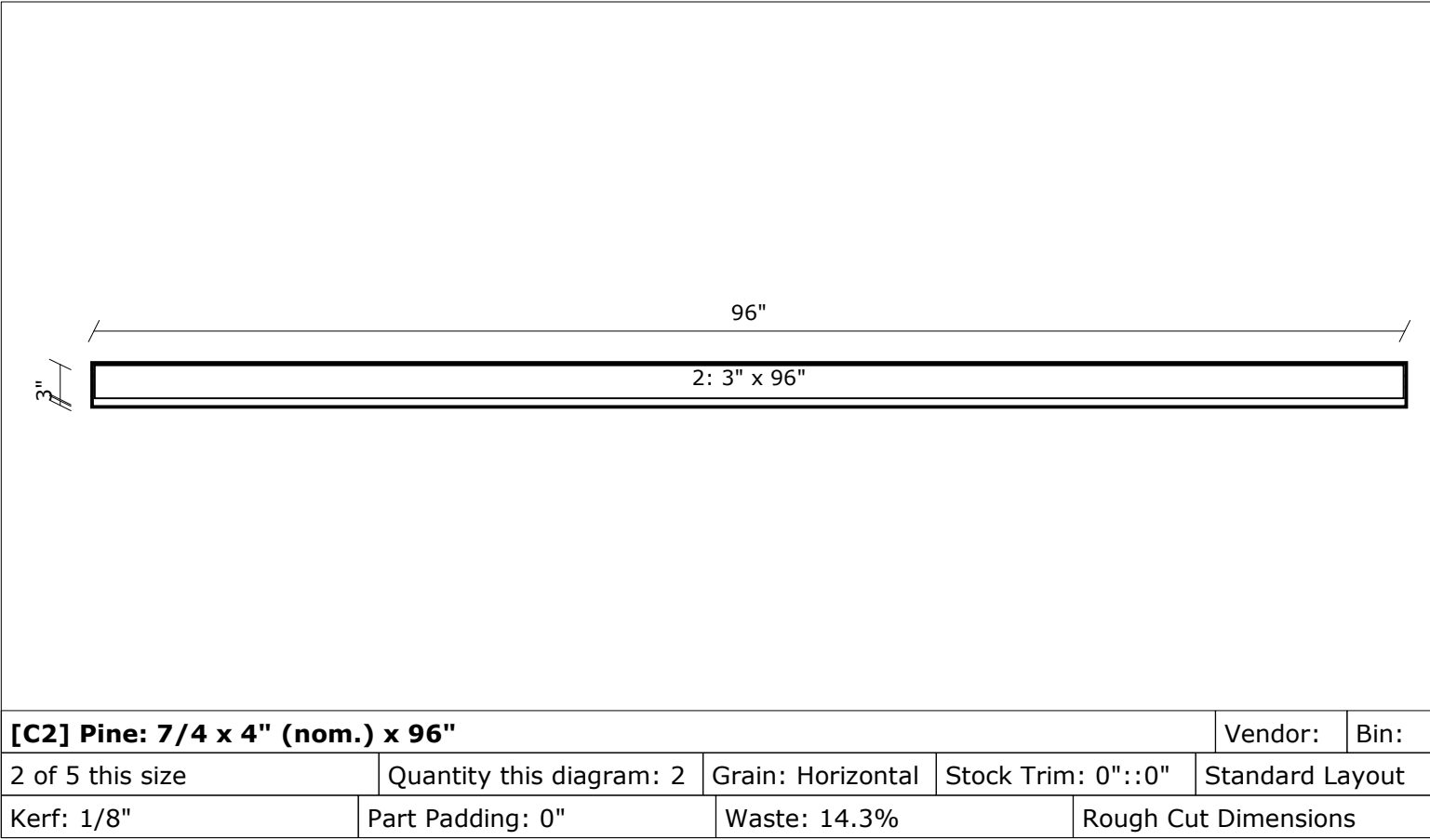
Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
14	Maslow Frame	Vertical Frame	1	1 1/2"	3 1/2"	77 1/2"	3 1/2"	77 1/2"	N/A	
18	Maslow Frame	Top Rail support#1	1	1 1/2"	3 1/2"	12"	3 1/2"	12"	N/A	
23	Maslow Frame	Top Rail support	2	1 1/2"	3 1/2"	7"	3 1/2"	7"	N/A	
27	Maslow Frame	Bottom Brace	1	1 1/2"	3 1/2"	13 1/4"	3 1/2"	13 1/4"	N/A	



