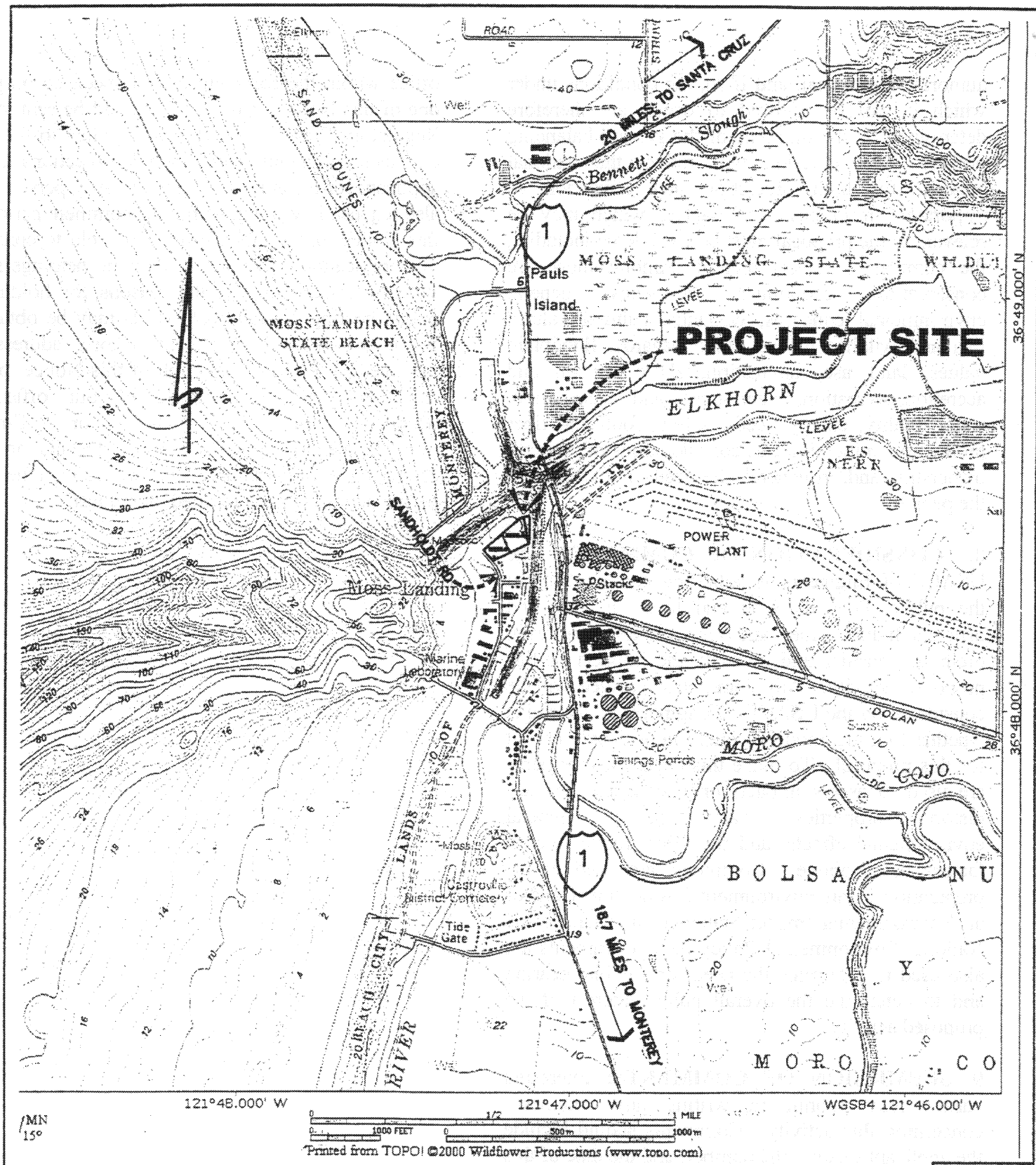
