



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

15 DAY PUBLIC NOTICE

PUBLIC NOTICE

Comment Period Begins: September 11, 2018

Comment Period Ends: September 26, 2018

File Number: NAE-2016-00357

In Reply Refer To:

Phone: (978) 318-8952

E-mail: taylor.m.bell@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States from City of Milford, Department of Public Works, 83 Ford Street, Milford, Connecticut. This work is proposed in the Housatonic River on Milford Point Road, Milford, Connecticut. The site coordinates are: Latitude 41.180981°N Longitude 073.097389°W.

The work involves the construction of a board walk (7' x 340') and a sidewalk (4' x 340'). Additionally, a 1,100' portion of Milford Point Road will be elevated and a 350' long retaining wall will be installed adjacent to the road. There will also be the replacement of a 12" outfall with an 18" outfall and two 8' wide drainage swales will be created with associated 12" culverts. Approximately 175 cubic yards of material will be discharged below the high tide line in approximately 1,965 square feet of tidal wetlands.

The work is shown on the attached plans entitled "Reconstruction of Milford Point Road a Coastal Resiliency Project" on 11 sheets, and dated "July 18, 2016" and revised "September 16, 2016".

The applicant has stated that the project as avoided and minimized impacts to the maximum extent possible. The applicant has proposed compensatory mitigation in the form of restoring approximately 16,650 square feet of tidal wetlands in conjunction with purchasing Connecticut In-Lieu Fee mitigation credits.

AUTHORITY

Permits are required pursuant to:

- X Section 10 of the Rivers and Harbors Act of 1899
- X Section 404 of the Clean Water 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 U.S. Army Corps of Engineers, New England District (Corps), 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. The Corps will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are

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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.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project will have an adverse effect on .045 acre of EFH. This habitat consists of conglomerate of sand, silt and clay within an estuarine intertidal emergent wetland. Loss of this habitat may adversely affect species that use these waters and substrate. The District Engineer has made a preliminary determination that site-specific impacts may be substantial. Accordingly, the Corps will submit an expanded EFH assessment to National Marine Fisheries Service, who in turn will provide conservation recommendations to the Corps. The Corps has coordinated with the applicant regarding implementation of these recommendations. The EFH consultation will be concluded prior to the final decision.

NATIONAL HISTORIC PRESERVATION ACT

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).

ENDANGERED SPECIES CONSULTATION

The Corps is reviewing the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. Our review will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

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.

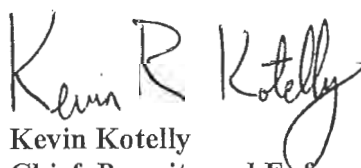
COMMENTS

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 Mr. Taylor Bell at (978) 318-8952, (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.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Kevin Kotelly
Chief, Permits and Enforcement Branch
Regulatory Division

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If you would prefer not to continue receiving Public Notices by email, 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: _____

PHONE: _____

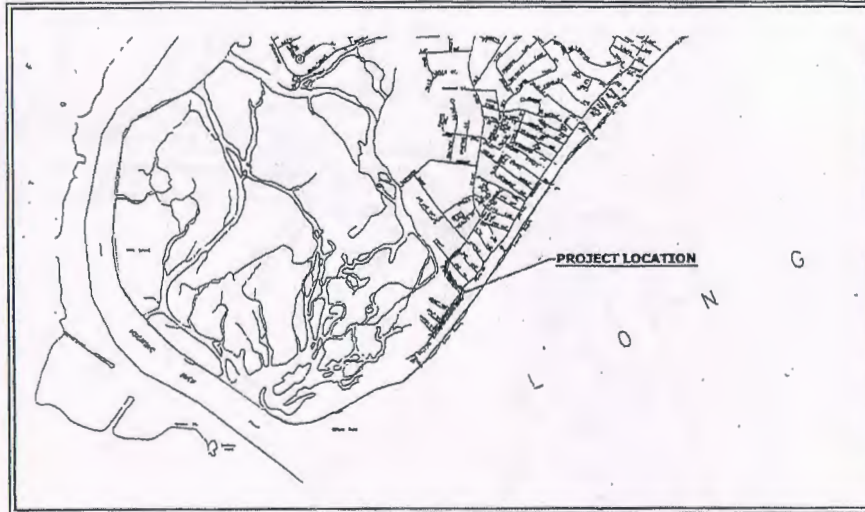
RECONSTRUCTION OF MILFORD POINT ROAD A COASTAL RESILIENCY PROJECT

MILFORD, CONNECTICUT

REGULATORY PERMITTING
JULY 18, 2016
REVISED SEPTEMBER 16, 2016

GENERAL NOTES


1. TOPOGRAPHIC INFORMATION IS BASED UPON FIELD SURVEY CONDUCTED BY MILONE & MACBROOM, INC. IN JUNE AND OCTOBER 2015. (HORIZONTAL DATUM - NAD 83, VERTICAL DATUM NAVD 83). STREETLINE FOR WESTERLY SIDE OF MILFORD POINT ROAD FROM 1ST AVENUE TO SEAVIEW AVENUE IS BASED UPON FIELD SURVEY. ALL OTHER PROPERTY LINES AND STREETLINES HAVE BEEN COMPILED FROM AVAILABLE SOURCES.
2. INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE. AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", (800) 487-4874. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
3. MILONE & MACBROOM INC. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
4. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR, PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY FOR DETERMINATION.
5. SEDIMENT AND EROSION CONTROL MEASURES, AS DEPICTED ON THESE PLANS, SHALL BE IMPLEMENTED PRIOR TO CONSTRUCTION AND MAINTAINED UNTIL PERMANENT COVER STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL. THE DESIGNATED MILFORD INLAND WETLANDS ENFORCEMENT OFFICER SHALL BE NOTIFIED OF ANY SOIL AND EROSION CONTROL MEASURES NOT DEPICTED ON THE PLANS.
6. THE CONTRACTOR SHALL RELOCATE OR ADJUST PRIVATELY OWNED UTILITY SERVICE CONNECTIONS ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE NOTED. THIS WORK SHALL BE PAID FOR UNDER ITEM NO. 1700001A "SERVICE CONNECTIONS". ELEVATIONS OF ALL RELOCATED OR ADJUSTED UTILITIES TO MATCH THE PROPOSED GRADE, UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH APPROPRIATE UTILITY COMPANIES REGARDING RELOCATIONS OF THEIR FACILITIES AND SCHEDULING OF SUCH WORK.
7. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE CITY OF MILFORD REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 816, 2004 AND ADDENDA AND AS SUPPLEMENTED IN THE SPECIAL PROVISIONS.
8. THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING UTILITIES WHEN OPERATING HEAVY MACHINERY SUCH AS VIBRATORY ROLLERS.
9. THE CONTRACTOR SHALL RESET ANY DISTURBED MONUMENTS TO THE PROPER ELEVATION AND LOCATION AT HIS OWN EXPENSE. (THE ENGINEER MUST BE NOTIFIED WHEN THIS IS DONE.)
10. ANY MAINTENANCE OR REPELING OF EQUIPMENT AND VEHICLES SHALL BE PERFORMED AT LEAST 50' FROM WETLANDS OR WATERCOURSES. OIL, GASOLINE, AND CHEMICALS NEEDED AT THE SITE SHALL BE STORED IN A SECONDARY CONTAINER AT LEAST 50' FROM WETLANDS OR WATERCOURSES TO PREVENT CONTAMINATION FROM POSSIBLE LEAKS. CONTRACTOR SHALL HAVE A SPILL KIT ON SITE AT ALL TIMES.
11. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
12. ALL SLOPES OR DISTURBED AREAS ARE TO BE STABILIZED WITH 4" TOPSOIL. TURF MUST BE ESTABLISHED UNLESS OTHERWISE NOTED ON THE PLANS. CONTRACTOR SHALL YORK MAKE TOPSOIL PRIOR TO TURF ESTABLISHMENT. COST OF YORK MAKING SHALL BE INCLUDED IN ITEM "LANDSCAPING AND PLACING TOPSOIL".
13. CALCIUM CHLORIDE TO BE PLACED FOR DUST CONTROL ONLY WHEN ORDERED BY THE ENGINEER.
14. ITEM FOR SILT SACK SHALL BE PAID UNDER "SEDIMENTATION CONTROL SYSTEM AT CATCH BASK".
15. CONTRACTOR SHALL RESET ALL WATER GATE BOXES AND GATE VALVES WITHIN LIMITS OF CONSTRUCTION TO BE PAID FOR UNDER "RESET GATE BOXES".
16. THE CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AND MUST PROVIDE TEMPORARY SUPPORT FOR EXISTING UTILITIES AS REQUIRED TO ACCOMPLISH THE WORK THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK, BUT SUCH WORK SHALL BE INCLUDED IN THE VARIOUS ITEMS COMPRISING THE WORK.
17. FOR CONSTRUCTION STAGING, SEE PROSECUTION AND PROGRESS AND MAINTENANCE AND PROTECTION OF TRAFFIC SPECIAL PROVISIONS.
18. DRIVEWAY PAVING LIMITS SHALL MATCH EX. CONDITIONS. DRIVEWAYS SHALL BE SAWCUT HEAT AND TACK COAT SHALL BE APPLIED PRIOR TO PAVING.



