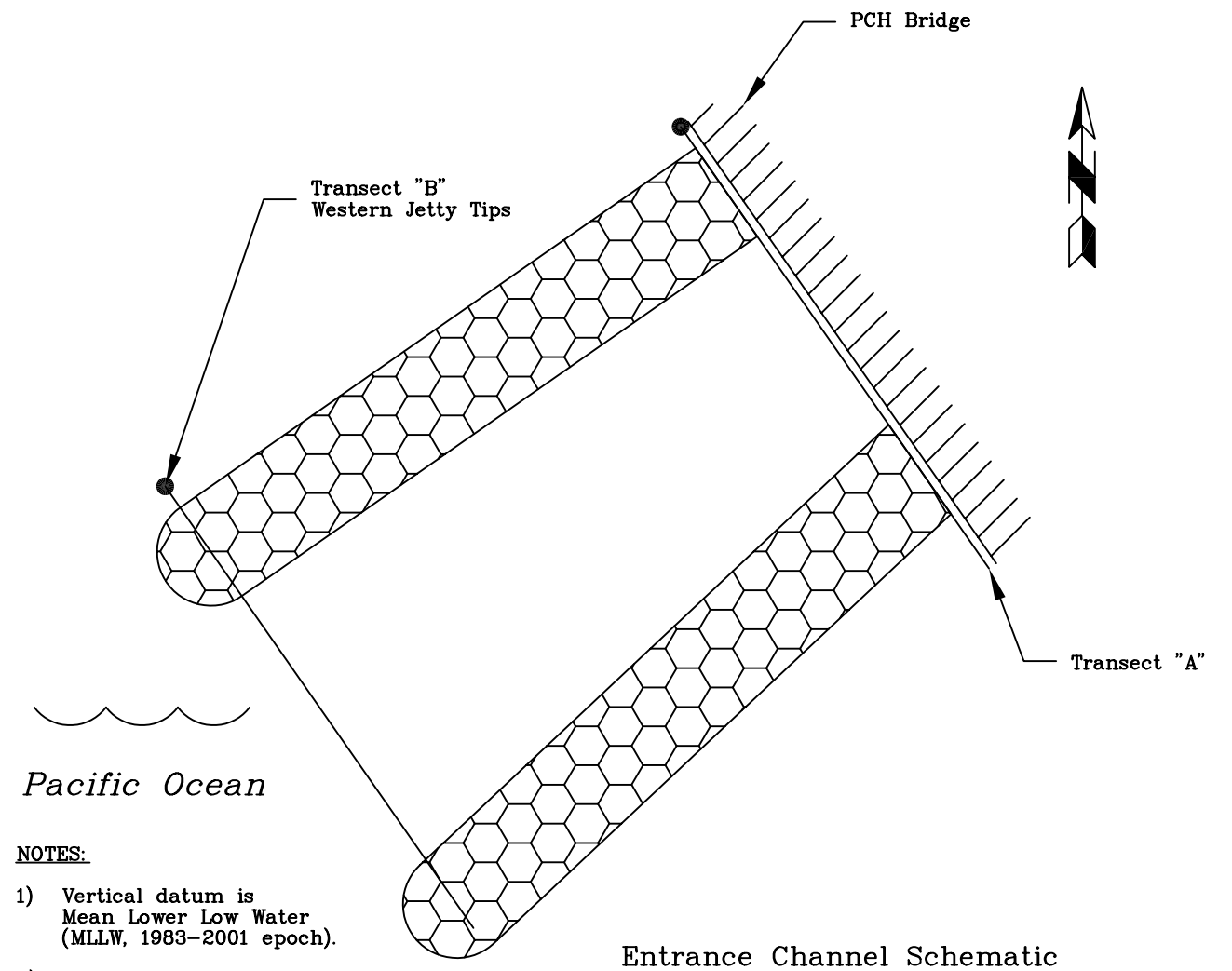
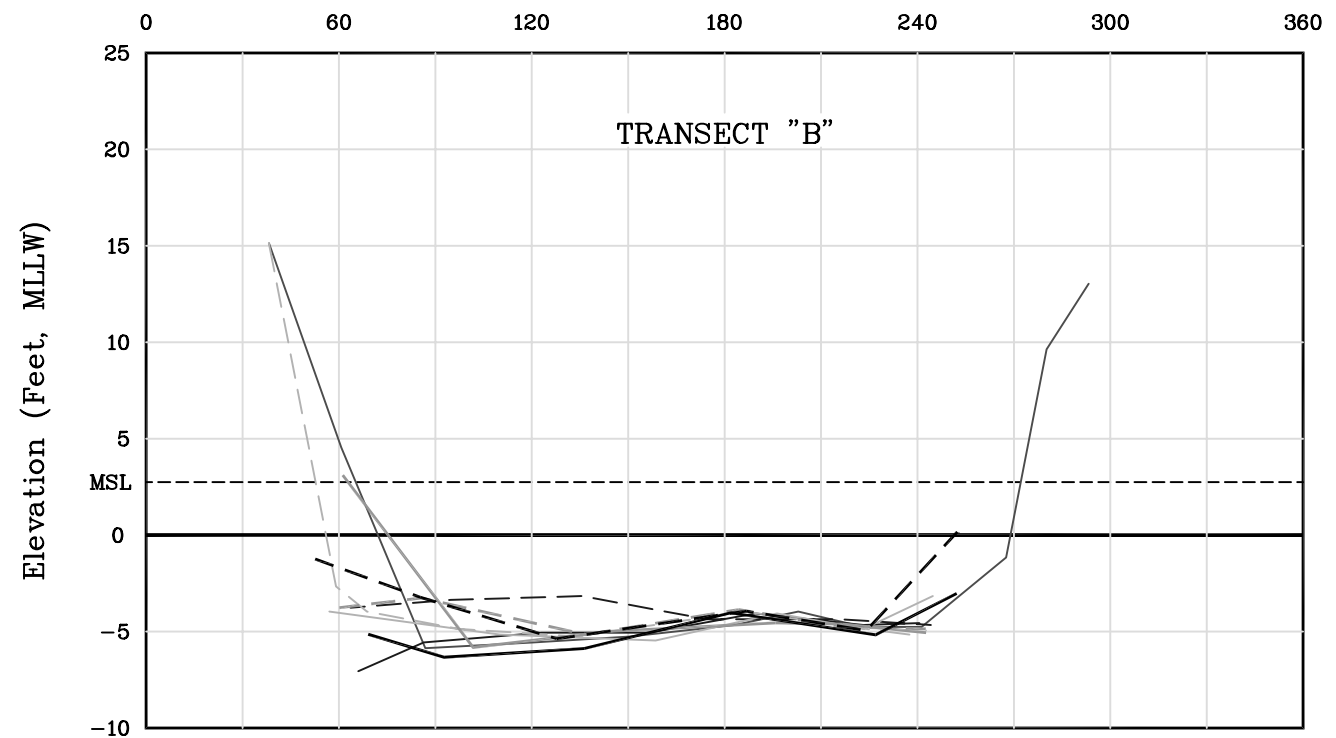
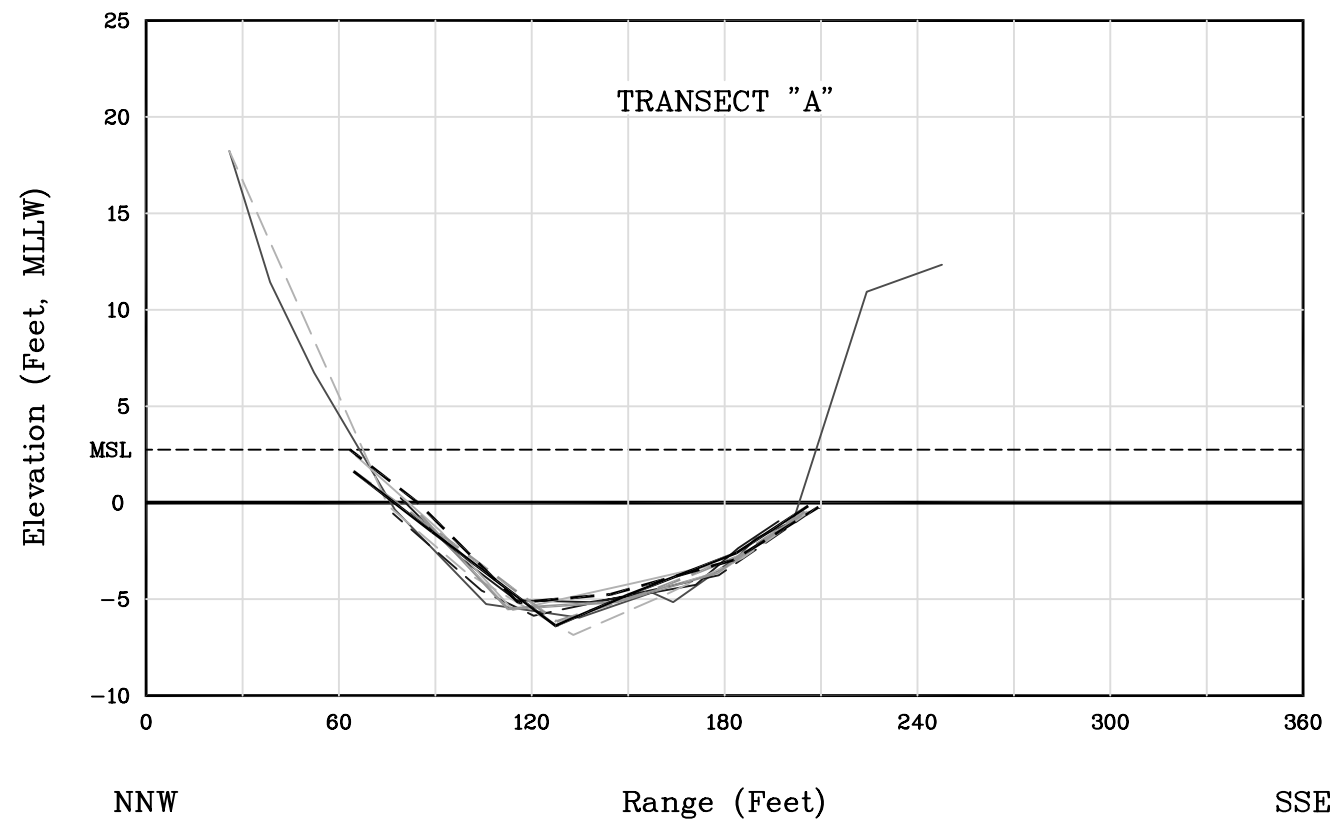


