

MEMORANDUM

TO: Planning Board

FROM: Jessica Stevens, Civil Engineer II

DATE: September 24, 2015

SUBJECT: **Call Up Items:** Eben Fine Park rehabilitation and enhancement
Floodplain Development Permit (LUR2015-00077)
Wetland Permit (LUR2015-00078)

This decision may be called up before Planning Board on or before **October 8, 2015**.

A floodplain development permit and wetland permit were approved by Public Works Development Review staff on September 22, 2015 for rehabilitation and enhancement of Eben Fine Park.

The City of Boulder Public Works Department has applied for a floodplain development permit and a standard wetland permit for the rehabilitation of areas which have experienced erosion and wear associated with visitor use at Eben Fine Park. Currently portions of the park area consist of bare ground with exposed roots and rocks and portions of the boulder edging along the channel banks are loose or have been washed out of place. The park rehabilitation will include improving access to Boulder Creek through the installation of stepping stone access areas to Boulder Creek and maintenance of the boulder edging in order to stabilize the creek bank. The project will also include enhancements to the park including the addition of picnic areas, creation of distributed habitat restoration areas and the construction of drainage swales along the creek.

The applicant has demonstrated compliance with the City's floodplain regulations. The project will not adversely impact nearby properties. A copy of the floodplain development permit and a vicinity map showing the location of the improvements is attached.

The park improvements will temporarily impact 23,087 square feet of buffer zone and 6,316 square feet of wetland area. Permanent impacts include 871 square feet of regulated stream channel and 11,762 square feet within the buffer area. Public Works has proposed to restore the buffer areas by planting a native seed mix, native trees and riparian shrubs. Project impacts will be mitigated through park enhancements and the creation of distributed habitat restoration areas along the creek.

The floodplain development permit and wetland permit were approved by Public Works Development Review staff on September 24, 2015 and the decision may be called up before Planning Board on or before October 8, 2015. There is one Planning Board meeting within the 14 day call up period on **October 1, 2015**.

Questions about the project should be directed to the interim Floodplain and Wetlands Administrator, Jessica Stevens at 303-441-3121 or by e-mail at stevensj@bouldercolorado.gov.

Attachments:

- A. Floodplain Development Permit
- B. Vicinity Map - Floodplain
- C. Wetland Permit
- D. Vicinity Map - Wetland



CITY OF BOULDER
Planning and Development Services

1739 Broadway, Third Floor • P.O. Box 791, Boulder, CO 80306-0791
 phone 303-441-1880 • fax 303-441-4241 • web boulderplandev.net

Land Use Review Floodplain Development Permit

Date Issued:

Expiration Date:

(Pursuant to Subsection 9-3-6(e), B.R.C. 1981)

Permit Number:

LUR2015-00077

Contact Information

KATIE KNAPP
 1739 BROADWAY SECOND FLOOR
 BOULDER, CO 80302

Project Information

Location: 101 ARAPAHOE AV
Legal Description: TR 416D 36-1N-71 AKA EBEN FINE PARK
Description of Work: FLOODPLAIN DEVELOPMENT PERMIT - Floodplain Review (Conveyance Zone) with Analysis - Rehabilitation of Eben G. Fine Park.
Type of Floodplain Permit: Floodplain Review W/ Analysis
Creek Name:
Flood Protection Elevation: Not applicable

Conditions of Approval

- The proposed project/activity is approved on the basis that it satisfies applicable requirements of Chapter 9-3-3, "Floodplain Regulations," Boulder Revised Code 1981. Other floodplain requirements as set forth in Chapter 9-3-3 which are not specifically outlined in the conditions of approval below remain applicable to this project/activity.
- The applicant shall provide certification from a licensed professional engineer that improvements have been constructed as designed upon completion.
- The applicant shall obtain a site inspection and approval from the City of Boulder Floodplain and Wetlands Coordinator upon completion of the projects.
- Improvements shall be constructed in accordance with the plans submitted as part of the floodplain development permit application.

Inspections

To schedule an inspection, call 303-441-3280 and refer to your permit number (LUR2015-00077).

- Final Floodplain Inspection



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phone 303-441-1880 • fax 303-441-4241 • web boulderplanddevelop.net

Wetland Permit

Date Issued: 9/21/2015 **Expiration Date: September 20, 2018**
(Pursuant to Subsection 9-3-9(k), B.R.C. 1981)

Permit Number: LUR2015-00078

Contact Information

KATIE KNAPP
1739 BROADWAY SECOND FLOOR
BOULDER, CO 80302

Project Information

Location: 101 ARAPAHOE AV
Legal Description: TR 416D 36-1N-71 AKA EBEN FINE PARK
Description of Work: WETLAND PERMIT - STANDARD REVIEW - Stream bank rehabilitation at Eben G. Fine Park.

