

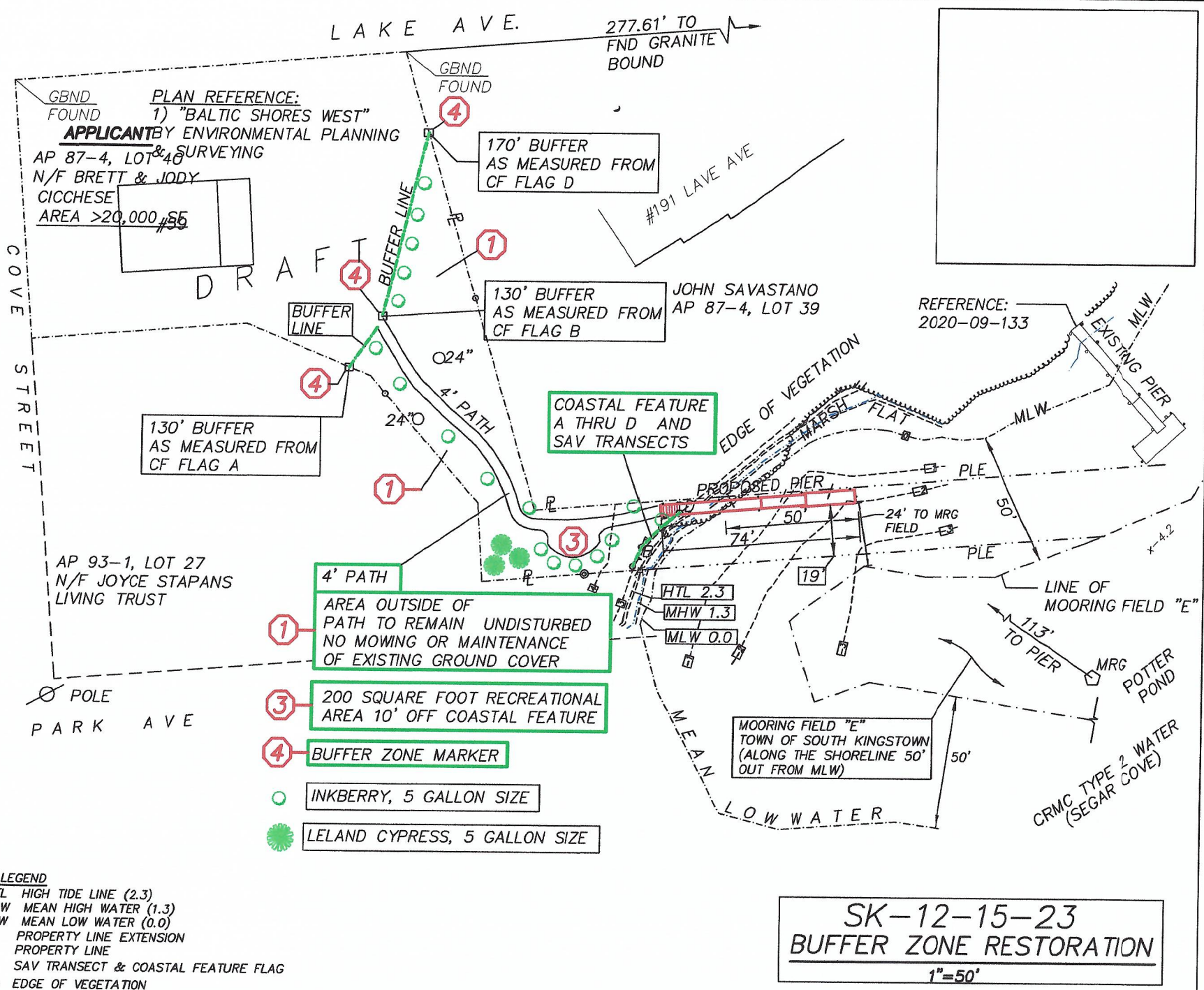
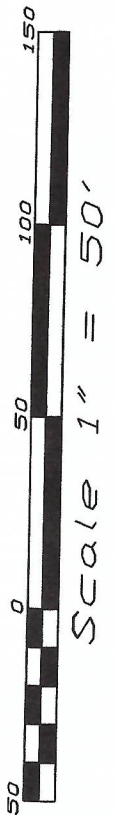


