



State of Rhode Island  
**Coastal Resources Management Council**  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

### PUBLIC NOTICE

File Number: 2020-06-071 Date: August 5, 2020

This office has under consideration the application of:

Philip A. McAndrew Trust  
105 Charlotte Drive  
Warwick, RI 02818

for a State of Rhode Island Assent to construct and maintain: a 66.7' x 4' residential boating facility (consisting of a 20' x 4' fixed pier, 26' x 4' ramp and a 7.5' x 20' float). Facility will extend 50' beyond Mean Low Water

Project Location:	105 Charlotte Drive
City/Town:	Warwick
Plat/Lot:	201 / 133
Waterway:	Greenwich Bay

Plans of the proposed work may be seen at the CRMC office in Wakefield.

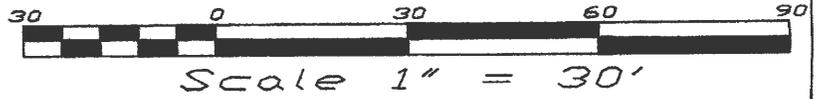
In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before September 5, 2020.



FLOOD  
EBB



GREENWICH BAY  
CRMC TYPE 2 WATER

CONCRETE  
WALL W/  
CHAIN LINK  
FENCE

ALE

EXISTING WOOD STEPS

HTL  
5.2

MHW  
3.9

MLW  
0.0

FLOAT PILES

EX PIER

STONE  
FLAG POLE

PAVERS  
11.3 x

STEPS  
PAVERS  
10.1 x

STONE

FND REBAR

92' TO MHW  
FENCE LINE

DECK

#105

122' TO MHW  
FENCE LINE

APPLICANT:  
AP 201, LOT 133

100'  
CHARLOTTE DRIVE

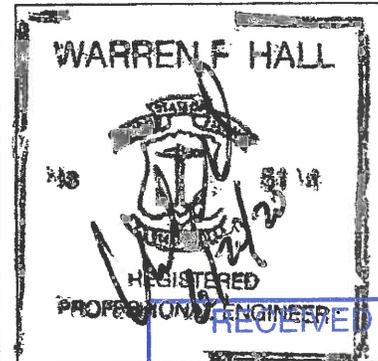
FND REBAR

LEGEND

- HTL HIGH TIDE LINE
- MHW MEAN HIGH WATER
- MLW MEAN LOW WATER
- AL ASSESSORS LINE
- ALE ASSESSORS LINE EXTENSION
- FND FOUND

EXISTING CONDITIONS

PROPOSED RESIDENTIAL PIER FOR:  
 PHILIP A McANDREW, TRUST  
 AP 201, LOT 133  
 105 CHARLOTTE DRIVE  
 WARWICK, RI 02818  
 BY: WARREN HALL, CIVIL ENGINEER  
 JUNE 20, 2020 SHEET 2 OF 5



RECEIVED  
 JUN 25 2020  
 COASTAL RESOURCES  
 MANAGEMENT COUNCIL



Scale 1" = 30'

FLOOD



EX PIER  
FLOAT PILES

GREENWICH BAY  
CRMC TYPE 2 WATER

ALE

ALE

CONCRETE WALL W/  
CHAIN LINK FENCE

27'

50'

68.7'

7.5'x20' FLOAT

26' RAMP

EXISTING STEPS -2

HTL 5.2

MHW 3.9

MLW 0.0

STONE

PAVERS 11.3 x

STEPS PAVERS 10.1 x

STONE

STONES

FND REBAR

92' TO MHW  
FENCE LINE

DECK

#105

122' TO MHW  
FENCE LINE

RI STATE PLANE COORDS	
(A)	N: 211569.5 E: 351937.2
(B)	N: 211567.0 E: 351944.3
(C)	N: 211506.2 E: 351919.3

APPLICANT:  
AP 201, LOT 133

100'  
CHARLOTTE DRIVE

FND REBAR

PROPOSED CONDITIONS

AREA OF PILES BELOW  
HTL = 4.71 SQUARE FEET

LEGEND

- HTL HIGH TIDE LINE
- MHW MEAN HIGH WATER
- MLW MEAN LOW WATER
- AL ASSESSORS LINE
- ALE ASSESSORS LINE EXTENSION
- FND FOUND

PROPOSED RESIDENTIAL PIER FOR:  
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 WARWICK, RI 02818  
 BY: WARREN HALL, CIVIL ENGINEER  
 JUNE 20, 2020 SHEET 3 OF 5

