

SURVEY NOTES

SURVEYED BY PACIFIC AFFILIATES CONSULTING ENGINEERS FEBRUARY 18, 2018.
SOUNDINGS ARE REFERENCED TO THE DATUM OF MEAN LOWER LOW WATER USING PACIFIC AFFILIATES TIDAL POINT, TIED BY SURVEY TO USGS BRASS DISK 1940' LOCATED IN THE CONCRETE SEA WALL, USCG STATION HUMBOLDT BAY, ELEVATION 14.28' MLW.
SOUNDINGS ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT.
VERTICAL DATUM UTILIZED - MEAN LOWER LOW WATER (MLW) HORIZONTAL CONTROL REFERENCED TO NAD27, CALIF. ZONE 1, LAMBERT CONFORMAL PROJECTION.
SURVEY REPRESENTS THE CONDITIONS ON THE DATE SURVEYED (FEBRUARY 18, 2018).

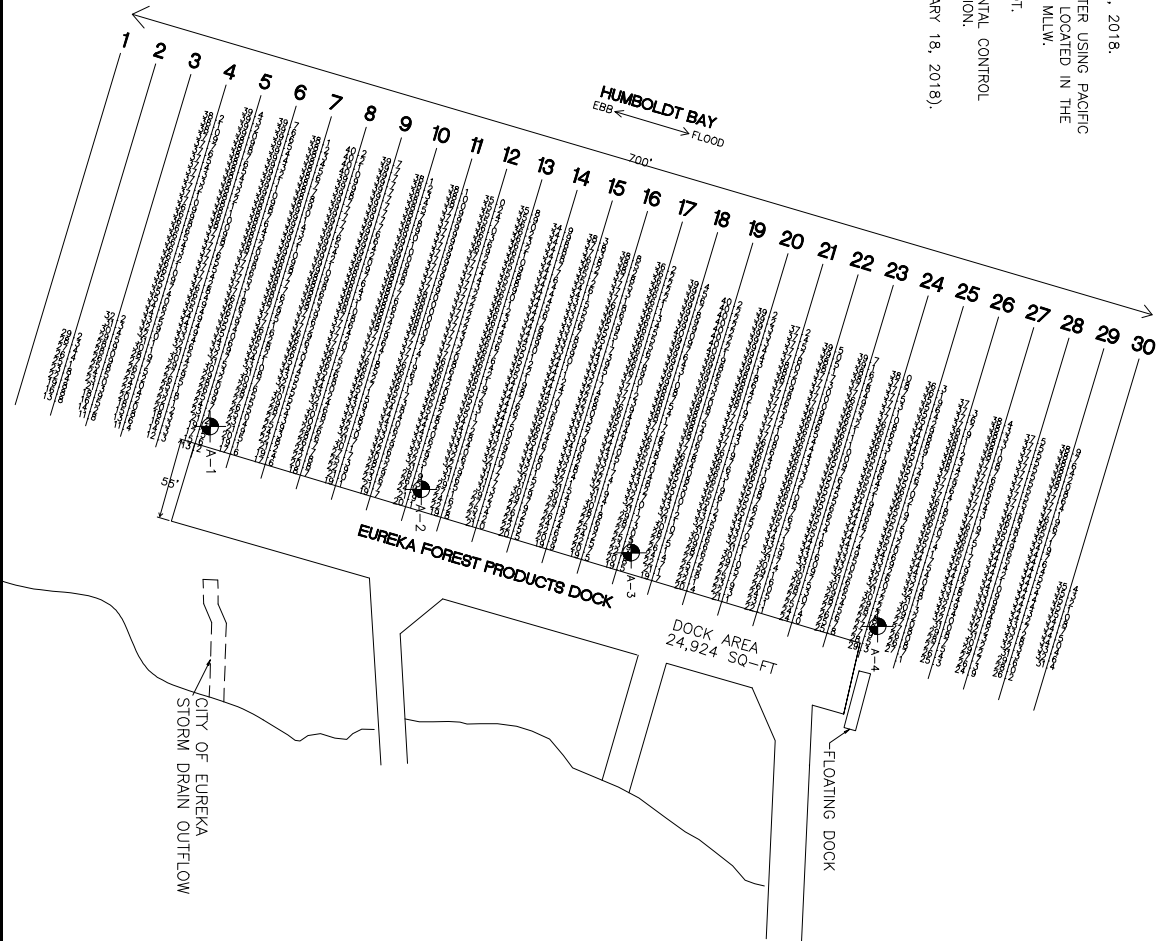
DREDGE NOTES




- 1. DESIGN DREDGE DEPTH IS -37 FT MLW
- 2. PLUS A 2 FT OVERDREDGE
- 3. EDGES OF PROPOSED DREDGE AREA WILL BE BOX CUT
- 4. NORTH BAY AND EUREKA CHANNELS ARE DREDGED BY U.S. ARMY CORPS OF ENGINEERS TO -38 FT MLW. CHANNEL EDGES ARE BOX CUT

SAMPLING NOTES

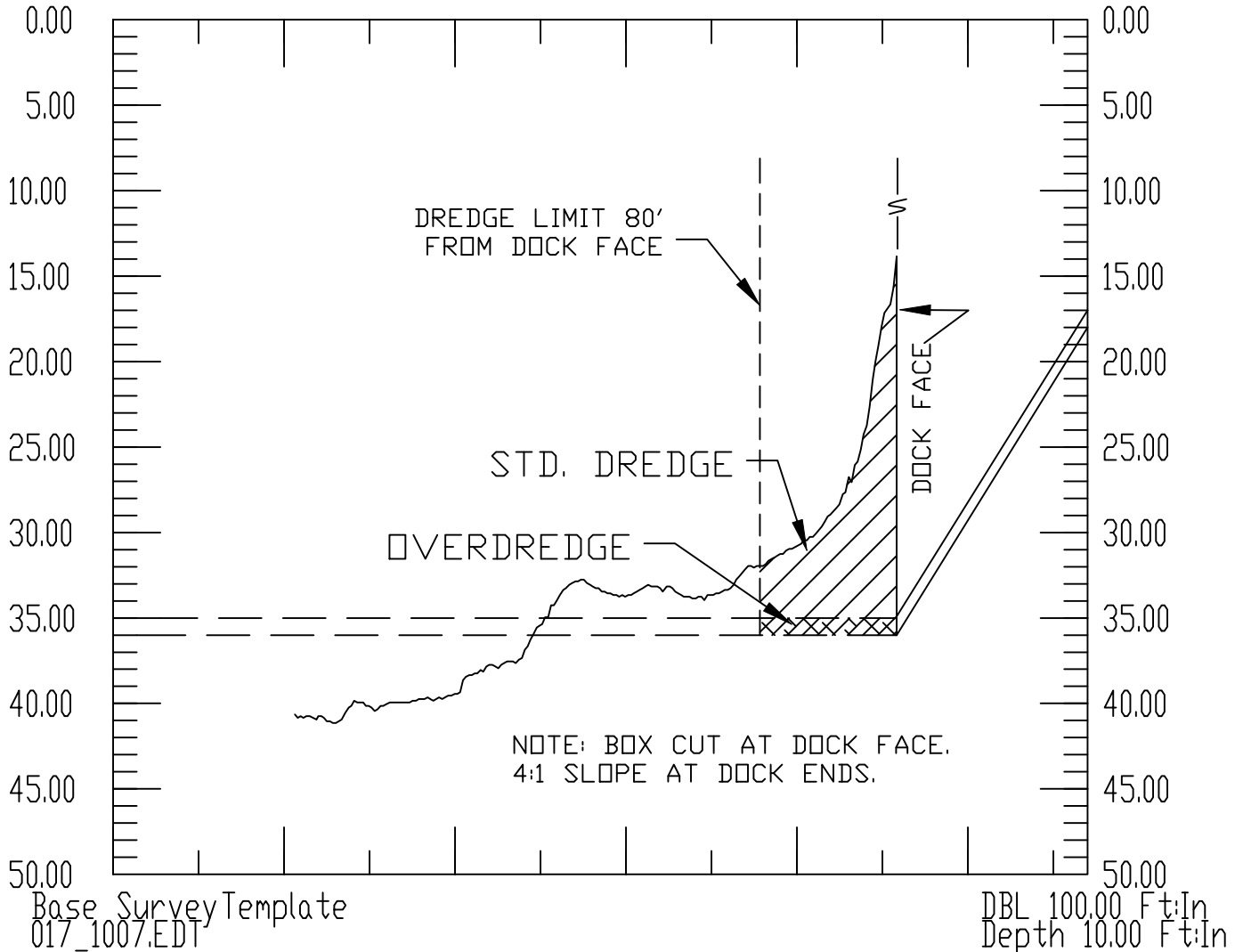
SAMPLING LOCATION
CONTINUOUS CORE SAMPLES OBTAINED AT FOUR LOCATIONS ON AUGUST 23, 2013 BY PACIFIC AFFILIATES, INC.
VIBROCORE-D CORING DEVICE USED TO OBTAIN SAMPLES