APPENDIX H

TOPOGRAPHIC DATA FOR LAGOON ENTRANCES



NOTES:

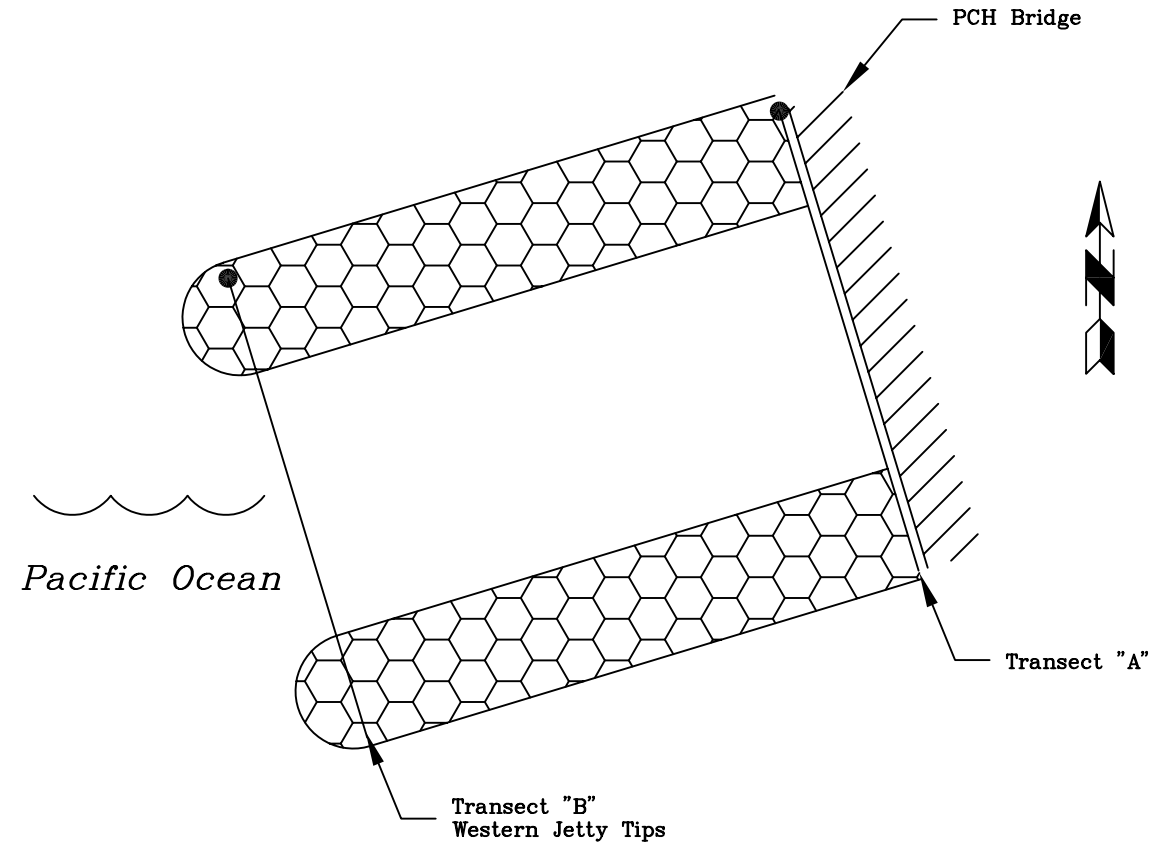
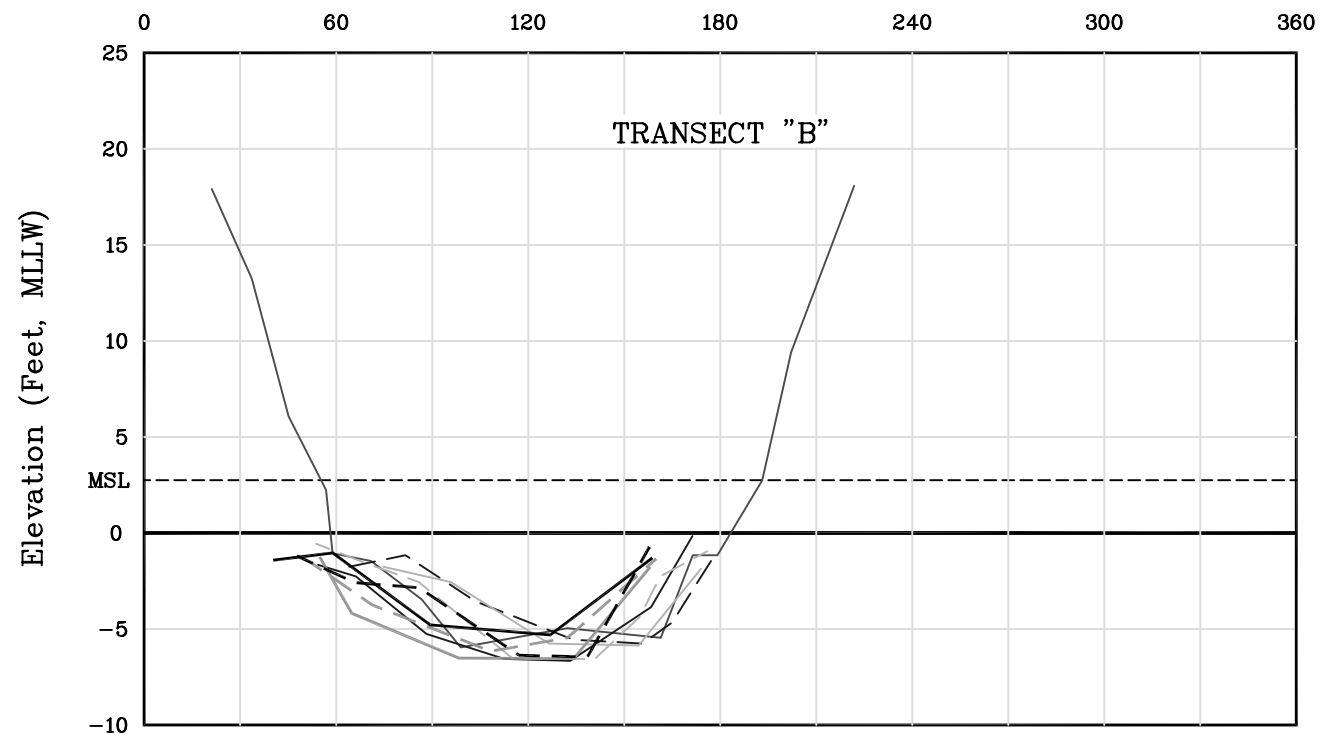
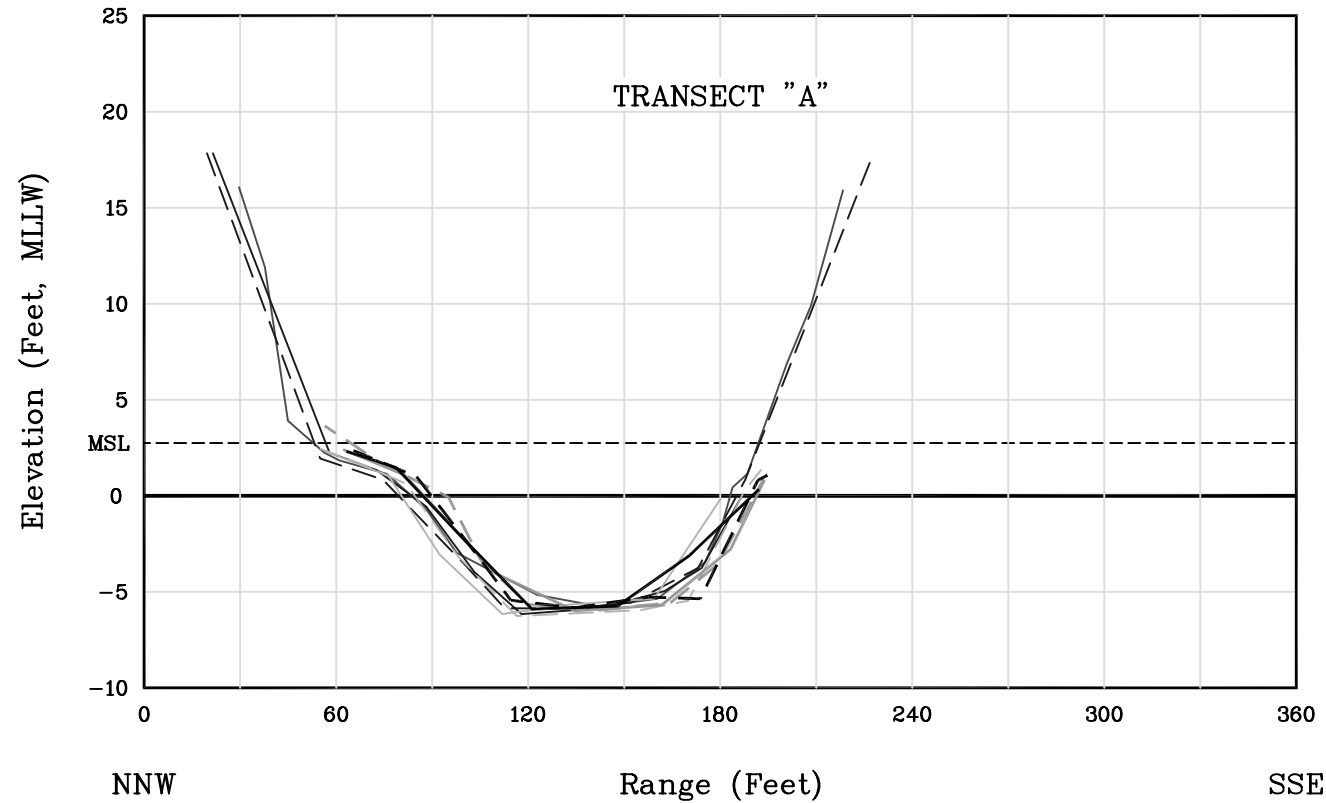
- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Horizontal datum for each transect is an arbitrary point
- 4) Structures not drawn to scale.

