

ORDINANCE NO. 4495

An ordinance of San Bernardino County, State of California, to amend the Glen Helen Specific Plan, related to rezoning a total of 142.3 acres consisting of 81.5 acres within the North Glen Helen Planning Sub-area from Destination Recreation to Corridor Industrial; 48.7 acres within the Sycamore Flats Planning Sub-area from Single-Family Residential-Sycamore Flats to Single-Family Residential-Sycamore Flats and Corridor Industrial Overlay and 12.1 acres from Commercial/Traveler Services and High Density Residential Overlay to Corridor Industrial; and text amendments related to the addition of Corridor Industrial Overlay zone, accessory uses in the Corridor Industrial zone, and general clarifications and corrections resulting from rezoning 142.3 acres of the Land Use Plan.

The Board of Supervisors of the County of San Bernardino, State of California, ordains as follows:

SECTION 1. The Board of Supervisors of San Bernardino County finds that:

(a) Properly noticed public hearings have been held before the Planning Commission and the Board of Supervisors ("Board") of San Bernardino County, State of California, pursuant to the Planning and Zoning Law (Government Code sections 65000 *et seq.*) and the San Bernardino County Development Code (San Bernardino County Code sections 81.01.010 *et seq.*) for the amendments to the Glen Helen Specific Plan as set forth within this ordinance.

(b) The amendments to the Glen Helen Specific Plan set forth within this ordinance are consistent with the San Bernardino County Policy Plan (General Plan) and are adopted pursuant to Government Code section 65453 and San Bernardino County Code section 86.14.080.

(c) The findings set forth in the Report/Recommendation to the Board and the Record of Action, adopted by the Board on September 9, 2025, concerning the Glen Helen Specific Plan amendments set forth within this ordinance are incorporated herein

1 by reference and are hereby adopted by the Board.

2  
3 SECTION 2. The Glen Helen Specific Plan is amended in its entirety as set forth  
4 in Attachment "A" hereto.


5  
6 SECTION 3. The Board declares that it would have adopted this ordinance and  
7 each section, sentence, clause, phrase, or portion of it irrespective of the fact that any  
8 one or more sections, subsections, clauses, phrases or portions of it be declared invalid  
9 or unconstitutional. If for any reason any portion of this ordinance is declared invalid or  
10 unconstitutional, then all other provisions of it shall remain valid and enforceable.

11  
12 SECTION 4. This ordinance shall take effect thirty days from the date of adoption.

13  
14   
15 DAWN ROWE, Chair  
16 Board of Supervisors

17 SIGNED AND CERTIFIED THAT A COPY  
18 OF THIS DOCUMENT HAS BEEN DELIVERED  
19 TO THE CHAIR OF THE BOARD

20 LYNNA MONELL, Clerk of the  
21 Board of Supervisors

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28

1 STATE OF CALIFORNIA )  
2 ) ss.  
3 SAN BERNARDINO COUNTY )

4 I, LYNNA MONELL, Clerk of the Board of Supervisors of San Bernardino County,  
5 State of California, hereby certify that at a regular meeting of the Board of Supervisors of  
6 said County and State, held on the 9<sup>th</sup> day of September 9, 2025, at which meeting were  
7 present Supervisors: Col. Paul Cook (Ret.), Jesse Armendarez, Dawn Rowe, Curt  
8 Hagman, Joe Baca, Jr., and the Clerk, the foregoing ordinance was passed and adopted  
9 by the following vote, to wit:

10 AYES: SUPERVISORS: Col. Paul Cook (Ret.), Jesse Armendarez,  
11 Dawn Rowe, Curt Hagman, Joe Baca, Jr.

12 NOES: SUPERVISORS: None

13 ABSENT: SUPERVISORS: None

14 IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal  
15 of the Board of Supervisors this 9<sup>th</sup> day of September, 2025.

16 LYNNA MONELL, Clerk of the  
17 Board of Supervisors of  
18 San Bernardino County,  
19 State of California



20 Approved as to Form:

21 TOM BUNTON  
22 County Counsel

23 By: Jolena E. Grider  
24 JOLENA E. GRIDER  
25 Deputy County Counsel

26 Date: 9.9.25  
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## Attachment "A"



# Glen Helen Specific Plan

*Prepared for:*

**San Bernardino County**  
**Land Use Services Department Planning Division**  
385 N. Arrowhead Avenue, 1st Floor  
San Bernardino, CA 92415-0182

*Prepared by:*

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In Association with:  
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*Amended by:*

Kimley-Horn and Associates, Inc.

Adopted November 15, 2005

Effective December 15, 2005

Revised December 2020

Revised June 2024

Revised September 2025



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# *PREFACE*

Glen Helen is a special place that provides a unique environment for residents, businesses, and visitors at a major gateway to the Southern California metropolis. It reflects a balance between intensive activities at the juncture of two major freeways and the stewardship of significant open space and natural resources adjacent to the San Bernardino National Forest. It is several places bound together by a common theme, which yields an overall sense of place.

## **VISION FOR THE GLEN HELEN SPECIFIC PLAN**

**The vision for Glen Helen responds to the many constituencies the area serves. When the plan is implemented, perhaps 15 or 20 years from now, this is what those constituents will see and experience:**

**PROMINENT GATEWAY AND STAGING AREA** – Glen Helen will be a well-known destination and key stopover at the entrance to the Southern California metropolis. It will be a welcoming beacon to the traveling public as well as a center of activity for local residents. Recreation enthusiasts with a wide variety of interests will use Glen Helen as a staging area for access to nearby outdoor recreation attractions in the mountains and resort areas.

**REGIONAL ENTERTAINMENT/RECREATION DESTINATION** – Glen Helen Regional Park will continue as a major entertainment and recreation center with a mix of regionally significant active and passive recreation activities. Entertainment events may be more intimate than originally conceived, occurring much more often and attracting a wider range of performers. The annual schedule of events will be more consistent than in the early years of the Amphitheater's operation. The Regional Park will host multiple cultural/historic festivals throughout the year, drawing thousands of families for a weekend event. The Recreation Vehicle facilities in Glen Helen will be known as a haven for RV enthusiasts and space must be reserved well in advance. Major equestrian and hiking trails will link to regional routes along the Cajon Wash and into the National Forest. Linkage to the Santa Ana River Trail will complete an important connection to an extensive regional trail system. The example set by the small fishing lakes in the Regional Park may spark a water-oriented theme for much of the other development in the area. While small in area, the recurring water features can become a hallmark of the Glen Helen area.

**COMPREHENSIVE OPEN SPACE SYSTEM** – A combination of land use patterns, topographic detail, and careful landscaping will communicate a strong sense of open space, even within developed areas. Activities adjacent to open space areas will contribute to the open space system by providing a sensitive edge treatment that enhances open space resources. Significant habitat areas will be preserved, allowing sensitive plant and animal species to thrive. With an aggressive reforestation program undertaken by community activists and local students, in response to landscaping plans prepared for an updated park master plan as well as new private development, Glen Helen can become an oasis, with substantial, attractive plantings of mature trees and pleasant, shady alcoves. Native plants can be reintroduced in selected areas, which will delight botanical enthusiasts.

**EFFICIENT LAND USE PATTERN** – The mixture of uses should create a synergy and reinforce the economic value of the area as well as its attractiveness for visitors and residents alike. The development of high-quality lodging, RV facilities, food services, and other supporting uses will offer a "complete experience" for visitors and travelers. In addition, Glen Helen may become a magnet for making and assembling equipment appealing to the recreation market.

# *PREFACE*

Special development standards entail moderate improvement costs yet create an attractive visual quality in the area. This even includes screening of outside storage, which has been a big problem in the past.

**QUALITY PUBLIC FACILITIES** – A program of improving public facilities concurrent with development will be implemented in close collaboration with the City of San Bernardino. Development will be well serviced by water, sewer, drainage, and access facilities. A loop circulation system will be developed to provide access to all major activity areas within the Regional Park and tie them to the freeway system. This system will provide all-weather access to the entertainment/recreation portions of the site, as well as the Sheriff's complex.

**COORDINATED RESOURCE MANAGEMENT** – Phasing of the sand and gravel excavations in the Cajon Wash and Lytle Creek watercourses will continue in the implementation of a quality rehabilitation strategy in which the land will become both a visual and recreational asset. Agreements between owners of open space parcels will provide for a comprehensive open space management program within and adjacent to the Specific Plan.

**WORLD-CLASS LAW ENFORCEMENT CENTER** – The Glen Helen Sheriff's complex continues to be acknowledged as a respected center for state-of-the-art law enforcement training. Law enforcement agencies throughout the state and nation and some from other countries will continue to schedule their officers for training programs here. The correctional facility at Glen Helen will expand and continue to provide comprehensive rehabilitation programs, including basic skills education, computer training, an ROP body shop, landscape maintenance program, state-of-the-art bakery and culinary training.

**INTERNATIONALLY ACCLAIMED OFF-HIGHWAY RACEWAY** – The Glen Helen Raceway Park will continue to be an internationally recognized off-highway attraction with a reputation for environmental responsibility and an excellent rider safety record. Special programs to engage youth in this exciting activity, coupled with serious training in safety and individual responsibility, will be particularly successful.

**RESPECTED SENSE OF HISTORY** – Even with the changes that have taken place, Glen Helen is known as an area that respects and retains its historic roots. Its connection with old Route 66 and rural roots, as part of the historic Devore community, will be carried through in its design themes and cultural activities. An ongoing Glen Helen Community Improvement Organization could oversee implementation of the Plan and flag the need for actions, including its update or modification when needed.

**AGGRESSIVE ECONOMIC DEVELOPMENT** – After experiencing a period of relative economic stagnation, the area is now poised to become an economically sound enclave of specialized businesses and commercial recreation/entertainment venues. While not as substantial as some developments along freeway corridors, the special character of Glen Helen will enable it to carve a small but solid niche in the area's economy. Promotional programs to attract specific recreation and sport vehicle equipment manufacturers may make Glen Helen a well-known center for related companies.

**EXCEPTIONAL CITY/COUNTY COOPERATION** – Glen Helen will emerge as a prominent example of local government collaboration because of the continuous integration of development policy and plan implementation between the City and County of San Bernardino. Planning and infrastructure strategies in both the incorporated and unincorporated areas should be coordinated as a basis for this cooperative approach.



## DIVISION 1

# INTRODUCTION AND BACKGROUND

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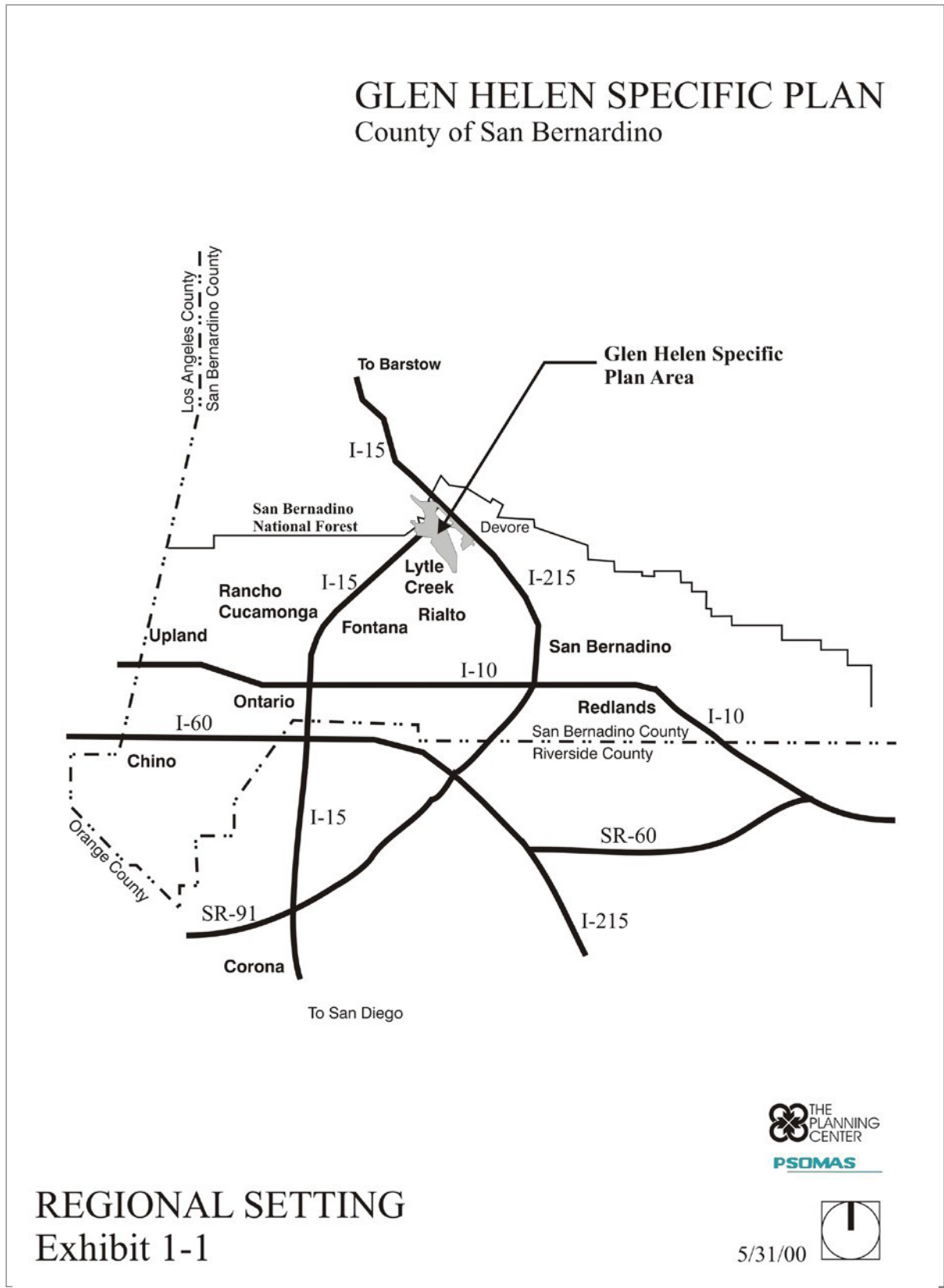
### **Chapter 1: Project Overview and Purpose**

#### **GH1.0105 General Provisions**

In April of 1998, the San Bernardino County Board of Supervisors called for preparation of the Glen Helen Specific Plan for approximately 3,400 acres of unincorporated territory in the Devore area, located south of the intersection of the I-15 and I-215 freeways (Exhibit 1-1, Regional Setting). The site, located adjacent to the foothills of the San Gabriel and San Bernardino Mountains, is highly visible from the freeways and enjoys a strategic location at the entrance to the Los Angeles Basin. The San Bernardino National Forest extends into portions of the northwestern boundary of the Specific Plan area (Exhibit 1-2, Local Setting). The Specific Plan area (or project area) is flanked by two major drainage courses: Cajon Wash and Lytle Creek Wash. Other major topographical features include the Lower Lytle Creek Ridge running from northwest to southeast through the Glen Helen Regional Park; Sycamore Canyon west of I-15; and Sycamore Flat, which includes a large riparian area.

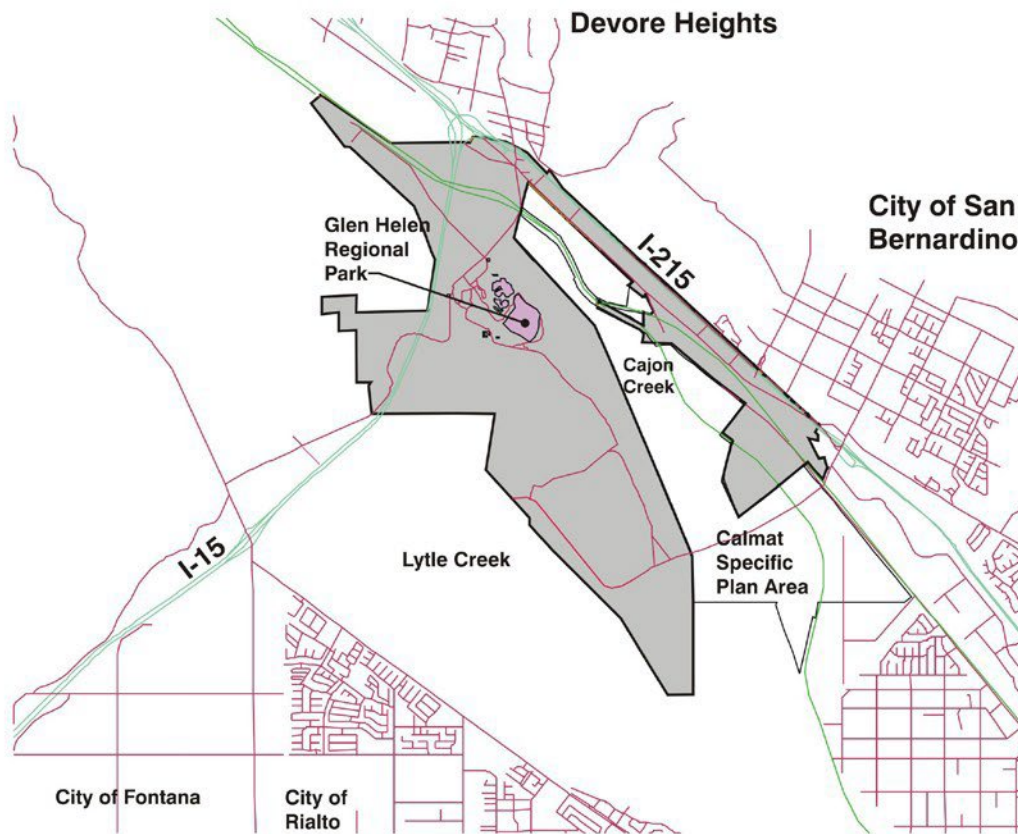


*View of Glen Helen Specific Plan area looking north on I-15 near Glen Helen Parkway. Lower Lytle Creek Ridge is on the east in the foreground and the San Bernardino Mountains are in the background (circa 2005).*



## GLEN HELEN SPECIFIC PLAN

County of San Bernardino



### LOCAL SETTING

Exhibit 1-2



5/31/00



The residential community of Devore Heights is adjacent to the project area on the northeast. The historic Devore Tract extends into the project area and is designated the Devore Planning sub-area. The City of San Bernardino extends around portions of the Specific Plan area, creating a long peninsula of unincorporated land along Cajon Boulevard and Kendall Drive. This stretch of the Specific Plan area is within the City of San Bernardino Sphere of Influence. Residents and business owners from the Devore Tract as well as those along Cajon and Kendall have played an active role in shaping this Plan. The western portion of the Specific Plan area includes San Bernardino County territory that is within the City of Rialto Sphere of Influence (Exhibit 1-3, Spheres of Influence).

The project area encompasses private and public lands, including approximately 1,900 acres occupied by Glen Helen Regional Park and the San Bernardino County Sheriff Training Facility and Rehabilitation Center. The project area is divided by physical features and jurisdictional boundaries, including the Cajon Wash, railroad lines, the I-15 freeway, and territory within the City of San Bernardino that surrounds portions of the project area.



*View of Glen Helen Regional Park (circa 2005)*





## GLEN HELEN SPECIFIC PLAN

County of San Bernardino



### LEGEND

-  Sphere of Influence Areas
-  Surrounding Cities

## SPHERES OF INFLUENCE MAP

Exhibit 1-3



“This Specific Plan is intended to be practical in economic terms and visionary in terms of creating and responding to future market potentials.”

The primary purpose of the Glen Helen Specific Plan is to implement the vision for the project area. In essence, it is to create a comprehensive guide for quality land development with a viable program for building and financing the infrastructure necessary to support it. The challenge is to create a plan that has appeal in the marketplace and meets the County's economic development and planning objectives. Land use designations have been tailored to the physical and environmental conditions, existing activities and uses that will remain, and future market potentials identified for the area. In many ways, this Plan is as much a strategic plan as it is a specific plan through its focus on how to bring about desired changes as well as providing for what and how changes can occur. The Specific Plan is intended to be practical in economic terms and visionary in terms of its ability to create and respond to future market opportunities.

Whenever property within the plan changes ownership from public to private ownership or vice versa and the proposed use is not currently permitted, a Specific Plan Amendment must be submitted to evaluate the appropriate land use designation for the property. As economic patterns and market conditions change in the future, it is important to provide this flexibility in the plan to respond to changing conditions. The Specific Plan Amendment process can address the appropriate land use designation to assign to a property when a new use has been proposed.

The Specific Plan provides for the following development and open space potential:

#### **Development and Open Space Potential of the Glen Helen Specific Plan**

401 acres of industrial development along Glen Helen Parkway, Glen Helen Roadway, Cajon Boulevard and Kendall Drive;  
84 acres of traveler services at freeway interchanges and business support services for nearby employees;  
178 acres of destination entertainment and recreation uses within private and public lands that will complement and reinforce the activities at the regional park; and  
1,580 acres of open space.

**Chapter 2: Authority and Scope****GH1.0205 General Provisions**

The California Government Code establishes the authority for cities and counties to adopt specific plans either by resolution as policy or by ordinance as regulation. A specific plan is one of many policy or regulatory tools used by local governments to guide community development or revitalization. A specific plan is a customized set of policies and regulations tailored to address unique issues encountered in a particular area.

The Glen Helen Specific Plan and any amendments to the plan are adopted by ordinance by the San Bernardino County Board of Supervisors. As so adopted, the Specific Plan constitutes zoning for the properties in the project area. Proposed planned development, site plans, tentative parcel maps, tract maps, and use permits must be consistent with the Specific Plan. If a development agreement is sought, it must also be consistent with this Plan and the County's General Plan.

A specific plan must also be consistent with and implement a city or county's General Plan. Additional amendments to the General Plan may be required to incorporate other provisions of the Specific Plan, including circulation and infrastructure plans and land use policies. When adopted, the Specific Plan will be consistent with goals, policies, and programs of the County's General Plan. A General Plan Consistency Analysis, as required by law, is on file in the County Land Use Services Department.

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**Chapter 3: Relationship to the Glen Helen Regional Park Master Plan****GH1.0305 General Provisions**

“In 1994, the existing amphitheater was reconstructed into a major concert venue named the Pavilion” which is now called the Amphitheater

The County approved a Master Plan for the Glen Helen Regional Park in 1986. The objective of the Master Plan was to identify and conceptually plan for the highest and best use of the parkland based on recreation demands, economic feasibility, compatibility with surrounding communities, and conservation of the physical qualities of the land. The Master Plan calls for the new development of numerous recreational facilities including an Aquatic Park, archery range, western village, BMX raceway, and international raceway. Many of these facilities have not been implemented and some never will become a reality for various reasons. The aquatic park was implemented and is known as the Glen Helen Swim Park. The Master Plan also called for the modification of certain existing facilities including the expansion of the bowl amphitheater, relocation of campgrounds, and the expansion of the equestrian center. In 1994, the existing amphitheater was reconstructed into a major concert venue named the Amphitheater, which can accommodate up to 65,000 people for a single event. The Master Plan also included a circulation plan, signage program, and land acquisition program— some of which is outdated and needs revision either due to changes in long- range planning within the Department of Public Works responding to shifts in the entertainment industry and recreation preferences or based on new provisions within the Specific Plan.

The Master Plan is not part of the General Plan, but rather a companion document that supports and implements the policies and programs in the General Plan. The Glen Helen Specific Plan has been prepared using the policies and provisions of the current Glen Helen Regional Park Master Plan. The Specific Plan does not replace or amend the Park Master Plan. However, the Specific Plan does include some new policies, plans, and recommendations for the Regional Park that should be folded into a Park Master Plan update in order to ensure consistency between the two documents. A future amendment to the Glen Helen Regional Park Master Plan is needed, as described in Division 4, Chapter 9 (Update Recommendations for the Glen Helen Regional Park Master Plan). Upon amendment, the Regional Park Master Plan will implement the applicable goals, policies and standards of the Specific Plan.

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**Chapter 4: Relationship to the Master Plan for Sheriff's Facilities at Glen Helen (1992-2012)****GH1.0405 General Provisions**

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"The Specific Plan recognizes the significance of the Sheriff's operation... and the need to continue without constraints due to access, noise...or other issues"

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Within the almost 1,900 acres of County land including Glen Helen Regional Park, is a 640-acre Sheriff's complex, which is assumed to remain an active and vital component of the Glen Helen Specific Plan. As with the Regional Park facilities, the Sheriff's complex is also guided by the provisions of a current Master Plan document. The Master Plan for County Sheriff's Facilities at Glen Helen, adopted in 1992, is a 20-year plan that provides for the expansion and development of modern facilities for inmate housing and for state-of-the-art training of law enforcement officers. The plan provides a program for the long-range expansion of the Glen Helen Rehabilitation Center that responds to the housing and support needs of an ever-growing inmate population within the County. It also provides a program for the 20- year expansion of the Glen Helen Regional Training Center. The primary goal is to provide a nationally recognized training center that will better train its own staff, as well as generate revenues by drawing trainees from other counties and municipalities. That goal is currently advancing toward achievement.

The Glen Helen Specific Plan has been prepared using the provisions of the Master Plan for Sheriff's Facilities. The Specific Plan recognizes the significance of the Sheriff's operations from a regional standpoint, and the need for the operations to continue without constraints due to access, noise, land use incompatibility, or other issues. Firearms practice, ordnance detonation and driver training with sirens are all necessary activities that will continue at the Sheriff's complex in Glen Helen. The Specific Plan does not replace or amend the Sheriff's Master Plan. However, the Specific Plan does include new plans and provisions impacting the master plan area. In particular, the Specific Plan includes an updated plan for circulation and other infrastructure, the preservation of open space for public safety purposes, and policies and conditions for the development of new uses that would be impacted by the sheriff's operations. A future amendment to the Sheriff's Master Plan is needed to update circulation, land use, and infrastructure plans, in order to ensure consistency between the two documents. The amendment procedures are further discussed in Division 4, Chapter 9 (Update Recommendations for the Sheriff's Master Plan). Upon amendment, the Master Plan will implement the applicable goals, policies, and standards of the Glen Helen Specific Plan.

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**Chapter 5: Site Conditions and Existing Land Uses****GH1.0505 General Provisions**

The site consists of approximately 60% public lands and 40% private property. This distribution of landownership can be described generally as follows (acreages are approximate):

County  
Facilities 1,900  
acres

In the center of the project site are approximately 1,900 acres owned by San Bernardino County and occupied by two separate county facilities: Glen Helen Regional Park and the San Bernardino County Sheriff. Glen Helen Regional Park, in the northern portion of the property, is an active park with day use, fishing, camping and picnicking. Concessionaires operate an off-road racing park and an amphitheater facility that seats 10,000 with room for 65,000 people on the grounds. The San Bernardino County Sheriff occupies the southern portion of the property, which contains the Glen Helen Rehabilitation Center, a 1,200-inmate detention facility, and the Regional Training Center, an academy for law enforcement and public safety training facility.

Westerly  
Private  
Property 460  
acres

Located west/northwest of the San Bernardino County facilities are 460 acres of private land. The majority of this area (345 acres) is partially developed land commonly known as Sycamore Canyon and Sycamore Flat. The remainder of this area consists of a few single-family residential properties, industrial related development, and some other vacant parcels available for new development.



*Sycamore Canyon from I-15 (circa 2005)*

I-215 Corridor  
1,100 acres      The remaining 1,100 acres in the eastern part of the project site are concentrated at the interchange of the I-15/I-215 and along a corridor adjacent to the I-215. Most of this area is developed with a mixture of residential, commercial and industrial uses, as well as some vacant parcels. Much of the land in this area is private, with the exception of properties owned by the County for flood control and other purposes, including a 120- acre closed disposal site. Portions of this area are affected by significant blight.



*Private property along the I-215 corridor (circa 2005)*

Preparation of the Specific Plan has involved a detailed analysis of the existing physical and environmental conditions of the project area and surrounding vicinity. An opportunities and constraints analysis were conducted early in the process, focusing on environmental, circulation, infrastructure, and land use conditions. More detailed information on existing conditions is contained in Section 3 of the Environmental Impact Report, Appendix A. A summary of the key opportunities and constraints that influenced the Plan is provided as follows:

**GH1.0510 Existing Conditions****(a)  
Environmental  
Conditions**

The Specific Plan area is flanked by two major floodways: the Cajon Wash and the Lytle Creek Wash. Portions of the broad floodplain areas of both washes are situated within the Specific Plan Area. The watercourse in the Cajon Wash has in recent years shifted toward the Glen Helen Regional Park property and has damaged the main parking lot for the amphitheater. This pattern is typical for both washes. The paths of flooding waters meander from year to year despite some constraints provided by deflection berms to direct the flow. Planning and negotiation with California State agencies are underway to acquire permits to rebuild a small portion of the parking lot and create a berm to protect the parking lot and the hillsides within the park from further erosion. The County of San Bernardino Flood Control District takes over facilities within the washes when built (by private development projects required to install berms or levees as a condition of approval). Both washes are significant constraints to development. Sections of Institution Road, Glen Helen Parkway, and Devore Road are subject to seasonal flooding, which severely restricts access to the park and sheriff facilities.



*View of Cajon Wash from Glen Helen Parkway (circa 2005)*

**Earthquake  
Faults**

A number of active or potentially active faults cross through the Specific Plan Area and surrounding area. These faults have been designated in Alquist-Priolo Earthquake Fault Zones, which cover nearly half of the Specific Plan Area. These zones are associated with the San Andreas and San Jacinto systems that extend through the general Cajon Pass area. Development within these zones is subject to detailed fault investigations, which define the hazards and affect locations of structures.

## Fire Hazards

As shown in Policy Map HZ-5 (Fire Hazard Severity Zones), the Specific Plan Area is located within the Countywide Fire Safety Overlay Area. Existing and future development is exposed to the impacts of wildland fires and therefore, development may need to comply with special overlay fire safety provisions set forth herein and in the Development Code. Proximity to the extensive San Bernardino National Forest makes this issue particularly critical.

## Biological Resources

“The Master Plan for Sheriff’s Facilities at Glen Helen set-aside 150 acres...as a habitat reserve for sensitive plant resources”

The Specific Plan Area is situated between two major wash systems, Lytle Creek Wash and Cajon Wash, and contains several sensitive biological habitats including Riversidean sage scrub, alluvial fan sage scrub, and mulefat scrub plant communities. A mature southern cottonwood willow riparian forest and a valley freshwater marsh are located within the Sycamore Flats portion of the site. Sensitive plant species known to occur in the specific plan area include the federal endangered Santa Ana River woolly-star and the federal endangered slender-horned spineflower. Sensitive wildlife species occurring or potentially occurring include the federal and state endangered least Bell’s vireo, federal endangered southwestern willow flycatcher, federal endangered San Bernardino kangaroo rat, federal endangered arroyo southwestern toad, federal threatened California gnatcatcher and its proposed critical habitat, federal threatened California red-legged frog, and the federal proposed endangered mountain yellow-legged frog. State Species of Special Concern found on-site include Bell’s sage sparrow, southern California rufous-crowned sparrow, coast horned lizard, orange-throated whiptail, and Los Angeles pocket mouse. As part of the Master Plan for Sheriff’s Facilities at Glen Helen, approximately 150 acres south of the sewage treatment facility has been set aside as a habitat reserve for sensitive plant resources. This area is currently maintained and studied by the California State University at San Bernardino. In addition, the Sheriff’s Facilities Master Plan calls for the remaining undeveloped County property on Lower Lytle Creek ridge to remain as undeveloped open space for public safety purposes. This hillside area provides a natural safety buffer between the Sheriff’s training activities involving live ammunition and the surrounding regional park uses. The Department of Public Works has proposed the set-aside of approximately 42 acres on the west side of I-15, north of the railroad right-of-way as mitigation for rebuilding the levee in Cajon Wash that protects the main parking lot at the Regional Park. This area contains relatively undisturbed inland sage scrub vegetation. The Specific Plan Area contains other large parcels where sensitive resources are expected to exist, which may be a further constraint to development. Sycamore Flat is the most sensitive biological area within the Specific Plan boundaries. A perched water table supports a mature southern cottonwood willow riparian forest and a valley freshwater marsh system. These sensitive plant communities provide habitat for most of the above listed species.

The Glen Helen Specific Plan provides an opportunity to comprehensively address habitat conservation measures for the area within the context of the Resource Management Plan developed by the County (see Appendix A of the FEIR). Measures include the recognition of the sensitivity and biological uniqueness of the area, the set aside of open space areas for conservation,



maintenance and enhancement of wildlife corridors through the area, and compliance with federal and state resource laws. Without the specific plan, a piecemeal approach would continue, resulting in the gradual loss of most of these sensitive biological resources.

**Winds** The Specific Plan Area is subject to strong winds from Cajon Pass. Winds can reach 50 to 80 miles per hour or more, with gusts sometimes approaching 100 miles per hour. Such severe winds are normally limited to no more than a couple of weeks during the year. Wind advisories, of course, affect traffic along the I-15 and I-215. The strongest winds generally occur between the months of November through February, as is the case in other foothill communities at the base of the San Bernardino and San Gabriel Mountains. The winds may be a factor in private sector decisions to develop certain uses within the Specific Plan Area, particularly uses involving outdoor activities conducted during wind impacted months of the year.

**Views** The Specific Plan Area offers considerable view opportunities. The natural topographic features in the North and Central Glen Helen areas create a strong visual statement when entering the Specific Plan Area. The views from the northern portion of the Cajon Canyon provide significant gateway opportunities. Within the Specific Plan Area, the general slope toward the southeast provides unobstructed views of the greater San Bernardino Basin. Extensive views of the San Bernardino and San Gabriel Mountains are also provided to the east and west of the Specific Plan Area. The Sycamore Flat/ Sycamore Canyon area provides strong southerly views with excellent freeway visibility. The Central Glen Helen area contains elevations in excess of 2,300 feet, providing extensive view opportunities toward the San Bernardino National Forest to the north and the San Bernardino Basin to the south. The North Glen Helen area provides view opportunities throughout the Cajon Canyon with freeway visibility provided from the I-15 and I-215 Freeways. The County General Plan designates the segments of both I-15 and I-215 that pass through the Specific Plan Area as scenic highways. The area extending 200 feet on both sides of the highways are subject to additional land use and aesthetic controls under the County's Open Space Overlay in the Development Code. That is, of course, respected in this Specific Plan.



*View of San Bernardino National Forest from Glen Helen Road looking northwest (circa 2005)*



*View of San Bernardino National Forest from the Pavilion (circa 2005)*

#### Noise

The Sheriff's facilities, the Amphitheater, the freeways and the aggregate mining operation on the adjacent property to the southwest are noise generators that will likely affect noise sensitive land uses within the Specific Plan Area, and on adjacent properties. Mitigation of noise impacts or modifications of the project may need to occur as part of any residential development in the area. Other noise generators affecting private properties in the Specific Plan Area include the railroad operations, the Raceway Park, the driver-training course and firing range operated by the Sheriff's Department, and the animal shelter adjacent to the closed San Bernardino County disposal site. Residential properties along Cajon Boulevard and Kendall Drive are particularly affected by noise and vibration from the railroad and I-215 freeway.

**(b) Circulation and Infrastructure Conditions**

## Circulation

Regional access to the Specific Plan Area is excellent in terms of freeway and rail systems. Once exited from the freeways however, local access into and around the regional park and Sheriff's facilities is constrained, given the variety and intensity of uses occurring in the area and limitations of the street system. This is particularly the case regarding the Amphitheater when concerts are held. In addition to special event traffic, Glen Helen Parkway is sometimes used as a bypass for commuters who want to avoid the traffic at the I-15/I-215 interchange. In general, the local street system is incomplete and requires substantial improvements, such as widening, bridge construction, signalization, repaving, and intersection improvements. The at-grade railroad crossings along Glen Helen Parkway and Institution Road are also an access constraint in the area. Drivers are often required to wait up to 45 minutes at either of the two crossings. These crossings are also a constraint to emergency access for both fire and sheriff service. The Specific Plan provides an opportunity to design and implement an improved access plan that better serves the variety of activities in the Specific Plan Area. It also contains traffic control strategies for conducting major events at the Regional Park.



*Train crossing at Institution Road (circa 2005)*

## Accessibility of Sheriff's Facilities

The only designated access to the Sheriff's facilities is along Institution Road, which is particularly constrained. The road is frequently flooded during the winter months from the Cajon Wash. Emergency access to and from the Sheriff's facilities is often delayed (or impossible) along Institution Road during certain periods of the year and during major events at the amphitheater and the off-road vehicle facility (Glen Helen Raceway Park). The segment of Institution Road in the City of San Bernardino is classified as a private drive and therefore not maintained by the City. The County Sheriff's Department keeps the road passable but does no structural maintenance. The Sheriff's facilities generate a significant number of trips—all the personnel involved in training or exercises do not stay overnight at the site but in hotels nearby. On weekends, 400 to 800 inmates drive to the site on a work release program (up to six trips per inmate each weekend). The Specific Plan provides an opportunity to develop cooperative solutions to improving access for the Sheriff's facilities, including the design of a new secondary access road.

- Water Service** Water service to the Regional Park and Sheriff's facilities is provided by a system of County operated ground water wells. The ground water is part of the Lytle Creek Ground Water Basin. Water tanks are located on ridges where they can provide gravity flow to the user. Build-out of the Master Plan for Sheriff's Facilities will require additional water service capacity. The approved Lytle Creek North Planned Development project will provide an opportunity to jointly develop a wastewater recycling system. Additional development in the western portion of the Regional Park and any new development in the Sycamore Flat area will require new infrastructure for water service. Water service to the Cajon Corridor and Kendall Corridor planning sub-areas is provided by the City of San Bernardino and appears to be adequate to support future development. The Devore Mutual Water Company serves properties in the Devore planning sub-area. (Note: a description and exhibit of the "planning sub-areas" noted here can be found in Division 2, Chapter 2 of the Specific Plan). State water from Northern California and the Colorado River is also available.
- Sewer Facilities** The Cajon/Kendall Corridor is serviced by sewer provided by the City of San Bernardino. Wastewater generated in the North Glen Helen and Devore planning sub-areas is disposed of by means of septic systems. A package wastewater plant serves the Amphitheater and some of the Regional Park restrooms. It generates some water for irrigation use on-site but is challenging to operate because of intermittent flows and their impact on the treatment process. This system is not adequate to handle major events (generally, any event larger than approximately 20,000) at the Regional Park, so portable sanitation facilities are brought in. The Glen Helen Raceway Park is similarly serviced by portable facilities. The wastewater recycling plant that serves the Sheriff's facilities is being upgraded and expanded to accommodate the uses approved in their Master Plan. Additionally, the Lytle Creek North development will provide a fair-share contribution to the increased capacity of the wastewater recycling plant.
- Cajon Disposal Site** The rail line divides the now closed San Bernardino County disposal site at the southerly end of the Cajon Corridor, and each portion is accessible by separate entrances. The westerly segment is accessed from Institution Road, and the easterly segment from Cajon Boulevard. The County's Solid Waste Management Division currently has no reuse plans for the property. The disposal site has been designated for and occasionally used as an overflow parking lot for the Regional Park. However, the County Solid Waste Management Division is reconsidering this designation due to concerns about differential settlement. Another interest in reuse is from a group of model airplane enthusiasts who need a field for model airplane operations. Currently, they meet in the parking lot at Raceway Park when it is not in use.

