

CALIFORNIA COASTAL COMMISSION

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**STAFF REPORT: REGULAR CALENDAR****APPLICATION NO.: 4-06-022****APPLICANT:** Andrew and Arlette Parker **AGENT:** Cary Gepner and Terry Valente**PROJECT LOCATION:** 19942 Valley View Drive, Malibu (Los Angeles County; APN 4446-017-015))**PROJECT DESCRIPTION:** Construction of a two story 1,152 sq. ft. single family residence with attached 480 sq. ft. garage, retaining walls, driveway, turnaround, and 50 cu. yds. of grading (all cut) at 19942 Valley View Drive, Topanga, Los Angeles County.

Lot area:	0.19 acres
Building coverage:	1,481 sq. ft.
Pavement coverage:	400 sq. ft.
Height:	32 ft.
Parking spaces:	2

LOCAL APPROVALS RECEIVED: Los Angeles County Health Department conceptual approval for private sewage disposal system; Los Angeles County Fire Department approval of Preliminary Fuel Modification Plan; and Los Angeles County Planning Department "Approval in Concept".**SUBSTANTIVE FILE DOCUMENTS:** "Updated Geologic and Soils Report, 19942 Valley View Drive, Topanga, CA" and "Preliminary Geologic and Soils Engineering Investigation" prepared by SubSurface Designs, Inc. in May 2006 and September 2003 respectively.**SUMMARY OF STAFF RECOMMENDATION**

Staff recommends **APPROVAL** of the proposed project with **TEN (10) SPECIAL CONDITIONS** regarding (1) geologic recommendations, (2) drainage and polluted runoff control, (3) landscaping and erosion control plans, (4) assumption of risk, (5) removal of natural vegetation, (6) lighting restrictions, (7) structural appearance, (8) deed restriction, (9) removal of excess excavated material and (10) future development restriction.

The applicant proposes to construct a two story, 32 foot high, 1,152 sq. ft. single family residence with attached 480 sq. ft. garage, retaining walls, driveway, turnaround, and 50 cu. yds. of grading (all cut and export). The project site is an undeveloped 0.19 acre hillside parcel located in the Fernwood small lot subdivision and surrounded by single-family developments in all directions. No environmentally sensitive habitat areas exist onsite or within the approved fuel modification area of the proposed residence. The proposed 1,152 sq. ft of habitable space is consistent with the maximum allowable gross structural area (GSA) of 1,349 sq. ft. for the building site.

The standard of review for the proposed permit application is the Chapter Three policies of the Coastal Act. As conditioned, the proposed project is consistent with all applicable Chapter Three policies of the Coastal Act.

STAFF RECOMMENDATION:

I. Approval with Conditions

The staff recommends that the Commission adopt the following resolution:

MOTION: *I move that the Commission approve Coastal Development Permit No. 4-06-022 pursuant to the staff recommendation.*

STAFF RECOMMENDATION OF APPROVAL:

Staff recommends a **YES** vote. Passage of this motion will result in approval of the permit as conditioned and adoption of the following resolution and findings. The motion passes only by affirmative vote of a majority of the Commissioners present.

RESOLUTION TO APPROVE THE PERMIT:

The Commission hereby approves a coastal development permit for the proposed development and adopts the findings set forth below on grounds that the development as conditioned will be in conformity with the policies of Chapter 3 of the Coastal Act and will not prejudice the ability of the local government having jurisdiction over the area to prepare a Local Coastal Program conforming to the provisions of Chapter 3. Approval of the permit complies with the California Environmental Quality Act because either 1) feasible mitigation measures and/or alternatives have been incorporated to substantially lessen any significant adverse effects of the development on the environment, or 2) there are no further feasible mitigation measures or alternatives that would substantially lessen any significant adverse impacts of the development on the environment.

II. Standard Conditions

1. **Notice of Receipt and Acknowledgment.** The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. **Expiration.** If development has not commenced, the permit will expire two years from the date on which the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. **Interpretation.** Any questions of intent or interpretation of any condition will be resolved by the Executive Director or the Commission.
4. **Assignment.** The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
5. **Terms and Conditions Run with the Land.** These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

III. Special Conditions

1. **Plans Conforming to Geologic Recommendations**

By acceptance of this permit, the applicant agrees to comply with the recommendations contained in the submitted geologic reports, "Updated Geologic and Soils Report, 19942 Valley View Drive, Topanga, CA" and "Preliminary Geologic and Soils Engineering Investigation" prepared by SubSurface Designs, Inc. in May 2006 and September 2003 respectively. These recommendations, including those concerning foundations, grading, site design, sewage disposal, and drainage, shall be incorporated into all final design and construction, and must be reviewed and approved by the consultant prior to commencement of development.

The final plans approved by the consultant shall be in substantial conformance with the plans approved by the Commission relative to construction, grading, sewage disposal, and drainage. Any substantial changes in the proposed development approved by the Commission that may be required by the consultant shall require amendment(s) to the permit(s) or new Coastal Development Permit(s).

2. **Drainage and Polluted Runoff Control Plans**

Prior to the issuance of the Coastal Development Permit, the applicant shall submit to the Executive Director for review and written approval, two sets of final drainage and

runoff control plans, including supporting calculations. The final plans shall be prepared by a licensed engineer and shall incorporate structural and non-structural Best Management Practices (BMPs) designed to control the volume, velocity and pollutant load of stormwater leaving the developed site. The plan shall be reviewed and approved by the consulting engineering geologist to ensure the plan is in conformance with geologist's recommendations. In addition to the specifications above, the plan shall be in substantial conformance with the following requirements:

- (a) Selected BMPs (or suites of BMPs) shall be designed to treat, infiltrate or filter the amount of stormwater runoff produced by all storms up to and including the 85th percentile, 24-hour runoff event for volume-based BMPs, and/or the 85th percentile, 1-hour runoff event, with an appropriate safety factor (i.e., 2 or greater), for flow-based BMPs.
- (b) Runoff shall be conveyed off site in a non-erosive manner.
- (c) Energy dissipating measures shall be installed at the terminus of outflow drains.
- (d) The plan shall include provisions for maintaining the drainage system, including structural BMPs, in a functional condition throughout the life of the approved development. Such maintenance shall include the following: (1) BMPs shall be inspected, cleaned and repaired when necessary prior to the onset of the storm season, no later than September 30th each year and (2) should any of the project's surface or subsurface drainage/filtration structures or other BMPs fail or result in increased erosion, the applicant/landowner or successor-in-interest shall be responsible for any necessary repairs to the drainage/filtration system or BMPs and restoration of the eroded area. Should repairs or restoration become necessary, prior to the commencement of such repair or restoration work, the applicant shall submit a repair and restoration plan to the Executive Director to determine if an amendment or new coastal development permit is required to authorize such work.

