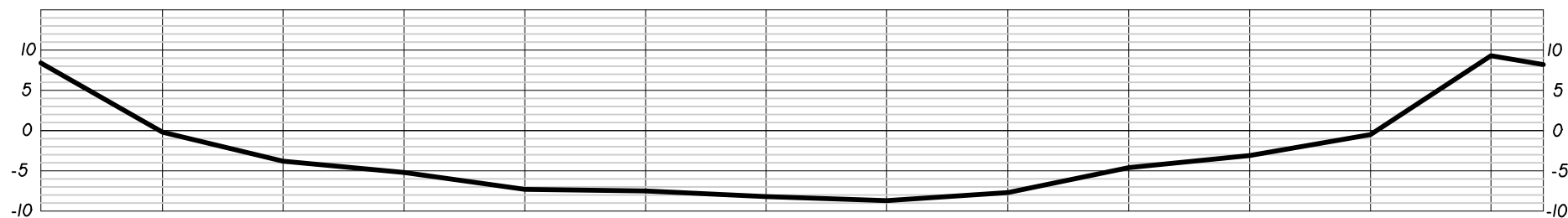


Appendix J
Ocean Inlet Land Elevation Surveys

Appendix J-1
Agua Hedionda Lagoon
Ocean Inlet Land Elevation Surveys



AGUA HEDIONDA WESTERN SECTION

JANUARY, 2008



Merkel & Associates, Inc.

**5434 Ruffin Road
San Diego, California 92123**

T: 858/560-5465

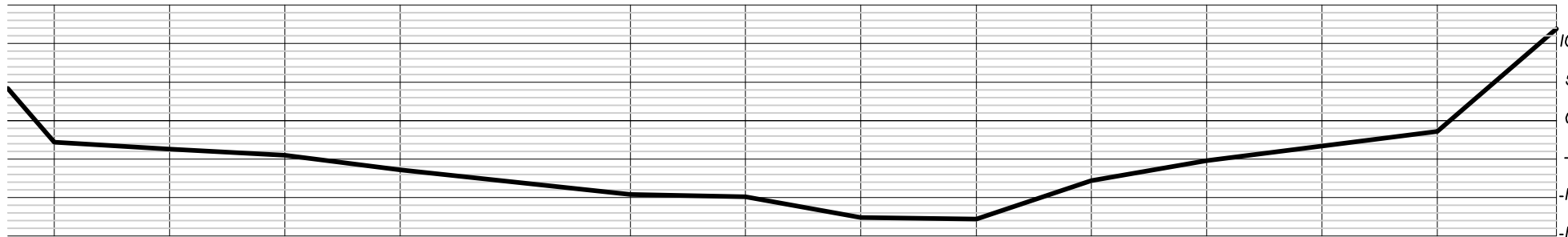
F: 858/560-7779

20 10 0 20 40



GRAPHIC SCALE 1" = 20'

VERTICAL DATUM: NAVD88



AGUA HEDIONDA EASTERN SECTION

JANUARY, 2008



Merkel & Associates, Inc.

**5434 Ruffin Road
San Diego, California 92123**

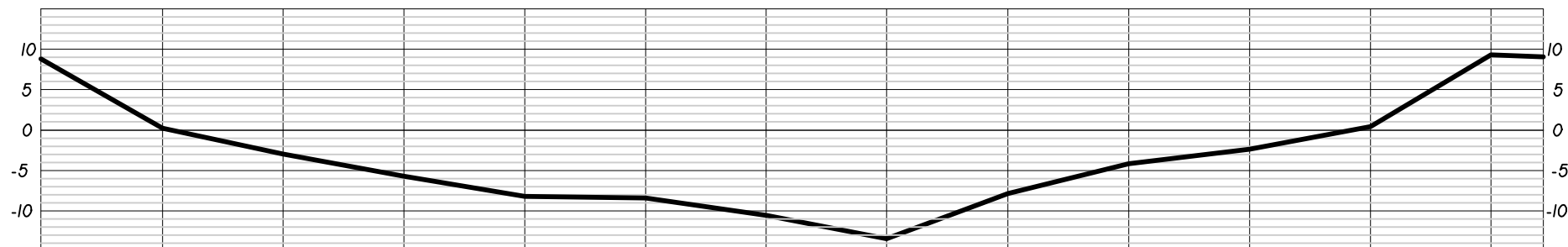
T: 858/560-5465

F: 858/560-7779



GRAPHIC SCALE 1" = 20'

VERTICAL DATUM: NAVD88



AGUA HEDIONDA WESTERN SECTION

MARCH, 2008



Merkel & Associates, Inc.

