

### **Staff Report to the Zoning Administrator**

Application Number: 161363

Applicant: Stephanie Barnes-Castro

Owner: Graham & Nina Burnette

**APN:** 028-212-03

Agenda Date: June 2, 2017

Agenda Item #: 1 Time: After 9:00 a.m.

**Project Description**: Proposal to demolish an existing one story single family dwelling (approx. 1,700 square feet) and to construct a replacement two story single family dwelling (approx. 3,000 square feet) with an attached garage (approx. 600 square feet) on property within the R-1-6 zone district.

**Location**: Property located on the south side of Geoffroy Drive, approximately 75 feet west of the intersection with 16th Avenue. (130 Geoffroy Drive)

Supervisorial District: 1st District (District Supervisor: John Leopold)

Permits Required: Coastal Development Permit

Technical Reviews: Geologic and Soils Report Reviews

#### **Staff Recommendation:**

- Determine that the proposal is exempt from further Environmental Review under the California Environmental Quality Act.
- Approval of Application 161363, based on the attached findings and conditions.

#### **Exhibits**

A. Categorical Exemption (CEQA

determination)

B. Findings

C. Conditions

D. Project plans

E. Assessor's, Location, Zoning and General Plan Maps

F. Comments & Correspondence

#### **Parcel Information**

Parcel Size:

6,649 square feet (plans)

Existing Land Use - Parcel:

Single family residence

Existing Land Use - Surrounding:

Single family residential neighborhood, Pacific Ocean

Project Access:

Geoffroy Drive

County of Santa Cruz Planning Department 701 Ocean Street, 4th Floor, Santa Cruz CA 95060

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Owner: Graham & Nina Burnette

Planning Area:

Live Oak

Land Use Designation:

R-UL (Urban Low Density Residential)

Zone District:

R-1-6 (Single Family Residential - 6,000 square feet

minimum)

Coastal Zone:

X Inside

Appealable to Calif. Coastal Comm. X Yes

Outside No

#### **Environmental Information**

Geologic Hazards:

Coastal rock shelf

Soils:

Report review completed Not a mapped constraint

Fire Hazard: Slopes:

5% at building site

Env. Sen. Habitat:

Not mapped/no physical evidence on site

Grading:

No grading proposed

Tree Removal:

No trees proposed to be removed

Scenic:

Scenic beach viewshed

Drainage:

Drainage plan reviewed by Department of Public Works

Archeology:

Not mapped/no physical evidence on site

#### Services Information

Urban/Rural Services Line:

X Inside \_ Outside

Water Supply:

City of Santa Cruz

Sewage Disposal:

Santa Cruz County Sanitation District

Fire District:

Central Fire Protection District

Drainage District:

Zone 5 Flood Control District

#### **Project Setting**

The project site is located on the south side of Geoffroy Drive, at 130 Geoffroy Drive. The project site is located within a single family residential neighborhood with homes to the north, east, and west. A coastal rock shelf (bluff) is located to the south of the subject property. The project site is located within the scenic viewshed of the coastal rock shelf located to the immediate south of the property.

#### **Project Scope**

This application includes a proposal to demolish an existing one story single family dwelling (approximately 1,700 square feet with two bedrooms) and to construct a two-story single family dwelling (of approximately 3,000 square feet with an attached garage of approximately 600 square feet).

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#### **Zoning & General Plan Consistency**

The subject property is a parcel of approximately 6,649 square feet, located in the R-1-6 (Single Family Residential - 6,000 square feet minimum) zone district, a designation which allows residential uses. The proposed replacement residence is a principal permitted use within the zone district and the zoning is consistent with the site's R-UL (Urban Low Density Residential) General Plan designation.

The proposed residence complies with the site standards for the zone district, as outlined below:

	R-1-6 Site Standards	Proposed		
Front yard setback	20'	20'		
Rear yard setback	15' (or coastal bluff setback)*	34'		
Side yard setbacks	5' and 8'	5' and 8'		
Maximum height	28'	27'-6"		
Maximum % lot coverage	40%	35%		
Maximum Floor Area Ratio	50%	49.9%		

<sup>\*</sup>Coastal bluff setback also applies - minimum of 25 feet from coastal bluff edge (per technical reports).

Adequate parking will be provided on site for the proposed three-bedroom residence in the driveway and attached garage.

#### **Design Review & Scenic Resources**

The design of the proposed residence was evaluated from both the context of views from the surrounding neighborhood and views from the rock shelf to the south. As viewed from Geoffroy Drive, as well as the rock shelf to the south, the residence will fit into the surrounding neighborhood. The proposed residence will be located adjacent to other residences in the neighborhood and will blend with the existing pattern of development.

#### Coastal Rock Shelf & Geologic Hazards

The project site is located adjacent to a coastal rock shelf (bluff) to the south of the subject property. Geologic and geotechnical reports have been reviewed and accepted for this application and an appropriate coastal bluff setback has been determined. The proposed residence will comply with the required coastal bluff setback.

#### Conclusion

This proposal would result in the construction of a replacement single family residence with an existing residential neighborhood. The design of the proposed replacement residence is consistent with the existing pattern of development in the immediate neighborhood and surrounding area.

As proposed and conditioned, the project is consistent with all applicable codes and policies of the

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Zoning Ordinance and General Plan/LCP. Please see Exhibit "B" ("Findings") for a complete listing

of findings and evidence related to the above discussion.

#### Staff Recommendation

• Determine that the proposal is exempt from further Environmental Review under the California Environmental Quality Act.

• APPROVAL of Application Number 161363, based on the attached findings and conditions.

Supplementary reports and information referred to in this report are on file and available for viewing at the Santa Cruz County Planning Department, and are hereby made a part of the administrative record for the proposed project.

The County Code and General Plan, as well as hearing agendas and additional information are available online at: <a href="https://www.co.santa-cruz.ca.us">www.co.santa-cruz.ca.us</a>

Report Prepared By: Randall Adams

Santa Cruz County Planning Department

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E-mail: randall.adams@santacruzcounty.us

### CALIFORNIA ENVIRONMENTAL QUALITY ACT NOTICE OF EXEMPTION

The Santa Cruz County Planning Department has reviewed the project described below and has determined that it is exempt from the provisions of CEQA as specified in Sections 15061 - 15332 of CEQA for the reason(s) which have been specified in this document.

Application Number: 161363 Assessor Parcel Number: 028-212-03 Project Location: 130 Geoffroy Drive
Project Description: Demolish an existing 1 story residence and construct a replacement 2 story residence.
Person or Agency Proposing Project: Stephanie Barnes-Castro
Contact Phone Number: 831-239-0603
<ul> <li>A The proposed activity is not a project under CEQA Guidelines Section 15378.</li> <li>B The proposed activity is not subject to CEQA as specified under CEQA Guidelines Section 15060 (c).</li> <li>C Ministerial Project involving only the use of fixed standards or objective measurements without personal judgment.</li> <li>D Statutory Exemption other than a Ministerial Project (CEQA Guidelines Section 15260 to 15285).</li> </ul>
E. X Categorical Exemption
Specify type: Class 2 - Replacement or Reconstruction (Section 15302)
F. Reasons why the project is exempt:
Construction of a replacement single family dwelling in an area designated for residential uses.
In addition, none of the conditions described in Section 15300.2 apply to this project.
Date:
Randall Adams, Project Planner

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#### **Coastal Development Permit Findings**

1. That the project is a use allowed in one of the basic zone districts, listed in section 13.10.170(D) as consistent with the General Plan and Local Coastal Program LUP designation.

This finding can be made, in that the property is zoned R-1-6 (Single Family Residential - 6,000 square feet minimum), a designation which allows residential uses. The proposed replacement residence is a principal permitted use within the zone district, and the zoning is consistent with the site's R-UL (Urban Low Density Residential) General Plan designation.

2. That the project does not conflict with any existing easement or development restrictions such as public access, utility, or open space easements.

This finding can be made, in that no such easements or restrictions are known to encumber the project site.

3. That the project is consistent with the design criteria and special use standards and conditions of this chapter pursuant to Section 13.20.130 and Section 13.20.140 et seq.

This finding can be made, in that the development is consistent with the surrounding neighborhood in terms of architectural style; the site is surrounded by lots developed to an urban density; the colors will be natural in appearance and complementary to the site.

4. That the project conforms with the public access, recreation, and visitor-serving policies, standards and maps of the General Plan and Local Coastal Program land use plan, specifically Chapter 2: figure 2.5 and Chapter 7, and, as to any development between the nearest through public road and the sea or the shoreline of any body of water located within the coastal zone, such development is in conformity with the public access and public recreation policies of Chapter 3 of the Coastal Act commencing with section 30200.

This finding can be made, in that although the project site is located between the shoreline and the first public road, public beach access is available at 14th Avenue and Sunny Cove. Consequently, the replacement residence will not interfere with public access to the beach, ocean, or any nearby body of water. Further, the project site is not identified as a priority acquisition site in the County Local Coastal Program.

