

Vermont Department of Environmental Conservation

Watershed Management Division
Springfield Regional Office
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Agency of Natural Resources

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AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES

Pursuant to Section C.2.3 of the VT Stream Alteration General Permit (Reporting activities requiring an application)

Project Number: **SA-05-017-2016 Chester Kaiman Bank Stabilization**

Applicant Name: Lisa Kaiman

Contact: Lisa Kaiman

Mailing Address: Jersey Girl Farm, 127 Thompson Rd, Chester Vermont 05343

Phone: (802) 236-4806

Project Location: Cattle pasture & hay field along the Williams River

Email: jgirls@vermontel.net

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

1. This project authorizes the rock rip-rap stabilization of approximately 200' of stream bank along the farm pasture eroded in T.S. Irene north of the intersection of Thompson Road and Route 103 on the Williams River.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
 - a) The project will be completed and approved as shown on the attached undated plans, prepared by Chris Carlock, and as approved herein by the VT ANR.
 - b) The project will not adversely affect the public safety by increasing flood hazards.
 - c) The project will not significantly damage fish life or wildlife.
 - d) The project will not significantly damage the rights of riparian owners.
 - e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
 - f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
 - g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
 - h) In-stream working dates for all GP activities are from July 1st through October 1st; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
 - i) This authorization has been posted for three days public comment. This authorization constitutes final approval.

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 13th day of July, 2016

This permit expires October 1, 2016.

Alyssa B. Schuren, Commissioner

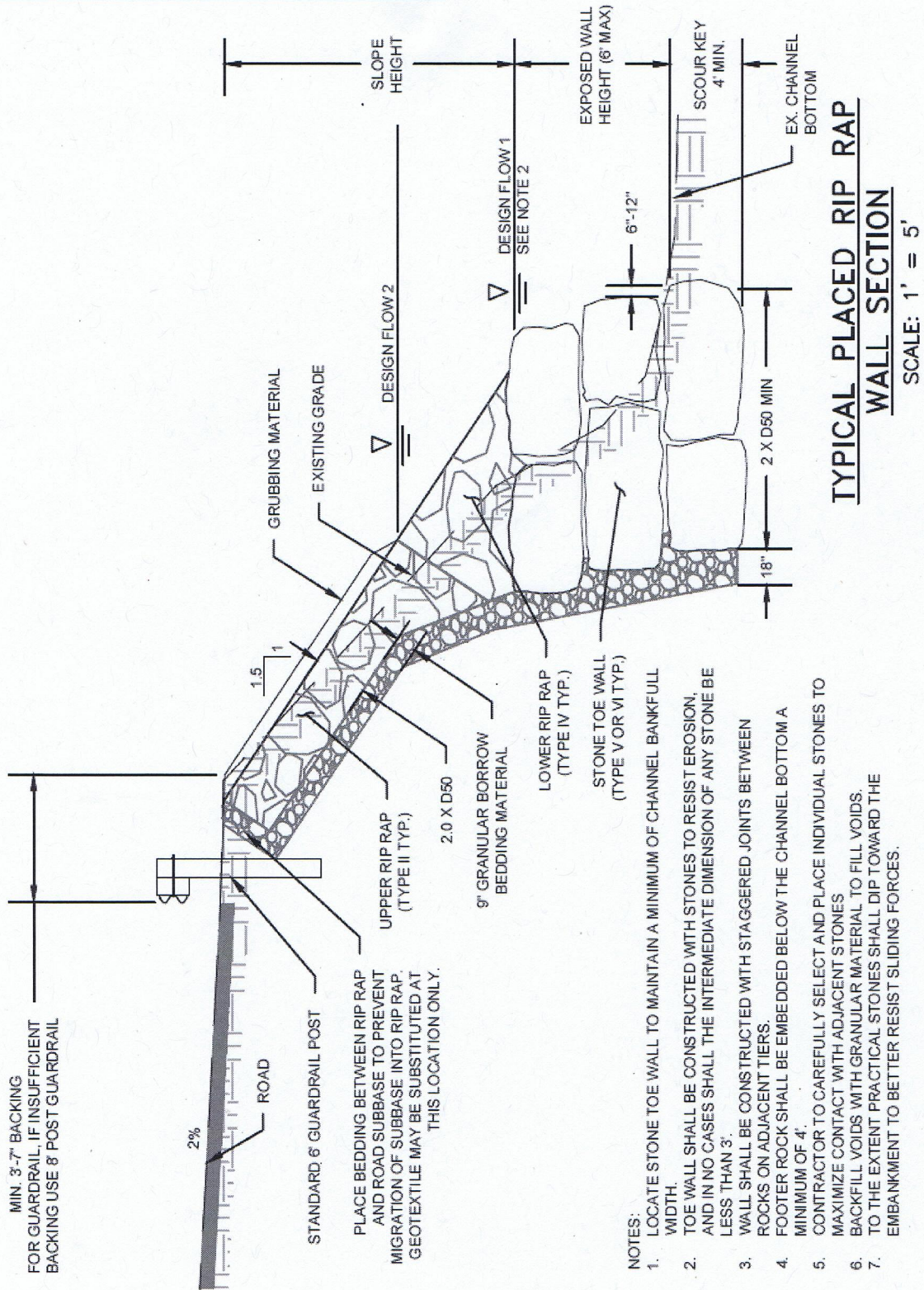
Department of Environmental Conservation



