

**MAY 27, 2020**  
**CT ROUTE 146 SEAWALL REHABILITATION**  
**FEDERAL AID PROJECT NO. N/A**  
**STATE PROJECT NO. 0014-0186**  
**TOWN OF BRANFORD**

**ADDENDUM NO. 1**

This Addendum addresses the following questions and answers contained on the “CT DOT QUESTIONS AND ANSWERS WEBSITE FOR ADVERTISED CONSTRUCTION PROJECTS”:

Question and Answer Nos. 2 and 3.

**SPECIAL PROVISION**  
**NEW SPECIAL PROVISION**

The following Special Provision is hereby added to the Contract:

- ITEM NO. 0974001A – REMOVAL OF EXISTING MASONRY

**PLANS**  
**REVISED PLANS**

The following Plan Sheets are hereby deleted and replaced with the like-numbered Plan Sheets:

- 02.01.A1
- 03.02.A1, 03.07.A1, 03.20.A1, 03.22.A1, 03.23.A1
- 04.02.A1, 04.15.A1
- 07.02.A1, 07.06.A1

**PERMITS**

The following Permit’s Approval and Registration are hereby added to the Contract:

- ACOE Pre-Construction Notification
- CTDEEP Flood Management Certification

The Bid Proposal Form has been revised to reflect this change.

The Detailed Estimate Sheet does not reflect this change.

There will be no change to the Contract Completion date of May 31, 2021 due to this Addendum.

The foregoing is hereby made a part of the contract.

**ITEM #0974001A – REMOVAL OF EXISTING MASONRY**

*Replace Section 9.74 in its entirety with the following:*

**9.74.01—Description****9.74.03—Construction Methods****9.74.04—Method of Measurement****9.74.05—Basis of Payment**

**9.74.01—Description:** This work shall include the full or partial removal and disposal of substructures, walls, approach slabs and other masonry components, as indicated on the plans. These structures may be constructed of dry masonry, cement rubble masonry, concrete or reinforced concrete. During the removal of existing masonry, stone material excavated from the existing revetment, as well as loose revetment stone within the limits of the construction easement, shall be separated from the existing sand material. Material from the existing stone revetment shall not be used when reestablishing the beach area upon completion of seawall and proposed stabilized stone slope protection.

**9.74.03 —Construction Methods:**

## 1. Submittals:

The Contractor shall prepare and submit written procedures for removal. Working drawings, in accordance with 1.05.02, shall also be prepared and submitted as warranted by the complexity and safety considerations of the work. The submittals shall address the following:

- proposed equipment and removal method(s)
- operating and storage location(s) of equipment
- containment and disposal of debris
- installation and removal of:
  - a. debris shields
  - b. working platforms
  - c. falsework
- temporary support(s) for maintenance of traffic
- modification to and restoration of the structure to remain in place

2. Removal: Structures and bridge components shall be removed to the limits shown on the plans or as directed by the Engineer

General removal may be performed by excavator-mounted demolition equipment or other methods except where prohibited on the plans or as directed by the Engineer.

If partial removal of concrete is required, it shall be sawcut to the neat lines as indicated on the plans. Near reinforcing steel that is to remain, the Contractor must use limited methods for removal, such as 15 pound hammers or other methods accepted by the Engineer.

Reinforcing steel shall be cut and removed where shown on the plans. Reinforcing steel to remain shall be cleaned of all concrete and corrosion products by oil-free abrasive blasting, high-pressure water blasting or other methods accepted by the Engineer. The reinforcing steel and concrete surfaces shall be free from dirt, oil, cement fines (slurry), or any material that may interfere with the bond of the proposed concrete. Tightly- bonded light rust on the reinforcing surface is acceptable.

Where staged construction requires concrete to be removed adjacent to the existing structure that will continue to support live load, the Contractor shall cut the concrete in accordance with the accepted working drawings.

During the removal, existing beach sand material shall be separated from the grouted revetment and loose revetment stone and then shall be used to reestablish the beach after the completion of the seawall construction. The existing grouted revetment material and loose revetment stone shall not be used to reestablish the beach and shall be disposed of properly by the Contractor.

3. Disposal of Debris: The Contractor shall properly dispose of all construction debris either off-Site, or on-Site in accordance with 2.02.03-5.

4. Damage Mitigation: When removing the substructure or a portion thereof, the Contractor shall take necessary precautions to prevent debris from dropping to areas below the structure, onto adjacent traffic lanes or onto adjacent property. Any damage to adjoining areas, including but not limited to new construction, public

utility installations, abutting property and to the portions of the structure that will remain shall be repaired by the Contractor in accordance with 1.05.11.

**9.74.04 —Method of Measurement:** This work will be measured for payment by the volume in cubic yards in place prior to removal, to the limits shown on the plans or as directed by the Engineer.

**9.74.05 —Basis of Payment:** Payment for “Removal of Existing Masonry” will be made at the Contract unit price per cubic yard, which price shall include all equipment, tools and labor incidental to the removal of the existing grouted revetment and loose stone, the separation of excavated sand material, and shall include the proper disposal of the grouted revetment and loose stone. The cost of furnishing, installing and removing protective debris shielding, falsework and working platforms is included in the cost of this item.

Payment for the full or partial removal of bridge superstructure(s) will be made at the Contract lump sum price for “Removal of Superstructure,” in accordance with 5.03.05.

Pay Item	Pay Unit
Removal of Existing Masonry	c.y.



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS  
696 VIRGINIA ROAD  
CONCORD, MASSACHUSETTS 01742-2751

April 10, 2020

Regulatory Division  
File Number: NAE-2019-00659

Kimberly Lesay  
Connecticut Department of Transportation  
2800 Berlin Turnpike  
Newington, Connecticut 06131

Dear Kimberly Lesay:

We have reviewed your application to replace a seawall, stone revetment, and stone slope paving in approximately 17,042 SF (permanent and temporary impacts) in Long Island Sound below High Tide Line. This project is located at Limewood Avenue (between Sybil Avenue and Crouch Road), Branford, Connecticut (41.2598° N, -72.7976° W). The work is shown on the enclosed plans titled "CT ROUTE 146 SEAWALL REHABILITATION," on 9 sheets, and dated "September 24, 2019."

Permanent impacts of 8,893 SF of fill placed below high tide line in Long Island Sound are the result of construction of the new seawall, stone revetment, and installation of stone slope paving on the east end of project area. Temporary impacts of 8,149 SF of fill placed below high tide line in Long Island Sound are the result of construction access consisting of a water-handling-cofferdam and placement of timber matting within the cofferdam.

Based on the information you have provided, we verify that the activity is authorized under General Permit # 2 of the enclosed August 19, 2016 Federal permit known as the Connecticut General Permits (GPs). This verification is subject to the following special conditions:

1. The proposed cofferdams, and geotextile and timber mats shall be installed and maintained for the duration of the project construction in accordance with General Condition 15 for Temporary Fill. Prior to removal, all sediments contained within the cofferdams will be stabilized. The cofferdams shall be removed when the tide is waterward of the work area if feasible. This is to protect Essential Fish Habitat in accordance with the Magnuson-Stevens Fishery Conservation and Management Act.
2. The permittee must use a soft start each day of pile driving, building up power slowly from a low energy start-up over a period of 20 minutes to provide adequate time for fish and marine mammals to leave the vicinity. This is to protect ESA-listed species in accordance with the Endangered Species Act.
3. You must complete and return the enclosed Work Start Notification Form to this office at least two weeks before the anticipated starting date.

Please review the enclosed GPs and general conditions carefully to be sure that you and whoever does the work understand its requirements. A copy of the GPs and this verification letter shall be available at the project site throughout the time the work is underway. Performing work within our jurisdiction that is not specifically authorized by this determination or failing to comply with any special condition(s) provided above or all the terms and conditions of the GPs may subject you to the enforcement provisions of our regulations.

This authorization expires on August 19, 2021. You must commence or be under contract to commence the work authorized herein by August 19, 2021, and complete the work by August 19, 2022. If not, you must contact this office to determine the need for further authorization before beginning or continuing the activity. We recommend that you contact us *before* these GPs expire to discuss permit reissuance. Please contact us immediately if you change the plans or construction methods for work within our jurisdiction. We must approve any changes before you undertake them.

This authorization does not obviate the need to obtain other Federal, state, or local authorizations required by law.

This determination becomes valid only after the Connecticut Department of Energy & Environmental Protection (DEEP) issues or waives the following applicable State permits: Certificate of Permission (COP); General Permit (LIS-GP); Tidal Wetlands Permit; Structures and Dredging and Filling Permit; Water Quality Certification (WQC) as required under Section 401 of the Clean Water Act; and/or a Section 307 Coastal Zone Management Act consistency determination. In the event the DEEP denies any of these permits, this determination becomes null and void. The address of the DEEP office for your area is provided in the enclosed GP.

We continually strive to improve our customer service. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at [http://corpsmapu.usace.army.mil/cm\\_apex/f?p=regulatory\\_survey](http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey)

Please contact Charlotte Skolnick, of my staff, at (978) 318-8145 if you have any questions.

Sincerely,

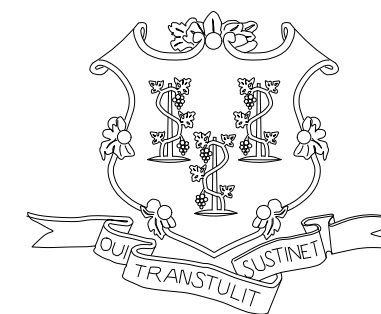


Kevin R. Kotelly  
Chief, Permits & Enforcement Branch  
Regulatory Division

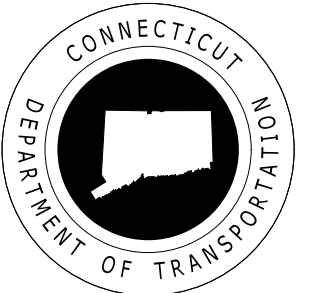
Enclosures

cc:

CT DEEP, Chief, Land & Water Resources Division (via email)  
Chris Boelke, NMFS, Gloucester, MA; [christopher.boelke@noaa.gov](mailto:christopher.boelke@noaa.gov)  
David Simmons, USFWS; [david\\_simmons@fws.gov](mailto:david_simmons@fws.gov)



