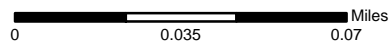






LEGEND

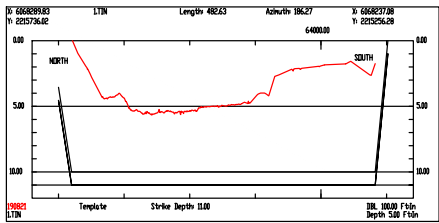
 GLEN COVE MARINA DREDGE FOOTPRINT



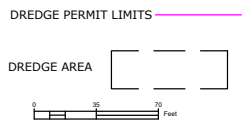
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



**FIGURE 3.
PROPOSED DREDGE BOUNDARY
GLEN COVE MARINA**



NOTES:
1. SOUNDINGS AND ELEVATIONS SHOWN REPRESENT EXISTING CONDITIONS AT THE TIME SURVEYED



OPERATOR / CONDITIONS	
SURVEY DATE:	JULY 24, 2019
ENGINEER / SURVEYOR:	K TWEED
SURVEY VESSEL:	OTTER
VESSEL OPERATOR:	D. GEWANT
WEATHER:	SUNNY
TEMPERATURE:	85 F
WIND:	S VARIABLE
SEA:	0

ELECTRONIC EQUIPMENT	
FATHOMETER:	ODOM CHY SINGLE BEAM
FREQUENCY(S):	200
HEAVE COMP.:	NOVATEL SPAN IMU
SOS (AVG):	1496
POSITIONING:	RTK
USCG BEACON:	NONE
TIDE GAUGE:	RTK TIDES
	RTK VIA IMU

PROJECT DETAILS	
HORIZONTAL DATUM:	NAD83
LOCAL GRID:	CA ZONE III
VERTICAL DATUM:	NAVD 88
UNITS HORIZ. / VERT.:	FT/FT
SURVEY/PROJ. CONTROL POINT:	X= 6419074.1237E Y= 2423353.7871N
SURVEY/PROJ. BENCH MARK:	Z= 9.2 X= SAME Y= SAME Z= SAME
TIDE STAFF LOCATION:	ACOE GROTTO

FIGURE 4.
Survey and Cross Section

PROJECT	GLEN COVE MARINA VALLEJO, CA	
TITLE/SURVEY TITLE	HARBOR SURVEY	
DATE: AUGUST 08, 2019	CLIENT: NIMA GABBAY	SCALE: 1:80
FILE NAME: CONDITIONAL SURVEY	DRAWN BY: K TWEED	APPROVED BY: NIMA GABBAY
		PAGE 1 OF 1

Nima Gabbay
Nima Gabbay

Permit Numbers: BCDC-M95-37
Army Corps – 2009-00120