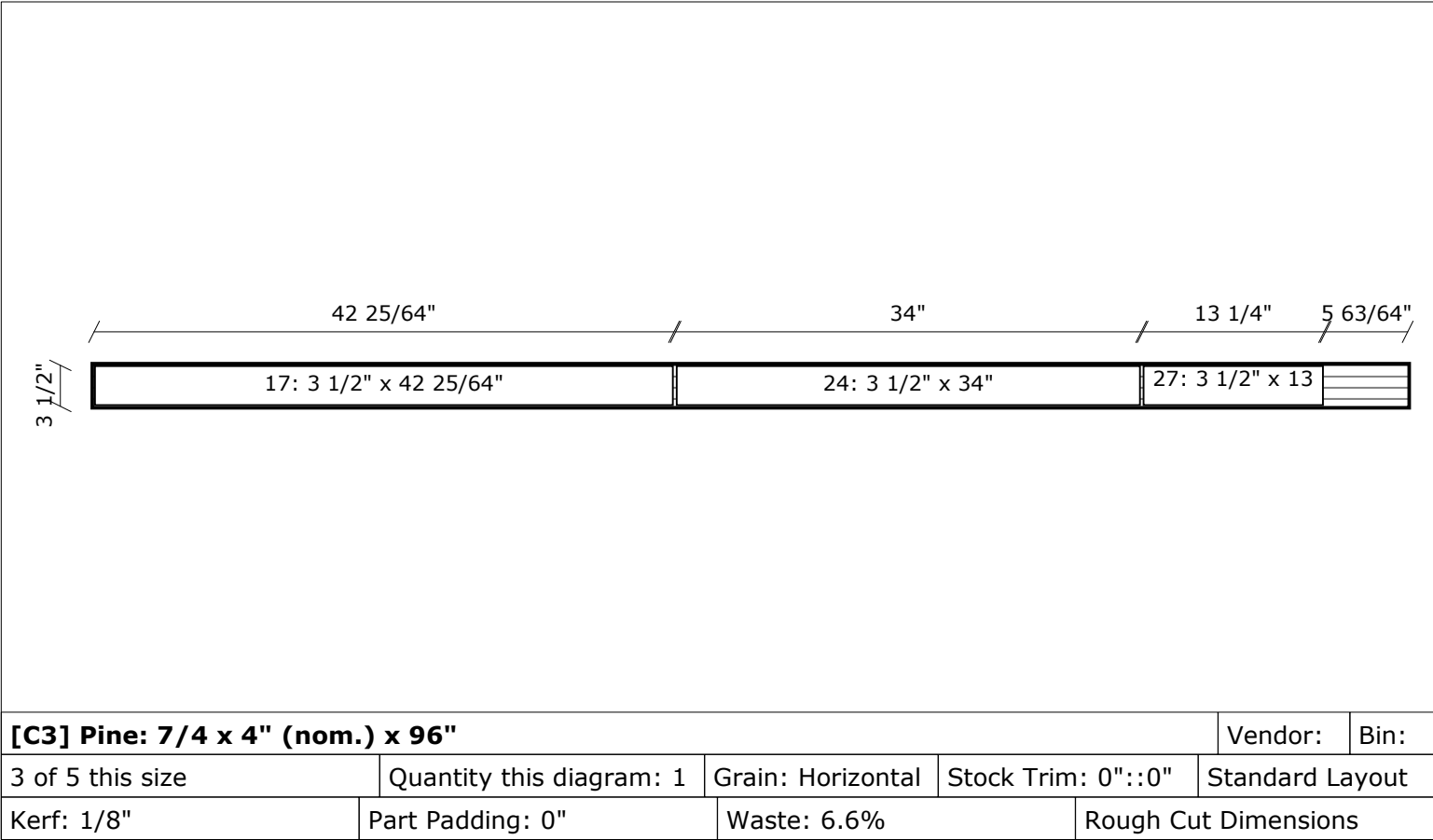
Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
20	Maslow Frame	Horizontal Frame	1	1 1/2"	3 1/2"	93"	3 1/2"	93"	N/A	
28	Maslow Frame	Bottom Brace#1	2	1 1/2"	3 1/2"	13 1/4"	3 1/2"	13 1/4"	N/A	