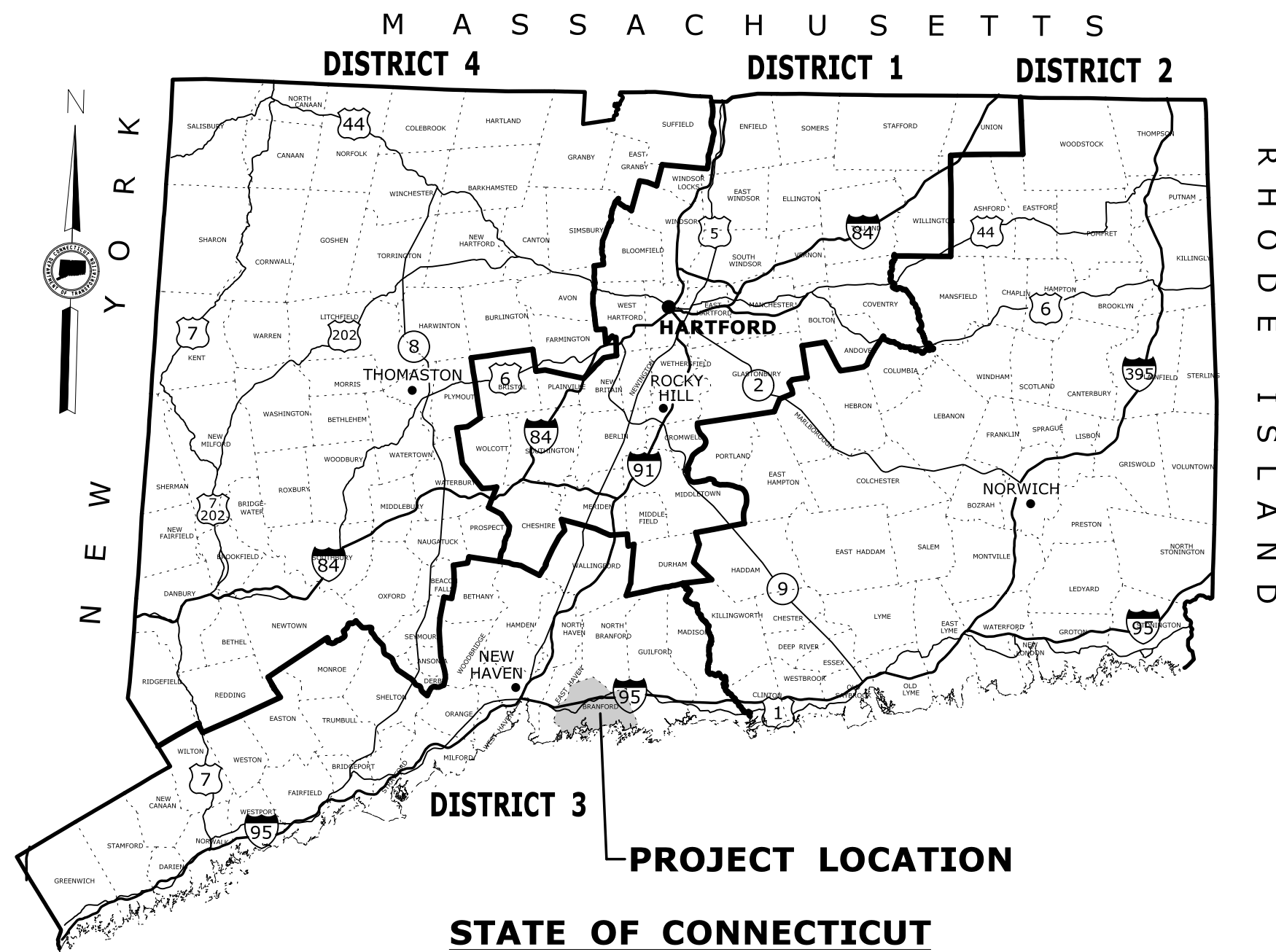
# CONNECTICUT DEPARTMENT OF TRANSPORTATION



Environmental Permit Plans For

## CT ROUTE 146 SEAWALL REHABILITATION

Town(s)/City of  
**BRANFORD**



### GENERAL NOTES:

1. THESE PLANS ARE INTENDED ONLY FOR ENVIRONMENTAL PERMITTING PURPOSES. THESE PLANS HOLD AUTHORITY FOR ALL ACTIVITIES CONCERNING THE REGULATED AREA. FOR DETAILED PLANIMETRIC INFORMATION AND PAYMENT REFER TO THE APPLICABLE CONTRACT DOCUMENTS.
2. THE DEPARTMENT OF TRANSPORTATION WILL ONLY SUBMIT REVISIONS TO DEEP AND ACOE FOR CHANGES TO THE DESIGN THAT WILL AFFECT REGULATED AREAS.
3. FOR A DESCRIPTION OF THE WATERCOURSES, WETLAND AND WETLAND SOILS SEE RELEVANT SECTIONS OF THE PERMIT APPLICATION.
4. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1927. VERTICAL DATUM BASED ON NGVD OF 1929.
5. NAVD 1988 ELEVATION = NGVD 1929 ELEVATION - 1.03. THIS CONVERSION WAS VERIFIED USING THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)'S ONLINE VERTICAL DATUM TRANSFORMATION WEBSITE
5. ALL CONSTRUCTION ACTIVITIES WILL BE CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES, AND INCIDENTAL CONSTRUCTION, FORM 817, SECTION 1.10 AND WILL ALSO FOLLOW REQUIRED BEST MANAGEMENT PRACTICES (BMPs) AND SEDIMENT AND EROSION CONTROL MEASURES IN ACORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL GUIDELINES AND THE 2004 CONNECTICUT STORMWATER QUALITY MANUAL.

LIST OF DRAWINGS	
DRAWING TITLE	DRAWING NO.
TITLE SHEET	PMT-01
EXISTING CONDITIONS	PMT-02
FEMA IMPACTS	PMT-03
COASTAL IMPACTS	PMT-04
MISCELLANEOUS DETAILS	PMT-05
MISCELLANEOUS DETAILS	PMT-06
SEAWALL ELEVATION VIEW	PMT-07
PROPOSED CONDITIONS	PMT-08
HANDLING WATER PLAN	PMT-09

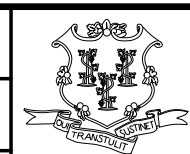
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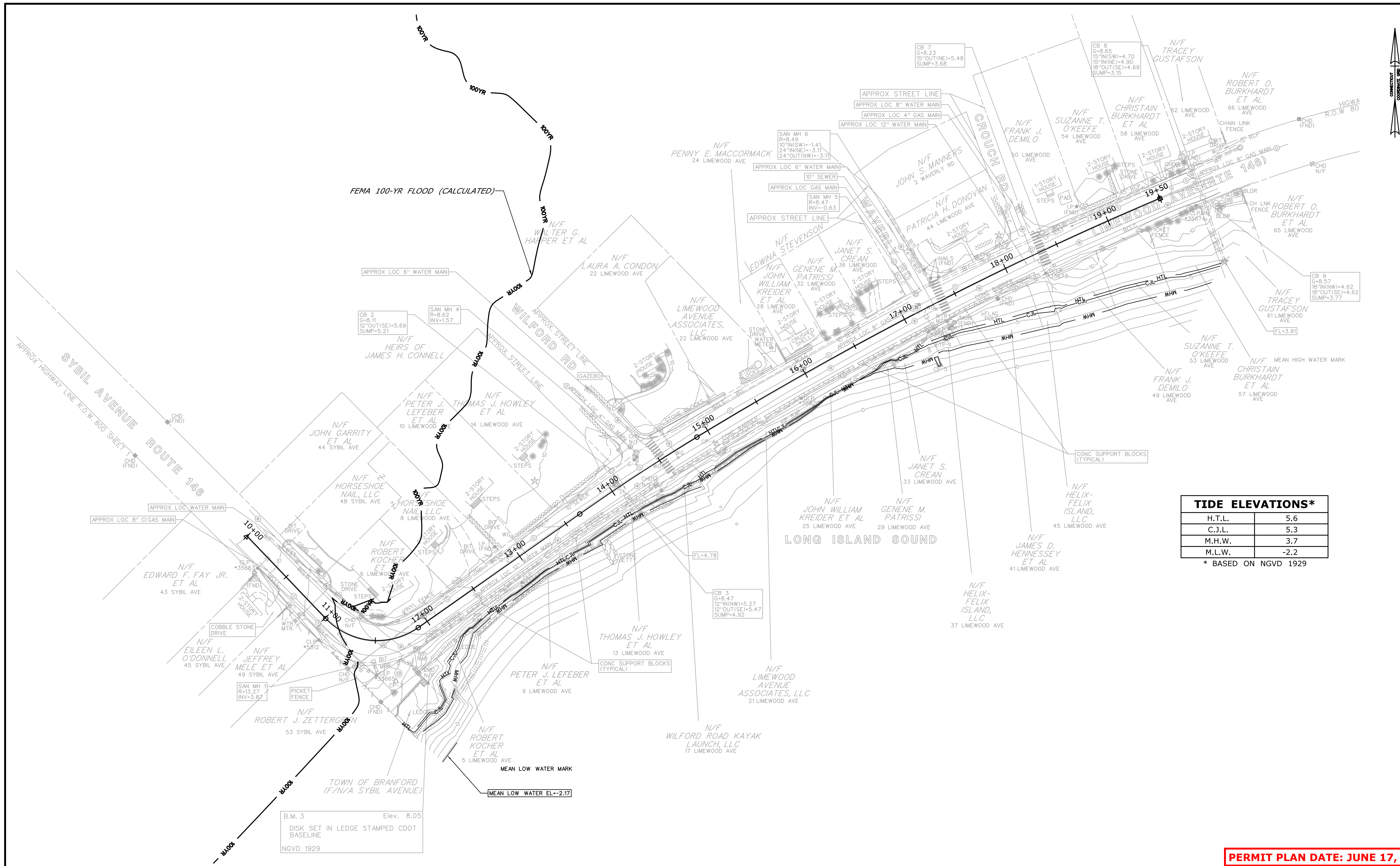
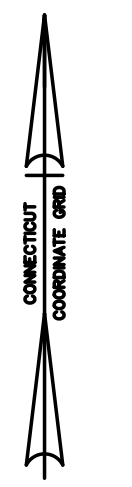
LOCATION PLAN  
USGS QUADRANGLE TOPOGRAPHIC MAP  
BRANFORD QUAD MAP

SCALE: 1" = 1000'

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											DRAWING TITLE: <b>TITLE SHEET</b>	DRAWING NO. <b>PMT-01</b>	SHEET NO.



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TIDE ELEVATIONS*	
H.T.L.	5.6
C.J.L.	5.3
M.H.W.	3.7
M.L.W.	-2.2

\* BASED ON NGVD 1929

**PERMIT PLAN DATE: JUNE 17, 2019**

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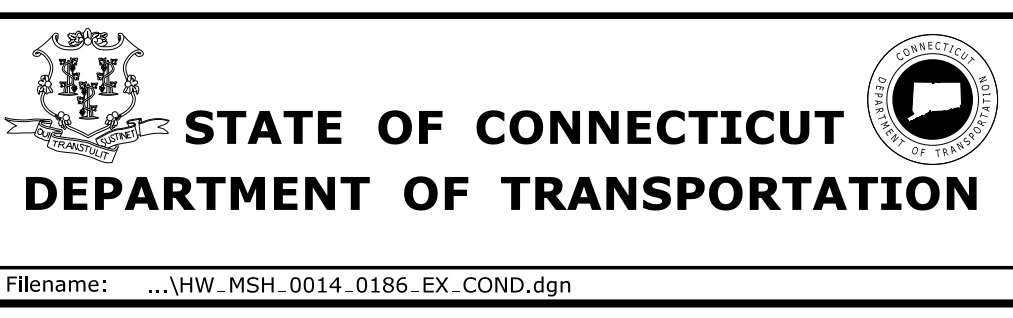
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Plotted Date: 6/17/2019

DESIGNER/DRAFTER:  
**C. SEARCH**

CHECKED BY:  
**S. ARESCO**

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SCALE 1"=40'



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BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:

PROJECT TITLE:  
**CT ROUTE 146**  
**SEAWALL REHABILITATION**

TOWN:  
**BRANFORD**

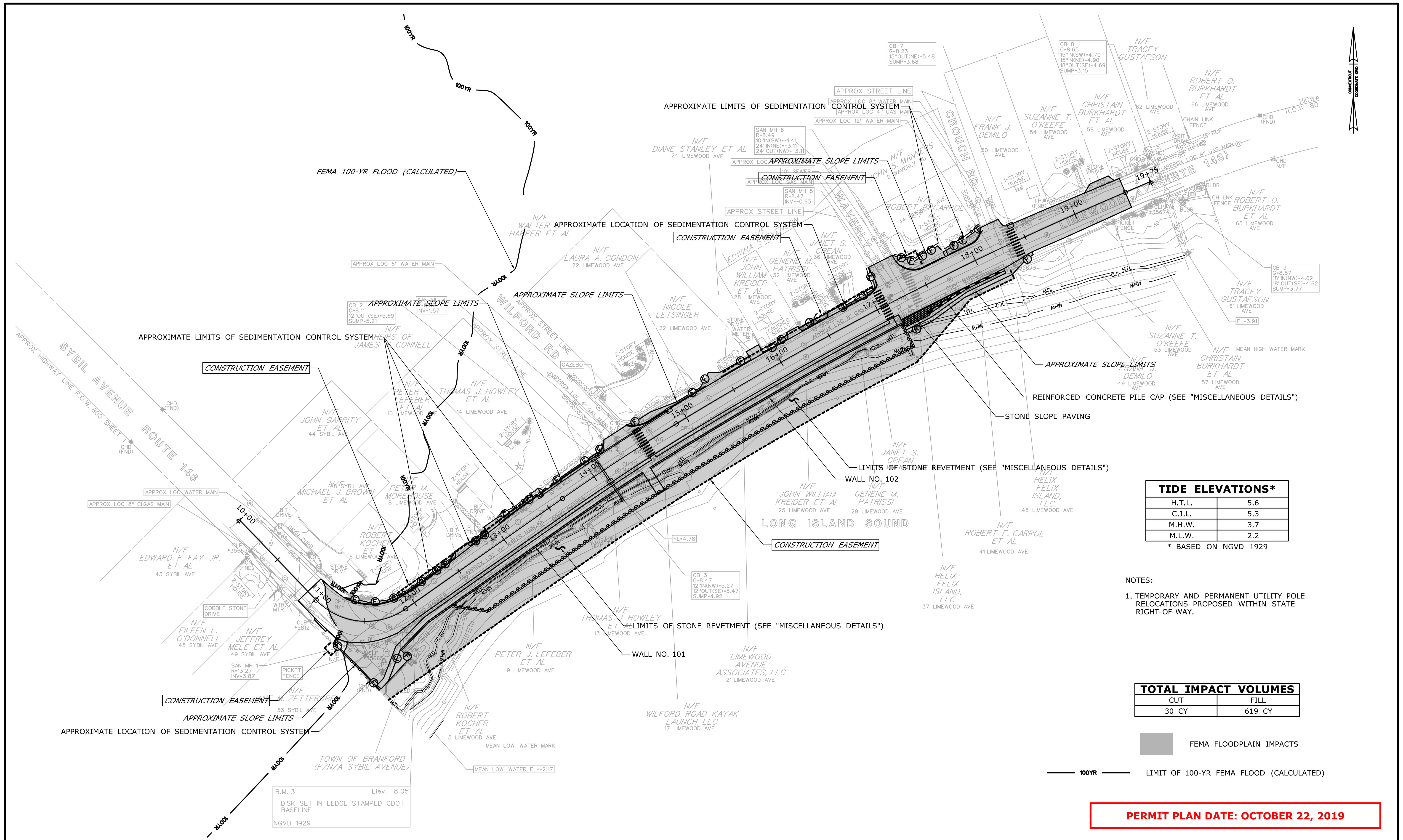
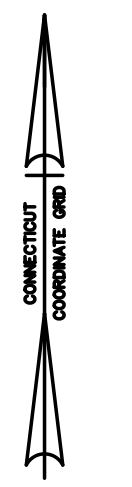
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**EXISTING CONDITIONS**

PROJECT NO.  
**014-186**

DRAWING NO.  
**PMT-02**

SHEET NO.





TIDE ELEVATIONS*	
H.T.L.	5.6
C.J.L.	5.3
M.H.W.	3.7
M.L.W.	-2.2

\* BASED ON NGVD 1929

- NOTES:
- TEMPORARY AND PERMANENT UTILITY POLE RELOCATIONS PROPOSED WITHIN STATE RIGHT-OF-WAY.

TOTAL IMPACT VOLUMES	
CUT	FILL
30 CY	619 CY

FEMA FLOODPLAIN IMPACTS

100YR LIMIT OF 100-YR FEMA FLOOD (CALCULATED)

**PERMIT PLAN DATE: OCTOBER 22, 2019**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 10/24/2019

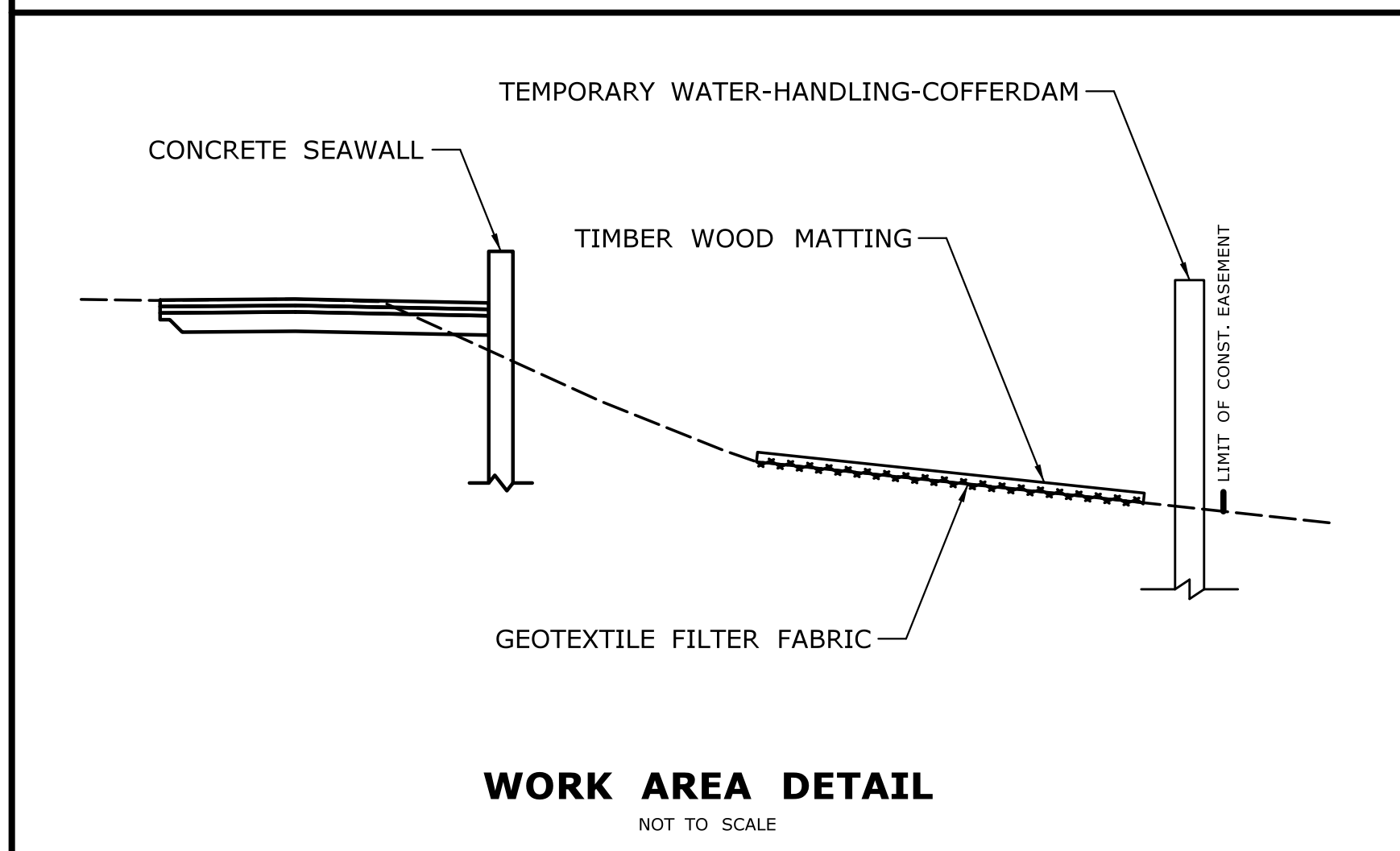
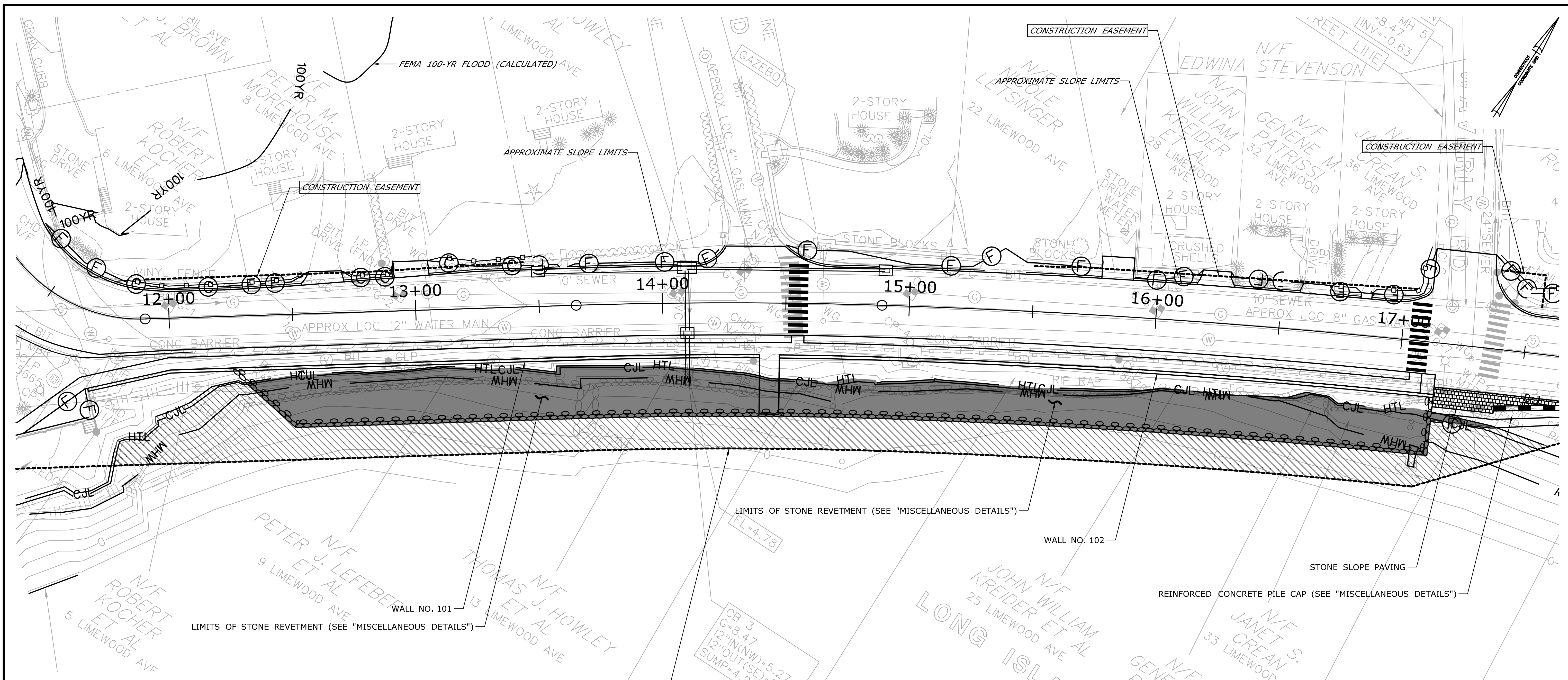
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 STATE OF CONNECTICUT  
 DEPARTMENT OF TRANSPORTATION  
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 APPROVED BY:

PROJECT TITLE:  
**CT ROUTE 146  
 SEAWALL REHABILITATION**

TOWN: **BRANFORD**  
 DRAWING TITLE: **FEMA IMPACTS**

PROJECT NO. **014-186**  
 DRAWING NO. **PMT-03**  
 SHEET NO.



