

LOCUS PLAN
 PORTION OF NOAA 13221

WARREN HALL
 CIVIL ENGINEER

PROPOSED RESIDENTIAL PIER
 EDON REALTY TRUST &
 DONNA ROSSETTI TRUST
 #353 EARLE DRIVE
 AP 89, LOT 110
 NORTH KINGSTOWN, RI
 BY: WARREN HALL, CIVIL ENGINEER
 1-30-25 SHEET 1 OF 5

Received
 2/4/2025
 Coastal Resources
 Management Council

WARREN F HALL
 No. 5114
 REGISTERED
 PROFESSIONAL ENGINEER
 CIVIL



NORTH KINGSTOWN

4.7	HTL
3.7	MHW
2.0	NAVD88
0.00	MLW
-.04	MLLW

TIDAL DATUM PRORATED
BETWEEN NEWPORT 845-2660
TO PROVIDENCE 845-4000

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 _____, 2018, 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:

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

BY:
WARREN HALL, PLS #1917
LS, 000A291-COA

RECORD PLAT: "LONE TREE POINT PLAT
NORTH KINGSTOWN, RI BY WATERMAN
ENGINEERING CO, JULY 1938"
ALSO REFERENCE: SITE PLAN FOR EDON
REALTY TRUST, 353 & 369 EARLE DRIVE
DATED 10-3-22, BY ENVIRONMENTAL
PLANNING AND SURVEYING"

CRMC WATER DESIGNATION
TYPE CHANGE
TYPE 2 WATER
TYPE 1 WATER
DUCK COVE

NB88°26'58"E
13.63'
(REBAR TO MHW)

AP 89 LOT 138
LONE TREE POINT
ASSOCIATION
PO BOX 1532
N KINGSTOWN RI
02852

N: 173898.0
E: 345701.0

N: 174188.0
E: 346257.0



LEGEND

--- HTL	HIGH TIDE LINE
--- MHW	MEAN HIGH WATER
--- MLW	MEAN LOW WATER
---	PROPERTY LINE
---	PROPERTY LINE EXTENSION
---	MOORING FIELD
FND	FOUND

