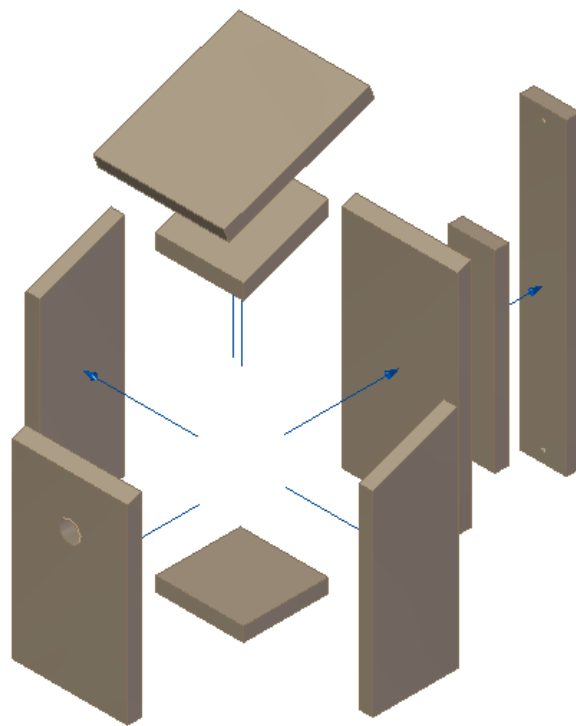


SOLID EDGE

VELOCITY SERIES



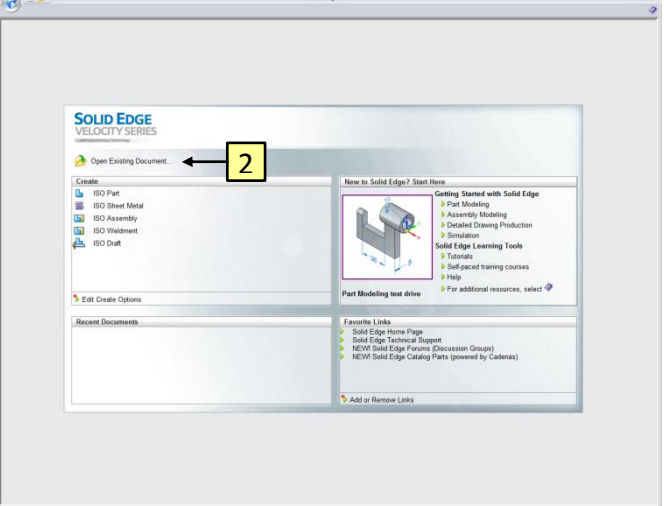

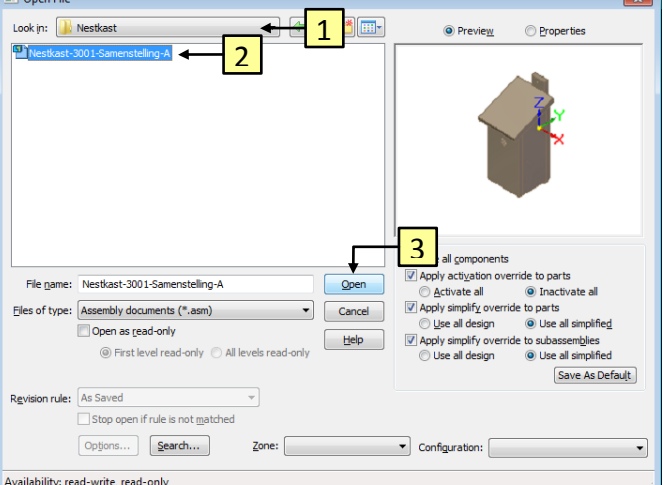
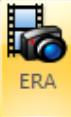
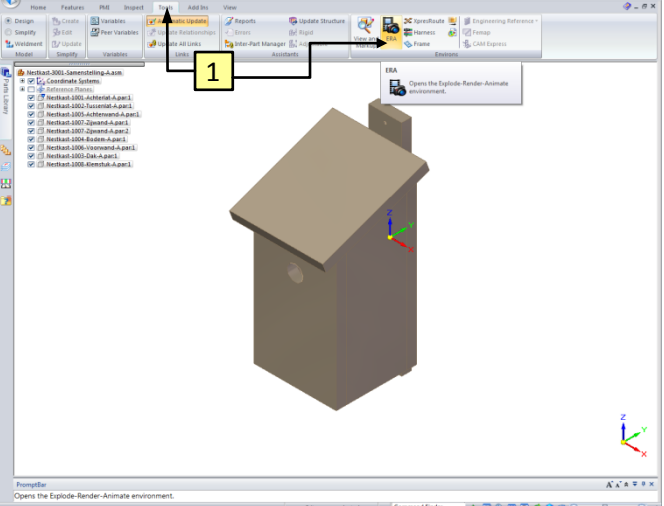



