R-Control SIP details primarily require the use of 8d box (0.113) nails for attachment of splines and plates. On occasion 10d box (0.128) and 12d box (0.135) nails are also shown. Some contractors request the substitution of staples as an alternative to the nails. The substitution of staples or other fasteners for nails in the R-Control Construction Details is acceptable when the alternate fastener and spacing is such that the structural capacity meets or exceeds the nails as specified in the detail.

Note: The use of staples in Seismic Design Category D, E, and F regions is not recommended as staples do not have an equivalent ductility to nails as required for seismic resistance.