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NGS Information Services NOAA N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

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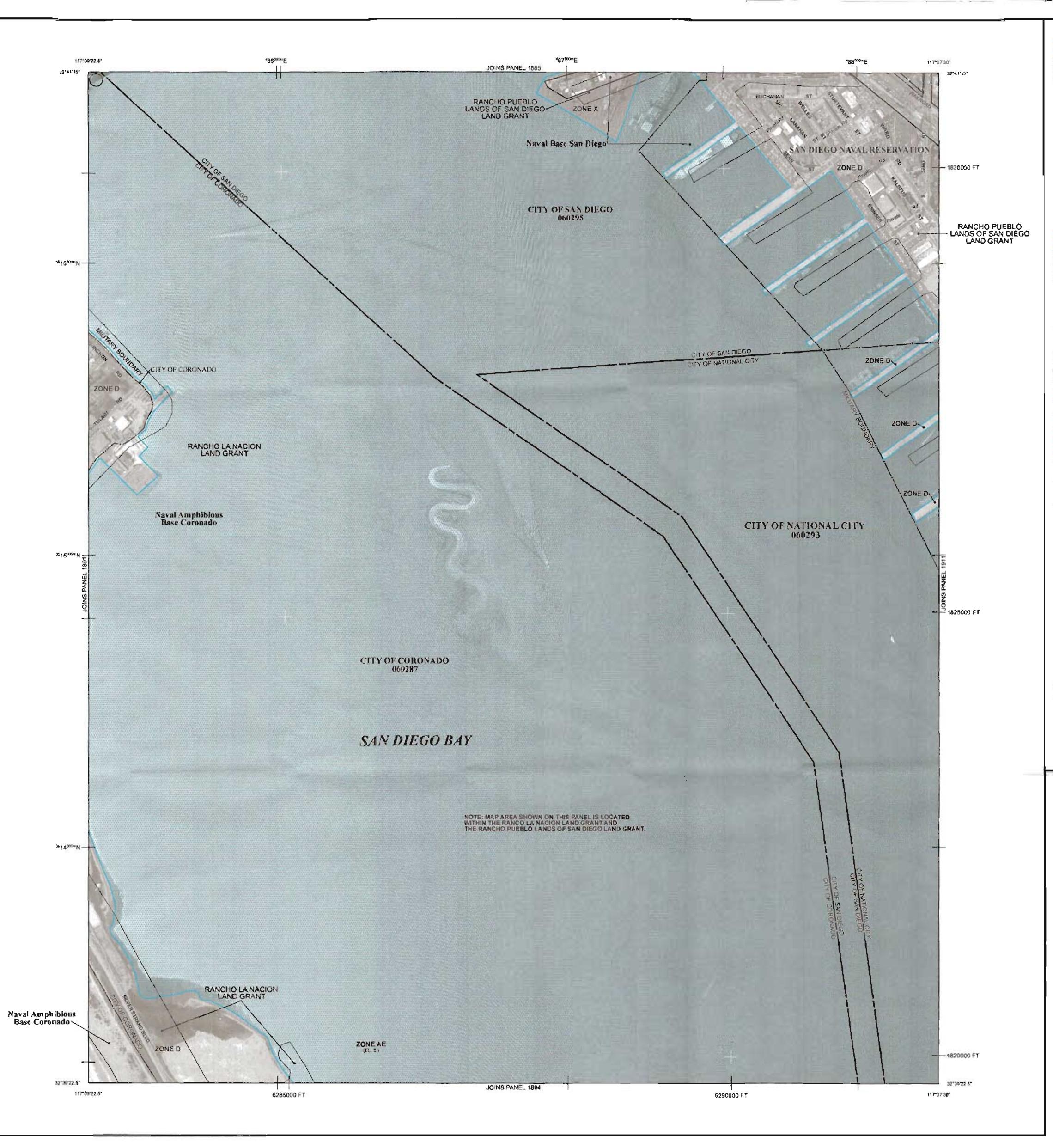
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LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equated or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones. A. AE, AH, AO, AR, A99, V, and VE. The Base Flood Glevation is the water-surface elevation of the 1% annual chance flood.

No little Flood Elevations deservined.

ZONE AE Unit Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

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Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths

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1% annual chance or greater food. Areas to be protected from 1% annual chance flood event by a federal flood

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Coastal flood Jone with velocity razard (wave action); no Base Flood Elevations

Constal flood zone with velocity hazard (wave action); Basic Flood Elevations

FLOCOWAY AREAS IN ZONE AE

encroachment so that the 1% annual chance food can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than I foot or with drainage areas less than I square mile; and

The foodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of

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OTHER AREAS Areas determined to be outside the 0.2% annual chance floodplain.

Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAS)

CSRS areas and CPAs are normally located within or adjacent to Special Flood Hazard Areas.

0.246 agrical chance floodplain boundary

Floodway boundary Zone D boundary CBRS and OPA boundary

1% annual charice floodplain boundary

Boundary dividing Special Flood Hearns Area Zones and - boundary dividing Special Flood Hauard Areas of different Base Flood Elevations, flood depths, or flood velocities ~~ 513 ~~~

Base Flood Elevation line and value; elevation in feet* Base Flood Elevation value where uniform within zone; elevation

Referenced to the North American Vertical Datum of 1988 Cross section line

Transect line

(2)-----(2) 97'07'30' 32'22'30' 4275000mE

Geographic coordinates referenced to the North American (Mtum of 1983 (NAD 83), Western Herrisphere 1000-meter Universal Transverse Meicator grid ticks, zone LL

5000-foot grid values: California State Plane coordinate system. 60000000 FT Zone VI (FIPSZONE = 406), Lambert projection Bench mark (see explanation in Notes to Users section of this FIRM pane) · MI.5 River Mile

MAP REPOSITORIES Refer to Map Repositories list on Map Index EFFECTIVE DATE OF COUNTYWIDE

FLOOD INSURANCE RATE MAP June 19, 1997

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 500"



PANEL 1892 OF 2375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINE

PANEL 1892G

COMMUNITY NUMBER PANEL SUFFIX 060267 CORONADO CITY OF NATIONAL CITY, CITY OF 060290 SAN DEGO, CITY OF 060296

FLOOD INST

Notice to User. The Mag Number shows below should be used. when placing map orders; the Community Number shows above should be used on Meutanox accilirations for the subject



