
PUBLIC NOTICE



**US Army Corps
of Engineers**®
New England District
696 Virginia Road
Concord, MA 01742-2751

Comment Period Begins: September 21, 2010
Comment Period Ends: October 21, 2010
File Number: NAE-2006-3890
In Reply Refer To: Cori M. Rose
Phone: (978) 318-8306
E-mail: cori.m.rose@usace.army.mil

The District Engineer has received a permit application from the applicants listed below to **conduct work in waters of the United States** as described herein.

APPLICANTS

Robert Schact, Miller Pond LLC, 78 Hunts Brook Road, P.O. Box 408, Quaker Hill, CT 06375

Gregory Leonard, Southeastern Connecticut Water Authority, P.O. Box 415, 1649 Route 12, Gales Ferry, CT 06335-1545

David Moorehead and Robert Anderson Jr, Waterford Country School Inc, 78 Hunts Brook Road, P. O. Box 408, Quaker Hill, CT 06375.

Note: Due to the large scale of the project, a full-size set of project plans will be made available for viewing in the Public Library of the Towns of Montville, Waterford and East Lyme, Connecticut. If additional information is required, contact *Mr. Robert Russo, CLA Engineers, 317 Main Street, Norwich, CT 06360 (860) 886-1966.*

ACTIVITY The applicants propose to construct a mining haul access road with fill in waters or wetlands from Unger Road/Moxley Road to Miller Pond, and to dewater the existing 77.9 acre Miller Pond, construct temporary, but long-term (approximately 10 years) diversion channels for Hunts Brook and Sandy Brook around the pond and the existing dam, stockpile excavated materials for processing within the dewatered pond, construct a temporary haul road within the dewatered basin and install riprap stabilization within the pond and downstream of the existing dam in order to allow for the excavation of up to 1.2 million cubic yards of marketable gravel products. The activity will also expand the size and depth of the existing aquatic resource for future use as a consumptive water supply reservoir. A detailed description and plans of the activity are attached.

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in Hunts and Sandy Brooks 122 R Old Colchester Road, Waterford, Connecticut. The proposed location on the USGS Waterford quadrangle sheet is at Latitude 41.41509 N and Longitude -72.12861.

AUTHORITY

Permits are required pursuant to:

Section 10 of the Rivers and Harbors Act of 1899

Section 404 of the Clean Water Act

Section 103 of the Marine Protection, Research and Sanctuaries Act).

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The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
- (X) Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Ms. Cori M. Rose at (978) 318-8306, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

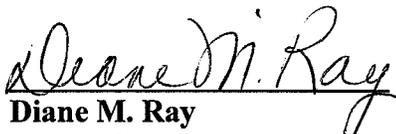
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

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The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

In accordance with 33 CFR 325.2(a)(8), we publish monthly a list of permits issued or denied during the previous month at www.nae.usace.army.mil/reg, under the heading "Monthly General and Individual Permit Authorizations." Relevant environmental documents and the SOFs or RODs are available upon written request and, where applicable, upon the payment of administrative fees. Also visit www.nae.usace.army.mil for more information on the New England District Corps of Engineers programs.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Diane M. Ray
Acting Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____

PROPOSED WORK AND PURPOSE

The work under consideration within this application includes the permanent and temporary discharges of dredged or fill material below ordinary high water within Miller Pond, Hunts Brook, Sandy Brook and in inland wetlands abutting these waters in association with the mining of marketable gravel products. Permanent fill will be placed in inland wetlands over a 2,720 square foot area for installation of culverts associated with upgrade of the existing access road. Temporary fill will be placed below the pond's current ordinary high water elevation of 86 feet for construction of a 406 linear foot access road, 2.4 acres of stockpiled materials, 1.06 acre of stone and gravel fill for sedimentation basins, check dams, energy dissipaters and level spreaders. There will be a loss of 1.3 acre of shallow littoral habitat and 3,865 of shoreline associated with the proposal.

The purpose of the proposed work is the mining extraction of up to 1.2 million cubic yards of sand and gravel earth product. Although not addressed in this application, the enlargement and deepening of Miller Pond, is intended for future consumptive water supply purposes.

More specifically the work will include:

The enlargement of Miller Pond from 77.9 acres to 85.8 acres in surface area and the deepening of the waterbody from 15 feet to 46 feet. In order to accomplish the proposed project, it will be dewatered by opening the existing 24-inch dam culvert to expose the lake bottom. Bordering and contiguous vegetated wetlands are not proposed to be excavated. After the pond is dewatered, temporary diversion channels constructed during summer low flow will carry the flows for Hunts Brook (7.4 square mile watershed area) and Sandy Brook (2.6 square mile watershed area) around the outside of the excavation area. To maintain current stream flows downstream, Hunts Brook will be diverted around the pond through a 2,780 linear foot long by 30 foot wide channel and Sandy Brook will be diverted through a 2,300 linear foot long by 25 foot wide channel, both excavated 8 feet deep into the existing bottom. The channels will serve the purpose of conveying flow for the 100-year storm event in Hunts Brook and Sandy Brook (1,268 cfs and 1,569 cfs, respectively), for up to 10 years, while allowing the mining to occur under dry conditions. Thereby only stormwater from precipitation events will require handling within the excavation area.

The gravel mining is proposed to commence in four phases. Phases I and IV are to take place under "wet" conditions (before complete dewatering) and Phases II and III are to occur under "dry" conditions. The final phase (V) consists of a closure plan after completion of excavation to the specified depth of 46 feet. At this time the pond will be returned to its normal pool elevation of 86 feet National Geodetic Vertical Datum with flow releases downstream equivalent to the pre-excavation condition.

Phase I will include the construction of a permanent access road with installation of a culvert and associated backfill in 2,720 sf of wetlands, installation of initial sedimentation and erosion control protection including hay-bale lined silt fences and 14,063 sf of stone and wood check dams, construction of the Hunts Brook and Sandy Brook diversion channels (described above), discharge of stone riprap over 27,849 sf for construction of temporary lined dewatering basins, sedimentation basins and energy dissipating level spreaders, and armouring of the Hunts Brook side slope below the dam. Phase II activities will include the construction of an additional 20.2 acre sedimentation basin with riprap stabilization over 1.64 acre for side slopes and level spreader, and construction of a 406 long by 22 wide haul road into the dewatered pond bottom. The two phases cumulatively will result in stockpiles of excavated materials below OHW within the pond over a 2.4 acre area.

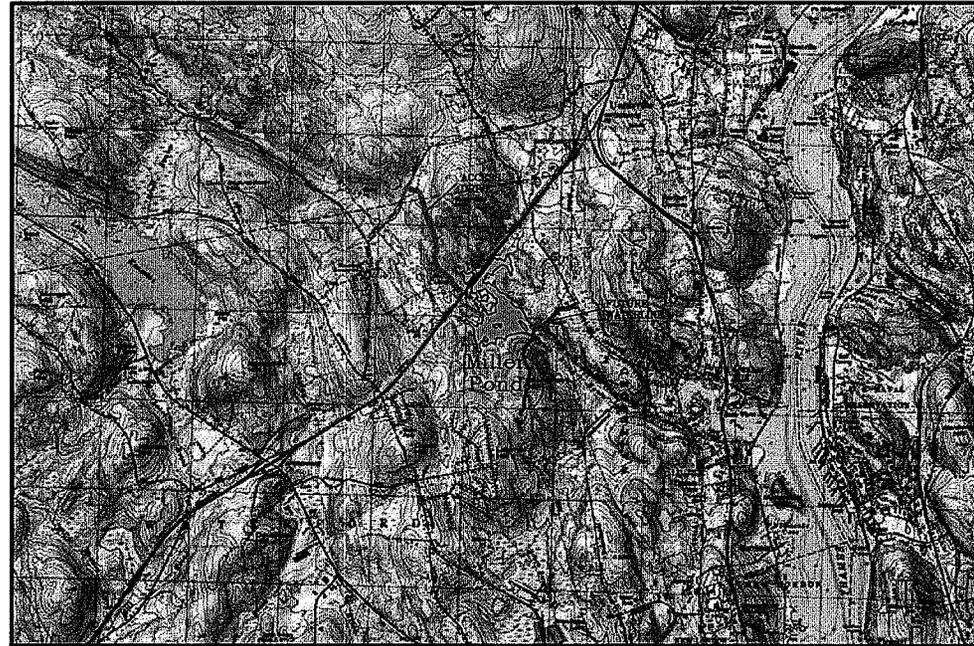
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FILE NO. NAE-2006-3890

Phase III will include construction of an additional sedimentation basin contiguous with the Phase II area which will include the placement of additional temporary riprap stabilization and a level spreader over a 23,125 sf area. Phase IV will include ongoing excavation, as well as, construction of shallow littoral habitat enhancement from upland along the perimeter of the new pond. Phase V (closure) will involve the removal of all temporary riprap and stone and wood check dams from within the pond, construction of a permanent riprap slope over a 4,100 sf area above the dam, permanent riprap stabilization of the Hunts Brook spillway (1,855 sf in area), and the construction of a 200 linear foot by 7.5 foot check dam below the Miller Pond dam. The final pond shoreline configuration will be a grade of 5 to 1 slope from the elevation of 90 feet to 70 feet NGVD, and a 2 to 1 slope for everything below 70 feet in elevation. There will be no impoundment of flows over the existing condition and there will be no increase in peak discharge post-construction.

The work is described on the enclosed plans entitled "MILLER POND WATER SUPPLY DEVELOPMENT PHASE I, WATERFORD, CT," on 30 sheets dated "August 30, 2008" and revised through "January 22, 2010."

PROPOSED COMPENSATORY MITIGATION: In order to compensate or otherwise offset the impact of temporary and permanent fill in wetlands and waters from the mining activity, the applicant proposes to enhance fish habitat through the creation of deep water habitat and placement of in-water structure within the excavated pond. The new in-pond cover and structure will consist of a combination of tree drops, boulder pods and root wad/boulder clusters.

MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE WATERFORD, CONNECTICUT



LOCATION MAP

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AUGUST 2008
REVISED SEPTEMBER 2009
REVISED JANUARY 2010
REVISED JULY 2010

CLA Engineers, Inc.
CIVIL • STRUCTURAL • SURVEYING

317 Main Street Norwich, CT 06360
(860) 886-1966 Fax (860) 886-9165



REFERENCE TO: LANSING, MICHIGAN
 STATE OF MICHIGAN
 COUNTY OF WASHTENAW
 TOWNSHIP OF PLYMOUTH

100 YEAR FLOOD ELEVATION 84.0
 PROPOSED LINE



CLA Engineers, Inc.	
CIVIL - STRUCTURAL - SURVEYING	
817 Main Street, New Rochelle, Connecticut	
(860) 966-1000 Fax (860) 966-9100	
NO. 100	DATE 11/27/93
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APPLICANTS:
 MILLER POND LLC
 WATERFORD COUNTRY SCHOOL
 SOUTHEASTERN CONNECTICUT
 WATER AUTHORITY

BY: JAMES L. & BONNIE A. MORGAN

WATERFORD, CONNECTICUT
**MILLER POND
 WATER SUPPLY DEVELOPMENT
 PHASE ONE**
 Existing Conditions



BY ORDER OF: J. & H. HARRIS & COMPANY

DATE: 10/1/80

APPLICANTS:
 WATERFORD COUNTY SCHOOL
 MILLER POND LLC
 SOUTHEASTERN CONNECTICUT
 WATER AUTHORITY

NOTE: THIS DRAWING IS THE PROPERTY OF CLA ENGINEERS, INC. AND WILL BE LOANED TO YOU FOR THE PROJECT ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CLA ENGINEERS, INC.

