Bluestem 21" Scale Tenor Banjo

Scale: 1:1	Border size:31" by 22"	File: Bluestem Banjo Plan Tenor 615.dcd
Drawn by: Randy Cordle	Date: 6/12/2015	

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Specifications for "Irish" tenor banjo
21" scale length / 17 frets
Overall length: 30"
Recommended tuning: GDAE (low to high)
Recommended string guages for GDAE tuning:
.014" / .024" / .032"w / .042"w

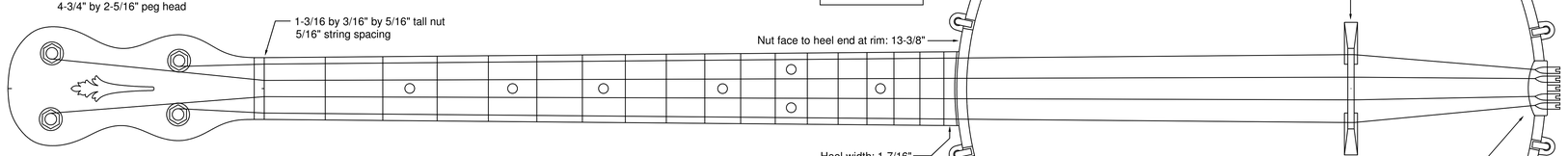
Border: 31" by 22"

This drawing PDF can be taken to a local printer to have a full size 31" by 22" working drawing printed. Verify that it is printed correctly by measuring the printed border dimension.

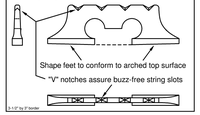
Measurement of fret position distances:
My tape measure looks like this, how do I measure to a 64th inch?

Split the distance between the 16th inch divisions for 32nd inch measurements, example 1-13/32"
Split the "visualized" distance again for 64th inch measurements, example 1-25/64"

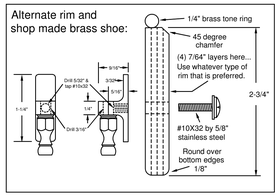
21" Scale Fret slot locations from nut face:		
1.	1-11/64"	1.18"
2.	2-19/64"	2.29"
3.	3-11/32"	3.34"
4.	4-21/64"	4.33"
5.	5-17/64"	5.27"
6.	6-5/32"	6.15"
7.	6-63/64"	6.98"
8.	7-49/64"	7.77"
9.	8-33/64"	8.51"
10.	9-7/32"	9.21"
11.	9-7/8"	9.88"
12.	10-1/2"	10.50"
13.	11-3/32"	11.09"
14.	11-41/64"	11.65"
15.	12-11/64"	12.17"
16.	12-43/64"	12.67"
17.	13-9/64"	13.13"

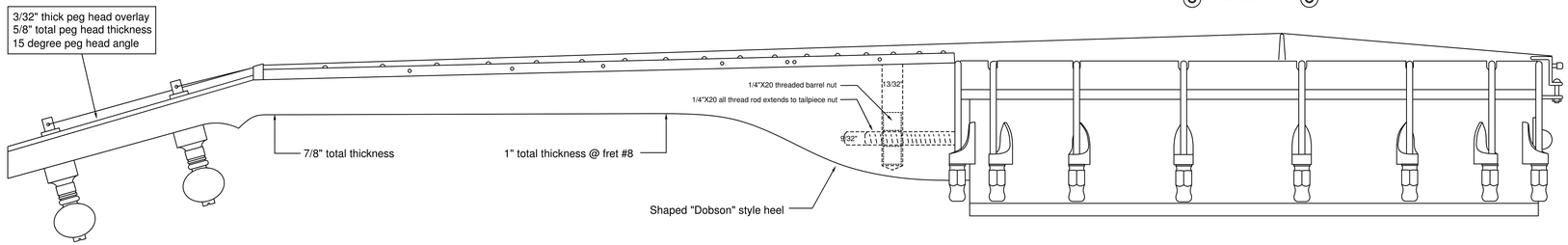


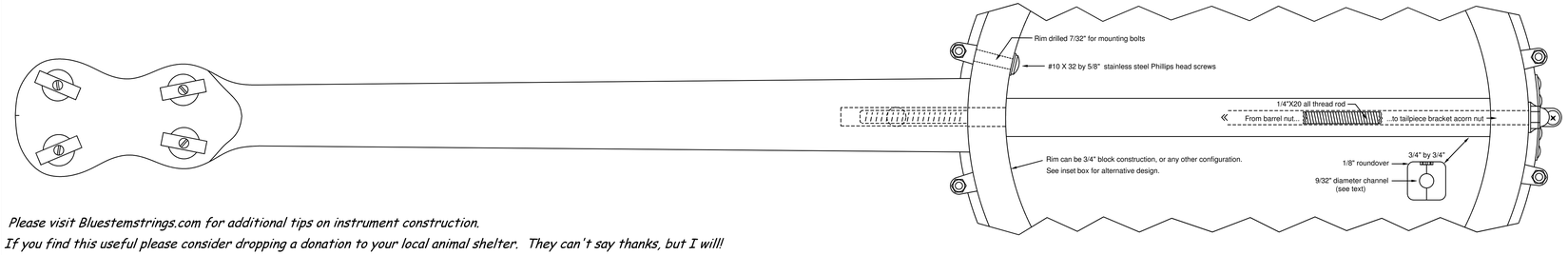
Bridge Details:
2-7/16" long 3/4" high and 3/16" wide feet
String spacing 1-5/16" / Bottom of notch 5/8" high
Sides taper upward to 3/32" top thickness



Alternate rim and shop made brass shoe:







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