



# CITY OF AURORA, COLORADO

## Floodplain Development Permit Application

Application is hereby made for a FLOODPLAIN DEVELOPMENT PERMIT as required by Chapter 70 of Aurora's City Code, as adopted January 11, 2014, for development in an identified flood hazard area. The undersigned agrees all activities shall be completed in accordance with the requirements of the aforementioned Chapter 70. The development to be performed is described below and in attachments hereto. The applicant understands and agrees:

- this permit is issued on the conditions and facts described;
- any permit may be repealed if conditions or facts change;
- permit will remain valid for one year from date of issuance;
- elevation certification form for any proposed structures must be finished and returned prior to certificate of occupancy issue.

Owner's Name: <u>Oakwood Homes</u>	Owner's Name: _____
Address: <u>4908 Tower Road</u>	Address: _____
City/State: <u>Denver, CO</u>	City/State: _____
Phone: <u>303.486.8500</u>	Phone: _____
Email: <u>dcarro@oakwoodhomesco.com</u>	Email: _____

**NOTE:** In addition to completion of this form the applicant agrees to submit any additional information required by the Floodplain Administrator in order to determine the proposed development is compliant with the local, state and federal flood damage prevention criteria of the National Flood Insurance Program.

Additional information may include but is not limited to: site specific plans to scale showing the nature, location, dimensions, and elevations of the project area and/or structure(s) in question and hydrological and hydraulic calculations verifying no impact to the existing conditions. This includes existing and proposed contours of all grading activities. This can be satisfied with City approved civil plans and associated drainage studies. See City Code Section 70-22 for additional requirements.

### DESCRIPTION OF WORK

1. Location of the proposed development site – address: First Creek, Tributary T between Tibet Road and 48th Ave.  
Legal description: See attached
2. Type of development proposed: (Please mark the area(s) which best describes the type of activity proposed)

NEW BUILDING		EXISTING STRUCTURE		SITE WORK	
Residential		Alteration		Filling/Grading	<b>x</b>
Nonresidential		Vertical Addition		Mining/Dredging	
Manufactured Home		Horizontal Addition		Watercourse Alteration*	<b>x</b>
Installation*		Accessory*		Other*	
		Materials Storage*		COA's Engr. Des. No.	

\*Describe activity: Existing channel is being regraded to meet current geomorphological design criteria

3. If the proposed construction is an alteration, addition, or improvement to an existing structure:  
Cost of proposed construction: \$ \_\_\_\_\_ What is the estimated market value of the existing structure: \$ \_\_\_\_\_

**NOTE:** An existing structure must comply with the flood protection standards if it is substantially improved (an improvement equal to or greater than 50% of the market value of the structure). FEMA maintains the "substantial improvement" definition applies to existing structures only and once a structure meets the definition of "new construction" any further improvements to that structure must meet "new construction" requirements. For floodplain management purposes "new construction" means structures for which "start of construction" began on or after the effective date of the initial Flood Insurance Rate Map issued by FEMA for the City of Aurora (June 1, 1978).

4. Does the proposed development involve a subdivision or other development containing at least 50 lots or 5 acres?  
Yes: \_\_\_\_\_ No: **x**

**NOTE:** If yes, base flood elevation data is required from the applicant if it has not been provided by FEMA.

**I AGREE ALL STATEMENTS IN AND ATTACHMENTS TO THIS APPLICATION ARE A TRUE DESCRIPTION OF THE EXISTING PROPERTY AND THE PROPOSED DEVELOPMENT ACTIVITY. I UNDERSTAND THE DEVELOPMENT REQUIREMENTS FOR SPECIAL FLOOD HAZARD AREA ACTIVITIES PER THE APPROPRIATE RESOLUTION AND AGREE TO ABIDE THERETO. I UNDERSTAND IT IS MY RESPONSIBILITY TO OBTAIN ALL APPLICABLE FEDERAL, STATE, AND LOCAL PERMITS.**

Date: 12/14/2020

Applicant's Signature

## ADMINISTRATION

**NOTE:** The following shall be completed by the local floodplain administrator. All references to elevations are to NAVD 1988. The term base flood means the same as the 100-year elevation.

5. Effective Base Flood Elevation (100-year) at proposed site 5422.0-5443.0 feet NAVD 1988.  
Data Source: **Flood Insurance Rate Map (FIRM) Map, National Flood Insurance Program, FEMA**  
Map Effective Date: February 17, 2017  
FEMA Community Panel Number: 08005C0063L  
Proposed Base Flood Elevation at proposed site 5422.0-5443.0 feet NAVD 1988.
6. Does the structure contain:  
n/a basement;  
n/a crawl space;  
n/a enclosed area used only for parking access or storage, other than a basement, below the lowest floor level?
7. Is the proposed development located in:  
x an identified floodway;  
\_\_\_\_\_ a flood hazard area where the base flood elevations exist with no identified floodway;  
\_\_\_\_\_ an area within the floodplain fringe;  
x an approximate flood hazard area (Zone A)? If yes, complete only 8a in the following question.

**NOTE:** Floodway development must demonstrate through hydrologic and hydraulic analysis, performed in accordance with standard engineering practice, there is no increase in the base flood elevation during the occurrence of the base flood discharge. If base flood elevations existing with no floodway delineation, hydrologic and hydraulic analysis is required to demonstrate not more than six-inches accumulative increase at any point to the water surface elevation during a base flood event.

8.a. Does the proposed development meet NFIP and City Code requirements:

- x Construction materials and methods resistant to flood damage (non-residential construction)?  
x Anchored properly?  
x Utilities safe from flooding?  
x Project designed to minimize flood damage?

8.b. Does the proposed development meet NFIP and City Code requirements:

- \_\_\_\_\_ Encroachments – proposed action will not obstruct flood waters.  
\_\_\_\_\_ Proposed site grade elevation of fill or topographic alteration. Top of fill or elevation to be at \_\_\_\_\_ feet NAVD 1988.  
\_\_\_\_\_ Proposed lowest floor elevation (including basement or crawl space) to be at \_\_\_\_\_ feet NAVD 1988.  
\_\_\_\_\_ Proposed floodproofed elevation to be at \_\_\_\_\_ feet NAVD 1988.

**NOTE:** All new and substantially improved residential structures must be built with the lowest floor, including basement or crawl space, elevated to an elevation of two-feet or more above the base flood elevation (100-year), unless a variance has been granted. Nonresidential structures must be built with the lowest floor, including basement or crawl space, elevated or floodproofed to an elevation of one-foot or more above the base flood elevation (100-year), unless a variance has been granted.

9. For structures located in approximate Zone A (no BFE available) the structure's lowest floor is \_\_\_\_\_ feet above the highest grade adjacent to the structure.
10. Application Fee: N/A      Date Paid: N/A
11. The proposed development is in compliance with the City Code x Yes \_\_\_\_\_ No.

**PERMIT ISSUED ON:** \_\_\_\_\_ **PERMIT NUMBER** \_\_\_\_\_

12. **PERMIT DENIED:** \_\_\_\_\_

13. **EXEMPTION:** \_\_\_\_\_

Date: \_\_\_\_\_ Administrator's Signature: \_\_\_\_\_