

MEETING DATE: 10/21/2025

ITEM NO: 9

ADDENDUM

DATE: October 20, 2025

TO: Mayor and Town Council

FROM: Chris Constantin, Town Manager

SUBJECT: Consider a Recommendation by the Planning Commission and Introduce an

Ordinance to Repeal and Replace Town Code Chapter 29, Article IX, "Floodplain Management," In its Entirety, and Adopt the Updated Flood

Hazard Maps.

<u>Ordinance Title</u>: An Ordinance of the Town Council of the Town of Los Gatos

Amending the Town Code to Repeal Town Code Chapter 29, Article IX, "Floodplain Management," and Replace it with a New Chapter 29, Article IX, "Floodplain Management," in its Entirety, Including Adoption of Updated

Flood Hazard Maps.

#### **REMARKS**:

Attachment 3 contains the Flood Hazard Maps.

#### Attachments Received with the Staff Report:

- 1. Draft Floodplain Ordinance
- 2. Verbatim Meeting Minutes of Planning Commission September 24, 2025

#### Attachments Received with this Addendum:

3. Flood Hazard Maps

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 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 purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations 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 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 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 10. 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 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 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

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**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 2009.

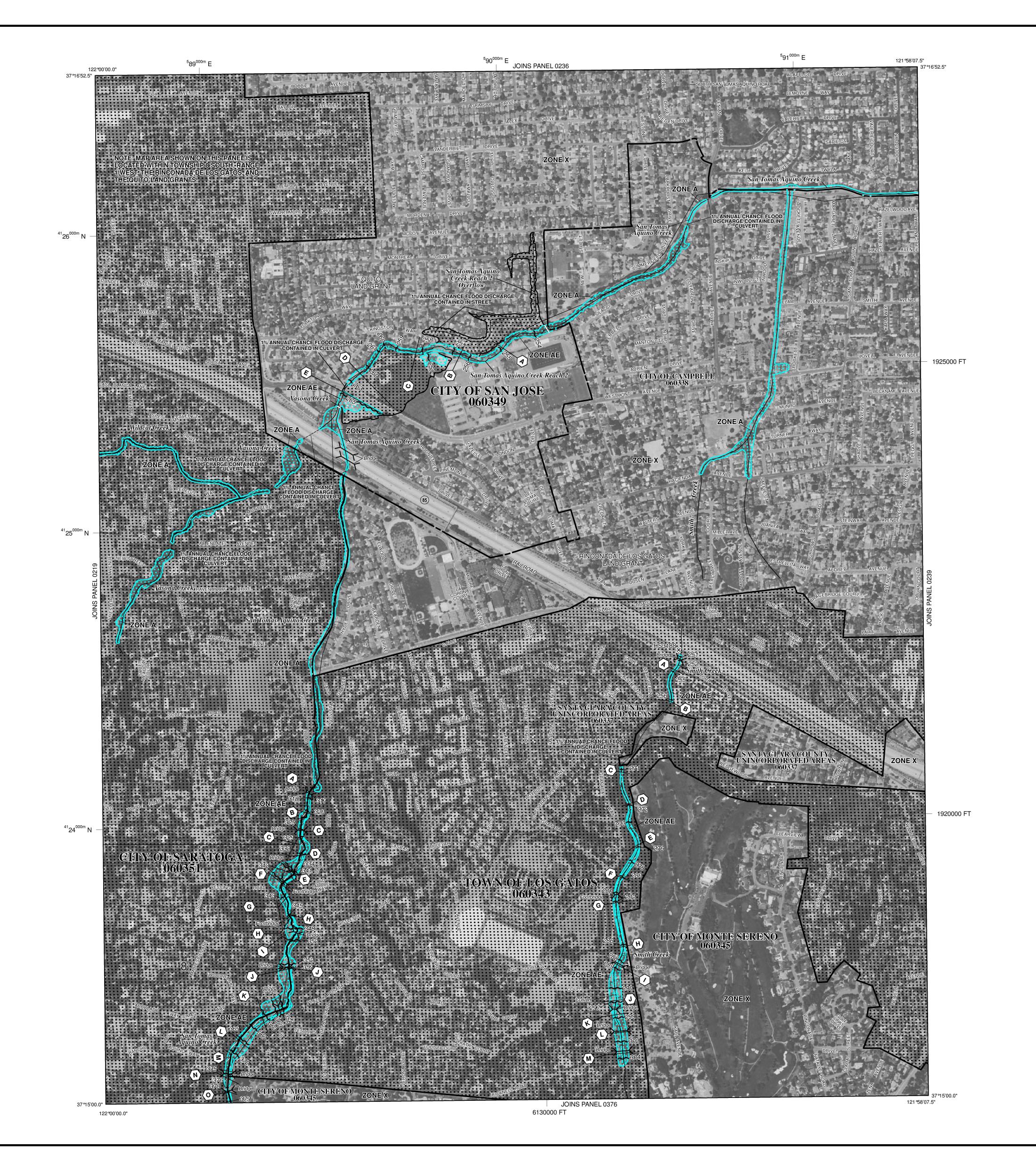
This map may reflect more detailed or up to date stream channel configurations than those shown on the previous FIRM. The floodplains and floodways that were

