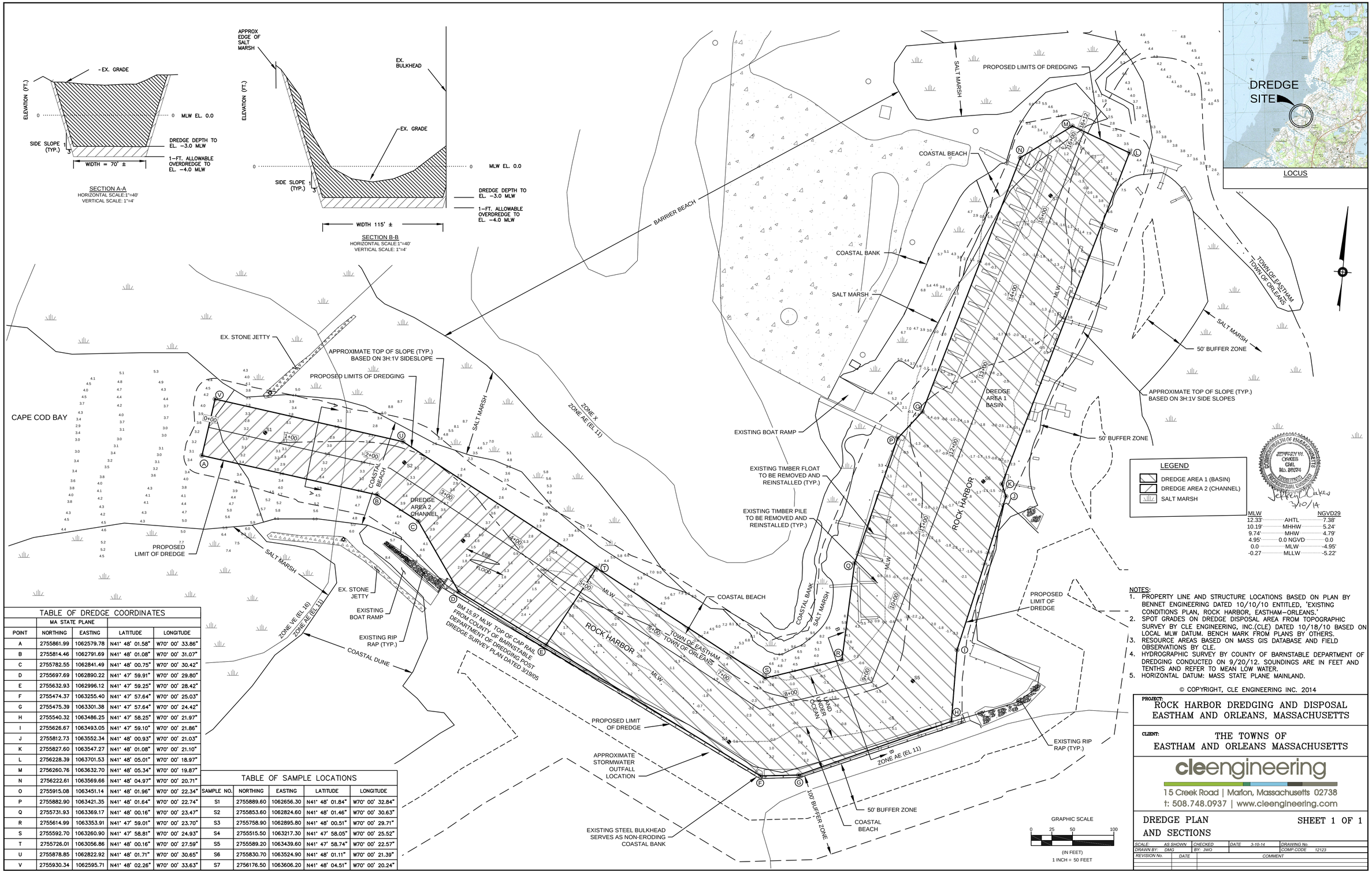

MLW		NGVD29
12.33'	AHTL	7.38'
10.19'	MHHW	5.24'
9.74'	MHW	4.79'
4.95'	0.0 NGVD	0.0
0.0	MLW	-4.95'
-0.27	MLLW	-5.22'

NOTES:

1. PROPERTY LINE AND STRUCTURE LOCATIONS BASED ON PLAN BY BENNET ENGINEERING DATED 10/10/10 ENTITLED, 'EXISTING CONDITIONS PLAN, ROCK HARBOR, EASTHAM-ORLEANS.'
2. SPOT GRADES ON DREDGE DISPOSAL AREA FROM TOPOGRAPHIC SURVEY BY CLE ENGINEERING, INC.(CLE) DATED 10/18/10 BASED ON LOCAL MLW DATUM. BENCH MARK FROM PLANS BY OTHERS.
3. RESOURCE AREAS BASED ON MASS GIS DATABASE AND FIELD OBSERVATIONS BY CLE.
4. HYDROGRAPHIC SURVEY BY COUNTY OF BARNSTABLE DEPARTMENT OF DREDGING CONDUCTED ON 9/20/12. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER.
5. HORIZONTAL DATUM: MASS STATE PLANE MAINLAND.

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TABLE OF DREDGE COORDINATES

POINT	MA STATE PLANE NORTHING	MA STATE PLANE EASTING	LATITUDE	LONGITUDE
A	2755861.99	1062579.78	N41° 48' 01.58"	W70° 00' 33.86"
B	2755814.46	1062791.69	N41° 48' 01.08"	W70° 00' 31.07"
C	2755782.55	1062841.49	N41° 48' 00.75"	W70° 00' 30.42"
D	2755697.69	1062890.22	N41° 47' 59.91"	W70° 00' 29.80"
E	2755632.93	1062996.12	N41° 47' 59.25"	W70° 00' 28.42"
F	2755474.37	1063255.40	N41° 47' 57.64"	W70° 00' 25.03"
G	2755475.39	1063301.38	N41° 47' 57.64"	W70° 00' 24.42"
H	2755540.32	1063486.25	N41° 47' 58.25"	W70° 00' 21.97"
I	2755626.67	1063493.05	N41° 47' 59.10"	W70° 00' 21.86"
J	2755812.73	1063552.34	N41° 48' 00.93"	W70° 00' 21.03"
K	2755827.60	1063547.27	N41° 48' 01.08"	W70° 00' 21.10"
L	2756228.39	1063701.53	N41° 48' 05.01"	W70° 00' 18.97"
M	2756260.76	1063632.70	N41° 48' 05.34"	W70° 00' 19.87"
N	2756222.61	1063569.66	N41° 48' 04.97"	W70° 00' 20.71"
O	2755915.08	1063451.14	N41° 48' 01.96"	W70° 00' 22.34"
P	2755882.90	1063421.35	N41° 48' 01.64"	W70° 00' 22.74"
Q	2755731.93	1063369.17	N41° 48' 00.16"	W70° 00' 23.47"
R	2755614.99	1063353.91	N41° 47' 59.01"	W70° 00' 23.70"
S	2755592.70	1063260.90	N41° 47' 58.81"	W70° 00' 24.93"
T	2755726.01	1063056.86	N41° 48' 00.16"	W70° 00' 27.59"
U	2755878.85	1062822.92	N41° 48' 01.71"	W70° 00' 30.65"
V	2755930.34	1062595.71	N41° 48' 02.26"	W70° 00' 33.63"

TABLE OF SAMPLE LOCATIONS

SAMPLE NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
S1	2755889.60	1062656.30	N41° 48' 01.84"	W70° 00' 32.84"
S2	2755853.60	1062824.60	N41° 48' 01.46"	W70° 00' 30.63"
S3	2755758.90	1062895.80	N41° 48' 00.51"	W70° 00' 29.71"
S4	2755515.50	1063217.30	N41° 47' 58.05"	W70° 00' 25.52"
S5	2755589.20	1063439.60	N41° 47' 58.74"	W70° 00' 22.57"
S6	2755830.70	1063524.90	N41° 48' 01.11"	W70° 00' 21.39"
S7	2756176.50	1063606.20	N41° 48' 04.51"	W70° 00' 20.24"

PROJECT:
ROCK HARBOR DREDGING AND DISPOSAL
EASTHAM AND ORLEANS, MASSACHUSETTS

CLIENT:
THE TOWNS OF
EASTHAM AND ORLEANS MASSACHUSETTS

cleengineering
15 Creek Road | Marlon, Massachusetts 02738
t: 508.748.0937 | www.cleengineering.com

DREDGE PLAN AND SECTIONS

SHEET 1 OF 1

SCALE: AS SHOWN	CHECKED	DATE 3-10-14	DRAWING No.
DRAWN BY: DMG	BY: JWO		COMP.CODE 12123

REVISION No.	DATE	COMMENT