5434 Ruffin Road
San Diego, California 92123

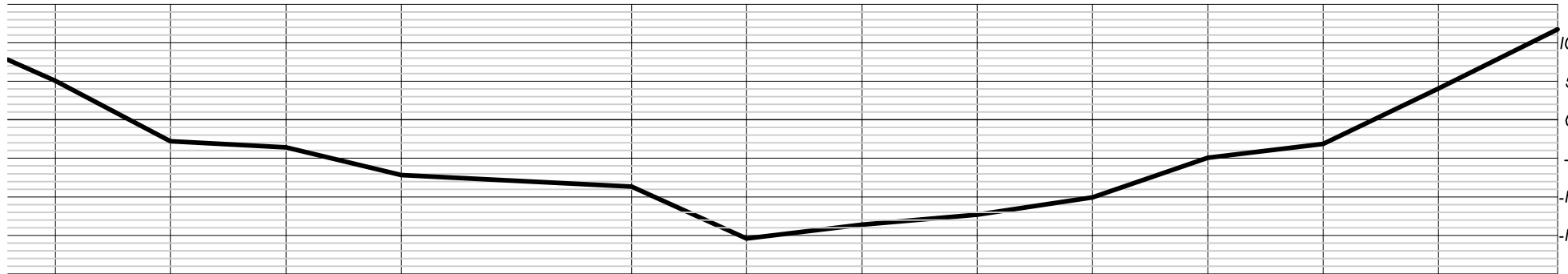
T: 858/560-5465

F: 858/560-7779



GRAPHIC SCALE 1" = 20'

VERTICAL DATUM: NAVD88

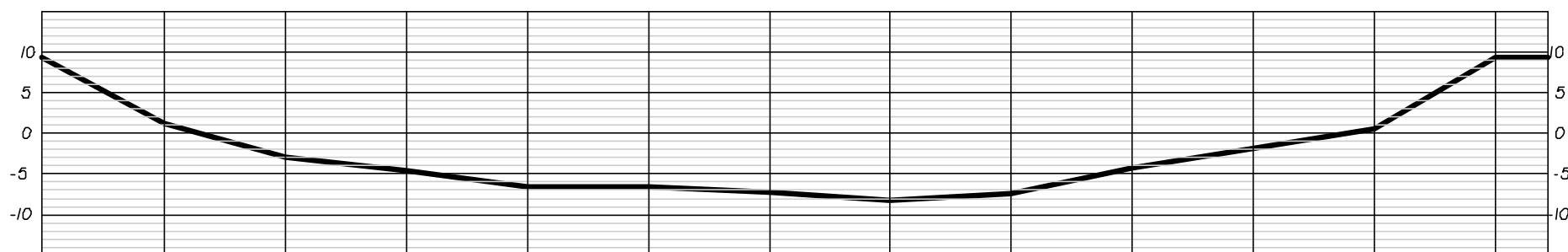


AGUA HEDIONDA
EASTERN SECTION
MARCH, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779



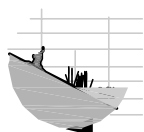


AGUA HEDIONDA WESTERN SECTION

JULY, 2008



BENCHMARK:
OBJECT ID: 22226, POST ID: MBINGE
2.5" DISK MARKED LS 6215.
NAD 83: N1998491.11, E6226887.84
ELEVATION: 26.70
VERTICAL DATUM NAVD 88



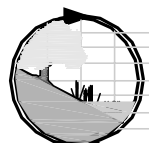
Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

Merkel & Associates, Inc.



AGUA HEDIONDA EASTERN SECTION

JULY, 2008



Merkel & Associates, Inc.

5434 Ruffin Road
San Diego, California 92123

T: 858/560-5465

F: 858/560-7779

BENCHMARK:

OBJECT ID: 22226, POST ID: MBINGE

2.5" DISK MARKED LS 6215.

NAD 83: N1998491.11, E6226887.84

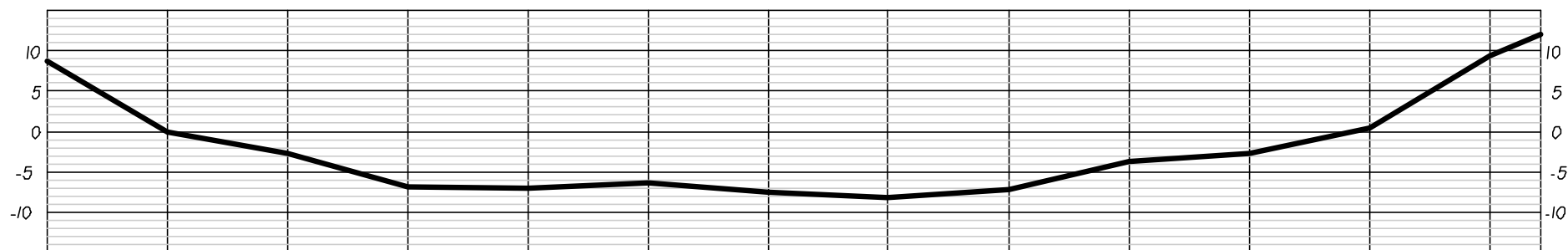
ELEVATION: 26.70

VERTICAL DATUM NAVD 88

20 10 0 20 40



GRAPHIC SCALE 1" = 20'



AGUA HEDIONDA WESTERN SECTION

SEPTEMBER, 2008



Merkel & Associates, Inc.

