

**Vermont Department of Environmental Conservation**

Watershed Management Division  
Springfield Regional Office  
100 Mineral Street, Suite 303  
Springfield, VT 05156  
www.watershedmanagement.vt.gov

*Agency of Natural Resources*

[phone] 802-885-8855  
[fax] 802-885-8890  
[cell] 802-345-3510

**AUTHORIZATION TO CONDUCT NEXT FLOOD MEASURES**

Pursuant to Section F.2.b of the Vermont Stream Alteration General Permit

Project Number: **SA-05-012-2015 Ludlow Mountain Road Embankment**

Applicant Name: Town of Ludlow

Contact: Frank Heald or Ron Tarbell

Mailing Address: PO Box 359, 37 Depot St, Ludlow, VT 05149

Phone: (802) 228-2841 or (802) 228-2271

Project Location: Mountain Rd TH #2 on trib to Black River

Email: [tmanager@ludlow.vt.us](mailto:tmanager@ludlow.vt.us) [ludlowhighway@tds.net](mailto:ludlowhighway@tds.net)

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes stone rip-rap stabilization of about 200' of road embankment along an un-named tributary to the Black River to protect the roadway and utilities exposed by the mass slope failure.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit – Next Flood Protective Measures.
3. The proposed activity will meet the terms and conditions of Section F of the General Permit provided:
  - a) The project will be completed and approved as shown on the plan undated plans, prepared by Town of Ludlow, and approved by the Vermont Agency of Natural Resources as attached herein.
  - b) The project is proportional to the threat and conditioned to cease when the threat to life or to improved property has ended.
  - c) The project will not result in a threat to life, public health or safety.
  - d) The project will meet the standards detailed in subsection E.2.1 and E.2.2 of the General Permit.
  - e) The project will meet Stream Alteration Standards to the greatest extent possible.
  - f) A pre-construction meeting is held between the contractor, owner/applicant, and the ANR River Management Engineer.
  - g) The River Management Engineer is notified by phone or email when construction begins and when the project is complete.

If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Signed this 1<sup>st</sup> day of April, 2015  
David K. Mears, Commissioner  
Department of Environmental Conservation

This permit expires October 1, 2015.

by:   
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Todd Menees, P.E., P.H., River Management Engineer