5. That the proposed development is in conformity with the certified local coastal program.

This finding can be made, in that the structure is sited and designed to be visually compatible, in scale, and integrated with the character of the surrounding neighborhood. Additionally, residential uses are allowed uses in the R-1-6 (Single Family Residential - 6,000 square feet minimum) zone district, as well as the General Plan and Local Coastal Program land use designation. Developed parcels in the area contain single family dwellings. Size and architectural styles vary in the area, and the design submitted is consistent with the existing range of styles.

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#### **Development Permit Findings**

1. That the proposed location of the project and the conditions under which it would be operated or maintained will not be detrimental to the health, safety, or welfare of persons residing or working in the neighborhood or the general public, and will not result in inefficient or wasteful use of energy, and will not be materially injurious to properties or improvements in the vicinity.

This finding can be made, in that the project is located in an area designated for residential uses. Construction will comply with prevailing building technology, the California Building Code, and the County Building ordinance to insure the optimum in safety and the conservation of energy and resources.

2. That the proposed location of the project and the conditions under which it would be operated or maintained will be consistent with all pertinent County ordinances and the purpose of the zone district in which the site is located.

This finding can be made, in that the proposed location of the replacement residence and the conditions under which it would be operated or maintained will be consistent with all pertinent County ordinances and the purpose of the R-1-6 (Single Family Residential - 6,000 square feet minimum) zone district as the primary use of the property will be one single family residence that meets all current site standards for the zone district.

3. That the proposed use is consistent with all elements of the County General Plan and with any specific plan which has been adopted for the area.

This finding can be made, in that the proposed residential use is consistent with the use and density requirements specified for the R-UL (Urban Low Density Residential) land use designation in the County General Plan.

The proposed replacement residence will not adversely impact the light, solar opportunities, air, and/or open space available to other structures or properties, and meets all current site and development standards for the zone district as specified in Policy 8.1.3 (Residential Site and Development Standards Ordinance), in that the replacement residence will not adversely shade adjacent properties, and will meet current setbacks for the zone district.

The proposed replacement residence will be properly proportioned to the parcel size and the character of the neighborhood as specified in General Plan Policy 8.6.1 (Maintaining a Relationship Between Structure and Parcel Sizes), in that the proposed replacement residence will comply with the site standards for the R-1-6 zone district (including setbacks, lot coverage, floor area ratio, height, and number of stories) and will result in a structure consistent with a design that could be approved on any similarly sized lot in the vicinity.

A specific plan has not been adopted for this portion of the County.

4. That the proposed use will not overload utilities and will not generate more than the acceptable level of traffic on the streets in the vicinity.

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This finding can be made, in that the proposed replacement residence is to be constructed in place of an existing residence. No increase in traffic generation (1 PM peak trip per dwelling unit) or utilities consumption is anticipated.

5. That the proposed project will complement and harmonize with the existing and proposed land uses in the vicinity and will be compatible with the physical design aspects, land use intensities, and dwelling unit densities of the neighborhood.

This finding can be made, in that the proposed structure is located in a mixed neighborhood containing a variety of architectural styles, and the proposed replacement residence is consistent with the land use intensity and density of the neighborhood.

6. The proposed development project is consistent with the Design Standards and Guidelines (sections 13.11.070 through 13.11.076), and any other applicable requirements of this chapter.

This finding can be made, in that the proposed replacement residence will be of an appropriate scale and type of design that will enhance the aesthetic qualities of the surrounding properties and will not reduce or visually impact available open space in the surrounding area.

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#### **Conditions of Approval**

Exhibit D: Project plans "Burnette Residence", prepared by Stephanie Barnes-Castro Architect, revised 2/6/17.

- I. This permit authorizes the construction of a replacement residence as indicated on the approved Exhibit "D" for this permit. This approval does not confer legal status on any existing structure(s) or existing use(s) on the subject property that are not specifically authorized by this permit. Prior to exercising any rights granted by this permit including, without limitation, any construction or site disturbance, the applicant/owner shall:
  - A. Sign, date, and return to the Planning Department one copy of the approval to indicate acceptance and agreement with the conditions thereof.
  - B. Obtain a Demolition Permit from the Santa Cruz County Building Official.
  - C. Obtain a Building Permit from the Santa Cruz County Building Official.
    - 1. Any outstanding balance due to the Planning Department must be paid prior to making a Building Permit application. Applications for Building Permits will not be accepted or processed while there is an outstanding balance due.
  - D. Obtain an Encroachment Permit from the Department of Public Works for all offsite work performed in the County road right-of-way.
  - E. Submit proof that these conditions have been recorded in the official records of the County of Santa Cruz (Office of the County Recorder) within 30 days from the effective date of this permit.
- II. Prior to issuance of a Building Permit the applicant/owner shall:
  - A. Submit final architectural plans for review and approval by the Planning Department. The final plans shall be in substantial compliance with the plans marked Exhibit "D" on file with the Planning Department. Any changes from the approved Exhibit "D" for this development permit on the plans submitted for the Building Permit must be clearly called out and labeled by standard architectural methods to indicate such changes. Any changes that are not properly called out and labeled will not be authorized by any Building Permit that is issued for the proposed development. The final plans shall include the following additional information:
    - 1. A copy of the text of these conditions of approval incorporated into the full size sheets of the architectural plan set.
    - 2. One elevation shall indicate materials and colors as they were approved by this Discretionary Application. If specific materials and colors have not

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been approved with this Discretionary Application, in addition to showing the materials and colors on the elevation, the applicant shall supply a color and material sheet in 8 1/2" x 11" format for Planning Department review and approval.

- 3. Grading, drainage, and erosion control plans.
- 4. Re-label the proposed floor plans and sections to change the proposed "Playroom" to "Living Room" and to change the proposed "Living Room" to "Family Room". (If these revisions are not made, the Playroom would be considered as a bedroom and additional fees would be charged in the Building Permit phase).
- 5. Details showing compliance with fire department requirements.
- B. Meet all requirements of and pay Zone 5 drainage fees to the County Department of Public Works, Stormwater Management. Drainage fees will be assessed on the net increase in impervious area.
- C. Meet all requirements of the City of Santa Cruz Water Department.
- D. Meet all requirements of the Santa Cruz County Sanitation District.
- E. Meet all requirements of the Environmental Planning section of the Planning Department.
- F. Meet all requirements and pay any applicable plan check fee of the Central Fire Protection District.
- G. Submit 3 copies of plan review letters prepared and stamped by the project Geologist.
- H. Submit 3 copies of plan review letters prepared and stamped by the project Geotechnical Engineer.
- I. Pay the current fees for Parks and Child Care mitigation for 1 bedroom(s). Currently, these fees are, respectively, \$1,000 and \$109 per bedroom.
- J. Pay the current fees for Roadside and Transportation improvements for 1 bedroom(s). Currently, these fees are, respectively, \$1,000 and \$1,000 per bedroom.
- K. Provide required off-street parking for 3 cars. Parking spaces must be 8.5 feet wide by 18 feet long and must be located entirely outside vehicular rights-of way. Parking must be clearly designated on the plot plan.
- L. Submit a written statement signed by an authorized representative of the school

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district in which the project is located confirming payment in full of all applicable developer fees and other requirements lawfully imposed by the school district.

- III. All construction shall be performed according to the approved plans for the Building Permit. Prior to final building inspection, the applicant/owner must meet the following conditions:
  - A. All site improvements shown on the final approved Building Permit plans shall be installed.
  - B. All inspections required by the building permit shall be completed to the satisfaction of the County Building Official.
  - C. The project must comply with all recommendations of the approved soils reports.
  - D. Pursuant to Sections 16.40.040 and 16.42.080 of the County Code, if at any time during site preparation, excavation, or other ground disturbance associated with this development, any artifact or other evidence of an historic archaeological resource or a Native American cultural site is discovered, the responsible persons shall immediately cease and desist from all further site excavation and notify the Sheriff-Coroner if the discovery contains human remains, or the Planning Director if the discovery contains no human remains. The procedures established in Sections 16.40.040 and 16.42.080, shall be observed.

#### IV. Operational Conditions

- A. In the event that future County inspections of the subject property disclose noncompliance with any Conditions of this approval or any violation of the County Code, the owner shall pay to the County the full cost of such County inspections, including any follow-up inspections and/or necessary enforcement actions, up to and including permit revocation.
- V. As a condition of this development approval, the holder of this development approval ("Development Approval Holder"), is required to defend, indemnify, and hold harmless the COUNTY, its officers, employees, and agents, from and against any claim (including attorneys' fees), against the COUNTY, it officers, employees, and agents to attack, set aside, void, or annul this development approval of the COUNTY or any subsequent amendment of this development approval which is requested by the Development Approval Holder.
  - A. COUNTY shall promptly notify the Development Approval Holder of any claim, action, or proceeding against which the COUNTY seeks to be defended, indemnified, or held harmless. COUNTY shall cooperate fully in such defense. If COUNTY fails to notify the Development Approval Holder within sixty (60) days of any such claim, action, or proceeding, or fails to cooperate fully in the defense thereof, the Development Approval Holder shall not thereafter be responsible to defend, indemnify, or hold harmless the COUNTY if such failure to notify or

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cooperate was significantly prejudicial to the Development Approval Holder.