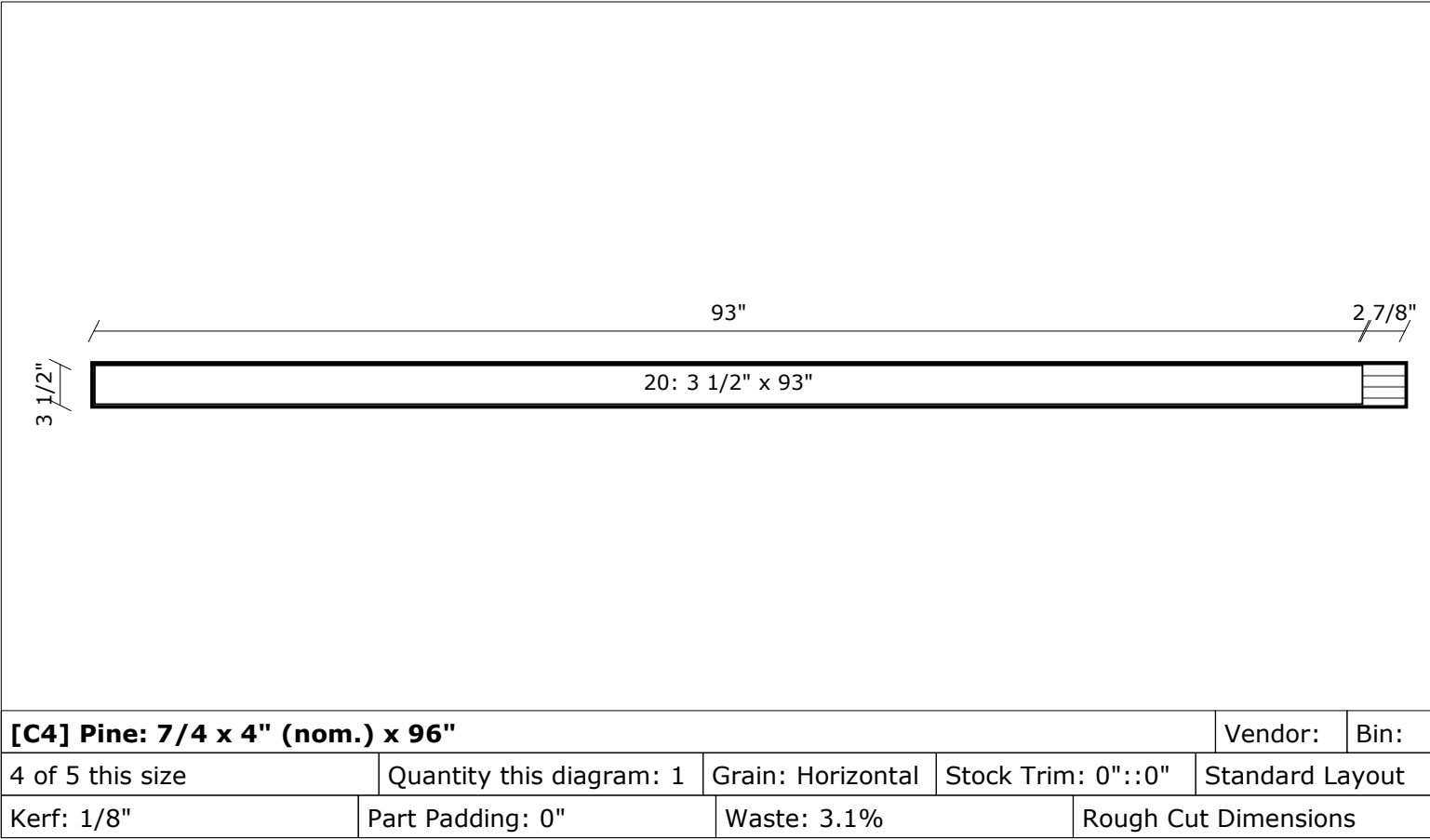
Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
24	Maslow Frame	Verticle Center Brace	1	1 1/2"	3 1/2"	34"	3 1/2"	34"	N/A	



