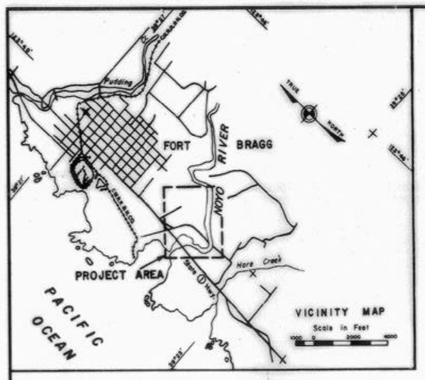
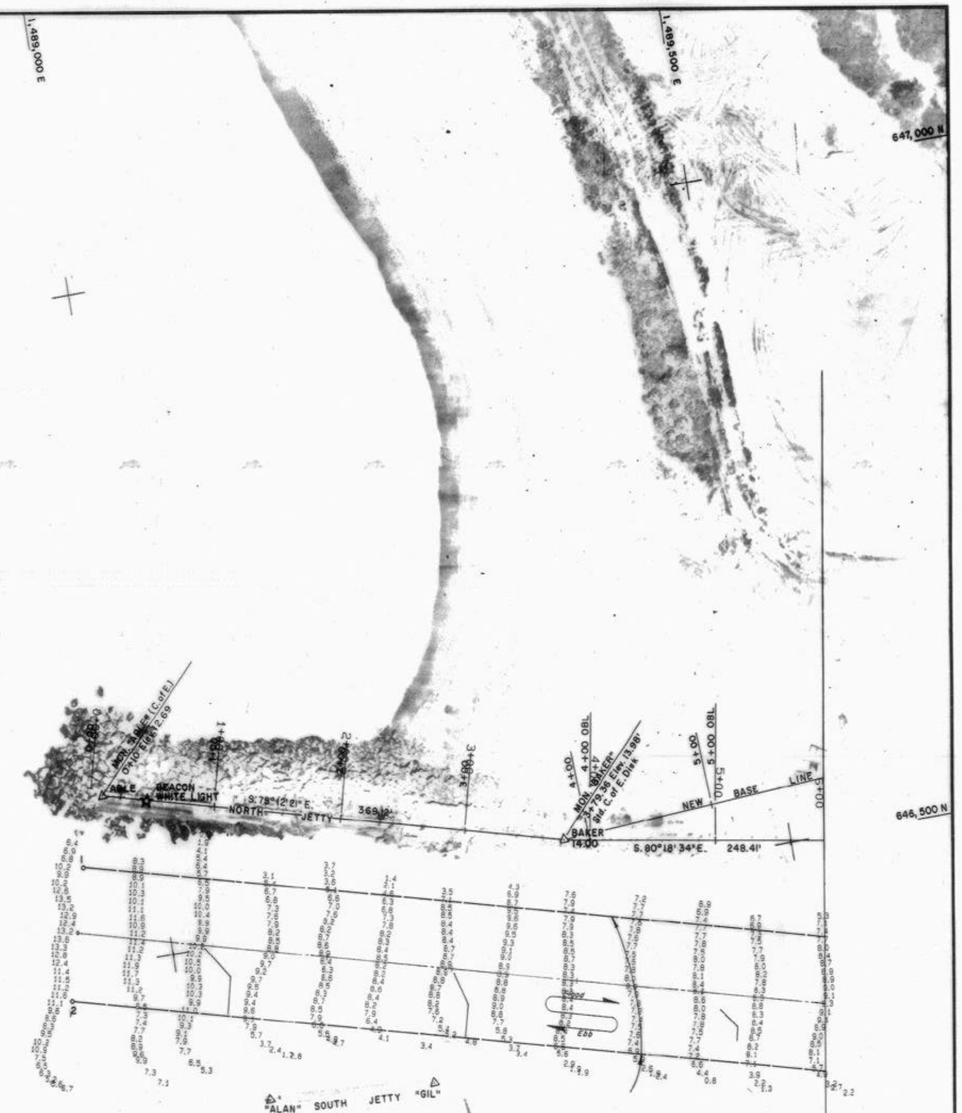
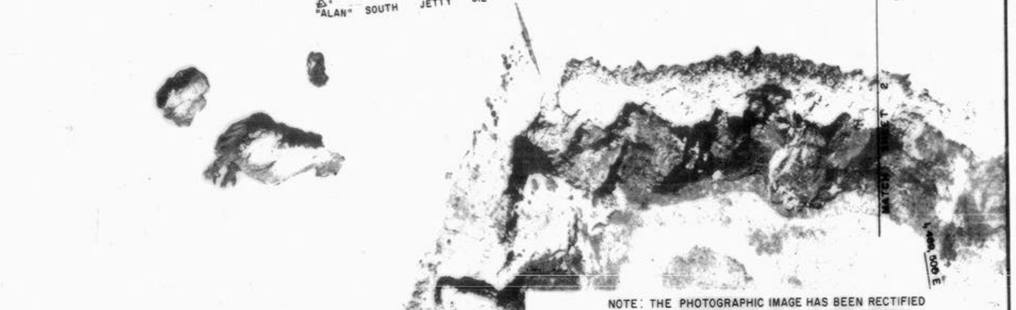