by _____

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

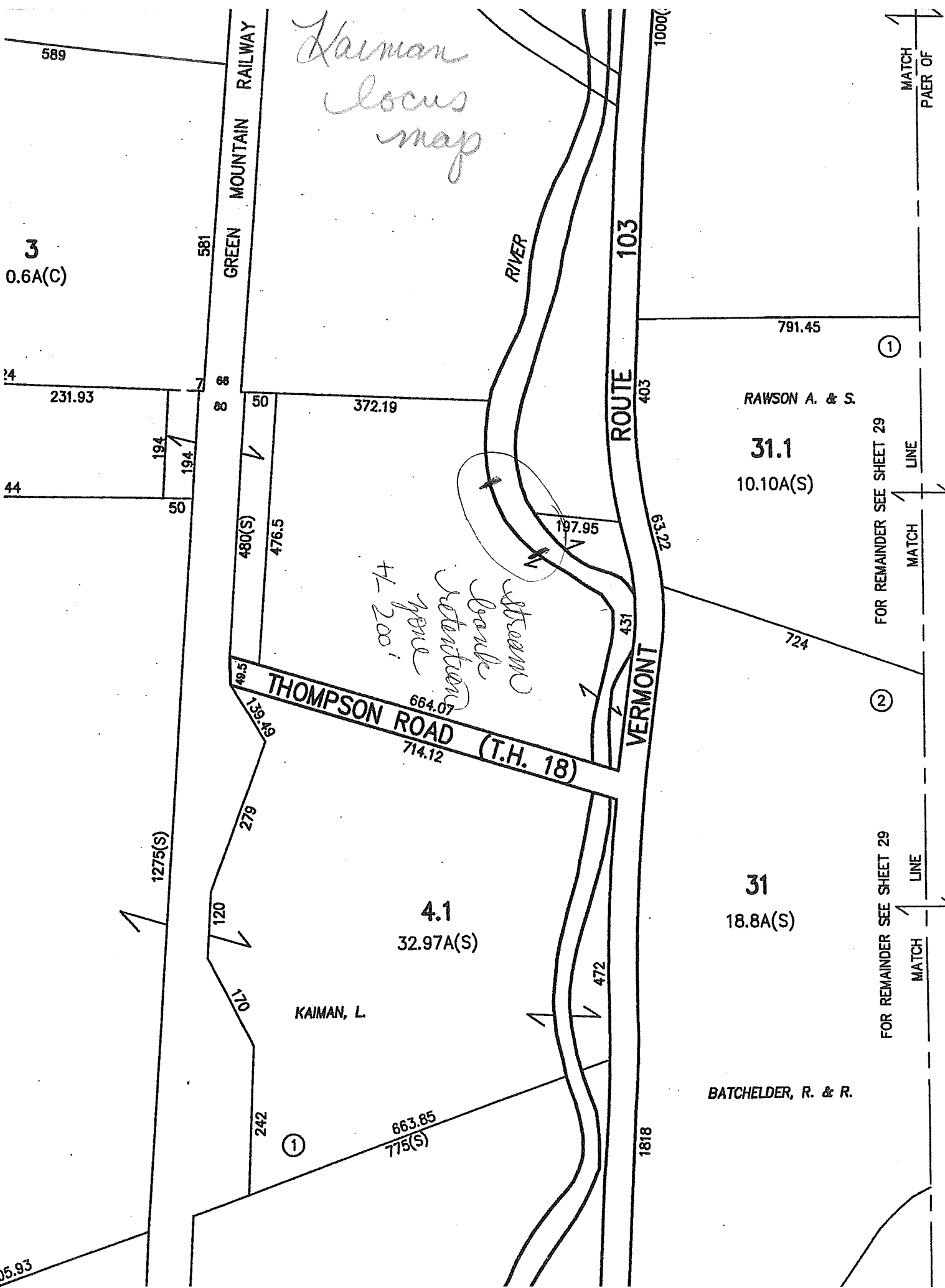
CONCEPTUAL DESIGN PLANS/DETAILS



- NOTES:
1. LOCATE STONE TOE WALL TO MAINTAIN A MINIMUM OF CHANNEL BANKFULL WIDTH.
 2. TOE WALL SHALL BE CONSTRUCTED WITH STONES TO RESIST EROSION, AND IN NO CASES SHALL THE INTERMEDIATE DIMENSION OF ANY STONE BE LESS THAN 3'.
 3. WALL SHALL BE CONSTRUCTED WITH STAGGERED JOINTS BETWEEN ROCKS ON ADJACENT TIERS.
 4. FOOTER ROCK SHALL BE EMBEDDED BELOW THE CHANNEL BOTTOM A MINIMUM OF 4'.
 5. CONTRACTOR TO CAREFULLY SELECT AND PLACE INDIVIDUAL STONES TO MAXIMIZE CONTACT WITH ADJACENT STONES.
 6. BACKFILL VOIDS WITH GRANULAR MATERIAL TO FILL VOIDS.