CONCEPTUAL DESIGN PLANS/DETAILS

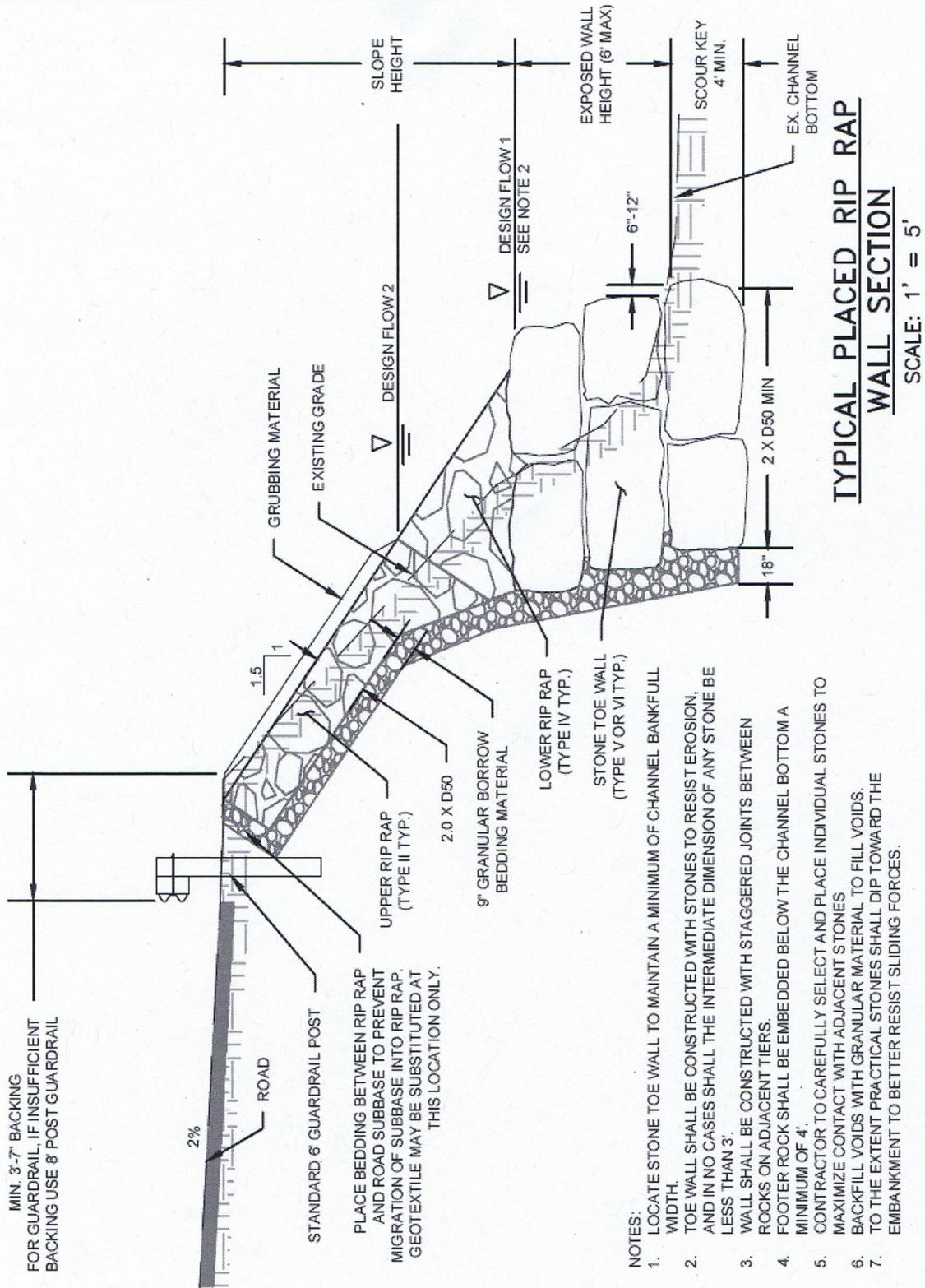
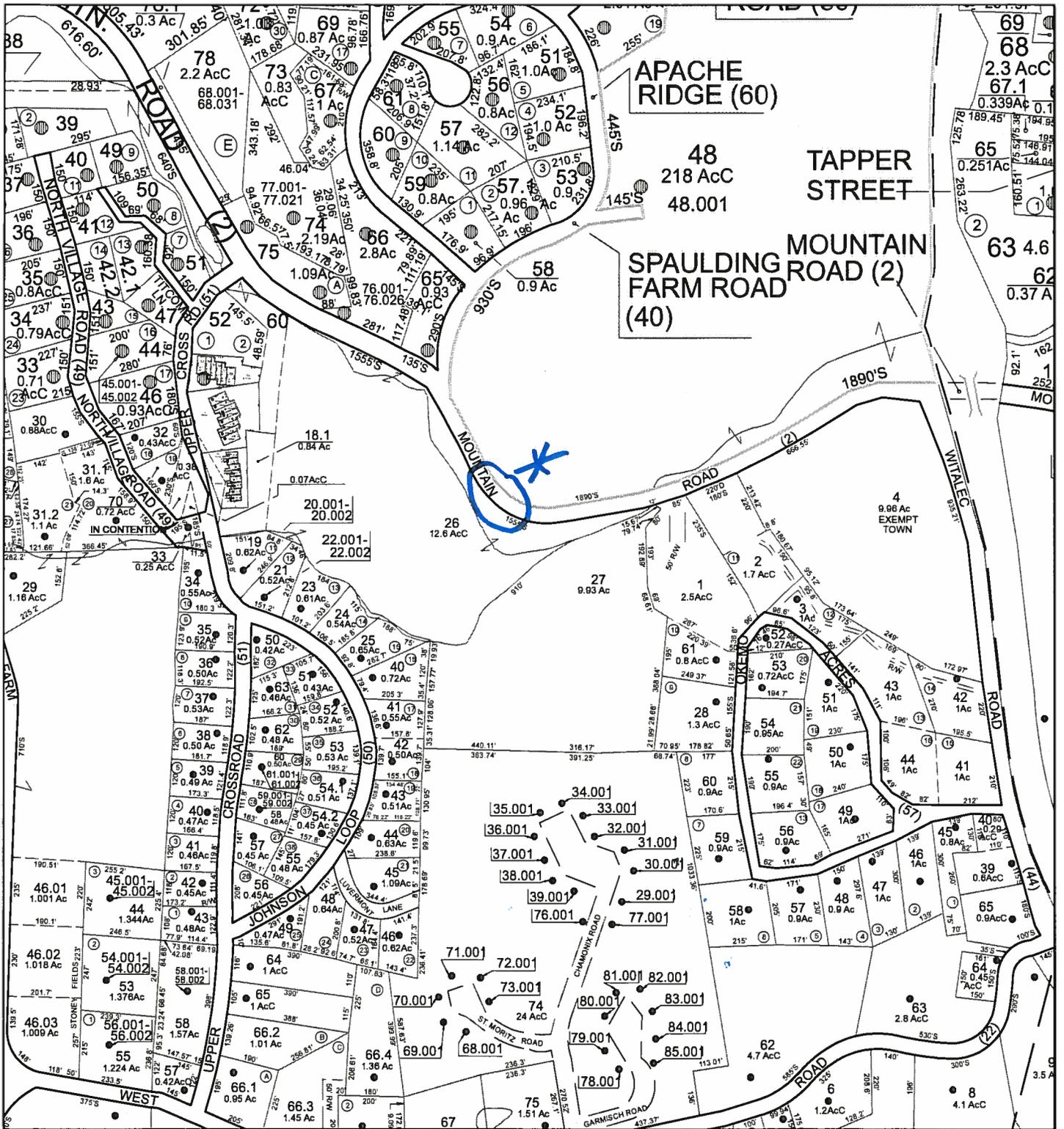
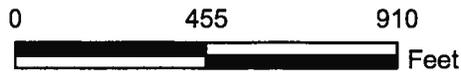


