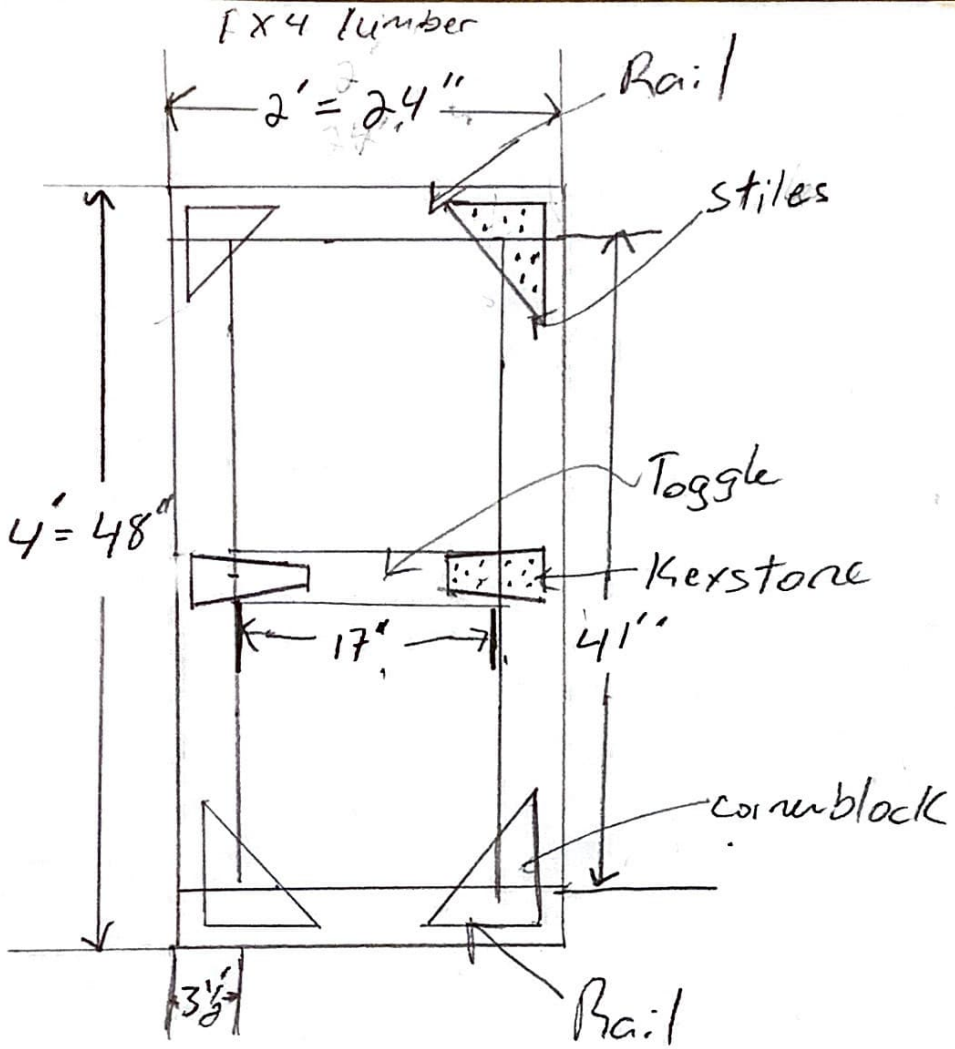
Lesson Plan for Drafting Working Drawing of a Flat

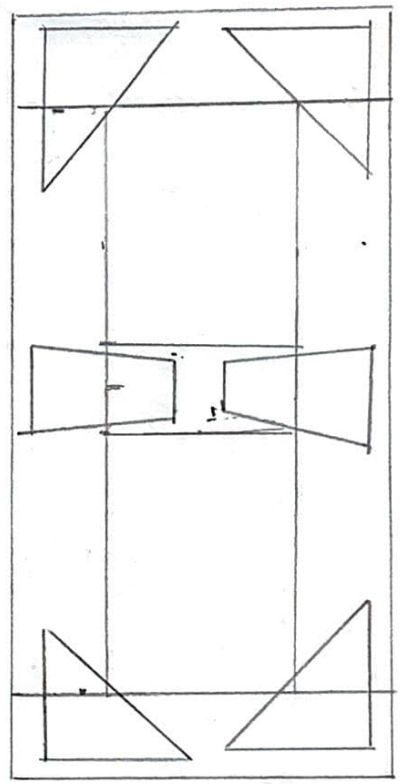
<table>
<tr><th colspan="3">Stage 1 Desired Results</th></tr>
<tr><td rowspan="6">ESTABLISHED GOALS

Students will be able to independently draft a working drawing in 1” scale and create a cut list for the set piece to be constructed.</td><td colspan="2">Transfer</td></tr>
<tr><td colspan="2">Students will be able to independently use their learning to…

