



# County of Santa Cruz

317

## PLANNING DEPARTMENT

701 OCEAN STREET, 4<sup>TH</sup> FLOOR, SANTA CRUZ, CA 95060  
(831) 454-2580 FAX: (831) 454-2131 TDD: (831) 454-2123

**ALVIN D. JAMES, DIRECTOR**

December 8, 1998

AGENDA: December 15, 1998

Board of Supervisors  
County of Santa Cruz  
701 Ocean Street, Room 500  
Santa Cruz, California 95060

**SUBJECT:       LANDSLIDE   HAZARD   MITIGATION   PROGRAM   AND   GEOLOGIC   HAZARD   ABATEMENT  
                  DISTRICTS**

Members of the Board:

On November 24, 1998 your Board directed the Planning Department to report back on today's agenda with program recommendations related to the Landslide Hazard Mitigation Grant Program.

We have only today received the final grant approval letter from the Governor's Office of Emergency Services (OES) and have had not yet been able to review detailed program requirements. However, we have already discovered several issues which will require further clarification from OES before we can recommend further actions relative to the grant programs.

Nevertheless, without obligating itself to the program requirements from the State, the County can proceed independently with the process to create Geologic Hazard Abatement Districts for completing the acquisition of properties and demolition of structures.

As required by the Public Resources Code, we have attached proposed Resolutions initiating proceedings for the formation of three separate Geologic Hazard Abatement Districts; Corralitos, Mid-County, and Heartwood Hill (Attachments 1, 2 & 3). Associated with each Resolution are three exhibits; a) a Plan of Control - a report describing in detail the geologic hazard, its location and a plan for its mitigation or abatement; b) a map of the proposed District, and: c) a legal description of the boundary of the proposed District.

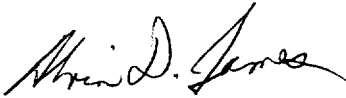
If, after reviewing these documents, your Board determines that the health, safety and welfare require formation of each District, you may adopt the Resolutions setting a public hearing on the matter for January 12, 1999 and directing the required notice thereof. Objections to the formation of the District may be filed by any owner of real property within the proposed District at any time up to and including the time of the public hearing. If owners of more than 50 percent of the assessed valuation of the proposed District object to its formation, your Board must direct that the proceedings be abandoned. If this does not occur, your Board may adopt a resolution ordering the formation of the district and appointing the initial Board of Directors.

It is, therefore, RECOMMENDED that your Board;

**313**

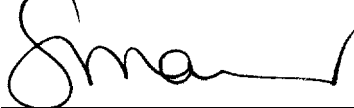
- 1) Adopt the attached Resolutions initiating proceedings for the formation of the Districts and setting public hearings on January 12, 1999 at 9:00 a.m. or thereafter to consider the formation of the Corralitos Geologic Hazard Abatement District, the Mid-County Geologic Hazard Abatement District and the Heartwood Hill Geologic Hazard Abatement District, and;
- 2) Direct the Clerk of the Board to mail appropriate notices to each owner of real property within the proposed District.

Sincerely,



Alvin D. James, AICP  
Planning Director

RECOMMENDED:



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Susan A. Mauriello  
County Administrative Officer.

Attachments: Resolutions with exhibits

CC: County Counsel  
Public Works

BEFORE THE BOARD OF SUPERVISORS  
OF THE COCJNTY OF SANTA CRUZ, STATE OF CALIFORNIA

RESOLUTION NO. \_\_\_\_\_

**319**

On the motion of Supervisor  
Duly seconded by Supervisor  
The following resolution is adopted

RESOLUTION INITIATING PROCEEDINGS FOR THE FORMATION  
OF THE CORRALITOS GEOLOGIC HAZARD ABATEMENT DISTRICT

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WHEREAS, Division 17 of the Public Resources Code for the State of California (Sections 26500 through 26654, inclusive) provides for the establishment of geologic hazard abatement districts and this resolution is made pursuant to said statutory scheme; and

WHEREAS, a geologic hazard abatement district may be formed for the purposes of prevention, mitigation, abatement or control of a geologic hazard, and/or mitigation or abatement of structural hazards that are partly or wholly caused by geologic hazards; and

WHEREAS, the establishment of a geologic hazard abatement district for territory located in the unincorporated area of the County of Santa Cruz is accomplished by actions of the Board of Supervisors to initiate and conduct proceedings and to order the formation of such district; and

WHEREAS, the Board of Supervisors has adopted Resolution No. 385-98 declaring that it is subject to the provisions of Chapter 2 of Division 17 of the Public Resources Code regarding formation of geologic hazard abatement districts and has forwarded a copy of such resolution to the State Controller; and

WHEREAS, Public Resources Code Section 26550.5 provides that proceedings for the formation of a geologic hazard abatement district may be initiated by resolution of the Board of Supervisors; and

WHEREAS, the Board of Supervisors has been presented with and has reviewed the Plan of Control attached hereto as Exhibit 1 A and hereby determines that the health, safety and welfare require formation of such 3 district; and

WHEREAS, the exterior boundaries of the proposed district are described as the composite and consolidated area of all parcels of property more particularly described by a map and a legal description of the boundaries of the territory to be included within the proposed district, copies of which are attached hereto as Exhibits 1 B and 1 C, respectively, and are incorporated herein by reference.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED THAT, pursuant to the provisions of Division 17 of the California Public Resources Code, the Board of Supervisors hereby initiates proceedings for the formation of the Corralitos Geologic Hazard Abatement District;

BE IT FURTHER RESOLVED AND ORDERED that notice is hereby given that on the 12<sup>th</sup> day of January, 1999 at the hour of 9:00 a.m. or thereafter, in the Supervisors Chambers, County Government Center, 70 I Ocean Street, Room 525, Santa Cruz, California, is set as the date, time and place of a public hearing before this Board upon the proposed formation of the Corralitos Geologic Hazard Abatement District at which all interested persons for or against the establishment of the district may appear and present testimony.