3. Landscaping and Erosion Control Plans

Prior to issuance of a Coastal Development Permit, the applicant shall submit landscaping and erosion control plans, prepared by a licensed landscape architect or a qualified resource specialist, for review and approval by the Executive Director. The plans shall incorporate the criteria set forth below. All development shall conform to the approved landscaping and erosion control plans:

A) Landscaping Plan

- 1) All graded & disturbed areas on the subject site shall be planted and maintained for erosion control purposes within (60) days of receipt of the certificate of occupancy for the residence. To minimize the need for irrigation all landscaping shall consist primarily of native/drought resistant plants, as listed by the California Native Plant Society, Santa Monica Mountains

Chapter, in their document entitled Recommended List of Plants for Landscaping in the Santa Monica Mountains, dated February 5, 1996. All native plant species shall be of local genetic stock. No plant species listed as problematic and/or invasive by the California Native Plant Society, the California Invasive Plant Council, or by the State of California shall be employed or allowed to naturalize or persist on the site. No plant species listed as a 'noxious weed' by the State of California or the U.S. Federal Government shall be utilized or maintained within the property.

- 2) All cut and fill slopes shall be stabilized with planting at the completion of final grading. Planting should be of native plant species indigenous to the Santa Monica Mountains using accepted planting procedures, consistent with fire safety requirements. All native plant species shall be of local genetic stock. Such planting shall be adequate to provide 90 percent coverage within two (2) years, and this requirement shall apply to all disturbed soils;
- 3) Plantings will be maintained in good growing condition throughout the life of the project and, whenever necessary, shall be replaced with new plant materials to ensure continued compliance with applicable landscape requirements;
- 4) The Permittee shall undertake development in accordance with the final approved plan. Any proposed changes to the approved final plan shall be reported to the Executive Director. No changes to the approved final plan shall occur without a Coastal Commission - approved amendment to the coastal development permit, unless the Executive Director determines that no amendment is required.
- 5) Vegetation within 20 feet of the proposed house may be removed to mineral earth, vegetation within a 200-foot radius of the main structure may be selectively thinned in order to reduce fire hazard. However, such thinning shall only occur in accordance with an approved long-term fuel modification plan submitted pursuant to this special condition. The fuel modification plan shall include details regarding the types, sizes and location of plant materials to be removed, and how often thinning is to occur. In addition, the applicant shall submit evidence that the fuel modification plan has been reviewed and approved by the Forestry Department of Los Angeles County. Irrigated lawn, turf and ground cover planted within the twenty foot radius of the proposed house shall be selected from the most drought tolerant species or subspecies, or varieties suited to the Mediterranean climate of the Santa Monica Mountains.
- 6) Rodenticides containing any anticoagulant compounds (including, but not limited to, Warfarin, Brodifacoum, Bromadiolone or Diphacinone) shall not be used.

B) Interim Erosion Control Plan

- 1) The plan shall delineate the areas to be disturbed by grading or construction activities and shall include any temporary access roads, staging areas and stockpile areas. The natural areas on the site shall be clearly delineated on the project site with fencing or survey flags.
- 2) The plan shall specify that should grading take place during the rainy season (November 1 – March 31) the applicant shall install or construct temporary sediment basins (including debris basins, desilting basins or silt traps), temporary drains and swales, sand bag barriers, silt fencing, stabilize any stockpiled fill with geofabric covers or other appropriate cover, install geotextiles or mats on all cut or fill slopes and close and stabilize open trenches as soon as possible. These erosion measures shall be required on the project site prior to or concurrent with the initial grading operations and maintained through out the development process to minimize erosion and sediment from runoff waters during construction. All sediment should be retained on-site unless removed to an appropriate approved dumping location either outside the coastal zone or to a site within the coastal zone permitted to receive fill.
- 3) The plan shall also include temporary erosion control measures should grading or site preparation cease for a period of more than 30 days, including but not limited to: stabilization of all stockpiled fill, access roads, disturbed soils and cut and fill slopes with geotextiles and/or mats, sand bag barriers, silt fencing; temporary drains and swales and sediment basins. The plans shall also specify that all disturbed areas shall be seeded with native grass species and include the technical specifications for seeding the disturbed areas. These temporary erosion control measures shall be monitored and maintained until grading or construction operations resume.

C) Monitoring.

Five years from the date of the receipt of the Certificate of Occupancy for the residence the applicant shall submit for the review and approval of the Executive Director, a landscape monitoring report, prepared by a licensed Landscape Architect or qualified Resource Specialist, that certifies the on-site landscaping is in conformance with the landscape plan approved pursuant to this Special Condition. The monitoring report shall include photographic documentation of plant species and plant coverage.

If the landscape monitoring report indicates the landscaping is not in conformance with or has failed to meet the performance standards specified in the landscaping plan approved pursuant to this permit, the applicant, or successors in interest, shall submit a revised or supplemental landscape plan for the review and approval of the Executive Director. The revised landscaping plan must be prepared by a licensed Landscape Architect or a

qualified Resource Specialist and shall specify measures to remediate those portions of the original plan that have failed or are not in conformance with the original approved plan.

4. Assumption of Risk

By acceptance of this permit, the applicant acknowledges and agrees (i) that the site may be subject to hazards from landslides and wildfire; (ii) to assume the risks to the applicant and the property that is the subject of this permit of injury and damage from such hazards in connection with this permitted development; (iii) to unconditionally waive any claim of damage or liability against the Commission, its officers, agents, and employees for injury or damage from such hazards; and (iv) to indemnify and hold harmless the Commission, its officers, agents, and employees with respect to the Commission's approval of the project against any and all liability, claims, demands, damages, costs (including costs and fees incurred in defense of such claims), expenses, and amounts paid in settlement.

5. Removal of Natural Vegetation

Removal of natural vegetation for the purpose of fuel modification within the 50 foot zone surrounding the proposed structure(s) shall not commence until the local government has issued a building or grading permit for the development approved pursuant to this permit. Vegetation thinning within the 50-200 foot fuel modification zone shall not occur until commencement of construction of the structure(s) approved pursuant to this permit

6. Lighting Restrictions

- A. The only outdoor night lighting allowed on the subject parcel is limited to the following:
- 1) The minimum necessary to light walkways used for entry and exit to the structures, including parking areas on the site. This lighting shall be limited to fixtures that do not exceed two feet in height above finished grade, are directed downward and generate the same or less lumens equivalent to those generated by a 60 watt incandescent bulb, unless a greater number of lumens is authorized by the Executive Director.
 - 2) Security lighting attached to the residence and garage shall be controlled by motion detectors and is limited to same or less lumens equivalent to those generated by a 60-watt incandescent bulb.
 - 3) The minimum necessary to light the entry area to the driveway with the same or less lumens equivalent to those generated by a 60-watt incandescent bulb.
- B. No lighting around the perimeter of the site and no lighting for aesthetic purposes is allowed.

7. Structural Appearance

Prior to the issuance of the Coastal Development Permit, the applicant shall submit for the review and approval of the Executive Director, a color palette and material specifications for the outer surface of all structures authorized by the approval of coastal development permit 4-06-022. The palette samples shall be presented in a format not to exceed 8 1/2" x 11" in size. The palette shall include the colors proposed for the all of the roofs, trims, exterior surfaces, retaining walls, or other structures authorized by this permit. Acceptable colors shall be limited to colors compatible with the surrounding environment (earth tones). Including shades of green, brown and gray with no white or light shades, galvanized steel, and no bright tones. All windows shall be comprised of non-glare glass.

The approved structures shall be colored with only the colors and materials authorized pursuant to this special condition. Alternative colors or materials for future repainting, resurfacing, or new windows may only be applied to the structures authorized by Coastal Development Permit 4-06-022 if such changes are specifically authorized by the Executive Director as complying with this special condition.