PROJECT SITE VICINITY MAP:



PREPARED BY:

 MILONE & MACBROOM

99 Bailey Drive
Cheshire, Connecticut 06024
(203) 751-1171 Fax (203) 751-8731
www.milone-macbroom.com



Know what's below.
Call before you dig.
www.ct811.com

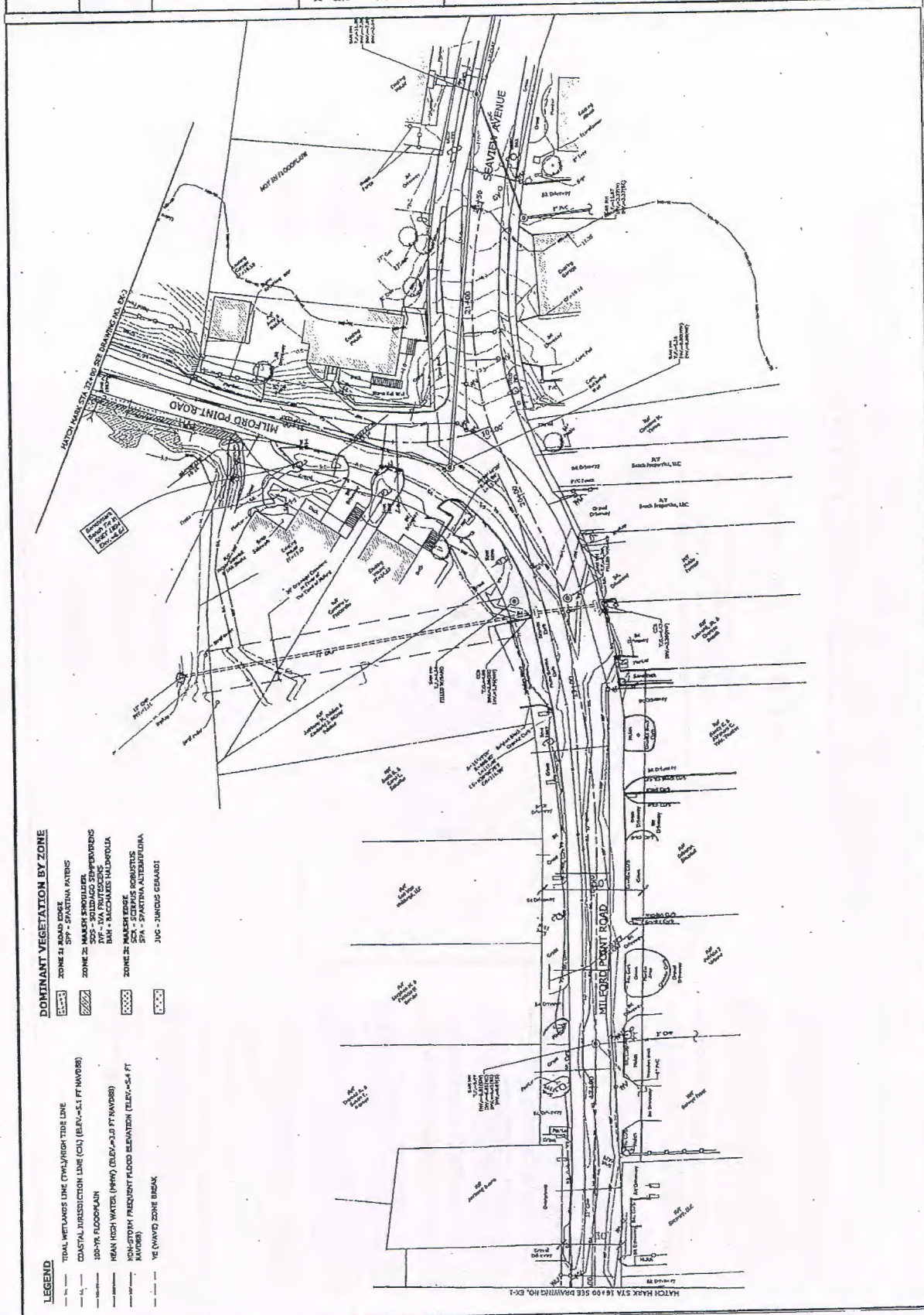
PREPARED FOR:

CITY OF MILFORD
DEPARTMENT OF PUBLIC WORKS
63 FORD STREET
MILFORD, CT 06460

LIST OF DRAWINGS

01	TITLE SHEET
02	NOI PLAN
03	HYDRA SECTIONS
04-07	EXISTING CONDITIONS PLANS
08	BASELINE LAYOUT PLAN
09-10	MISCELLANEOUS DETAILS
11-14	ROADWAY PLANS
15-18	ROADWAY PROFILES
19	INTERSECTION GRADING PLAN
20-22	PLANTING PLANS
23-25	CRITICAL CROSS SECTIONS
26	COASTAL RESILIENCY PLAN





