



## LWRD License Application Pre-Submission Consultation Form Harbor Management Commission

You need to complete and submit this form only if your town has a [Harbor Management Commission](#).

**To the applicant-** Prior to the submission of your license application to the Connecticut Department of Energy and Environmental Protection (DEEP) Land & Water Resources Division (LWRD), please complete Part I, below, and submit this form to your local harbor management commission (contact the town for the appropriate contact person) with a location map of your site and project plans. Once the commission returns the completed form to you, please submit it along with your license application to DEEP.

### Part I: To be completed by APPLICANT

#### 1. Applicant/Registrant Information

Name: Edward Bombaci

Mailing Address: PO Box 220

City/Town: Hadlyme

State: CT Zip Code: 06439

Business Phone: \_\_\_\_\_

Ext.: \_\_\_\_\_

Contact Person: Edward Bombaci

Title: Owner

Business Phone: 860-575-0109

Ext.: \_\_\_\_\_

E-mail: bombaciconst@aol.com

#### 2. Engineer/Surveyor/Agent Information (list as applicable)

Name: Coastline Consulting & Development, LLC

Title: Project Manager

Mailing Address: 57-B East Industrial Road

City/Town: Branford

State: CT Zip Code: 06405

Business Phone: 203-433-4486

Ext.: \_\_\_\_\_

Contact Person: David Provencher

Title: Project Manager

Business Phone: 203-433-4486

Ext.: \_\_\_\_\_

E-mail: david@coastlineconsulting-ct.com

Service Provided: Consulting

#### 3. Site Location:

Name of Site : Bombaci Family, LLC

Street Address: Great Meadow Road

City/Town: Essex

State: CT Zip Code: 06426

Tax Assessor's Reference: Map 2

Block \_\_\_\_\_ Lot 4

Name of Waterbody: Connecticut River

#### 4. Confirm location map and site plans are attached.

Date of plans: 8/12/20

#### 5. Provide or attach a brief, but thorough description of the project.

**Bombaci Family, LLC proposes to construct an elevated platform and expand an existing dock to support a marine construction business and shad fishing at their Essex property on the Connecticut River. The elevated platform will measure approximately 31' x 78' (2,154 SF) with a**

deck elevation of 7.0' MLW. The dock expansion will involve replacing the existing floating dock with a 10' x 60' main floating dock and two (2) 4' x 18' floating finger docks at the end to form a T-head (all restrained by anchor piles), and installation of four (4) dolphin tie-off piles. In addition, the applicant seeks to authorize and maintain the existing boulder/cobble shoreline.

**Part II: To be completed by HARBOR MANAGEMENT COMMISSION**

This consultation form is required to be submitted as part of an application for a Structures, Dredging & Fill license (Connecticut General Statutes (CGS) Section 22a-361) and/or Tidal Wetlands license (CGS Section 22a-32) to DEEP LWRD. The application has not yet been submitted to DEEP. Please review the enclosed materials and determine whether the project is consistent or inconsistent with your local Harbor Management Plan. You may also provide comments or recommendations regarding the proposal. The Harbor Management Commission may still provide written comments to the Commissioner during DEEP's public notice comment period. Should you have any questions regarding this process, please call LWRD at 860-424-3019. **Please return the completed form to the applicant within 60 days of receipt or consistency will be assumed.**

**HARBOR MANAGEMENT COMMISSION DETERMINATION:**

Check one of the following:

- The Commission has determined that the work as described in Part I of this form and attachments is **CONSISTENT** with the Harbor Management Plan.
- The Commission has determined that the work as described in Part I of this form and attachments is **INCONSISTENT** with the following section of the Harbor Management Plan: \_\_\_\_\_

COMMENTS/RECOMMENDATIONS (or check here if attached: ):

\_\_\_\_\_

\_\_\_\_\_  
Signature of Commission Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name of Commission Representative

\_\_\_\_\_  
Title

# WATERFRONT IMPROVEMENT PROJECT

BOMBACI FAMILY, LLC  
ESSEX, CONNECTICUT

## DRAWING LIST

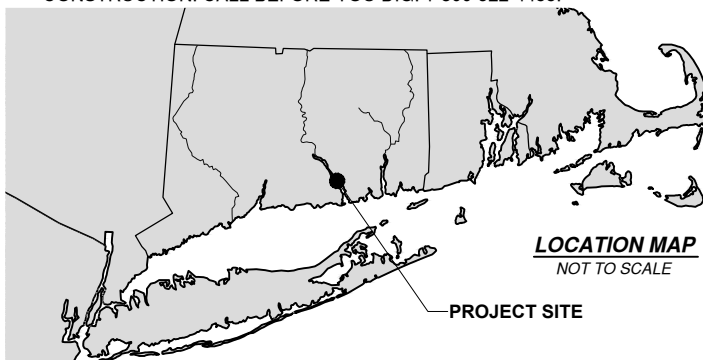
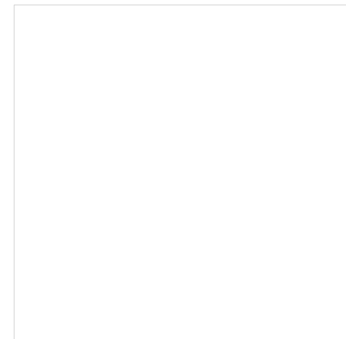
SHEET NO.	SHEET TITLE	ORIGINAL DATE	REVISION DATE	NOTES
1 OF 9	TITLE SHEET	8-12-2020		
2 OF 9	USGS TOPOGRAPHIC QUADRANGLE MAP	8-12-2020		
3 OF 9	TAX ASSESSOR'S MAP	8-12-2020		
4 OF 9	EXISTING CONDITIONS INDEX MAP	8-12-2020		
5 OF 9	EXISTING CONDITIONS PLAN	8-12-2020		
6 OF 9	PROPOSED CONDITIONS PLAN	8-12-2020		
7 OF 9	CROSS-SECTIONS A & C	8-12-2020		
8 OF 9	ELEVATION D	8-12-2020		
9 OF 9	ELEVATIONS B & E	8-12-2020		