8. Deed Restriction

Prior to issuance of the Coastal Development Permit, the applicant shall submit to the Executive Director for review and approval documentation demonstrating that the applicant has executed and recorded a deed restriction, in a form and content acceptable to the Executive Director: (1) indicating that, pursuant to these permits, the California Coastal Commission has authorized development on the subject property, subject to terms and conditions that restrict the use and enjoyment of that property (hereinafter referred to as the "Standard and Special Conditions"); and (2) imposing all Standard and Special Conditions of these permits as covenants, conditions and restrictions on the use and enjoyment of the property. The deed restriction shall include a legal description of the applicant's entire parcel or parcels. The deed restriction shall also indicate that, in the event of an extinguishment or termination of the deed restriction for any reason, the terms and conditions of this permit shall continue to restrict the use and enjoyment of the subject property so long as either this permit or the development it authorizes, or any part, modification, or amendment thereof, remains in existence on or with respect to the subject property.

9. Removal of Excess Excavated Material

Prior to the issuance of the Coastal Development Permit, the applicant shall provide evidence to the Executive Director of the location of the disposal site for all excess excavated material from the site. If the disposal site is located in the Coastal Zone, the disposal site must have a valid coastal development permit for the disposal of fill material. If the disposal site does not have a coastal permit, such a permit will be required prior to the disposal of material.

10. Future Development Restriction

This permit is only for the development described in Coastal Development Permit No.4-06-022. Pursuant to Title 14 California Code of Regulations Section 13250(b)(6), the exemptions otherwise provided in Public Resources Code Section 30610 (a) shall not apply to the entire property. Accordingly, any future improvements to the entire property, including but not limited to the residence, garage, and clearing of vegetation, or grading other than as provided for in the approved fuel modification landscape and erosion control plan prepared pursuant to Special Condition Number Three (3), shall require an amendment to Permit No. 4-06-022 from the Commission or shall require an additional coastal development permit from the Commission or from the applicable certified local government.

IV. Findings and Declarations

The Commission hereby finds and declares:

A. Project Description and Background

The applicant proposes to construct a two story 1,152 sq. ft. single family residence with attached 480 sq. ft. garage, retaining walls, driveway, turnaround, and 50 cu. yds. of grading (all cut and export).

The project site is an undeveloped 0.19 acre hillside parcel situated along the north side of Valley View Drive, immediately east of its intersection with Basin Drive in the Santa Monica Mountains area. The lot is located in the Fernwood small lot subdivision and is surrounded in all directions by single-family residences. The majority of these residences were built prior to the effective date of the Coastal Act in 1977. The proposed area of residential construction is upon a gently sloping, terraced building pad situated along the crest of an east trending ridge within the southern portion of the lot. Slopes descend northerly from the pad at a slope ratio of approximately 1.5:1 to 2:1. The building pad is vegetated primarily with non-native grasses, while the slope areas are covered with a moderate growth of native scrub brush, grasses, and small to medium sized trees. Due to the surrounding residential development and fuel modification required for these residences, the parcel and surrounding areas have been cleared and thinned of vegetation. No environmentally sensitive habitat areas exist onsite or within the approved fuel modification area of the proposed residence (**Exhibits 1-3**). Additionally, no oak trees or their canopies are located within the proposed development area. The proposed residence, garage, driveway, turnaround, and retaining walls would all be located on the building pad and southern entrance to the building pad from Valley View Road.

B. Geologic and Wildfire Hazard

The proposed development is located in the Santa Monica Mountains, an area that is generally considered to be subject to an unusually high amount of natural hazards. Geologic hazards common to the Santa Monica Mountains area include landslides, erosion, and flooding. In addition, fire is an inherent threat to the indigenous chaparral community of the coastal mountains. Wildfires often denude hillsides in the Santa Monica Mountains of all existing vegetation, thereby contributing to an increased potential for erosion and landslides on property.

Section 30253 of the Coastal Act states in pertinent part that new development shall:

- (1) Minimize risks to life and property in areas of high geologic, flood, and fire hazard.***
- (2) Assure stability and structural integrity, and neither create nor contribute significantly to erosion, instability, or destruction of the site or surrounding area or in any way require the construction of protective devices that would substantially alter natural landforms along bluffs and cliffs.***

Geology

Section 30253 of the Coastal Act mandates that new development be sited and designed to provide geologic stability and structural integrity, and minimize risks to life and property in areas of high geologic, flood, and fire hazard. The applicant has submitted the "Updated Geologic and Soils Report, 19942 Valley View Drive, Topanga, CA" and "Preliminary Geologic and Soils Engineering Investigation" prepared by SubSurface Designs, Inc. in May 2006 and September 2003 respectively. These reports address the geologic conditions on the site, including drainage, subsurface conditions, groundwater, landslides, faulting, and seismicity.

The subject property is located within the central portion of the Santa Monica Mountains in the Fernwood area of Los Angeles County. The proposed area of residential construction is upon a gently sloping, terraced building pad situated along the crest of an east trending ridge within the southern portion of the lot. Slopes descend northerly from the pad at a slope ratio of approximately 1.5:1 to 2:1. Historic landslide areas surround the building pad to the north and south. The building pad and access driveway, though, are located on sandstone bedrock.

The geologic consultant has found the geology of the proposed project site to be suitable for the construction of a single-family residence. The geologic and geotechnical engineering consultants in their geologic and engineering report that:

It is the finding of this firm, based upon the subsurface data, that the proposed residence will not be affected by settlement, landsliding, or slippage. Further, the proposed development and grading will not have an adverse effect on off-site property.

The engineering geologic and geotechnical consultant conclude that the proposed development is feasible and will be free from geologic hazard provided their recommendations are incorporated into the proposed development. The geologic and geotechnical reports contains several recommendations to be incorporated into project construction, design, drainage, foundations, and sewage disposal to ensure the stability and geologic safety for the proposed project site and adjacent properties.

In order to ensure that the recommendations of the geologic consultant have been incorporated into all proposed development, the Commission, as specified in **Special Condition One (1)**, requires the applicant to incorporate the recommendations cited in the geotechnical reports into all final design and construction plans. Final plans approved by the consultant shall be in substantial conformance with the plans approved by the Commission. Any substantial changes to the proposed developments, as approved by the Commission, which may be recommended by the consultant, shall require an amendment to the permit or a new coastal development permit.

The Commission finds that controlling and diverting run-off in a non-erosive manner from the proposed structures, impervious surfaces, and building pad will also add to the geologic stability of the project site. Therefore, in order to minimize erosion and ensure stability of the project site, and to ensure that adequate drainage and erosion control is included in the proposed development, the Commission requires the applicants to submit drainage and erosion control plans certified by the geotechnical engineer, as specified in **Special Conditions Two (2) and Three (3)**.

Further, the Commission finds that landscaping of graded and disturbed areas on the subject site will serve to stabilize disturbed soils, reduce erosion and thus enhance and maintain the geologic stability of the site. **Special Condition Three (3)** requires the applicant to utilize and maintain native and noninvasive plant species compatible with the surrounding area for landscaping the project site.