DOMINANT VEGETATION BY ZONE

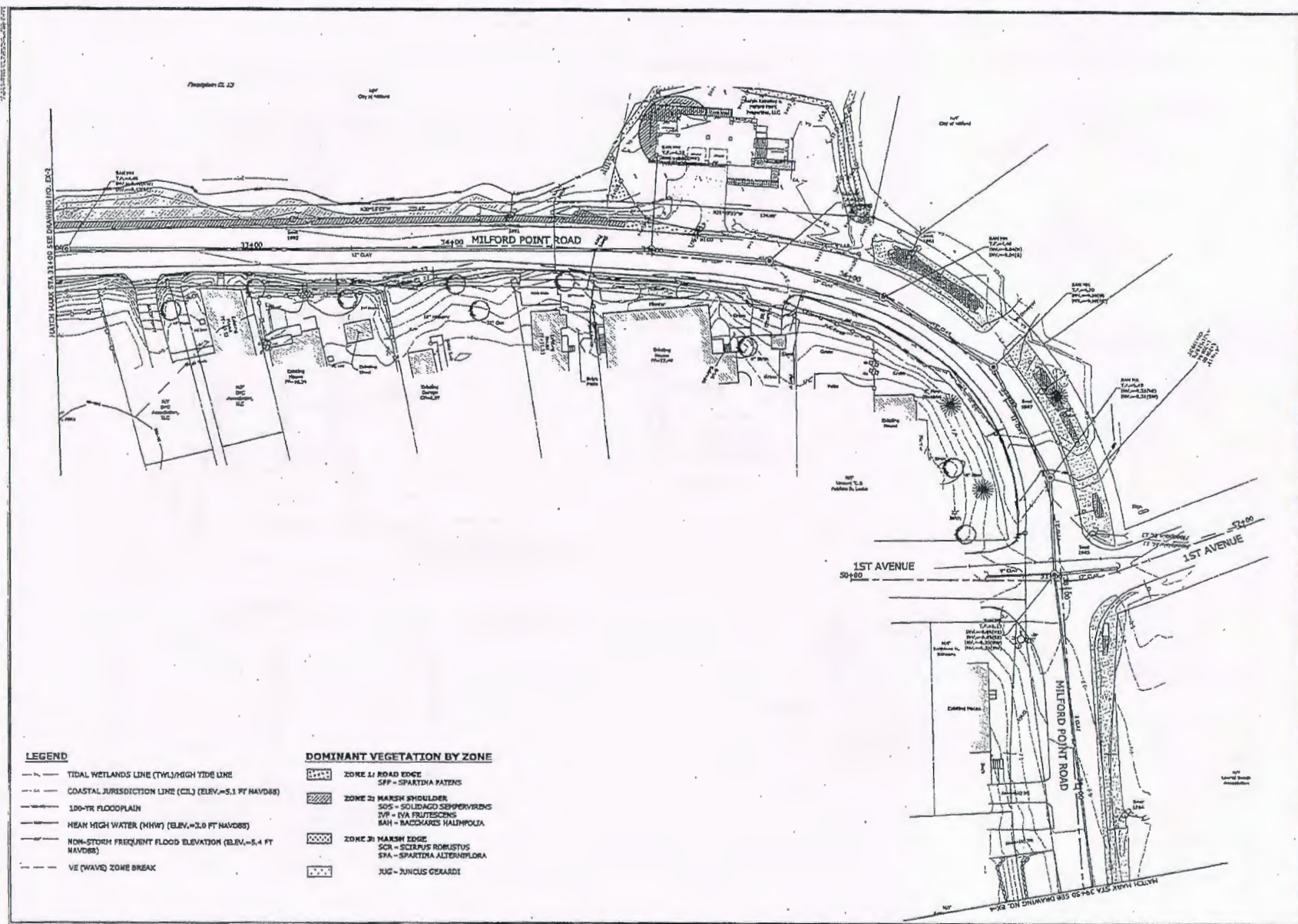
ZONE 1: ROAD EDGE
 SP - SPARTINA PATENS
 ZONE 2: MALESIA SPINDLE SH. STYMPHOIDES
 NYF - NYA FRUTESCENS
 BH - BACCHARIS HALIMIFOLIA
 ZONE 3: MALESIA EDGE
 SC - SCIRPUS MARGINATUS
 SPA - SPARTINA PATENS
 JUC - JUNCOE COMBUSTI

LEGEND

--- TOTAL WETLANDS LINE (TWL/HIGH TIDE LINE)
 --- COASTAL INUNDATION LINE (CIL) (ELEV. +5.1 FT NAVD83)
 --- 100-YR FLOODPLAIN
 --- MEAN HIGH WATER (MHW) (ELEV. +3.0 FT NAVD83)
 --- NON-STREAM FREQUENT FLOOD ELEVATION (ELEV. +5.4 FT NAVD83)
 --- VE (WATER ZONE BREAK)

MILFORD & MACBROOM
 39 ECHO DRIVE
 CHESHAM, CONNECTICUT 06412
 (860) 261-1171 FAX (860) 261-7755
 www.milfordandmacbroom.com

NO.	DESCRIPTION	DATE	BY



- LEGEND**
- TIDAL WETLANDS LINE (TWL)/HIGH TIDE LINE
 - COASTAL JURISDICTION LINE (CJL) (ELEV.=5.1 FT NAVD88)
 - 100-YR FLOODPLAIN
 - NEAR HIGH WATER (NHW) (ELEV.=3.0 FT NAVD88)
 - NON-STORM FREQUENT FLOOD ELEVATION (ELEV.=5.4 FT NAVD88)
 - VE (WAVE) ZONE BREAK

- DOMINANT VEGETATION BY ZONE**
- | | |
|-----------|--------------------------|
| [Pattern] | ZONE 1: ROAD EDGE |
| | SFP - SPARTINA PATENS |
 - | | |
|-----------|-------------------------------|
| [Pattern] | ZONE 2: MARSH SHOULDER |
| | SSS - SOLIDAGO SEROTENENSIS |
| | JVP - JVA FRUTESCENS |
| | BAH - BACCHARIS HALIMIFOLIA |
 - | | |
|-----------|-----------------------------|
| [Pattern] | ZONE 3: MARSH EDGE |
| | SCR - SCIRPUS ROBUSTUS |
| | SFA - SPARTINA ALTERNIFLORA |
 - | | |
|-----------|-----------------------------|
| [Pattern] | JUG - JUNCUS CEREADE |
|-----------|-----------------------------|

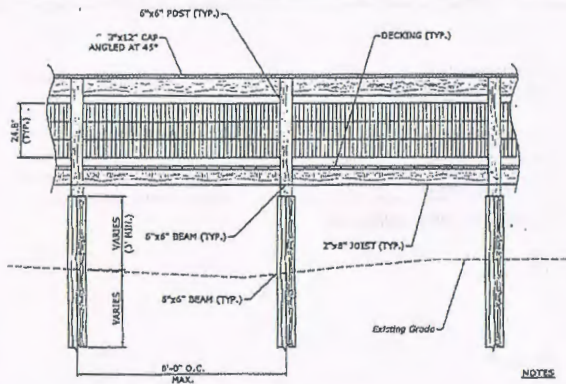
MILONE & MACBROOM
 2500 Main Street, Suite 200
 Milford, CT 06460
 (860) 346-1177 • (860) 375-9771
 www.milone-macbroom.com

DESCRIPTION	DATE	BY

EXISTING CONDITIONS PLANS
RECONSTRUCTION OF MILFORD POINT ROAD
 MILFORD POINT ROAD
 MILFORD, CONNECTICUT

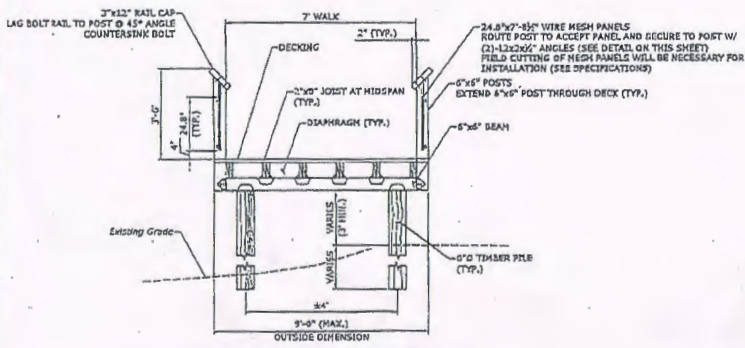
J/M/A	S/M/B	A/A/C
1"=20'		
SEPTEMBER 14, 2016		
SHEET 06 OF 27		
DC-3		

06

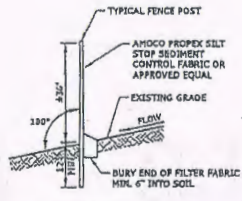


BOARDWALK ELEVATION
SCALE: 1/4"=1'-0"

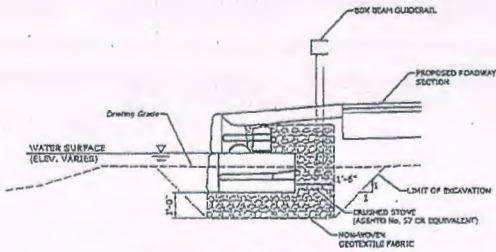
NOTES
1. BOARDWALK DECKING SHALL BE
TIMBER, TRICK, OR EQUAL.



