

AGENDA
Inland Wetland Agency
REGULAR MEETING
MONDAY, April 1, 2013
Council Chambers, Audrey Beck Building

Call to Order: 7:00 PM

Review of Minutes of Previous Meetings and Action Thereon:
3.04.2013 - Regular Meeting

Communications:
Conservation Commiss - no referrals from March IWA meeting
GM Monthly Business memorandum

Public Hearings: None

Old Business:
Pending:
W1502 - Wetlands Violation Ordinance - tabled (no new information)

New Business:
W1514 - S.Windham Post & Beam Co. - Woodland Rd Subdivision Lot
re-issuance of expired permit
W1515 - Lowe - Puddin Lane - above ground pool in buffer
W1516 - Town of Mansfield - BiCentennial Pond - Trail Project

Reports of Officers and Committees:

Other Communications and Bills:
Connecticut Federation of Lakes
DEEP Notice re: Uconn Sewer Plant Discharge renewal - 3 MGD

Adjournment:

DRAFT MINUTES
MANSFIELD INLAND WETLANDS AGENCY
Regular Meeting
Monday, March 4, 2013
Council Chambers, Audrey P. Beck Municipal Building

Members present: J. Goodwin (Chairman), B. Chandy, K. Holt, G. Lewis, P. Plante B. Pociask K. Rawn,
B. Ryan
Members absent: R. Hall,
Alternates present: A. Marcellino, S. Westa
Alternates absent: V. Ward
Staff present: Grant Meitzler, Wetlands Agent

Chairman Goodwin called the meeting to order at 7:00 p.m. and appointed alternate Westa to act in Hall's absence.

Minutes:

02-04-13 - Regular Meeting- Chandy MOVED, Plante seconded, to approve the 2-04-13 minutes as written. MOTION PASSED UNANIMOUSLY with Ryan noting that she listened to the recording of the meeting.

02-13-13- Field Trip- Ryan MOVED, Holt seconded, to approve the 2-13-13 Field Trip minutes as written. MOTION PASSED with Goodwin, Ryan and Holt in favor and all others disqualified.

Communications:

The 2-20-13 Draft Minutes of the Conservation Commission and the 2-25-13 Wetlands Agent's Monthly Business report were noted.

Old Business:

W1505 - Beacon Hill Estates, Section II, Mansfield City Road, 17 Lot Subdivision

Holt, Plante and Pociask disqualified themselves, and Marcellino was appointed to act.

Chandy MOVED, Ryan seconded, to approve the application for wetlands file W1505, submitted by the Eagleville Development Group LLC for a 17 lot subdivision known as Beacon Hill Section 2, with a proposed road and other associated improvements, on property owned by the applicant and located on the south side of Mansfield City Road and west of a subdivision known as Beacon Hill Section 1, as depicted on a plan dated July 15, 2012, and as presented at meetings of the Inland Wetland Agency on November 5, 2012, December 3, 2012, January 7, 2013 and February 4, 2013.

This action is based on a finding of no significant impact, and is conditioned on the following provisions being met:

1. All erosion and sediment controls as described in the application shall be in place prior to construction, maintained during construction and removed when disturbed areas are completely stabilized.

This approval is valid for a period of five years (until March 4, 2018), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this Agency for further review and comment. MOTION PASSED with all in favor except Holt, Plante and Pociask who disqualified themselves.

W1511 – Homework Properties, LLC- 85 & 87 Old Turnpike Road, 2 Lot Subdivision

Holt MOVED, Rawn seconded, to grant an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to Homeworks Properties (file #W 1511) for a 2-lot subdivision, on property owned by the applicant and located at 85-87 Old Turnpike Road, as shown on plans dated 12/12/12, and as described in other application submissions.

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. Erosion and sedimentation controls (as shown on the plans) shall be in place prior to construction and maintained during construction and removed when disturbed areas are completely stabilized;
2. The Wetlands Agent recommends minor grading along the edge of Old Turnpike Road to maintain the current flow past the two driveways and downhill on the road to the east, rather than directing the flow into either of the two new lots. The applicant shall seek the advice of the Wetlands Agent on this matter.

This approval is valid for five years (until March 4, 2018), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comment. MOTION PASSED UNANIMOUSLY.

W1513 – Bruder – 3 Boulder Lane – above ground pool with deck

Holt MOVED, Ryan seconded, to grant an Inland Wetlands License pursuant to the Wetlands and Watercourses Regulations of the Town of Mansfield to Xiomara Bruder (file #W 1513) for an above-ground pool with deck, on property owned by the applicant and located at 3 Boulder Lane, as shown on plans dated 1/31/13, and as described in other application submissions.

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. Erosion and sedimentation controls shall be in place prior to construction and maintained during construction and removed when disturbed areas are completely stabilized;
2. Neither the pool nor the edge of the deck shall be built any closer than 50 feet from the wetland, and the wetland boundary shall be marked and/or approved by the Wetlands Agent before any work begins.
3. All excavated material may either be removed from the property, or it may be spread around the property not closer than 50 feet from the wetland boundary.

This approval is valid for five years (until March 4, 2018), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comment. MOTION PASSED UNANIMOUSLY.

Pending:

W1502 - Wetlands Violation Ordinance

Item was tabled– no new information.

New Business:

None.

Adjournment:

The Chairman declared the meeting adjourned at 7:09 p.m.

Respectfully submitted,

Katherine Holt, Secretary

Memorandum:

March 12, 2013

To: Inland Wetland Agency
From: Grant Meitzler, Inland Wetland Agent
Re: Monthly Business

W1419 - Chernushek - hearing on Order

- 3.10.09: The hearing on the Order remains open and should continue until the permit application under consideration is acted upon.
(The Order was dropped on approval of the application required in the Order.)
- 4.30.09: Former rye grass seeding is beginning to show green. I spoke with Mr. Chernushek this afternoon who indicated health problems that delayed his starting but indicated he will be working this weekend. I will update on this Monday evening.
- 5.26.09: A light cover of grass growth has come in. Mr. Chernushek indicates health problems and two related deaths have delayed his start of work since the permit approval was granted. It appears that some light work has started. He has further indicated that he will start a vacation on June 22, 2009 to finish the work.
- 6.13.09: Work is underway.
- 6.21.09: Bulldozer work has been completed - finish work remains. The additional silt fencing has been placed along the northerly wetlands crossing, and the additional pipe under the southerly crossing has been installed. Remaining work includes finish grading along edges, spreading stockpiled topsoil, and establishing grass growth.
- 7.01.09: I spoke with Mr. Chernushek who indicated he expects work to be completed by September 1, 2009. (Site photo attached).
- 9.03.09: Mr. Chernushek has been working on levelling and grading. The formerly seeded areas have become fairly thick growth surrounding the central wet areas. He has further indicated that with the combination of weather and the slower moving of earth with the payloader compared to the earlier rented bulldozer has led him to contact contractors for earth moving estimates which have not yet been received. The site is not yet finished but has remained quite stable.
- 9.12.09: I met with Mr. Chernushek today and discussed again what his plans are for stabilizing this work site.
- 10.01.09: Mr. Chernushek indicated he has not heard back from the contractor he had spoken with about removing material, and is in progress of contacting others. In discussion is removal of material from the site either within the 100 cubic yard limit or obtaining a permit for such removal.
- 10.28.09: Mr. Chernushek has indicated he has made arrangements with DeSiato Sand & Gravel to remove 750 cubic yards of material. Staff is in the process of clarifying permit requirements.
- W1445 - Chernushek - application for gravel removal from site**
- 11.30.09: Packet of information representing submissions by Mr. Chernushek, Mr. DeSiato and myself is in this agenda packet as Mr. Chernushek's request for modification.
- 12.29.09: Preparation of required information for PZC special permit application is in progress. Tabling any action until the February 1, 2010 meeting is recommended.
- 1.12.10: 65 day extension of time received.
- 2.18.10: No new information has been received.

- 2.25.10: This application has been **withdrawn**.
- 6.30.10: As viewed from the adjacent property, the upstream and downstream areas have grown to a decent protected surface. I did not see indication of sediment movement.
- 10.26.10: A sale of the East portion of the Chernushek property has been in negotiation.
- 12.27.10: The property exchange has been completed. The owner is now the neighboring property owner Bernie Brodin. He has indicated his intention to stabilize the area as weather permits.
- 4.25.11: Mr. Brodin indicates he is starting with grading and spreading hay and seed to stabilize disturbed areas.

Mansfield Auto Parts - Route 32

- 3.28.12: On the way to see the car moved I found the payloader blocking the entrance drive to the rear area, with the mechanic under the hood. He indicated the new engine had stopped running on the way to move the remaining car. Inspection today showed the payloader in the same location.
- 5.01.12: Payloader remains in the same location with a bad motor.
- 5.17.12: Payloader and the one vehicle have been moved. There are no vehicles within 25' of wetlands.
- 6.22.12: Inspection - no vehicles are within 25' of wetlands.
- 7.10.12: Inspection - no vehicles are within 25' of wetlands.
- 8.16.12: Inspection - no vehicles are within 25' of wetlands.
- 9.19.12: Inspection - no vehicles are within 25' of wetlands.
- 10.05.12: Inspection - no vehicles are within 25' of wetlands.
- 11.01.12: Inspection - no vehicles are within 25' of wetlands.
- 11.20.12: Inspection - no vehicles are within 25' of wetlands.
- 12.13.12: Inspection - no vehicles are within 25' of wetlands.
- 1.14.13: Inspection - no vehicles are within 25' of wetlands.
- 2.25.13: Inspection - car storage areas are snowed in, not accessible.
- 3.12.13: Inspection - no vehicles are within 25' of wetlands.

Memorandum:

March 28, 2013

To: Inland Wetland Agency
From: Grant Meitzler, Inland Wetland Agent
Re: New Business for April 1, 2013 meeting

New Applications:

W1514 - South Windham Post & Beam Co. - Woodland Rd

	yes	no
	-----	-----
fee paid	x	
notice to neighbors	x	
map dated	April 28, 2005	

This application is for re-issuance of a permit for a subdivision lot whose original permit has passed the 10 year limit. The applicant has provided copies of earlier approvals and the plan submitted is the one last in effect. A new permit is now required.

Receipt and referral to the Conservation Commission are appropriate.

W1515 - Lowe - 86 Puddin Lane - above ground pool with deck

	yes	no
	-----	-----
fee paid	x	
notice to neighbors	x	
map dated	Sept. 1960	

This application is for an above ground pool with deck that is within the 150' regulated area next to the Sawmill Brook.

Receipt and referral to the Conservation Commission are appropriate.

Request for Exemption:

W1516 - Town of Mansfield - BiCentennial Pond Trail Project,

	yes	no
	-----	-----
fee paid	n.a.	
notice to neighbors	n.a.	

map dated March 1, 2013

This request is for new trail construction, revisions to existing trail sections, and removal of trail at some locations. A trail system of moderate grade will be created surrounding the present pond. Most of the trail system is within the 150' regulated areas next to wetlands. Actual involvement with wetlands are limited.

The wetlands regulations provide for an "outdoor recreation" exemption in Section 4 provided the natural and indigenous character of the wetland is not disturbed.

I suggest a field trip to better understand the potential impacts from this proposal. This application can still be considered as an exemption request but adding a field trip will delay a decision until i May 6, 2013 or a Special Meeting on April 15, 2013.

RECEIPT OF APPLICATION FOR A WETLAND PERMIT:

_____, moved and _____ seconds to receive the application

submitted by South Windham Post and Beam Co (File #1514)

under the Wetlands and Watercourses Regulations of the Town of Mansfield

for a re-issuance of an expired Wetlands Permit

on property located at Woodland Road

as shown on a map with a revised date of 4-28-05

and as described in application submissions, and to refer said application to staff and Conservation Committee, for review and comments.

APPLICATION FOR PERMIT
MANSFIELD INLAND WETLANDS AGENCY
4 SOUTH EAGLEVILLE ROAD, STORRS, CT 06268
TEL: 860-429-3334 OR 860-429-3330
FAX: 860-429-6863

FOR OFFICE USE ONLY
File # 1514
Fee Paid \$185-
Date Received 3-21-13

Applicants are referred to the Mansfield Inland Wetlands and Watercourses Regulations for complete requirements, and are obligated to follow them. For assistance, please contact Grant Meitzler, Inland Wetlands Agent at the telephone numbers above.

Please print or type or use similar format for computer; attach additional pages as necessary.

Part A - Applicant

Name SOUTH WINDHAM POST & BEAM Co
Mailing Address 75 Pigeon Swamp Rd
Lebanon CT Zip 06249
Telephone-Home 860 377 1553 Telephone-Business 860 456 2852

Title and Brief Description of Project

Renewal of wetlands permit

Location of Project Woodland Rd, Mansfield (see map)

Intended Start Date March 2013

Part B - Property Owner (if applicant is the owner, just write "same")

Name ALEX NISHBALL
Mailing Address SAME
Zip _____

Telephone-Home _____ Telephone-Business _____

Owner's written consent to the filing of this application, if owner is not the applicant:

Signature _____ date _____

Applicant's interest in the land: (if other than owner) _____

Part C - Project Description (attach extra pages, if necessary)

1) Describe in detail the proposed activity here or on an attached page. (See guidelines at end of application – page 6.)