Invasive and non-native plant species are generally characterized as having a shallow root structure in comparison with their high surface/foilage weight. The Commission notes that non-native and invasive plant species with high surface/foilage weight and shallow root structures do not serve to stabilize slopes and that such vegetation results in potential adverse effects to the stability of the project site. Native species, alternatively, tend to have a deeper root structure than non-native and invasive species, and once established aid in preventing erosion. Therefore, the Commission finds that in order to ensure site stability, all slopes and disturbed and graded areas of the site shall be landscaped with appropriate native plant species, as specified in **Special Condition Three (3)**.

Furthermore, in order to ensure that vegetation clearance for fire protection purposes does not occur prior to commencement of grading or construction of the proposed structures, the Commission finds that it is necessary to impose a restriction on the removal of natural vegetation as specified in **Special Condition Five (5)**. This

restriction specifies that natural vegetation shall not be removed until grading or building permits have been secured and construction of the permitted structures has commenced. The limitation imposed by **Special Condition Five (5)** avoids loss of natural vegetative coverage resulting in unnecessary erosion in the absence of adequately constructed drainage and run-off control devices and implementation of the landscape and interim erosion control plans.

The Commission notes that because there remains some inherent risk in building adjacent to historic landslides, which exist near the subject site, but are not located on the subject site, the Commission can only approve the project if the applicant assumes the liability from the associated risks as required by **Special Condition Four (4)**. The assumption of risk will show that the applicant is aware of and appreciates the nature of the hazards which exist on the site and which may adversely affect the stability or safety of the proposed development and agrees to assume any liability for the same.

Special Condition Eight (8) requires the applicant to record a deed restriction that imposes the terms and conditions of this permit as restriction on use and enjoyment of the property and provides any prospective purchaser of the site with recorded notice that the restriction are imposed on the subject property.

The Commission finds that the proposed project, as conditioned, will serve to minimize potential geologic hazards of the project site and adjacent properties, as outlined in §30253 of the Coastal Act

Wildfire

The proposed project is located in the Santa Monica Mountains, an area subject to an extraordinary potential for damage or destruction from wild fire. Typical vegetation in the Santa Monica Mountains consists mostly of coastal sage scrub and chaparral. Many plant species common to these communities produce and store terpenes, which are highly flammable substances (Mooney in Barbour, *Terrestrial Vegetation of California*, 1988). Chaparral and sage scrub communities have evolved in concert with, and continue to produce the potential for, frequent wild fires. The typical warm, dry summer conditions of the Mediterranean climate combine with the natural characteristics of the native vegetation to pose a risk of wild fire damage to development that cannot be completely avoided or mitigated.

Due to the fact that the proposed project is located in an area subject to an extraordinary potential for damage or destruction from wild fire, the Commission can only approve the project if the applicant assumes the liability from these associated risks. Through **Special Condition Four (4)**, the assumption of risk, the applicant acknowledges the nature of the fire hazard which exists on the site and which may affect the safety of the proposed development. Moreover, through acceptance of Special Condition No. 4, the applicant also agrees to indemnify the Commission, its officers, agents and employees against any and all expenses or liability arising out of

the acquisition, design, construction, operation, maintenance, existence, or failure of the permitted project.

For the reasons set forth above, the Commission finds that, as conditioned, the proposed project is consistent with §30253 of the Coastal Act.

C. Water Quality

The Commission recognizes that new development in the Santa Monica Mountains has the potential to adversely impact coastal water quality through the removal of native vegetation, increase of impervious surfaces, increase of runoff, erosion, and sedimentation, and introduction of pollutants such as petroleum, cleaning products, pesticides, and other pollutant sources, as well as effluent from septic systems. Section 30231 of the Coastal Act states:

The biological productivity and the quality of coastal waters, streams, wetlands, estuaries, and lakes appropriate to maintain optimum populations of marine organisms and for the protection of human health shall be maintained and, where feasible, restored through, among other means, minimizing adverse effects of waste water discharges and entrainment, controlling runoff, preventing depletion of ground water supplies and substantial interference with surface water flow, encouraging waste water reclamation, maintaining natural vegetation buffer areas that protect riparian habitats, minimizing alteration of natural streams.

The subject property is located on a hilltop that is located in the Topanga Canyon watershed. The proposed development will result in an increase in impervious surface, which, in turn, decreases the infiltrative function and capacity of existing permeable land on site. The reduction in permeable space leads to an increase in the volume and velocity of stormwater runoff that can be expected to leave the site. Further, pollutants commonly found in runoff associated with residential use include petroleum hydrocarbons including oil and grease from vehicles; heavy metals; synthetic organic chemicals including paint and household cleaners; soap and dirt from washing vehicles; dirt and vegetation from yard maintenance; litter; fertilizers, herbicides, and pesticides; and bacteria and pathogens from animal waste. The discharge of these pollutants to coastal waters can cause cumulative impacts such as: eutrophication and anoxic conditions resulting in fish kills and diseases and the alteration of aquatic habitat, including adverse changes to species composition and size; excess nutrients causing algae blooms and sedimentation increasing turbidity which both reduce the penetration of sunlight needed by aquatic vegetation which provide food and cover for aquatic species; disruptions to the reproductive cycle of aquatic species; and acute and sublethal toxicity in marine organisms leading to adverse changes in reproduction and feeding behavior. These impacts reduce the biological productivity and the quality of

coastal waters, streams, wetlands, estuaries, and lakes and reduce optimum populations of marine organisms and have adverse impacts on human health.

Therefore, in order to find the proposed development consistent with the water and marine resource policies of the Coastal Act, the Commission finds it necessary to ensure the incorporation of Best Management Practices designed to control the volume, velocity and pollutant load of stormwater leaving the developed site into the proposed project. Critical to the successful function of post-construction structural BMPs in removing pollutants in stormwater to the Maximum Extent Practicable (MEP), is the application of appropriate design standards for sizing BMPs. The majority of runoff is generated from small storms because most storms are small. Additionally, stormwater runoff typically conveys a disproportionate amount of pollutants in the initial period that runoff is generated during a storm event. Designing BMPs for the small, more frequent storms, rather than for the large infrequent storms, results in improved BMP performance at lower cost.

The Commission finds that sizing post-construction structural BMPs to accommodate (infiltrate, filter or treat) the runoff from the 85th percentile storm runoff event, in this case, is equivalent to sizing BMPs based on the point of diminishing returns (i.e. the BMP capacity beyond which, insignificant increases in pollutants removal (and hence water quality protection) will occur, relative to the additional costs. Therefore, the Commission requires the selected post-construction structural BMPs be sized based on design criteria specified in **Special Condition Two (2)**, and finds this will ensure the proposed development will be designed to minimize adverse impacts to coastal resources, in a manner consistent with the water and marine policies of the Coastal Act.

Furthermore, interim erosion control measures implemented during construction and post construction landscaping will serve to minimize the potential for adverse impacts to water quality resulting from drainage runoff during construction and in the post-development stage. Therefore, the Commission finds that **Special Condition Three (3)** is necessary to ensure the proposed development will not adversely impact water quality or coastal resources.

Finally, the proposed development includes the installation of an onsite private sewage disposal system to serve the residence (**Exhibit 3**). The County of Los Angeles Environmental Health Department has given in-concept approval of the proposed septic system, determining that the system meets the requirements of the plumbing code. The Commission has found that conformance with the provisions of the plumbing code is protective of resources. Therefore, the Commission finds that the proposed project, as conditioned, is consistent with Section 30231 of the Coastal Act.