LEGEND:

- Transect origin

	Spring	Fall
2004	----	_____
2003	----	_____
2002	----	_____
2001	----	_____
2000	----	_____

Agua Hedionda Lagoon Entrance Channel Profiles Fall 2000 – Fall 2004		
Scale: As Noted	Checked by: CBL	Drawn by: RCH
Date: February 17, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: Coastal Frontiers Corporation		



NOTES:

- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Horizontal datum for each transect is an arbitrary point
- 4) Structures not drawn to scale.

LEGEND:

● Transect origin

	Spring	Fall
2004	----	_____
2003	----	_____
2002	----	_____
2001	----	_____
2000	----	_____

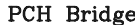
Entrance Channel Schematic

Batiquitos Lagoon Entrance Channel Profiles Fall 2000 – Fall 2004		
Scale: No Scale	Checked by: CBL	Drawn by: RCH
Date: February 17, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: Coastal Frontiers Corporation		

1) Vertical datum is Mean Lower Low Water (MLLW, 1983–2001 epoch).

3) Bridge not drawn to scale.

4) Survey date: October 6, 2003.



Scale: 1 in = 100 ft

San Elijo Lagoon Entrance

$$1'' = 100'$$

Checked by: CBL

Drawn by: RCH

Date: February 18, 2005

1 of 1

Revised

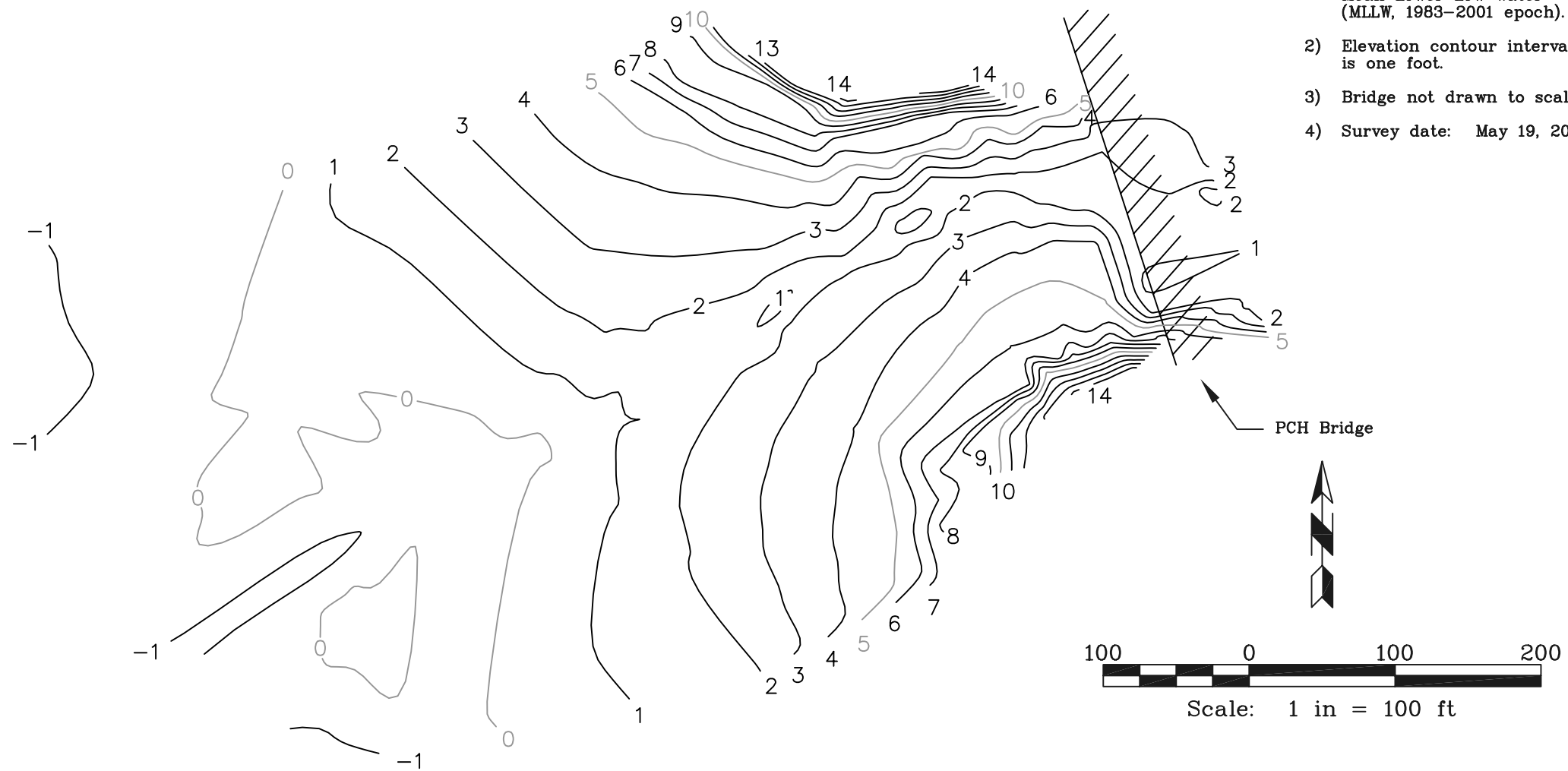
Prepared for:

SAN DIEGO ASSOCIATION OF GOVERNMENTS

Prepared by:

COASTAL FRONTIERS CORPORATION

Pacific Ocean

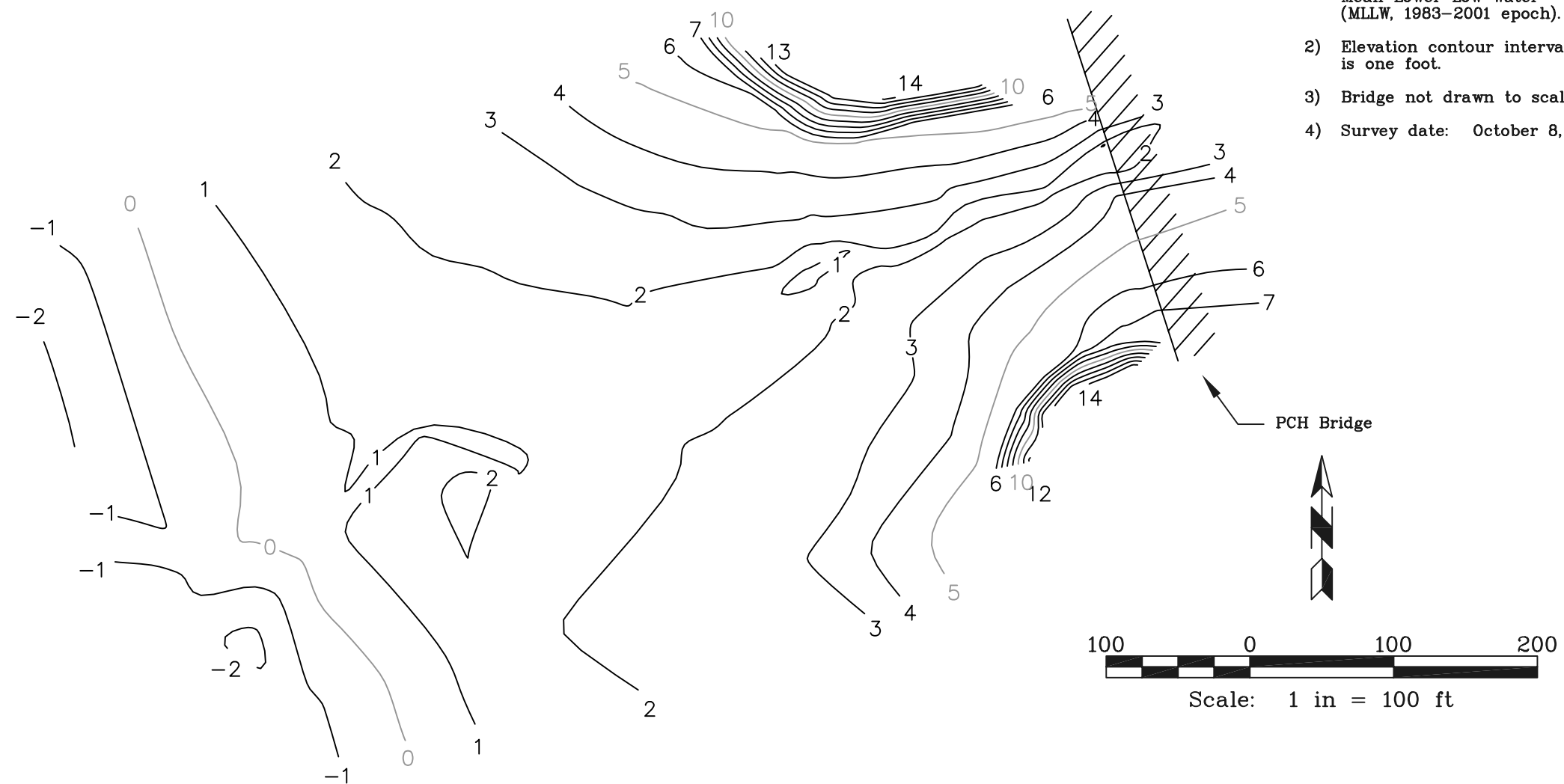


NOTES:

- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Elevation contour interval is one foot.
- 3) Bridge not drawn to scale.
- 4) Survey date: May 19, 2004.

San Elijo Lagoon Entrance Nearshore Topography May 2004		
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: SAN DIEGO ASSOCIATION OF GOVERNMENTS		
Prepared by: COASTAL FRONTIERS CORPORATION		


Pacific Ocean



NOTES:

- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Elevation contour interval is one foot.
- 3) Bridge not drawn to scale.
- 4) Survey date: October 8, 2004.