06073C1892G MAP REVISED MAY 16, 2012

MAP NUMBER

1892

1892

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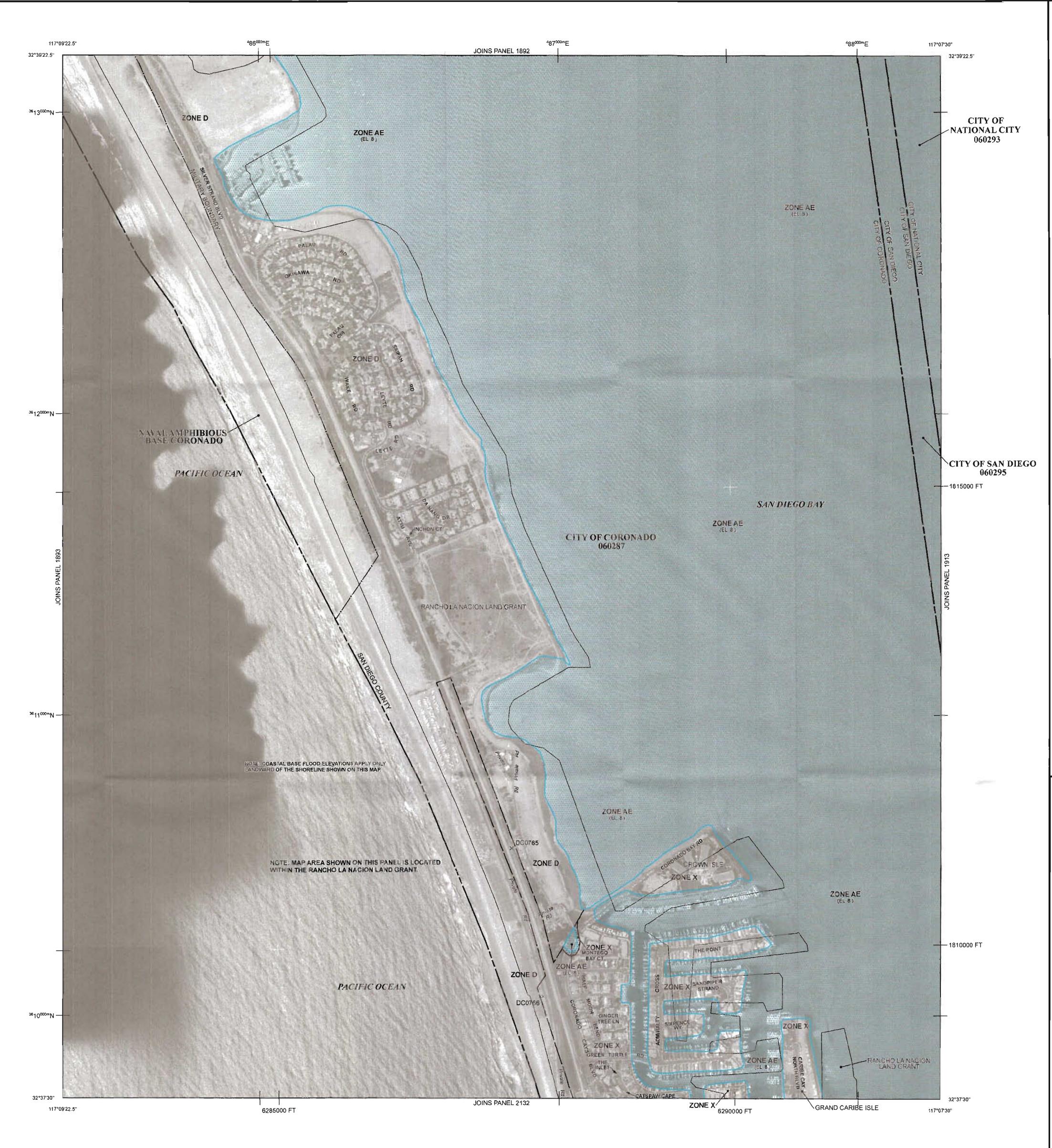
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A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the

ZONE A No Base Flood Elevations determined.

1% annual chance flood.

