

Life is Tough Enough As it Is...

Life is Tough Enough As it Is... It's Harder When You Are Stupid Don't Do Stupid Things

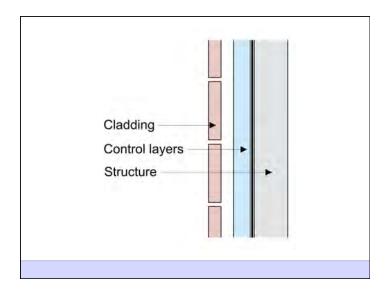
## What Is A Building?

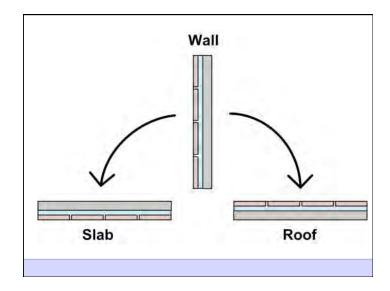
It is an environmental separator

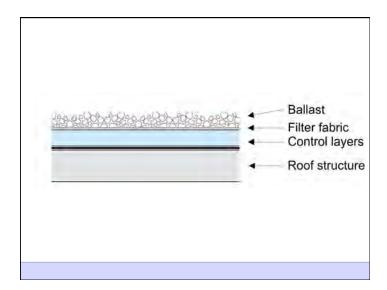
- · Control heat flow
- Control airflow
- · Control water vapor flow
- · Control rain
- · Control ground water
- · Control light and solar radiation
- · Control noise and vibrations
- · Control contaminants, environmental hazards and odors
- · Control insects, rodents and vermin
- · Control fire
- · Provide strength and rigidity
- · Be durable
- · Be aesthetically pleasing
- · Be economical

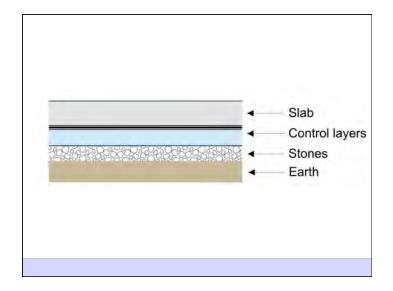
At the most basic level a building provides shelter - shelter from the elements as well as from other dangers. Its' function is to separate the inside from the outside as required by the local environment and the wishes of its occupants. A building creates an interior environment that is different from the exterior environment – it is an environmental separator. This interior environment should be controllable by the occupants in a manner that meets their needs.

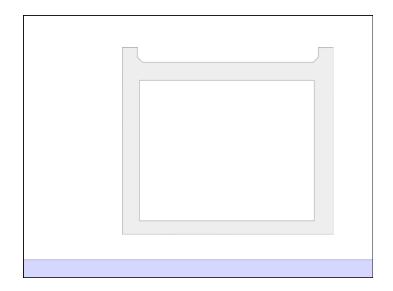
Heat Flow Is From Warm To Cold Moisture Flow Is From Warm To Cold Moisture Flow Is From More To Less Air Flow Is From A Higher Pressure to a Lower Pressure Gravity Acts Down Water Control Layer Air Control Layer Vapor Control Layer Thermal Control Layer