San Elijo Lagoon Entrance
Nearshore Topography
October 2004

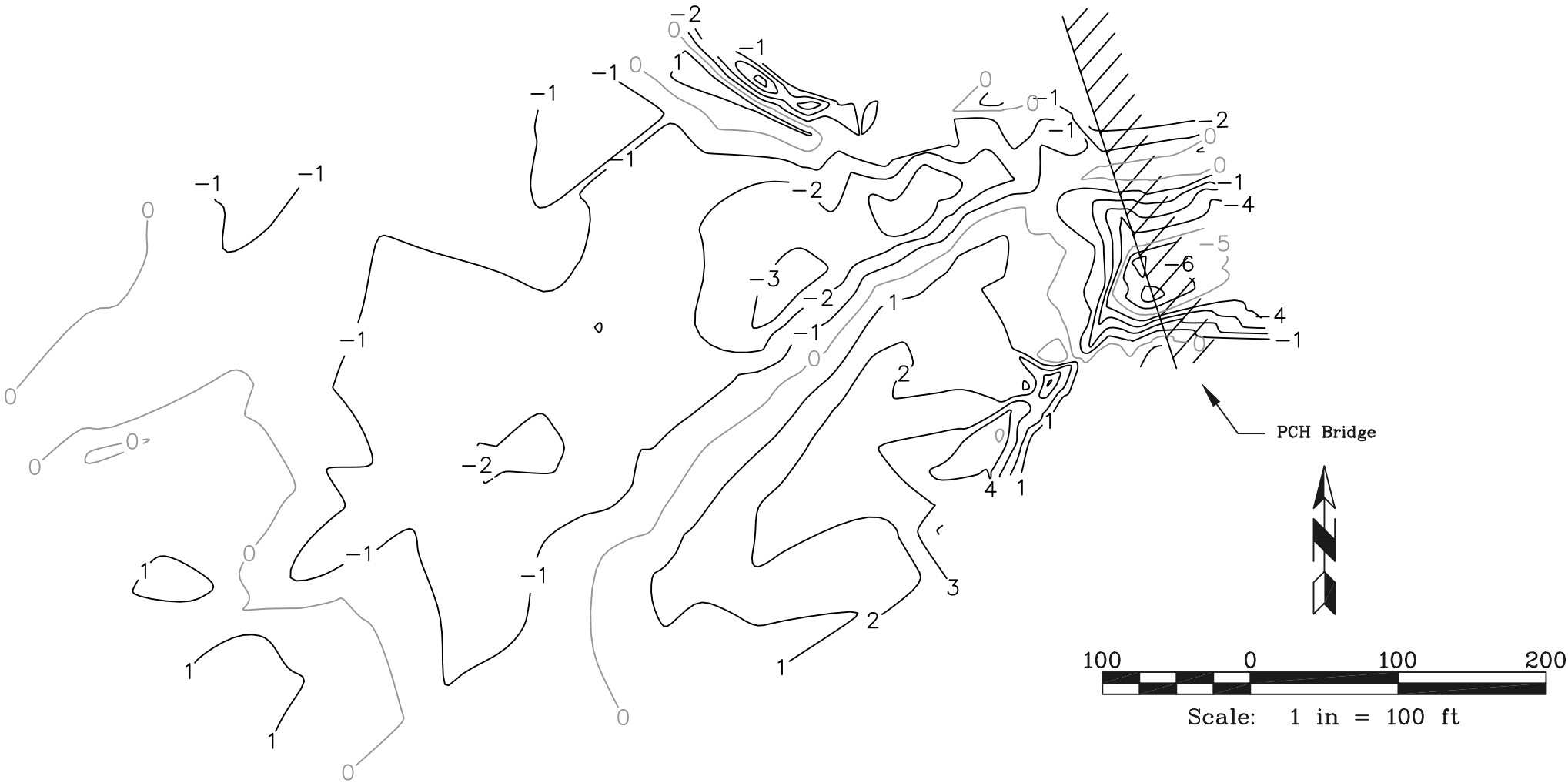
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: SAN DIEGO ASSOCIATION OF GOVERNMENTS		
Prepared by: COASTAL FRONTIERS CORPORATION		



Pacific Ocean

NOTES:

- 1) Net erosion = 4.400 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.



San Elijo Lagoon Entrance Elevation Changes Between October 2003 and May 2004		
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: SAN DIEGO ASSOCIATION OF GOVERNMENTS		
Prepared by: COASTAL FRONTIERS CORPORATION		



Pacific Ocean

NOTES:

- 1) Net accretion = 1,800 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.



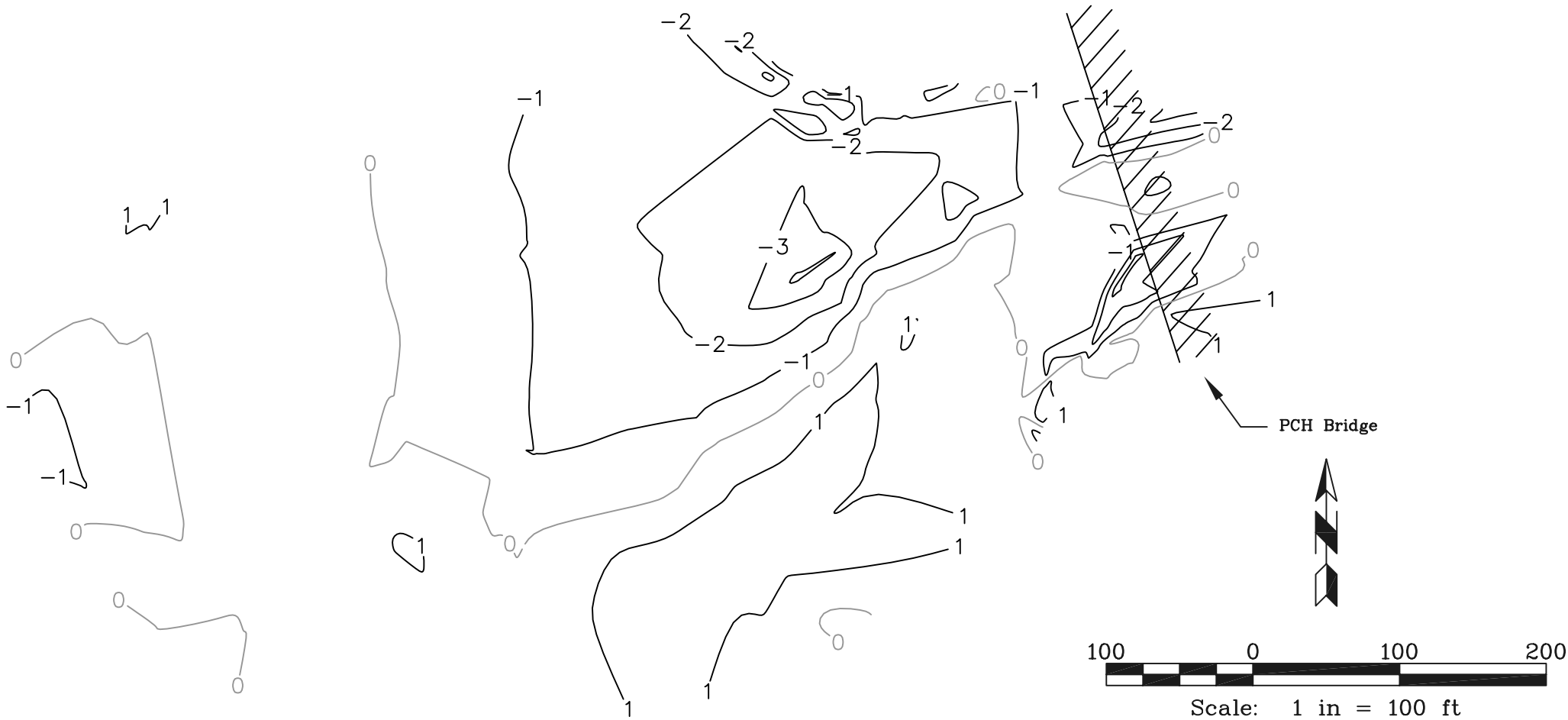
San Elijo Lagoon Entrance Elevation Changes Between May 2004 and October 2004		
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: SAN DIEGO ASSOCIATION OF GOVERNMENTS		
Prepared by: COASTAL FRONTIERS CORPORATION		