ZONE AE Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

> Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary 0.2% annual chance floodplain boundary Floodway boundary Zone D boundary

~~~ 513 ~~~

(EL 987)

4275000mE

M1.5

CBRS and OPA boundary Boundary dividing Special Flood Hazard Area Zones and - boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities

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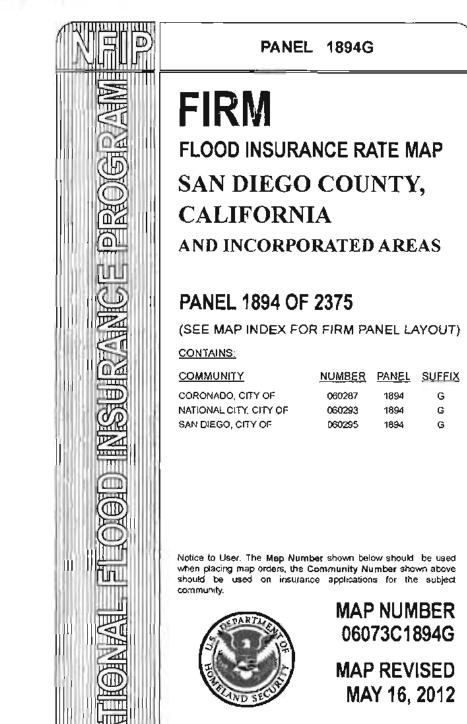
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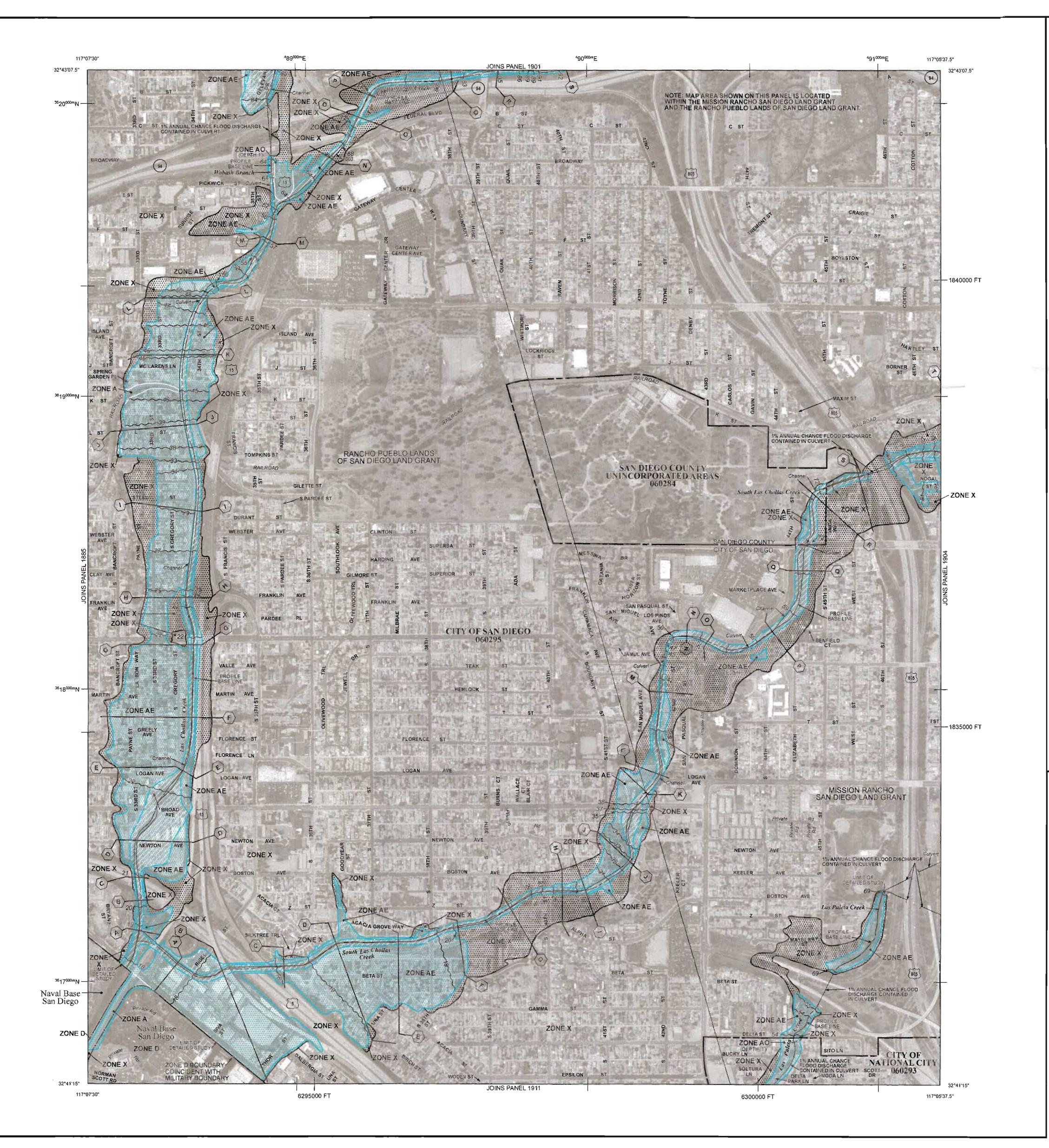
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ZONE AE Base Flood Elevations determined.

ZONE AO

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

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Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths

protection system under construction; no Base Flood Elevations determined. Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

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OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

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OTHERWISE PROTECTED AREAS (OPAs)

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1% annual chance floodplain boundary 0.2% annual chance floodplain boundary Floodway boundary Zone D boundary \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

~~~ 513 ~~~

(23)----(23)

DX5510

CBRS and OPA boundary Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities

Base Flood Elevation value where uniform within zone; elevation (EL 987) * Referenced to the North American Vertical Datum of 1988

Cross section line

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June 19, 1997 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

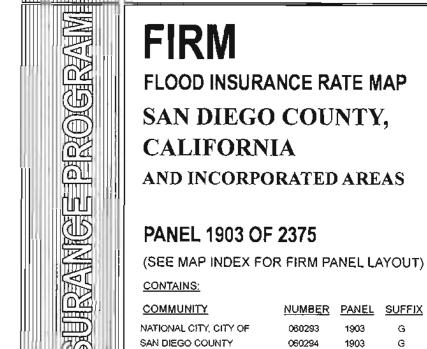
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SAN DIEGO, CITY OF 060295 1903

PANEL 1903G

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06073C1903G MAP REVISED MAY 16, 2012

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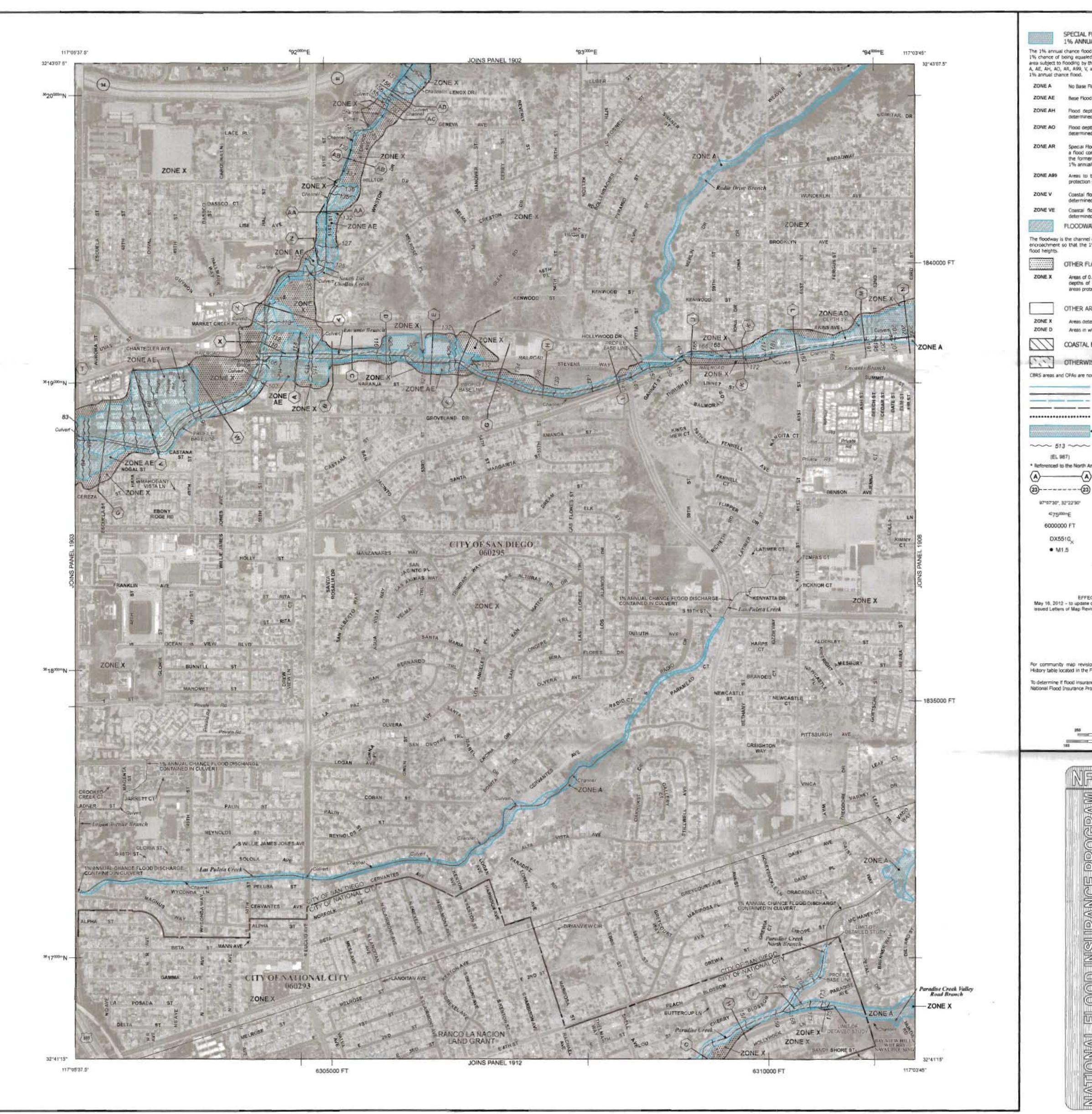
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If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip/.