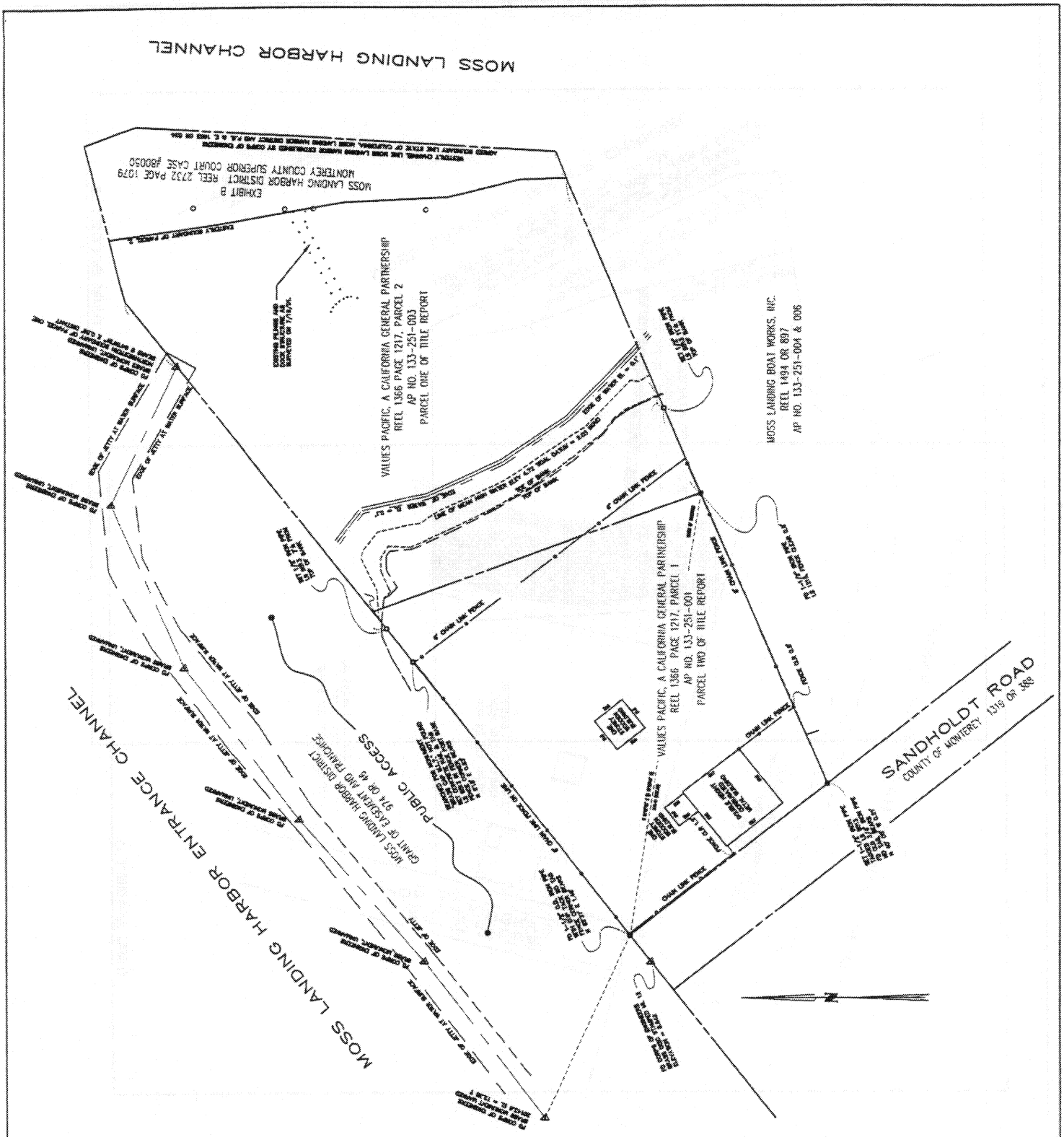