### PROJECT NOTES

- REFERENCE IS MADE TO THE FOLLOWING MAPS:
  - "TOPOGRAPHIC SURVEY & HYDROGRAPHIC SURVEY, BOMBACI FAMILY LLC, GREAT MEADOW ROAD, ASSESSOR MAP 2, LOT 4, ESSEX, CONNECTICUT", CERTIFIED TO CLASS T-2 STANDARDS, DATED DECEMBER 30, 2019, SCALE: 1" = 30' AND CERTIFIED BY JAMES NAGLE, L.S., LIC. NO. 15195.
  - "NFIP, FLOOD INSURANCE RATE MAP, MIDDLESEX, CONNECTICUT", MAP NUMBER 09007C0269G, REVISED AUGUST 28, 2008, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
- A SUBMERGED AQUATIC VEGETATION (SAV) SURVEY WAS PERFORMED BY RICHARD SNARSKI (PROFESSIONAL WETLAND SCIENTIST #1391) ON SEPTEMBER 20, 2019. MR. SNARSKI NOTED THAT THERE IS NO SAV WITHIN 100 FEET OF THE DOCK AND BULKHEAD.
- BENCHMARK, TIDE LINES, UPLAND ELEVATIONS, AND SOUNDINGS ARE REFERENCED TO MEAN LOW WATER DATUM. A CONVERSION FACTOR OF +1.6' WAS USED TO CONVERT THE DATA FROM NAVD88 TO MLW DATUM. THE CJL (COASTAL JURISDICTION LINE) ELEVATION OF 4.4' MLW DATUM IS THE VALUE FOR ESSEX, CT AS ESTABLISHED BY THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION.

### GENERAL NOTES

- THESE DRAWINGS WERE PREPARED FROM RECORDED RESEARCH, FIELD OBSERVATIONS, DRAWINGS NOTED HEREON, AND OTHER SOURCES.
- THESE DRAWINGS ARE FOR PLANNING AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR STRUCTURAL DESIGN, BID DOCUMENTS, OR CONSTRUCTION.
- THE FEMA FLOOD LINES ARE DIGITIZED FROM A REFERENCE MAP NOTED HEREON, SHOWN TO SATISFY PERMIT REQUIREMENTS, AND NOT INTENDED FOR INSURANCE OR ELEVATION CERTIFICATE PURPOSES. BASE FLOOD ELEVATIONS ARE IN NAVD88.
- SITE MAY BE SUBJECT TO AND/OR TOGETHER WITH CERTAIN LITTORAL, RIPARIAN, OR OTHER RIGHTS AS PER THE RECORD MAY APPEAR. ANY UNDERGROUND AND/OR UNDERWATER UTILITY, STRUCTURE, AND FACILITY LOCATIONS DEPICTED AND/OR NOTED HEREON MAY HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROLE TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE LOCATIONS OF WHICH ARE UNKNOWN TO COASTLINE CONSULTING & DEVELOPMENT, LLC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION. CALL BEFORE YOU DIG: 1-800-922-4455.



**Coastline Consulting & Development**  
57-B East Industrial Road, Branford, CT 06405  
(203) 433-4486

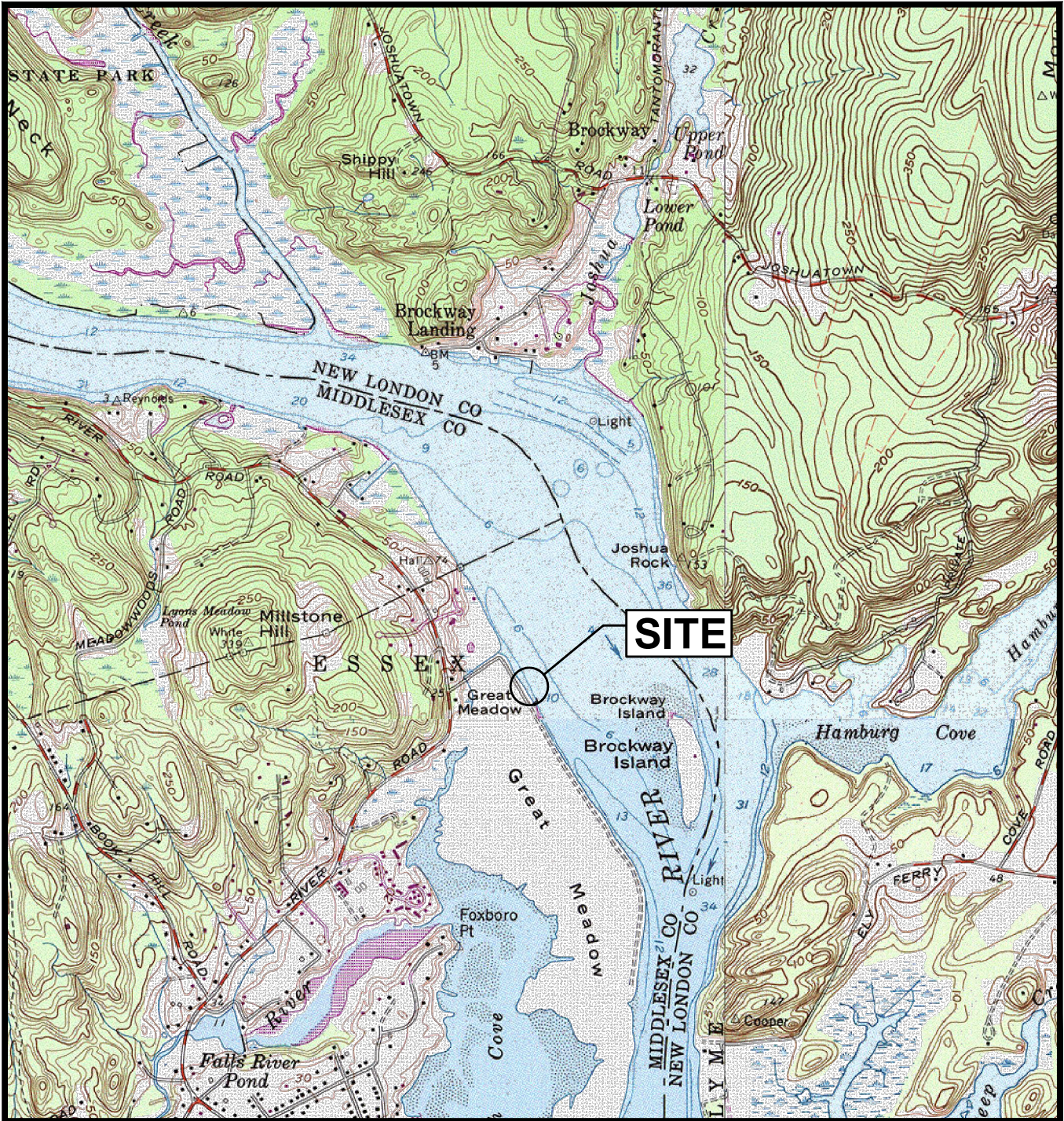
TITLE SHEET  
WATERFRONT IMPROVEMENT PROJECT