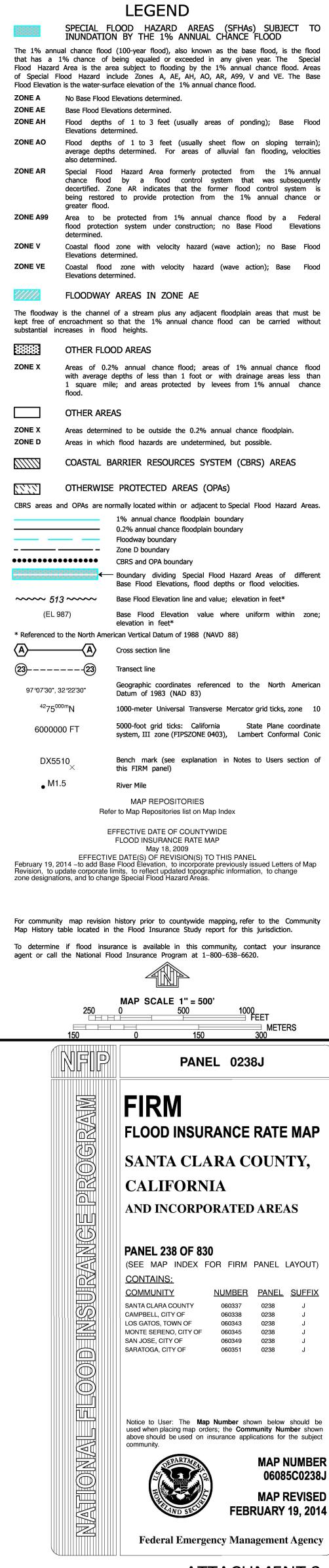
than those shown on the previous FIRM. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations and improved topographic data. The profile baselines depicted on this map represent the hydraulic modeling baselines that match the flood profiles and Floodway Data Tables if applicable, in the FIS report. As a result, the profile baselines may deviate significantly from the new base map channel representation and may appear outside of the floodplain.

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For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the **FEMA Map Service Center** website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the **FEMA Map Service Center** website or by calling the FEMA Map Information eXchange.





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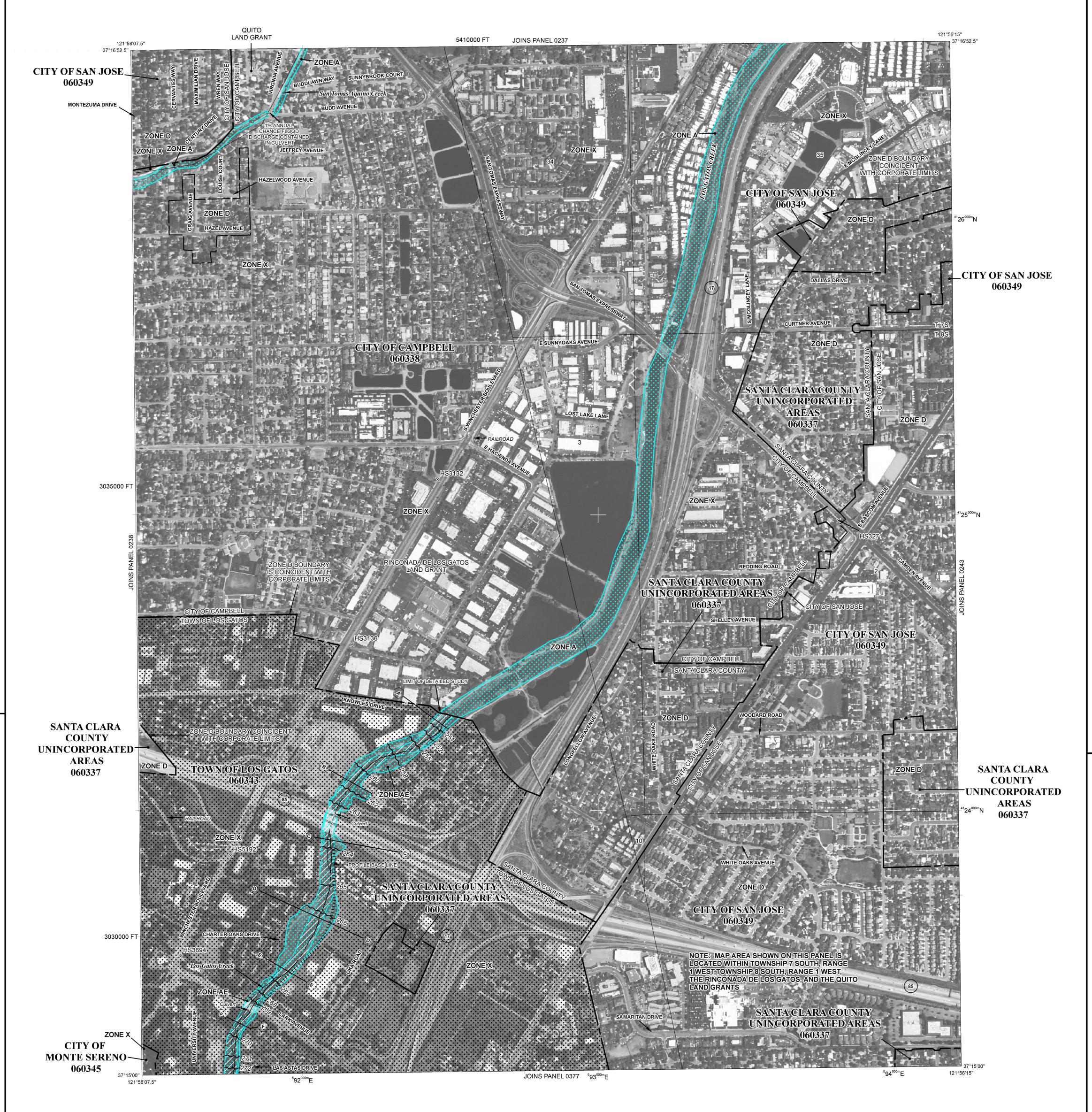
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## **LEGEND**

