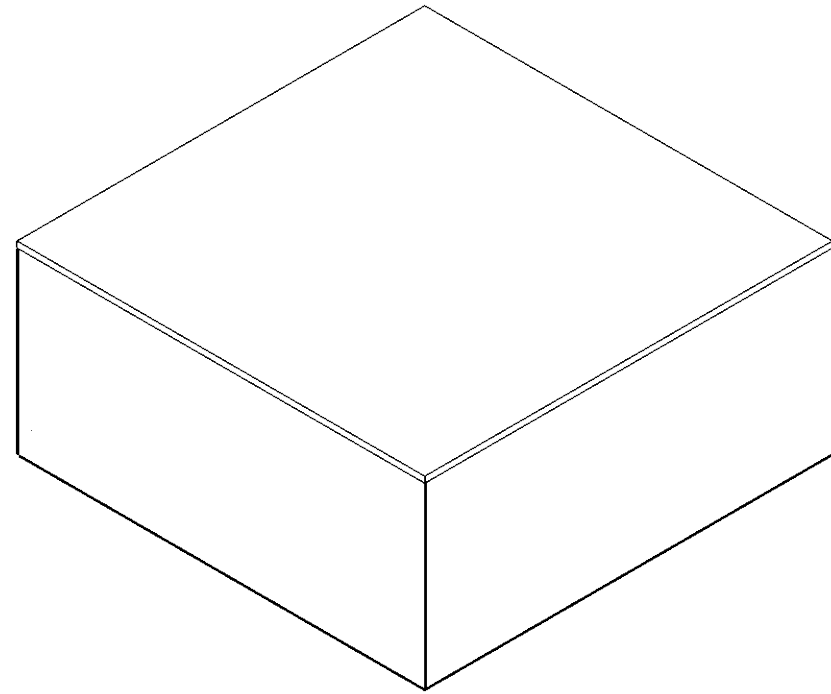


2



1

| ITEM NO. | PART NUMBER | QTY. |
|----------|-------------|------|
| 1 | TE-19102-01 | 4 |
| 2 | TE-19102-02 | 5 |
| 3 | TE-19102-03 | 8 |
| 4 | TE-19102-04 | 1 |
| 5 | TE-19102-05 | 3 |
| 6 | TE-19102-06 | 4 |



| Material | QTY |
|----------------------------------|------------|
| 23/32" (3/4") A/C or CDX Plywood | 0.5 sheet |
| 1/8" Hardboard | 0.75 sheet |
| 2"x 4"x 8' | 8 |
| 1.25" wood screws | ~40 |
| 2.5" wood screws | ~60 |

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| | | | | | | | | | |
|-------------|---------|--|-----------|------|------|---|-----------------|---------|--------------|
| | | UNLESS OTHERWISE SPECIFIED: | | NAME | DATE |   | | | |
| | | DIMENSIONS ARE IN INCHES | DRAWN | | | | | | |
| | | TOLERANCES: | CHECKED | | | | | | |
| | | FRACTIONAL $\pm 1/16$ | ENG APPR. | | | | | | |
| | | ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ | MFG APPR. | | | | | | |
| | | TWO PLACE DECIMAL $\pm .01$ | Q.A. | | | TITLE: <h1>2"x 4" Hab Ivl 3</h1> | | | |
| | | THREE PLACE DECIMAL $\pm .001$ | COMMENTS: | | | | | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | | | | | | | |
| | | MATERIAL | | | | SIZE | DWG. NO. | REV | |
| NEXT ASSY | USED ON | FINISH | | | | A | TE-19102 | | |
| APPLICATION | | DO NOT SCALE DRAWING | | | | SCALE: 1:16 | | WEIGHT: | SHEET 1 OF 5 |

