SURVEY NOTES:
1. BASE PLAN OBTAINED FROM SURVEY TITLED "WATERFRONT IMPROVEMENTS, 505 LAKE STREET, BURLINGTON, VT" PREPARED BY CEA ASSOCIATES, INC. DATED 07/15/2019.
2. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CONFLICTS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE CONTRACTOR SHALL CONTACT D.G. SAFE (802-344-7323) PRIOR TO ANY CONSTRUCTION.
3. PROPERTY LINE INFORMATION BASED ON INFORMATION ABSTRACTED FROM THE CITY OF BURLINGTON LAND RECORDS. THIS PLAN IS NOT A BOUNDARY SURVEY AND SHOWN TO BE CONSISTENT WITH RECORDED DOCUMENTS.
4. SITE INFORMATION IS BASED ON A FIELD SURVEY PERFORMED BY CIVIL ENGINEERING ASSOCIATES, INC. JANUARY 2019. CIVIL ENGINEERING ASSOCIATES, INC. SURVEY ORIENTATION IS "GRID NORTH", VERMONT COORDINATE SYSTEM OF 1983 (HORIZONTAL) AND NGVD29 (VERTICAL).
5. PROJECT BENCHMARK IS LAKE CHAMPLAIN ESTABLISHED FROM THE UNITED STATES GEOLOGICAL SURVEY GAUGING STATION 04294500 LOCATED IN BURLINGTON, VERMONT. (DATUM NGVD 29).
6. THIS PROPERTY LIES WITHIN THE DOWNTOWN WATERFRONT - PUBLIC TRUST DISTRICT (DW-PT) AND THE Overlay Districts: WETLANDS, RIPARIAN AND LITTORAL CONSERVATION, SPECIAL FLOOD HAZARD AREA and DESIGN REVIEW.

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DESIGN VESSEL NOTES:
DESIGNER: SKIP ETCHELLS
DIMENSIONS:
OVERALL LENGTH: 30 ft / 9.29 m
WATERLINE LENGTH: 25 ft / 7.68 m
BEAM: 7 ft / 2.12 m
DRAFT: 4.5 ft / 1.37 m
SAIL AREA (MEASURED): 260 sq. ft. / 79.27 sq. m
SAIL AREA (NORMAL): 450 sq. ft. / 132.08 sq. m

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REMOVE RIP RAP FROM WITHIN FACILITY OUTLINE PRIOR TO INSTALLATION OF THE PORTADAM.

PORTADAM OR ENGINEER ACCEPTED EQUIVALENT.

FEMA LAKE CHAMPLAIN COMMUNITY SAILING CENTER
505 Lake St.
Burlington, VT 05401

WATERFRONT IMPROVEMENTS

LAKE CHAMPLAIN COMMUNITY SAILING CENTER
505 Lake St.
Burlington, VT 05401

For Permits Only

Site Controls

C-102
LAKE CHAMPLAIN
COMMUNITY
SAILING CENTER
505 Lake St.
Burlington, VT
05401

WATERFRONT
IMPROVEMENTS

FOR PERMITS ONLY

DREDGING PLAN
C-105

SCALE: 1"=8'-0"

PLAN
LAUNCH WELL DREDGING

SCALE: 1"=8'-0"

SECTION
LAUNCH WELL DREDGING

SCALE: 1"=8'-0"

LAUNCH WELL DREDGING PLAN

SCALE: 1"=8'-0"

DREDGE

SQUARE FOOTAGE: 3,600 SF
VOLUME REMOVE: 530 CY

CONCRETE CRANE PAD (BEYOND)

TOP EL. 104.0

BOT EL. 82.0

10'-0"

12" BELOW PROPOSED DREDGE DEPTH

DREDGE EL. 88.0

AREA TO BE DREDGED: EL. 88.0

TOP EL. 104.0

ORDINARY HIGH WATER EL. 98.0

MEAN WATER EL. 95.5

FEMA EL. 102.0

A

LAUNCH WELL DREDGING SECTION

SCALE: 1"=8'-0"

DREDGE

SQUARE FOOTAGE: 3,600 SF
VOLUME REMOVE: 530 CY

CONCRETE CRANE PAD (BEYOND)

TOP EL. 104.0

BOT EL. 82.0

10'-0"

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