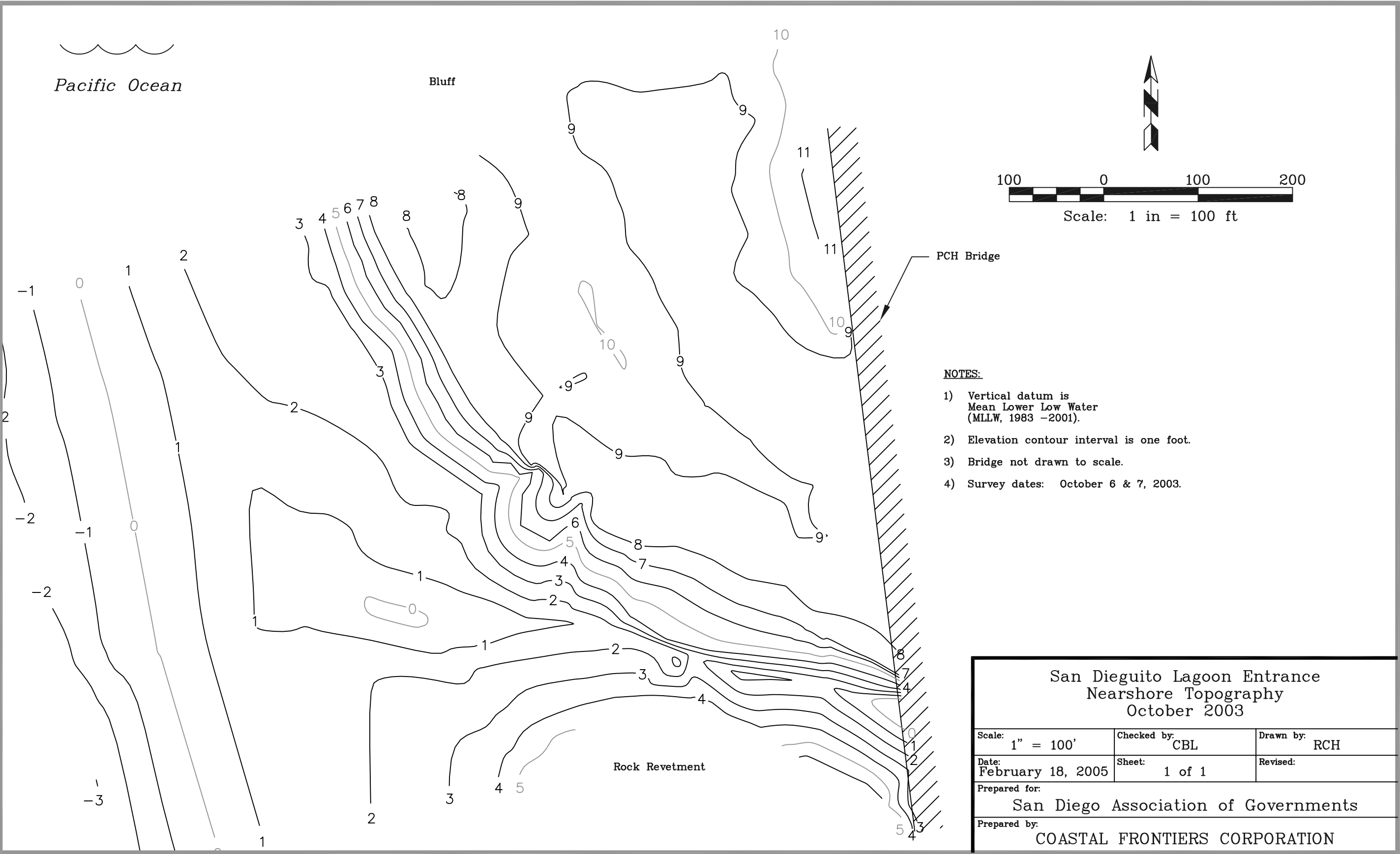
Pacific Ocean

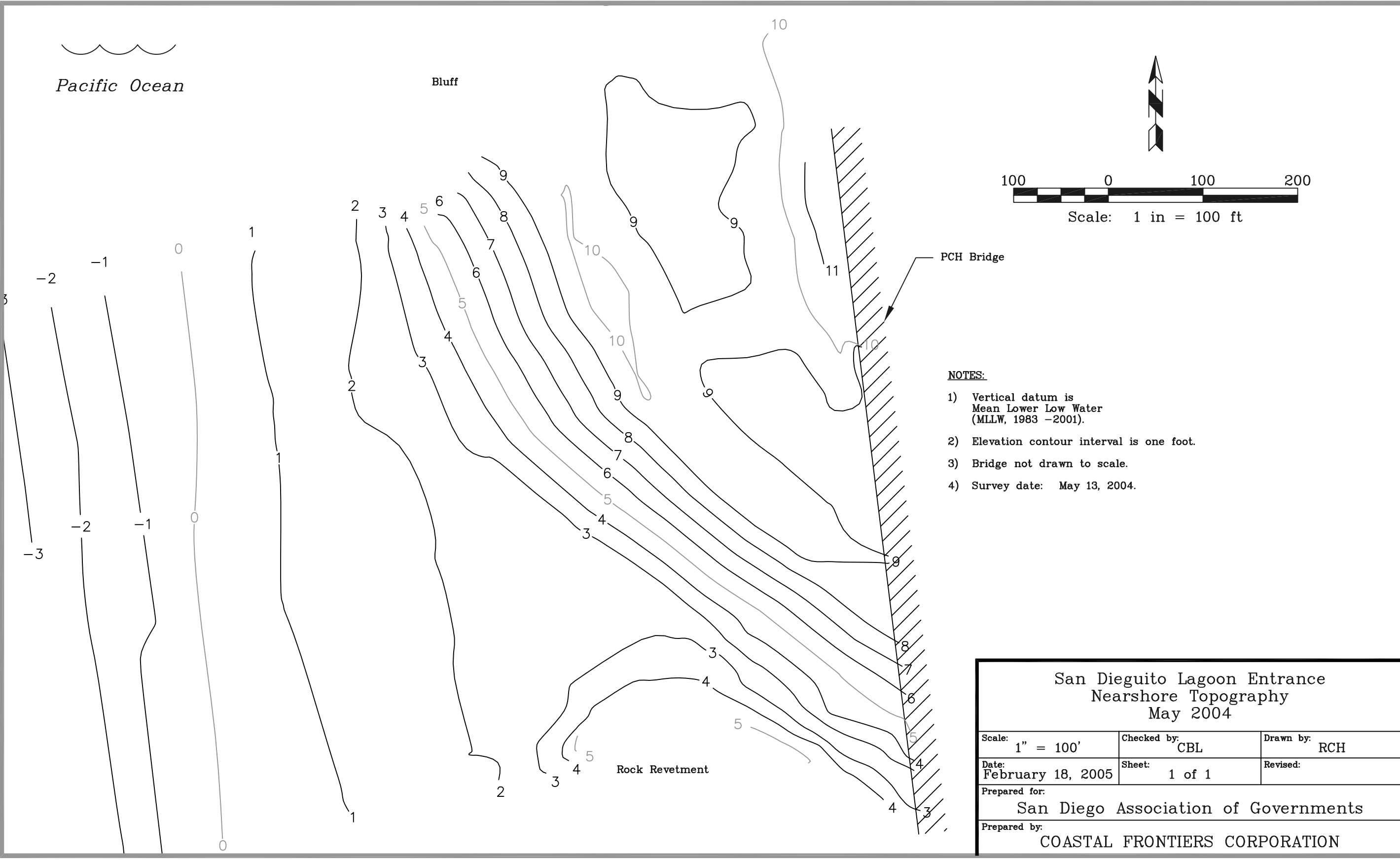
NOTES:

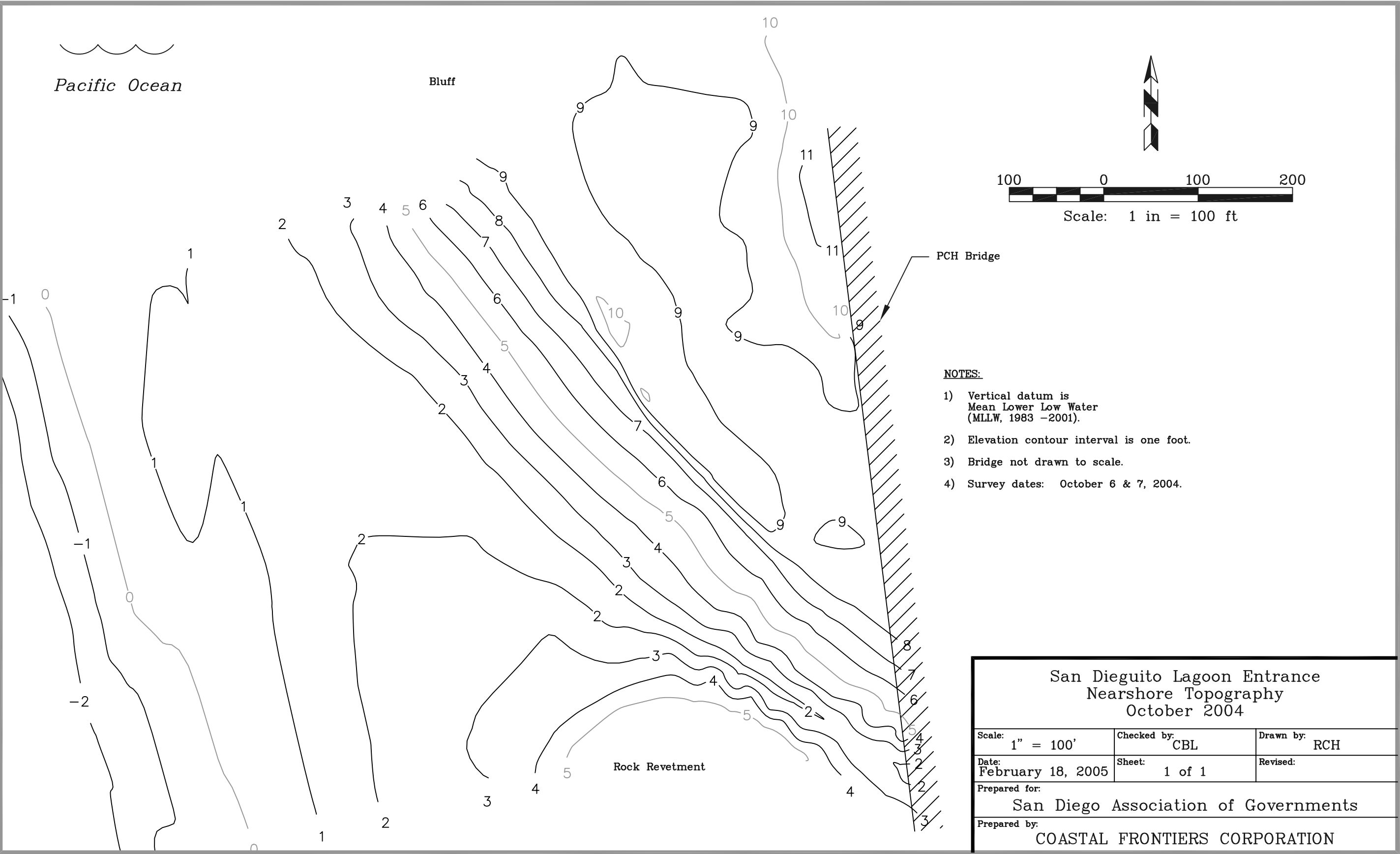
- 1) Net erosion = 2,600 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.