VICINITY MAP

SCALE: 1"=2000'

SHEET 1 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"= 2000'	JOB NO. 21247-3
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORP
	DRAWN DMR/BCS	FILE NO. 21247

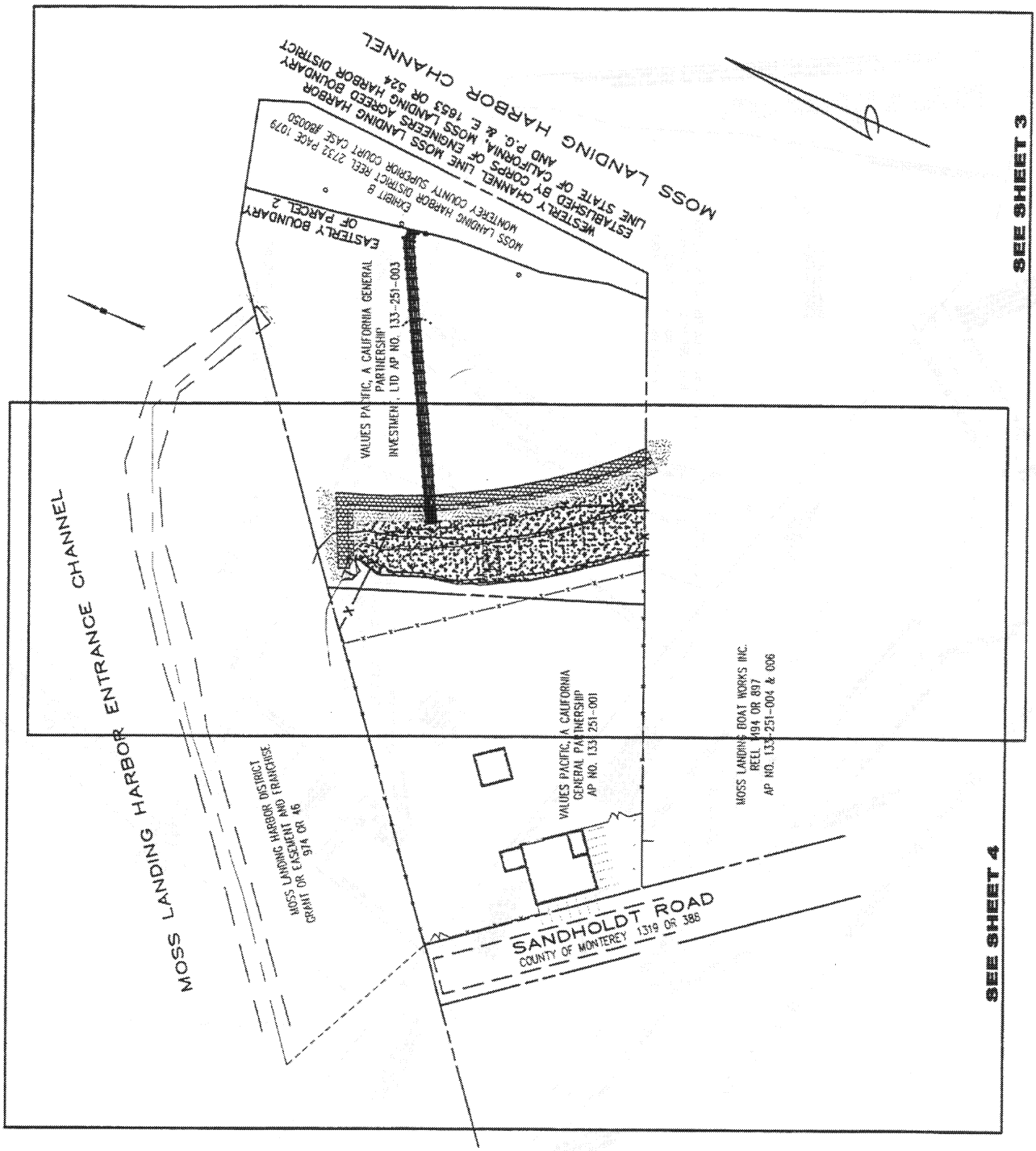


SITE MAP

SCALE: 1"=100'

SHEET 2 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE N.T.S.	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME 21247CVR-1
	DRAWN BCS	FILE NO. 21247