BOMBACI FAMILY, LLC  
GREAT MEADOW ROAD  
ASSESSOR MAP 2, LOT 4  
ESSEX, CONNECTICUT

8-12-2020

JOB NO. 18-110

SHEET 1 OF 9



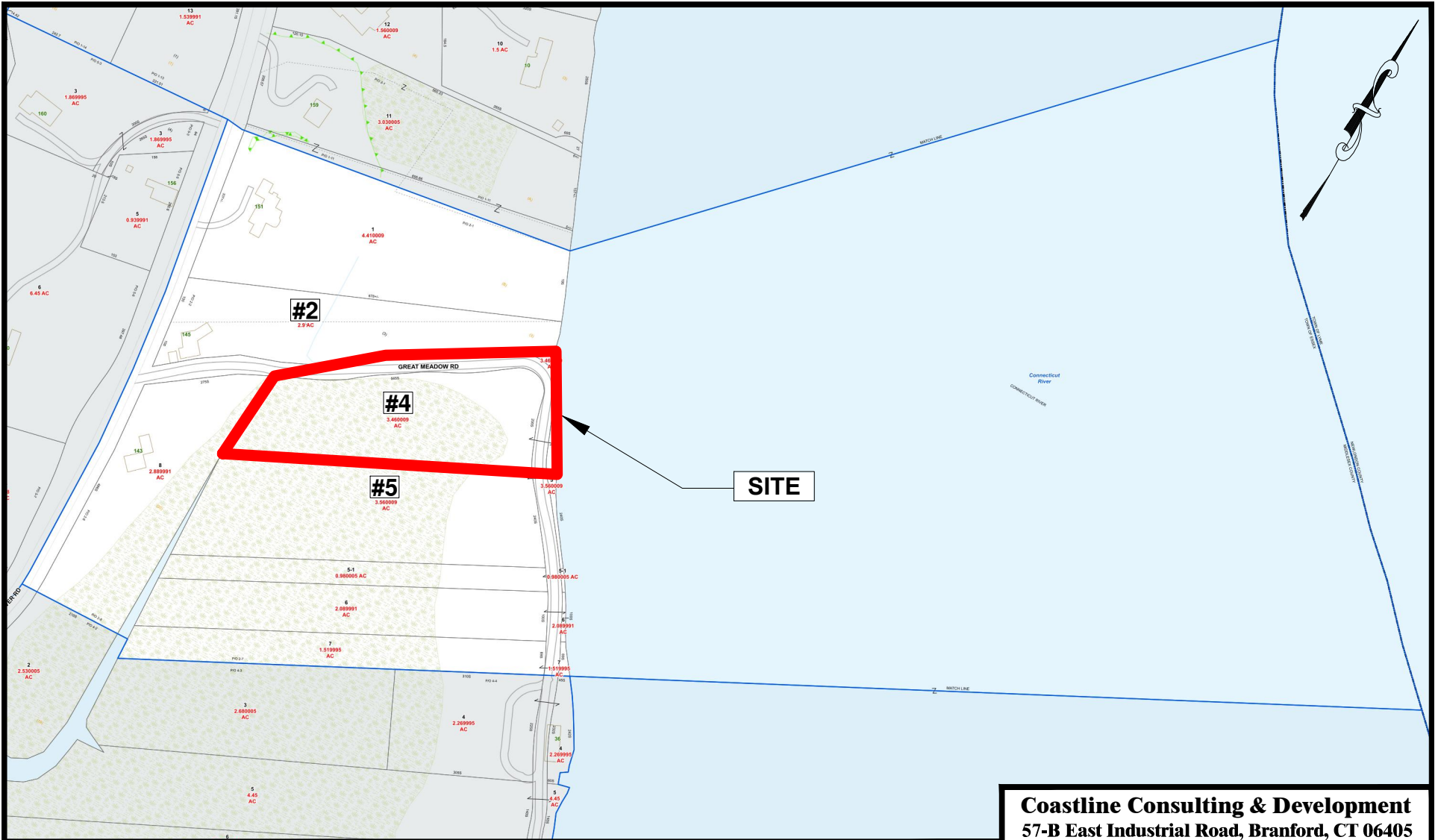
**Coastline Consulting & Development**  
 57-B East Industrial Road, Branford, CT 06405  
 (203) 433-4486

USGS TOPOGRAPHIC QUADRANGLE MAP  
WATERFRONT IMPROVEMENT PROJECT

BOMBACI FAMILY, LLC  
 GREAT MEADOW ROAD  
 ASSESSOR MAP 2, LOT 4  
 ESSEX, CONNECTICUT

MAP TAKEN FROM TOPO, INC., 7.5 MINUTE USGS TOPOGRAPHIC MAPS OF THE DEEP RIVER, CONNECTICUT, QUADRANGLE, 1960 (PHOTO INSPECTED 1976, PHOTO REVISED 1984).

8-12-2020 | SCALE: 1 = 24,000 | SHEET 2 OF 9



**SITE**

**Coastline Consulting & Development**  
 57-B East Industrial Road, Branford, CT 06405  
 (203) 433-4486

*TAX ASSESSOR'S MAP*  
**WATERFRONT IMPROVEMENT PROJECT**

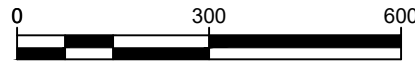
**BOMBACI FAMILY, LLC**  
 GREAT MEADOW ROAD  
 ASSESSOR MAP 2, LOT 4  
 ESSEX, CONNECTICUT

