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ESR-2961 Extension

RE. TABLE 1 (Transverse Load)

- The pins must be long enough to penetrate the steel framing members a minimum of 1/2".
- The minimum edge distance from a pin to the panel edge must be 1/2".

RE. TABLE 2 (Shear Wall and Diaphragm Analysis for Wind Forces Design)

- Based on nails spacing 6" for wind design, the tested result is 386 lb/ft (equals to 48 lb/ft²).
- According to AC-230 adjusted wind design, the recommended available strength of the tested walls is 165 lb/ft (equals to 21 lb/ft²) that is based on nails spacing 24".

RE. TABLE 3 (Shear Wall and Diaphragm Analysis for Seismic Forces Design)

- Based on nails spacing 6" for seismic design, the tested result is 386 lb/ft (equals to 48 lb/ft²).
- According to AC-230 adjusted seismic design, the recommended available strength of the tested walls is 135 lb/ft (equals to 17 lb/ft²) that is based on nails spacing 24".