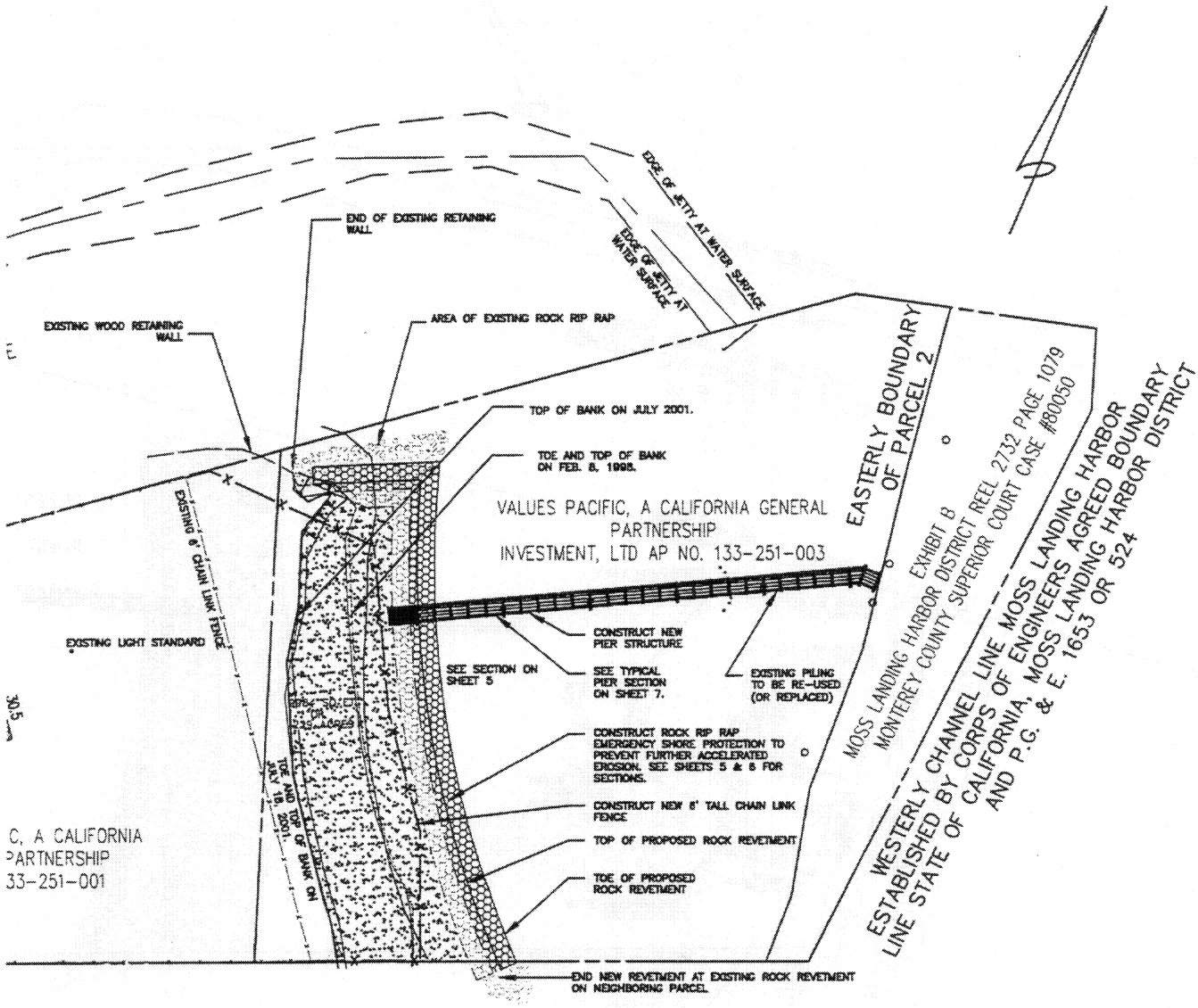


DRAWING KEYPLAN

SCALE: 1"=150'

SHEET 3 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"= 150'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORP
	DRAWN DMR/BCS	FILE NO. 21247