D. Visual Resources

Section 30251 of the Coastal Act states:

The scenic and visual qualities of coastal areas shall be considered and protected as a resource of public importance. Permitted development shall be sited and designed to protect views to and along the ocean and scenic coastal areas, to minimize the alteration of natural land forms, to be visually compatible with the character of surrounding areas, and, where feasible, to restore and enhance visual quality in visually degraded areas. New development in highly scenic areas such as those designated in the California Coastline Reservation and Recreation Plan prepared by the Department of Parks and Recreation and by local government shall be subordinate to the character of its setting.

Section 30251 of the Coastal Act requires scenic and visual qualities to be considered and preserved. Section 30251 also requires that development be sited and designed to protect views of scenic areas, minimize alteration of landforms, and be visually compatible with the surrounding area. The Commission is required to review the publicly accessible locations where the proposed development is visible to assess potential visual impacts to the public.

The subject site is located within a moderately developed small lot subdivision in a rural area characterized by expansive, naturally vegetated mountains and hillsides. The site is located on the side of hill and is visible from public roads in the Topanga area. Residential development surrounds the property in all directions. Several existing or approved houses are within 200 ft of the subject lot and, as a result, the lot has been cleared for fire protection purposes.

The applicant proposes to construct a two story 1,152 sq. ft. single family residence with attached 480 sq. ft. garage, retaining walls, driveway, turnaround, and 50 cu. yds. of grading (all cut and export). The maximum heights of the single family residence and associated retaining walls are 32 feet and 7 feet from existing grade respectively. The proposed residence is not excessive in height or size and is compatible with other existing residential development in the area. As the proposed residence will be unavoidably visible from public viewing areas, however, the Commission finds it necessary to require mitigation measures to minimize visual impacts associated with development of the project site.

The visual impact of the proposed structure can be minimized by requiring these structures be finished in a color consistent with the surrounding natural landscape and, further, by requiring that windows on the proposed residence be made of non-reflective glass. To ensure visual impacts associated with the colors of the structure and the potential glare of the window glass are minimized, the Commission requires the applicant to use colors compatible with the surrounding environment and non-glare glass, as detailed in **Special Condition Seven (7)**.

Visual impacts associated with proposed development can be further reduced by the use of appropriate and adequate landscaping. Therefore, **Special Condition Three (3)**

requires the applicant to ensure that the vegetation on site remains visually compatible with the native flora of surrounding areas. To ensure that the final approved landscaping plans are successfully implemented, **Special Condition Two (2)** also requires the applicant to revegetate all disturbed areas in a timely manner and includes a monitoring component to ensure the successful establishment of all newly planted and landscaped areas over time.

In addition, the Commission has found that night lighting of areas in the Malibu/Santa Monica Mountains area creates a visual impact to nearby scenic roads and trails. In addition, night lighting may alter or disrupt feeding, nesting, and roosting activities of native wildlife species. Therefore, **Special Condition Six (6)** limits night lighting of the site in general; limits lighting to the developed area of the site; and specifies that lighting be shielded downward. The restriction on night lighting is necessary to protect the nighttime rural character of this portion of the Santa Monica Mountains consistent with the scenic and visual qualities of this coastal area.

Further, **Special Condition Eight (8)** requires the applicant to record a deed restriction that imposes the terms and conditions of this permit as restrictions on use and enjoyment of the subject property and provides any prospective purchaser with recorded notice that the restrictions are imposed on the subject property. The project as conditioned is consistent with Section 30251 of the Coastal Act.

E. Cumulative Development

Sections 30250 and 30252 of the Coastal Act address the cumulative impacts of new developments. Section 30250 (a) of the Coastal Act states:

New residential, commercial, or industrial development, except as otherwise provided in this division, shall be located within, contiguous with, or in close proximity to, existing developed areas able to accommodate it or, where such areas are not able to accommodate it, in other areas with adequate public services and where it will not have significant adverse effects, either individually or cumulatively, on coastal resources. In addition, land divisions, other than leases for agricultural uses, outside existing developed areas shall be permitted only where 50 percent of the usable parcels in the area have been developed and the created parcels would be no smaller than the average size of surrounding parcels.

Section 30252 of the Coastal Act states:

The location and amount of new development should maintain and enhance public access to the coast by (1) facilitating the provision or extension of transit service, (2) providing commercial facilities within or adjoining residential development or in other areas that will minimize the use of coastal access roads, (3) providing non-

automobile circulation within the development, (4) providing adequate parking facilities or providing substitute means of serving the development with public transportation, (5) assuring the potential for public transit for high intensity uses such as high-rise office buildings, and by (6) assuring that the recreational needs of new residents will not overload nearby coastal recreation areas by correlating the amount of development with local park acquisition and development plans with the provision of onsite recreational facilities to serve the new development.

Section 30105.5 of the Coastal Act defines the term "cumulatively," as it is used in Section 30250(a), to mean that:

the incremental effects of an individual project shall be reviewed in conjunction with the effects of past projects, the effects of other current projects, and the effects of probable future projects.

The proposed project involves the construction of a new single-family residence, which is "development" as defined under the Coastal Act. Pursuant to Coastal Act Sections 30250 and 30252 cited above, new development raises issues relative to cumulative impacts on coastal resources.

Throughout the Malibu/Santa Monica Mountains coastal zone there are a number of areas that were subdivided in the 1920's and 30's into very small "urban" scale lots. These subdivisions, known as "small lot subdivisions" are comprised of parcels of less than one acre but more typically range in size from 4,000 to 5,000 square feet. The total buildout of these dense subdivisions would result in a number of adverse cumulative impacts to coastal resources. Cumulative development constraints common to small lot subdivisions were documented by the Coastal Commission and the Santa Monica Mountains Comprehensive Planning Commission in the January 1979 study entitled: "Cumulative Impacts of Small Lot Subdivision Development in the Santa Monica Mountains Coastal Zone".

The study acknowledged that the existing small lot subdivisions can only accommodate a limited amount of additional new development due to major constraints to buildout of these areas that include: Geologic, road access, water quality, disruption of rural community character, creation of unreasonable fire hazards and others. Following an intensive one year planning effort regarding impacts on coastal resources by Coastal Commission staff, including five months of public review and input, new development standards relating to residential development on small lots in hillsides, including the Slope-Intensity/Gross Structural Area Formula (GSA) were incorporated into the Malibu District Interpretive Guidelines in June 1979. A nearly identical Slope Intensity Formula was incorporated into the 1986 certified Malibu/Santa Monica Mountains Land Use Plan under policy 271(b)(2) to reduce the potential effects of buildout as discussed below.

The Commission has found that minimizing the cumulative impacts of new development is especially critical in the Malibu/Santa Monica Mountains area because of the large number of lots that already exist, many in remote, rugged mountain and canyon areas. From a comprehensive planning perspective, the potential development of thousands of existing undeveloped and poorly sited parcels in these mountains creates cumulative impacts on coastal resources and public access over time. Because of this, the demands on road capacity, public services, recreational facilities, and beaches could be expected to grow tremendously.

