



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

PUBLIC NOTICE

Comment Period Begins: May 4, 2010
Comment Period Ends: June 4, 2010
File Number: NAE-2010-499
In Reply Refer To: Barbara Newman
Phone: (978) 318-8515
E-mail: Barbara.H.Newman
@usace.army.mil

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

APPLICANT Town of Windsor

ACTIVITY This project involves the construction of a retaining wall and placement of erosion control matting for embankment stabilization. This work occurs in a FEMA floodway.

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in Meadow Brook at White Rock Drive, Windsor, Connecticut. The proposed location on the USGS Hartford- North quadrangle sheet is at 41.810° Lat, and -72.673° Long.

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).

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.

SECTION 106 COORDINATION Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s)

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

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

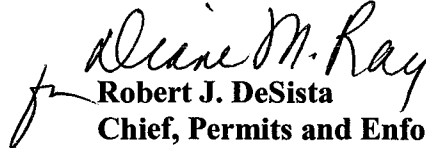
In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Barbara Newman at (978) 318-8515, (800) 343-4789 or (800) 362-4367, if 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.

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.


Robert J. DeSista
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 flow of Meadow Brook adjacent to the properties located at #168 and #176 White Rock Drive has eroded portions of the embankments. The existing measures to stabilize the embankments are failing, including the collapse of a retaining wall along the easterly embankment. Retaining wall debris and vegetative growth are restricting the natural channel of Meadow Brook. The purpose of this project is to improve the eroding conditions of the embankments of Meadow Brook and to increase the hydraulic capacity of the channel in order to prevent flooding.

The project includes the discharge of fill material for the following work:

Easterly Embankment:

Removal of the eroded portion of the embankment of Meadow Brook and replacement with an 84' long precast concrete block retaining wall. The wall will be constructed up to the rear of the existing house with a top elevation of 54 feet replacing all slopes in excess of 2:1. The remaining embankment will be stabilized with the placement of riprap and erosion control matting. Portions of the channel restricted by the existing retaining wall debris and vegetative growth will be regraded to improve natural low-flow conditions.

Westerly Embankment:

Consists of placement of an 84' long precast concrete block retaining wall. The wall will be constructed up to an elevation of 55 feet to reduce the slope of the abutting property side yard. The remaining embankment will be stabilized with the placement of riprap and erosion control matting. Portions of the channel restricted by vegetative growth will be regraded to improve natural low-flow conditions.

Construction is anticipated to commence in the spring and be completed in the summer, a total duration of close to 8 weeks. Work on the Brook will be done as a phased approach. A temporary cofferdam will be installed in the brook, to maintain a 5' wide low flow channel during construction, and to allow for debris and vegetative growth removal and installation of the retaining walls. Dewatering of water remaining on the "dry side" will be sent to the dewatering basin #1. The application states that during storm events greater than the average spring flow, the temporary facility will be overtopped, minimizing the increase in flooding potential of Meadow Brook upstream of the site. Best management practises, such as silt fences, hay bales or other devices, will be implemented prior to construction and maintained or replaced throughout the construction period. Excess sediment collected by these devices will be removed and disposed off-site.

Temporary Impacts

There will be an approximate 0.03 acres of temporary impacts expected for the placement of erosion and sedimentation controls, temporary facilities and dewatering activities.

Direct Impacts

There will be 0.027 acres of direct impacts for the installation of precast concrete block retaining walls, slope stabilization and associated grading.

Alternatives considered were no action, and the use of rip rap in place of erosion control matting. The "no action" alternative would not alleviate the erosion and flooding that occurs, and an addition of riprap on the banks would negatively impact the embankment by increasing the hard surfaces used to control erosion.

CENAE-R
FILE NO. NAE-2010-499

The work is described on the enclosed plans entitled "Meadow Brook Stabilization, White Rock Drive, Windsor, CT, Prepared for Town of Windsor," on seven (7) sheets, and dated "Jan 2010" with revisions through "Apr 2010".

MITIGATION

The applicant states that the slope stabilization is designed to reduce the amount of riprap and hard surfaces through the use of erosion control matting and wetland plantings. To compensate for any losses in wetland plants during construction, local native wetland plantings will be used to re-establish the wetland community on the banks after construction is completed.