- B. Nothing contained herein shall prohibit the COUNTY from participating in the defense of any claim, action, or proceeding if both of the following occur:
  - 1. COUNTY bears its own attorney's fees and costs; and
  - 2. COUNTY defends the action in good faith.
- C. <u>Settlement</u>. The Development Approval Holder shall not be required to pay or perform any settlement unless such Development Approval Holder has approved the settlement. When representing the County, the Development Approval Holder shall not enter into any stipulation or settlement modifying or affecting the interpretation or validity of any of the terms or conditions of the development approval without the prior written consent of the County.
- D. <u>Successors Bound</u>. "Development Approval Holder" shall include the applicant and the successor'(s) in interest, transferee(s), and assign(s) of the applicant.

Minor variations to this permit which do not affect the overall concept or density may be approved by the Planning Director at the request of the applicant or staff in accordance with Chapter 18.10 of the County Code.

Please note: This permit expires three years from the effective date listed below unless a building permit (or permits) is obtained for the primary structure described in the development permit (does not include demolition, temporary power pole or other site preparation permits, or accessory structures unless these are the primary subject of the development permit). Failure to exercise the building permit and to complete all of the construction under the building permit, resulting in the expiration of the building permit, will void the development permit, unless there are special circumstances as determined by the Planning Director.

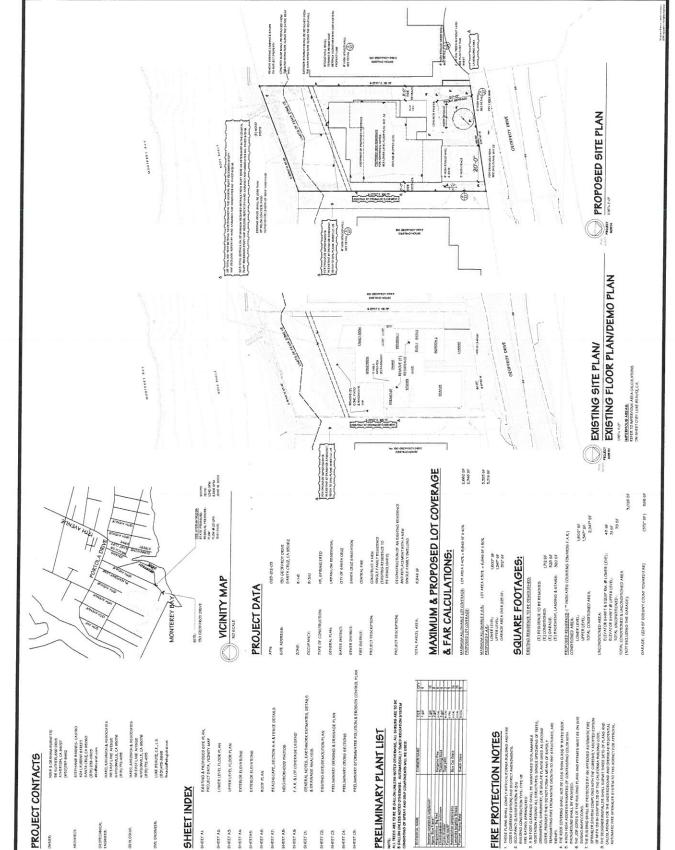
Approval Date:					
Effective Date:			Ÿ		
Expiration Date:				=	

Appeals: Any property owner, or other person aggrieved, or any other person whose interests are adversely affected by any act or determination of the Zoning Administrator, may appeal the act or determination to the Planning Commission in accordance with chapter 18.10 of the Santa Cruz County Code.