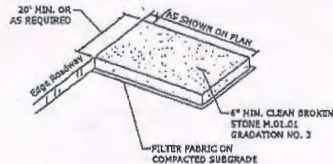
TYPICAL BOARDWALK SECTION
SCALE: NOT TO SCALE



SILT FENCE
NOT TO SCALE

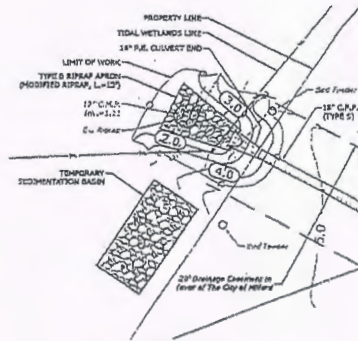


TYPICAL MODULAR BLOCK WALL SECTION
SCALE: 1/4"=1'-0"

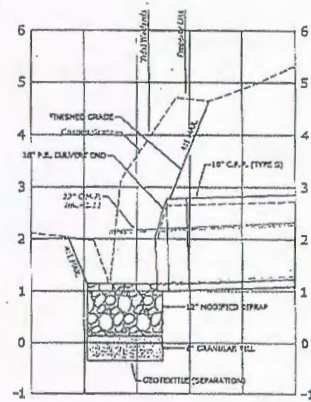


NOTE
PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS
WHICH PROMOTE VEHICULAR TRACKING OF HUD.

ANTI-TRACKING PAD
HOW TO SCALE

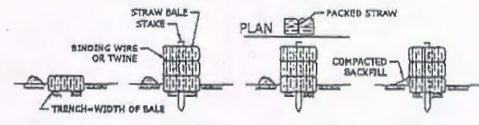


PLAN

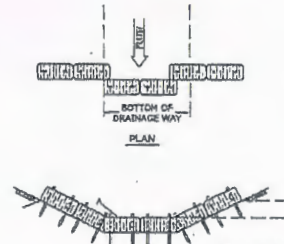


PROFILE

OUTFALL AT 140 MILFORD POINT ROAD DETAIL
SCALE: 1\"/>



1.) EXCAVATE A TRENCH 4" DEEP AND THE WIDTH OF A STRAW BALE.
2.) PLACE AND STAKE STRAW BALES, TWO STAKES PER BALE.
3.) WEDGE LOOSE STRAW BETWEEN BALES TO CREATE A CONTINUOUS BARRIER.
4.) BACKFILL AND COMPACT THE EXCAVATED SOIL AS SHOWN ON THE UPHILL SIDE OF THE BARRIER TO PREVENT PIPING.



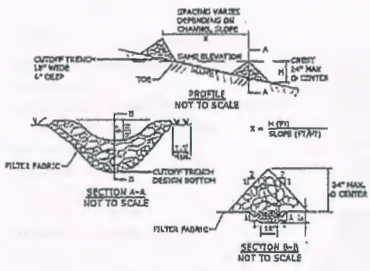
PLACEMENT & CONSTRUCTION OF
A STRAW BALE BARRIER
HOW TO SCALE

MILONE & MACBROOM
1600 New Britain Ave.
Hartford, CT 06105
(860) 442-1515 Fax: (860) 442-2373
www.milone-macbroom.com

DATE	BY

MISCELLANEOUS DETAILS
RECONSTRUCTION OF MILFORD POINT ROAD
MILFORD POINT ROAD
HARTFORD, CONNECTICUT

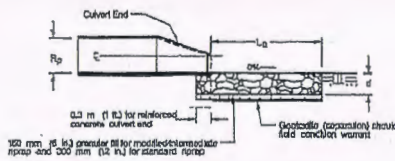
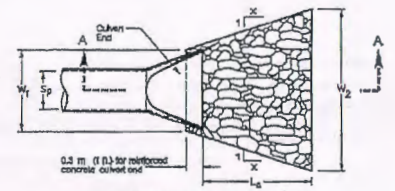
JOB	JCM	AAC
AS NOTED		
OCTOBER 21, 2010		
DESS-CY		
MSE-1		
99		



PERMANENT STONE CHECK DAM
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE SIDES, GRABES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE UPSTREAM DAM FROM SCOUR AND EROSION WITH STONE OR LIMES AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT DISTANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DAM HIGHS ARE 3 FEET.

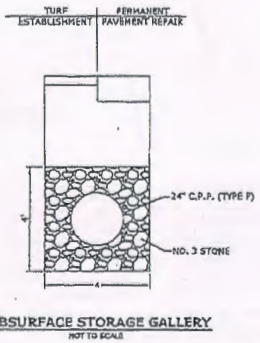


SECTION A-A CULVERT END

RIPRAP APRON DIMENSION TABLE

LOCATION	RIPRAP TYPE	d_s (IN.)	R_s (NO.)	L_s (FEET)	d (IN.)	X	W_1 (FEET)	W_2 (FEET)
BEHIND 140 HILFORD POINT RD.	MODIFIED RIPRAP	28.0	28.5	23.0	12.5	5	4.50	5.75

TYPE B RIPRAP APRON
N.T.S.



DETAIL OF DIRTBAG PUMPED SILT CONTROL SYSTEM

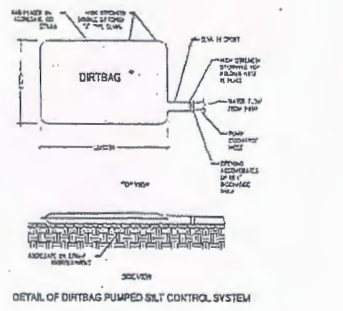
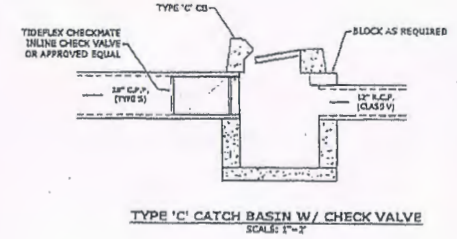
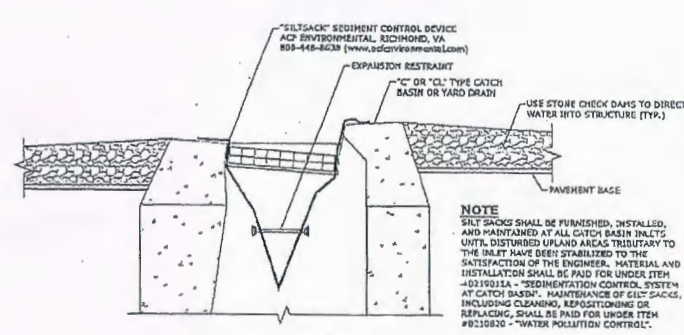
NOTE: ALL SILO BAG SYSTEMS SHALL BE OPERATED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS FOR OPERATION AND MAINTENANCE OF THE MANUFACTURED SILO BAGS AND OTHER RELATED EQUIPMENT TO BE USED IN THIS SYSTEM.

NOTE: ALL SILO BAGS SHALL BE STORED IN A DRY AND WELL-VENTILATED AREA TO PREVENT MOISTURE DAMAGE AND TO PREVENT THE SILO BAGS FROM BEING EXPOSED TO DIRECT SUNLIGHT.

NOTE: ALL SILO BAGS SHALL BE STORED IN A DRY AND WELL-VENTILATED AREA TO PREVENT MOISTURE DAMAGE AND TO PREVENT THE SILO BAGS FROM BEING EXPOSED TO DIRECT SUNLIGHT.

NOTE: ALL SILO BAGS SHALL BE STORED IN A DRY AND WELL-VENTILATED AREA TO PREVENT MOISTURE DAMAGE AND TO PREVENT THE SILO BAGS FROM BEING EXPOSED TO DIRECT SUNLIGHT.