Conditions of Approval

- The proposed project/activity is approved on the basis that it satisfies applicable requirements of Chapter 9-3-9, "Wetlands Protection," Boulder Revised Code 1981. Other wetland requirements as set forth in Chapter 9-3-9 which are not specifically outlined in the conditions of approval below remain applicable to this project/activity.
- The improvements shall be constructed to minimize and mitigate impacts to the existing wetlands in conformance with the conditions of the City of Boulder Wetland Permit issued for this project.
- Best management practices shall be applied to all phases of the project and shall conform to the requirements of the "City of Boulder Wetlands Protection Program: Best Management Practices" adopted July, 1995; and "City of Boulder Wetlands Protection Program: Best Management Practices - Revegetation Rules" adopted July, 1998.
- The mitigation and restoration areas shall be maintained and irrigated as required to ensure seed germination, tree and shrub survival and an overall successful mitigation.
- The mitigation site shall be monitored annually for five years. Monitoring reports shall be submitted to the city of Boulder Planning and Development Services prior to December 31st of each year. If it is determined that the restoration is not successful, then corrective measures will need to be established and implemented to ensure a successful project. The following criteria shall be used to determine success:
- The mitigation site shall be monitored annually for five years. Monitoring reports shall be submitted to the city of Boulder Planning and Development Services prior to December 31st of each year. If it is determined that the restoration is not successful, then corrective measures will need to be established and implemented to ensure a successful project. The following criteria shall be used to determine success:

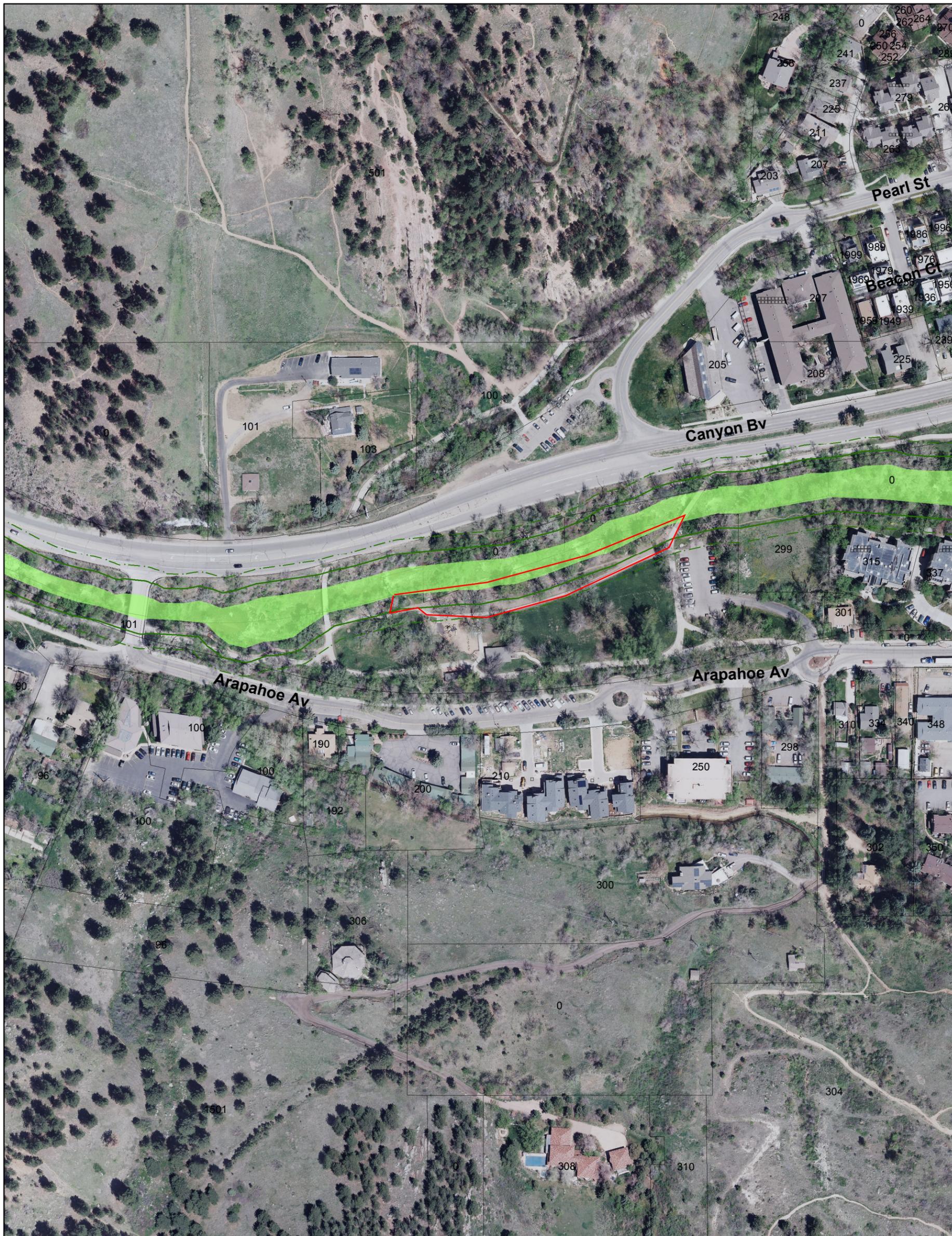
At least 80% native vegetative cover
Invasive species on the Colorado Noxious Weed Inventory list-A shall be 100% eradicated.
Invasive species on the Colorado Noxious Weed Inventory list-B shall encompass no more than 10% of the total cover of the restoration area.
Tree and shrub survival shall be 100%.

Inspections

To schedule an inspection, call 303-441-3280 and refer to your permit number (LUR2015-00078).

- Wetland Mitigation Inspection
- Wetland Mitigation 2nd Year
- Wetland Mitigation 3rd Year
- Wetland Mitigation 4th Year
- Final Wetland Mitigation Insp

Eben Fine Park



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SUBJECT TO REVISION

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Map produced by the City of Boulder Planning & Development Services Department
For information call (303) 441-3266 or visit us on the web at <http://www.bouldercolorado.gov/pwplan>

Legend

Wetlands

Stream Category

- High Functioning
- Low Functioning