**BURNETTE RESIDENCE** 





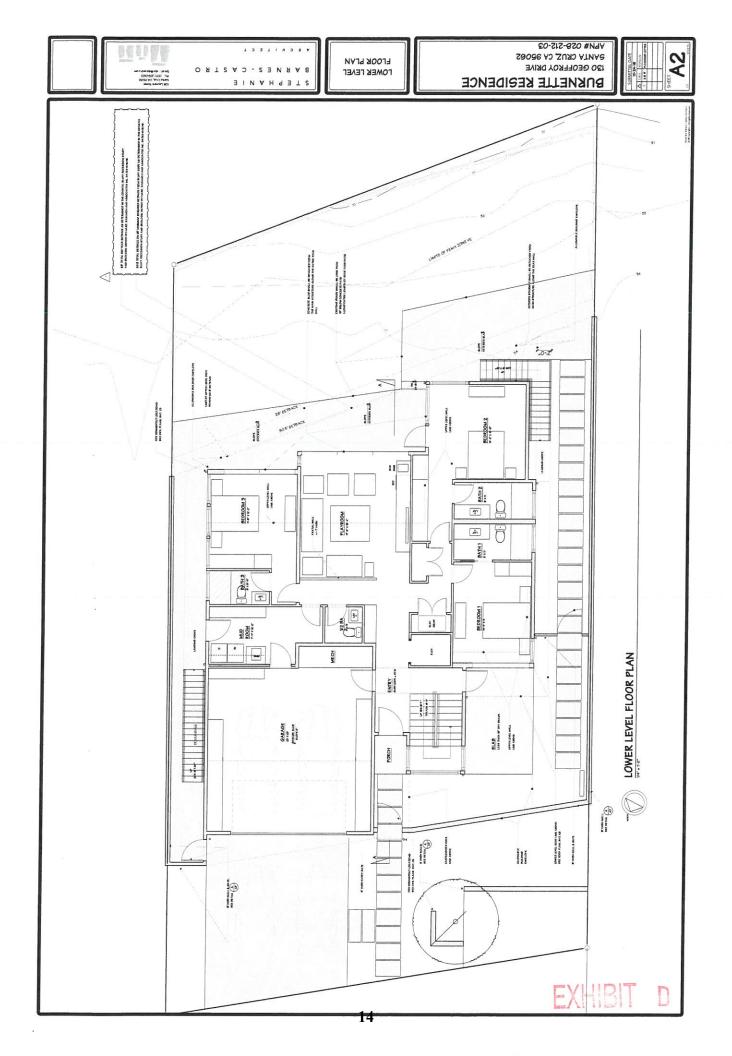


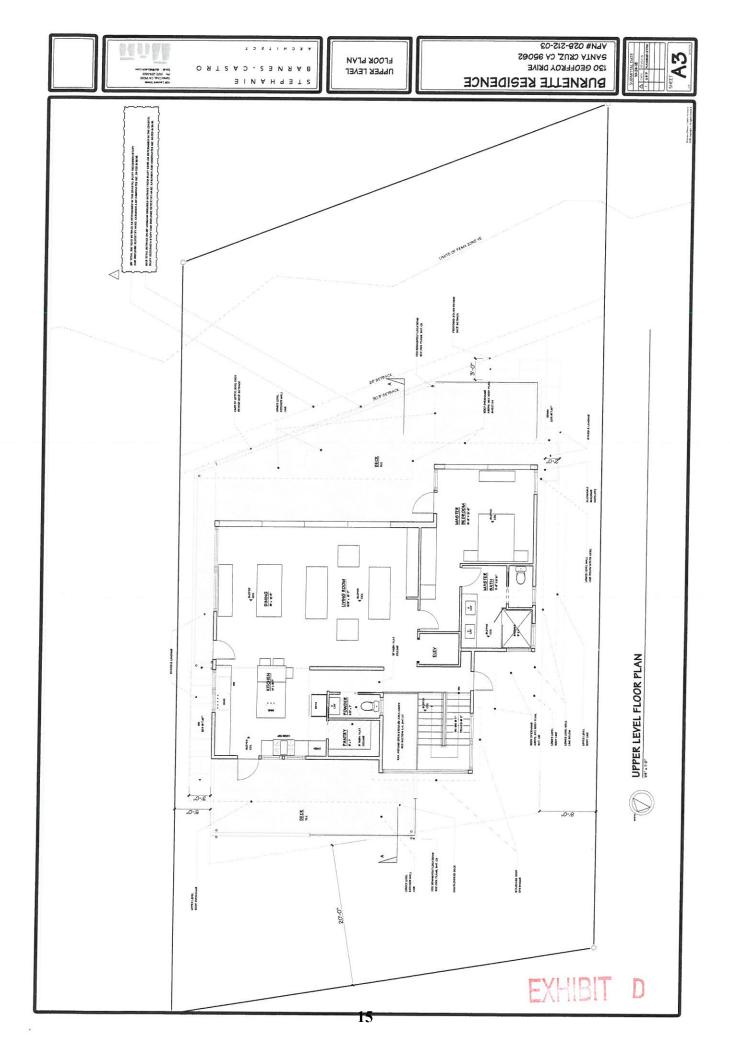
FIRE PROTECTION NOTES

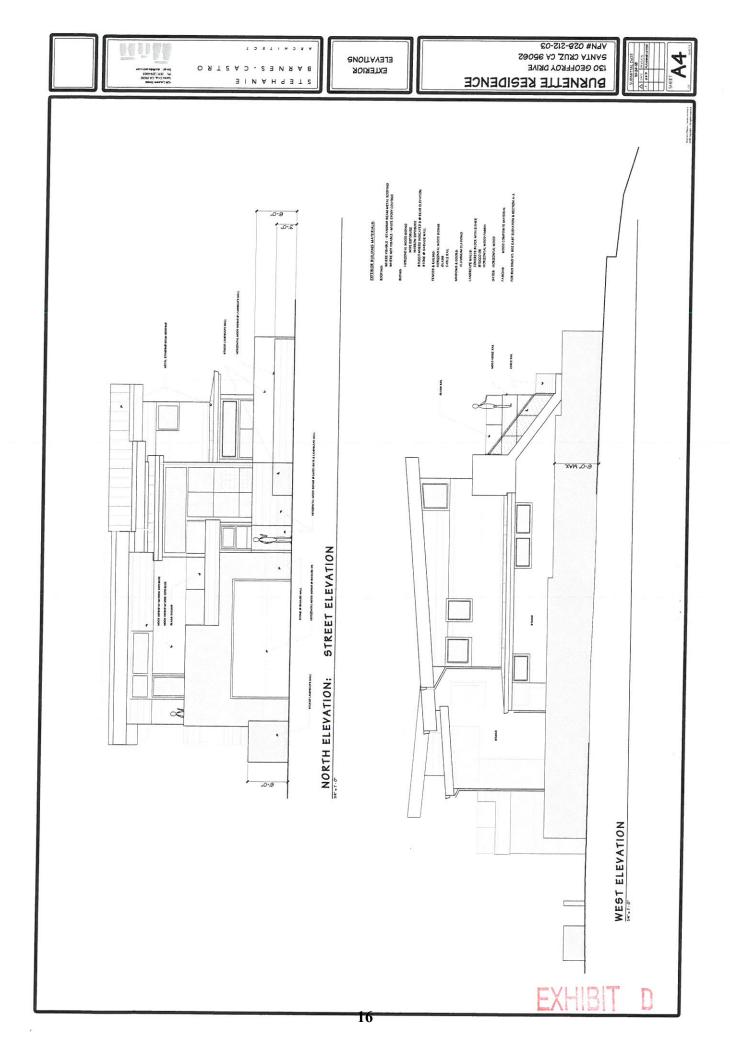
PROJECT CONTACTS

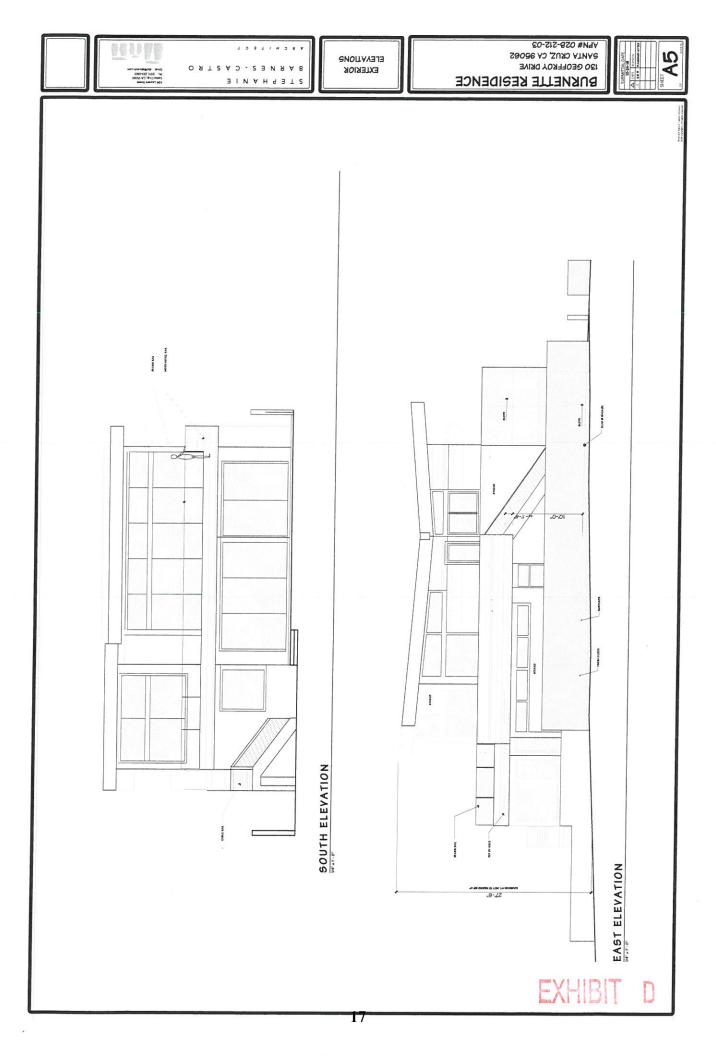
SHEET INDEX

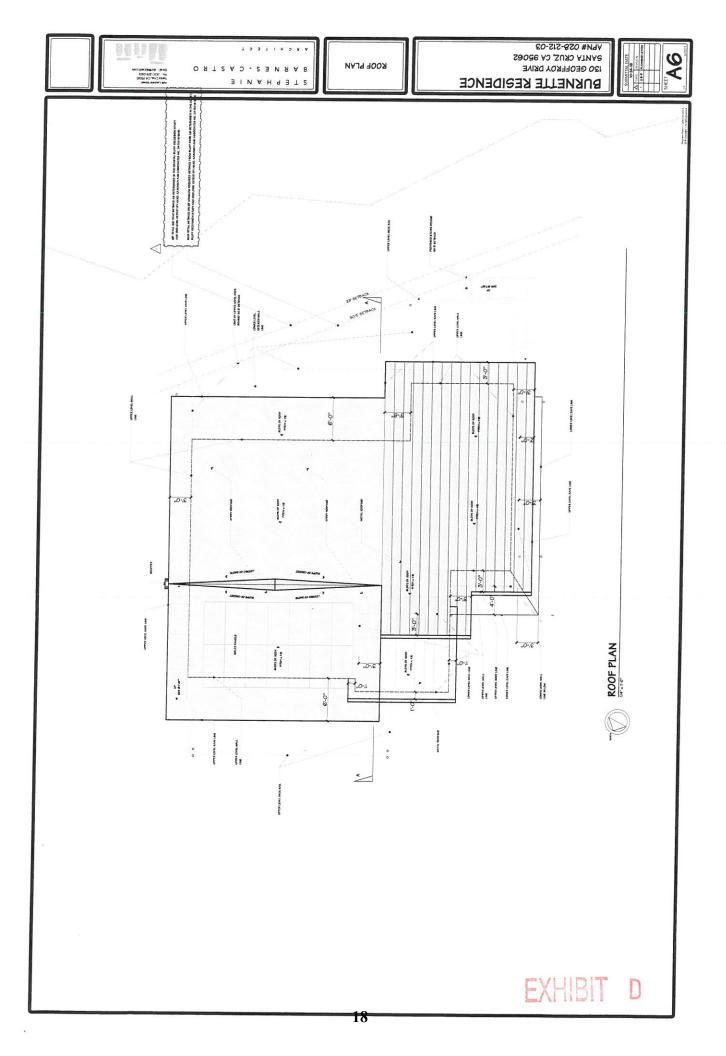
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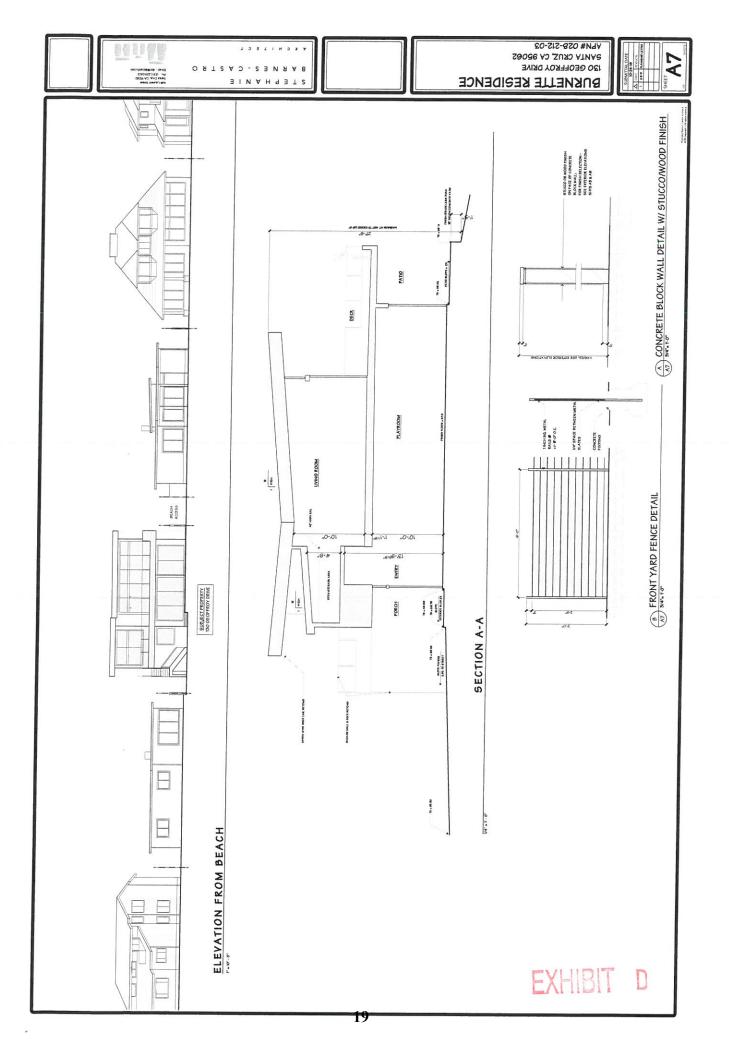














