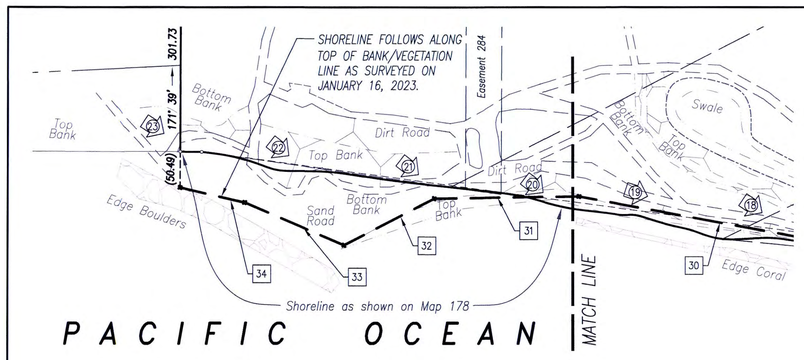
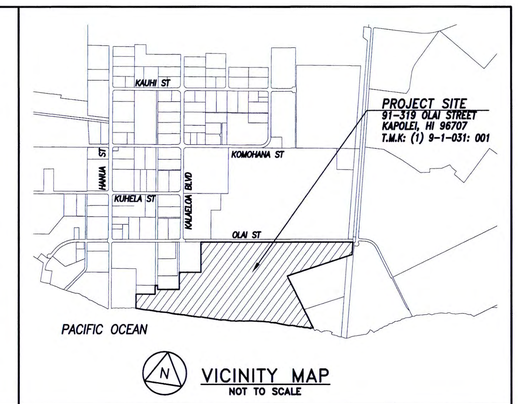
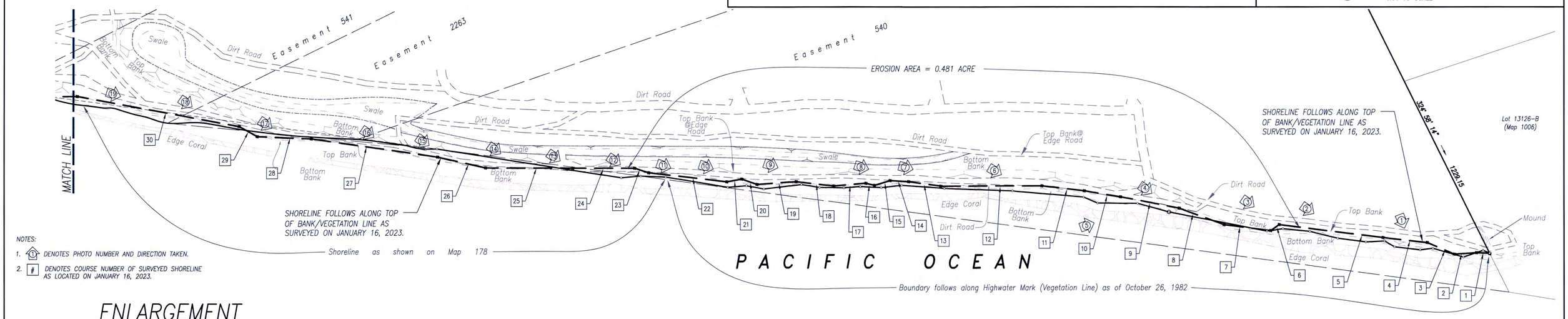


