

Enercept Product Bulletin #4a

Created: 7/28/16; revised 12/19/16

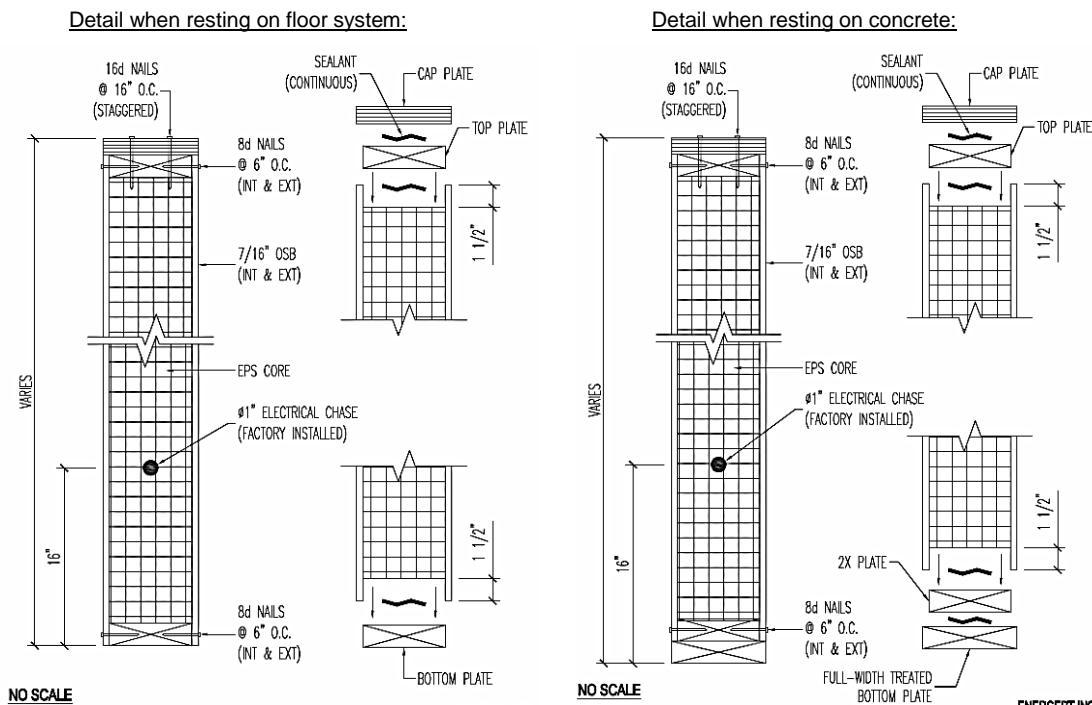


Sill and Top/Cap Plate Installation:

Summary Description:

Enercept SIP construction guide and Enercept details have reflected a single 2x sill plate with a double 2x top plate that would extend 1 1/8" above the sheathing. Enercept has made a modification to the top plate configuration providing a single top plate, recessed flush with the sheathing, and a single 1 1/4" cap plate.

Revision Description: Initially a 1 1/8" cap plate was used, however we've found that most standard sheathing is 1/8" short therefore cap plate was changed to 1 1/4" so use of precut studs would still work and match up with the overall height of the SIP walls.



Basis of Change:

Per Enercept test results and code/listing reports, plates must be recessed properly to allow full bearing on the interior and exterior OSB of the SIP panel. By recessing the sill plate (1 1/2") and top plate (1 1/2") with a full width cap plate (1 1/4") that covers the entire panel thickness, it achieves the full bearing on the OSB/sheathing and will allow axial load capacities which can be referenced in the Enercept listing reports.

Cautionary Notes:

Please review Enercept final plans for your project and follow the plate installation instructions to assure proper plate connections.

When panels rest on concrete – a full width treated plate will be supplied in addition to the single sill plate.

Please reference final Enercept plans and construction guide for details.