DESIGNED BY: J. & H. HARRIS & COMPANY

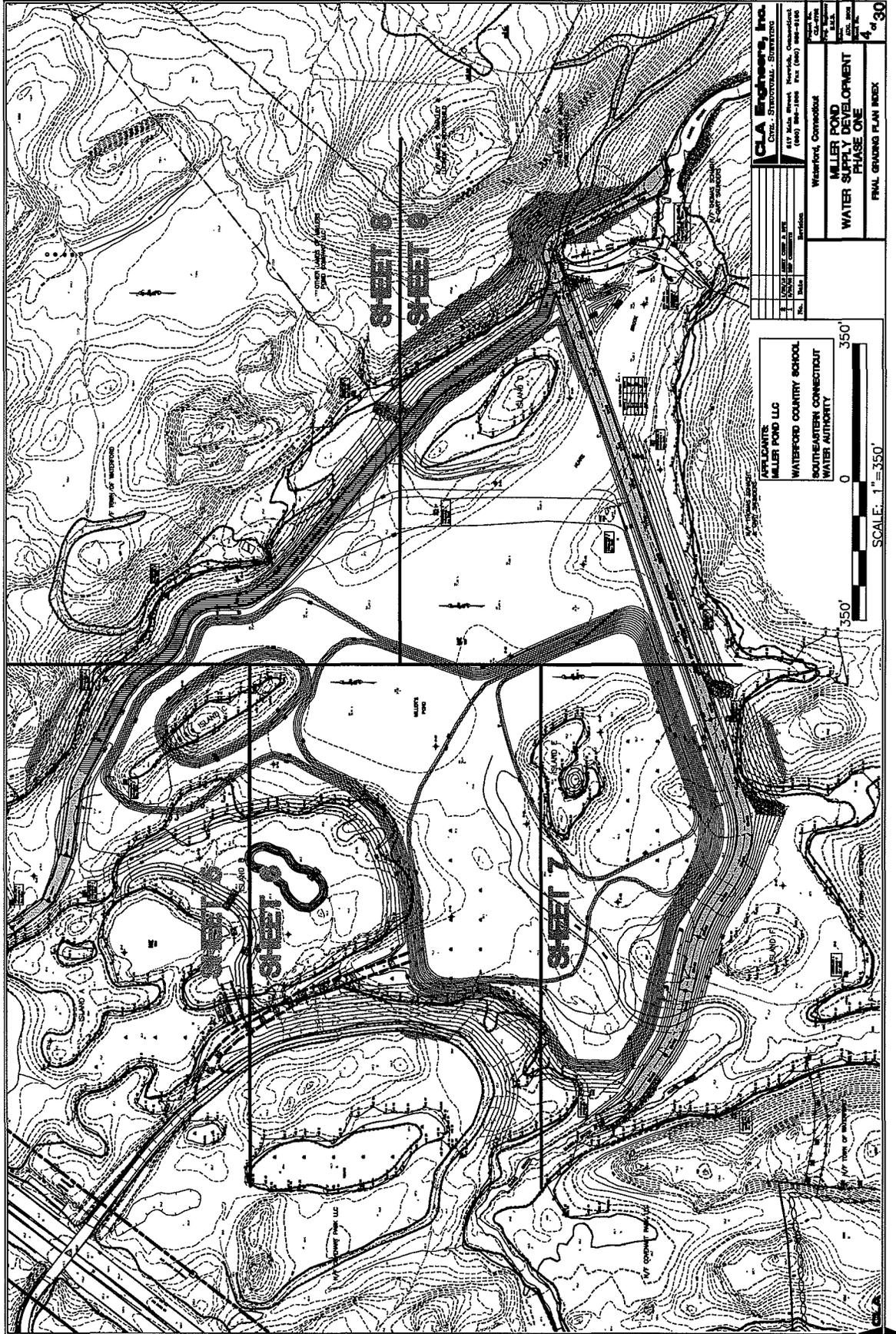
CHECKED BY: J. & H. HARRIS & COMPANY

150 YEAR FLOOD ELEVATION: 100.00 FEET

PROPERTY LINE



CLA Engineers, Inc.	
Civil - Structural - Surveying	
817 Main Street, Waterford, Connecticut	
(860) 864-1088 Fax: (860) 864-8188	
Project No.	Waterford, Connecticut
Sheet No.	3 of 30
MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE	
Graphic Plan	



CLA Engineers, Inc.	
CIVIL, STRUCTURAL, & SURVEYING	
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APPLICANTS:
 MILLER POND LLC
 WATERFORD COUNTRY SCHOOL
 SOUTHEASTERN CONNECTICUT
 WATER AUTHORITY

WATERFORD, CONNECTICUT
**MILLER POND
 WATER SUPPLY DEVELOPMENT
 PHASE ONE**
 FINAL GRADING PLAN INDEX

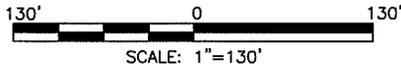




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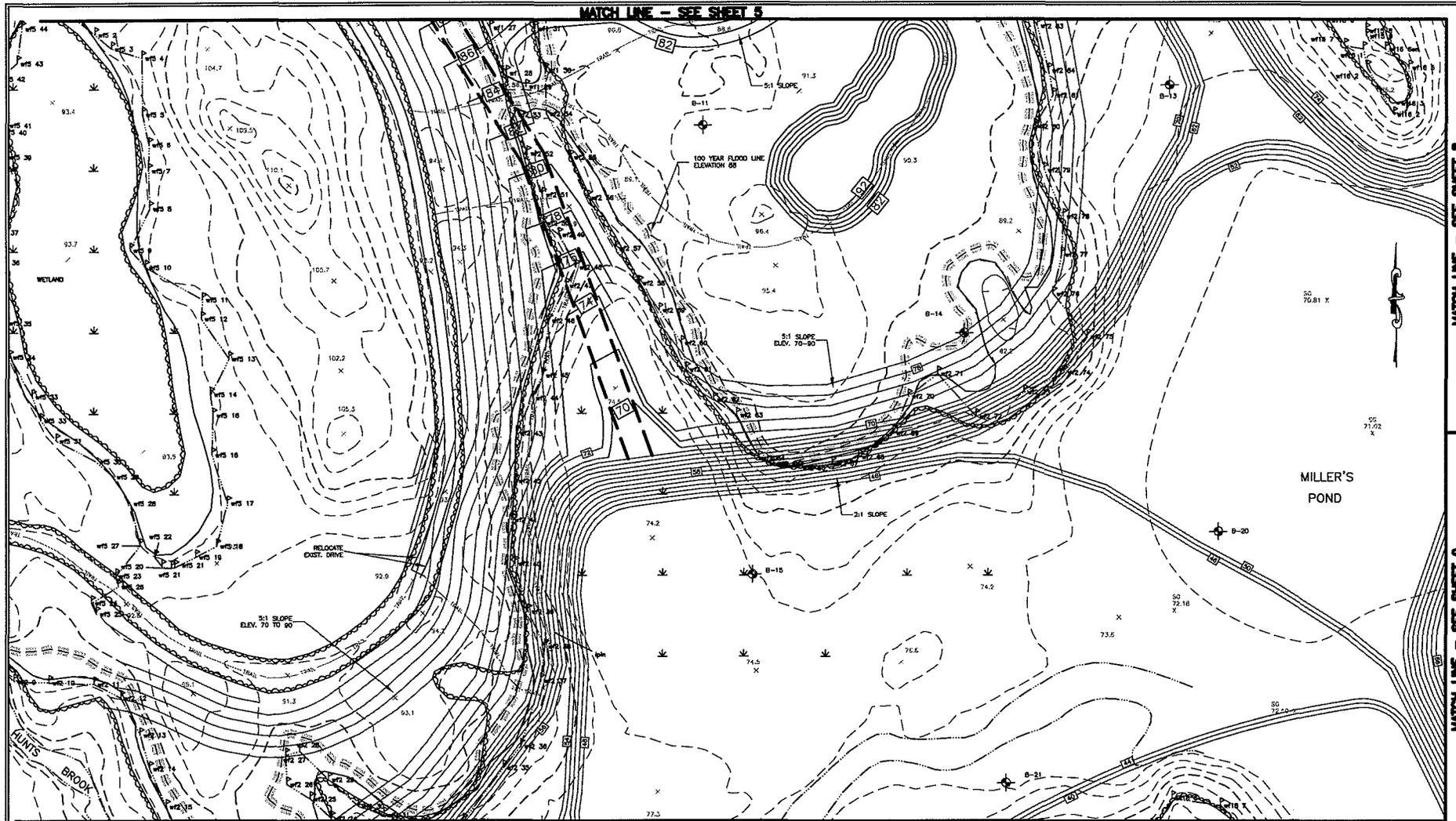
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APPLICANTS:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY



CLA Engineers, Inc. CIVIL - STRUCTURAL - SURVEYING	
817 Main Street Waterford, Connecticut (860) 506-1990 Fax (860) 506-9190	Project No. 174-0785 Date 11/11/09 Scale AS SHOWN 3 of 30
No. Date Revision	WATERFORD, CONNECTICUT MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE FINAL GRADING PLAN

CLA

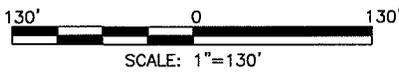


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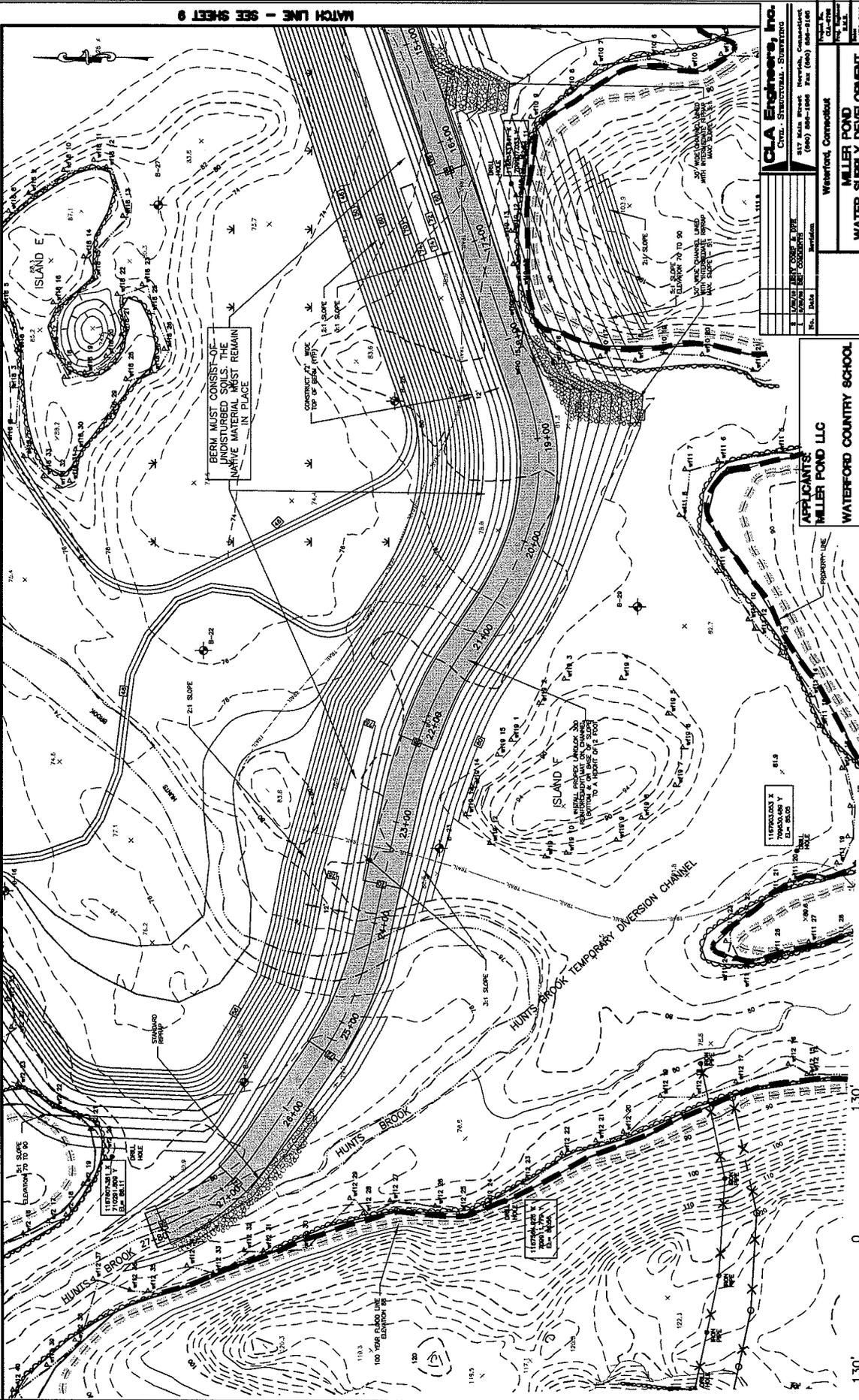
APPLICANTS:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY



CLA Engineers, Inc. CIVIL - STRUCTURAL - SURVEYING 817 Main Street Storrs, Connecticut (860) 868-1800 Fax (860) 868-9188		
Project No. 06-015	Date 1/28/06	Revision 1. 1/28/06 ASST. CIVIL & SURV. CONSULTING 2. 2/1/06 REV. COMMENTS
Waterford, Connecticut MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE FINAL GRADING PLAN		

6 of 30

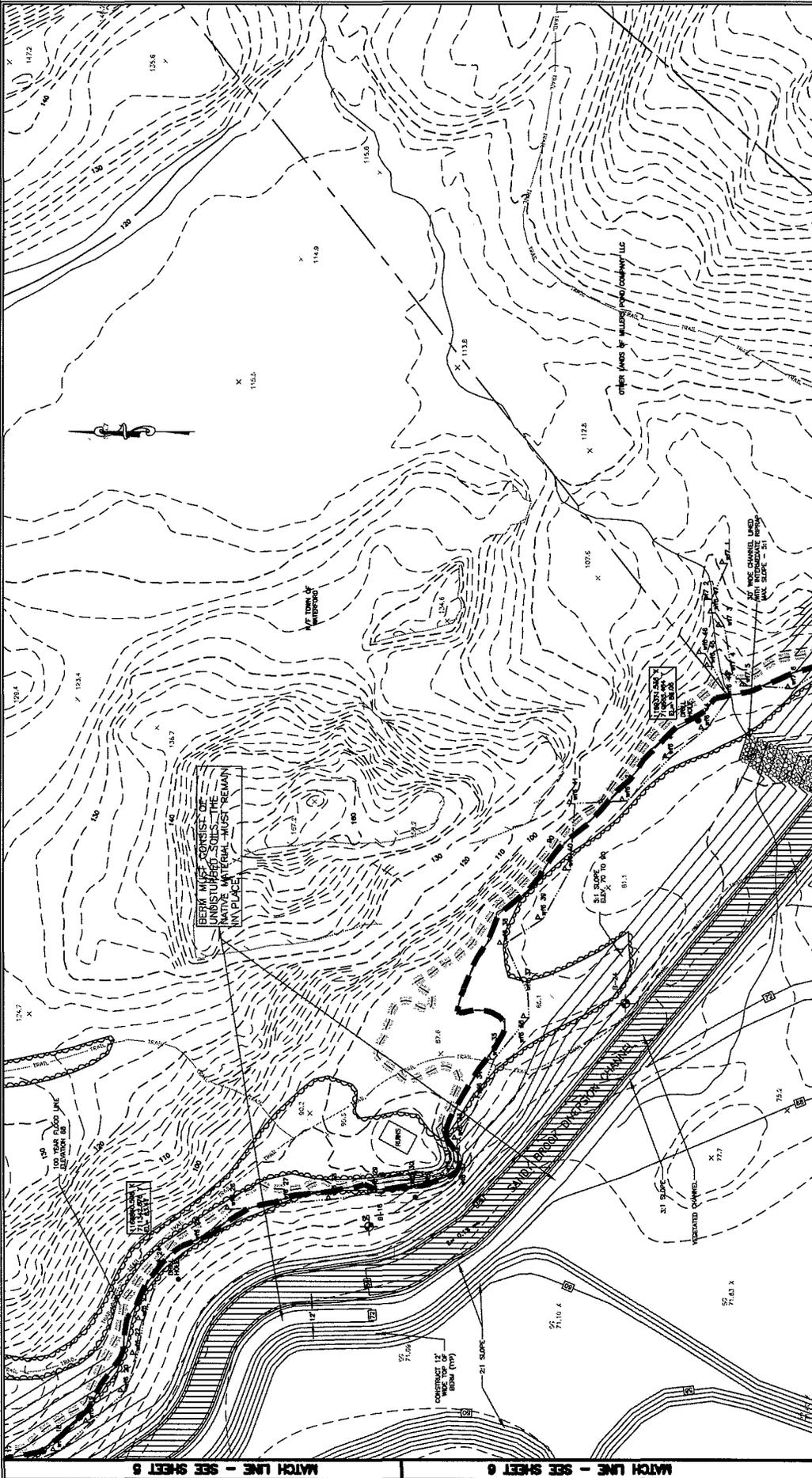
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CLA Engineers, Inc.
 Civil, Structural - Surveying
 217 Main Street, New Britain, Connecticut
 (860) 881-1668 Fax (860) 881-8188

NO. 1	DATE	DESCRIPTION
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2	11/15/07	REVISED FOR COMMENTS
3	01/08/08	REVISED FOR COMMENTS
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MATCH LINE - SEE SHEET 9

APPLICANTS:
 MILLER POND LLC
 WATERFORD COUNTRY SCHOOL
 SOUTHEASTERN CONNECTICUT
 WATER AUTHORITY



CLA Engineers, Inc.
 CIVIL, STRUCTURAL - SURVEILLING
 317 Main Street, Waterford, Connecticut
 (860) 866-1000 Fax (860) 866-1100

No.	Date	Description
1	08/15/11	PRELIMINARY
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286	05/15/35	REVISED



IF ANY PART OF THE PROPOSED CONSTRUCTION IS DECIDED TO ABANDON THE PROJECT, THEN PHASE V CLOSURE PLAN MUST BE COMPLETED AS SHOWN ON SHEET 24. ALL STOCKPILES MUST BE REMOVED AND DISTURBED AREAS MUST BE STABILIZED AS SHOWN ON THE PLAN.

CONSTRUCTION SHALL BE COMPLETED BY THE DATE SHOWN ON THE PLAN. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. ALL STOCKPILES SHALL BE REMOVED AND DISTURBED AREAS SHALL BE STABILIZED AS SHOWN ON THE PLAN.

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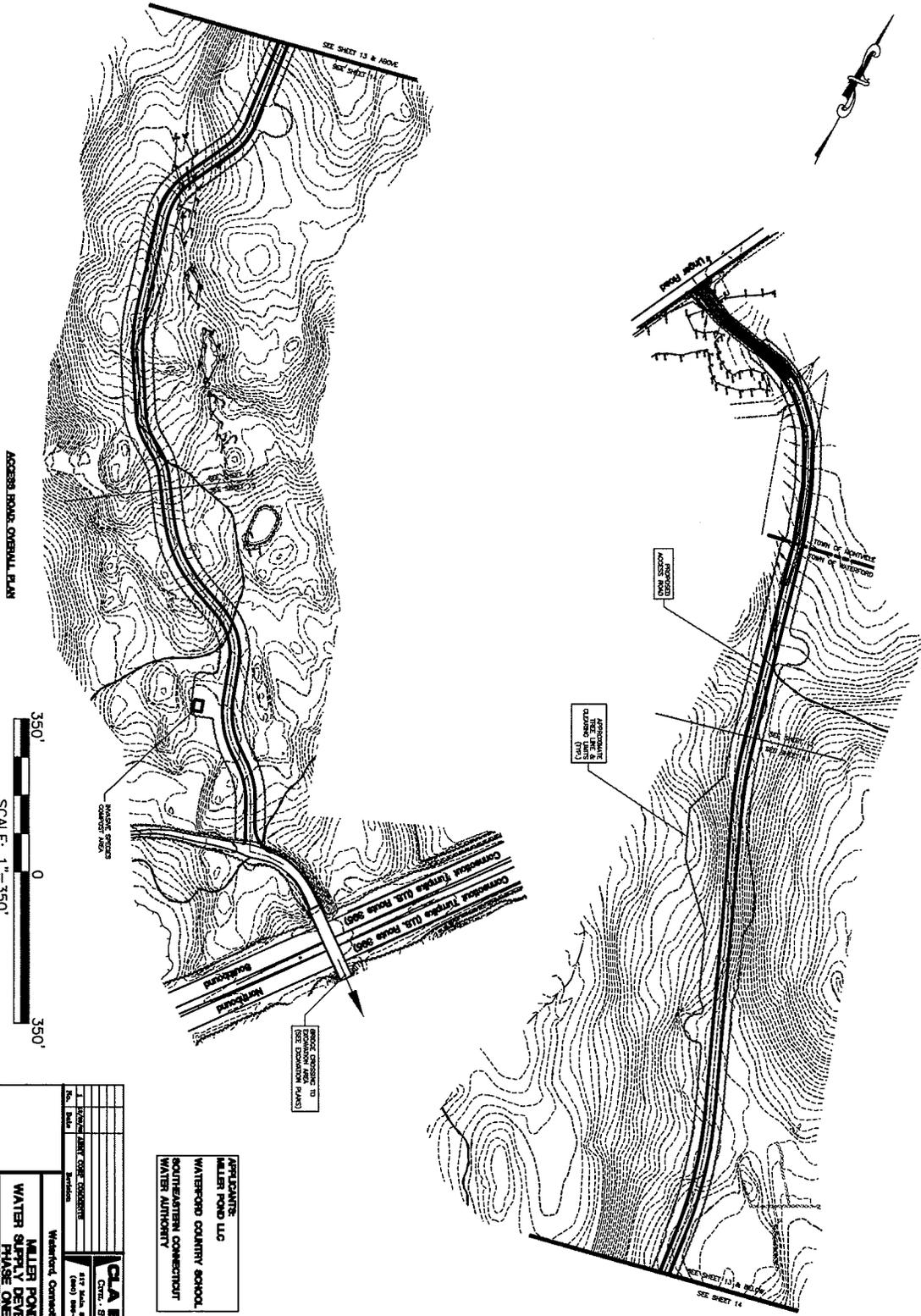
CLA Engineers, Inc.	
Civil, Structural - Connecticut	
817 Main Street, Waterford, Connecticut	
(860) 668-1800 Fax: (860) 668-1808	
No.	Date
1	7/27/02
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APPLICANTS:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY



CLA

Waterford, Connecticut
**MILLER POND
WATER SUPPLY DEVELOPMENT
PHASE ONE**
Phase 1 - Diversion Channels