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

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

The 1% annual 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

No Base Flood Elevations determined.

elevation of the 1% annual chance flood.

Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

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

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.

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations

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

Elevations determined 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 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 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. ZONE X 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 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 line and value; elevation in feet\* ~~~ 513 ~~~ Base Flood Elevation value where uniform within zone; elevation

\* Referenced to the North American Vertical Datum of 1988

Cross section line (23)----(23) Transect line

Geographic coordinates referenced to the North American 87°07'45", 32°22'30" Datum of 1983 (NAD 83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone

600000 FT 5000-foot grid ticks: California State Plane coordinate

Bench mark (see explanation in Notes to Users section of this DX5510 x

● M1.5

MAP REPOSITORY Refer to listing of Map Repositories on Map Index

FLOOD INSURANCE RATE MAP May 18, 2009 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

EFFECTIVE DATE OF COUNTYWIDE

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 Flood Insurance Program at 1-800-638-6620.



PANEL 0239H **FIRM** 

FLOOD INSURANCE RATE MAP

SANTA CLARA COUNTY, **CALIFORNIA** 

PANEL 239 OF 830 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

AND INCORPORATED AREAS

CONTAINS:

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CAMPBELL, CITY OF

0239 0239 0239 0239 0239 LOS GATOS, TOWN OF MONTE SERENO, CITY OF 060343 060345 SAN JOSE, CITY OF SANTA CLARA COUNTY 060349 060337

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



MAP NUMBER 06085C0239H **EFFECTIVE DATE** 

MAY 18, 2009

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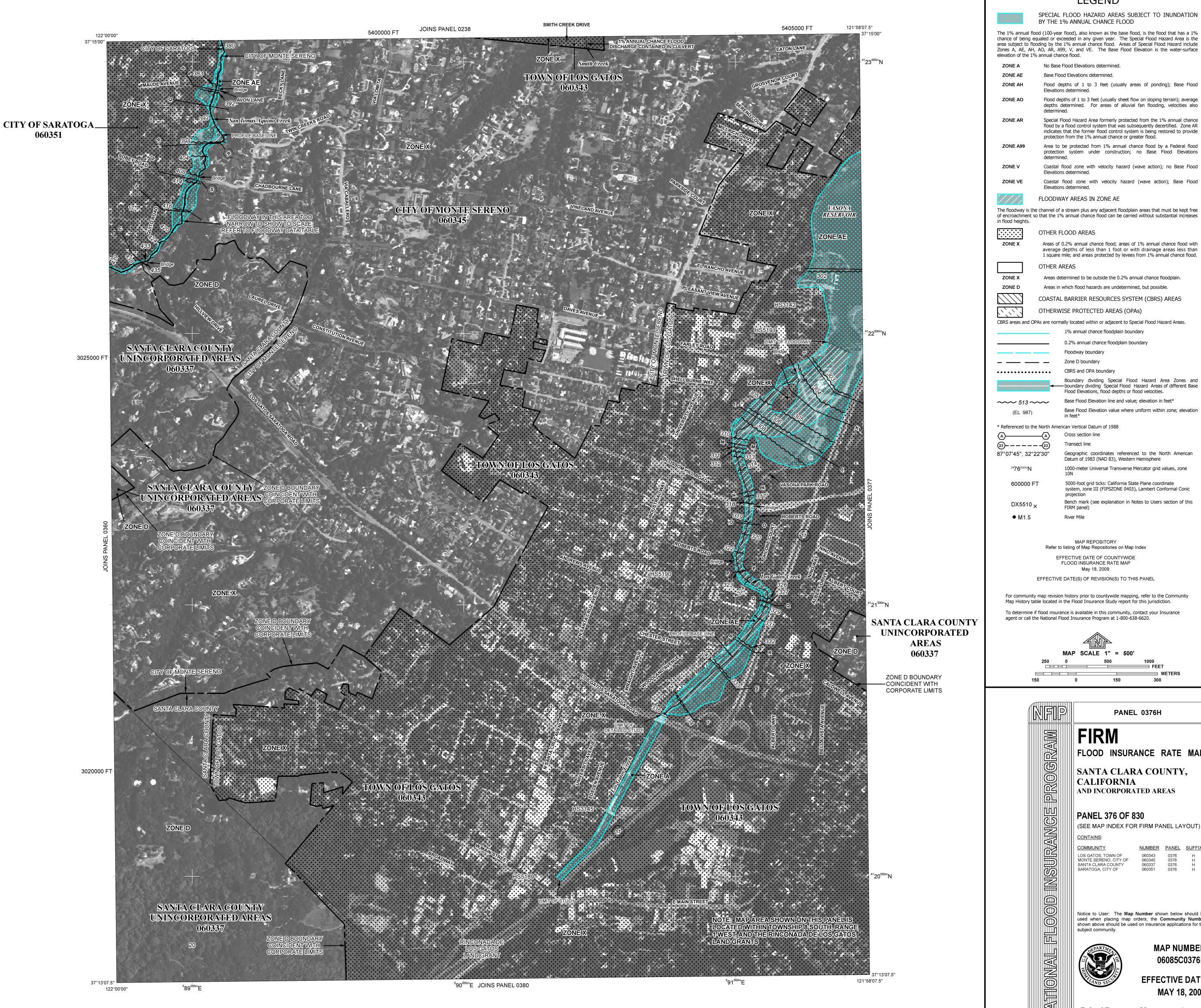
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## **LEGEND**