Flood Control	Flood control and drainage improvements consist of a series of levees or berms within the Cajon and Lytle Creek washes that divert water flows during the flood season. Uses planned for the Glen Helen Specific Plan areas and adjacent area may necessitate changes or improvements to the existing flood control system.
(c) Land Use Conditions	
Project Area Configuration	The project area is physically divided by the I-15 Freeway, Cajon Wash, rail lines, power transmission lines, ridges, and earthquake fault zones. Portions of the area are also within the Spheres of Influence for both the City of San Bernardino and the City of Rialto. Consequently, planning and implementation of the Specific Plan requires a high level of coordination and cooperation among affected agencies.
Surrounding Uses	Development plans have either been approved or proposed immediately adjacent to each side of the project area. Potential land use conflicts, circulation and traffic, water and sewer infrastructure, and flood control are predominating issues that encompass both the approved Lytle Creek North Planned Development area and Calmat Specific Plan area. Sand and gravel recovery operations within the Calmat Specific Plan area will be a constraint on certain kinds of development until those operations are completed and reclamation plans are implemented. Sand and gravel operations are visually unattractive, noisy dust generators, and may limit the types of industries that choose to locate in the area. Given circulation system limitations, added truck traffic must be managed carefully.
Land Ownership	There is an unusually low proportion of privately owned property in the area as the basis for economic development. In addition, many of the privately owned parcels are small, making comprehensive development challenging. The larger privately owned parcels are somewhat constrained by topography and potentially sensitive habitat. On the other hand, the high proportion of County ownership provides an opportunity for the County to control and better influence what happens within the project area.
Sheriff's Operations	Land use compatibility is a primary issue for the Sheriff's facilities. Their training activities (including driving, shooting, SWAT exercises, live fire training, FBI training), jail facilities, work release and rehab operations would not be compatible with nearby residential uses, noise sensitive uses, or other activities that would bring the general public in the vicinity of their operations. Their facilities are highly regarded and attract law enforcement officials from other areas for training purposes. Ongoing expansion in buildings and activities is imminent. Industrial uses are the most compatible type of development to be located near the Sheriff's facilities. The Sheriff's facilities have an extreme need for privacy and a need to be protected from surrounding uses that inhibit their operations. On the other hand, new development adjacent to their operations also provides an opportunity for jointly developing and sharing infrastructure facilities.

Regional Park Uses	The Glen Helen Regional Park and its uses constitute a major public recreation investment that can attract other commercial recreation and support commercial uses. During Summer 1998, approximately 36,000 people visited the park to enjoy the fishing, camping, hiking, swimming, and other recreation activities offered. The Amphitheater has been performing at lower levels than were originally anticipated. Infrastructure facilities may, in part, be a constraint to the Amphitheater's successful operation. The lack of improved parking facilities and restroom facilities, and the inconvenience of delays in arriving and leaving especially large events, are factors that reduce the "quality of the experience." The Amphitheater has the potential for becoming a landmark entertainment facility and could serve as the centerpiece of a commercial recreation complex.
Development Conditions	Development conditions are generally blighted within the Devore, Cajon Corridor, and Kendall Corridor planning sub-areas, which discourages new investment that would significantly improve land use mix and economic vitality. Parcels along the north side of Cajon Boulevard and Kendall Drive are predominately narrow, deep lots, one acre in size. Absentee ownership is about 50%, with a number of absentee owners located in nearby communities. Parcel assembly for large-scale, freeway-oriented development is a major constraint to private sector development, particularly given the abundance of "ready to build" industrial land in the region. Existing uses within this area are a mix of residential, industrial, abandoned, and vacant properties. A few commercial properties, particularly restaurants, enjoy a steady tourist business from the historic Route 66 travelers. Code violations are an ongoing problem that further deters new investment. The County disposal site is a significant portion of the Kendall Corridor, yet it cannot be used to stimulate economic development in the Specific Plan Area unless/until a re-use plan is approved by the County Integrated Waste Management Board (CIWMB), the Santa Ana Regional Water Quality Control Board (RWQCB) and the County Local Enforcement Agency (LEA).



*Non-residential development conditions along Cajon and Kendall (circa 2005)*

There is evidence of increased developer interest in the area as indicated by recent developer applications and inquiries. The Specific Plan project and process has the potential to stimulate more interest in the area. Any project that requires discretionary approval is required to complete a project specific environmental analysis consistent with the California Environmental Quality Act. As mentioned previously, the FEIR can also comprehensively address the need for habitat conservation and mitigation.

#### **GH1.0515      Market Demand Analysis**

A market analysis for the Glen Helen Specific Plan area was undertaken early in the process of preparing this Specific Plan in order to understand the development potential of a variety of potential land uses. The report, *Market Feasibility Analyses Relating to the Creation of the 3,400 Acre Glen Helen Specific Plan*, dated November 9, 1998, was prepared by Robert Charles Lesser & Co. The report analyzed the key economic indicators for the San Bernardino/Riverside Metropolitan Statistical Area including, employment patterns, industry group trends, unemployment, population, and income. Also analyzed were a range of land use types being considered for the project area including, industrial, golf, family entertainment, hotel, and RV Resort Park. The market conclusions resulting from this analysis guided the amount, distribution and anticipated phasing of land uses within the Specific Plan area. The primary opportunities for development in the near term were in the areas of golf, RV facilities and support commercial uses.

**GH1.0520      Existing Land Use Designations**

The original General Plan land use designations for the project area consisted of eleven designations: Resource Conservation, Rural Living (one dwelling unit per five acres), Rural Living (one dwelling unit per 20 acres), Multiple Residential (14 dwelling units per acre), Multiple Residential (14 dwelling units per acre, one acre minimum), Neighborhood Commercial, General Commercial, Community Industrial, Regional Industrial, Institutional, and Floodway. These designations are being replaced with the designations defined in the Specific Plan (Division 2, Chapter 3 Land Use Plan) in order to tailor the development standards and uses to achieve the desired development pattern and character of development within the project area.



**Chapter 6: Public Participation Process****GH1.0605 General Provisions**

The process for preparing the Glen Helen Specific Plan included a series of three public workshops conducted at key stages during the project. The first public workshop was held to introduce the planning program and present the opportunities and constraints related to the site. A draft vision for the project area was also presented. Small group discussions among the workshop participants were conducted in order to obtain input on the issues and information presented. Comments received at the workshop were then folded into the process of developing land use alternatives for the Specific Plan Area.

The second public workshop focused on two alternative land use plans, the Concentrated Activity Alternative, and the Dispersed Development Alternative. Workshop participants formed small groups to work together on evaluating each of the alternatives. The alternatives were rated based on how well each satisfied the goals/vision for the project. Participants recorded their findings along with ideas for improving/creating the preferred plan. Input from the workshop was tabulated and used in the formulation of the Draft Preferred Land Use Plan.

A third public workshop was conducted to present the preferred plan and the related infrastructure plans. In addition, a draft of the permitted and conditional uses for each land use designation and development standards was also presented for comment. Input from this final workshop was used in preparing the Specific Plan.

All three public workshops were well attended, ranging from 45 to 75 people including residents, business owners, and landowners in and around the area. Public workshops were also attended by many County officials and staff members from the various departments involved in the project. Staff and elected official(s) from the City of San Bernardino also took part in the workshops.

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**Chapter 7: Specific Plan Organization****GH1.0705 General Provisions**

The Glen Helen Specific Plan has been prepared in accordance with the California Government Code and consists of the following Divisions:

- Division 1: Introduction and Background
- Division 2: Land Use Plan and Development Standards
- Division 3: Design Guidelines
- Division 4: Specific Plan Implementation and Administration
- Appendices

The Preface consists of the Vision for the Glen Helen Specific Plan area. The vision was formulated early in the planning process and will remain the primary focus in carrying out the regulations and implementing actions for the specific plan. Division 1 sets forth an overview of the project area, the intent of the Specific Plan, and the underlying issues and conditions that have been addressed in the Specific Plan and/or accompanying Environmental Impact Report. Division 2 provides the land use plan and new land use designations for the project area. Allowable uses are defined, and the development standards are established for each land use designation. The infrastructure plans—circulation, water and wastewater facilities, and flood control improvements—necessary to support the land use plan are also described.

Division 3 contains the design guidance for the project area. The guidance includes site planning principles for new development, as well as guidelines on the physical improvements and aesthetic treatment for streetscapes, entry points, views, lighting, architecture, and screening. Division 4 stipulates how the County will administer the specific plan and contains the tools and actions needed to implement the plan. Lastly, the Appendices contain the technical documentation underlying the specific plan.

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## **DIVISION 2**

# **LAND USE PLAN AND DEVELOPMENT STANDARDS**

### **Chapters:**

1. Development Concept .....	2-1
2. Planning Sub-Areas .....	2-3
3. Land Use Plan .....	2-6
4. Development Standards.....	2-13
5. Overlays .....	2-98
6. Infrastructure and Open Space Management Plans .....	2-117
7. General Development Regulations.....	2-149

### **Chapter 1: Development Concept**

#### **GH2.0105 General Provisions**

The development concept is a collection of main objectives or themes that are derived from the Vision for the Glen Helen Specific Plan. The Specific Plan serves a wide variety of public and private interests, each with its own set of needs and long-range objectives. The Land Use Plan, development standards, infrastructure plans, and design guidelines, together, seek to achieve the following:

- A prominent gateway to and from the Los Angeles Basin;
- A destination recreation and entertainment attraction;
- A strong traveler serving attraction;
- A mixed-use area where private and public uses flourish;
- A carefully managed and coordinated open space system;
- Reinforcement of the Sheriff's Training Center and Rehabilitation Center;
- Extensive visual improvement of private and public lands;
- A special landscape/streetscape experience along Glen Helen Parkway that establishes its prominence within the Specific Plan area;
- Phased road, water, sewer, and drainage systems to support growth;
- Owner initiated transition from residential to industrial and commercial uses as market demand evolves;
- Site development standards that are sensitive to existing parcelization, yet facilitates quality development; and
- Performance standards and incentives to stimulate and reward quality development.

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**Chapter 2: Planning Sub-Areas****GH2.0205 General Provisions**

The Specific Plan area has been divided into smaller sub-areas that are distinguishable in terms of existing uses, terrain, and access considerations. Six planning sub-areas have been identified as follows and are shown on Exhibit 2-1, Planning Sub-Areas:

Cajon  
and  
Kendall  
Corridors

These planning sub-areas comprise a long, narrow strip of San Bernardino County territory along Cajon Boulevard and Kendall Drive, sandwiched between the City of San Bernardino extension along Cajon Creek and the I-215 Freeway. It is characterized by long, narrow lots generally backing up to the freeway. Because of its location in the unincorporated peninsula, the County of San Bernardino disposal site area is included in the Kendall Corridor planning sub-area, despite the fact that it differs substantially in character from the remainder of the corridor.

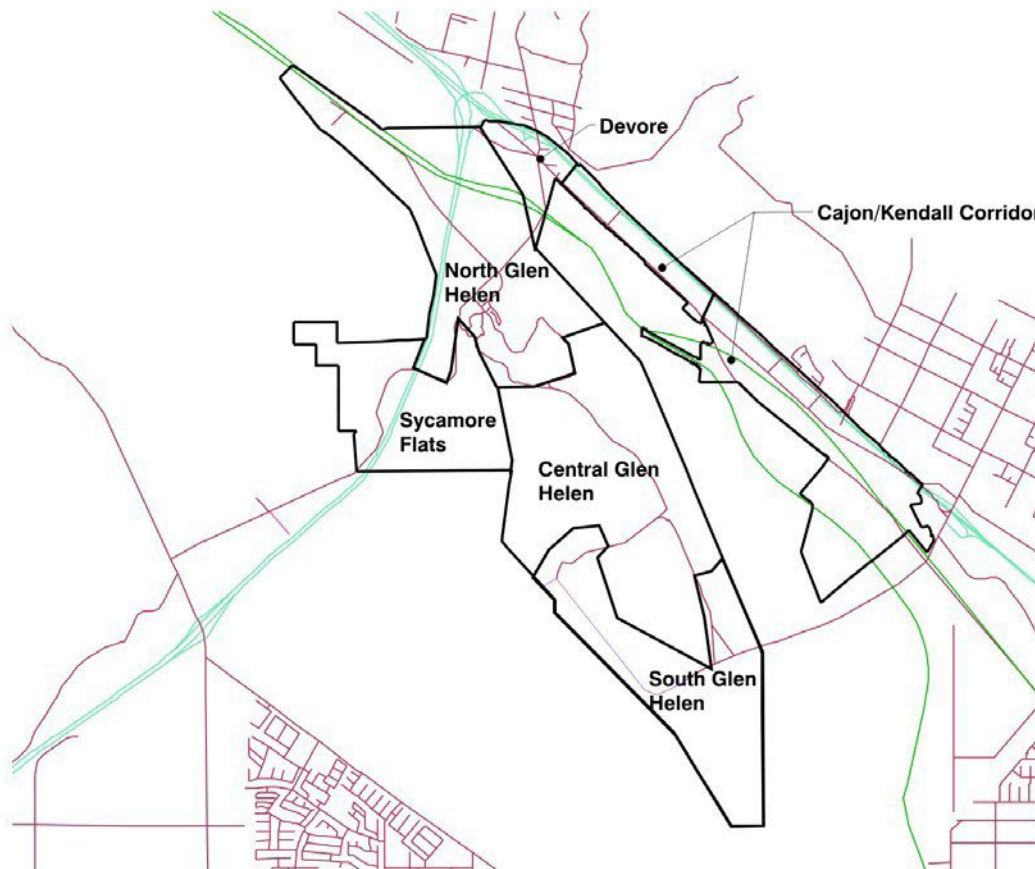
Devore

This planning sub-area is located at a pivotal location within the Specific Plan Area at the upper end of the Cajon Corridor within the historic Devore Tract and adjacent to the community of Devore Heights. Direct freeway access, linkage to other key portions of the Specific Plan Area, configuration of the area and properties within it, and highly visible location make this planning sub-area a prime candidate as a commercial center reinforcing other uses in the vicinity.



*View of the Devore Planning Sub-Area looking south towards Glen Helen Regional Park (circa 2005).*

## GLEN HELEN SPECIFIC PLAN County of San Bernardino



### PLANNING SUB-AREAS Exhibit 2-1



5/31/00

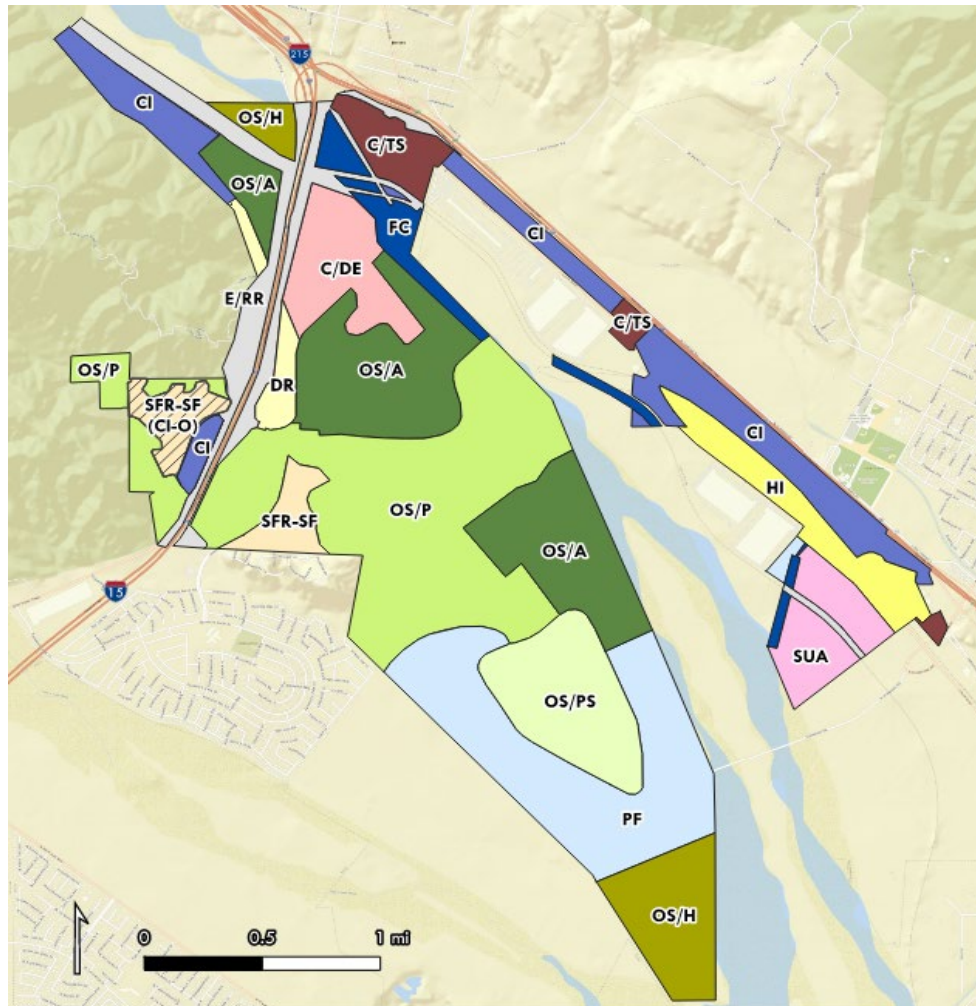




North Glen Helen	<p>This planning sub-area is the center of regional recreation activities within and adjacent to the Glen Helen Regional Park. It encompasses mostly active recreation spaces (except for the nature area and boardwalk), including the dominant Amphitheater. This planning sub-area also extends west of the I-15 freeway and includes some private property because of the close relationship of uses. The single-family homes and industrial related uses in this area border the San Bernardino National Forest.</p>
Central Glen Helen	<p>Constituting the natural highland portion of the site, steep hills and canyons characterize this planning sub-area. Most slopes in this area are in excess of 25 to 30% and rise to heights of 300 to 400 feet above surrounding grades. This area includes existing fire roads, water storage facilities, and a few off-road trails connected with the Raceway Park.</p>
South Glen Helen	<p>This planning sub-area consists largely of two important developments: the extensive Sheriff's Training Facility and Rehabilitation Center and the Glen Helen Raceway Park. The Sheriff's facility encompasses approximately 650 acres and is the top-rated training academy in California. The facility offers basic, advance, and driver training to law enforcement officers throughout the state. The Glen Helen Rehabilitation Center houses approximately 1,200 male and female inmates. The off-road racing facility encompasses approximately 256 acres and has a capacity of 3,000 to 8,000 spectators.</p>
Sycamore Flat	<p>This is actually two undeveloped areas of somewhat different characteristics: Sycamore Flat, along the east side of the I-15 Freeway, and Sycamore Canyon, a topographically varied area of private property on the west side of the freeway in the San Bernardino National Forest.</p> <p>Sycamore Flat is characterized by gently sloping terrain, a stream with a ponded freshwater marsh and surrounding riparian vegetation near the I-15 freeway. These two areas have a strong visual, biological and historical identity within the Glen Helen area.</p>

**Chapter 3: Land Use Plan****GH2.0305 General Provisions**

The Land Use Plan contains 15 land use zoning designations, including one overlay designation (Exhibit 2-2). These designations had and continue to have similarity to land use zoning districts in the San Bernardino County Development Code. Each designation has been customized for the future uses and type of development envisioned for the Glen Helen Specific Plan Area.

**Exhibit 2-2 – Land Use Plan****Glen Helen Specific Plan****Land Use Designations**

- Commercial/Destination Entertainment (C/DE)
- Commercial/Traveler Services (C/TS)
- Corridor Industrial (CI)
- Destination Recreation (DR)
- Existing Road/Railroad (E/RR)
- Flood Control (FC)
- Heavy Industrial (HI)

- Open Space/Active Recreation (OS/A)
- Open Space/Habitat Preserve (OS/H)
- Open Space Passive Recreation (OS/P)
- Open Space/Public Safety (OS/PS)
- Public Facility (PF)
- Single Family Residential Sycamore Flats (SFR-SF)
- Special Use Areas (SUA)
- Corridor Industrial Overlay (CI-O)

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The Land Use Plan contains two types of commercial designations: Commercial/Traveler Services (C/TS) and Commercial/Destination Entertainment (C/DE). There is also a Commercial/Traveler Services (C/TS) Floating Zone, but it only differs from the Commercial/Traveler Services (C/TS) designation in terms of its flexibility as to where it is ultimately located along Cajon Boulevard and Kendall Drive. The Commercial/Traveler Services (C/TS) zones are strategically concentrated near freeway interchanges to take advantage of freeway visibility and the demands for goods and services that are generated by both travelers passing through the area and visitors to the various attractions. The Commercial/Destination Entertainment (C/DE) designation is concentrated within and adjacent to the Glen Helen Regional Park and is intended to be the focus of long-term development for a wide range of recreation, entertainment, and support commercial uses. A total of 207 acres is devoted to these commercial designations.

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Corridor Industrial is expected to occur as parcels are consolidated, market niches are discovered, and some existing uses transition over time.

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The Land Use Plan also provides for development of a sizeable industrial sector along the Glen Helen Road, Glen Helen Parkway, Cajon Boulevard and Kendall Drive corridors, designated as Corridor Industrial (CI), Corridor Industrial Overlay (CI-O), and Heavy Industrial (HI). This development is expected to occur as parcels are consolidated, market niches are discovered, and some existing uses transition over time. Ultimately, this area is expected to provide jobs for several thousand employees. Although this land is in competition with other undeveloped industrial land in the County, this particular area is strategically located at the entrance to the Los Angeles Basin, enjoys exceptional freeway visibility, and offers opportunities for start-up businesses that don't require higher-priced industrial park settings. The Corridor Industrial (CI), Corridor Industrial Overlay (CI-O) and Heavy Industrial (HI) designations total approximately 402 acres (with a 48.7-acre overlay) along Glen Helen Road, Glen Helen Parkway, Cajon Boulevard and Kendall Drive. Future uses will be complemented and strengthened by the industrial development planned for the Calmat Specific Plan area, adjacent to this designation in the City of San Bernardino, and industrial development along the I-15.

One recreation-oriented designation is contained in the Plan: Destination Recreation (DR). The Destination Recreation (DR) zone is situated between the National Forest and a small stretch of the railroad in the northwestern corner of the planning sub-area and south of the I-15. Over time, as year-round activities increase in and around the Glen Helen Regional Park, and as additional services are required within the Plan area, this area provides an opportunity for lower-intensity recreation/entertainment, service retail, hospitality, government/civic uses, residential and commercial uses.

The Land Use Plan provides one residential designation: the Single Family Residential – Sycamore Flats (SFR-SF) Zone. The 94.7-acre Single Family Residential – Sycamore Flats (SFR-SF) zone is located on both sides of I-15 in the Sycamore Flats sub-area. This designation allows for the development of up to 418 single-family homes with a minimum lot size of 4,050 square feet. The Corridor Industrial Overlay (CI-O) Zone occurs on 48.7-acres on the west side of the Glen Helen Parkway in the Sycamore Flats sub-area and allows for development of uses consistent with the Corridor Industrial (CI) designation as an alternative to the residential use.

The 48.7-acres on the west side of Glen Helen Parkway would be developed either as all uses consistent with the Single Family Residential – Sycamore Flats (SFR-SF) Zone or all uses consistent with the Corridor Industrial Overlay (CI-O) Zone. The overlay does not allow for the 48.7-acres to be developed as a mixed-use zone.

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“Open space categories cover nearly 50% of the Specific Plan area”

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Four categories of open space are distinguished on the Land Use Plan: Open Space/Active Recreation, Open Space/Passive Recreation, Open Space/Habitat Preserve, and Open Space/Public Safety. These areas are all on County-owned properties and provide a new level of distinction for the long-range management of open space lands. Open space management is the focus of the standards and recommendations set forth in Division 2, Chapter 6 (Infrastructure and Open Space Management Plans) of the San Bernardino County Development Code. The Open Space categories cover nearly 50% of the Specific Plan area, totaling some 1,580 acres.

The public facilities that exist within the Specific Plan area are identified in three categories of land use: Public Facility, Special Use Area, and Flood Control. The Public Facility designation encompasses the County Sheriff's Glen Helen Regional Training Center and Rehabilitation Center. One of the main objectives of the Specific Plan is to provide improvements to circulation, water, and sewer facilities to enable the Sheriff's complex to expand its facilities and operate more efficiently. The Special Use Area designation contains the Cajon Disposal Site, which ceased accepting waste in December 1980, with the final cap being installed in 1981. The land is viewed as not suitable for any reuse of the property that would propose structures to be built; however, the land may be reused for certain very limited projects that would have to be considered on a case-by-case basis. Such a project would have to be coordinated through and approved by the County Solid Waste Management Division and would also have to comply with the provisions of Section GH2.0435 of this Plan. The Flood Control designation recognizes the lands and flood control facilities owned by the Flood Control District, and other lands in the floodplain. Together, these three public designations represent nearly 20% of the planning sub-area, totaling over 650 acres.

A Statistical Summary of the Land Use Plan is contained in Table 2-1. Both a probable and maximum level of development is provided in order to identify the expected range in which development will occur. Environmental impacts analyzed in the Glen Helen Specific Plan FEIR (Appendix A) assumed a maximum level of development. The maximum number of dwelling units and total square footage of non-residential development provided for in the Specific Plan are prescribed in the Statistical Summary and further defined in the following regulations sections. Calculation of development potential is based on net acreage, which excludes land devoted to arterial and collector roadways, railroad right-of-way, and flood control land as identified in the Circulation Plan.

**Table 2-1  
Land Use Plan Statistical Summary**

Code	Land Use Designation	Net Acreage	Maximum Density	Dwelling Units <sup>9</sup>	Probable FAR	Maximum FAR <sup>1</sup>	Square Footage
C/TS	Commercial/Traveler Services	83.6	NA	NA	0.3	0.4	1,092,484 – 1,456,646
C/DE	Commercial/Destination Enter.	123.7	NA	NA	0.2	0.35	1,077,674 – 1,885,930 <sup>5</sup>
CI	Corridor Industrial	224.5	NA	NA	0.35	0.5 <sup>10</sup>	2,321,530 – 3,272,227 <sup>7,10</sup>
CI-O	Corridor Industrial Overlay	48.7 <sup>11</sup>	NA	NA	0.35	0.5	742,480-1,060,868 <sup>7</sup>
HI	Heavy Industrial	129.0	NA	NA	NA	NA	1,966,734 – 2,809,620
SFR-SF	Single Family Residential- Sycamore Flats	94.7	7DU/AC	418	NA	NA	
PF	Public Facility	398.8	NA	NA	NA	NA <sup>2</sup>	
SUA	Special Use Area	119.0	NA	NA	NA	NA <sup>3</sup>	
DR	Destination Recreation	53.8	1DU/5AC	10	0.2	0.25	468,705 – 585,882 <sup>6</sup>
OS/A	Open Space/Active	458.9	NA	NA	NA	NA <sup>4</sup>	
OS/P	Open Space/Passive	726.6	NA	NA	NA	NA <sup>4</sup>	
OS/H	Open Space/Habitat Preserve	185.5	NA	NA	NA	NA <sup>4</sup>	
OS/PS	Open Space/Public Safety	209.0	NA	NA	NA	NA <sup>4</sup>	
FC	Flood Control	97.5	NA	NA	NA	NA <sup>4</sup>	
E/RR	Existing Roads/Railroad ROW <sup>8</sup>	434.7	NA	NA	NA	NA	
	<b>TOTAL</b>	<b>3,339.3<sup>11</sup></b>		<b>428<sup>11</sup></b>			<b>7,711,426 – 11,154,627</b>

<sup>1</sup> The maximum intensity shall be used for purposes of the FEIR and traffic analysis to evaluate "most case" – levels of development is the gross floor area of all buildings on a parcel divided by the net acreage of a parcel.

<sup>2</sup> Intensity standards to be determined in the Master Plan for County Sheriff's Facilities at Glen Helen.

<sup>3</sup> Long-term uses are not identified due to the condition of the disposal site.

<sup>4</sup> Intensity standards are not useful here. Rather, specification of the limited improvements applicable to each category in the Specific Plan Regulations defines the intent regarding intensity.

<sup>5</sup> Square footage range reflects a 0.2 to 0.35 FAR overall within the private land area and the additional development of up to 20 acres within the Regional Park.

<sup>6</sup> The table reflects an amendment to the Specific Plan that transferred 45.47 acres from the C/DE land use zoning district to the DR land use zoning district.

<sup>7</sup> The table reflects an amendment to the Specific Plan that transferred 159.5 acres from the C/TS, SFR-SF, HD-O and DR land use zoning districts to the CI and CI-O land use zoning districts.

<sup>8</sup> E/RR is not a land use zoning district but the area is included in the total acreage.

<sup>9</sup> To allow for development flexibility, transfer and adjustment of residential units shall be permitted to occur between land uses provided that the overall total number of units within any land use designation does not exceed the maximum density permitted and that the total number of units within the Specific Plan Area does not exceed 428.

<sup>10</sup> There are 79.0 acres within the North Glen Helen sub-area within the CI land use zoning district that are limited to a maximum FAR of 0.03 (103,237 SF) due to existing development constraints such as earthquake faults and lack of water and sewer connections. Therefore, the maximum CI square footage is calculated based on 194.2 acres with a maximum FAR of 0.5 (4,229,676 SF) and 79.0 acres with a maximum FAR of 0.03 (103,237 SF) for a maximum total of 4,332,913 SF of CI.

<sup>11</sup> There are 48.7 acres on the west side of Glen Helen Parkway within the SFR-SF land use zoning district that may be developed either as all SFR-SF or all CI. If the 48.7 acres are developed all as residential, a total of 94.7 acres of SFR-SF would remain with a maximum of 418 dwelling units and with a maximum of 224.5 acres of CI. If the 48.7 acres are developed as CI there would be a total of 273.2 acres of CI and a total of 46 acres of SFR-SF would remain with a maximum of 332 dwelling units.

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## **Chapter 4: Development Standards**

### **GH2.0405 General Provisions**

This section specifies the standards and regulations that will apply to new development and redevelopment of existing uses. Future review of concept plans, site plans, and subdivisions will ensure that these standards are realized. Development incentives and performance standards are also included for commercial and industrial designations to further encourage the quality and character desired from future development. Building setbacks and landscape setbacks are defined as setbacks measured from the property line or edge of right-of-way.



**GH2.0410 Commercial/Traveler Services (C/TS)**

- (a) Definition** This designation provides for uses that serve the traveling public, typically during transit from one destination to another outside of the immediate area. Though some of the uses would be similar to those found in the Destination/ Entertainment designation, the focus would be more on serving people as they pass through, rather than people who stay for local events. Restaurants, convenience services, automobile and truck service stations, lodging, retail goods, and commercial recreation uses are typical uses to be found in this designation. Commercial uses in these areas would also be serving the large employment population located along the Cajon and Kendall corridors.



*View of Commercial/Traveler Services area at the Devore Interchange (circa 2005)*



*View of well-known local eatery within the Commercial/Traveler Services designation (circa 2005)*

<b>C/TS</b>
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**(b)**  
**Commercial/  
Traveler  
Services  
Floating Zone  
Definition**

This designation is intended to provide for commercial uses within the heart of the industrial development along the Cajon Corridor and Kendall Corridor. The precise location is flexible, within an approximate one mile stretch of Cajon Boulevard and Kendall Road, adjacent to the I-215 freeway. The ultimate location of the commercial development cannot occur within one mile of the Devore Interchange or within one mile from the Specific Plan boundary at I- 215 near Institution Road. The commercial development must be clustered together, not spread out along the corridor. The intent is to establish a commercial node of activity that serves employees and visitors alike. A Conditional Use Permit will be required for master planning the commercial development, involving coordination of access points, interior access and parking, and building location for an area of at least five acres.

**(c)**  
**Conditional  
Uses (MUP)**

The following uses are permitted within the Commercial/Traveler Services designation subject to approval of Minor Use Permit application:

1. Professional Services, such as:
  - Architect/Engineer Offices
  - Banks and Financial Institutions
  - Copy/Film Centers
  - Insurance Offices
  - Medical/Dental Offices
  - Photography Studios
  - Real Estate Offices
  - Travel Agency
2. Retail Trade/Personal Services, such as:
  - Antique Shops
  - Apparel Stores
  - Appliance and Hardware Stores
  - Art Galleries
  - Automobile Service Stations (gas and minor auto repair)
  - Automobile Parts and Supplies (no installations)
  - Bakeries/Ice Cream Shops
  - Beauty Salons
  - Books/Gift/Stationary Stores
  - California Welcome Center
  - Coffee Houses/Cafes
  - Convenience Stores
  - Delicatessens
  - Drug Stores/Pharmacies
  - Dry Cleaners
  - Electronics Stores
  - Florists
  - General Retail Stores
  - Health Clubs

- Hobby Shops
  - Home Improvement Stores
  - Household Goods and Services
  - Jewelry Stores
  - Locksmiths
  - Office Supplies and Equipment Stores
  - Pet Stores/Supplies/Grooming
  - Restaurants with Drive-Thru
  - Recreational Vehicle/Boat Storage (indoor or outdoor)
  - Restaurants, Family and Specialty w/o Drive-Thru
  - Self-Storage Facility
  - Small Animal Hospitals
  - Specialty Retail Stores
  - Sporting Goods, sales/rentals
  - Supermarket/Grocery Stores
  - Tailor Shops
3. Lodging Services, such as:
- Hotels/Motels
  - Motor Courts
  - Recreational Vehicle Parks
4. Recreation/Entertainment Services, such as:
- Arcades
  - Fairs (non-permanent), including art fairs, craft fairs, farmers markets
  - Family Entertainment Centers
  - Ice Skating Rinks/In-line or roller hockey
  - Meeting Halls
  - Miniature Golf Courses
  - Model Hobby Complex, sales, but with outside display of trains only
  - Private/Non-Profit cultural facilities such as art galleries, music halls, museums
  - Virtual-Reality facilities
5. Repair Services, such as:
- Appliance Repair Shops
  - Limited Repair Services, such as jewelry, bicycle, audio
  - Minor Auto/Motorcycle/RV Repairs exclusive of overhauls (enclosed building)
6. Additional Uses, such as:
- Historic Monuments and Sites.

<b>C/TS</b>
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**(d)  
Conditional  
Uses (CUP)**

The following uses are conditionally permitted within the Commercial/ Traveler Services designation; subject to approval of a Conditional Use Permit (CUP):

1. Retail Trade/Personal Services, such as:
  - Car Washes
  - On-Site Alcoholic Beverage Sale Establishments including Bars, Taverns, Cocktail Lounges
2. Outdoor Commercial Services, such as:
  - Automobile Sales
  - Recreational Vehicle Sales
  - Small Equipment Rental
  - Towing Services with accessory impound area, subject to the outdoor storage screening requirements in Division 3, Chapter 3, of the Design Guidelines
3. Recreation/Entertainment Services, such as:
  - Live Performance facilities, night clubs
4. Repair Services, such as:
  - Muffler, Tire Shops (enclosed building)
5. Additional Uses: The following uses shall be allowed in this zoning designation subject to a CUP:
  - Temporary and permanent government facilities and enterprises (Federal, State and Local) where buildings and/or property are publicly owned or leased.
  - Transportation facilities principally involved in the movement of people together with the necessary buildings, apparatus, or appurtenances incidental thereto, including but not limited to, airports, heliports, train stations, bus stations, carpool facilities and parking lots.
  - Institutional uses including, but not limited to, schools, colleges and universities, conference centers, hospitals, churches, rehabilitation centers and organizational camps.
  - Museums, art galleries, and libraries.
  - Planetariums, aquariums, zoos, botanical gardens and arboretums.
  - Racetracks or stadiums.
  - Campgrounds not exceeding a density of four (4) sites per acre.
  - Sports-oriented recreational uses requiring remote locations including, but not limited to: rifle, pistol and archery ranges, sky diving jump sites, off-road and recreational vehicle parks, marinas, miniature golf courses, hunting and fishing clubs, ski resorts and recreational camps.
  - Arenas, field houses, auditoriums, rodeo facilities.
  - Recreation and community centers, gymnasiums, athletic clubs.

**C/TS**

- Wildlife and nature preserves, lakes, general recreation, leisure and ornamental parks open to the general public.

**(e) Special  
Use Permit  
(SUP)**

The following uses are permitted within the C/TS designation; subject to approval of a Special Use Permit (SUP).

1. Interim Uses such as support facilities associated with highway construction, infrastructure development and logistic facilities including but not limited to, batch plants, equipment storage yards, and storage for truck trailers and containers.

a. Interim Uses shall be permitted for a period not to exceed 10 years.

- b. A de-commissioning plan detailing the dismantling of the interim facilities shall be included as part of the SUP application and approval process. Additional measures such as security requirements, lighting plans and bonds to guarantee decommissioning may be required at the discretion of the Director of Land Use Services

The following uses are prohibited uses within the Commercial/Traveler Services designation because of the relatively small area designated for this use and the need to maintain a particularly traveler-friendly environment within this District:

**(f)  
Prohibited  
Uses**

1. Bail bond operations.
2. Cemeteries, including pet cemeteries.
3. Correctional Institutions.
4. Development of natural resources.
5. Electrical generating stations.
6. Emergency and transitional shelters for the homeless.
7. Hazardous waste operations.

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8. Industrial land uses per the Industry, Manufacturing & Processing, Wholesaling sections of Tables 82-4, 82-7, 82-11 and 82-17 of the County Development Code.
9. Radio and television stations and towers.
10. Sewer plants and sewage disposal sites.
11. Residential care facilities.
12. Solid waste disposal sites, rubbish incinerators, and recycling centers.
13. Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.
14. Off-site signs.

**(g) Site  
Development  
Standards**

**1. Building Site Requirements**

- a) Minimum lot size shall be two acres, calculated per Subsection 83.02.050(e) of the County Development Code.
- b) Existing lots that are less than two acres in size as of the adoption of this Specific Plan are “grandfathered” as legal building sites and can be built upon according to the standards of this Plan.
- c) Consolidation of lots to achieve the minimum lot size for development is essential in order to minimize the number of access points along Kendall Drive, Cajon Boulevard and Glen Helen Parkway. In lieu of lot consolidation, property owners may be conditioned to provide a reciprocal access agreement for an adjacent property so that future joint access to the two properties is assured. See Division 3, Chapter 2 (Site Planning Guidelines) of this Plan for further on-site development guidelines and incentives.
- d) Property owners that consolidate lots to achieve a five-acre or greater lot size, are eligible to receive a floor area ratio bonus and, other types of assistance with the provisions under Land Assembly/Coordinated Planning, below.

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- e) Within the Commercial/Traveler Services Floating Zone, site development provisions are the same as for the base district, except the minimum lot size shall be five acres. However, the location of the Floating Zone shall be determined by the first site to be approved by a Conditional Use Permit and a Specific Plan Amendment to change the map in Exhibit 2-2 of this plan to reflect the approved site of the zone.
- f) Minimum lot width measured at the front property line, is 100 feet.
- g) Minimum lot depth is 100 feet.

## **2. Building Height and Area Limitations**

- a) Maximum structure height is 35 feet. Uninhabited architectural projections such as roof peaks, parapets, and towers may extend up to ten feet above this limit.
- b) Maximum lot coverage is 85%. This includes the surface area of a lot that is paved or covered by a building, in accordance with the County Development Code. This would include parking areas and hardscaped outdoor storage areas.
- c) Maximum floor area ratio (FAR) is .4. FAR is defined as the total gross square footage of a building divided by the net parcel size.

## **3. Building Setbacks**

- a) Minimum front setback, measured from the property line, is 25 feet for major highways and secondary highways and 15 feet for collector and local roads.
- b) Minimum interior side setback is 15 feet. This setback is required on only one side to provide for emergency access. If the adjacent property is not designated commercial or industrial, an interior side setback shall be required along that side of the property as well.
- c) Minimum street side setback is ten feet for collector and local roads and 15 feet for major highways and secondary highways. Conformance with the Clear Site Triangle provisions of the County Development Code Section 83.02.030 must be maintained.
- d) Minimum rear yard, measured from the property line, is ten feet, except for properties with a freeway edge the minimum rear yard is 30 feet. See Division 3, Chapter 1 (Landscape Architecture Guidelines) in this Plan for additional freeway landscaping guidance.

- e) For the Commercial/Traveler Services Floating Zone, the minimum structural setbacks are consistent with the standard Commercial/Traveler Services requirements.
- f) Minimum building separation on-site: None required. However, configuration and dimensions between buildings must permit access to all areas of the property by fire equipment.