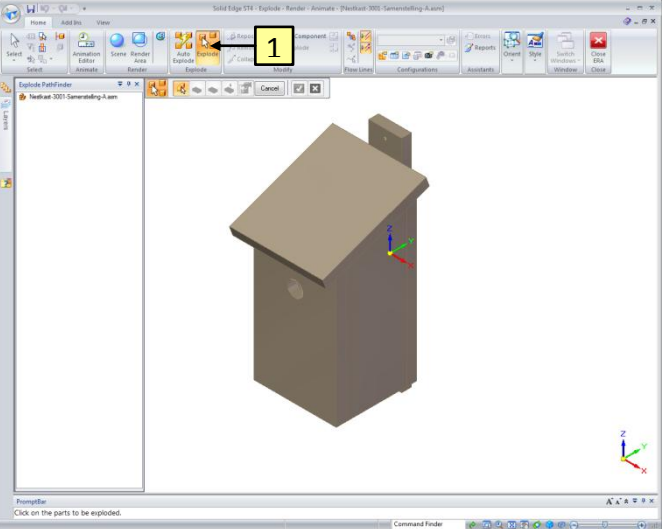


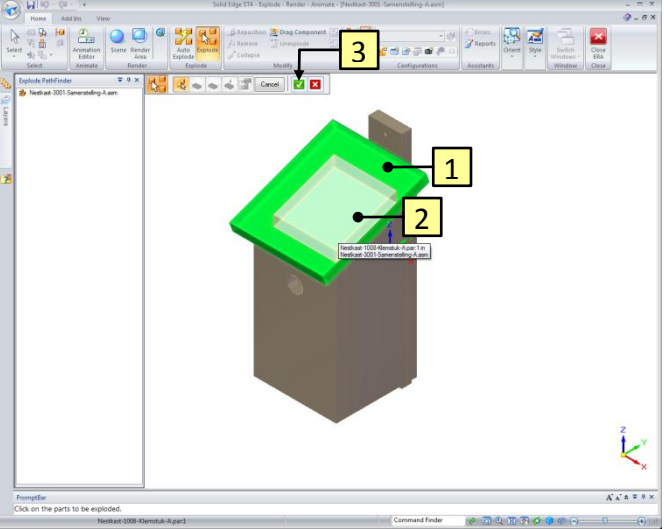


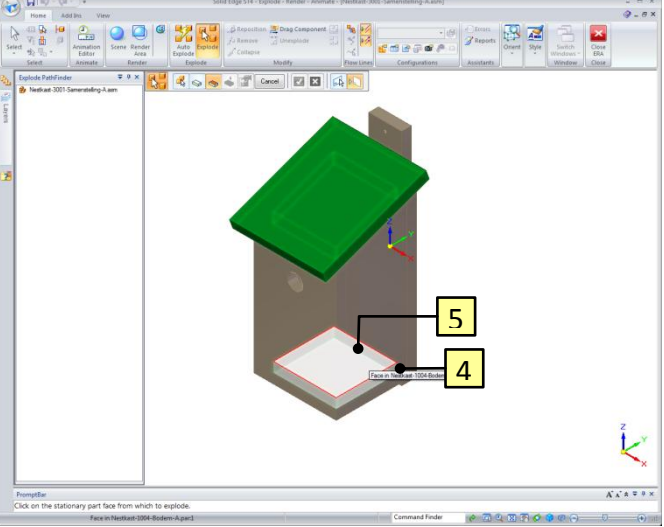
*Tutorial: **Exploded view***


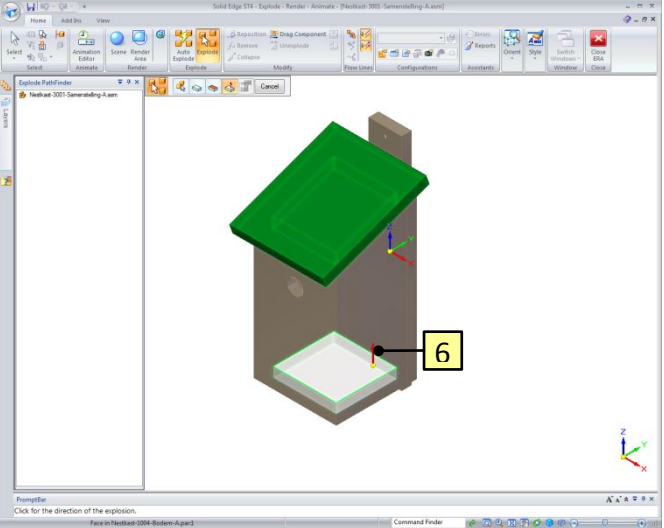

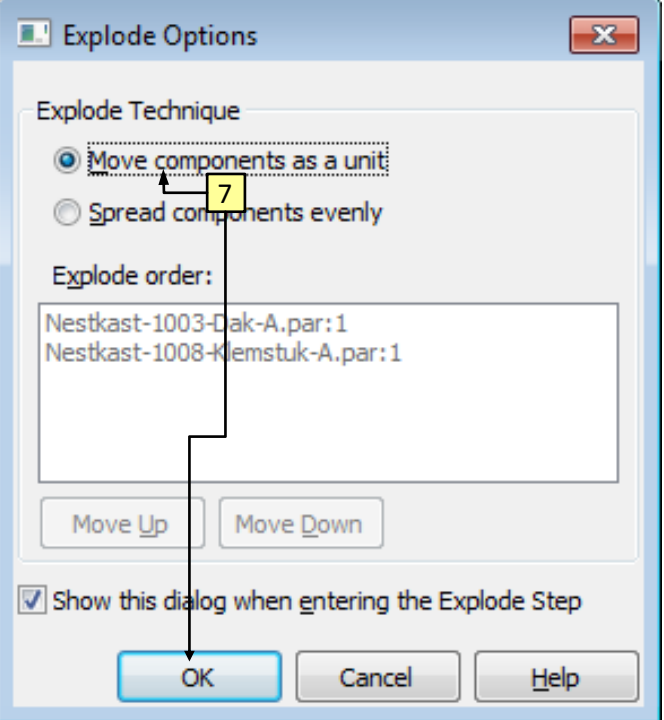


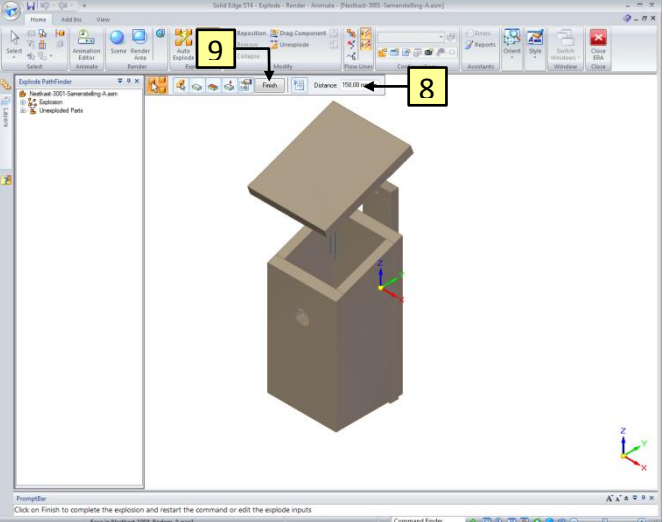
*Project: **Bird House (Synchronous)***



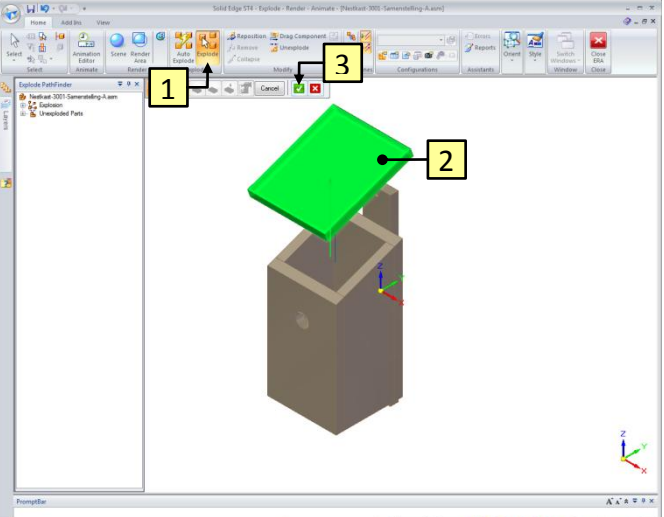

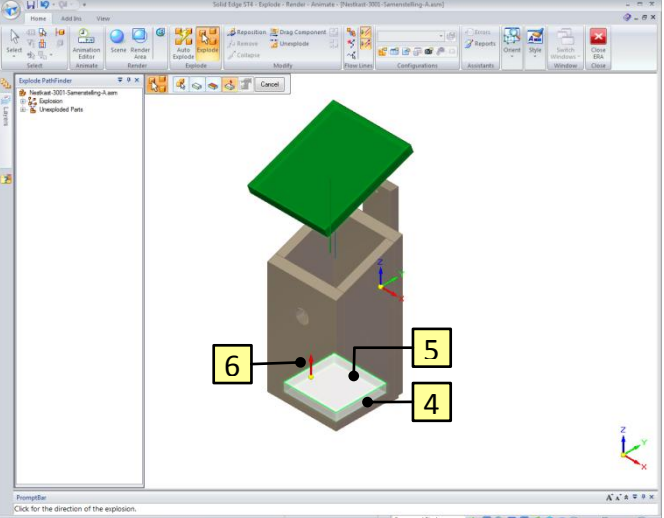


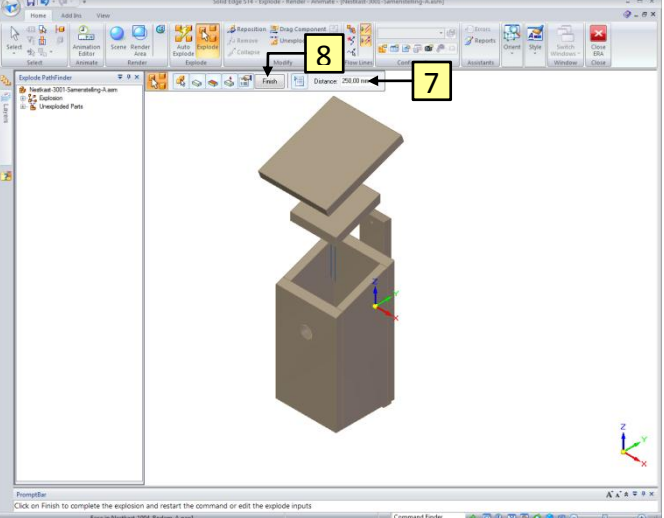
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E	<table border="1"> <tr> <td>8</td> <td>1</td> <td>Clamp</td> <td>Wood, Oak</td> <td>1008</td> <td>A</td> <td>Bird House-1008-Clamp-Apar</td> </tr> <tr> <td>7</td> <td>1</td> <td>Roof</td> <td>Wood, Oak</td> <td>1003</td> <td>A</td> <td>Bird House-1003-Roof-Apar</td> </tr> <tr> <td>6</td> <td>1</td> <td>Frontplate</td> <td>Wood, Oak</td> <td>1006</td> <td>A</td> <td>Bird House-1006-Frontplate-Apar</td> </tr> <tr> <td>5</td> <td>1</td> <td>Bottom</td> <td>Wood, Oak</td> <td>1004</td> <td>A</td> <td>Bird House-1004-Bottom-Apar</td> </tr> <tr> <td>4</td> <td>2</td> <td>Sidewall</td> <td>Wood, Oak</td> <td>1007</td> <td>A</td> <td>Bird House-1007-Sidewall-Apar</td> </tr> <tr> <td>3</td> <td>1</td> <td>Backplate</td> <td>Wood, Oak</td> <td>1005</td> <td>A</td> <td>Bird House-1005-Backplate-Apar</td> </tr> <tr> <td>2</td> <td>1</td> <td>Connect Lath</td> <td>Wood, Oak</td> <td>1002</td> <td>A</td> <td>Bird House-1002-Connect Lath-Apar</td> </tr> <tr> <td>1</td> <td>1</td> <td>Rear Lath</td> <td>Wood, Oak</td> <td>1001</td> <td>A</td> <td>Bird House-1001-Rear Lath-Apar</td> </tr> <tr> <td>ITEM</td> <td>NUMBER</td> <td>TITEL</td> <td>MATERIAL</td> <td>DOCUMENT NR.