



## BUILDING INSPECTIONS

### Building Envelope (1997 OBC)

Classification Data

This checklist pertains to the following areas of the building envelope:

Building Permit no.

No	INSPECTION CHECKLIST			V	L	R
1.	BUILDING COMPONENTS AND ASSEMBLIES	a	Building components used to provide environmental separation conform of the building permit			
		b	Materials are reasonably resistant to mechanisms of deterioration and compatible with other materials			
		c	Received and reviewed general review, engineer and sub-consultant reports submitted for the on site review of Part 5 of the building code.			
		d	Other:			
2.	HEAT TRANSFER	a	Materials and components have been installed in conformance with the building permit documents to provide the required resistance to heat transfer			
		b	Site personnel advised of the Town's requirements for professional review of soil and concrete tests, roofing, masonry, building envelopes, air/vapour barriers, structural steel studs, curtain wall systems, etc.			
		c	Inform site personnel and/or consultants of the requirement for miscellaneous reports for unusual types of installations; EIFS, spray fireproofing, waterproof membranes, special exhaust systems, etc.			
		d	Site supervisor or general review professional to contact department if general review services cease and building inspector to issue an Order to Comply for a new professional review commitment			
		e	Where construction has deviated from the original design and affects or involves the structural integrity, fire safety, fire separation, an exit, exterior wall or an addition of an mezzanine an Architect and or engineer has prepared revised drawings			
		f	General review reports submitted from P.Eng. where demolition involves large or complex buildings			
		g	General review field reports being submitted from the architect, professional engineers, independent inspection and testing companies and are being reviewed by the inspector to determine their acceptability			
		h	Other:			
3.	FOUNDATION GENERAL	a	Sides of the excavation have been protected from possible deterioration, ie. rain			
		b	Watch for excavations causing damage to adjacent properties and services			
		c	Reports are received for excavation stability and wall shoring, if applicable			
		d	Other:			
4.	SOIL CONDITIONS	a	Measures taken to control ground water, high water table and hydro-static uplift (de-watering)			
		b	Foundation reassessed after altered subsurface conditions were found and not anticipated in the design.			
		c	Measures taken to permit and control foundations on fill and the effects of explosive gases			
		d	Measures taken to eliminate frost action on the soil bearing surface			
		e	De-icing chemicals not being used on the formwork			
		f	Receive and review reports for soil bearing capacity, reinforcement placement, shoring, control of ground water and engineered fill reports from the general review engineer and/or subconsultants			
		g	Other:			
5.	FOUNDATIONS COMPLETE	a	Building configuration and setback in conformance with the building permit documents			
		b	Basement walls or storage garage walls are dampproofed or waterproofed and drainage tile installed			
		c	Structural connections, expansion, control and construction joints waterproofed			
		d	Wood used in the construction of the foundation and exposed to soil or air is treated with a preservative			
		e	Walls below grade are insulated for energy efficiency in conformance with the building permit			
		f	Slabs-on-grade are insulated for energy efficiency in conformance with the building permit documents			
		g	Drainage tiles are located and covered with free draining material and geotextile fabric membrane			
		h	Expansion, control & construction joints located and constructed in accordance with the building permit			
		i	Received acceptable load test report for deep foundations, if applicable to the design basis			
		j	Received acceptable reports for pile and/or caisson foundations			
		k	Received acceptable strip footing and foundation wall reports			
		l	Received and reviewed acceptable periodic field review reports from the general review professionals and consultants for waterproofing, dampproofing, insulation, drainage tiles, backfill, etc.			
		m	Other:			

V	Date	Inspector	V	Date	Inspector	V	Date	Inspector
A			E			I		
B			F			J		
C			G			K		
D			H			L		

**COMPLIANCE**

BUILDING INSPECTOR	DATE	CO-SIGNER	DATE
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V - Visit/inspection   R - revisit/reinspection   X - Not applicable   ● - Subsequently complied   L - Legal status   V - In compliance   N - Not visible  
 ○ - Not in compliance and subsequently covered and not visible for inspection   ● - Not in compliance