#### **4. Landscape Setbacks**

- a) From major highways and secondary highways, the landscape setback is 15 feet from ultimate right-of-way.
- b) From collector and local roads, the landscape setback is ten feet from ultimate right-of-way.
- c) From freeways the landscape setback is 30 feet from ultimate right-of-way.

#### **5. Off-Street Parking**

Refer to Division 3, Chapter 2 (Site Planning Guidelines) of this Plan as applicable.

#### **6. Signage**

Refer to Division 3, Chapter 5 (Signage Guidelines) of this Plan as applicable. Accessory sign standards shall be the same as Highway Commercial sign standards per Subsection 83.13.050(c)(9) of the County Development Code, except for free-standing signs. The size of a free-standing sign shall be based on a ratio of 1:3 (building frontage to sign area) up to a maximum of 200 square feet.

#### **7. Other General Development Regulations**

Refer to Division 2, Chapter 7 (General Development Regulations) of this Plan as applicable.

#### **8. Design Guidelines**

Refer to Division 3 (Design Guidelines) of this Plan as applicable.



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**(h)****Development  
Guidelines and  
Special  
Provisions****1. Land Assembly/Coordinated Planning**

- a) Consolidation of existing small parcels in the commercial and industrial districts is highly desirable because of the ability to design larger parcels more successfully. An alternative to lot consolidation is the preparation of comprehensive site development plans for adjacent parcels under multiple ownerships. That option is acceptable should the property owners involved elect to invest in preparing such a plan and recording its provisions as deed restrictions on the property.
- b) Incentives for lot consolidation to achieve a five-acre or greater lot size are based on the following principles:
  - 1) Incentives are to be real and not symbolic: they must translate into usable value.
  - 2) Landowners/developers should have a menu of options from which they can select the most desirable incentives according to their circumstance, including rejecting incentives entirely.
  - 3) Use of incentives are not intended to justify development standards or Conditions of Approval beyond the requirements of the Code, nor are they intended to make a project more vulnerable to legal challenge.
  - 4) The County may negotiate combinations of incentives according to the circumstances that prevail. Applicants should not expect that all incentives will be used concurrently. In some cases, increments of incentive specified may vary, depending upon the circumstances and the number of incentives being sought. The general intention is that all consolidation projects will benefit from the Processing Time and Parcel Map incentives and one of the other three incentives.
- c) The menu of incentives shall include:
  - 1) Intensity Bonuses. Increases in intensity shall be in 10% increments, adding 10% additional gross square footage of use for each parcel added to the initial parcel of land. For example, combining three lots would generate a 20% intensity bonus, 10% for each of the two lots added.
  - 2) Application Fee Reduction. Fee reductions for application processing shall be in 25% increments for each parcel added to the initial parcel of ownership up to 75%. For example, fees for adding three parcels in a lot consolidation would be reduced by 75%.

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- 3) **Public Improvement Assistance.** The County may assume responsibility for selected infrastructure improvements as an incentive for lot consolidation. Because each situation varies so significantly, no specific amount can be stated. However, the County intends to seek funding from the State Infrastructure Bank and other sources to assist in the improvement of this area.
- 4) **Processing Time.** Projects that involve lot consolidation will automatically get priority processing, irrespective of the number of lots involved.
- 5) **Lot Merger Process.** Projects that are built on two or more existing legal building sites require a parcel map or lot merger to convert them to a single property under current County procedures. Where consolidation occurs under this Specific Plan, the County will incur costs associated with this process.

## **2. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

## **3. Geologic Hazard Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

## **4. Scenic Resources Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0525 of this Plan shall apply.

## **5. Biological Resources Management**

Refer to the natural plant communities assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

## **6. Floodplain Safety Overlay Provisions**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

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**(i)  
Performance  
Standards for  
Commercial  
and Industrial  
Districts****1. Intent**

The intent of these performance standards is to:

- a) Protect the health and safety of persons from hazards and nuisances,
- b) Contribute to the quality of the built environment,
- c) Stimulate investment in the area through assurances that quality features will protect those investments, and
- d) Stimulate creativity in design that leads to a special character in the living environment.

Performance standards set maximum limits on adverse impacts of permitted uses or development of the land. These standards operate in combination with required site development standards in achieving their intent. Except as noted, these provisions take precedence over provisions in the San Bernardino County Development Code. References to applicable State and Federal standards, however, shall be as specified in the Development Code.

**2. Exemptions**

The following sources of hazards and nuisances are exempt from these requirements:

- a) Emergency equipment, vehicles and devices; and
- b) Temporary construction, maintenance or demolition activities conducted between the hours of 6:30 a.m. and 8:00 p.m. However, this exemption does not apply on Sundays and national holidays.

**3. Topical Standards**

- a) Accessory Structures

Any ground structures accessory to the main buildings are subject to the same site development regulations as the main buildings. They shall be designed and located so as to:

- 1) Blend with the other structures on the site,
- 2) Avoid impeding access to buildings, loading, or parking areas on the site, and
- 3) Be consistent with the other performance standards specified in this Section.

<b>C/TS</b>
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## b) Air Quality

Operations or activities shall not cause the emission of any ash, dust, fumes, gases, vapors, or other forms of pollutants that can cause damage to people, animals, vegetation or other property. Emission levels shall not exceed the levels permitted by the rules and regulations of the South Coast Air Quality Management District or the requirements of any Air Quality Plan or the Greenhouse Gas Emissions Reduction Plan adopted by San Bernardino County.

## c) Electrical Interference

Operations or activities that generate, emit or transmit electrical energy shall be carried out in such a way that it does not cause magnetic, electrical, electronic or electromagnetic radiation, interference or disturbance that adversely affects persons or the operation of any equipment or conduct of any process employed by any use beyond the site boundary. Such operations or activities must also comply with regulations of the Federal Communications Commission.

## d) Fire or Explosive Hazard

Operations, activities or equipment involving the storage of flammable or explosive materials shall be provided with adequate safety devices against the hazard of fire or explosion. Safety procedures associated with such hazards shall be clearly posted and personnel shall be properly trained in these procedures. Adequate fire alarms, firefighting and fire suppression equipment and devices must be provided on-site in accordance with the requirements of the California Building Code and the California Fire Code. Storage standards defined in Section 83.01.060 of the Development Code related to Regional Industrial (IR) shall apply here to Commercial/Traveler Services.

## e) Fissionable or Radioactive Materials

Operations or activities shall not at any time produce the release or emission of any fissionable or radioactive materials onto the ground or into the atmosphere or any public or private sewerage disposal system.

## f) Heat or Cold

Operations or activities shall not emit a heating or cooling effect that would cause a temperature increase or decrease on any adjacent property in excess of ten degrees Fahrenheit, whether the change is measured in the air, on the ground, or on the surface of any structure.

**C/TS**

## g) Liquid and Solid Wastes

Operations or activities shall not discharge any liquid or solid waste material onto the ground, into any watercourse, or into any public or private sewerage disposal system unless said discharge complies with the requirements of the San Bernardino County Development Code Section 83.01.100.

## h) Light and Glare

Lights shall be designed, oriented, and shielded so that glare does not extend beyond the property line to any adjacent property, roadway or freeway. In particular, no glare shall be produced that would be distracting to motorists on the I-15 and I-215 Freeways and their associated transition roads. Lighting levels on the property shall be sufficient to provide for safe operations according to commonly accepted specifications for proper security.

## i) Loading

Loading docks or areas shall be located and designed to adequately accommodate the vehicles that serve the use. They shall be oriented in such a way that they do not impede access to adjacent properties. Loading areas shall be located, designed and operated to avoid nuisance to adjacent visitor serving accommodations.

## j) Maintenance of Open Areas

Open areas devoted to landscape or hardscape shall be maintained in a weed-free condition. Soil areas shall be landscaped in such a way that dirt and dust are not picked up by high winds.

## k) Mechanical and Electrical Equipment

Except for solar collectors, equipment such as air conditioners, refrigeration equipment, antennas, pumps, transformers, heating and ventilating equipment and ducts, pipes, and conduits shall be located, designed and operated to avoid disturbance of uses and activities on adjacent properties. Where such equipment is visible from either the I-15 or I-215 Freeway, Cajon Boulevard, Kendall Drive, or Glen Helen Parkway, it shall be shielded from view by architectural treatment. Shielding shall also be provided for the benefit of adjacent visitor serving uses.

## l) Noise

Provisions of Section 83.01.080 of the San Bernardino County Development Code shall be observed except as specified below. Existing uses, including the Amphitheater as of the adoption date of this Specific Plan, shall be exempt from these noise provisions. Future business operations and activities within or adjacent to

visitor serving designations shall be conducted to comply with the following noise standards, measured at the site property line:

- 1) Industrial and commercial operations and activities shall not create any noise that would exceed an exterior noise level of 55dBA during the hours of 10:00 p.m. to 7:00 a.m. and 60dBA during the hours of 7:00 a.m. to 10:00 p.m.
- 2) No loading or unloading operation, handling of containers or materials, or moving of items in a manner that would disturb occupants of nearby lodgings shall be conducted between the hours of 10:00 p.m. to 7:00 a.m.
- 3) No repair, rebuilding, modifying or testing of any type of equipment or vehicle, including their engines, shall be conducted in such a manner as to increase a noise disturbance for occupants of nearby lodgings between the hours of 10:00 p.m. and 7:00 a.m.

m) Odors

Operations or activities shall not be permitted to emit odorous fumes, gases or other odorous matter in such amounts as to be dangerous, injurious, noxious, or otherwise objectionable and readily detectable without the aid of instruments beyond the site boundary.

n) Outdoor Storage, Trash and Service Areas

All areas for outdoor storage of equipment or vehicles, industrial materials, refuse; collection, recycling or service areas, shall be enclosed or effectively screened from public view by use of fencing, solid walls, landscaping, berms, or some combination of these devices. The height of screened material shall not exceed the height of the screening device.

o) Smoke and Dust

Operations or activities shall not emit smoke, fumes or dust that exceeds the limits specified by the South Coast Air Quality Management District.

p) Vibration

Operations or activities shall not create vibration noticeable without instruments at the site boundary.

**GH2.0415 Commercial Destination Entertainment (C/DE)****(a)  
Definitions**

This designation is applied to properties within the Glen Helen Regional Park and surrounding properties along Glen Helen Parkway. It is intended to support and enhance the existing large-scale attractions. It provides for uses that attract visitors for recreation and entertainment in the form of either a single event or extended-stay activities. An example of the former would be a performance at the San Manuel Amphitheater. An example of the latter would be a Recreational Vehicle Park. Commercial recreation uses, restaurants and other food services, hotels and specialty retail, service uses, and similar uses would be accommodated.

The C/DE land use designation is applied to publicly owned land. Should the land ownership change from public to private and the intended use is not a permitted use, then a Specific Plan Amendment would be required to change the land use designation. This would allow for a thorough analysis of the proposed use on the subject property to remain consistent with the goals of the Glen Helen Specific Plan.



*View of Commercial/Destination Entertainment Designation looking southwest from Glen Helen Road  
(circa 2005)*



*View of Commercial/Destination Entertainment area within Glen Helen Regional Park (circa 2005)*

<b>C/DE</b>
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- (b)  
Allowed Uses** Any use that is accessory to or made a part of the normal operation of the Glen Helen Regional Park or the San Manuel Amphitheater, including temporary uses, shall be allowed without an additional land use approval subject to the approval of the County Regional Parks Department.
- (c)  
Conditional  
Uses (MUP)** The following uses are permitted within the Commercial Destination Entertainment designation; subject to approval of Minor Use Permit application:
1. Retail Trade/Personal Services, such as:
    - Antique Shops
    - Art Galleries
    - Bakeries/Ice Cream Shops
    - Books/Gift/Stationary Stores
    - California Welcome Center
    - Coffee Houses/Cafes
    - Hobby Shops
    - Restaurants, Family and Specialty w/o Drive-Thru
    - Specialty Retail Stores
    - Sporting Goods, sales/rentals.
  2. Lodging Services, such as:
    - Hotels/Motels
    - Motor Courts
    - Recreational Vehicle Parks.
  3. Recreation/Entertainment Services, such as:
    - Amusement Park, aquatic park
    - Arcades
    - Bowling Alleys
    - Equestrian Centers (boarding stables, performance, horse rentals)
    - Fairs (non-permanent) including art fairs, craft fairs, farmers markets
    - Fairs (permanent)
    - Family Entertainment Centers
    - "For-Fee" sports such as batting cages, tennis club, fishing
    - Ice Skating Rinks/In-line or roller hockey
    - Live Performance facilities, night clubs
    - Meeting Halls
    - Miniature Golf Courses
    - Model Hobby Complex, sales, but with outside display of trains only
    - Private/Non-Profit cultural facilities such as art galleries, music halls, museums
    - Training Centers
    - Virtual-Reality facilities.



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**(d)  
Conditional  
Uses (CUP)**

## 4. Additional Uses, such as:

- Active and passive recreational uses associated with public parkland
- Historic monuments and sites
- Wildlife and nature preserves, lakes, watercourses.

The following uses are conditionally permitted within the Commercial Destination Entertainment designation; subject to approval of a Conditional Use Permit (CUP):

## 1. Retail Trade/Personal Services, such as:

- Automobile Service Station (gas and minor auto repair)
- On-Site Alcoholic Beverage Sale Establishments including Bars, Taverns, Cocktail Lounges
- Restaurants with Drive-Thru.

## 2. Recreation/Entertainment Services, such as:

- Arenas, amphitheaters, auditoriums, rodeo facilities, and convention center
- Zoo.

## 3. Off-site signs, subject to the development standards of the State Outdoor Advertising Act and Regulations (California Business and Professions Code, Sections 5200 et. seq.).

## 4. Additional Uses: The following uses shall be allowed in this zoning designation subject to a CUP:

- Temporary and permanent government facilities and enterprises (Federal, State and Local) where buildings and/or property are publicly owned or leased.
- Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.
- Transportation facilities principally involved in the movement of people together with the necessary buildings, apparatus, or appurtenances incidental thereto, including but not limited to, airports, heliports, train stations, bus stations, carpool facilities and parking lots.
- Museums, art galleries, and libraries.
- Planetariums, aquariums, zoos, botanical gardens and arboretums.
- Radio and television stations and towers.
- Racetracks or stadiums.
- Campgrounds not exceeding a density of four (4) sites per acre.

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- Sports-oriented recreational uses requiring remote locations including, but not limited to: rifle, pistol and archery ranges, sky diving jump sites, off-road and recreational vehicle parks, marinas, miniature golf courses, hunting and fishing clubs, ski resorts and recreational camps.
- Arenas, field houses, auditoriums, rodeo facilities.
- Recreation and community centers, gymnasiums, athletic clubs.

**(e)  
Prohibited  
Uses**

The following uses are prohibited uses within the Commercial/Destination Entertainment designation because of the need to maintain a particularly visitor-friendly environment within this District:

1. Cemeteries, including pet cemeteries.
2. Correctional institutions.
3. Development of natural resources.
4. Electrical generating stations.
5. Emergency and transitional shelters for the homeless.
6. Hazardous waste operations.
7. Industrial uses the Industry, Manufacturing & Processing, Wholesaling sections of Tables 82-4, 82-7, 82-11 and 82-17 of the County Development Code.
8. Residential care facilities.
9. Solid waste disposal sites, rubbish incinerators, and recycling centers.

**(f)  
Site  
Development  
Standards**

The following Site Development Standards shall apply to private property only. However, within the Glen Helen Regional Park the County shall consider applying the same or similar standards to achieve a consistent quality of development.

**1. Building Site Requirements**

- a) Minimum lot size shall be five acres, calculated per Subsection 83.02.050(e) of the County Development Code. Within the Glen Helen Regional Park area that is designated Commercial Destination Entertainment, a five-acre minimum lease area is recommended.

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- b) Existing lots that are less than five acres in size as of the adoption of this Specific Plan are “grandfathered” as legal building sites and can be built upon according to the standards of this Plan.
- c) Consolidation of lots to achieve the minimum lot size for development is essential. In lieu of lot consolidation, property owners may be conditioned to provide a reciprocal access agreement for an adjacent property so that future joint access to the two properties is assured. See Division 3, Chapter 2 (Site Planning Guidelines) of this Plan for further on-site development guidance.
- d) Property owners that consolidate lots to achieve a five-acre or greater lot size, are eligible to receive a floor area ratio bonus and other types of assistance, in accordance with the provisions under Land Assembly/Coordinated Planning, below.
- e) Minimum lot width measured at the front property line, is 100 feet.
- f) Minimum lot depth is 100 feet.

**2. Building Height and Area Limitations**

- a) Maximum structure height is 60 feet. Uninhabited architectural projections such as roof peaks, parapets, and towers may extend up to ten feet above this limit.
- b) Maximum lot coverage is 80%. This includes the surface area of a lot that is paved or covered by a building, in accordance with the County Development Code. This would include parking areas and hardscaped outdoor storage areas.
- c) Maximum floor area ratio (FAR) is .35. FAR is defined as the total gross square footage of a building divided by the net parcel size.

**3. Building Setbacks**

- a) Minimum front setback, measured from the property line, is 25 feet from a major highways and secondary highways and 15 feet from a collector and local road.
- b) Minimum interior side setback is 15 feet. This setback is required on only one side to provide for emergency access. If the adjacent property is not designated commercial or industrial, an interior side setback shall be required along that side of the property as well.
- c) Minimum street side setback is 25 feet for major highways and secondary highways and 15 feet for collector and local roads. Conformance with the Clear Site Triangle provisions of the County Development Code Section 83.02.030 shall be maintained.

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- d) Minimum rear yard, measured from the property line is 15 feet. For properties with a freeway edge the minimum rear yard is 30 feet. See Division 3, Chapter 1 (Landscape Architecture Guidelines) of this Plan for further freeway landscape guidance.
- e) Minimum building separation on-site is 30 feet. However, configuration and dimensions between buildings must permit access to all areas of the property by fire equipment.

#### **4. Landscape Setbacks**

- a) From major highways and secondary highways the landscape setback is 15 feet from ultimate right-of-way.
- b) From a collector and local road the landscape setback is ten feet from ultimate right-of-way.
- c) From proposed Levee Road there is no landscape setback required.
- d) From freeways the landscape setback is 30 feet from ultimate right-of-way.

#### **5. Off-Street Parking**

Refer to Division 3, Chapter 2 (Site Planning Guidelines) of this Plan as applicable.

#### **6. Signage**

Refer to Division 3, Chapter 5 (Signage Guidelines) of this Plan as applicable. Accessory sign standards shall be the same as Special Development sign standards per Subsection 83.13.050(e) of the County Development Code. These standards may be modified pursuant to a Sign Program brought forward by the Regional Parks Department or as part of an update to the Glen Helen Regional Park Master Plan.

#### **7. Other General Development Regulations**

Refer to Division 2, Chapter 7 (General Development Regulations) of this Plan as applicable.

#### **8. Design Guidelines**

Refer to Division 3 (Design Guidelines) of this Plan as applicable.

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**(g)  
Development  
Guidelines  
and Special  
Provisions****1. Land Assembly/Coordinated Planning**

Consolidation of existing small parcels in the commercial and industrial districts is highly desirable because of the ability to design larger parcels more successfully. An alternative to lot consolidation is the preparation of comprehensive site development plans for adjacent parcels under multiple ownerships. That option is acceptable should the property owners involved elect to invest in preparing such a plan and recording its provisions as deed restrictions on the property.

- a) Incentives for lot consolidation to achieve a five-acre or greater lot size are based on the following principles:
  - 1) Incentives are to be real and not symbolic: they must translate into usable value.
  - 2) Landowners/developers should have a menu of options from which they can select the most desirable incentives according to their circumstance, including rejecting incentives entirely.
  - 3) Use of incentives are not intended to justify development standards or Conditions of Approval beyond the requirements of the Code, nor are they intended to make a project more vulnerable to legal challenge.
  - 4) The County may negotiate combinations of incentives according to the circumstances that prevail. Applicants should not expect that all incentives will be used concurrently. In some cases, increments of incentive specified may vary, depending upon the circumstances and the number of incentives being sought. The general intention is that all consolidation projects will benefit from the Processing Time and Parcel Map incentives and one of the other three incentives.
- b) The menu of incentives shall include:
  - 1) Intensity Bonuses. Increases in intensity shall be in 10% increments, adding 10% additional gross square footage of use for each parcel added to the initial parcel of land. For example, combining three lots would generate a 20% intensity bonus, 10% for each of the two lots added.
  - 2) Application Fee Reduction. Fee reductions for application processing shall be in 25% increments for each parcel added to the initial parcel of ownership up to 75%. For example, fees for adding three parcels in a lot consolidation would be reduced by 75%.

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- 3) Public Improvement Assistance. The County may assume responsibility for selected infrastructure improvements as an incentive for lot consolidation. Because each situation varies so significantly, no specific amount can be stated. However, the County intends to seek funding from the State Infrastructure Bank and other sources to assist in the improvement of this area.
- 4) Processing Time. Projects that involve lot consolidation will automatically get priority processing, irrespective of the number of lots involved.
- 5) Processing Time. Projects that involve lot consolidation will automatically get priority processing, irrespective of the number of lots involved.
- 6) Lot Merger Process. Projects that are built on two or more existing legal building sites require a parcel map process or lot merger to convert them to a single property under current County procedures. Where consolidation occurs under this Specific Plan, the County will incur costs associated with this process.

**2. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**3. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**4. Geologic Hazard**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

**5. Scenic Resources Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0525 of this Plan shall apply.

**6. Biological Resources Management**

Refer to the natural plant communities assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

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**(h)  
Performance  
Standards for  
Commercial  
and Industrial  
Districts****1. Intent**

The intent of these performance standards is to:

- a) Protect the health and safety of persons from hazards and nuisances,
- b) Contribute to the quality of the built environment,
- c) Stimulate investment in the area through assurances that quality features will protect those investments, and
- d) Stimulate creativity in design that leads to a special character in the Specific Plan area.

Performance standards set maximum limits on adverse impacts of permitted uses or development of the land. These standards operate in combination with required site development standards in achieving their intent. Except as noted, these provisions take precedence over provisions in the San Bernardino County Development Code. References to applicable State and Federal standards, however, shall be as specified in the Development Code.

**2. Exemptions**

The following sources of hazards and nuisances are exempt from these requirements:

- a) Emergency equipment, vehicles and devices; and
- b) Temporary construction, maintenance or demolition activities conducted between the hours of 6:30 a.m. and 8:00 p.m. However, this exemption does not apply on Sundays and national holidays.

**3. Topical Standards****a) Accessory Structures**

Any ground structures accessory to the main buildings are subject to the same site development regulations as the main buildings. They shall be designed and located so as to:

- 1) Blend with the other structures on the site,
- 2) Avoid impeding access to buildings, loading, or parking areas on the site, and
- 3) Be consistent with the other performance standards specified in this Section.

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## b) Air Quality.

Operations or activities shall not cause the emission of any ash, dust, fumes, gases, vapors, or other forms of pollutants that can cause damage to people, animals, vegetation or other property. Emission levels shall not exceed the levels permitted by the rules and regulations of the South Coast Air Quality Management District or the requirements of any Air Quality Plan or the Greenhouse Gas Emissions Reduction Plan adopted by the County of San Bernardino.

## c) Electrical Interference.

Operations or activities that generate, emit or transmit electrical energy shall be carried out in such a way that it does not cause magnetic, electrical, electronic or electromagnetic radiation, interference or disturbance that adversely affects persons or the operation of any equipment or conduct of any process employed by any use beyond the site boundary. Such operations or activities must also comply with regulations of the Federal Communications Commission.

## d) Fire or Explosive Hazard

Operations, activities or equipment involving the storage of flammable or explosive materials shall be provided with adequate safety devices against the hazard of fire or explosion. Safety procedures associated with such hazards shall be clearly posted and personnel shall be properly trained in these procedures. Adequate fire alarms, fire-fighting and fire suppression equipment and devices must be provided on-site in accordance with the requirements of the California Building Code and the California Fire Code. Burning of waste materials in open fire is expressly prohibited. Storage standards defined in Section 83.01.060 of the Development Code related to Regional Industrial (IR) shall apply to Commercial/Destination Entertainment.

## e) Fissionable or Radioactive Materials

Operations or activities shall not at any time produce the release or emission of any fissionable or radioactive materials onto the ground or into the atmosphere or any public or private sewerage disposal system.

## f) Heat or Cold

Operations or activities shall not emit a heating or cooling effect that would cause a temperature increase or decrease on any adjacent property in excess of ten degrees Fahrenheit, whether the change is measured in the air, on the ground, or on the surface of any structure.



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## g) Liquid and Solid Wastes

Operations or activities shall not discharge any liquid or solid waste material onto the ground, into any watercourse, or into any public or private sewerage disposal system unless said discharge complies with the requirements of the San Bernardino County Development Code Section 83.01.100.

## h) Light and Glare

Lights shall be designed, oriented, and shielded so that glare does not extend beyond the property line to any adjacent property, roadway or freeway. In particular, no glare shall be produced that would be distracting to motorists on the I-15 and I-215 Freeways and their associated transition roads. Lighting levels on the property shall be sufficient to provide for safe operations according to commonly accepted specifications for proper security.

## i) Loading

Loading docks or areas shall be located and designed to adequately accommodate the vehicles that serve the use. They shall be oriented in such a way that they do not impede access to adjacent properties. Loading areas shall be located, designed and operated to avoid nuisance to adjacent visitor serving accommodations.

## j) Maintenance of Open Areas

Open areas devoted to landscape or hardscape shall be maintained in a weed-free condition. Soil areas shall be landscaped in such a way that dirt and dust are not picked up by high winds.

## k) Mechanical and Electrical Equipment

Except for solar collectors, equipment such as air conditioners, refrigeration equipment, antennas, pumps, transformers, heating and ventilating equipment and ducts, pipes, and conduits shall be located, designed and operated to avoid disturbance of uses and activities on adjacent properties. Where such equipment is visible from either the I-15 or I-215 Freeway, Cajon Boulevard, Kendall Drive, or Glen Helen Parkway, it shall be shielded from view by architectural treatment. Shielding shall also be provided for the benefit of adjacent visitor-serving uses.

## l) Noise

Provisions of Section 83.01.080 of the San Bernardino County Development Code shall be observed except as specified below. Existing uses as of the date of adoption of this Specific Plan, including the San Manuel Amphitheater., shall be exempt from these noise provisions. Future business operations and activities within or adjacent to visitor serving designations shall be conducted

**C/DE**

to comply with the following noise standards, measured at the site property line:

- 1) Industrial and commercial operations and activities shall not create any noise that would exceed an exterior noise level of 55dBA during the hours of 10:00 p.m. to 7:00 a.m. and 60dBA during the hours of 7:00 a.m. to 10:00 p.m.
- 2) No loading or unloading operation, handling of containers or materials, or moving of items in a manner that would disturb occupants of nearby lodgings shall be conducted between the hours of 10:00 p.m. to 7:00 a.m.
- 3) No repair, rebuilding, modifying or testing of any type of equipment or vehicle, including their engines, shall be conducted in such a manner as to increase a noise disturbance for occupants of nearby lodgings between the hours of 10:00 p.m. and 7:00 a.m.

m) Odors

Operations or activities shall not be permitted to emit odorous fumes, gases or other odorous matter in such amounts as to be dangerous, injurious, noxious, or otherwise objectionable and readily detectable without the aid of instruments beyond the site boundary.

n) Outdoor Storage, Trash and Service Areas

All areas for outdoor storage of equipment or vehicles, industrial materials, refuse; collection, recycling or service areas, shall be enclosed or effectively screened from public view by use of fencing, walls, landscaping, berms, or some combination of these devices. The height of screened material shall not exceed the height of the screening device.

o) Smoke and Dust

Operations or activities shall not emit smoke, fumes or dust that exceed the limits specified by the South Coast Air Quality Management District.

p) Vibration

Operations or activities shall not create vibration noticeable without instruments at the site boundary.

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**GH2.0420 Corridor Industrial (CI) and Corridor Industrial Overlay (CI-O)****(a)  
Definition**

The Corridor Industrial (CI) and Corridor Industrial Overlay (CI-O) designation allows a range of general industrial uses, including research and development activities, small parts and equipment manufacturing, assembly, processing, repair services for goods and equipment, and supporting office/administrative uses. All such uses shall be in totally enclosed buildings. Limited outdoor commercial services and general industrial uses, including truck terminals, truck and trailer, passenger vehicle and recreational vehicle sales and manufactured home sales are allowed with a Minor Use Permit or Conditional Use Permit, as specified. Also, special development standards may be included for limited outside storage related to screening, landscaping, and location of uses.

The Corridor Industrial Overlay (CI-O) allows for the same uses and follows the same development standards as the Corridor Industrial (CI) Zone. The CI-O encompasses 48.7 acres located within the Sycamore Flats sub-area, north of Glen Helen Parkway.



*Corridor Industrial area along Cajon Boulevard (circa 2005).*

**(b)  
Conditional Uses  
(MUP)**

The following uses are permitted within the Corridor Industrial designation; subject to approval of Minor Use Permit application:

1. Professional Services, such as:
  - Architect/Engineer Offices
  - Communications Contractor
2. Retail Trade/Personal Services, such as:
  - Barber and Beauty Shops
  - Building and Landscape Materials Sales -- Indoor
  - Clothing Rental
  - Commercial Entertainment – Indoor
  - Copy/Film Centers
  - Dry-Cleaning Pick-Up Stores with limited equipment
  - Fitness/Health Facilities
  - Home Electronics and Small Appliance Repair
  - Kennel or Cattery
  - Laundromats (self-service laundries)
  - Locksmiths
  - Massage (Licensed, Therapeutic)
  - Meeting Facilities – public or private
  - Office Supplies and Equipment Stores
  - Pet Grooming with no boarding
  - Photography Studios.
  - Psychics, Palm Readers
  - Restaurant, Café, Coffee Shop
  - Shoe Repair
  - Tailors
  - Tanning Salons
  - Tattoo and Body Piercing Services.
  - Veterinary Clinic, Small Animal Hospitals
3. Convenience/Support Services, such as:
  - Limited Food Services
  - Gasoline and Propane Sales
  - Limited Retail Services

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4. Repair Services, such as:
  - Appliance Repair Shops
  - Limited Repair Services, such as jewelry, bicycle, audio
  - Reupholstery, Furniture Repair.
  - Vehicle Services -- Minor Auto/Motorcycle/RV Repairs exclusive of overhauls, Muffler, Oil Change, Tire Shops
5. General Industrial, such as:
  - Auto Paint Shops
  - Blue Printing, Reproduction and Copying Services, Bookbinding, Photoengraving, and Printing
  - Electronic Equipment Testing and Repair Services
  - Experimental/Prototype Design, Assembly and Testing Facilities
  - Industrial/Commercial Business Incubator (flexible) Buildings
  - Mail order Businesses
  - Research and Development Facilities (including laboratories and product development)
  - Software Design Uses
  - Technology Exchange/Transfer Services
  - Welding and Metal Repair
6. Manufacturing, such as:
  - Specialized—computer products, food packaging, knitting mills, garments, cabinet shops, furniture assembly, paper products, pottery, scientific labs/instruments, jewelry, printing/publishing
  - General—flour mills, fabric mills, furniture manufacture, plastics, brick products, vehicle parts assembly.
7. Recycling Operations, such as:
  - Small Collection Facilities (see Section 84.19.060 of the Development Code)
8. Storage/Warehouse Operations, such as:
  - General—warehouse, lumber yards
  - Limited—mini-storage, discount wholesale stores, recreational vehicle storage
9. Wholesaling and Distribution, such as:
  - Agents, Merchandise or Commodity Brokers, and Commission Merchants
  - Assemblers, Buyers and associations engaged in the cooperative marketing of farm products
  - Merchant Wholesalers
  - Stores primarily selling electrical, plumbing, heating and air conditioning supplies and equipment.
  - Storage, Processing, Packaging, and Shipping Facilities for mail order and e-commerce retail establishments

10. Transportation and Communication such as:
  - Ambulance, Taxi or Limousine Dispatch Facilities
  - Broadcasting studio
  - Parking Structures
  - Transportation Facility
  - Truck Terminal
11. Other Uses, such as:
  - Historic monuments and sites
  - Live/work Units
  - Wildlife and Nature Preserves, Lakes, Watercourses.

**CI****(c)  
Conditional  
Uses (CUP)**

The following uses are conditionally permitted within the Corridor Industrial designation; subject to approval of a Conditional Use Permit (CUP):

1. Outdoor Commercial Services, such as:
  - Auto and Vehicle Sales and Rental
  - Recreational Vehicle Sales
  - Small Equipment Sales and Rental
  - Manufactured Home Sales
2. Repair Services, such as:
  - Major Auto/Motorcycle/RV Repair, including overhaul.
3. Recycling/Salvage Operations, such as:
  - Large Collection Facilities (see Section 84.19.070 of the Development Code).
  - Salvage Operations within an enclosed structure
4. Additional Uses:
  - Temporary and permanent government facilities and enterprises (Federal, State and Local) where buildings and/or property are publicly owned or leased.
  - Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.
  - Institutional uses including, but not limited to, schools, colleges and universities, conference centers, hospitals, churches, rehabilitation centers and organizational camps.
  - Museums, art galleries, and libraries.
  - Planetariums, aquariums, zoos, botanical gardens and arboretums.
  - Residential care facilities with seven (7) or more clients.
  - Radio and television stations and towers.
  - Sports-oriented recreational uses requiring remote locations including, but not limited to: rifle, pistol and archery ranges, sky diving jump sites, off-road and recreational vehicle parks, marinas, miniature golf courses, hunting and fishing clubs, ski resorts and recreational camps.
  - Arenas, field houses, auditoriums, rodeo facilities.
  - Recreation and community centers, gymnasiums, athletic clubs.
  - Emergency and transitional shelters for the homeless.



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**(d)  
Prohibited  
Uses**

The following uses are prohibited:

1. Ammunition/Fireworks.
2. Bail Bond Services.
3. General Salvage Operations.
4. Impound Yard
5. Petroleum Refining and Related.
6. Poultry Dressing Plants.
7. Primary Metal Industries.
8. Primary Outdoor Storage except as permitted above in Sections GH2.0420 (b – c)
9. Off-site signs.
10. Slaughter Houses, Rendering.

**CI****(e)  
Transitional  
Uses**

The following uses are defined as transitional uses:

1. Single Family Dwelling Unit.
2. Multiple Family Dwelling Unit.

Existing residential uses and structures may be maintained and improved as permitted uses until the property owner decides to replace them with Corridor Industrial uses. Legal existing residential units shall include dwellings for which permits have already been issued, or dwellings for which permit applications have been accepted for processing by the County prior to the date of adoption of this provision.

A combination of residential and industrial uses is not allowed on a parcel.

No new residential dwelling units are allowed, except for Dependent Housing, as allowed in accessory uses.

A single-family dwelling unit may be expanded by up to 25% of its size as it was permitted on the date of adoption of this provision. Multiple family dwelling units may not be expanded. Replacement of residential structures destroyed by fire, earthquake, or other catastrophe may be rebuilt and the use continued until a change is sought by the property owner.

The following accessory uses are allowed for single family transitional uses:

- Accessory Animal Keeping pursuant to Section 84.04.090 of the Development Code.
- Dependent Housing pursuant to Chapter 84.08 of the Development Code.
- Home Occupations pursuant to Chapter 84.12 of the Development Code.

The following accessory use is allowed for multiple family transitional uses:

- Home Occupations pursuant to Chapter 84.12 of the Development Code.

**CI****(f)  
Accessory  
Uses**

The following uses are allowed as accessory uses within the Corridor Industrial designation:

1. Caretaker housing pursuant to Subsection 84.01.040(b) of the Development Code, except that an existing dwelling shall be exempt from the locational requirements.
2. Parking structures and lots
3. Reverse Vending and Small Collection Recycling Facilities, with appropriate permit, pursuant to Chapter 84.19 of the Development Code.
4. Outdoor storage, limited to 1,000 square feet or 25% of the primary use gross floor area, whichever is less, and screened as specified in Chapter 3 (Design Guidelines) of Division 3 of this Plan.
5. Outdoor storage of freight containers, intermodal containers, or other similar storage-type containers are allowed in excess of paragraph 4 when affiliated with a conditionally approved truck terminal. The number of containers, layout, height restrictions (inclusive of stacking), and other operational standards shall be determined by the Review Authority as part of the site plan for the conditionally approved truck terminal based on the unique project, site, and surrounding characteristics. The Review Authority may require a visual impact assessment in order to ensure outdoor storage areas are effectively screened and compatible with the surrounding area as specified in Chapter 3 (Design Guidelines) of Division 3 of this Plan.

**(g)  
Temporary  
Uses**

The following uses are allowed as temporary uses:

1. Construction Office Structure pursuant to Chapters 84.25 and 85.15 of the Development Code.
2. Nonresidential Structure pursuant to Chapters 84.25 and 85.15 of the Development Code.
3. Special Events pursuant to Chapter 85.16 of the Development Code.

**(h)  
Site  
Development  
Standards****1. Building Site Requirements**

- a) Minimum lot size shall be two acres, calculated per Subsection 83.02.050(e) of the County Development Code.
- b) Existing lots that are less than two acres in size as of the adoption of this Specific Plan are “grandfathered” as legal building sites and can be built upon according to the standards of this Plan.

- c) Consolidation of lots to achieve the minimum lot size for development is essential to minimize the number of access points along Kendall Drive and Cajon Boulevard. In lieu of lot consolidation, property owners may be conditioned to provide a reciprocal access agreement for an adjacent property so that future joint access to the two properties is assured. See Division 3, Chapter 2 of the Site Planning Guidelines, below for further on-site development guidance.
- d) Consolidation of lots to achieve the minimum lot size for development.
- e) Property owners that consolidate lots to achieve a two-acre or greater lot size, are eligible to receive a floor area ratio bonus and other incentives, in accordance with the under-Land Assembly/ Coordinated Planning, below.

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- f) Minimum lot width, measured at the front property line, is 100 feet.
- g) Minimum lot depth is 200 feet.

## **2. Building Height and Area Limitations**

- a) Maximum structure height is 75 feet.
- b) Uninhabited architectural projections such as roof peaks, parapets, and towers may extend up to ten feet above this limit.
- c) Maximum lot coverage is 85%. This includes the surface area of a lot that is paved or covered by a building, in accordance with the County Development Code. This would include parking areas and hardscaped outdoor storage areas.
- d) Maximum floor area ratio (FAR) is .5. FAR is defined as the total gross square footage of a building divided by the net parcel size.

## **3. Building Setbacks**

- a) Minimum front setback, measured from the property line, is 25 feet from major highways and secondary highways and 15 feet from a collector and local road.
- b) Minimum interior side setback is ten feet. This setback is required on only one side to provide for emergency access. If the adjacent property is not designated commercial or industrial, the interior side setback shall be required along that side of the property as well.
- c) Minimum street side setback is ten feet for collector and local roads and 15 feet for major highways and secondary highways.
- d) Minimum rear yard, measured from the property line, is ten feet, except for properties with a freeway edge the minimum rear yard is 25 feet.
- e) Minimum building separation on-site is 20 feet. However, configuration and dimensions between buildings must permit access to all areas of the property by fire equipment.

## **4. Landscape Setbacks**

- a) From major highways and secondary highways the landscape setback is 15 feet from ultimate right-of-way.

**CI**

- b) From a collector and local road, the landscape setback is ten feet from the ultimate right-of-way.
- c) From a freeway the landscape setback is 25 feet. This setback may be reduced at the discretion of the Director of Land Use Services, if screening landscape is added within the freeway right-of-way.

**5. Off-Street Parking**

Refer to Division 3, Chapter 2 (Site Planning Guidelines) as applicable.

**6. Signage**

Refer to Division 3, Chapter 5 (Signage Guidelines) as applicable. Accessory sign standards shall be the same as Community Industrial Land Use Zoning District Development Standards per Subsection 83.13.050(c)(12) of the County Development Code, except for free-standing signs. The size of a free-standing sign shall be based on a ratio of 1:4 (building frontage to sign area) up to a maximum of 200 square feet.