5434 Ruffin Road
San Diego, California 92123

T: 858/560-5465

F: 858/560-7779

BENCHMARK:

OBJECT ID: 22226, POST ID: MBINGE

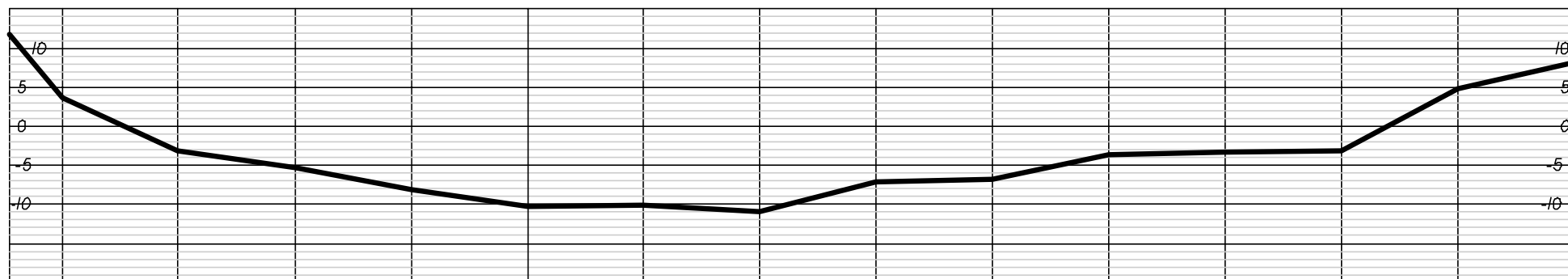
2.5" DISK MARKED LS 6215.

NAD 83: N1998491.11, E6226887.84

ELEVATION: 26.70

VERTICAL DATUM NAVD 88





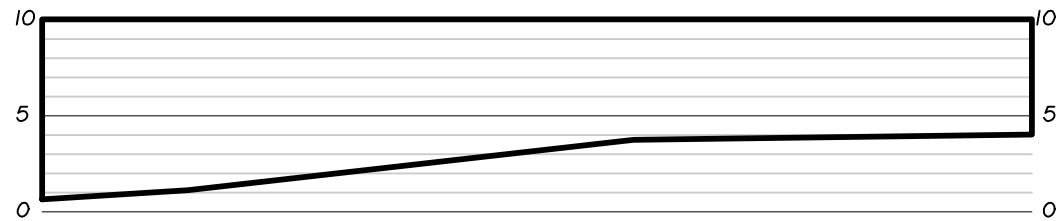
SEPTEMBER, 2008



5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

BENCHMARK:
OBJECT ID: 22226, POST ID: MBINGE
2.5" DISK MARKED LS 6215.
NAD 83: N1998491.11, E6226887.84
ELEVATION: 26.70
VERTICAL DATUM NAVD 88

Appendix J-2
Loma Alta Slough
Ocean Inlet Land Elevation Surveys

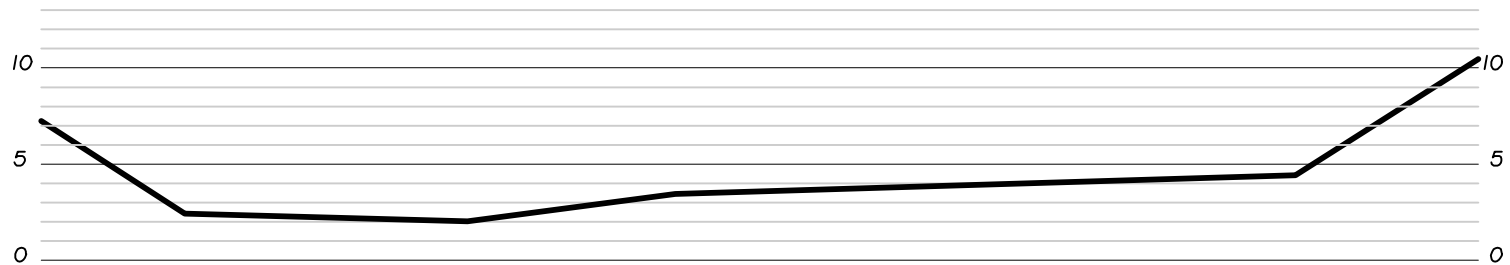


LOMA ALTA CREEK
SECTION A-A
JANUARY, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