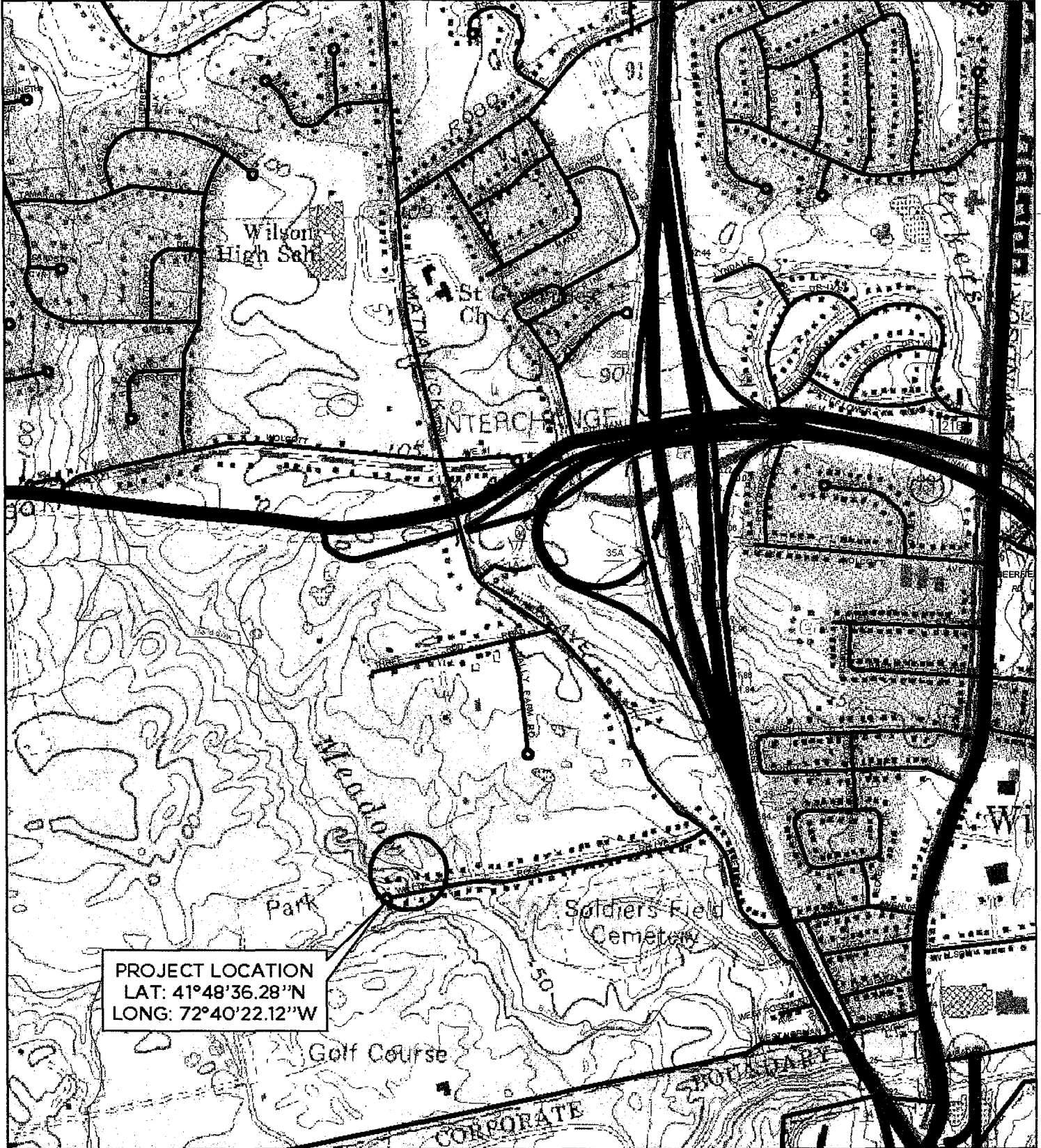


ANCHOR
ENGINEERING SERVICES, INC.