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LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE

1% ANNUAL CHANCE FLOOD The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a

1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

No Base Flood Elevations determined.

Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths

1% annual chance or greater flood. ZONE A99 Areas to be protected from 1% annual chance food event by a Federal food

determined. For areas of alluvial fan flooding, velocities also determined.

protection system under construction; no Base Flood Elevations determined. Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of

OTHER FLOOD AREAS

encroachment so that the 1% annual chance flood can be carried without substantial increases in

Areas of 0.2% armust chance flood; areas of 1% annual chance flood with average depths of less then 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floooplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary 0.2% annual chance floodplain boundary Floodway boundary Zone D boundary CBRS and DFA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities

Base Flood Elevation line and value; elevation in feet* Base Flood Elevation value where uniform within Jone; elevation Referenced to the North American Vertical Datum of 1988

(23)----(23) 97"07'30", 32"22'30" 4275000mE

(EL 967)

Geographic coordinates referenced to the North American Datum of 1983 (NAD 53), Western Hemisphere 1000-meter Universal Transverse Mercator grid ticks, Jone 11 5000-foot grid values: California State Plane coordinate system,

6000000 FT Zone VI (FIPSZONE = 406), Lambert projection Bench mark (see explanation in Notes to Users section of this DX5510 M1.5

Cross section line

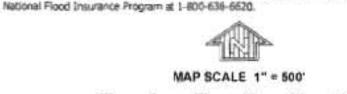
MAP REPOSITORIES Refer to Map Repositories list on Map Index EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

EFFECTIVE DATE(8) OF REVISION(8) TO THIS PANEL May 16, 2012 - to update corporate limits, to add roads and road names, to incorporate previously issued Letters of Map Revision, and to update map elevations to fronth American Vertical Datum of

June 19, 1997

For community map revision history prior to countywide mapping, refer to the Community Map

History table located in the Flood Insurance Study report for this jurisdiction. To determine if flood insurance is available in this community, contact your insurance agent or call the





(SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINS

PANEL 1904G

COMMUNITY NATIONAL CITY CITY OF SAN DIEDO, OTTY OF

NUMBER PANEL SUFFIX

(60293 1904

000295 1904

Notice to User. The Map Number shown below should be used when placing map orders; the Community Number shown above. should be used on insurance applications for the subject MAP NUMBER



MAP REVISED MAY 16, 2012

06073C1904G

This map is for use in administering the National Flood Insurance Program, it does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

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Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88), Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stilwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) Zone 11. The horizontal datum was NADB3, GR\$1980 spheroid Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1986, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was provided in digital format by the USDA National Agriculture Imagery Program (NAIP), this information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography dated

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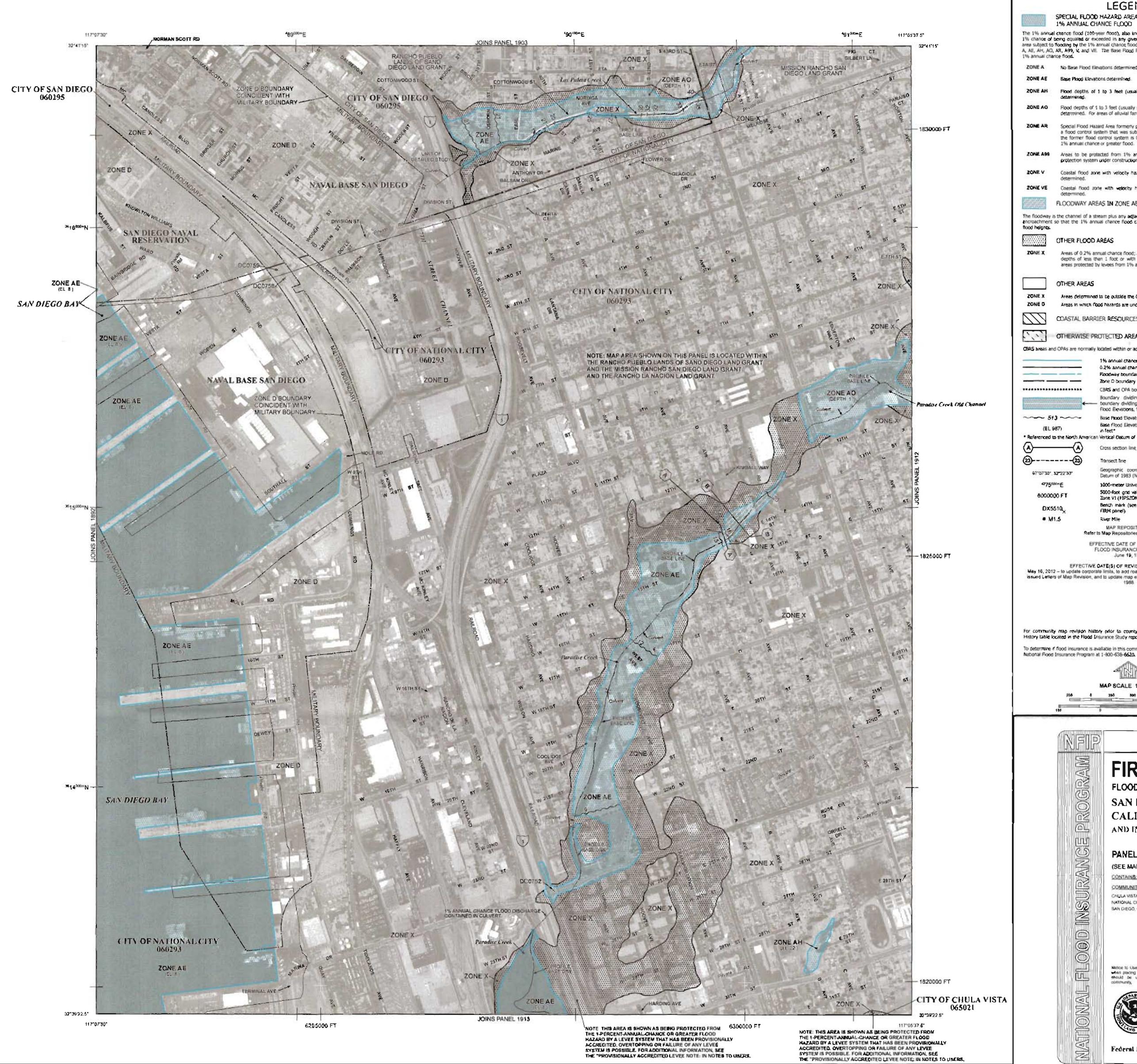
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If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/http/