ACCESS ROAD OVERALL PLAN

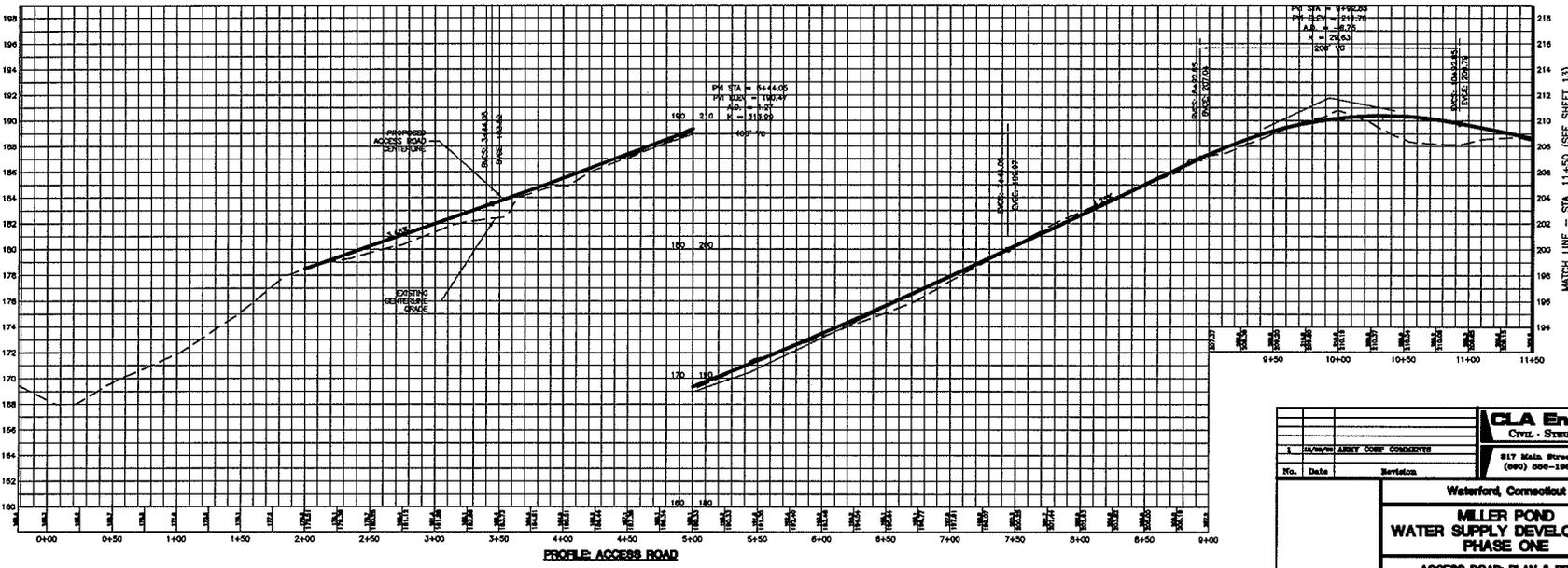
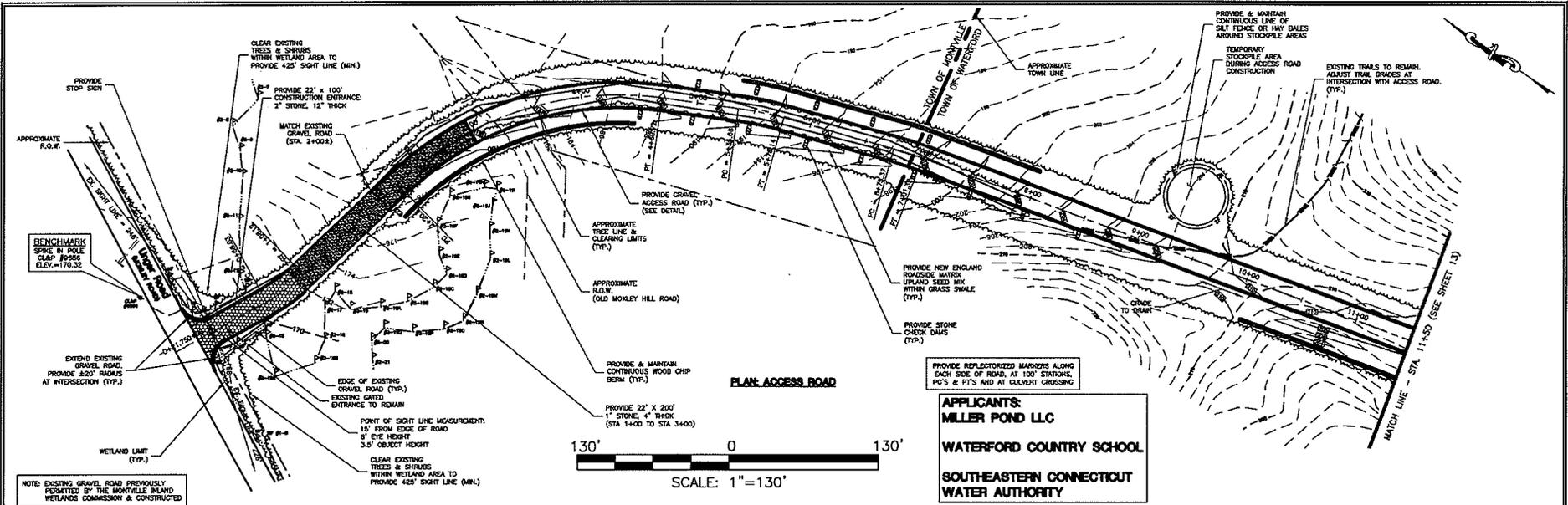


No.	Date	Revisions
1		ISSUE FOR CONSTRUCTION

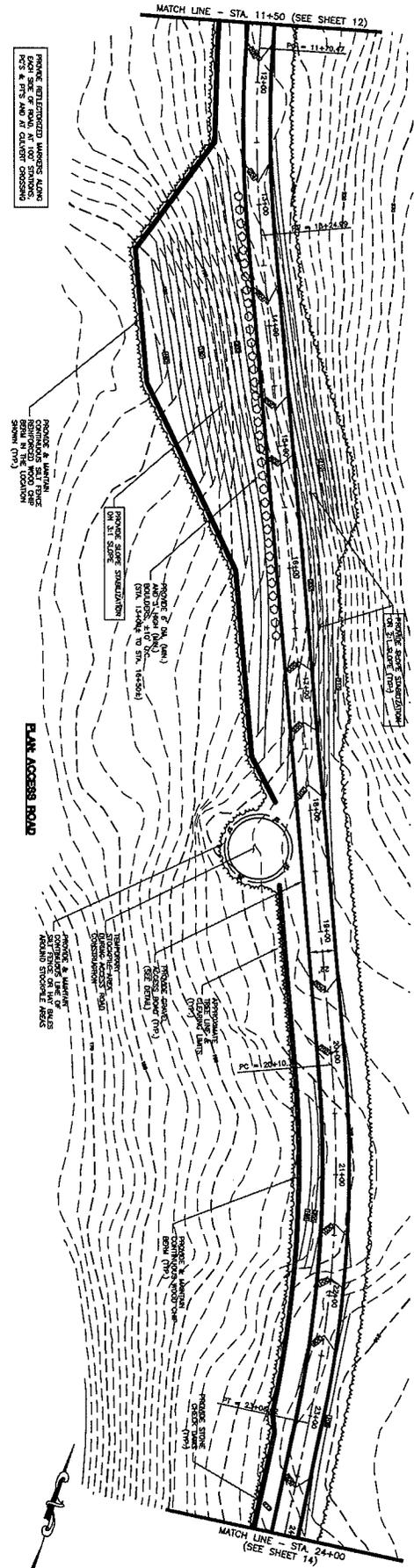
CLA Engineers, Inc.
 CIVIL - ENVIRONMENTAL - SURVEYING
 412 Main Street, Knoxville, Tennessee
 (405) 999-1999 Fax (405) 999-9199

Client: **Waterford, Connecticut**
 Project: **MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE**
 Drawing: **ACCESS ROAD OVERALL PLAN**

APPLICANTS:
MILLER POND LLC
WATERFORD COUNTY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY



CLA Engineers, Inc. Civil - Structural - Surveying	
817 Main Street Waterford, Connecticut (800) 500-1900 Fax (860) 508-9188	
Project No. _____ Date _____ Revision _____	Project No. CLA-0708 Date 12/12/08 Scale 12"=130'
Waterford, Connecticut MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE ACCESS ROAD: PLAN & PROFILE	

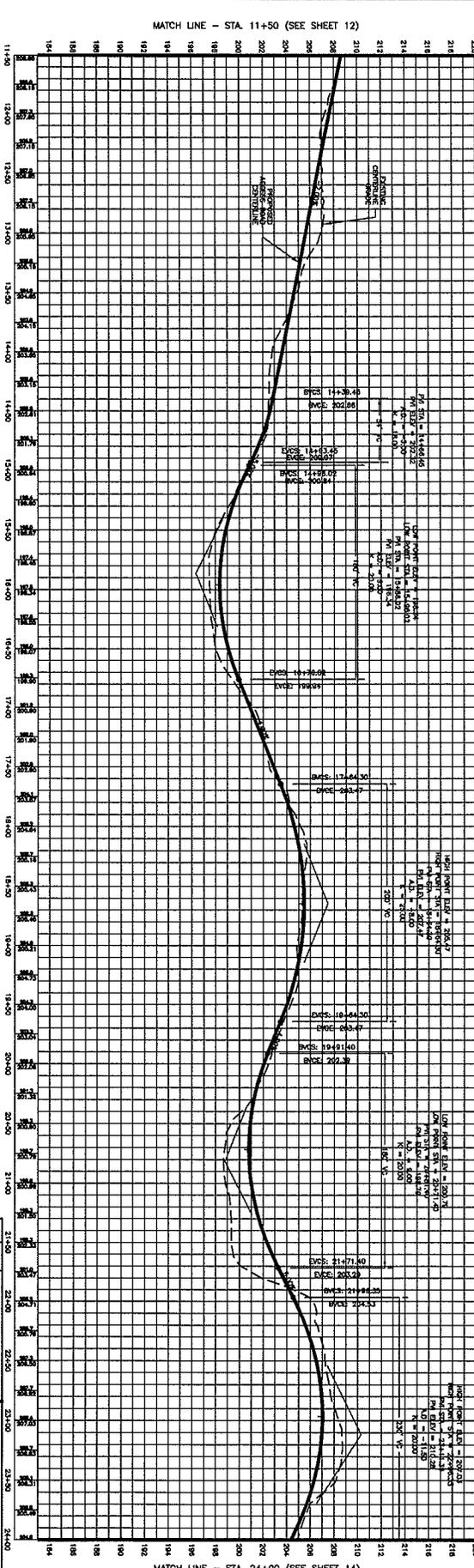


PROPOSED & MAINTENANCE EXISTING ROAD
 SHOW SIZE OF ROAD, AT 100' STATIONS,
 P.C.S. & P.T.S. AND AT QUARTER CROSSINGS.

