Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/05/13

RAMP LAYOUT

(SEE SHEETS C-2 AND C-3 FOR PROPOSED GRADING)

0 10 20 30 60

PROJECT ELEVATIONS (BY DATUM)

ELEVATION	CHART (ft)	NGVD29 (ft)	NAVD88 (ft)	Notes
FEMA Base Flood	14.52	10.00	9.27	FEMA Zone "A2"
Highest Annual Tide	11.90	7.38	6.65	2013 MEDEP Predictions
MHHW	9.90	5.38	4.65	BASED ON TIDAL BM "PORTLAND"
MHW	9.47	4.95	4.22	
NAVD88	5.25		0.00	
NGVD29	4.52	0.00		
MLW	0.34	-4.18	-4.91	
MLLW	0.00	-4.52	-5.25	

1. BASE FLOOD INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAP
2. HIGHEST ANNUAL TIDE TAKEN FROM MAINE DEP PUBLISHED PREDICTIONS
3. TIDAL INFORMATION TAKEN FROM NOAA PUBLISHED DATA

SURVEY & DATUM NOTES

1. ALL ELEVATIONS AND TOPOGRAPHY PROVIDED ON THE PLANS ARE REFEENCED TO NGVD29 DATUM PER OWEN HASKELL, INC. ALTA/ACSM LAND TITLE SURVEY DATED 7-02-2012 RECEIVED FROM FAY, SPOFFARD & THORNDIKE, UNLESS OTHERWISE NOTED. SEE OWEN HASKEEL, INC PLAN NOTES FOR ADDITIONAL INFORMATION.
2. DIGITAL SURFACE (CONTOURS) PROVIDED IN AUTOCAD (CIVIL3D) FORMAT BY FAY, SPOFFARD & THORNDIKE ON SEPT. 17, 2013. TOPOGRAPHY IS FROM OWEN HASKELL, INC SURVEY REFERENCED TO NGVD29 (SEE NOTE 1).
3. BASE FLOOD ELEVATION IS BASED ON FEMA FLOOD INSURANCE RATE MAP. BASE FLOOD LINE SHOWN BASED ON FEMA ELEVATION (NGVD29) AND OWEN HASKELL, INC TOPOGRAPHY REFERENCED TO NGVD29 (SEE NOTE 1).
4. PLAN NORTH AND ANY COORDINATES PROVIDED ARE BASED ON OWEN HASKELL, INC SURVEY (SEE NOTE 1). DIGITAL DATA (PLAN) RECEVIED FROM FAY, SPOFFARD & THORNDIKE IN AUTOCAD FORMAT REFERENCED TO "MAINE STATE PLANE WEST NAD83 DATUM".

BAKER DESIGN CONSULTANTS
Civil, Marine, and Structural Engineering
7 Spruce Road • Freeport • Maine • 04032 • 207-846-9724 • info@bakerdesignconsultants.com

NO.	DATE	INT.
E	CONSTRUCTION (7' SHIFT NW)	9-26-13	BJB
D	CLIENT REVIEW	9-17-13	JJC
C	CLIENT REVIEW	9-16-13	BJB
B	CLIENT REVIEW	9-11-13	BJB
A	FINAL ALIGNMENT REVIEW SUBMISSION	8-29-13	BJB

STATE OF MAINE
BARNEY J. BAKER
No. 5737
LICENSED PROFESSIONAL ENGINEER

DESIGNED BY: BJB
DRAWN BY: JJC
CHECKED BY: BJB
SCALE: AS SHOWN

SHEET TITLE: BOAT RAMP SITE LAYOUT

PROJECT: NEW YARD LLC
CANAL LANDING
PORTLAND, MAINE

DATE AUG 2013

CONTRACT NO. 11-46

SHEET NO. C-1

REV. E

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