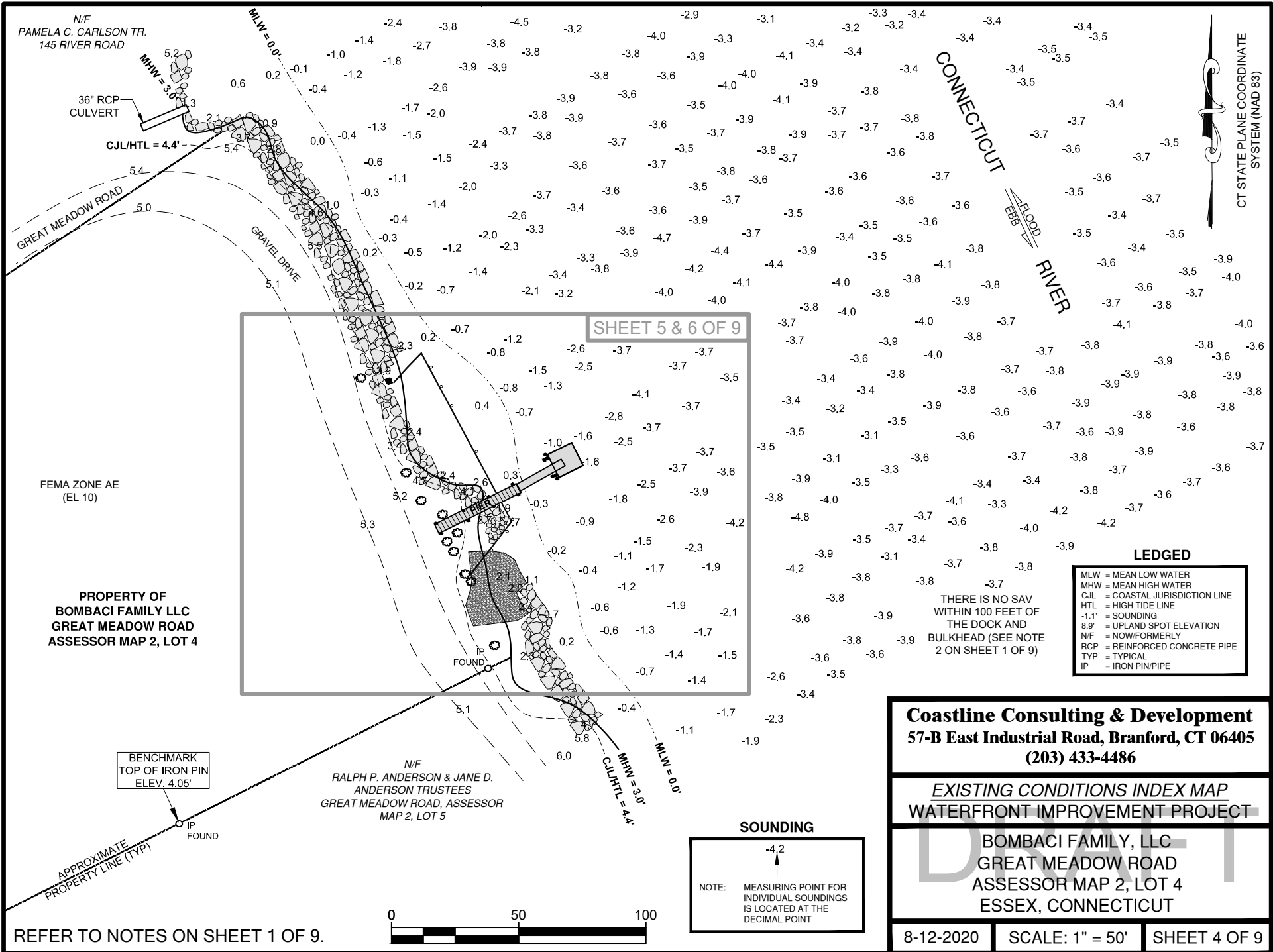
8-12-2020    SCALE: 1" = 300'    SHEET 3 OF 9

**ADJACENT WATERSIDE PROPERTY OWNERS**

LOT #	PROPERTY OWNER	PROPERTY ADDRESS	MAILING ADDRESS
#2	PAMELA C. CARLSON TR	145 RIVER RD ESSEX, CT 06426	145 RIVER RD ESSEX, CT 06426
#5	JANE D. & RALPH P. ANDERSON TRUSTEES	GREAT MEADOW RD ESSEX, CT 06426	433 BALDWIN RD CAVLISLE, MA 01741

REFERENCE IS MADE TO ASSESSOR'S  
 MAP #2 FROM ESSEX, CT GIS MAPPING.





N/F  
PAMELA C. CARLSON TR.  
145 RIVER ROAD

36" RCP  
CULVERT

CJL/HTL = 4.4'

GREAT MEADOW ROAD

GRAVEL DRIVE

CONNECTICUT RIVER

CT STATE PLANE COORDINATE SYSTEM (NAD 83)

SHEET 5 & 6 OF 9

FEMA ZONE AE  
(EL 10)

PROPERTY OF  
BOMBACI FAMILY LLC  
GREAT MEADOW ROAD  
ASSESSOR MAP 2, LOT 4

N/F  
RALPH P. ANDERSON & JANE D.  
ANDERSON TRUSTEES  
GREAT MEADOW ROAD, ASSESSOR  
MAP 2, LOT 5

BENCHMARK  
TOP OF IRON PIN  
ELEV. 4.05'

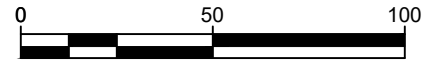
IP FOUND

**LEDGED**  
MLW = MEAN LOW WATER  
MHW = MEAN HIGH WATER  
CJL = COASTAL JURISDICTION LINE  
HTL = HIGH TIDE LINE  
-1' = SOUNDING  
8.9' = UPLAND SPOT ELEVATION  
N/F = NOW/FORMERLY  
RCP = REINFORCED CONCRETE PIPE  
TYP = TYPICAL  
IP = IRON PIN/PIPE

THERE IS NO SAV  
WITHIN 100 FEET OF  
THE DOCK AND  
BULKHEAD (SEE NOTE  
2 ON SHEET 1 OF 9)

**SOUNDING**  
NOTE: MEASURING POINT FOR  
INDIVIDUAL SOUNDINGS  
IS LOCATED AT THE  
DECIMAL POINT

REFER TO NOTES ON SHEET 1 OF 9.



**Coastline Consulting & Development**  
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**EXISTING CONDITIONS INDEX MAP**  
**WATERFRONT IMPROVEMENT PROJECT**

**BOMBACI FAMILY, LLC**  
**GREAT MEADOW ROAD**  
**ASSESSOR MAP 2, LOT 4**  
**ESSEX, CONNECTICUT**

8-12-2020

SCALE: 1" = 50'

SHEET 4 OF 9

CT STATE PLANE COORDINATE SYSTEM (NAD 83)