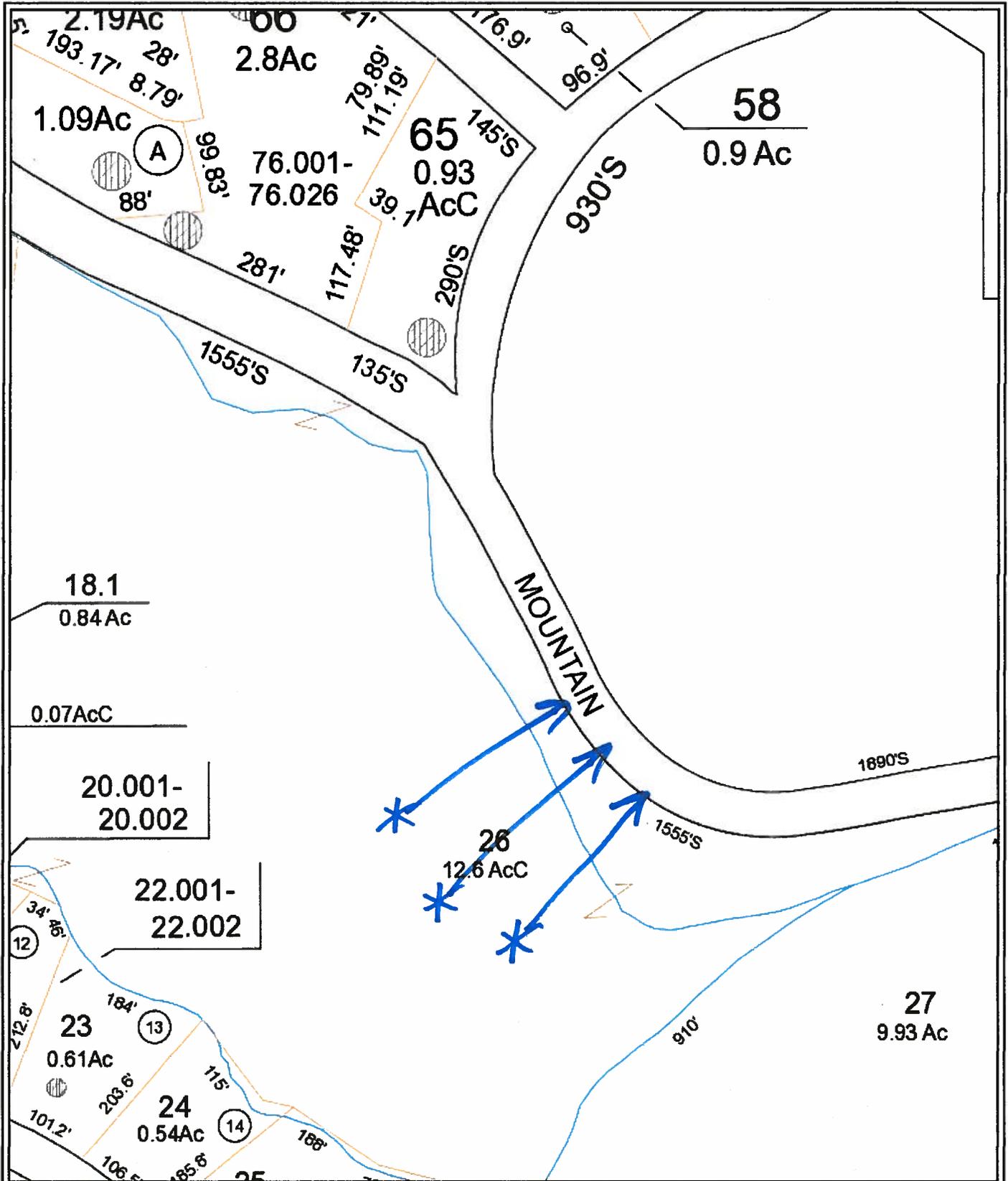
Figure 5.2-3: Placed riprap wall typical detail. (Source: Dubois & King and Milone & MacBroom, Inc., 5/1/2014)



Ludlow, VT



4/1/2015



Ludlow, VT  
 1 Inch = 149 Feet  
 April 01, 2015



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