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Provisionally Accredited levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the lever system(s) shown as providing protection for areas on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations by May 16, 2012. If the community or owner does not provide the necessary data and the documentation or if the data and documentation provided indicate the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider fixed insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/fip/index/.shtm.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% arrival chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equated or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones. A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

Base Flood Elevations determined

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

determined. For areas of alluvial fan flooding, velocities also determined. Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths

the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations

Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Bievations determined.

Coastal flood zone with velocity hazard (wave action); Sase Flood Elevations

determined. FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carned without substantial increases in

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floodplain.

Areas in which food Nazards are undepartrined, but possible, COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

0.2% annual chance floodplath boundary Floodway boundary Zorie D boundary

CBRS and OPA boundary Boundary dividing Special Flood reazard Area Zones and toundary dividing Special Flood Hiszard Areas of different Base.

Flood Bevistions, flood depths, or flood velocities ~~~ 513 ~~~ Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; clevation

* Referenced to the North American Vertical Catum of 1988

Cross section line (2)----(2)

47500-E

6000000 FT

■ M1.5

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere 1000-meter Universal Transverse Mercator prid ticks, zone 11

5000-foot grid values: California State Plane coordinate system, Zone VI (FIPSZONK = 406), Lambert projection Bench mark (see explanation in Notes to Users section of this

MAP REPOSITORIES

Refer to Map Repositories list on Map Index. EFFECTIVE DATE OF COUNTYWADE

FLOOD INSURANCE RATE MAP June 19, 1997

EFFECTIVE DATE(\$) OF REVISION(\$) TO THIS PANEL May 16, 2012 - to update corporate limits, to and roads and road names, to incorporate previously issued Latters of Map Revision, and to update map elevations to North American Vertical Datum of

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MAP SCALE 1" = 500"

PANEL 1911G FIRM

FLOOD INSURANCE RATE MAP SAN DIEGO COUNTY, **CALIFORNIA**

AND INCORPORATED AREAS

PANEL 1911 OF 2375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINS

COMMUNITY CHULA VISTA, CITY OF NATIONAL CITY, CITY OF

MANICE

SAN DIEGO, CITY OF

060293

D60095

1911

Notice to User. The Map Number shown below should, be used. when placing map orders; the Community Number shows above should be used on insurance applications for the subject MAP NUMBER



MAP REVISED MAY 16, 2012

06073C1911G

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NGS Information Services NOAA, N/NGS12 National Goodelic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

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LEGEND

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ZONE A No Base Flood Equations determined.

ZONE AE Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths. determined. For areas of alluviar fan flooding, velocities also determined.

> a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

Special Flood Hazard Area formerly protected from the 1% annual chance flood by

ZONE A99 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.

Coastal flood zone with velocity hazard (wave action), base Flood elevations

Coastal Food zone with velocity hazard (wave action); no Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent Poodglain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Ardos of 0.2% annual chance flood, arous of 1% annual chance flood with average depths of less than I foot or with drainage areas less than I square nille; and areas protected by levers from 1% annual chance food.

OTHER AREAS

~~ 513 ~~~

Areas determined to be pultide the 0.2% annual chance floodplain Areas in which food hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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1% annual chance floodplain boundary 0.2% arriual chance floodplain boundary.

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Boundary dividing Special Flood Hazard Area Zones and

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Base Flood Elevation value where uniform within zone; elevation (EL 987) Referenced to the North American Vertical Datum of 1988

> Cross section line Transect line

(23)-----(23) 97'07'30", 32'22'30"

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere 1000-meter Universal Transverse Mercator grid ticks, zone 11 5000-foot grid values: California State Plane coordinate system.

6000000 FT Zone VI (FIPSZONE = 406), Lambert projection Bench mark (see explanation in Notes to Users section of this • M1,5

> MAP REPOSITORIES Refer to Map Repositories list on Map Index EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

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PANEL 1912G

FIRM

CALIFORNIA

FLOOD INSURANCE RATE MAP

SAN DIEGO COUNTY,

AND INCORPORATED AREAS

PANEL 1912 OF 2375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINS COVVUNITY

CHULA VISTA, CITY OF NATIONAL CITY, CITY OF SAN DIEGO COUNTY

RAINGE

SAN DEGO. CITY OF

Notice to Lieer The Map Number shown below should be used when placing map orders; Ihn Community Number shown above