**7. Other General Development Regulations**

Refer to Division 2, Chapter 7 (General Development Regulations) of this Plan as applicable.

**8. Design Guidelines**

Refer to Division 3 (Design Guidelines) of this Plan as applicable.

**(i)  
Development  
Guidelines  
and Special  
Provisions**

**1. Land Assembly/Coordinated Planning**

Consolidation of existing small parcels in the commercial and industrial districts is highly desirable because of the ability to design larger parcels more successfully. An alternative to lot consolidation is the preparation of comprehensive site development plans for adjacent parcels under multiple ownerships. That option is acceptable should the property owners involved elect to invest in preparing such a plan and recording its provisions as deed restrictions on the property.

- a) Incentives for lot consolidation to achieve a two-acre or greater lot size are based on the following principles:
  - 1) Incentives are to be real and not symbolic: they must translate into usable value.

CI
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- 2) Landowners/developers should have a menu of options from which they can select the most desirable incentives according to their circumstance, including rejecting incentives entirely.
  - 3) Use of incentives are not intended to justify development standards or Conditions of Approval beyond the requirements of the Code, nor are they intended to make a project more vulnerable to legal challenge.
  - 4) The County may negotiate combinations of incentives according to the circumstances that prevail. Applicants should not expect that all incentives will be used concurrently. In some cases, increments of incentive specified may vary, depending upon the circumstances and the number of incentives being sought. The general intention is that all consolidation projects will benefit from the Processing Time and Lot Merger incentives.
- b) The menu of incentives shall include:
- 1) Intensity Bonuses. Increases in intensity shall be in 10% increments, adding 10% additional gross square footage of use for each parcel added to the initial parcel of land. For example, combining three lots would generate a 20% intensity bonus, 10% for each of the two lots added.
  - 2) Application Fee Reduction. Fee reductions for application processing shall be in 25% increments for each parcel added to the initial parcel of ownership, up to 75%. For example, fees for adding three parcels in a lot consolidation would be reduced by 75%.
  - 3) Public Improvement Assistance. The County may assume responsibility for selected infrastructure improvements as an incentive for lot consolidation. Because each situation varies so significantly, no specific amount can be stated. However, the County intends to seek funding from the State Infrastructure Bank and other sources to assist in the improvement of this area.
  - 4) Processing Time. Projects that involve lot consolidation will automatically get priority processing, irrespective of the number of lots involved.
  - 5) Lot Merger Process. Projects that are built on two or more existing legal building sites require a parcel map or lot merger to convert them to a single property under current

**CI**

County procedures. Where consolidation occurs under this Specific Plan, the County will incur costs associated with this process.

**2. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**3. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**4. Geologic Hazard Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

**5. Scenic Resources Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0525 of this Plan shall apply.

**6. Biological Resources Management**

Refer to the natural plant community's assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

**7. Corridor Industrial Overlay**

A request for a permit or approval, whether ministerial or discretionary, for the development of a parcel located within the Corridor Industrial Overlay (CI-O) designation shall require the project applicant to submit a written notice to the Department confirming the applicant's election to establish a use that is consistent with either the SFR-SF or CI designation and an acknowledgment that the remaining uses within the CI-O designated area shall be consistent with the zone selected. The establishment of a use as either SFR-SF or CI shall be binding on all parcels and future owners within the CI-O designation.

**(j)  
Performance  
Standards for  
Commercial  
and Industrial  
Districts**

**1. Intent**

The intent of these performance standards is to:

- a) Protect the health and safety of persons from hazards and nuisances,
- b) Contribute to the quality of the built environment,



**CI**

- c) Stimulate investment in the area through assurances that quality features will protect those investments, and
- d) Stimulate creativity in design that leads to special character in the living environment.

Performance standards set maximum limits on adverse impacts of permitted uses or development of the land. These standards operate in combination with required site development standards in achieving their intent. Except as noted, these provisions take precedence over provisions in the San Bernardino County Development Code. References to applicable State and Federal standards, however, shall be as specified in the Development Code.

**2. Exemptions**

The following sources of hazards and nuisances are exempt from these requirements:

- a) Emergency equipment, vehicles and devices; and
- b) Temporary construction, maintenance or demolition activities conducted between the hours of 6:30 a.m. and 8:00 p.m. However, this exemption does not apply on Sundays and national holidays.

**3. Topical Standards**

- a) Accessory Structures: Any ground structures accessory to the main buildings are subject to the same site development regulations as the main buildings. They shall be designed and located so as to:
  - 1) Blend with the other structures on the site;
  - 2) Avoid impeding access to buildings, loading, or parking areas on the site; and
  - 3) Be consistent with the other performance standards specified in this Section.

- b) Air Quality

Operations or activities shall not cause the emission of any ash, dust, fumes, gases, vapors, or other forms of pollutants that can cause damage to people, animals, vegetation or other property. Emission levels shall not exceed the levels permitted by the rules and regulations of the South Coast Air Quality Management District or the requirements of any Air Quality Plan or the Greenhouse Gas Emissions Reduction Plan adopted by San Bernardino County.

- c) Electrical Interference

Operations or activities that generate, emit or transmit electrical energy shall be carried out in such a way that it does not cause magnetic, electrical, electronic or electromagnetic radiation, interference or disturbance that adversely affects persons or the operation of any equipment or conduct of any process employed

<b>CI</b>
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by any use beyond the site boundary. Such operations or activities must also comply with regulations of the Federal Communications Commission.

d) Fire or Explosive Hazard

Operations, activities or equipment involving the storage of flammable or explosive materials shall be provided with adequate safety devices against the hazard of fire or explosion. Safety procedures associated with such hazards shall be clearly posted and personnel shall be properly trained in these procedures. Adequate fire alarms, firefighting and fire suppression equipment and devices must be provided on-site in accordance with the requirements of the California Building Code and the California Fire Code. Burning of waste materials in open fire is expressly prohibited. Storage standards defined in Section 83.01.060 of the Development Code related to Regional Industrial (IR) shall apply here to Corridor Industrial.

e) Fissionable or Radioactive Materials

Operations or activities shall not at any time produce the release or emission of any fissionable or radioactive materials onto the ground or into the atmosphere or any public or private sewerage disposal system.

f) Heat or Cold

Operations or activities shall not emit a heating or cooling effect that would cause a temperature increase or decrease on any adjacent property in excess of ten degrees Fahrenheit, whether the change is measured in the air, on the ground, or on the surface of any structure.

g) Liquid and Solid Wastes

Operations or activities shall not discharge any liquid or solid waste material onto the ground, into any watercourse, or into any public or private sewerage disposal system unless said discharge complies with the requirements of the San Bernardino County Development Code Section 83.01.100.

h) Light and Glare

Lights shall be designed, oriented, and shielded so that glare does not extend beyond the property line to any adjacent property, roadway or freeway. In particular, no glare shall be produced that would be distracting to motorists on the I-15 and I-215 Freeways and their associated transition roads. Lighting levels on the

<b>CI</b>
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property shall be sufficient to provide for safe operations according to commonly accepted specifications for proper security.

i) Loading

Loading docks or areas shall be located and designed to adequately accommodate the vehicles that serve the use. They shall be oriented in such a way that they do not impede access to adjacent properties. Loading areas shall be located, designed and operated to avoid nuisance to adjacent visitor serving accommodations.

j) Maintenance of Open Areas

Open areas devoted to landscape or hardscape shall be maintained in a weed-free condition. Soil areas shall be landscaped in such a way that dirt and dust are not picked up by high winds.

k) Mechanical and Electrical Equipment

Except for solar collectors, equipment such as air conditioners, refrigeration equipment, antennas, pumps, transformers, heating and ventilating equipment and ducts, pipes, and conduits shall be located, designed and operated to avoid disturbance of uses and activities on adjacent properties. Where such equipment is visible from either the I-15 or I-215 Freeway, Cajon Boulevard, Kendall Drive, or Glen Helen Parkway, it shall be shielded from view by architectural treatment. Shielding shall also be provided for the benefit of adjacent visitor serving uses.

l) Noise

Provision of Section 83.01.080 of the San Bernardino County Development Code shall be observed except as specified below. Business operations and activities within or adjacent to visitor serving designations shall be conducted to comply with the following noise standards, measured at the site property line:

- 1) No loading or unloading operation, handling of containers or materials, or moving of items in a manner that would disturb occupants of nearby lodgings shall be conducted between the hours of 10:00 p.m. to 7:00 a.m.
- 2) No repair, rebuilding, modifying or testing of any type of equipment or vehicle, including their engines, shall be conducted in such a manner as to increase a noise

<b>CI</b>
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disturbance for occupants of nearby lodgings or dwellings between the hours of 10:00 p.m. and 7:00 a.m.

m) Odors

Operations or activities shall not be permitted to emit odorous fumes, gases or other odorous matter in such amounts as to be dangerous, injurious, noxious, or otherwise objectionable and readily detectable without the aid of instruments beyond the site boundary.

n) Outdoor Storage, Trash and Service Areas

All areas for outdoor storage of equipment or vehicles, industrial materials, refuse; collection, recycling or service areas, shall be enclosed or effectively screened from public view by use of fencing, walls, landscaping, berms, or some combination of these devices. The height of screened material shall not exceed the height of the screening device.

o) Smoke and Dust

Operations or activities shall not emit smoke, fumes or dust that exceeds the limits specified by the South Coast Air Quality Management District.

p) Vibration

Operations or activities shall not create vibration noticeable without instruments at the site boundary.

**GH2.0422      Heavy Industrial (HI)****(a)  
Definition**

The Heavy Industrial designation addresses the limited locations where heavier industrial uses can be located along Cajon Boulevard and Kendall Drive. The Heavy Industrial designation totals approximately 129 acres.

The intent of the Heavy Industrial zone is to provide for certain industrial uses that include primary outdoor storage. The Heavy Industrial zone is generally located in areas that are served by the railroad, are not visible from Scenic Corridors, and/or allow for additional screening from public views.



*Existing heavy industrial use within the Heavy Industrial designation (circa 2005)*

<b>HI</b>
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**(b)  
Conditional  
Uses (MUP)**

The uses permitted pursuant to Section GH2.0420(b) of this Plan shall be permitted in the Heavy Industrial designation subject to approval of Minor Use Permit application.

**(c)  
Conditional  
Uses (CUP)**

The uses permitted pursuant to Section GH2.0420(c) of this Plan shall be permitted in the Heavy Industrial designation subject to approval of Conditional Use Permit application. The following uses shall also be permitted subject to a Conditional Use Permit:

1. Impound Yard
2. Contract Construction Services
3. Construction Equipment Sales and Repair
4. Large Collection Facilities (per Development Code Chapter 84.19, except for the screening provisions which shall be per this Specific Plan).
5. Light Processing Facilities (per Development Code Chapter 84.19, except for the screening provisions which shall be per this Specific Plan).
6. Heavy Processing Facilities (per Development Code Chapter 84.19, except for the screening provisions which shall be per this Specific Plan).
7. Lumber and Building Materials Yard
8. General Repair Services (repair in enclosed building but with overnight exterior storage)
9. Manufacturing with Outdoor Storage
10. Mineral Extraction and Processing
11. Poultry dressing plant
12. Recreational Vehicle Storage

**(d)  
Prohibited  
Uses**

The following uses are prohibited:

1. Ammunition/fireworks
2. Animal keeping
3. General Salvage Operations
4. Off-site signs.

<b>HI</b>
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5. Petroleum refining and related
6. Primary metal industries
7. Residential of any type
8. Slaughterhouses, rendering
9. Retail and service commercial

**(e)**  
**Development**  
**Standards**

Site development standards shall be consistent with the Corridor Industrial designation [GH2.0420(h)], except for the following: Open storage of materials and products may exceed the area limits of the CI designation (Subsection GH2.0420 Corridor Industrial) if properly screened from view from public streets and highways. Open storage and loading areas shall be screened with a combination of solid walls and landscaping. No stored materials or products may extend higher than the required screening materials.



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**GH2.0425      Single-Family Residential – Sycamore Flats (SFR-SF)****(a)  
Definition**

The Single-Family Residential – Sycamore Flats (SFR-SF) designation provides for single-family detached residential development, at a density of up to seven dwelling units per acre, within the Sycamore Flats sub-area. This product may consist of standard residential single-family detached subdivision development or may consist of a residential single family detached condominium style development (as displayed in detached condominium exhibit) or a combination thereof. Any new residential development will be required to satisfy conditions related to regional park, Sheriff's facilities, open space, and natural resources impacts.

**(b)  
Allowed  
Uses**

The following uses are allowed within the SFR-SF designation (no planning permit required):

- Accessory structures and uses
- Childcare – small family daycare home
- Licensed Residential Care Facility (six or fewer clients)
- Standard Single Family Dwelling Unit
- Single Family Detached Condominium Dwelling Unit
- Open Space

**(c)  
Permitted  
Uses**

The following uses are permitted within the SFR-SF designation; subject to approval of a Site Plan Permit (P) review:

- Park, playground
- Active and passive recreational uses associated with public parkland or private common recreation facilities

**(d)  
Conditional  
Uses (MUP)**

The following uses are conditionally permitted within the SFR-SF designation; subject to approval of a Minor Use Permit (MUP) review:

- Equestrian Centers (boarding stables, horse rentals)
- Animal keeping – Small animal ranches/farms/animal sanctuary
- Agricultural accessory structure – 1,000 sf max.
- Crop production, horticulture, orchard, vineyard, nurseries
- Historic monuments and sites
- Wildlife and nature preserves, lakes, watercourses.
- Childcare – Large family daycare home
- Public Safety Facility
- Historic monuments and sites

**SFR-SF****(e)  
Special Use  
Permit (SUP)**

The following uses are permitted within the SFR-SF designation; subject to approval of a Special Use Permit (SUP).

1. Home Occupations
2. Interim Uses such as support facilities associated with highway construction, infrastructure development and logistic facilities including but not limited to, batch plants, equipment storage yards, and storage for truck trailers and containers.
  - a. Interim Uses shall be permitted for a period not to exceed 10 years.
  - b. A de-commissioning plan detailing the dismantling of the interim facilities shall be included as part of the SUP application and approval process. Additional measures such as security requirements, lighting plans and bonds to guarantee de-commissioning may be required at the discretion of the Director of Land Use Services

**(f)  
Prohibited  
Uses (SUP)**

The following uses are prohibited within the SFR-SF designation due to a need to maintain an environment within this District that is conducive to residential development:

1. Commercial uses per Sections GH2.0410 and GH2.0415 of this Plan, except as provided for in this Section.
2. Development of natural resources.
3. Electrical generating stations.
4. Emergency and transitional shelters for the homeless.
5. Hazardous waste operations.
6. Industrial uses per the Industry, Manufacturing & Processing, and Wholesaling sections of Tables 82-4, 82-7, 82-11, and 82-17 of the County Development Code.
7. Radio and television stations and towers.
8. Solid waste disposal sites, rubbish incinerators, and recycling centers.

**SFR-SF****(g)  
Site  
Development  
Standards****1. Building Site Requirements****Standard Single Family Detached**

- a) Minimum lot size shall be 4050 SF, calculated per Subsection 83.02.050(e) of the County Development Code.
- b) Minimum lot width: 40 feet.
- c) Minimum lot depth: 90 feet.
- d) Maximum lot coverage: 70%

**Detached Single Family Condominium**

- e) Minimum lot area per dwelling unit shall be 2000 square feet
- f) Minimum lot area width: 30 feet
- g) Minimum lot area depth: 65 feet
- h) Minimum spacing between buildings: 10 feet
- i) Maximum lot coverage: 80%

**2. Building Height and Area Limitations**

Maximum Housing Density: 7 dwelling unit per acre.

**3. Building Setbacks****Standard Single Family Detached**

- a) Minimum front setback, measured from the property line, is 10 feet.
- b) Minimum interior side setback is 5 feet.
- c) Minimum street side setback is 10.
- d) Minimum rear yard, measured from the property line, is 10 feet (3 feet to garage for alley loaded homes). For properties with a freeway edge, the minimum building setback is 20 feet from the freeway right-of-way. Landscaping within the freeway landscape zone will be required of the master developer. See Division 3, Chapter 1 (Landscape Architecture Guidelines) of this Plan for additional freeway landscaping guidance.

**SFR-SF**

- e) Minimum on-site building separation is 10 feet. However, configuration and dimensions between buildings must permit access to all areas of the property by fire equipment.

**Detached Single Family Condominium**

- f) Minimum Street setback, measured from the property line, is 10 feet.
- g) Minimum rear yard setback is 10 feet.
- h) Minimum outdoor space required is 120 square feet with a minimum backyard width of 8 feet between dwelling unit and property boundary.

**4. Landscape Setbacks**

- a) From a major highway and secondary highways the landscape setback is 10 feet from ultimate right-of-way.
- b) From a collector and local road the landscape setback is 10 feet from ultimate right-of-way.
- c) From a freeway the landscape setback is 30 feet from ultimate right-of-way.

**5. Off-Street Parking**

Refer to Division 3, Chapter 2 (Site Planning Guidelines) as applicable.

**6. Signage**

Refer to Division 3, Chapter 5 (Signage Guidelines) of the Plan as applicable. Accessory sign standards shall be the same as Special Development sign standards per Subsection 83.13.050(e) of the County Development Code. These standards may be modified by a Planned Development or Conditional Use Permit.

**7. Other General Development Regulations**

Refer to Division 2, Chapter 7 (General Development Regulations) of this Plan as applicable.

**8. Design Guidelines**

Refer to Division 3 (Design Guidelines) of this Plan as applicable.

**SFR-SF****(h)  
Development  
Guidelines and  
Special  
Provisions****1. Preservation and Restoration of Riparian Habitat for Least Bell's Vireo**

Neighborhood I encompass a riparian corridor, Sycamore Flats, which will be preserved and enhanced as part of the proposed project. The northernmost portion of the corridor is not included in the preservation/enhancement area for this Specific Plan since it is San Bernardino County's land. Mitigation for riparian habitat impacts elsewhere in the project area will include restoration and enhancement to approximately 18.9 acres of the riparian corridor and the adjacent floodplain. This area serves as habitat for the least Bell's vireo.

**2. Protection of Nesting Birds**

To protect nesting birds regulated by the federal Migratory Bird Treaty Act, efforts will be made to schedule vegetation removal between September 1 and February 14 to avoid the nesting bird season. If clearing and/or grading activities cannot be avoided during the nesting season, all suitable habitat will be thoroughly surveyed for the presence of nesting birds by a qualified biologist prior to removal. If any active nests are detected, the area will be flagged, along with a minimum 100-foot buffer (buffer may range between 100 and 300 feet as determined by the monitoring biologist) and will be avoided until the nesting cycle is complete or it is determined by the monitoring biologist that the nest has failed. In addition, a biologist will be present on the site to monitor any vegetation removal to ensure that nests not detected during the initial survey are not disturbed.

**3. Protection of Burrowing Owls**

In order to avoid impacts to any burrowing owls that may colonize the development impact footprint prior to commencement of construction activities, a Phase III protocol survey shall be conducted within 30 days prior to commencement of ground disturbance activities (California Burrowing Owl Consortium 1993). This pre-construction survey will entail four separate days between two hours before sunset to one hour after or one hour before sunrise to two hours after. This survey applies during both the breeding season (February 1 through August 31) as well as the non-breeding season when wintering owls are most likely detected if present (December 1 through January 31). If burrowing owls are detected within the development impact footprint or within approximately 80 feet of the impact area, on-site passive relocation would be conducted during the non-breeding season in accordance with the establishment protocol (California Burrowing Owl Consortium, 1993).

<b>SFR-SF</b>
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**4. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**5. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**6. Geology and Soils**

Refer to the Geology and Soils Section (Appendix A).

**7. Scenic Resource Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0525 of this Plan shall apply.

**8. Biological Resources**

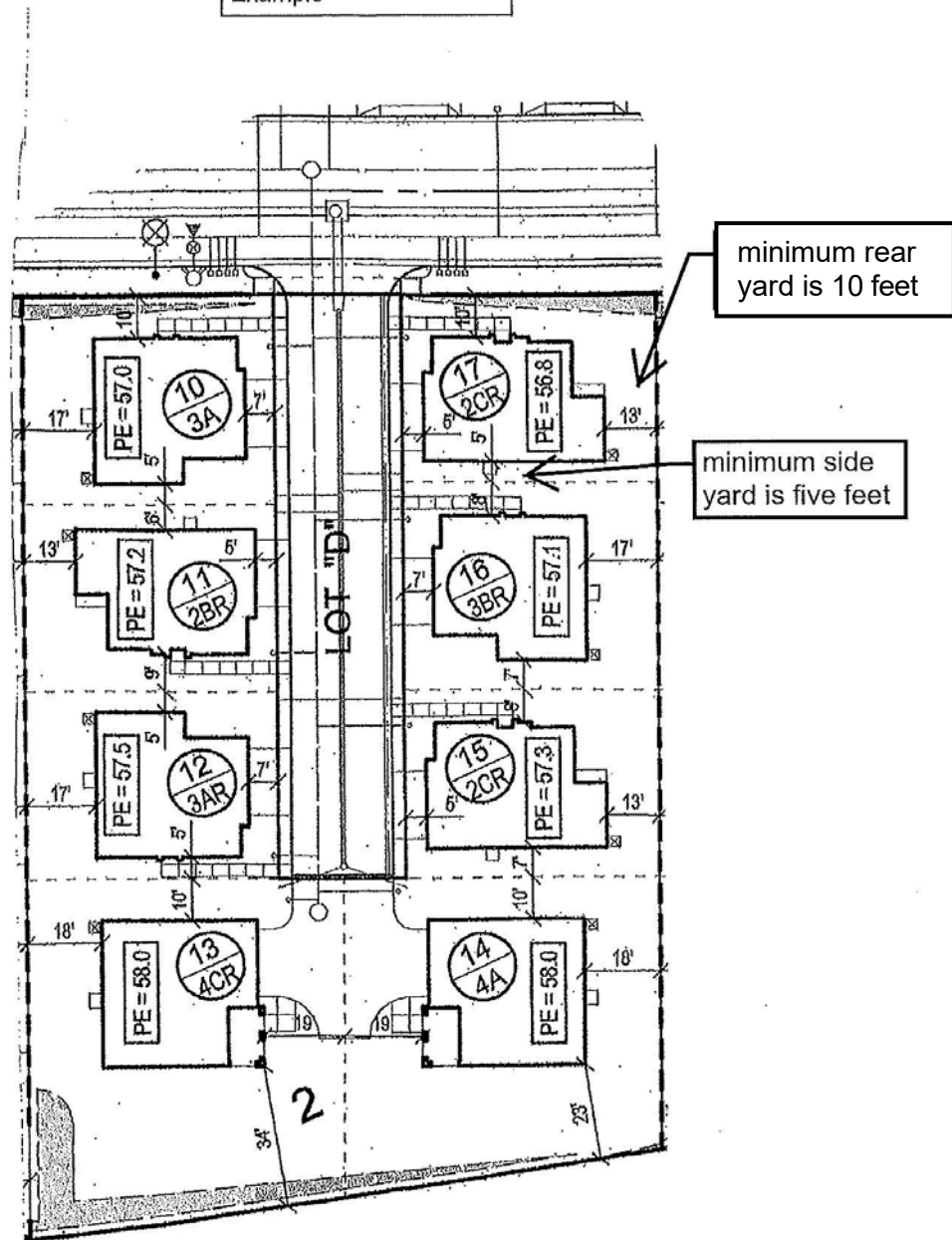
Refer to the Biological Resources Section (Appendix A).

**9. Corridor Industrial Overlay**

A request for a permit or approval, whether ministerial or discretionary, for the development of a parcel located within the Corridor Industrial Overlay (CI-O) designation shall require the project applicant to submit a written notice to the Department confirming the applicant's election to establish a use that is consistent with either the SFR-SF or CI designation and an acknowledgment that the remaining uses within the CI-O designated area shall be consistent with the zone selected. The establishment of a use as either SFR-SF or CI shall be binding on all parcels and future owners withing the CI-O designation.

**SFR-SF**

Detached Condominium  
Example





**GH2.0430      Public Facilities (PF)****(a)  
Definition**

This designation provides for the development, maintenance, and operation of facilities devoted to advanced law enforcement training and the management and housing of prisoners. All related master planned uses contained in the Master Plan for Sheriff's Facilities at Glen Helen are assumed to operate 24 hours per day as needed and are accommodated within this designation.



*Glen Helen Rehabilitation Center (circa 2005)*

**(b)  
Conditional  
Uses (MUP)**

The following uses are permitted within the Public Facilities designation, subject to approval of Minor Use Permit application:

1. Active and passive recreational uses associated with public parkland.
2. Animal keeping – Small animal ranches/farms/animal sanctuary.
3. Bomb detonation site.
4. Fire Stations.
5. Historic monuments and sites.
6. Law enforcement/public safety training facilities, including firearms training, helicopter operations and firefighter training.
7. Temporary and Permanent government facilities including, but not limited to, government offices.

<b>PF</b>
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**(b)  
Conditional  
Uses (CUP)**

8. Wildlife and nature preserves, lakes, watercourses.

The following uses are conditionally permitted within the Public Facilities designation; subject to approval of a Conditional Use Permit (CUP):

1. Correctional institution.
2. Emergency and transitional shelters for the homeless.
3. Emergency vehicle drivers training.
4. Recreation and community centers, gymnasiums, athletic clubs.
5. Sewer plants and sewage disposal sites.
6. Additional Uses: The following uses shall be allowed in this zoning designation subject to a CUP:
  - Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.
  - Transportation facilities principally involved in the movement of people together with the necessary buildings, apparatus, or appurtenances incidental thereto, including but not limited to, airports, heliports, train stations, bus stations, carpool facilities and parking lots.
  - Institutional uses including, but not limited to, schools, colleges and universities, conference centers, hospitals, churches, rehabilitation centers and organizational camps.
  - Sewer plants and sewage disposal sites.
  - Electrical generating stations.
  - Public utilities and public service uses or structures including, but not limited to: reservoirs, pumping plants, electrical substations, central communications offices, microwave and repeater huts, towers and satellite receiving stations. A multiple site network may be submitted as one project.
  - Racetracks or stadiums.
  - Campgrounds not exceeding a density of four (4) sites per acre.
  - Sports-oriented recreational uses requiring remote locations including, but not limited to: rifle, pistol and archery ranges, sky diving jump sites, off-road and recreational vehicle parks, marinas, miniature golf courses, hunting and fishing clubs, ski resorts and recreational camps.
  - Gas pressure control stations, water treatment plants (purification), water storage tanks, gas production plants, petroleum pipelines and pressure control stations.
  - Arenas, field houses, auditoriums, rodeo facilities.
  - Recreation and community centers, gymnasiums, athletic clubs.
  - Emergency and transitional shelters for the homeless.

**PF****(d)  
Prohibited  
Uses**

The following uses are prohibited uses within the Public Facilities designation because of the special nature of the Sheriff's complex located within this District:

1. Development of natural resources.
2. Industrial uses per the Industry, Manufacturing & Processing, Wholesaling section of Table 82-4, 82-7, 82-11 and 82-17 of the County Development Code, except vocational training programs at the Glen Helen Regional Center at the Sheriff's facilities.
3. Museum, art galleries, and libraries.
4. Planetariums, aquariums, zoos, botanical gardens and arboretums.
5. Solid waste disposal sites.

**(e)  
Site  
Development  
Standards**

Site development standards shall comply with the provisions of the Master Plan or County Sheriff's Facilities at Glen Helen: 1992-2012 and any updates thereafter.

**1. Relocation of Bomb Detonation Site**

The Sheriff's Department must occasionally dispose of ordnance and other explosive items at its training facility in Glen Helen. Because of the volatile nature of these emergency disposals, the detonation site must be isolated from the public. With the potential growth of the area identified in this Plan, and proposed development adjacent to the Plan area, the Sheriff's Department relocated the bomb disposal facility into an isolated and protected area. The following steps were followed as part of the planning process to relocate the bomb facility:

- a) Noise studies were conducted at the proposed site.
- b) Air quality emissions were modeled for the proposed site based on emission factors presented in AP-42, A Compilation of Air Pollutant Emission Factors (USEPA, 1995).
- c) The noise and air quality model measurements for the proposed detonation site were evaluated with the land use compatibility standards in the Glen Helen Specific Plan to confirm the suitability of the proposed site.

**2. Dedication of Institution Road**

Institution Road is currently designated as a Private Road within the City of San Bernardino. This roadway is the primary access road for the County Sheriff's facilities. Therefore, the County should encourage the

<b>PF</b>
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dedication of Institution Road to the City of San Bernardino and develop a joint road maintenance agreement to ensure the roadway is adequately maintained throughout the year.

**3. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**4. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**5. Geologic Hazard Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

**6. Biological Resources Management**

Refer to the natural plant communities assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

**GH2.0435 Special Use Area (SUA)****(a)  
Definition**

This designation accommodates the ongoing monitoring of the Cajon Disposal Site, which ceased accepting waste in December of 1980, and is officially closed. The final cap for this facility was installed in 1981. Local groundwater is being monitored to ensure the water quality is maintained. The SUA designation provides for limited use of the County disposal site for periodic, non-intensive uses, such as overflow parking for major events in the Regional Park. Any use of the site would need to be approved by the California Department of Resources Recycling and Recovery (CalRecycle), the Santa Ana Regional Water Quality Control Board (RWQCB), and the County Solid Waste Management Division and Local Enforcement Agency (LEA), to ensure cover integrity and minimize surface erosion. The intent of the designation is to encourage the adoption of a Reuse Study for the site that addresses a range of possible future uses that would contribute to the vision for the Glen Helen Specific Plan. Potential additional uses, other than solid waste disposal are predicated on stabilization of the fill area and certification as a toxic-free area by appropriate authorities.



*View of Cajon Disposal Site from Cajon Boulevard (only berm is visible) (circa 2005)*

**(b)  
Permitted  
Uses**

The following uses are permitted within the Special Use Area designation, subject to re-use clearance from responsible agencies listed above:

1. Active and passive recreational uses associated with public parkland.
2. Animal keeping – Small animal ranches/farms/animal sanctuary.
3. Fire Stations.
4. Historic monuments and sites.

**SUA****(c)  
Conditional  
Uses**

The following uses are conditionally permitted within the Special Use Area designation, subject to re-use clearance from responsible agencies listed above:

1. Model Hobby Complex, with outside operation of model airplanes, cars, and trains.
2. Solid waste disposal sites, rubbish incinerators, and recycling centers.
3. Temporary and Permanent government facilities including, but not limited to, government offices and sheriff facilities.
4. Additional Uses: The following uses shall be allowed in this zoning designation subject to a CUP:
  - Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.
  - Transportation facilities principally involved in the movement of people together with the necessary buildings, apparatus, or appurtenances incidental thereto, including but not limited to, airports, heliports, train stations, bus stations, carpool facilities and parking lots.
  - Cemeteries, including pet cemeteries, subject to Design Standards and the mapping requirements specified by the Development Code. A Conditional Use Permit and a Tentative Tract Map filed concurrently shall be required.
  - Sewer plants and sewage disposal sites.
  - Electrical generating stations.
  - Public utilities and public service uses or structures including, but not limited to: reservoirs, pumping plants, electrical substations, central communications offices, microwave and repeater huts, towers and satellite receiving stations. A multiple site network may be submitted as one project.
  - Radio and television stations and towers.
  - Gas pressure control stations, water treatment plants (purification), water storage tanks, gas production plants, petroleum pipelines and pressure control stations.
  - Correctional institutions.
  - Bail bond operation located within one (1) mile of a correctional institution.
  - Emergency and transitional shelters for the homeless.

**(d)  
Prohibited  
Uses**

The following uses are prohibited uses within the Special Use Area designation because of the special nature of constraints on development within this District: All uses not specifically permitted or conditionally permitted, pending amendment to this Specific Plan pursuant to a Reuse Study.

<b>SUA</b>
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**(f)  
Site  
Development  
Standards**

Development standards shall be subject to an approved Reuse Study for the Disposal Site (see below). To the extent feasible, the standards for building height, building setbacks, and landscape setbacks shall be in accordance with the surrounding Corridor Industrial designation (Division 2, Chapter 4 of the Development Standards).

**(g)  
Special  
Provisions**

1. The San Bernardino County Solid Waste Management Division should prioritize the preparation of a Reuse Study for the Cajon Disposal Site and seek completion of the Reuse Study.
2. The Reuse Study should include an evaluation of a wide variety of recreational uses, including leasing property for hard-to-locate uses such as model hobby activities. Such uses should also be evaluated in terms of noise generation. Negative noise impacts on the adjacent animal shelter shall be avoided.
3. Prior to preparation of the Reuse Study, the County Solid Waste Management Division should coordinate with the SARWQCB and CIWMB to consider what interim activities can occur on-site. The intent is to be proactive in allowing for temporary uses of the site that can benefit the Glen Helen Specific Plan area and contribute to the vision.

**SUA**

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**GH2.0440 Destination Recreation (DR)****(a)  
Definition**

This designation is intended to accommodate residential land uses, general service retail and low- intensity service commercial, government/civic uses, and recreation entertainment uses that are sensitive to the physical and environmental constraints of the area while providing strategically located services and hospitality uses to the adjacent community and traveler. The DR designation will also allow planned development residential uses that incorporate mixed use or recreational amenities. This designation provides for the continued use of existing single-family residential uses on large parcels. Land uses allowed within this designation include recreation vehicle parks, private campgrounds, residential uses, bed and breakfast establishments, restaurants, and limited retail commercial, as well as a full range of recreation-oriented activities.



*View of existing uses within the Destination Recreation Area (circa 2005)*

**(b)  
Permitted  
Uses**

The following uses are permitted within the Destination Recreation designation:

Single Residential Uses, such as:

- Single-Family Dwelling Unit
- Residential Care Facility (6 or fewer clients)
- Crop production, horticulture, orchard, vineyard, nurseries.

**DR****(c)  
Conditional  
Uses  
(MUP)**

The following uses are permitted within the Destination Recreation designation; subject to approval of a Minor Use Permit (MUP):

1. Retail Trade/Personal Services, such as:
  - Antique Shops
  - Apparel Stores
  - Art Galleries
  - Bakeries/Ice Cream Shops
  - Books/Gift/Stationary Stores
  - Coffee Houses/Cafes
  - Hobby Shops
  - Restaurants, Family and Specialty w/o Drive-Thru, may include outdoor seating
  - Specialty Retail Stores
  - Sporting Goods, sales/rentals.
2. Lodging Services, such as:
  - Motor Courts
  - Private Campgrounds
  - Recreational Vehicle Parks.
3. Recreation/Entertainment Services, such as:
  - Arcades
  - Bowling Alleys
  - Equestrian Centers (boarding stables, performance, horse rentals)
  - Fairs (non-permanent) including art fairs, craft fairs, farmers markets
  - Fairs (permanent)
  - Family Entertainment Centers
  - "For-Fee" sports such as batting cages, tennis club, fishing
  - Ice Skating Rinks/In-line or roller hockey
  - Meeting Halls
  - Miniature Golf Courses
  - Model Hobby Complex, sales, but with outside display of trains only
  - Private/Non-Profit cultural facilities such as art galleries, music halls, museums
  - Training Centers
  - Virtual-Reality facilities.
4. Additional Uses, such as:
  - Historic monuments and sites
  - Wildlife and nature preserves, lakes, watercourses.

**(d)  
Conditional  
Uses (CUP)**

The following uses are conditionally permitted within the Destination Recreation designation; subject to approval of a Conditional Use Permit (CUP):

<b>DR</b>
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1. Residential, such as:
  - Mobilehome Parks
  - Residential Care Facility (7 or more clients).
2. Retail Trade/Personal Services, such as:
  - Coffee shops/quick serve restaurants with Drive- Thru
  - Health Clubs
  - On-Site Alcoholic Beverage Sale Establishments including Bars, Taverns, Cocktail Lounges.
  - Pharmacy's/Drug Store with or without Drive-Thru
  - Small and Large Format Grocery Stores
  - Specialty Food Stores
3. Outdoor Commercial Services, such as:
  - Recreational Vehicle Storage.
4. Lodging Services, such as:
  - Hotels/Motels.
5. Recreation/Entertainment Services, such as:
  - Amusement Park, aquatic park
  - Arenas, amphitheaters, auditoriums, rodeo facilities
  - Convention Centers
  - Live Performance Facilities, Night Clubs
  - Planetariums, Aquariums, Botanical Gardens and Arboretums
  - Recreation and Community Centers, Gymnasiums, Athletic Clubs
  - Sports-oriented recreational uses requiring remote locations including, but not limited to: sky diving jump sites, off-road and recreational vehicle parks, marinas, hunting and fishing clubs, and recreational camps.
  - Zoo
6. Additional Uses, such as:
  - Arenas, field houses, auditoriums, rodeo facilities.
  - Campgrounds not exceeding a density of four (4) sites per acre.
  - Emergency and transitional shelters for the homeless.
  - Government/Civic Facilities
  - Institutional uses including, but not limited to, schools, colleges and universities, conference centers, hospitals, churches, rehabilitation centers and organizational camps.
  - Museums, art galleries, and libraries.
  - Racetracks or stadiums.
  - Recreation and community centers, gymnasiums, athletic clubs.
  - Sports-oriented recreational uses requiring remote locations including, but not limited to: rifle, pistol and archery ranges.

**(e)  
Planned  
Development  
Uses**

The following uses are conditionally permitted within the Destination Recreation designation, subject to approval of a Planned Development (PD) review: Single and multiple family-dwelling units in conjunction with a recreational/ commercial use and/or recreational amenities, as well as the following uses:

1. Professional Services, such as:
  - Banks, Financial Services, Real Estate Offices
  - Copy and Mail Centers
  - Medical and Dental Offices
2. Retail Trade/Personal Services, such as:
  - Appliance and hardware stores (general merchandise retail)
  - Beauty salons, nail salons, barber shops, dry cleaner, florist and other personal service uses.
  - Convenience stores with offsite consumption alcoholic beverage sales
  - Freeway Signs including all freeway-oriented advertising
  - Mini storage, car condos, and indoor/outdoor RV storage (may not be located within 300 feet of Glen Helen Parkway or adjacent to residentially zoned property)
  - Offsite signs (outdoor displays, static or/and dynamic)
  - Outdoor commercial uses including vehicle sales and rentals
  - Service/gas stations, including service/gas stations with convenience stores (or other accessory uses such as a car wash) including offsite consumption alcoholic beverage sales
  - Warehouse retail, (large format warehouse retailers with storage and sales onsite)

**(f)  
Prohibited  
Uses**

The following uses are prohibited uses within the Destination Recreation designation because of the relatively small area designated for this use and the need to maintain a special environment within this District that provides a natural experience consistent with its location adjacent to the San Bernardino National Forest:

1. Cemeteries, including pet cemeteries.
2. Development of natural resources
3. Electrical generating stations
4. Gas production plants
5. Hazardous waste operations.
6. Industrial uses per the Industry, Manufacturing & Processing, Wholesaling sections of Tables 82-4, 82-7, 82-11 and 82-17 of the San Bernardino County Development Code.



**DR**

7. Sewer plants and sewage disposal sites.
8. Solid waste disposal sites, rubbish incinerators, and recycling centers.
9. Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.
10. Transportation facilities.

**(g) Site  
Development  
Standards****1. Building Site Requirements**

- a) Minimum lot size shall be five acres, calculated per Subsection 83.02.050(e) of the San Bernardino County Development Code.
  - b) Existing lots that are less than five acres in size as of the adoption of this Specific Plan are “grandfathered” as legal building sites and can be built upon according to the standards of this Plan.
  - c) Minimum lot width measured at the front property line is 150 feet.
  - d) Minimum lot depth: 100 feet.
- 1. Building Height and Area Limitations (unless otherwise modified per the standards within an approved Planned Development Permit)**
- a) Maximum structure height: 60 feet.
  - b) Uninhabited architectural projections such as roof peaks, parapets, and towers may extend up to ten feet above this limit.
  - c) Maximum lot coverage is 25%. This includes the surface area of a lot that is paved or covered by a building, in accordance with the San Bernardino County Development Code. This would include parking areas and hardscaped outdoor storage areas.
  - d) Maximum floor area ratio (FAR) is .25. FAR is defined as the total gross square footage of a building divided by the net parcel size.
- 2. Building Setbacks (unless otherwise modified per the standards within an approved Planned Development Permit)**
- a) Minimum front setback, measured from the property line, is 25 feet for major highways and secondary highways and 15 feet for collector and local roads.
  - b) Minimum interior side setback is 15 feet. This setback is required

<b>DR</b>
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on only one side to provide for emergency access.