Please include a description of all activity or construction or disturbance:

- a) in the wetland/watercourse
- b) in the area **adjacent** to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is **off** your property

This application is for ~~per~~ renewal of expired 5 year, previously approved wetlands permit.

2) Describe the amount or area of disturbance (in square feet or cubic yards or acres):

- a) in the wetland/watercourse
- b) in the area **adjacent** to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is **off** your property

a) none
b) house and driveway excavation and landscaping around new house site

3) Describe the type of materials you are using for the project: on site material and driveway gravel as needed

- a) include **type** of material used as fill or to be excavated bank run gravel
- b) include **volume** of material to be filled or excavated f/b/d

4) Describe measures to be taken to minimize or avoid any adverse impacts on the wetlands and regulated areas (silt fence, staked hay bales or other Erosion and Sedimentation control measures).

silt fence to be installed adjacent to any wetlands

Part D - Site Description

Describe the general character of the land. (Hilly? Flat? Wooded? Well drained? etc.)

wooded, sloping, southeast facing land

Part I - Additional Notices, if necessary

- 1) Notice to Windham Water Works is attached. If this application is in the public watershed for the Windham Water Works (WWW), you must notify the WWW of your project within 7 days of sending the application to Mansfield--sending it by certified mail, return receipt requested. Contact the Mansfield Inland Wetlands Agent to find out if you are in this watershed.
- 2) Notice to Adjoining Town. If your property is within 500 feet of an adjoining town, you must also send a copy of the application, on the same day you sent one to Mansfield, to the Inland Wetlands Agency of the adjoining town, by certified mail, return receipt requested.
- 3) The Statewide Reporting Form (attached) shall be part of the application and specified parts must be completed and returned with this application.

Part J - Other Impacts To Adjoining Towns, if applicable

- 1) Will a significant portion of the traffic to the completed project on the site use streets within the adjoining municipality to enter or exit the site? ___ Yes ___ No ___ Don't Know
- 2) Will sewer or water drainage from the project site flow through and impact the sewage or drainage system within the adjoining municipality? ___ Yes ___ No ___ Don't Know
- 3) Will water run-off from the improved site impact streets or other municipal or private property within the adjoining municipality? ___ Yes ___ No ___ Don't Know

Part K - Additional Information from the Applicant

Set forth (or attach) any other information which would assist the Agency in evaluating your application. *(Please provide extra copies of any lengthy documents or reports, and extra copies of maps larger than 8.5" x 11", which are not easily copied.)*

Part L - Filing Fee

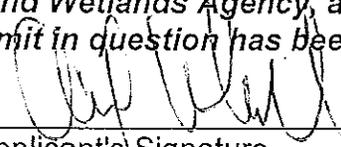
Submit the appropriate filing fee. (Consult Wetlands Agent for the fee schedule available in the Mansfield Inland Wetlands and Watercourses Regulations.)

___ \$1,000. ___ \$750. ___ \$500. ___ \$250. ✓ \$125. ___ \$100. ___ \$50. ___ \$25.

✓ \$60 State DEP Fee

Note: The Agency may require you to provide additional information about the regulated area which is the subject of the application, or about wetlands or watercourses affected by the regulated activity. If the Agency, upon review of your application, finds the activity proposed may involve a "significant activity" as defined in the Regulations, additional information and/or a public hearing may be required.

The undersigned applicant hereby consents to necessary and proper inspections of the above mentioned property by members and agents of the Inland Wetlands Agency, at reasonable times, both before and after the permit in question has been granted by the Agency.

X  Applicant's Signature

Date

3/21/13



TOWN OF MANSFIELD
INLAND WETLAND AGENCY

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
STORRS, CONNECTICUT 06268
(203) 429-3334

June 20, 2005

So. Windham Post & Beam Co., LLC
75 Pigeon Swamp Rd.
Lebanon, CT 06249

Re: Renewal of Mansfield Wetlands License (W1303) for alternate house site location,
Woodland Rd., Mansfield

Gentlemen:

At a regular meeting held on June 6, 2005, the Mansfield Inland Wetland Agency adopted the following motion:

"to grant an Inland Wetlands license under Section 5 of the Wetlands and Watercourses Regulations of the Town of Mansfield to South Windham Post & Beam Co., LLC (file W1303) for permit renewal and alternate site location for a single-family home on property owned by Alex Nishball on Woodland Road, as shown on a map dated 4/28/05 (a sketch plan drawn over an original subdivision map) and as described in other application submissions. This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. Appropriate erosion and sedimentation controls shall be in place prior to construction and maintained during construction, and removed when disturbed areas are completely stabilized;
2. Silt fence protection shall be installed along the first 200 feet of the driveway, on the downhill side;
3. Final grading and seeding shall be done immediately on completion of the rough-grading of the driveway, rather than waiting for the completion of the site work. This is to limit erosion;
4. This approval is valid for a period of five years (until 6/6/10), unless additional time is requested by the applicant and granted by the Inland Wetland Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed as soon as possible. Any extension of the activity period shall come before this agency for further review and comment."

If you have any questions regarding this action, you may contact Wetlands Agent Grant Meitzler at 860-429-3334. This letter constitutes your License.

Very truly yours,

Katherine K. Holt, Secretary
Mansfield Inland Wetland Agency



TOWN OF MANSFIELD
INLAND WETLAND AGENCY
2 052 335 620
AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
STORRS, CONNECTICUT 06268
(203) 429-3334

August 6, 1999

Alvaro Bizzicari
210 Woodland Road
Mansfield, Connecticut 06268

Re: Approval of request for Section 5 IWA license "Victory Heights" 3-lot subdivision,
Woodland Road, Mansfield, IWA file W1055

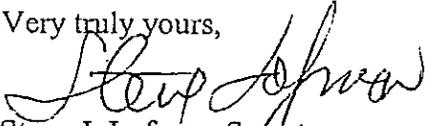
At a regular meeting on August 6, 1999, the Mansfield Inland Wetland Agency approved the following motion:

"to grant an Inland Wetland License under Section 5 of the Wetlands and Watercourses Regulations of the Town of Mansfield to Alvaro Bizzicari (file W1055) for a 3-lot subdivision within regulated areas on property owned by the applicant located near 246 Woodland Road, in an RAR-90 zone, as shown on a map dated 6/30/99, and as described in other application submissions. This action is based on a finding of no anticipated significant impact on the wetlands, and conditioned upon the following provisions being met:

1. The appropriate erosion and sedimentation controls shall be in place prior to construction, maintained during construction, and removed when disturbed areas are completely stabilized;
2. This approval is valid for a period of five years (until 8/2/04), unless additional time is requested by the applicant and granted by the Inland Wetland Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comments."

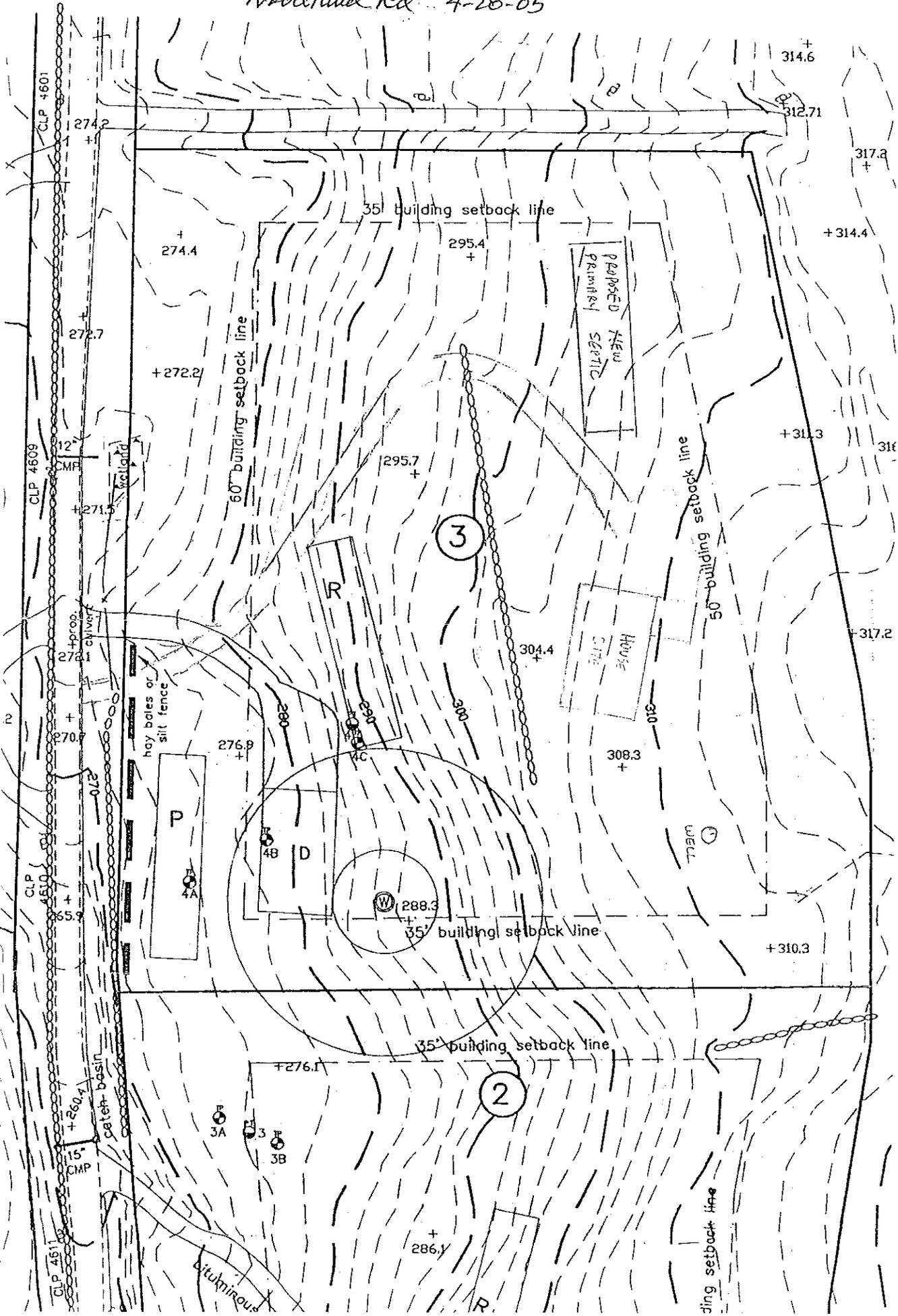
If you have any questions regarding this action, you may contact Wetlands Agent Grant Meitzler at 860-429-3334. This letter constitutes your license.

Very truly yours,


Steve J. Lofman, Secretary
Mansfield Inland Wetland Agency

cc: C. R. Ferguson

South Windham Post and Beam
 Woodland Rd 4-28-05



RECEIPT OF APPLICATION FOR A WETLAND PERMIT:

_____, moved and _____ seconds to receive the application

submitted by Christopher and Ellen Lowe (File #1515)

under the Wetlands and Watercourses Regulations of the Town of Mansfield

for an above ground pool

on property located at 86 Puddin Lane

as shown on a map with a revised date of 3-26-13

and as described in application submissions, and to refer said application to staff and Conservation Committee, for review and comments.

PAGE
BREAK

APPLICATION FOR PERMIT
MANSFIELD INLAND WETLANDS AGENCY
4 SOUTH EAGLEVILLE ROAD, STORRS, CT 06268
TEL: 860-429-3334 OR 860-429-3330
FAX: 860-429-6863

FOR OFFICE USE ONLY
File # W1515
Fee Paid 2185⁰⁰
Date Received 3-26-13

Applicants are referred to the Mansfield Inland Wetlands and Watercourses Regulations for complete requirements, and are obligated to follow them. For assistance, please contact Grant Meitzler, Inland Wetlands Agent at the telephone numbers above.

Please print or type or use similar format for computer; attach additional pages as necessary.

Part A - Applicant

Name Christopher and Ellen Lowe

Mailing Address 86 Puddin Lane
Mansfield CT Zip 06250

Telephone-Home 860-450-0459 Telephone-Business 860-933-4362

Title and Brief Description of Project
installation of above ground pool

Location of Project _____

Intended Start Date 5/6/13

Part B - Property Owner (if applicant is the owner, just write "same")

Name same

Mailing Address _____
Zip _____

Telephone-Home _____ Telephone-Business _____

Owner's written consent to the filing of this application, if owner is not the applicant:

Signature _____ date _____

Applicant's interest in the land: (if other than owner) _____

Part C - Project Description (attach extra pages, if necessary)

1) Describe in detail the proposed activity here or on an attached page. (See guidelines at end of application – page 6.)

Please include a description of all activity or construction or disturbance:

- a) in the wetland/watercourse
- b) in the area adjacent to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is off your property

installation of aboveground pool 27ft circular

2) Describe the amount or area of disturbance (in square feet or cubic yards or acres):

- a) in the wetland/watercourse
- b) in the area adjacent to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is off your property

circular pool 27ft.

3) Describe the type of materials you are using for the project: aluminum, vinyl, water

- a) include type of material used as fill or to be excavated _____
 - b) include volume of material to be filled or excavated _____
-

4) Describe measures to be taken to minimize or avoid any adverse impacts on the wetlands and regulated areas (silt fence, staked hay bales or other Erosion and Sedimentation control measures).

natural vegetation including trees, shrubs, boulders
Additional bushes + grass planted

Part D - Site Description

Describe the general character of the land. (Hilly? Flat? Wooded? Well drained? etc.)