</td> <td>REV.</td> <td>FILENAME</td> </tr> </table>						8	1	Clamp	Wood, Oak	1008	A	Bird House-1008-Clamp-Apar	7	1	Roof	Wood, Oak	1003	A	Bird House-1003-Roof-Apar	6	1	Frontplate	Wood, Oak	1006	A	Bird House-1006-Frontplate-Apar	5	1	Bottom	Wood, Oak	1004	A	Bird House-1004-Bottom-Apar	4	2	Sidewall	Wood, Oak	1007	A	Bird House-1007-Sidewall-Apar	3	1	Backplate	Wood, Oak	1005	A	Bird House-1005-Backplate-Apar	2	1	Connect Lath	Wood, Oak	1002	A	Bird House-1002-Connect Lath-Apar	1	1	Rear Lath	Wood, Oak	1001	A	Bird House-1001-Rear Lath-Apar	ITEM	NUMBER	TITEL	MATERIAL	DOCUMENT NR.	REV.	FILENAME
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7	1	Roof	Wood, Oak	1003	A	Bird House-1003-Roof-Apar																																																															
6	1	Frontplate	Wood, Oak	1006	A	Bird House-1006-Frontplate-Apar																																																															
5	1	Bottom	Wood, Oak	1004	A	Bird House-1004-Bottom-Apar																																																															
4	2	Sidewall	Wood, Oak	1007	A	Bird House-1007-Sidewall-Apar																																																															
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PROJECT: Birdhouse																																																																					