BEACH ACCESS

150 GEOFFROY

200 GEOFFROY

240 GEOFFROY

250 GEOFFROY







2 STORY HOME UNDER CONSTRUCTION 100 GEOFFROY

110 GEOFFROY

120 GEOFFROY

130 GEOFFROY SUBJECT PROPERTY

BEACH ACCESS

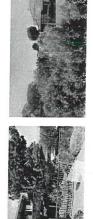




225 GEOFFROY DRIVE





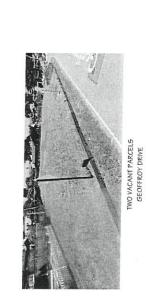




103 16TH AVENUE







65 GEOFFROY

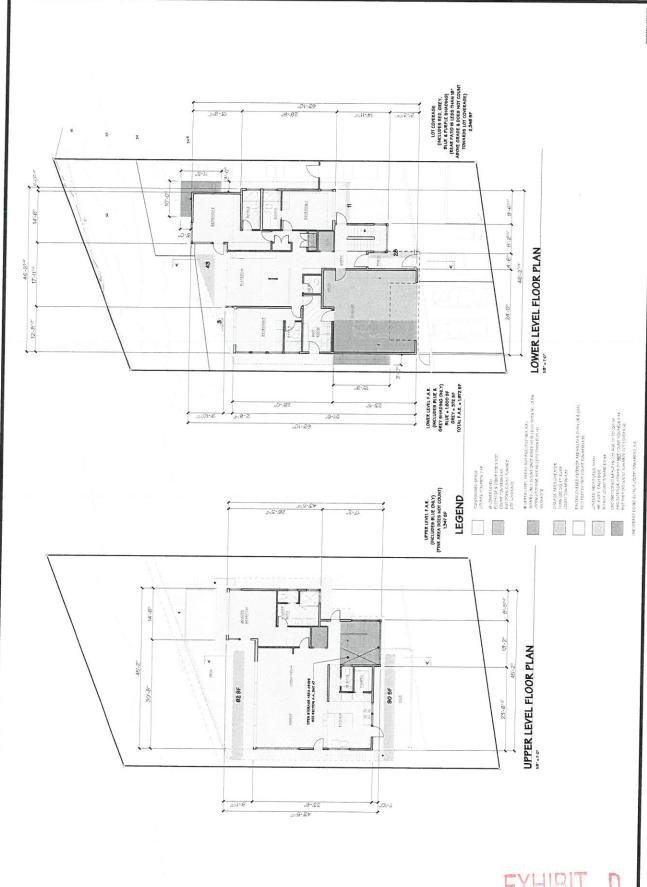
NEIGHBORHOOD PHOTOS: OPPOSITE SIDE OF STREET

NEIGHBORHOOD PHOTOS: SAME SIDE OF STREET

| Selection | Sele

VEW# OSS-SIS-OS SYMLY CENT CY SEOGS 120 GEOFFROY DRIVE BURNETTE RESIDENCE





# 1. All construction shall comply with applicable requirements in the current edition of the Santa Cruz County Design Criteria.

- All figure (Fig.) references, unless otherwise specified, refer to Standard Drawings in the current edition of the Santa Cruz County Design Criteria.
  - No changes in the approved plans shall be made without prior approval by the Santa Cruz County Planning Department and Public Works Department.
- The Director of Planning, or his authorized representative, shall have the authority to stop work if the work is not being done accordance with the approved Improvement Plans.
  - The contractor shall notify the Santa Gruz County Planning Department (454-2580 or 454-2077) at least 24 hours prior to the start of construction.
    - All drainage inlets are to be precast concrete Christy boxes, model as indicated on plan, or equivalent, with concrete battoms. All storm drain material to be Schedule 40 PVC

All construction shall be in accordance with the recommendations of the Geotechnical Investigation prepared for the site by Haro, Kosunich and Associates, Inc., Project No. SCI1027

#### STORM DRAW SANIMAY SEREMANHOLE TOP OF FOOTING TOP OF SAIL TOP OF WALL TYPICAL RELATIVE COMPACTION SLOPE ABBRE VIA TIONS ED SURFACE BREAK ASHPALT CONCRETE AGGREGATE EXISTING GROUND FINISHED GRADE INEAR FEET ENTERLINE

## OVEREXCAVATION AND RECOMPACTION OF TOP 18" BELOW BUILDING SLAB PER GEOTECHNICAL REPORT VOLUME = ±130 CUBIC YARDS EARTHWORK ESTIMATE

CENERAL GRADING (INCLUDES DRIVEWAY, BUILDING SLAB, AND LEAT HONGY STRUCTURAL SECTIONS)
Out = 32 Cubic YARDS
TILL = 70 CUBIC YARDS
FROLECT 101AL = 115 CUBIC YARDS WIPORT BACKFILL OF EXISTING BASEMENT VOLUME = ±70 CUBIC YARDS

## - EROSION CONTROL NOTES

- 1. Stockpite disturbed topsoil and redistribute around the finished site on seet base sees those series.
  2. Disturb only those areas under construction. Do not leave soil unprotected.
  3. Exposes also labe protected at all times as follows:
  3. Exposes also labe protected at all times as follows:
  3. Seed and Straw Mulch
  3. Seed and straw mulch is to be used for soil disturbed areas as a means for temporary patetalour unit permenent in permenent and year used an signs up to 3.1 ft. (13.75).
  - Seed and straw mulch shall consist of spreading seed (a minimum of \$6,50(100) sq. I.l.) over disturbled areas and then placing a uniform layer of straw (2-3 bales/1000 sq. It.) incorporating it into the sale with a studded roller or anchoring it with a tackliffer stabilising emulsion.
- In areas that are not sensitive habitat, the seed shall be annual winter barley and the straw shall be derived from rice, barley, or when, in areas that are sansitive habitat, the seed mix and strow shall be as recommended by the project balogist, be indicated on the plans, and approved by the Plannian Beaortment.

## SEDIMENT CONTROL NOTES

SSI Feace

Self feace belowed to used for perimeter control. They should be placed below areas where sheef flows discharge from the site. They should also be used os interior controls below discharge from the site. They should also be used os interior controls below disturbed dreas where runoff may occur in the form of sheef on different controls.

fences shall <u>not</u> be used on a stope, or across any contour line. If not installed the same elevation throughout, silt fences will create erosion. The maximum length of slape draining to any point along the silt fence should be 200 feet or less. Sill fences shall <u>as</u>t be used in locations where panded water may cause flooding Salt fences shall <u>not</u> be used in streams, channels, drain inlets, or any place where flow is concentrated.

The ends of the sill fence shall be turned uphill to prevent stormwater from flowing snownd the fence.

# CONSTRUCTION WASTE CONTROL MEASURES I. IF SHOTS ARE 10 BE STORED NO SITE, RACE SPOILS BE ON A FLAT FORFIGN OF THE SITE AND SHORMOND IT WITH A SILL FINE PER DEFAULD.

- THE SOIL STOCKPILE AREA SHALL BE SURROUNDED WITH A SILT FENCE PER DETAIL CH-C. THEN ACTURE WORK IS NOT BEEN DOINE ON THE STOCKPILE. IT SHALL BE COURTED WITH PLASTIC AND THE PLASTIC SHALL BE SECURED IN PLACE WHIT ROPES AND SANDBAGS.