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

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Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations

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

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

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

ZONE X 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

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 line and value; elevation in feet\*

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River Mile

M1.5

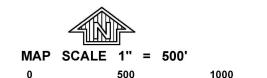
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# PANEL 0376H **FIRM** SANTA CLARA COUNTY, **CONTAINS**: LOS GATOS, TOWN OF MONTE SERENO, CITY OF SANTA CLARA COUNTY SARATOGA, CITY OF 置

ATTONNAL

FLOOD INSURANCE RATE MAP

**CALIFORNIA** AND INCORPORATED AREAS

PANEL 376 OF 830

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

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MAP NUMBER 06085C0376H

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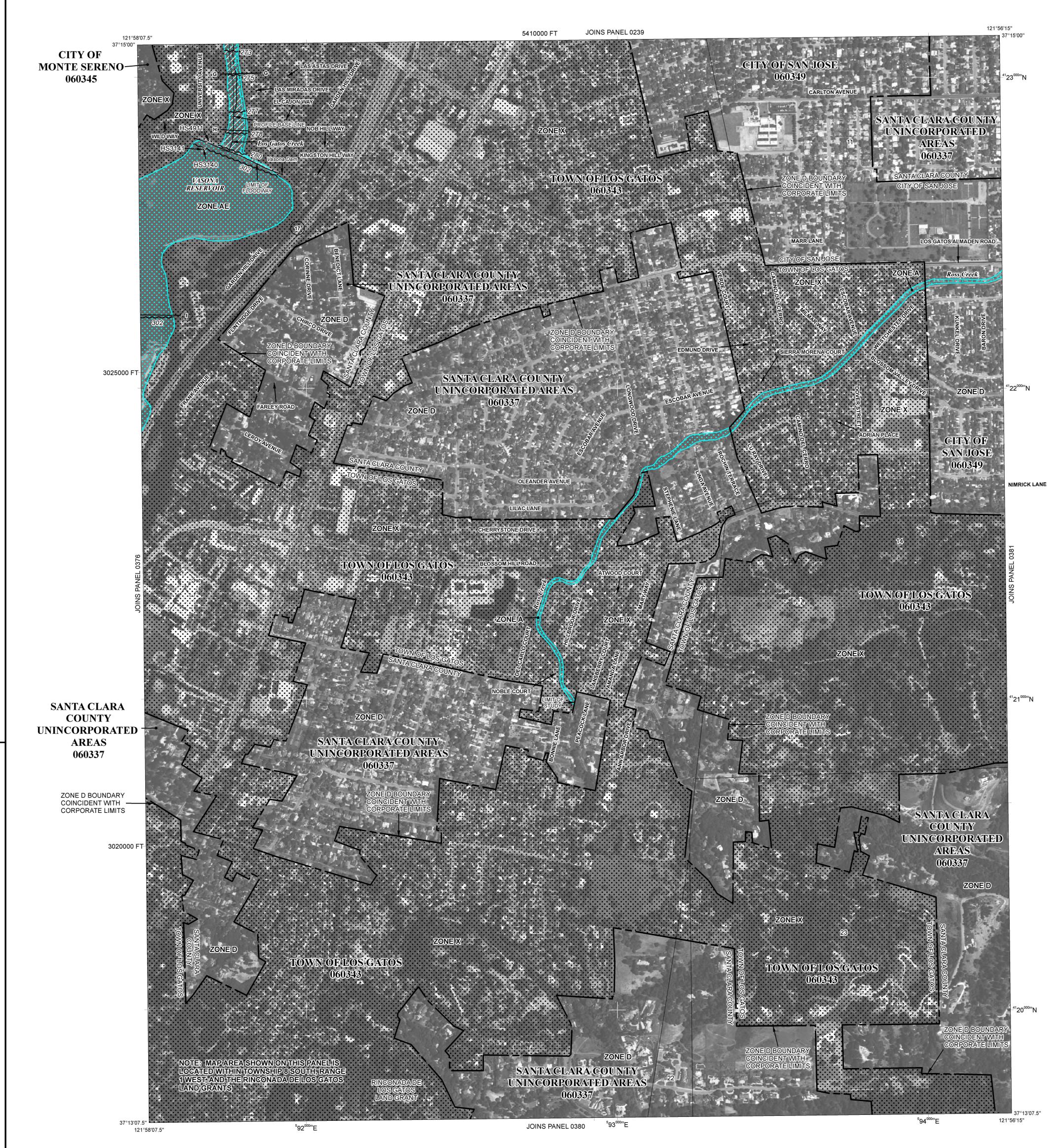
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OTHER FLOOD AREAS

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.