BE IT FURTHER RESOLVED AND ORDERED that the Clerk of this Board is hereby directed to mail notice of the hearing by copy of this Resolution by first class, postage prepared, in the United States mail, at least 20 days preceding the date of the public hearing, to each owner of real property within the proposed district as shown on the last equalized County assessment roll, or the State Board of Equalization assessment roll, as the case may be.

The notice shall set forth the time, date, and place of the hearing, briefly describe the purpose thereof, and indicate where the Plan of Control may be reviewed or duplicated, at a cost not to exceed the cost of duplication. The notice shall also specify that objections to the proposed formation may be mailed or otherwise delivered up to and including the time of the hearing to the Office of the Clerk of the Board of Supervisors, County Government Center, 701 Ocean Street, Room 500, Santa Cruz, California.

PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by the following vote:

AYES: SUPERVISOR  
NOES: SUPERVISOR  
ABSENT: SCJPERSVISOR  
ABSTAIN: SUPERVISOR

\_\_\_\_\_  
Chairperson, Board of Supervisors

ATTEST: \_\_\_\_\_  
Clerk of the Board

Approved as to form:

  
\_\_\_\_\_  
County Counsel

Distribution: County Counsel  
Property owners within the district  
Public Works  
Planning Department

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CORRALITOS GEOLOGIC HAZARD ABATEMENT DISTRICT

Exhibit 1A

PLAN OF CONTROL

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1. **INTRODUCTION**

This Plan of Control includes a description of the geologic hazard; its location; the area affected, and; a plan for the abatement of the hazard to structures in the District.

2. **DESCRIPTION OF HAZARD**

The area of Corralitos subject to landsliding caused by the El Nino storms of 1998, include a large slide complex along Amesti Road (Zone 1) and an unrelated landslide on White Road (Zone 2). Landslides caused by severe El Nino rains caused failure of County roadways and severe damage to homes. Structures have been destroyed, severely damaged or are at imminent risk of being destroyed as a result of continued sliding. All structures have been posted as unsafe to occupy and have had Notices of Geologic Hazard recorded on the property title.

The Amesti and White Road slides are a group of slides in the Corralitos area of southern Santa Cruz County. While geographically close, the slides are very different in character.

The Amesti Slide complex is a group of interconnected slides both physically and by the manner of failure. The actively moving portion of one landslide encompasses approximately fifty acres extending 1,500 feet along the toe of the slope on the east side of Corralitos Creek. Ultimate extent of the sliding and related damage will be an ancillary aspect of the work to dewater the slide mass under DSR 98-00 1.

Earthquakes similar to and larger than the Loma Prieta Earthquake have occurred five times in the last century. If any one of the earthquakes occurred now, it would cause landslide movement resulting in significant additional damage to the structures, roadway and utilities. Roadway damage would likely sever emergency response infrastructure, such as water, making fire suppression and other emergency response difficult or impossible in an area of 60 homes.

Recent sliding has affected a large section of dormant paleolandslides causing a series of 10+ acre or larger earthflows or transitional landslides along the modern hill's toe. The initial failures occurred episodically during wet winters in the mid seventies and eighties, but the large scale landsliding did not reoccur until after the Loma Prieta Earthquake. During the 1989 earthquake, a pattern of ground cracks appeared at what was to become the current "pull away" of the main failure.

The Amesti Road landsliding has not reached equilibrium. At a minimum, the current escarpments will continue to fail and will extend the landsliding up slope potentially damaging additional structures and utilities.

The White Road slide is a rotational block slide' approximately 100 feet in diameter which has failed directly beneath the residence located at 609 White Road. The residence has been severely racked and has been posted as unsafe to occupy and a notice of geologic hazard has been recorded on the property title. This slide is situated approximately 200 feet up slope from two other residences. The slope is approximately 30%. There is a high probability that additional sliding would be initiated by the onset of heavy winter rains.

The slide also destroyed approximately 100 lineal feet of the County roadway. It is likely that the head scarp will continue to migrate up slope with the onset of rains.

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3. **LOCATION OF THE HAZARDS AND AFFECTED AREAS**

The location of the hazards are;

Zone 1 - in the Corralitos area of southern Santa Cruz County along the western side of Amesti Road at approximately Mile 2.5 through 2.8.

Zone 2 - in the Corralitos area of southern Santa Cruz County at address 609 White Road

4. **PLAN FOR ABATEMENT OF HAZARD**

By acquiring these properties, and demolishing structures, the threat to public safety from continued slide movement will be minimized. In addition, County acquisition of these sites will support and expedite repair of the adjoining public roads being conducted under separate Public Assistance DSRs and not a part of the Landslide HMGP. With completion of the acquisition of these properties, the County will be better able to provide for maintenance of the DSR funded road repairs without the need for coordination with private property owners. In the case of the White Road site, acquisition and demolition of the structure followed by the DSR funded repair of the road failure will mitigate damage to residences immediately downslope from the slide which are highly susceptible to catastrophic damage from this slide.