# SITE HOUSEKEEPING REQUIREMENTS

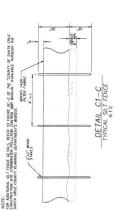
- ALL LOSE STOCKPILED CONSTRUCTION MATERIALS THAT ARE NOT COLOURENTELY BEING USED (16.2 SOIL, SPOIGEOUTE, IT ASH, STUCCO, HYDRATED LIME, ETC.) SHALL BE CONCRED AND BERNED.
- ALL CHEMICALS SHALL BE STORED IN WATERTICHT CONTAINERS (WITH APPROPRIATE SECONDARY CONTAINMENT TO PREVENT ANY SHILLAGE OR LEAKAGE) OR IN A STORAGE SHED (COMPLETELY ENCLOSED).
- EXPOSURE OF CONSTRUCTION MATERIALS TO PRECIPITATION SHALL BE WINNIZED. THIS COLF NOT INCLUDE MATERIALS AND ECUPIMENT TRAIN ARE DESIGNED TO BE COUNTING SAID EXPOSED TO ENVIRONMENTAL CONDITIONS (I.e. POLES, ECUIPMENT PADS, CABINETS, CONDUCTORS, MISLANDS, BRICKS, ETC.) BEST MANAGEMENT PRACTICES TO PREVENT THE OFF-SITE TRACKING OF LOOSE CONSTRUCTION AND LANDSCAPE MATERIALS SHALL BE IMPLEMENTED.
- DISPOSAL OF ANY RIVSE OF WASH WATERS OF WATERIA'S ON IMPERIOUS OR PERVIOUS SITE SURFACES OR INTO THE STORM DRAIN SYSTEM SHALL BE PREVENTED. WASTE MANAGEMENT
- SANITATON FACULTES SHALL BE CONTAINED (e.g., PORTABLE TOLETS) TO PREVENT DISCUMENT BRANACE SYSTEM PREVENT DISCUMENTS OF PRELIDENTS TO THE STORM WATER SOR PREVENTS AND SHALL BE LOCATED A LINUALLY OF 20 FEET FROM AN INEL, STREET OF DIRECT OF DRIVENTS, STREAM, RIPARIAN AREA OR OTHER DRIMANGE FACULTY.
  - SANITATION FACILITIES SHALL BE INSPECTED REGULARLY FOR LEAKS AND SPILLS AND CLEANED OR REPLACED AS NECESSARY. COVER WASTE DISPOSAL CONTAINERS AT THE END OF EVERY BUSINESS DAY AND DURING A RAIN EVENT.
- DISCHARGES FROM WASTE DISPOSAL CONTAINERS TO THE STORM WATER DRAWAGE SYSTEM OR RECEIVING WATER SHALL BE PREVENTED.
  - STOCKPILED WASTE MATERIAL SHALL BE CONTAINED AND SECURELY PROTECTED FROM MIND AND RAIN AT ALL TIMES UNLESS ACTIVELY BEING USED. PROCEDURES THAT EFFECTIVELY ADDRESS HAZARDOUS AND NON-HAZARDOUS SPILLS SHALL BE IMPLEMENTED.
- EQUIPMENT AND MATERIALS FOR CLEANUP OF SPILS SHALL BE AVAILABLE ON STIE, SPILLS AND LEAKS SHALL BE CLEANED UP MAKEDATELY AND DISPOSED OF PROPERY.
  - CONCRETE WASHOUT AREAS AND OTHER WASHOUT AREAS THAT MAY CONTAIN THE OWNER POLITIANTS SHALL BE CONTAINED SO THERE IS NO DISCHARCE TO THE UMBER ING SOIL AND ONTO THE SUMPOUNDING MERAS.
- MEASURES SHALL BE TAKEN TO PREVENT OIL, CREASE, OR FUEL TO LEAK IN TO THE GROUND, STORM DRAINS, OR SURFACE WATERS VEHICLE STORAGE AND MAINTENANCE
- ALL EQUIPMENT OR VEHICLES, WHICH ARE TO BE FUELED, MAINTAINED, AND STORED ON STE SHALL BE IN A DESIGNATED AREA FITED WITH APPROPRIATE BAPS.
- LEAKS SHALL BE IMMEDIATELY CLEANED AND LEAKED MATERIALS SHALL BE DISPOSED OF PROPERLY. ANDSCAPE MATERIALS

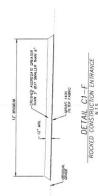
STANDAND GEOTEXTEL FROM DOMNSPOUTS 3/4" DRAW

- FERTILIZERS AND OTHER LANDSCAPE MATERIALS WHEN THEY ARE NOT ACTIVELY BEING USED. CONTAIN STOCKPILED MATERIALS SUCH AS MULCHES AND TOPSOIL WHEN THEY ARE NOT ACTIVELY BEING USED.
- APPLY ERODIBLE LÂNDSCAFE MATERAL, AT OUANTITIES AND APPLICATION RATES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR BASED ON WRITTEN SPECIFICATIONS BY KNOWEDGEABLE, AND EXPERIENCED FIELD PERSONNEL.

DISCONTINUE THE APPLICATION OF ANY ERODIBLE LANDSCAPE MATERIAL WITHIN 2 DAYS BEFORE A FORECASTED RAIN EVENT OR DURING PERIODS OF PRECIPITATION.

STACK ERODIBLE LANDSCAPE MATERIALS ON PALLETS AND COVER, OR STORE SUCH MATERIALS WHEN NOT ACTIVELY BEING USED.





# NOTES, EARTHWORK ESTIMATE, DETAILS, & DRAINAGE ANALYSIS

DRAINAGE ANALYSIS PRE-DEVELOPMENT CONDITIONS EXISTING MPERVIOUS AREA TO BE REMOVED AS SHOWN ON SHEET C2 = 4,500 SF.

POST-DEVELOPMENT CONDITIONS
MPERMOUS AREA OF NEW HOUSE, AND FLATMORK AREAS

- 4,000 S.F.

THE PROPOSED DEVELOPMENT RESULTS IN A NET DECREASE IN MIMPERNOUS AREA OF 500 S.F.

RUNGIF DRAINING TO THE REAR OF THE PROPERTY WILL BE DISPERSED INTO CHANDSCAPE AREAS AND WILL NOT RESULT IN ANY CONSTRAINED RUNGIF FLOHING OVER THE COASTAL BLUFE AND WILL NOT CONTRIBUTE TO EROSON OF THE COASTAL BLUFE.

MAINTENANCE PROCEDURES FOR DRAINAGE SYSTEM INSPECT ALL INLET/JUNCTION BOXES ANNUALLY PRIGR TO RAINY SEASON. REMOVE ANY ACCUMULATED SILT/DEBRIS

THE LEAVANG THE STR. RANGES FROM THE SERVIC OF THE PROPERTY OF THE PROPERTY WELL TON WE WE ESTSTING, SAWALT SHALE ALONG COCKING TO AN EXERT THE MORTHAGES COOKING TO AN EXEST THE MORTHAGES COOKING TO AN EXECUTION AND THE STREAM CONTINUOUS THIS WILL WELL WILL CAUSE, MAY A DEFECT MAPANES. TO THE EXCHING DAMANES SERVICE THAN THE STREAM CONTINUOUS MAN A STREAM S

DOWNSTREAM ASSESSMENT

LOW IMPACT DEVELOPMENT MEASURES
1. PERMEABLE PAYER BLOCKS HAVE BEEN USED FOR THE NEW
DRIVENAY IN ORDER TO REDUCE NEW IMPERMOUS AREAS.

2. 4 NEW DOWN SPOUTS MIL BE CUTLETED ONTO CONCRETE SPLASH
LANDSCAPE AREAS TO ENCOUNDETE PATHO AREAS AND THEN FLOW INTO NEW
FILITATION OF RILNOTE.

4 NEW DOWN SPOUTS MIL BE COLLECTED IN A CLOSED CONDUIT STORM DARAN SYSTEM AND DIRECTED INTO 2 NEW PERCOLATION PITS 3. I NEW DOWN SPOUT WILL BE OUTLETED INTO A DRY CREEK BED SPALE TO ENCOURAGE PERCOLATION AND PROWDE PLITATION OF RUNDER. 8. I NEW DOWN SPOUT MIL BE OUTLETED ONTO THE PERMEABLE PAVER BLOCK DRIVENAY TO ENCOURAGE PERCOLATION.

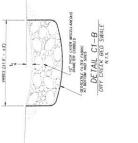
BULDNO STE UPSLOPE AND ADJACENT DRAMAGE PATTERN BEALDING STE RELUGNOR STORY FROW HE ADJACENT PROPERTIES OF THE PROPERTIES OF THE PROPERTIES OF THE WAS A PAST RUNGE FROM EXCEPT OF THE WAS A PAST RUNGE FROM STORY CHAPTER OF THE PROPERTIES OF THE PROPERTY CAST RUNGHES OF THE PROPERTY CAST RUNGHES OF THE PROPERTY.

LUON COMPATENDO E TWOSE THE COME SONGERS HILL AND TO WASSECT PROBABILISTED OF TWOSE THE PROBUSE THE PROBABILISTED HAS NOT SOCKRETED AND PRODUCE THE PROBABILISTED HAS IN ACCORDANCE WITH THE APPROVED PANS. THE LETTER CONFIDENCE HAS IN ACCORDANCE WITH THE APPROVED PANS. THE LETTER CONFIDENCE AS TO WAS A THE STANDARD OF THE SAZES, ELEVATIONS, ETC.

I. INSPECT THE DRAIN BOXES OVER THE PERCOLATION PLIS PRIOR TO THE RAINY SEASON, REMOVE ANY ACCUMULATED SILT/DEBRIS

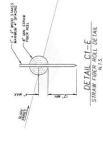


SHEET VI DRAIN BOX



SEPAGE PIT TO BE HAND-DUG 2" LONG " 2" MOE " 3" DEEP PER "SIE DRAWAGE" SECTION OF GEOTECHNICHE INVESTIGATION

DETAIL C1-A
TYPICAL PERCOLATION PIT



ARANT 14GN FUTER FABRACION OF GRATE)

SCURED IN PLACE WITH SCURED IN PLACE WITH ID OR GRATE)

