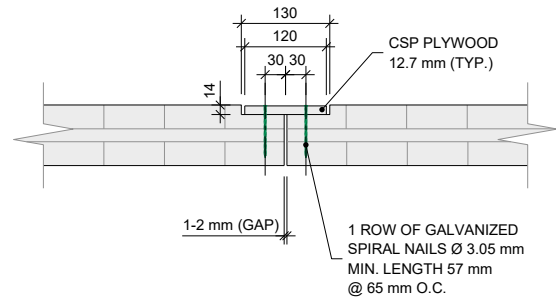
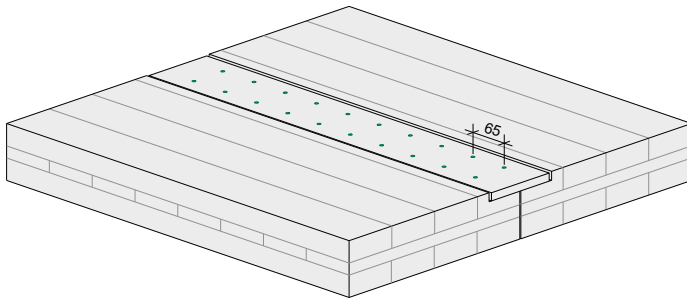


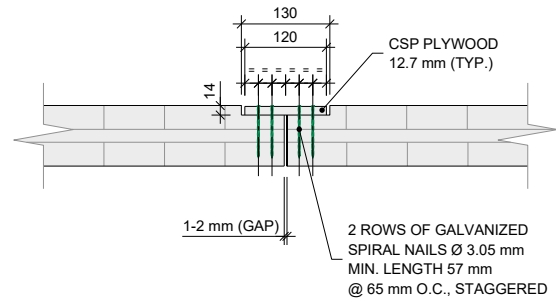
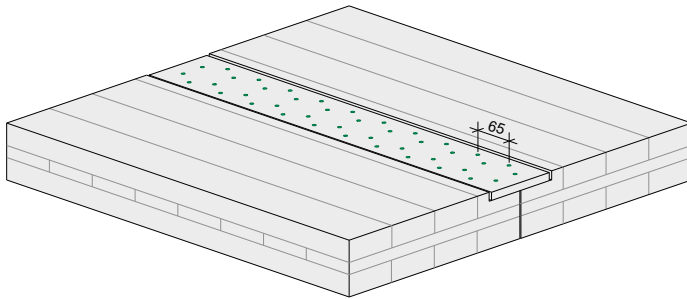
Nailed Butt Joint

Assembly Details

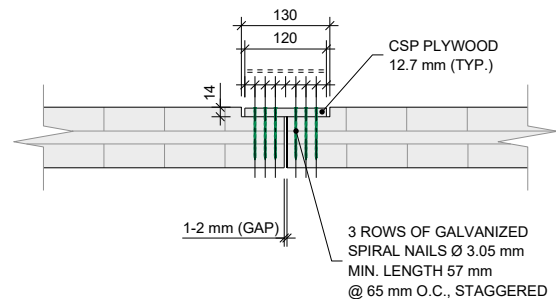
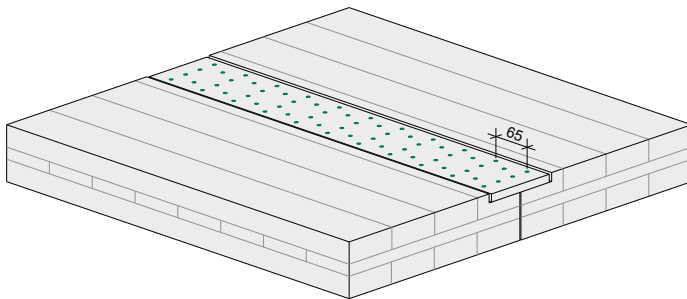
Factored shear flow up to 10 kN/m