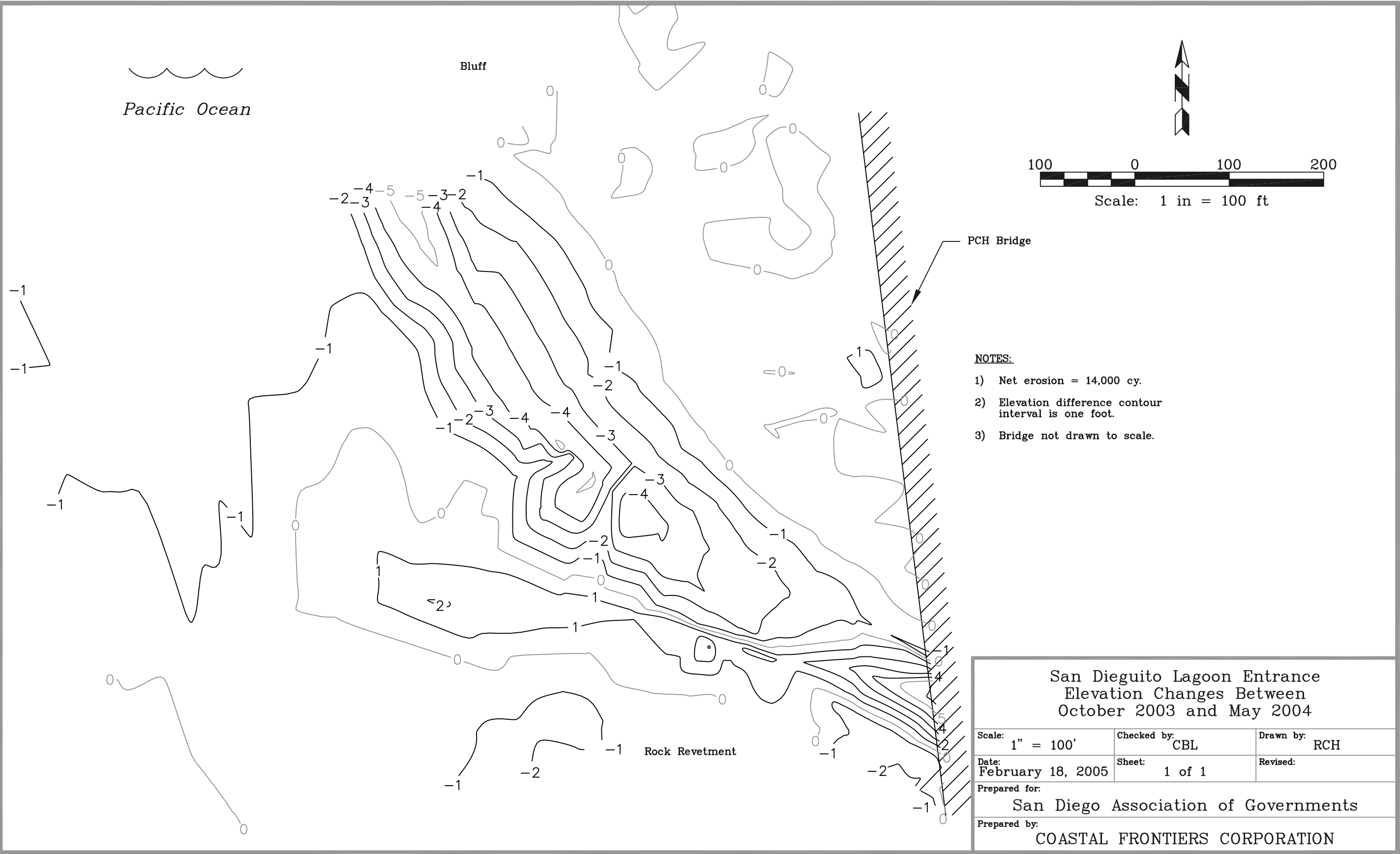


San Elijo Lagoon Entrance Elevation Changes Between October 2003 and October 2004		
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: SAN DIEGO ASSOCIATION OF GOVERNMENTS		
Prepared by: COASTAL FRONTIERS CORPORATION		



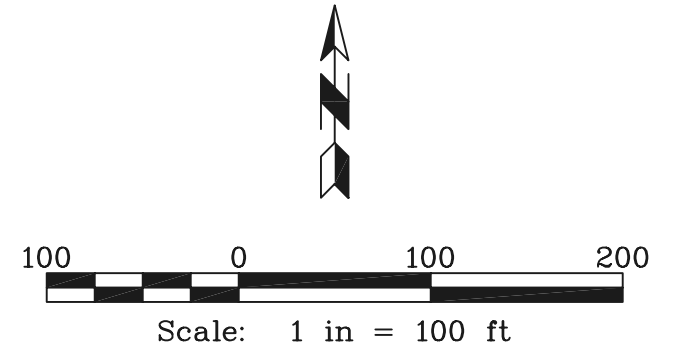






Pacific Ocean

Bluff



PCH Bridge

NOTES:

- 1) Net accretion = 2,100 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.

San Dieguito Lagoon Entrance
Elevation Changes Between
May 2004 and October 2004

Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		

Rock Revetment

Pacific Ocean

Bluff

PCH Bridge

Rock Revetment



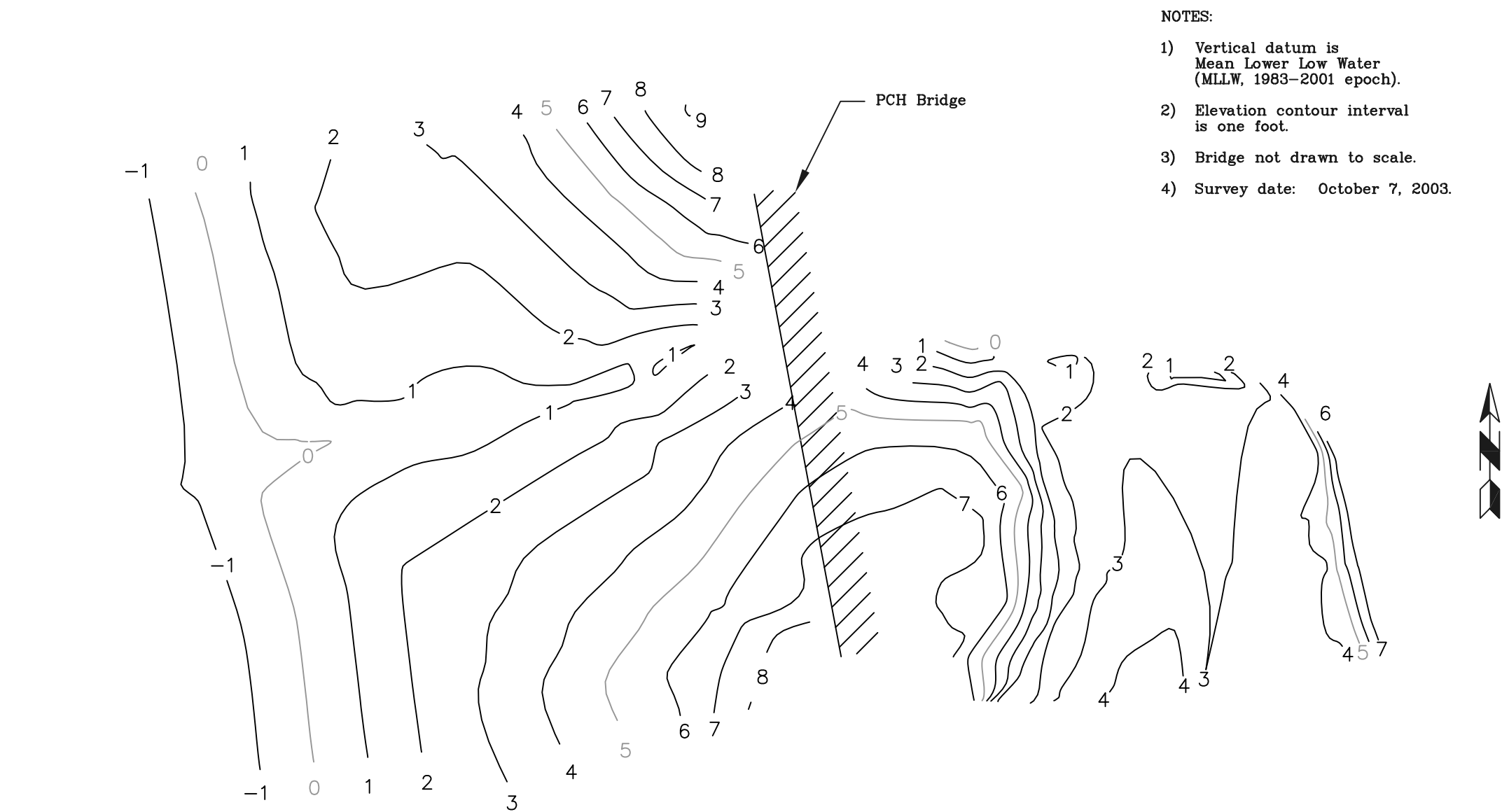
Scale: 1 in = 100 ft

NOTES:

- 1) Net erosion = 11,900 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.

San Dieguito Lagoon Entrance
Elevation Changes Between
October 2003 and October 2004

Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		



NOTES:

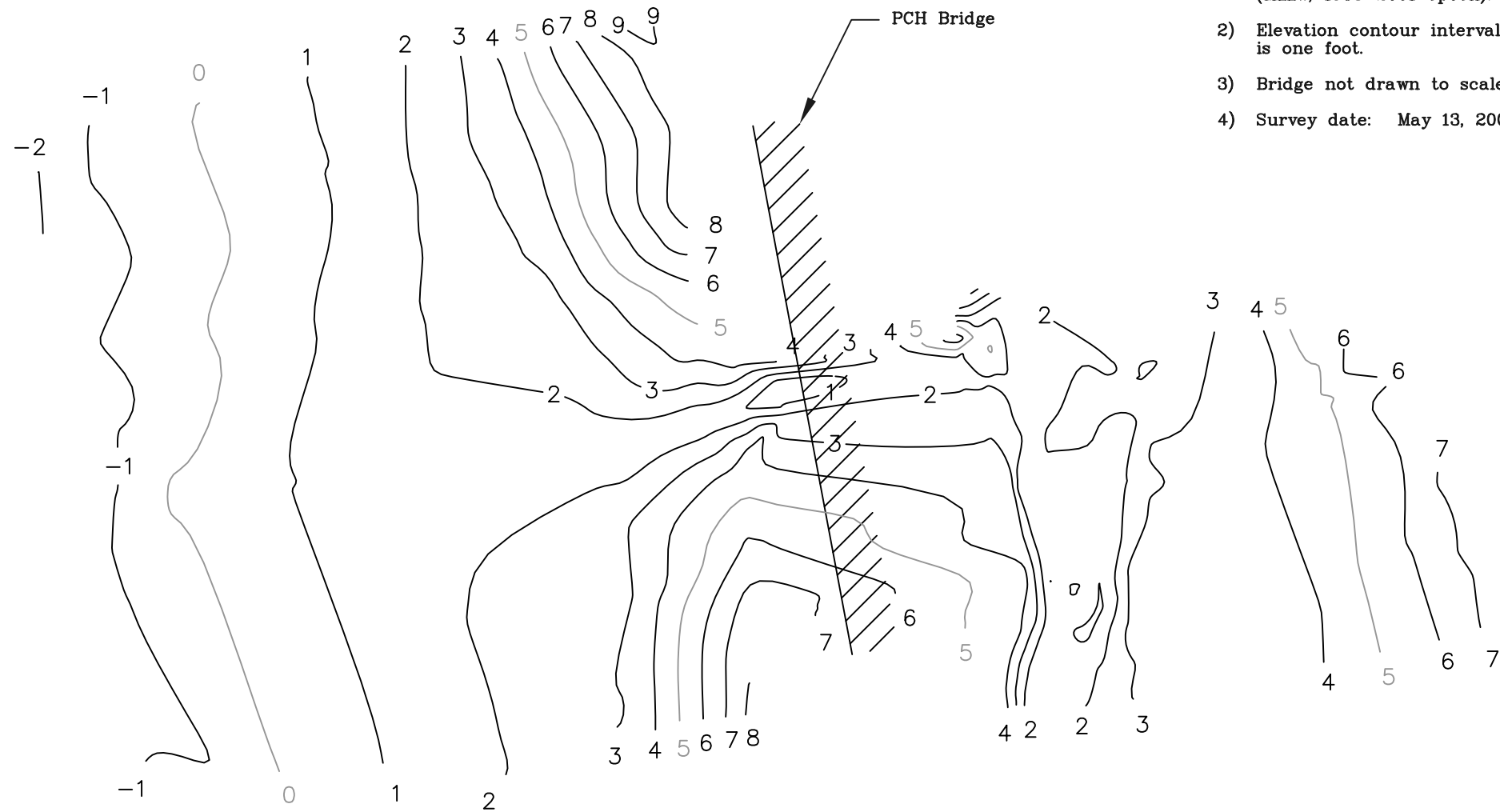
- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Elevation contour interval is one foot.
- 3) Bridge not drawn to scale.
- 4) Survey date: October 7, 2003.