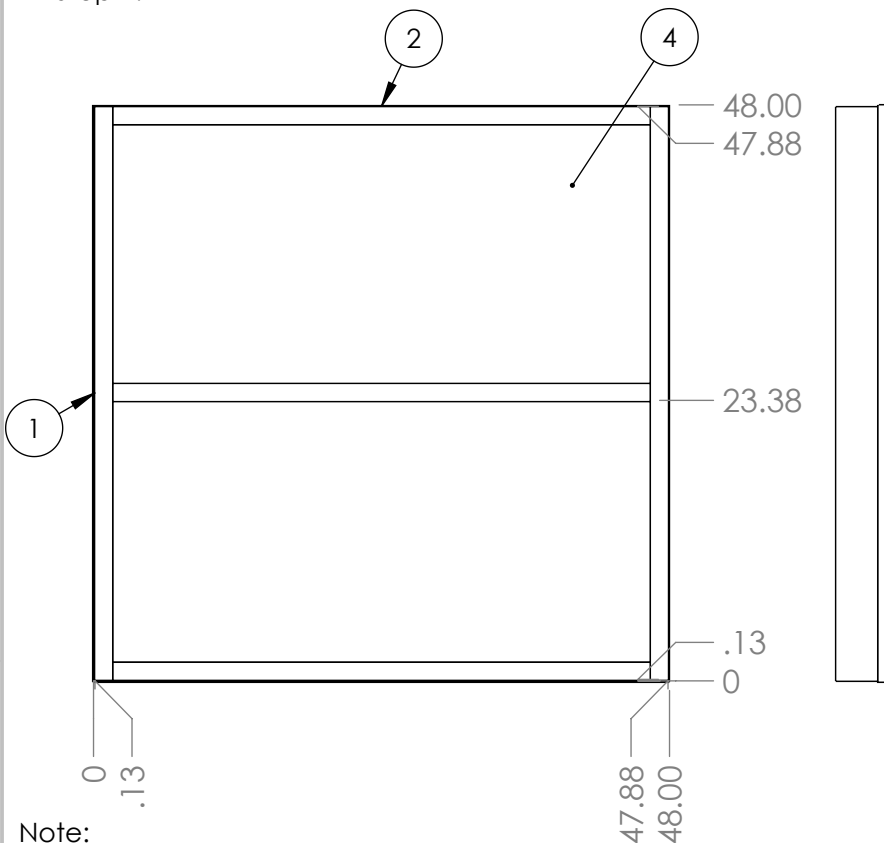
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1

2

1

Step 1:



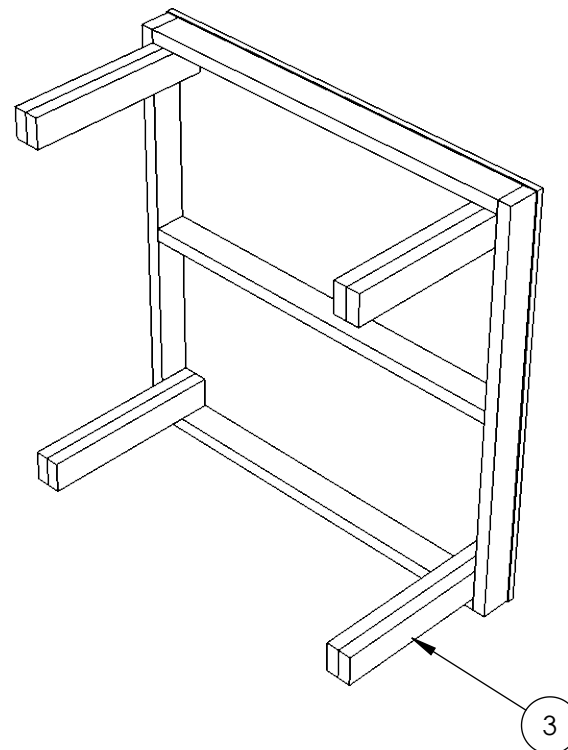
Note:

Attach (1) and (2) with 2.5" screws

Attach (1), (2), and (4) with 1.25" screws

Pre drill if needed

Step 2:



Note:

Assemble Item (3) QTY 2 together with 2.5" screws

Attach with 2.5" screws to rest of assembly

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| | | DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .001$ | DRAWN | | | |
| | | | CHECKED | | | |
| | | | ENG APPR. | | | |
| | | | MFG APPR. | | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | Q.A. | | | |
| | | MATERIAL | COMMENTS: | | | |
| | | FINISH | | | | |
| NEXT ASSY | USED ON | | | | | |
| APPLICATION | | DO NOT SCALE DRAWING | | | | |



TITLE:

2"x 4" Hab lvl 3

| | | |
|-------------|----------|--------------|
| SIZE | DWG. NO. | REV |
| A | TE-19102 | |
| SCALE: 1:16 | | WEIGHT: |
| | | SHEET 2 OF 5 |

2

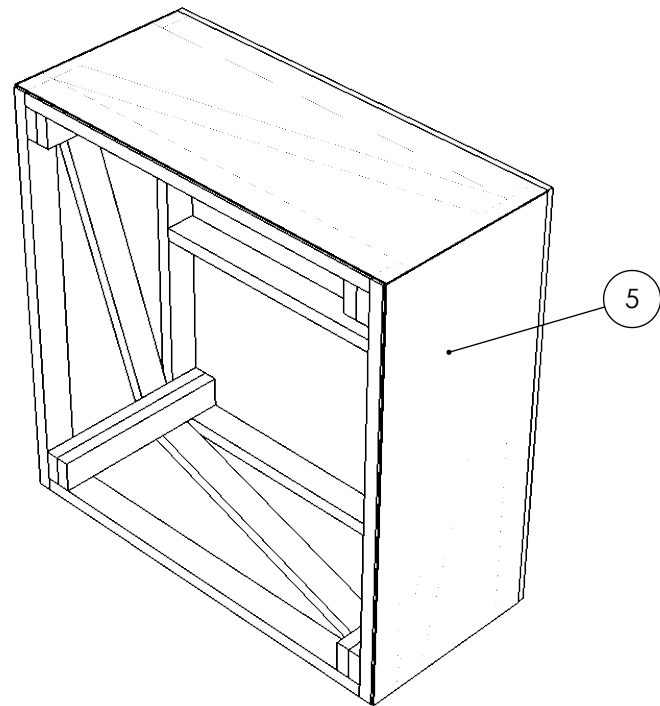
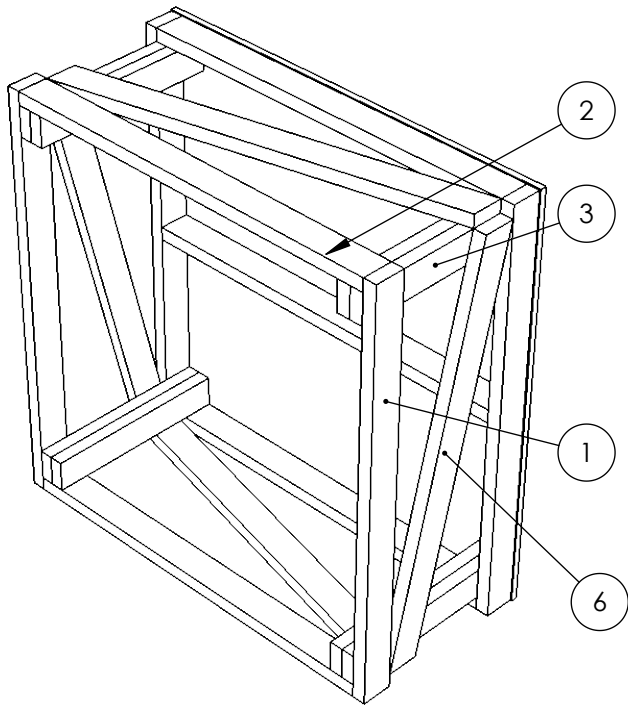
1

2

1

Step 3:

Step 4



Note:

Assemble Item 2 and 1 to the bottom of 3 with 2.5" screws
Assemble Item 6 to assembly using 2.5" screws as shown

Add item 5 sides with 1.25" screws

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|-------------|---------|--------------------------------------|-----------|------|------|
| | | UNLESS OTHERWISE SPECIFIED: | | NAME | DATE |
| | | DIMENSIONS ARE IN INCHES | DRAWN | | |
| | | TOLERANCES: | CHECKED | | |
| | | FRACTIONAL ±1/16 | ENG APPR. | | |
| | | ANGULAR: MACH ±1° BEND ±1° | MFG APPR. | | |
| | | TWO PLACE DECIMAL ±.01 | Q.A. | | |
| | | THREE PLACE DECIMAL ±.001 | COMMENTS: | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | | | |
| | | MATERIAL | | | |
| NEXT ASSY | USED ON | FINISH | | | |
| APPLICATION | | DO NOT SCALE DRAWING | | | |