PROPERTY OF BOMBACI FAMILY LLC  
GREAT MEADOW ROAD  
ASSESSOR MAP 2, LOT 4

**SOUNDING**

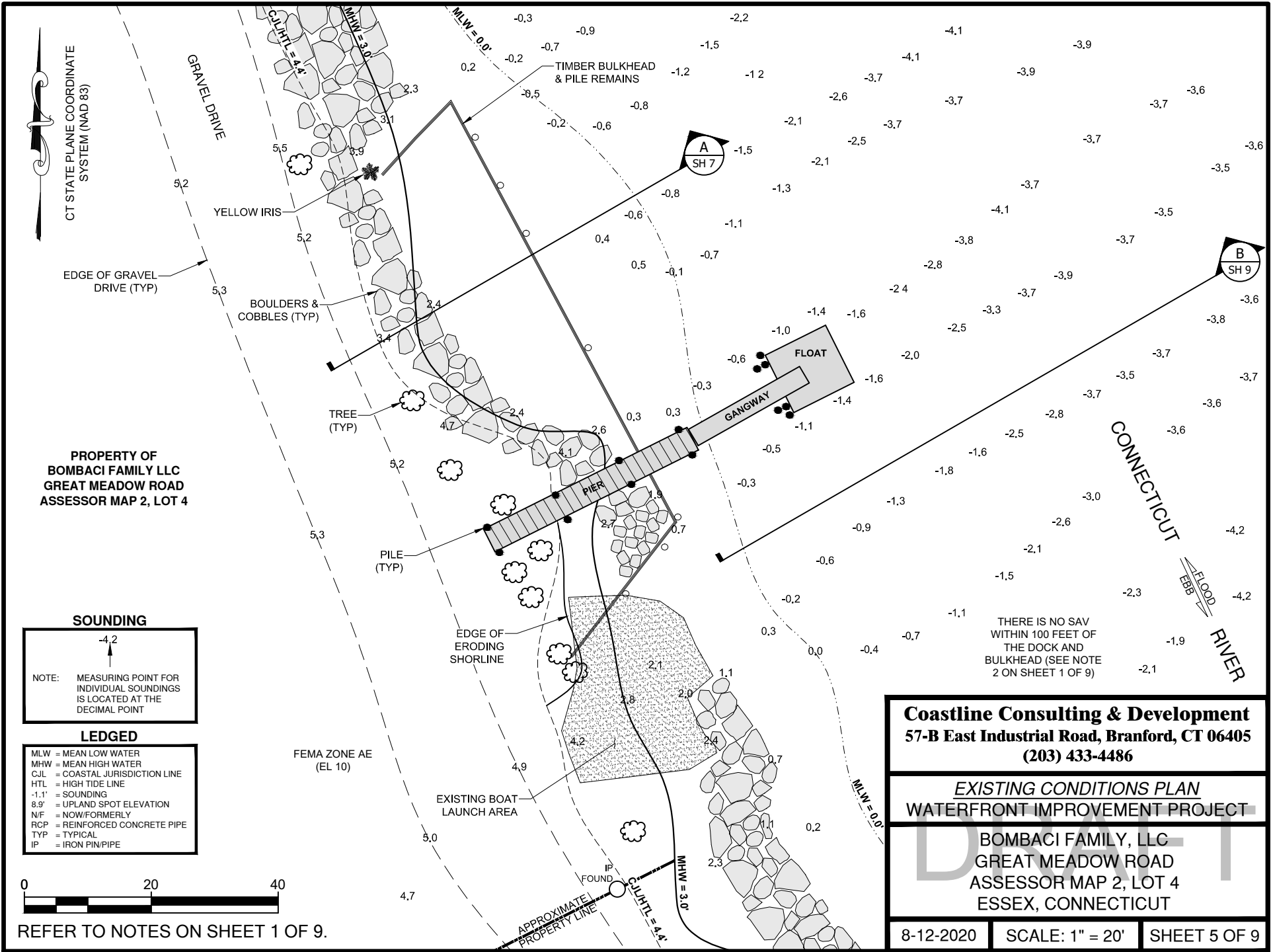
NOTE: MEASURING POINT FOR INDIVIDUAL SOUNDINGS IS LOCATED AT THE DECIMAL POINT

**LEDGED**

MLW = MEAN LOW WATER  
MHW = MEAN HIGH WATER  
CJL = COASTAL JURISDICTION LINE  
HTL = HIGH TIDE LINE  
-1.1' = SOUNDING  
8.9' = UPLAND SPOT ELEVATION  
N/F = NOW/FORMERLY  
RCP = REINFORCED CONCRETE PIPE  
TYP = TYPICAL  
IP = IRON PIN/PIPE



REFER TO NOTES ON SHEET 1 OF 9.



**Coastline Consulting & Development**  
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*EXISTING CONDITIONS PLAN*  
**WATERFRONT IMPROVEMENT PROJECT**

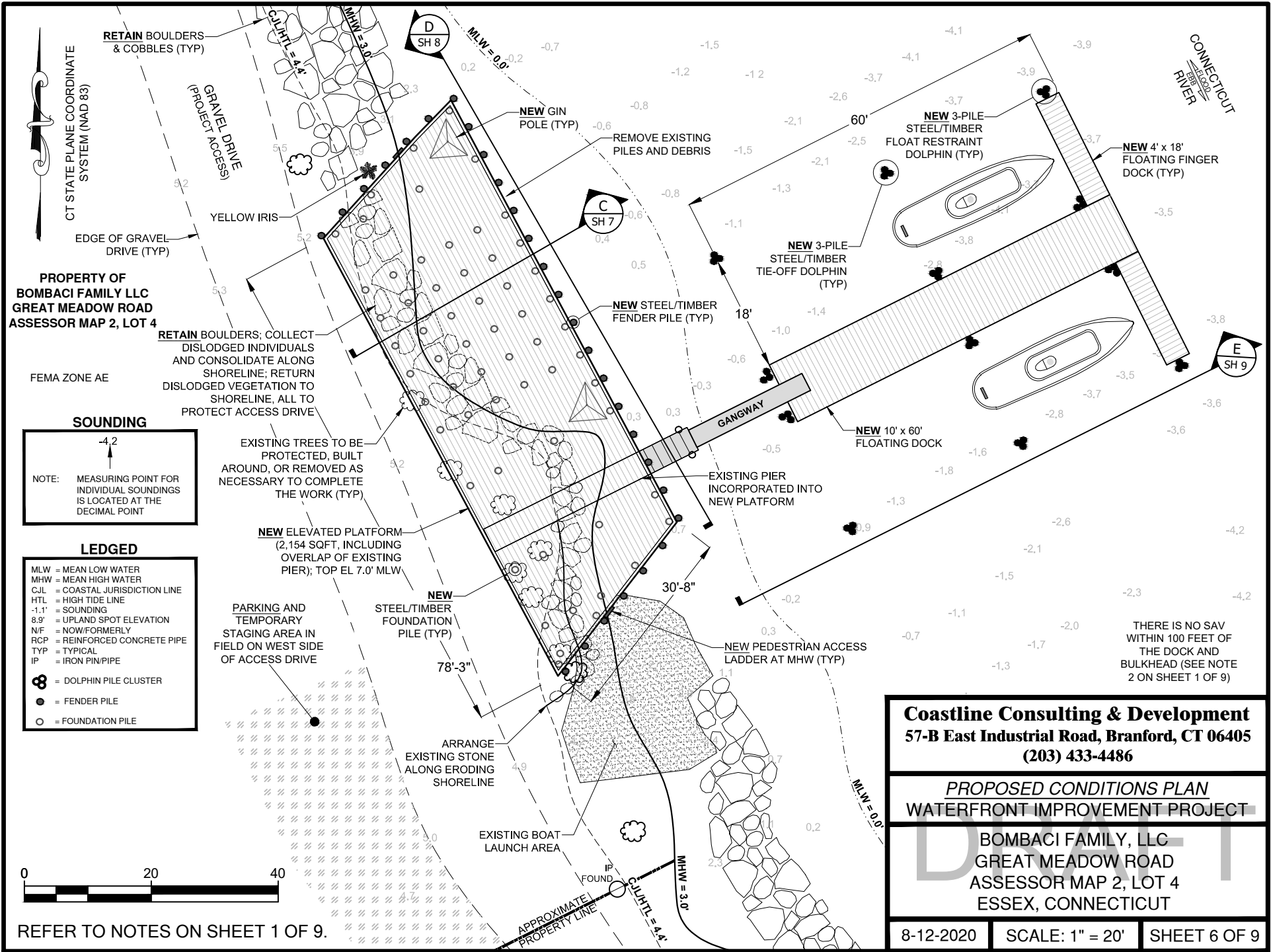
BOMBACI FAMILY, LLC  
GREAT MEADOW ROAD  
ASSESSOR MAP 2, LOT 4  
ESSEX, CONNECTICUT