Demolition will remove all construction features and elements, including foundations where they do not contribute to the stability of the site. Septic tanks will be filled with sand. After demolition, sites will be treated with materials to minimize future erosion.

Properties acquired utilizing Federal Emergency Management Agency Landslide Hazard Mitigation Program funds will be maintained in open space or equivalent uses in perpetuity.

Exhibit 1B

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# Corralitos Project Area

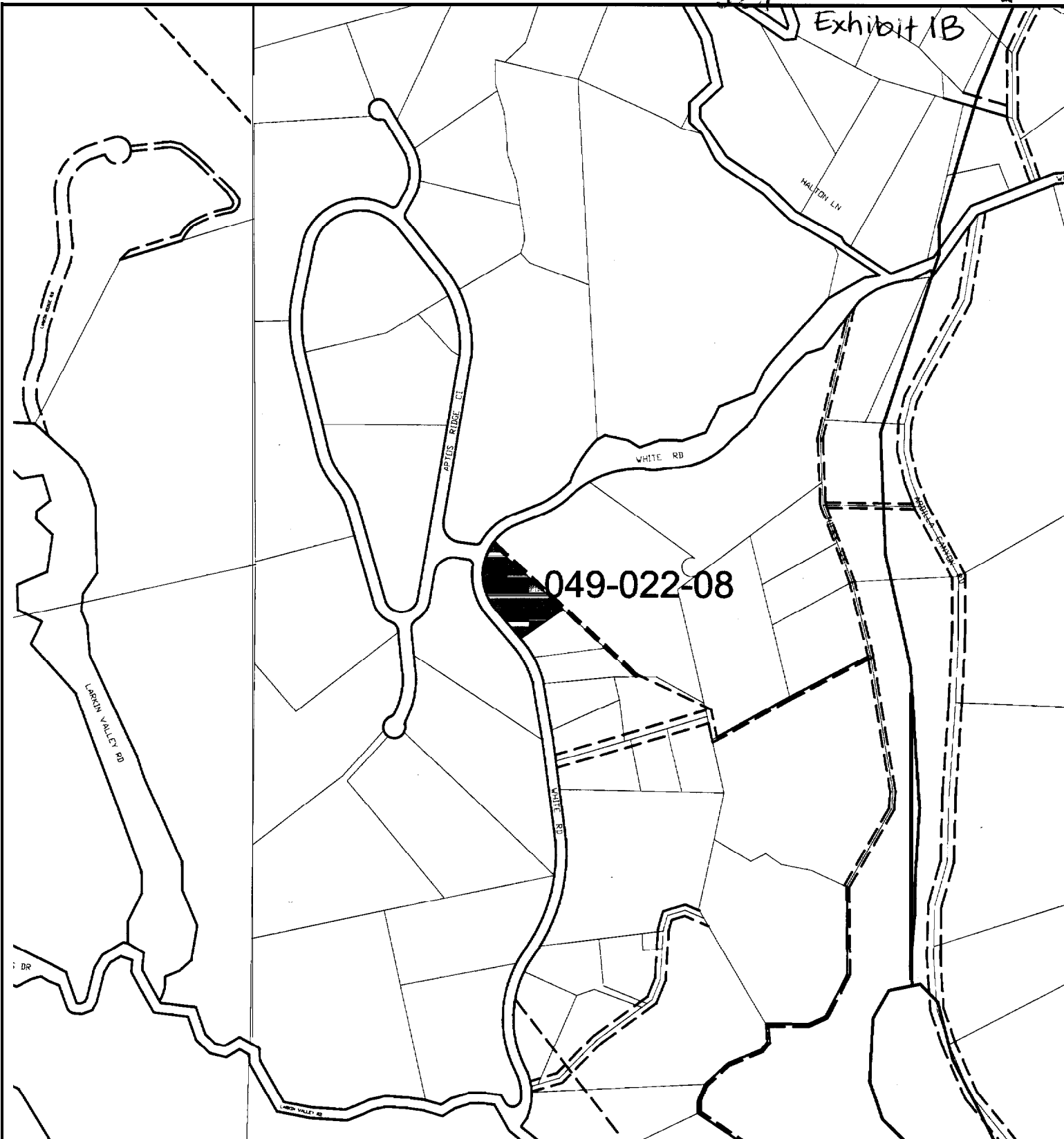
Zone 1  
Amesti Slide Parcels



Vicinity Map



Scale 1"= 500'



# Corralitos Project Area

Zone 2

APN 049-022-08

129-98z3



Vicinity Map



Scale 1"= 500'



**Legal Description of Property  
Included in the  
Corralitos Geologic Hazard Abatement District**

**325**

**ZONE 1 - APNs: 108-371-03, 09, 10, 11, and 12**

SITUATE IN THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA AND BEING A PORTION OF THE RANCHO DE LOS CORRALITOS IN PROJECTED SECTIONS 12 AND 13, TOWNSHIP 11 SOUTH, RANGE 1 EAST, AND SECTIONS 7 AND 18, TOWNSHIP 11 SOUTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN AND DESCRIBED AS FOLLOWS:

BEING THE LANDS OF GAGNE AS DESCRIBED IN GRANT DEED VOLUME 1243 OFFICIAL RECORDS PAGE 120, RECORDED APR 28, 1959, AND “**PARCEL A**” AND “**PARCEL B**” AS SHOWN ON VOLUME 11 OF PARCEL MAPS PAGE 48, RECORDED JUNE 27, 1973, BOTH IN THE OFFICE OF THE SANTA CRUZ COUNTY RECORDER.