**PERMIT PLAN DATE: OCTOBER 22, 2019**

**LEGEND**

	TOTAL PERMANENT IMPACTS
	TOTAL TEMPORARY IMPACTS

**TIDE ELEVATIONS\***

H.T.L.	5.6
C.J.L.	5.3
M.H.W.	3.7
M.L.W.	-2.2

\* BASED ON NGVD 1929

**COASTAL IMPACT SUMMARY**

	TEMPORARY		PERMANENT		TOTAL	
	(SF)	(AC)	(SF)	(AC)	(SF)	(AC)
H.T.L. TO M.H.W.	1,080	0.025	2,313	0.053	3,393	0.078
C.J.L. TO M.H.W.	926	0.021	1,889	0.043	2,815	0.065
BELOW M.H.W.	7,216	0.166	6,429	0.148	13,645	0.313

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 10/24/2019

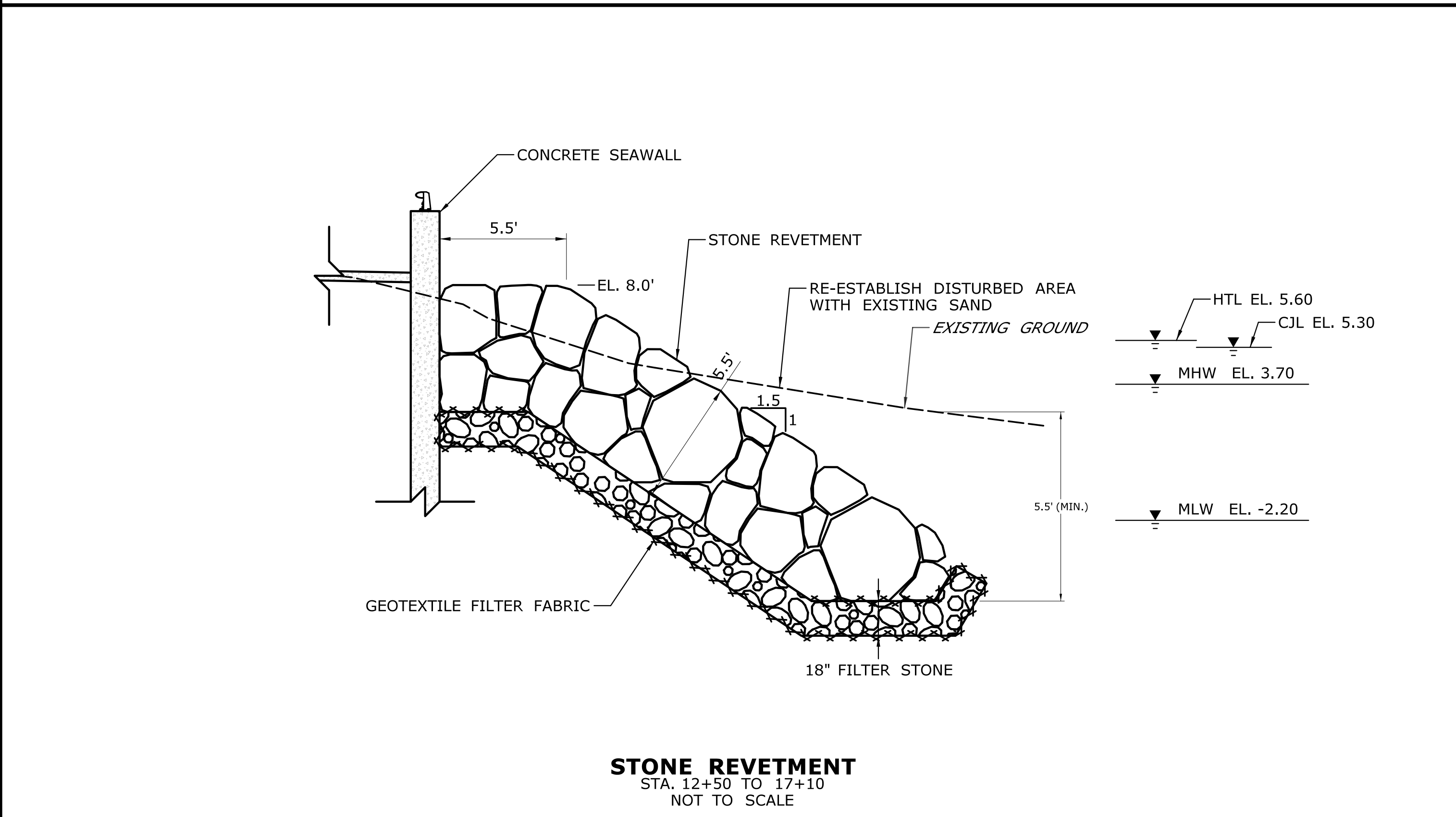
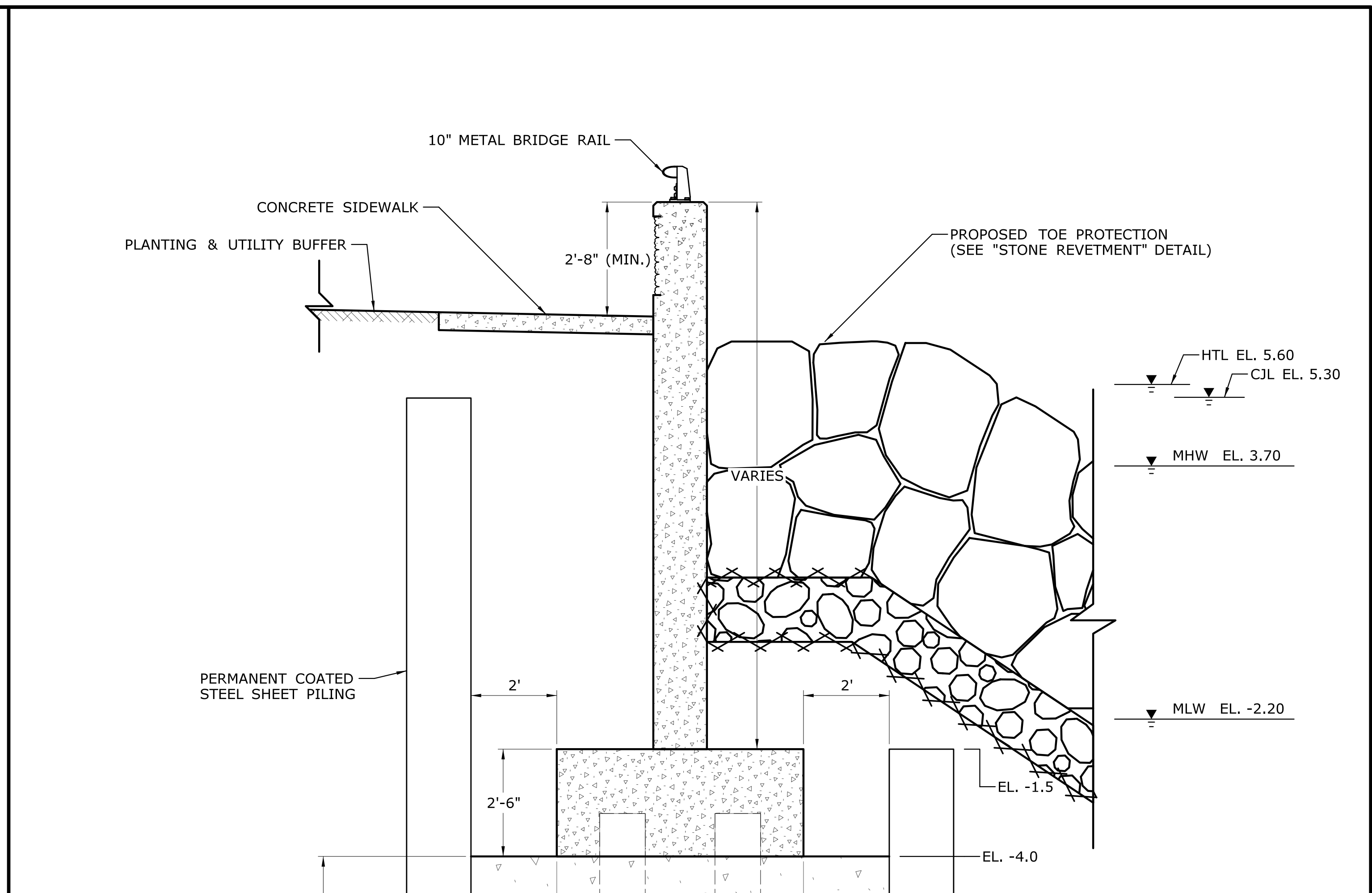
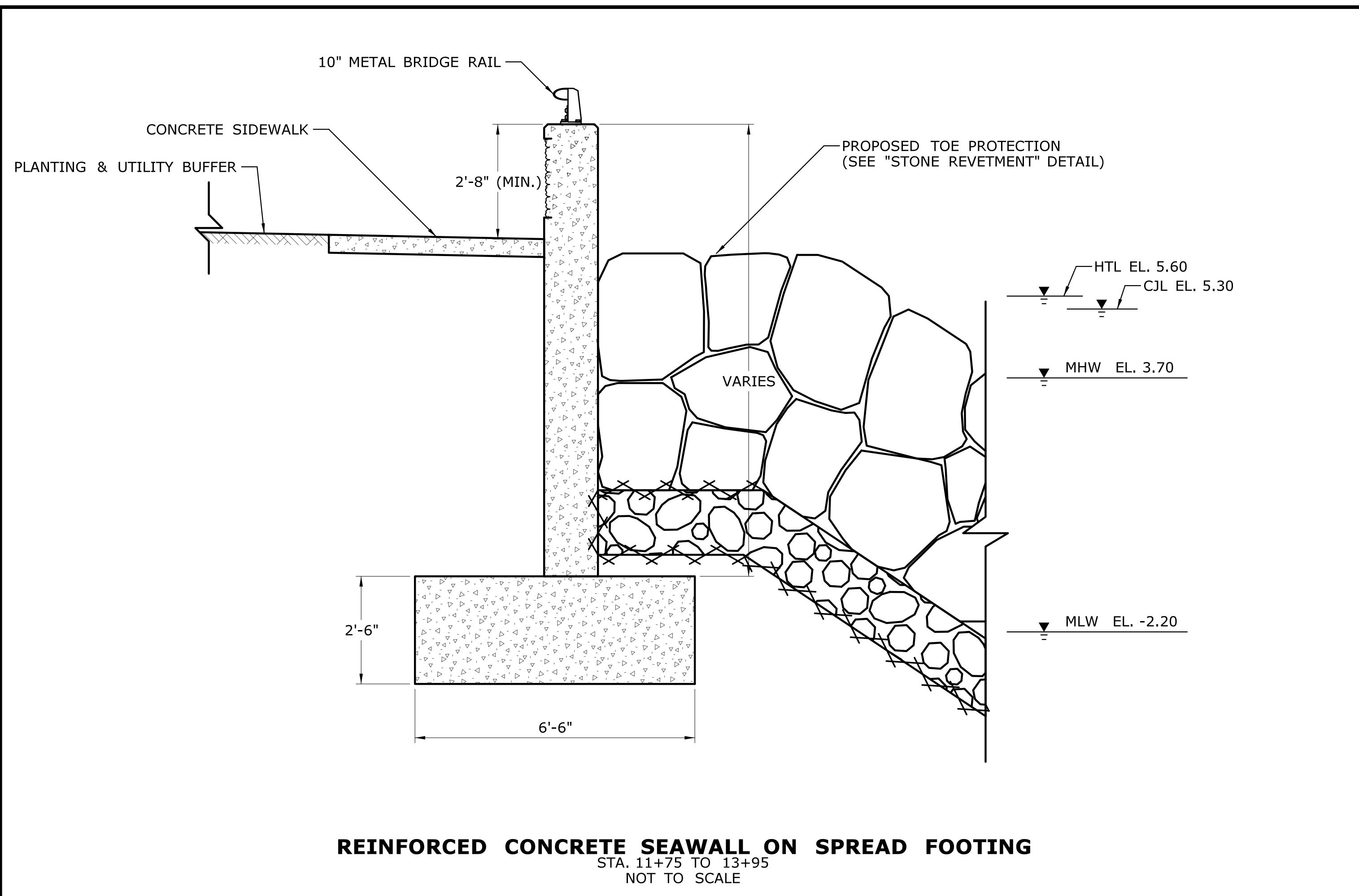
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 CHECKED BY: S. ARESCO  
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**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**

SIGNATURE/BLOCK:  
**OFFICE OF ENGINEERING**  
 APPROVED BY:

PROJECT TITLE:  
**CT ROUTE 146**  
**SEAWALL REHABILITATION**

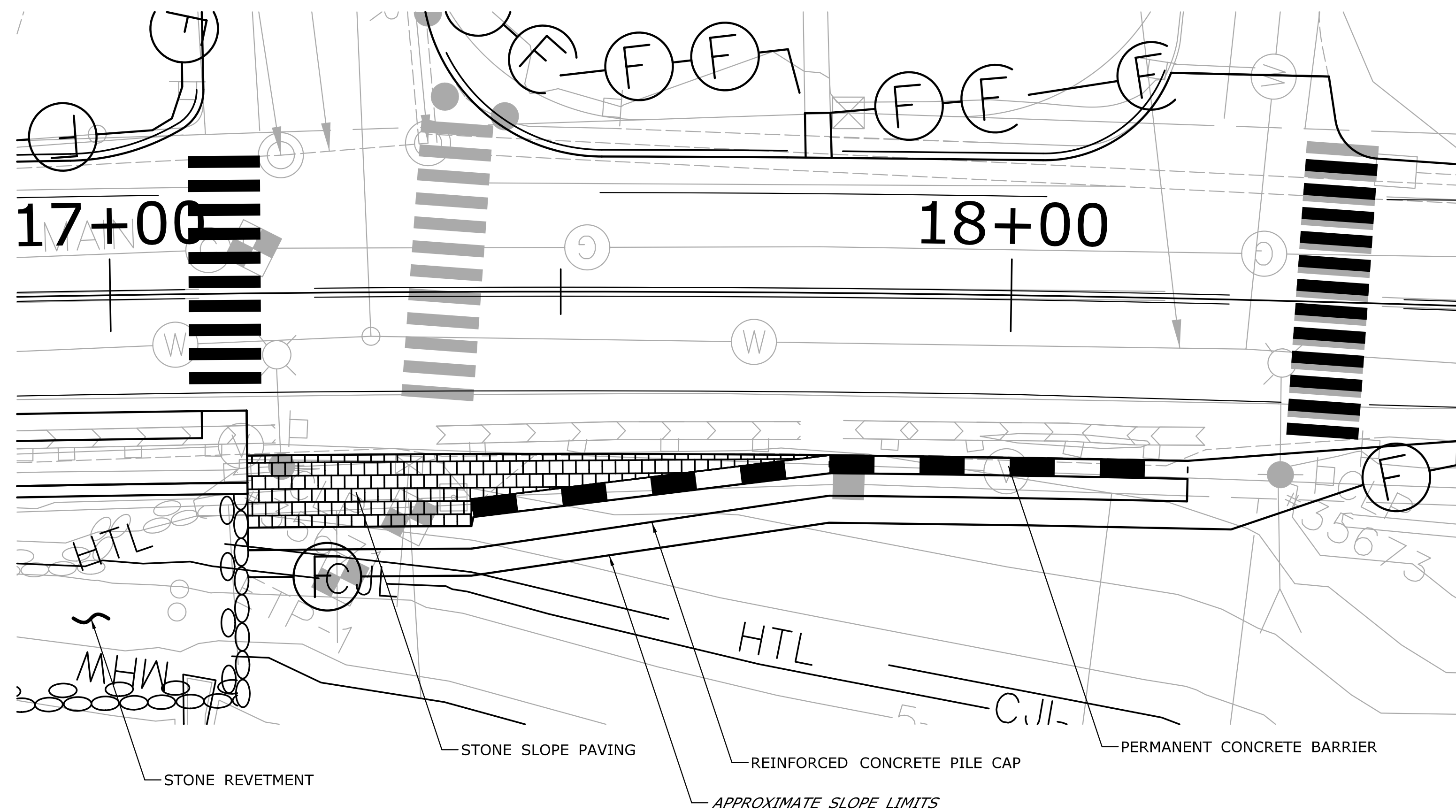
TOWN: **BRANFORD**  
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PROJECT NO. **014-186**  
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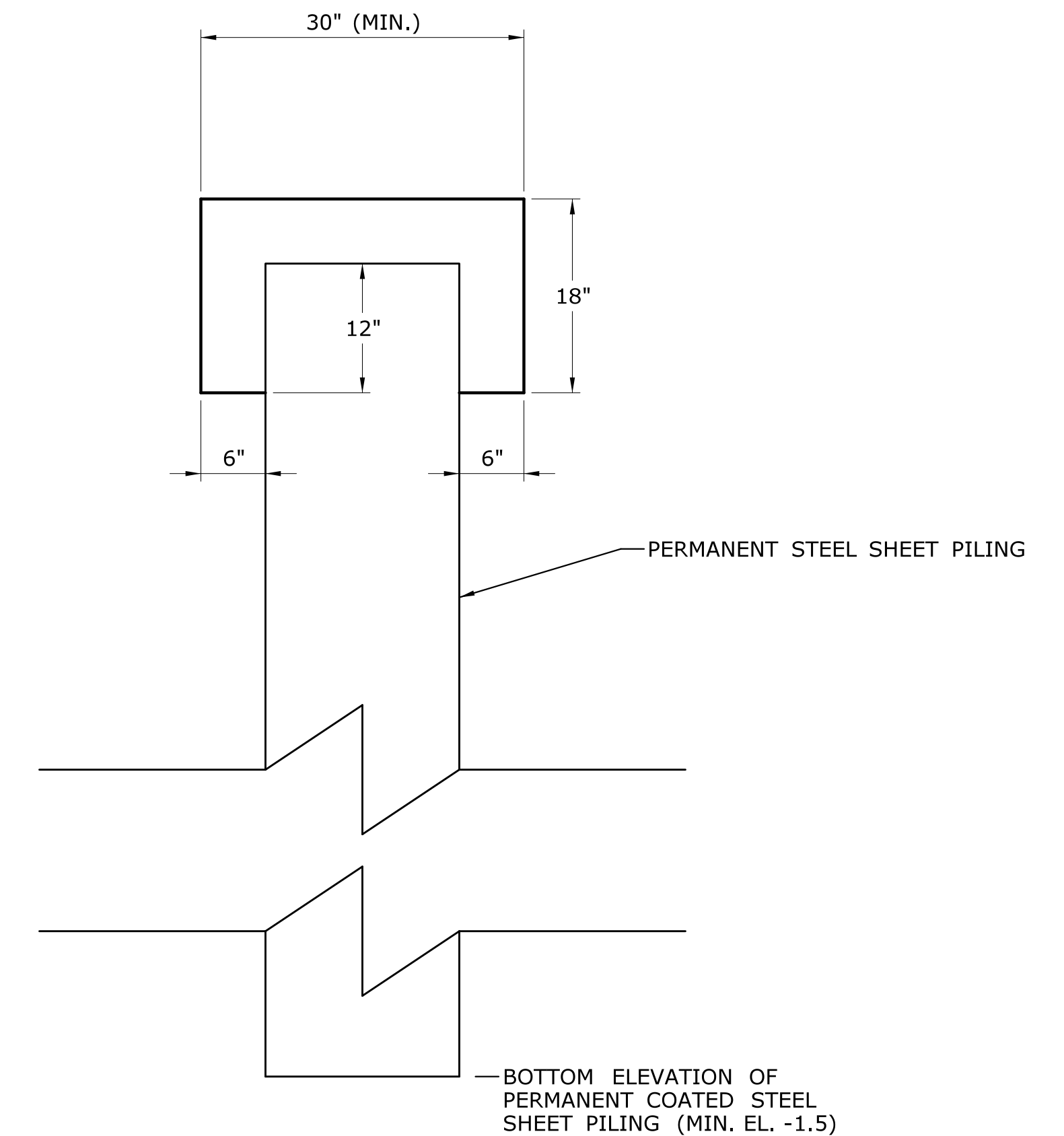


**PERMIT PLAN DATE: SEPTEMBER 3, 2019**

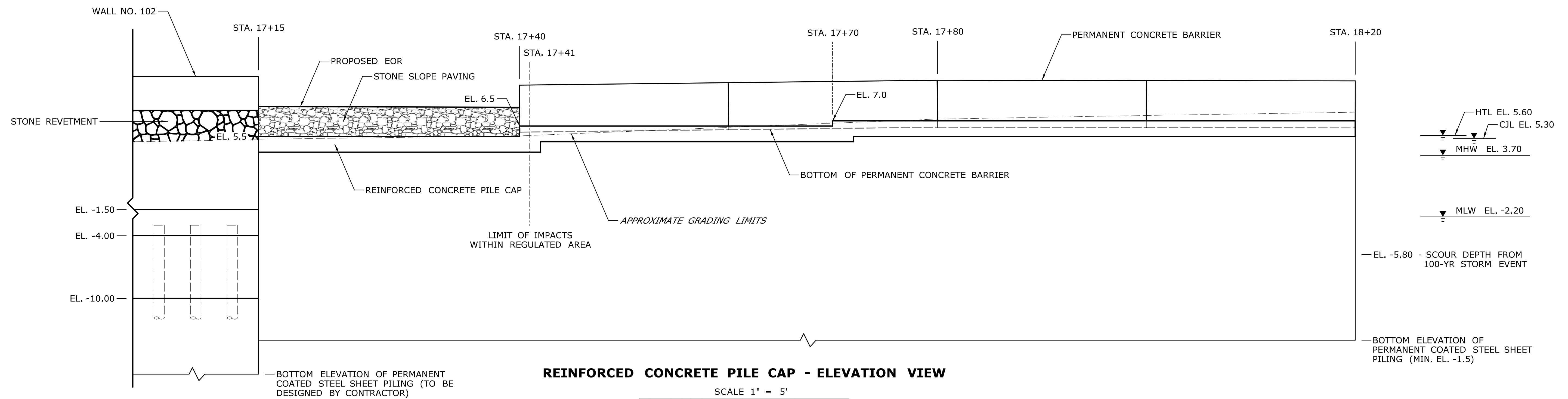
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>C. SEARCH</b> CHECKED BY: <b>S. ARESKO</b> SCALE AS NOTED	<b>STATE OF CONNECTICUT</b> DEPARTMENT OF TRANSPORTATION Filename: ...VHW_MSH_0014_0186_MDS-01.dgn	SIGNATURE/BLOCK: <b>OFFICE OF ENGINEERING</b> APPROVED BY:	PROJECT TITLE: <b>CT ROUTE 146 SEAWALL REHABILITATION</b>	TOWN: <b>BRANFORD</b>	PROJECT NO. <b>014-186</b> DRAWING NO. <b>PMT-05</b> SHEET NO.	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 9/24/2019	<b>MISCELLANEOUS DETAILS</b>			



**REINFORCED CONCRETE PILE CAP - PLAN VIEW**



**REINFORCED CONCRETE PILE CAP DETAIL**  
NOT TO SCALE



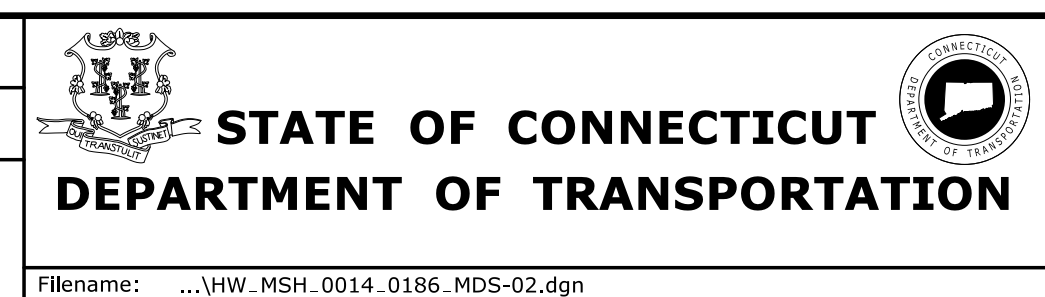
**REINFORCED CONCRETE PILE CAP - ELEVATION VIEW**



