

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN MM  
 TOLERANCES:  
 ANGULAR:  $\pm 0.5^\circ$   
 LINEAR  
 X =  $\pm 0.5$   
 X.X =  $\pm 0.1$   
 X.XX =  $\pm 0.025$   
 SURFACE FINISH 0.6  $\mu\text{m}$  ✓  
 DO NOT SCALE DRAWING

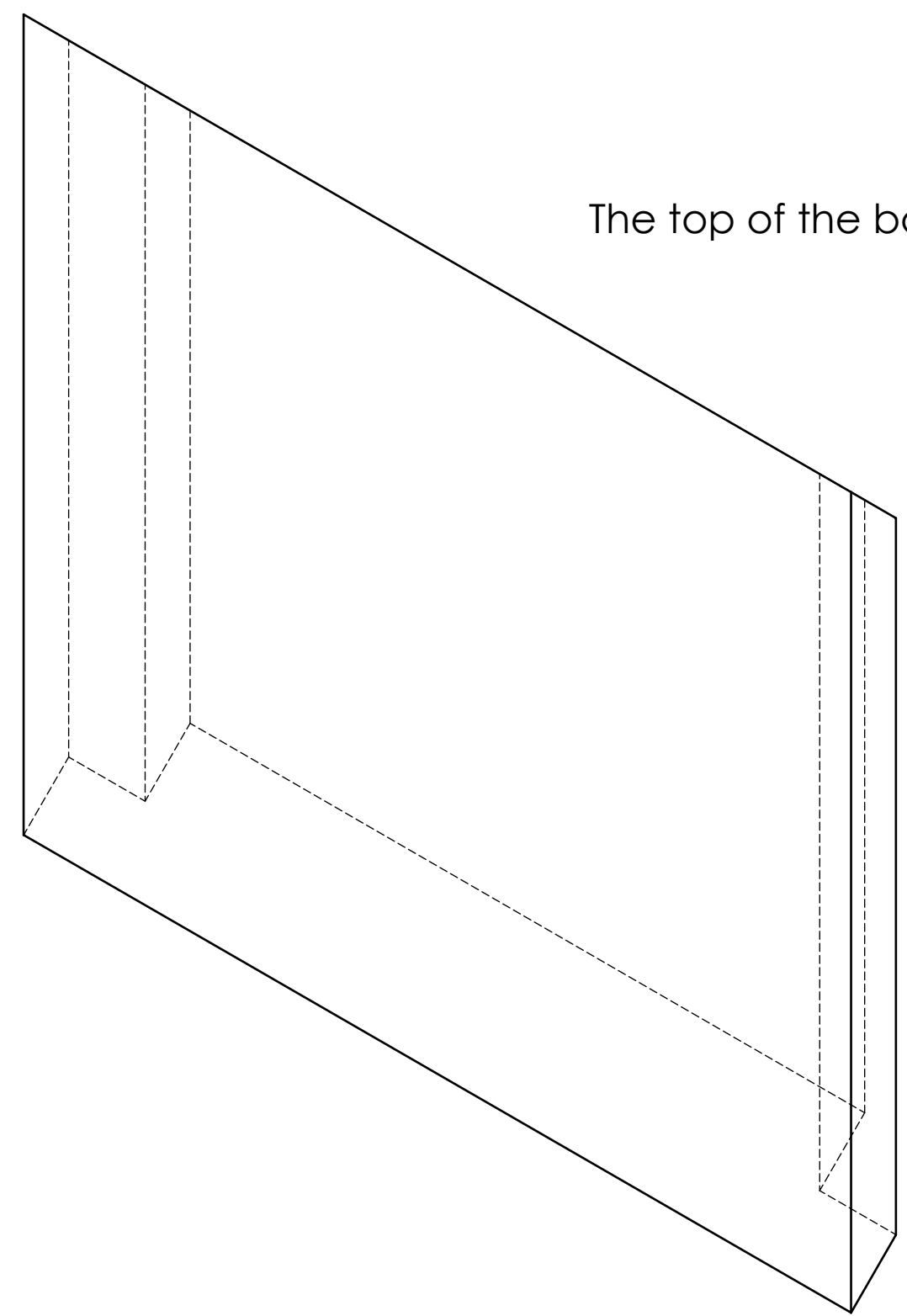
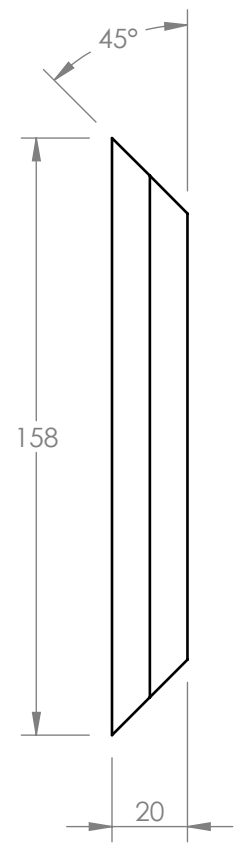
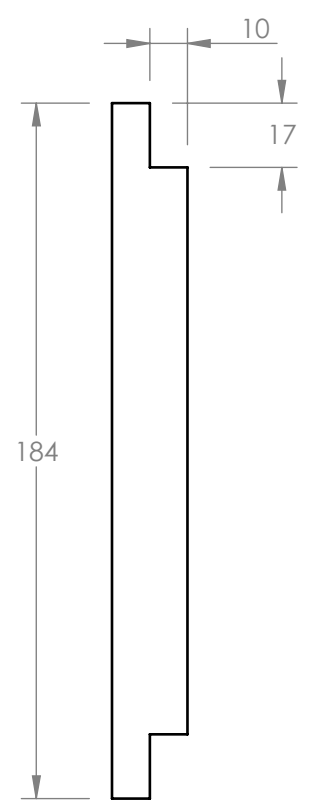
MATERIAL:  
 Pine