- c) Minimum rear setback, measured from the property line, is 25 feet, except for properties with a freeway edge the minimum rear yard is 30 feet.
- d) Minimum on-site building separation is 30 feet. Configuration and dimensions between buildings in any case must permit access to all areas of the property by fire equipment, including accessory structures.

**3. Landscape Setbacks (unless otherwise modified per the standards within an approved Planned Development Permit)**

- a) From major highways and secondary highways the landscape setback is 15 feet from ultimate right-of-way.
- b) From collector and local roads the landscape setback is ten feet from ultimate right-of-way.
- c) From freeways the landscape setback is 30 feet from ultimate right-of-way.

**4. Off-Street Parking (unless otherwise modified per the standards within an approved Planned Development Permit)**

Refer to Division 3, Chapter 2 (Site Planning Guidelines) as applicable.

**5. Signage (unless otherwise modified per the standards within an approved Planned Development Permit)**

Refer to Division 3, Chapter 5 (Signage Guidelines) of this Plan as applicable. Accessory sign standards shall be the same as Rural Commercial District Development Standards per Subsection 83.13.050(c)(6) of the San Bernardino County Development Code.

**6. Other General Development Regulations**

Refer to Division 2, Chapter 7 (General Development Regulations) of this Plan as applicable.

**7. Design Guidelines**

Refer to Division 3 (Design Guidelines) of this Plan as applicable

**(h)  
Development  
Guidelines  
and Special  
Provisions**

**1. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**2. Geologic Hazard Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

**3. Scenic Resources Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0525 of this Plan shall apply.

**4. Biological Resources Management**

Refer to the natural plant community's assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

The following uses are permitted within the DR designation; subject to approval of a Special Use Permit (SUP)

**(i)**  
**Special Use**  
**Permit**  
**(SUP)**

1. Interim Uses such as support facilities associated with highway construction, infrastructure development and logistic facilities including but not limited to, batch plants, equipment storage yards, and storage for truck trailers and containers.
  - a. Interim Uses shall be permitted for a period not to exceed 10 years.
  - b. A de-commissioning plan detailing the dismantling of the interim facilities shall be included as part of the SUP application and approval process. Additional measures such as security requirements, lighting plans and bonds to guarantee de-commissioning may be required at the discretion of the Director of Land Use Services.

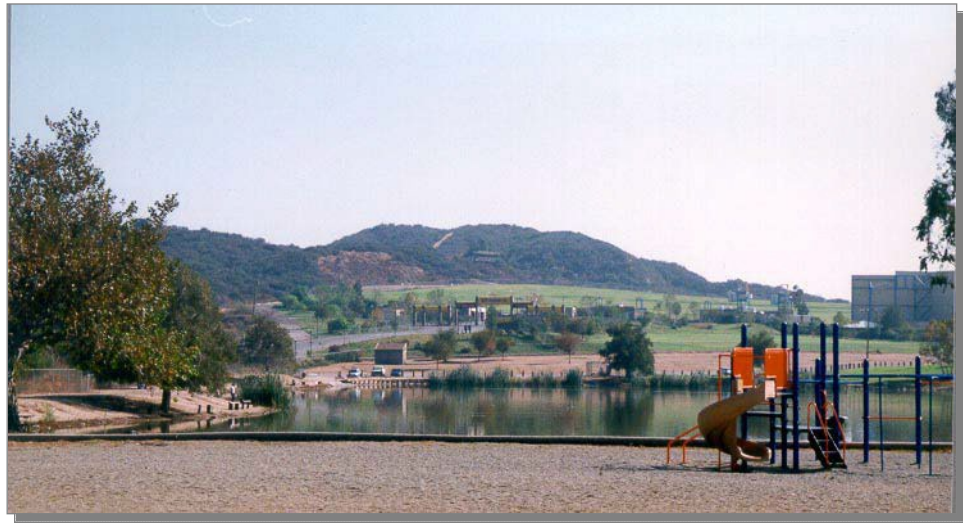


**GH2.0445      Open Space/Active (OS/A)****(a)  
Definition**

This designation provides for recreation facilities and activities in the Glen Helen Regional Park that involve relatively intensive use of the parkland, at least periodically. Examples include festivals, the Aquatic Park, sports fields and other recreation facilities, campgrounds, parking areas, and equipment/material storage areas. This designation also includes some visual open space and natural habitat areas as well, but the predominant intent is to accommodate more intensive recreation activities.



*Glen Helen Raceway in Glen Helen Regional Park (circa 2005)*

**OS/A**

*View of fishing lakes and other recreation activities at Glen Helen Regional Park (circa 2005)*

**(b)**  
**Allowed Uses**

Any use that is accessory to or made a part of the normal operation of the Glen Helen Regional Park or the San Manuel Amphitheater, including temporary uses, shall be allowed without an additional land use approval subject to the approval of the County Regional Parks Department.

**(c)**  
**Conditional  
Uses (MUP)**

The following uses are permitted within the Open Space/Active designation, subject to approval of Minor Use Permit application:

1. Lodging Services, such as:
  - Recreational Vehicle Parks.
2. Recreation/Entertainment Services, such as:
  - Amusement Park, aquatic park
  - Equestrian Centers (boarding stables, performance, horse rentals)
  - Fairs (non-permanent) including art fairs, craft fairs, farmers markets
  - Fairs (permanent)
  - Meeting Halls
  - Model Hobby Complex, sales, but with outside display of trains only
  - Off-Road Vehicle Park.

<b>OS/A</b>
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3. Additional Uses, such as:
  - Active and passive recreational uses associated with public parkland
  - Animal keeping – Small animal ranches/farms/animal sanctuary
  - Fire Stations
  - Historic monuments and sites
  - Temporary and Permanent government facilities including, but not limited to, government offices, sheriff facilities
  - Wildlife and nature preserves, lakes, watercourses.

**(d)  
Conditional  
Uses (CUP)**

The following uses are conditionally permitted within the Open Space/Active designation; subject to approval of a Conditional Use Permit (CUP):

1. Recreation/Entertainment Services, such as:
  - Arenas, amphitheaters, auditoriums, rodeo facilities, convention centers
  - Zoo
  - Planetariums, aquariums, botanical gardens and arboretums
  - Recreation and community centers, gymnasiums, athletic clubs
  - Sports-oriented recreational uses requiring remote locations including, but not limited to: rifle, pistol and archery ranges, sky diving jump sites, off-road and recreational vehicle parks, marinas, miniature golf courses, hunting and fishing clubs, and recreational camps.
2. Additional Uses: The following uses shall be allowed in this zoning designation subject to a CUP:
  - Historic and monument sites.
  - Cemeteries, including pet cemeteries, subject to Design Standards and the mapping requirements specified by the Development Code. A Conditional Use Permit and a Tentative Tract Map filed concurrently shall be required.

**(e)  
Prohibited  
Uses**

The following uses are prohibited uses within the Open Space/Active designation because of the need to balance intensive, periodic active recreation uses against a natural environmental setting within this District:

1. Correctional Institutions.
2. Development of natural resources.
3. Electrical generating stations.
4. Emergency and transitional shelters for the homeless.
5. Gas production plants.
6. Hazardous waste operations.

## OS/A

7. Industrial uses per the Industry, Manufacturing & Processing, Wholesaling sections of Tables 82-4, 82-7, 82-11 and 82-17 of the County Development Code.
8. Residential care facilities.
9. Solid waste disposal sites, rubbish incinerators, and recycling centers.
10. Temporary support facilities associated with highway construction and other public facilities including, but not limited to, batch plants and equipment storage yards.

**(f)**  
**Site**  
**Development**  
**Standards**

**1. Building Height and Setback Requirements**

- a) Maximum structure height: None required.
- b) Minimum front setback, measured from the property line, is 25 feet from major highways and secondary highways and 15 feet from a collector and local road.
- c) Minimum interior side setback is 15 feet.
- d) Minimum street side setback is 15 feet for collector and local roads and 25 feet for major highways and secondary highways.
- e) Minimum rear yard, measured from the property line, is 25 feet.
- f) Minimum on-site building separation: None required except as required for emergency equipment access.

**2. Landscape Setbacks**

- a) From major highways and secondary highways the landscape setback is 15 feet from ultimate right-of-way.
- b) From a collector and local road, the landscape setback is ten feet from ultimate right-of-way.

**3. Off-Street Parking**

Refer to Division 3, Chapter 2 (Site Planning Guidelines) as applicable.

**4. Signage**

Refer to Division 3, Chapter 5 (Signage Guidelines) of this Plan as applicable. Accessory sign standards shall be the same as Special Development sign standards per Subsection 83.13.050(e) of the County Development Code. These standards may be modified pursuant to a

OS/A
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Sign Program brought forward by the Regional Parks Department or as part of an update to the Glen Helen Regional Park Master Plan.

**5. Other General Development Regulations**

Refer to Division 2, Chapter 7 (General Development Regulations) of this Plan as applicable.

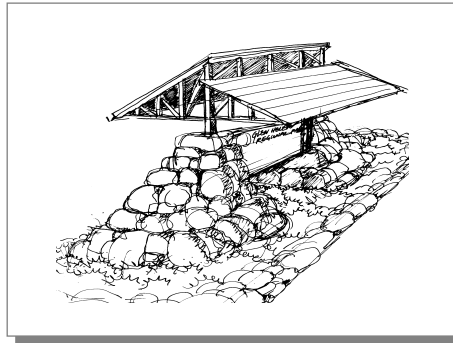
**6. Design Guidelines**

Refer to Division 3 (Design Guidelines) of this Plan as applicable.

**(g)  
Development  
Guidelines  
and Special  
Provisions**

**1. Main Entry Redesign**

There is an opportunity to redesign and update the main entrance to be compatible with the new streetscape/landscape treatment along Glen Helen Parkway. A conceptual design sketch incorporating local river rock for the new main entry is provided below.

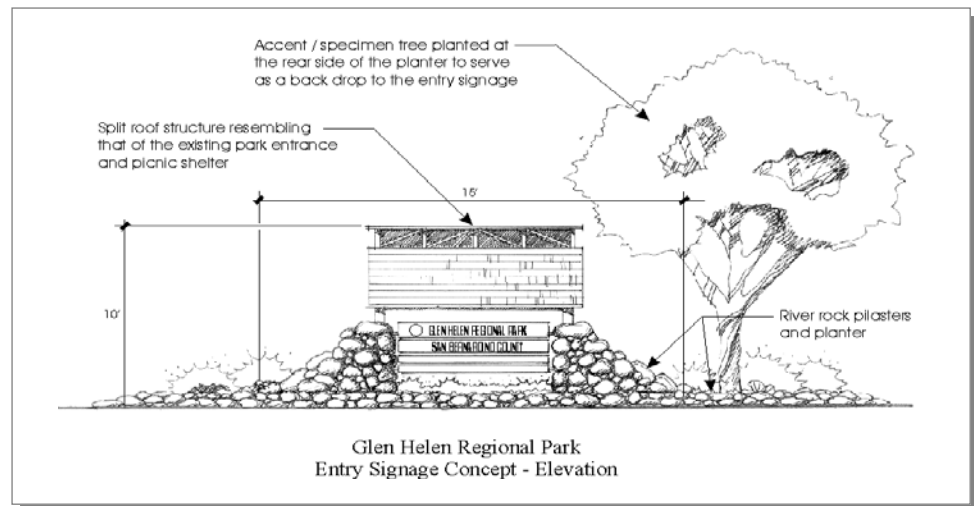


**2. Pedestrian Access**

Safe and convenient pedestrian access across Glen Helen Parkway into the Regional Park and between the various activities at the park shall be provided. Refer to Division 3 (Design Guidelines), for further guidance on pedestrian crossings, landscaping of entryways and intersection treatments.

**3. Lakes & Ecology Trail**

Future uses within the open space/active area of the Glen Helen Regional Park shall not disrupt or cause the elimination of the existing lakes for fishing or use of the existing ecology trail.

**OS/A****4. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**5. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**6. Geologic Hazard Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

**7. Scenic Resources Overlay**

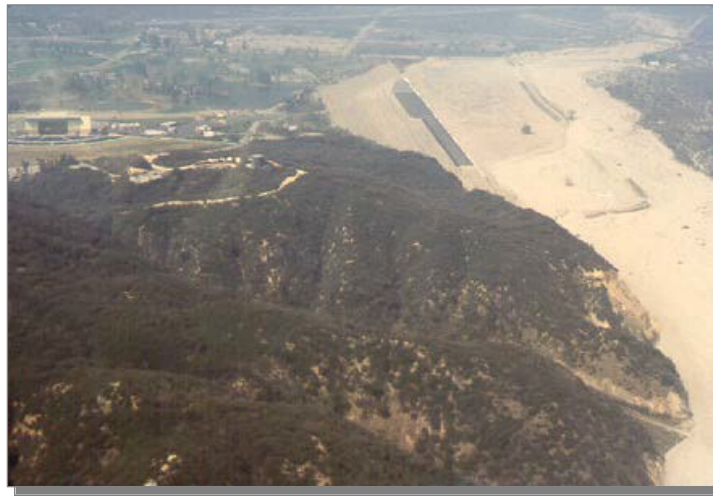
The provisions of Division 2, Chapter 5, Section GH2.0525 of this Plan shall apply.

**8. Biological Resources Management**

Refer to the natural plant community's assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

**GH2.0450      Open Space/Passive (OS/P)****(a)  
Definition**

This designation provides for relatively unstructured and low-intensity recreation activities at the Regional Park, such as horseback riding, hiking, nature observation, and casual picnicking. The intent is to enable park users to enjoy being part of the natural environment and interacting with it in as non-intrusive a manner as possible.



*Aerial view of Open Space/Passive area adjacent to the Cajon Wash (circa 2005)*



*Natural environment within the Open Space/Passive designation (circa 2005)*

<b>OS/P</b>
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**(b)  
Conditional  
Uses  
(MUP)**

The following uses are permitted in the Sycamore Flats sub-area without any additional land use approval:

1. Wildlife and Nature preserves.
2. Detention and Water quality basins

The following uses are permitted within the Open Space/Passive designation, subject to approval of Minor Use Permit application:

**(c)  
Conditional  
Uses  
(MUP)**

1. Active and passive recreational uses associated only with public parkland.
2. Animal keeping – Small animal ranches/farms/animal sanctuary
3. Historic monuments and sites.
4. Lakes and watercourses.

**(d)  
Prohibited  
Uses**

All uses not specifically permitted are prohibited uses within the Open Space/Passive designation because of the need to maintain an environment as conducive to natural systems within this District as can be achieved.

**(e)  
Site  
Development  
Standards**

Site development standards shall comply with the provisions of the Glen Helen Regional Park Master Plan and the Open Space Management provisions of Division 2, Chapter 6 of this Plan.

**(f)  
Special  
Provisions****1. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**2. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**3. Geology and Soils**

Refer to Geology and Soils Section (Appendix A)

**4. Biological Resources**

Refer to Biological Resources Section (Appendix A)



**GH2.0455 Open Space/Habitat Preserve (OS/H)****(a)  
Definition**

This designation provides for preservation and enhancement of selected natural habitats to sustain plants and wildlife requiring protection. These are areas in which people are asked to restrain their activities and permit native wildlife and plant communities to be maintained in a self-sustaining manner.



*Sage scrub habitat typical of the Habitat Preserve areas (circa 2005)*

**(b)  
Conditional  
Uses  
(MUP)**

The following uses are permitted within the Open Space/Habitat Preserve designation, subject to approval of Minor Use Permit application:

1. Passive recreational uses associated with public parkland.
2. Wildlife and nature preserves, lakes, watercourses.

**(c)  
Prohibited  
Uses**

All uses not specifically permitted or conditionally permitted are prohibited uses within the Open Space/Habitat Preserve designation because of the need to maintain an environment as conducive to natural systems within this District as can be achieved.

<b>OS/H</b>
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**(d)  
Site  
Development  
Standards**

Site development standards shall comply with the provisions of the Glen Helen Regional Park Master Plan and the Open Space Management provisions contained in Division 2, Chapter 6 of this Specific Plan.

**(e)  
Special  
Provisions****1. Fire Safety Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0510 of this Plan shall apply.

**2. Floodplain Safety Overlay**

The provisions of the Floodplain Safety Overlay of Division 2, Chapter 5, Section GH2.0515 of this Plan shall apply.

**3. Open Space and Biological Resources Management**

Refer to the natural plant community's assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.

**GH2.0460 Open Space/Public Safety (OS/PS)****(a)  
Definition**

This designation encompasses a prominent landform within the Regional Park that helps to buffer and contain certain training activities conducted by the Sheriff's Department. The hillside is to remain as a special category of open space. Unlike other open space uses within the Regional Park, for the protection of the public's health and safety, this area is not intended to be accessed or used by the general public. The uses allowed include public infrastructure, such as water and sewer facilities, as well as other public facilities deemed compatible with the operations of the Sheriff's Department, while preserving the natural landscape features.



*Hillside area within Open Space/Public Safety designation adjacent to Sheriff's firing range (circa 2005)*

**(b)  
Conditional  
Uses  
(MUP)**

The following uses are permitted within the Open Space/Public Safety designation, subject to approval of Minor Use Permit application:

1. Temporary and permanent Sheriff facilities.
2. Wildlife and nature preserves, lakes, watercourses.
3. Infrastructure in support of the Sheriff facilities, such as water and sewer facilities.

<b>OS/PS</b>
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**(c)  
Conditional  
Uses (CUP)**

The following uses are conditionally permitted within the Open Space/Public Safety designation; subject to approval of a Conditional Use Permit (CUP):

1. Sewage treatment plant.
2. Bomb detonation site associated with sheriff facilities subject to provisions of the Public Facilities designation in Section GH2.0430(f)1.
3. Heliport in connection with the Sheriff Facilities.

**(d)  
Prohibited  
Uses**

All uses not specifically permitted or conditionally permitted are prohibited uses within the Open Space/Public Safety designation because of the need to maintain an open space buffer for public safety.

**(e)  
Site  
Development  
Standards**

Site Development Standards shall comply with the provisions of the Sheriff's Master Plan and the Open Space Management provisions contained in Division 2, Chapter 6 of this Specific Plan.

**(f)  
Special  
Provisions****1. Bomb Detonation Site**

Refer to the Public Facilities designation in Section GH2.0430(f)1 of this Plan for provisions related to the relocation of the bomb detonation site for the County Sheriff.

**2. Geologic Hazard Overlay**

The provisions of Division 2, Chapter 5, Section GH2.0520 of this Plan shall apply.

**3. Open Space and Biological Resources Management**

Refer to the natural plant communities assessment and mitigation implementation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR), as applicable.



**GH2.0465 Flood Control (FC)****(a)  
Definition**

This designation provides for the management of watercourses to achieve optimum flood control benefits, minimize damage to improved property and natural resources, and protect property and life. It encompasses lands and flood control facilities owned by the County and the Flood Control District, as well as some private property in the floodplain.



*Flood control facilities within the site (circa 2005)*

**(b)  
Conditional  
Uses  
(MUP)**

The following uses are permitted within the Floodway designation, subject to approval of Minor Use Permit application:

1. Agricultural Uses, such as:
  - Crop production, horticulture, orchard, vineyard, nurseries.
2. Additional Uses, such as:
  - Public utilities/facilities
  - Wildlife and nature preserves, lakes, watercourses.

<b>FC</b>
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**(c)  
Conditional  
Uses (CUP)**

The following uses are conditionally permitted within the Flood Control designation; subject to approval of a Conditional Use Permit (CUP):

1. Pipelines.
2. Sand and gravel mining operations.

**(d)  
Prohibited  
Uses**

All uses not specifically permitted or conditionally permitted — are prohibited uses within the flood control designation because of the need to maintain flood control capacity within this District.

**(e)  
Development  
Standards**

All provisions of Chapter 82.03 (Agriculture and Resource Management Land Use Zoning Districts) of the Development Code as they relate to the Floodway Land Use Zoning District, shall apply.

**(f)  
Special  
Provisions****Open Space and Biological Resources Management**

Refer to the open space management strategies and biological resource mitigation measures of the Glen Helen Resource Management Plan (Appendix A of the FEIR) as applicable.

**Chapter 5:     Overlays****GH2.0505       General Provisions**

The following five overlays are applied to various locations in the Specific Plan area based on existing environmental conditions. The requirements of each overlay are in addition to the Development Standards contained in Division 2, Chapter 4 of this Plan. The Fire Safety Overlay, the Floodplain Safety Overlay, the Geologic Hazards Overlay, the Scenic Resources Overlay and the Biotic Resources Overlay are based upon the provisions of the San Bernardino County General Plan and Development Code.

**GH2.0510       Fire Safety Overlay**

The intent of the Fire Safety Overlay is to provide greater public safety in areas prone to wildland brush fires by establishing additional development standards for these areas. The application of this overlay in the Glen Helen Specific Plan is consistent with the provisions, standards and mapping of fire hazards contained in the San Bernardino County General Plan and Development Code.

**(a)  
Locational  
Requirements**

The Fire Safety Overlay applies to high fire hazards areas based on locations derived from the California Department of Forestry and U.S. Forest Service. The Overlay is divided into two review areas, each of which represents a different level of wildland hazard. Fire Safety Area 1 (FS-1) includes wildland areas that are marginally developable or are not likely to be developed. Natural hazards are prevalent throughout Area 1, especially in areas with natural ungraded slopes greater than 30%. Area 1 includes areas of very high to extreme fire hazard. Fire Safety Area 3 (FS-3) includes relatively flat land at the wildland-urban interface that is exposed to wildland fire hazards due to its proximity to FS-1, and due to the Santa Ana winds.

All of the Glen Helen Specific Plan area is included in either FS-1 or FS-3. The boundary for Area 1 is congruous with the National Forest Boundary, which includes undeveloped Sycamore Canyon and properties along the western edge of the Specific Plan area in the Destination Recreation and Commercial/Destination Entertainment designations. FS-3 encompasses the remainder of the Specific Plan area. All proposed projects or subdivision applications must be submitted to the responsible fire authority, in accordance with the provisions of the Development Code.

**(b)  
Development  
Requirements**

The development requirements delineated in the County Development Code for the Fire Safety Overlay include provisions related to construction and use materials, setback requirements, fuel modification zones, vehicular access, building separation, erosion and sediment control, and other project design requirements. These requirements are established for both Areas 1 and 3, as described above and shown on the San Bernardino County General Plan Hazard Overlay Maps. These development requirements are applicable to proposed projects located within the Fire Safety Areas delineated for the Glen Helen Specific Plan area.

**GH2.0515 Floodplain Safety Overlay**

The intent of the Floodplain Safety Overlay is to provide regulations for development within flood prone areas that will protect public safety, promote public health, and minimize economic losses due to flooding. The application of this overlay is consistent with the provisions, standards and mapping of special flood hazards contained in the San Bernardino County General Plan and Development Code.

**(a)  
Locational  
Requirements**

The Floodplain Safety Overlay applies to areas of special flood hazard defined by the Federal Emergency Management Agency (FEMA) or the Federal Insurance Administration in a scientific and engineering report entitled "Flood Insurance Study for San Bernardino County, California and Incorporated Areas," initially prepared in 1978, which has subsequent updates, with accompanying Flood Insurance Rate Maps (FIRMs). The most current copies of the Flood Insurance Study and the FIRMs is on file with the Department of Public Works.

The Flood Insurance Study establishes the minimum areas in which the Floodplain Safety Overlays may be located. Additional areas may be added after the Flood Control District or other governmental agencies such as the Army Corp of Engineers prepare studies for such areas.

Areas within the 100-year floodplain and 500-year floodplain have been delineated on the San Bernardino County General Plan Hazard Overlays Maps. There are no areas designated within the 500-year floodplain within or adjacent to the Glen Helen area. The areas within the 100-year floodplain are generally located either within or adjacent to Cajon Wash, Lytle Creek, and Sycamore Canyon. Proposed projects within this area shall be subject to a Flood Hazard Development Review or a Floodplain Development Standards Review, in accordance with the provisions of the Development Code. New construction and substantial improvement of any structure shall be elevated above the base flood elevation or highest adjacent grade, in accordance with the provisions of the Code.



**(b)**  
**Development**  
**Requirements**

The development requirements delineated in the County Development Code for the Floodplain Safety Overlay include provisions related to the anchoring of structures, construction materials and methods, elevation and floodproofing, and utility standards. These development requirements are applicable to proposed projects in the 100-year floodplain area delineated for the Glen Helen Specific Plan area.

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**GH2.0520      Scenic Resources Overlay**

The intent of the Scenic Resources Overlay is to provide development standards that will protect, preserve and enhance important viewsheds within the Glen Helen Specific Plan area. Design considerations are incorporated to allow development to coexist and not substantially interfere with the preservation of unique natural resources, roadside views and scenic corridors within the Specific Plan area. The Scenic Resources Overlay also implements state and federal programs and regulations regarding scenic highway routes.

The application of this overlay within the Specific Plan area is consistent with the provisions of the San Bernardino County General Plan and Development Code. In general, a feature or vista within the Glen Helen area can be considered scenic if it:

1. Provides a vista of undisturbed natural areas.
2. Includes a unique or unusual feature which comprises an important or dominant portion of the viewshed.
3. Offers a distant vista that provides relief from less attractive views of nearby features (such as views of mountain backdrops from developed areas).

**(a)  
Locational  
Requirements**

The Scenic Resources Overlay applies to the following areas:

1. **Long-range southbound views of the Glen Helen area from I-15 in the Cajon Pass.**

This viewshed encompasses most of the active areas of the Regional Park and future commercial development. It is desirable that this wide scale overview offers an oasis scene containing both services and an aesthetically pleasing environment. Extensive planting of trees and avoidance of glare in development are methods to enhance this existing viewshed.

2. **I-15 Scenic Corridor**

I-15 Scenic Corridor, which extends 200 feet on either side of the freeway.

**3. I-215 Scenic Corridor**

I-215 Scenic Corridor, which extends 600 feet on the west side of the freeway.

The following are identified as scenic resources.

- Vistas of the hills and developed recreation areas of Glen Helen Regional Park and National Forest
- Cajon Wash trails
- Significant landforms along the corridor

**(b)  
Development  
Requirements.**

When a land use is proposed within the Scenic Resources Overlay, the following criteria shall be used to evaluate the project compliance with the intent of the overlay:

**1. Building and Structure Placement**

The building and structure placement should be compatible with and should not detract from the visual setting or obstruct significant views.

**2. Grading**

The alteration of the natural topography of the site shall be minimized and shall avoid detrimental effects to the visual setting of the designated area and the existing natural drainage system. Alterations of the natural topography should be screened from view from either the scenic highway or the adjacent scenic and recreational resource by landscaping and plantings which harmonize with the natural landscape of the designated area, and which are capable of surviving with a minimum of maintenance and supplemental water.

**3. Outside Storage Areas**

Outside storage areas allowed shall be completely screened from view of the right-of-way with walls, landscaping and plantings which are compatible with the local environment and are capable of surviving with a minimum of maintenance and supplemental water.

**4. Utilities**

All utilities shall be placed underground



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**Chapter 6:     Infrastructure and Open Space Management Plans****GH2.0605     General Provisions**

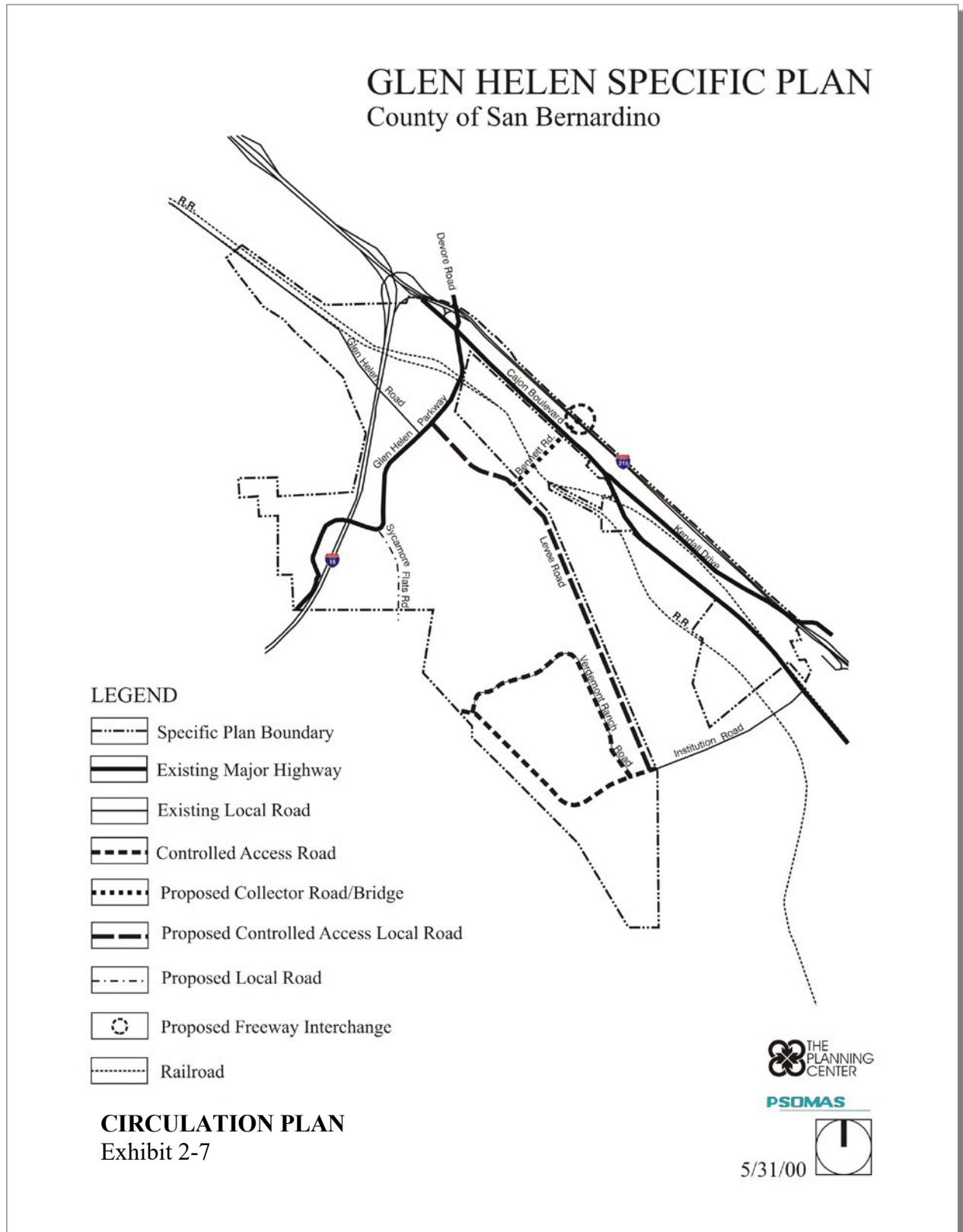
The following sections of the Plan address the provision of public utilities/ infrastructure and the long-term management of open space and natural resources. Plans for water, sewer, flood control, and roadways necessary to serve the area and its development potential are identified below, in accordance with state law governing specific plans. In addition, this Plan includes a framework for an area-wide open space management program involving multiple jurisdictions.

**GH2.0610     Circulation**

The circulation system for the Glen Helen Specific Plan is designed to accommodate daily traffic demands as well as to improve circulation during major events at the Amphitheater and other entertainment and recreation activities in the Glen Helen area. Exhibit 2-7 shows the proposed circulation network. The primary existing roadways include:

- Glen Helen Parkway – Four-lane roadway from I-15 to Lytle Creek, and two lanes from Lytle Creek to Cajon Boulevard (classified as a secondary, but built to Major Highway standards from I-15 to the east side of Glen Helen Parkway)
- Cajon Boulevard – Four-lane roadway from Devore Road to Kendall Drive and two-lane from Kendall Drive to Institution Road (classified as Major Highway)
- Kendall Drive – Two-lane roadway from Cajon Boulevard to Palm Avenue (classified as a Major Highway)
- Glen Helen Road – A two-lane roadway north of Glen Helen Parkway (classified as a Local Roadway)
- Institution Road – A two-lane roadway from Kendall Drive to the Sheriff's facilities (classified as a Local Roadway)

No changes are recommended in the existing roadway designations. See Division 3, Landscape Architecture Guidelines, Table 3-1 for roadway standards.



Existing transportation issues and concerns have been identified and include:

- Poor access from the Glen Helen Regional Park area to the east. Glen Helen Parkway east of the park is a two-lane roadway, with several sharp curves. Major events at the Amphitheater create peak traffic demands, usually on Friday and Saturday evenings. Although the County has traffic management plans, the delays can be significant, particularly following events. The presence of the train tracks adds a degree of uncertainty in transportation access. Trains have been known to block traffic for up to 45 minutes.
- All-weather access for the Sheriff's training facility. With the occasional flooding of Institution Road, the only official access to the Sheriff's facility is cut off. Although there is a dirt roadway to the west that provides alternate access, the loss of Institution Road presents a substantial impediment to overall access during those periods.

Train traffic is a significant constraint that needs to be recognized. Based on 1998 data, there are approximately 70 trains per day in the train corridor between Barstow and San Bernardino (source: SCAG Freight Technical Appendix for the 1998 Regional Transportation Plan). This already high number is expected to increase in the future. While estimates are still highly speculative, the SCAG RTP indicates that the increase in train volume entering the region could be in the range of 50%. On the other hand, recent projections from the Ports of Los Angeles and Long Beach indicate an approximate tripling in container volume through the ports in the next 20 years (source: SANBAG). This will be made possible, in part, by the large increase in train capacity occurring as a result of the Alameda Corridor project. Therefore, the interruption in access to the east of Glen Helen is expected to become worse, not better. Potential grade separation and improvements to Glen Helen Parkway have been identified in the Rail Crossing Element of the Inland Goods Movement Study prepared by San Bernardino Associated Governments (SANBAG).

There are several strategic investments in new roadways that are proposed to address these issues and to enhance overall circulation and safety. The proposed additions to the roadway network include:

- Levee Road – Connects Glen Helen Parkway just to the east of Glen Helen Park with Institution Road. In addition to improving north-south circulation within the Glen Helen area, it provides an all-weather outlet for the Sheriff's facilities, for occasions when Institution Road is flooded. This roadway is proposed as a two-lane Local Roadway.
- Bennett Road – Connects Levee Road with Cajon Boulevard and potentially to I-215 at a new interchange. This roadway would provide both an all-weather crossing via a bridge across Cajon Creek as well as a crossing of the BNSF tracks. This addresses the problem of the lack of access or long delays during train blockages and adds to the ability to accommodate traffic movements before and after major events. It also improves access for truck traffic into and out of the Glen Helen area. The bridge and interchange will involve significant expense, and

are not currently funded. Bennett Road is proposed as a two-lane roadway, with additional turn lanes at its intersection with Cajon Boulevard and possible future interchange at I-215. It is proposed as a Collector Street.

- Road through Sycamore Flats – This roadway is proposed as part of the access for the Lytle Creek North Planned Development, but must intersect with Glen Helen Parkway. It is proposed as a Local Roadway.

Cross-section requirements for Collector and Local roadways are contained in San Bernardino County Roadway Standards Manual.

## **1. Summary of Impacts**

A summary of the impacts of the proposed Glen Helen Specific Plan include the following:

- The build-out of the proposed Specific Plan will have lower traffic impact than would occur if the current General Plan were built out.
- All roadways in the Specific Plan study area, except for the freeways, will operate at a level of service C or better in the forecast year (year 2020). This is within San Bernardino County standards. Traffic engineers use a “level of service” scale from A to F to describe the quality of traffic flow on roadways. It should be noted that the traffic analysis assumed build-out of the Specific Plan.
- I-15 in the study area is forecast to operate at LOS F under all scenarios, including the scenario with no growth in the Glen Helen Specific Plan area. Continuing development in the region and in this portion of San Bernardino County, plus significantly increasing through traffic, are the primary contributors to the expected level of congestion. Specific Plan traffic growth is estimated to represent approximately 5% of the traffic on I-15 in the year 2020. Measure I monies are intended to address this problem.
- A high percentage of the Specific Plan traffic on I-15 will be associated with the Commercial/Travel Services land use near the Glen Helen Parkway interchange. A large percentage of trips on I-15 that stop at these future facilities (restaurants, convenience stores, gasoline stations, etc.) can be expected to be trips that are already on the freeway, not new trips. It was conservatively assumed that 50% of these trips would be pass-by trips.

## **2. Benefit of Proposed Roadways/Interchange**

As indicated above, the existing Glen Helen internal traffic circulation system is expected to be adequate to serve the Specific Plan Land Use Plan. One of the additional circulation issues has to do with the provision of an all-weather, non-interruptible crossing to the east. The Specific Plan includes such a crossing, in the form of Bennett Road, proposed to bridge across the wash and railroad tracks and interchange with I-215. This improvement is not required as a mitigation of an impact, but

can provide overall benefit in both normal traffic circulation needs as well as better management of event traffic. The construction of this roadway and interchange is dependent on funding and approval of Caltrans and the Federal Highway Administration. There are several reasons why such a crossing makes sense:

- It provides an all-weather connection for the Sheriff's training facility.
- It increases accessibility and traffic capacity to and from the east to accommodate various events, including concerts at the Amphitheater, the Glen Helen Raceway, and other weekend festivals at the Regional Park. This access roadway would be non-interruptible by train traffic or flooding. This additional access would relieve pressure on the Glen Helen Parkway/I-15 interchange, allowing for faster clearing of parking lots and roadways following events. Clearing of a major event typically takes two to 2.5 hours, which is a known detractor of patrons. Use of Levee Road and Bennett Road could significantly reduce exit times.
- It provides an opportunity for a future interchange on I-215, which could open additional development opportunities for both the County and the City of San Bernardino. It would help to alleviate the traffic weaving problems at the Devore interchange on I-215, which is currently much closer to the I-15/I-215 interchange than Caltrans standards normally allow.
- The access would improve general circulation in the area and provide a new access point for Calmat, which would better serve the anticipated level of truck traffic moving into and out of the area.

Despite these advantages, the principal concern governing the new access roadway is its cost. The County will need to make a tradeoff between the need for all-weather access and the cost of the improvement. Conceivably, the cost could be shared among several of the parties benefiting from the improved access.

If it is not possible to justify the new crossing, improvements will be needed to the existing Glen Helen Parkway alignment from Lytle Creek to Cajon Boulevard. Levee Road would still provide additional access benefit. This roadway provides an alternative all-weather access for the training facility to the north, via Glen Helen Parkway to the west. These improvements could be staged, building the north/south roadway first, followed by the crossing to the east to Cajon Boulevard and to a new I-215 interchange at a later date.

### **3. Design of New Roadway through Sycamore Flats**

Several issues should also be recognized concerning the new roadway from Glen Helen Parkway into Sycamore Flats. The exact location of the intersection with Glen Helen Parkway will require an additional engineering study to ensure adequate sight distance and to deal with

the superelevation (banking) on the curve in Glen Helen Parkway at that location. Most importantly, Glen Helen Parkway needs to retain uninterrupted flow between the Amphitheater and I-15 to facilitate the exiting of traffic after large events. This could occur by having the Sycamore Flats roadway controlled by a STOP sign or placing the traffic signal (if installed) on flash before and after events, allowing Glen Helen Parkway traffic to pass through without stopping.