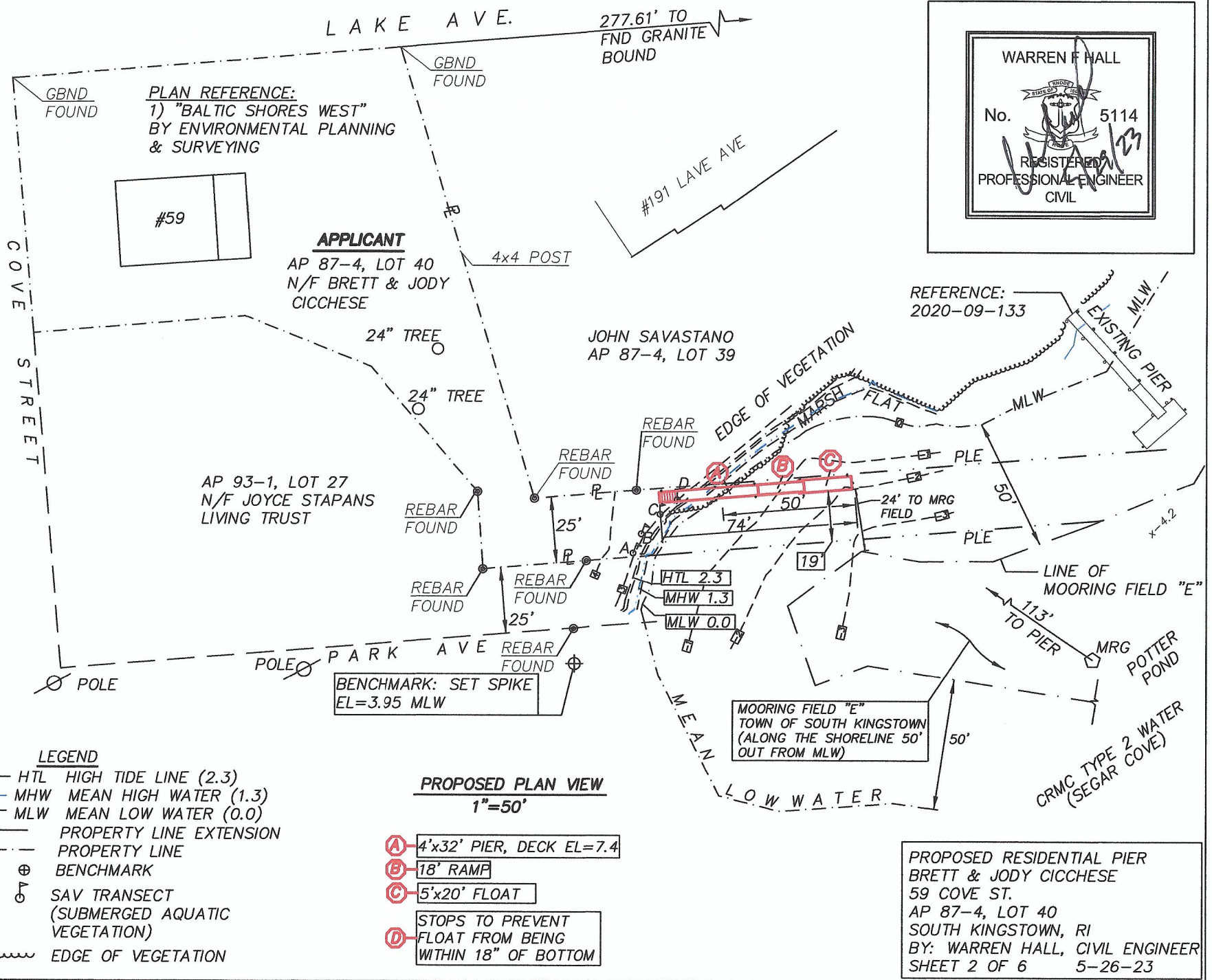
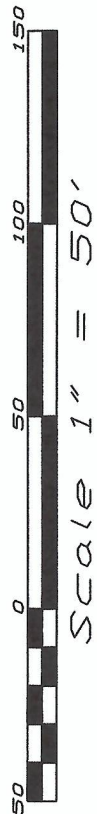
PROPOSED RESIDENTIAL PIER
BRETT & JODY CICHESE
59 COVE ST.
AP 87-4, LOT 40
SOUTH KINGSTOWN, RI
BY: WARREN HALL, CIVIL ENGINEER
SHEET 1 OF 6 5-26-23