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APPLICANTS:
 MILLER POND LLC
 WATERFORD COUNTRY SCHOOL
 SOUTHEASTERN CONNECTICUT
 WATER AUTHORITY

CA Engineering, Inc. CIVIL, STRUCTURAL, SURVEYING 517 Main Street, Meriden, Connecticut (404) 666-1000 Fax: (404) 666-4100	
PROJECT NO. 13-28 DATE: 12/11/13	WATERFORD, CONNECTICUT MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE ACCESS ROAD PLAN & PROFILE

DEVELOPMENT SCHEDULE

- PRIOR TO THE START OF PHASE I CONSTRUCTION THE DEVELOPER IS TO SCHEDULE A PRECONSTRUCTION MEETING ON SITE WITH TOWN STAFF, DEP STAFF AND CIA ENGINEERS TO DISCUSS IMPORTANT SITE ISSUES INCLUDING SCHEDULING, SITE ACCESS, CONSTRUCTION METHODS, AND INSPECTION PROCEDURES.
- WATER FLOWING IN HUNTS BROOK PRESENTED BY A DAM LOCATED AT THE NORTHERN CORNER OF THE POND. THE POND IS ALSO FED BY AN INTERMITTENT STREAM, NAMED SANDY BROOK, WHICH FLOWS INTO THE LAKE ON ITS NORTH SIDE. HUNTS BROOK HAS WATERSHEDS OF 7.4 SQ. MI. AND 2.8 SQ. MI. RESPECTIVELY. THE DAM CONSISTS OF A PRIMARY SPILLWAY, A SECONDARY SPILLWAY, AND A 24-INCH CULVERT LOCATED AT THE BOTTOM OF THE DAM, WHICH CAN BE OPENED AND CLOSED. WHEN THE CULVERT IS LEFT OPEN THE POND WILL BE DRAWN DOWN TO A DRY LAKE BED WITH THE TWO STREAMS MEANDERING THROUGH THE LAKE BOTTOM. WHEN THE DAM IS OPEN AND THE POND DRAWN DOWN, THE POND WILL REACH ITS SPILLWAY ELEVATION (66 FT WOOD) AFTER LARGE STORMS AND DURING SPRING RUNOFF, AND THEN DRAWN BACK DOWN OVER A PERIOD OF DAYS. DURING PROPOSED SAND AND GRAVEL EXCAVATION, THE POND WILL BE DRAWN DOWN AND NUMEROUS MEASURES WILL BE PUT IN PLACE TO MINIMIZE EROSION AND SEDIMENTATION TO THE POND AND NEARBY RESOURCES. TYPICALLY, THESE ARE THREE MARKING DEVICES TO AN EXTENSIVE EROSION AND SEDIMENT CONTROL SYSTEM. THESE THREE DISTINCT MEASURES ARE RUN OFF CONTROL, SOIL STABILIZATION AND SEDIMENT CONTROL. THIS PROJECT HAS BEEN DESIGNED TO ADDRESS ALL THREE MEASURES. HOWEVER, FOR THIS PROJECT, RUN OFF CONTROL IS THE MOST CRITICAL MEASURE. THIS IS DUE TO THE FACT THAT EVEN WITH THE DAM FULLY OPEN, WATER FROM HUNTS BROOK AND SANDY BROOK WILL COMPLETELY FILL UP THE POND TO ITS SPILLWAY ELEVATION OF 66 FT AFTER ANY SIGNIFICANT RAINFALL. MANAGEMENT OF THIS RUNOFF WATER WILL BE ACCOMPLISHED BY DIVERTING STREAM FLOWS AROUND THE EXCAVATION FOR THE DURATION OF THE PROJECT. WITH THE EXISTING DAM AND A PERMANENT ACCESS ROAD TO THE POND, PHASE I IS ENTIRELY DEVOTED TO CONSTRUCTING RUN OFF MEASURES FOR THE PROJECT. THE FIRST MEASURE IS TO ESTABLISH A RUN OFF CONTROL PLAN IS TO CONSTRUCT A DAM DIVERSION CHANNEL (SEE SHEET 10) OF THE MILLION POND SUPPLY DEVELOPMENT PROJECT (PHASE I PLAN). THE DAM DIVERSION CHANNEL WILL DIVERT THE FLOWS FROM HUNTS BROOK AND SANDY BROOK AROUND THE DAM, WITH THE CAPACITY TO PASS THE 100-YEAR STORM EVENT. ONCE THIS DIVERSION CHANNEL IS COMPLETED THE LAKE BED WILL REMAIN IN ITS DRY STATE FOLLOWING ANY STORM EVENT WHICH DOES NOT EXCEED THIS 100-YEAR STORM EVENT. IT ALSO CONSISTS OF CONSTRUCTING DIVERSION CHANNELS FOR BOTH HUNTS BROOK AND SANDY BROOK. BOTH DIVERSION CHANNELS WILL BE INSTALLED EVENT STORM. ONCE THESE THREE DIVERSION CHANNELS ARE COMPLETED, ALL DISTURBED AREAS WILL BE RESTORED TO ORIGINAL CONDITIONS WITHIN THE LIMITS OF THE POND, WITH ONLY THE STORMWATER THAT FALLS ON THE EXCAVATION AREA NEEDING TO BE MANAGED.

HAY BALE INSTALLATION & MAINTENANCE

- BALES SHALL BE PLACED WHERE CALLED FOR ON PLANS WITH THE ENDS THOROUGHLY ADJUTING EACH OTHER.
- EACH BALE SHALL BE SECURELY ANCHORED WITH AT LEAST 2 STAKES AND GAPS BETWEEN BALES SHALL BE WIDGED WITH STRAW TO PREVENT WATER FROM PASSING BETWEEN THE BALES.
- INSPECT BALES AFTER EACH STORM AND REPAIR OR REPLACE PROMPTLY AS NEEDED. REMOVE SEDIMENT BEHIND THE BALES WHEN IT HAS REACHED HALF THE HEIGHT AND IS DEPOSITED IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.
- INSPECTIONS AND NECESSARY REPAIRS WILL BE MADE TWICE WEEKLY.

GENERAL DEVELOPMENT PLAN

PRIOR TO THE COMMENCEMENT OF OPERATIONS IN ACCORDANCE WITH ANY PERMIT ISSUED, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES. IN ADDITION, THE CONTRACTOR IS TO FURNISH THE TOWN & STATE WITH THE NAME AND PHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL PROVIDE WEEKLY SITE INSPECTION REPORTS TO ENSURE THAT ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE INWRITIVE. THE CONTRACTOR SHALL OBTAIN A SITE INSPECTION FROM THE TOWN OF WATERFORD PRIOR TO THE START OF CONSTRUCTION. ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN PROPERLY INSTALLED. UPON CERTIFICATION WITH RESPECT TO THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR MAY COMMENCE OPERATIONS PURSUANT TO THE PERMIT. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE FILTER BARRIER INSTALLATION & MAINTENANCE AND HAY BALE INSTALLATION & MAINTENANCE SECTIONS OF THIS INWRITIVE. THE WEEKLY SITE INSPECTION REPORTS SHALL BE AVAILABLE AT THE SITE FOR REVIEW BY DEP.

ALL STRIPPING IS TO BE COMPLETED TO THE IMMEDIATE CONSTRUCTION AREA TOPSOIL SHALL BE STOCKPILED SO THAT SLOPES DO NOT EXCEED 3 TO 1. A SEDIMENT BARRIER IS TO SURROUND EACH STOCKPILE AND A TEMPORARY VEGETATIVE COVER PROVIDED IF NECESSARY. DUST CONTROL WILL BE ACCOMPLISHED BY SPRAYING WITH WATER.

THE PROPOSED IMITATION PLANTING SCHEDULE IS TO BE ADHERED TO DURING THE PLANTING OF DISTURBED AREAS THROUGHOUT THE PROPOSED CONSTRUCTION SITE.

FINAL STABILIZATION OF THE SITE IS TO FOLLOW THE PROCEDURES OUTLINED IN PERMANENT VEGETATIVE COVER. IF NECESSARY A TEMPORARY VEGETATIVE COVER IS TO BE PROVIDED UNTIL A PERMANENT COVER CAN BE APPLIED.

DURING THE STABILIZATION PERIOD, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL EROSION AND SEDIMENT CONTROL ON A TWICE-WEEKLY BASIS DURING THE STABILIZATION PERIOD AND AFTER EACH STORM EVENT. DURING THE STABILIZATION PERIOD WITH RESPECT TO THE SITE, ANY EROSION WHICH OCCURS WITHIN DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED, REDESIGNED AND REESTABLISHED.

ONCE STABILIZATION HAS BEEN COMPLETED AND CERTIFICATION THEREOF OBTAINED IN WRITING FROM THE WETLAND OFFICER OF THE TOWN OF WATERFORD, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

PRIOR TO ANY BLASTING ON THE SITE, A PRE-BLAST SURVEY WILL BE CONDUCTED.

DEWATERING PLAN

- IF DEWATERING IS NECESSARY DURING CONSTRUCTION A CLEAR WATER DISCHARGE SHALL BE PROVIDED AS FOLLOWS:
- THE PUMP OUTLET WILL BE WRAPPED IN FILTER FABRIC AND PLACED IN CRUSHED STONE.
 - THE PUMP OUTLET WILL DISCHARGE TO A DEWATERING SETTLING BASIN AS DETAILED OR A 30 CY ROLL-OFF LINED WITH FILTER FABRIC UNDER A 12" BED OF 1/2" STONE.
 - THE DISCHARGE FROM THE DEWATERING ENCLOSURE WILL BE MONITORED AND ADDITIONAL MEASURES EMPLOYED IF NECESSARY.