## **GH2.0615      Water Service and Facilities**

### **(a) Existing Conditions**

Currently, water is supplied from several sources within the Glen Helen Specific Plan boundary. Private wells for the Glen Helen Regional Park, the Devore Water Company, and the City of San Bernardino Municipal Water Department serves most of the Specific Plan area. In addition, the West San Bernardino County Water District has jurisdiction over the Sycamore Flats, Sycamore Canyon, and some additional parcels, although there are no existing water facilities in their service area. Some of the private lots within the Glen Helen Specific Plan boundary may have their own wells.

The Glen Helen Regional Park and the San Bernardino County Sheriff's facilities receive water primarily from two wells, located adjacent to the I-15 freeway, east of Glen Helen Road. Two additional wells provide water to the Glen Helen Raceway Park and the Glen Helen Water Park development. There are also four existing water reservoirs that currently serve the Glen Helen Regional Park and the San Bernardino County Sheriff's facilities. The Glen Helen Regional Park and San Bernardino County Sheriff's facilities have a total capacity of 838,000 gallons.

The Devore Water Company serves a small area located in the northeast portion of the Glen Helen Specific Plan boundary. The Devore Water Company has indicated they could increase capacity within their existing service area and that there is potential for a joint agreement with other water servers in the County areas of the Plan. Devore Water Company has one existing well within the Glen Helen Specific Plan boundary that serves as a water source for the immediate local businesses and residents.

The City of San Bernardino Municipal Water Department serves the lots adjacent to Kendall Drive and Cajon Boulevard. There are four City of San Bernardino Municipal Water Department reservoirs located within the Glen Helen Specific Plan boundary. These reservoirs have a total capacity of 18 million gallons.

### **(b) Domestic Water Plan**

Domestic water improvements are necessary to serve the future water demands associated with build out of the Glen Helen Specific Plan. The additional water demands are primarily related to the commercial, industrial, and entertainment/recreational land uses. Existing water demands associated with existing public land uses within the regional park (existing recreation/entertainment uses), the Sheriff's facilities, and the disposal site are assumed to continue in the future and are not included in the future demand analysis for the Specific Plan improvements. The need for expansion



of water supply for the Sheriff's facilities will require separate public funding that can and should be folded into the water expansion plans, as further discussed below.

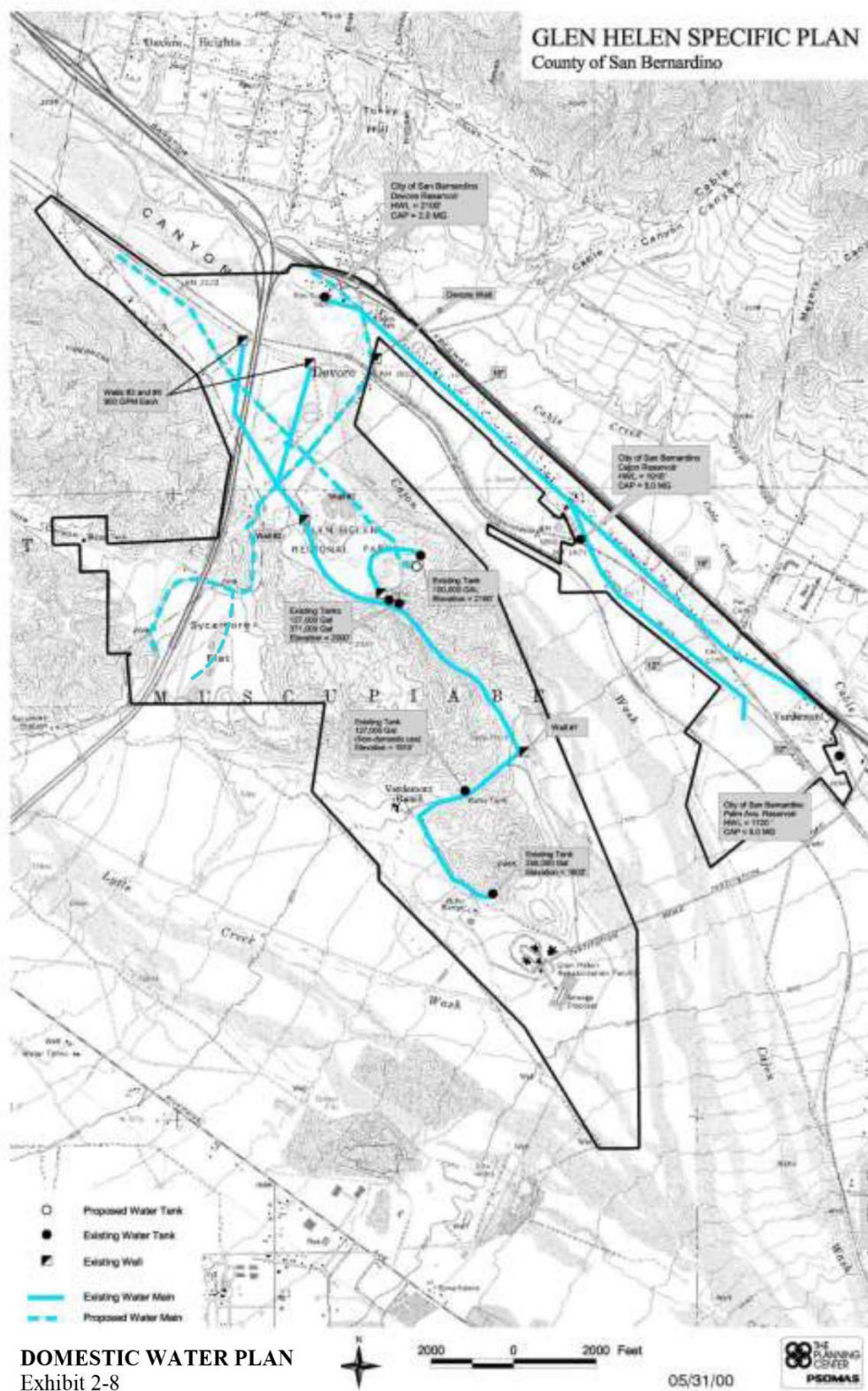
Water demands for the proposed uses in the Glen Helen Specific Plan were estimated based on general planning criteria, specific to the land use proposed. San Bernardino County's water demand factors for average daily use range from 1.0 GPM/ACRE to 1.5 GPM/ACRE for commercial and industrial uses. The water demand factors for maximum daily use range from 2.0 GPM/ACRE to 3.0 GPM/ACRE for commercial and industrial uses. For the commercial and industrial land uses, the maximum daily demand factor of 3.0 is used to determine the water demand. This calculates to a maximum of 4300 GPD/ACRE (gallons per day per acre) based on the Land Use Plan. For the recreation-related land uses, the water demand is based on 2200 GPD/ACRE (gallons per day per acre).

Additional reservoir capacity is needed to meet the new water demand. There are several options for the location and/or phasing to provide this new water reservoir capacity. One option is the placement of an additional water reservoir adjacent to the existing 100,000 gal. reservoir at the 2165' elevation. A new well is also needed. Exhibit 2-8, Domestic Water Plan depicts the proposed location for an additional water reservoir and the transmission water lines ranging from 12 to 16 inches to serve the area. The final size, location, phasing, and actual service providers of these water facilities will be determined as future development is approved. The design of the expansion plans will include the Sheriff's needs to accommodate any growth of the training and correctional facilities. The needs analysis, funding, and implementation will be identified and carried out through updates to the Master Plan for Sheriff's Facilities at Glen Helen.

Water service along Cajon Boulevard and Kendall Drive will continue to be served by the City of San Bernardino Municipal Water Department. Projected water demands for the Glen Helen Specific Plan along this corridor can be met through the four existing reservoirs. The transmission mains in this area, ranging in size from 12" to 24" in diameter, support planned increase in water usage.

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## Exhibit 2-8 Domestic Water Plan



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Given the number of existing and future potential providers of domestic water within the Specific Plan area, a number of options for future water service are available. State water from Northern California and from the Colorado River is available, depending on which agency provides the water. Some options for future water service are discussed below.

### **1. Sycamore Flats Planning Sub-Area**

This planning sub-area contains Open Space Passive Recreation, Single-family Residential-Sycamore Flats, and Commercial Industrial designations. There are three suggested alternatives to provide water service to this area.

- a) Expand the existing Glen Helen Regional Park water system.

A new waterline can be installed from the existing 2165' water reservoir in North Glen Helen. The existing reservoir and well systems are currently at their maximum capacity and would require additional reservoir storage capacity and possible construction of a new well.

- b) Construct a new water system.

A new well and water reservoir could be constructed to service this area, separate from the Glen Helen Regional Park system. The new water system could be a private system or be an extension of service from an existing water district.

- c) Develop a joint use system.

Develop a joint use system with the approved Lytle Creek North Planned Development. The Lytle Creek North project is contributing a "fair share" amount to a wastewater recycling plant to replace and expand the existing Glen Helen wastewater plant. This wastewater recycling plant will soon be under construction. Recycled water can be used for irrigation.

The approved Lytle Creek North Planned Development, adjacent to the south of the Specific Plan area, will need to construct a new water reservoir. Joint use options may be available.

## **2. Devore Planning Sub-Area**

This planning sub-area primarily contains the Commercial/Traveler Services designation. A small area is designated as Corridor Industrial. The Devore Water Company, which currently serves this area, could expand its facilities to meet increased demand in this area. The water system to serve this area is within the same 2165' Water Pressure Zone that serves the Glen Helen Regional Park. There are two options to expand water service to meet ultimate demand.

- a) Expand the existing Glen Helen Regional Park water system.

A new waterline can be installed from the existing 2165' water reservoir in North Glen Helen. The existing reservoir and well systems are currently at their maximum capacity and would require additional reservoir storage capacity and possible construction of a new well.

- b) Develop a joint use system with the Glen Helen Regional Park water system.

The Devore Water Company and the County could agree to joint construction of the water improvements required to service the area. The service provider could either be the Devore Water Company, the County, or a newly created entity.

### **GH2.0620**

### **Wastewater Service and Facilities**

#### **(a) Existing Conditions**

There is only one wastewater treatment facility in operation in the Glen Helen Area. The facility is operated by County Service Area 70, Zone GH (CSA 70 GH) with the main users being the San Bernardino County Sheriff and the Rosena Ranch residential development. The facility has a design capacity of 2.6 million gallons per day (mgd), with a peak flow capacity of 5.2 mgd. There is currently no plan to expand the facility. Any expansion would be driven by development. A large development that would trigger the need for increased capacity would be required to contribute a fair-share of the costs of expansion.

There is an existing City of San Bernardino sewer main in Cajon Boulevard and will be extended to serve the approved Calmat Specific Plan, adjacent to the Cajon Wash. Existing development on the private lots within the Specific Plan area currently have their own private septic systems.

The Glen Helen Regional Park has a small, private wastewater collection facility. All wastewater is collected in a storage tank for delivery to an offsite treatment facility. The Regional Parks Department and County Special Districts Department are in design of facilities that interconnect the parks private collection facility to the CSA 70 GH wastewater treatment facility.

**(b)**  
**Wastewater**  
**Plan**

Wastewater improvements are necessary to serve the future wastewater demands associated with the build out of the Glen Helen Specific Plan. These additional wastewater demands are primarily related to the future commercial, industrial, and entertainment/recreational land uses. Existing wastewater demands associated with existing public land uses within the regional park (existing recreation/entertainment uses), and the Sheriff's facilities, are assumed to continue in the future and are not included in the future demand analysis for the Specific Plan improvements. The need for expansion of wastewater capacity for the Sheriff's facilities will require separate public funding that can and should be folded into the treatment plant expansion plans, as further discussed below.

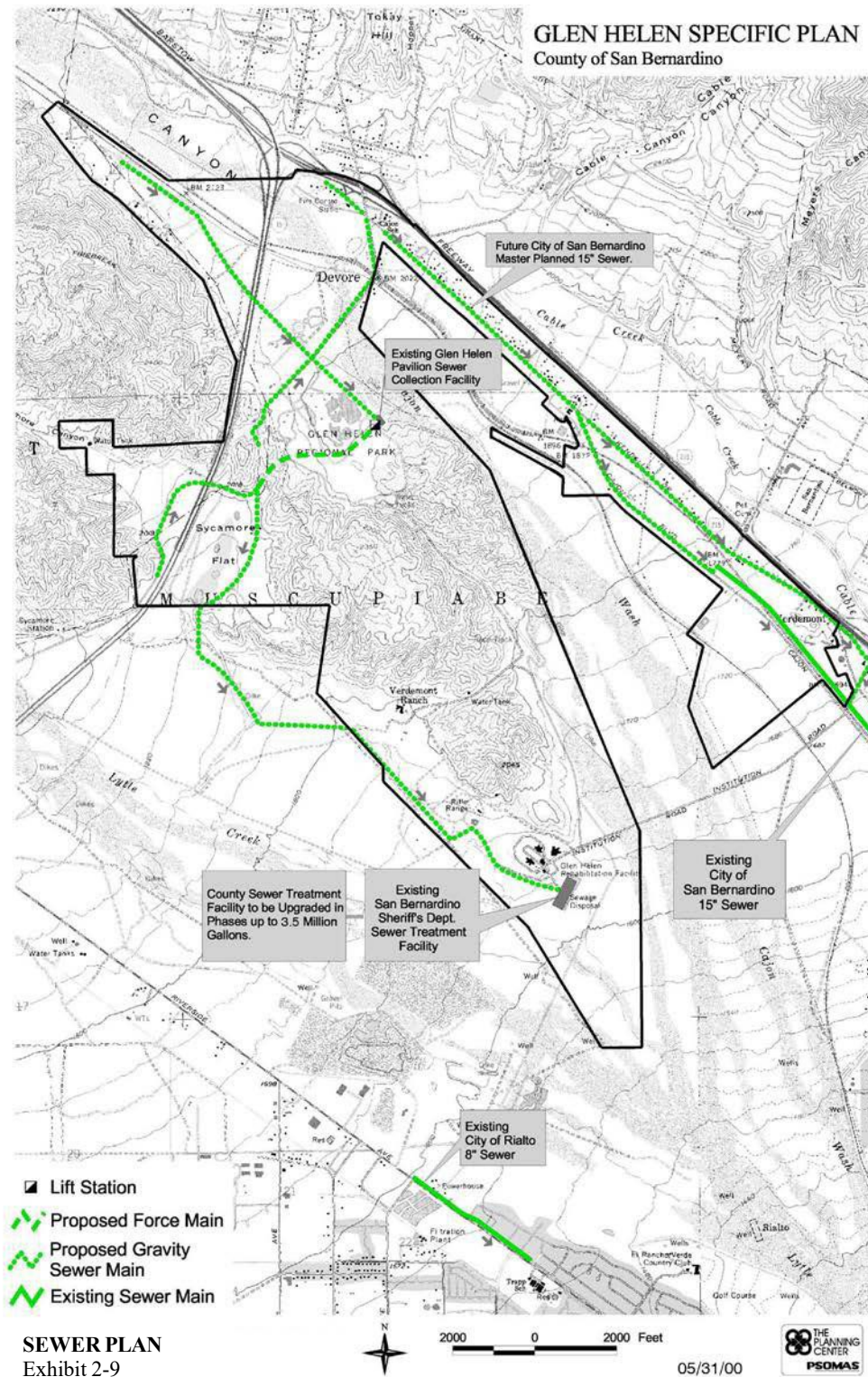
Waste generated for the proposed uses in the Glen Helen Specific Plan were estimated based on general planning criteria, specific to the land use proposed. For the uses proposed, the waste generated is estimated at 80% of the water demand. For the commercial and industrial land uses, the maximum daily water demand is 4300 GPD/ACRE (gallons per day per acre). Based on the 4300 GPD/ACRE, 80% equates to 3400 GPD/ACRE for wastewater demand. For recreation-related land uses, the water demand is 2200 GPD/ACRE. Based on 2200 GPD/ACRE, 80% equates to 1760 GPD/ACRE for wastewater demand.

Exhibit 2-10, Sewer Plan, provides the conceptual layout for the proposed sewer improvements. The Wastewater Plan in the Specific Plan proposed a facility that expands upon the now out-of-service Glen Helen Regional Park package plant and the Sheriff's treatment plant. However, any proposed development that would exceed existing capacity would require capacity increase at the CSA 70 GH treatment facility as noted above.

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Exhibit 2-9 Sewer Plan



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New sewer lines along Glen Helen Parkway and Glen Helen Road will connect to the Devore Planning Sub-Area (within the Specific Plan boundary), North Glen Helen, and Sycamore Flats Planning Sub-Areas. These gravity mains would be constructed when needed to serve future development. As existing uses expand or new development is proposed, each project will be required to evaluate wastewater generation to determine if a septic system (either existing or proposed) can accommodate the flows, or if a sewer system will be required. Anticipated phasing of sewer improvements and a financing strategy is included in Division 4, Chapter 9, Specific Plan Implementation).

The Wastewater Plan is based on maximizing the use of the existing facilities. The recently created sewer assessment district will set rates and collect fees for non-public users of the sewer system.

Given the mix of private and public lands and the current operation of the existing treatment facilities, a number of options for future wastewater service and uses for reclaimed water are available within certain areas.

#### **1. Sycamore Flats Planning Sub-Area**

This planning sub-area contains Open Space Passive Recreation, Single-family Residential-Sycamore Flats, and Commercial Industrial uses. The commercial land use generates most of the sewer flows. There are three suggested alternatives to provide sewer disposal to this area.

- a) Expand the existing Glen Helen Regional Park sewer collection system.

This is the current Wastewater Plan for the Specific Plan. A gravity line in Glen Helen Parkway, north of the freeway will serve this planning sub-area. The gravity sewer flows to a sewer lift station, located in the vicinity of the Glen Helen Parkway interchange. A force main will transport the flows to the crest in Glen Helen Parkway. At that point, a new gravity sewer main can be installed in Glen Helen Parkway from the existing system in Glen Helen Regional Park.

- b) Build a small, private treatment facility to service the area.

Depending on the size of the proposed land uses, private septic systems may be an alternative.

- c) Develop a joint use system with the approved Lytle Creek North Planned Development ("Rosena Ranch").

The approved Lytle Creek North Planned Development ("Rosena Ranch"), adjacent to the south of the Sycamore Flats area, has provided for the expansion of the Glen Helen wastewater recycling facility. Exhibit 2-10, Sewer Plan, shows the sewer system design

based on upgrading the Sheriff's treatment facility to accommodate

both the Specific Plan area and the Lytle Creek North Planned Development ("Rosena Ranch").

## **2. Central Glen Helen Planning Sub-Area**

This area primarily consists of natural open space with largely vegetated hillsides. A portion is the existing Glen Helen Raceway and associated parking areas. This use is currently served by portable sanitation facilities. When the Sewer Plan (Exhibit 2-10) is implemented, a new sewer line can be extended to access the expanded wastewater recycling plant. The existing sewer line in central Glen Helen may be abandoned.

## **3. Cajon Corridor and Kendall Corridor Planning Sub-Areas**

In this area, the existing septic systems can remain until new development proposals exceed existing capacities. This will be determined on a case-by-case basis as new project applications are submitted to the County. However, the City of San Bernardino Sewer System has master planned new 15-inch sewer mains along Cajon Boulevard, Kendall Drive, and a segment of Palm Avenue between the freeway interchange and Cajon Boulevard (See Exhibit 2-10). A portion of the sewer main along Cajon Boulevard is already installed. These lines can accommodate future wastewater demands associated with development in these planning sub-areas. Landowners within this area are currently within the City's Sphere of Influence. Once the sewer system is in place, landowners will have the option of connecting to the City's sewer system on a parcel-by-parcel basis. As a condition of the connection, landowners may be required, at the City Council's discretion, to annex into the City of San Bernardino, conduct new studies required by the City and pay all associated fees to the City. (Projects located outside of the City's Sphere of Influence requesting service by the City may also be required to annex to the Sphere of Influence and to the City prior to approval of service.)

### **GH2.0625**

### **Flood Control Facilities**

#### **(a) Existing Conditions**

The Glen Helen Specific Plan is located between the Cajon Wash and Lytle Creek drainage areas. Portions of both Cajon Wash and Lytle Creek are classified as flood hazards on the Flood Insurance Rate Maps (FIRM). Exhibit 2-10, Flood Hazards, shows the approximate limits of the flood hazard areas. The Glen Helen Specific Plan is within the San Bernardino County Flood

Control District's "Comprehensive Storm Drain Plan No. 7" (CSDP#7). The plan was prepared in 1982 and has proposed storm drain systems that serve the plan area. The proposed storm drains in this plan are shown on Exhibit 2-11, Drainage Plan.

The CSDP#7 predates the current San Bernardino County Flood Control District's 1986 Hydrology Manual and should only be used as a design guide for the alignment of the drainage system. New flow rates and size of drainage facilities will need to be determined by a detailed hydraulics and hydrology study. There are two FEMA Letters of Map Revisions (LOMR) that have been done within the plan area as follows:

LOMR 08-09-1742R, effective on 8/27/09

LOMR 13-09-1112P, effective on 11/29/13.

The existing storm drain facilities are primarily existing levees, storm drains under the freeway and minor on-site private drainage systems. Special setbacks may be required for development adjacent to County Flood Control right-of-way or facilities. The setbacks will be determined on a case-by-case basis, through the flood hazard review process. Allowable uses within the floodplain will be evaluated with the provisions of the Flood section of the San Bernardino County General Plan and the Floodplain Safety Overlay section of this Specific Plan (Division 2, Chapter 5).

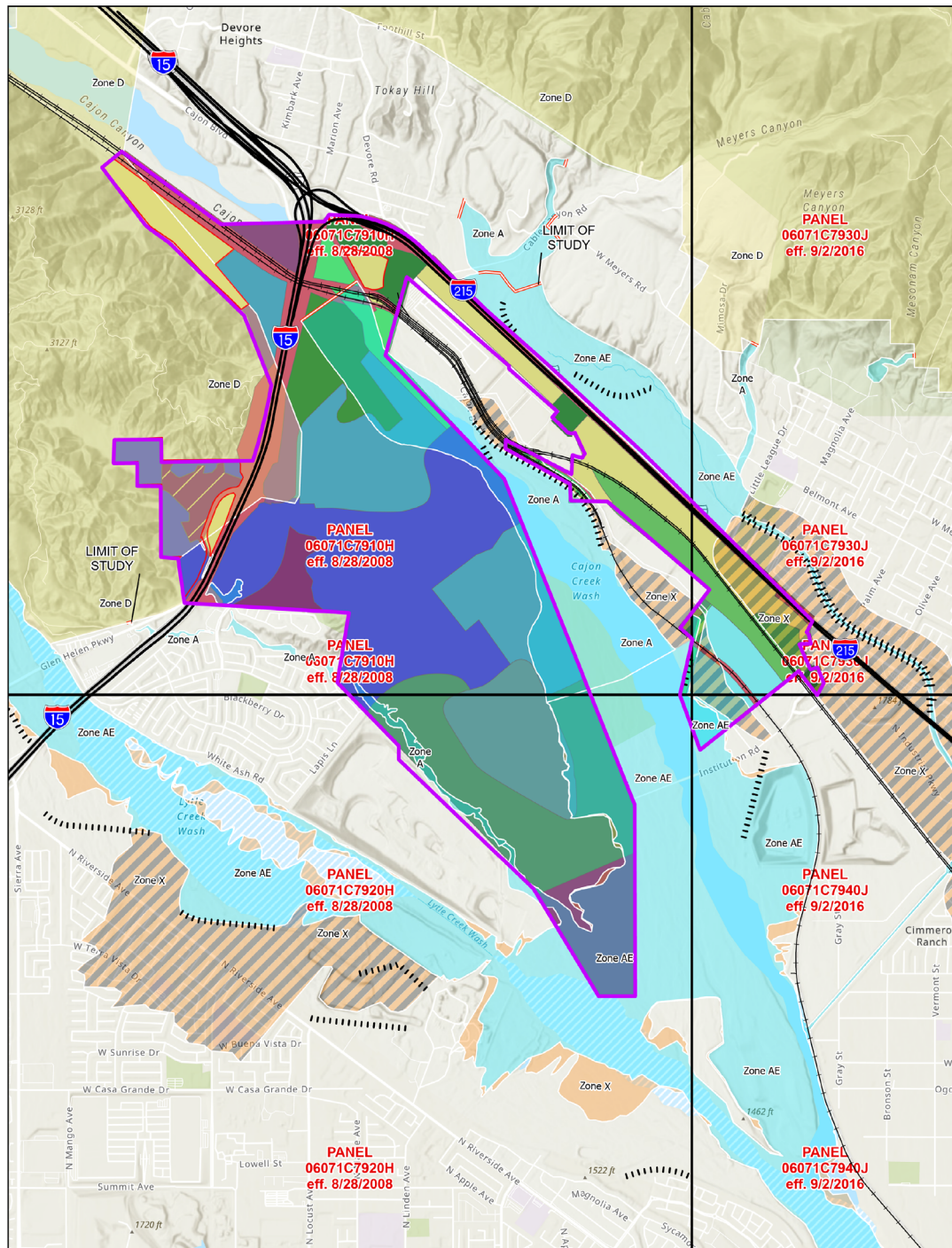
**(b)  
Drainage  
Plan**

The Drainage Plan for the Glen Helen Specific Plan, Exhibit 2-11, identifies the regional drainage improvements that are needed based on the concepts contained in the Comprehensive Storm Drain Plan No. 7. Additional on-site private systems to address collection and distribution of runoff will be needed. A Flood Hazard Development Review or a Floodplain Development Standards Review will be required for any development proposed within the Specific Plan. Detailed drainage studies, including hydrology and hydraulic calculations may be required on a case-by-case basis. The actual drainage improvements, including location, size and type of construction, will be based on these studies.

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Exhibit 2-10 Flood Hazards



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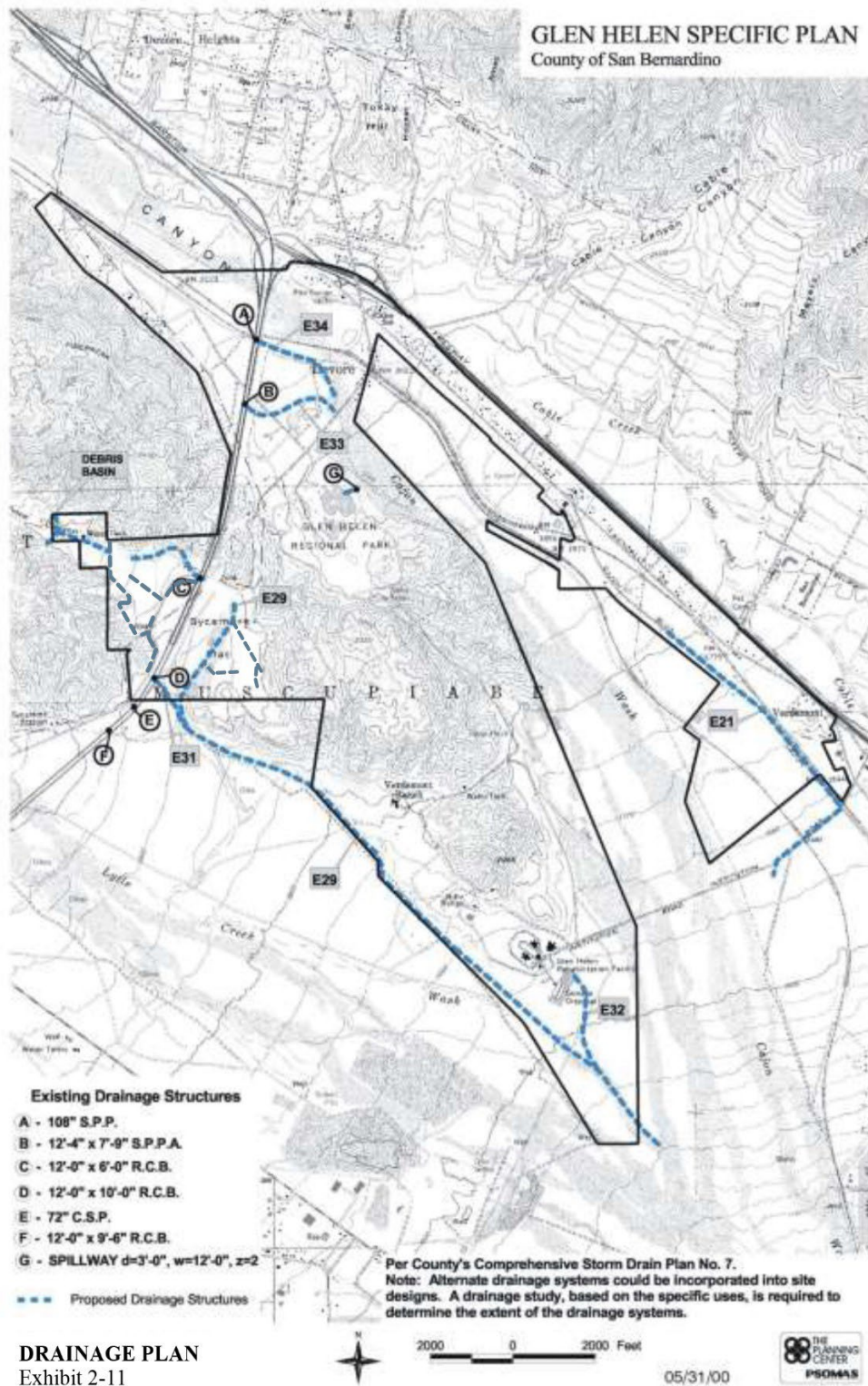






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## Exhibit 2-11 Drainage Plan



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The following systems are described as Project Numbers within the Glen Helen Specific Plan and identified on the Drainage Plan.

System Number	Design Q <sup>1</sup>	Approx. Length
E20	75 to 544 cfs	6,650 LF
E21	188 to 1051 cfs	8,500 LF
E29	558 to 4245 cfs	24,050 LF
E31	322 to 1220 cfs	1,100 LF
E32	49 to 81 cfs	2,700 LF
E33	649 cfs	2,500 LF
E34	1432 cfs	2,600 LF

<sup>1</sup> The Design Q is the runoff quantity for a 100-year storm, defined in cubic feet per second (cfs).

The County's Storm Drain Plan No. 7 has been evaluated in light of the proposed uses within each of the planning sub-areas. Several alternatives to the existing County plan may be desirable and further studies may be required, as discussed below.

### 1. Sycamore Flats Planning Sub-Area

The Sycamore Flats planning sub-area is served by systems E29 and E31, in the Comprehensive Storm Drain Plan. The proposed improvements in E29 consist of a concrete trapezoidal channel that will connect to the existing 12' x 6' reinforced concrete box (RCB) under the freeway in the vicinity of Glen Helen Parkway onramp. The proposed trapezoidal channel continues northerly to a proposed debris basin at the mouth of Sycamore Canyon. The proposed improvements for E31 consist of a concrete trapezoidal channel, southerly from an existing 12' x 10' RCB under the freeway.

This area is designated Open Space Recreation, Single-Family Residential-Sycamore Flats, and Commercial Industrial. The primary concern will be protection of the commercial site from the flood hazards from Sycamore Canyon. The proposed debris basin in system E29 can provide the needed protection. The trapezoidal channel is still required from the proposed debris basin to the existing RCB under the freeway, but alternate designs for E31 could be studied and incorporated.

The Specific Plan currently permits a maximum of seven dwelling units per acre. Any dwellings should be located clear of any flood hazards. The primary concern will be protection of the dwellings from the flood hazards from Sycamore Canyon. The proposed debris basin in system E29 may be needed to provide protection from flooding. The trapezoidal channel may also be required from the proposed debris basin to the existing RCB under the freeway, but alternate designs for E31 could be studied and incorporated into the residential development design.

The commercial and industrial land uses of the Specific Plan will increase runoff. On-site collection systems will be required. A drainage study, based on the specific land uses is required on a project-by-project basis to determine the extent of these systems.

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## **2. North Glen Helen Planning Sub-Area**

There are four primary drainage areas within this planning sub-area. The main area is south of the freeway and includes portions of the Glen Helen Regional Park. This area drains generally to the lake and eventually to Cajon Wash. The second area is north of the freeway and west of the railroad tracks. This area drains under the freeway through an existing 108" storm drain and eventually drains into Cajon Wash. The Comprehensive Storm Drain Plan proposes a concrete trapezoidal channel, system E34, to convey the drainage from the existing 108" storm drain, approximately 2600 LF to the Cajon Wash. The third area is north of the freeway and drains under the freeway in an existing 12'-4" x 7'-9" storm drain, west of Glen Helen Road. An existing natural channel then drains to Cajon Wash. The Comprehensive Storm Drain Plan proposes a concrete trapezoidal channel, system E33, to convey the drainage from this existing storm drain, approximately 2500 LF to the Cajon Wash. The fourth area is within the Cajon Wash, generally east of the railroad tracks.

Portions of this planning sub-area are within the FIRM floodplain. The limits of the FIRM study are southerly of the freeway and there may be additional areas potentially within the floodplain that are not currently mapped. Additional studies may be required to determine the limits of the floodplain for development.

To protect this area from flooding, both systems E33 and E34, described above will be required. In addition to these improvements, additional on-site collections systems will be required. A drainage study, based on the specific land uses is required to determine the extent of this system. Portions of this area may be within the floodplain and additional drainage studies are required to determine if the floodplain affects this area.

The commercial and industrial land uses of the Specific Plan will increase runoff. On-site collection systems will be required. A drainage study, based on the specific land uses is required on a project-by-project basis to determine the extent of these systems.

Depending on the type and location of the proposed uses, the drainage systems described above, there may be alternate drainage systems available. Alternate drainage systems could be incorporated into the site designs to eliminate or downsize the proposed systems. Additionally, depending on the use, floodplain studies may not be required.

## **3. South Glen Helen Planning Sub-Area**

South Glen Helen's land use is primarily the San Bernardino County Sheriff's facilities. The Comprehensive Storm Drain Plan proposes a concrete trapezoidal channel, system E29, to convey drainage along the westerly side of this planning sub-area and a small portion of the Central Glen Helen planning sub-area. The proposed system does not affect the existing uses in this planning sub-area and construction of this system is not currently needed. Development of the approved Lytle Creek project

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may require this system for flood protection but that is independent of the Glen Helen Specific Plan.

The land uses for the Draft Preferred Plan are consistent with current uses. The drainage conditions are not expected to change within this area and no drainage improvements are anticipated with the Glen Helen Specific Plan. The San Bernardino County Sheriff's facilities are generally located on the fringes of the 100-year floodplain. Expansion of the San Bernardino County Sheriff's facilities will require studies of impacts from the floodplain, separately on a case-by-case basis.

#### **4. Devore Planning Sub-Area**

The majority of this planning sub-area drains to the Cajon Wash. A small portion, below the railroad tracks is also within the 100-year floodplain. The Comprehensive Storm Drain Plan has no proposed facilities within this planning sub-area.

The commercial and industrial land uses of the Specific Plan will increase runoff. On-site collection systems will be required. A drainage study, based on the specific land uses is required on a project-by-project basis to determine the extent of these systems.

#### **5. Cajon Corridor Planning Sub-Area**

The Cajon Corridor existing land use is primarily residential with single-family homes and includes some parcels that are developed with local conveniences. The areas west of Kendall Drive will drain to the west. The areas east of Kendall Drive drain to the east. The Comprehensive Storm Drain Plan proposes an underground storm drain, system E20, in Kendall Drive and Cajon Boulevard to convey drainage to Cajon Wash. This storm drain system serves the areas westerly of Cajon Boulevard and will not serve this planning sub-area.

Each proposed use will be required to prepare a drainage study to determine if on-site storm drain improvements are needed. The planning sub-area generally drains easterly to the freeway. There are several storm drain crossings under the freeway. Each proposed development will need to analyze the adequacy of the freeway crossings and determine if any off-site storm drain improvements are needed.

#### **6. Kendall Corridor**

The Kendall Corridor existing land use is primarily residential with single-family homes, light industrial and some parcels that are for local conveniences. The Comprehensive Storm Drain Plan proposes an underground storm drain, system E21, in Cajon Boulevard to convey drainage from portions of this area to Cajon Wash. A small portion of this planning sub-area is within the 500-year floodplain. In addition, each proposed use will be required to prepare a drainage study to determine if the new small, local storm drain improvements are needed.



Additional drainage studies are required to determine the limits of the floodplain for development within the X500 portion of this area. Development is allowed in the X500 floodplain and any impacts from development will be addressed in the drainage studies.

#### **7. Areas within the City of San Bernardino Sphere of Influence**

As of 2013, a new Master Plan storm drain is being constructed along Cajon Blvd by a private developer. The developer has an agreement with the City that all future connections and fees paid by new projects that will benefit by the storm drain will be used to reimburse the costs beyond the developer's fair share. Consequently, any new connections to this system will be subject to the City's storm drain fees.

### **GH2.0630 Open Space Management Plan**

Approximately 40% of the Glen Helen Specific Plan area is designated in some form of open space. Another 2% falls within flood control right-of-way that also provides some open space and environmental value. OS/A (Open Space – Active) areas will combine open space and some form of recreation or entertainment use. At the same time, all of the proposed development areas will contain some areas of permanent open space. There are existing open spaces adjacent to the Glen Helen Specific Plan area, including the Cajon Wash (within the City of San Bernardino) and the National Forest. The open space designations in the Glen Helen Specific Plan area provide an opportunity to maintain a connected system of open space in the greater Glen Helen area.

Not only is there a complex distribution of permanent open space designations, but existing and proposed open space areas currently operate under several public and private ownerships and open space management systems. In addition, three jurisdictions are involved: the County of San Bernardino, the City of San Bernardino, and the Federal government (San Bernardino National Forest).

The long-term vision of the Glen Helen area is highly dependent upon the quality of its total open space resources. Moreover, the environmental resources, especially those within riparian areas, are significant and must be preserved. Glen Helen can be considered, in effect, an oasis that presents an inviting and pleasant opportunity for people throughout the region to seek recreation and entertainment. While the "hard" improvements are necessary to realize this vision, it is the quality of the open space and environmental resources that will define the sustainable atmosphere that will keep people coming back.

The challenge is to organize the responsibilities and actions of numerous managers of this open space into a coherent pattern that works to the benefit of the environmental resource. This Specific Plan does not have the authority to establish such a program, except within County property and other unincorporated territory. The Glen Helen Resource Management Plan,

presented in Appendix A of the FEIR, contains a strategy for area-wide open space management, based on several guiding principles as described below.

**1. Improvements**

Improvements to the open space resource in the form of vegetative renewal, new landscaping and physical improvements within open space areas shall be coordinated under the direction of a qualified biologist to ensure the continuity of the natural habitat to the maximum extent possible. Plant species to be introduced shall be selected and located in such a way that they do not overcome natural vegetation.

**2. Maintenance**

Maintenance programs will be coordinated so that the entire resource is adequately and evenly maintained throughout the Glen Helen area.

**3. Access**

Random access shall not be provided into open space areas; the preferred method is to use designated trails/roadways so that damage to the environment is kept to a minimum.

**4. Grading**

Grading into or within designated open space areas shall be avoided if at all possible. Where it is unavoidable, it shall be done sensitively and kept to a minimum.

**5. Fire Control**

Methods for coordinating fire response and handling of open space areas sustaining fire damage shall be instituted so that long term viability of the open space resources can be maintained. This includes programs for controlled burns to control underbrush.

**6. Education**

Steps for incorporating this open space resource into education and management programs at various educational levels shall be pursued as a means of fostering continued interest in its sustainability and as a strategy for making this resource an educational asset.

**7. Design**

All development projects adjacent to a designated open space area shall incorporate into any development plan specific measures to provide appropriate buffers for protection of open space resources and, where feasible, make a smooth transition from development projects to open space areas.

**8. Irrigation**

Irrigation systems shall be designed so that they do not cause damaging erosion of open space areas nor inflict damage on vegetation within open space designations.

**9. Theme**

Accent trees and supporting plantings shall comply as much as possible with the landscape guidelines included in this Specific Plan.

