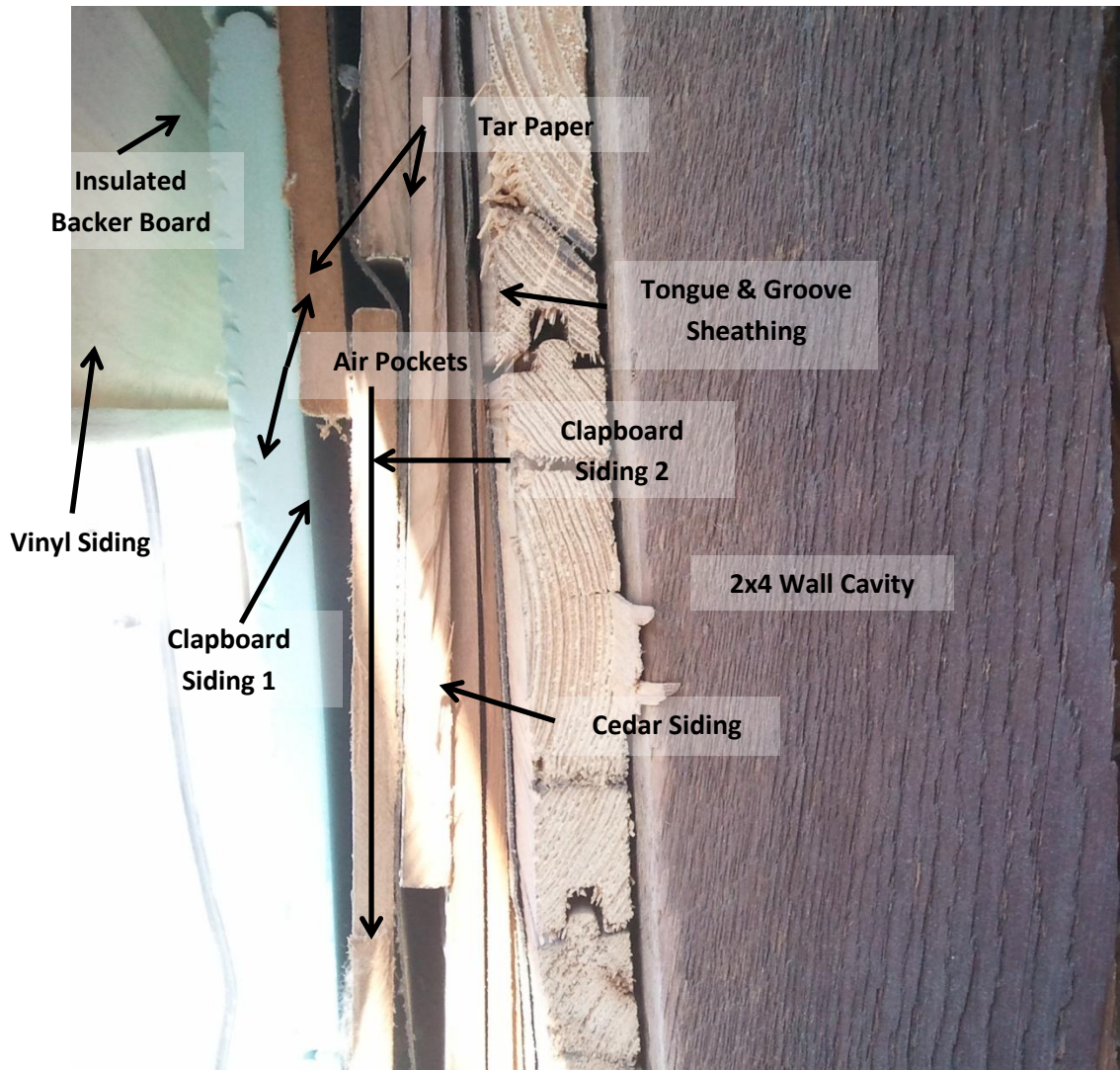




What about Insulated Siding?



This wall section shows the numerous air pockets that form when new siding is installed prior to the removal of the old siding. These air pockets result in drastically reducing the effectiveness of exterior rigid insulation. If unconditioned air is allowed to move between the insulation and conditioned space the insulation is not working. To insulate this wall section properly (or to install insulated siding):

- All 4 layers of siding need to be removed, exposing the tongue and groove sheathing.
- An continuous moisture barrier / air barrier is installed to cover the tongue and groove
 - Tyvek
 - Poly
 - Tuff R Foil faced foamboard with all seems taped
 - Grace Ice and Water Shield
- The desired thickness to exterior insulation is installed
 - At least R-5 for 2x4 wall
 - At least R-7.5 for 2x6 wall
- All seems of rigid insulation taped
- Furring strips installed (if rain screen is desired, recommended if wood siding is to be installed)
- Install new siding