SEQUENCE OF CONSTRUCTION PHASE I RUNOFF CONTROL PLAN

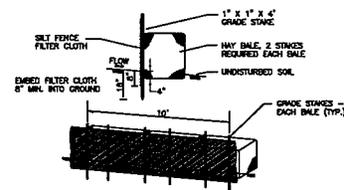
- MILLER POND MUST BE DRAWN DOWN PRIOR TO PHASE I CONSTRUCTION, WITH THE EXCEPTION OF THE CONSTRUCTION OF THE ACCESS DRIVE FROM MOXLEY ROAD TO ROUTE 305.
- PHASE I CONSTRUCTION MUST BEGIN AT THE BEGINNING OF THE SUMMER DRY PERIOD, APPROXIMATELY JULY 1, WITH THE EXCEPTION OF THE ACCESS DRIVE. THE CONSTRUCTION OF THE ACCESS DRIVE FROM MOXLEY ROAD TO ROUTE 305 CAN BE DONE PRIOR TO JULY 1.
- WITH THE EXCEPTION OF THE ACCESS DRIVE FROM MOXLEY ROAD TO ROUTE 305, ALL THE WORK FOR PHASE I IS TO BE COMPLETED DURING JUNE AND AUGUST.
- THE OWNER SHALL HIRE A QUALIFIED E & S INSPECTOR TO MONITOR THE CONSTRUCTION PROCESS AND TO PROVIDE WEEKLY SITE INSPECTION REPORTS. THESE INSPECTION REPORTS SHALL BE MAINTAINED ON SITE FOR REVIEW BY DEP STAFF UPON REQUEST.
- QUALIFIED PERSONNEL (PROVIDED BY THE PERMITTEE) SHALL INSPECT DISTURBED AREAS OF CONSTRUCTION ACTIVITY THAT HAVE NOT BEEN STABILIZED. STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN TWENTY FOUR (24) HOURS OF THE END OF A STORM THAT IS 0.1 INCHES OR GREATER.
- INSTALL ALL PHASE I EROSION CONTROL MEASURES SHOWN ON SHEET 10 FOR THE DIVERSION CHANNELS AND ON SHEETS 11 THRU 15 FOR THE ACCESS DRIVE. INSTALL PHASE I TEMPORARY SEDIMENTATION BARRIERS SHOWN ON SHEET 10. IF DOWNDRAIN IS NECESSARY DURING THE CONSTRUCTION OF THE HUNTS BROOK DIVERSION CHANNEL, IT SHALL OUTLET TO THE PHASE I TEMPORARY SEDIMENTATION BARRIERS.
- INSTALLATION OF THE FUELING STATION AS DETAILED ON SHEET 17, ON ISLAND B, AT LOCATION SHOWN ON SHEET 10. THE STATION IS TO BE LOCATED ON AN ELEVATION OF 80, ON THE PORTION OF ISLAND B WHICH WILL REMAIN AFTER DAM EXCAVATION HAS BEEN COMPLETED. THE WATERSHED ELEVATION OF THE POND WHEN IT IS FULL, CONSTRUCT THE WETLANDS AND GRAVEL ACCESS ROAD AS DETAILED ON SHEET 10. THE SANITARY FACILITY MUST BE RELOCATED WITHIN THE FUELING STATION.
- AT THE END OF EACH WORK DAY, ALL VEHICLES AND EQUIPMENT ARE TO BE STORED IN THE YARD AND EQUIPMENT AREA SHOWN ON SHEET 10. EACH MORNING A PAV. TRUCK WILL COME TO FILL THE EQUIPMENT AT THE FUELING STATION, AT THE START OF EACH WORK DAY TO FUEL, WHICH WILL BE STORED ON SITE.
- CLEAR AND GRUB THE NECESSARY AREAS FOR THE ACCESS DRIVE AND THE DAM DIVERSION CHANNEL. STOCKPILE TOPSOIL AND A SEDIMENT BARRIER IS TO BE INSTALLED SURROUNDING EACH STOCKPILE.
- CONSTRUCT DAM DIVERSION CHANNEL STA 0+00 TO 7+00. THIS WORK SHOULD BE COMPLETED DURING THE FIRST TWO WEEKS OF JULY. DURING THIS PERIOD HUNTS BROOK WILL FLOW WITHIN THE EXISTING STREAM BED THAT PASSES THROUGH THE LAKE BED, AND THEN PASS THRU THE 24 INCH CULVERT LOCATED AT THE BASE OF THE DAM.
- THE EXISTING MATERIAL EXCAVATED FOR THE DAM DIVERSION CHANNEL IS TO BE STOCKPILED AS SHOWN ON SHEET 10. THIS MATERIAL IS TO REMAIN IN PLACE UNTIL THE ENTIRE POND EXCAVATION IS COMPLETED. THE STOCKPILE SHALL NOT EXCEED 3:1 AND THE EXISTING STOCKPILE SHALL BE REVEGETATED IMMEDIATELY.
- DURING THE CONSTRUCTION OF THE DAM DIVERSION CHANNEL, CONSTRUCTION OF THE HUNTS BROOK TEMPORARY DIVERSION CHANNEL CAN PROCEED FROM STA. 10+00 TO STA. 22+00. THE TEMPORARY EXCAVATION FROM THE HUNTS BROOK TEMPORARY DIVERSION CHANNEL IS TO BE STOCKPILED IN THE AREA SHOWN ON SHEET 10. THIS MATERIAL IS TO REMAIN STOCKPILED UNTIL THE DIVERSION CHANNEL IS COMPLETED AND HUNTS BROOK HAS BEEN DIVERTED TO THE CONSTRUCTION PROGRESS. CHECK DAMS SHALL BE INSTALLED ALONG THE CHANNEL AS CALLED FOR BY THE E & S INSPECTOR.
- THE CONSTRUCTION OF THE ACCESS DRIVE FROM MOXLEY ROAD TO ROUTE 305 CAN BE DONE PRIOR TO OR DURING THE CONSTRUCTION OF THE DAM DIVERSION CHANNEL. PRIOR TO ANY DISTURBANCE FOR CONSTRUCTION OF THE ACCESS DRIVE, THE ANTI-TRACKING PAD MUST BE INSTALLED.
- PRIOR TO DIVERTING HUNTS BROOK TO THE DAM DIVERSION CHANNEL, THE STANDARD RRAPP SLOPE ARMOR SHALL BE INSTALLED ALONG THE DOWNSTREAM SECTION OF HUNTS BROOK AS SHOWN ON SHEET 10. THE INSTALLATION IS TO BE SUPERVISED BY A QUALIFIED ENGINEER.
- WHEN THE DAM DIVERSION CHANNEL IS COMPLETED FROM STA. 0+00 TO STA. 7+00, HUNTS BROOK SHALL BE DIVERTED TO THE DAM DIVERSION CHANNEL. COMPLETED CHANNEL TO INCLUDE INSTALLATION OF REINFORCEMENT MAT AND SEED AND MULCH ON ALL DISTURBED AREAS. ALSO A TEMPORARY RRAPP LEVEL SPREADER AT THEIVE ON DIVERSION, STA. 7+00. PRIOR TO THE DIVERSION OF HUNTS BROOK TO THE DAM DIVERSION CHANNEL, CHECK DAM LOCATED AT STA. 0+30 SHALL BE REMOVED.
- ONCE HUNTS BROOK HAS BEEN DIVERTED TO THE DAM DIVERSION CHANNEL, WORK CAN PROCEED ON ALL SECTIONS OF THE HUNTS BROOK TEMPORARY DIVERSION CHANNEL. EXCEPT FOR THE WESTERLY 100 FOOT SECTION WHICH WILL CONNECT IT TO THE DAM DIVERSION CHANNEL, AND THE EASTERN SECTION WHICH WILL CONNECT IT TO HUNTS BROOK, STA. 25+00 TO STA. 28+00 WILL BE THE LAST SECTION TO BE CONSTRUCTED.
- ONCE HUNTS BROOK HAS BEEN DIVERTED TO THE DAM DIVERSION CHANNEL, WORK CAN THEN BEGIN ON THE SANDY BROOK DIVERSION CHANNEL, FROM STA. 5+00 TO STA. 8+00. THIS CHANNEL CAN BE CONSTRUCTED WITH THE HUNTS BROOK DIVERSION CHANNEL CONSTRUCTION IS COMPLETED. THE MATERIAL EXCAVATED FROM THE SANDY BROOK DIVERSION CHANNEL, IS TO BE STOCKPILED IN THE AREA SHOWN ON SHEET 10, AS THE CONSTRUCTION PROGRESSES. CHECK DAMS SHALL BE INSTALLED ACROSS THE CHANNEL AS CALLED FOR BY THE E & S INSPECTOR.
- THE HUNTS BROOK TEMPORARY DIVERSION CHANNEL SHALL BE COMPLETED FROM STA. 8+00 TO STA. 25+00, TO INCLUDE INSTALLATION OF THE REINFORCEMENT MAT AND SEEDING AND MULCHING THE SIDE SLOPES AND ALL DISTURBED AREAS ON THE SOUTHERLY SIDE OF THE CHANNEL.
- ONCE HUNTS BROOK TEMPORARY DIVERSION CHANNEL IS COMPLETED, THEN THE RRAPP LEVEL SPREADER SHALL BE REMOVED AND THE CONNECTION TO THE DAM DIVERSION CHANNEL SHALL BE COMPLETED.
- CONSTRUCT STA. 25+00 TO 28+00 OF THE HUNTS BROOK TEMPORARY DIVERSION CHANNEL. PUMP FLOWS FROM HUNTS BROOK TO A RRAPP DEWATERING BASIN AS SHOWN ON SHEET 10.
- DIVERT HUNTS BROOK TO THE SANDY BROOK DIVERSION CHANNEL. PRIOR TO THE DIVERSION OF HUNTS BROOK ALL CHECK DAMS AND SILT FENCING SHALL BE REMOVED FROM THE CHANNEL.
- CONSTRUCTION OF THE SANDY BROOK DIVERSION CHANNEL FROM STA. 8+00 TO STA. 8+00.
- THE SANDY BROOK DIVERSION CHANNEL SHALL BE COMPLETED FROM STA. 8+00 TO STA. 8+00, TO INCLUDE SEEDING AND MULCHING THE CHANNEL BOTTOM, THE SIDE SLOPES, AND ALL DISTURBED AREAS ON THE NORTHERLY SIDE OF THE CHANNEL.
- ONCE RESTORATION HAS BEEN ESTABLISHED IN THE CHANNEL, CONSTRUCT STA. 8+00 TO 7+00 OF THE SANDY BROOK DIVERSION CHANNEL. IF NECESSARY, PUMP FLOWS FROM HUNTS BROOK TO A RRAPP DEWATERING BASIN.
- DIVERT THE SANDY BROOK TO THE SANDY BROOK DIVERSION CHANNEL. PRIOR TO THE DIVERSION OF THE SANDY BROOK ALL CHECK DAMS AND SILT FENCING SHALL BE REMOVED FROM THE CHANNEL.
- PHASE I CONSTRUCTION WILL CONSIST OF REMOVAL APPROXIMATELY 120,000 CY OF MATERIAL.

LIST OF EAS SUPPLIES TO BE KEPT ON SITE PHASE I TO PROJECT COMPLETION

- 500 LF OF SILT FENCE
- 100 HAYBALES
- 30 CY OF WOOD CHIPS
- 30 CY OF MOORF RRAPP

EMERGENCY SPILL CONTINGENCY PLAN

- EVALUATION PREVENTION TEAM**
THE OWNER AND CONTRACTOR WILL BE RESPONSIBLE FOR CARRYING OUT THE PROVISIONS OF THIS PLAN. ROBERT SCHACHT 860-912-2392
JOHN LEONARD JR. 860-488-8111
PAUL STONE 860-812-7900
- SPILLED SPILL CLEANUP CONTRACTOR:** CLEAN HARBORS ENVIRONMENTAL SERVICES 203-878-1740
- LEAK OR ACCIDENTAL DISCHARGE**
COMPLY WITH STATE AND FEDERAL REGULATIONS TO CONTAIN AND CLEAN UP ANY SPILL OR DISCHARGE AND DISPOSE OF MATERIALS AT AN APPROVED FACILITY.
CONTACT CONNECTICUT DEP OIL AND CHEMICAL SPILL RESPONSE DIVISION (800) 424-3336
IN THE EVENT A SPILL OCCURS THE FOLLOWING STEPS SHOULD BE PERFORMED AS SOON AS POSSIBLE:
A. STOP THE SOURCE OF THE SPILL
B. CONTAIN THE SPILL
C. COVER SPILL WITH ABSORBENT MATERIAL SUCH AS OIL ABSORBENT PADS. DO NOT USE STRAW.
D. DISPOSE OF ABSORBENT IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
OIL ABSORBENT PADS SHALL BE KEPT ON SITE AT ALL TIMES & STORED WITHIN THE FUELING STATION.
- THIS EMERGENCY SPILL CONTINGENCY PLAN MUST BE PROMINENTLY POSTED AT THE EXCAVATION SITE IN THE AREA OF THE FUELING STATION DURING ALL PHASES OF EXCAVATION.

