



BUILDING INSPECTIONS

Start of Construction and Foundations (1997 OBC)

Classification Data

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

Building Permit no.

No	INSPECTION CHECKLIST				V	L	R				
1.	PROJECT REVIEW	a	Order to Comply issued for construction started without building permit								
		b	Permit drawings and specifications on site and referred to before or during inspection								
		c	Identify with the site supervisor notes on plans that have been 'red lined' by the plans examiner								
		d	Confirm inspection stages with the site supervisor								
		e	Project drawings reviewed for submission of required reports, drawings, site reviews & the site supervisor issued Markham's 'Consultants Field Reports Certificates and Shop Drawings' form								
		f	Review 'part-permit' limitations								
		g	Fences are erected and maintained to enclose the site of construction or demolition from the public								
		h	Other:								
2.	GENERAL REVIEW (professional review)	a	Architect and other professionals contacted to establish the scope of site visits and tests to be performed								
		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.	FOUNDATION 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			D			G					
B			E			H					
C			F			I					
COMPLIANCE											
BUILDING INSPECTOR			DATE			CO-SIGNER			DATE		