41 Sequin Drive
Glastonbury, CT 06033
Phone: (860) 633-8770
Fax: (860) 633-5971

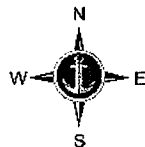
MEADOW BROOK STABILIZATION

WHITE ROCK DRIVE, WINDSOR, CT
PREPARED FOR TOWN OF WINDSOR



PROJECT LOCATION
LAT: 41°48'36.28"N
LONG: 72°40'22.12"W

USGS TOPO
QUAD #37
NORTH HARTFORD



SCALE: 1"=1000'

FIGURE
VICINITY MAP: 1 of 6

PROJECT 204-53	DATE JAN 2010
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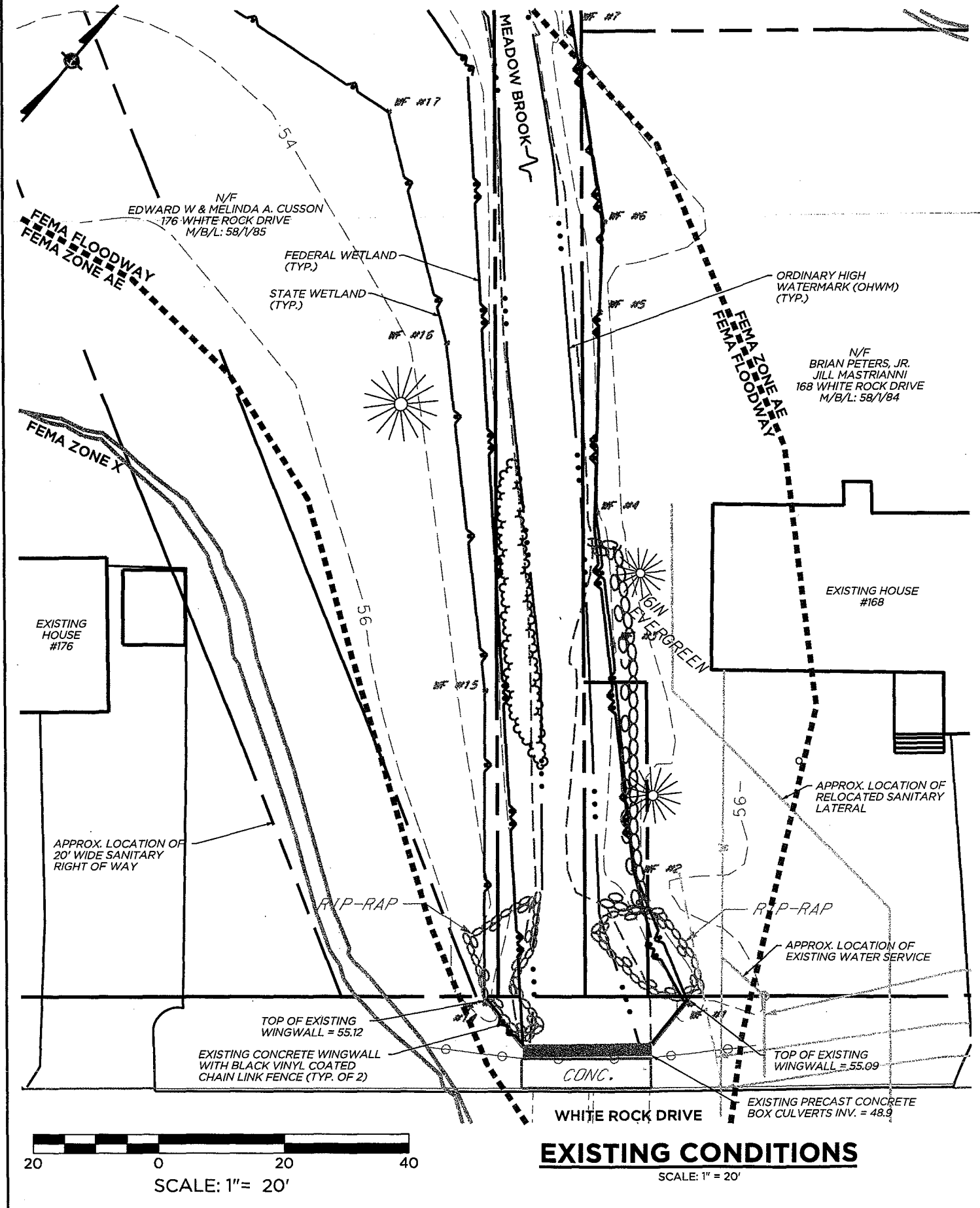
MEADOW BROOK STABILIZATION

