

# FOOTING AND FOUNDATION ONLY BUILDING PERMIT APPLICATION

Edmonton

*For use in conjunction with application for New House Construction (1 to 4 side-by-side dwelling units only or duplexes). This is an optional request for an expedited building permit for construction of the foundation and main floor deck of the project. The permit holder assumes all risks, as the final Building Permit for the project has not yet been issued. Code references are to Division B of National Building Code (Alberta Edition).*

## PROJECT ADDRESS(ES) OR CITY FILE NUMBER:

## REQUIRED DOCUMENTATION

*Documents to be submitted with this application or with the associated New House Construction application.*

### 1. Site-specific engineer-stamped foundation designs (as applicable)

- wall lateral bracing connection of main floor I-joists to foundation wall
- wall reinforcing for window openings greater than 1.2 m wide
- wall reinforcing for floor openings (e.g., stairs) adjacent to foundation wall
- retaining walls connected to house or required for building integrity
- strip footing design for soils conditions or supported joist spans > 4.9 m
- helical pile/concrete pile/grade beam foundation (e.g., attached garage, deck > 1.8m over ground)

### 2. No floor will be built: \_\_\_\_\_ (initial) OR if capping the foundation provide (as applicable)

- engineered floor joist layout diagrams, for lower floor(s)
- floor supplier letter
- pad footing charts from heavy-duty column manufacturer listed on floor layout **OR** engineer-stamped pads design that may be site-specific, or non-site-specific and with valid owner and date
- any engineer-stamped steel, engineered lumber or non-uniformly-loaded built-up lumber beam (e.g., for flush connections, point loads, or columns)
- sketch of stick-framed floor which need NOT be engineer-stamped if verifiable in ABC Part 9

### 3. New Home Warranty Number(s)

- Warranty document(s) attached **OR** Exemption document attached

#### Footing and Foundation ONLY Building Permit | 2.20

The personal information collected on this form is collected under the authority of section 33(c) of the Freedom of Information and Protection of Privacy Act (Alberta). It will be used to process your Footing and Foundation ONLY building permit application. If you have questions or concerns about the collection, use, disclosure or destruction of the personal information collected on this form, please contact Service Advisor, Edmonton Service Centre, 2nd Floor, 10111 - 104 avenue NW, Edmonton, AB, T5J 0J4, 780-442-5054.

## CONDITIONS AND LIMITATIONS

By marking each of the following conditions and limitations, you, as property owner or authorized agent for the owner, affirm the following in this request for a Footing and Foundation Building Permit. All code references are to Division B of National Building Code (Alberta Edition), noted as NBC(AE).

- 1. All project activities on and proximate to the site shall meet the requirements of NBC (AE), including Part 8 Safety Measures at Construction and Demolition Sites, and will be conducted in compliance with all Conditions of Issuance of the Footing and Foundation Only Building Permit that may be issued for this project.
- 2. The proposed foundation is **not** a walkout basement, not on a top-of-bank site, not on a high water table site, and not a Part 3 residential building.
- 3. For newly developing areas, existing regional or subdivision geotechnical reports encompassing the project site have been obtained from the land developer / agent and reviewed for requirements exceeding those listed herein, and such requirements shall be incorporated into footing and foundation design and construction, including for applicable ancillary provisions. (e.g., bearing capacity certification proximate to existing deep-service installation locations, foundation dampproofing (NBC(AE):9.13.) and foundation drainage (9.14.) such as drain tile sock indicated for areas with high silt content in soils.)
- 4. Type HS (Type 50) high sulphate-resistant portland cement shall be used for all concrete in contact with soil (i.e., all footings, walls, piles and grade beams).
- 5. Footings shall rest on unfrozen, undisturbed soil or engineered granular fill material having allowable bearing pressure of not less than 75 kPa and free of standing water and all organic material.
- 6. Standard cast-in-place concrete footings shall be placed (NBC(AE):9.15.3.). Where any supported joist span exceeds 4.9m, design calculations shall be submitted per #8 below. Non-typical forming products (e.g., Fastfoot) are not presently eligible.
- 7. Standard 200mm thick cast-in-place concrete foundation walls of maximum height of 3.0 m shall be constructed. Non-typical foundation products (e.g., PWF, precast panels, ICF, foamed plastic systems) are not presently eligible.
- 8. Valid engineer-stamped designs for foundation level window / door openings, stair opening, foundation wall lateral bracing, column pad footing design, strip footing designs where joist spans exceed 4.9 m, retaining walls connected to foundation, and pile and grade beam designs, as applicable for construction exceeding Part 9 prescriptive solutions, is submitted with this application.
- 9. Valid main floor engineered wood joist / beam layout, supplier letter, and heavy-duty post pad footing design / charts is submitted with this application where intention is to construct the main floor over foundation ('capping') prior to receiving the full Building Permit. If not provided, the main floor **will not be** installed prior to Building Permit issuance. Basement floor-on-ground (floor slab) **will not be** placed prior to Building Permit issuance.

The information provided with this permit application, such as plans and specifications, supporting documents, details, professional schedule letters, etc., pertains to the project that is the subject of this application and to the best of my knowledge is true and complete.

Applicant / Company Name:

Applicant Signature:

Date:

### WHERE TO APPLY

Edmonton Service Centre  
2nd floor, 10111 - 104 Avenue NW  
Edmonton, AB T5J 0J4  
Monday - Friday, 8am to 4:30pm

### QUESTIONS?

Phone: **311** or if outside of Edmonton  
780-442-5311  
Email: [developmentsservices@edmonton.ca](mailto:developmentsservices@edmonton.ca)

### FEES

For additional information,  
visit: [edmonton.ca/permitfees](http://edmonton.ca/permitfees)

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