WARREN F HALL
No. 5114
REGISTERED
PROFESSIONAL ENGINEER
CIVIL

RECEIVED
6/14/2023

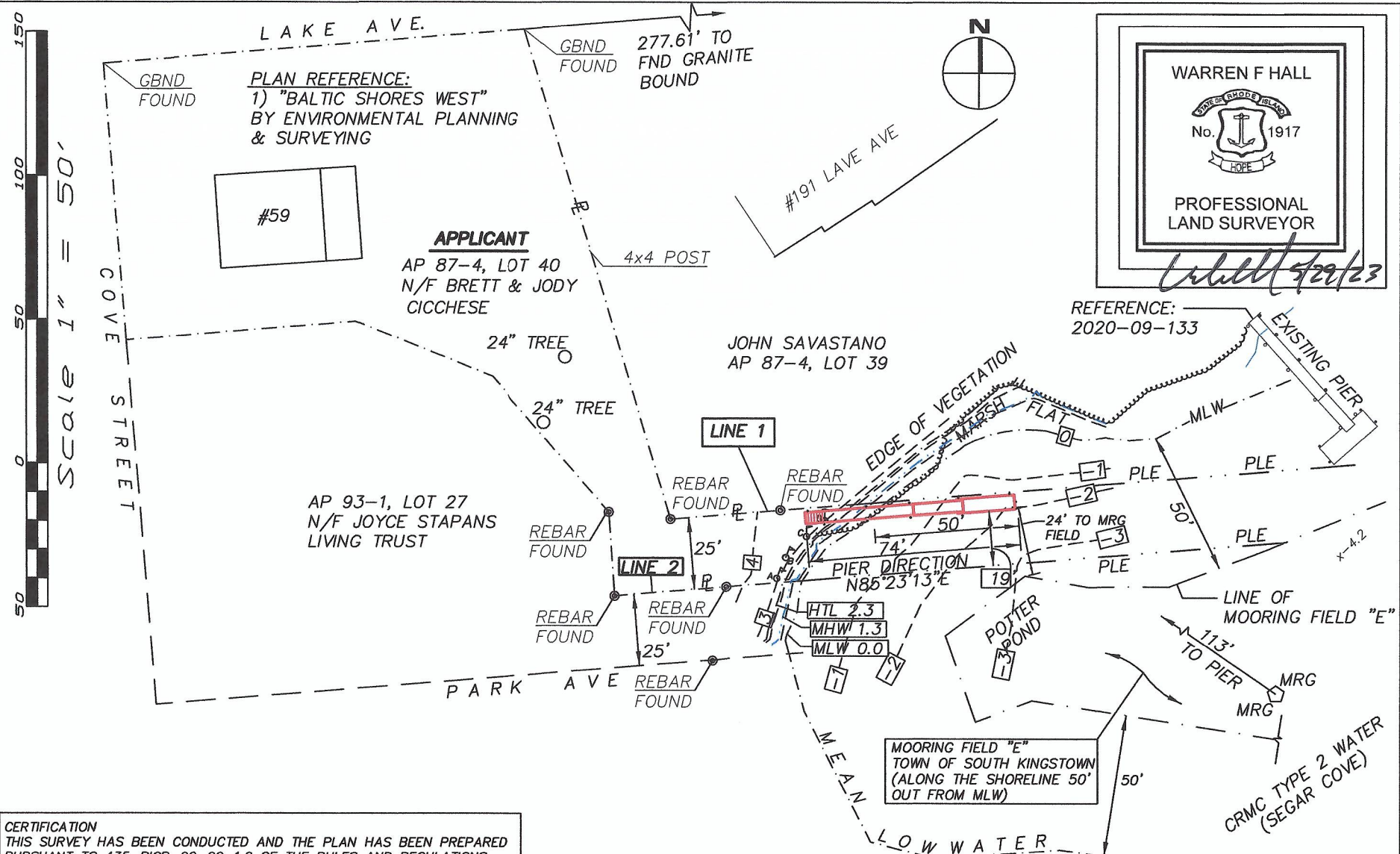
COASTAL RESOURCES
MANAGEMENT COUNCIL





RECEIVED
6/14/2023

COASTAL RESOURCES
MANAGEMENT COUNCIL



CERTIFICATION
 THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

LIMITED CONTENT BOUNDARY SURVEY CLASS 1

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR PREPARATION OF THE PLAN IS AS FOLLOWS:

TO DETERMINE THE RELATIVE LOCATION OF A PROPOSED PIER WITH RESPECT TO THE PROPERTY LINE EXTENSIONS; PER CRMC 1.3.1.D.11.k.(3)