Policy 271(b)(2) of the Malibu/Santa Monica Mountains LUP, which has been used as guidance by the Commission, requires that new development in small lot subdivisions comply with the Slope Intensity Formula for calculating the allowable Gross Structural Area (GSA) of a residential unit. Past Commission action certifying the LUP indicates that the Commission considers the use of the Slope Intensity Formula appropriate for determining the maximum level of development that may be permitted in small lot subdivision areas consistent with the policies of the Coastal Act. The basic concept of the formula assumes the suitability of development of small hillside lots should be determined by the physical characteristics of the building site, recognizing that development on steep slopes has a high potential for adverse impacts on resources. Following is the formula and description of each factor used in its calculation:

Slope Intensity Formula:

$$\text{GSA} = (A/5) \times ((50-S)/35) + 500$$

GSA = the allowable gross structural area of the permitted development in square feet. The GSA includes all substantially enclosed residential and storage areas, but does not include garages or carports designed for storage of autos.

A = the area of the building site in square feet. The building site is defined by the applicant and may consist of all or a designated portion of the one or more lots comprising the project location. All permitted structures must be located within the designated building site.

S = the average slope of the building site in percent as calculated by the formula:

$$S = I \times L/A \times 100$$

I = contour interval in feet, at not greater than 25-foot intervals, resulting in at least 5 contour lines

L = total accumulated length of all contours of interval "I" in feet

A = the area being considered in square feet

In addition, pursuant to Policy 271 of the Malibu/Santa Monica Mountains LUP, the maximum allowable gross structural area (GSA) as calculated above, may be increased as follows:

- (1) Add 500 square feet for each lot which is contiguous to the designated building site provided that such lot(s) is (are) combined with the building site and all potential for residential development on such lot(s) is permanently extinguished.
- (2) Add 300 square feet for each lot in the vicinity of (e.g. in the same small lot subdivision) but not contiguous with the designated building site provided that such lot(s) is (are) combined with other developed or developable building sites, or dedicated in fee title to a public agency, and all potential for residential development on such lot(s) is permanently extinguished.

The proposed project is located in the Fernwood small lot subdivision and involves the construction of a new 32 ft. high, two story, 1,152 sq. ft. single family residence with attached 480 sq. ft. garage, retaining walls, driveway, turnaround, and 50 cu. yds. of grading (all cut and export) on an 8,150 sq. ft. (0.19 acre) lot in the subdivision. The applicant has submitted a GSA calculation in conformance with Policy 271(b)(2) of the Malibu/Santa Monica Mountains LUP. This calculation arrived at a maximum GSA of 1,349 sq. ft. of habitable space. Staff has confirmed that the applicant's calculations conform to the formula used by the commission in past permit decisions. The proposed 1,152 sq. ft. of habitable space is consistent with the maximum allowable GSA of 1,349 sq. ft.

Some additions and improvements to residences on small steep lots within these small lot subdivisions have been found to adversely impact the area. Many of the lots in these areas are so steep or narrow that they cannot support a large residence without increasing or exacerbating the geologic hazards on and/or off site. Additional buildout of small lot subdivisions affects water usage and has the potential to impact water quality of coastal streams in the area. Other impacts to these areas from the buildout of small lot subdivisions include increases in traffic along mountain road corridors and greater fire hazards. For all of these reasons, future improvements on the subject property could cause adverse cumulative impacts on the limited resources of the subdivision. The Commission, therefore, finds it necessary to require Commission approval for any future improvements on this lot, as noted in **Special Condition No. Ten (10)**, which would ensure that any future structures, additions, change in landscaping or intensity of use at the project site, that may otherwise be exempt from coastal permit requirements, are reviewed by the Commission for consistency with the resource protection policies of the Coastal Act.

Finally, **Special Condition No. Eight (8)** requires the applicant to record a deed restriction that imposes the terms and conditions of this permit as restrictions on use

and enjoyment of the property and provides any prospective purchaser of the site with recorded notice that the restrictions are imposed on the subject property.

The Commission therefore finds that the proposed project, only as conditioned, is consistent with Sections 30250(a) and 30252 of the Coastal Act.

F. Local Coastal Program

Section 30604 of the Coastal Act states:

a) Prior to certification of the local coastal program, a coastal development permit shall be issued if the issuing agency, or the commission on appeal, finds that the proposed development is in conformity with the provisions of Chapter 3 (commencing with Section 30200) of this division and that the permitted development will not prejudice the ability of the local government to prepare a local program that is in conformity with the provisions of Chapter 3 (commencing with Section 30200).

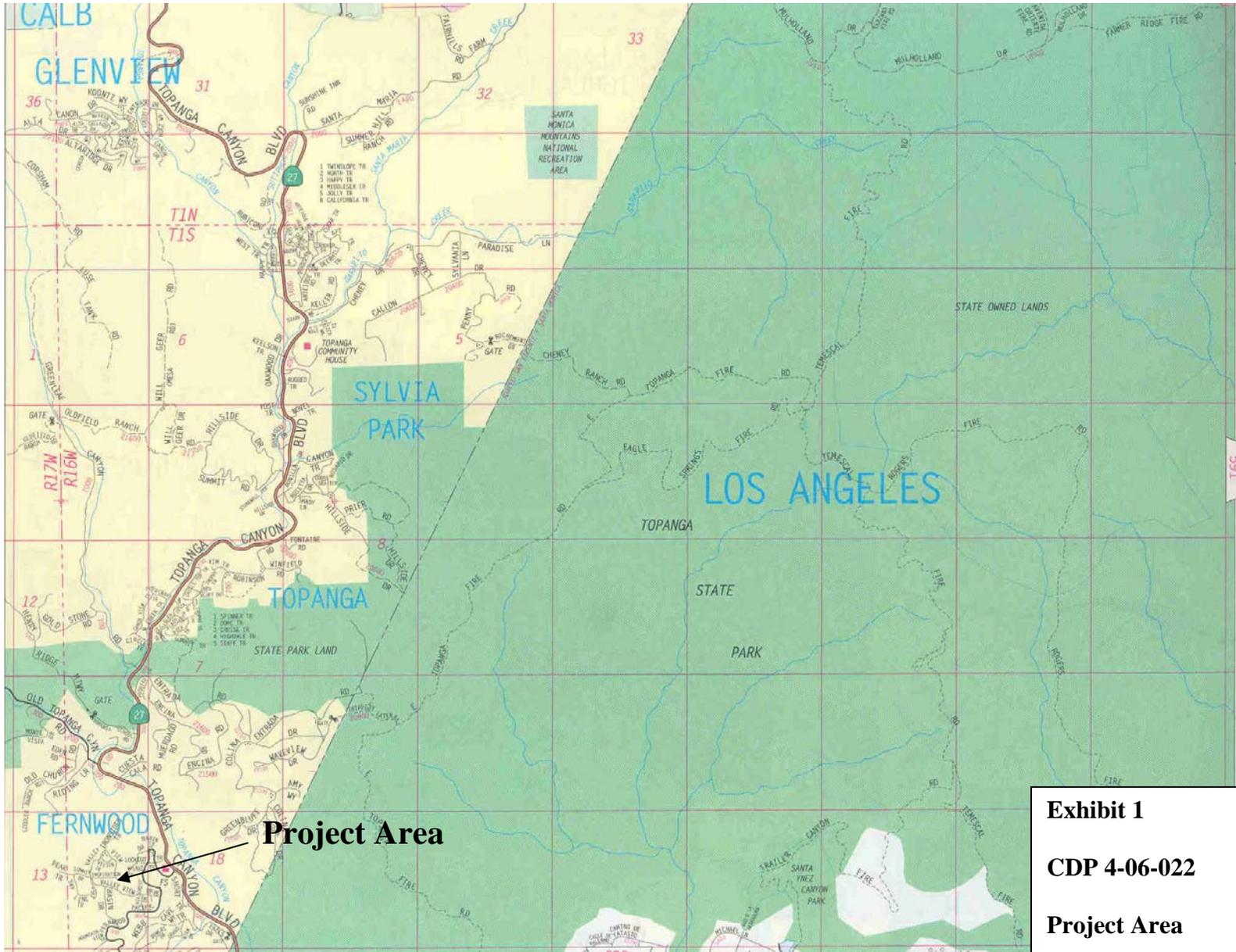
Section 30604(a) of the Coastal Act provides that the Commission shall issue a Coastal Development Permit only if the project will not prejudice the ability of the local government having jurisdiction to prepare a Local Coastal Program, which conforms to Chapter 3 policies of the Coastal Act. The preceding sections provide findings that the proposed project will be in conformity with the provisions of Chapter 3 if certain conditions are incorporated into the projects and are accepted by the applicant. As conditioned, the proposed developments will not create adverse impacts and is found to be consistent with the applicable policies contained in Chapter 3. Therefore, the Commission finds that approval of the proposed developments, as conditioned, will not prejudice the County of Los Angeles' ability to prepare a Local Coastal Program for this area which is also consistent with the policies of Chapter 3 of the Coastal Act, as required by Section 30604(a).