**ZONE 2 - APNs: 049-022-08**

SITUATE IN THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA AND BEING A PORTION OF THE SAN ANDREAS RANCHO IN PROJECTED SECTION 22, TOWNSHIP 11 SOUTH, RANGE 1 EAST, MOUNT DIABLO BASE AND MERIDIAN AND DESCRIBED AS FOLLOWS:

BEING THE LANDS OF BROTZ AS DESCRIBED IN GRANT DEED VOLUME 5931 OFFICIAL RECORDS PAGE 634, RECORDED NOV 01, 1996 IN THE OFFICE OF THE SANTA CRUZ COUNTY RECORDER.

BEFORE THE BOARD OF SUPERVISORS  
OF THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA

RESOLUTION NO. \_\_\_\_\_

326

On the motion of Supervisor  
Duly seconded by Supervisor  
The following resolution is adopted

RESOLUTION INITIATING PROCEEDINGS FOR THE FORMATION  
OF THE MID-COUNTY GEOLOGIC HAZARD ABATEMENT DISTRICT

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WHEREAS, Division 17 of the Public Resources Code for the State of California (Sections 26500 through 26654, inclusive) provides for the establishment of geologic hazard abatement districts and this resolution is made pursuant to said statutory scheme; and

WHEREAS, a geologic hazard abatement district may be formed for the purposes of prevention, mitigation, abatement or control of a geologic hazard, and/or mitigation or abatement of structural hazards that are partly or wholly caused by geologic hazards; and

WHEREAS, the establishment of a geologic hazard abatement district for territory located in the unincorporated area of the County of Santa Cruz is accomplished by actions of the Board of Supervisors to initiate and conduct proceedings and to order the formation of such district; and

WHEREAS, the Board of Supervisors has adopted Resolution No. 385-98 declaring that it is subject to the provisions of Chapter 2 of Division 17 of the Public Resources Code regarding formation of geologic hazard abatement districts and has forwarded a copy of such resolution to the State Controller; and

WHEREAS, Public Resources Code Section 26550.5 provides that proceedings for the formation of a geologic hazard abatement district may be initiated by resolution of the Board of Supervisors; and

WHEREAS, the Board of Supervisors has been presented with and has reviewed the Plan of Control attached hereto as Exhibit 2A and hereby determines that the health, safety and welfare require formation of such a district; and

WHEREAS, the exterior boundaries of the proposed district are described as the composite and consolidated area of all parcels of property more particularly described by a map and a legal description of the boundaries of the territory to be included within the proposed district, copies of which are attached hereto as Exhibits 2B and 2C, respectively, and are incorporated herein by reference.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED THAT, pursuant to the provisions of Division 17 of the California Public Resources Code, the Board of Supervisors hereby initiates proceedings for the formation of the Mid-County Geologic Hazard Abatement District;

BE IT FURTHER RESOLVED AND ORDERED that notice is hereby given that on the 12<sup>th</sup> day of January, 1999 at the hour of 9:00 a.m. or thereafter, in the Supervisors' Chambers, County Government Center, 701 Ocean Street, Room 525, Santa Cruz, California, is set as the date, time and place of a public hearing before this Board upon the proposed formation of the Mid-County Geologic Hazard Abatement District at which all interested persons for or against the establishment of the district may appear and present testimony.

BE IT FURTHER RESOLVED AND ORDERED that the Clerk of this Board is hereby directed to mail notice of the hearing by copy of this Resolution by first class, postage prepared, in the United States mail, at least 20 days preceding the date of the public hearing, to each owner of real property within the proposed district as shown on the last equalized County assessment roll, or the State Board of Equalization assessment roll, as the case may be.

The notice shall set forth the time, date, and place of the hearing, briefly describe the purpose thereof, and indicate where the Plan of Control may be reviewed or duplicated, at a cost not to exceed the cost of duplication. The notice shall also specify that objections to the proposed formation may be mailed or otherwise delivered up to and including the time of the hearing to the Office of the Clerk of the Board of Supervisors, County Government Center, 701 Ocean Street, Room 500, Santa Cruz, California.

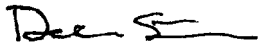
PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by the following vote:

AYES: SUPERVISOR  
NOES: SUPERVISOR  
ABSENT: SUPERVISOR  
ABSTAIN: SUPERVISOR

\_\_\_\_\_  
Chairperson, Board of Supervisors

ATTEST: \_\_\_\_\_  
Clerk of the Board

Approved as to form:

  
\_\_\_\_\_  
County Counsel

Distribution: County Counsel  
Property owners within the district  
Public Works  
Planning Department

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**MIDCOUNTY GEOLOGIC HAZARD ABATEMENT DISTRICT**  
**PLAN OF CONTROL**

**328**

1. **INTRODUCTION**

This Plan of Control includes a description of the geologic hazard; its location; the area affected, and; a plan for the abatement of the hazard to structures in the District.

2. **DESCRIPTION OF HAZARD**

Four parcels in mid-Santa Cruz County were subjected to landsliding caused by the El Nino storms of 1998, include debris flows (Zone 1) and slope failures (Zones 2 & 3). Structures were damaged or destroyed on four of the parcels and all are subject to future risk from slides.

The Zone 1 slide, consists of two parcels (APNs 087-1 1 1-01 & 087-1 1 1-02), impacted by two slides which destroyed the majority of the structure, leaving only one bedroom intact. There is high probability that the remainder of the slide material will continue to fail with the onset of winter rains.