DRAWN BY:  
 Alex Kuebel

The Department of Mechanical Engineering  
 UNIVERSITY OF ALBERTA



### Exploded view of speaker box

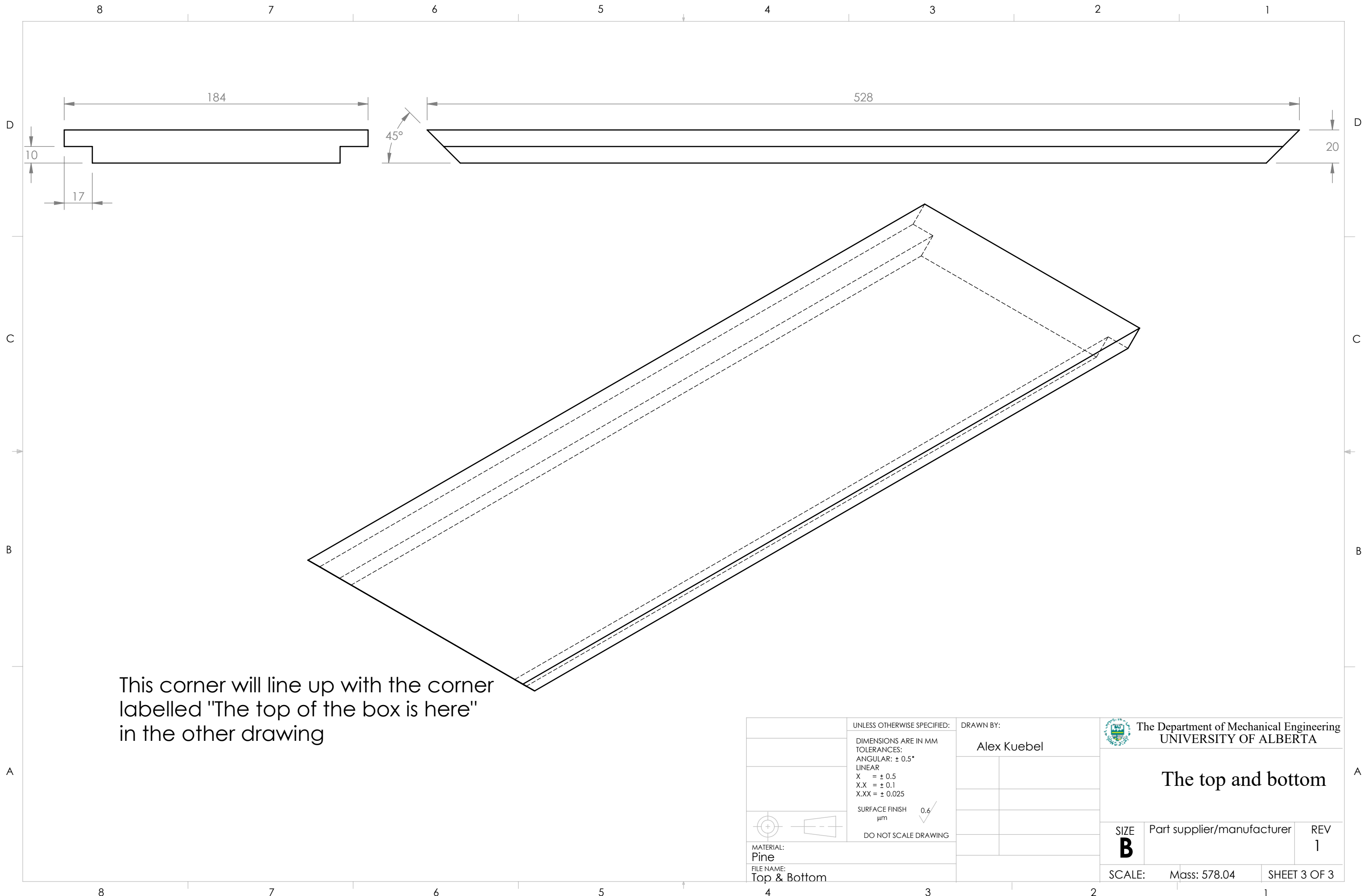
|          |                            |              |
|----------|----------------------------|--------------|
| SIZE     | Part supplier/manufacturer | REV          |
| <b>B</b> |                            |              |
| SCALE:   | Mass: 1936.50              | SHEET 1 OF 3 |




The top of the box is here

The front of the box is here

|  |  |                          |   |                            |
|--|--|--------------------------|---|----------------------------|
| <br>MATERIAL:<br>Pine | UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MM<br>TOLERANCES:<br>ANGULAR: $\pm 0.5^\circ$<br>LINEAR<br>X = $\pm 0.5$<br>X.X = $\pm 0.1$<br>X.XX = $\pm 0.025$<br>SURFACE FINISH $\mu\text{m}$ 0.6 ✓<br>DO NOT SCALE DRAWING | DRAWN BY:<br>Alex Kuebel |  The Department of Mechanical Engineering<br>UNIVERSITY OF ALBERTA |                            |