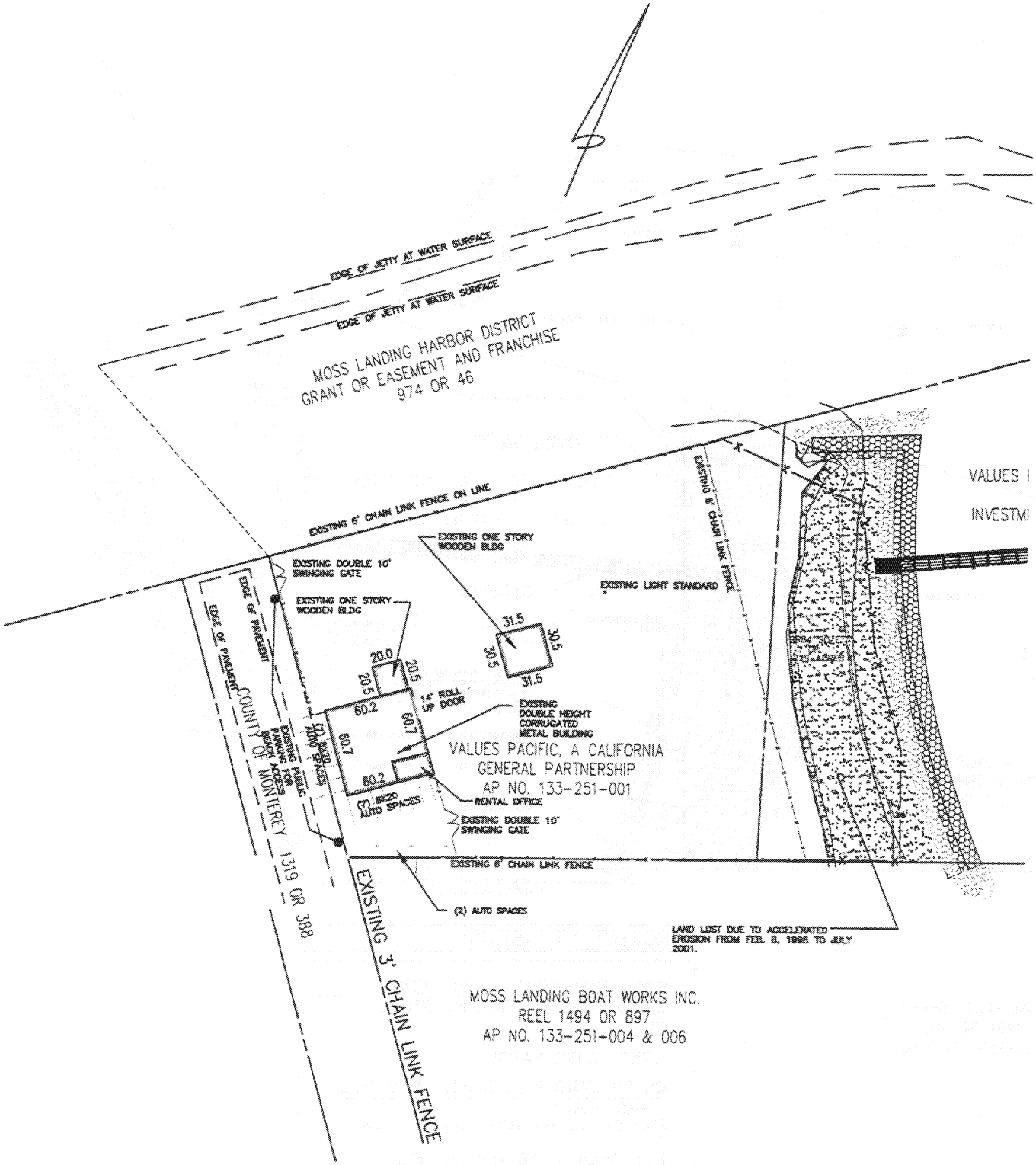
PROJECT STATISTICS:
ROCK REVETMENT BANK REPAIR:
2,480 TONS OF QUARRY STONE (340 LF)
1,750 CUBIC YARDS
CLEAN SAND FILL BEHIND REVETMENT:
5,880 YARDS (OR CLEAN HARBOR DREDGE SANDS)
FILL AREA = 16,869 SQ. FEET

PLAN VIEW: PIER STRUCTURE & BANK REPAIR

SCALE: 1"=100'

SHEET 4 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"=100'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN BCS	FILE NO. 21247