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

Base Flood Elevation value where uniform within zone; elevation

\* Referenced to the North American Vertical Datum of 1988

Cross section line

(23)----(23) Transect line

Geographic coordinates referenced to the North American 87°07'45", 32°22'30" Datum of 1983 (NAD 83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone

5000-foot grid ticks: California State Plane coordinate

Bench mark (see explanation in Notes to Users section of this DX5510 x FIRM panel)

600000 FT

● M1.5

MAP REPOSITORY Refer to listing of Map Repositories on Map Index EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

May 18, 2009 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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 Flood Insurance Program at 1-800-638-6620.



PANEL 0377H

**FIRM** FLOOD INSURANCE RATE MAP

SANTA CLARA COUNTY, **CALIFORNIA** AND INCORPORATED AREAS

PANEL 377 OF 830

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS**:

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LOS GATOS, TOWN OF MONTE SERENO, CITY OF SAN JOSE, CITY OF 060345 SANTA CLARA COUNTY

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



MAP NUMBER 06085C0377H

**EFFECTIVE DATE** MAY 18, 2009

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 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 tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables 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

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 10. The horizontal datum was NAD 83, GRS80 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 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 1988, visit the National Geodetic Survey website at <a href="http://www.ngs.noaa.gov">http://www.ngs.noaa.gov</a> 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

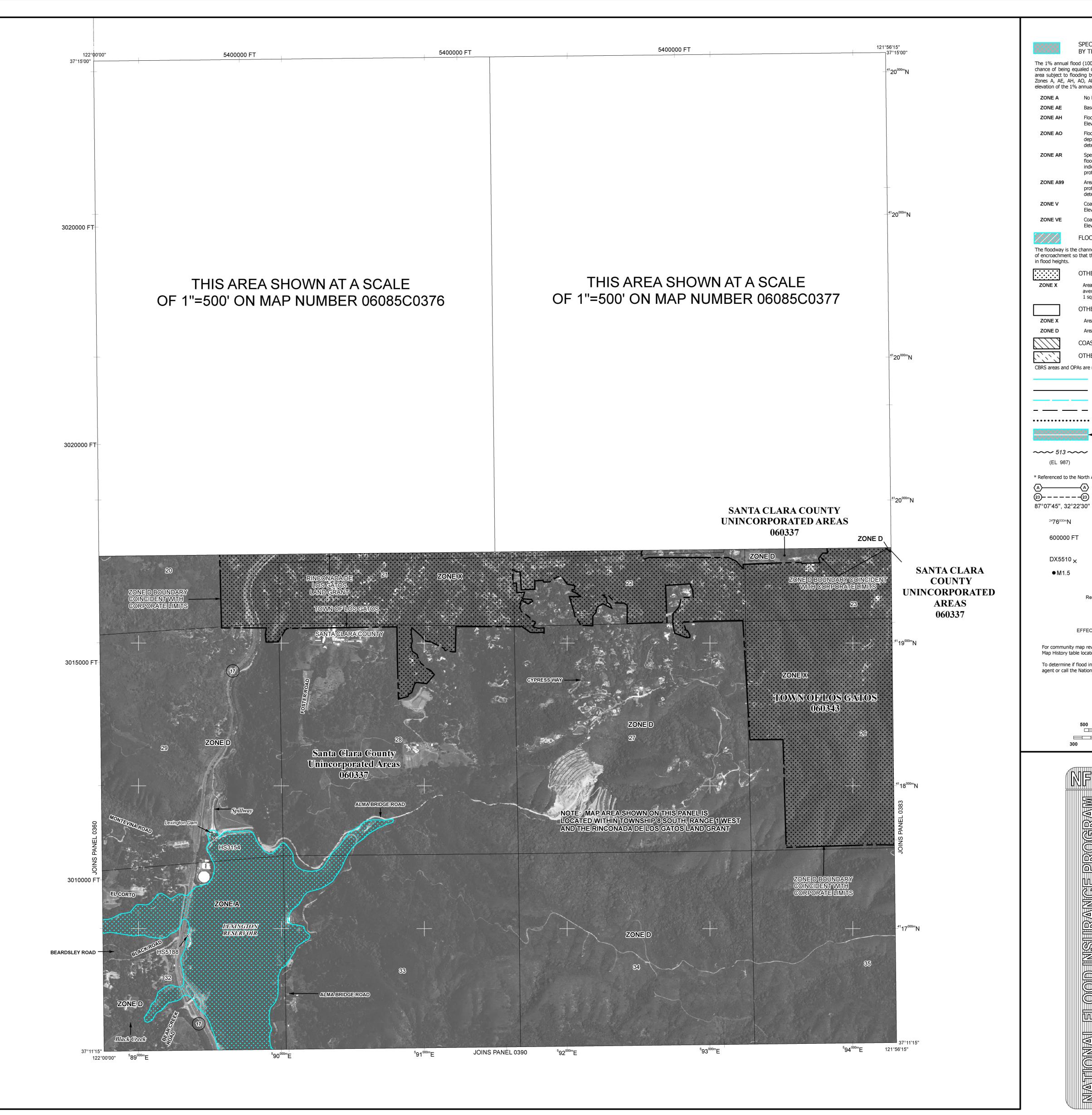
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, 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.