**PERMIT PLAN DATE: JUNE 17, 2019**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 6/17/2019

DESIGNER/DRAFTER:  
**C. SEARCH**  
CHECKED BY:  
**J. BELROSE**  
SCALE AS NOTED

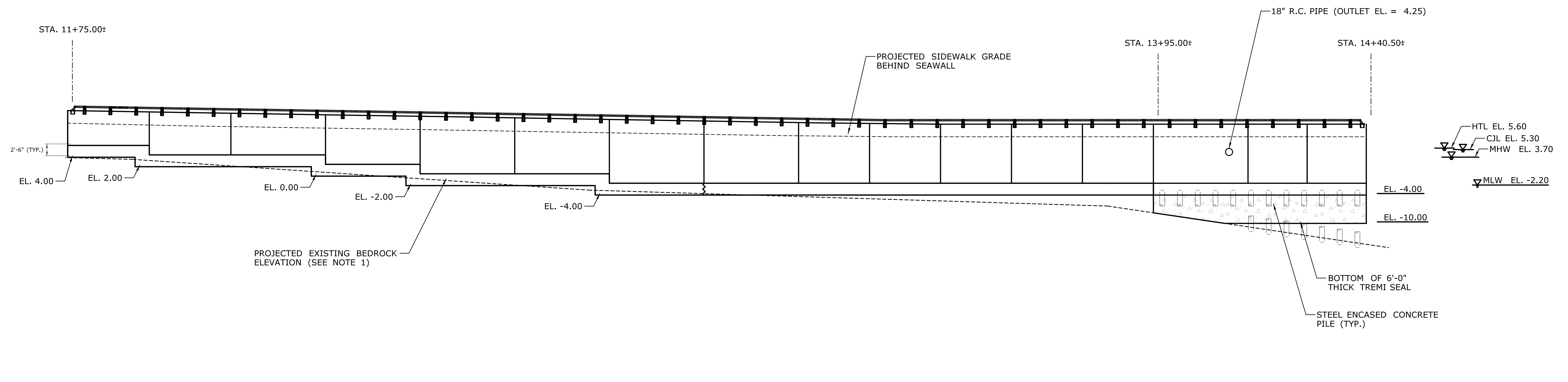


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APPROVED BY:

PROJECT TITLE:  
**CT ROUTE 146**  
**SEAWALL REHABILITATION**

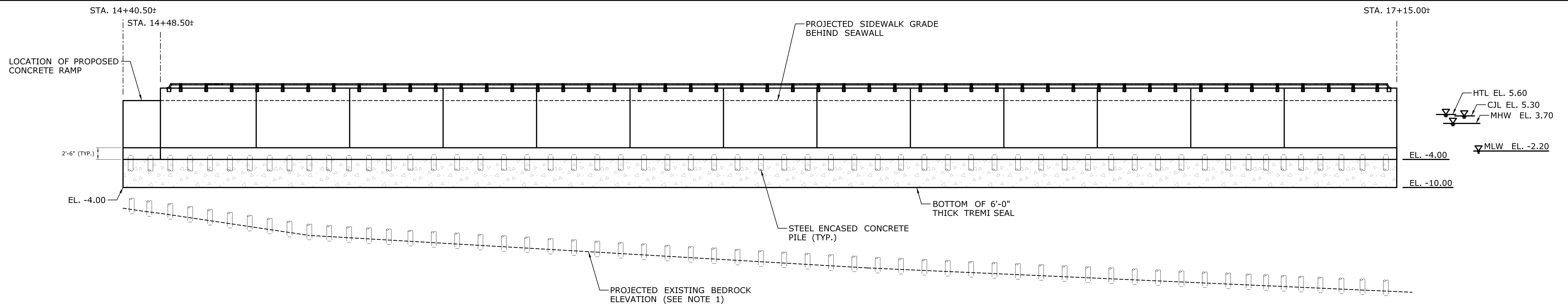
TOWN:  
**BRANFORD**  
DRAWING TITLE:  
**MISCELLANEOUS DETAILS**

PROJECT NO.  
**014-186**  
DRAWING NO.  
**PMT-06**  
SHEET NO.



**ELEVATION VIEW - WALL NO. 101**  
NOT TO SCALE

NOTES:  
1. ELEVATIONS OF EXISTING BEDROCK ARE BASED ON LIMITED FIELD INVESTIGATIONS AND MAY VARY FROM WHAT IS DEPICTED IN PLANS.

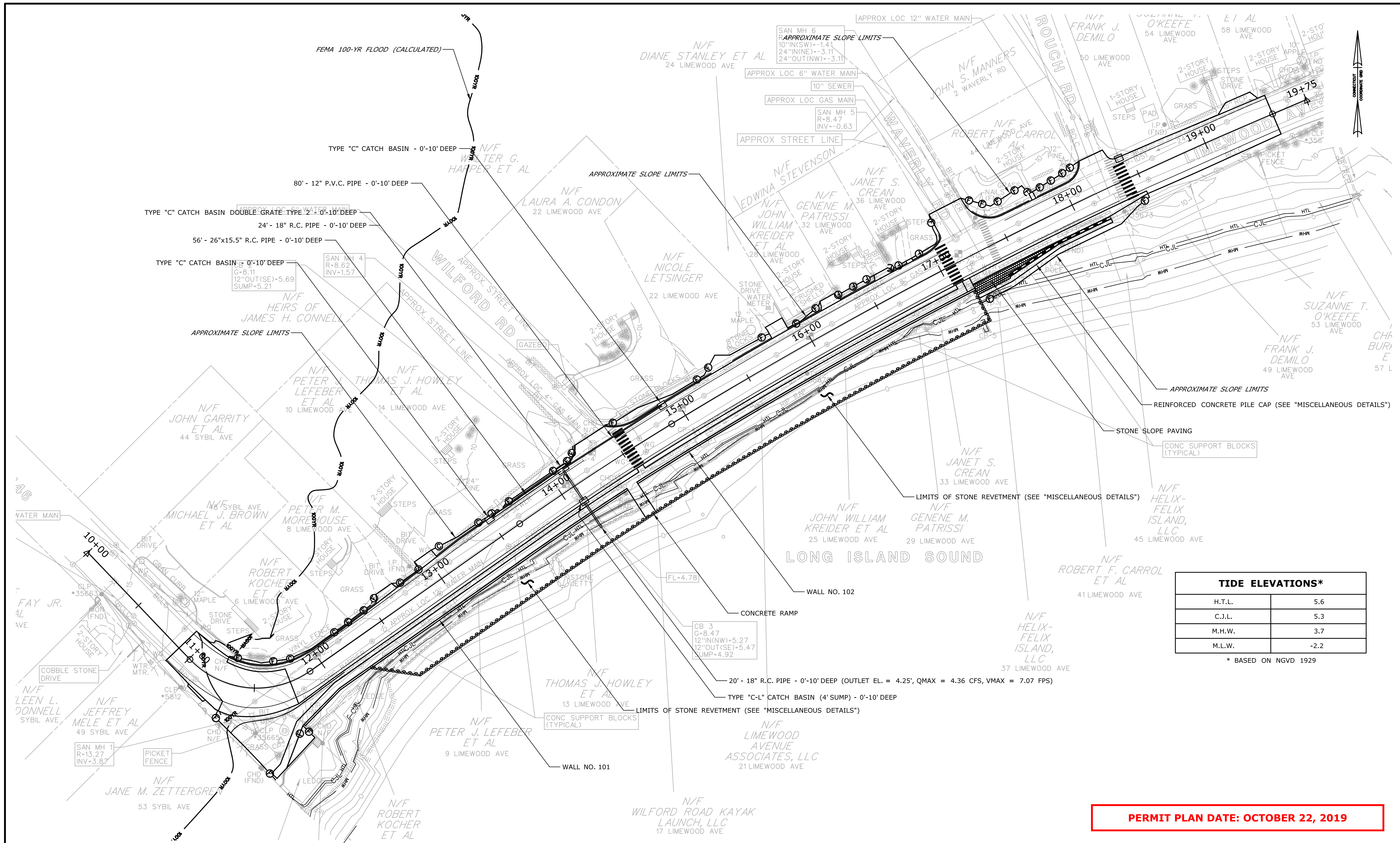


**ELEVATION VIEW - WALL NO. 102**  
NOT TO SCALE

NOTES:  
1. ELEVATIONS OF EXISTING BEDROCK ARE BASED ON LIMITED FIELD INVESTIGATIONS AND MAY VARY FROM WHAT IS DEPICTED IN PLANS.

**PERMIT PLAN DATE: OCTOBER 22, 2019**

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 10/22/2019	DRAWING TITLE: <b>SEAWALL ELEVATION VIEW</b>		



TIDE ELEVATIONS*	
H.T.L.	5.6
C.J.L.	5.3
M.H.W.	3.7
M.L.W.	-2.2

\* BASED ON NGVD 1929

**PERMIT PLAN DATE: OCTOBER 22, 2019**

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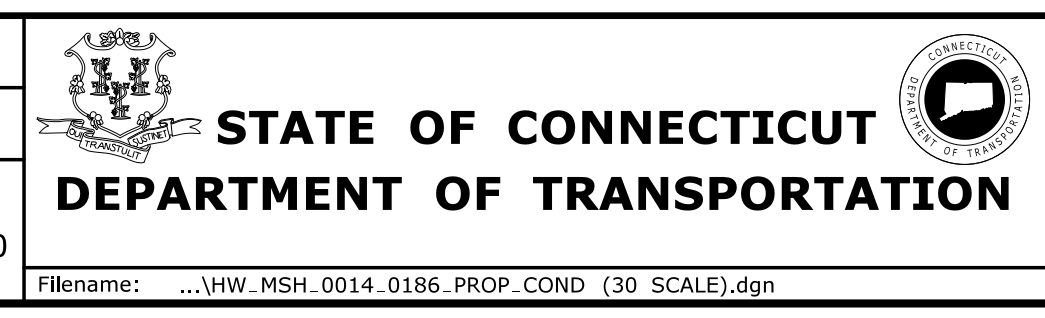
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Plotted Date: 10/22/2019

DESIGNER/DRAFTER:  
**C. SEARCH**

CHECKED BY:  
**J. BELROSE**

SCALE IN FEET  
**SCALE 1"=30'**



SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:

PROJECT TITLE:  
**CT ROUTE 146  
SEAWALL REHABILITATION**

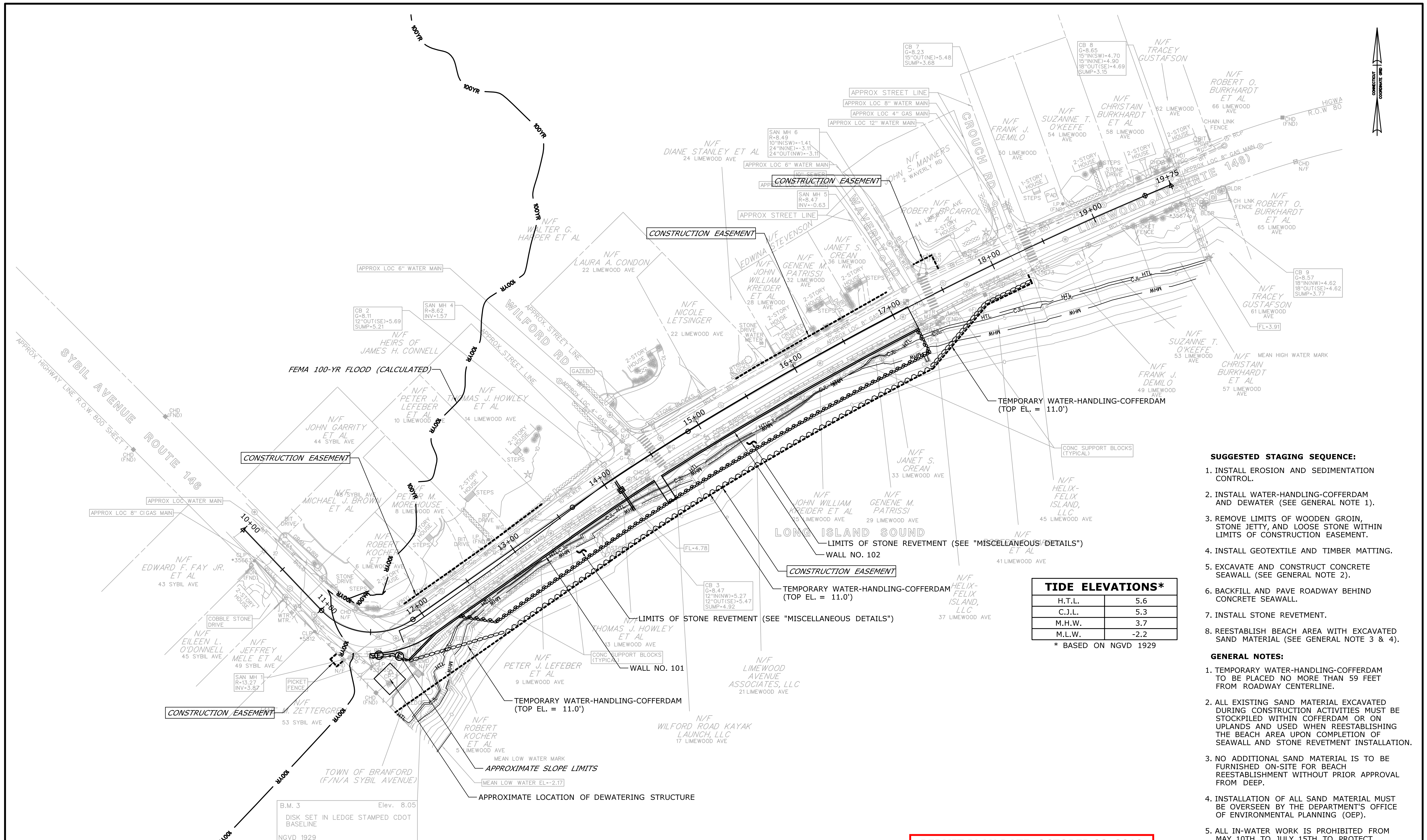
TOWN:  
**BRANFORD**

DRAWING TITLE:  
**PROPOSED CONDITIONS**

PROJECT NO.  
**014-186**

DRAWING NO.  
**PMT-08**

SHEET NO.