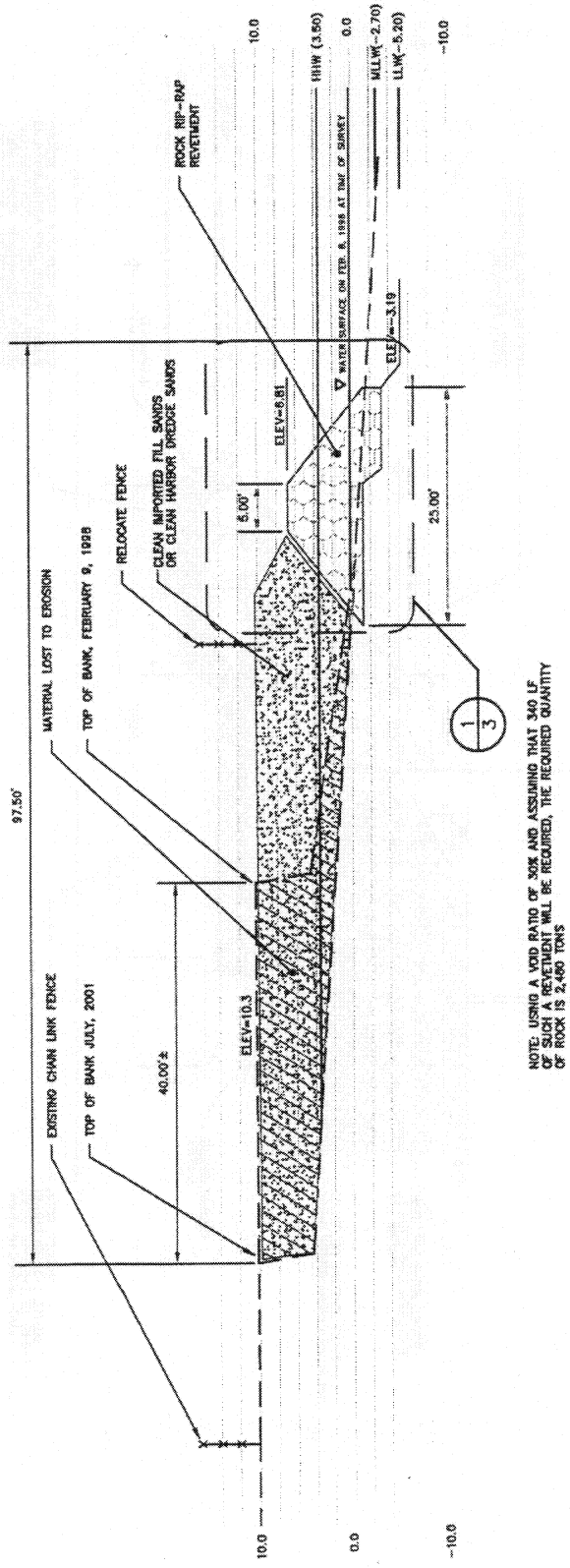


PLAN VIEW: EXISTING SITE

SCALE: 1"=100'

SHEET 5 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"=100'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN DMR/BCS	FILE NO. 21247

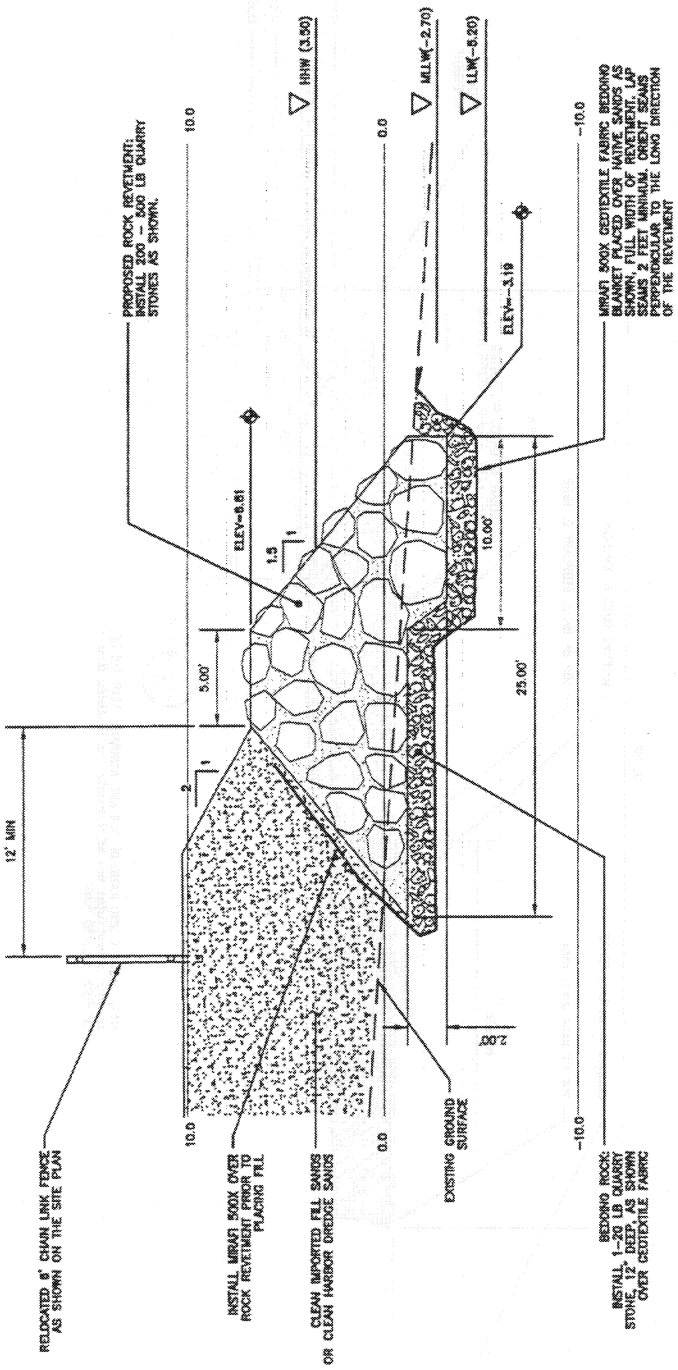


REVETMENT AND FILL SECTION

SCALE: 1"=20'

SHEET 6 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"=20'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN BCS	FILE NO. 21247