Flat, minimal slope down to river, well drained

Part E - Alternatives

Have you considered any alternatives to your proposal that would meet your needs and might have less impact on the wetland/watercourse? Please list these alternatives.

Yes, far behind house in back corner of property.

Part F - Map/Site Plan (all applications)

1) Attach to the application a map or site plan showing existing conditions and the proposed project in relation to wetland/ watercourses. Scale of map or site plan should be 1" = 40'; if this is not possible; please indicate the scale that you are using. A sketch map may be sufficient for small, minor projects. (See guidelines at end of application – page 6.)

2) Applicant's map date and date of last revision _____

3) Zone Classification _____

4) Is your property in a flood zone? Yes No Don't Know

Part G - Major Applications Requiring Full Review and a Public Hearing

See Section 6 of the Mansfield Regulations for additional requirements.

Part H - Notice to Abutting Property Owners

1) List the names and addresses of abutting property owners

Name	Address
Christopher + Susan Suft	112 Puddin Lane
Choi Yong Park	76 Puddin Lane
Brian + Monique Ray	9 Sawmill Brook lane
Yan Wlin Yan Wlin	15 Sawmill Brook lane
Gordon Allan	25 Sawmill Brook lane

2) **Written Notice to Abutters.** You must notify abutting property owners by certified mail, return receipt requested, stating that a wetland application is in progress, and that abutters may contact the Mansfield Inland Wetlands Agent for more information. Include a brief description of your project. Postal receipts of your notice to abutters must accompany your application. (This is not needed for exemptions).

Part I - Additional Notices, if necessary

- 1) Notice to Windham Water Works is attached. If this application is in the public watershed for the Windham Water Works (WWW), you must notify the WWW of your project within 7 days of sending the application to Mansfield--sending it by certified mail, return receipt requested. Contact the Mansfield Inland Wetlands Agent to find out if you are in this watershed.
- 2) Notice to Adjoining Town. If your property is within 500 feet of an adjoining town, you must also send a copy of the application, on the same day you sent one to Mansfield, to the Inland Wetlands Agency of the adjoining town, by certified mail, return receipt requested.
- 3) The Statewide Reporting Form (attached) shall be part of the application and specified parts must be completed and returned with this application.

Part J - Other Impacts To Adjoining Towns, if applicable

- 1) Will a significant portion of the traffic to the completed project on the site use streets within the adjoining municipality to enter or exit the site? ___ Yes ___ No ___ Don't Know
- 2) Will sewer or water drainage from the project site flow through and impact the sewage or drainage system within the adjoining municipality? ___ Yes ___ No ___ Don't Know
- 3) Will water run-off from the improved site impact streets or other municipal or private property within the adjoining municipality? ___ Yes ___ No ___ Don't Know

Part K - Additional Information from the Applicant

Set forth (or attach) any other information which would assist the Agency in evaluating your application. *(Please provide extra copies of any lengthy documents or reports, and extra copies of maps larger than 8.5" x 11", which are not easily copied.)*

Part L - Filing Fee

Submit the appropriate filing fee. (Consult Wetlands Agent for the fee schedule available in the Mansfield Inland Wetlands and Watercourses Regulations.)

___ \$1,000. ___ \$750. ___ \$500. ___ \$250. \$125. ___ \$100. ___ \$50. ___ \$25.

\$60 State DEP Fee

Note: The Agency may require you to provide additional information about the regulated area which is the subject of the application, or about wetlands or watercourses affected by the regulated activity. If the Agency, upon review of your application, finds the activity proposed may involve a "significant activity" as defined in the Regulations, additional information and/or a public hearing may be required.

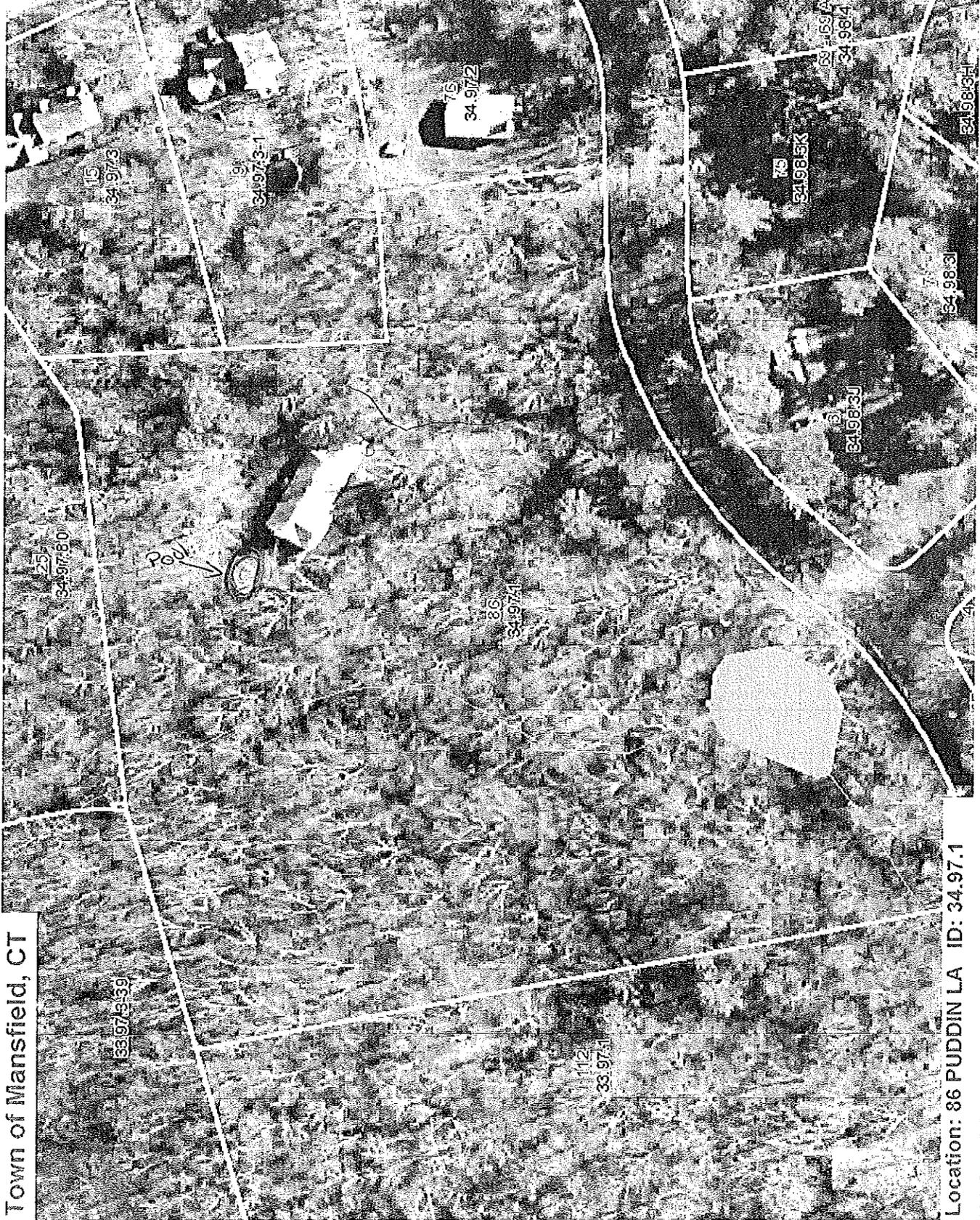
The undersigned applicant hereby consents to necessary and proper inspections of the above mentioned property by members and agents of the Inland Wetlands Agency, at reasonable times, both before and after the permit in question has been granted by the Agency.

X

Applicant's Signature

Date

Town of Mansfield, CT



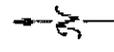
Location: 86 PUDDIN LA ID: 34.97.1

MainStreetGIS, LLC - www.mainstreetgis.com / info@mainstreetgis.com

Disclaimer: This map is for assessment purposes only. It is not valid for use as a survey or for conveyance



- Zoning
- ConservationE
- Railroad
- Trails
- Parcels
- Streams
- water
- wetlands



1 in = 107.99 ft

Printed:
3/25/2013



APPLICATION FOR PERMIT
MANSFIELD INLAND WETLANDS AGENCY
4 SOUTH EAGLEVILLE ROAD, STORRS, CT 06268
TEL: 860-429-3334 OR 429-3330
FAX: 860-429-6863

FOR OFFICE USE
ONLY

File # _____

W _____

Fee Paid _____

Official Date of Receipt _____

REQUEST FOR EXEMPTION

Applicants are referred to the Mansfield Inland Wetlands and Watercourses Regulations for complete requirements, and are obligated to follow them. For assistance, please contact Grant Meitzler, Inland Wetlands Agent at the telephone numbers above.

Please print or type or use similar format for computer; attach additional pages as necessary.

Part A - Applicant

Name _____ Town of Mansfield Parks and Recreation

Mailing Address _____ 10 South Eagleville Road, Mansfield CT 06268

Telephone-Home _____ NA _____ Telephone-Business _____ 860-429-3015x204

Title and Brief Description of Project _____ Construction of a Universal Access Trail around Bicentennial Pond

Location of Project _____ Bicentennial Pond/Schoolhouse Brook Park

Intended Start Date _____ Fall 2013 (Depends on Grant)

Part B - Property Owner (if applicant is the owner, just write "same")

Name _____ Same _____

Mailing Address _____

_____ Zip _____

Telephone-Home _____ Telephone-Business _____

Owner's written consent to the filing of this application, if owner is not the applicant:

Signature _____ date _____

Applicant's interest in the land: (if other than owner) _____

Part C - Project Description (attach extra pages, if necessary)

- 1) Describe in detail the proposed activity here or on an attached page. (See guidelines at end of application – page 6.)

Please include a description of all activity or construction or disturbance:

a) in the wetland/watercourse

An existing gravel & natural surface trail around Bicentennial Pond will be resurfaced with stone dust and slightly re-graded to provide for ADA accessibility around the pond. Currently, four sections of the existing trail traverse on or near wetland soils. Through the improvements, one section will be routed around the wetland area and the remaining three sections will be improved in place. On the northwest shore of the pond the existing trail parallels the shore and the wetland soils zigzag across the trail. In this area, the trail will be improved by lining the east side of the trail with salvaged on-site stones to retain grade and surface drain away from the wetland soils. At the northern corner of the trail next to the existing bridge, we will improve an existing disturbed area to provide an outdoor classroom. The classroom will be created using a stone dust surface and reclaimed on-site boulders for seating. The classroom is intended to be used by the middle school and Parks and Recreation to educate students and the general public about wetlands, watersheds and aquatic ecosystems. In the northeastern section of the trail, the trail will be re-routed around wetland soils and challenging terrain. Further south, along the eastern side of the park, we will be crossing between the wetland soil (note: wetland soils were found on either side of the existing trail, but not within the trail itself) by building up the trail with salvaged on-site stone and using two 12" PVC corrugated Pipe for water passage and amphibian crossing.

b) in the area adjacent to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is off your property)

As stated above, the existing trail around Bicentennial Pond will be resurfaced with stone dust, and slightly re-graded to provide for accessibility codes as outlined by the US National Parks Service. The upgraded trail will include 6" of new base material and 1.5" inches of stonedust as a surface treatment. The stonedust will be infused with a binder substrate to reinforce the surface. A few sections of trail will be rerouted to avoid existing wetland soils and steep/eroded slopes. Several sections of existing trail will be closed off and reclaimed as forest understory.

- 2) Describe the amount or area of disturbance (in square feet or cubic yards or acres):

a) in the wetland/watercourse

There will be a total of 2361 square feet of trail resurfaced within wetland soils. Additionally, there will be 48 square feet of trail within wetland soils that will be closed off and reclaimed as forest understory.

b) *in* the area **adjacent** to (within 150 feet from the edge of) the wetland/watercourse, even if wetland/watercourse is **off** your property
There will be 14,778 square feet of reclaimed /new trail within 150' of wetland soils. Additionally, there will be 3,390 square feet of trail within 150' of wetland soils to be closed off and reclaimed as forest understory.

- 3) Describe the type of materials you are using for the project:
 - a) include **type** of material used as fill or to be excavated
Excavated spoils will be used onsite as fill. Processed gravel will be brought in and used as the base material for reconstructed trails. Stonedust will be used as the trail surface material.
 - b) include **volume** of material to be filled or excavated
The volume of material to be filled and/or excavated is 440 CY's. No material will be taken from the site, all cut and fill will be balanced, and the only "fill" being brought into the site will be the materials needed to construct the trail.

- 4) Describe measures to be taken to minimize or avoid any adverse impacts on the wetlands and regulated areas (silt fence, staked hay bales or other Erosion and Sedimentation control measures).
All possible best management soil and erosion control practices will be employed. Silt fence will be used down slope of all trail construction on slopes where erosion is possible. In areas where silt fence is not advisable (top of dam) staked hay bales will be used. Once stabilized, the hay bales will be repurposed as mulch in other disturbed areas. On trails that will be closed as part of this project, the adjoining leaf litter will be used as mulch to revegetate the understory. All E&S controls will be inspected by the project or Town Engineer throughout construction.

Part D - Site Description

Describe the general character of the land. (Hilly? Flat? Wooded? Well drained? etc.)

The general character of Schoolhouse Brook Park is wooded with rolling hills. The site is fairly well drained with all surface drainage leading to Bicentennial Pond.

