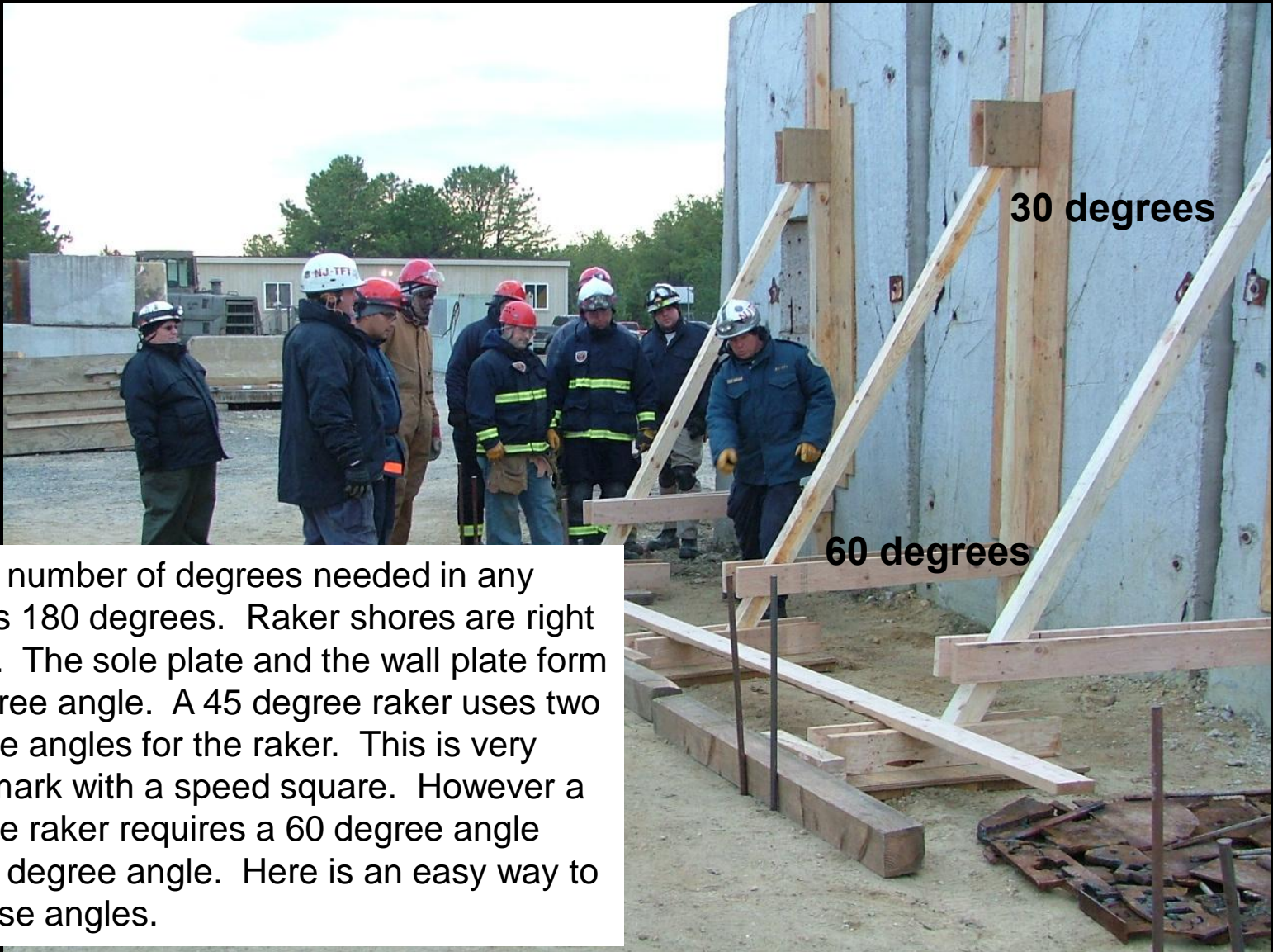


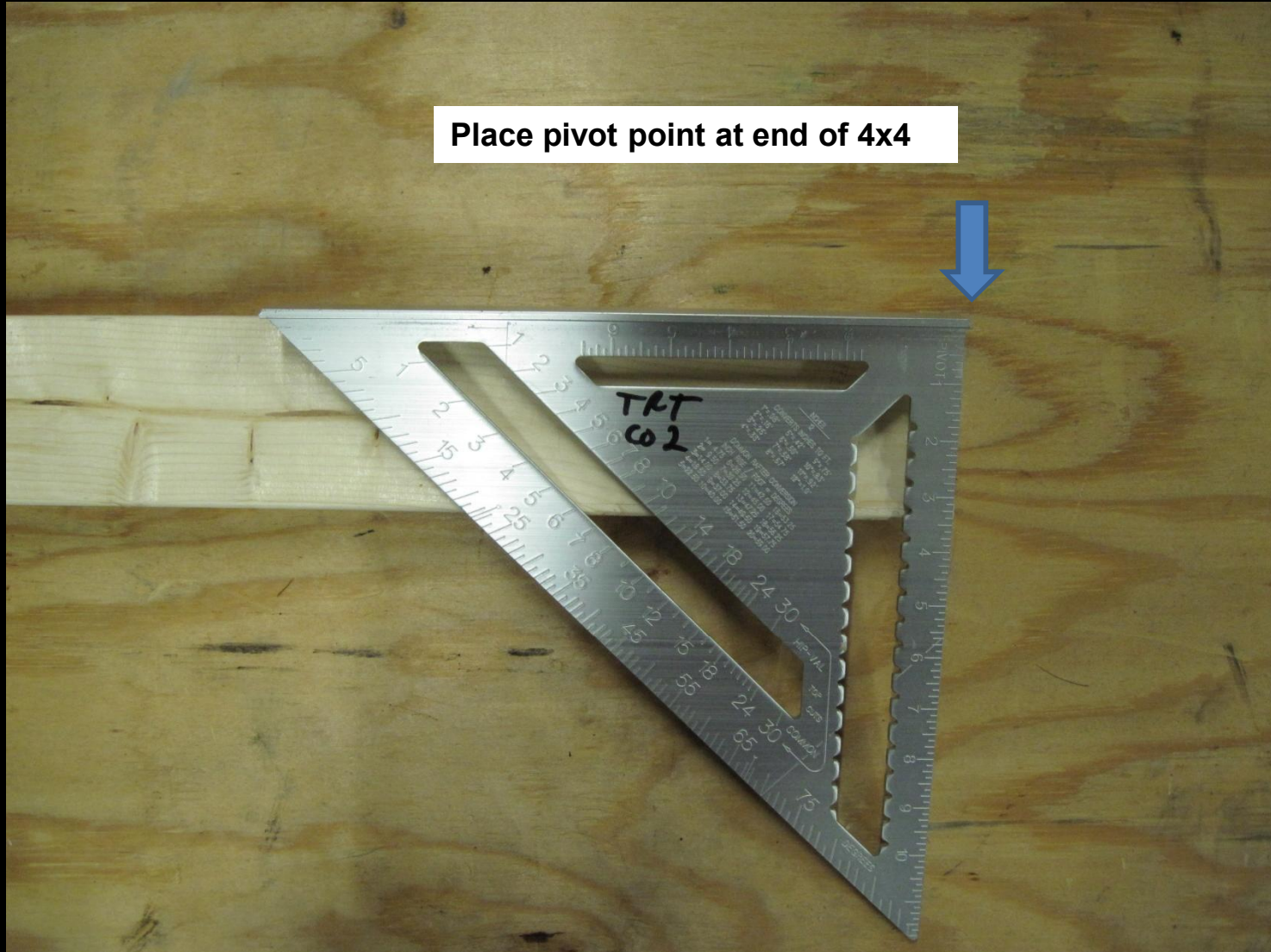
How to Cut the Angles for a 60 degree Raker Shore



The total number of degrees needed in any triangle is 180 degrees. Raker shores are right triangles. The sole plate and the wall plate form a 90 degree angle. A 45 degree raker uses two 45 degree angles for the raker. This is very easy to mark with a speed square. However a 60 degree raker requires a 60 degree angle and a 30 degree angle. Here is an easy way to mark these angles.