060230

000235



06073C1912G MAP REVISED MAY 16, 2012

MAP NUMBER

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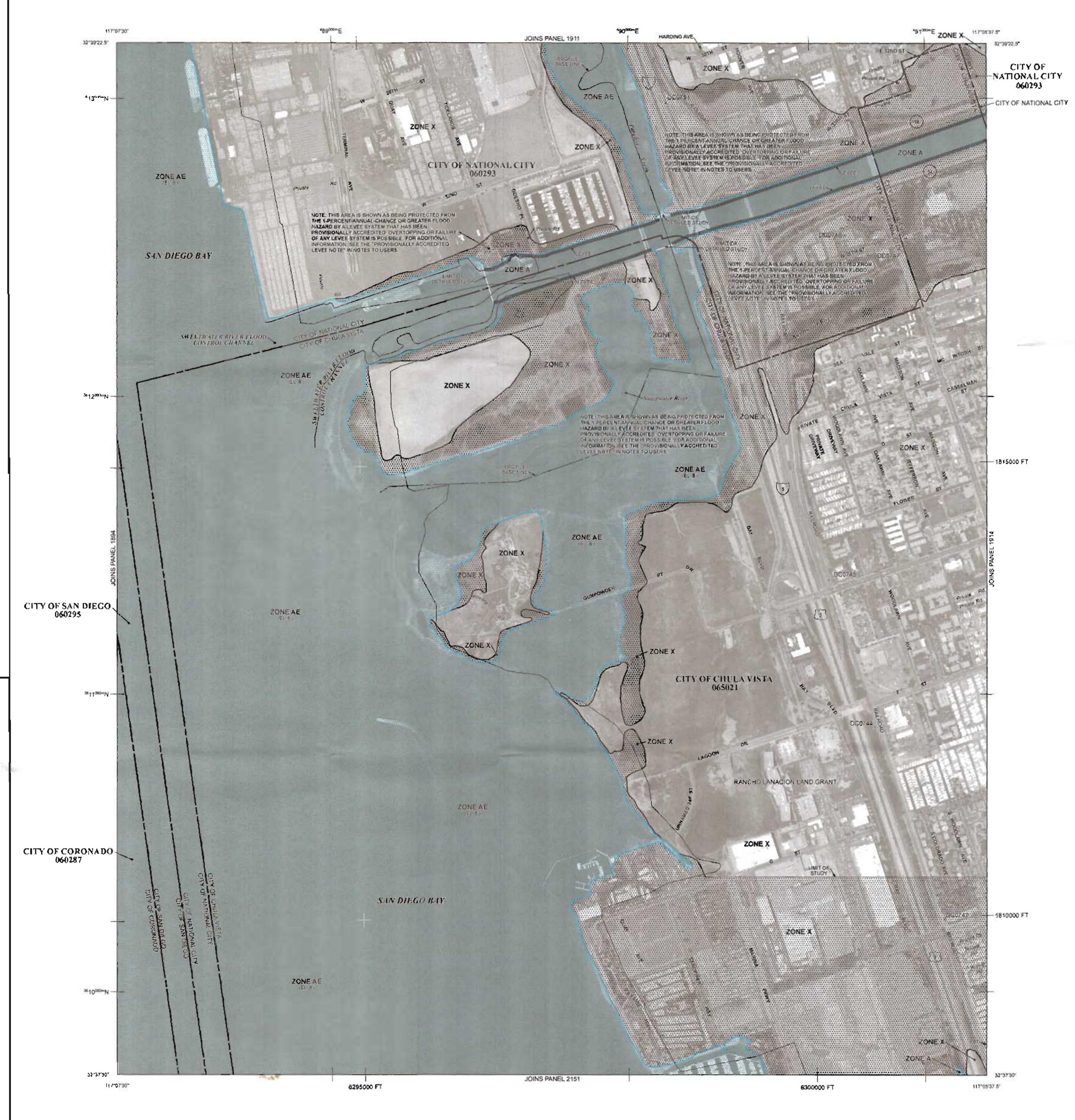
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The "profile base lines" depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the "profile base line", in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Provisionally Accredited levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations by May 16, 2012. If the community or owner does not provide the necessary data and the documentation or if the data and documentation provided indicate the level system does not comply with Section 65.10 requirements, FEMA will revise the food hazard and risk information for this area to reflect de-accreditation of the leves system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/fip/index/.shtm.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE

A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the

1% ANNUAL CHANCE FLOOD The L% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones

ZONE A No Base Pood Elevations determined.

ZONE AE Base Flood Elevations determined.

1% annual chance flood.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

Special Poor Mazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the

ZONE APS Areas to be protected from 1% annual chance food event by a Federal food protection system under construction; no Base Flood Slevations determined.

Coastal floor zone with velocity hazard (wave action); no Base Flood Elevations

Coastal flood zone with velocity hazard (we've action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

1% annual chance or greater flood.

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than I foot or with drainage areas less than I square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floodolain Areas in which flood hazards are undetermined, but possible

COASTAL BARRIER RESOURCES SYSTEM (CORS) AREAS

OTHERWISE PF DTECTED AREAS (OPAs)

CRAS areas and OPAs are normally scated within or adjacent to Special Flood Hazard Areas. 1% annual chance floodplain boundary

0.2% annual chance floodplain boundary Roodway boundary Zona D boundary *************** CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and - boundary dividing Special Rood Hazard Areas of different Base Flood Elevacions, Flood depths, or Flood velocities **~~~** 613 **~~~~** Base Flood Elevation line and value; elevation in foct*

Base Flood Elevation value where uniform within zone; elevation (EL 987) * Referenced to the North American Vertical Docum of 1986

Crosk section line (23)-----(25)

Geographic coordinates referenced to the North American 97"07"90", 32"22'30" Datum of 1963 (NAD 83), Western Hensispheie 4275336MF 1000-nieter Universal Transverse Mercalor grid ticks, zone 11 5000-foot and values: California State Frane coordinate system. 6000000 FT Zone VI (FIPSZONE = 406), Lambert projection

Besich mark (see explanation in Notes to Users section of this DX5510 M1 5 MAP REPOSITORIES Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP June 19, 1997 ENTACTIVE DATE(S) OF REVISION(S) TO THIS PANEL May 16, 2012 - to update corporate limits, to add roads and road names, to incorporate previously

Issued Letters of Map Revision, and to update map elevations to North American Vertical Datum of

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the



PANEL 1913G PROGRAM FIRM FLOOD INSURANCE RATE MAP SAN DIEGO COUNTY, **CALIFORNIA** AND INCORPORATED AREAS PANEL 1913 OF 2375 (SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINS COMMUNITY

> CHULA VISTA CITY OF CORONADO, OTTY OF

NATIONAL CITY, CITY OF SAN DIEGO, DITY OF

(1000)

Notice to User. The Map Number shown below should be used effect placing map orders, the Community Number shown above

