

**Worksheet 2: Building Stock Profile**

The building stock profile should consider the characteristics of the buildings in the community. This can include the use of the buildings, building density, building age and construction type, building height and area and must include, where known, the identification of truss and lightweight construction systems (commonly referred to as lightweight construction) in all building occupancy classifications. This information will assist fire departments to identify the issues/concerns that will impact the delivery of fire protection services.

<p align="center"><b>Building Stock Profile Risks</b></p> <p align="center">List the building stock/occupancy types in your community and the fire and other emergency issues/concerns for each. Assign probability, consequence and risk levels to each.</p>					
<p align="center"><b>Occupancy Classification</b></p>	<p align="center"><b>Identify # of buildings of each type</b>  <b>And</b> <b>Identify # of LWC buildings where presence is known</b></p>	<p align="center"><b>Issues/Concerns</b>  (i.e. age of buildings; use of buildings; building density, height and area; historic and culturally significant buildings; etc.)</p>	<p align="center"><b>Probability</b>  (refer to Table 1 for suggested probability levels)</p>	<p align="center"><b>Consequence</b>  (refer to Table 2 for suggested consequence levels)</p>	<p align="center"><b>Assigned Risk Level</b>  (refer to the Risk Level Matrix for suggested risk levels)</p>

Occupancy Classification		Identify # of buildings of each type And Identify # of LWC buildings where presence is known	Issues/Concerns (i.e. age of buildings; use of buildings; building density, height and area; historic and culturally significant buildings; etc.)	Probability (refer to Table 1 for suggested probability levels)	Consequence (refer to Table 2 for suggested consequence levels)	Assigned Risk Level (refer to the Risk Level Matrix for suggested risk levels)
Group A	Assembly	Davidson Centre	DC	Rare	Minor	Low
		• 70's Construction	• Minimal Fire Load			
		• Concrete and Steel truss Pavillion	• Detected and Monitored Pavillion	Unlikely	Minor	Low
		• 50's COstruction	• Detected and Monitored			
		• Timber framing and detail				
		Whitney Crawford Community Centre	WCCC	Possible	Minor	Moderate
		• 60's Construction	• Minimal Detection			
• Heavy Timber Arena	• Not Monitored					
• Block Construction Hall						
Tiverton Sports Centre	TSC	Rare	Minor	Low		
• 80's Construction	• Minimal Detection					
• Cinder Block and Girder truss	• Monitored					
Underwood Community Centre	UCC	Rare	Insignificant	Low		
• 70's Construction	• Detected and Monitored					
• Steel Truss	• Minimal Load					
Armow Hall	- Reduced Water					
• 30's Construction	AH	Possible	Insignificant	Low		
• Timber Frame	• Reduced Water					
Potential Assembly Areas	• No Detection					
• 12 Churches						
• 5 Schools						
• 1 Additional Site of Old						

		W.E Thompson School (Bruce Power Training Centre) in Considered				
<b>Group B</b>	Detention Occupancies					
	Care and Treatment / Care	Kincardine Hospital (SBGHC) • 70's Construction • Concrete and Steel Truss Trillium Court (Seniors' Home)	Hospital • Mobility Challenged • Detected and Monitored • Pre-Fire Planned	Rare	Moderate	Moderate
		• 80's Construction • Concrete and Steel • Brick Veneer Tiverton Park Manor (Seniors' Home)	Trillium Court • Mobility Challenged • Detected and Monitored • Pre-Fire Planned	Unlikely	Moderate	Moderate
• 90's Construction • LWC		TPM • Mobility Challenged • Detected and Monitored • Pre-Fire Planned	Unlikely	Moderate	Moderate	
<b>Group C</b>	Single Family <sup>3</sup>	70% LWC	Compliance with Detection is Good	Likely	Moderate	Moderate
	Multi-unit Residential <sup>3</sup>	50% LWC 290+ Units	Detection Compliance is Challenged Occasionally	Possible	Minor	Moderate
	Hotel/Motel	11/3 9 Motels 60's and 70's LWC	Detection Compliance an Issue	Possible	Minor	Moderate
	Mobile Homes & Trailers	~60 LWC	Limited Water Exposures	Possible	Minor	Moderate

	Other	Cabins ~90	Access Issues Lake Front	Possible	Minor	Moderate
<b>Groups D &amp; E</b>	Business & Personal Service / Mercantile	~75 Buildings	Type III & IV buildings Detection and Monitoring often	Possible	Moderate	Moderate
<b>Group F</b>	Industrial	Detected and Monitored	Pre-Fire Plans Inspected and approved	Possible	Moderate	Moderate
<b>Other</b>	Occupancies not classified in OBC such as farm buildings.	~40% LWC	Remote Limited water Exposures	Likely	Minor	Moderate

Note: The information on this worksheet should be considered in conjunction with the information on all other worksheets, and not in isolation. Worksheet 10 allows fire departments to consider all of the information on all worksheets together in order to make decisions about the provision of fire protection services in their municipality/community.

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<sup>3</sup> In cases where there are multiple buildings of the same type of classification where the use of lightweight construction is known or expected, it is acceptable to include the total number of buildings related to the category, such as “single family”, from data obtained and make a general statement of the following type: *“The Fire Department / Municipality considers the presence of lightweight construction to be possible”*.