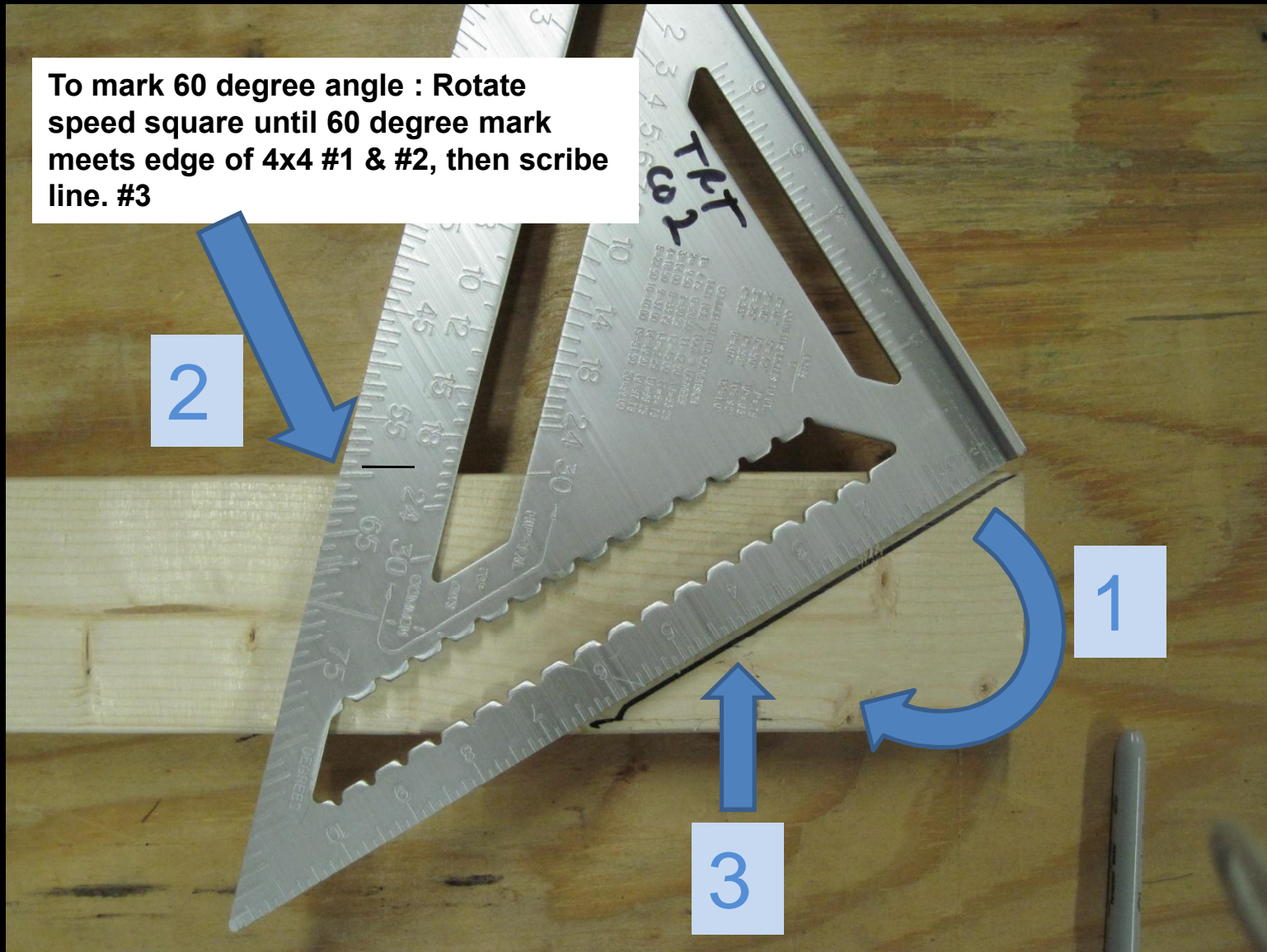
How to Cut the Angles for a 60 degree Raker Shore

