BRENTON COVE

CRMC TYPE 3 WATER

1 inch = 60ft.

FLOOD / EBB

N / W / E / S

FROM CRMC CITY OF NEWPORT "MAPS OF WATER USE" TRANSECT #119

NEWPORT HARBOR, RHODE ISLAND U.S.HARBOR LINES
U.S. ENGINEERING OFFICE, PROVIDENCE, R.I. DATED DEC. 9, 1939

N 142,937.74
E 375,349.14

MOORING #610
MOORING #611
MOORING #701
MOORING #629
MOORING #601
MOORING #649
MOORING #600
50' - Typ.

LINE FROM PROPERTY CORNER PERPENDICULAR TO HARBOR LINE

EXTENSION OF PROPERTY LINE

CONCRETE FLOATING WAVE ATTENUATORS - 3 @ 66 ft. = 198.0 O.A.L.

B22-4
N 142,841.67
E 375,600.90

N 142,826.29
E 375,605.34

B22-2
B22-5
N 142,786.83
E 375,410.65

OUTLINE OF EXTG. WOOD FIXED PIER

20"Ø DOCK GUIDE PILES WITH HDPE JACKET

80'± LONG x 6' WIDE ADA GANGWAY

OUTLINE OF EXTG. 16' W x 136' L CONCRETE FLOATING DOCK

2 @ 66 ft. = 132' O.A.L.

FLOATING DOCK

ROCK
TOP OF ROCK -0.1'

N 142,767.19
E 375,942.35

N 142,768.06
E 375,946.25

N 142,696.97
E 375,594.41

B22-3
N 142,652.14
E 375,620.60

RACE COMMITTEE DOCK
132'

CONC. DOCK CONNECTION

DINGHY DOCK
122'

B22-1

2 EMERGENCY LADDERS WEST SIDE OF FLOATING DOCK - STAINLESS STEEL GRADE 316

CONCRETE SLAB

DOCK OFFICE

FLAG POLE

NON-ADA 3 ft. WIDE GANGWAY

18"Ø DOCK GUIDE PILES WITH HDPE JACKET - RACE COMMITTEE & DINGHY DOCK

NOTE:
ALL FLOATING DOCK STRUCTURES TO BE DESIGNED TO HAVE 24" FREEBOARD

BENCHMARK
MAG. NAIL
SET IN PAVEMENT
ELEV. 5.60' NAVD88
ELEV. 7.5' MLW

CRMC TYPE 1 WATER

STONE & GRANITE BLOCK SEAWALL

MLW

MHW

EXTG. BUILDING "BOATHOUSE"

STONE PAVER WALK

EXISTING GRAVEL DRIVEWAY

WATER VALVE

STOCKADE FENCE

EXTG. PATH

RAMP

EL.=4.51

EL.=3.32

IRRIGATION VALVE

24" TREE

30" TREE

(TREES: 3 OLD LADIES)

EXISTING GRASS

LAWN SPRINKLER

PLANTING AREA

IRR. VALVE

S.M.H.

CB

CB (8" x 8")

ELEC. METER

40" TREE

EXISTING BITUMINOUS DRIVEWAY

EXISTING GRANITE CURB

EXISTING WALL

CURB INLET WITH MANHOLE S.M.H.

RIP-RAP DRAINAGE SWALE

WATER COLLECTION AREA

24" PIPE INV.

EXISTING BUILDING

ELEC. HAND HOLE APPROX. LOCATION

WATER SERVICE

HALIDON AVENUE
(PUBLIC - WIDTH VARIES)

PROPERTY LINE

N 142,483.08
E 375,459.49

RICHARD N. ST. JEAN
STATE OF RHODE ISLAND
No. 4997
REGISTERED PROFESSIONAL ENGINEER
11/21/22

NEW YORK YACHT CLUB
ASSESSORS MAP 41 LOT 12
5, 11 & 13 HALIDON AVENUE
NEWPORT, RHODE ISLAND

NOT FOR CONSTRUCTION

N 143,000 / N 142,800 / N 142,600 / N 142,400
E 375,400 / E 375,600 / E 375,800 / E 376,000

1. SHOW MOORING #629, SHOW CRMC TYPE 1 - TYPE 3 BOUNDARY #119 (11/21/22)

REVISIONS

New York Yacht Club - In-Water Repairs
Newport, Rhode Island
Prepared For:
5 Halidon Ave., Newport, Rhode Island
Lot 41