COURSE NO #	AZIMUTH	LENGTH (in feet)	DESCRIPTION	COURSE NO #	AZIMUTH	LENGTH (in feet)	DESCRIPTION
1	83° 29' 00"	29.58	Top Bank/Edge Veg.	18	88° 10' 04"	85.07	Top Bank/Edge Veg.
2	77° 29' 13"	49.79	Top Bank/Edge Veg.	19	77° 08' 25"	87.89	Top Bank/Edge Veg.
3	104° 29' 58"	66.27	Top Bank/Edge Veg.	20	100° 40' 48"	36.72	Top Bank/Edge Veg.
4	87° 46' 47"	100.34	Top Bank/Edge Veg.	21	70° 56' 23"	34.13	Top Bank/Edge Veg.
5	88° 25' 17"	234.69	Top Bank/Edge Veg.	22	87° 54' 10"	176.26	Top Bank/Edge Veg.
6	46° 40' 37"	23.13	Top Bank/Edge Veg.	23	98° 43' 35"	33.32	Top Bank/Edge Veg.
7	88° 21' 54"	105.30	Top Bank/High Water Mark	24	81° 30' 31"	137.96	Top Bank/Edge Veg.
8	101° 30' 16"	108.13	Top Bank/Edge Veg.	25	81° 25' 06"	195.56	Top Bank/Edge Veg.
9	92° 15' 01"	134.47	Top Bank/Edge Veg.	26	94° 05' 17"	110.16	Top Bank/Edge Veg.
10	90° 40' 49"	82.33	Top Bank/Edge Veg.	27	89° 32' 52"	286.70	Top Bank/Edge Veg.
11	88° 09' 09"	95.51	Top Bank/Edge Veg.	28	83° 47' 56"	121.69	Top Bank/Edge Veg.
12	81° 10' 20"	227.04	Top Bank/Edge Veg.	29	110° 40' 41"	46.35	Top Bank/Edge Veg.
13	89° 06' 16"	72.99	Top Bank/Edge Veg.	30	91° 51' 50"	369.30	Top Bank/Edge Veg.
14	84° 38' 52"	41.56	Top Bank/Edge Veg.	31	80° 28' 35"	202.61	Top Bank/High Water Mark
15	64° 03' 19"	35.84	Top Bank/Edge Veg.	32	53° 50' 17"	142.57	Top Bank/High Water Mark
16	94° 21' 54"	20.31	Top Bank/Edge Veg.	33	104° 41' 33"	151.65	Edge Rocks
17	76° 21' 26"	72.66	Top Bank/Edge Veg.	34	94° 28' 43"	92.98	Edge Rocks