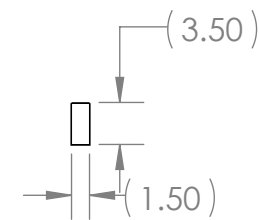
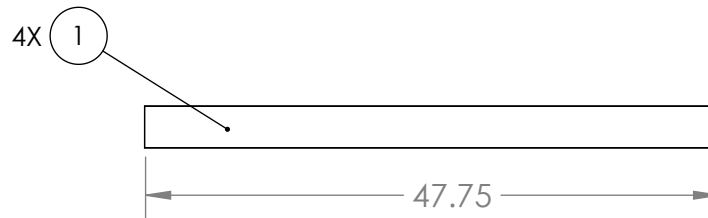
TITLE:
2"x 4" Hab lvl 3

| | | |
|-------------|----------|--------------|
| SIZE | DWG. NO. | REV |
| A | TE-19102 | |
| SCALE: 1:16 | | WEIGHT: |
| | | SHEET 3 OF 5 |

2

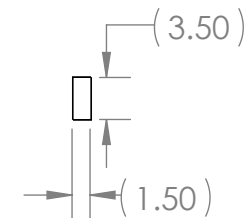
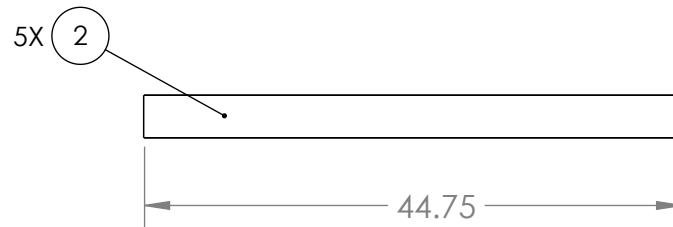
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TE-19102-01



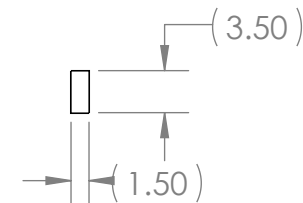
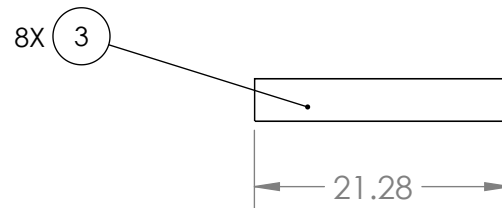
Note:
2 x 4 Pine Lumber

TE-19102-02



Note:
2 x 4 Pine Lumber

TE-19102-03



Note:
2 x 4 Pine Lumber

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| | | ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ |
| | | TWO PLACE DECIMAL $\pm .01$ |
| | | THREE PLACE DECIMAL $\pm .001$ |
| | | INTERPRET GEOMETRIC TOLERANCING PER: |
| | | MATERIAL |
| NEXT ASSY | USED ON | FINISH |
| APPLICATION | | DO NOT SCALE DRAWING |

| | | |
|-----------|------|------|
| | NAME | DATE |
| DRAWN | | |
| CHECKED | | |
| ENG APPR. | | |
| MFG APPR. | | |
| Q.A. | | |
| COMMENTS: | | |



**FIRST
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COMPETITION**

SOLIDWORKS
Modeling Solutions Partner

TITLE:

2"x 4" Hab lvl 3

| | | |
|-------------|----------|--------------|
| SIZE | DWG. NO. | REV |
| A | TE-19102 | |
| SCALE: 1:16 | | WEIGHT: |
| | | SHEET 4 OF 5 |