Place pivot point at end of 4x4



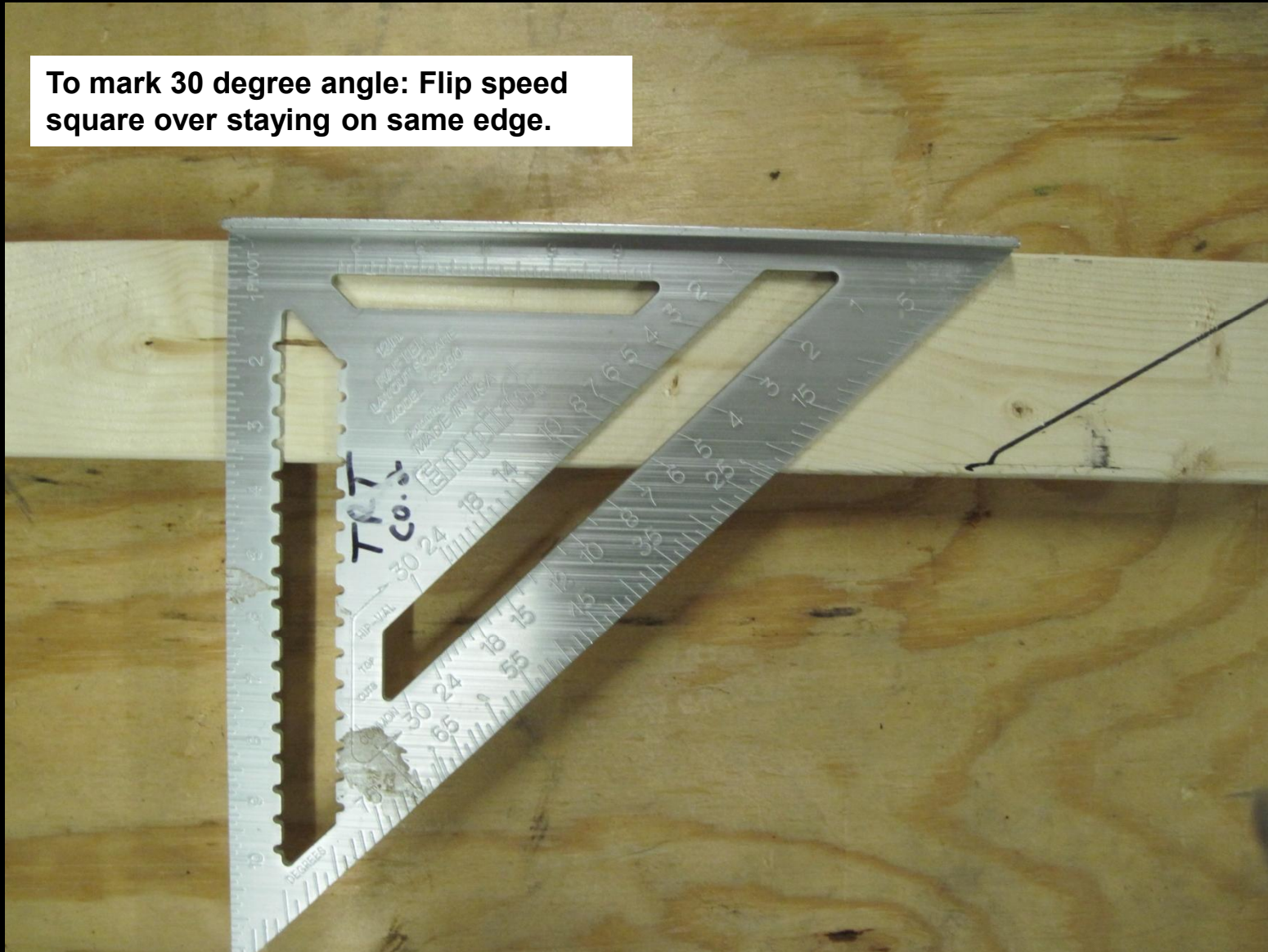
How to Cut the Angles for a 60 degree Raker Shore

To mark 60 degree angle : Rotate speed square until 60 degree mark meets edge of 4x4 #1 & #2, then scribe line. #3