SAMPLE	CORE LENGTH	WATER DEPTH	TIME
A-1	14.9 FT	25 FT	17:15
A-2	10.9 FT	28 FT	16:45
A-3	10.8 FT	31 FT	16:15
A-4	7.8 FT	37 FT	14:15



 FIGURE 2 9000	Date: 11/13/2018 Scale: 1" = 40' 15'	EUREKA FOREST PRODUCTS 1206 WEST 14TH STREET EUREKA, CA 95501 OPERATED BY SIERRA PACIFIC INDUSTRIES	BATHYMETRIC SURVEY <small>PACIFIC AFFILIATES, INC. HEREBY CERTIFIES THAT THE DATA AND INFORMATION CONTAINED HEREIN WERE OBTAINED BY THE METHODS AND PROCEDURES DESCRIBED IN THE REPORT AND THAT THE DATA AND INFORMATION ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF.</small>	 6783 Exp. 12-31-2016 CIVIL STATE OF CALIFORNIA	 PACIFIC AFFILIATES CONSULTING ENGINEERS 930 W. WATERFRONT DRIVE, EUREKA, CA 95501 TEL (707) 445-3001 • FAX (707) 445-3003	REVISIONS BY

X: 1393594.03 017_1007.EDT Length: 2160.02 Azimuth: 107.31 X: 1395656.21
 Y: 540098.63 Y: 539455.89



SCALE: H: 1"=100'
 V: 1"=10'