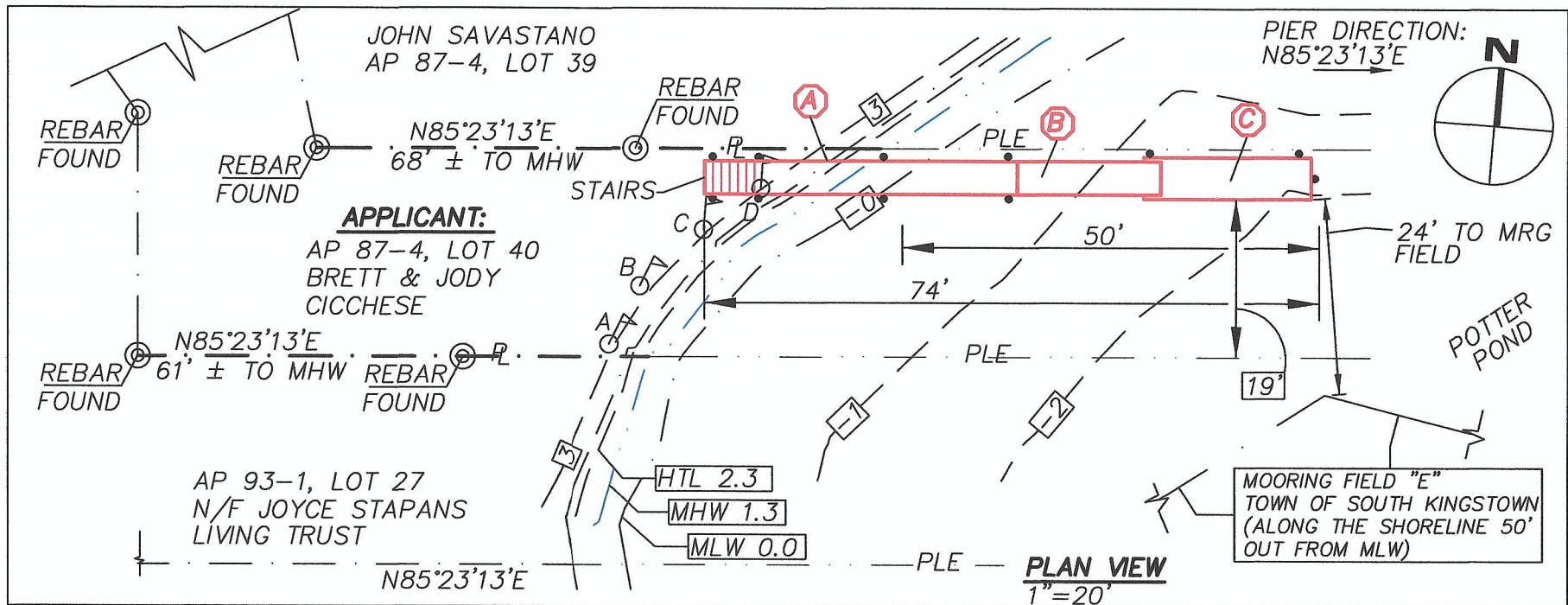
WARREN F HALL, PLS #1917
 600A 291-COA

6/14/2023
 RECEIVED
 COASTAL RESOURCES MANAGEMENT COUNCIL

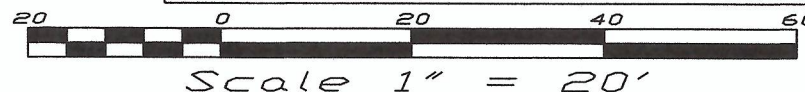
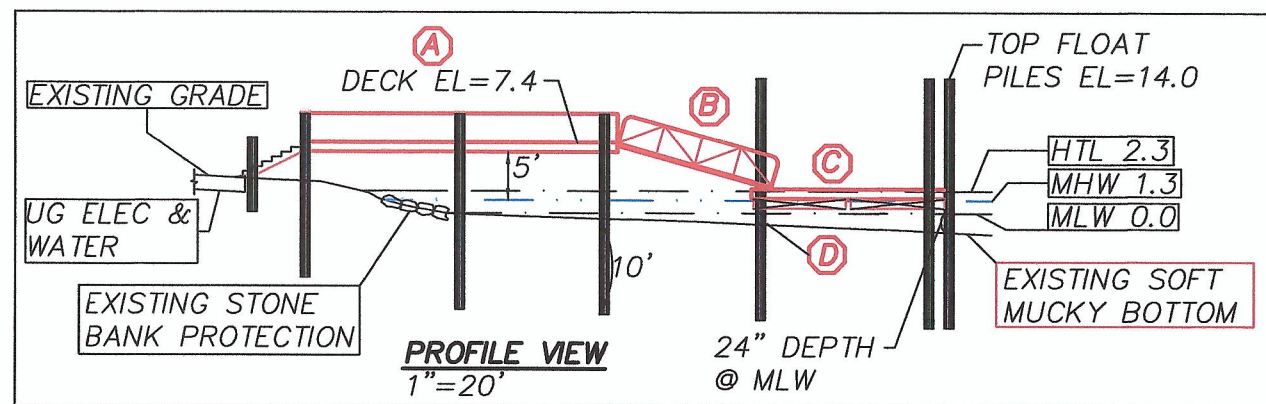
LINE TABLE:	
LINE #	
1	N85°23'13"E 68' ± TO MHW
2	N85°23'13"E 68' ± TO MHW
PIER DIRECTION N85°23'13"E	

LIMITED CONTENT BOUNDARY SURVEY
 1"=50'

PROPOSED RESIDENTIAL PIER
 BRETT & JODY CICHSE
 59 COVE ST.
 AP 87-4, LOT 40
 SOUTH KINGSTOWN, RI
 BY: WARREN HALL, CIVIL ENGINEER
 SHEET 3 OF 6 5-26-23



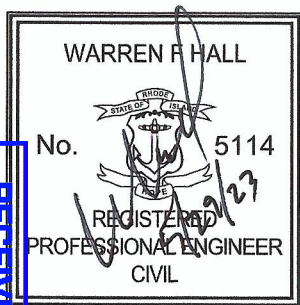
- (A) 4'x32' PIER, DECK EL=7.4
- (B) 18' RAMP
- (C) 5'x20' FLOAT
- (D) STOPS TO PREVENT
FLOAT FROM BEING
WITHIN 18" OF BOTTOM



PILE DRIVING NOTE:

A "soft start" is required to allow animals an opportunity to leave the project vicinity before sound pressure levels increase. In addition to using a soft start at the beginning of the work day for pile driving, one must also be used at any time following cessation of pile driving for a period of 30 minutes or longer. For impact pile driving: pile driving will commence with an initial set of three strikes by the hammer at 40 one minute wait period, then two subsequent 3-strike sets at 40 % with one minute waiting periods, before initiating continuous impact driving.