NO.	DESCRIPTION	QTY	UNIT	REMARKS
1	DIRTBAG	100	EA	FOR SILT CONTROL
2	PUMP	1	EA	FOR SILT CONTROL
3	CONCRETE FOOTING	1	EA	FOR PUMP
4	CONCRETE WALL	1	EA	FOR PUMP
5	CONCRETE SLAB	1	EA	FOR PUMP
6	CONCRETE CURB	1	EA	FOR PUMP
7	CONCRETE CHANNEL	1	EA	FOR PUMP
8	CONCRETE INLET	1	EA	FOR PUMP
9	CONCRETE OUTLET	1	EA	FOR PUMP
10	CONCRETE CHECK DAM	1	EA	FOR PUMP
11	CONCRETE SPACING DAM	1	EA	FOR PUMP
12	CONCRETE BRIDGE	1	EA	FOR PUMP
13	CONCRETE ABUTMENT	1	EA	FOR PUMP
14	CONCRETE PIER	1	EA	FOR PUMP
15	CONCRETE RAFTER	1	EA	FOR PUMP
16	CONCRETE COLUMN	1	EA	FOR PUMP
17	CONCRETE CAP	1	EA	FOR PUMP
18	CONCRETE BASE	1	EA	FOR PUMP
19	CONCRETE SILL	1	EA	FOR PUMP
20	CONCRETE THRESHOLD	1	EA	FOR PUMP
21	CONCRETE STOP	1	EA	FOR PUMP
22	CONCRETE STOP	1	EA	FOR PUMP
23	CONCRETE STOP	1	EA	FOR PUMP
24	CONCRETE STOP	1	EA	FOR PUMP
25	CONCRETE STOP	1	EA	FOR PUMP
26	CONCRETE STOP	1	EA	FOR PUMP
27	CONCRETE STOP	1	EA	FOR PUMP
28	CONCRETE STOP	1	EA	FOR PUMP
29	CONCRETE STOP	1	EA	FOR PUMP
30	CONCRETE STOP	1	EA	FOR PUMP



MILOMB & MACBROOM®
9745 West 23rd Avenue
DENVER, COLORADO 80242
TEL: 303.757.9278
WWW.MILOMBANDMACBROOM.COM

DATE: _____
CHECKED: _____
DESIGNED: _____

MISCELLANEOUS DETAILS
RECONSTRUCTION OF MILFORD POINT ROAD
MILFORD POINT ROAD
MILFORD, CONNECTICUT

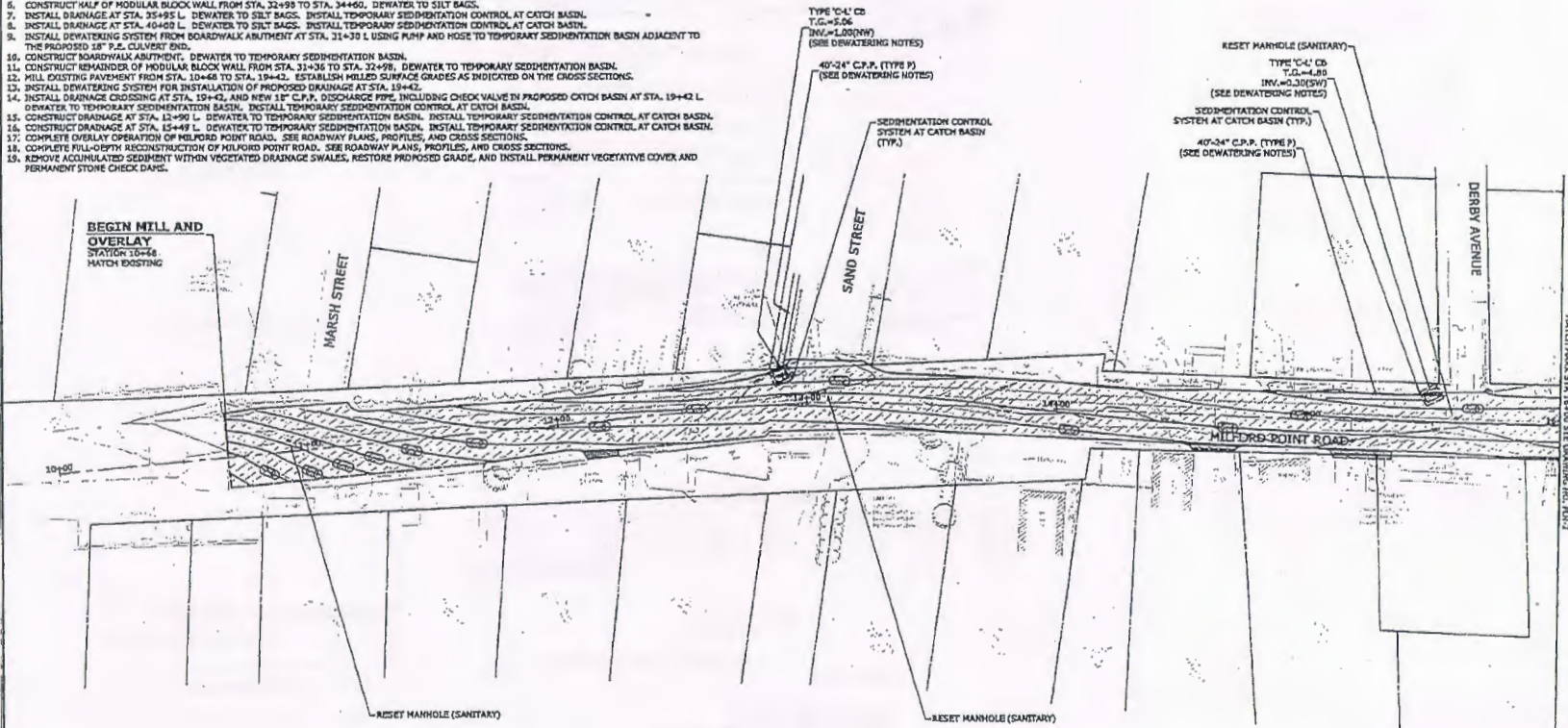
DATE: _____
BY: _____

AS NOTED
SEPTEMBER 16, 2016

DATE: 2015-07
NO. 10

CONSTRUCTION SEQUENCE

1. INSTALL SILT FENCE AND STRAW BALE BARRIER AS SHOWN ON THE PLANS.
2. INSTALL TEMPORARY SEDIMENTATION BASIN ADJACENT TO THE PROPOSED 18" P.E. CULVERT END.
3. EXCAVATE VEGETATED SWALE TO PROPOSED GRADE AND INSTALL PROPOSED DRAINAGE CONNECTIONS BETWEEN SWALES.
4. INSTALL SILT BAG FILTERED SEDIMENT CONTROL SYSTEM FROM BOARDWALK ABUTMENT AT STA. 34+85 L TO PREPARED VEGETATED SWALE. RELOCATE AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
5. CONSTRUCT BOARDWALK ABUTMENT. DEWATER TO SILT BAGS.
6. CONSTRUCT HALF OF MODULAR BLOCK WALL FROM STA. 32+93 TO STA. 34+60. DEWATER TO SILT BAGS.
7. INSTALL DRAINAGE AT STA. 35+95 L. DEWATER TO SILT BAGS. INSTALL TEMPORARY SEDIMENTATION CONTROL AT CATCH BASIN.
8. INSTALL DRAINAGE AT STA. 40+60 L. DEWATER TO SILT BAGS. INSTALL TEMPORARY SEDIMENTATION CONTROL AT CATCH BASIN.
9. INSTALL DEWATERING SYSTEM FROM BOARDWALK ABUTMENT AT STA. 31+30 L USING PUMP AND HOSE TO TEMPORARY SEDIMENTATION BASIN ADJACENT TO THE PROPOSED 18" P.E. CULVERT END.
10. CONSTRUCT BOARDWALK ABUTMENT. DEWATER TO TEMPORARY SEDIMENTATION BASIN.
11. CONSTRUCT REMAINDER OF MODULAR BLOCK WALL FROM STA. 31+30 TO STA. 32+93. DEWATER TO TEMPORARY SEDIMENTATION BASIN.
12. MILL EXISTING PAVEMENT FROM STA. 10+68 TO STA. 19+42. ESTABLISH MILLED SURFACE GRADES AS INDICATED ON THE CROSS SECTIONS.
13. INSTALL DEWATERING SYSTEM FOR INSTALLATION OF PROPOSED DRAINAGE AT STA. 19+42.
14. INSTALL DRAINAGE CROSSING AT STA. 19+43, AND NEW 18" C.P.P. DISCHARGE PIPE, INCLUDING CHECK VALVE IN PROPOSED CATCH BASIN AT STA. 19+42 L. DEWATER TO TEMPORARY SEDIMENTATION BASIN. INSTALL TEMPORARY SEDIMENTATION CONTROL AT CATCH BASIN.
15. CONSTRUCT DRAINAGE AT STA. 12+99 L. DEWATER TO TEMPORARY SEDIMENTATION BASIN. INSTALL TEMPORARY SEDIMENTATION CONTROL AT CATCH BASIN.
16. CONSTRUCT DRAINAGE AT STA. 15+49 L. DEWATER TO TEMPORARY SEDIMENTATION BASIN. INSTALL TEMPORARY SEDIMENTATION CONTROL AT CATCH BASIN.
17. COMPLETE OVERLAY OPERATION OF MILFORD POINT ROAD. SEE ROADWAY PLANS, PROFILES, AND CROSS SECTIONS.
18. COMPLETE FULL-DEPTH RECONSTRUCTION OF MILFORD POINT ROAD. SEE ROADWAY PLANS, PROFILES, AND CROSS SECTIONS.
19. REMOVE ACCUMULATED SEDIMENT WITHIN VEGETATED DRAINAGE SWALES, RESTORE PROPOSED GRADE, AND INSTALL PERMANENT VEGETATIVE COVER AND PERMANENT STONE CHECK DAMS.