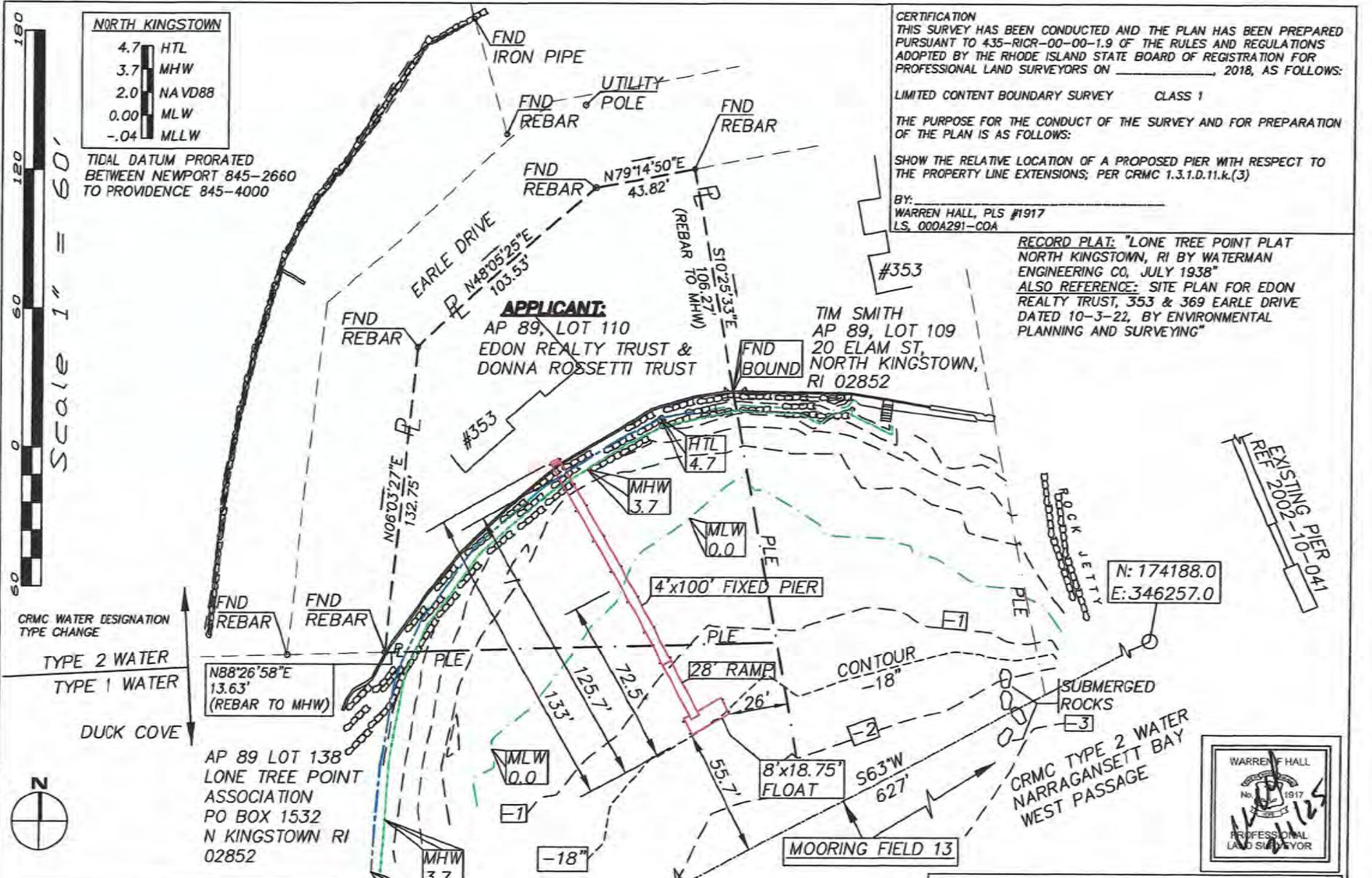


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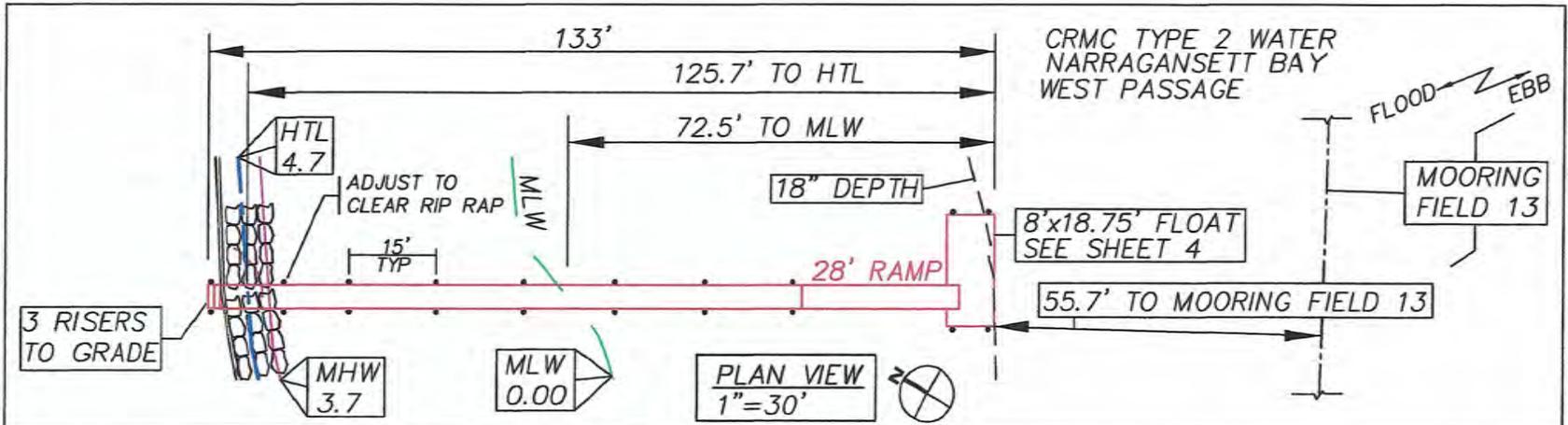


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Scale 1" = 30'