Part E - Alternatives

Have you considered any alternatives to your proposal that would meet your needs and might have less impact on the wetland/watercourse? Please list these alternatives.

Every effort was made to avoid any additional impacts to wetland soils. Where the existing trail traverses wetland soils, the proposed trail was either relocated, or improved in place. Every effort was made to not increase the disturbed area. Where fill is needed through wetland areas (to provide ADA accessibility) salvaged on site stones are proposed to be used to build walls and retain the fill, instead of tapering fill back to grade. Additionally the fill will be existing onsite material (both stone and soil) to provide drainage and uniform soil structure.

Part F - Map/Site Plan (all applications)

1) Attach to the application a map or site plan showing **existing conditions** and the **proposed project** in relation to wetland/ watercourses. Scale of map or site plan should be 1" = 40'; if this is not possible, please indicate the scale that you are using. A sketch map may be sufficient for small, minor projects. **(See guidelines at end of application – page 6.)**

2) Applicant's map date and date of last revision _____

3) Zone Classification RAR 90

4) Is your property in a flood zone? Yes No Don't Know

Part L - Filing Fee

Submit the appropriate filing fee. (Consult Wetlands Agent for the fee schedule available in the Mansfield Inland Wetlands and Watercourses Regulations.)

\$1,000. \$750. \$500. \$250. \$125. \$100. \$50. \$25.

\$30 State DEP Fee

fee not applicable.

Note: The Agency may require you to provide additional information about the regulated area which is the subject of the application, or about wetlands or watercourses affected by the regulated activity. If the Agency, upon review of your application, finds the activity proposed may involve a "significant activity" as defined in the Regulations, additional information and/or a public hearing may be required.

The undersigned applicant hereby consents to necessary and proper inspections of the above mentioned property by members and agents of the Inland Wetlands Agency, at reasonable times, both before and after the permit in question has been granted by the Agency.

Applicant's Signature

Date

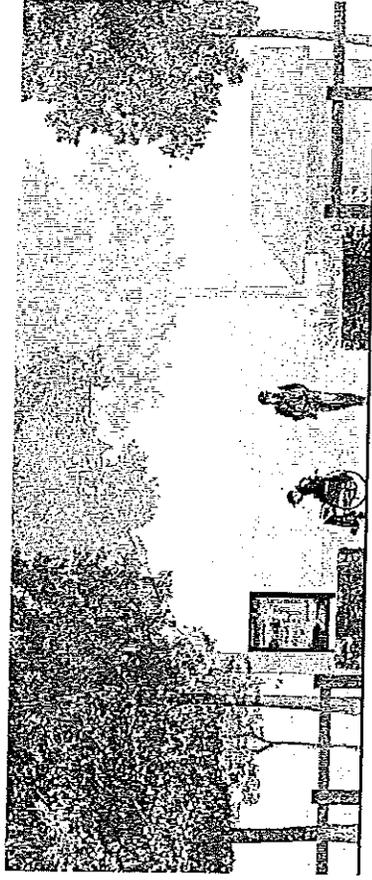
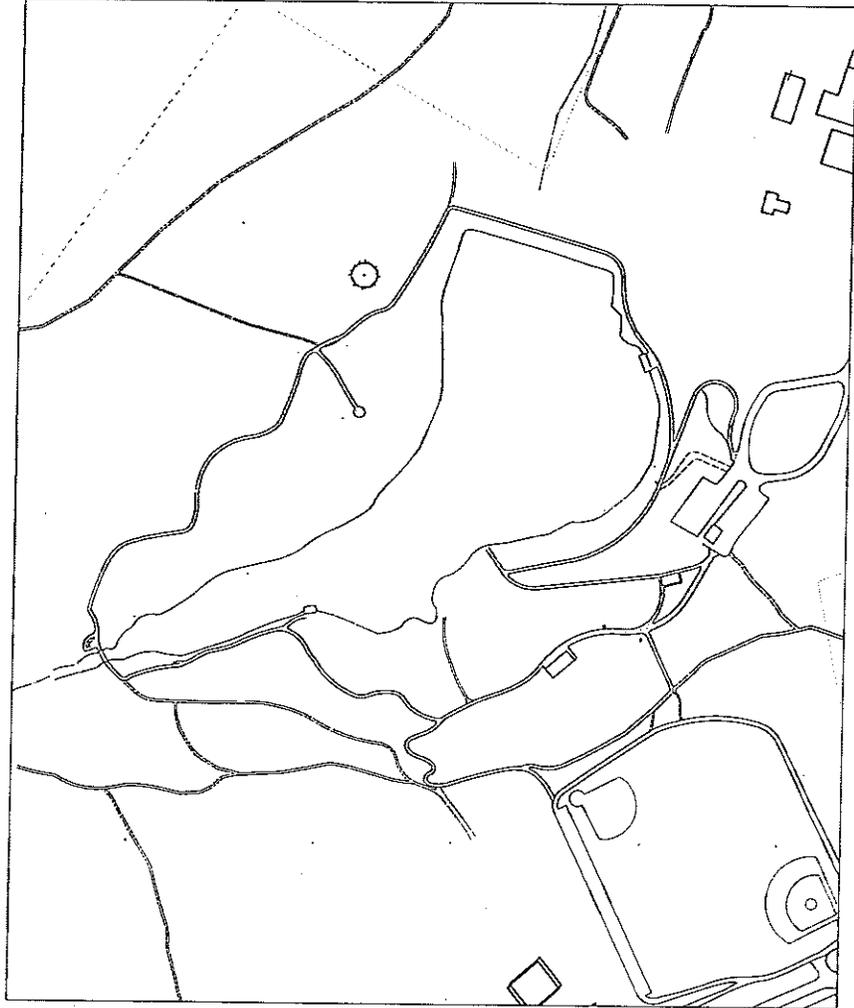
[Handwritten Signature]

3/27/2013

UNIVERSAL ACCESS TRAIL AROUND BICENTENNIAL POND

TOWN OF MANSFIELD

MARCH 2013



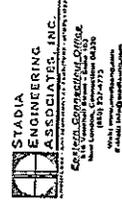
MASTER PLAN DOCUMENTS

Drawing Legend	
Drawing	Description
G-1	General Notes
L-1	Existing Conditions & Demolition Plan
L-2	Sediment & Erosion Control Plan
L-3	Trail Layout - Main Loop
L-4	Trail Layout - West Loop
L-5	Trail Layout - Waterfront Loop
L-6	Signage Plan
D-1	Site Details
D-2	Site Details
D-3	Site Details
D-4	Site Details
D-5	Site Details

Prepared For:

Town of Mansfield
Mansfield, CT

Prepared by:



Universal Access
Trail Around
Bicentennial Pond

Meriden, CT

KENT + FROST ARCHITECTURE
1000 MAIN STREET
MERRIDEN, CT 06460
TEL: 860.344.1111

STADIA DESIGN ASSOCIATES, INC.
1000 MAIN STREET
MERRIDEN, CT 06460
TEL: 860.344.1111

Legend:

-  Existing Tree
-  Property Line
-  Existing Tree Line
-  Existing Stone Wall
-  Existing Wetlands
-  Demo Trail
-  Demo Pavement
-  Demo Tree

Notes: See Submittal and Erosion Control Plan.

NOT ISSUED FOR CONSTRUCTION

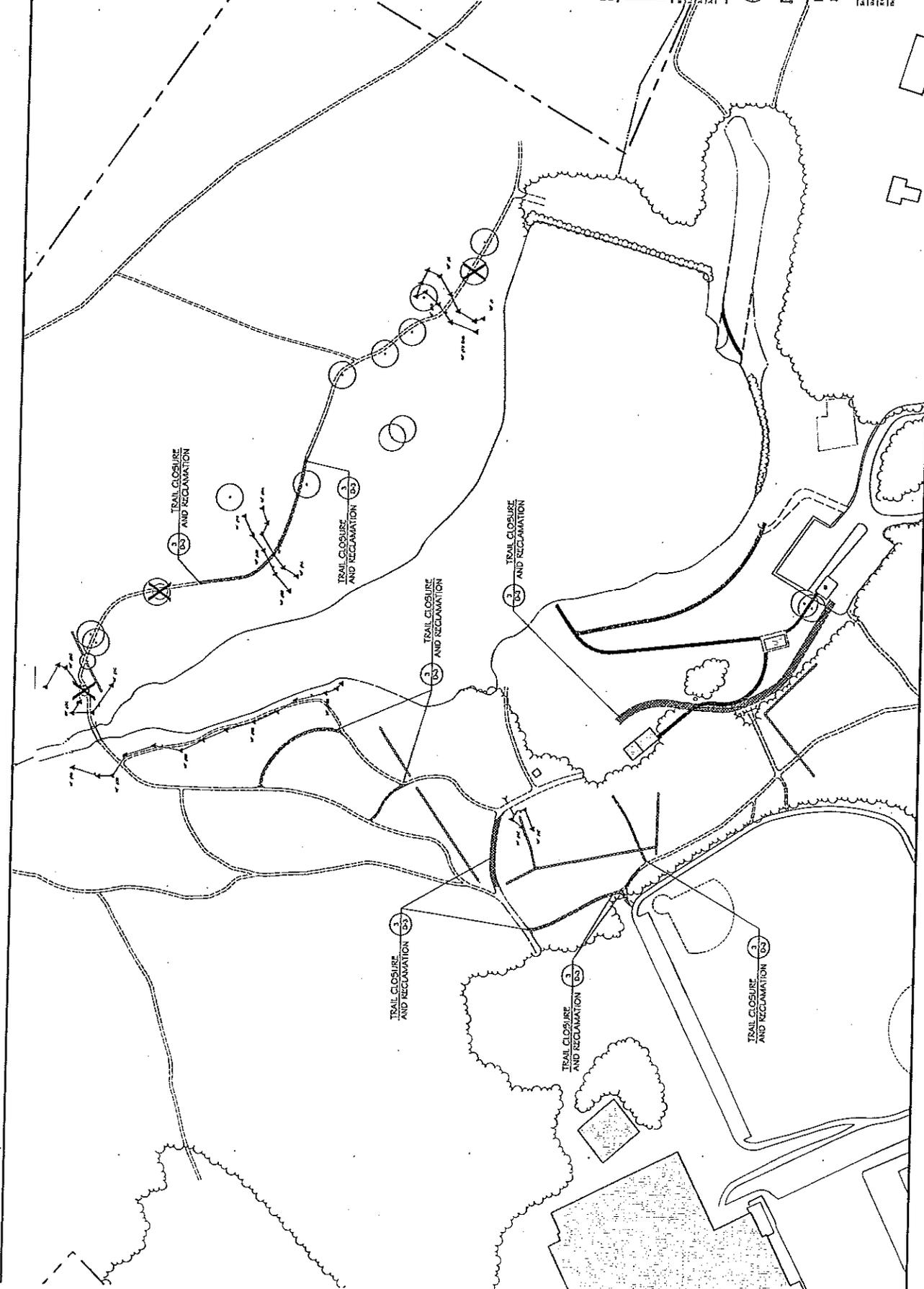


Scale: 1" = 30'

Existing Conditions & Demolition Plan

Date:	12/10/02
Drawn:	J. March 2003
Checked:	J.P. March 2003
Project No.:	02-002
Sheet No.:	02-002

L-1



Universal Access
Trail Around
Bicentennial Pond

Middletown, CT

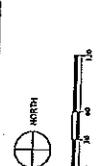
**LANDSCAPE
KENT+
FROST
ARCHITECTS**

STADIA
ENGINEERING
ARCHITECTS
PLANNERS
LANDSCAPE ARCHITECTS
1000 WEST MAIN STREET
MIDDLETOWN, CT 06457
TEL: 860.336.1234
FAX: 860.336.1234
WWW.KENTFROST.COM

Legend:

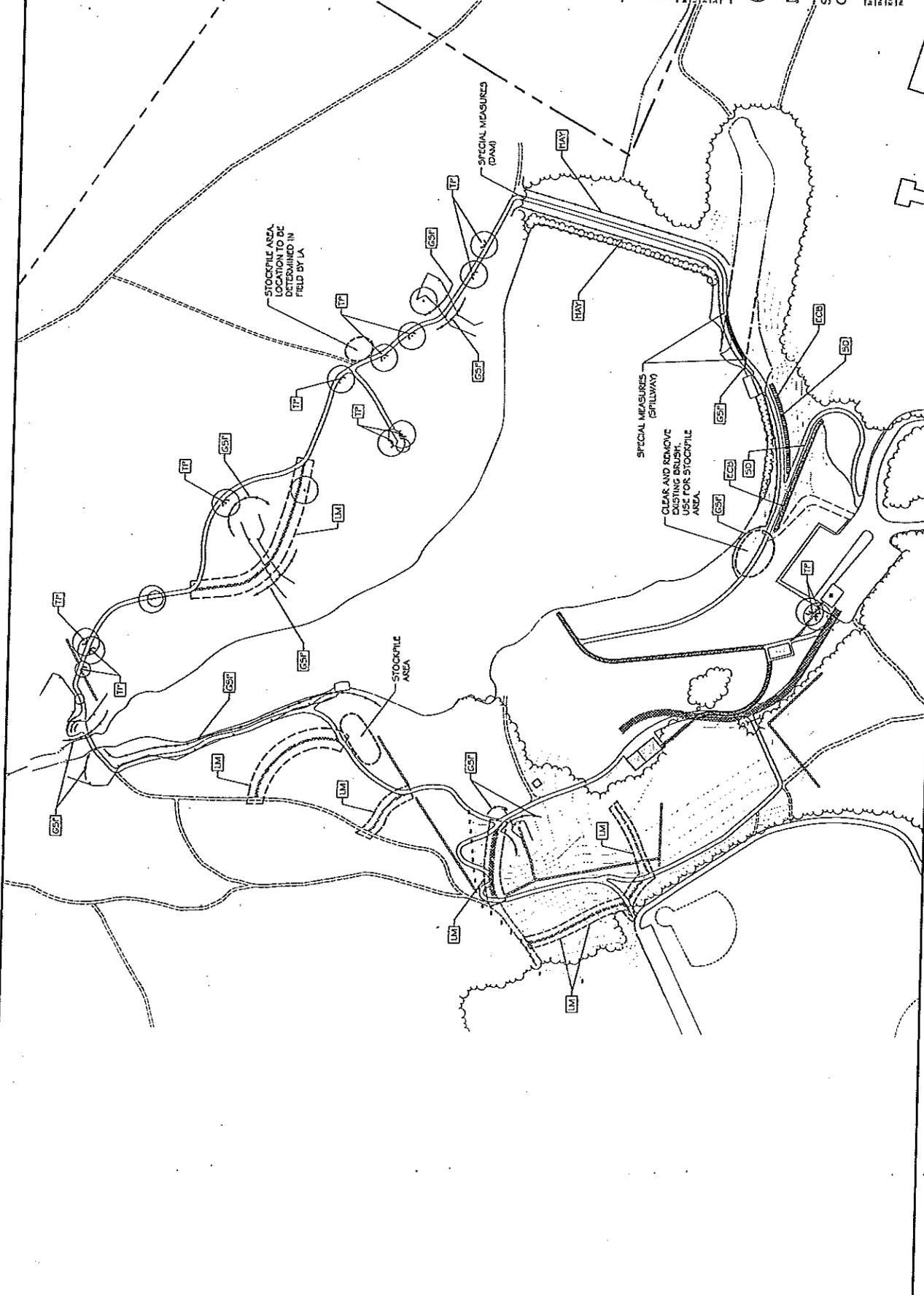
- Existing Tree
- Property Line
- Existing Wetlands
- Existing Trestle
- Existing Stencowall
- Existing Trail
- Proposed Trail
- Genesee Silt Fence
- Hay Bale Erosion Control
- Temporary Erosion Control Blanket
- Hay Bale Erosion Control
- Tree Protection
- Genesee Silt Fence
- Temporary Erosion Control Blanket
- Subsurface Drain
- Leaf Mulch

**NOT ISSUED FOR
CONSTRUCTION**



Sediment & Erosion
Control Plan

DATE: 11/14/2013
DRAWN BY: J. HARRIS
CHECKED BY: J. HARRIS
PROJECT NO.: 13-002



Universal Access Trail Around Bicentennial Pond

Meriden, CT

KENT FROST ASSOCIATES, INC.
 1100 WEST STREET
 MERIDEN, CT 06460
 TEL: (203) 237-1100
 FAX: (203) 237-1101

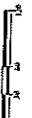
STADIA ENGINEERING ASSOCIATES, INC.
 1100 WEST STREET
 MERIDEN, CT 06460
 TEL: (203) 237-1100
 FAX: (203) 237-1101

Legend:

- Existing Tree
- Existing Trestle
- Existing Stone Wall
- Existing Wall
- Existing Contour Line
- Existing Trail
- Proposed Concrete Path
- Proposed Stone/Gravel Trail
- Proposed Beach Path
- Proposed Asphaltic Path
- Station Point (STA)

NOT ISSUED FOR CONSTRUCTION

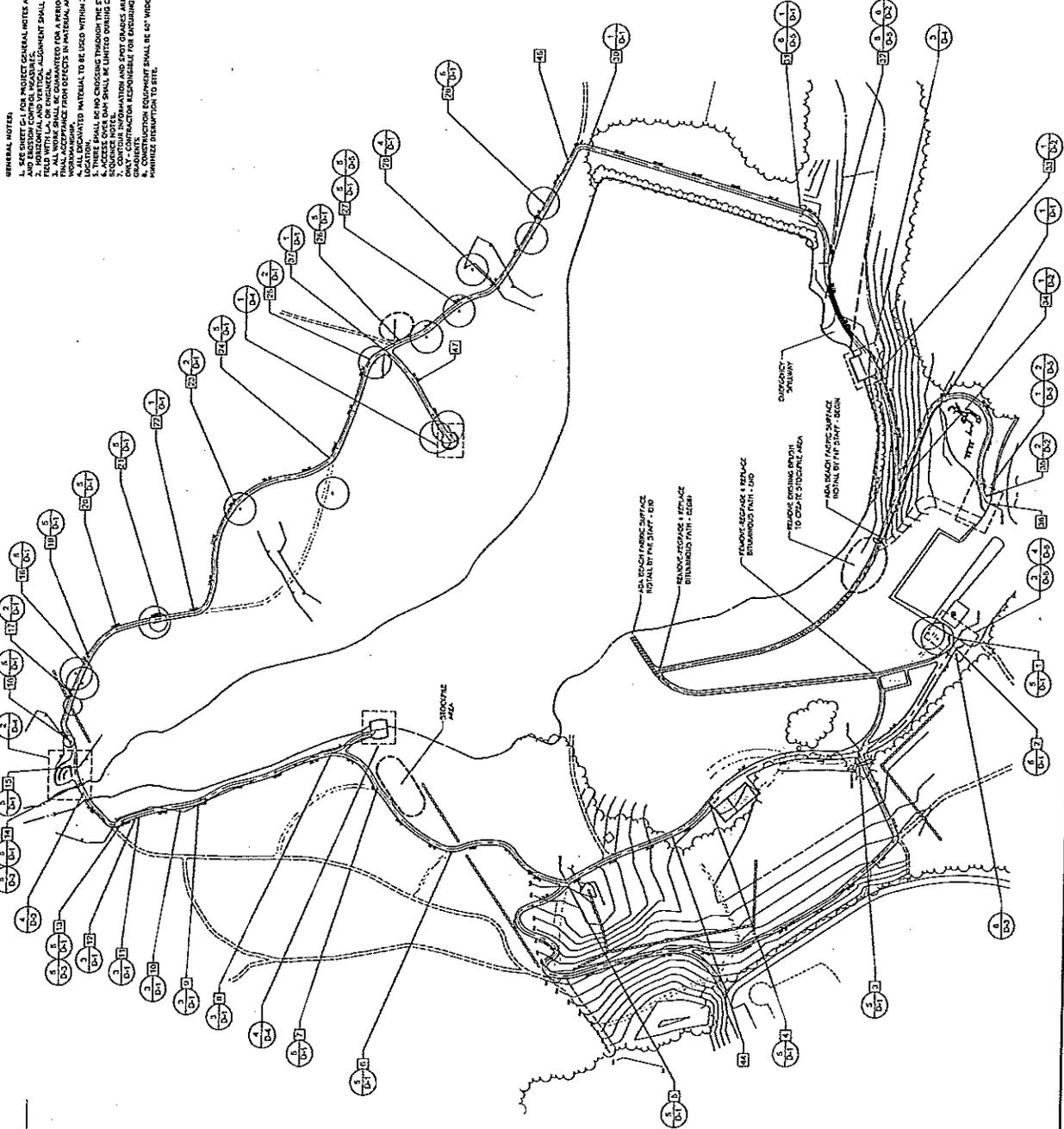
Project No.	
Sheet No.	
Date	



Trail Layout - Main Loop

Scale	1" = 40'
Date	11/14/07
CT Project No.	71-0000-001
Project No.	71-0000-001

- GENERAL NOTES:**
- SEE SHEET C-1 FOR PROJECT GENERAL NOTES AND DEMONSTRATION OF CONSTRUCTION DETAILS.
 - HORIZONTAL AND VERTICAL CURVES SHALL BE DONE IN THE FIELD WITH A. OR IN THE OFFICE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES.
 - ALL EXISTING MATERIAL TO BE USED WITHIN 300' OF ITS ORIGINAL LOCATION.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.



NO.	DESCRIPTION
1	SEE SHEET C-1 FOR PROJECT GENERAL NOTES AND DEMONSTRATION OF CONSTRUCTION DETAILS.
2	HORIZONTAL AND VERTICAL CURVES SHALL BE DONE IN THE FIELD WITH A. OR IN THE OFFICE.
3	CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES.
4	ALL EXISTING MATERIAL TO BE USED WITHIN 300' OF ITS ORIGINAL LOCATION.
5	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
6	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
7	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
8	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
9	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
10	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
11	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
12	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
13	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
14	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
15	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
16	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
17	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
18	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
19	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
20	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
21	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
22	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
23	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
24	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.
25	CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND ACCESS ORS SHALL BE LIMITED TO NECESSARY CONSTRUCTION - SEE CONTRACT DOCUMENTS FOR DETAILS.

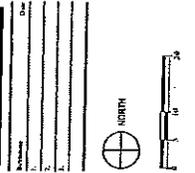
Universal Access
Trail Around
Bicentennial Pond

Newfield, CT
KENT & FROST ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEERS
100 WEST ST. SUITE 100
NEWFIELD, CT 06460
TEL: 860.373.8744
FAX: 860.373.8745
WWW.KENTANDFROST.COM

STADIA ENGINEERING
REGISTERED PROFESSIONAL ENGINEERS
100 WEST ST. SUITE 100
NEWFIELD, CT 06460
TEL: 860.373.8744
FAX: 860.373.8745
WWW.KENTANDFROST.COM

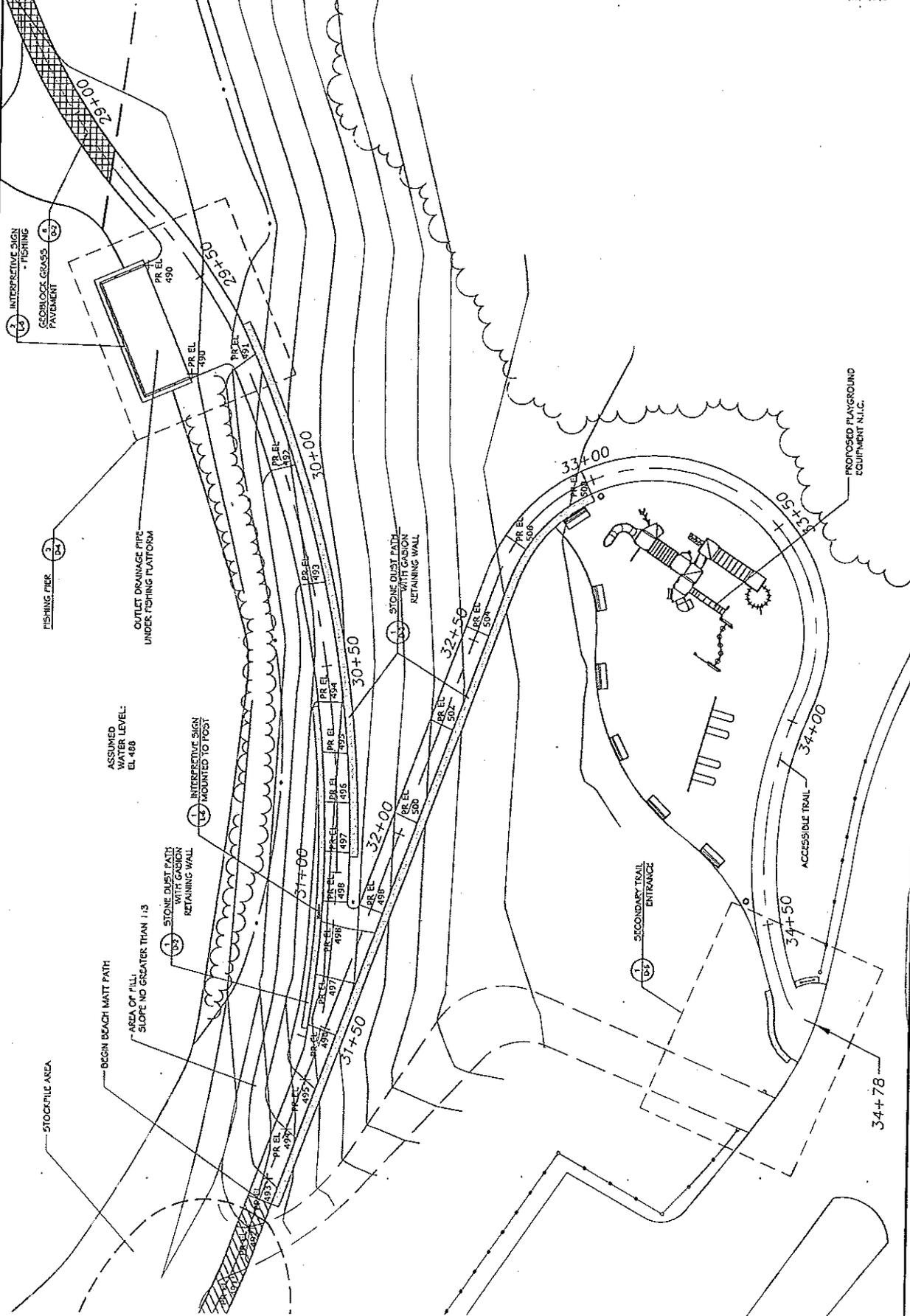
- Legend:**
- Existing Trestle
 - Existing Contour Line
 - Proposed Spiggrade
 - Proposed Stoneblock Trail
 - Proposed Branch Path
 - Geoblock Gate Pavement
 - Station Point (STA)