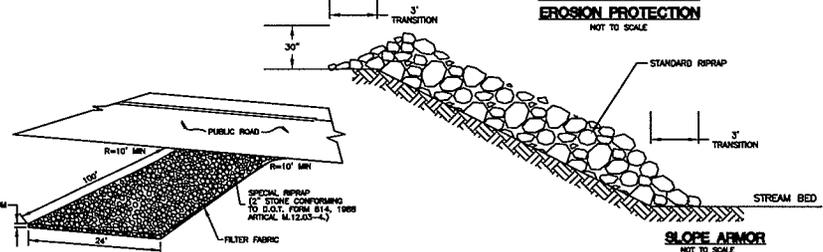


CONSTRUCTION NOTES:

- SILT FENCE FILTER CLOTH TO BE SECURELY FASTENED TO GRADE STAKE WITH STAKES, 6\"/>

HAY-BALE/SILT FENCE EROSION PROTECTION

NOT TO SCALE



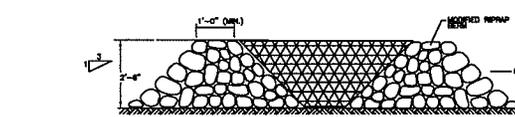
SLOPE ARMOR

NOT TO SCALE

NOTE: THE PLACEMENT OF THE RRAPP SHALL BE SUPERVISED BY A QUALIFIED ENGINEER AND INSTALLED IN ACCORDANCE WITH THE INWRITIVE. THE ROCK SHALL BE PLACED TO PROTECT THE EXISTING VEGETATION NOT TO DESTROY IT. THEREFORE IT MUST BE PLACED CAREFULLY. INSTALLATION IS TO BE DONE DURING LOW FLOW SEASON - JULY OR AUGUST.

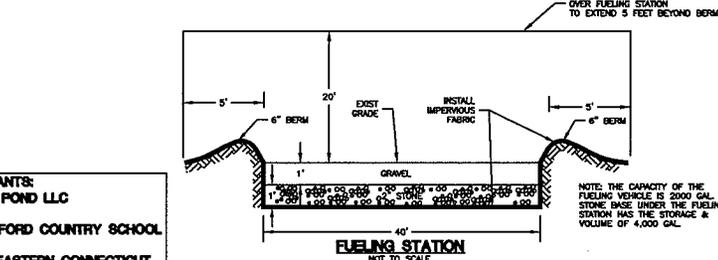
ANTI-TRACKING PAD

NOT TO SCALE



STONE / WOODCHIP CHECK DAM

NOT TO SCALE



FUELING STATION

NOT TO SCALE

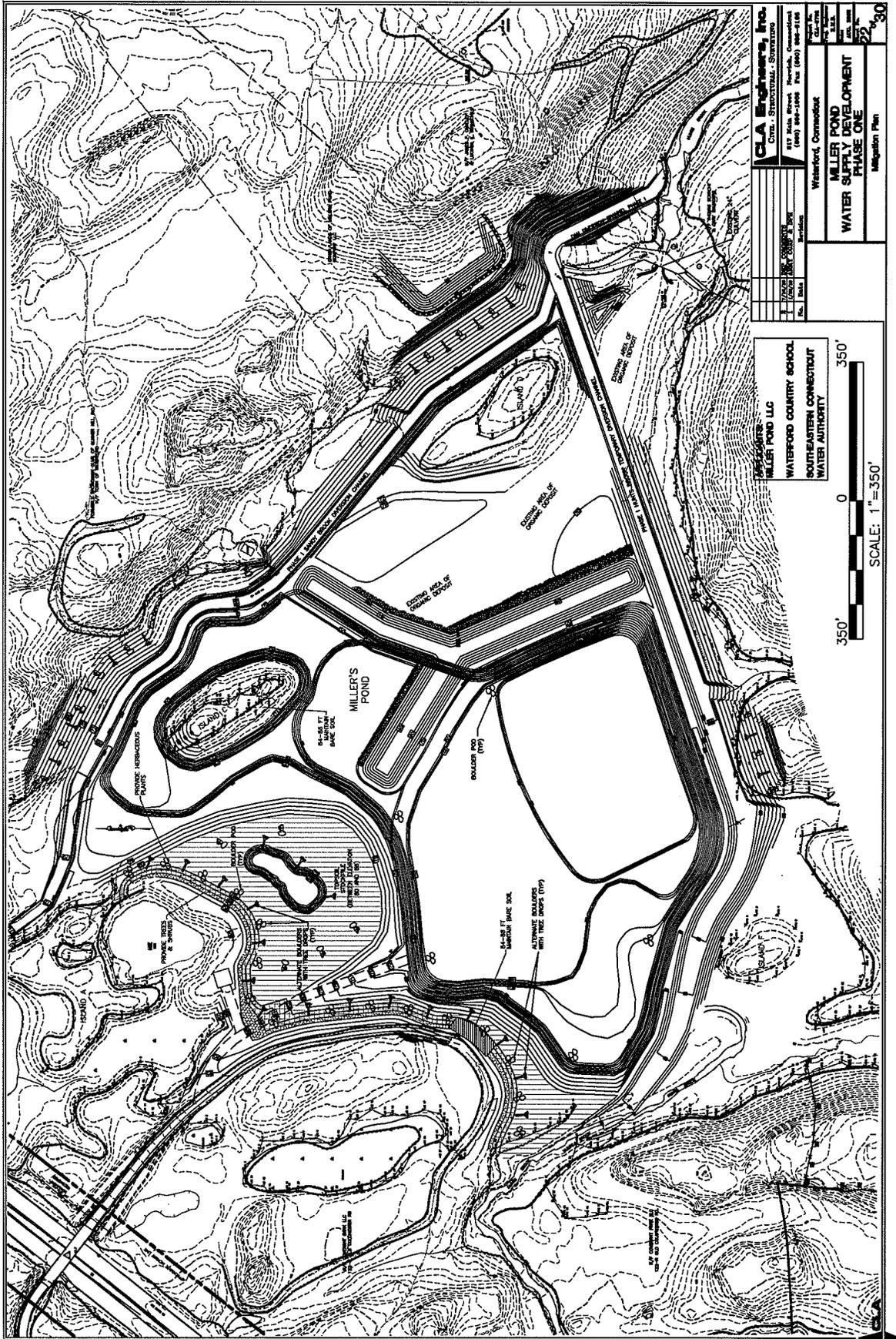
APPLICANTS:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY

FILTER BARRIER INSTALLATION & MAINTENANCE

- DO A 6\"/>

No.	Date	Revised
3	1/14/11	NEP COMMENTS
3	1/26/11	ASMT CORP E-REPR
1	1/26/11	NEP COMMENTS 7/28/09

CLA Engineers, Inc. CIVIL - STRUCTURAL - SURVEYING	
817 Main Street Waterford, Connecticut (860) 860-1000 Fax (860) 860-9100 e-mail: CLAengr@comcast.net	Project No. CLA-0706 Date 11/11/10 Scale AS SHOWN
Waterford, Connecticut	
MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE	
Phase I - E & S Details & Notes	

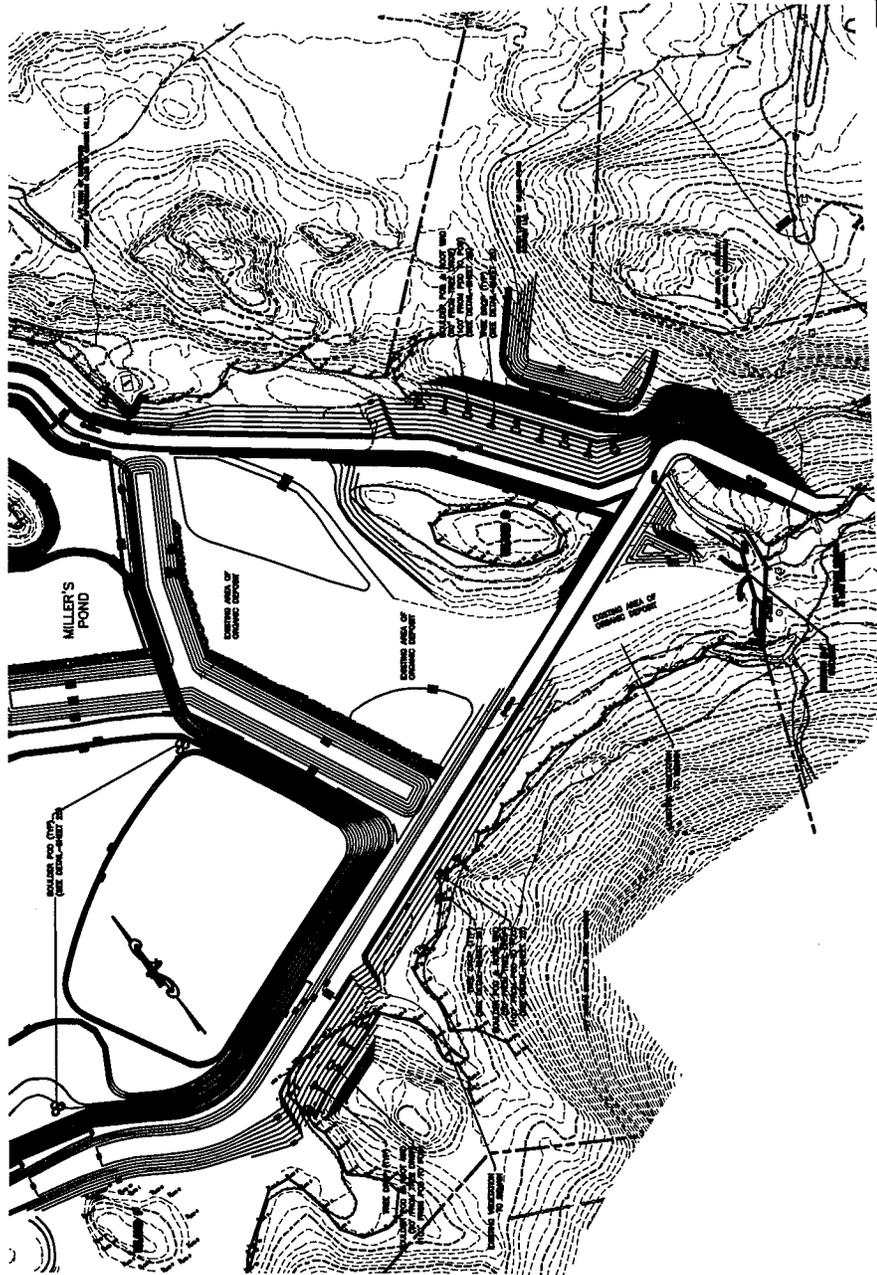


CLA Engineers, Inc.	
Civil, Structural - Surveying	
817 North Street, Waterford, Connecticut	
(405) 866-1500 Fax: (405) 866-1100	
Waterford, Connecticut	
No.	Date
1	1/27/00
2	2/10/00
3	2/10/00
4	2/10/00
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30	2/10/00

MILLER POND LC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY

350' 0 350'
 SCALE: 1" = 350'