The Zone 2 slide has been affected by a large slide which has moved to within 10 feet of the building's foundation. With the onset of winter rain, there is a high probability that the slide will continue to migrate up slope, undermining the foundation and destroying the structure.

The Zone 3 slide is at 226 Hayward Drive, starts in mid property and has undermined the foundation of the residence. This slide continues under the home after which it reaches the embankment of Valencia Creek, where the scarp is approximately 40 feet in height. With the onset of winter rains, it is highly probable that the structure will fail catastrophically into the creek bed.

3. **LOCATION OF THE HAZARDS AND AFFECTED AREAS**

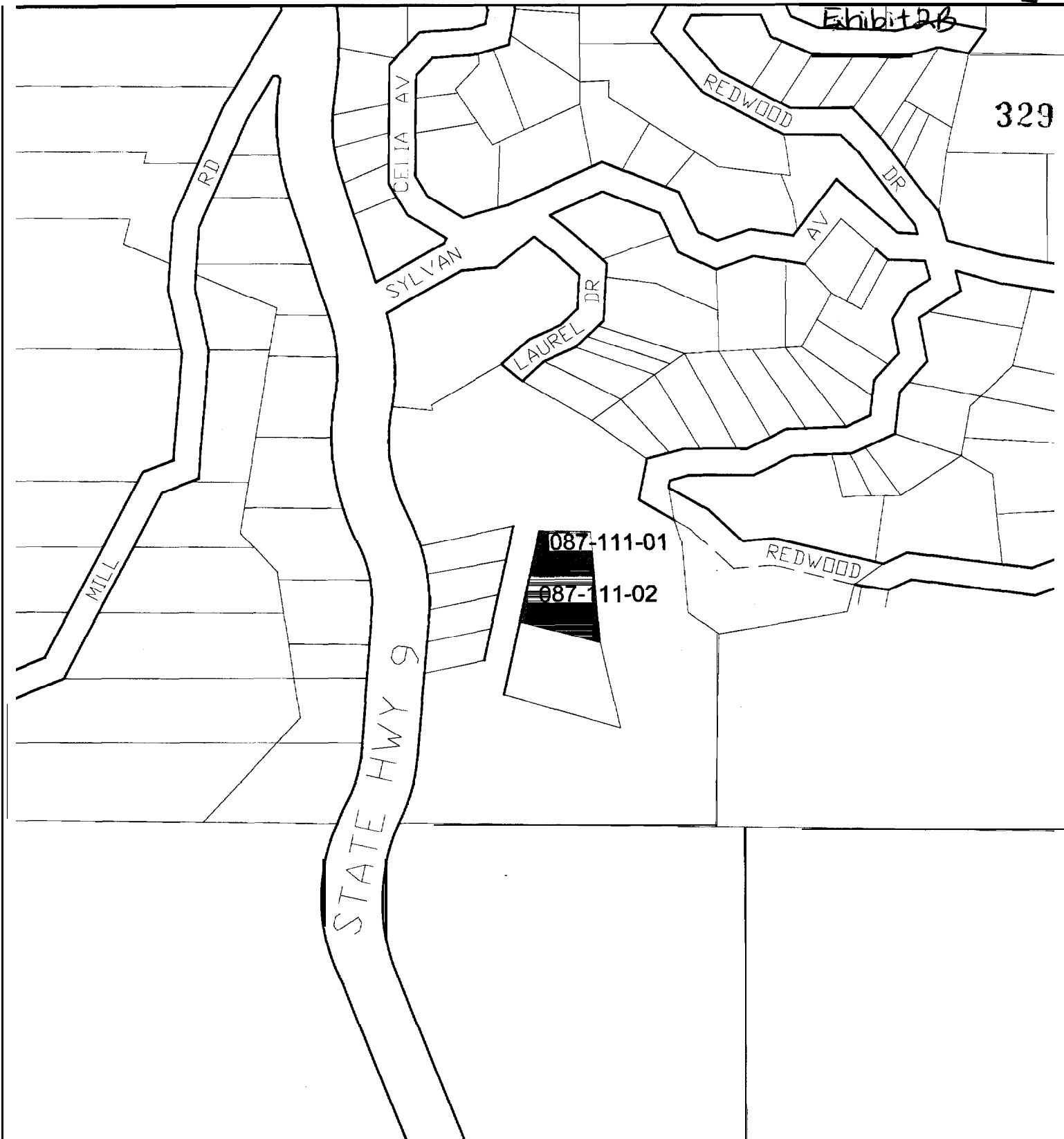
The location of the hazards are; Zone 1 - at 18704 Highway 9 along the eastern side of State Highway 9 in the Boulder Creek area; Zone 2- at 228 Hayward Drive in the Aptos area, and; Zone 3 - at 19320 Hidden Springs Lane in the Boulder Creek area

4. **PLAN FOR ABATEMENT OF HAZARD**

The primary means of abatement will be through demolition of structures at risk from further sliding. Demolition will remove all construction features and elements, including foundations where they do not contribute to the stability of the site. Septic tanks will be filled with sand and all utilities will be removed. After demolition, sites will be treated with materials to minimize future erosion.

Properties acquired utilizing Federal Emergency Management Agency Landslide Hazard Mitigation Program funds will be maintained in open space or equivalent uses in perpetuity.