NOTE: THE PHOTOGRAPHIC IMAGE HAS BEEN RECTIFIED AT THE SHORELINE AND IMAGE DISPLACEMENT MAY OCCUR ABOVE THIS ELEVATION.

646,500 N

1,489,000 E

NOTES:

SURVEYED BY THE CORPS OF ENGINEERS **(SACRAMENTO DISTRICT)**

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND TENTH OF A FOOT.

SOUNDINGS ARE BASED ON TIDE GAGE REFERENCED TO C. OF E. MON. "BAKER" A STANDARD BRASS DISK LOCATED ON THE NORTH JETTY AT STA 3+79.36 OF TRAVERSE LINE, ELEV. 13.98'. THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY AS REVISED ON 2 FEB 1965.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, ZONE II, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 253, PUBLISHED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL OCEAN SURVEY (FORMERLY U.S.C. & G.S.)

PROJECT DEPTH IS 10 FEET

TIES AND COORDINATES TO CHANNEL ANGLE POINTS

∠ NO.	LAMBERT COORDINATES X	LAMBERT COORDINATES Y	∠ NO.	LAMBERT COORDINATES X	LAMBERT COORDINATES Y
ABLE	1,488,964.91	646,626.86	27	1,490,516.44	645,256.49
1	1,488,941.23	646,577.12	28	1,490,311.97	645,371.72
2	1,488,914.93	646,480.42	29	1,490,562.52	645,166.76
3	1,489,546.62	646,418.39	30	1,490,346.32	645,277.59
4	1,489,537.64	646,317.29	31	1,490,616.88	645,083.09
5	1,490,138.81	646,459.52	32	1,490,391.85	645,188.22
6	1,490,050.00	646,352.71	33	1,490,679.21	645,004.78
7	1,490,237.12	646,445.25	34	1,490,449.51	645,106.31
8	1,490,134.40	646,344.06	35	1,490,717.04	644,971.41
9	1,490,324.40	646,396.78	36	1,490,511.00	645,027.96
10	1,490,195.71	646,319.85	37	1,490,761.89	644,949.96
11	1,490,392.07	646,323.18	38	1,490,578.62	644,954.46
12	1,490,239.52	646,287.58	39	1,490,810.05	644,936.71
13	1,490,441.93	646,236.32	40	1,490,652.49	644,886.82
14	1,490,276.69	646,239.19	41	1,490,874.26	644,929.63
15	1,490,470.50	646,139.63	42	1,490,737.03	644,833.45
16	1,490,304.64	646,117.97	43	1,490,974.59	644,981.02
17	1,490,482.61	646,040.24	44	1,490,831.14	644,800.51
18	1,490,324.10	646,109.44	45	1,491,060.93	645,047.16
19	1,490,471.03	645,891.15	46	1,490,891.36	644,798.83
20	1,490,333.58	646,033.50	47	1,491,132.37	644,666.19
21	1,490,426.87	645,578.27	48	1,490,959.55	644,826.50
22	1,490,322.23	645,904.44	50	1,491,026.70	644,872.90
23	1,490,444.44	645,444.26	52	1,491,095.91	644,941.90
24	1,490,282.96	645,569.69	54	1,491,148.76	645,009.63
25	1,490,474.66	645,348.37	56	1,491,211.29	645,119.93
26	1,490,289.68	645,469.40			