**10. Administration**

It will be preferable to establish a joint administrative arrangement for open space management in the Glen Helen Area, according to the strategies outlined in the Glen Helen Resource Management Plan (Appendix A of the FEIR).

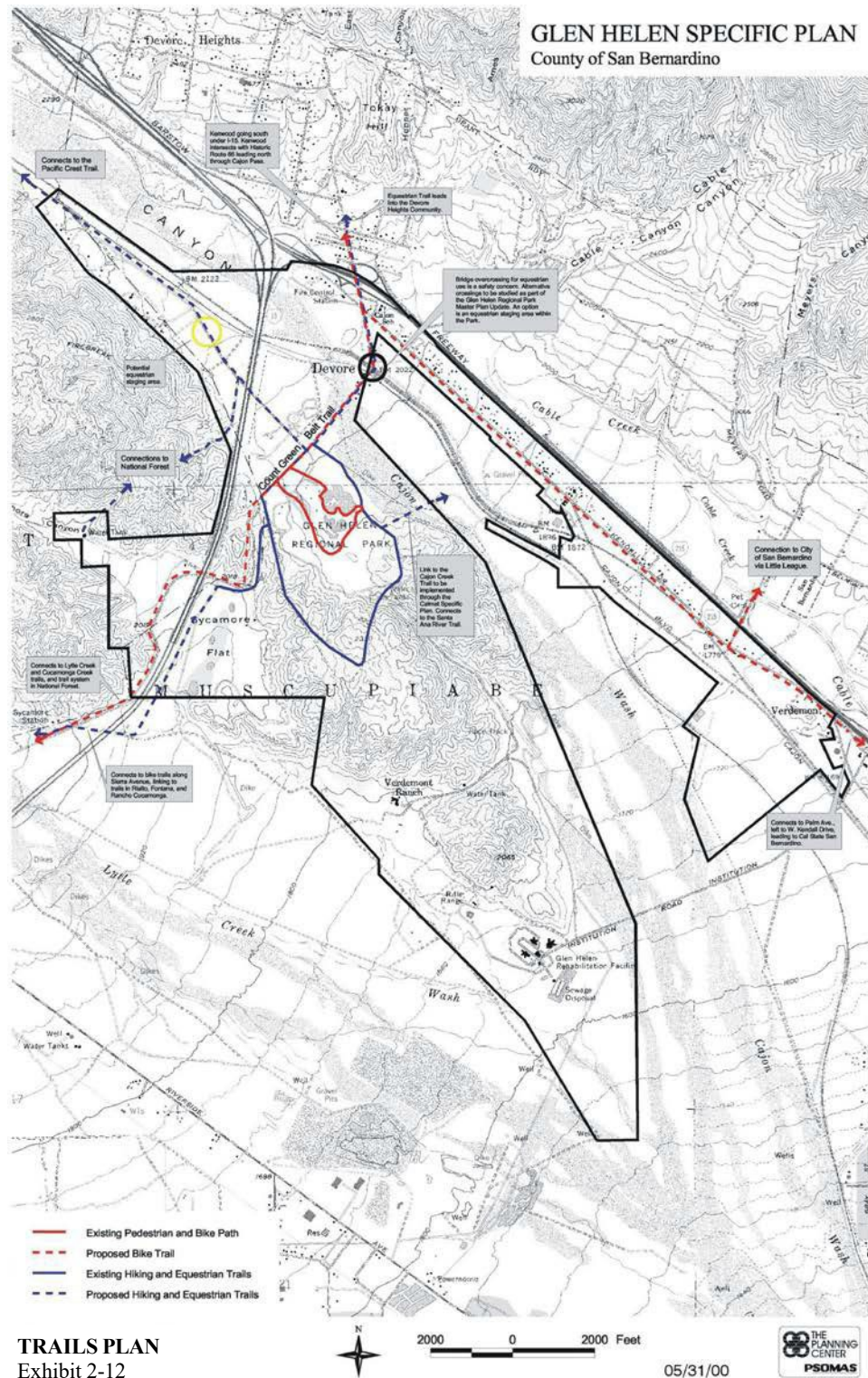
**GH2.0635****Trails Plan**

The Glen Helen Specific Plan includes a Trails Plan (Exhibit 2-12), that ties together the previous planning for local and regional trails, to create a trails system that is desirable and can be implemented. The Trails Plan is consistent with the County General Plan, as it implements segments of both the County Green Belt Trail and the Cajon Creek Trail, as generally shown in the Open Space Element. The Trails Plan is also a product of a coordinated planning effort between Glen Helen Regional Park's staff, the City of San Bernardino, and local equestrians.

The Trails Plan establishes two types of trails: 1) combined pedestrian and bike paths; and 2) combined hiking and equestrian trails. The pedestrian and bike paths are located along Glen Helen Parkway, Cajon Boulevard, Kendall Drive, and within the Glen Helen Regional Park. Connections to nearby local and regional trails are identified. The trail standards within the public right-of-way are provided for in the Streetscape Design Guidelines within Division 3, Chapter 1 of the Specific Plan. The trail standards are consistent with the County Development Code.

Equestrian and hiking trails also traverse the area. They include a loop system within the regional park; a trail along Glen Helen Road; a trail connection from the park to the utility easement through Sycamore Flats leading under the I-15 to other nearby trails; and connections to Cajon Wash leading to an ultimate potential connection to the Santa Ana River Trail. The hiking and equestrian trail standards along Glen Helen Parkway and Glen Helen Road are provided for in the Streetscape Design Guidelines within Division 3, Chapter 1 of the Specific Plan. The trail standards are consistent with the County General Plan. The County Trails Planning Staff will determine the trail design for off-road hiking and equestrian trails, based on the location and conditions of each trail segment, and the trail standards contain in the County Development Code.

## Exhibit 2-12 Trails Plan



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**Chapter 7: General Development Regulations****GH2.0705 General Provisions**

The provisions of Division 3 (Countywide Development Standards) of the Development Code shall regulate unless this Specific Plan specifically overrides or modifies these provisions. The following provisions in Division 7 are applicable to this Specific Plan:

- Dedication and Street Improvements
- Lot Area
- Height Regulations
- Projections into Yards
- Parking Regulations
- General Setback Regulations
- Conditional Grading Compliance
- Transportation Control Measures

## DIVISION 3 DESIGN GUIDELINES

### Chapters:

1. Landscape Architecture Guidelines .....	3-1
2. Site Planning Guidelines .....	3-21
3. On-Site Landscape Requirements.....	3-25
4. Architectural Guidelines .....	3-33
5. Signage Guidelines .....	3-41
6. Lighting Guidelines.....	3-45
7. Hillside Development Requirements.....	3-49

The Specific Plan area is a site of regional significance, given its location at the entrance to the San Bernardino Valley region from the High Desert and beyond. It is also a site with a wide variety of existing and future planned uses each with their own design and development needs. The challenge of these design guidelines is to focus attention on what can realistically be accomplished from a design standpoint to improve the aesthetic quality of the area and thereby attract visitors and businesses alike. The guidelines apply to all private property within the Specific Plan area, as well as the entertainment and active open space edges of the Glen Helen Regional Park. They are to be used by both the public and private sector when designing streetscape improvements, deciding on trees and plants, site planning a project, determining architectural style and details, and when designing signage and lighting for a project. Compliance with these guidelines will be determined during the development review process, as indicated in Division 4, Chapter 2 of the Development Processing of this Specific Plan.

Projects with an approved Planned Development Permit within the Destination Recreation Planning Area are not subject to the provisions within Chapter 1: Landscape Architectural Guidelines, Chapter 2: Site Planning Guidelines, Chapter 3: On-Site Landscape Requirements, Chapter 4: Architectural Guidelines, Chapter 5: Signage Guidelines, Chapter 6: Lighting Guidelines and Chapter 7: Hillside Development Requirements, as the Development and Design standards will be established by the approved PDP unless otherwise stated.

### **Chapter 1: Landscape Architecture Guidelines**

#### **GH3.0105 General Provisions**

The landscaping standards set forth in Chapter 83.10 (Landscaping Standards) of the County Development Code shall apply to all projects within the boundaries of this Specific Plan.

**GH3.0110      Streetscape****(a)****Purpose**

The following guidelines for major street and freeway edges are intended to:

1. Reinforce hierarchy of vehicular circulation through variation in street scenes;
2. Set design themes/ambience for land use areas;
3. Function as windbreaks, visual framework; to denote transition between uses, and activity areas such as pedestrian crossings and arrival/major access points to developments; to frame view windows to special natural or manmade features; and to screen undesirable elements from public's view;
4. Ensure a consistent/continuous look and quality of design along the major thoroughfares within the project area;
5. Ensure the intended aesthetic quality and functionality of the roadway is achieved; and
6. Minimize potential conflict between pedestrians and vehicular traffic.

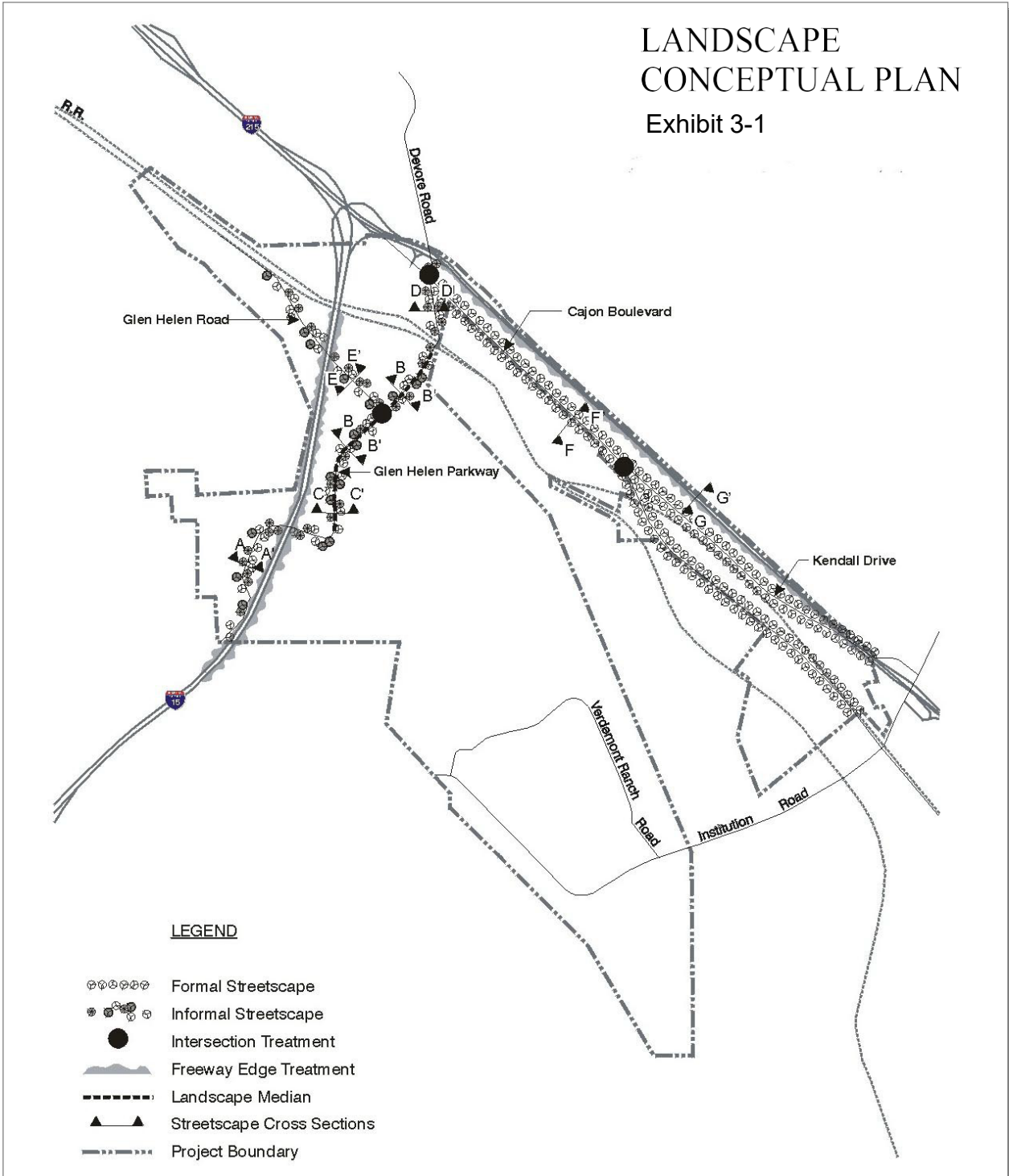


**(b)**  
**General**  
**Guidelines**

The following general guidelines apply to Glen Helen Parkway, Glen Helen Road, Cajon Boulevard, Kendall Drive, and the edges of the I-15 and I-215 Freeways and are illustrated on Exhibit 3-1, Landscape Conceptual Plan:

1. A hierarchy in the street scene shall be established through variation of setback width and landscape design. Landscape setbacks set forth in Division 2 of this Plan shall be those areas required to be landscaped.
2. Streetscapes shall be designed to calm traffic along the roadways especially where pedestrian crossings occur. This is particularly critical where visitor pedestrian traffic is expected to be high.
3. Focal points shall be placed at major intersections while landscaping along the roadways shall have minimal accent planting to promote a strong continuous edge.
4. Plant materials shall include species that are native or drought tolerant, good windbreaks and known to survive well in the local climate and soil.
5. Maximize windbreak effect through proper placement and spacing of plant materials.
6. All major street trees referenced in these guidelines shall be a minimum 24 inches box except Eucalyptus species which shall be five gallons. Shrubs/hedges are to be minimum one gallon when installed.
7. All other trees shall be 15 gallons.
8. Landscape berms shall average no more than four feet in height. Slopes shall average 3:1 and no steeper than 2:1.
9. Streetscape shall be maintained year-round. Deceased plants shall be replaced promptly with materials comparable in size to existing plants.

Exhibit 3-1 Landscape Conceptual Plan



10. The landscape area along the major circulation network within the Specific Plan area is summarized in Table 3.1 as follows:

<b>Table 3-1 Streetscape Standards</b>			
<b>Roadway</b>	<b>Classification</b>	<b>Landscape Parkway within Public R.O.W.</b>	<b>Landscape Setback Requirement*</b>
Glen Helen Parkway (Sycamore Canyon Section – west of I-15)	Major Highway (104' R.O.W.)	12' (no sidewalk required)	15' minimum
Glen Helen Parkway (Sycamore Flat & Glen Helen Regional Park Section – east of I-15)	Major Highway (104' R.O.W.)	12' (5' sidewalk on west side of the highway)	20' minimum
Glen Helen Parkway (Between northeastern limit of Glen Helen Regional Park & I-215)	Major Highway (104' R.O.W.)	12' (5' sidewalk on both sides of the highway)	15' minimum
Glen Helen Road	Local (60' R.O.W.)	12' (includes a 5' sidewalk)	10' minimum
Cajon Blvd./ Kendall Dr.	Major Highway (104' R.O.W.)	12' (includes a 5' sidewalk)	15' minimum
I-15 / I-215	Freeway	N/A	30' minimum

\*Landscape setback measured from property line/right-of-way line.

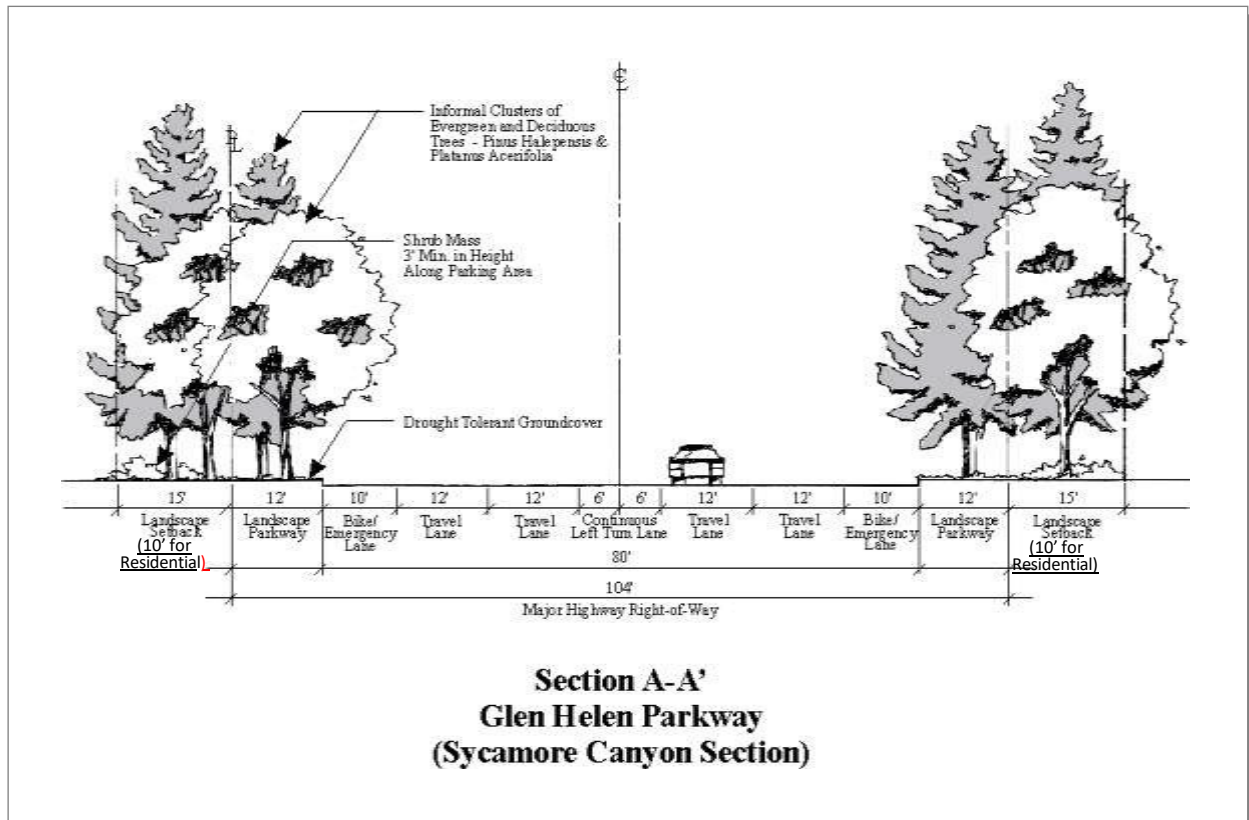
**(c)  
Streetscape  
Design  
Guidelines**

**1. Glen Helen Parkway (Sycamore Canyon Segment – West of I-15)**

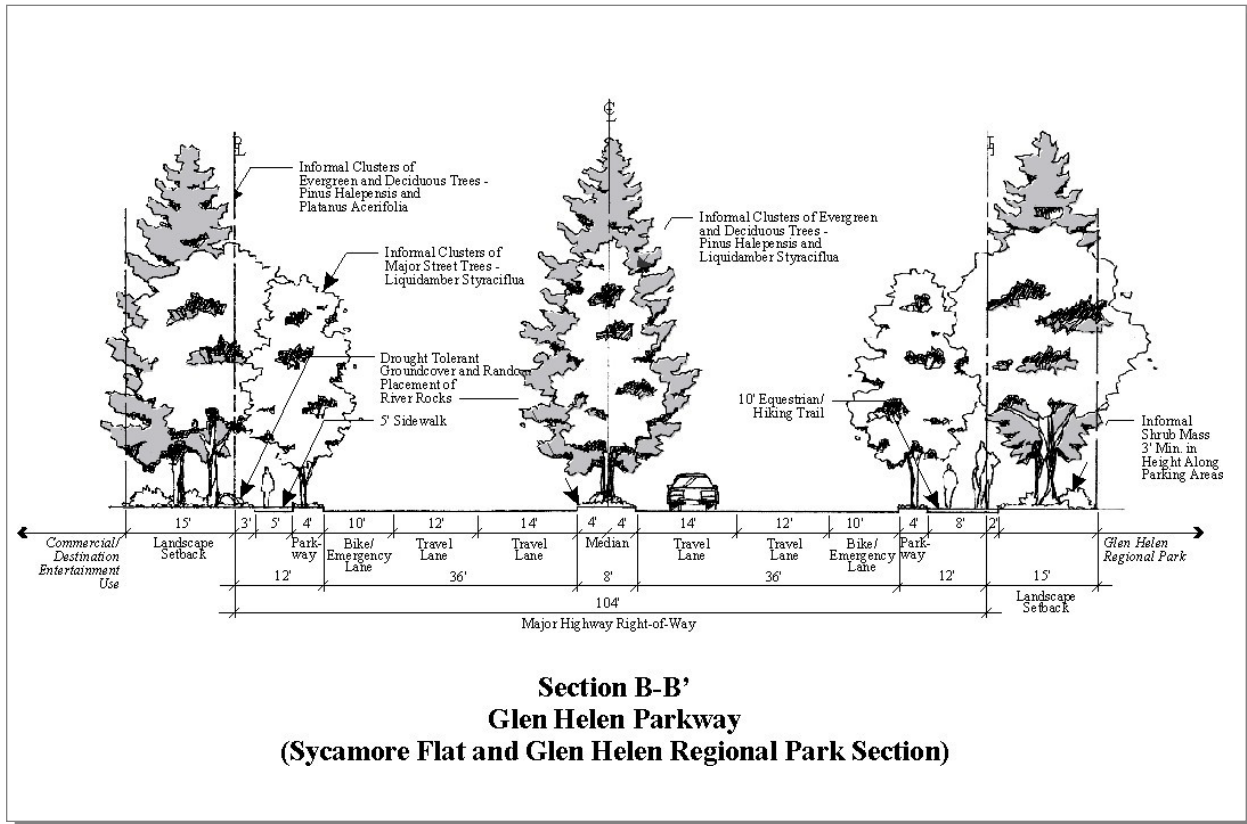
- a) This segment of Glen Helen Parkway is designated as Corridor Industrial and Glen Helen Parkway is Single-Family Residential with Corridor Industrial overlay.
- b) The streetscape theme shall be informal, with a rural and rustic character.
- c) The streetscape zone is comprised of a 12-foot public right-of-way and a 15-foot minimum landscape setback at the adjoining property. No median is required.
- d) Concrete sidewalk is not required in this segment of the Glen Helen Parkway.
- e) Major street trees recommended within the 12-foot right-of-way and the 15-foot landscape setback areas are informal clusters of *Platanus acerifolia* and *Pinus halepensis*, averaging 35 feet on center.
- f) Informal shrub mass minimum three feet in height shall be planted along all parking areas for screening. The remaining area shall be covered with drought tolerant groundcovers.

**2. Glen Helen Parkway (Segment between the I-15 and the northeastern limit of Glen Helen Regional Park I-215)**

- a) This segment of Glen Helen Parkway is flanked by Commercial/Destination Entertainment use to the west and Open Space/Active use to the east.
- b) The streetscape theme shall be informal, with a rural and rustic character.

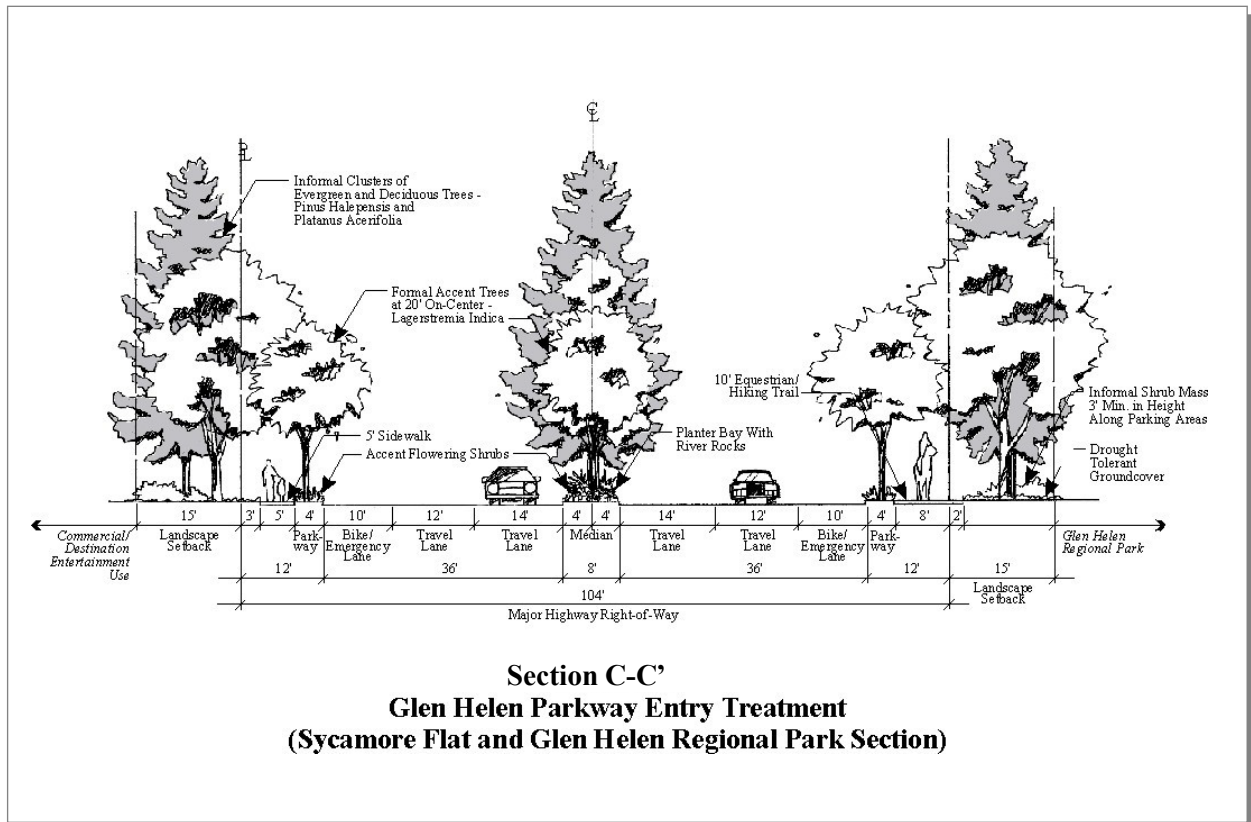


- g) The streetscape zone is comprised of a 12-foot public right-of-way and a 15-foot minimum landscape setback at the adjoining property, as well as an eight-foot landscaped median as shown in the schematic B-B' below.



- h) The eight-foot median area is currently used as an additional travel lane during the exiting of major events at the Regional Park. Implementation of a permanent landscaped median is a desirable component of the Glen Helen Parkway streetscape design; however, it will need to be further evaluated based on the needs of event traffic management.
- i) A five-foot concrete sidewalk is required within the 12-foot right-of-way on the west side of this section of the Glen Helen Parkway. The concrete sidewalk will be flanked by a four-foot landscaped parkway on the curbside and a three-foot landscaped parkway on the property side.
- j) On the east side of this segment of Glen Helen Parkway along the Glen Helen Regional Park, a 10-foot hiking/equestrian trail is incorporated within the 12-foot parkway and the 15-foot landscape setback area. There shall be a four-foot landscaped parkway on the curbside. The width of the trail will be shared between the public right-of-way and the landscape setback area, eight feet in the right-of-way and two feet in the landscape setback area.

- k) Major street trees recommended along the 12-foot parkway are informal clusters of Liquidamber styraciflua averaging 25 feet on center.
- l) Informal backdrop trees within the 15-foot landscape setback shall incorporate clusters of evergreens and deciduous trees averaging 35 feet on center. Recommended backdrop trees are Platanus acerifolia and Pinus halepensis.
- m) Informal shrub mass minimum three feet in height shall be planted along all parking areas for screening. The remaining area shall be covered with drought tolerant groundcovers and/or turf. River rocks from local sources can be incorporated into the landscape area to enhance the rural, naturalistic theme.
- n) The eight-foot median shall be planted with clusters of Liquidamber styraciflua and Pinus halepensis and drought tolerant groundcovers.
- o) Undulating berm covered with drought tolerant groundcovers and/or turf. Maximum slope for turf is 3:1 and maximum slope for groundcover is 2:1.
- p) A 200-foot-long special landscape treatment area shall be placed at the entries of this section of Glen Helen Parkway as shown in Section C-C' below. Treatment at the median includes a planting bay built with river rocks gently sloping and rises to 2'6" in height. The planting bay will extend for a length of 200 feet and tapering down to meet the grade. Within the planting bay, a single row of accent flowering trees shall be planted at 20' on center with accent flowering shrubs planted at the understory. Matching accent trees shall also be planted along the five-foot landscape parkways to reinforce the intent of the entry statement. Recommended accent flowering trees are Lagerstroemia indica.

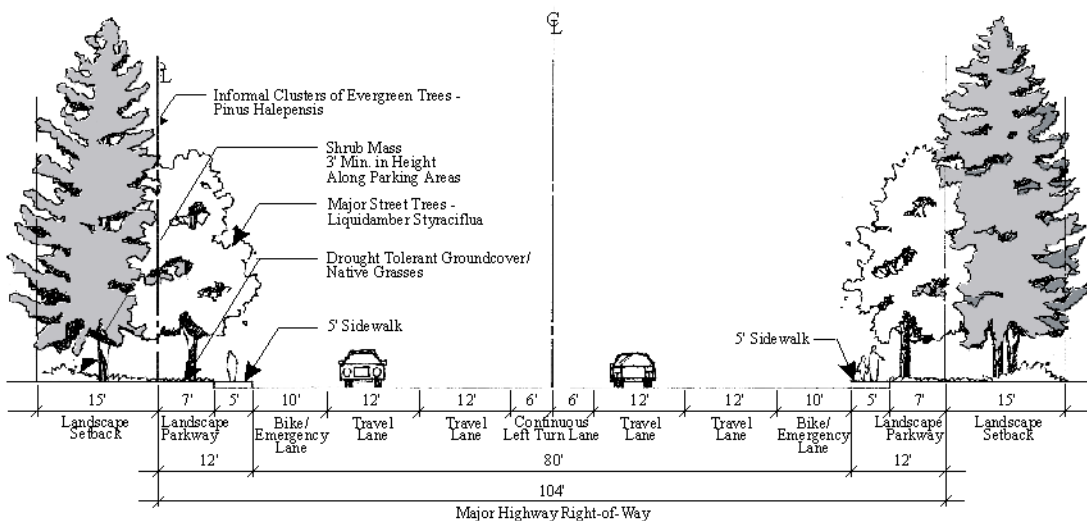


- q) Special landscape treatments shall also be placed at major intersections, pedestrian crossings, and major park entries to draw drivers' attention to the approaching of a pedestrian activities area and/or the arrival of a destination. See intersection treatment in Division 3, Chapter 1 of the Design Guidelines.

**2. Glen Helen Parkway (Segment between northeastern limit of Glen Helen Regional Park and I-215)**

- a) This segment of Glen Helen Parkway is flanked by Commercial/Travelers Services on both sides of the roadway.
- b) The streetscape theme shall create a more urban ambiance to encourage a higher synergy of pedestrian activities, yet it shall be complementary to the adjoining sections of the parkway.
- c) The streetscape zone is comprised of a 12-foot public parkway and a 15-foot minimum landscape setback at the adjoining property. No median is required.

- d) The 12-foot parkway incorporates a five-foot sidewalk adjacent to the street curb and a seven-foot landscape parkway.
- e) Within the seven-foot landscaped parkway, a single row of major street trees shall be planted at 25 feet on center. Recommended street trees are Liquidamber styraciflua.
- f) Treatment within the landscape setback area shall be complementary to that of the other sections of the roadway. Backdrop trees within the 15 feet landscape setback shall incorporate informal clusters of evergreen trees averaging 40 feet on center. Recommended backdrop trees are Pinus halepensis.
- g) Informal shrub mass minimum three feet in height shall be planted along all parking areas for screening. The remaining landscape area shall be covered with drought tolerant groundcovers and/or turf.

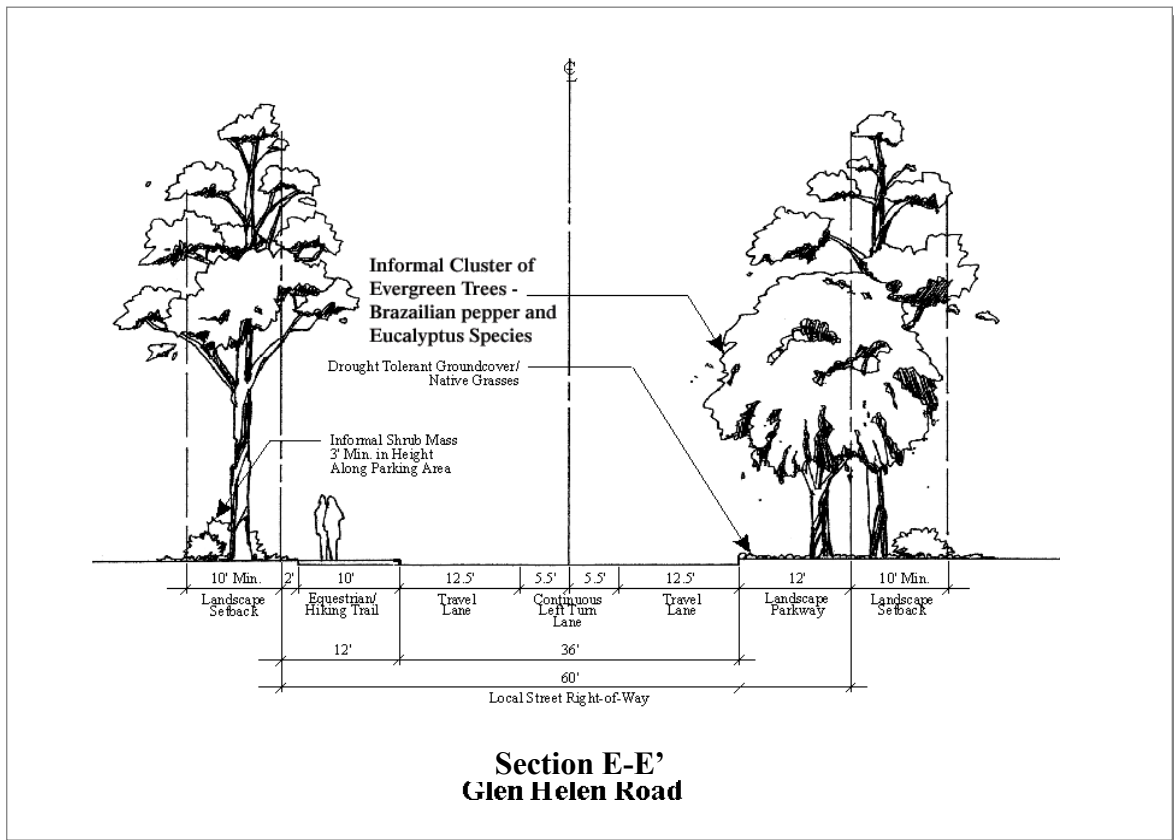


**Section D-D'**  
**Glen Helen Parkway**  
**(Between Northeastern Limit of Glen Helen Regional Park and I-215)**



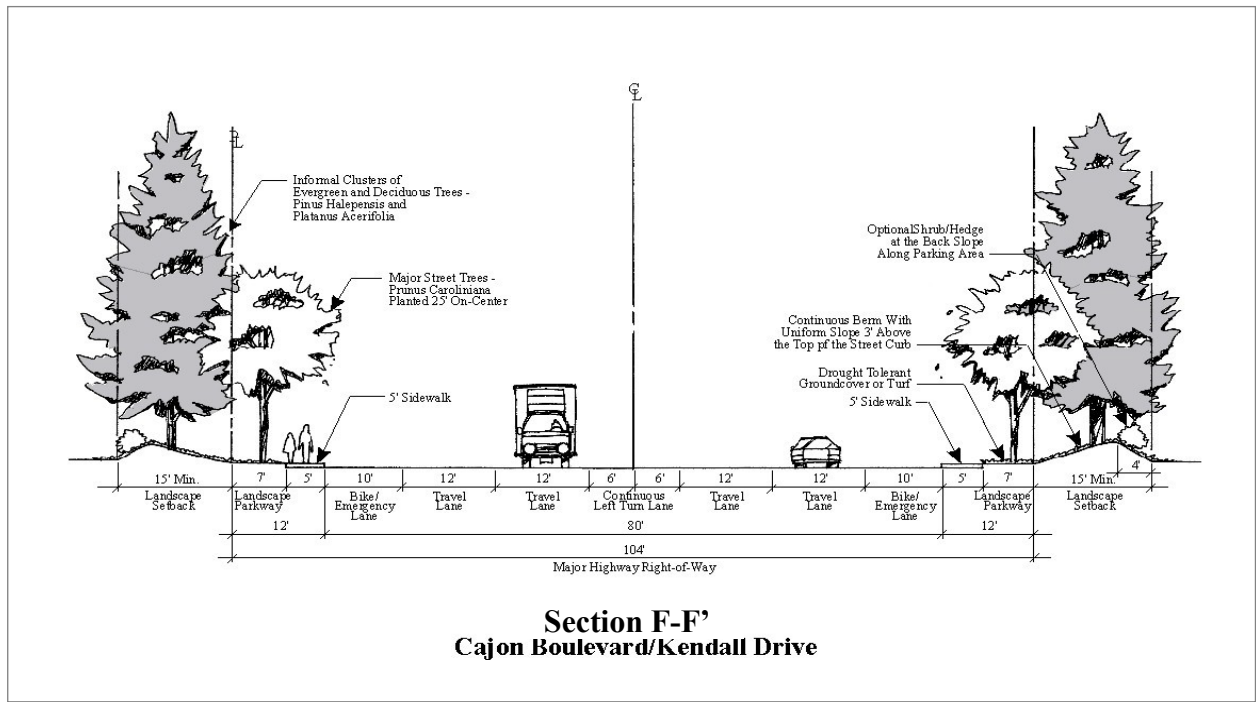
### 3. Glen Helen Road

- a) The streetscape on Glen Helen Road shall be informal, with a rural and rustic character.
- b) The streetscape zone is comprised of a 12-foot public parkway and a ten-foot minimum landscape setback at the adjoining property.
- c) On the south side of the roadway, the 12-foot parkway incorporates a 10-foot hiking/equestrian trail adjacent to the street curb and a two-foot landscape parkway adjacent to the landscape setback area of the adjoining property. No pedestrian sidewalk is required on the north side of the roadway.
- d) On both sides of the road, the parkway and landscape setback area shall be planted with informal clusters of evergreen trees, averaging 35 feet on center. Recommended street trees are Brazilian pepper and Eucalyptus species.
- e) Informal shrub mass minimum three feet in height shall be planted along all parking areas for screening. The remaining landscape area shall be covered with drought tolerant groundcovers.