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Contact the FEMA Map Service Center at 1-800-358-9616 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 <a href="http://www.fema.gov">http://www.fema.gov</a>.



#### LEGEND

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

The 1% annual 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

No Base Flood Elevations determined.

elevation of the 1% annual chance flood.

**ZONE AE** Base Flood Elevations determined.

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

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

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.

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

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations

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

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 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 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. ZONE X ZONE D 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 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 line and value; elevation in feet\* ~~~ 513 ~~~

Base Flood Elevation value where uniform within zone; elevation (EL 987)

\* Referenced to the North American Vertical Datum of 1988

Cross section line

(23)----(23) Transect line

Geographic coordinates referenced to the North American 87°07'45", 32°22'30" Datum of 1983 (NAD 83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone

600000 FT 5000-foot grid ticks: California State Plane coordinate

Bench mark (see explanation in Notes to Users section of this DX5510 ~ FIRM panel)

●M1.5

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MAP REPOSITORY Refer to listing of Map Repositories on Map Index EFFECTIVE DATE OF COUNTYWIDE

FLOOD INSURANCE RATE MAP May 18, 2009

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

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 Flood Insurance Program at 1-800-638-6620.

## PANEL 0380H

# **FIRM**

FLOOD INSURANCE RATE MAP

SANTA CLARA COUNTY, **CALIFORNIA** 

PANEL 380 OF 830

AND INCORPORATED AREAS

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS**: COMMUNITY NUMBER PANEL SUFFIX

060343 060337 0380 0380 LOS GATOS, TOWN OF

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



MAP NUMBER 06085C0380H **EFFECTIVE DATE** 

MAY 18, 2009

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 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 purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations 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 tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables 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

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 10. The horizontal datum was NAD 83, GRS80 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 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 1988, visit the National Geodetic Survey website at <a href="http://www.ngs.noaa.gov">http://www.ngs.noaa.gov</a> 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

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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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SANTA CLARA COUNTY SANTA CLARA COUNTY UNINCORPORATED AREAS UNINCORPORATED AREAS 121°54'22.5" JOINS PANEL 0243 5420000 FT 121°56'15" LOS GATOS ALMADEN ROAD 3025000 F -- TOWN OF LOS GATOS SANTA CLARA COUNTY UNINCORPORATED AREAS NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 8 SOUTH, RANGE WEST, TOWNSHIP 8 SOUTH, RANGE 1 EAST, THE SAN JUAN BAUTISTA, AND THE CANADA DE S CAPITANCILLOS LAND GRANTS TOWN OF LOS GATOS \_CITY OF SAN JOSE 060349 **GUADALUPE MINES ROAD** 121°54'22.5" JOINS PANEL 0383 121°56'15" ZONE X

## **LEGEND**

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

The 1% annual 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

No Base Flood Elevations determined.

Base Flood Elevations determined.

elevation of the 1% annual chance flood.

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

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

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.

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations

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

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

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

ZONE X 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

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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\* Referenced to the North American Vertical Datum of 1988

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Cross section line

(23)----(23) Transect line

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1000-meter Universal Transverse Mercator grid values, zone

600000 FT 5000-foot grid ticks: California State Plane coordinate

Bench mark (see explanation in Notes to Users section of this DX5510 x

● M1.5

MAP REPOSITORY Refer to listing of Map Repositories on Map Index

FLOOD INSURANCE RATE MAP May 18, 2009 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

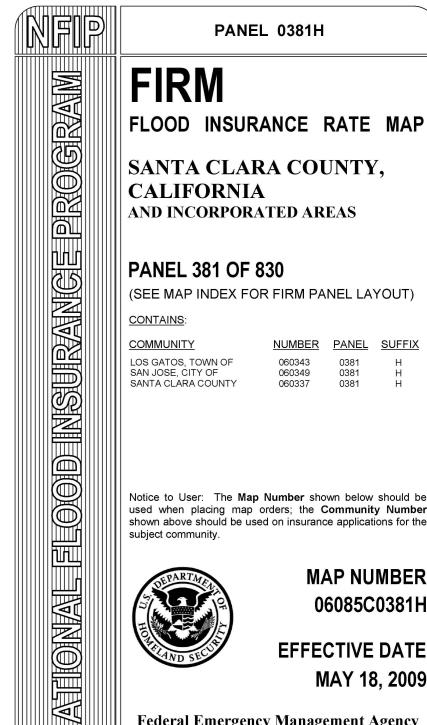
EFFECTIVE DATE OF COUNTYWIDE

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(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

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Federal Emergency Management Agency



MAP NUMBER 06085C0381H **EFFECTIVE DATE** 

MAY 18, 2009

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systems on this map are referenced to the North American Vertical Datum These flood elevations minst be compared to structure and ground is referenced to the same vertical details. For information regarding on between the National Geodetic Vertical Datum of 1928 and the merican Vertical Datum of 1986, with the National Geodetic Survey of 1889 (National Control of 1986) with the National Geodetic Survey of 1889 (National Control of 1986) with the National Geodetic Survey of 1980 (National Control of 1986) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Control of 1980) with the National Geodetic Survey of 1980 (National Contro