10 5 0 10 20
GRAPHIC SCALE 1" = 20'
VERTICAL DATUM: NAVD88

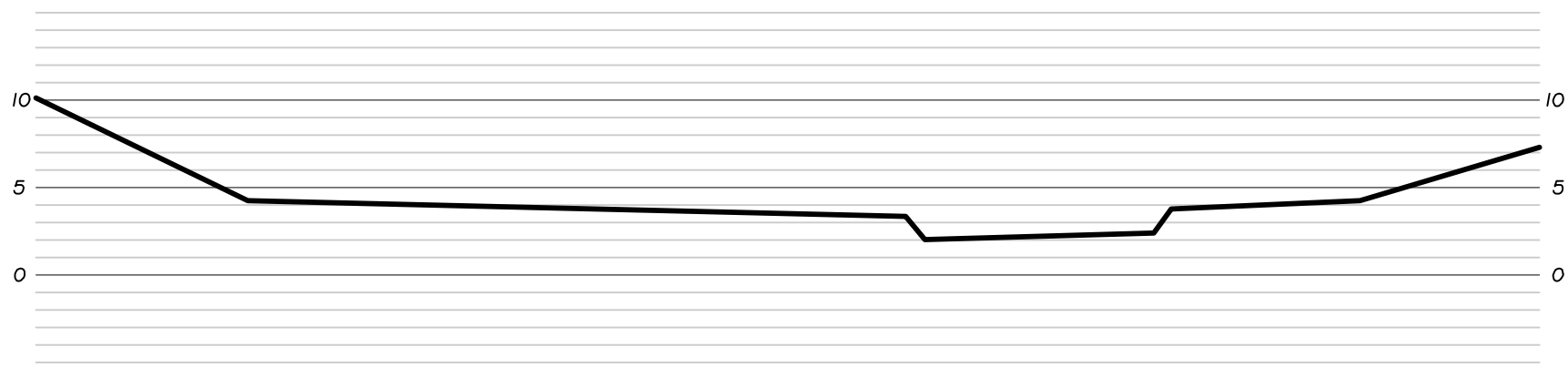


LOMA ALTA CREEK
SECTION B-B
JANUARY, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

10 5 0 10 20
GRAPHIC SCALE 1" = 20'
VERTICAL DATUM: NAVD88

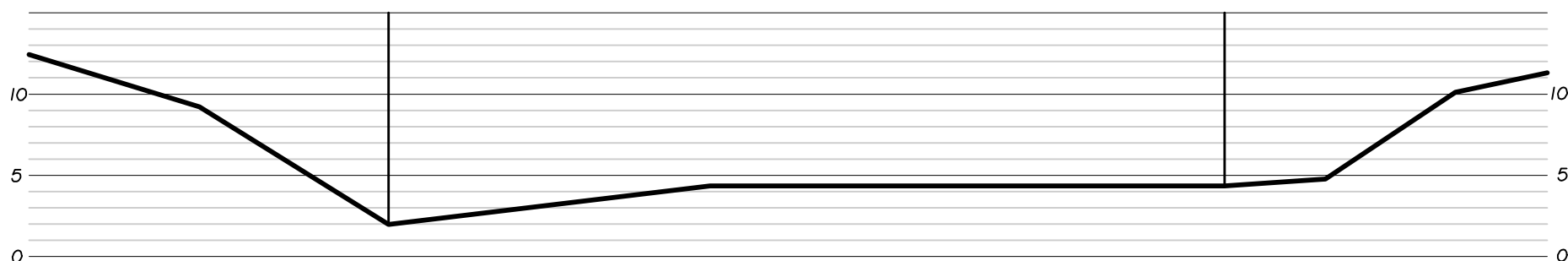


LOMA ALTA CREEK
SECTION C-C
JANUARY, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779



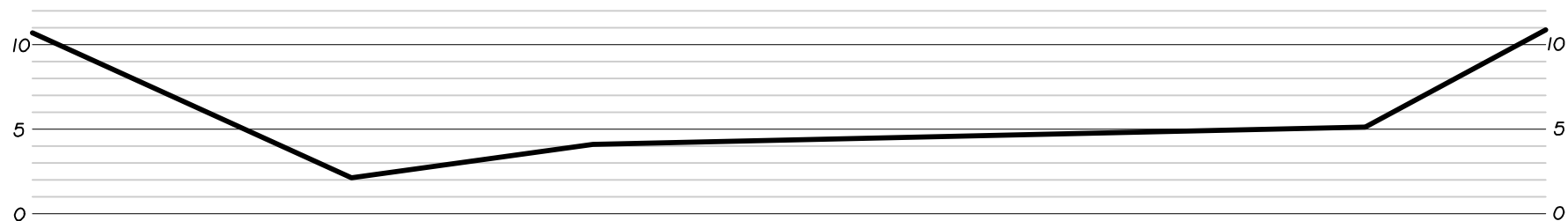


LOMA ALTA CREEK
SECTION A-A
MARCH, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

