

BE PROJECT SUMMARY

Monaghan Court - Keene, Ontario

New 19 unit multi-residential, two storey walkout.

2009-2013



PHOTO TAKEN OF THE TWO STOREY REAR BUILDING ELEVATION AT FINAL STRUCTURAL FRAMING INSPECTION.

Opened in May 2013, Monaghan Court is a two storey walkout with 22 units and is of wood framed and structural steel construction. Bradley Engineering provided full structural engineering design, drafting and inspection services to Trevelyan Architect Inc., Peterborough, Ontario.

17,000 SF. \$2.5M

Foundations:

Reinforced concrete foundations, interior and exterior building retaining walls, normal duty interior slab on grade.

Superstructure:

A combination of wood framed and structural steel superstructure and masonry fire walls. Lateral loads were resisted primarily by wood framed shear walls with independent hold-downs and masonry shear walls.

Highlights:

Separation of 3 building sections; central 2 story window wall; complicated split level foundation conditions designed with an interior reinforced concrete retaining wall; extensive pre-fabricated wood roof truss detailing and bracing.

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