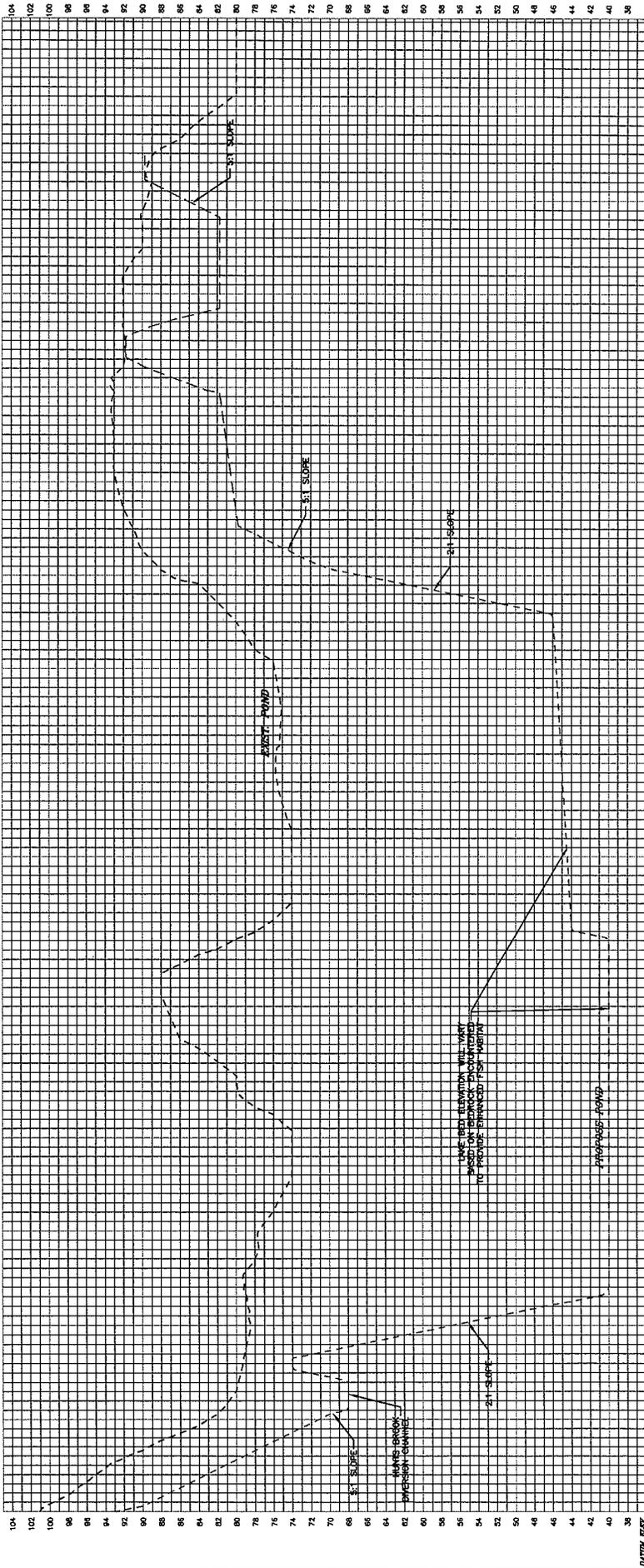
MILLER POND
WATER SUPPLY DEVELOPMENT
PHASE ONE
 Migration Plan



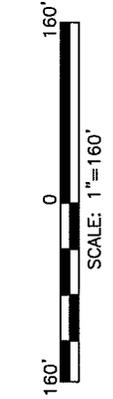
CLA Engineers, Inc. Civil, Mechanical, Electrical	
107 Main Street Newbury, Connecticut (860) 386-1100 Fax: (860) 386-1108	Project No. 04-130
Waterford, Connecticut	Client
MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE	Map No. 04-130
Waterford, Connecticut	Revision



PREPARED BY:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHWESTERN CONNECTICUT
WATER AUTHORITY

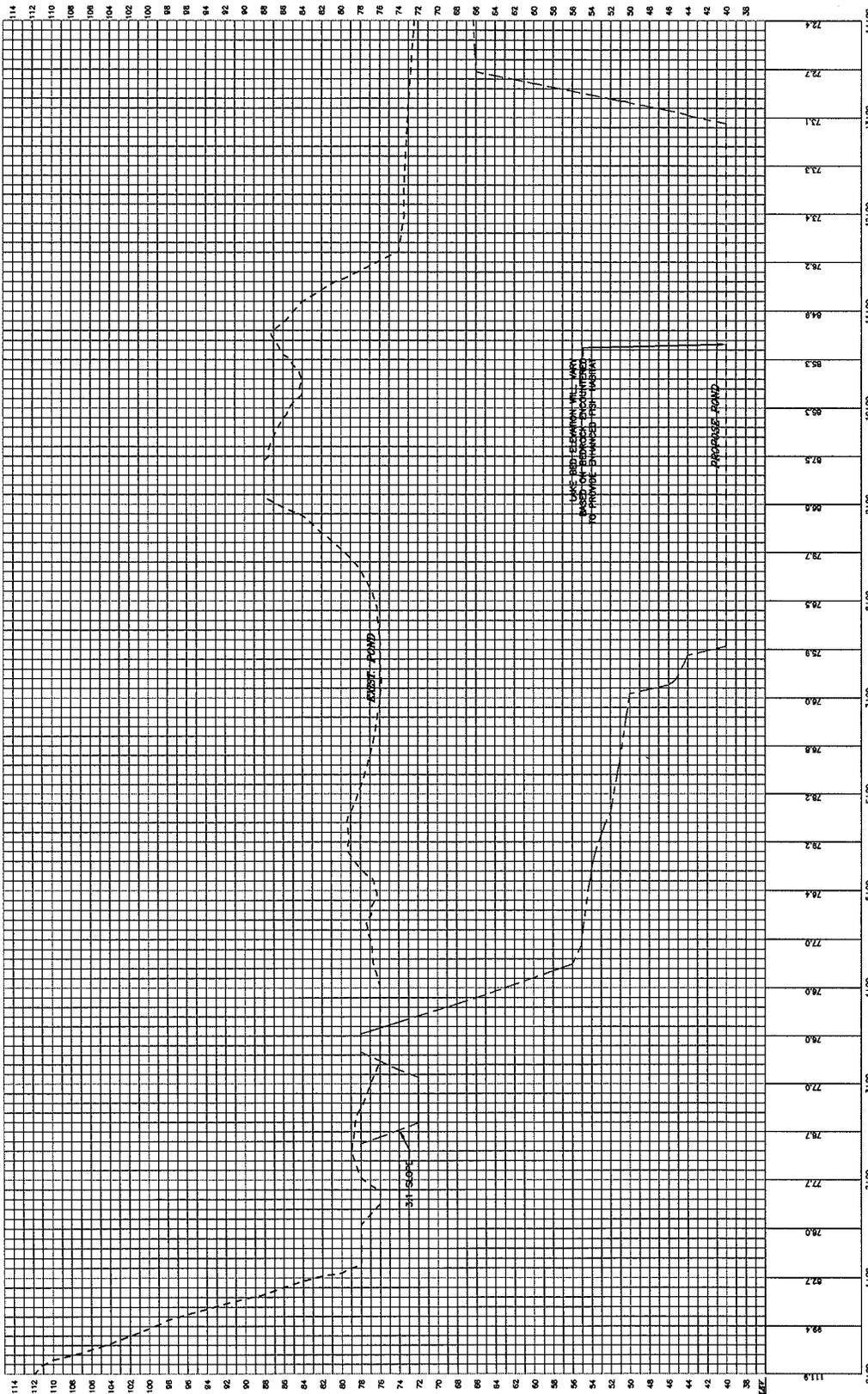


PROFILE - SECTION A-A



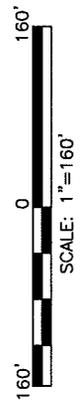
APPLICANTS
 MILLER POND LLC
 WATERFORD COUNTRY SCHOOL
 SOUTHEASTERN CONNECTICUT
 WATER AUTHORITY

CLA Engineers, Inc. CIVIL - STRUCTURAL - SURVEYING 1875 Main Street, Waterford, Connecticut (860) 946-1000 Fax: (860) 946-8100	
No.	Date
Waterford, Connecticut MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE Profile - Section A-A	
27 of 30	



PROFILE CONTINUED ON SHEET 29

PROFILE - SECTION B-B
SCALE 1"=160' HORIZONTAL
SCALE 1"=160' VERTICAL

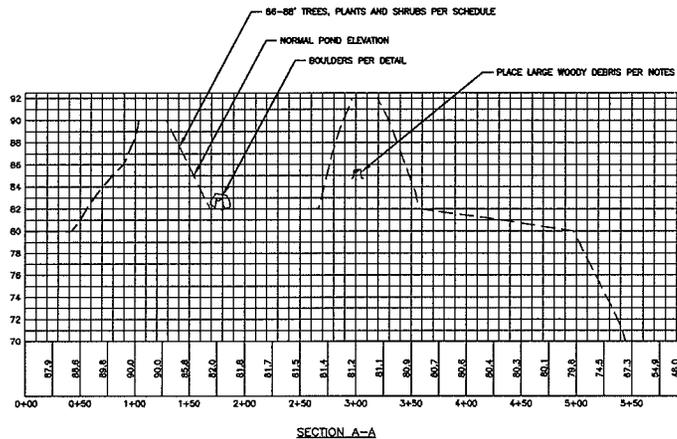


APPLICANTS:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT
WATER AUTHORITY

CLA Engineers, Inc.
CIVIL - STRUCTURAL - SURVEYING
817 Main Street
Waterford, Connecticut
(860) 866-1100 Fax: (860) 866-8100

Project No. _____
Contract No. _____
Sheet No. _____

Waterford, Connecticut
**MILLER POND
WATER SUPPLY DEVELOPMENT
PHASE ONE**
Profile - Section B-B



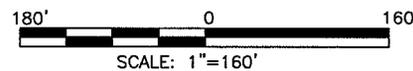
Restoration Area Planting Schedule

Name	NRI Wetland Indicator Status	Quantity/Description	Functions/Benefits	
Trees				
Red maple (<i>Acer rubrum</i>)	Facultative Wetland	Trees to total 400 per acre	Wetland habitat	86-88 FT
Pin oak (<i>Quercus palustris</i>)	Facultative Wetland	Trees to total 400 per acre	Wetland habitat and food source	86-88 FT
Shrubs				
Winterberry holly (<i>Ilex verticillata</i>)	Facultative Wetland	Shrubs and trees to total 800 per acre	Soil stabilization, wildlife cover, aesthetics	
Highbush blueberry (<i>Vaccinium corymbosum</i>)	Facultative Wetland	Shrubs and trees to total 800 per acre	Highbush blueberry food source, aesthetics	
Alder (<i>Alnus rugosa</i>)	Facultative Wetland	Shrubs and trees to total 800 per acre	Soil stabilization, wildlife habitat	86-88 FT
Cornberry (<i>Viburnum trilobum</i>)	Facultative Wetland	Shrubs and trees to total 800 per acre	Wild food source & food source	86-88 FT
Plants				
Pool Manna Grass (<i>Cyperus canadensis</i>)	Outgoing	3 ft on center	Erod cover and food	
Tussock sedge (<i>Carex stricta</i>)	Outgoing	3 ft on center	Outlook to establish, wildlife cover, erosion control	
Canada reed (<i>Juncus canadensis</i>)	Outgoing	3 ft on center	Erosion control, wildlife food and cover	
Pickeringweed (<i>Phytolacca Corollata</i>)	Outgoing	3 ft on center	Wildlife cover, aesthetics 84'-88'	
Arrow Arum (<i>Peltandra Virginia</i>)	Outgoing	3 ft on center	Wildlife cover, water quality 84'-88'	
Seedmix				
New England Wetlands	Variable	1 lb./ 2500 s.f. Seed mix to be broadcast over wetland area	Soil stabilization, establish herbaceous wetland plants	

Upland Enhancement Area Planting Schedule

Name	NRI Wetland Indicator Status	Quantity/Description	Functions/Benefits
Trees			
Red maple (<i>Acer rubrum</i>)	Facultative Wetland	Trees to total 400 per acre	Wetland habitat
White Pine	Facultative Wetland	Trees to total 400 per acre	Wetland habitat and food source

APPLICANTS:
MILLER POND LLC
WATERFORD COUNTRY SCHOOL
SOUTHEASTERN CONNECTICUT WATER AUTHORITY



CLA Engineers, Inc. CIVIL - STRUCTURAL - SURVEYING 817 Main Street, Norwich, Connecticut (860) 888-1000 Fax (860) 888-8100		
Project No. 17-075	Date 1/24/14	
Client AMT, INC.	Revision 30	
Waterford, Connecticut MILLER POND WATER SUPPLY DEVELOPMENT PHASE ONE Mitigation Plan - Profile		