AT WHITE ROCK DRIVE, WINDSOR, CT
PREPARED FOR TOWN OF WINDSOR

FIGURE 2 OF 7

PROJECT	DATE
204-53	APR 2010

Civil Engineering • Environmental Consulting • Land Surveying • Construction Management





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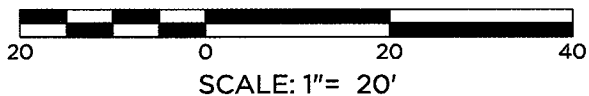
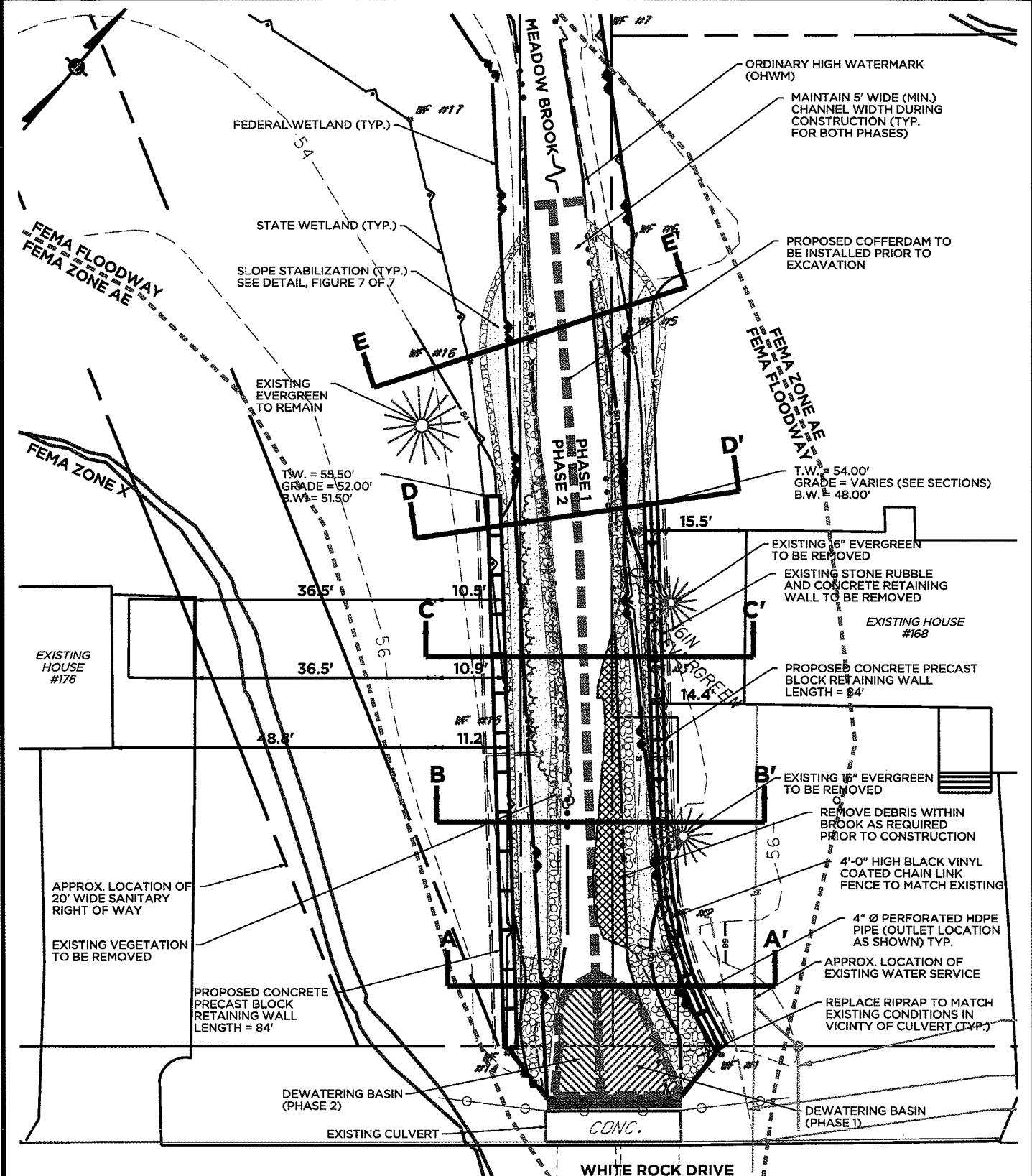
Civil Engineering • Environmental Consulting • Land Surveying • Construction Management