G. California Environmental Quality Act

Section 13096(a) of the Commission's administrative regulations requires Commission approval of a Coastal Development Permit application to be supported by a finding showing the application, as conditioned by any conditions of approval, to be consistent with any applicable requirements of the California Environmental Quality Act (CEQA). Section 21080.5(d)(2)(A) of CEQA prohibits a proposed development from being approved if there are feasible alternatives or feasible mitigation measures available which would substantially lessen any significant adverse effect that the activity may have on the environment.

The Commission incorporates its findings on Coastal Act consistency at this point as if set forth in full. These findings address and respond to all public comments regarding potential significant adverse environmental effects of the project that were received prior

to preparation of the staff report. As discussed above, the proposed development, as conditioned, is consistent with the policies of the Coastal Act. Feasible mitigation measures which will minimize all adverse environmental effects have been required as special conditions. As conditioned, there are no feasible alternatives or feasible mitigation measures available, beyond those required, which would substantially lessen any significant adverse impact that the activity may have on the environment. Therefore, the Commission finds that the proposed project, as conditioned to mitigate the identified impacts, can be found to be consistent with the requirements of the Coastal Act to conform to CEQA.

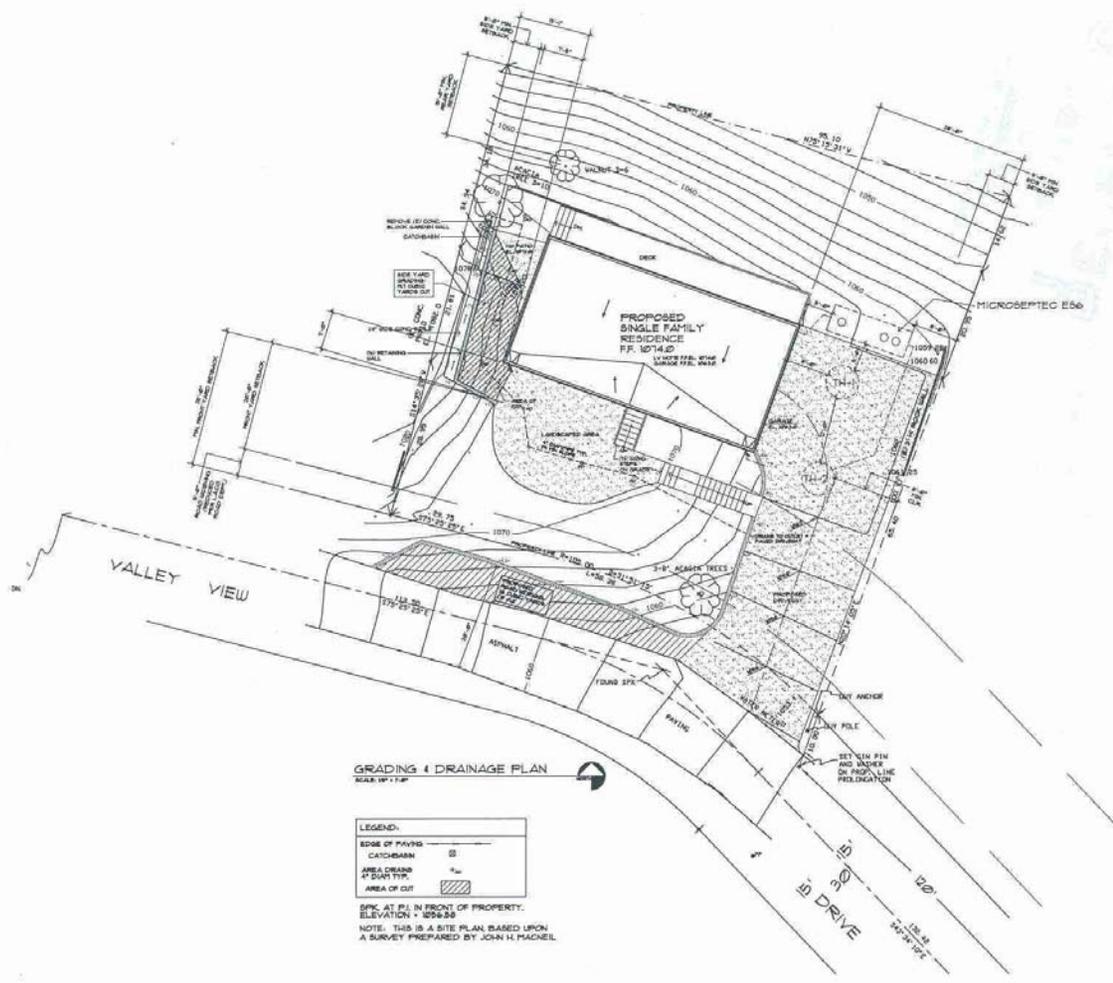


Project Area

Exhibit 1
CDP 4-06-022
Project Area



Exhibit 2
CDP 4-06-022
Aerial Photo



SITE VICINITY MAP

PROJECT STATISTICS

OWNER: ANDREW PARKER
304 WASHINGTON AVE.
SANTA MONICA, CA 90404

PROJECT ADDRESS: 1942 VALLEY VIEW CIR
TOPANGA, CA 90290

LEGAL DESCRIPTION: TRACT 898, LOT 28, BLOCK 9
APN: 4444-071-05

SCOPE OF WORK:
- NEW SINGLE FAMILY RESIDENCE WITH REAR CANTILEVERED DECK
- 7' DEEP FRONT RETAINING WALL & SIDE YARD
- PROPOSED 4' SIDE DRAINAGE WITH 18" PIPES FOR RET. WALL
- PROPOSED 8" DRAIN (1" DIA. x 10' SPACING) P10.1
- PROPOSED 451 CUBIC YDS OF CUT

AREA TABLED:

PROPOSED RESIDENCE	1074.00
PERMANENT RESIDENCE (1.5X AREA) (30' AGP)	1611.00
GRAVEYARD (1.5X 50' FT. TOTAL CONTRACTOR)	1611.00

GRADING CALCULATION:

SIDE & FRONT YARD CUT SLOPE:	451 CUBIC YARDS
OCCUPANCY:	RESIDENCE R-1
AVERAGE:	0.11

PROJECT CONSULTANTS

LY HOPK: ROCKY RICHARD L.L.C.
DESIGNER: PO BOX 58
PENNYVILLE, MO 64778
3737 367-9700

PROJECT ARCHITECT: CARY DEPPER & ASSOCIATES
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CALABAZAS, CALIFORNIA 94508
(925) 295-1712 FAX (925) 295-1715

SOIL ENGINEER: SUB-SURFACE
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STYLAR, CALIFORNIA 9542
(925) 298-8700 FAX (925) 298-4829

SURVEYOR: JOHN HANDEL
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TOPANGA, CALIFORNIA 90290
(310) 468-7093

STRUCTURAL ENGINEER: SUB-SURFACE
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(925) 298-8700 FAX (925) 298-4829

CIVIL ENGINEER: HAROLD B. BLUTZKY
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CALABAZAS, CALIFORNIA 94508
(925) 295-1712 FAX (925) 295-1715

SHEET INDEX

ARCHITECTURAL:
A. SITE PLAN
B. PROJECT INFORMATION
C. FLOOR PLANS
D. ELEVATIONS

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(925) 295-1712 (925) 295-1715
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Sheet Title

GRADING & DRAINAGE PLAN

Job Name

PARKER RESIDENCE

1942 VALLEY VIEW CIR
TOPANGA, CA 90290

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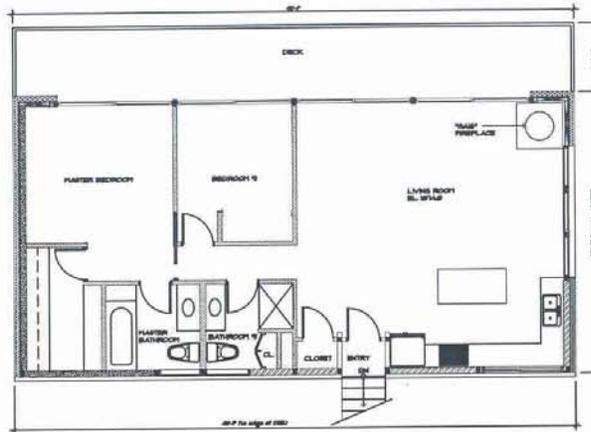
Date-Revs.

8-31-06
1-3-07 POKY REV

Exhibit 3a

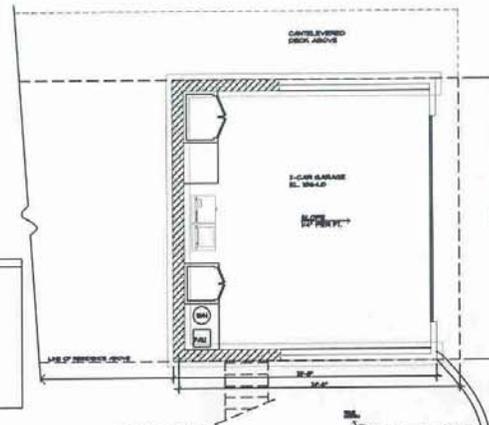
CDP 4-06-022

Project Plans

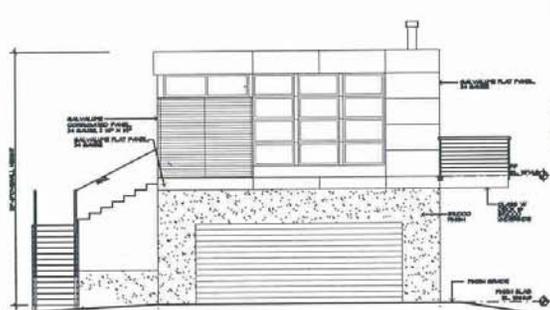


MAIN FLOOR PLAN
SCALE 1/4" = 1'-0"

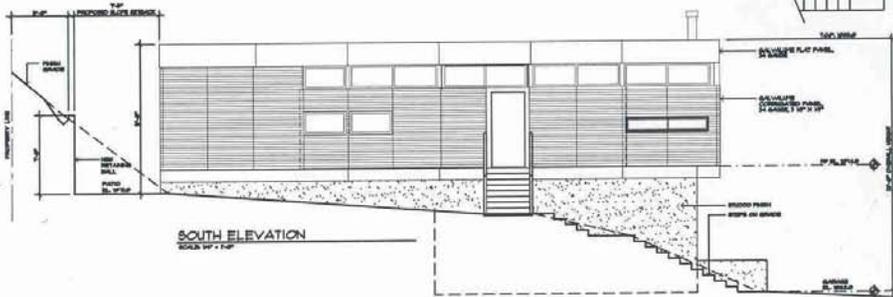
- LEGEND**
- A BRICKS INTERIOR WALL, 1/2" P. WALL, 8" WOOD STUDS @ 16" O.C. @ 1/2" WOOD JOIST @ 16" O.C. ON TOP OF BRICKS ON WALLS.
 - B BRICKS INTERIOR WALL, 1/2" P. WALL, 8" WOOD STUDS @ 16" O.C. @ 1/2" WOOD JOIST @ 16" O.C. ON TOP OF BRICKS ON WALLS.
 - C BRICKS EXTERIOR WALL, 1/2" P. WALL, 8" WOOD STUDS @ 16" O.C. @ 1/2" WOOD JOIST @ 16" O.C. ON TOP OF BRICKS ON WALLS.
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 - J BRICKS EXTERIOR WALL, 1/2" P. WALL, 8" WOOD STUDS @ 16" O.C. @ 1/2" WOOD JOIST @ 16" O.C. ON TOP OF BRICKS ON WALLS.



GARAGE PLAN
SCALE 1/4" = 1'-0"



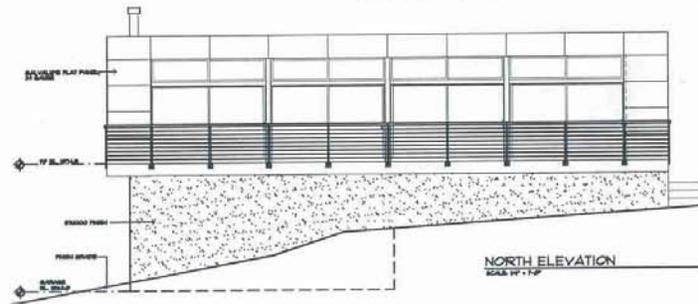
EAST ELEVATION
SCALE 1/4" = 1'-0"



SOUTH ELEVATION
SCALE 1/4" = 1'-0"



WEST ELEVATION
SCALE 1/4" = 1'-0"



NORTH ELEVATION
SCALE 1/4" = 1'-0"



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www.carycapnerarchitects.com

Sheet Title

FLOOR PLANS &
ELEVATIONS
1/4" = 1'-0"

Job Name

PARKER
RESIDENCE

1000 VALLEY VIEW DR.
TOPANGA, CA 91060

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Date-Revs.

3-1-06 PCST

Exhibit 3b
CDP 4-06-022
Project Plans