



County of Albemarle

Blank Public Building Application

Community Development Department, Central
Operations Division
401 McIntire Road Charlottesville, VA 22902-4596
Voice : (434) 296-5832 Fax : (434) 972-4126

PARCEL / OWNER INFORMATION

TMP 7B-21 B
Current Owner(s) COLLETT & EDITH THACH

STREET ADDRESS

House # Street Name EAST Market St Apt / Suite

BUILDING WORK INFORMATION

Work Class:	Frame Type:	Water Supply Type:	Sewage Disposal Type:	Footings / Foundation Type:
<input type="checkbox"/> Addition	<input type="checkbox"/> Concrete	<input type="checkbox"/> Cartesian Well	<input type="checkbox"/> None	<input type="checkbox"/> Basement
<input type="checkbox"/> Alteration	<input type="checkbox"/> Masonry	<input type="checkbox"/> None	<input type="checkbox"/> Private	<input type="checkbox"/> Crawl Space
<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Other	<input type="checkbox"/> Private	<input type="checkbox"/> Public	<input type="checkbox"/> None
<input type="checkbox"/> New	<input type="checkbox"/> Steel	<input type="checkbox"/> Private	<input type="checkbox"/> <u> </u>	<input type="checkbox"/> Other
<input type="checkbox"/> Other	<input type="checkbox"/> Vinyl	<input type="checkbox"/> Public	<input type="checkbox"/> <u> </u>	<input type="checkbox"/> Slab
<input type="checkbox"/> Remodel	<input type="checkbox"/> Wood	<input type="checkbox"/> <u> </u>	<input type="checkbox"/> <u> </u>	<input type="checkbox"/> <u> </u>

Jurisdictional Area Other Foot / Found. Desc.:

Work Valuation

Work Description

Demolition of existing stone dam across Rivanna River (Wooten Mills Dam)

Directions

From downtown Charlottesville, east on East Market Street to the end. Dam is on the left.

Use Group

Construction Type

Square Footages:	# of Stories	Porches
	1st Floor	Decks
	2nd Floor	Garage
	3rd Floor	Swimming Pool
	Finished Basement	Unfinished Basement
	Other Habitable	Other Unfinished
Total Habitable Sq. Footage		Total Unfinished Sq. Footage
		Total Building Sq. Footage

Set Backs:	Front	Back
	Left Side	Right Side

Zoning Pre-Construction?	<input type="checkbox"/>	Land Use?	<input type="checkbox"/>
Fire Alarms Required?	<input type="checkbox"/>	Bldg Pre-Construction?	<input type="checkbox"/>
Fire Sprinkler NAPA Code/Year	<input type="checkbox"/>		

PROPOSED USE INFORMATION

Dwelling Units	<input type="checkbox"/>	Accessory Structures	<input type="checkbox"/>	Mobile/Prefab. Homes	<input type="checkbox"/>	Mobile Offices/Prefab. Units	<input type="checkbox"/>
Carpports	<input type="checkbox"/>	Bedrooms	<input type="checkbox"/>	Baths	<input type="checkbox"/>	Paint Spray Booths	<input type="checkbox"/>
Garages	<input type="checkbox"/>			Kitchens	<input type="checkbox"/>	Swimming Pools/Hot Tubs/Spas (Res. Only)	<input type="checkbox"/>
Other	<input type="checkbox"/>			Elevators/Escalators/Lifts	<input type="checkbox"/>		

APPLICATION CONTACT INFORMATION

Primary Contact

Name	PATRICK PUNCH	Phone #	434.293-3679
Street Address	1608 OXFORD RD	Fax #	
City / State	C-VILLE VA	Zip Code	22903
E-mail	Pat Punch @ earthlink.net	Cellular #	

Ownership Applicant

Name	Rivanna Conservation Society	Phone #	434.589-7576
Street Address	P.O. Box 141	Fax #	
City / State	Palmyra VA	Zip Code	22963
E-mail		Cellular #	

Mechanics Lien

Name		Phone #	
Street Address		Fax #	
City / State		Zip Code	
E-mail		Cellular #	

General Contractor T.B.D.

