

## **WHEN WE (ELLIS POOL COVERS) BUILD THE MECHANISM ENCLOSURE BOX BASE**

As part of the installation process, we (Ellis Pool Covers) may build the mechanism box base. This pressure treated wood enclosure will be installed prior to the decking is poured, (or set etc.). The best aspect of having us build the box base is the assurance that the enclosure will be correct, without a doubt. We have "done this before", and recommend installing the box base ourselves for new builders, at least at first, to demonstrate correct installation.

The consequences of an inadequate or improper mechanism enclosure can range from a difficult (and possibly unreliable) installation, to an outright disaster (new sections of deck etc.). Not constructing the mechanism enclosure properly may also result in serious problems (collapsing) in the not too distant future.

Having said all that...

Ellis Pool Covers Inc. is a sales/ installation/ service company; **we are not a landscaping company with the equipment to do any heavy excavating**. When the pool area is backfilled, typically the fill is leveled off with the top of the pool shell. Since the mechanism enclosure box will be installed below that level, and against the pool wall, we at Ellis Pool Covers ask:

- The excavating crew leaves the fill 16" down from the top of the pool shell, where the box will go.
- There are no buried boulders, logs, trash, other surprises, etc. where the mechanism box will go.
- It is probably not a good idea for the gunite crew to empty out any remaining gunite where the pool cover mechanism will go. This is almost always the deep end of the pool.
- All contractors must route all conduit, pipes, etc. so they do not pass through the mechanism enclosure area. There can be no obstruction in the mechanism area less than 18" from the top of the pool shell.
- Please call (if you aren't sure) for the correct location of the mechanism enclosure, especially for recessed top track applications where the mechanism box is not installed directly against the pool wall.

Some digging is expected during the installation of the mechanism box, and is included in the price for the whole job. However, there may be an up charge (perhaps \$150-\$200) for extensive excavating, or other unplanned work that needs to be done. Builders, please work with us on this, so we can keep our schedule.

**Thank you in advance for your cooperation.**