MEADOW BROOK STABILIZATION

AT WHITE ROCK DRIVE, WINDSOR, CT
PREPARED FOR TOWN OF WINDSOR

FIGURE 3 OF 7

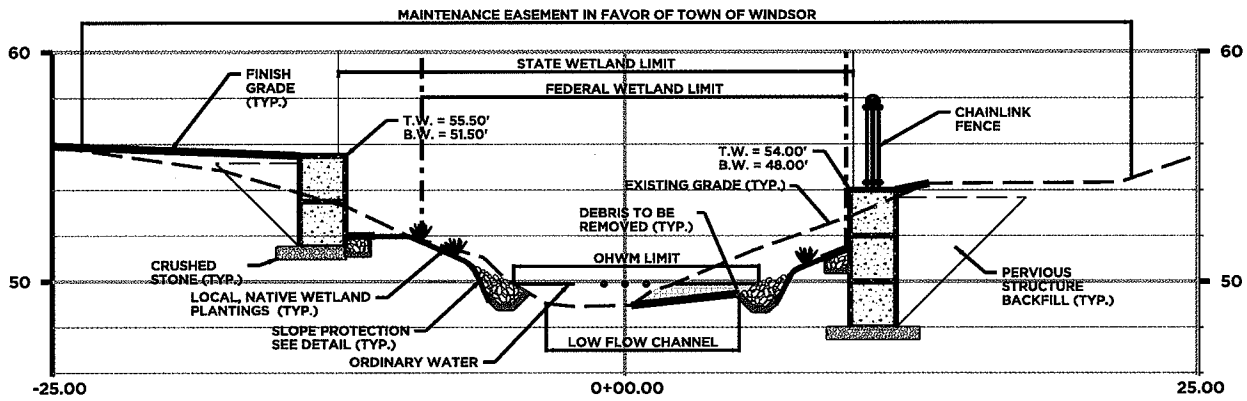
PROJECT	DATE
204-53	APR 2010



SITE PLAN

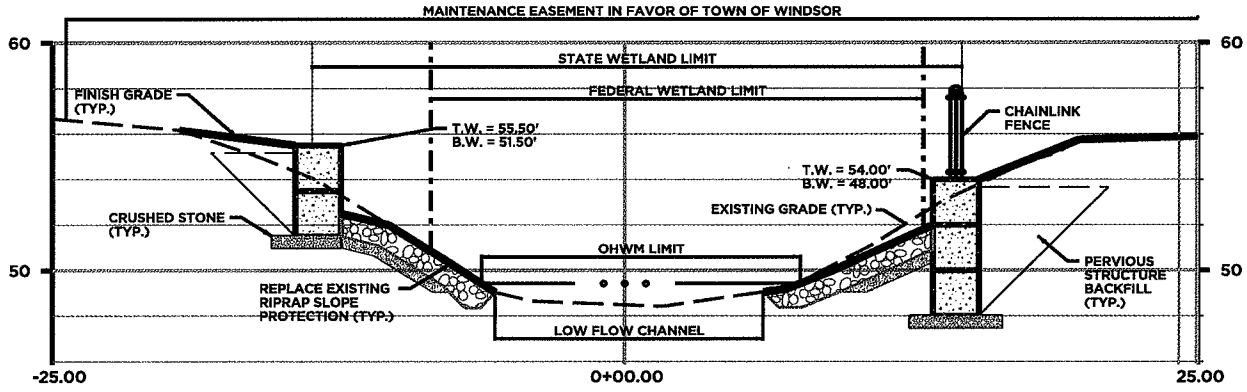
SCALE: 1" = 20'