Factored shear flow from 10 to 20 kN/m



Factored shear flow from 20 to 30 kN/m

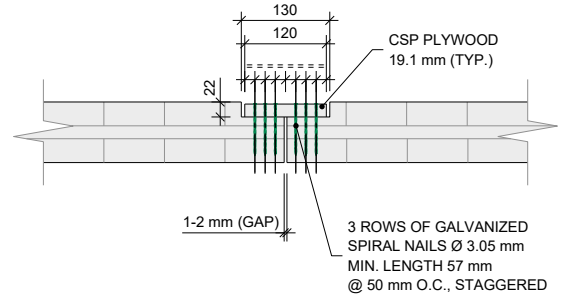
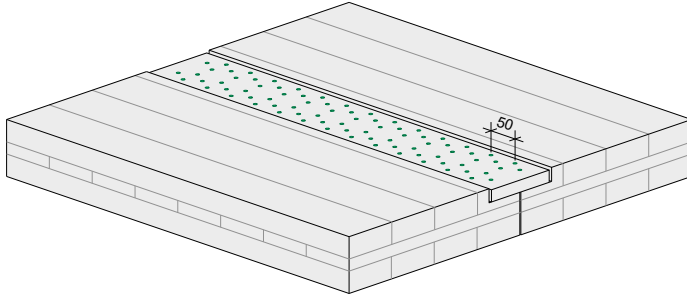


Notes:

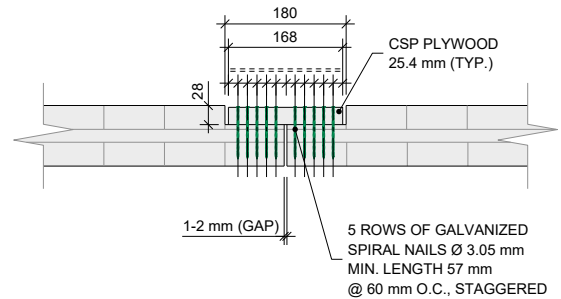
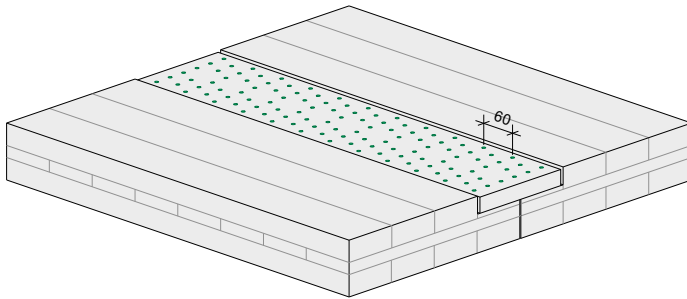
1. Resistances are based on nails used in diaphragm and shearwall construction ($J_D = 1.3$), dry service conditions, short-term duration of load, and regular grades of unsanded Canadian softwood plywood (CSP) in accordance with CSA O151.
2. Factored lateral strength resistance of the connection with nails, factored shear-through-thickness resistance of both the plywood spline and the CLT member, and minimum spacings for nails are verified.

Assembly Details (continued)

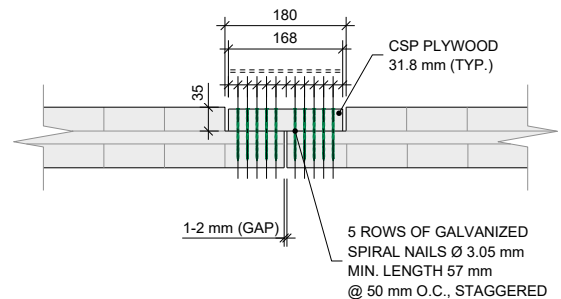
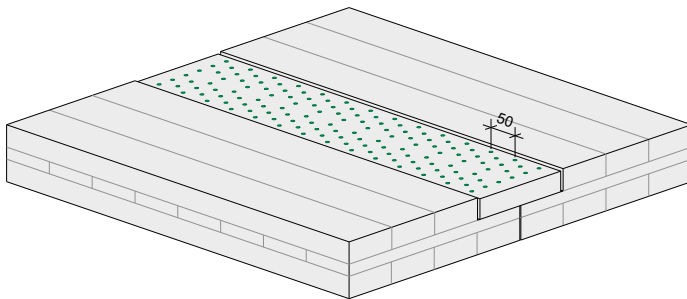
Factored shear flow from 30 to 45 kN/m



Factored shear flow from 45 to 65 kN/m



Factored shear flow from 65 to 80 kN/m



Notes:

1. Resistances are based on nails used in diaphragm and shearwall construction ($J_D = 1.3$), dry service conditions, short-term duration of load, and regular grades of unsanded Canadian softwood plywood (CSP) in accordance with CSA O151.
2. Factored lateral strength resistance of the connection with nails, factored shear-through-thickness resistance of both the plywood spline and the CLT member, and minimum spacings for nails are verified.