SECTION A-A

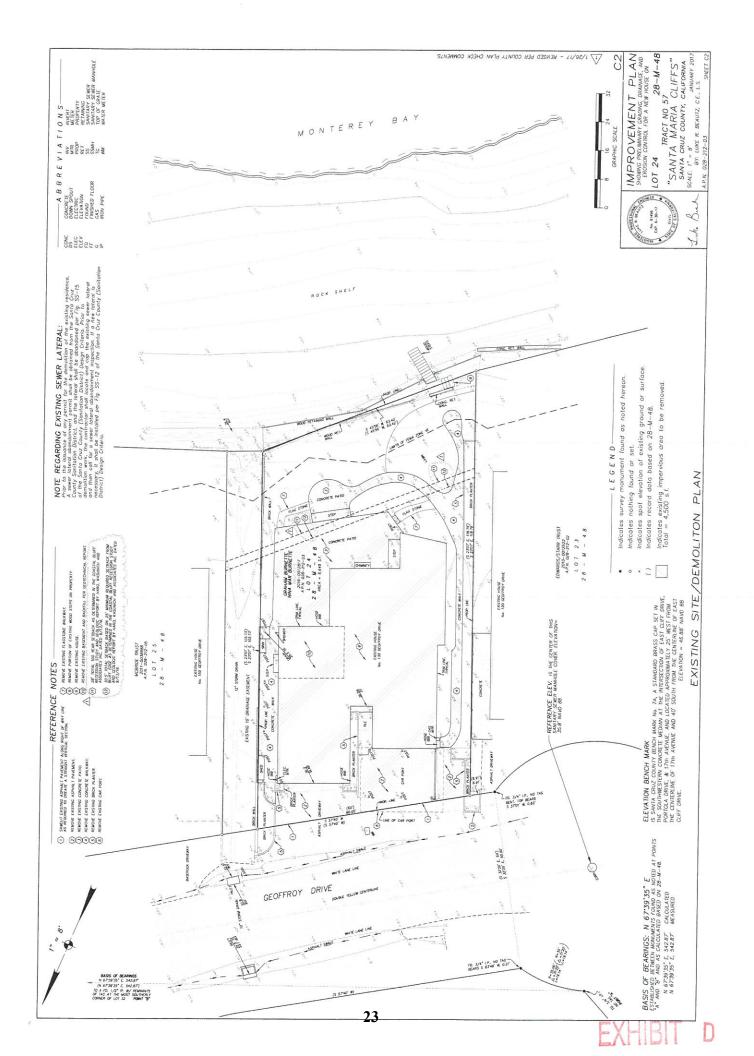
STORM DRAIN INLET SEDIMENT BARRIER

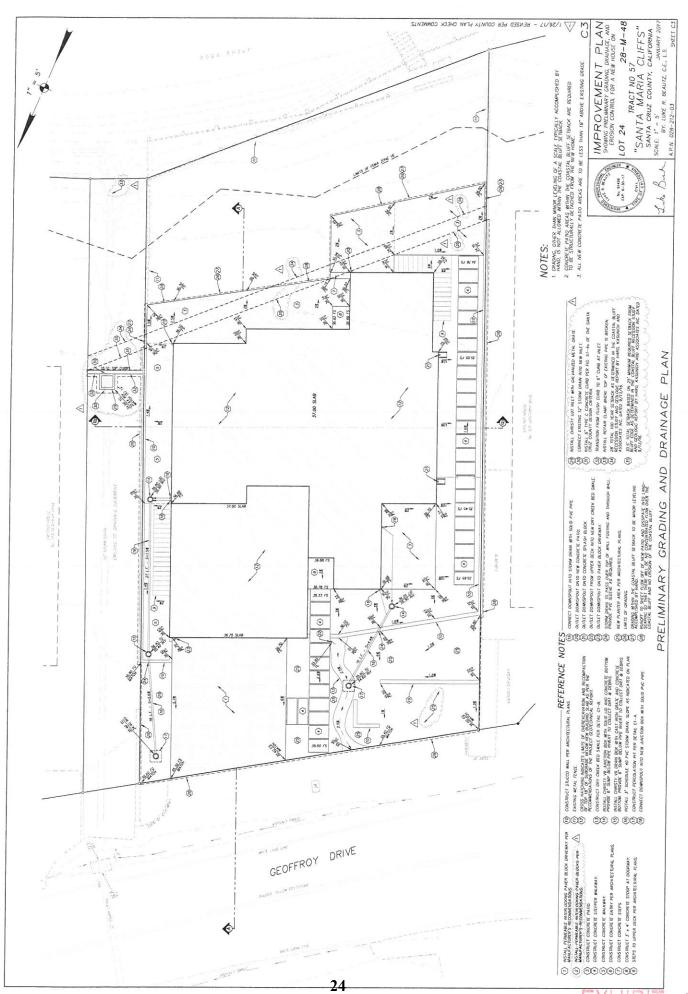


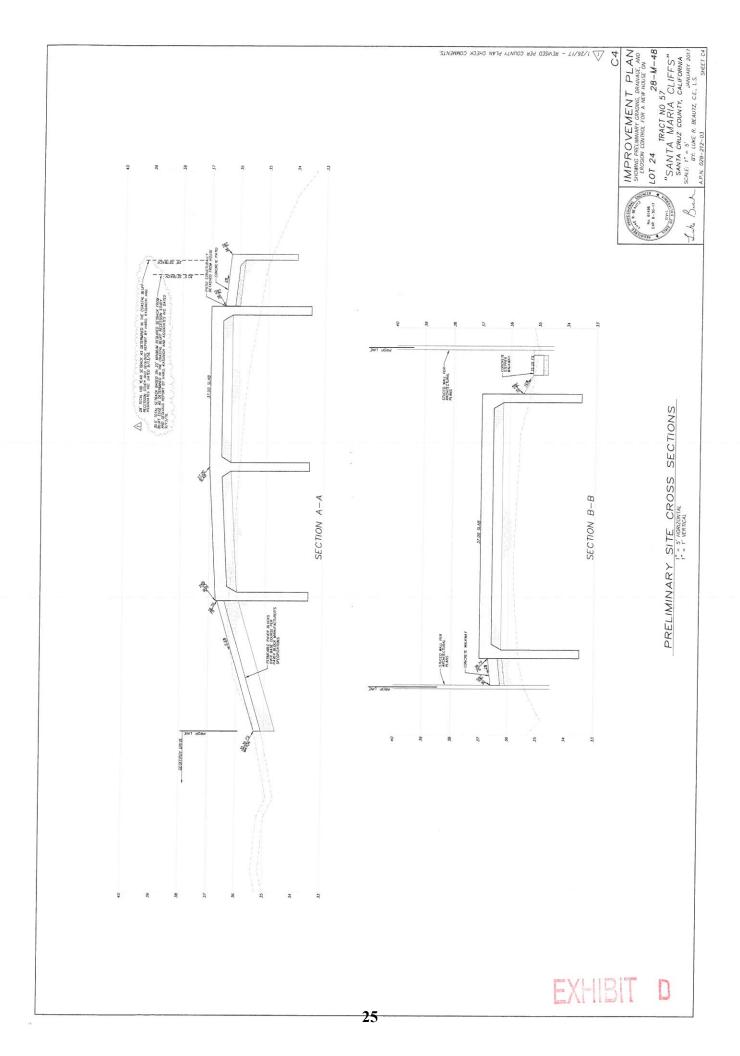
IMPROVEMENT PLAN SHOWING PRELIMINARY GRADING, DRAINAGE, AND EFOSION CONTROL FOR A NEW HOUSE ON 28-M-48 "SANTA MARIA CLIFFS" SANTA CRUZ COUNTY, CALFORNIA .OT 24