Exhibit A.B



# Mid-County Project Area

Zone 1

APNs 087-111-01, -02

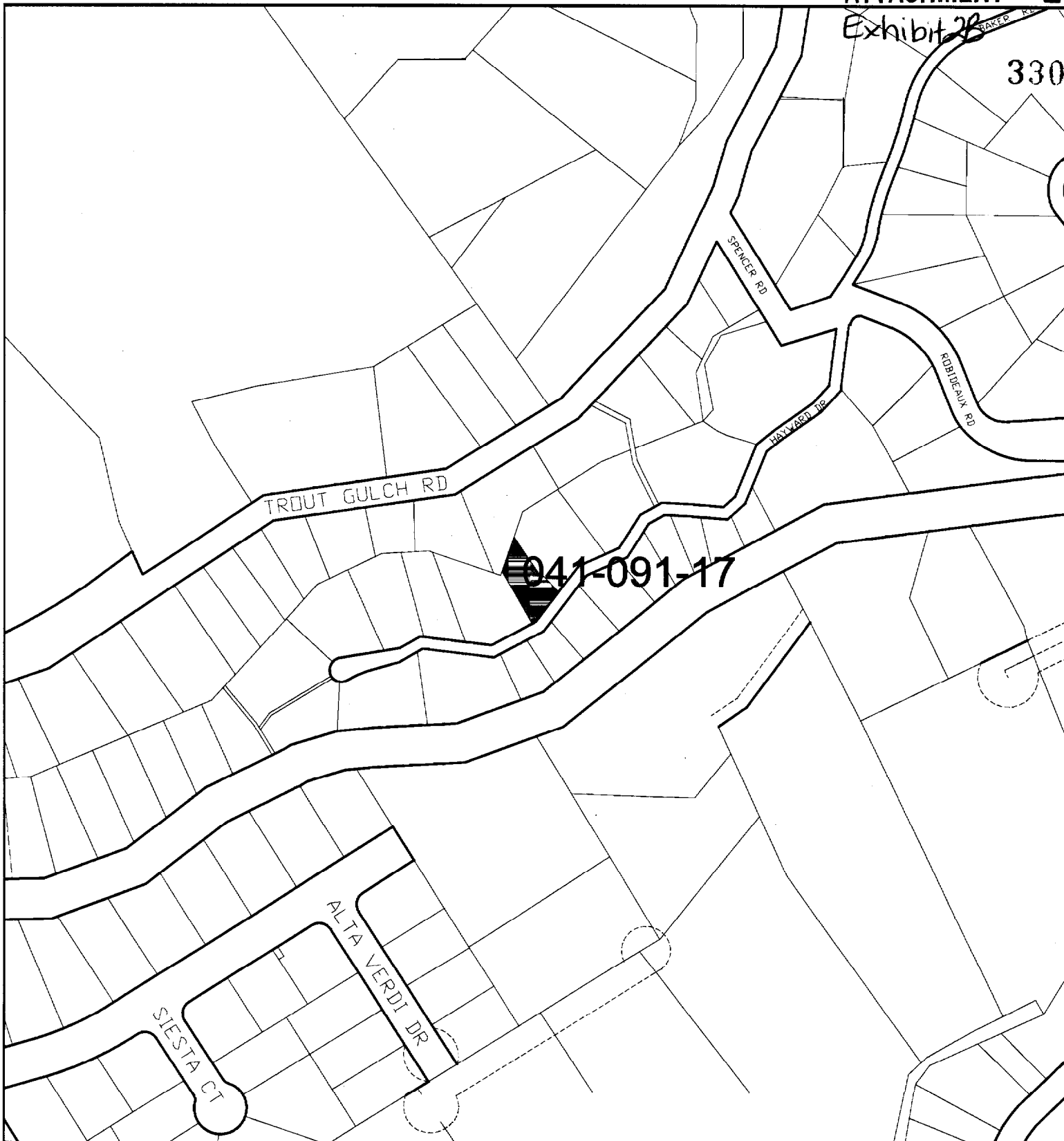


Vicinity Map



Scale 1" = 200'