WARREN HALL

REGISTERED PROFESSIONAL ENGINEER

RECEIVED

JUN 25 2020

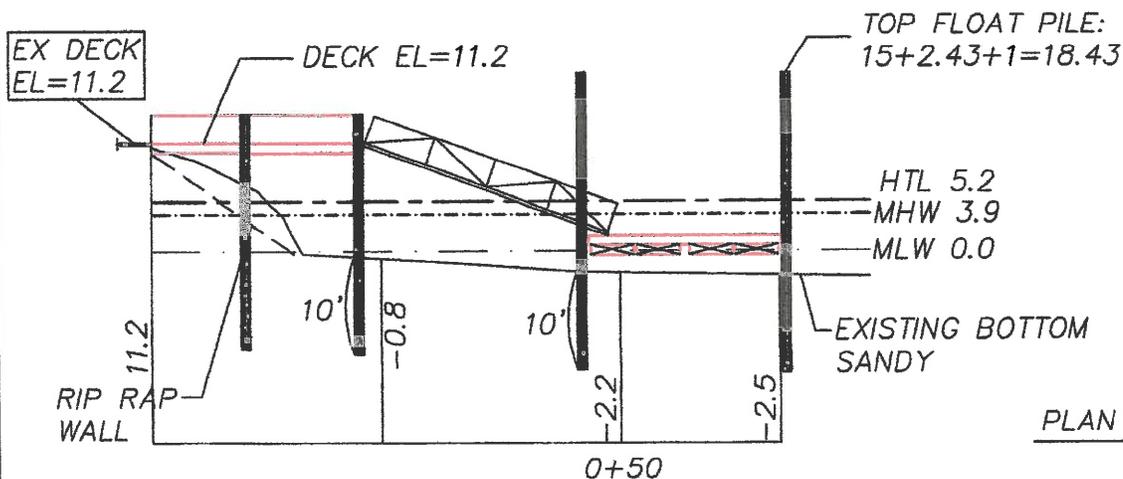
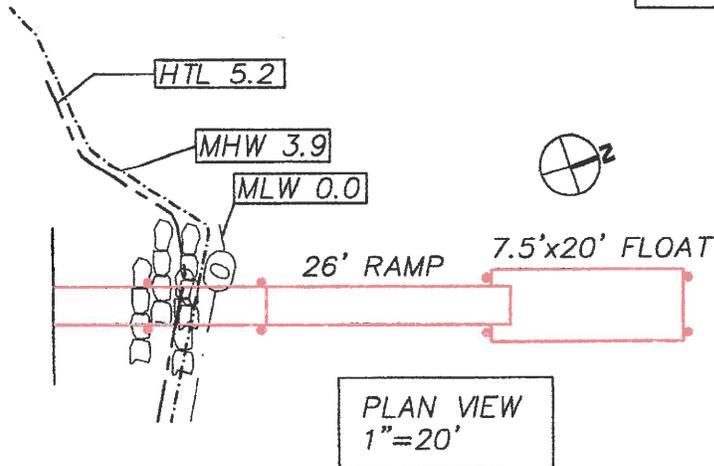
COASTAL RESOURCES  
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Scale 1" = 20'

FLOAT DESIGN: USE 12@24x48x12 ROTO MOLD 433# FLOATS  
 DL=150SFx10PSF+(12x33)=1896#  
 LL=150SFx20PSF=3000#  
 DL DRAFT=1896/5196=.36' (4.3")  
 LL DRAFT=3000/5196=.57' (6.8")  
 TOTAL DRAFT=.93' (11.2")  
 400# POINT LOAD=.52' (6.2") DRAFT

NOTE: CONTRACTOR SHALL KEEP A LOG OF ALL PILE LENGTHS, LOCATION, CUT OFF, AND MARK ALL PILES AT EVEN 1' INTERVALS, USING 0' AT THE TIP. THIS SHALL BE USED TO DETERMINE PILE EMBEDMENT, 10' MINIMUM REQUIRED

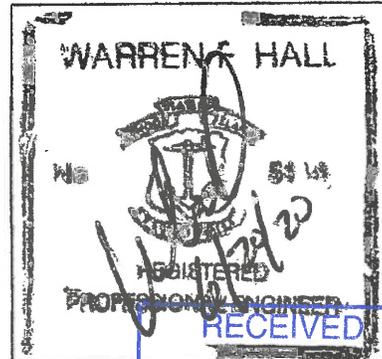


PLAN & PROFILE

PROFILE VIEW  
1"=20"