10 5 0 10 20
GRAPHIC SCALE 1" = 10'
VERTICAL DATUM: NAVD88

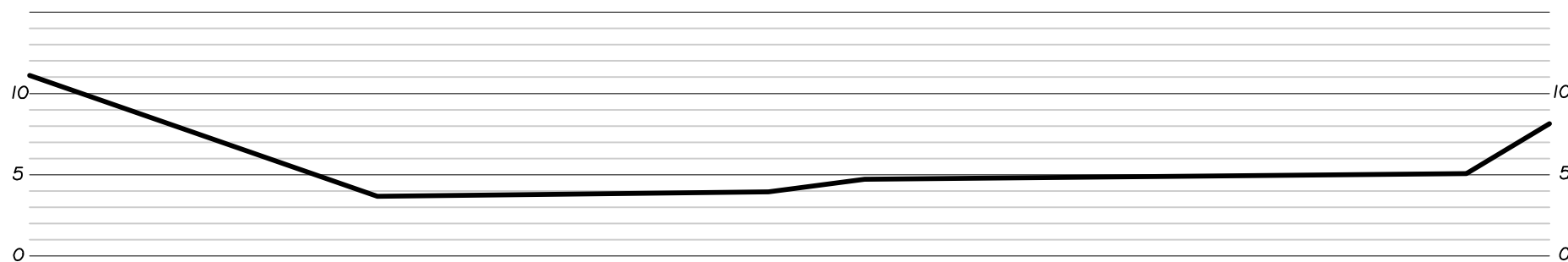


LOMA ALTA CREEK
SECTION B-B
MARCH, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

10 5 0 10 20
GRAPHIC SCALE 1" = 10'
VERTICAL DATUM: NAVD88



LOMA ALTA CREEK
SECTION C-C
MARCH, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

10 5 0 10 20
GRAPHIC SCALE 1" = 10'
VERTICAL DATUM: NAVD88



LOMA ALTA CREEK SECTION D-D

JULY, 2008



Merkel & Associates, Inc.

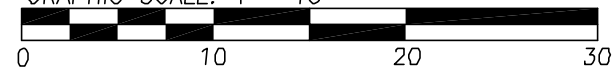
5434 Ruffin Road
San Diego, California 92123

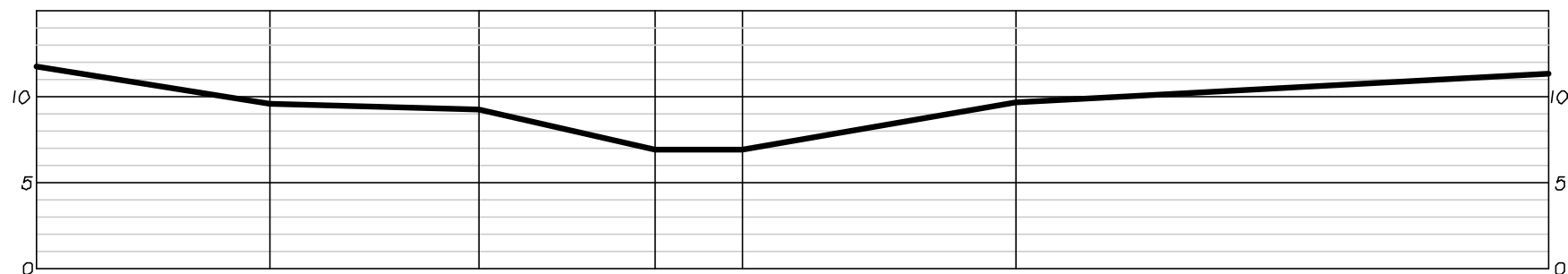
T: 858/560-5465

F: 858/560-7779

BENCHMARK:
2.5" DISK MARKED F-13 CITY OF OCEANSIDE
ELEVATION: 12.185
VERTICAL DATUM NAVD 88

GRAPHIC SCALE: 1" = 10'





LOMA ALTA CREEK SECTION E-E

JULY, 2008



Merkel & Associates, Inc.

