



Letter of Assurance - Form D/E

Assurance of Professional Design and Commitment for Field Review
Re: Design and Field Review of Construction for the following project:

Name of Project: \_\_\_\_\_

Address of Project: \_\_\_\_\_

To: City of Yellowknife

I, \_\_\_\_\_, of \_\_\_\_\_
Registered Design Professional (RDP) Firm/Agent

hereby give assurance that I will conduct the Design and Field Review of construction for:

- Architectural, Electrical Engineering, Structural Engineering, Geotechnical Engineering, Mechanical Engineering, Other: \_\_\_\_\_

and that components described on plans, specifications and other supporting documents, prepared by the Registered Design Professional in support of the application for a Building Permit, substantially comply with the City of Yellowknife Building By-law No. 5058, as amended from time to time (Building By-law).

The undersigned hereby undertakes to be responsible for the Field Review of the above referenced components during construction as indicated on the following pages of this Form D/E - Summary of Design and Field Review Responsibilities.

The Registered Design Professional understands that should they cease to be retained at any time during construction, work on the project will stop until a new Registered Design Professional is retained and new Letters of Assurance are filed with the City.

Registered Design Professional of Record

Registered Design Professional's Name:

Firm:

Address:

Telephone:

Email:

Registered Design Professional's Seal and Signature:

Large empty box for seal and signature, with Date: \_\_\_\_\_ at the bottom right.

Registered Design Professional's Design Plan No. / Name and revision date:



## 2.0 Structural:

- \_\_\_\_\_ Indicate responsibilities:
  
- 2.1 Structural capacity of structural components of buildings; including anchorage and seismic restraint
- 2.2 Structural aspects of foundations:
  - deep foundations
  - shallow foundations
  - surface mount foundations
  - pile foundations
  - on bedrock foundations
- 2.3 Qualification of welded steel fabricators and erectors
- 2.4 Review of all applicable shop drawings

## 3.0 Mechanical:

- \_\_\_\_\_ Indicate responsibilities:
  
- 3.1 HVAC Systems & Devices, including High Building Requirements where applicable
- 3.2 Fire Dampers including fire stopping of service penetrations at Required Fire Separations
- 3.3 Plumbing systems; including potable water, roof and storm drainage, sanitary drainage systems
- 3.4 Fire Protection Systems; including automatic sprinkler and other automatic fire suppression systems; stand pipes and hose system, evaluation of necessary water supply and demand
- 3.5 Swimming pool mechanical systems including pool circulation and disinfection systems, ventilation in pool areas and chlorine rooms
- 3.6 Medical gas piping systems
- 3.7 Smoke control systems in high-rise and care and detention occupancy application
- 3.8 Fire Department Connections & Hydrant Locations
- 3.9 Review of all Applicable Shop Drawings

## 4.0 Electrical:

- \_\_\_\_\_ Indicate responsibilities:
  
- 4.1 Electrical transformers vaults, switching devices and motors, including anchorage and seismic restraints
- 4.2 Electrical systems and devices; including fire stopping of penetration through fire separation
- 4.3 Fire alarms; including voice communication system
- 4.4 Mechanical interface with controls and alarms
- 4.5 Emergency power and lighting systems
- 4.6 Fire protection of wiring for emergency systems
- 4.7 Review of all applicable shop drawings

**RDP's Initials**

## 5.0 Geotechnical:

- \_\_\_\_\_ Indicate responsibilities:
  
- 5.1 Excavation
- 5.2 Shoring and underpinning
- 5.3 Geotechnical aspects of foundations:
  - deep foundations
  - shallow foundations
  - surface mount foundations
  - on bedrock foundations
- 5.4 Control of ground and subsurface water
- 4.5 Structural considerations of soil; including slope stability and seismic loading
- 5.6 Backfill and compaction of fill
- 5.7 Other responsibilities - Describe: \_\_\_\_\_

## 6.0 Other - Specify Discipline:

- \_\_\_\_\_ Indicate responsibilities:
  
- 6.1 \_\_\_\_\_
- 6.2 \_\_\_\_\_
- 6.3 \_\_\_\_\_

**RDP's Initials**