|  | The Sides  |                          | SIZE<br><b>B</b>  | Part supplier/manufacturer |
| SCALE:   |  | Mass: 157.87             | SHEET 2 OF 3  |                            |



This corner will line up with the corner  
labelled "The top of the box is here"  
in the other drawing

|   |  |                     |  |   |
|---|--|---------------------|--|---|
| UNLESS OTHERWISE SPECIFIED:   |  | DRAWN BY:           |  |  The Department of Mechanical Engineering<br>UNIVERSITY OF ALBERTA |
| DIMENSIONS ARE IN MM<br>TOLERANCES:<br>ANGULAR: $\pm 0.5^\circ$<br>LINEAR<br>X = $\pm 0.5$<br>X.X = $\pm 0.1$<br>X.XX = $\pm 0.025$<br><br>SURFACE FINISH $0.6 \mu\text{m}$ ✓<br>DO NOT SCALE DRAWING |  | Alex Kuebel         |  |   |
| MATERIAL:<br>Pine<br>FILE NAME:<br>Top & Bottom   |  |                     |  | <b>SIZE</b><br><b>B</b>   |
|   |  |                     |  | Part supplier/manufacturer<br>REV<br>1  |
|   |  | SCALE: Mass: 578.04 |  | SHEET 3 OF 3  |