NOTE: REVISED 04/30/10 TO INCORPORATE ACOE COMMENTS



SECTION B - B'

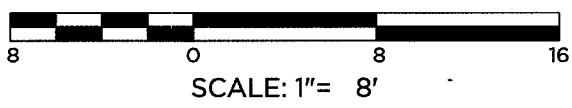
SCALE: 3/8" = 1'-0"




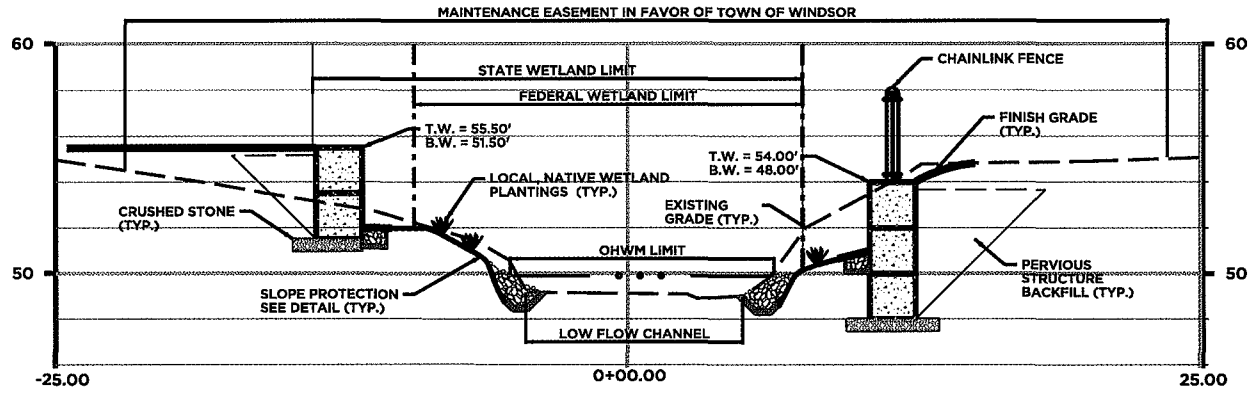
SECTION A - A'

SCALE: 3/8" = 1'-0"

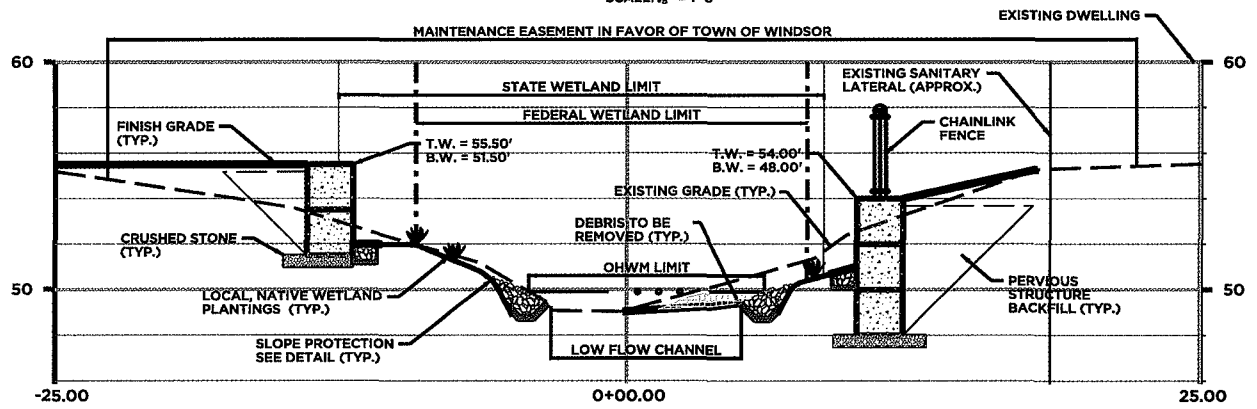
MAP REVISION NOTE: 04/16/10



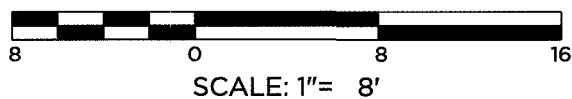
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PROJ. ENGINEER PROJ. MANAGER OFFICE REVIEW		MEADOW BROOK STABILIZATION PREPARED FOR TOWN OF WINDSOR SECTIONS A-A' & B-B' WHITE ROCK DRIVE WINDSOR, CT	
REVISIONS 04/30/10			
PROJECT 204-53	DATE APR 2010	SHEET NO. 4 OF 7	SCALE: AS NOTED