 7. TO THE EXTENT PRACTICAL STONES SHALL DIP TOWARD THE EMBANKMENT TO BETTER RESIST SLIDING FORCES.

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

Kaiman locus map



3
0.6A(C)

24
231.93

44
194
50

1275(S)

581
GREEN MOUNTAIN RAILWAY

68
80
50
372.19

480(S)
476.5

49.5
139.49
279
THOMPSON ROAD (T.H. 18)
664.07
714.12

4.1
32.97A(S)

KAIMAN, L.

663.85
775(S)

RIVER

ROUTE 103 VERMONT

1000'

63.22

1818

RAWSON A. & S.
31.1
10.10A(S)

791.45

724

31
18.8A(S)

BATCHELDER, R. & R.

FOR REMAINDER SEE SHEET 29

FOR REMAINDER SEE SHEET 29

MATCH PAER OF

①

②

LINE

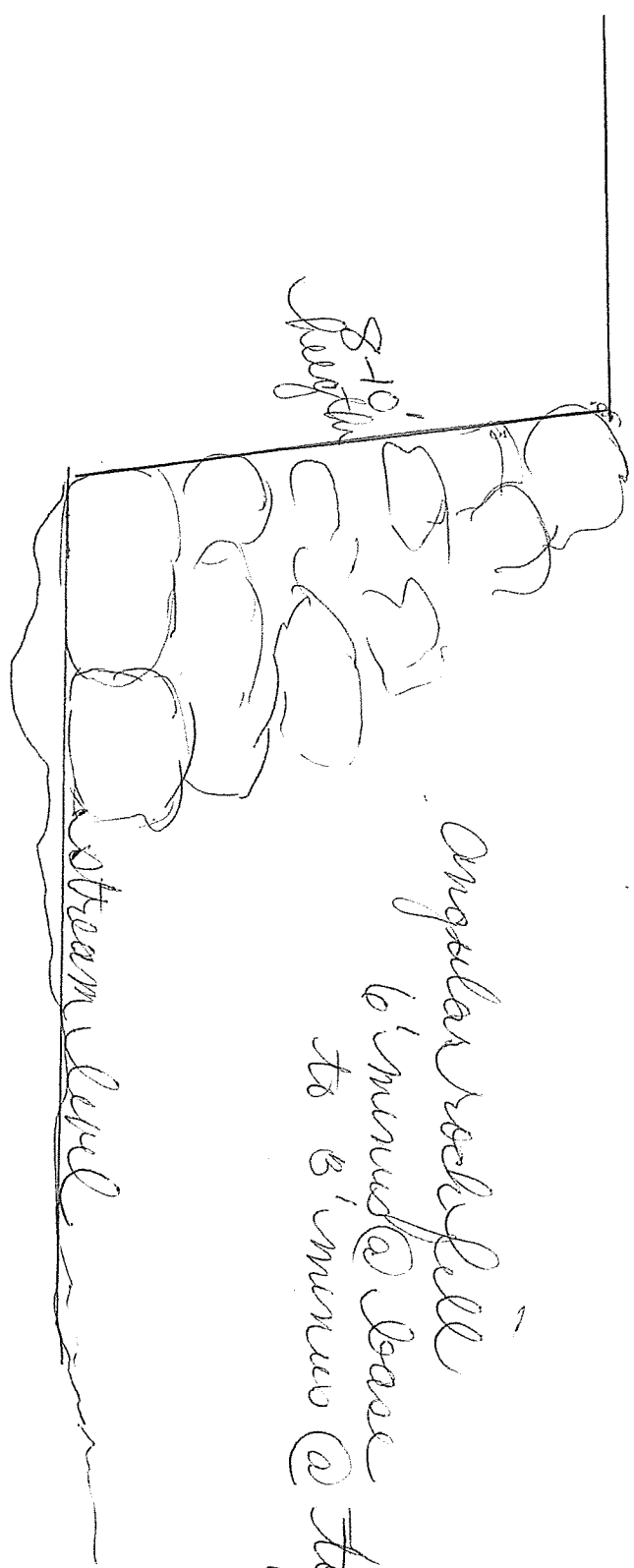
MATCH

LINE

Bank Profile

Fairman Project
Rt 103 N, Chester VT

Contractor: Dan O'Leary



See locator map, 200' length
6-10' gravel depth