8-12-2020

SCALE: 1" = 20'

SHEET 5 OF 9





CT STATE PLANE COORDINATE SYSTEM (NAD 83)

PROPERTY OF BOMBACI FAMILY LLC  
GREAT MEADOW ROAD  
ASSESSOR MAP 2, LOT 4

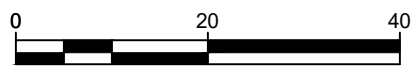
FEMA ZONE AE

**SOUNDING**

NOTE: MEASURING POINT FOR INDIVIDUAL SOUNDINGS IS LOCATED AT THE DECIMAL POINT

**LEDGED**

- MLW = MEAN LOW WATER
- MHW = MEAN HIGH WATER
- CJL = COASTAL JURISDICTION LINE
- HTL = HIGH TIDE LINE
- 1.1' = SOUNDING
- 8.9' = UPLAND SPOT ELEVATION
- N/F = NOW/FORMERLY
- RCP = REINFORCED CONCRETE PIPE
- TYP = TYPICAL
- IP = IRON PIN/PIPE
- ⊗ = DOLPHIN PILE CLUSTER
- = FENDER PILE
- = FOUNDATION PILE



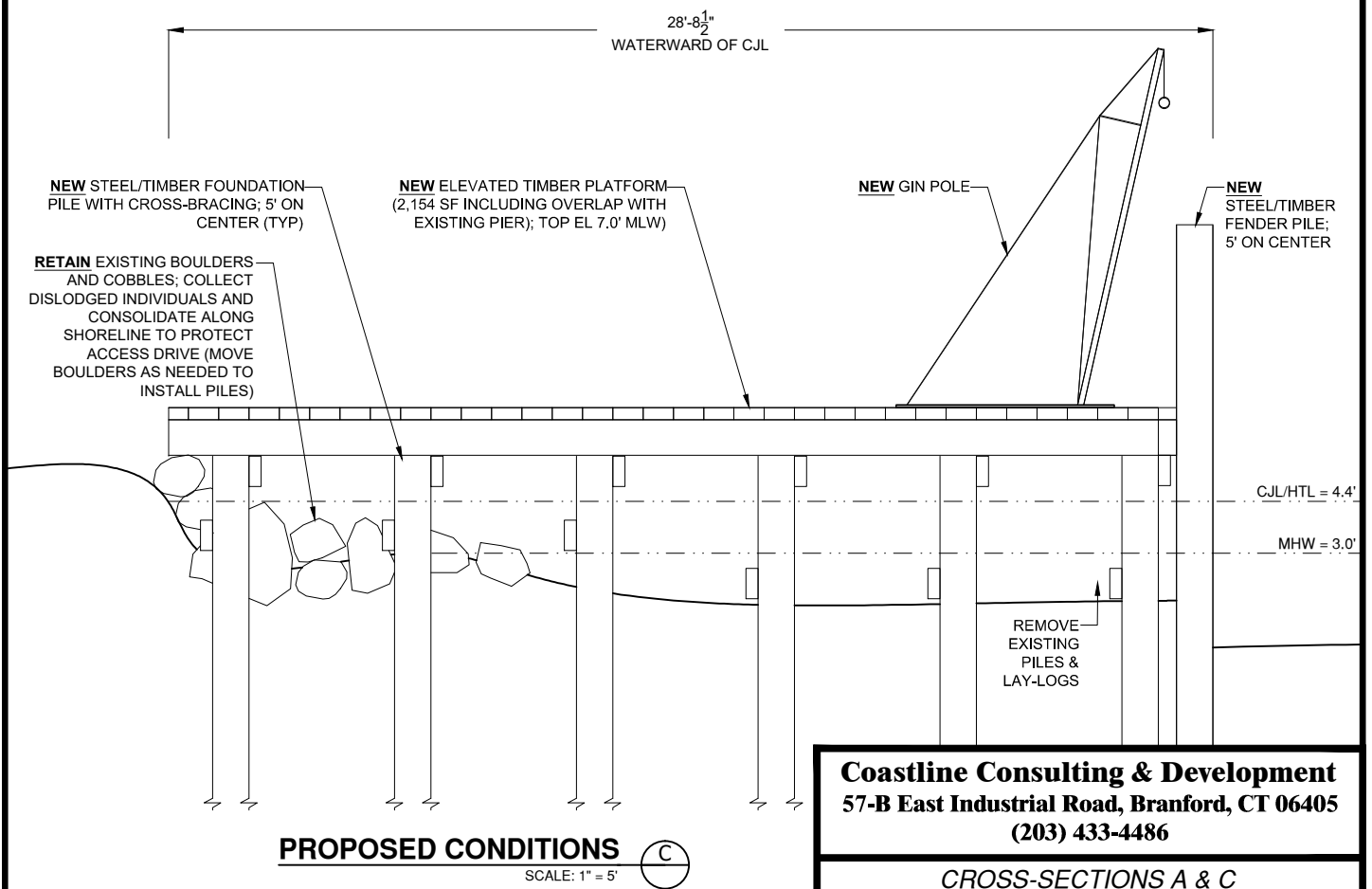
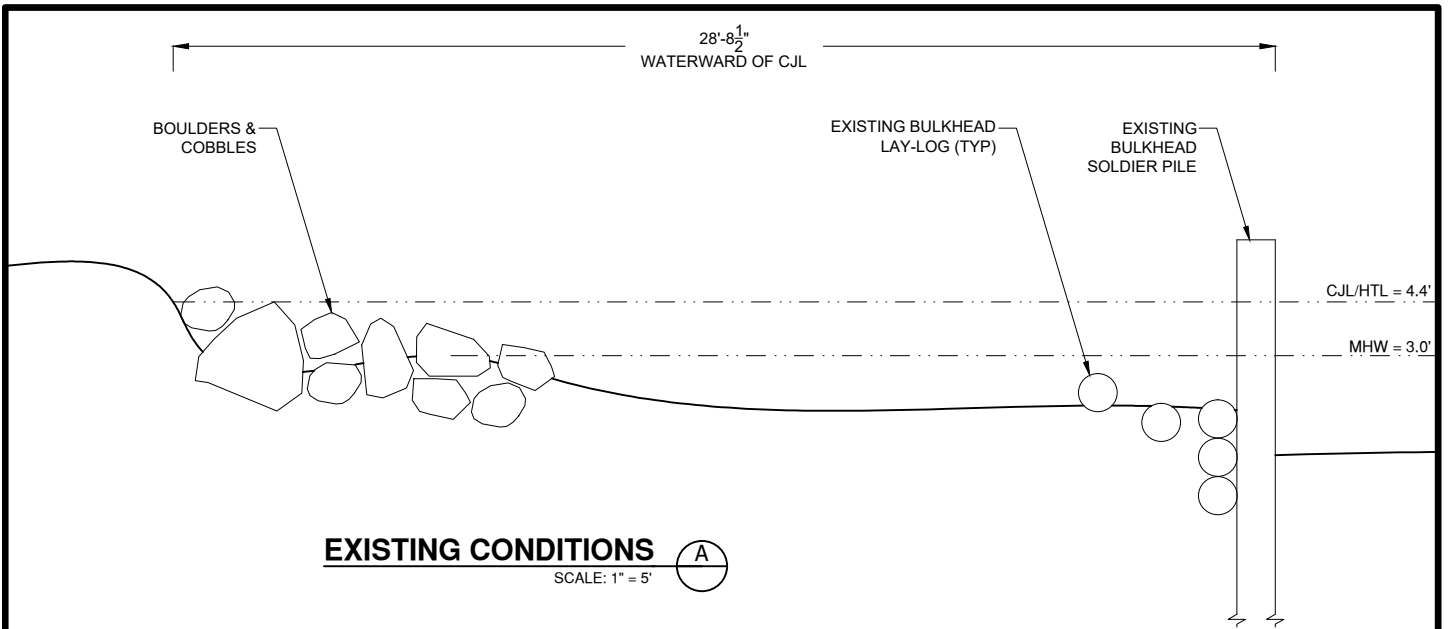
REFER TO NOTES ON SHEET 1 OF 9.