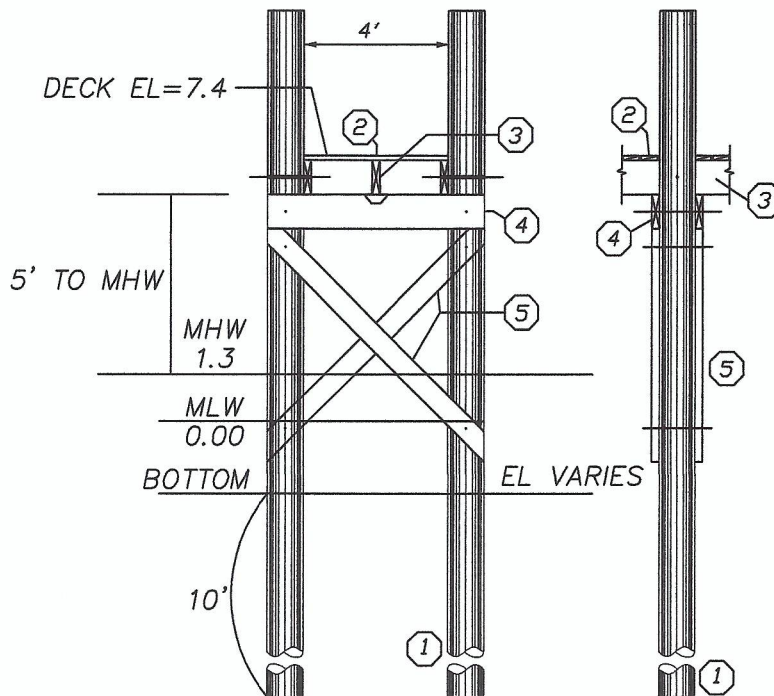
PROPOSED RESIDENTIAL PIER
BRETT & JODY CICCHESE
59 COVE ST.
AP 87-4, LOT 40
SOUTH KINGSTOWN, RI
BY: WARREN HALL, CIVIL ENGINEER
SHEET 4 OF 6 5-26-23



COASTAL RESOURCES
MANAGEMENT COUNCIL

6/14/2023

RECEIVED

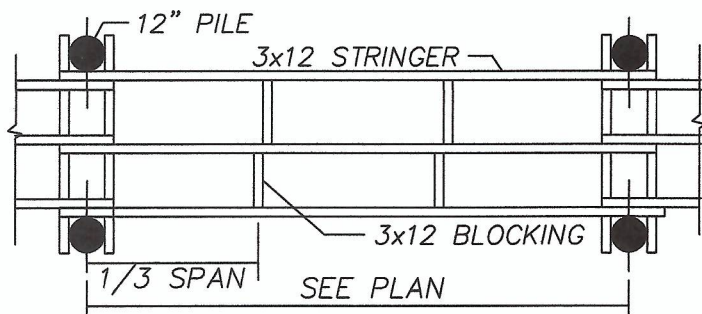


TYPICAL SECTIONS (3/16"=1'-0")