- SUGGESTED STAGING SEQUENCE:**
1. INSTALL EROSION AND SEDIMENTATION CONTROL.
  2. INSTALL WATER-HANDLING-COFFERDAM AND DEWATER (SEE GENERAL NOTE 1).
  3. REMOVE LIMITS OF WOODEN GROIN, STONE JETTY, AND LOOSE STONE WITHIN LIMITS OF CONSTRUCTION EASEMENT.
  4. INSTALL GEOTEXTILE AND TIMBER MATTING.
  5. EXCAVATE AND CONSTRUCT CONCRETE SEAWALL (SEE GENERAL NOTE 2).
  6. BACKFILL AND PAVE ROADWAY BEHIND CONCRETE SEAWALL.
  7. INSTALL STONE REVETMENT.
  8. REESTABLISH BEACH AREA WITH EXCAVATED SAND MATERIAL (SEE GENERAL NOTE 3 & 4).

**TIDE ELEVATIONS\***

H.T.L.	5.6
C.J.L.	5.3
M.H.W.	3.7
M.L.W.	-2.2

\* BASED ON NGVD 1929

- GENERAL NOTES:**
1. TEMPORARY WATER-HANDLING-COFFERDAM TO BE PLACED NO MORE THAN 59 FEET FROM ROADWAY CENTERLINE.
  2. ALL EXISTING SAND MATERIAL EXCAVATED DURING CONSTRUCTION ACTIVITIES MUST BE STOCKPILED WITHIN COFFERDAM OR ON UPLANDS AND USED WHEN REESTABLISHING THE BEACH AREA UPON COMPLETION OF SEAWALL AND STONE REVETMENT INSTALLATION.
  3. NO ADDITIONAL SAND MATERIAL IS TO BE FURNISHED ON-SITE FOR BEACH REESTABLISHMENT WITHOUT PRIOR APPROVAL FROM DEEP.
  4. INSTALLATION OF ALL SAND MATERIAL MUST BE OVERSEEN BY THE DEPARTMENT'S OFFICE OF ENVIRONMENTAL PLANNING (OEP).
  5. ALL IN-WATER WORK IS PROHIBITED FROM MAY 10TH TO JULY 15TH TO PROTECT HORSESHOE CRAB SPAWNING AND EGG DEVELOPMENT.

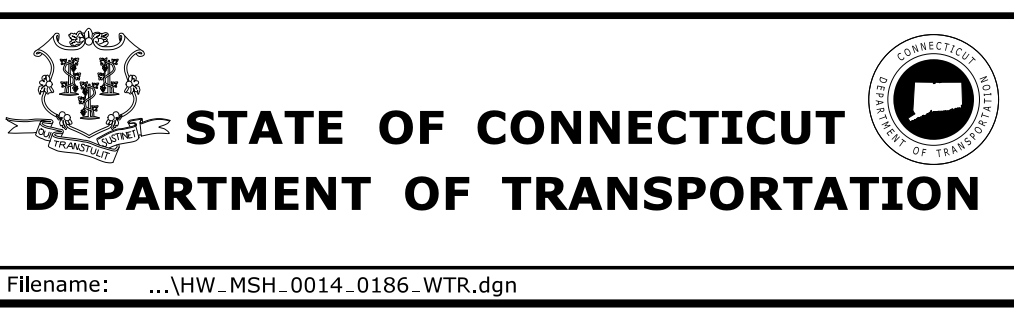
**PERMIT PLAN DATE: OCTOBER 22, 2019**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 10/22/2019

DESIGNER/DRAFTER:  
**C. SEARCH**

CHECKED BY:  
**S. ARESCO**

SCALE IN FEET  
**SCALE 1"=40'**



SIGNATURE/BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:

PROJECT TITLE:  
**CT ROUTE 146 SEAWALL REHABILITATION**

TOWN:  
**BRANFORD**

PROJECT NO.:  
**014-186**

DRAWING NO.:  
**PMT-09**

DRAWING TITLE:  
**HANDLING WATER PLAN**

SHEET NO.



**US Army Corps  
of Engineers**®  
New England District

**WORK-START NOTIFICATION FORM**  
(Minimum Notice: Two weeks before work begins)

\*\*\*\*\*

EMAIL TO: [Charlotte.R.Skolnick@usace.army.mil](mailto:Charlotte.R.Skolnick@usace.army.mil) and [cenae-r@usace.army.mil](mailto:cenae-r@usace.army.mil); or

MAIL TO: Charlotte Skolnick  
Regulatory Division  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, Massachusetts 01742-2751

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Corps of Engineers Permit No. NAE-2019-00659 was issued to CTDOT. This work is located in Long Island Sound and authorized the replacement of a seawall, stone revetment, and stone slope paving in approximately 17,042 SF (permanent and temporary impacts) below High Tide Line.

The people (e.g., contractor) listed below will do the work, and they understand the permit's conditions and limitations.

**PLEASE PRINT OR TYPE**

Name of Person/Firm: \_\_\_\_\_

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone & email: ( ) \_\_\_\_\_ ( ) \_\_\_\_\_

Proposed Work Dates: Start: \_\_\_\_\_ Finish: \_\_\_\_\_

Permittee/Agent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Date Permit Issued: \_\_\_\_\_ Date Permit Expires: \_\_\_\_\_

\*\*\*\*\*

**FOR USE BY THE CORPS OF ENGINEERS**

PM: Charlotte Skolnick Submittals Required: \_\_\_\_\_

Inspection Recommendation: \_\_\_\_\_





79 Elm Street • Hartford, CT 06106-5127

[www.ct.gov/deep](http://www.ct.gov/deep)

Affirmative Action/Equal Opportunity Employer

April 23, 2020

Date \_\_\_\_\_

Connecticut Department of Transportation  
c/o Kimberly C. Lesay  
P.O. Box 317546, Newington, CT 06131

SUBJECT: DEEP License #: 201912887  
Route 146 between Sybil Avenue and Crouch Road, Brandford, CT 06405

Dear Mrs. Lesay:

Please find attached a copy of your subject license and relevant enclosures which are being issued pursuant to your application of October 25, 2019. Your attention is directed to the conditions of the license. All work must conform to that which is specifically authorized.

Any work in regulated areas of the State which has not been authorized by a valid license is a violation of state law and subject to enforcement action by the Department of Energy & Environmental Protection and the Office of the Attorney General.

Your initiation of authorized activities will be relied upon as your agreement to comply with the terms and conditions of the license.

If you have not already done so, you should contact your local Planning and Zoning Office and the U. S. Army Corps of Engineers to determine local and federal permit requirements on your project, if any. Write the Corps' New England District, Regulatory Branch, 696 Virginia Road, Concord, MA 01742-2751; <http://www.nae.usace.army.mil/> or call 1-800-343-4789.

If you should have any questions or concerns, please contact me at 860-424-4125, or [Alexander.Ericson@ct.gov](mailto:Alexander.Ericson@ct.gov).

Sincerely,

*Alexander Ericson*  
Alexander Ericson, Civil Engineer 1  
Land & Water Resources Division  
Bureau of Water Protection & Land Reuse

Encl(s): License # 201912887 ; Compliance Certification Form ; LWRD General Conditions

cc: File 201912887

cc (via email): Kimberly Lesay, CTDOT [Kimberly.Lesay@ct.gov](mailto:Kimberly.Lesay@ct.gov)  
Joseph Belrose, CTDOT [Joe.Belrose@ct.gov](mailto:Joe.Belrose@ct.gov)

**Connecticut Department of Energy and Environmental Protection License\***

**Flood Management Certification Approval**

<b>Licensee(s):</b>	Connecticut Department of Transportation
<b>Licensee Address(s):</b>	P.O. Box 317546 Newington, CT 06131
<b>License Number(s):</b>	201912887-FM
<b>Municipality:</b>	Branford
<b>Project Description:</b>	Rehabilitation of Seawall along CT Route 146 for flood & erosion control.
<b>Project Address/Location:</b>	Route 146 between Sybil Avenue and Crouch Road
<b>Waters:</b>	Long Island Sound
<b>Authorizing CT Statute(s) and/or Federal Law:</b>	CGS Section 25-68b to h
<b>Applicable Regulations of CT State Agencies:</b>	25-68h-1 to 3
<b>Agency Contact:</b>	Land & Water Resources Division, Bureau of Water Protection & Land Reuse, 860-424-3019
<b>License Expiration:</b>	Five (5) years from the date of issuance of this license.
<b>Project Site Plan Set:</b>	9 Sheets of plans Titled “ <i>Connecticut Department of Transportation Environmental Permit Plans for CT Route 146 Seawall Rehabilitation</i> ”, Prepared by CT DOT and Dated September 24, 2019.
<b>License Enclosures:</b>	Compliance Certification Form, LWRD General Conditions

\*Connecticut’s Uniform Administrative Procedure Act defines License to include, “*the whole or part of any agency permit, certificate, approval, registration, charter or similar form of permission required by law . . .*”

**Authorized Activities:**

The Licensee is hereby authorized to conduct the following work as described in application # 201912887 and as depicted on any site plan sheets / sets cited herein:

1. Replacement of an existing concrete wall and stone revetment with a 540 foot concrete wall consisting of approximately 209 feet of gravity type wall founded on shallow bedrock and 320 feet of a retaining wall founded on a micro-pile footing.
2. Construction of a stone revetment waterward of the proposed wall consistent with the project site plans cited herein.
3. Full depth reconstruction of Route 146 (Limewood Avenue) in the project area.
4. Reconstruction of the roadway drainage system as follows:
  - a. Replacement of two existing catch basins with updated structures; and,
  - b. Installation of two additional catch basins on the westbound side of Route 146 with new pipe connections consistent with the project site plans cited herein.

***Failure to comply with the terms and conditions of this license shall subject the Licensee and / or the Licensee's contractor(s) to enforcement actions and penalties as provided by law.***

**This license is subject to the following Terms and Conditions:**

1. **License Enclosure(s) and Conditions.** The Licensee shall comply with all applicable terms and conditions as may be stipulated within the License Enclosure(s) listed above.
2. **Time of Year Restriction.** Unconfined in-water excavation, dredging, filling or removal of debris or other material is prohibited between May 1<sup>st</sup> and June 30<sup>th</sup>, inclusive, of any year in order to protect Horseshoe Crabs in the area unless otherwise authorized in writing by the Commissioner.
3. **Beach Access and Public Interest.** Work is prohibited between June 1<sup>st</sup> and August 1<sup>st</sup> to provide public access to the beach and to protect public interest.