New York Yacht Club,
Assessors Plat 41

Overall Plan - Floating Docks

ST. JEAN ENGINEERING, LLC
CIVIL, MARINE AND STRUCTURAL CONSULTING ENGINEERING
209 Arnolds Neck Drive
Warwick, RI 02818
Phone: 401.398.0999
email: st.jean.engineering@verizon.net

SHT NO.
S9
9 of 10

BRENTON COVE

CRMC TYPE 3 WATER

FROM CRMC CITY OF NEWPORT "MAPS OF WATER USE" TRANSECT #119

NEWPORT HARBOR, RHODE ISLAND U.S.HARBOR LINES
U.S. ENGINEERING OFFICE, PROVIDENCE, R.I. DATED DEC. 9, 1939

N 142,937.74
E 375,349.14

N 142,835.57
E 375,206.68

MOORING #610
MOORING #611
MOORING #701
MOORING #629
MOORING #601
MOORING #649
MOORING #600
50' - Typ.

INTERSECTION WITH HARBOR LINE @
N 143,283.83
E 375,831.68

INTERSECTION WITH HARBOR LINE @
N 143,162.90
E 375,663.07

LINE FROM PROPERTY CORNER PERPENDICULAR TO HARBOR LINE

EXTENSION OF PROPERTY LINE

30 0 15 30 60 120
1 inch = 60ft.

NOTE:
ALL EXISTING TIMBER PIERS AND FLOATING DOCKS ARE TO BE REMOVED AND DISPOSED OF OFFSITE AS PART OF THE PROPOSED IN WATER IMPROVEMENTS. TIMBER PILES SUPPORTING THE EXISTING PIERS AND FLOATING DOCK GUIDE PILES WILL BE EXTRACTED OR CUT AT THE MUD LINE AS PART OF THE PROPOSAL.

EXTG. TIMBER PIER W/WAVE FENCE

60' ±
28' ±
160' ±

FLOATING DOCK
TIMBER PIER

OUTLINE OF EXTG. 16' W x 136' L CONCRETE FLOATING DOCK

EXTG. FLOATING DOCK

WOOD RAMP

CONCRETE SLAB
FLAG POLE
DOCK OFFICE

B22-1
B22-2
B22-3
B22-4
B22-5

FLOOD
EBB

ROCK
TOP OF ROCK -0.1'

BENCHMARK
MAG. NAIL
SET IN PAVEMENT
ELEV. 5.60' NAVD88
ELEV. 7.5' MLW

N 142,767.19
E 375,942.35

N 142,768.06
E 375,946.25

RAIL
36" DRAINAGE CULVERT
U.P.#27
GUY

N
W E
S

CRMC TYPE 1 WATER

CRMC TYPE 3 WATER
CRMC TYPE 1 WATER

STONE & GRANITE BLOCK SEAWALL

STONE & GRANITE BLOCK QUAY WALL

MLW
MHW

COASTAL FEATURE MANMADE SHORELINE

N 142,483.08
E 375,459.49

PROPERTY LINE

EXISTING GRAVEL DRIVEWAY
WATER VALVE
STOCKADE FENCE
M.H.
EL.=4.51
RAMP
EL.=3.32
IRRIGATION VALVE
24" TREE
30" TREE
(TREES: 3 OLD LADIES)
EXTG. PATH

EXISTING GRASS
LAWN SPRINKLER
PLANTING AREA
4" INV.
IRR. VALVE
S.M.H.
EXTG. BUILDING "BOATHOUSE"
STONE PAVER WALK
CB
CB (8" x 8")
ELEC. METER
40" TREE
EDGE OF PAVEMENT
EXISTING BITUMINOUS DRIVEWAY
EXISTING GRANITE CURB
EXISTING WALL
CURB INLET WITH MANHOLE S.M.H.
RIP-RAP DRAINAGE SWALE
WATER COLLECTION AREA
24" PIPE INV.
EXISTING BUILDING
ELEC. HAND HOLE APPROX. LOCATION
WATER SERVICE

HALIDON AVENUE
(PUBLIC - WIDTH VARIES)