LEGEND

- CONCRETE SIDEWALK
- BITUMINOUS CONCRETE DRIVEWAY
- CONCRETE DRIVEWAY APRON
- MILL AND OVERLAY
- CUT BITUMINOUS CONCRETE PAVEMENT
- APPROX. CUT/FILL LIMIT
- TIDAL WETLANDS LINE (TWL) HIGH TIDE LINE
- COASTAL JURISDICTION LINE (CJL) (ELEV. = 5.1 FT NAVD83)
- 100-YR FLOODPLAIN
- MEAN HIGH WATER (MHW) (ELEV. = 3.0 FT NAVD83)
- NON-STORM FREQUENT FLOOD ELEVATION (ELEV. = 3.4 FT NAVD83)
- VE (WAVE) ZONE BREAK

DEWATERING NOTES

1. DEWATERING IS EXPECTED TO BE REQUIRED FOR INSTALLATION OF THE MODULAR BLOCK WALL BETWEEN STA. 31+30 L AND STA. 34+65 L AND TRENCHING ACTIVITIES ASSOCIATED WITH INSTALLATION OF PROPOSED DRAINAGE. THE FOLLOWING LOCATIONS ARE PROPOSED TO BE USED AS TEMPORARY SEDIMENTATION BASINS DURING THESE CONSTRUCTION ACTIVITIES AND/OR ANY OTHER EXCAVATION ACTIVITY WHERE GROUNDWATER IS ENCOUNTERED:
 - VEGETATED SWALE BETWEEN STA. 36+15 L AND STA. 36+55 L
 - VEGETATED SWALE BETWEEN STA. 37+00 L AND STA. 37+55 L
 - VEGETATED SWALE BETWEEN STA. 38+25 L AND STA. 40+35 L
 - TEMPORARY SEDIMENTATION BASIN SHOWN BEHIND 140 MILFORD POINT ROAD
2. THE CONTRACTOR SHALL SUBMIT, FOR APPROVAL PRIOR TO THE START OF THE WORK, A DEWATERING PLAN INDICATING THE MEANS AND METHODS PROPOSED TO DISCHARGE GROUNDWATER TO THE TEMPORARY SEDIMENTATION BASINS. THE PROPOSED LOCATIONS OF THE BASINS AND ALL EQUIPMENT AND APPURTENANCES SHALL BE CLEARLY MARKED. THE PROPOSED SEQUENCE OF THE WORK TO ESTABLISH A FUNCTIONING DEWATERING AND SEDIMENTATION SYSTEM SHALL GENERALLY FOLLOW THE INDICATED CONSTRUCTION SEQUENCE AND SHALL BE APPROVED PRIOR TO EXCAVATION IN AREAS WHERE DEWATERING IS REQUIRED.
3. THE PROPOSED DEWATERING PLAN SHALL HAVE NO DIRECT IMPACT TO PRIVATE PROPERTY AND THERE SHALL BE NO DIRECT DISCHARGE INTO THE TIDAL WETLANDS DELINEATED ON THESE PLANS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MODIFY AND/OR RELOCATE THE IMPLEMENTED MEASURES AS REQUIRED TO SUPPORT THE SEQUENCE OF CONSTRUCTION.

NOTES

1. ENTIRE PROJECT AREA LOCATED WITHIN FEMA DESIGNATED 100-YEAR FLOOD ZONE.



MILONE & MACBROOM
 31 Eagle Hill
 Derby, Connecticut 06418
 Tel: 203-348-1111
 Fax: 203-348-1112