Pacific Ocean

100 0 100 200
Scale: 1 in = 100 ft

Los Penasquitos Lagoon Entrance
Nearshore Topography
October 2003

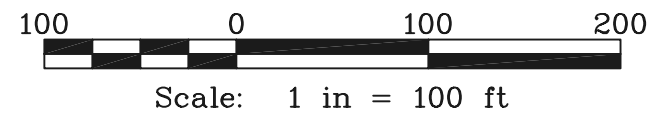
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		



NOTES:

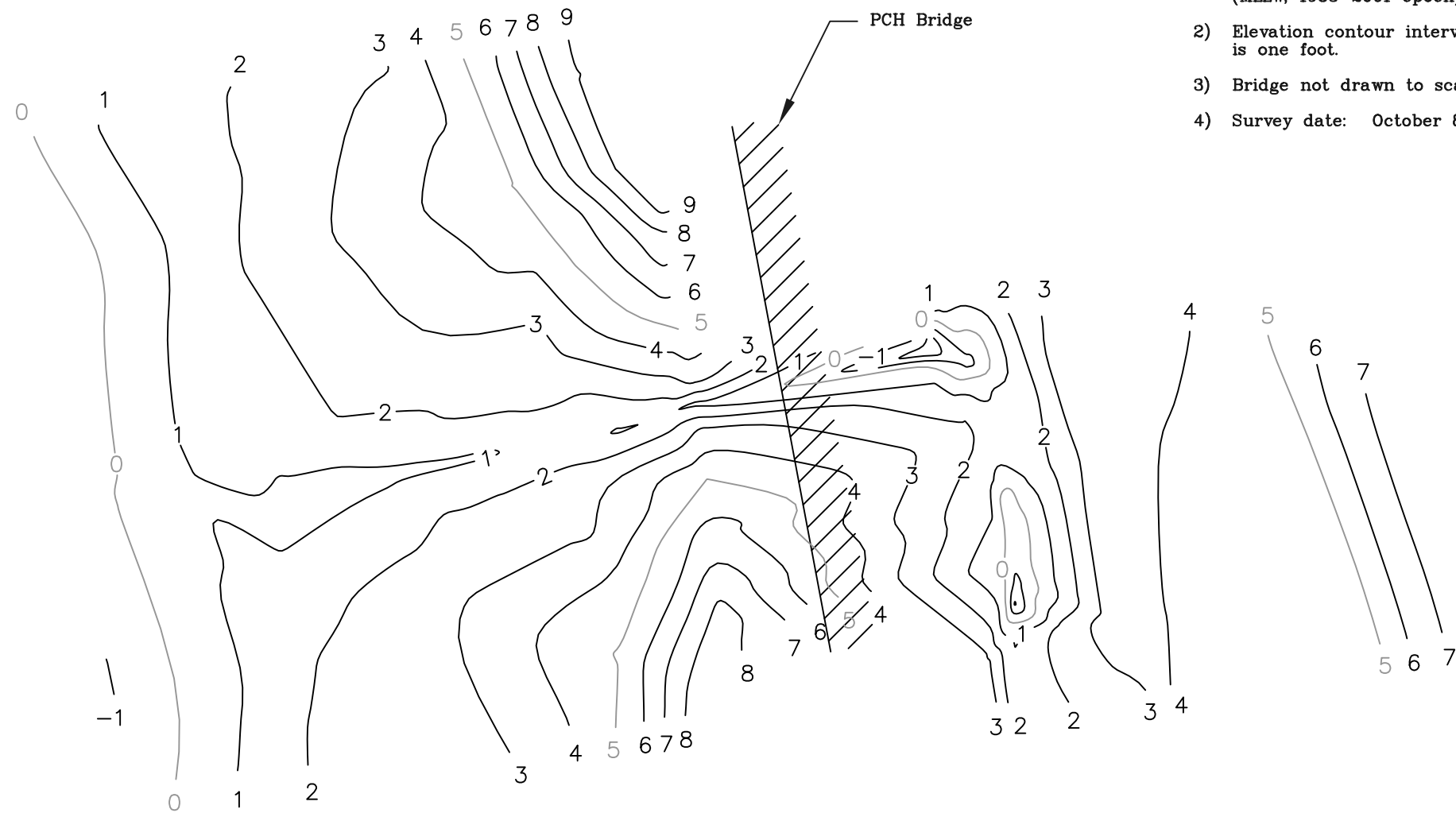
- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Elevation contour interval is one foot.
- 3) Bridge not drawn to scale.
- 4) Survey date: May 13, 2004.

Pacific Ocean



Los Penasquitos Lagoon Entrance
Nearshore Topography
May 2004

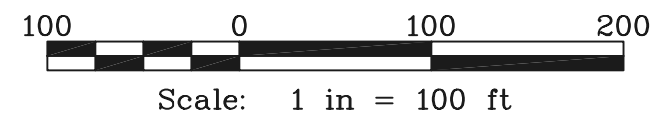
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		



NOTES:

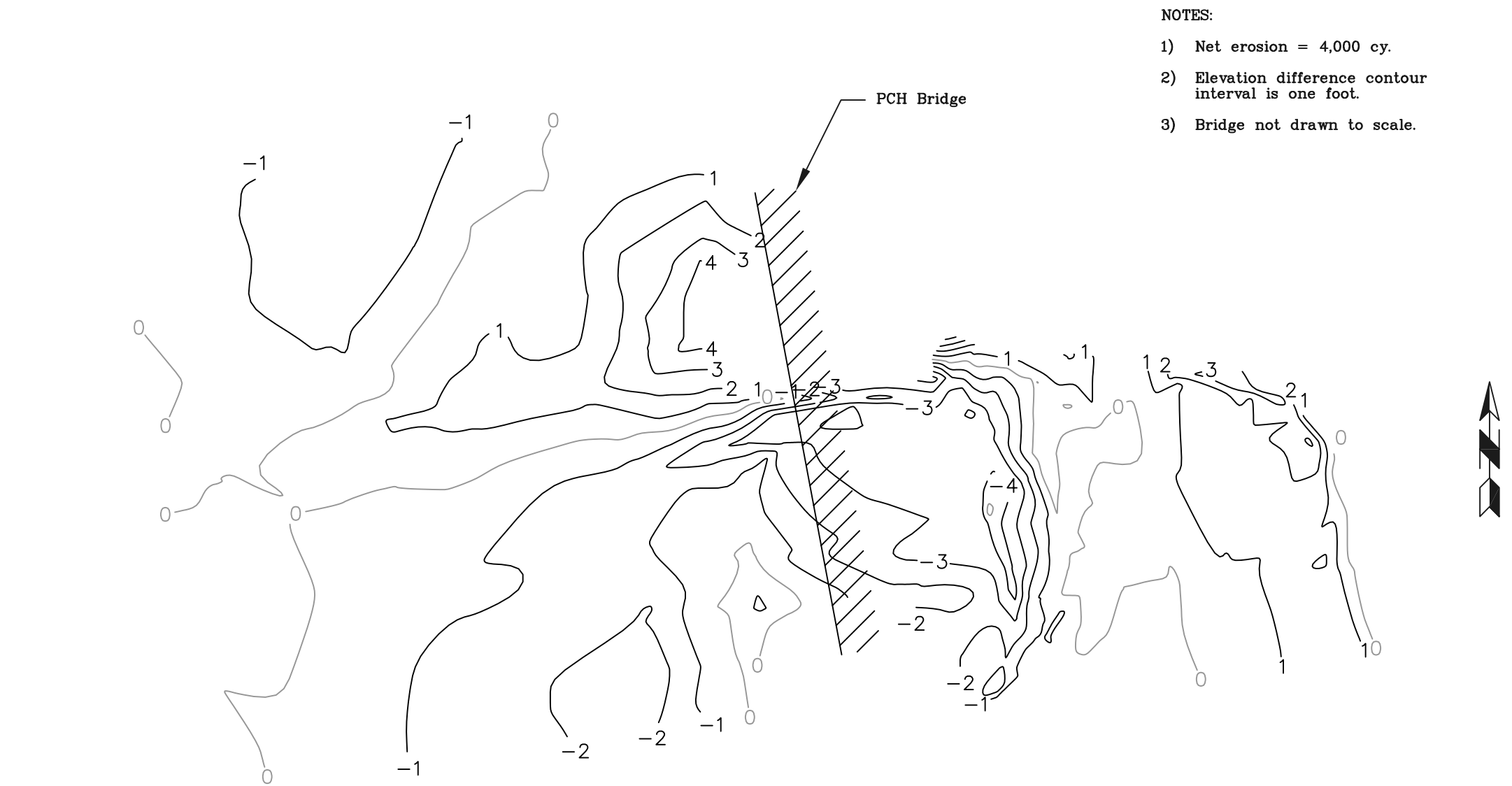
- 1) Vertical datum is Mean Lower Low Water (MLLW, 1983-2001 epoch).
- 2) Elevation contour interval is one foot.
- 3) Bridge not drawn to scale.
- 4) Survey date: October 8, 2004.