NOT ISSUED FOR CONSTRUCTION



Trail Layout -
Waterfront Loop

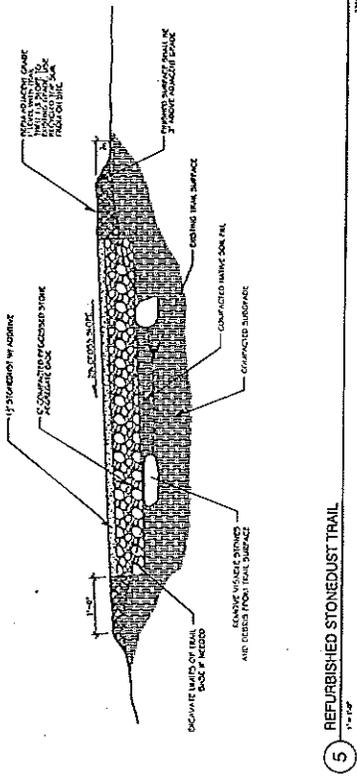
Scale: 1" = 10'
Date: 11/10/10
Sheet No: 11A-002
Project No: 10-002
Drawing No: 11A-002



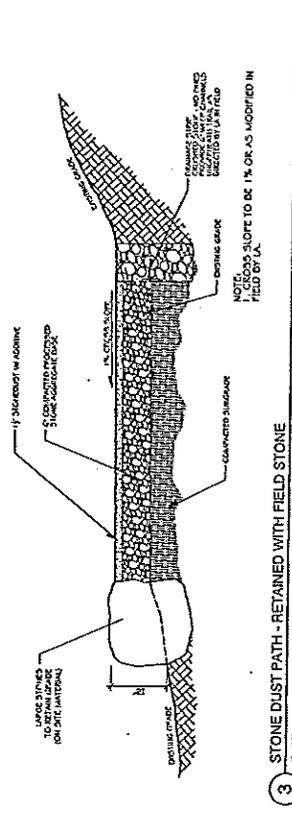
Meriden, CT

**KENT FROST
KENT FROST
KENT FROST**

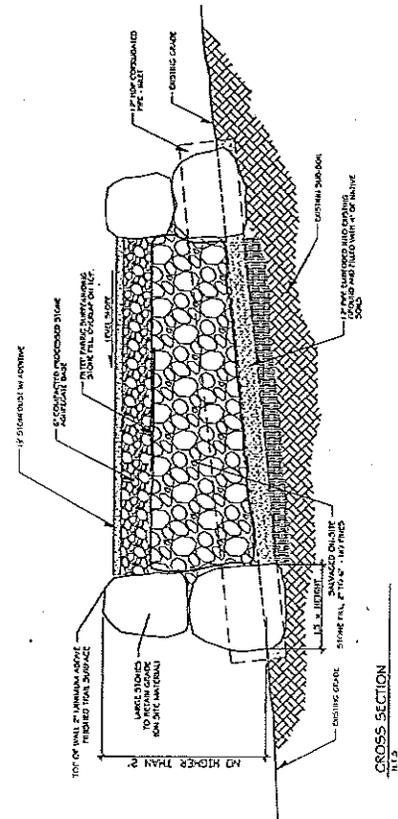
STADIA
ENGINEERING
ASSOCIATES, INC.
1000 WEST MAIN STREET
MIDDLETOWN, CT 06457
TEL: 860.336.1111
WWW.KENTFROST.COM



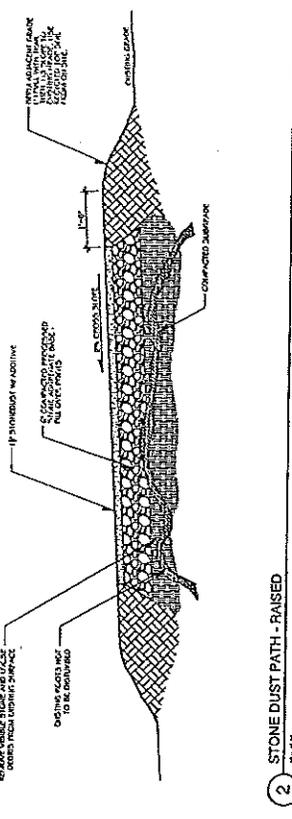
5 REFURBISHED STONEDUST TRAIL
1" = 1'-0"



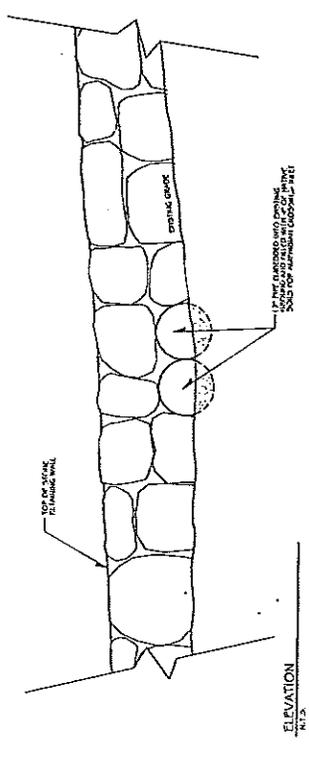
3 STONE DUST PATH - RETAINED WITH FIELD STONE
1" = 1'-0"



2 STONE DUST PATH - RAISED
1" = 1'-0"



1 STONE DUST TRAIL - NEW CONSTRUCTION
1" = 1'-0"



4 STONE DUST PATH CROSSING WET SOIL
1" = 1'-0"

NOTE: ALL STONE DUST MATERIAL SHALL BE CONFORMANT WITH THE SPECIFICATION.

NOT ISSUED FOR CONSTRUCTION

Date:	
Drawn:	
Checked:	
Reviewed:	
Approved:	

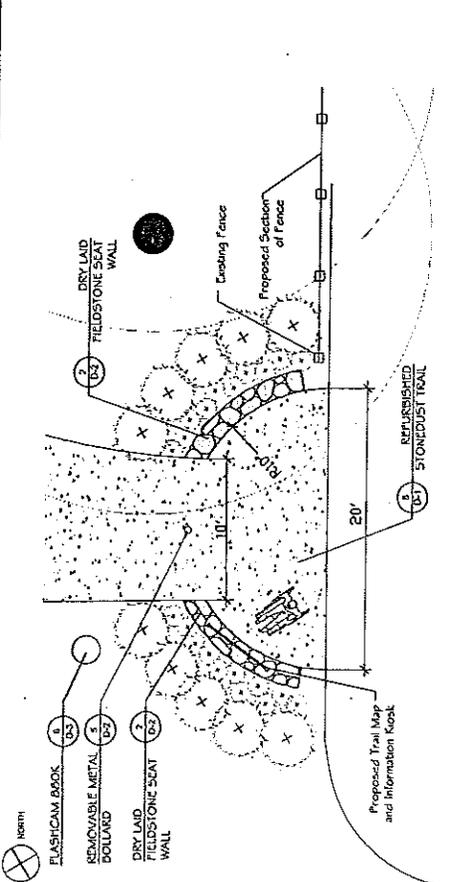
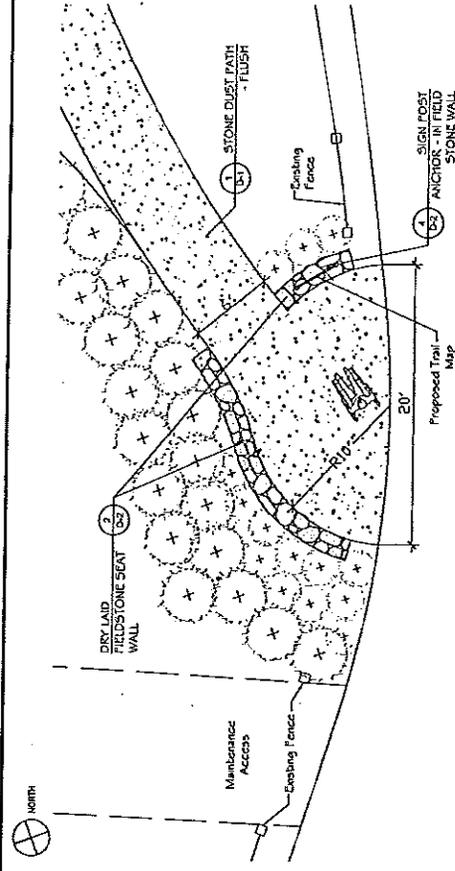
Site Details

Drawn:	
Date:	3/1/2017
Checked:	
Reviewed:	
Approved:	

Universal Access
Trail Around
Bicentennial Pond

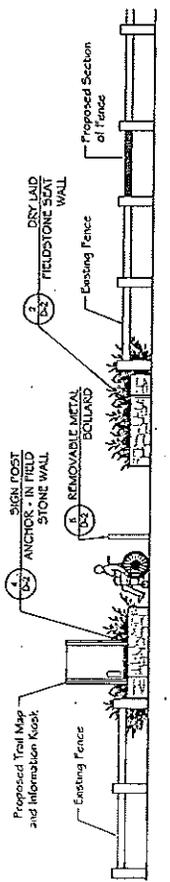
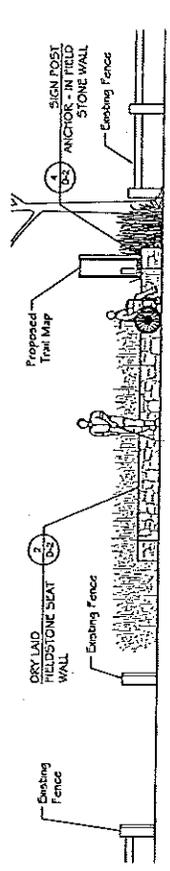
MANHATTAN
KENT & FROST
ARCHITECTS
1000 WEST STREET
MANHATTAN, NY 10804
TEL: 212-261-8784
FAX: 212-261-8784

STADIA ENGINEERING
ARCHITECTS & ENGINEERS, INC.
1000 WEST STREET
MANHATTAN, NY 10804
TEL: 212-261-8784
FAX: 212-261-8784



1 Secondary Trail Entrance - Enlargement

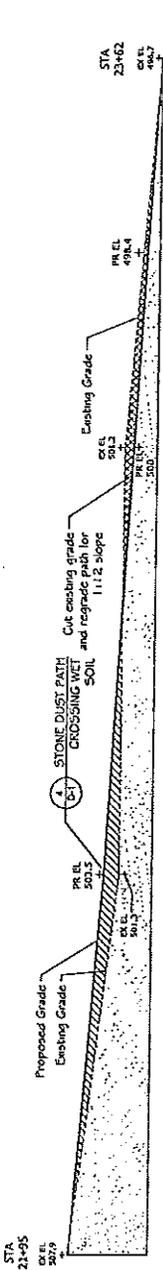
3 Primary Trail Entrance - Enlargement



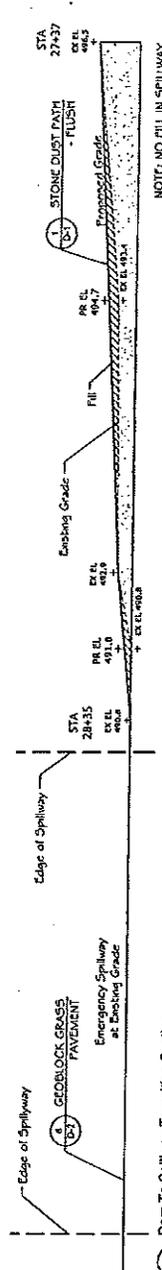
2 Secondary Trail Entrance - Elevation

4 Primary Trail Entrance - Elevation

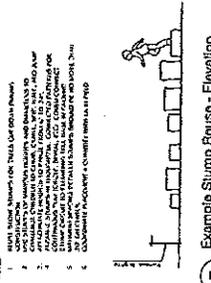
NOT ISSUED FOR CONSTRUCTION



5 Cut/Fill Section STA 21+95 To STA 23+62



6 Dam To Spillway Transition Section



7 Example Slump-Recess - Elevation

- 1. SIGN POST - INFORMATION ON TRAIL USE ONLY (REMOVE)
- 2. ANCHOR - IN FIELD STONE WALL (REMOVE)
- 3. DRY LAID FIELDSTONE SEAT (REMOVE)
- 4. SIGN POST - INFORMATION ON TRAIL USE ONLY (REMOVE)
- 5. ANCHOR - IN FIELD STONE WALL (REMOVE)
- 6. DRY LAID FIELDSTONE SEAT (REMOVE)
- 7. SIGN POST - INFORMATION ON TRAIL USE ONLY (REMOVE)
- 8. ANCHOR - IN FIELD STONE WALL (REMOVE)
- 9. DRY LAID FIELDSTONE SEAT (REMOVE)

Site Details

DATE: 3/17/2010
DRAWN BY: JAC
CHECKED BY: JAC



CFL News

Volume 18, Issue 1—March 2013

Future Newsletters

In an effort to more effectively utilize our limited funds, CFL will be transitioning to electronic distribution of our newsletter beginning later in 2013.