REVISION	DATE	BY

ROADWAY PLANS
 RECONSTRUCTION OF MILFORD POINT ROAD
 MILFORD POINT ROAD
 MILFORD, CONNECTICUT

DATE	BY	AAC
SEPTEMBER 14, 2019	JES-27	

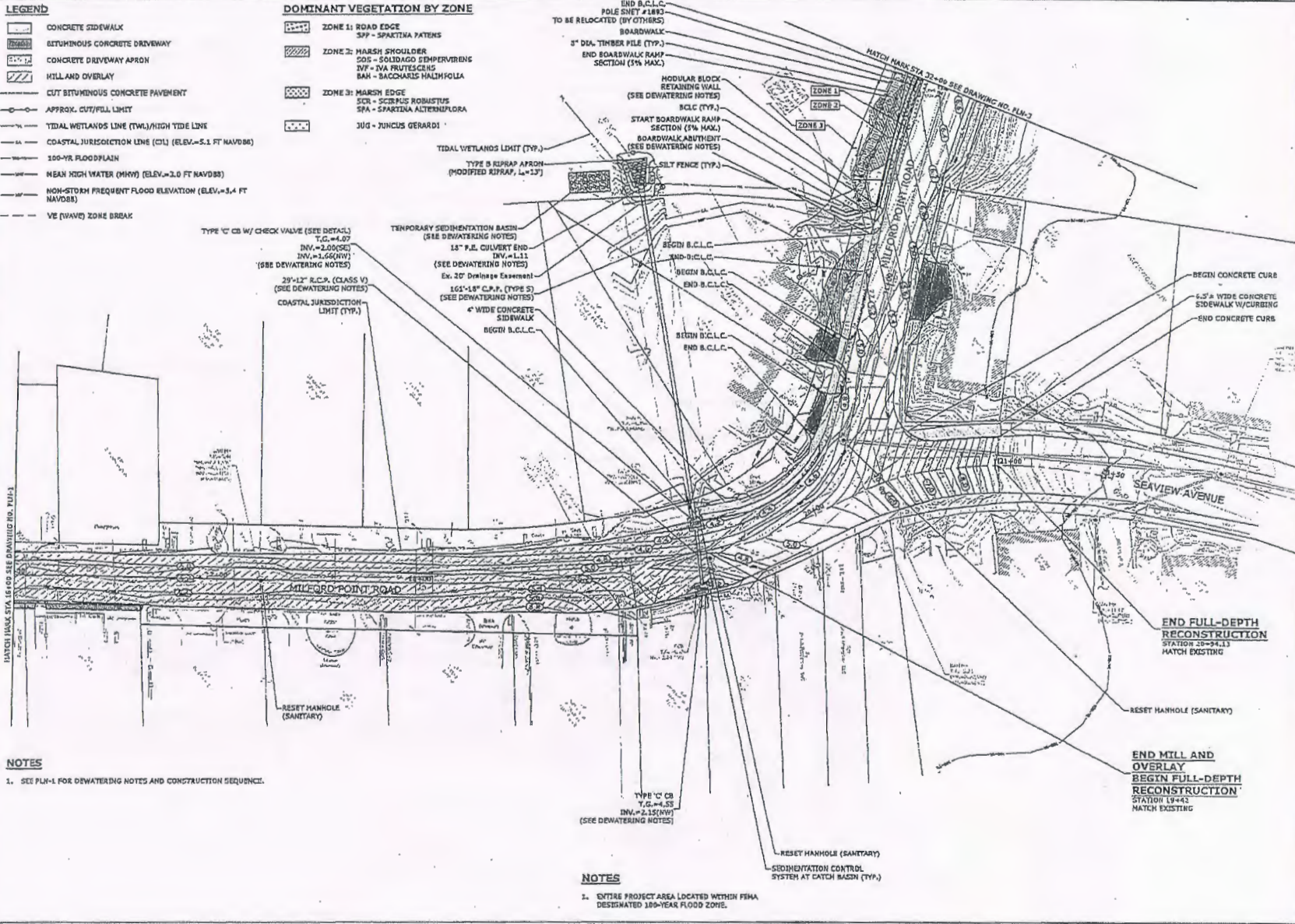
PLAN-1

LEGEND

- CONCRETE SIDEWALK
- BITUMINOUS CONCRETE DRIVEWAY
- CONCRETE DRIVEWAY APRON
- HILL AND OVERLAY
- CUT BITUMINOUS CONCRETE PAVEMENT
- APPROX. CUT/FULL LIMIT
- TIDAL WETLANDS LINE (TWL)/HIGH TIDE LINE
- COASTAL JURISDICTION LINE (CJL) (ELEV.=5.1 FT NAVD83)
- 100-YR FLOODPLAIN
- MEAN HIGH WATER (MHW) (ELEV.=3.0 FT NAVD83)
- NON-STORM FREQUENT FLOOD ELEVATION (ELEV.=3.4 FT NAVD83)
- VE (WAVE) ZONE BREAK

DOMINANT VEGETATION BY ZONE

- ZONE 1: ROAD EDGE
SFP - SPARTINA PATENS
- ZONE 2: MARSH SHOULDER
SOS - SOLIDAGO SEMPERVIRENS
SIF - SIDA FRUTESCENS
SAH - SACCHARIS HALIMIFOLIA
- ZONE 3: MARSH EDGE
SCR - SCIRPUS ROBUSTUS
SPA - SPARTINA ALTERNIFLORA
JUG - JUNCUS GERARDI



NOTES

1. SEE PLAN-1 FOR DEWATERING NOTES AND CONSTRUCTION SEQUENCE.

NOTES

1. ENTIRE PROJECT AREA LOCATED WITHIN FEMA DESIGNATED 100-YEAR FLOOD ZONE.

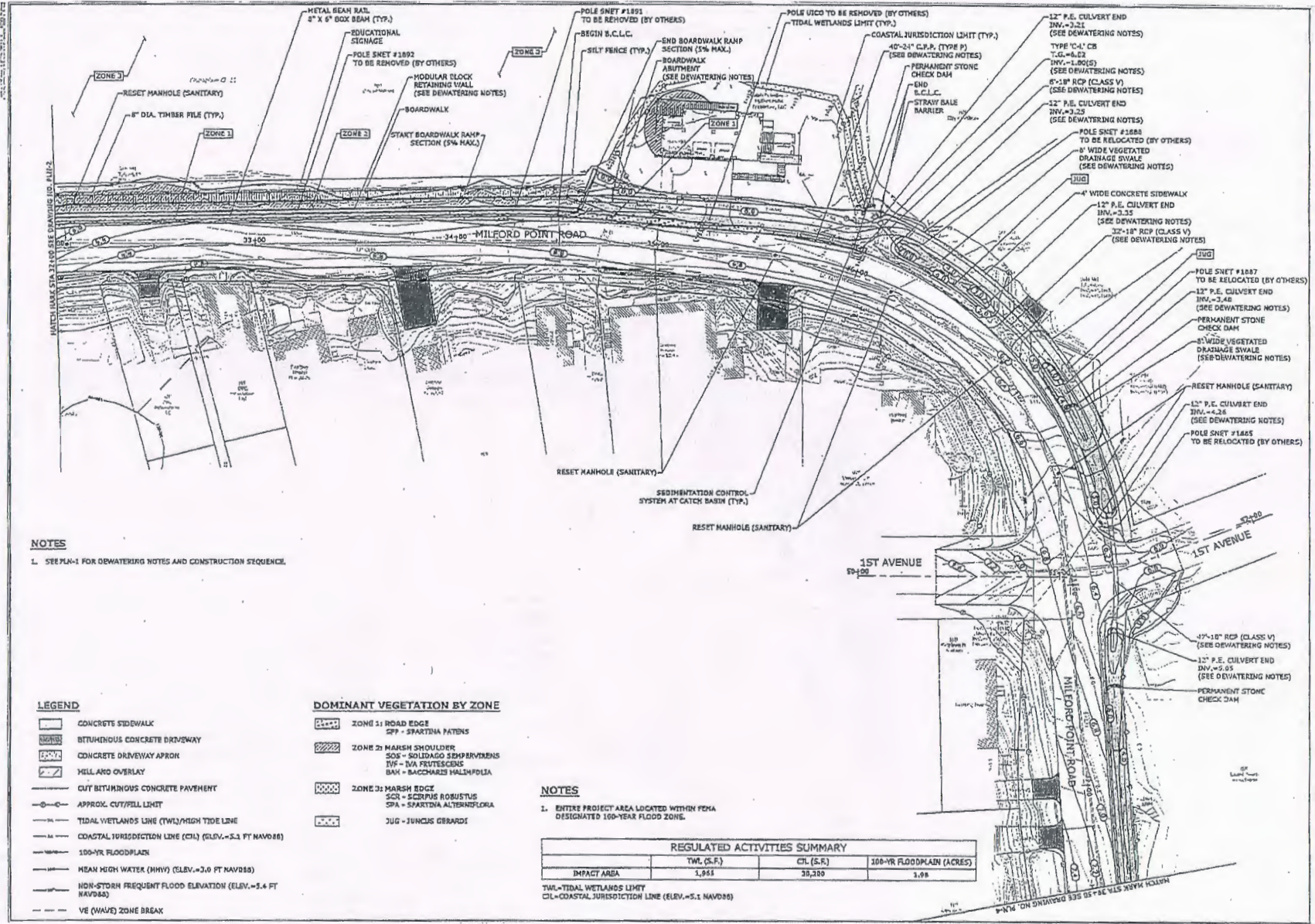


MILONE & MACBROOM
 1500 WEST 10TH STREET
 CHICAGO, ILL. 60607
 TEL: 312.467.1100
 WWW.MILONE-AND-MACBROOM.COM

DATE	BY

ROADWAY PLANS
 RECONSTRUCTION OF MILFORD POINT ROAD
 MILFORD POINT ROAD
 MILFORD, CONNECTICUT

JDM	SHB	AAC
1"=25'		
OCTOBER 21, 2016		
2325-27		
PLN-2		



NOTES
 1. SEE PLAN-I FOR DEWATERING NOTES AND CONSTRUCTION SEQUENCE.

LEGEND

- CONCRETE SIDEWALK
- BITUMINOUS CONCRETE DRIVEWAY
- CONCRETE DRIVEWAY APRON
- HILL AND OVERLAY
- CUT BITUMINOUS CONCRETE PAVEMENT
- APPROX. CUT/FILL LIMIT
- TIDAL WETLANDS LINE (TWL)/HIGH TIDE LINE
- COASTAL JURISDICTION LINE (CIL) (ELEV. = 5.1 FT NAVD83)
- 100-YR FLOODPLAIN
- MEAN HIGH WATER (HHW) (ELEV. = 3.0 FT NAVD83)
- NON-STORM FREQUENT FLOOD ELEVATION (ELEV. = 3.4 FT NAVD83)
- VE (WAVE) ZONE BREAK

DOMINANT VEGETATION BY ZONE

- ZONE 1: ROAD EDGE
SPT - SPARTINA PATENS
- ZONE 2: MARSH SHOULDER
SOS - SOLIDAGO SEMPERVIRENS
IVF - IVA FRUTESCENS
BAX - BACCHARIS HALIMIFOLIA
- ZONE 3: MARSH EDGE
SCR - SCIRPUS ROBUSTUS
SRA - SPARTINA ALTRISIFLORA
- JUG - JUNCUS GERARDI

NOTES

- 1. ENTIRE PROJECT AREA LOCATED WITHIN FEMA DESIGNATED 100-YEAR FLOOD ZONE.

