

THE CITY OF FORT ST. JOHN SCHEDULE A – BUILDING AMENDMENT BYLAW NO. 2407, 2017

FORM J FIRE FLOW CALCULATIONS SHEET

Calculations based on "Guide for Determination of Fire flow" (1999) prepared by Fire Underwriter's Survey

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 \sqrt{A})	:	LP	M (a)
2.	Type of Occupancy:	Hazard: Low	High Other	
	Hazard Allowance: Add or Subtract:			
	Sub Total:		LPM (b)	
3.	Automatic Sprinklers: Yes	No		
	Sprinkler Allowance: Subtract:	% x (b) =	LPM (c)	
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4.	Exposures: Distance / Hazard 1. Front	۸dd	%	
	2. Left			
	3. Rear			
	4. Right			
	Exposure Allowance: Add			(f)
	(1)			
	TOTAL FIRE FLOW REQUIRED: LPM (g)			
	SPRINKLER SYSTEM INFORMATION			
	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):			
	If building has no automatic sprinklers:			
	Distance from main building entrance to nearest available fire hydrant on an unobstructed route			
	BUILDING CLASSIFICATION	PART 3	PART 9	Professional
				Seal
	Calculations by:	Date:		