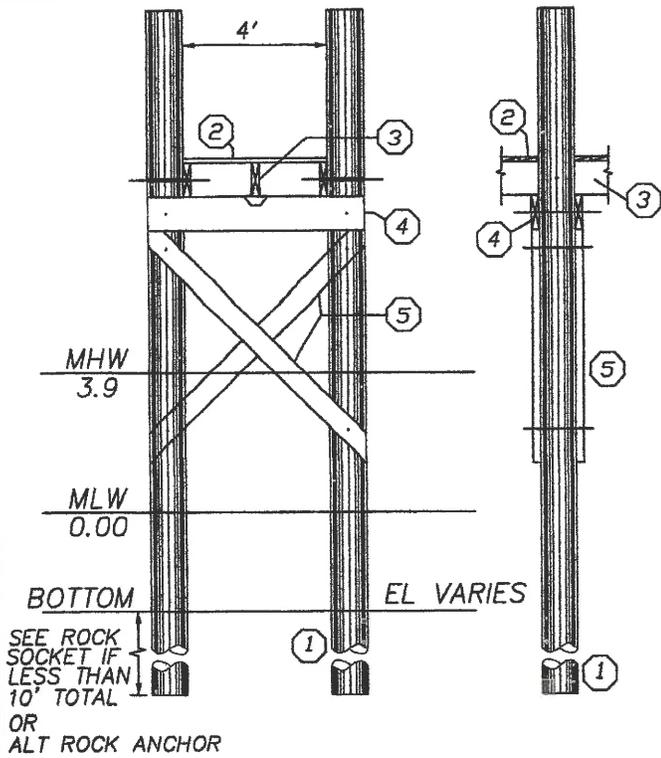
PILE DISPLACEMENT BELOW HIGH TIDE LINE: 6@.785=4.71 SF

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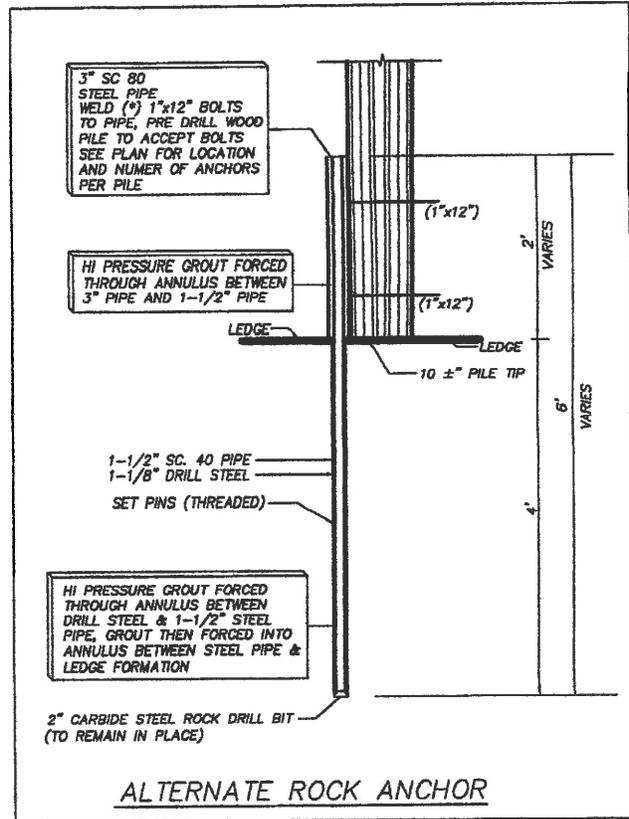


JUN 25 2020

COASTAL RESOURCES MANAGEMENT COUNCIL

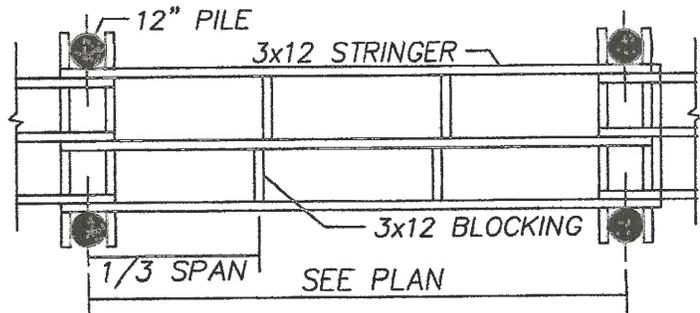


TYPICAL SECTIONS (3/16"=1'-0")



ALTERNATE ROCK ANCHOR

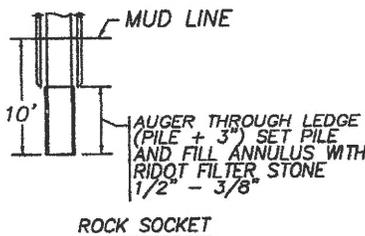
- ① 10" TIP CCA TREATED WOOD PILES TREAT TO 2.5 PCF (1.0 ALLOWED WITH OWNER CONSENT) GREENHEART AT FLOAT
- ② 2x6 DECKING ACQ TREATED TO .6 PCF FASTEN TO STRINGERS WITH 3 @ 3-1/2" NO. 10 316 STAINLESS STEEL SCREWS
- ③ 3x12 STRINGER, ACQ TREATED THRU BOLT AT PILE FASTEN MIDDLE STRINGER WITH SIMPSON H-1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



PLAN VIEW TYPICAL FRAMING

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



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JUN 23 2020  
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