000287

990295

1813 000290 1917 G

1913



MAP NUMBER 06073C1913G MAP REVISED MAY 16, 2012

This map is for use in administering the National Flood Insurance Program, it does not necessarily identify all areas subject to flooding, perticularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood nazard information

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposas only and should not be used as the sole source of flood exevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or hoodplain management

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0" North American Vertical Datum of 1988 (NAVD 68). Users of this FIRM should be awere that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations lable should be used for construction and/or Roodplain management purposes when they are higher than the elevations shown on this FIRM

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway Wolfis and other pertinent floodway data are provided in the Flood Insurance Study report for this larisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures Refer to Section 2.4 'Flood Protection Measures' of the Flood Insurance Study report for information on flood control structures for this jurisdiction

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) Zone 11 The horizontal datum was NAD83, GRS1980 spheroid. Differences in datum, spheroxi, projection or UTM zones used in the production of FIRMs for adjacent juristrictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy. of this FIRM

Flood elevations on trils map are referenced to the North American Vertical Datum of 1966. These food elevations must be compared to structure and ground elevations. referenced to the same vertical datum. For information regarding conversion between the Nabonal Geogetic Vertical Datum of 1929 and the North American Vartical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.ngaa.gov/ or contact the National Geodetic Survey at the following

NGS Information Services NOAA, N/NGS12 National Geodatic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282

To obtain current elevation, description, and/or location information for bunch marks shown on this map, please contact the information Services Branch of the National Geodetic Survey at (301) 713-3242 or uset its website at http://www.ngs.noaa.gov/.

Base map information shown on this FIRM was provided in digital format by the USDA National Agriculture Imagery Program (NAIP) this information was photogrammetrically compiled at a scale of 1,24,000 from aeral photography dated

This man reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to triese new stream channel configurations. As a result, the Flood Profiles and Floodway Data lables in the Flood Insurance Study report (which contains authomative hydraulic da(a) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have opported after this map was published, map users should contact appropriate community officials to verify current corporate limit locations

Please refer to the separately conted Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is

Contact the FEMA Map Service Center at 1-877-FEMA MAP (1-877-938-2627) for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fgma.gov/

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gowbusiness/nfip/

The "profile base lines" depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the "profile base line" in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Provisionally Accredited levee Notes to Users. Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65,10 of the NFIP regulations by May 16, 2012. If the community or owner does not provide the necessary data and the documentation or if the data and documentation provided indicate the levee system does not comply with Section 65 10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the leves system. To mitigate flood risk in residual risk areas, properly owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on food insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/lip/index/.shtm



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The L% annual chance flood (Lúb-year flood), also known as the base flood, is the flood that a 19% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the

area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard Include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface circulton of the 15% aroual charge flood No Base Flood Exevations determined

Base Flood Elevations determined

Flood depths of 1 to 3 fact (usually areas of ponding), Base Flood Eleventors

determined. For areas of allervial fan flooding, velocities also determined Special Flood Hazard Area formerly protected from the 1% annual chance flood by

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain), average depths

a flood control system that was subsequently decembred. Zone AR indicates that

the former flood control system is being restored to provide protection from the

L% annual change or greater flood Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no ease Flood Bevations determined.

Coastal flood zone with visiocity hazard (wave action), not Base Flood Elevertoris

Coastal Rood zone with velocity hazard (wave action), Buse Rood Elevations

FLOODWAY AREAS IN ZONE AE

The floodyway is the channel of a stream plus any adjacent floodolain areas that must be kept free of encroactiment so that the 1% armual charge flood can be carried without substantial increases in food helphis.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and

OTHER AREAS

ZONE X

Areas determined to be outside the 0.2% annual chance floodplain. ZONE D Areas in which flood resembs are undetermined, but possible.

areas protected by levees from 1% annual chance flood.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBAS areas and CPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% arinual chance flood plain boundary 0.2% armuel chance /loodplays boundary

Floodway boundary Zone D boundary CBRS and OPA boundary Boundary divisting Special Flood Hazard Area Zones and

 boundary dividing Special Flood Hazard Areas of different Base Flood Blevettons, flood depths, or flood valoables ~~~ 673 ~~~ Base Flood Elevation line and value; elevation in feet* Base Rood Elevation value where uniform within 2014; elevation

Referenced to the North American Vertical Datum of 1988 Cross section line

(2)----(2)

97"07"30", 32"22"30"

5000000 F1

DX5510

◆ M1.5

Geographic coordinates referenced to the North American Datum of 1983 (NAO 83), Western Hemisphere 1000-meter Universal Transverse Mercator and todes, zone 11 5000-foot grid values: California State Plane coordinate system, ZONE VI (FIPSZONE = 406), Lambert projection

Bench mark (see explonation in Notes to Users section F[RM panel) Awer Mile MAP REPOSITORIES Refor to Map Repositories Isl on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP EFFECTIVE DATE(6) OF REVISION(6) TO THIS PANEL

May 16 2012 - to update corporate firmits, to add roads and mad names, to incorporate previously ISSUED Letters of Map Revision, and to update map elevations to North American Vertical Dalum of

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction

To determine if flood insurance is available in this community, contact your insurance agent or call the National Rood Insurance Program at 1-800-638-6620



PANEL 1914G FLOOD INSURANCE RATE MAP SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS PANEL 1914 OF 2375 (SEE MAP INDEX FOR FIRM PANEL LAYOUT) <u>contains:</u> COMMUNITY

060203 1914 060284

CHULL VISTA, CITY OF NATIONAL CITY CITY OF SAN DIEGO COUNTY

Mailor to User. The Map Number allows below should be used when placing map orders, the Community Mulabor shown about



MAP REVISED MAY 16, 2012

MAP NUMBER 06073C1914G

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To cotain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FLS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Food Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydrautic considerations with regard to requirements of the National Flood insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction,

Certain areas not in Special Flood Mazard Areas may be protected by flood control. structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) Zone 11 The horizontal datum was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM

Flood elevations on this map are referenced to the North American Vertical Datum of 1968. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodulic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at http://www.ngs.noza.gov/

Base map information shown on this FIRM was provided in digital format by the USDA National Agriculture Imagery Program (NAIP). this information was photogrammetrically compiled at a scale of 1:24,000 from aerial photography dated

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and foodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map