Pacific Ocean



Los Penasquitos Lagoon Entrance
Nearshore Topography
October 2004

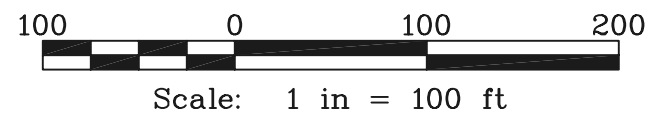
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 18, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		



NOTES:

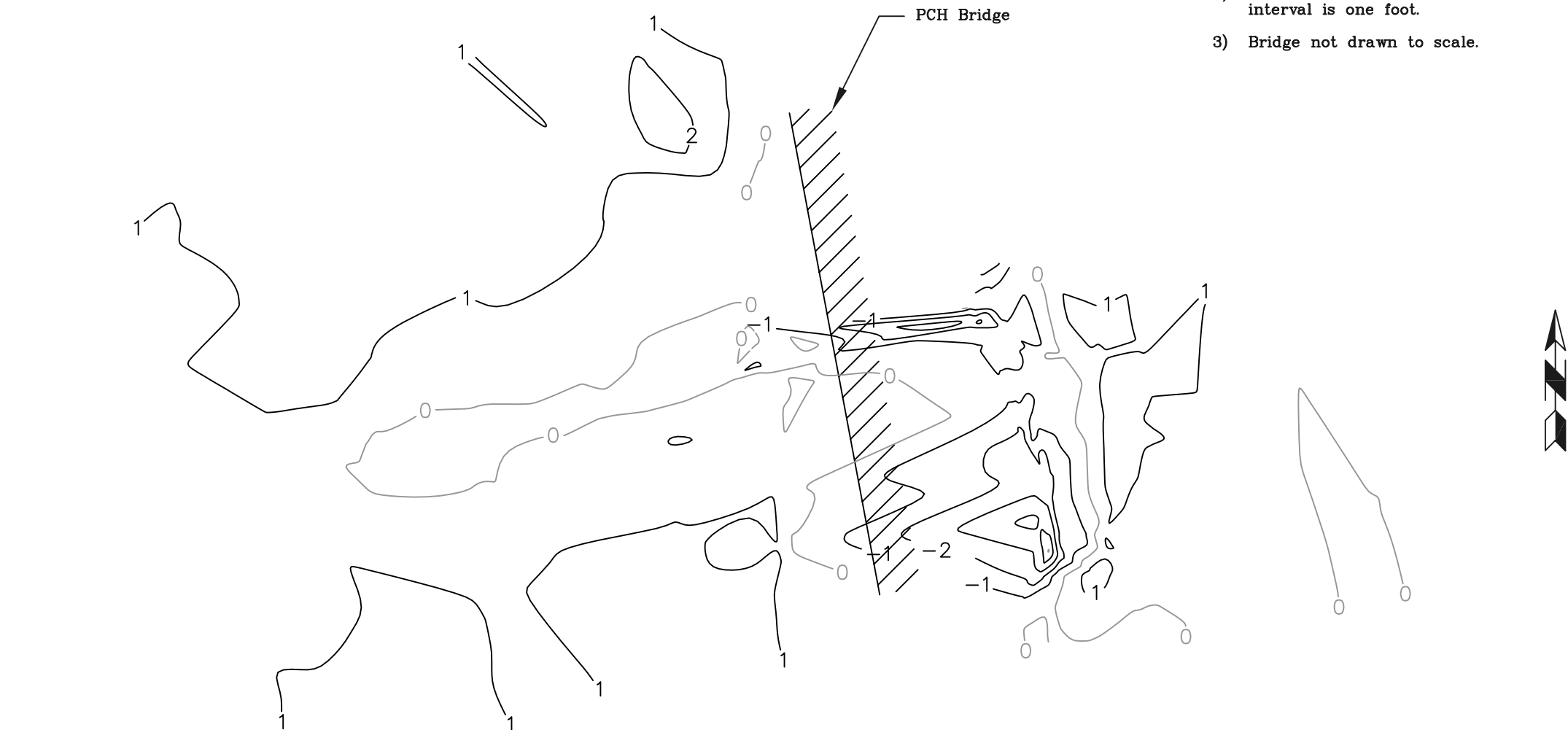
- 1) Net erosion = 4,000 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.

Pacific Ocean



Los Penasquitos Lagoon Entrance
Elevation Changes Between
October 2003 and May 2004

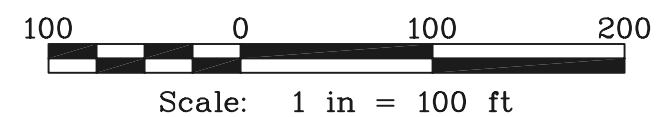
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 24, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		



NOTES:

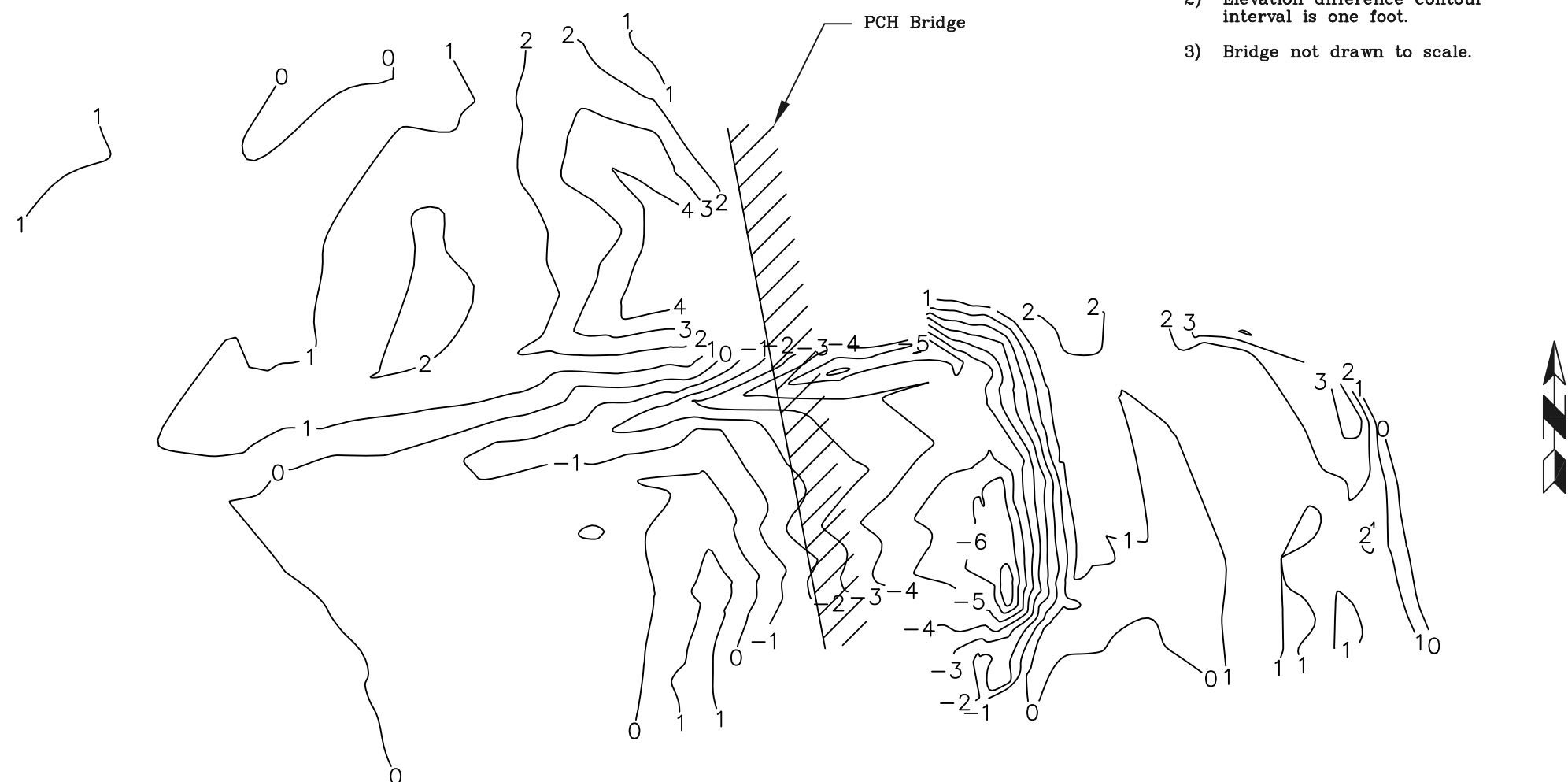
- 1) Net accretion = 6,000 cy.
- 2) Elevation difference contour interval is one foot.
- 3) Bridge not drawn to scale.


Pacific Ocean



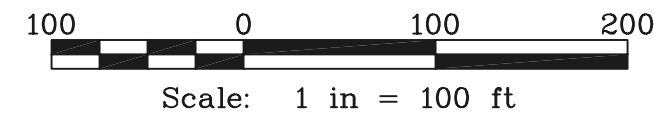
Los Penasquitos Lagoon Entrance
Elevation Changes Between
May 2004 and October 2004

Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 24, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		



- NOTES:
- 1) Net accretion = 2,000 cy.
 - 2) Elevation difference contour interval is one foot.
 - 3) Bridge not drawn to scale.

Pacific Ocean



Los Penasquitos Lagoon Entrance Elevation Changes Between October 2003 and October 2004		
Scale: 1" = 100'	Checked by: CBL	Drawn by: RCH
Date: February 24, 2005	Sheet: 1 of 1	Revised:
Prepared for: San Diego Association of Governments		
Prepared by: COASTAL FRONTIERS CORPORATION		