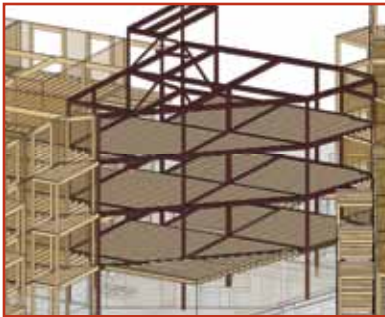


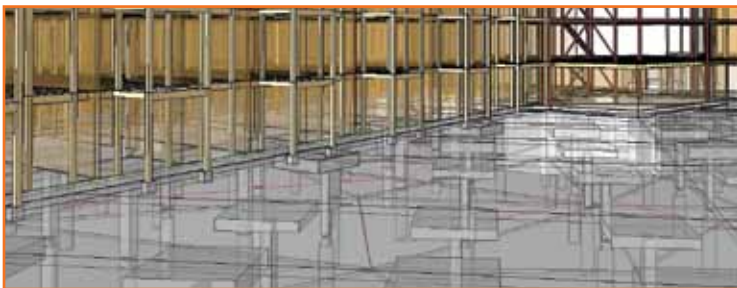
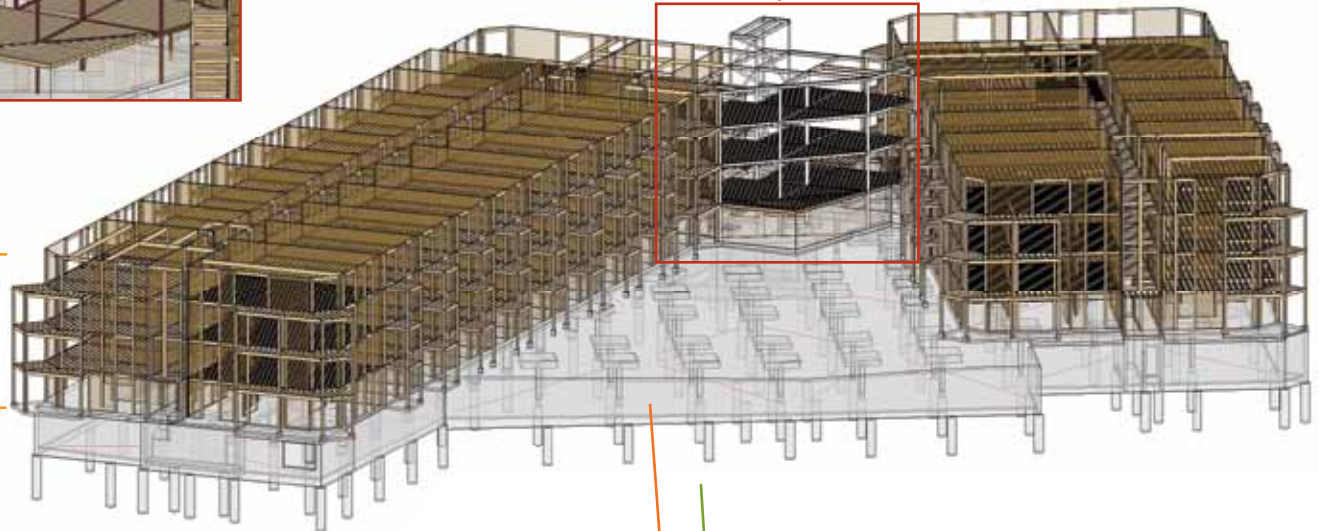
Hangingsstone Landing

FORT MCMURRAY, ALBERTA

\$28 Million budget | 175,700 sq.ft. total Mixed-use | 51,300 sq.ft. parkade
27 units condominium | 3400 sq.ft. commercial



Four storeys
wood-framed
construction



FOUNDATIONS: Compacto piles extended through up to 14.0 metres of remediated fill

MAIN FOOT SLAB: Reinforced concrete structural transfer slab sloping to match design grade

One of several projects currently under design or construction for Liam Construction Ltd. in the Fort McMurray region, Hangingsstone Landing combines three building superstructures on a shared underground parkade and foundation. Our Revit Structure BIM model helped us to efficiently design and communicate the grading of concrete elements resulting in minimized material & labour costs and no schedule delays due rework by the concrete contractor. Our model also allowed us to provide precise detailing for the many complex reinforcing arrangements demanded by the compact concrete elements in the parkade. This resulted in competitive pricing from the reinforcement supply and placement contractors as our accurate design left little to be determined onsite.

The structural portions of the Hangingsstone Landing project are currently substantially complete with building occupancy scheduled for the end of 2012.



ETHOS
ENGINEERING

Superior Structural Value
info@ethos-engineering.com