

## Burn Building Expansion

Client: Ontario Fire College, Gravenhurst

Year: 2009



### SERVICES PROVIDED

CCTA was retained to undertake a structural evaluation and conceptual design for the burn building at the Ontario Fire College in Gravenhurst. The burn building is used for live fire training exercises and CCTA had been conducting annual structural inspections of the facility over the last five years. The 2009 inspection was expanded to a full structural evaluation in order to determine whether the building should be rehabilitated and expanded, or replaced. We were subsequently retained to complete a conceptual design for the rehabilitation and expansion. The design includes a new propane distribution system, and incorporates fire resistant paneling. CCTA prepared a design brief and preliminary design drawings depicting the building rehabilitation and expansion as well as a preliminary design for modifications to the runoff collection and storage system. As of early 2010, agency approvals have been obtained for the project in advance of the detailed design.

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