<p>1</p>  <p>+</p> 	<ol style="list-style-type: none"> 1. Start Solid Edge. 2. Click on <u>Open Existing Document...</u> 	
<p>2</p> 	<ol style="list-style-type: none"> 1. Browse to the folder Birdhouse. 2. Click on the Bird House-3001-Assembly-A file. 3. Click the Open button. <p>Hint: Make sure Assembly Document (*.asm) is selected at Files.</p>	
<p>3</p> 	<ol style="list-style-type: none"> 1. Click on Tools → ERA. 	

<p>4</p> 	<p>1. Click the Explode button.</p>	
<p>5</p> 	<p>1. Click on the Roof. 2. Click on the Clamp. 3. Click on the  icon.</p>	
<p>6</p>  <p>Hint: Point the cursor at the plane. Wait until the  icon appears and click the RMB. Select the plane in the QuickPick.</p>	<p>4. Click on the bottom. 5. Click on the upper plane of the bottom.</p>	

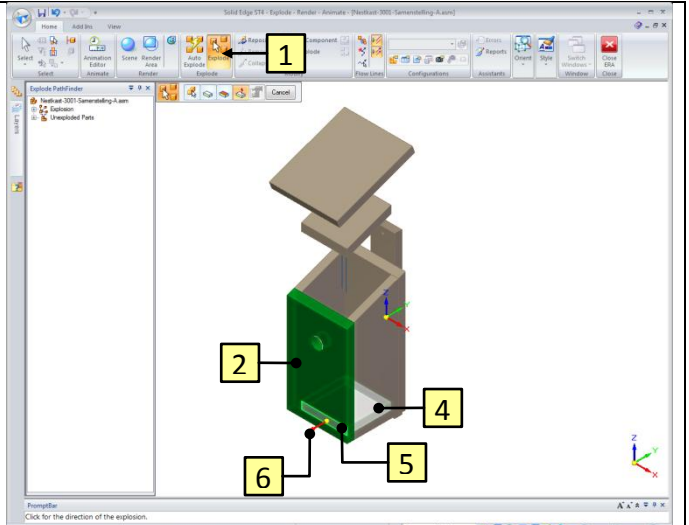
<p>7</p> 	<p>6. Make sure the arrow is up and click.</p>	
<p>8</p> 	<p>7. Make sure the Move components as a unit is selected and click the OK button.</p>	
<p>9</p>  	<p>8. Key in the value 150 at Distance and confirm with Enter.</p> <p>9. Click the Finish button.</p>	

<p>10</p> 	<ol style="list-style-type: none"> 1. Click the Explode. 2. Click on the Roof. 3. Click on the  icon. 	
<p>11</p> 	<ol style="list-style-type: none"> 4. Click on the Bottom. 5. Click on the upper plane of the bottom. 6. Make sure the arrow is turn up and click. 	
<p>12</p> 	<ol style="list-style-type: none"> 7. Key in the value 250 and confirm with Enter. 8. Click the Finish button. 	