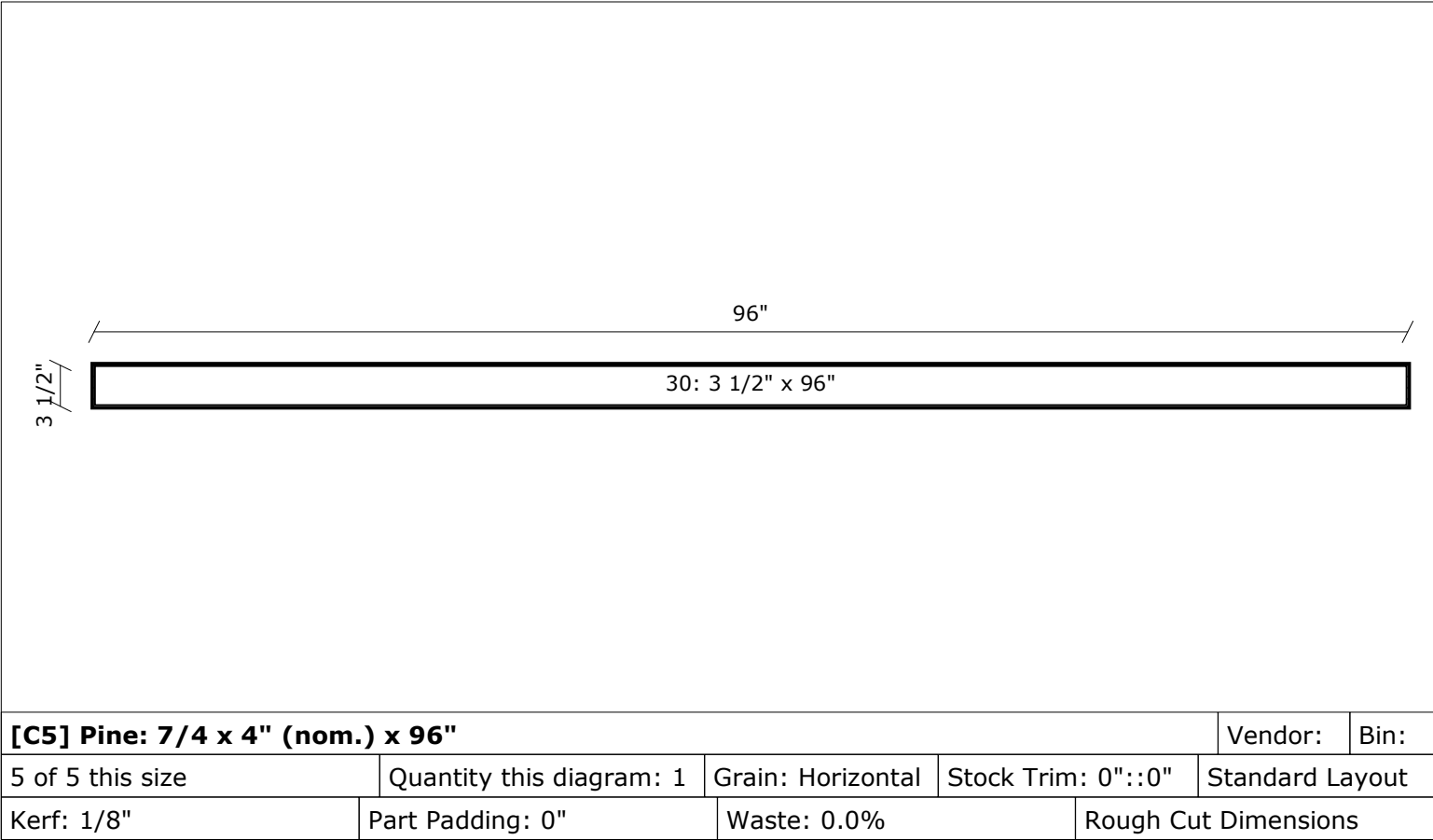
Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
2	Maslow Frame	Stretcher (J)	1	1 1/2"	3"	96"	3"	96"	N/A	



Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
17	Maslow Frame	Angle Brace	1	1 1/2"	3 1/2"	42 25/64"	3 1/2"	42 25/64"	N/A	
24	Maslow Frame	Verticle Center Brace	1	1 1/2"	3 1/2"	34"	3 1/2"	34"	N/A	
27	Maslow Frame	Bottom Brace	1	1 1/2"	3 1/2"	13 1/4"	3 1/2"	13 1/4"	N/A	



Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
20	Maslow Frame	Horizontal Frame	1	1 1/2"	3 1/2"	93"	3 1/2"	93"	N/A	



Part #	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	Rough Y	Rough X	Banding	<Info>
30	Maslow Frame	Horizontal Frame#1	1	1 1/2"	3 1/2"	96"	3 1/2"	96"	N/A	

Bill of Materials

Cost Summary

Item	Amount
Rough Lumber	\$0.00
Dimensioned Lumber	\$36.00
Sheet Goods	\$0.00
Edge Banding	\$0.00
Other Items	\$0.00
Labor Costs (0.0 hours)	\$0.00
Project Total	\$36.00

Dimensioned Lumber

Material Name	Nominal Size	Actual Width	Nom. Width	Length	Unit Cost	Units	Quantity	From Inv.	To Buy	Total Cost	Vendor	Bin
Pine	7/4	3 1/2"	4"	96"	\$3.12	Boards	6	6	0	\$18.72		
Pine	7/4	3 1/2"	4"	120"	\$4.32	Boards	4	4	0	\$17.28		
Pine	4/4	3 1/2"	4"	96"	\$0.00	Boards	11	11	0	\$0.00		

Sheet Goods

Material Name	Thick	Width	Length	Unit Cost	Units	Quantity	From Inv.	To Buy	Total Cost	Vendor	Bin
Shop Plywood	3/4"	48"	96"	\$0.00	Sheets	6	6	0	\$0.00		

Pricing Summary

	Cost	Markup	Pct Markup	Price	Pct Total
Milled Materials					
Rough-milled lumber	\$0.00	\$0.00		\$0.00	0.0%
Dimensioned lumber	\$36.00	\$0.00	0.0%	\$36.00	100.0%
Sheet goods	\$0.00	\$0.00		\$0.00	0.0%
Edge banding	\$0.00	\$0.00		\$0.00	0.0%
Sub-total	\$36.00	\$0.00	0.0%	\$36.00	100.0%
Other Items					
Sub-total	\$0.00	\$0.00		\$0.00	0.0%
Total Materials	\$36.00	\$0.00	0.0%	\$36.00	100.0%
Labor					
Sub-total	\$0.00	\$0.00		\$0.00	0.0%
Materials and Labor	\$36.00	\$0.00	0.0%	\$36.00	100.0%
Indirect Costs					
Overhead Fixed amount				\$0.00	0.0%
Contingency Fixed amount				\$0.00	0.0%
Profit Fixed amount				\$0.00	0.0%
Sub-total				\$0.00	0.0%
Shipping and handling: Fixed amount				\$0.00	0.0%
Price excluding taxes				\$36.00	100.0%
(0%)				\$0.00	
Price including taxes				\$36.00	

Project Statistics

Parts Summary

Material Type	Total Qty	Skipped Qty	Total Finished Area	Total Finished Perimeter
Dimensioned Lumber	40	0	39.02 ft2	337.30 ft
Sheet Goods	28	0	173.58 ft2	359.00 ft
Project Total	68	0	212.60 ft2	696.30 ft

Material Details

Material Name and Size	Waste	Parts Rough Area	Total Cuts	Cut Length	Parts Rough Perimeter	Lineal Stock
Dimensioned Lumber						
Pine						
4/4 x 4" (nom.) x 96"	37.2%	16.11 ft2	16	83.71 ft	160.08 ft	88.00 ft
Total	37.2%	16.11 ft2	16	83.71 ft	160.08 ft	88.00 ft
7/4 x 4" (nom.) x 96"	17.2%	11.60 ft2	7	17.46 ft	88.61 ft	48.00 ft
7/4 x 4" (nom.) x 120"	3.1%	11.31 ft2	19	5.54 ft	88.61 ft	40.00 ft
Total	10.8%	22.90 ft2	26	23.00 ft	177.21 ft	88.00 ft
Sheet Goods						
Shop Plywood						
3/4" x 48" x 96"	9.6%	173.58 ft2	32	157.13 ft	359.00 ft	N/A
Total	9.6%	173.58 ft2	32	157.13 ft	359.00 ft	N/A
Project Total	12.6%	212.60 ft2	74	263.83 ft	696.30 ft	224.00 ft