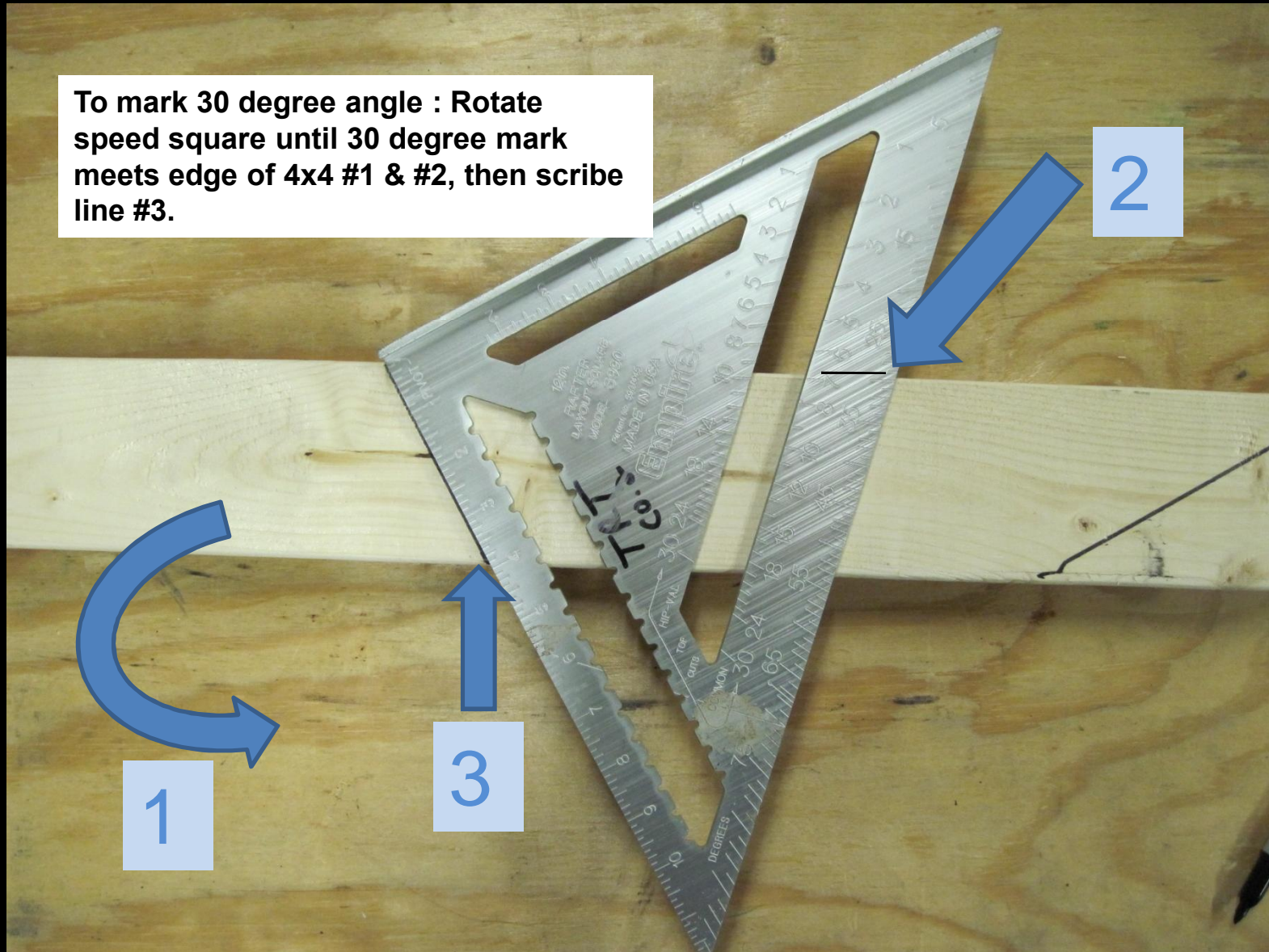
How to Cut the Angles for a 60 degree Raker Shore

To mark 30 degree angle: Flip speed square over staying on same edge.