To ensure that you continue to receive our newsletter and other bulletins, please provide us with your e-mail address. While we have some e-mail addresses, we do not have them for the majority of those who receive our print newsletter. Please send an e-mail to Pen-ny@CTLakes.org so that we may add you to our list. We will not sell or share your address. We have sent this newsletter to those e-mail addresses that we have. If you did not receive it check your spam folder and if it is not there, please send us your e-mail address.

We appreciate your support of the Connecticut Federation of Lakes in 2012.

Busy Winter for CT Federation of Lakes

By Larry Marsicano, CFL President

With the exception of activities like ice skating and ice fishing, winters are typically not active times on our CT lakes. The same, however, does not hold true for board members of the CFL with regards to the work they do for the betterment of all of our lakes.

Late last year we prepared and submitted comments to the CT Office and Policy and Management who was coordinating the process of revising the States conservation and development policies plan. The plan serves as the official policy for the Executive Branch in matters pertaining to land and water resources conservation and development. State and local government and non-governmental agencies as well as the public in general had opportunity to comment on drafts of the plan. A summary of our comments and OPM's response to them can be found on their website at www.ct.gov/opm/lib/opm/igp/org/cdupdate/statewide_or_gs_comment_response.pdf.

One of our recommendations to OPM was that the "no-net loss" policy for wetlands should be extended to lakes and ponds. OPM responded by saying that nothing precludes municipalities from adopting similar policy pertaining to lake watersheds. Imagine if our lakes, shorelines and watersheds had similar protections as did our wetlands! Inside this edition of our newsletter CFL Board Member Tom McGowan explains how to approach your town to begin to upgrade the local policies pertaining to your watershed.

Late last year a number of board members from the CFL participated in two meetings held by the CT DEEP on phosphorus reduction in State waters. The first meeting focused on nonpoint sources and the second

INSIDE THIS ISSUE

- 2 State Responds to CFL's Comments on Draft State Plan
- 3 Phosphorus Information Meetings
- 4 CFL Annual Meeting and Election
Ice Safety

on point sources of phosphorus. Presentations by CT DEEP and the EPA from both meetings can be found at www.ct.gov/deep/cwp/view.asp?a=2719&q=474130&deepNav_GID=1654. In this edition of our newsletter Dr. Richard Canavan discusses some of the important aspects of the proposed statewide strategy. Knowing how to reduce phosphorus pollution in your lake is a must read for anyone serious about lake protection.

Last but not least, we have continued our efforts this winter to see that funds that were authorized by the 2007 State Legislature for the CT Lakes Grant Program be bonded by the Bonding Commission. You may recall last year that at our request CT DEEP Commissioner Esty put the request for funding of the Program in his request to the Bonding Commission. We then wrote Governor Malloy who chairs the Bond Commission requesting that the Commissioner's request make it to the agenda of one of the Commission meetings. We never did hear from the Governor nor did the request make it on the agenda of meetings held in 2013.

We have started the process once again by asking Commissioner Esty to put the CT Lakes Grant Program in his request to the Bond Commission this year. Stay tuned to our website at www.ctlakes.org to learn of the Commissioner's response when we receive it, to keep up on other progress and for our call for help in encouraging the Governor to put the Program on the Bonding Commission agenda, should we need it.



State Responds to CFL's Comments on Draft State Plan

Making Your Lake and Watershed a Conservation Priority

By Tom McGowan, Executive Director Lake Waramaug Task Force, Inc.

We all want to see our lake protected from diminished water quality, infestation with invasive weeds and excessive algae growth. Also high on our wish list is preservation of the scenic and important conservation resources and open spaces in our lake watershed.

One of the first and most important steps toward protection of your lake, especially its water quality and open space, is to insure that it is recognized as a priority for conservation in your local town plan and the State Plan.

If you have not already done so your lake association should begin working with your local Planning Commission. Many town plans rank lakes as a high conservation priority. Looking through other town plans you can gather good ideas on formulating a conservation policy that fits your lake and town.

According to State requirements your Town Plan must be updated at least once every 10 years. During the 10 year update process, or at any time, your Town Plan can be amended to include citing your lake as a conservation priority. Even if your Town Plan has a conservation ranking for your lake you should work to polish this policy and see to it that specific lake protection implementation steps are included.

This will help insure that town land use regulations are designed to protect your lake, especially if the Town Plan provides details on:

WHAT needs to be done,
WHEN it needs to be completed, and
WHO in the town is responsible for getting this work done.

A conservation designation will also help if your town seeks State or other grant funds to assist in the conservation of land in your lake watershed or for lake restoration improvements.

Based upon the State's response to our questions on the draft 2013-2018 State Plan we were told that the State will accept "any data" that supports a request by a town to have your lake shown as a local conservation priority on the State Plan.

The best evidence you can provide to the State is a high conservation ranking for your lake in your Town Plan. But you must be certain to send this information to:

Name: Daniel Morley

Agency: Office of Policy and Management

Address: 450 Capitol Avenue, MS #54ORG

Hartford, CT 06106-1379

Fax: 860-418-6486

E-Mail: Daniel.Morley@ct.gov

Here again a conservation designation on the State Plan should greatly enhance the chances that your lake will rank favorably in seeking lake improvement grant funds.

The 2013-2018 STATE PLAN OF CONSERVATION AND DEVELOPMENT

HAS 6 GROWTH MANAGEMENT PRINCIPLES THE 4TH PRINCIPLE IS:

To Conserve and Restore the Natural Environment, Cultural and Historical Resources, and Traditional Rural Lands:

Under this principle are two important lake related State Agency Policies. I recommend that the Town Plan policies for protection of your lake be consistent with this principle and the following State policies.

TO P R O T E C T the ecological, scenic and recreational values of lakes, rivers and streams by promoting compatible land uses and management practices in the vicinity of these resources.

TO U T I L I Z E the landscape to the extent practical and incorporate sound stormwater management design, such as low impact development techniques, in existing and new development to maintain or restore natural hydrologic processes and to help meet or exceed state and federal water quality standards, so that the state's waters can support their myriad functions and uses.

(NOTE: The "state's waters" include its lakes and ponds)



DEEP Holds Phosphorus Information Meetings in Hartford

by Dr. Richard Canavan, Environmental Scientist CME Associates

People are talking phosphorus in Connecticut, which is good news for our state's lakes. In this article I will give a brief background about why we are having this discussion and why the CFL intends to stay involved. Remember that phosphorus is often the limiting nutrient in lakes, where its availability limits how much al-

gae growth can occur. Human activity around lakes increases phosphorus concentrations which impacts water quality. Being careful about actions that increase phosphorus loading to freshwater is a big part of improving the water quality at your lake.

What is prompting the recent discussions? The real motivating factor in discussing phosphorus is coming from the US Environmental Protection Agency (EPA), who recognizes nutrient enrichment as one of the top causes of water quality impairment. The EPA has been telling Connecticut's Department of Energy and Environmental Protection (DEEP) that the permits they issue to sewer treatment plants under the Clean Water Act need to have lower phosphorus limits. In order for sewer treatment plants to reduce phosphorus discharges, costly upgrades to the existing treatment facilities will be needed. Municipalities that are potentially facing expensive sewer plant upgrades successfully lobbied the state legislators to pass Public Act 12-155, An Act Concerning Phosphorus Reductions in State Waters, which required DEEP to hold public meetings. On November 28, 2012 and December 6, 2012 the CT DEEP held public information meetings about phosphorus. The first meeting was about nonpoint sources and the second was about point sources. Several CFL board members attended the public information meetings and we spoke during the discussion periods to make sure lake issues were included.

So if politics and money is the answer, can I tune out now? Even the most idealistic of us can get a little worn down by the process but this discussion does represent an important opportunity for CT lakes even if the focus of the discussion will be on sewer treatment plants. Here are some positives that are likely to come out of the debate between the sewer treatment plants, DEEP and EPA.

For lakes with sewer treatment plants in their watershed reducing phosphorus limits in permits is a serious issue. There aren't too many CT lakes that would fall into this group. They are impounded rivers such as Lake Zoar and Lake Lillinoah on the Housatonic River or West Thompson Reservoir on the Quinebaug River. Some of the upstream sewer plants are out of state, although EPA is acting across New England on the issue of nutrient reduction.

There will be a discussion and analysis of the sources of phosphorus to fresh water in our environment. Part of the justification for the expensive upgrades at the point discharges is that it will still provide the 'best bang for the buck' for phosphorus removal per dollar invested despite the high implementation costs. Others will argue that as you lower discharge concentrations the costs per unit phosphorus continue to increase with limited benefits. Both the DEEP and the municipalities opposed to lower wastewater discharge limits will be examining this topic to look for alternative methods to improve water quality. The response to phosphorus reduction may include non-point source removal, if methods can be found that are cheaper but produce the same phosphorus removal results. Hopefully the examination of these alternatives will lead to action both in the areas of major point sources such as wastewater treatment plants and in non-point source reduction. DEEP is planning studies to look at the influence of phosphorus on algae communities in streams. The effort spent with this analysis will hopefully lead to numeric phosphorus standards for lakes.

The non-point source discussions at the meetings dealt with many topics we have written about in our newsletter including the recent fertilizer ban, storm-water, and on-site septic systems. The impacts of high phosphorus concentrations in lakes include blue-green algae blooms that have made news in Connecticut and throughout the country. In comments from the CFL members at the meeting we noted that we have asked unsuccessfully to get lakes funding released by the Bond Commission that was authorized by the 2007 Legislature, and that increasing the coverage of the MS4 stormwater program can help non-point source areas near lakes.

The CFL will continue to monitor the discussions regarding phosphorus and speak out for ways to promote phosphorus reduction to all our lakes. I encourage you to do the same. For a good place to start, I highly recommend visiting www.ct.gov/deep/phosphorus where you can look at the slide presentations provided at the meetings, comments of those who attended, Public Act 12-155 and find links to other related publications.



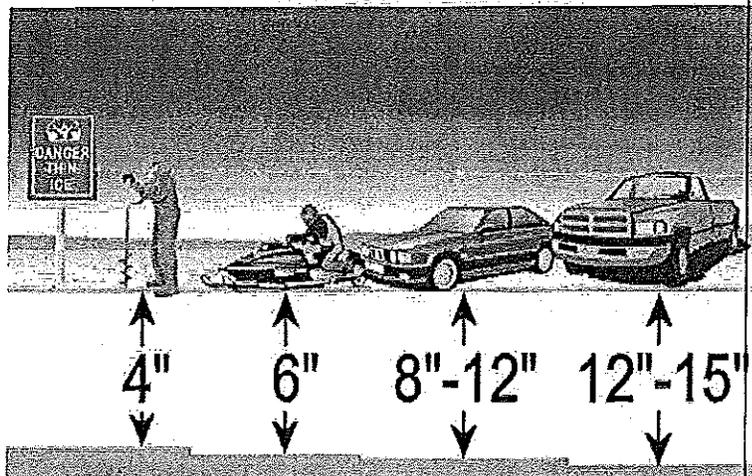
CFL Annual Meeting and Election of Directors

The annual meeting of the CFL will be held April 17 at 7PM at Northeast Utilities (entrance near the credit union). Please join us for an opportunity to meet the board and fellow members. It is a great opportunity to provide input into the direction of the CFL, get your questions answered and network with others interested in lakes.

Current directors being nominated for returning terms on the Board are: Connie Trollie, Larry Marsicano, Bruce Fletcher, Richard Canavan, George Walker, Chris Mayne, George Knoecklein, Penny Hermann, Bruce Lockhart, George Benson, Tom McGowan, John Burrell and Maryellen DiLuzio.



Ice Safety



About the Connecticut Federation of Lakes

Everyone agrees that healthy lakes are highly valued natural assets whose beauty and recreational offerings make them irresistible to so many each season of the year. Towns with attractive lakes annually collect higher property tax revenues and benefit each year from months of "trickle down economics". These precious resources are fragile, and need constant monitoring and preventive and corrective programs. So it is no wonder that individuals; families, lake associations, towns and states proactively work to help their lakes

and recognize that unprotected lakes may become damaged beyond repair.

The Connecticut Federation of Lakes (CFL) was formed in 1995 to help individuals, steering committees and established lake associations with needed guidance, advice and support. In addition, the CFL fosters an alliance of Connecticut's many pond and lake protective organizations so that Connecticut lakes can speak with a unified voice.

The CFL board members are dedicated volunteers who have first hand experience in dealing with lake and association issues. Since some board members are professional lake managers and others have masters & doctorate credentials in the science of limnology, the CFL can and does help. Recently the CFL helped pass legislation geared to curb the establishment of invasive aquatic plants in Connecticut. Boat launch monitoring, on site waste water management guidelines, and model municipal regulations and ordinances for watershed protection are current initiatives.

The CFL publishes newsletters for members full of technical information, lake profiles, management tips and news from the DEEP. Chuck Lee of the DEEP, an environmental analyst in the Bureau of Water Protection and Land Reuse, 860-424-3716, attends all the CFL Board meetings. The CFL works with the Governor to designate the annual Lakes Awareness Week and hosts educational conferences for CFL members and friends. In addition the CFL is an active full participant in NEC-NALMS (the New England Chapter of the North American Lake Management Society). We participate in their programs annually and host the 3 day conference on a rotating basis.

Contact the CFL

For more information regarding the Connecticut Federation of Lakes, visit our web site at www.ctlakes.org, contact Penny@Ctlakes.org, or write to P.O. Box 216, Windsor, CT 06095.