Draft a working drawing in 1” scale and create a cut list</td></tr>
<tr><td colspan="2">Meaning</td></tr>
<tr><td>UNDERSTANDINGS
Students will understand that… attention to detail is crucial for the item to be constructed accurately and safely.</td><td>ESSENTIAL QUESTIONS
Why is it important to create accurate working drawings and cut lists when constructing scenery?</td></tr>
<tr><td colspan="2">Acquisition</td></tr>
<tr><td>Students will know… that the nominal dimensions of a piece of lumbar are not the same as their actual dimensions.</td><td>Students will be skilled at…
Math, measuring, drafting, creating cut lists, building a flat.</td></tr>
<tr><th colspan="3">Stage 2 - Evidence</th></tr>
<tr><td>Evaluative Criteria</td><td colspan="2">Assessment Evidence</td></tr>
<tr><td>Can they create a cut list from a working drawing?</td><td colspan="2">PERFORMANCE TASK(S):
Able to draft accurate working drawings in 1” scale and create a cut list for it.</td></tr>
<tr><td></td><td colspan="2">OTHER EVIDENCE:
They are able to build what they have drafted.</td></tr>
<tr><th colspan="3">Stage 3 – Learning Plan</th></tr>
<tr><td colspan="3">Summary of Key Learning Events and Instruction
Teacher demonstrates with a tangible drawing the desired skill. The demonstration includes step-by-step instruction with ongoing formative assessments. Summative assessment begins with the second half of the assignment and ends when they successfully build the set piece.</td></tr>
</table>



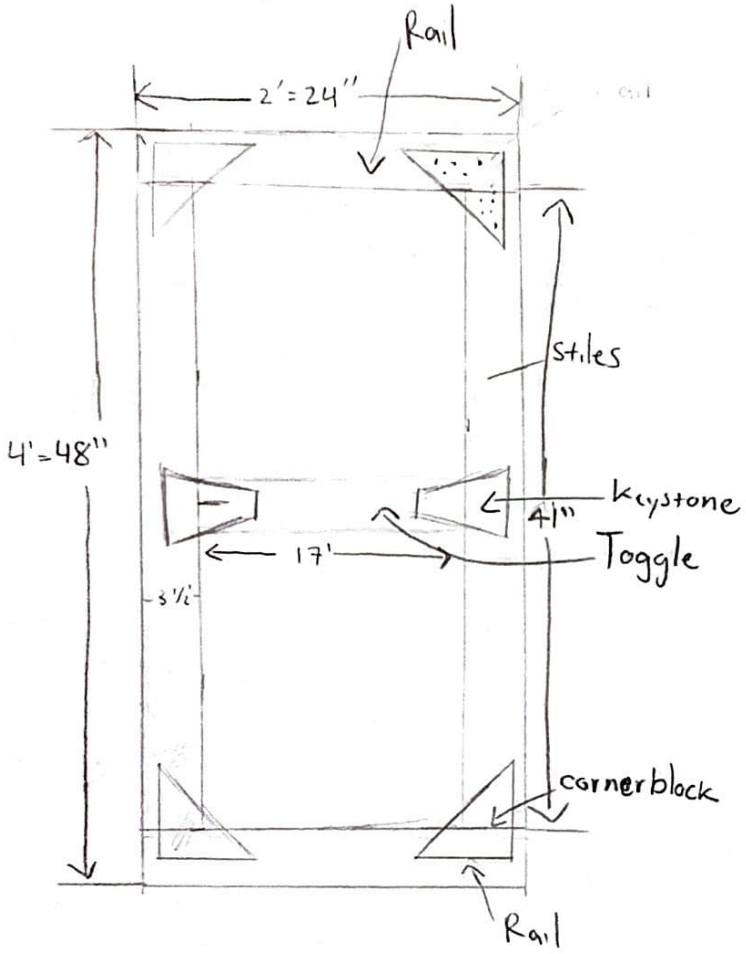
1x6 lumber
¾" x 5½"



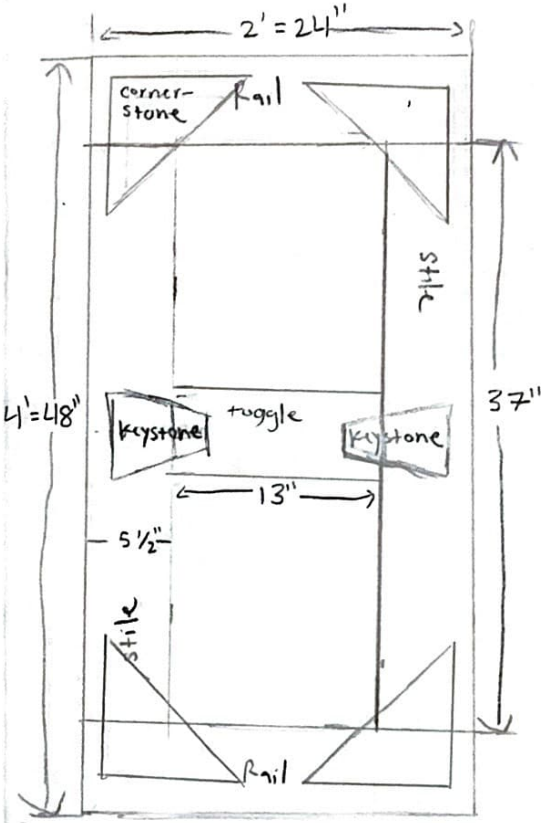
Name	wood size	length	quant
Rails	1x4,	24"	2
Stiles	1x4	41"	2
Toggle	1x4	17"	1
cornerblock	¼ ply	9"x9" △	4
Keystone	¼ ply	3"x9" □	2

HALLEE's Step-by-step demonstration

Leif D.



name	wood size	length	amt
Rail	1×4	24"	2
Stiles	1×4	41"	2
Toggle	1×4	17"	1
corner-block	1/4 ply	9"×9" △	4
Keystone	1/4 ply	3"×9" □	2



name	wood size	length	amt
Rail	1×6	24"	2
stiles	1×6	37"	2
Toggle	1×6	13"	1
corner block	1/4 ply	9"×9" △	4
keystone	1/4 ply	3"×9" □	2