REGULATED ACTIVITIES SUMMARY

	TWL (S.F.)	CIL (S.F.)	100-YR FLOODPLAIN (ACRES)
IMPACT AREA	1,964	35,330	1.08

TWL - TIDAL WETLANDS LIMIT
 CIL - COASTAL JURISDICTION LINE (ELEV. = 5.1 NAVD83)

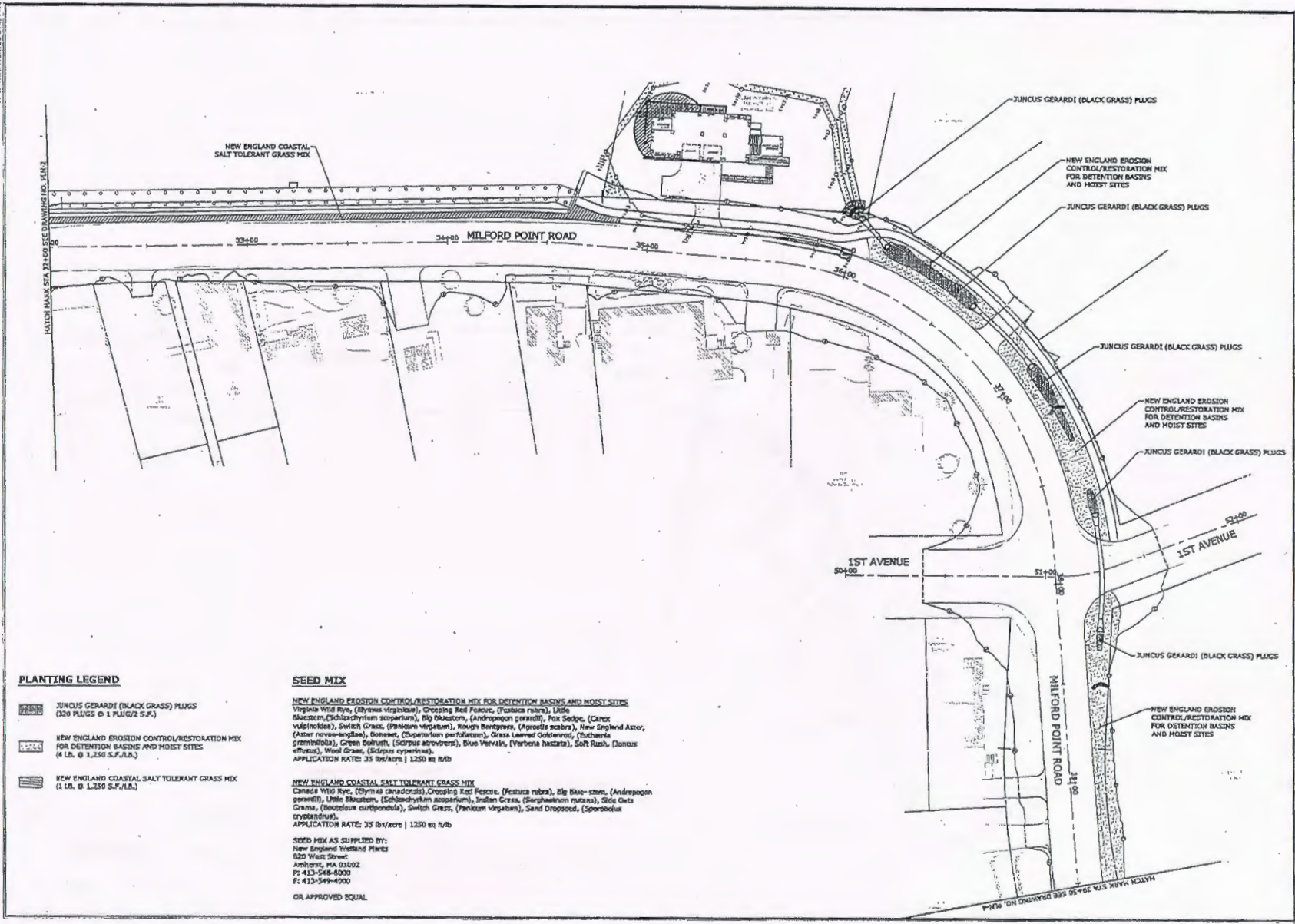
MILONE & MACBROOM
 2275 DEER CREEK ROAD
 MILFORD, CONNECTICUT 06455

DATE	BY	DESCRIPTION




ROADWAY PLANS
 RECONSTRUCTION OF MILFORD POINT ROAD
 MILFORD POINT ROAD
 MILFORD, CONNECTICUT

JDM	SNB	AAC
1"=40'		
OCTOBER 21, 2016		
2025-C1		
PLN-3		

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PLANTING LEGEND

-  JUNCUS GERARDII (BLACK GRASS) PLUGS
(320 PLUGS @ 1 PLUG/2 S.F.)
-  NEW ENGLAND EROSION CONTROL/RESTORATION MIX
FOR DETENTION BASINS AND MOIST SITES
(4 LB. @ 1,250 S.F./A.B.)
-  NEW ENGLAND COASTAL SALT TOLERANT GRASS MIX
(1 LB. @ 1,250 S.F./A.B.)

SEED MIX

NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES
 Virginia Wild Rye, (*Elymus virginicus*), Crossing Red Fescue, (*Festuca rubra*), Little Bluestem, (*Schizachyrium scoparium*), Dip Bluestem, (*Andropogon gerardii*), Fox Sedge, (*Carex vulpinoidea*), Switch Grass, (*Panicum virgatum*), Rough Rostgrass, (*Aristida scabra*), New England Aster, (*Aster novae-angliae*), Boneset, (*Oporanthus perfoliatum*), Grass Leaved Goldenrod, (*Euthamia graminifolia*), Green Goussier, (*Scirpus atrovirens*), Blue Vervain, (*Verbena hastata*), Soft Rush, (*Juncus effusus*), Wool Grass, (*Lycopodium complanatum*).
 APPLICATION RATE: 35 lbs/acre | 1250 sq. ft/b

NEW ENGLAND COASTAL SALT TOLERANT GRASS MIX
 Canada Wild Rye, (*Elymus canadensis*), Crossing Red Fescue, (*Festuca rubra*), Dip Blue-stem, (*Andropogon gerardii*), Little Bluestem, (*Schizachyrium scoparium*), Indian Grass, (*Sorghastrum nutans*), Side Oats Grama, (*Desmodium illinoense*), Switch Grass, (*Panicum virgatum*), Sand Dropseed, (*Sporobolus cryptandrus*).
 APPLICATION RATE: 35 lbs/acre | 1250 sq. ft/b

SEED MIX AS SUPPLIED BY:
 New England Wetland Plants
 820 West Street
 Amherst, MA 01002
 P: 413-548-8000
 F: 413-549-4000
 OR APPROVED EQUAL





MILONE & MACBROOM
 100 Main Street
 Milford, Connecticut 06460
 Tel: 203-255-4700
 Fax: 203-255-4701

NO.	DATE	BY

PLANTING PLANS
 RECONSTRUCTION OF MILFORD POINT ROAD
 MILFORD POINT ROAD
 MILFORD, CONNECTICUT

DATE	BY	SCALE
17407		
SEPTEMBER 16, 2014		
2013-27		
LA-2		

21



56	COASTAL RESILIENCY PLAN		MILONE & MACBROOM 95 Kedy Drive Cheshire, Connecticut 06411 (203) 311-1110 Fax: (203) 272-9771 www.milone-macbroom.com
	RECONSTRUCTION OF MILFORD POINT ROAD		
DATE	BY	DESCRIPTION	
APPROVED	DATE	DESCRIPTION	
MILFORD POINT ROAD MILFORD, CONNECTICUT			