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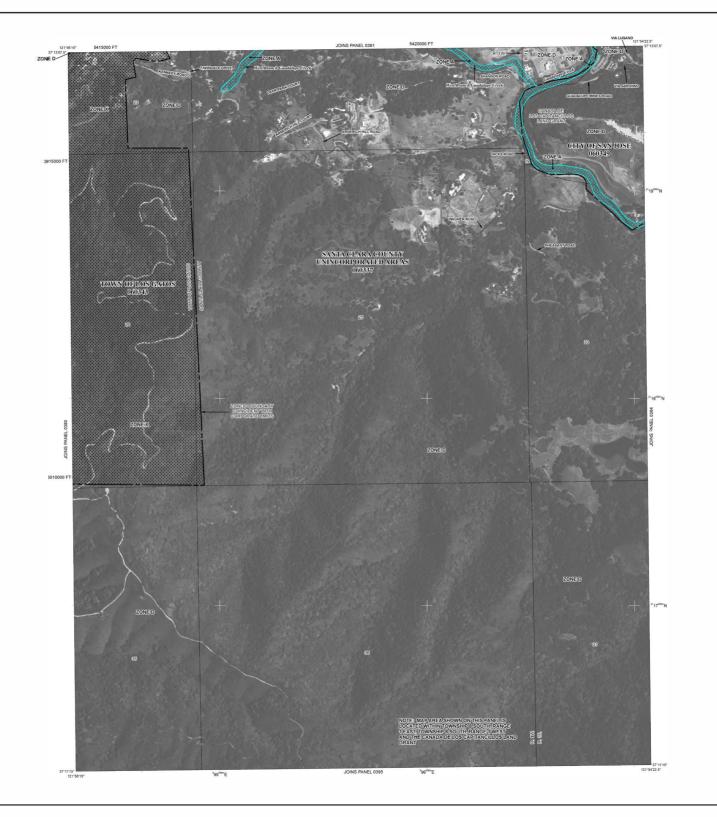
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we questions about this mapor questions concerningthe National Flood a Program in general please call 1-877-FEMA MAP (1-877-336-2627) or FEMA website at <a href="http://www.fema.gov">http://www.fema.gov</a>



#### **LEGEND**

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

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Floor depths of 1 to 3 test (usually areas of possing); the Electron Steamings. Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain), depths determined. For areas o f alluvial fail flooding, velo

Area to be protected from 1% annual chance flood by a Fede protection system under construction; no Base Flood E ZONE AND

Coastal fleed zone with velocity hazzed (wave action), no Be Coastal food rone with security hazant (wese action); Bo ZONE VE

FLOODWAY AREAS IN ZONE AF

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OTHER RICCO AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance fl average depths oil fless than 1 foot or writin drainage private 1 square mile, and areas protected by levees from 1% annual chan

OTHER AREAS Agres determined to be overside the 0.2% agraval change Sociotation

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs) ormally located within or adjacent to Special Road Hazard An

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Zime Discussory BBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zor -boundary dividing Special Flood Hazard Areas of differ Flood Bevelburk, flood destills or flood velocities.

Base Flood Revelion line and value; elevation in fext\* ~~ 513~~~ Base Flood Gevetion value where uniform within 2019; in feet.\*

Cross section line

⊚-----87°07'45". 32°22'30

(EL 987)

Geographic coordinates reframemed to the North Art Debuts of 1983 (NAO 63), Western Homisphere 1000-meter Universal Transverse Mercatur grid values, 2 600000 FT

5000-foot grid ticks: Californi a State Plane coordinate system, zone III (FIPS2ONE 0403), Lambert Conformal projection

Bench mark (see caplanation in Notes to Users section FIRM panel) DX5510 X Siver Mile

• M1.5

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP May 18 2009 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANE

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

MAP SCALE 1" = 500"