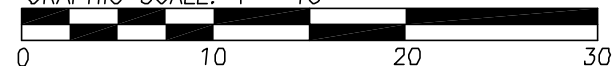
5434 Ruffin Road
San Diego, California 92123

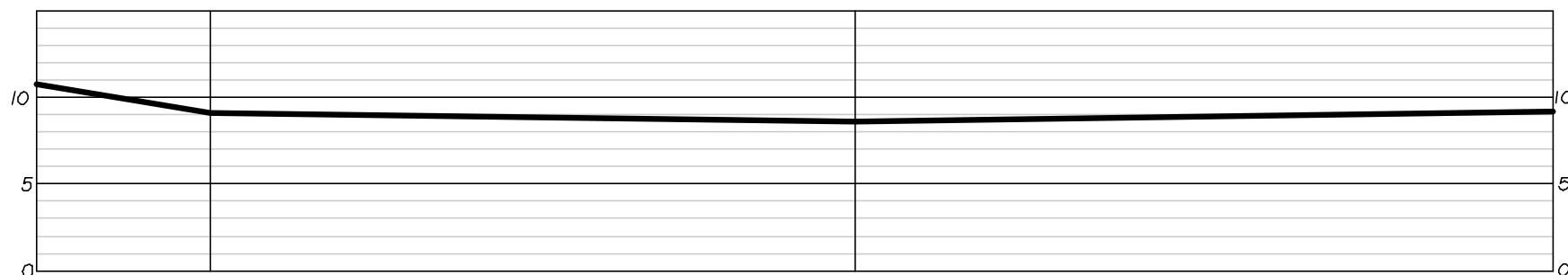
T: 858/560-5465

F: 858/560-7779

BENCHMARK:
2.5" DISK MARKED F-13 CITY OF OCEANSIDE
ELEVATION: 12.185
VERTICAL DATUM NAVD 88

GRAPHIC SCALE: 1" = 10'



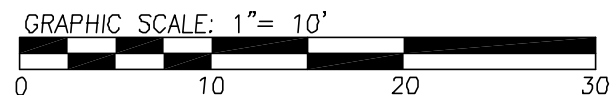


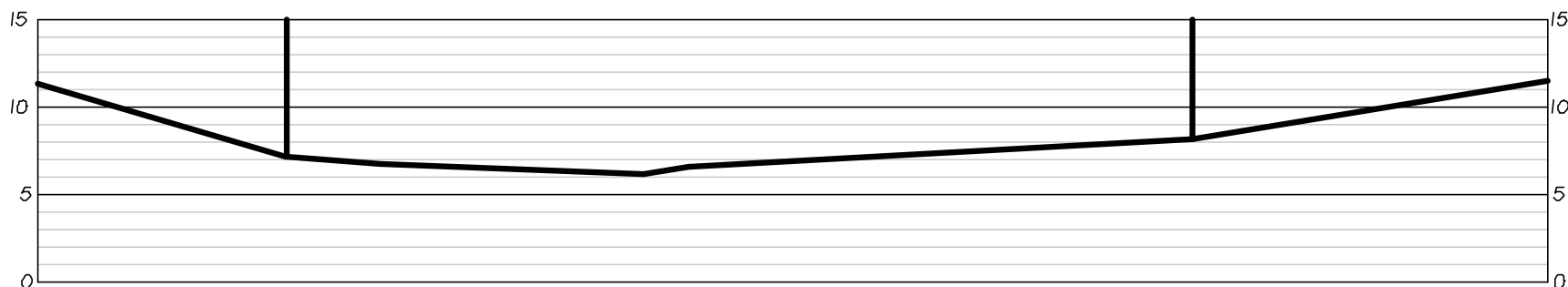
LOMA ALTA CREEK
SECTION F-F
JULY, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

