

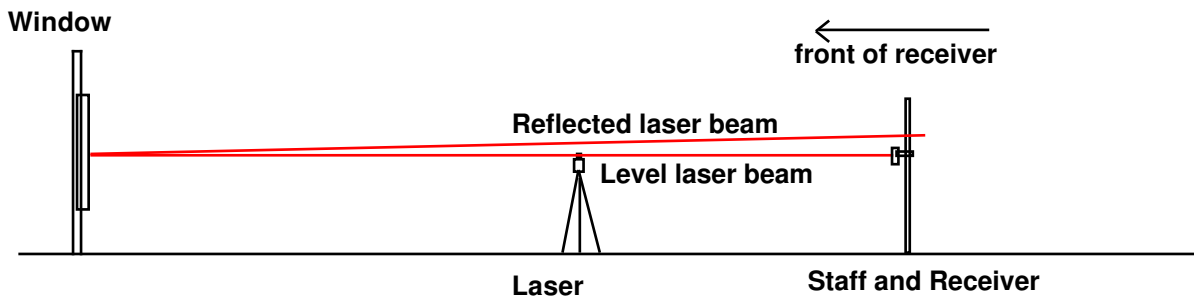


Laser Level Trouble shooter

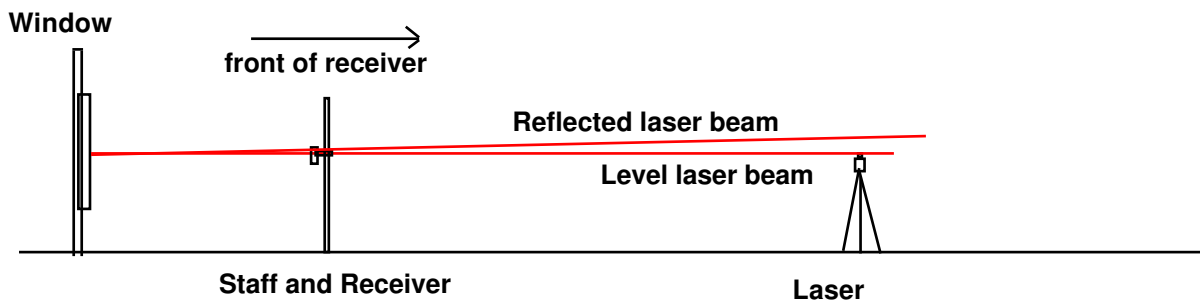
1. Receiver showing multiple levels at different heights.

As you move the receiver up and down the staff there seems to be two or more heights where level is indicated.

The most common cause of this is that the receiver is picking up not just the original rotating beam from the laser level but also a reflection of that beam from a reflective surface such as a window or gloss painted surface. See diagram below.



This effect is common to all laser levels and can easily be avoided by placing the laser level so that no reflections are seen by the receiver. See below.



Now the reflective surface is behind the receiver (the receiver only picks up lasers from the front) so only one beam will be detected, the level one.

If the site has multiple reflective surfaces then some may need to be covered with a non reflective covering.