13



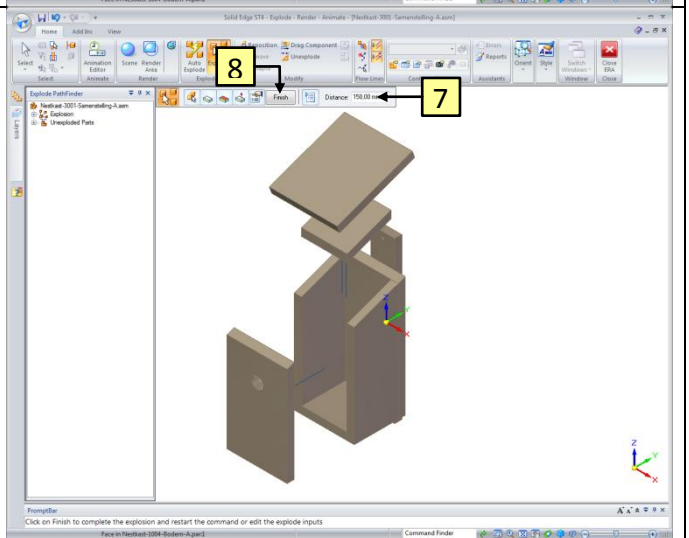
1. Click the **Explode** button.
2. Click on the **front plate**.
3. Click on the icon.
4. Click on the **Bottom**.
5. Click on the front plate of the **Bottom**.
6. Make sure the arrow is pointed outside, as shown, and click.



14



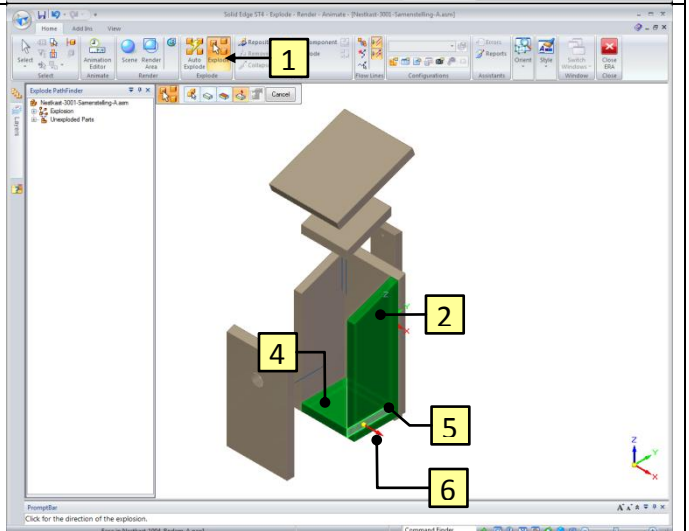
7. Key in the value **150** at Distance and confirm with **Enter**.
8. Click the **Finish** button.



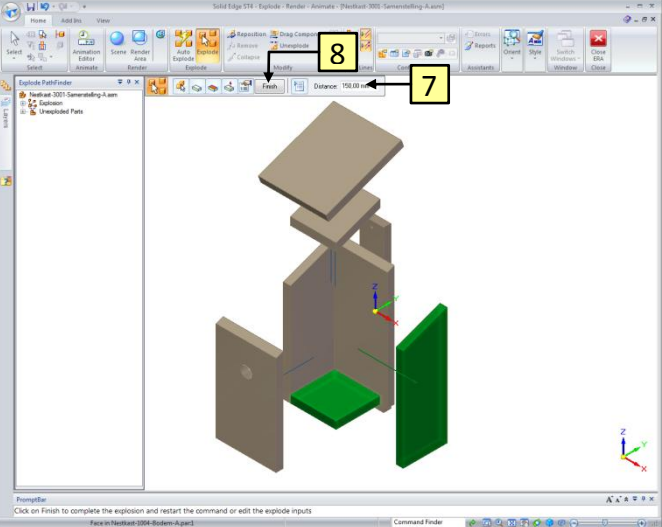

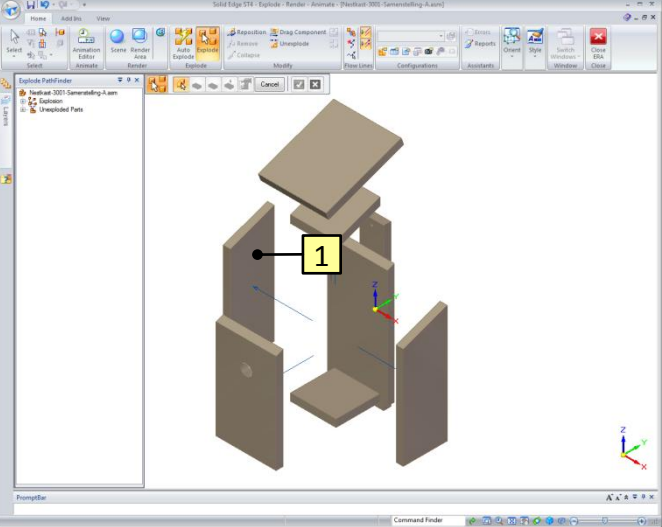

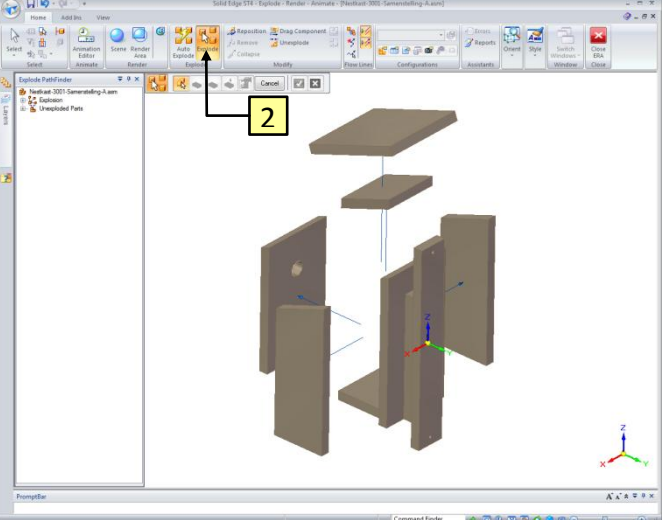


15



1. Click on the **Explode** button.
2. Click on the **Sidewall**.
3. Click on the icon.
4. Click on the **Bottom**.
5. Click on the side plane of the **Bottom**.
6. Make sure the arrow is pointed outside and click.