BENCHMARK:
2.5" DISK MARKED F-13 CITY OF OCEANSIDE
ELEVATION: 12.185
VERTICAL DATUM NAVD 88





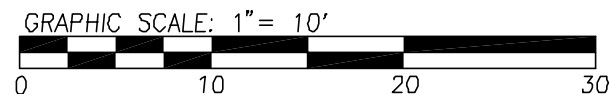
LOMA ALTA CREEK SECTION D-D

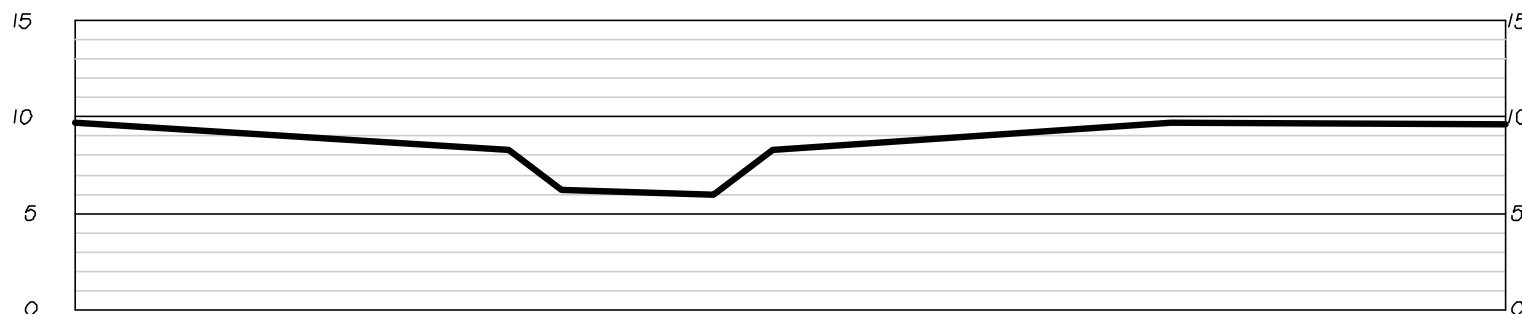
SEPTEMBER, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

BENCHMARK:
2.5" DISK MARKED F-13 CITY OF OCEANSIDE
ELEVATION: 12.185
VERTICAL DATUM NAVD 88



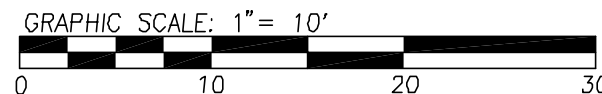


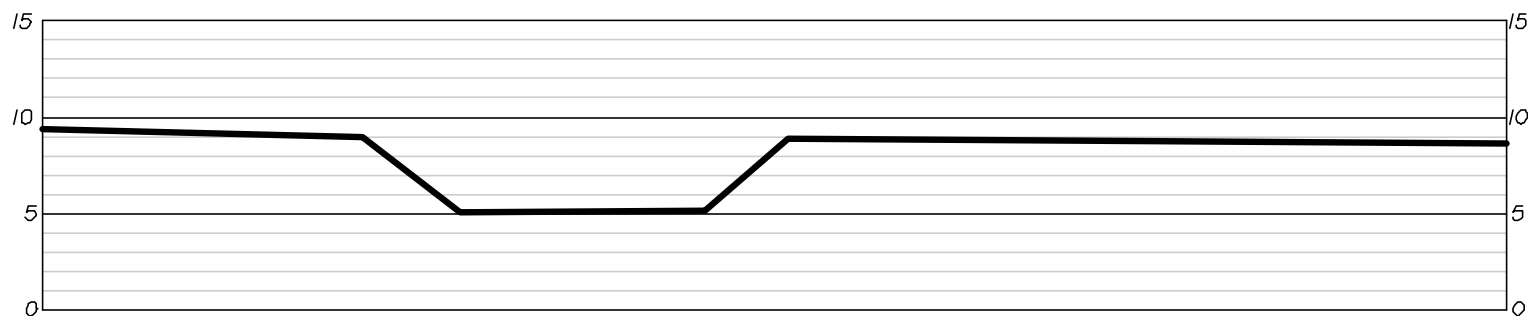
LOMA ALTA CREEK
SECTION E-E
SEPTEMBER, 2008



Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

BENCHMARK:
2.5" DISK MARKED F-13 CITY OF OCEANSIDE
ELEVATION: 12.185
VERTICAL DATUM NAVD 88



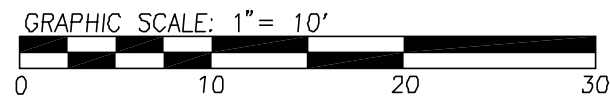


LOMA ALTA CREEK SECTION F-F SEPTEMBER, 2008

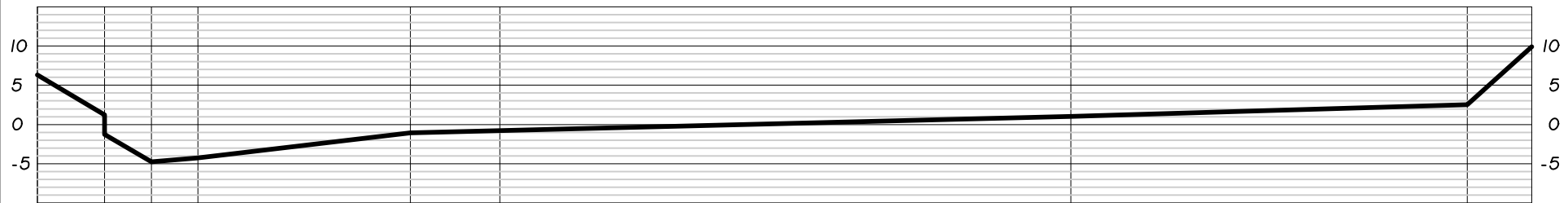


Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779

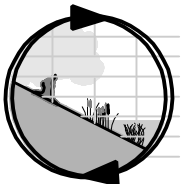
BENCHMARK:
2.5" DISK MARKED F-13 CITY OF OCEANSIDE
ELEVATION: 12.185
VERTICAL DATUM NAVD 88