CONTROL TRAVERSE

MON. OR ∠	LAMBERT COORDINATES X	LAMBERT COORDINATES Y	BEARING	DISTANCE	SET
MON "ABLE" 0+10	1,488,964.91	646,626.86	S75°12'21"E.	369.12'	C.of E. Disk
MON. "BAKER" 3+79.36	1,489,321.79	646,532.61	S.80°18'34"E.	248.41'	C.of E. Disk
6+27.48	1,489,566.66	646,490.80	N83°03'07"E.	788.50'	1¼" I.P.
∠1+14+15.67	1,490,349.37	646,586.18	S28°37'14"E.	338.46'	Nail
∠2+17+54.03	1,490,511.49	646,289.07	S13°06'45"E.	214.86'	Spike
∠3+19+68.84	1,490,560.24	646,079.82	S32°29'40"E.	77.94'	Spike
∠4+20+46.76	1,490,602.11	646,014.08	S 2°32'32"E.	93.12'	Nail
∠5+21+39.87	1,490,606.24	645,921.05	S15°38'56"E.	117.24'	Nail & 4X4 Post
∠6+22+57.09	1,490,637.86	645,808.15	S57°27'00"E.	143.93'	Boat Spike
∠7+24+00.86	1,490,759.19	645,730.72	S19°23'49"W.	208.77'	" "
∠8+26+09.74	1,490,689.85	645,533.80	S11°10'48"E	466.37'	" "
∠9+30+76.02	1,490,780.27	645,076.28	N85°54'47"E	273.96'	" "
∠1033+49.87	1,491,053.54	645,095.81	N36°26'36"E.	61.26'	C.of E. Disk
∠12+34+11.13	1,491,089.93	645,145.07	S11°45'29"E.	219.16'	2"x2" Hub
∠12.5	1,491,134.59	644,930.53	S43°02'27"E.	195.44'	3/4" Rebar
∠11.5	1,491,267.99	644,787.68	S61°55'48"E.	337.43'	CHIS X
∠10.5	1,491,565.73	644,628.91	N45°39'34"W.	526.51'	2X2 H.B.T.
∠11	1,491,189.17	644,996.90	S48°23'29"E	144.16'	Spike in Conc.
∠A-1	1,491,296.96	644,901.17	S31°31'59"E.	282.32'	Boat Spike-new pier
∠B	1,491,149.31	644,660.54	N88°56'30"W.	315.82'	" " " "
∠E	1,490,833.54	644,666.19	N07°24'07"W.	103.47'	" " " "
P.O.L. F	1,490,820.27	644,768.41	N07°24'07"W	310.46'	" " " "
∠9	1,490,780.27	645,076.28			

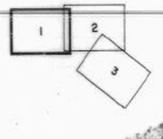
Revised 1972

GRAPHIC SCALE

0 50' 100' 150' 200' 250'

NOTES:

SHEET INDEX



SYMBOL	DESCRIPTION	DATE	APPROVAL
	REVISIONS		

U. S. ARMY ENGINEER DISTRICT, SAN FRANCISCO
CORPS OF ENGINEERS
SAN FRANCISCO, CALIFORNIA

DRAWN BY:
TRACED BY:
CHECKED BY: TWO
SUBMITTED:

MENDOCINO COUNTY CALIFORNIA

NOYO RIVER

CONDITION SURVEY

30-31 JANUARY & 6-7 FEBRUARY 2002

APPROVAL RECOMMENDED: CHIEF, DESIGN BRANCH

APPROVED: CHIEF, ENGINEERING & TECHNICAL SERVICES DIVISION

DATE: 2-26-02

PREPARED UNDER THE DIRECTION OF
TIMOTHY S. O'ROURKE
LT. COLONEL, C.E., DISTRICT ENGINEER

SCALE: 1" = 50'

JOB No.

DRAWING NUMBER

SHEET 1 of 5 | 12 | 2 | 137

5466-1