330



# Mid-County Project Area

Zone 2  
APN 041-091-17

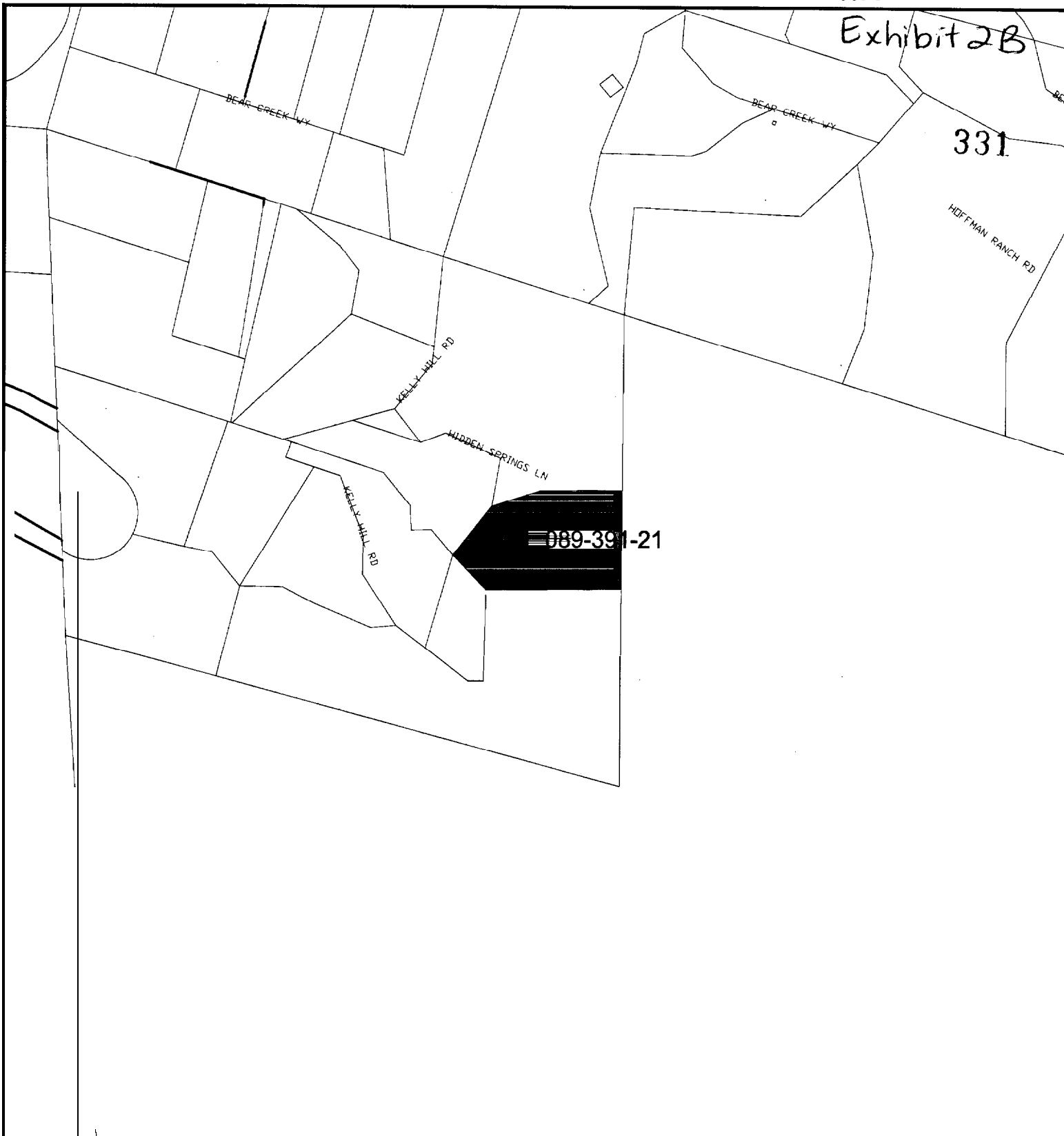


Vicinity Map



Scale 1"= 200'

Exhibit 2B



# Mid-County Project Area

Zone 3

APN 089-391-21



Scale 1" = 400'

**Legal Description of Property  
Included in the  
Mid-County Hazard Abatement District**

**332**

**ZONE 1 - APNs: 087-111-01 and 02**

SITUATE IN THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA AND BEING A PORTION OF SECTION 36, TOWNSHIP 8 SOUTH, RANGE 3 WEST, MOUNT DIABLO BASE AND MERIDIAN AND DESCRIBED AS FOLLOWS:

BEING THOSE TWO PARCELS LABELED AS “**ROBINSON 2294 O.R. 286**” AND “**WIGTON 2070 O.R. 580**” SHOWN ON VOLUME 65 OF MAPS PAGE 65, RECORDED APRIL 18, 1978 IN THE OFFICE OF THE SANTA CRUZ COUNTY RECORDER.

**ZONE 2 - APN: 041-091-17**

SITUATE IN THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA AND BEING A PORTION OF THE APTOS RANCH0 IN PROJECTED SECTION 8, TOWNSHIP 11 SOUTH, RANGE 1 EAST, MOUNT DIABLO BASE AND MERIDIAN AND DESCRIBED AS FOLLOWS:

BEING THE LANDS OF BARRY SCOTT AS DESCRIBED IN GRANT DEED VOLUME 4282 OFFICIAL RECORDS PAGE 755, RECORDED FEB 05, 1988 IN THE OFFICE OF THE SANTA CRUZ COUNTY RECORDER.

**ZONE 3 - APN: 089-391-21**

SITUATE IN THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA AND BEING A PORTION OF SECTION 10, TOWNSHIP 9 SOUTH, RANGE 1 WEST, MOUNT DIABLO BASE AND MERIDIAN AND DESCRIBED AS FOLLOWS:

BEING “**PARCEL ONE**” AS DESCRIBED IN GRANT DEED DOCUMENT NO. 1998-0023611, RECORDED MAY 05, 1998 IN THE OFFICE OF THE SANTA CRUZ COUNTY RECORDER.



BEFORE THE BOARD OF SUPERVISORS  
OF THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA

333

RESOLUTION NO. \_\_\_\_\_

On the motion of Supervisor  
Duly seconded by Supervisor  
The following resolution is adopted

RESOLLJTION INITIATING PROCEEDINGS FOR THE FORMATION  
OF THE HEARTWOOD HILL GEOLOGIC HAZARD ABATEMENT DISTRICT

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WHEREAS, Division 17 of the Public Resources Code for the State of California (Sections 26500 through 26654, inclusive) provides for the establishment of geologic hazard abatement districts and this resolution is made pursuant to said statutory scheme; and

WHEREAS, a geologic hazard abatement district may be formed for the purposes of prevention, mitigation, abatement or control of a geologic hazard, and/or mitigation or abatement of structural hazards that are partly or wholly caused by geologic hazards; and

WHEREAS, the establishment of a geologic hazard abatement district for territory located in the unincorporated area of the County of Santa Cruz is accomplished by actions of the Board of Supervisors to initiate and conduct proceedings and to order the formation of such district; and