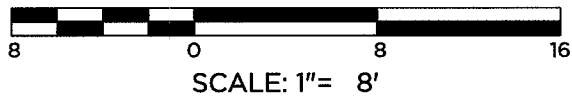
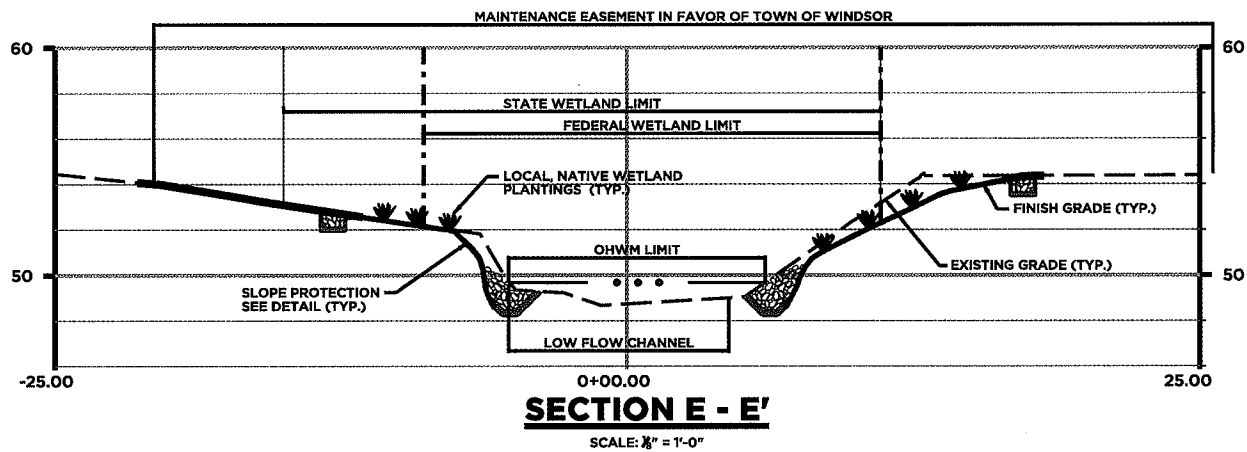
SECTION D - D'
SCALE: 1/8" = 1'-0"



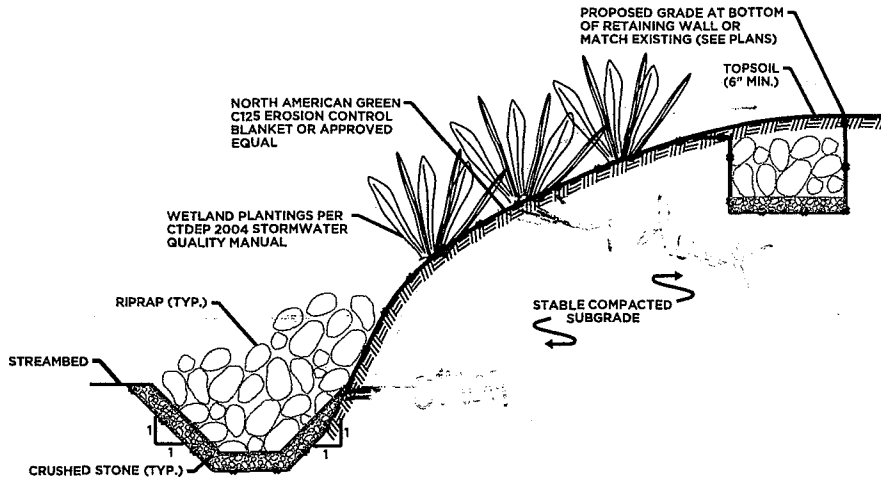
SECTION C - C'
SCALE: 1/8" = 1'-0"