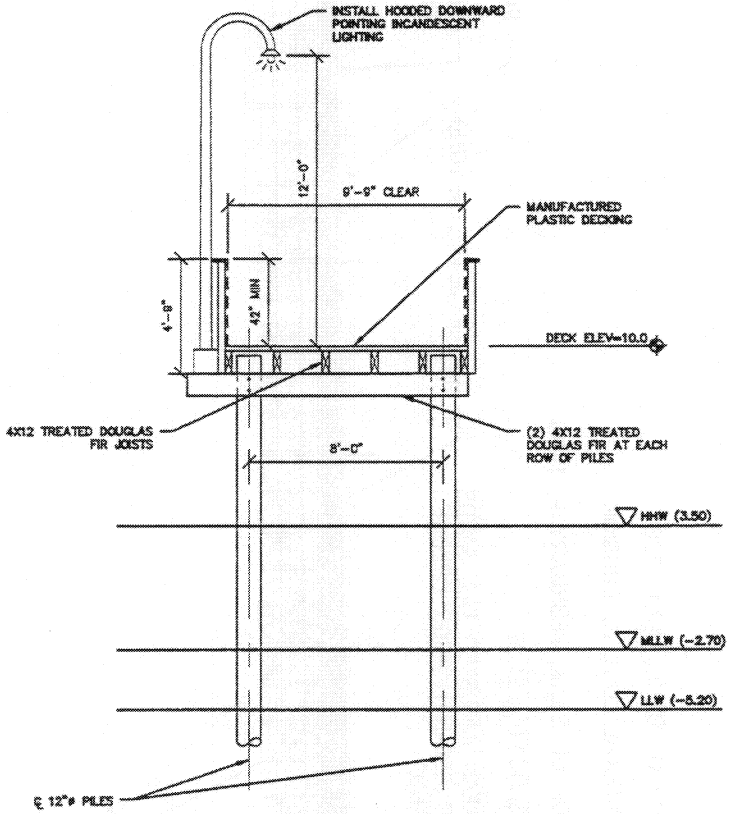
TYPICAL REVETMENT SECTION

SCALE: 1"=10'

SCALE: 1"=20'

SHEET 7 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"=10'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN BCS	FILE NO. 21247

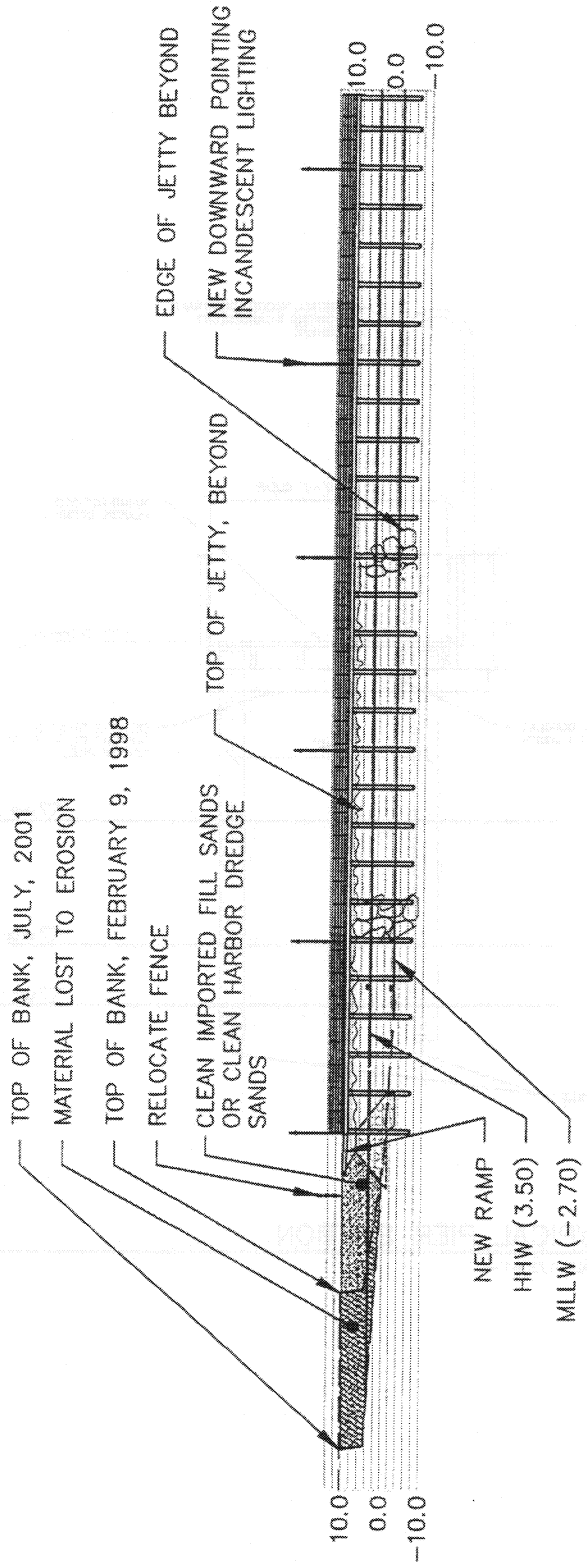


TYPICAL PIER SECTION

SCALE: 1/8"=1'-0"