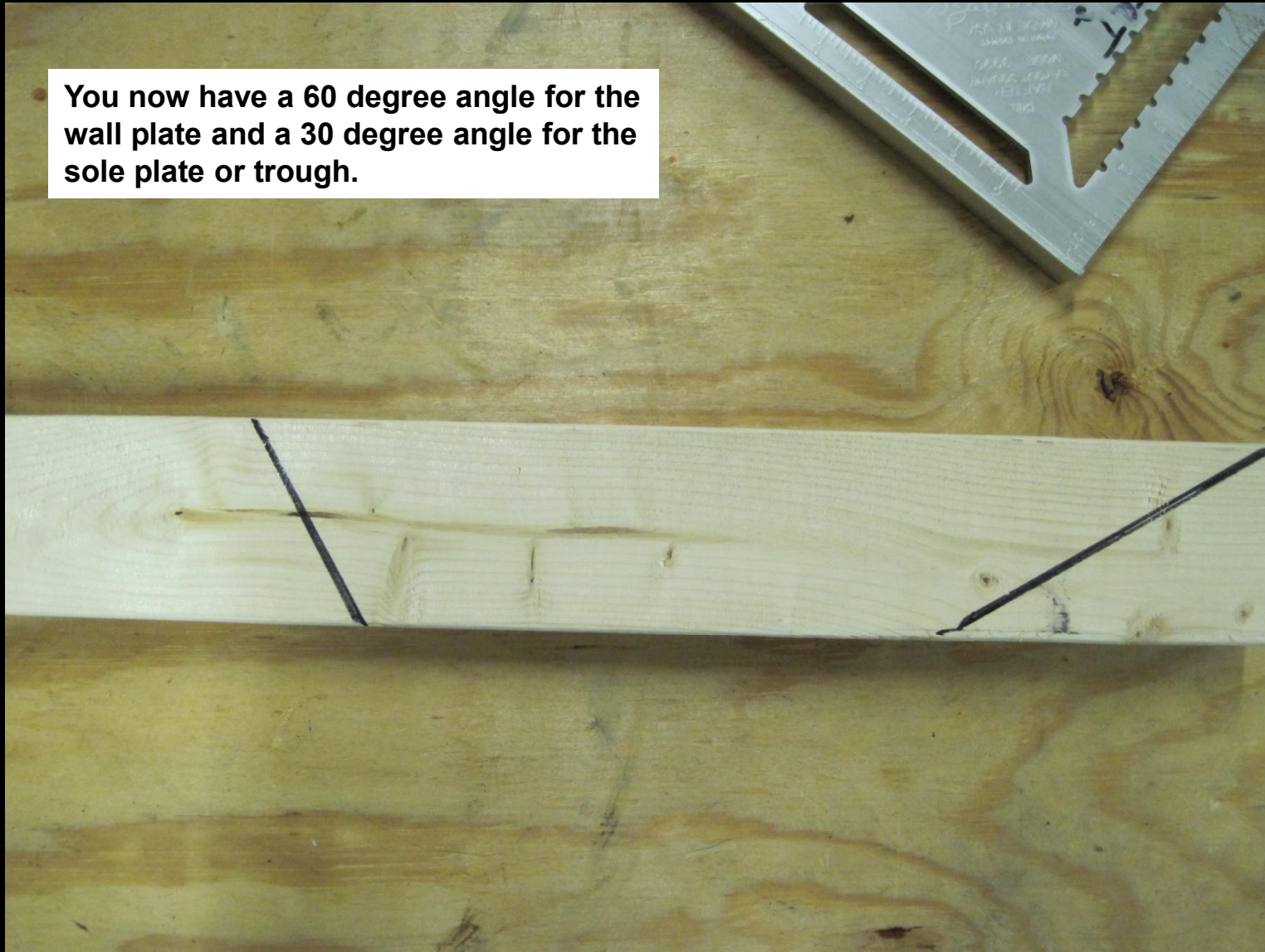
How to Cut the Angles for a 60 degree Raker Shore

To mark 30 degree angle : Rotate speed square until 30 degree mark meets edge of 4x4 #1 & #2, then scribe line #3.



How to Cut the Angles for a 60 degree Raker Shore

You now have a 60 degree angle for the wall plate and a 30 degree angle for the sole plate or trough.



How to Cut the Angles for a 60 degree Raker Shore

Finish marking by adding the cut lines needed to meet the 2x4 cleats. Use scrape 2x4 to mark lines.