#### PANEL 383 OF 830

(SEE MAP INDEX FOR FIRM PANEL L

PANEL 0383H

CONTAINS COMMUNITY

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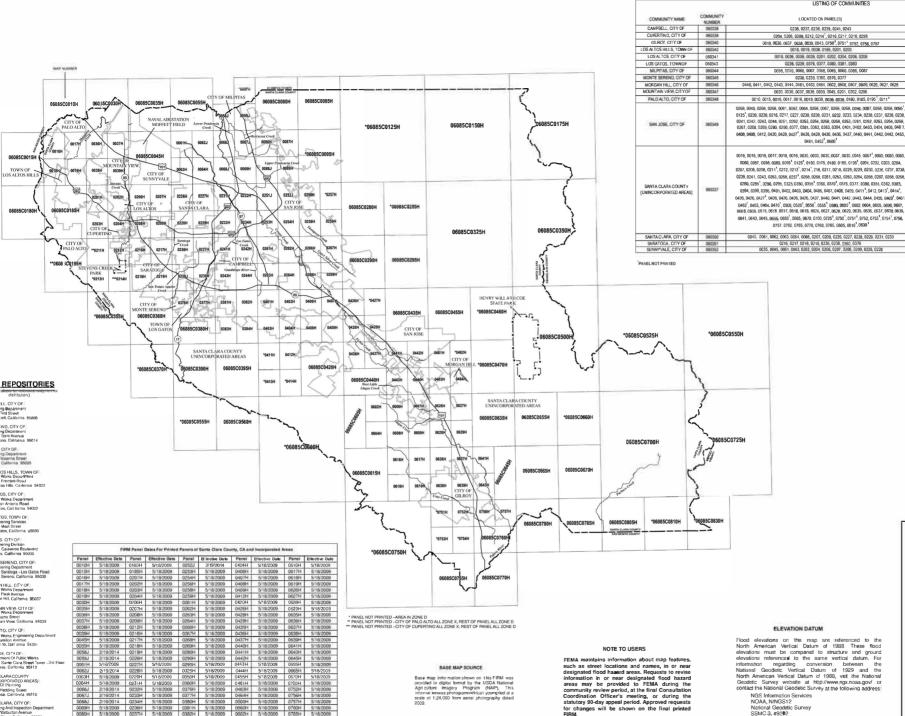
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EFFECTIVI MAY 1

MAP N 06085

Federal Emergency Management



CLARA, CITY OF: ng And Inspection Depar Varburton Avenue Clara, California 95050

GA, CITY OF : ng Department Fruitvale Avenue ga, Cali fornia 95070

ALE, CITY OF ment Of Public Works its Avenue vale, Colfornia 9108

0068J 2/19/2014 0234H 5/18/2009 0380H 5/18/2009 0500H 5/18/2009 0757H

| D009H | 5\*18/2009 | Q043H | 5\*18/2009 | D401H | 5\*18/2009 | D609H | 5\*18/2009 | Q043H | 5\*18/2009 | D402H | 5\*18/2009 | D609H | 5\*18/2009 | D159H | 5\*18/2009 | D402H | 5\*18/2009 | D609H | 5\*18/2009 | D159H | 5\*18/2009 | D609H |

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5/18/2009

NOTE TO USER

INITIAL NEIP MAP INITIAL FIRM DATE MOST RECENT FIRM

| DATE | NITIAL FRIM DATE | PANEL DATE | MAY 31, 1974 | JU NE30,1976 | FEBRUARY 19, 2014 | FEBRUARY 15, 1974 | MAY 1, 1980 | MAY 18, 2009 | MAY 31, 1974 | AUGUST 1, 1980 | MAY 18, 2009 |

MAY 24, 1974 JANUARY 2, 1980 MAY 18, 2009 JUNE 7, 1974 JULY 16, 1980 MAY 18, 2009

FEBRUARY 27, 1976 JANUARY 17, 1979 FEBRUARY 19, 2014

MARCH 22, 1974 JULY 16, 1980 FEBRUARY 19, 2014

MAY 18, 2009 MAY 18, 2009 FEBRUARY 19, 2014

III NE 14 1974 AUGUST 15 1980 MAY 18 2009

JUNE 28, 1974 FEBRUARY 15, 1980

JANUARY 24, 1975

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MAY 31, 1974 Jul NE18, 1960 MAY 18, 2009

AUGUST 2, 1982

AUGUST2, 1982

APRIL 12, 1974 JULY 16, 1980 FEBRUARY 19, 2014 MARCH 22, 1974 JAN UARY 17, 1979 FEBRUARY 19, 2014

MAY 18, 2009

**FEBRUARY 19, 2014** 

FERRILARY 19, 2014

Future revisions to this FIFM Index will only be issued to communifies that are located on FIFM panels being revised. This FIFM Index therefore remains valid for FIRM panels date february 19, 2014 or earlier. Flease refer to the "MOST RECENT FIRM PANEL DATE" column in the Listing of Communifies table to determine the most recent FIFM Index date for each community.

#### MAP DATES

This FIRM I ridex displays the map date for each FIRM panel at the time that his Index was printed. Because this I note may not be displayed to unaffected community as subsequent revisions, users may determine the current map date for each FIRM panel. by widing the problems of the panel by widing the proposed problems of the panel by widing the proposed problems of the problems make from spore by all ingline FEMA Map Information eXchange (FMIX) at 1-877-338-2627.

Communities annexing land on adjacent FI RMpanels must obtain a current copy of the adjacent panel as well as the current FIRM index. These may be ordered directly from the Map Service Center at the website lifeted elevies.



FLOOD INSURANCE RATE MAI SANTA CLARA COUNT

AND INCORPORATED AREA

(SEE LISTING OF COMMUNITIES TABLE

#### MAP INDEX

PANELS PRINTED: 10, 15, 16, 17, 18, 27, 28, 38, 38, 45, 55, 58, 58, 58, 51, 52, 63, 

06085CI MAP REV

MAP NUI

Federal Emergency Management Ag

#### **ELEVATION DATUM**

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. Fo information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.ngaa.gov/ or contact the National Geodetic Survey at the following address

LISTING OF COMMUNITIES

LOCATED ON PANEL (S)

0236, 0237, 0236, 0239, 0241, 0243

0238, 0239, 0360, 0376, 0377

0461, 0462<sup>1</sup>, 0600<sup>1</sup>

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