CRMC TYPE 2 WATER
NARRAGANSETT BAY
WEST PASSAGE

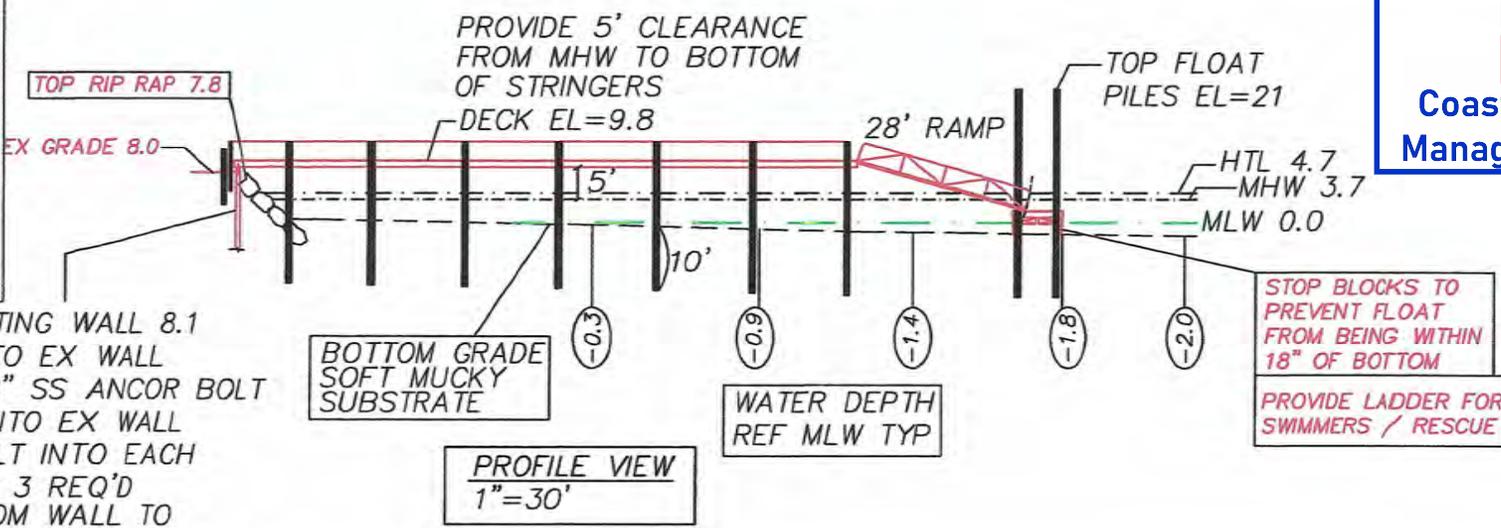
FLOOD
EBB

MOORING
FIELD 13

8'x18.75' FLOAT
SEE SHEET 4

55.7' TO MOORING FIELD 13

PLAN VIEW
1"=30'



PROFILE VIEW
1"=30'

TOP EXISTING WALL 8.1
FASTEN TO EX WALL
WITH 5/8" SS ANCOR BOLT
SET 8" INTO EX WALL
THRU BOLT INTO EACH
STRINGER 3 REQ'D
SHIM FROM WALL TO
STRINGERS WITH:
6x BLOCK 4' LONG

BOTTOM GRADE
SOFT MUCKY
SUBSTRATE

WATER DEPTH
REF MLW TYP

STOP BLOCKS TO
PREVENT FLOAT
FROM BEING WITHIN
18" OF BOTTOM

PROVIDE LADDER FOR
SWIMMERS / RESCUE

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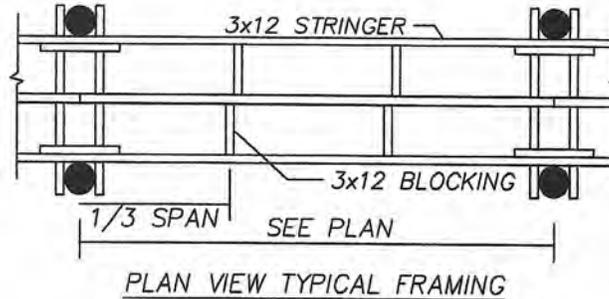
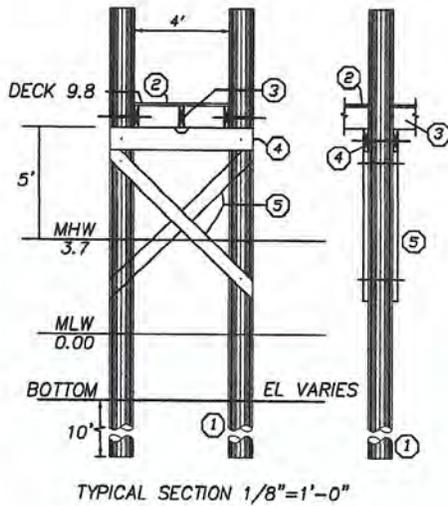
LEGEND	
	HTL HIGH TIDE LINE
	MHW MEAN HIGH WATER
	MLW MEAN LOW WATER
	PL PROPERTY LINE
	PLE PROPERTY LINE EXTENSION
	FND FOUND



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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% energy, followed by a one minute wait period, then two subsequent 3-strike sets at 40 % energy, with one minute waiting periods, before initiating continuous impact driving.