EUREKA FOREST PRODUCTS
 1206 WEST 14TH STREET
 Eureka, California

TYPICAL CROSS SECTION
 OF DREDGE PRISM
 FIGURE 3



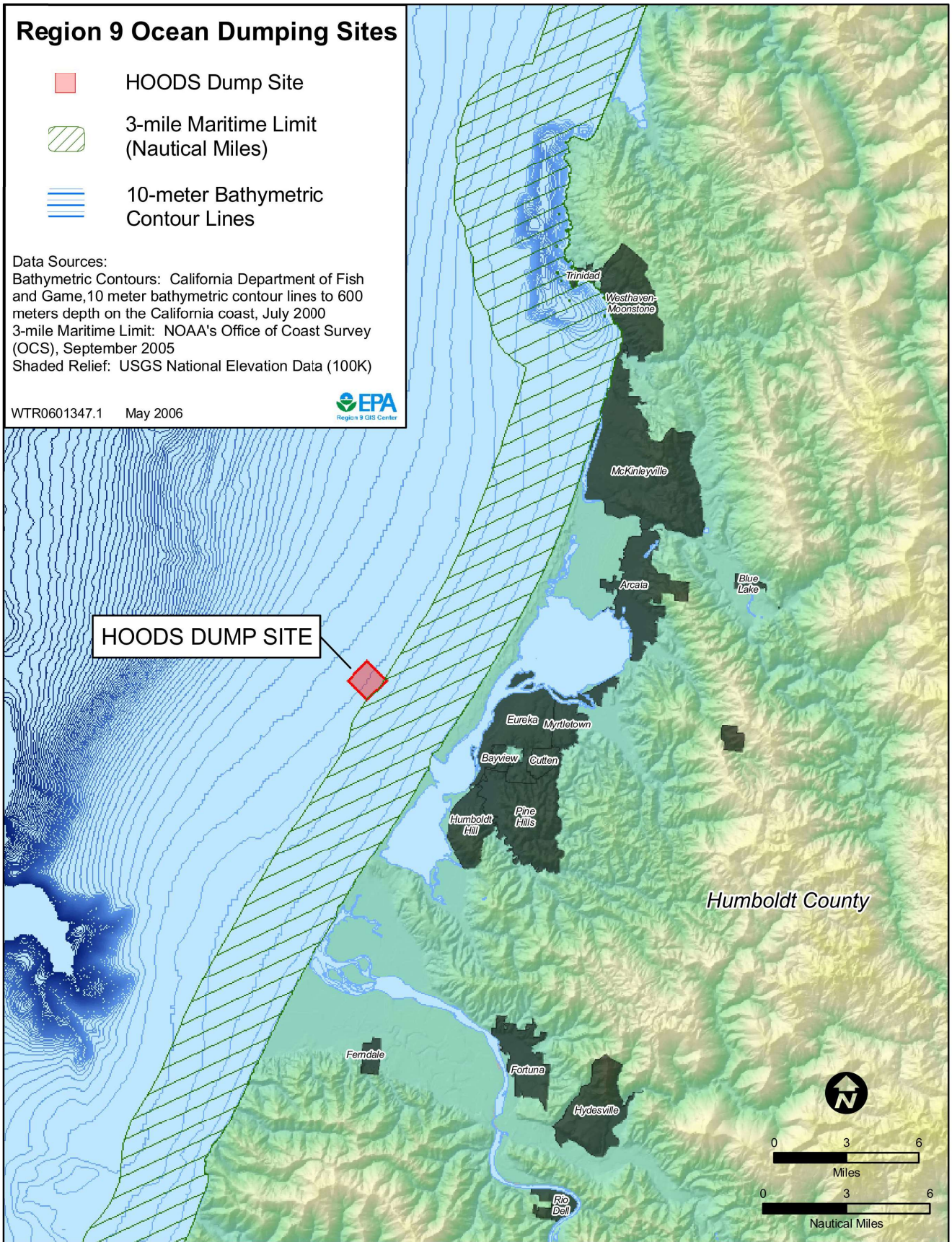
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Region 9 Ocean Dumping Sites

-  HOODS Dump Site
-  3-mile Maritime Limit (Nautical Miles)
-  10-meter Bathymetric Contour Lines

Data Sources:
 Bathymetric Contours: California Department of Fish and Game, 10 meter bathymetric contour lines to 600 meters depth on the California coast, July 2000
 3-mile Maritime Limit: NOAA's Office of Coast Survey (OCS), September 2005
 Shaded Relief: USGS National Elevation Data (100K)