WHEREAS, the Board of Supervisors has adopted Resolution No. 385-98 declaring that it is subject to the provisions of Chapter 2 of Division 17 of the Public Resources Code regarding formation of geologic hazard abatement districts and has forwarded a copy of such resolution to the State Controller; and

WHEREAS, Public Resources Code Section 26550.5 provides that proceedings for the formation of a geologic hazard abatement district may be initiated by resolution of the Board of Supervisors; and

WHEREAS, the Board of Supervisors has been presented with and has reviewed the Plan of Control attached hereto as Exhibit 3A and hereby determines that the health, safety and welfare require formation of such a district; and

WHEREAS, the exterior boundaries of the proposed district are described as the composite and consolidated area of all parcels of property more particularly described by a map and a legal description of the boundaries of the territory to be included within the proposed district, copies of which are attached hereto as Exhibits 3B and 3C, respectively, and are incorporated herein by reference.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED THAT, pursuant to the provisions of Division 17 of the California Public Resources Code, the Board of Supervisors hereby initiates proceedings for the formation of the Heartwood Hill Geologic Hazard Abatement District:

BE IT FURTHER RESOLVED AND ORDERED that notice is hereby given that on the 12<sup>th</sup> day of January, 1999 at the hour of 9:00 a.m. or thereafter, in the Supervisors' Chambers, County Government Center, 701 Ocean Street, Room 525, Santa Cruz, California, is set as the date, time and place of a public hearing before this Board upon the proposed formation of the Heartwood Hill Geologic Hazard Abatement District at which all interested persons for or against the establishment of the district may appear and present testimony.

BE IT FURTHER RESOLVED AND ORDERED that the Clerk of this Board is hereby directed to mail notice of the hearing by copy of this Resolution by first class, postage prepared, in the United States mail, at least 20 days preceding the date of the public hearing, to each owner of real property within the proposed district as shown on the last equalized County assessment roll, or the State Board of Equalization assessment roll, as the case may be. 334

The notice shall set forth the time, date, and place of the hearing, briefly describe the purpose thereof, and indicate where the Plan of Control may be reviewed or duplicated, at a cost not to exceed the cost of duplication. The notice shall also specify that objections to the proposed formation may be mailed or otherwise delivered up to and including the time of the hearing to the Office of the Clerk of the Board of Supervisors, County Government Center, 701 Ocean Street, Room 500, Santa Cruz, California.


PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by the following vote:

AYES: SUPERVISOR  
 NOES: SUPERVISOR  
 ABSENT: SUPERVISOR  
 ABSTAIN: SUPERVISOR

\_\_\_\_\_  
 Chairperson, Board of Supervisors

ATTEST: \_\_\_\_\_  
 Clerk of the Board

Approved as to form:

  
 \_\_\_\_\_  
 County Counsel

Distribution: County Counsel  
 Property owners within the district  
 Public Works  
 Planning Department

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**HEARTWOOD HILL GEOLOGIC HAZARD ABATEMENT DISTRICT**  
**PLAN OF CONTROL**

1. **INTRODUCTION**

This Plan of Control includes a description of the geologic hazard; its location; the area affected, and; a plan for the abatement of the hazard to structures in the District.

2. **DESCRIPTION OF HAZARD**

Two parcels on Heartwood Hill Road were subjected to landsliding caused by the El Nino storms of 1998. A repetitively active slide has bifurcated Heartwood Hill Road, isolating six residences. The two residences on the active portion of the slide have been gradually pulled apart as the slide has moved downslope approximately 100 feet. There is a high degree of probability that the slide will continue up slope and eventually threaten Highway 236.

3. **LOCATION OF THE HAZARDS AND AFFECTED AREAS**

The slide affects properties located at 380 & 400 Heartwood Hill Road in the Boulder Creek area of Santa Cruz County.

4. **PLAN FOR ABATEMENT OF HAZARD**

The primary means of abatement will be through demolition of structures at risk from further sliding. Demolition will remove all construction features and elements, including foundations where they do not contribute to the stability of the site. Septic tanks will be filled with sand and all utilities will be removed. After demolition, sites will be treated with materials to minimize future erosion.

Properties acquired utilizing Federal Emergency Management Agency Landslide Hazard Mitigation Program funds will be maintained in open space or equivalent uses in perpetuity.

Exhibit 3B

336

Boulder Cr

STATE HWY 236

086-082-46

086-082-45

STATE HWY 236

# Heartwood Hill Rd Project Area APN's 086-082-45,-46



Vicinity Map



Scale 1"= 500'

**Legal Description of Property  
Included in the  
Heartwood Hill Geologic Hazard Abatement District**

**337**

**HEARTWOOD HILL ROAD, APN: 086-082-45 AND -46**

SITUATE IN THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA AND BEING A PORTION OF SECTION 10, TOWNSHIP 9 SOUTH, RANGE 3 WEST, MOUNT DIABLO BASE AND MERIDIAN AND DESCRIBED AS FOLLOWS:

BEING THE LANDS OF VALDEZ AS DESCRIBED IN GRANT DEED VOLUME 4905 OFFICIAL RECORDS PAGE 906, RECORDED OCT 03, 1991, AND THE LANDS OF ROBERTS AS DESCRIBED IN GRANT DEED VOLUME 5254 OFFICIAL RECORDS PAGE 768, RECORDED MAY 05, 1993, BOTH IN THE OFFICE OF THE SANTA CRUZ COUNTY RECORDER.