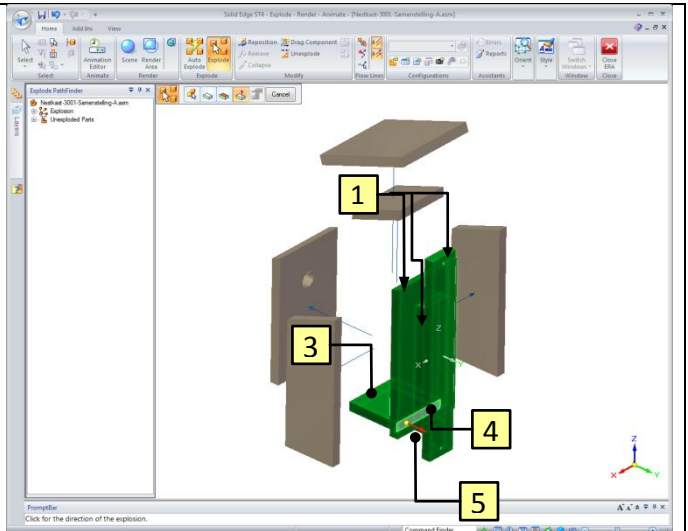


<p>16</p> 	<p>7. Key in the value 150 at Distance and confirm with Enter.</p> <p>8. Click the Finish button.</p> 	
<p>17</p> 	<p>1. Repeat steps 15 and 16 to explode the second sidewall.</p>	
<p>18</p> 	<p>2. Click the Explode button.</p> <p>3. Turn the view, as shown.</p>	

19



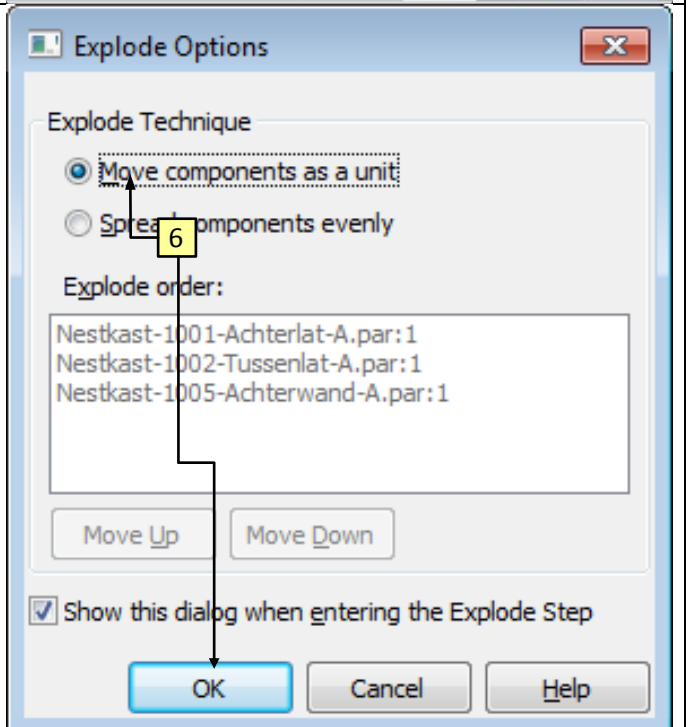
1. Click on the **Rear plate**, **Connect Lath and Rear Lath**.
2. Click on the icon.
3. Click on the **bottom**.
4. Click on the rear plane of the **bottom**.
5. Make sure the arrow is pointed outside, as shown, and click.



20



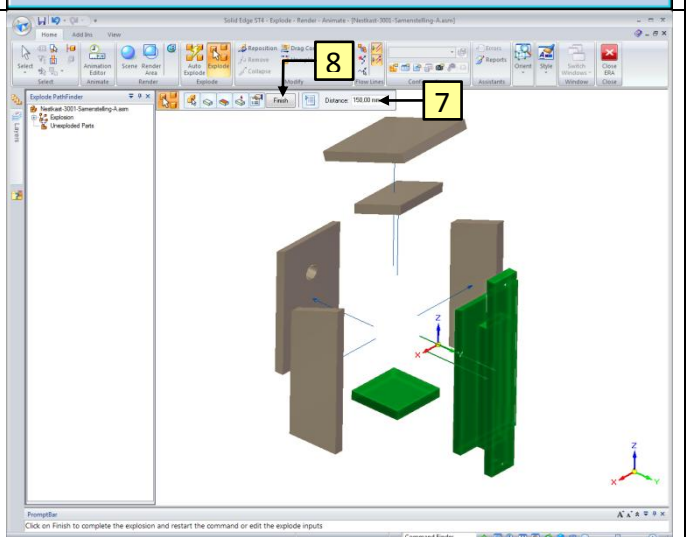
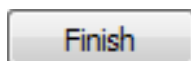
6. Make sure the Move components as a unit is selected and click the **OK** button.



