Yukon
Government
Fax: 867-393-6249

_____
Building Permit No.
(For authority having jurisdiction's use)

CONFIRMATION OF ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW

Note: (i) This Document must be submitted prior to the commencement of construction activities of the components identified.
(ii) The meanings of words in *italic* will have the same meaning as in the National Building Code of Canada, the National Plumbing Code of Canada and as found at the end of this document.

To: *The authority having jurisdiction*

Re: _____
Name of Project (Print)

_____
Address of Project (Print)

_____
Legal Address of Project (Print)

The Undersigned hereby gives assurance that the design of the components of the plans and supporting documents for the project (including Post-disaster buildings) prepared by this *registered professional* in support for the *building* permit, substantially comply with the Yukon Building Standards Act and Regulations, the National Building Code of Canada and other applicable regulations with regards to safety.

(Initial the items listed below that apply to this *registered professional* in Yukon Territory. All the disciplines will not necessarily be employed on every project.)

_____**ARCHITECTURAL**
_____**STRUCTURAL**
_____**MECHANICAL**
_____**PLUMBING**
_____**FIRE SUPPRESSION SYSTEMS**
_____**ELECTRICAL**
_____**GEOTECHNICAL—temporary**
_____**GEOTECHNICAL —permanent**

(Professional's Seal and Signature)

Date: _____

The undersigned hereby makes known to be responsible for *field reviews* for above referenced components during construction as indicated by the following design and *field review* requirements and, upon request, make copies of all inspections or review reports available to the *authority having jurisdiction*.

_____
Name (Print) Signature

_____
Company (Print)

_____
Address (Print)

Print Clear

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Discipline

The Undersigned also undertakes to notify the Building Safety Branch as soon as practical if the contract for *field review* is cancelled at any time during construction.

I certify that I am a *registered professional* as defined by the definition at the end of this document.

_____
Registered Professional

_____
Address (Print)

_____
Phone No.

(Professional's Seal and Signature)

Date: _____

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Discipline

Summary of Design and Field Review Requirements

(Initial applicable discipline below and cross out and initial only those items not applicable to the project)

_____Architectural

1.1 Fire resisting assemblies
1.2 *Fire separations* and their continuity
1.3 *Closures*, including tightness and operation
1.4 Interior and exterior finishes, including exterior glazing
1.5 Egress systems, including *access to exit* within *suites* and *floor areas*
1.6 Performance and physical safety features (guardrails, handrails, etc.)
1.7 Structural capacity of architectural components, anchorage & seismic restraint
1.8 Roofing and flashings
1.9 Wall cladding systems
1.10 Dampproofing and/or waterproofing of walls & slabs below grade
1.11 Thermal insulation systems, including condensation control & cavity ventilation
1.12 Sound control
1.13 Landscaping, screening and site grading
1.14 Provisions for fire fighting access
1.15 Access requirements for persons with disabilities
1.16 Elevating devices
1.17 Coordination of testing of fire emergency systems & maintenance programs
1.18 Development permit and conditions therein
1.19 Local building and plumbing bylaw requirements
1.20 Interior signage, including acceptable materials, dimensions & locations
1.21 Energy Efficiency Part 9.36 requirements
1.22 Construction safety measures
1.23 Review of all applicable shop drawings

_____Structural

2.1 Structural capacity of the *building*, including anchorage & seismic restraint
2.2 Structural capacity of a *post-disaster building*, anchorage & seismic restraint
2.3 Structural aspects of *deep foundations*
2.4 Qualification of structural welder
2.5 Excavation & shoring
2.6 Underpinning
2.7 Backfill
2.8 Review of all Applicable Shop Drawings

_____Mechanical

3.1 HVAC systems & devices, including high *building* requirements where applicable
3.2 *Fire dampers* at required *fire separations*
3.3 Continuity of fire separations at HVAC penetrations
3.4 All environmental separation requirements
3.5 Energy Efficiency Part 9.36 requirements
3.6 Functional testing of mechanically related (i.e. sprinkler systems) fire emergency systems & devices
3.7 Maintenance manuals for mechanical systems
3.8 Structural capacity of mechanical components, anchorage & seismic restraint
3.9 Review of all applicable shop drawings

_____Commissioning of life safety and fire protection systems

4.1 Commissioning of life safety and fire protection systems

(Professional's Seal and Signature)

Date: _____

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Summary of Design and Field Review Requirements, continued

_____Plumbing

5.1 *Roof drainage systems*
5.2 Site and *foundation drainage systems*
5.3 *Plumbing systems* and devices
5.4 Sprinkler systems including water flow-indicating devices where applicable
5.5 Continuity of *fire separations* at plumbing penetrations
5.6 Local building and plumbing bylaw requirements
5.7 Functional testing of plumbing related fire emergency systems including waterflow-indicating devices where applicable
5.8 Maintenance manuals for *plumbing systems*
5.9 Structural capacity of plumbing components, anchorage and seismic restraint
5.10 Review of all applicable shop drawings