WTR0601347.1 May 2006





Eureka Forest Products
 1206 West 14th Street
 Eureka, California

HOODS – Area Map
 Figure 4



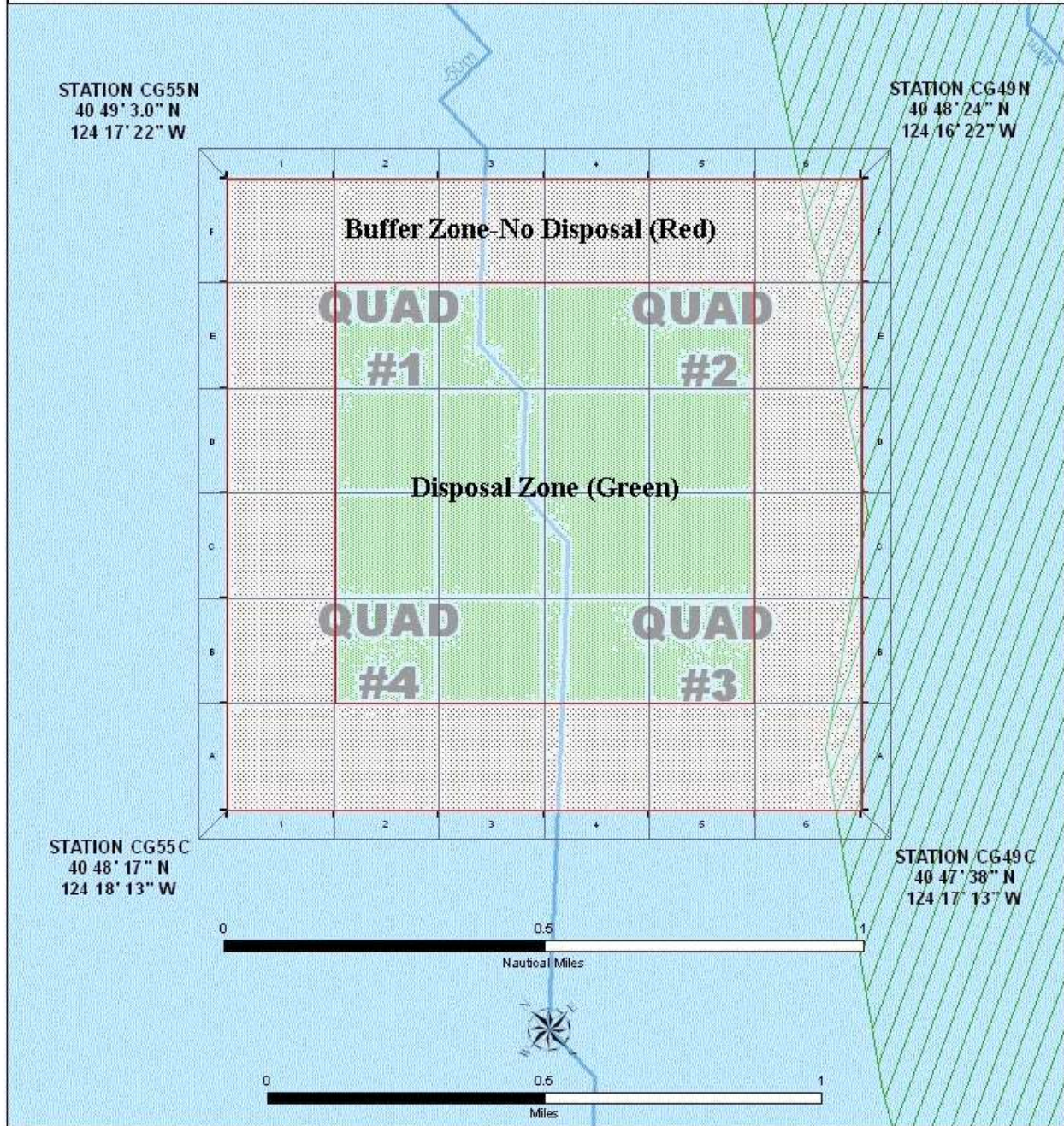
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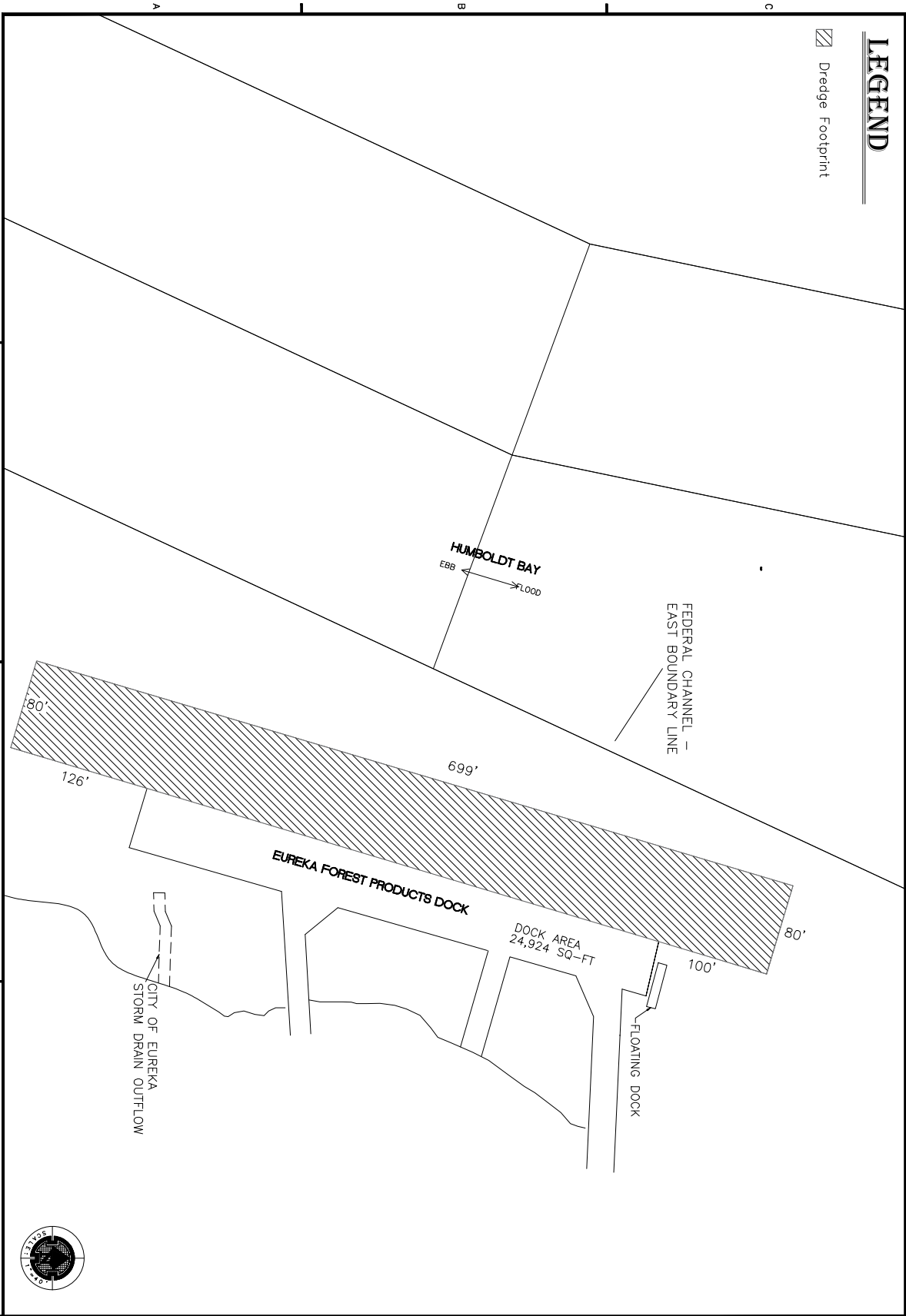


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 Eureka, California

HOODS - Quadrants
 Figure 5



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LEGEND

Dredge Footprint



Figure 6
 Dock Number
 900

SIERRA PACIFIC DOCK
 EUREKA FOREST PRODUCTS
 1206 WEST 14TH STREET
 EUREKA, CA 95501

DREDGE FOOTPRINT



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