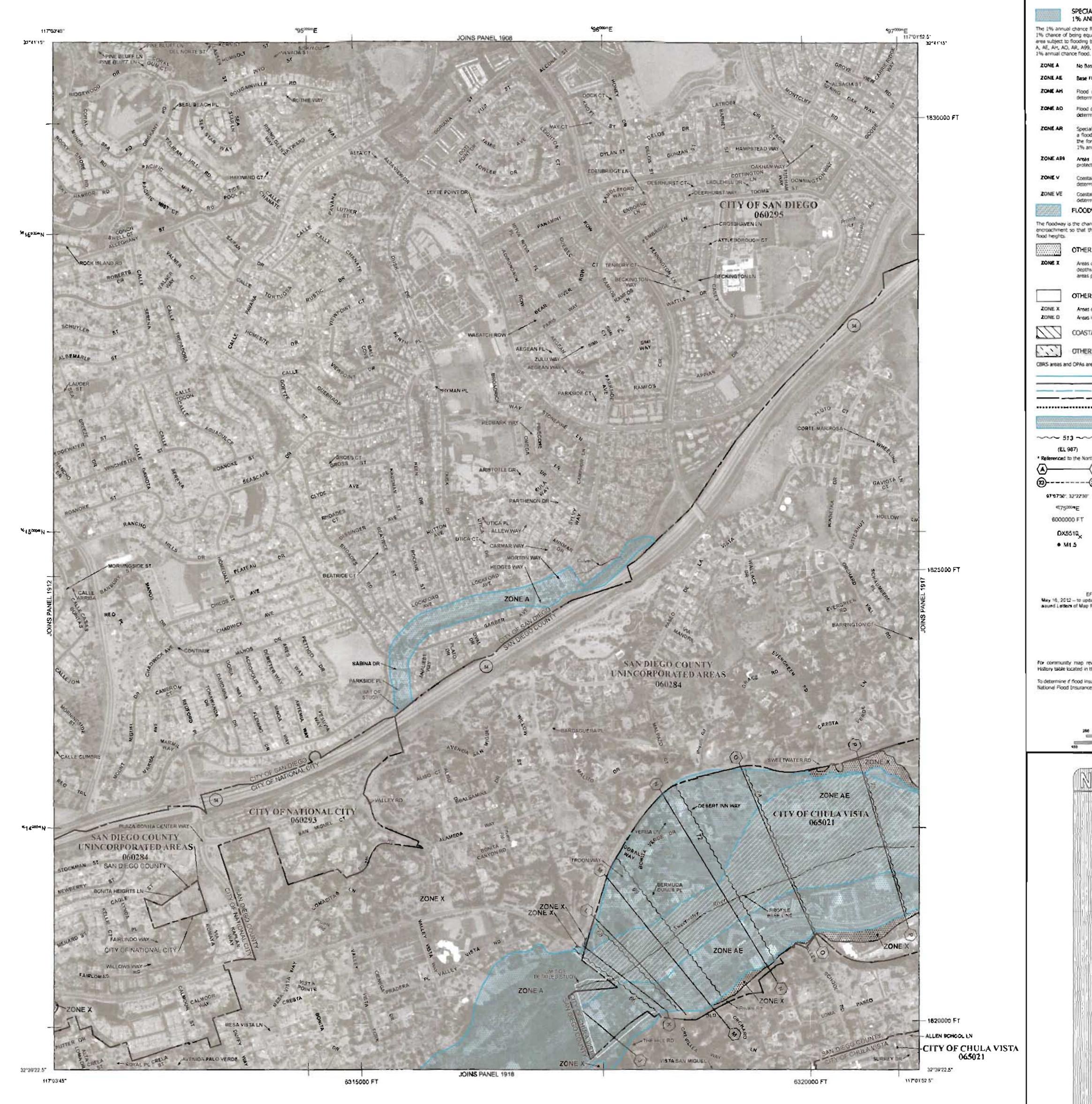
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations

refer to the separately printed Map Index for an everyiew map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is

Contact the FEMA Map Service Center at 1-877-FEMA MAP (1-877-338-2627) for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov/.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip/

The "profile base tines" depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the 'profile base line', in some cases, may deviate significantly from the channel certexline or appear outside the SFHA.



LEGEND

SPECIAL PLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include 20nes A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the

No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

Flood depths of I to 3 feet (usually areas of ponding); Base Flood Elevations

Flood depths of \(\chi\) to 3 feet (usually sheet flow on sloping terrain); average depths

determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decentified. Zone AR indicates that the former flood control system is being restored to provide protection from the

ZONE ARR Areas to be protected from 1% annual chance food event by a Federal flood protection system under construction; no Base Flood Elevations determined.

Constal flood zone with velocity hazard (wave action); no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

1% annual chance or greater flood.

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance food can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floodplain. Areas in which food hazards are undetermined, but possible.

areas protected by levees from 1% annual chance flood.

COASTAL BARRIER RESOURCES SYSTEM (CORS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

0.2% annual chance floodplain boundary Floodway boundary Zone D boundary

*************** CBRS and OPA boundary Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevetions, flood depths, or flood velocities

~~~ 513 ~~~ Base Flood Elevation line and value; elevation in feet\* Base Flood Elevation value where uniform within zone; elevation Referenced to the North American Vertical Datum of 1986

Cross section line (z)----(z)

Geographic coordinates referenced to the North American 97'07'32", 32'72'30"

• M1.5

Datum of 1983 (NAD 83), Western Herrisphere 4750004E 1000-meter Universal Transverse Mercator grid ticks, Jone 11 5000-foot gnd values: California State Plane coordinate system, 6000000 FT

Zone VI (FIPSZONE = 406), Lambert projection Bench mark (see explanation in Notes to Users section of this FIRM panel)

> WAP REPOSITORIES Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP June 19, 1997

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL May 16, 2012 - to update corporate limits, to add roads and road natties, to incorporate previously assed Latters of Map Revision, and to update map elevations to North American Vertical Datum of

For community map revision history prior to countywide mapping, refer to the Community Map

History table located in the Flood Insurance Study report for this juriedation. To determine if flood insurance is available in this community, contact your insurance agent or call the



PANEL 1916G

**FIRM** 

FLOOD INSURANCE RATE MAP SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 1916 OF 2375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS CHULA VISTA CITY DE

NATIONAL CITY, CITY OF 060293 1916 SAN DIEGO COUNTY 060284 1916 BAN DIEGO, CITY OF 080295 1916

Notice to User. The Map Number shows below should be used when placing map orders; the Community humber shown above should be used on insurance applications for the subject



06073C1916G MAP REVISED MAY 16, 2012

MAP NUMBER