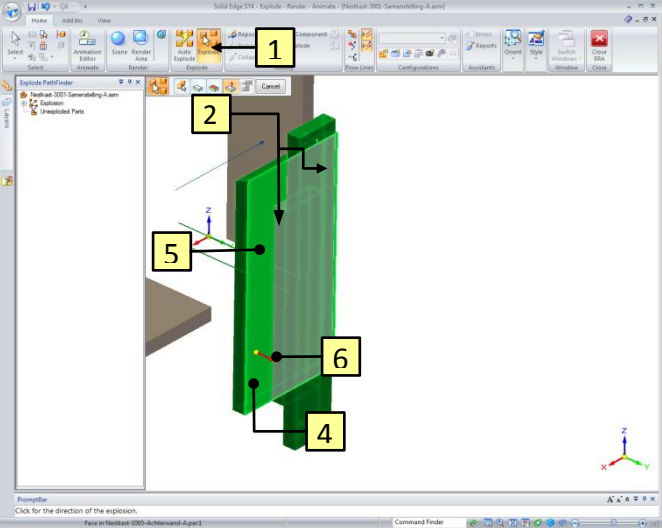

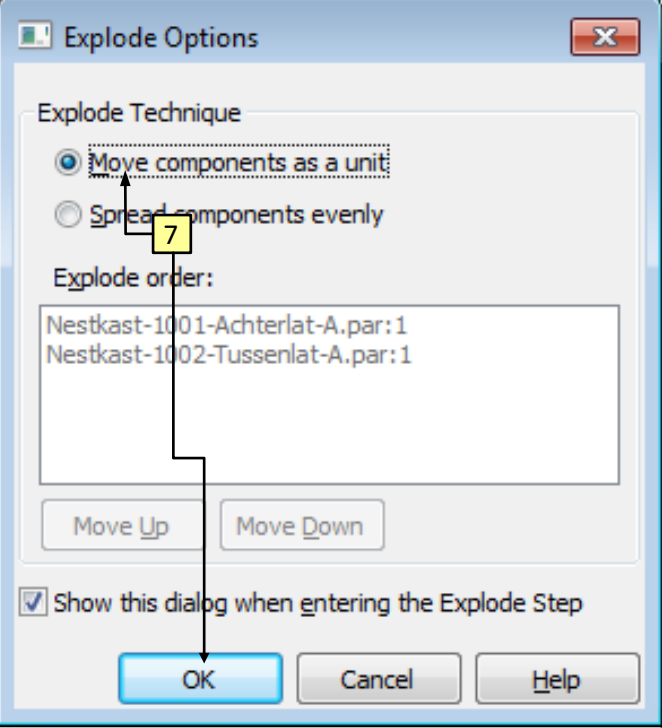

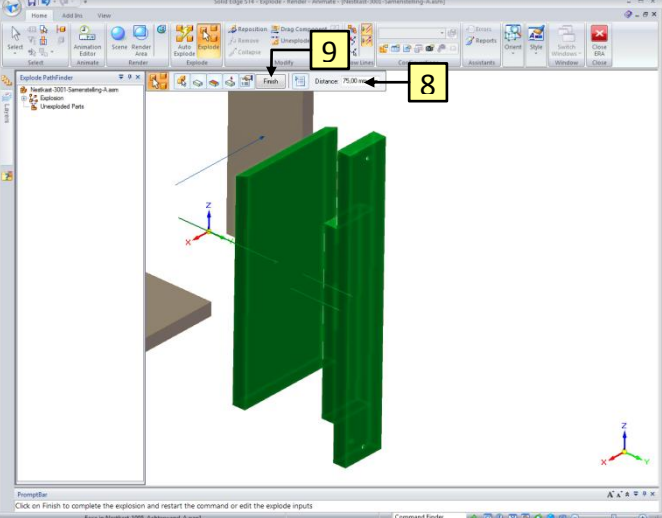




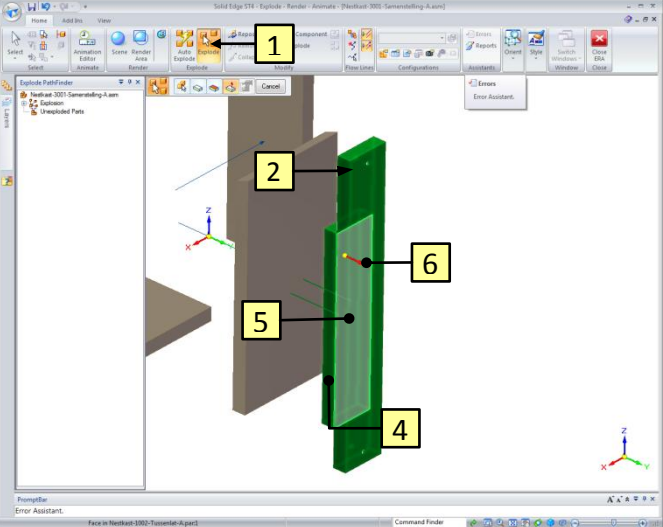


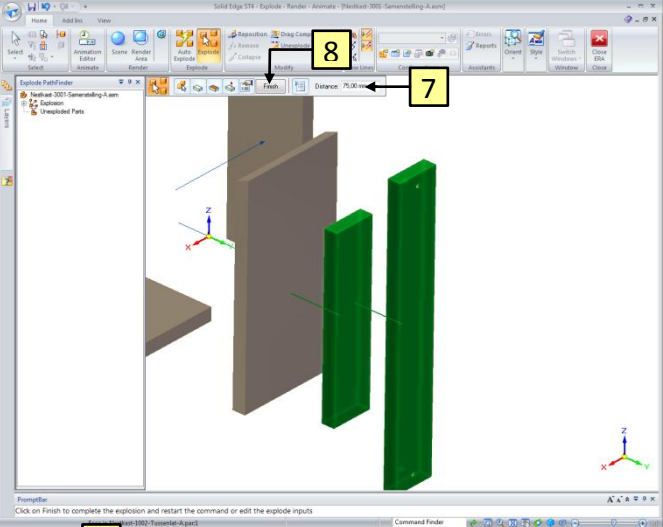

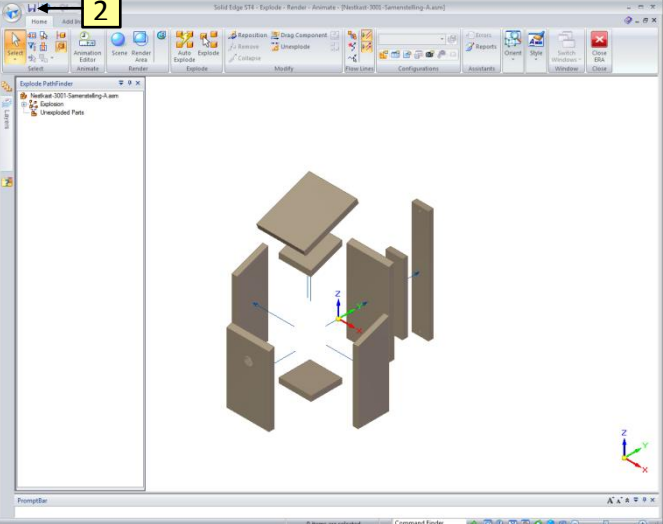
21


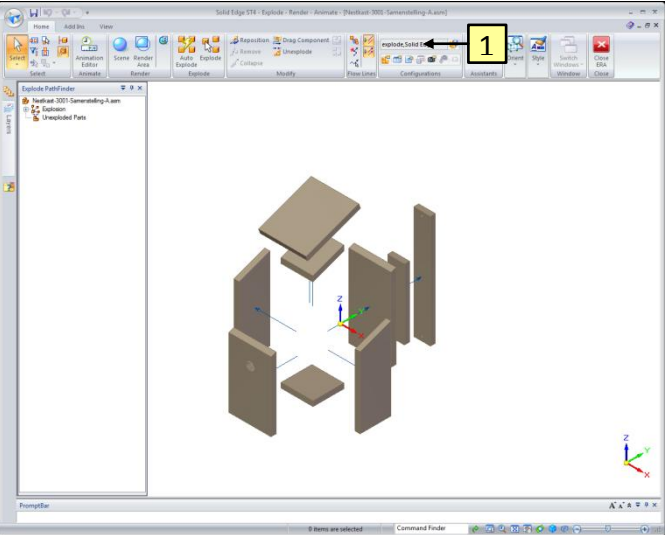

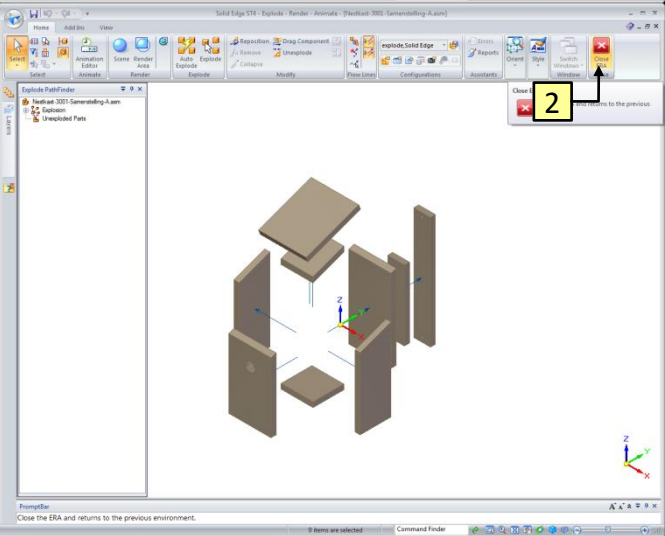



7. Key in the value **150** at Distance and confirm with **Enter**.
8. Click the **Finish** button.



<p>22</p> 	<ol style="list-style-type: none"> 1. Click the Explode button. 2. Click on the Connect Lath and Rear Lath. 3. Click on the  icon. 4. Click on the Rear plate. 5. Click on the plane of the Rear plate. 6. Make sure the arrow is pointed outside, as shown, and click. 	
<p>23</p> 	<ol style="list-style-type: none"> 7. Make sure the Move components as a unit is selected and click the OK button. 	
<p>24</p> 	<ol style="list-style-type: none"> 8. Key in the value 75 at Distance and confirm with Enter. 9. Click the Finish button. <div data-bbox="331 1680 523 1738" data-label="Image"> </div>	

<p>25</p> 	<ol style="list-style-type: none"> 1. Click the Explode button. 2. Click on the Rear Lath. 3. Click on the  icon. 4. Click on the Connect Lath. 5. Click on the rear plane of the Connect Lath. 6. Make sure the arrow is pointed outside, as shown, and click. 	
<p>26</p> 	<ol style="list-style-type: none"> 7. Key in the value 75 at Distance and confirm with Enter. 8. Click the Finish button. 	
<p>27</p> 	<ol style="list-style-type: none"> 1. Press Ctrl + i to turn the view. 2. Click on the floppy icon to save the file. 	

<p>28</p> 	<p>1. Now you can switch in the field Configurations between the Exploded View and Default Assembly.</p>	
<p>29</p> 	<p>2. Click the Close ERA button.</p>	
<p>30</p> 	<p>3. Click on the floppy icon to save the file. 4. Close the file.</p>	