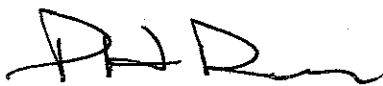
Name		Phone #	
Street Address		Fax #	
City / State		Zip Code	
E-mail		Cellular #	

Separate permits are required for Electrical, Plumbing, Heating, Ventilating and Air Conditioning.

This permit becomes null and void if work or construction authorized is not commenced within 6 months, or if construction or work is suspended or abandoned for a period of 6 months at any time after work is commenced.

I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

The owner and /or their agent hereby acknowledges, grants and authorizes County Staff the right to enter and inspect the subject property.



Signature of Owner, Contractor or Authorized Agent

2/22/06

Date

Signature of Building official or Authorized

Date

Demolition Information

After evaluating all best practices and consulting with local construction contractors about site-specific issues, the engineers provided the following recommendations:

1. Work should be accomplished during periods of low flow (recommend July through December) in order to avoid American and hickory shad spawning runs.
2. Attempts should be made to preserve and recycle the cut rock and timbers that form the dam breast as per desires of current dam owners and any partners in the demolition.
3. Staging for the work should be in the adjacent parking lot with equipment refueling activity occurring there rather than on or near the river channel.
4. Access to the dam breast should be by way of a temporary rock causeway installed from the edge of the macadam drive, down the southern bank, and into/across the channel immediately downstream of the dam breast. Rock used for the construction of the temporary causeway within the water should be free of fine particulates.
5. Careful and strategic breaching of the dam breast must be undertaken to avoid a sudden surge of water and release of impounded sediment. By carefully locating the position of each breach, sediment that is head cut can be encouraged to deposit in the resulting rock outcroppings and gravel bars situated downstream of the dam on the southern side of the channel.
6. Rock from the causeway and from the demolition portion of the dam in excess of what is necessary to establish proposed grades within what is now the scour hole below the dam shall be removed and deposited outside the floodplain.
7. The exposed end of the portion of the dam that is to remain must be left in a stable condition. This is to be accomplished by gradually stepping back the various layers of rock in "staircase" fashion.
8. The log-cribbing portion of the dam breast that is not removed must be left in stable condition.

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ANTICIPATED SEDIMENT HEADCUT

DEPTH ft	AREA ft ²	VOLUME yd ³
4.0	3,800	562.96
3.5	2,376	308.00
3.0	6,368	709.78
2.5	8,016	742.22
2.0	18,836	1,395.28
1.5	10,756	597.56
1.0	11,892	440.44
0.5	30,688	568.30
TOTAL		5,324.52 yd ³

COMPUTED BY HAND USING PLANIMETER—NOT C.A.D.

APPROX. PORTION OF
DAM TO BE REMOVED

TEMPORARY
ACCESS
ROAD

NECESSARY TO TEMPORARILY
CUT EXISTING FENCE HERE

NOTE:
TEMPORARY ROCK CAUSEWAY TO BE
CONSTRUCTED OF ROCK AVERAGING
BETWEEN 6" TO 30" IN DIAMETER

LEGEND

- 2.5 = ESTIMATED HEADCUT OF SEDIMENTS (MOSTLY SANDS)
- EXISTING EDGE OF RIVER
- PROPOSED EDGE OF RIVER

DATE: JULY 2004		SHEET NO. 4 OF 6		DWG. NO. 03-5646-01	
PROPOSED CONDITIONS PLAN		FOR		WOOLEN MILLS DAM	
ALLEGANY COUNTY		VIRGINIA		REVISION	
MANAGER: MARK A. METZLER		DESIGN BY: M.A.M.		DRAWING REFERENCE: A/COUNTY/STATE/UNITED STATES OF AMERICA	
SURV. CHIEF: M.A.M.		DRAWN BY: K.S.B.		CHECK BY: M.A.M.	
TELEPHONE NO. 800.000.0000		FAX NO. 800.000.0000		E-MAIL: M.A.M. @ RIVANNA.ORG	
RIVANNA CONSERVATION SOCIETY		P.O. BOX 453		CHARLOTTESVILLE, VA 22902	
PHONE: (434) 220-0083		FAX: (434) 220-0083		E-MAIL: M.A.M. @ RIVANNA.ORG	
SCALE: 1" = 20'		1" = 20'		1" = 20'	
NORTH		NORTH		NORTH	