THERE IS NO SAV WITHIN 100 FEET OF THE DOCK AND BULKHEAD (SEE NOTE 2 ON SHEET 1 OF 9)

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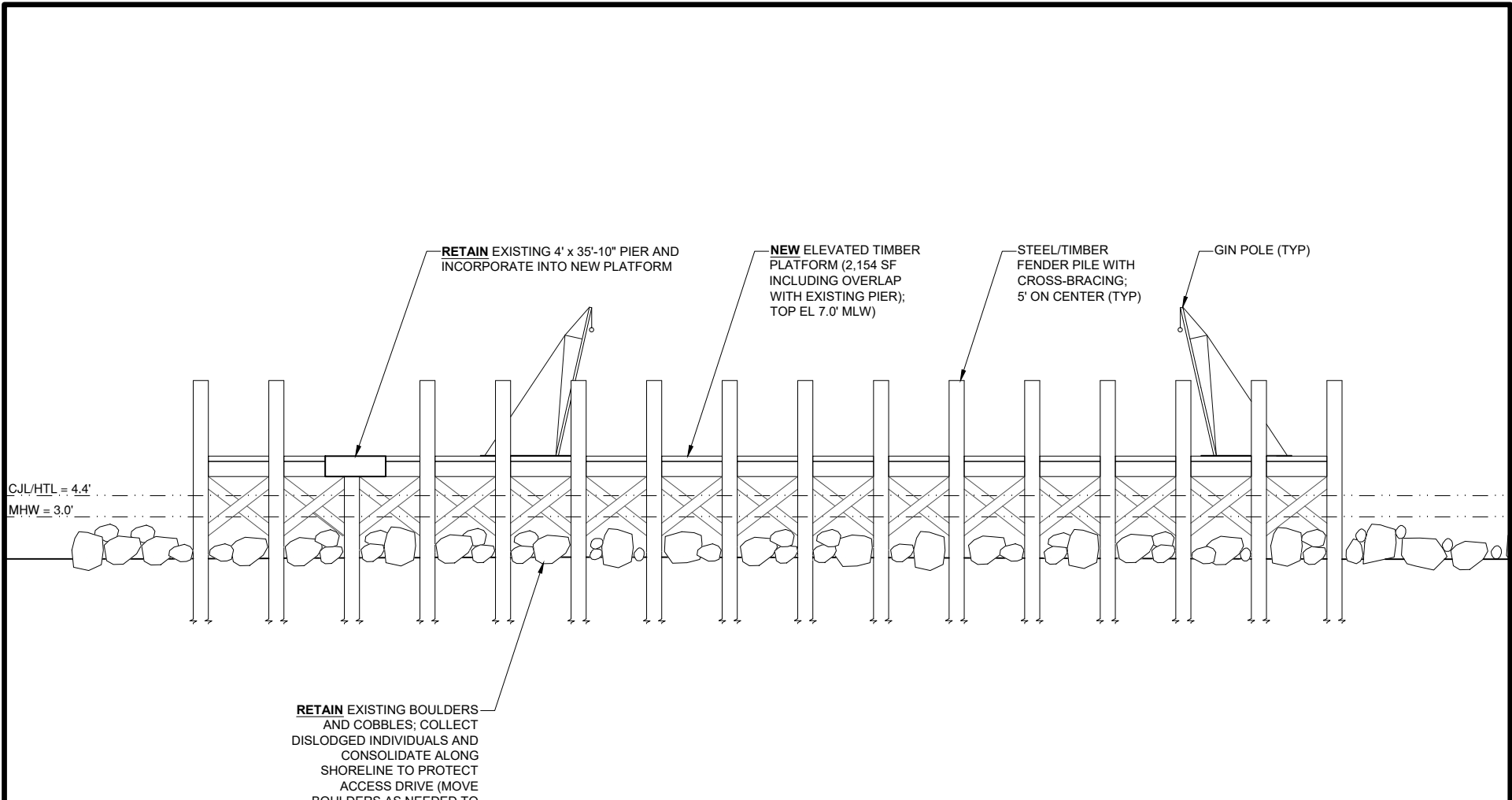
**PROPOSED CONDITIONS PLAN**  
**WATERFRONT IMPROVEMENT PROJECT**

BOMBACI FAMILY, LLC  
GREAT MEADOW ROAD  
ASSESSOR MAP 2, LOT 4  
ESSEX, CONNECTICUT



REFER TO NOTES ON SHEET 1 OF 9.