- ① 10" TIP CCA TREATED WOOD PILES
TREAT TO 2.5 PCF (1.0 ALLOWED WITH
OWNER CONSENT & GREENHEART AT FLOAT)
- ② 4' @ 5/4x6 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

GENERAL NOTES:

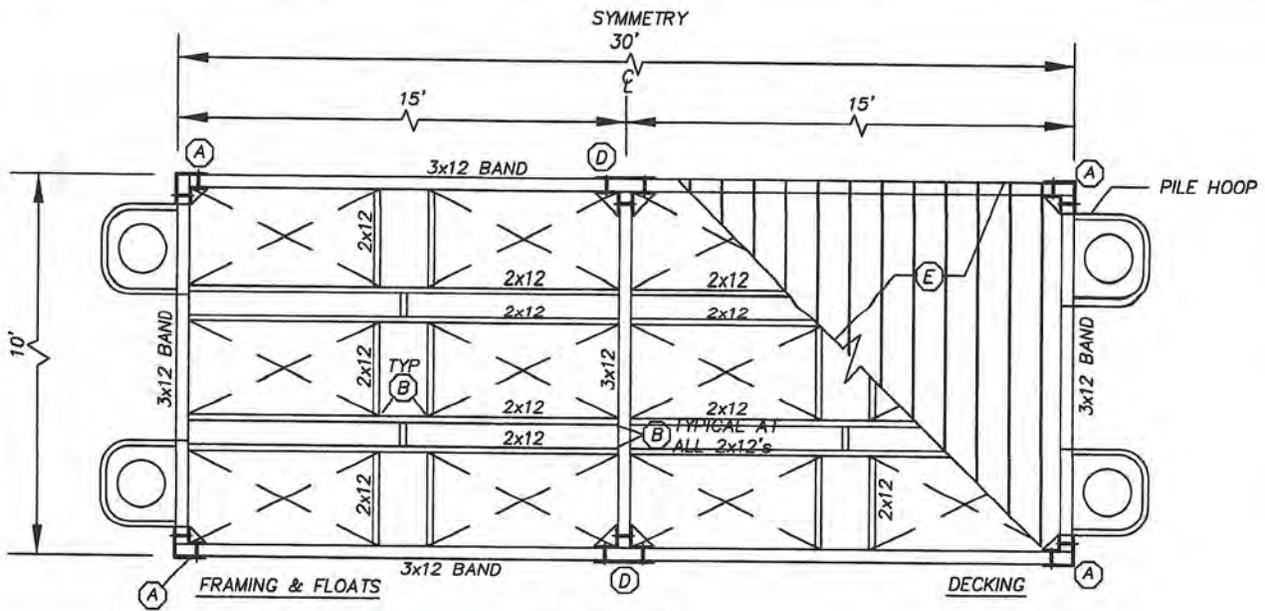
- 1) ALL BOLTS, CONNECTORS, WASHERS, NAILS, ECT
SHALL BE HOT DIPPED GALVANIZED
- 2) CONTRACTOR SHALL ADHERE TO ALL OSHA RULES
AND REGULATIONS THROUGHOUT ALL PHASES OF
CONSTRUCTION
- 3) CONTRACTOR SHALL BE AWARE THAT THE STRATA
INTO WHICH THESE PILES ARE TO BE DRIVEN
MAY REQUIRE DRILLING TO ENSURE A MINIMUM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

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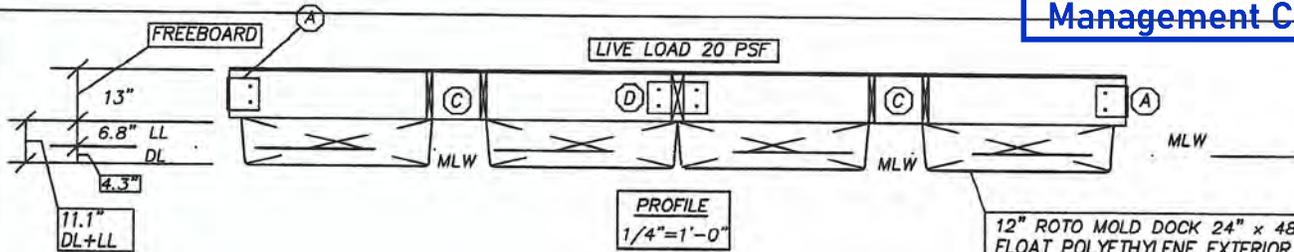
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PLAN VIEW
1/4" = 1'-0"

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PROFILE
1/4" = 1'-0"

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

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

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

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' (11.1") < 12" OK CRMC TABLE 8
400# POINT LOAD=.52' (6.2") DRAFT

B FASTEN 2x12 WITH HU212
SIMPSON JOIST HANGER

E 5/4 X 8 DECKING, FASTEN
TO STRINGERS WITH 3 NO.
8 STAINLESS STEEL SCREWS

C PICK POINT FOR SEASONAL
LIFTING

FLOAT DETAILS

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LL LIVE LOAD
DL DEAD LOAD

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