

SLEEVE CONNECTION ASSEMBLY AND METHOD FOR MODULAR BUILDING CONSTRUCTION

5 ABSTRACT

There is provided a sleeve connection assembly for modular building construction, wherein the assembly comprises: first and second modules; and a sleeve attached to and extending from the first module, wherein the sleeve is configured to plug into the second module, wherein a grouted sleeve connection connecting the first module to the second module is formed when grout is applied to fill a void between the sleeve and the second module, wherein the sleeve is configured to engage cured grout in the void to restrict movement of the first module relative to the second module, and no fastener is required to further connect the first module to the second module to assemble the sleeve connection assembly, wherein the first module comprises a column, the sleeve extends from a planar surface at one end of the column, and area of the planar surface is wider than cross-section of the sleeve.

[Fig. 7e]