SHEET 8 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1/8"=1'-0"	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN DMR/BCS	FILE NO. 21247

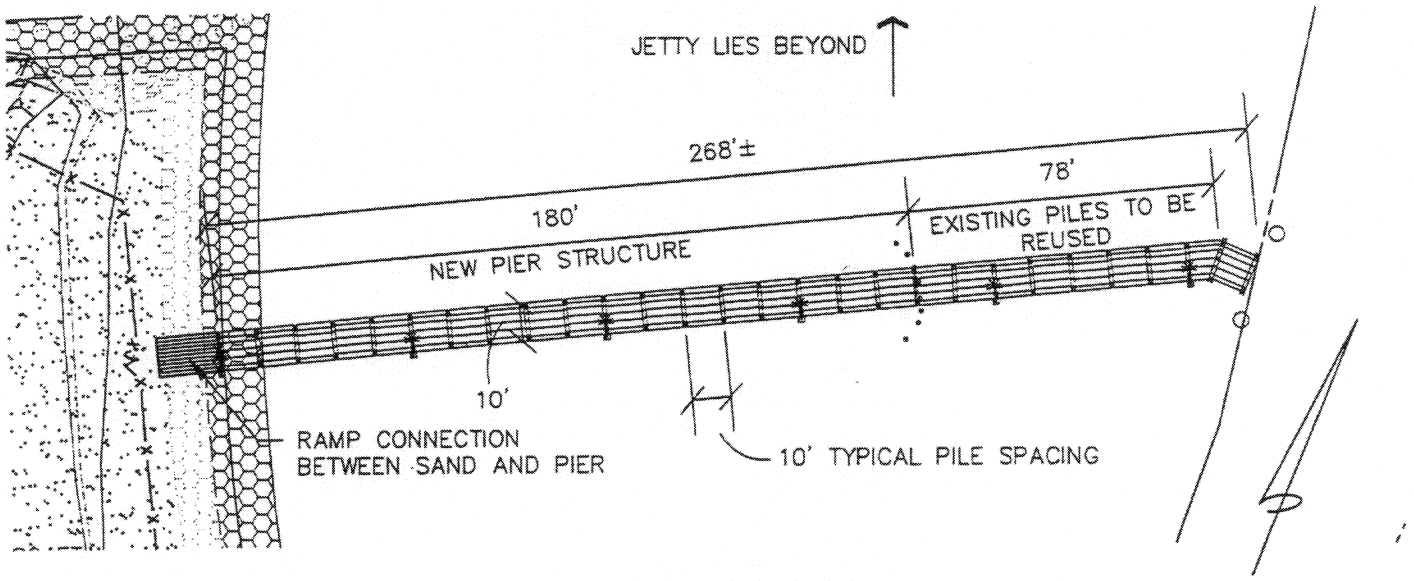


PIER ELEVATION (AS VIEWED LOOKING NORTH)

SCALE: 1"=50'

SHEET 9 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"=50'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN BCS	FILE NO. 21247



PLAN VIEW: RESURRECTED PIER STRUCTURE

SCALE: 1"=50'

LEGEND

- EXISTING PILING TO BE RE-USED (OR REPLACED)
- NEW PILING

PROJECT STATISTICS

PILING MATERIAL

EITHER HIGH DENSITY PLASTIC, STEEL, OR PRECAST CONCRETE DRIVEN PILES

PIER STRUCTURE

2666 SQUARE FEET

DECKING MATERIAL

TREX OR EQUIVALENT PLASTIC DECKING
DECK FRAMING: PRESERVATIVE TREATED DOUGLAS FIR

ESTIMATED NUMBER OF PILINGS = 60

SHEET 10 OF 10

BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS 1011 CEDAR STREET SANTA CRUZ CA 426-3560	SCALE 1"=50'	JOB NO. 21247
	DATE SEPTEMBER 18, 2001	DWG NAME ARMYCORPS
	DRAWN DMR/BCS	FILE NO. 21247