Issued under the authority of the Commissioner of Energy and Environmental Protection on:

April 23, 2020

\_\_\_\_\_  
Date



\_\_\_\_\_  
Brian P. Thompson  
Division Director  
Land & Water Resources Division

## **General Conditions for Land & Water Resources Division Licenses**

- 1. Land Record Filing (for Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only).** The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance. If a Land Record Filing form is not enclosed and the work site is not associated with an upland property, no filing is required.
- 2. Contractor Notification.** The Licensee shall give a copy of the license and its attachments to the contractor(s) who will be carrying out the authorized activities prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The Licensee's contractor(s) shall conduct all operations at the site in full compliance with the license and, to the extent provided by law, may be held liable for any violation of the terms and conditions of the license. At the work site, the contractor(s) shall, whenever work is being performed, have on site and make available for inspection a copy of the license and the authorized plans.
- 3. Work Commencement<sup>1</sup>.** Not later than two (2) weeks prior to the commencement of any work authorized herein, the Licensee shall submit to the Commissioner, on the Work Commencement Form attached hereto, the name(s) and address(es) of all contractor(s) employed to conduct such work and the expected date for commencement and completion of such work, if any.
  - For water diversion activities authorized pursuant to 22a-377(c)-1 of the Regulations of Connecticut State Agencies, the Licensee shall also notify the Commissioner in writing two weeks prior to initiating the authorized diversion.
  - For emergency activities authorized pursuant Connecticut General Statutes Section 22a-6k, the Licensee shall notify the Commissioner, in writing, of activity commencement at least one (1) day prior to construction and of activity completion no later than five (5) days after conclusion.
- 4. For Coastal Licenses Only - License Notice.** The Licensee shall post the first page of the License in a conspicuous place at the work area while the work authorized therein is undertaken.
- 5. Unauthorized Activities.** Except as specifically authorized, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be

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<sup>1</sup> The Work Commencement condition and the need for a Work Commencement Form is not applicable to Flood Management Certification approvals.

deposited, placed or stored in any wetland or watercourse on or off-site. The Licensee may not conduct work within wetlands or watercourses other than as specifically authorized, unless otherwise authorized in writing by the Commissioner. Tidal wetlands means “wetland” as defined by section 22a-29 and “freshwater wetlands and watercourses” means “wetlands” and “watercourses” as defined by section 22a-38.

6. **Unconfined Instream Work.** Unless otherwise noted in a condition of the license, the following conditions apply to projects in non-coastal waters:
  - Unconfined instream work is limited to the period June 1 through September 30.
  - Confinement of a work area by cofferdam techniques using sand bag placement, sheet pile installation (vibratory method only), portadam, or similar confinement devices is allowed any time of the year. The removal of such confinement devices is allowed any time of the year.
  - Once a work area has been confined, in-water work within the confined area is allowed any time of the year.
  - The confinement technique used shall completely isolate and protect the confined area from all flowing water. The use of silt boom/curtain or similar technique as a means for confinement is prohibited.
7. **For State Actions Only - Material or Equipment Storage in the Floodplain.** Unless approved by a Flood Management Exemption, the storage of any materials at the site which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, or which could in the event of a flood be injurious to human, animal or plant life, below the elevation of the five-hundred (500) year flood is prohibited. Any other material or equipment stored at the site below said elevation by the Licensee or the Licensee's contractor must be firmly anchored, restrained or enclosed to prevent flotation. The quantity of fuel stored below such elevation for equipment used at the site shall not exceed the quantity of fuel that is expected to be used by such equipment in one day. In accordance with the licensee’s Flood Contingency Plan, the Licensee shall remove equipment and materials from the floodplain during periods when flood warnings have been issued or are anticipated by a responsible federal, state or local agency. It shall be the Licensee’s responsibility to obtain such warnings when flooding is anticipated.
8. **Temporary Hydraulic Facilities for Water Handling.** If not reviewed and approved as a part of the license application, temporary hydraulic facilities shall be designed by a qualified professional and in accordance with the *Connecticut Guidelines for Soil Erosion and Sediment Control*, the *2004 Connecticut Stormwater Quality Manual*, or the *Department of Transportation’s ConnDOT Drainage Manual*, as applicable. Temporary hydraulic facilities may include channels, culverts or bridges which are required for haul roads, channel relocations, culvert installations, bridge construction, temporary roads, or detours.
9. **Excavated Materials.** Unless otherwise authorized, all excavated material shall be staged and managed in a manner which prevents additional impacts to wetlands and watercourses.
10. **Best Management Practices.** The Licensee shall not cause or allow pollution of any wetlands or watercourses, including pollution resulting from sedimentation and erosion. In constructing

or maintaining any authorized structure or facility or conducting any authorized activity, or in removing any such structure or facility, the Licensee shall employ best management practices to control storm water discharges, to prevent erosion and sedimentation, and to otherwise prevent pollution of wetlands and other waters of the State. For purposes of the license, “pollution” means “pollution” as that term is defined by CGS section 22a-423. Best Management Practices include, but are not limited, to practices identified in the *Connecticut Guidelines for Soil Erosion and Sediment Control* as revised, *2004 Connecticut Stormwater Quality Manual*, Department of Transportation’s *ConnDOT Drainage Manual* as revised, and the Department of Transportation Standard Specifications as revised.

**11. Work Site Restoration.** Upon completion of any authorized work, the Licensee shall restore all areas impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.

**12. Inspection.** The Licensee shall allow any representative of the Commissioner to inspect the project location at reasonable times to ensure that work is being or has been conducted in accordance with the terms and conditions of this license.

**13. Change of Use. (Applies only if a use is specified within the License “Project Description”)**

- a. The work specified in the license is authorized solely for the purpose set forth in the license. No change in purpose or use of the authorized work or facilities as set forth in the license may occur without the prior written approval of the Commissioner. The Licensee shall, prior to undertaking or allowing any change in use or purpose from that which is authorized by this license, request permission from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.
- b. A change in the form of ownership of any structure authorized herein from a rental/lease commercial marina to a wholly-owned common interest community or dockominium may constitute a change in purpose as specified in paragraph (a) above.

**14. De Minimis Alteration.** The Licensee shall not deviate from the authorized activity without prior written approval from the Commissioner. The Licensee may request a de minimis change to any authorized structure, facility, or activity. A de minimis alteration means a change in the authorized design, construction or operation that individually and cumulatively has minimal additional environmental impact and does not substantively alter the project as authorized.

- For diversion activities authorized pursuant to 22a-377(c)-2 of the Regulations of Connecticut State Agencies, a de minimis alteration means an alteration which does not significantly increase the quantity of water diverted or significantly change the capacity to divert water.

**15. Extension Request.** The Licensee may request an extension of the license expiration date. Such request shall be in writing and shall be submitted to the Commissioner at least thirty (30) days prior to the license expiration. Such request shall describe the work done to date, what work still needs to be completed, and the reason for such extension. It shall be the Commissioner’s sole discretion to grant or deny such request.

- 16. Compliance Certification.** Not later than 90 days after completion of the authorized work, the Licensee shall prepare and submit to the Commissioner the attached Compliance Certification Form. Such Compliance Certification shall be completed, signed, and sealed by the Licensee and a Connecticut Licensed Design Professional. If non-compliance is indicated on the form, or the Commissioner has reason to believe the activities and/or structures were conducted in non-compliance with the license, the Commissioner may require the Licensee to submit as-built plans as a condition of this license.
- 17. Maintenance.** The Licensee shall maintain all authorized structures or work in optimal condition or shall remove such structures or facility and restore the affected waters to their pre-work condition. Any such maintenance or removal activity shall be conducted in accordance with applicable law and any additional approvals required by law.
- 18. No Work After License Expiration.** Work conducted after the license expiration date is a violation of the license and may subject the licensee to enforcement action, including penalties, as provided by law.
- 19. License Transfer.** The license is not transferable without prior written authorization of the Commissioner. A request to transfer a license shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Licensee's obligations under the license shall not be affected by the passage of title to the license site to any other person or municipality until such time as a transfer is approved by the Commissioner.
- 20. Document Submission.** Any document required to be submitted to the Commissioner under the license or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:
- Regulatory Section  
Land & Water Resources Division  
Department of Energy and Environmental Protection  
79 Elm Street  
Hartford, Connecticut 06106-5127  
860-424-3019
- 21. Date of Document Submission.** The date of submission to the Commissioner of any document required by the license shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under the license, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three (3) days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in the license, the word "day" as used in the license means calendar day. Any document or action which is required by the license to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.
- 22. Certification of Documents.** Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under the license shall be signed by the Licensee and by the individual or individuals responsible for actually preparing such

document, each of whom shall certify in writing as follows: “I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense.”

**23. Accuracy of Documentation.** In evaluating the application for the license, the Commissioner has relied on information and data provided by the Licensee and on the Licensee’s representations concerning site conditions, design specifications and the proposed work, including but not limited to representations concerning the commercial, public or private nature of the work or structures, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, the license may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.

**24. Limits of Liability.** In granting the license, the Commissioner has relied on all representations of the Licensee, including information and data provided in support of the Licensee’s application. Neither the Licensee’s representations nor the issuance of the license shall constitute an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.

**25. Reporting of Violations.** In the event that the Licensee becomes aware that they did not or may not comply, or did not or may not comply on time, with any provision of this license or of any document incorporated into the license, the Licensee shall immediately notify the agency contact specified within the license and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the agency contact, the Licensee shall provide, for the agency’s review and written approval, a report including the following information:

- a. the provision(s) of the license that has been violated;
- b. the date and time the violation(s) was first observed and by whom;
- c. the cause of the violation(s), if known;
- d. if the violation(s) has ceased, the duration of the violation(s) and the exact date(s) and times(s) it was corrected;
- e. if the violation(s) has not ceased, the anticipated date when it will be corrected;
- f. steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented; and
- g. the signatures of the Licensee and of the individual(s) responsible for actually preparing such report.

If the violation occurs outside of normal business hours, the Licensee shall contact the Department of Energy and Environmental Protection Emergency Dispatch at 860-424-3333. The Licensee shall comply with any dates which may be approved in writing by the



Commissioner.

- 26. Revocation/Suspension/Modification.** The license may be revoked, suspended, or modified in accordance with applicable law.
- 27. Other Required Approvals.** License issuance does not relieve the Licensee of their obligations to obtain any other approvals required by applicable federal, state and local law.
- 28. Rights.** The license is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.
- 29. Condition Conflicts.** In the case where a project specific special condition listed on the license differs from, or conflicts with, one of the general conditions listed herein, the project specific special condition language shall prevail. It is the licensee's responsibility to contact the agency contact person listed on the license for clarification if needed prior to conducting any further regulated activities.



## Compliance Certification Form

The following certification must be signed by the licensee working in consultation with a Connecticut-licensed design professional and must be submitted to the address indicated at the end of this form within ninety (90) days of completion of the authorized work.

1. Licensee Name: _____ DEEP License Number(s): _____ Municipality in which project is occurring: _____	
2. <b>Check one:</b> (a) <input type="checkbox"/> "I certify that the final site conditions and / or structures are in general conformance with the approved site plans". Identify and describe any deviations and attach to this form. (b) <input type="checkbox"/> "The final site conditions and / or structures are not in general conformance with the approved site plans. The enclosed "as-built" plans note the modifications".	
3. "I understand that any false statement in this certification is punishable as a criminal offence under section 53a-157b of the General Statutes and under any other applicable law."	
_____ Signature of Licensee	_____ Date
_____ Name of Licensee (print or type)	
_____ Signature of CT-Licensed Design Professional	_____ Date
_____ Name of CT-Licensed Design Professional (print or type)	
_____ Professional License Number (if applicable)	Affix Stamp Here
<ul style="list-style-type: none"> <li>As-built plans shall include: elevations or tidal datums, as applicable, and structures, including any proposed elevation views and cross sections included in the approved license plans. Such as-built plans shall be the original ones and be signed and sealed by an engineer, surveyor or architect, as applicable, who is licensed in the State of Connecticut.</li> <li>The Licensee will be notified by staff of the Land and Water Resources Division (LWRD) if further compliance review is necessary. Lack of response by LWRD staff does not imply compliance.</li> </ul>	
Submit this completed form to : <b>Regulatory Section</b> <b>Department of Energy and Environmental Protection</b> <b>Land &amp; Water Resources Division</b> <b>79 Elm Street</b> <b>Hartford, CT 06106-5127</b>	