<table>
<thead>
<tr>
<th>Wood Index</th>
<th>Part Name</th>
<th>Description</th>
<th>Length</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Table Top</td>
<td>2x8 SPF Treated Wood</td>
<td>See P.16</td>
<td>7</td>
</tr>
<tr>
<td>2a</td>
<td>Table Top Middle Joist</td>
<td>2x6 SPF Treated Wood</td>
<td>±48&quot;</td>
<td>2</td>
</tr>
<tr>
<td>2b</td>
<td>Table Top Outer Joist</td>
<td>2x8 SPF Treated Wood</td>
<td>±44&quot;</td>
<td>1</td>
</tr>
<tr>
<td>3a</td>
<td>Rear Legs Support</td>
<td>2x6 SPF Treated Wood</td>
<td>30 ½&quot;</td>
<td>1</td>
</tr>
<tr>
<td>3b</td>
<td>Rear Legs</td>
<td>2x4 SPF Treated Wood</td>
<td>30 ½&quot;</td>
<td>2</td>
</tr>
<tr>
<td>3c</td>
<td>Rear Legs Anchor</td>
<td>2x6 SPF Treated Wood</td>
<td>5 ½&quot;</td>
<td>1</td>
</tr>
<tr>
<td>4a</td>
<td>Front Leg Cross Beams</td>
<td>2x6 SPF Treated Wood</td>
<td>33 ½&quot;</td>
<td>3</td>
</tr>
<tr>
<td>4b</td>
<td>Front Legs</td>
<td>4x4 SPF Treated Wood</td>
<td>30 ½&quot;</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>Floor Anchor</td>
<td>2x6 SPF Treated Wood</td>
<td>±42&quot;</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Front Support</td>
<td>2x6 SPF Treated Wood</td>
<td>30 ½&quot;</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fastener and Coating Index</th>
<th>Part Name</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Screws</td>
<td>3&quot; Exterior Wood Screws</td>
<td>± 110</td>
</tr>
<tr>
<td>2</td>
<td>Wood Treatment</td>
<td>Exterior Oil Base Penetrating Natural Wood Finish</td>
<td>± 1 gallon</td>
</tr>
</tbody>
</table>

Philmont Scout Ranch

Title: Material List

Rifle Range Sighting Bench

Drawn by: Timothy Freeman

Wood: SPF

Date: 4/10/2013

Scale: NTS

Version: 3

Page: 2 of 16
Rifle Range Sighting Bench

Philmont Scout Ranch

Title: View Point

Drawn by: Timothy Freeman
Wood: SPF
Date: 4/10/2013
Scale: NTS
Version: 3
Page: 3 of 16
Begin by assembling joists and upper front leg support.

Note: Length of bench will depend on outer joist length, depending on adjustment, adjust all lateral pieces accordingly to outer joist length.
Add 4x4 front legs and 2x6 rear leg
Attach remaining 2x6 front legs support cross beams as well as remaining rear leg 2x4s
Add 2x6 lateral floor anchor, 2x6 front vertical support, and 2x6 rear legs anchor. Be sure to fasten vertical floor and rear leg anchor to lateral floor anchor. Then when anchor is attached to fasten assembly to rear legs.

Note: Adjust floor anchor length accordingly with table top joists

Add 2x8 center joist.

Note: Adjust table top center joist according to outer joist length

Add 2x6 front legs lateral support and drill into both front support cross beams
Add each 2x8 individually, latching boards along front leg support cross beam, joists, and rear leg.
Depth of cut into 4x4 should be $\pm 5\frac{3}{8}''$ to have 2x6 joist flush with top of 4x4

Depth of cut into 2x4 should be $\pm 5\frac{3}{8}''$ to have 2x6 joist flush with top of 2x4
Pilot all holes prior to fastening 3" exterior wood screws.
Pilot all holes prior to fastening 3" exterior wood screws.
Pilot all holes prior to fastening 3" exterior wood hex screws.
Rifle Range Sighting Bench

Drawn by: Timothy Freeman
Wood: SPF
Date: 4/10/2013
Scale: NTS
Version: 3
Page: 14 of 16
Pilot all holes prior to fastening 3" exterior wood screws.
Philmont Scout Ranch

Title: Table Top Rifle Range Sighting Bench

Drawn by: Timothy Freeman
Wood: SPF
Date: 4/10/2013
Scale: NTS
Version: 3
Page: 16 of 16

Pilot all holes prior to fastening 3" exterior wood screws