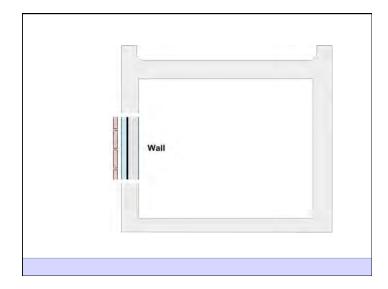


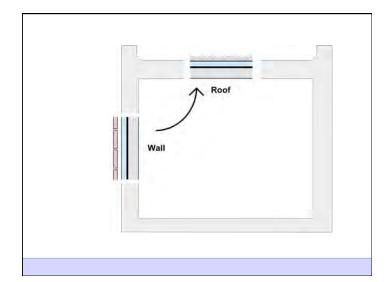


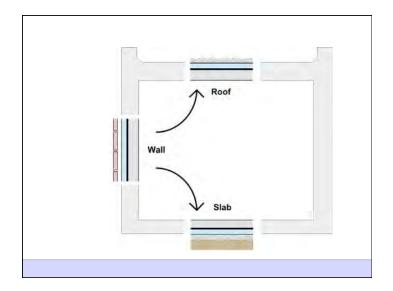


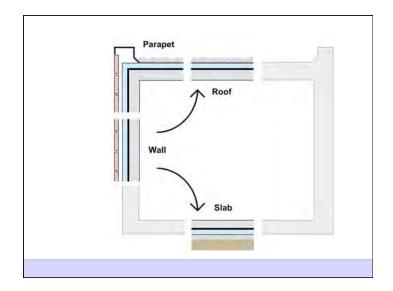


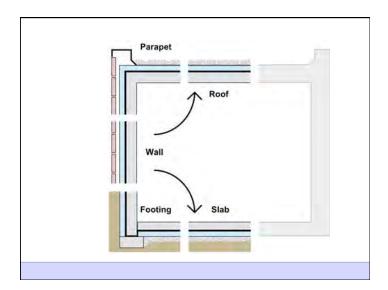


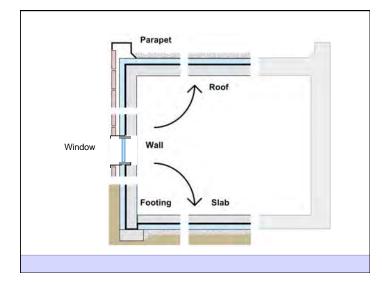


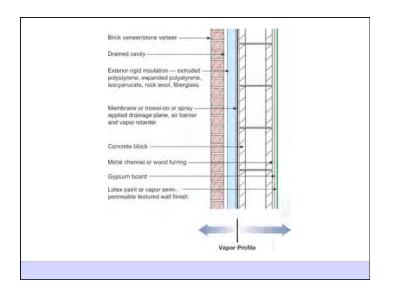


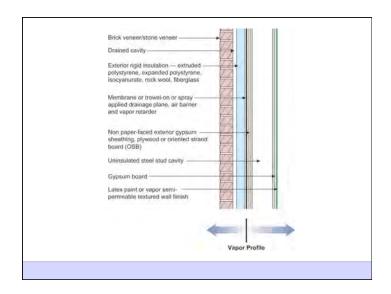


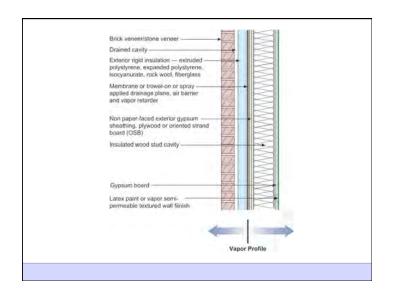


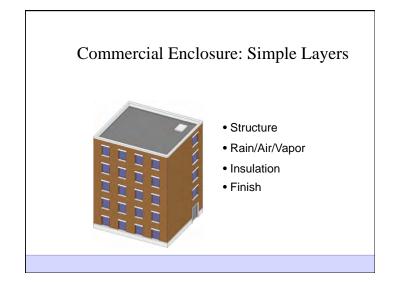






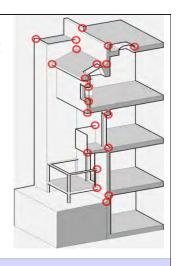


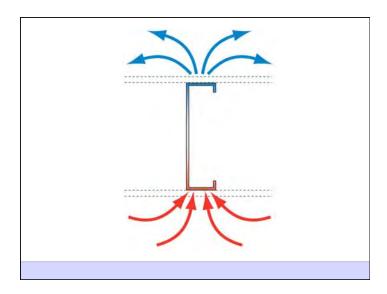




## Enclosure Design: Details

- Details demand the same approach as the enclosure.
- Scaled drawings required at











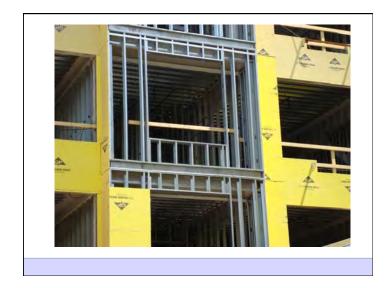




















Don't Do Stupid Things