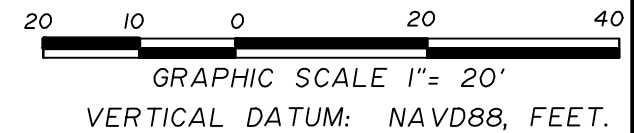
Appendix J-3
San Elijo Lagoon
Ocean Inlet Land Elevation Surveys



SAN ELIJO OUTLET
SECTION A-A
JANUARY, 2008

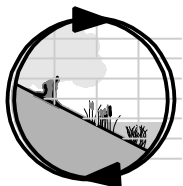


Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779



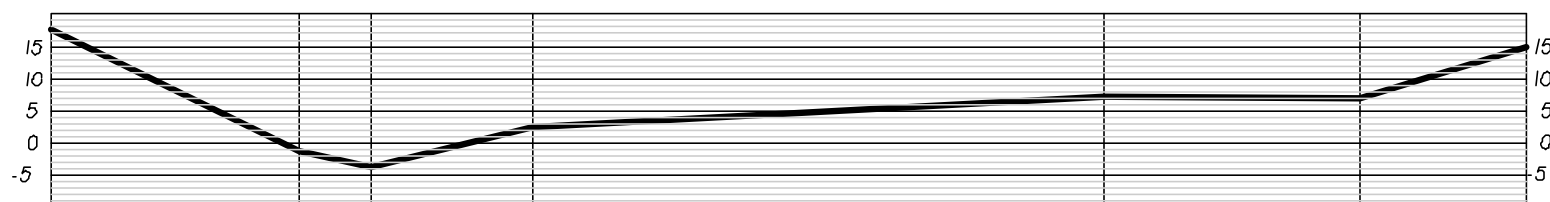


SAN ELIJO OUTLET
SECTION A-A
MARCH, 2008



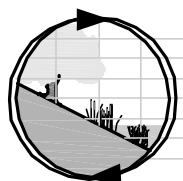
Merkel & Associates, Inc.
5434 Ruffin Road
San Diego, California 92123
T: 858/560-5465
F: 858/560-7779





SAN ELIJO OUTLET SECTION B-B

JULY, 2008



Merkel & Associates, Inc.

5434 Ruffin Road
San Diego, California 92123

T: 858/560-5465

F: 858/560-7779

BENCHMARK:

2.5" SD. CO. DISK STAMPED "OC 136, 1968"

DATUM: CCS 83, 1991.35 EPOCH, U.S. SURVEY FEET

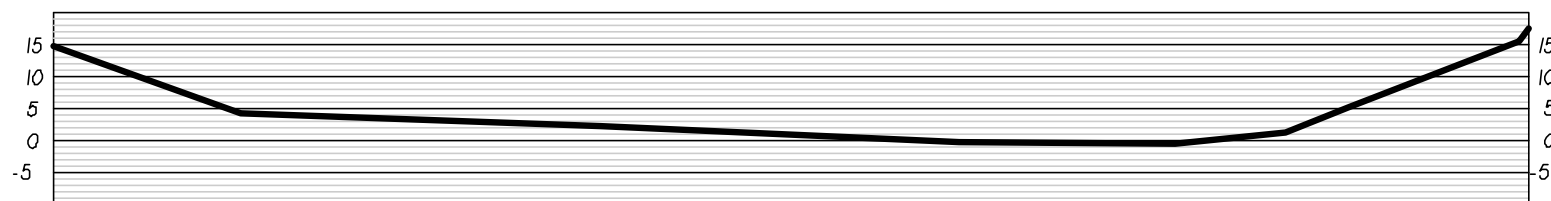
NI951126.311, E6245651.712

ELEVATION: 16.938

VERTICAL DATUM NAVD 88

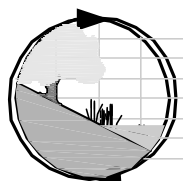
30 15 0 30 60

GRAPHIC SCALE 1"= 30'



SAN ELIJO OUTLET SECTION A-A

SEPTEMBER, 2008



Merkel & Associates, Inc.

5434 Ruffin Road
San Diego, California 92123

T: 858/560-5465

F: 858/560-7779

BENCHMARK:

2.5" SD. CO. DISK STAMPED "OC 136, 1968"

DATUM: CCS 83, 1991.35 EPOCH, U.S. SURVEY FEET

NI951126.311, E6245651.712

ELEVATION: 16.938

VERTICAL DATUM NAVD 88

30 15 0 30 60

GRAPHIC SCALE 1"= 30'