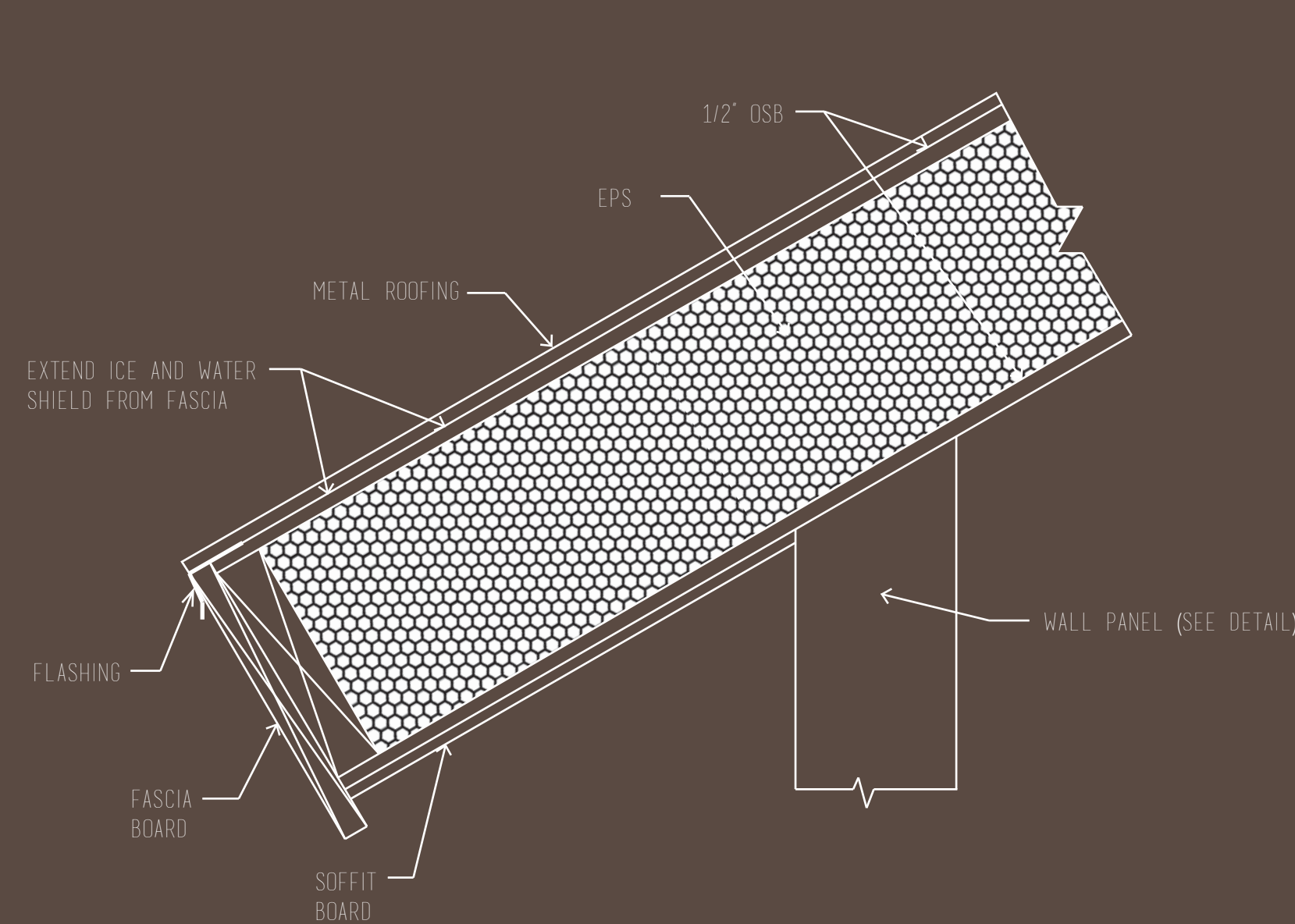




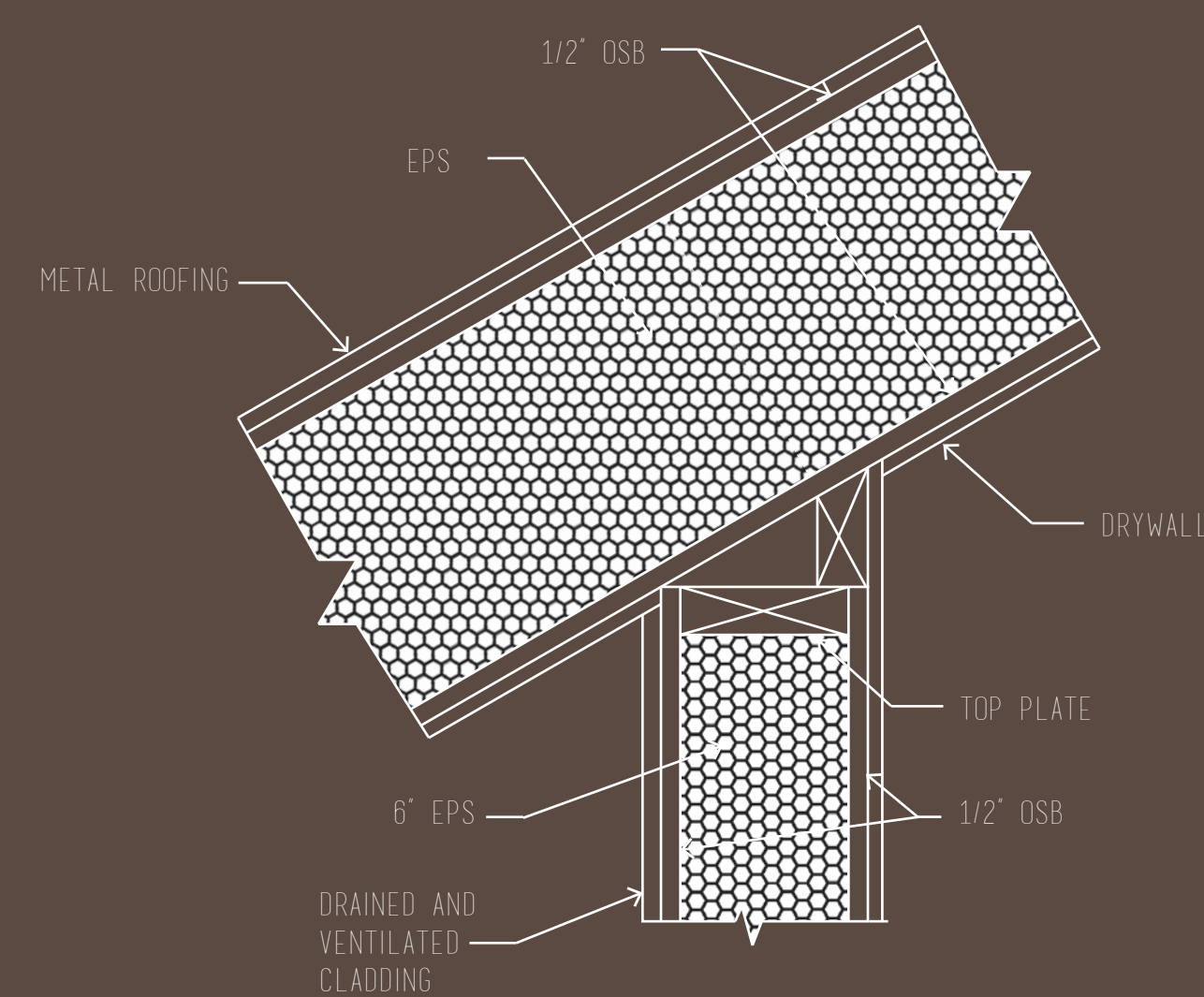
CONSTRUCTION

Structural Insulation Panels (SIPS) are mostly used for residential or light commercial construction. I chose to use this system because of the fact that they are a high performance system. The panel construction consists of insulating foam core sandwiched between two structural facings, in my case, oriented strand board (OSB). The end result is a strong, energy efficient, and cost effective building system.