CFL Board

Larry Marsicano, President – Candlewood Lake
Richard Canavan, Vice President – Limnologist
Penny Hermann, Secretary, – Lake Williams
George Walker, Treasurer - Lake Lillinonah
George Knoecklein. – Limnologist
George Benson, - Limnologist

John Burrell, - Columbia Lake
Mary Ellen Diluzio, - Bashan Lake
Bruce Fletcher, – Bashan Lake
Bruce Lockhart, - Certified Lake Manager
Chris Mayne, - Certified Lake Manager
Tom McGowan, - Lake Waramaug
Connie Trolle – Bantam Lake

Newsletter Committee

The Newsletter Committee welcomes your input and your articles. Please send suggestions or articles to CFL, P.O. Box 216, Windsor, CT 06095 or e-mail to Penny@Ctlakes.org. The newsletter committee includes: Bruce Fletcher, Penny Hermann, George Knoecklein.

Join the CFL

Membership is Free! Simply fill out and mail the form below or go to our website and fill out a brief form there. Lakes in Connecticut need to receive more preventive medicine. In other New England states, the citizenry and legislators have pushed through bigger and better programs for lakes. If you treasure your lake, please join the CFL. With your help the CFL will continue to make a difference locally and statewide.

CFL Application

Yes! I want to be a member of the CFL!

_____ Optional Tax Deductible Donation (membership is free)

Name _____

Address _____

Telephone _____

E-mail _____

Lake _____

Whom may we thank for your referral?

Mail to: CFL, P.O. Box 216, Windsor, CT 06095



Connecticut Federation of Lakes

February 21, 2013

Officers:

Larry Marsicano
President
New Milford

Rick Canavan
Vice President
Woodstock

Penny Hermann
Secretary
Lebanon

George Walker
Treasurer
Brookfield

Directors:

George Benson
Newtown

John Burrell
Columbia

Maryellen DiLuzio
Windsor

Bruce Fletcher
New Britain

George Knoecklein
Mansfield

Bruce Lockhart
New Milford

Chris Mayne
East Haven

Tom McGowan
Litchfield

Connie Trolle
Morris

CFL
P.O. Box 216
Windsor, CT 06095

Dear CT Lake Steward:

If you read our December newsletter or if you have visited our website, you may have learned that we changed our membership format. Instead of an organization with dues-paying members, we are opening membership up by eliminating dues in order to grow our numbers. A larger membership, representing more CT lakes (see back side) will be invaluable in advancing lake-improving initiatives in the future. A larger membership will also be vitally important as the CFL looks to the future as our lakes continue to face increasing environmental challenges.

Likewise by reading our newsletter, including this edition, or visiting our website, you may have learned of our past and recent contributions to improvements of lake water quality, protections of our CT lakes and empowerment of lake communities across the State with important information and resources that will provide ideas and tools to help you to take important steps at your own lake. In this newsletter, for example, CFL board members wrote on ways lake groups can take advantage of advice from the State Office of Policy and Management to improve protections of your lakes and watersheds as well as update you on the new phosphorus-reduction policies of the CT DEEP.

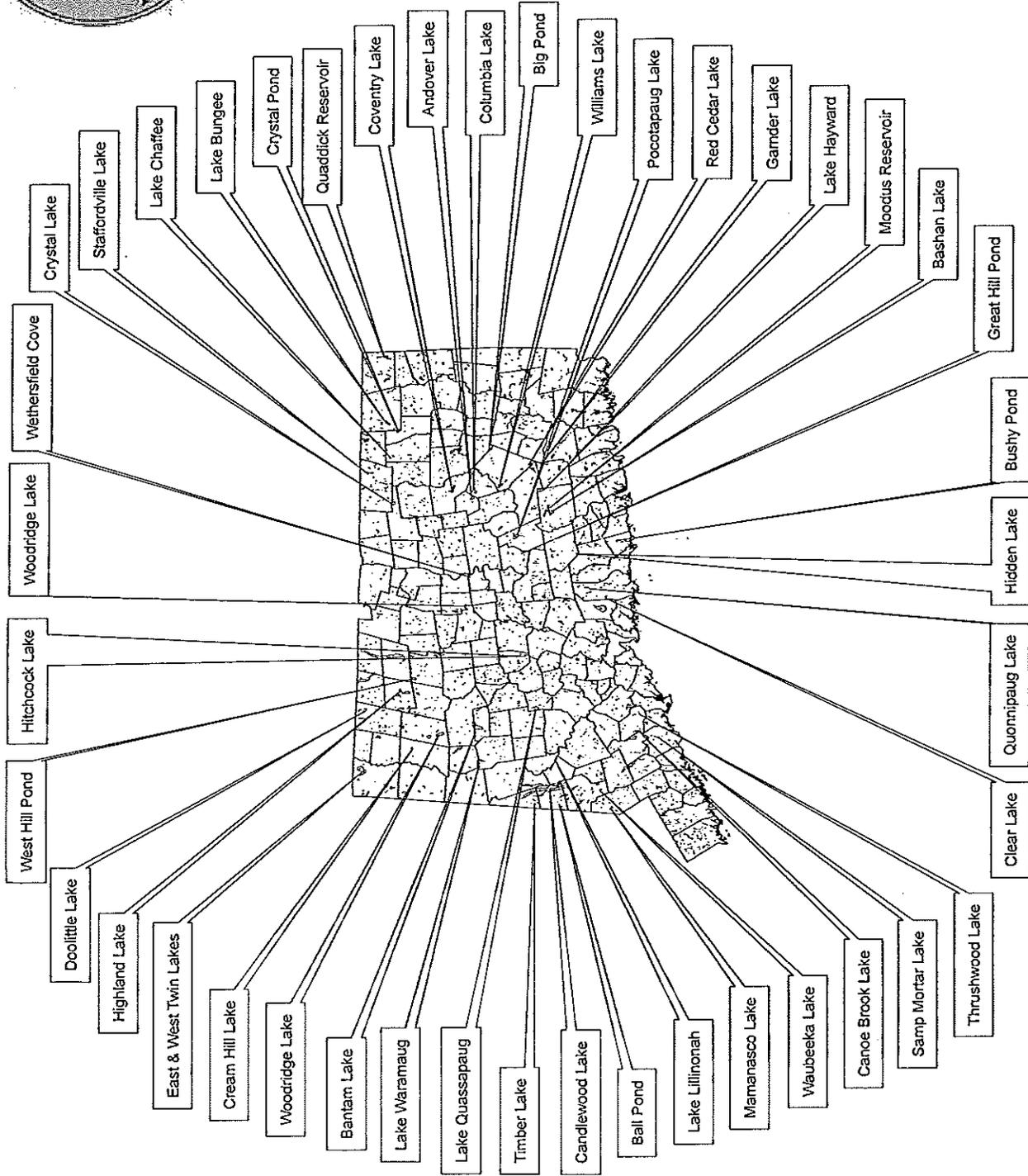
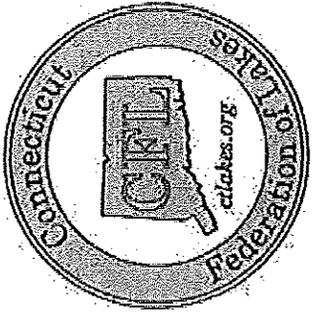
We have worked and advocated for legislative measures, like stricter invasive species laws, that benefit our lakes and lake communities. In addition, we have provided conferences and "road shows". There was and continues to be our work on state policies like the State's Conservation and Development Plan that put the word "lake" in that state-level policy document for the first time. There was the Capacity-Building Grant Program which provided a number of CT lake groups funding for creating or improving your own lake association or for small projects. The point here is that the volunteer board of the CFL has and continues to work for the betterment of all lakes, reservoirs and ponds across the State.

But please, we will still need your financial support to continue our important stewardship. So instead of sending out reminders to pay annual dues, we will send out from time to time appeal letters... like this one. So please consider giving what you can and rest assured that the CFL will continue to work toward the betterment of our CT lakes. Your donations are tax deductible.

Sincerely yours,


Larry Marsicano
President, CFL

Is your lake on our map?



The map shows names and locations of lakes in Connecticut who were represented by a dues-paying members for 2012, including our 12 lifetime members, associations, and corporate members. If your lake is not on the map and should be or you want it to be, go to our website at www.CTLakes.org and use the online membership registration form. It's that easy. The CFL would like to express our sincere thanks to all those who were members in the past and are not now. Get your lake back on our map by registering. Let's grow our numbers! Disclaimer: This map may not represent all the lakes that have or are represented by members.

Connecticut Federation of Lakes
PO Box 216
Windsor, CT 06095

BULK RATE
US POSTAGE
PAID
HARTFORD, CT 06101
PERMIT NO.
5046

Address Service Requested



3-DIGIT 062 3
Inland Wetlands
Beck Municipal Bldg.
4 S Eagleville Rd
Storrs CT 06268 2574

Calendar

Board Meetings – 3rd Wednesday of January,
March, April, May, June, September, and October
7PM at Northeast Utilities, Newington, CT

Annual Meeting and election of Directors and
Discussion of issues of interest to CFL members
April 17, 2013 at Northeast Utilities, Newington, CT.



**Notice of Tentative Determination to Approve
NPDES Permit Renewal
Applicant: University of Connecticut
Application No. 201103700
City/Town: Mansfield**

The Commissioner of Energy and Environmental Protection hereby gives notice that a tentative determination has been made to approve the following application submitted under Section 22a-430 of the Connecticut General Statutes to renew a permit to discharge into the waters of the state.

Applicant's Name and Address: University of Connecticut, 31 LeDoyt Road, Box U-38 Storrs, CT 06268

Contact Name and Phone No.: Jason Coite 860-486-9305

Type of Permit and #: NPDES – CT0101320

Type of Facility: Domestic wastewater treatment

Facility Location: 31 LeDoyt Road

Facility design capacity: 3.0 million gallons per day

PROPOSED ACTIVITY/FACILITY

The applicant has previously received a permit from the Department of Energy and Environmental Protection ("Department") authorizing the discharge of up to an annual average daily design flow of 3.0 million gallons a day of advanced treated municipal wastewaters to the Willimantic River. The applicant has submitted an application to renew its existing permit. This renewal application is the subject of this notice.

THE DRAFT PERMIT

The Department has prepared a draft permit consistent with the tentative determination to approve University of Connecticut's renewal application. This draft is available on the public participation section of the Department's website. In accordance with Sections 22a-430-4(l) and 22a-430-4(r) of the Regulations of Connecticut State Agencies (RCSA), the draft permit contains effluent limitations that meet Connecticut's Water Quality Standards for the following: Ammonia, Aquatic Toxicity, Biochemical Oxygen Demand (5 day), chlorine, cyanides, dissolved oxygen, Escherichia coli, fecal coliform, flow, pH, total phosphorus, total suspended solids and zinc.

INFORMATION REQUESTS/PUBLIC COMMENT

Interested persons may obtain copies of the application from the applicant at the above address. The application and supporting documentation are available for inspection at the Department of Energy and

Environmental Protection, Water Protection and Land Reuse, 79 Elm Street, Hartford, CT from Monday Friday from 8-4 and at other times by appointment. Questions may be directed to Joseph Higgins of the Municipal Facilities Section at 860-424-3584.

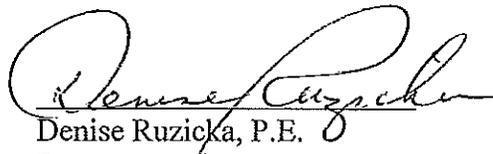
All interested persons are invited to express their views on the tentative determination concerning this application. Written comments on the application should be directed to Joseph Higgins, Planning and Standards Division, Water Protection and Land Reuse Bureau, Department of Energy and Environmental Protection, 79 Elm Street, Hartford, CT 06106-5127, no later than thirty (30) days from the publication date of this notice. Comments regarding this application may be submitted via electronic mail to: joseph.higgins@ct.gov.

PETITIONS FOR HEARING

The Commissioner may hold a public hearing prior to approving or denying an application if in the Commissioner's discretion the public interest will be best served thereby and shall hold a hearing upon the receipt of a petition signed by at least twenty-five persons. Any petition for a hearing should include the application number noted above and also identify a contact person to receive notifications. A petition may also identify a person who is authorized to engage in discussions regarding the application and, if resolution is reached, withdraw the petition. Original petitions must be *mailed or delivered* within the comment period noted above to: DEEP Office of Adjudications, 79 Elm Street, 3rd floor, Hartford, 06106-5127. Petitions cannot be sent by fax or email. For additional information go to www.ct.gov/deep/adjudications. If a hearing is held, notice of such hearing will be published at least thirty days before any hearing is held.

Dated:

MAR 01 2013



Denise Ruzicka, P.E.
Director
Planning and Standards Division
Bureau of Water Protection and Land Reuse

The Department of Energy and Environmental Protection is an Affirmative Action/Equal Opportunity Employer. Persons with a disability who may need information in an alternative format should contact the ADA Coordinator at 860-424-3194 or at DEEP.HRmed@CT.Gov. Persons who are limited English proficient who may need information in another language should contact the Title VI Coordinator at (860) 424-3035 or at DEEP.aoffice@ct.gov. Persons who are hearing impaired should call the State of Connecticut relay number 711. Discrimination complaints should be filed with the Title VI Coordinator.