FORM J
FIRE FLOW CALCULATIONS SHEET

Calculations based on "Guide for Determination of Fire flow" (1999) 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: _____ m^2
   Fire Flow from Formula (F = 220 C√ A): _____ LPM (a)

2. Type of Occupancy: _____ Hazard: Low _____ High _____ Other _____
   Hazard Allowance: Add or Subtract: _____ % x (a) = _____ LPM
   Sub Total: _____ LPM (b)

3. Automatic Sprinklers: Yes _____ No _____
   Sprinkler Allowance: Subtract: _____ % x (a) = _____ LPM (c)
   Sub Total: _____ LPM (d)

4. Exposures: Distance / Hazard
   1. Front _____ Add _____ %
   2. Left _____ Add _____ %
   3. Rear _____ Add _____ %
   4. Right _____ Add _____ %

   Exposure Allowance: Add _____ (e) % x (b) = _____ LPM (f)

TOTAL FIRE FLOW REQUIRED: _____ LPM (g)

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): _____
_____

(b) If building has no automatic sprinklers:
Distance from main building entrance to nearest available fire hydrant on an unobstructed route _____m.

BUILDING CLASSIFICATION ☐ PART 3 ☐ PART 9 **Professional Seal**

Calculations by: _____ **Date:** _____