- ① 10" TIP CCA TREATED WOOD PILES
TREAT TO 2.5 PCF (1.0 ALLOWED WITH
OWNER CONSENT) GREENHEART AT FLOAT
- ② 2x6 DECKING ACQ TREATED TO .6 PCF
FASTEN TO STRINGERS WITH 3 @ 3-1/2"
NO. 10 316 STAINLESS STEEL SCREWS
- ③ 3x12 STRINGER, ACQ TREATED THRU BOLT AT PILE
FASTEN MIDDLE STRINGER WITH SIMPSON
H-1 HURRICANE ANCHOR
- ④ 2-3x12 CAP BEAM, ACQ TREATED TO
2.5 PCF
- ⑤ 3x10 CROSS BRACE, ACQ TREATED TO
.6 PCF

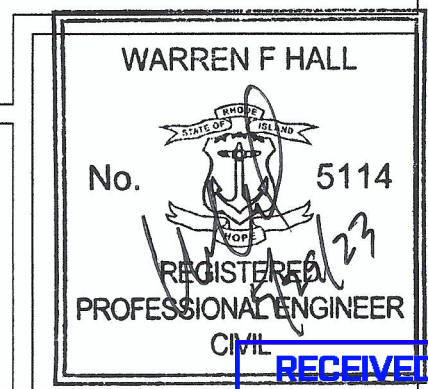
GENERAL NOTES:

- 1) ALL BOLTS, CONNECTORS, WASHERS, NAILS, ECT
SHALL BE HOT DIPPED GALVANIZED
- 2) CONTRACTOR SHALL ADHERE TO ALL OSHA RULES
AND REGULATIONS THROUGHOUT ALL PHASES OF
CONSTRUCTION
- 3) CONTRACTOR SHALL BE AWARE THAT THE STRATA
INTO WHICH THESE PILES ARE TO BE DRIVEN
MAY REQUIRE DRILLING TO ENSURE A MINIMUM
10' PENETRATION BELOW EXISTING GRADE



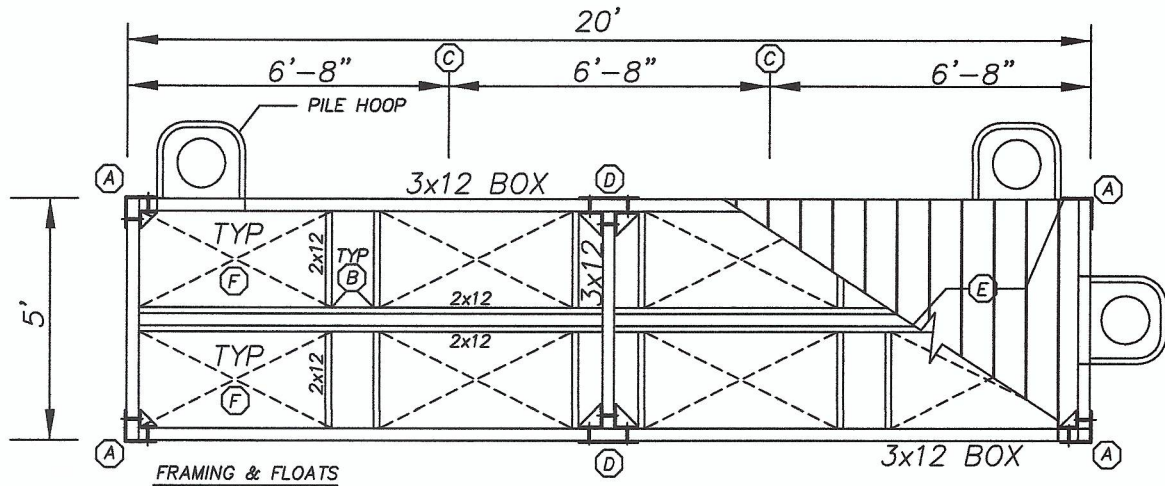
PLAN VIEW TYPICAL FRAMING

PROPOSED RESIDENTIAL PIER
BRETT & JODY CICHESE
59 COVE ST.
AP 87-4, LOT 40
SOUTH KINGSTOWN, RI
BY: WARREN HALL, CIVIL ENGINEER
SHEET 5 OF 6 5-26-23