NEW YORK YACHT CLUB
ASSESSORS MAP 41 LOT 12
5, 11 & 13 HALIDON AVENUE
NEWPORT, RHODE ISLAND

NOT FOR CONSTRUCTION

RICHARD N. ST. JEAN
STATE OF RHODE ISLAND
No. 4997
REGISTERED PROFESSIONAL ENGINEER
12/1/22

N 143,000
N 142,800
N 142,600
N 142,400
E 375,400
E 375,600
E 375,800
E 376,000

1. SHOW MOORING #629, SHOW CRMC TYPE 1 - TYPE 3 BOUNDARY #119 (11/21/22)
REVISIONS

New York Yacht Club - In-Water Repairs
Newport, Rhode Island
Prepared For:
New York Yacht Club,
Assessors Plat 41
5 Halidon Ave., Newport, Rhode Island
Lot 41

Existing Conditions Plan

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CIVIL, MARINE AND STRUCTURAL
CONSULTING ENGINEERING
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Warwick, RI 02818
Phone: 401.398.0999
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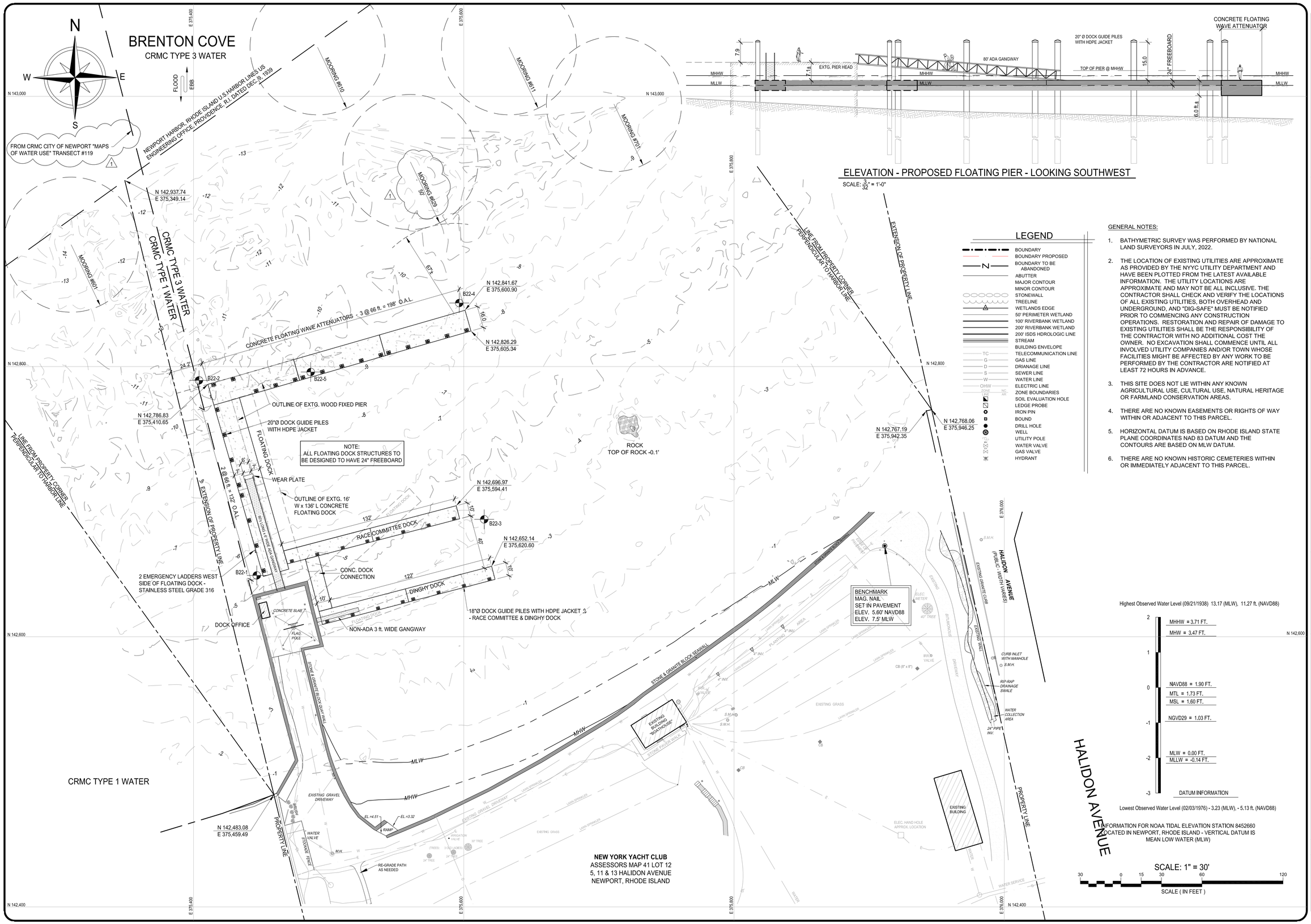
SHT NO.
S8
8 of 10