<b>Coastline Consulting &amp; Development</b> 57-B East Industrial Road, Branford, CT 06405 (203) 433-4486		
<i>CROSS-SECTIONS A &amp; C</i> <b>WATERFRONT IMPROVEMENT PROJECT</b>		
BOMBACI FAMILY, LLC GREAT MEADOW ROAD ASSESSOR MAP 2, LOT 4 ESSEX, CONNECTICUT		
8-12-2020	SCALE: 1" = 5'	SHEET 7 OF 9

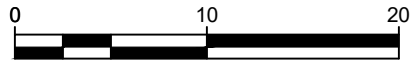


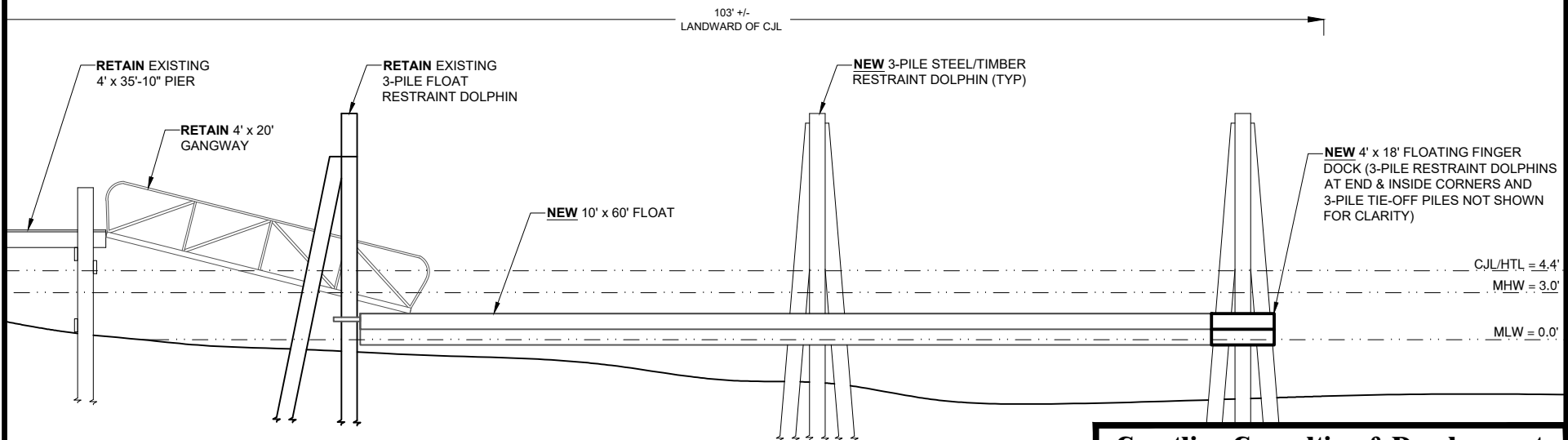
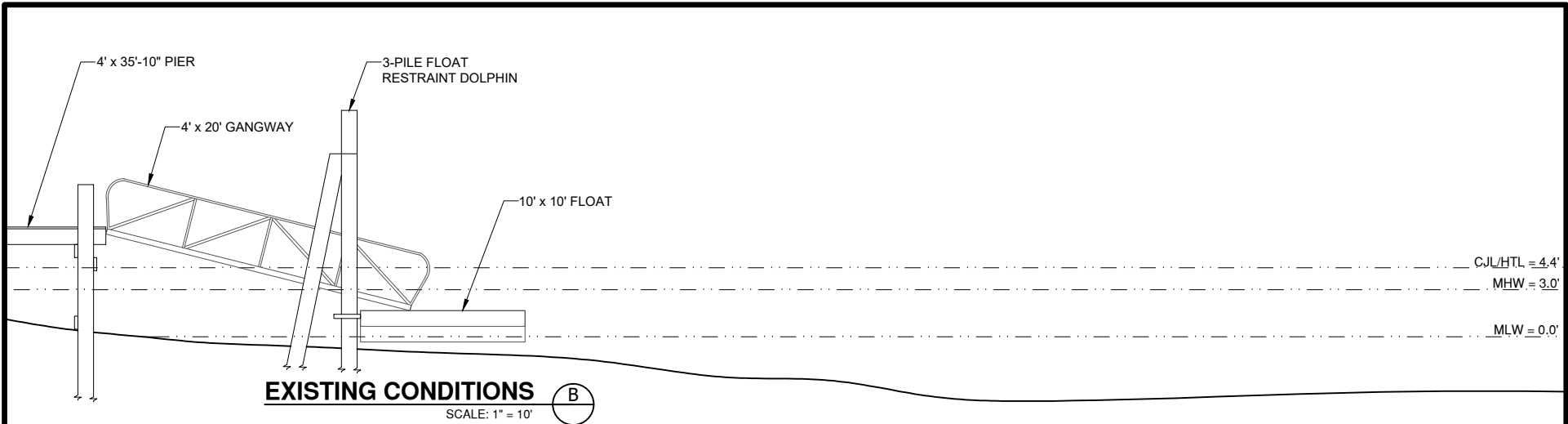
**PROPOSED CONDITIONS** (D)

SCALE: 1" = 10'

<b>Coastline Consulting &amp; Development</b> 57-B East Industrial Road, Branford, CT 06405 (203) 433-4486		
<i>ELEVATION D</i> <b>WATERFRONT IMPROVEMENT PROJECT</b>		
BOMBACI FAMILY, LLC GREAT MEADOW ROAD ASSESSOR MAP 2, LOT 4 ESSEX, CONNECTICUT		
8-12-2020	SCALE: 1" = 10'	SHEET 8 OF 9

REFER TO NOTES ON SHEET 1 OF 9.





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 (203) 433-4486

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*ELEVATIONS B & E*  
**WATERFRONT IMPROVEMENT PROJECT**

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BOMBACI FAMILY, LLC  
 GREAT MEADOW ROAD  
 ASSESSOR MAP 2, LOT 4  
 ESSEX, CONNECTICUT

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8-12-2020	SCALE: 1" = 10'	SHEET 9 OF 9
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REFER TO NOTES ON SHEET 1 OF 9.





View of timber bulkhead remains and pier looking downriver.



View shoreline and timber bulkhead remains looking upriver.



View of boat launch area and dock configuration looking northeast.



View of shoreline and structures looking upriver.



View of eroding shoreline near boat launch area and access drive.



View of dislodged vegetation from eroding shoreline near boat launch area.



View of eroding shoreline and dislodged vegetation near boat launch area.



View of eroding shoreline near boat launch area and access drive.