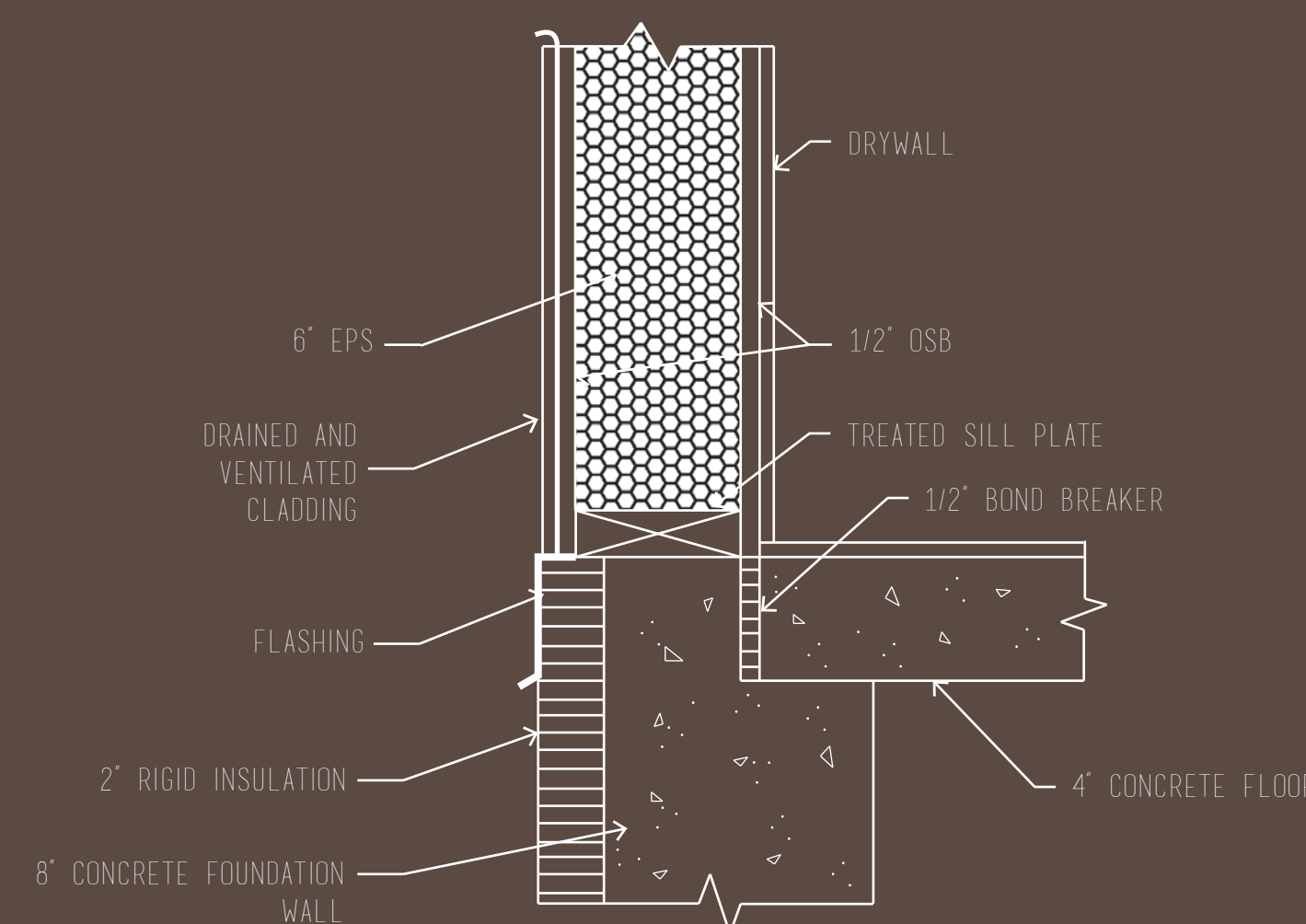
They generally cost about the same price as constructing with wood framing when you factor in the labor savings from shorter construction and less waste on the jobsite. Another perk of this system is that smaller heating and cooling systems can be installed with SIPS construction because of the high energy efficient design.



D.1 EAVES DETAIL
2' = 1'-0"



D.2 ROOF TO WALL DETAIL
2' = 1'-0"



D.3 FOUNDATION WALL DETAIL
2' = 1'-0"

INDOOR POOL AND SPA

The north building houses the indoor pool and spa. Its concrete walls create a feeling of strength and stability as a mexican cenote would. A cenote is a natural pit, or sinkhole, resulting from the collapse of limestone bedrock that exposes groundwater underneath. Some are available to explore, which tourists flock to. The goal of this building is to mimick this natural phenomena as a place of peace and relaxation while also creating a small piece of exploration as found in nature.

The Therme Vals spa/hotel in Switzerland (pictured below) was a great inspiration building for this idea. The stone walls and focused beams of light are both successful architectural elements that have similarity to the characteristics of a cenote.



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INTERVIEWS

Free of distractions. Open. Clear. Effortless.

-AMBER VANCE

No overhead lights. They become harsh when lying supine on the mat.

-GAIL ARNE

Outside elements, earth, air, fire, water, ether.

-ERIKA BRIGGS