ELEVATION - PROPOSED FLOATING PIER - LOOKING SOUTHWEST

SCALE: $\frac{3}{32}$" = 1'-0"

LEGEND

- BOUNDARY
- BOUNDARY PROPOSED
- BOUNDARY TO BE ABANDONED
- ABUTTER
- MAJOR CONTOUR
- MINOR CONTOUR
- STONEWALL
- TREELINE
- WETLANDS EDGE
- 50' PERIMETER WETLAND
- 100' RIVERBANK WETLAND
- 200' RIVERBANK WETLAND
- 200' ISDS HDROLOGIC LINE
- STREAM
- BUILDING ENVELOPE
- TC — TELECOMMUNICATION LINE
- G — GAS LINE
- D — DRIANAGE LINE
- S — SEWER LINE
- W — WATER LINE
- OHW — ELECTRIC LINE
- ZONE LINE / NBC ZONE — ZONE BOUNDARIES
- SOIL EVALUATION HOLE
- LEDGE PROBE
- IRON PIN
- BOUND
- DRILL HOLE
- WELL
- UTILITY POLE
- WATER VALVE
- GAS VALVE
- HYDRANT

GENERAL NOTES:

1. BATHYMETRIC SURVEY WAS PERFORMED BY NATIONAL LAND SURVEYORS IN JULY, 2022.
2. THE LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AS PROVIDED BY THE NYYC UTILITY DEPARTMENT AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR TOWN WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
3. THIS SITE DOES NOT LIE WITHIN ANY KNOWN AGRICULTURAL USE, CULTURAL USE, NATURAL HERITAGE OR FARMLAND CONSERVATION AREAS.
4. THERE ARE NO KNOWN EASEMENTS OR RIGHTS OF WAY WITHIN OR ADJACENT TO THIS PARCEL.
5. HORIZONTAL DATUM IS BASED ON RHODE ISLAND STATE PLANE COORDINATES NAD 83 DATUM AND THE CONTOURS ARE BASED ON MLW DATUM.
6. THERE ARE NO KNOWN HISTORIC CEMETERIES WITHIN OR IMMEDIATELY ADJACENT TO THIS PARCEL.

Highest Observed Water Level (09/21/1938) 13.17 (MLW), 11.27 ft. (NAVD88)

MHHW	= 3.71 FT.
MHW	= 3.47 FT.
NAVD88	= 1.90 FT.
MTL	= 1.73 FT.
MSL	= 1.60 FT.
NGVD29	= 1.03 FT.
MLW	= 0.00 FT.
MLLW	= -0.14 FT.

DATUM INFORMATION

Lowest Observed Water Level (02/03/1976) - 3.23 (MLW), - 5.13 ft. (NAVD88)

INFORMATION FOR NOAA TIDAL ELEVATION STATION 8452660 LOCATED IN NEWPORT, RHODE ISLAND - VERTICAL DATUM IS MEAN LOW WATER (MLW)

SCALE: 1" = 30'

30 0 15 30 60 120

SCALE (IN FEET)

1. SHOW MOORING #629, SHOW CRMC TYPE 1 - TYPE 3 BOUNDARY #119 (11/2/22)

Revisions:

RICHARD N. ST. JEAN
REGISTERED PROFESSIONAL ENGINEER
4997

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CIVIL, MARINE AND STRUCTURAL ENGINEERING
209 Arnold Neck Drive
Warwick, RI 02886
Phone: 401.398.0090
st.jean.engineering@verizon.net

Overall Plan - Floating Docks

Drawn: RWF
Checked: RSJ
Scale: AS NOTED
DATE: 8/19/2022

New York Yacht Club

AP 41 Lot 12/ 5, 11, 13 Halidon Avenue
Newport, Rhode Island

In-Water Improvements

JOB NO.

DWG. NO.

1

SHT. 1 OF 1