

TYPICAL SANDWICH WALL CROSS SECTION

The exterior wythe is typically 3". Temperature fluctuates with weather conditions, e.g. sunshine during day and cooler temperatures at night.

The exterior wythe can be colored concrete or painted and enhanced through rustifications, textured liners, logos or even brick inserts.

The insulation between the interior and exterior concrete wythes provides a complete thermal barrier, even at the non-conductive connectors.

The panels are connected by weldplates and sealed with backer rod and high grade industrial caulking.

The wall panel is set on shims and later grouted

The wall panel can be placed on the foundation wall or the footing.

The thermal barrier continues at the roof as the trusses only rest on the inside wythe

The two concrete wythes are uniquely joined through high strength connectors

Hollow core floor slabs between stories can be utilised to store and draw heat from as required. (concrete thermal mass)

The inside wythe is typically 6". The temperature remains consistent. This wythe acts as a battery, (thermal mass)
This wythe is structural and can bear heavy loads

The building floor will serve as a casting bed for the wall panels.

