City of Fort St. John
10631 100 Street | Fort St. John, BC | V1J 3Z5
(250) 787 8150 City Hall
(250) 787 8181 Facsimile

FORM J

FIRE FLOW CALCULATIONS SHEET

Calculations based on "Water Supply for Public Fire Protection: A Guide to Recommended Practice in Canada" prepared by Fire Underwriter's Survey.

Civic Address of Property:

1. Type(s) of Construction: _____

   Co-efficient (c) based on type of construction: _____

   Ground Floor Area: _____ m^2 Number of Stories: _____

   Total Floor Areas(A): _____ m^2

   Fire Flow from Formula (F = 220 Cv A): _____ L/min **(B)**

2. Type of Occupancy: _____ Hazard: Low _____ High _____ Other _____

   Hazard Allowance: Add or Subtract: _____ % x **(B)** = _____ L/min **(C)**

3. Automatic Sprinklers: Yes _____ No _____

   Sprinkler Allowance: Subtract: _____ % x **(B)** = _____ L/min **(D)**

4. Exposures: Distance / Hazard

   1. North mAdd _____ %
   2. East _____m Add _____ %
   3. South mAdd _____ %
   4. West _____m Add _____ %

   Exposure Allowance: **(B)** X _____ % = _____ L/min **(E)**

   TOTAL FIRE FLOW REQUIRED (B+C+D+E): _____L/min

SPRINKLER SYSTEM INFORMATION

(a) If building has automatic sprinklers:

Distance from sprinkler fire connections at building to

nearest available fire hydrant on an unobstructed route: _____m.

Will sprinkler system be wet or dry: Wet _____ Dry _____

If wet, will system contain anti-freeze or any other chemical additive? Yes _____ No _____

Backflow protection (describe): _____

_____

Professional Seal

(b) If building has no automatic sprinklers:

Distance from main building entrance to nearest available fire hydrant on an unobstructed route _____m.

Calculations by: _____ **Date:** _____