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		<p>PROJ. ENGINEER</p> <p>PROJ. MANAGER</p> <p>OFFICE REVIEW</p>	
<p>REVISIONS</p> <p>04/30/10</p>		<p>MEADOW BROOK STABILIZATION</p> <p>PREPARED FOR TOWN OF WINDSOR</p> <p>SECTIONS C-C' & D-D'</p> <p>WHITE ROCK DRIVE WINDSOR, CT</p>	
<p>PROJECT</p> <p>204-53</p>	<p>DATE</p> <p>APR 2010</p>	<p>SHEET NO.</p> <p>5</p>	<p>OF</p> <p>7</p>
<p>SCALE: AS NOTED</p>			

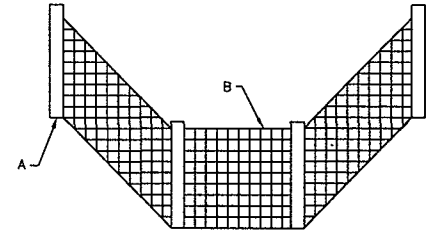


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PROJ. ENGINEER PROJ. MANAGER OFFICE REVIEW		MEADOW BROOK STABILIZATION PREPARED FOR TOWN OF WINDSOR SECTION E-E'	
REVISIONS 04/30/10		WHITE ROCK DRIVE WINDSOR, CT	
SCALE: AS NOTED	PROJECT 204-53	DATE APR 2010	SHEET NO. 6 OF 7

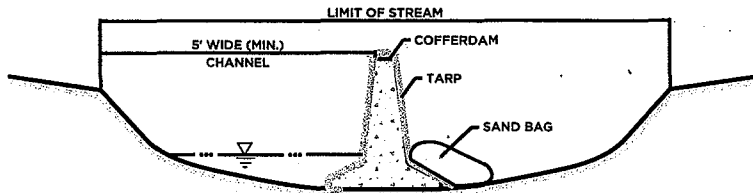
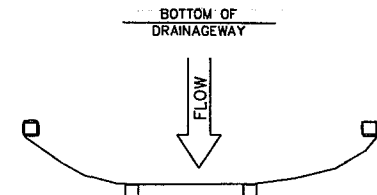


TYPICAL SLOPE STABILIZATION

NOT TO SCALE

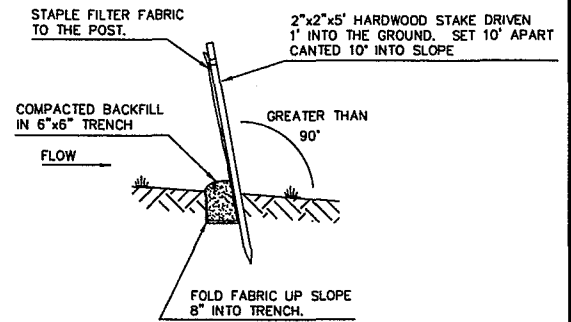


POINT 'A' SHOULD BE HIGHER THAN POINT 'B'



TEMPORARY WATER DIVERSION

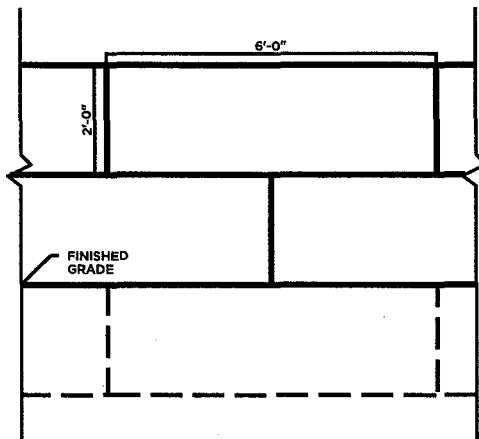
NOT TO SCALE



DETAIL PROVIDED BY TOWN OF WINDSOR ENGINEERING DEPARTMENT.
DETAIL NUMBER: D-102, DATE: FEBRUARY 2009

FILTER FABRIC FENCE FOR EROSION CONTROL

NOT TO SCALE



FRONT VIEW

TYPICAL CONCRETE BLOCK RETAINING WALL

NOT TO SCALE

DETAILS