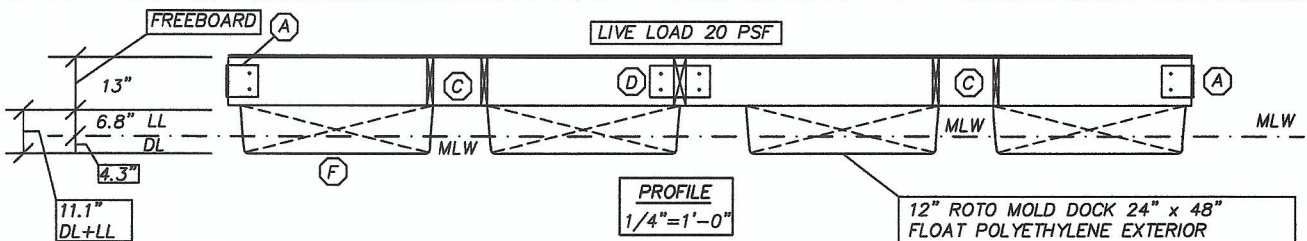
6/14/2023

COASTAL RESOURCES
MANAGEMENT COUNCIL



PLAN VIEW
1/4"=1'-0"

NOTE:
ADD 2x12 STRINGERS NO
GREATER THAN 16" OC
FOR DECKING, ALL DECKING
BOARDS TO SPAN 5'



12" ROTO MOLD DOCK 24" x 48"
FLOAT POLYETHYLENE EXTERIOR
SHELL - EXPANDED POLYSTYRENE
FILLED, FASTEN TO STRINGERS
WITH 1/2" SS x 4" BOLTS & WASHERS

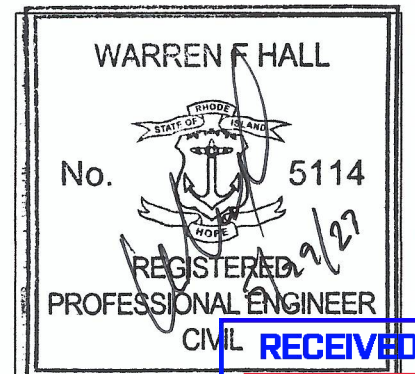
PROFILE
1/4"=1'-0"

- (A) CORNER PLATE
HDG 8"x8"x3/8"x10"
THRU BOLT WITH 5/8"
WITH INSIDE GUSSET
3/8" THICK
CUT FLUSH & RECESS
FOR SMOOTH FINISH
- (B) FASTEN 2x12 WITH HU212
SIMPSON JOIST HANGER
- (C) PICK POINT FOR SEASONAL
LIFTING
- (D) PLATE
HDG 16"x10"x3/8"
THRU BOLT WITH 5/8"
WITH INSIDE GUSSET
6"x6"x3/8" THICK
CUT FLUSH & RECESS
FOR SMOOTH FINISH
- (E) 5/4 X 8 DECKING, FASTEN
TO STRINGERS WITH 3 NO.
8 STAINLESS STEEL SCREWS
- (F) FLOAT DESIGN: USE 8@24x48x12 ROTO MOLD 433# FLOATS
DL=100SFx10PSF+(8x33)=1264#
LL=100SFx20PSF=2000#
DL DRAFT=1264/3464=.36' (4.3")
LL DRAFT=2000/3464=.57' (6.8")
TOTAL DRAFT=.93' (11.1") FREEBOARD > 12"
400# POINT LOAD=400/433=.92' (11")

FLOAT DETAILS

PROPOSED RESIDENTIAL PIER
BRETT & JODY CICCHESE
59 COVE ST.
AP 87-4, LOT 40
SOUTH KINGSTOWN, RI
BY: WARREN HALL, CIVIL ENGINEER
SHEET 6 OF 6 5-26-23

LEGEND
HDG HOT DIPPED GALVANIZED
SS STAINLESS STEEL
MLW MEAN LOW WATER
LL LIVE LOAD
DL DEAD LOAD



6/14/2023

COASTAL RESOURCES
MANAGEMENT COUNCIL