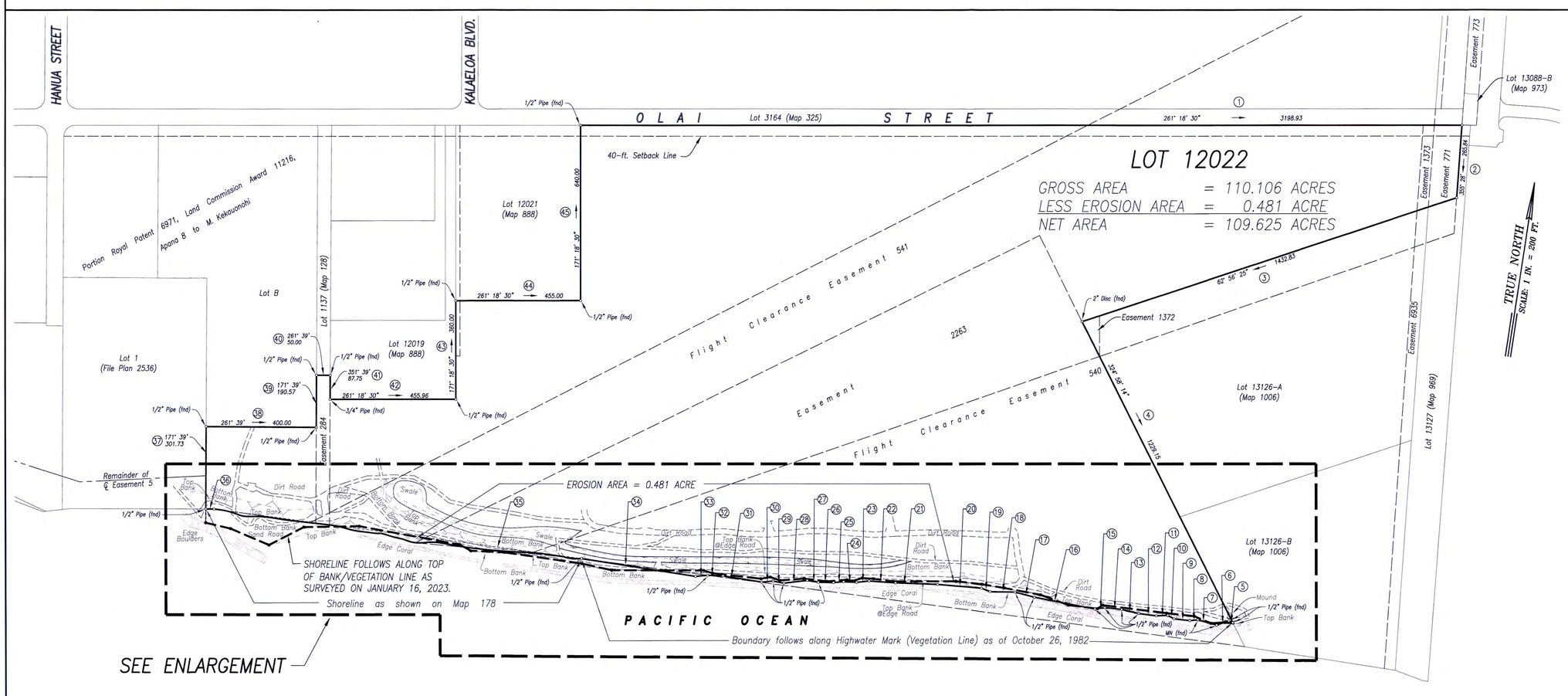


NOTES:

1. DENOTES PHOTO NUMBER AND DIRECTION TAKEN.
2. # DENOTES COURSE NUMBER OF SURVEYED SHORELINE AS LOCATED ON JANUARY 16, 2023.

ENLARGEMENT

SCALE: 1 IN = 100 FT



COURSE NO #	AZIMUTH	LENGTH (in feet)
5	105° 40'	15.96
6	62° 20'	47.00
7	97° 20'	71.00
8	75° 00'	29.00
9	88° 00'	58.00
10	111° 00'	26.00
11	78° 30'	42.00
12	89° 00'	64.00
13	95° 00'	64.00
14	87° 00'	61.00
15	73° 00'	36.00
16	92° 20'	225.00
17	96° 30'	73.00
18	82° 00'	90.00
19	104° 00'	34.00
20	86° 20'	160.00
21	83° 30'	153.00
22	85° 20'	96.00
23	75° 00'	46.00
24	84° 00'	47.00
25	76° 40'	37.00
26	82° 40'	55.00
27	90° 30'	41.00
28	74° 30'	85.00
29	92° 00'	40.00
30	76° 30'	42.00
31	90° 40'	141.00
32	83° 30'	56.00
33	76° 00'	44.00
34	90° 16' 25"	417.45
35	89° 02' 53"	1348.18
36	81° 26' 30"	30.00

NOTES:

1. AZUMITHS ARE REFERRED TO GOVERNMENT SURVEY TRIANGULATION STATION "KAPUAI NEW".
2. # DENOTES COURSE NUMBER OF RECORD BOUNDARY (MAP 888).
3. FOR METES AND BOUNDS AND PHOTO DIRECTIONS OF SURVEYED SHORELINE, SEE ENLARGEMENT.

GRAPHIC SCALE

200 100 0 200 400

1" = 200'

SHORELINE SURVEY MAP

LOT 12022

LAND COURT APPLICATION 1069 (MAP 888)

HONOULIULI, EWA, OAHU, HAWAII
TAX MAP KEY: (1) 9-1-031: 001
SITE ADDRESS: 91-319 OLAI STREET
KAPOLEI, HI 96707

PREPARED FOR: EURUS ENERGY AMERICA LLC
9255 TOWNE CENTRE DRIVE, SUITE 840
SAN DIEGO, CA 92121

OWNER: STATE OF HAWAII
DEPARTMENT OF AGRICULTURE
1428 S. KING STREET
HONOLULU, HI 96814

DAVID E. MIRAN
LICENSED PROFESSIONAL LAND SURVEYOR
No. 18358
HAWAII, U.S.A.

This Work Was Prepared By Me or Under My Supervision

Lic. Exp. 04/24
Licensed Professional Land Surveyor
Certificate Number 18358
Land Court Certificate No. 340

#22-38.03

CONSTRUCTION MANAGEMENT & ENGINEERING, LLC
ENGINEERS ~ SURVEYORS
45 N. KING STREET, SUITE 601
HONOLULU, HAWAII 96817

JANUARY 18, 2023