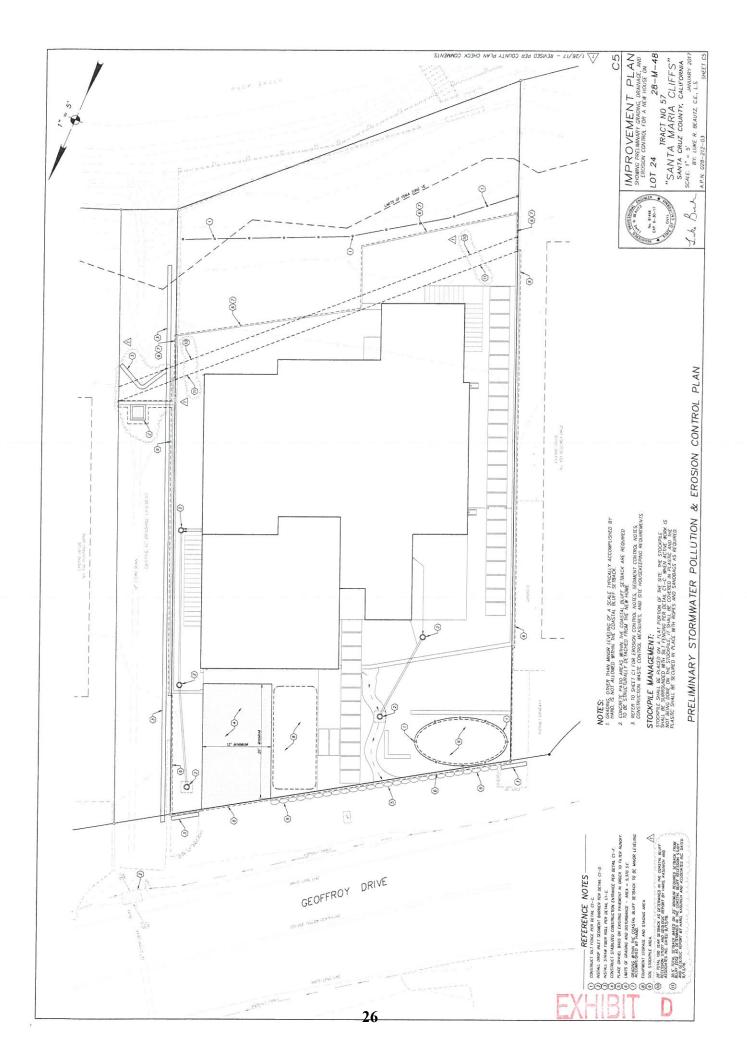
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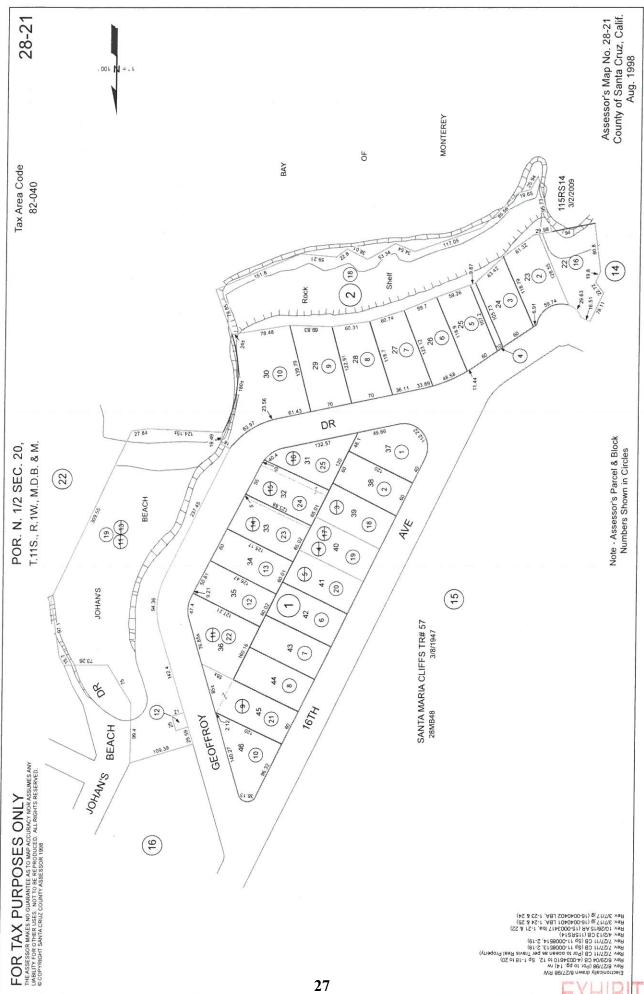
SCALE: NONE
BY: LUKE R. BEAUTZ, C.E., L.S.
A.P.N. 028-212-03
SHEET CI









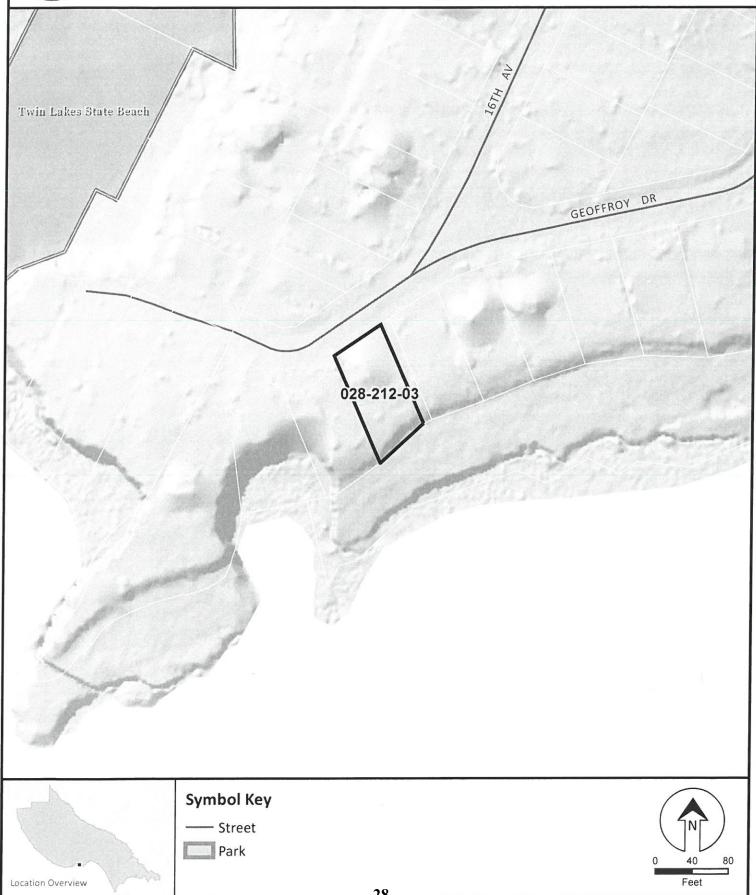




#### Parcel Location Map

Santa Cruz County Planning Department

Parcel Number 028-212-03 May. 11, 2017

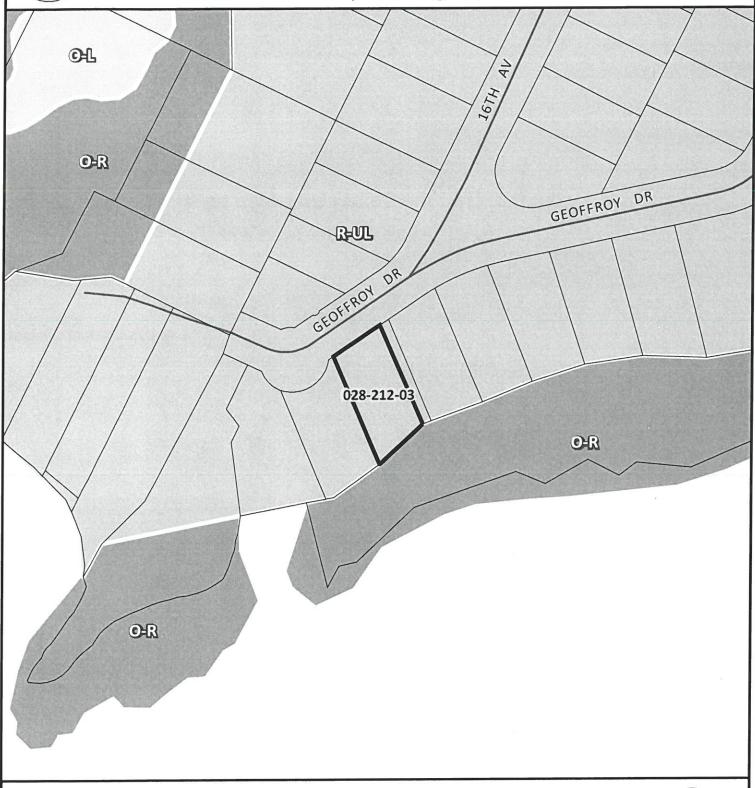




#### Parcel General Plan Map

Santa Cruz County Planning Department

Parcel Number 028-212-03 May. 11, 2017



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#### **General Plan**

O-L - Lake

O-R - Parks and Recreation

R-UL - Residential - Urban Low Density

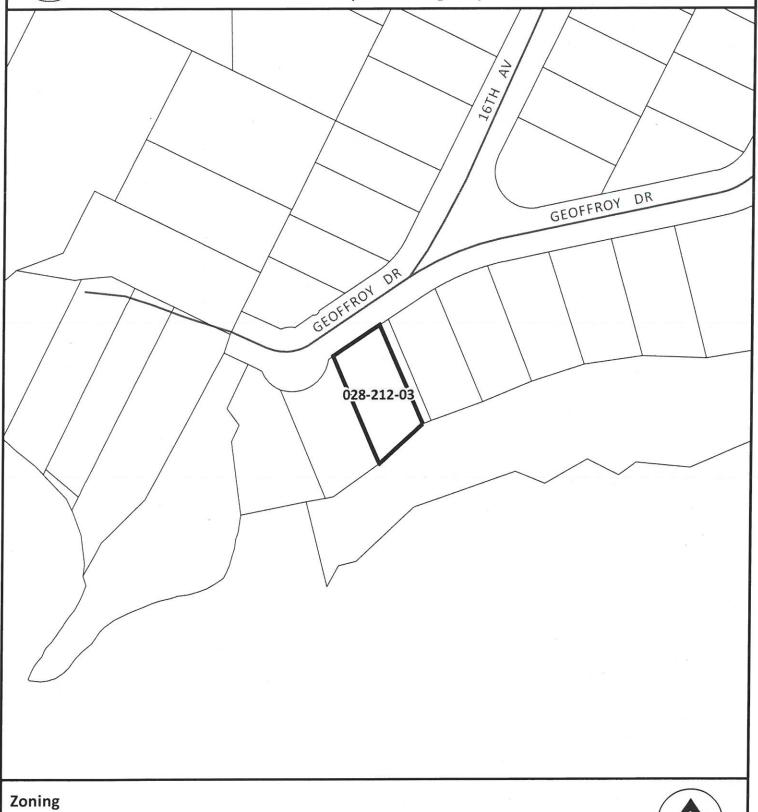


### OF SALAR PORTS

#### Parcel Zoning Map

Santa Cruz County Planning Department

Parcel Number **028-212-03** May. 11, 2017



EXHIBIT