_____Fire Suppression Systems

6.1 Suppression systems classification for type of *occupancy*
6.2 Design coverage, including concealed or special areas
6.3 Compatibility and location of electrical supervision, ancillary alarms and control devices
6.4 Evaluation of the capacity of city water supply versus system demands and domestic demand, including plumbing devices where applicable
6.5 Qualification of welder, quality of welds and material
6.6 Acceptance testing for —"Contractor's Material and Test Certificate"— as per NFPA Standard
6.7 Maintenance program and manual for suppression systems
6.8 Structural capacity of sprinkler components, anchorage and seismic restraint
6.9 For partial systems—confirm sprinklers are installed in all areas where required
6.10 Fire department access requirements
6.11 Fire Department connections and hydrant locations
6.12 Fire hose standpipes
6.13 Function Testing of fire suppression systems and waterflow– Indicating devices
6.14 Review of all applicable shop drawings

_____Electrical

7.1 Electrical systems and devices, including high building systems where applicable
7.2 Continuity of *fire separations* at electrical penetrations
7.3 Functional testing of electrical related fire emergency systems, fire alarm systems and waterflow-indicating devices
7.4 Emergency electrical power supply for buildings where applicable
7.5 Electrical systems and devices maintenance manuals
7.6 Structural capacity of electrical components, anchorage and seismic restraint
7.7 Clearances from *building* of all electrical utility equipment
7.8 Fire protection of wiring for emergency systems
7.9 Review of all applicable shop drawings

(Professional's Seal and Signature)

Date: _____

_____Geotechnical (temporary)

8.1 *Excavation*
8.2 Shoring
8.3 Underpinning
8.4 Temporary construction dewatering

_____Geotechnical (permanent)

9.1 Bearing capacity of the soil
9.2 Geotechnical aspects of *deep foundations*
9.3 Compaction of engineered *fill*
9.4 Structural considerations of soil, including slope stability and seismic restraint
9.5 Backfill
9.6 Local building and plumbing bylaw requirements
9.7 Permanent dewatering
9.8 Permanent underpinning

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Discipline

Summary of Design and Field Review Requirements, continued

Definitions:

Building Commissioning means where there is *life safety systems* and/or *fire protection systems* that are installed in compliance with the National Building Code of Canada or the National Fire Code of Canada. These systems have been tested together to ensure the proper operation and inter-relationship between the systems.

Field review means a review of the work at a building site and, where applicable, at locations where building components are fabricated for use at the building site that a *registered professional* in his or her professional discretion considers necessary to ascertain whether the work substantially complies in all material respects with the plans and supporting documents prepared by a *registered professional*.

Fire protection systems means heat and smoke detectors that can activate audible alarms that may automatically notify local fire departments, sprinkler systems, standpipe systems, hand operated extinguishers, the ability to control smoke spread through ventilation and pressurization control, door open devices, elevator recalls, smoke and fire dampers.

Life safety system means any building element (e.g., emergency power generators and emergency lighting) designed to protect and evacuate the building population in emergencies (e.g., fires and earthquakes) and less critical events (e.g., power failures).

Registered professional means a person who is registered or licensed to practice as a professional engineer under the Yukon Engineering Profession Act.

(Professional's Seal and Signature)

Date: _____

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ASSURANCE OF PROFESSIONAL FIELD REVIEW

Note: (i) This Document must be submitted after completion of the project but before the occupancy permit is issued, or a final inspection is made, by the *authority having jurisdiction*.
(ii) The meanings of words in *italic* will have the same meaning as in the National Building Code of Canada, the National Plumbing Code of Canada and as found at the end of this document.

To: *The authority having jurisdiction*

Re: _____
Name of Project (Print)

_____
Address of Project (Print)

_____
Legal Address of Project (Print)

(The *registered professional* shall complete the following)

_____
Name (Print)

_____
Company (Print)

_____
Address (Print)

_____ _____
Phone Number Fax Number

(Professional's Seal and Signature)

Date: _____

I hereby give assurance that

a) I have fulfilled my obligations for *field reviews* as required by the previously submitted - "CONFIRMATION OF ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEWS",
b) I have completed the functional testing of the *fire protection* and *life safety systems* to ascertain that they substantially comply in all material respects with
(i) the applicable requirements of the Yukon Building Standards Act and Regulations, the National Building Code of Canada and other applicable regulations with regards to safety, and
(ii) the plans and supporting documents submitted in support of the application for the building permit,
c) I am a *registered professional* as defined at the bottom of this document.

Definitions:

Field review means a review of the work at a building site and, where applicable, at locations where building components are fabricated for use at the building site that a *registered professional* in his or her professional discretion considers necessary to ascertain whether the work substantially complies in all material respects with the plans and supporting documents prepared by a *registered professional*.

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