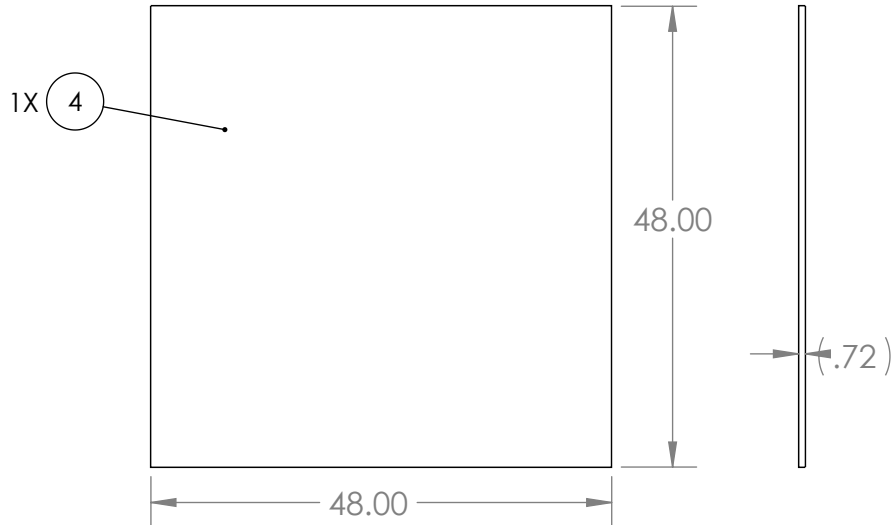
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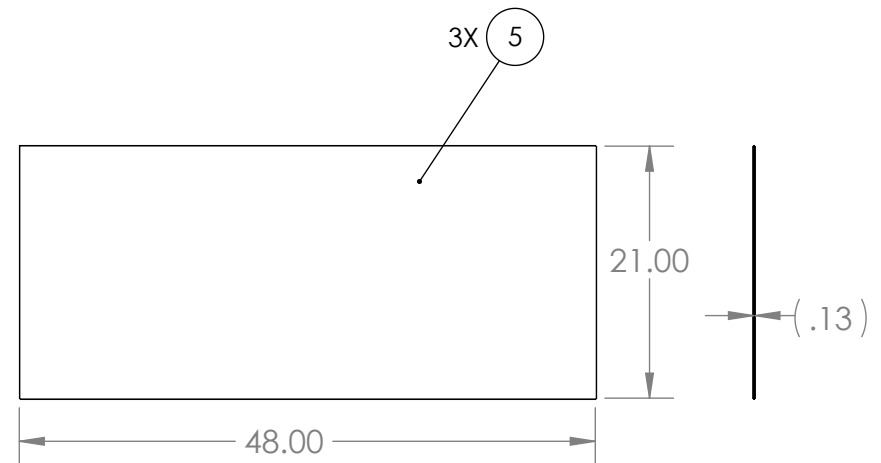
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TE-19102-04



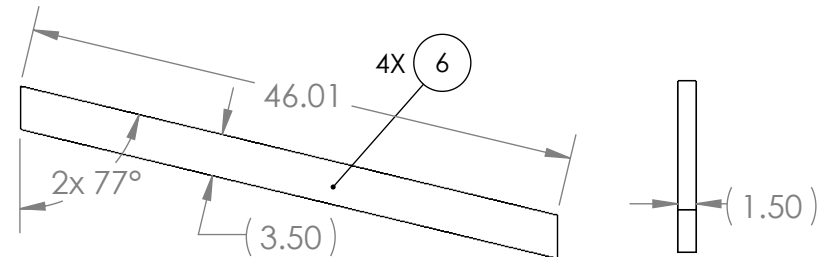
TE-19102-05



Note:
A/C or CDX 23/32" Plywood

Note:
1/8" Hardboard

TE-19102-06



Note:
2"x 4" Lumber Pine

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| | | TOLERANCES: |
| | | FRACTIONAL $\pm 1/16$ |
| | | ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$ |
| | | TWO PLACE DECIMAL $\pm .01$ |
| | | THREE PLACE DECIMAL $\pm .001$ |
| | | INTERPRET GEOMETRIC TOLERANCING PER: |
| | | MATERIAL |
| NEXT ASSY | USED ON | FINISH |
| APPLICATION | | DO NOT SCALE DRAWING |

| | NAME | DATE |
|-----------|------|------|
| DRAWN | | |
| CHECKED | | |
| ENG APPR. | | |
| MFG APPR. | | |
| Q.A. | | |
| COMMENTS: | | |



TITLE:
2"x 4" Hab Ivl 3

| | | |
|-------------|-----------------|--------------|
| SIZE | DWG. NO. | REV |
| A | TE-19102 | |
| SCALE: 1:16 | | WEIGHT: |
| | | SHEET 5 OF 5 |

2

1