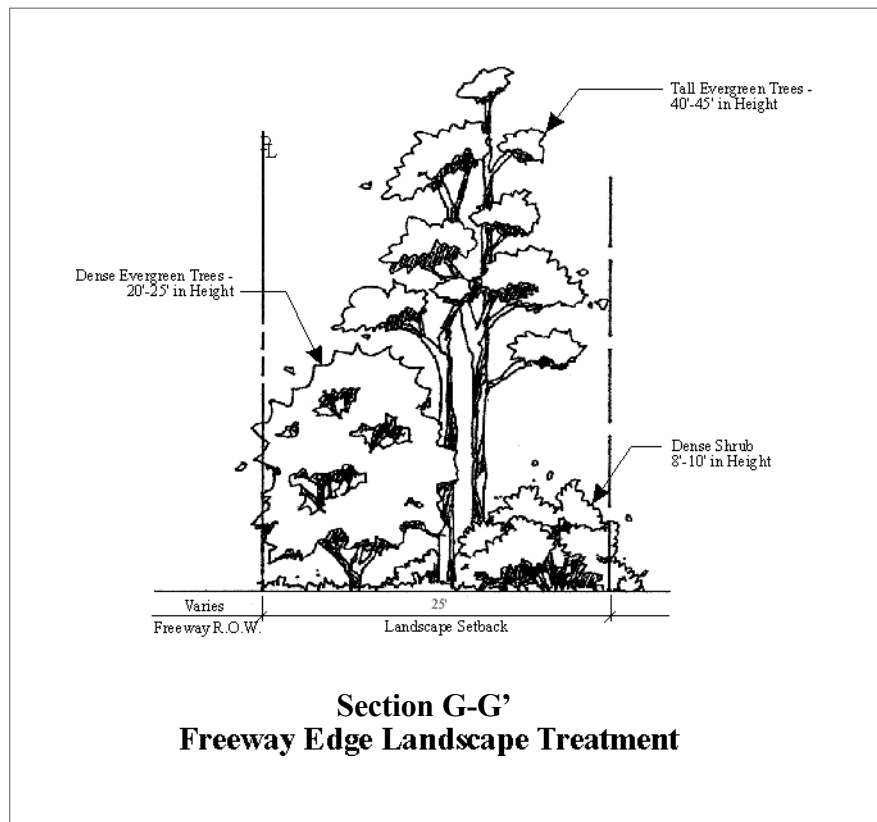
#### 4. Cajon Boulevard/Kendall Drive

- a) The streetscape on Cajon Boulevard and Kendall Drive shall be formal, clean and simple to reflect a more urban characteristic.
- b) The streetscape zone is comprised of a 12-foot public right-of-way and a 15-foot minimum landscape setback at the adjoining property.
- c) The 12-foot right-of-way incorporates a five-foot sidewalk adjacent to the street curb and a seven-foot landscaped parkway.
- d) Major street trees on the parkway shall be planted in uniform spacing at 25 feet on center. Recommended parkway street trees are *Prunus caroliniana*.
- e) Within a 15-foot landscape setback area, incorporate a continuous berm with uniform slope three feet above the top of the street curb. The berm shall be planted with informal clusters of evergreens trees planted averaging 40 feet on center. Recommended street trees are *Liquidamber styraciflua* and *Pinus canariensis*.
- f) A row of shrub/hedge three feet in height shall be planted at the backside of the berm. The remaining areas on the berm shall be covered with drought tolerant groundcover and/or turf. Maximum slope for turf is 3:1 and maximum slope for groundcover is 2:1.
- g) No raised median is required.



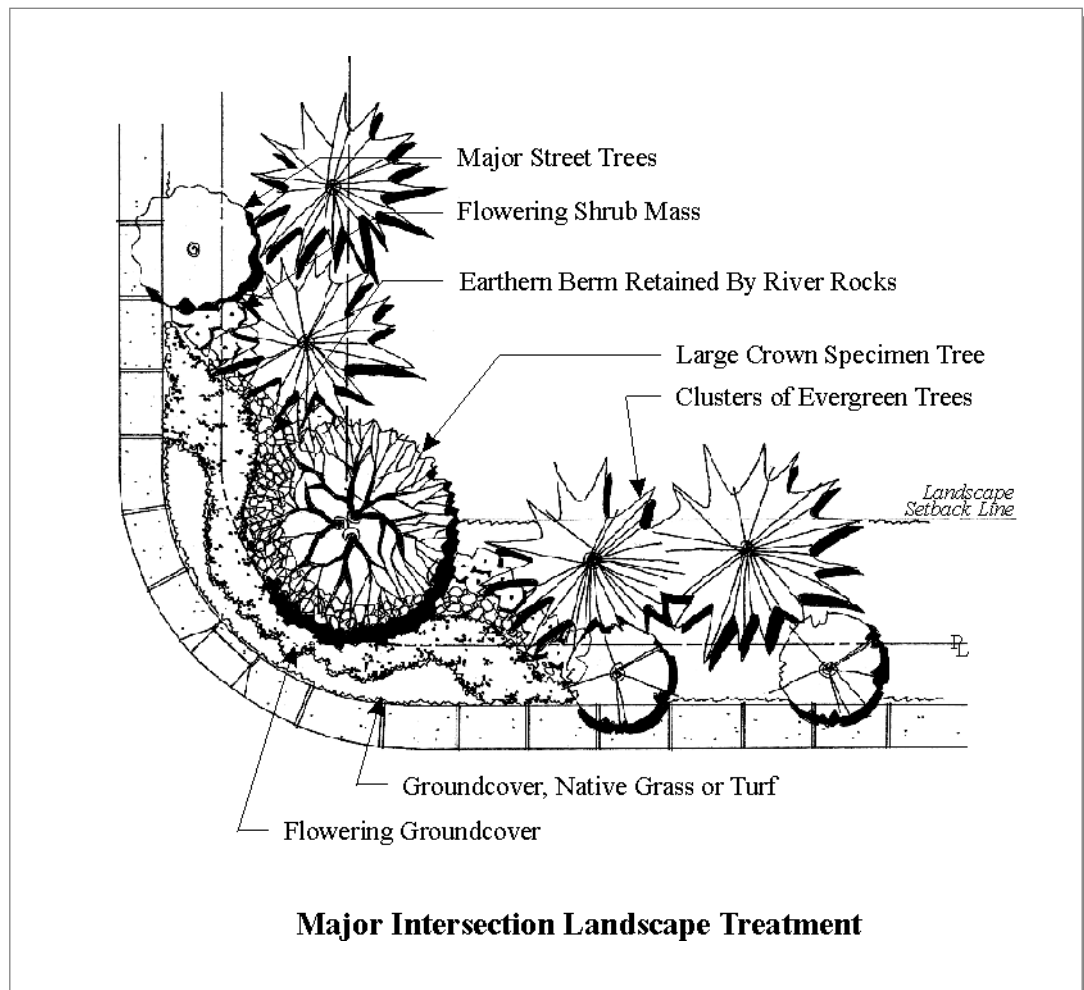
## 5. Freeway Edge

- a) A minimum 25 feet wide landscape zone (measured from the ultimate freeway right-of-way line) is required along the I-15 and I-215 freeway edge. This landscape setback may be reduced, at the discretion of the Director of Land Use Services, if screening landscape is added within the freeway right-of-way.
- b) Landscape treatment along these freeway corridors shall serve as a windbreak to protect the site from seasonal strong wind. Windbreak elements include a row of medium height (20 to 25 feet) dense tree, a row of tall tree (40 to 45 feet) and a row of medium height (8 to 10 feet) dense shrub. See plant palette table for plant selection.
- c) A view analysis study shall be conducted at the project level to determine desirable view windows to the site, the building signage and other special on-site features, as well as the screening of undesirable views such as the parking lots and the loading/service areas.
- d) At parcels where finish grade is at the same elevation as the adjacent freeway, a landscape berm of four feet in height is required to screen the parking and loading/service areas.



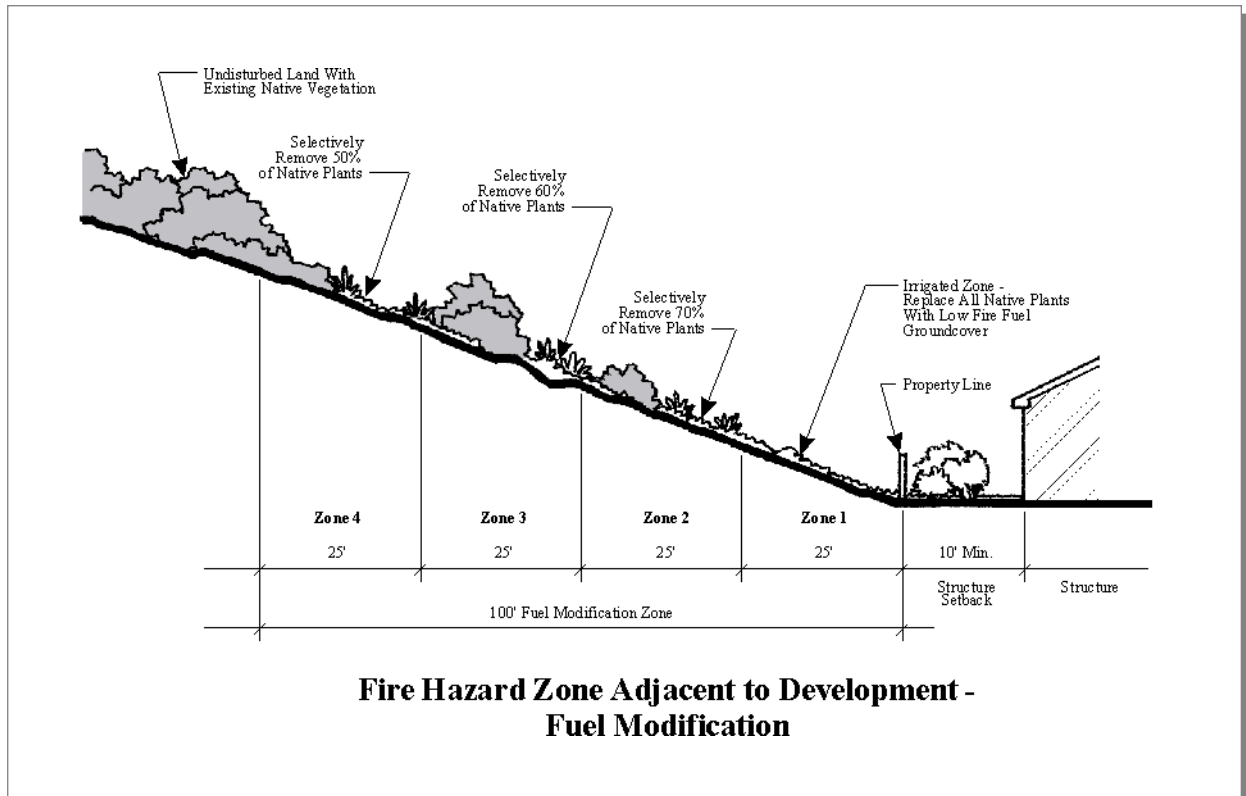
**GH3.0115 Major Intersections**

1. Landscape treatment at major intersections shall be compatible with the streetscape theme.
2. Two major intersections are identified within the project area: 1) Glen Helen Parkway and Cajon Boulevard, and 2) Glen Helen Parkway and Glen Helen Road.
3. Elements to be incorporated into the major intersection landscape treatments are gentle sloping berms retained by river rocks from local sources, planted with one single large crown specimen tree (36 inch box minimum). Background trees are clusters of evergreen consistent with adjacent street tree palette. Accent flowering groundcover shall be planted at the front of the berm, and flowering shrubs, and groundcover or native grass consistent with the adjacent streetscape palette shall be planted to cover the berm.



**GH3.0120 Fuel Modification**

1. Refer to the County Development Code Chapter 82.13 [Fire Safety (FS) Overlay].
2. Landscape treatment within the one hundred feet fuel modification zone shall be as follows:



**GH3.0125 Plant Materials**

**Table 3-2  
Plant Palette**

<b>Botanical Name</b>		<b>Common Name</b>
<b>STREETSCAPE</b>		
<b>TREES</b>		
a)	<b>Glen Helen Parkway (Sycamore Canyon Section – west of I-15):</b>	
	Parkway and Landscape setback area:	
	Pinus halepensis	Aleppo Pine
	Platanus acerifolia	London Plane Tree
b)	<b>Glen Helen Parkway (Sycamore Flat &amp; Glen Helen Regional Park Section – east of I-15):</b>	
	<b><u>Parkway:</u></b>	
	Liquidamber styraciflua	American Sweet Gum
	Landscape setback area:	
	Pinus halepensis	Aleppo Pine
	Platanus acerifolia	London Plane Tree
	<b><u>Median:</u></b>	
	Lagerstroemia indica (accent tree)	Crape Myrtle
	Liquidamber styraciflua	American Sweet Gum
	Pinus halepensis	Aleppo Pine
c)	<b>Glen Helen Parkway (Between northeastern limit of Glen Helen Regional Park and I-215):</b>	
	<b><u>Parkway:</u></b>	
	Liquidamber styraciflua	American Sweet Gum
	<b><u>Landscape setback area:</u></b>	
	Pinus halepensis	Aleppo Pine
	Platanus acerifolia	London Plane Tree
d)	<b>Glen Helen Road:</b>	
	<b><u>Parkway and landscape setback area:</u></b>	
	Eucalyptus species	Eucalyptus
	Schinus terebinthifolius, or	Brazilian Pepper
	Cinnamomum verum	Camphor Tree
e)	<b>Cajon Boulevard and Kendall Drive:</b>	
	<b><u>Parkway:</u></b>	
	Prunus caroliniana	Carolina Laurel Cherry
	Landscape setback area:	
	Pinus canariensis	Canary Island Pine
	<b><u>Major Intersections:</u></b>	
	Olea europaea 'Fruitless'	Fruitless Olive
	Schinus terebinthifolius, or	Brazilian Pepper
	Cinnamomum verum	Camphor Tree
	<b><u>Freeway Edge:</u></b>	
	Medium height (20'-25') dense trees:	
	Cercocarpus betuloides	Mountain Mahogany
	Elaeagnus angustifolia	Russian Olive

**Table 3-2  
Plant Palette**

<b>Botanical Name</b>	<b>Common Name</b>
Quercus species	Oak
Schinus terebinthifolius	Brazilian Pepper
<b><u>Tall trees (40'-45'):</u></b>	
Brachychiton populneum	Bottle Tree
Calocedrus decurrens	Incense Cedar
Cupressus glabra	Smooth Arizona Cypress
Eucalyptus species	Eucalyptus
<b>SHRUBS</b>	
<b><u>Streetscape:</u></b>	
Buxus m. japonica	Japanese Boxwood
Carissa grandiflora	Natal Plum
Juniperus species	Junipers
Leptospermum scoparium	New Zealand Tea Tree
Ligustrum japonicum 'Texanum'	Japanese Privet
Photinia fraseri	Fraser's Photinia
Raphiolepis indica	Indian Hawthorn
Trachelospermum jasminoides	Star Jasmine
Xylosma congestum	Xylosma
<b><u>Major Intersections:</u></b>	
Abelia grandiflora 'Edward Goucher'	Glossy Abelia
Atriplex canescens	Four-Wing Saltbush
Leptospermum scoparium	New Zealand Tea Tree
Pyracantha species	Firethorn
<b><u>Freeway Edges:</u></b>	
Acacia cyclops	N.C.N.
Acacia longifolia	Sydney Golden Wattle
Ceanothus crassifolius	Hoaryleaf Ceanothus
Ceanothus tomentosus olivaceus	Woolly-leaf Ceanothus
Heteromeles arbutifolia	Toyon
Prunus ilicifolia	Hollyleaf Cherry
Prunus lyonii	Catalina Cherry
Rhamnus crocea ilicifolia	Holly-leaf Redberry
Rhus ovata	Sugar Bush
Nerium oleander	Oleander
<b>GROUND COVERS</b>	
<b><u>Streetscape:</u></b>	
Festuca ovina 'Glaucua'	Blue Fescue
Hedera helix	English Ivy
Lantana montevidensis	Lantana
Lonicera j. 'Halliana'	Hall's Honeysuckle
Rosemarinus officinalis 'Prostratus'	Rosemary
Trachelospermum jasminoides	Star Jasmine
Vinca major	Periwinkle
Vinca minor	Dwarf Periwinkle
<b><u>Freeway Edges:</u></b>	
Hedera helix	English Ivy
Lantana montevidensis	Lantana
Vinca major	Periwinkle
Vinca minor	Dwarf Periwinkle
Hydroseed Mix – recommended but not limited to:	
Artemisia californica	California Sagebrush
Croton californicus	California Croton
Eriogonum fasciculatum	Flat Topped Buckwheat
Eriogonum confertiflorum	Golden Yarrow

**Table 3-2  
Plant Palette**

Botanical Name	Common Name
Gazania	Gazania
Lotus scoparius	Deerweed
Oenothera californica	Primrose
Penstemon spectabilis	Showy Penstemon
Phacelia ramosissima	Phacelia
Salvia apiana	White Sage
Salvia mellifera	Black Sage
Senecio Douglasii	Butterweed
Sisyrinchium bellum	Blue Eyed Grass

**ON-SITE LANDSCAPE**

**TREES**

**Entry Driveways/Arrival Areas/Major Building Entrances:**

Albizia julibrissin	Silk Tree
Koelreuteria bipinnata	Chinese Flame Tree
Koelreuteria paniculata	Goldenrain Tree
Lagerstroemia indica	Crape Myrtle
Magnolia grandiflora	Southern Magnolia
Olea europaea 'Fruitless'	Fruitless Olive
Pistacia chinensis	Chinese Pistache
Prunus cerasifera 'Atropurpurea'	Purple-leaf Plum

**Building Perimeter:**

Albizia julibrissin	Silk Tree
Brachychiton populneum	Bottle Tree
Harpephyllum caffrum	Kaffir Plum
Hymenosporum flavum	Sweet Shade
Koelreuteria bipinnata	Chinese Flame Tree
Koelreuteria paniculata	Goldenrain Tree
Magnolia grandiflora	Southern Magnolia
Olea europaea 'Fruitless'	Fruitless Olive
Pinus canariensis	Canary Island Pine
Pinus halepensis	Aleppo Pine
Pistacia chinensis	Chinese Pistache
Tristania conferta	Brisbane Box

**Plaza/Courtyards/Pedestrian Walks:**

Same as Entry Driveways/Arrival Areas/Major Building Entrances selection listing. Additional accent trees and specimen trees are permitted with approval from the County.

**Parking Area/Side and Rear Yard Landscape Setback Areas:**

Cupaniopsis anacardioides	Carrot Wood
Ficus retusa nitida	Indian Laurel Fig
Harpephyllum caffrum	Kaffir Plum
Pinus canariensis	Canary Island Pine
Pinus halepensis	Aleppo Pine
Pittosporum eugenoides	Pittosporum

**Screening for Loading/Service Areas/Outdoor Storage Areas/Large Area of Blank Building Wall:**

Brachychiton populneum	Bottle Tree
Calocedrus decurrens	Incense Cedar
Cupressus glabra	Smooth Arizona Cypress
Pinus canariensis	Canary Island Pine
Pinus halepensis	Aleppo Pine
Prunus ilicifolia	Hollyleaf Cherry
Prunus lyonii	Catalina Cherry



**Table 3-2  
Plant Palette**

Botanical Name	Common Name
<b>SHRUBS</b>	
<b><u>Entry Driveways/Arrival Areas/Major Building Entrances:</u></b>	
Abelia grandiflora 'Edward Goucher'	Glossy Abelia
Buxus m. japonica	Japanese Boxwood
Carissa grandiflora	Natal Plum
Juniperus species	Junipers
Leptospermum scoparium	New Zealand Tea Tree
Ligustrum japonicum 'Texanum'	Japanese Privet
Photinia fraseri	Fraser's Photinia
Raphiolepis indica	Indian Hawthorn
Trachelospermum jasminoides	Star Jasmine
<b><u>Building Perimeter:</u></b>	
Abelia grandiflora 'Edward Goucher'	Glossy Abelia
Agapanthus africanus	Lily of the Nile
Arctostaphylos species	Manzanita
Nandina domestica	Heavenly Bamboo
Photinia fraseri	Fraser's Photinia
Pyracantha species	Firethorn
Trachelospermum jasminoides	Star Jasmine
<b><u>Plaza/Courtyards/Pedestrian Walks:</u></b>	
Same as Entry Driveways/Arrival Areas/Major Building Entrances selection listing.	
<b><u>Parking Area/Side and Rear Yard Landscape Setback Areas:</u></b>	
Ilex species	Holly
Ligustrum japonicum 'Texanum'	Japanese Privet
Myrtus commuis	Myrtle
Prunus ilicifolia	Hollyleaf Cherry
Prunus lyonii	Catalina Cherry
Xylosma congestum	Xylosma
<b><u>Screening for Loading/Service Areas/Outdoor Storage Areas/Large Area of Blank Building Wall:</u></b>	
Eugenia paniculata	Australian Brush Cherry
Heteromeles arbutifolia	Toyon
Ilex species	Holly
Ligustrum japonicum 'Texanum'	Japanese Privet
Myrtus commuis	Myrtle
Prunus ilicifolia	Hollyleaf Cherry
Prunus lyonii	Catalina Cherry
Rhus lancea	African Sumac
Xylosma congestum	Xylosma
<b>VINES</b>	
<b><u>For All Areas:</u></b>	
Doxantha unguis-cati	Cat's Claw
Ficus pumila	Creeping Fig
Grewia caffra	Lavender Starflower
Jasminum mesnyi	Primrose Jasmine
Jasminum polyanthum	N.C.N.
Parthenocissus quinquefolia	Virginia Creeper
Parthenocissus tricuspidata	Boston Ivy
Phaedranthus buccinatorius	Blood-red Trumpet Vine
Wisteria floribunda	Wisteria
<b>GROUND COVERS</b>	

**Table 3-2  
Plant Palette**

Botanical Name	Common Name
<b>For All Areas:</b>	
Duchesnea indica	Indian Mock Strawberry
Festuca ovina 'Glaucua'	Blue Fescue
Hedera helix	English Ivy
Lantana montevidensis	Lantana
Lonicera j. 'Halliana'	Hall's Honeysuckle
Rosemarinus officinalis 'Prostratus'	Rosemary
Thymus	Thyme
Trachelospermum jasminoides	Star Jasmine
Vinca major	Periwinkle
Vinca minor	Dwarf Periwinkle

Additional planting materials are permitted with approval from the County.

The following guidelines address general planting and minimum plant size:

1. Select tree species that are native or drought tolerant with deep root systems, good for windbreaks, structurally strong and insect and disease resistant.
2. Due to the interest in being water efficient, xeriscape principles shall be applied where applicable. The basic principles of Xeriscape are:
  - Start with a good design
  - Group plants with similar water demand and other requirements
  - Improve the soil
  - Use mulch
  - Limit lawn areas
  - Choose low-water use plants
  - Water efficiently
  - Practice good maintenance
3. Trees planted near curbs and building structures shall have a limited root structure and shall be installed in such a manner that will not cause damage to sidewalks, curbs, gutters, and other public improvements.
4. For traffic visibility purposes, the maximum height of shrubbery shall be 30 inches within any parking area and within five feet of any driveway.
5. Size of plant materials shall conform to the following:
  - a) Typical trees: minimum 24-inch box, except Eucalyptus species, which shall be five gallons.
  - b) Specimen trees: minimum 36-inch box.
  - c) Shrubs: minimum one gallon.
  - d) Groundcover: 100% coverage within one year.

**GH3.0130      Irrigation**

1. An irrigation plan shall be submitted for approval prior to issuance of a building permit. The irrigation system shall be operational prior to the issuance of a Certificate of Use and Occupancy. Refer to Chapter 83.10 of the Development Code for further regulations and guidance.
2. Due to the semi-arid climate in the project area, property owners shall make effort to employ a water management program that includes procedures to respond to climatic conditions and to make adjustments to seasonal irrigation demand.
3. Drip irrigation shall be used where possible.
4. Use reclaimed water for landscape irrigation if feasible.
5. Irrigation heads shall not throw water directly into a foundation structure, parking lot, sign face, roadway and pedestrian walkway.
6. Check for leaks in all pipes, hoses, and faucets to prevent water waste.
7. Do not irrigate between the hours of 10:00 am to 5:00 p.m. to avoid evaporative loss.
8. Use mulch, bark at least eight inches wide adjacent to sidewalk and curbs to help eliminate water waste.

**GH3.0135      Preparation & Maintenance**

1. Installation of planting materials shall occur during appropriate seasons and weather condition.
2. All trees shall be secured according to established industry standards.
3. Shrubs and groundcover areas shall be mulched.
4. Landscape maintenance shall include regular watering, mowing, pruning, trimming, edging, fertilizing, clearing of debris, weed control, pest control, the removal and replacement of dead plants, and the monitoring, repair and replacement of irrigation systems.
5. Deceased plants shall be immediately replaced with comparable plants. Replacement plants shall be as close in size to the original as possible.

**Chapter 2: Site Planning Guidelines****GH3.0205 General Provisions**

Site planning guidelines provides standards that address site coverage, floor area ratio, setbacks, building orientation and placement, on-site landscaping requirements, parking and site access. These guidelines are consistent with and support the development standards for each land use designation contained in Division 2, Chapter 4 of the Development Standards of this Specific Plan.

The major principles for an aesthetically attractive and functionally efficient site design can be summarized as follows:

1. Attractive, properly sized and located signages.
2. Create interesting street scenes and on-site spatial experience through variations on building setbacks and placement.
3. Creative landscaping that frames desirable views to the site and screens undesirable views from off-site.
4. Controlled site access.
5. Convenient access and efficient circulation for visitor parking and truck traffic.
6. Articulation of vehicular and pedestrian circulation.
7. Special landscape treatment to enhance building entrance, pedestrian paths and other people places such as plazas and courtyards.
8. Generous and sensible landscaping to provide visual relief and to enhance micro-climate on-site.
9. Large scale development parcels (five acres and above) shall articulate building placement and landscaping to avoid a sea of parking along the street front.
10. Proper screening of parking, outdoor storage, mechanical equipment and loading and service areas.

**GH3.0210 Lot Coverage**

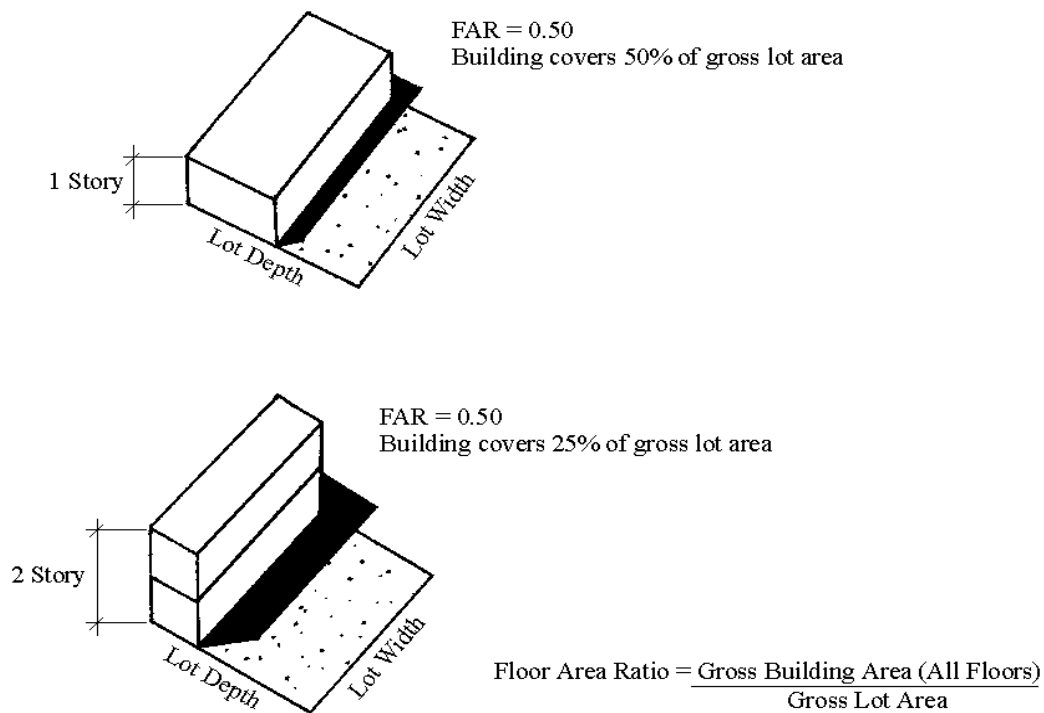
Lot coverage is defined as the building footprint plus the surface area of a lot that is paved divided by the total gross lot area. This would include parking areas and hardscaped outdoor storage areas. Lot coverage varies per individual land use zoning districts. Refer to Division 2, Chapter 4 (Development Standards) of this Plan.

**GH3.0215 Floor Area Ratio**

Floor area ratio is defined as the total building area of all floors divided by the total gross lot area. Floor area ratio varies per individual land use zoning districts. Refer to Division 2, Chapter 4 (Development Standards) of this Plan.

**GH3.0220 Landscape Requirements**

A minimum of 15% of the site is to be dedicated to landscaping (refer to Lot Coverage requirements for individual districts). This includes setback areas, screening and buffers, parking lots, plazas, and building parameter landscape.

**Example of a Floor Area Ratio (FAR) Calculation:**

Example: On a one acre parcel (43,560 sq. ft.), a maximum FAR of 0.50 equates to a total building area of 21,780 sq. ft. in a one or more story configuration.

**GH3.0225 Building Orientation and Placement**

1. Variations on building setbacks is encouraged to create interesting street scenes.
2. Building setbacks shall be in proportion to the site and adjoining development. Taller buildings shall be setback further to lessen visual impact on the street front and on neighboring uses.
3. Development parcels with more than one building structure shall articulate building placement to create opportunities for people space—plazas, courtyards, and pedestrian paths, and to avoid the siting of a continuous sea of parking.
4. Buildings shall be oriented to maximize solar energy efficiencies where possible.
5. Internalize loading and service areas.

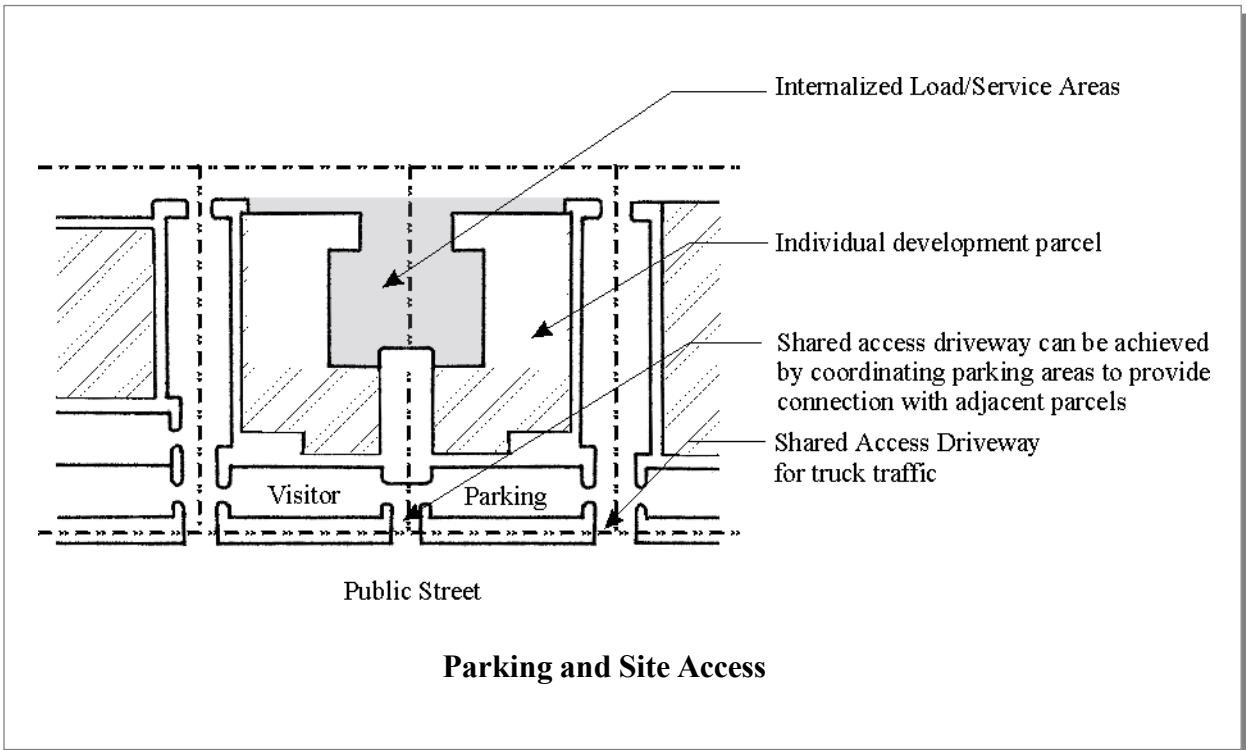
**GH3.0230 Parking**

1. Refer to the Development Code Chapter 83.11 (Parking and Loading Standards).
2. Proposed projects of less than five acres in the Corridor Industrial or Commercial/Traveler Services designations shall provide for a shared access driveway with adjacent development, where feasible, in order to minimize the number of ingress/egress points along Cajon Boulevard and Kendall Drive. In addition, visitor parking areas should be located and designed to connect with adjacent parcels, in order to allow for internal circulation between parcels.

**GH3.0235 Site Access**

1. Access points on all development parcels shall be located to maximize traffic flow efficiency and to minimize the disruption of street side landscaping.
2. Shared access drives shall be coordinated with adjoining properties where possible.
3. Establish adequate separation between access points.
4. Coordinate access points to correspond with median openings where applicable. Right in/right out access shall be provided where no median opening exists.
5. Provide adequate stacking distance at access driveways to avoid traffic back up.

6. Development parcels five acres or larger shall provide a minimum of two access points.



**Chapter 3: On-Site Landscape Requirements****GH3.0305 General Provisions**

1. On-site landscape guidelines apply to the following areas within a project site:
  - a) Landscape setback areas at street frontage
  - b) Site entry driveway and major building entrance
  - c) Building perimeter
  - d) People places
  - e) Parking areas
  - f) Loading/Services Areas
  - g) Landscape setback areas at side and rear property boundary.
2. General principles for on-site landscaping include the following:
  - a) On-site landscaping shall be integrated and complementary to the overall site design.
  - b) Landscaping shall be used to enhance site features such as the entry driveways, arrival areas, major building entrances, special architectural features, pedestrian plazas/courtyards and pedestrian paths, as well as to promote articulation of vehicular and pedestrian circulation. Landscaping also helps to soften the scale of the buildings, provide shade, wind breaks and visual relief to the site, and screening for undesirable views.
  - c) Select plant species that are native, drought tolerant, good wind breaks, clean and structurally strong.
  - d) Due to the semi-arid climate, xeriscape principles shall be applied where applicable (See Division 3, Chapter 1 of the Landscape Architecture Guidelines, subsection Plant Materials).

**GH3.0310 Landscape Setback Areas at Street Frontage**

1. Minimum depth required for the front landscape setback is provided in the landscape setback requirement table (Table 3-1). Landscape treatment for this area is incorporated into the streetscape design guidelines (see Division 3, Chapter 1 of the Landscape Architecture Guidelines). Additional depth to this minimum requirement is encouraged especially where there is no parking area between the landscape setback and the building structure.



2. Where a building is located on the setback line, clusters of trees and informal shrub mass shall be used to soften the architectural scale and to frame special architectural features.

### **GH3.0315 Site Entrance and Building Entrance**

1. Special landscaping treatment at the site entry is only recommended for sites at or over five acres in size. Sites smaller than five acres shall not use accent plant materials at entry drives to avoid interruption of the continuity of streetscape along the roadways.
2. Project signage at site entry must stay clear of the clear sight triangles (see Development Code 83.02.030) and be integrated into the surrounding landscape.
3. For traffic visibility purpose, shrubs planted along the entry driveways shall not be taller than 30 inches. No trees shall be planted within the clear sight triangles (see Development Code 83.02.030).
4. Parking is not allowed along the major entry driveway.
5. Special landscape treatment such as accent plant materials, enriched paving, outdoor art display, and pedestrian lighting are encouraged at formal building entries.
6. Landscape treatment at entry driveway shall respect rules pertaining to the Clear Sight Triangles. Refer to the Development Code 83.02.030 for details. In essence, no visual obstruction including structures, trees and signages shall be placed within the Clear Sight Triangles to provide adequate visibility for vehicular and pedestrian traffic. Shrubs, berms and groundcovers within the clear sight triangle shall not exceed 30 inches in height.

### **GH3.0320 Building Perimeter**

1. Building perimeter landscaping serves to soften building architecture at the ground level. It reduces the visual scale of the building and helps to establish character and identity for the building architecture.
2. A minimum five feet landscape area is required along the front, side and rear of buildings and around service areas.
3. Building perimeter planting shall be coordinated with the building architecture and the overall on-site landscape design.
4. Landscape materials shall include a combination of trees, shrubs and groundcovers.

5. Accent planting materials shall be used at the major building entrances and to frame special architectural elements.
6. Refer to the Plant Palette table in Section GH3.0125 for plant selections. Additional accent plants or specimen trees are permitted upon County's approval.

### **GH3.0325 People Places**

1. People-oriented places such as pedestrian walks, plazas and courtyard features are encouraged to enhance the overall site image and to provide functional and aesthetically pleasing amenities for people to enjoy. These amenities are especially effective in large scale development parcels where there are more than one building on-site.
2. Pedestrian walks are encouraged to facilitate safe pedestrian circulation within individual parcel and to surrounding developments.
3. Plazas and courtyards shall be located and designed as focal points to facilitate people interactions and other activities such as having lunch and taking breaks. Hardscape features such as fountains, sculptural artwork, seating areas, enriched paving and pedestrian lighting are elements that can be used to achieve a distinctive effect in the plazas and courtyards.
4. Refer to the Plant Palette table in Section GH3.0125 for plant selection. Additional accent plant materials or specimen trees are permitted upon County's approval.

### **GH3.0330 Parking Areas**

1. Parking areas at street and freeway frontage must be screened with landscape treatments. This includes shrubs/hedges of three feet minimum, an earthen berm or a combination of both. See streetscape design guidelines section for reference.
2. Parking area landscape materials shall be compatible with adjacent streetscape and overall on-site landscaping.
3. Parking area trees are required at a ratio of one tree per every four stalls.
4. Tree wells or planter bays within paved parking areas must have a minimum planting dimension of five feet.
5. Shrubs are to be used in planter bays to screen parking areas fronting on side and rear property lines, entry drives and pedestrian walkways. All other surfaces within planting areas are to be covered by drought tolerant groundcover.

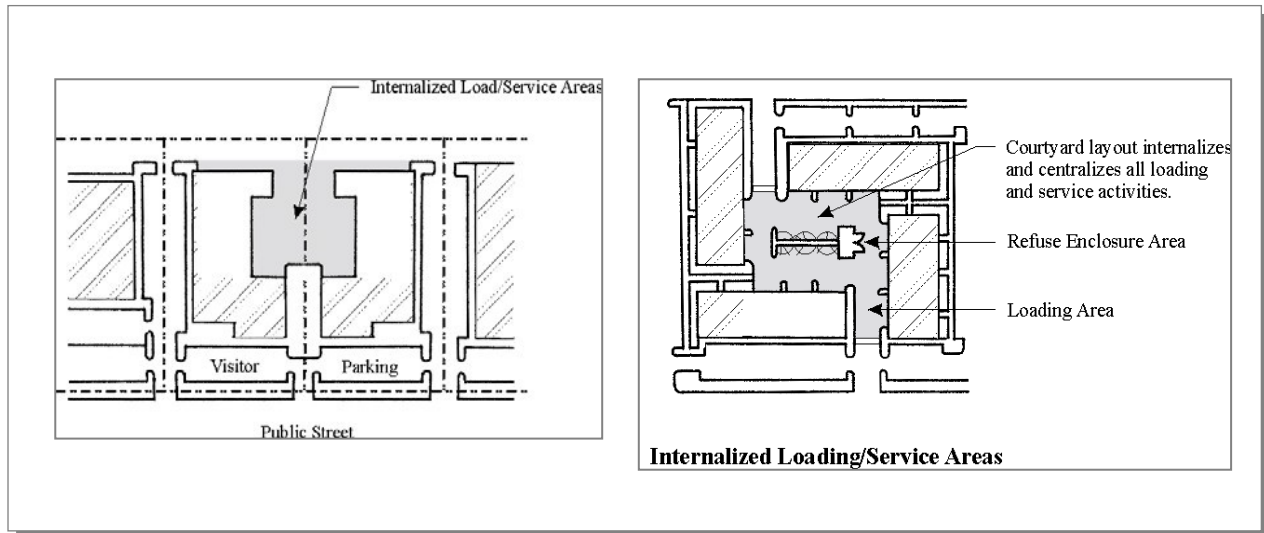
6. Refer to the Plant Palette table in Section GH3.0125 for plant selections.

### **GH3.0335 Landscape Setback Areas at Side and Rear Property Boundary**

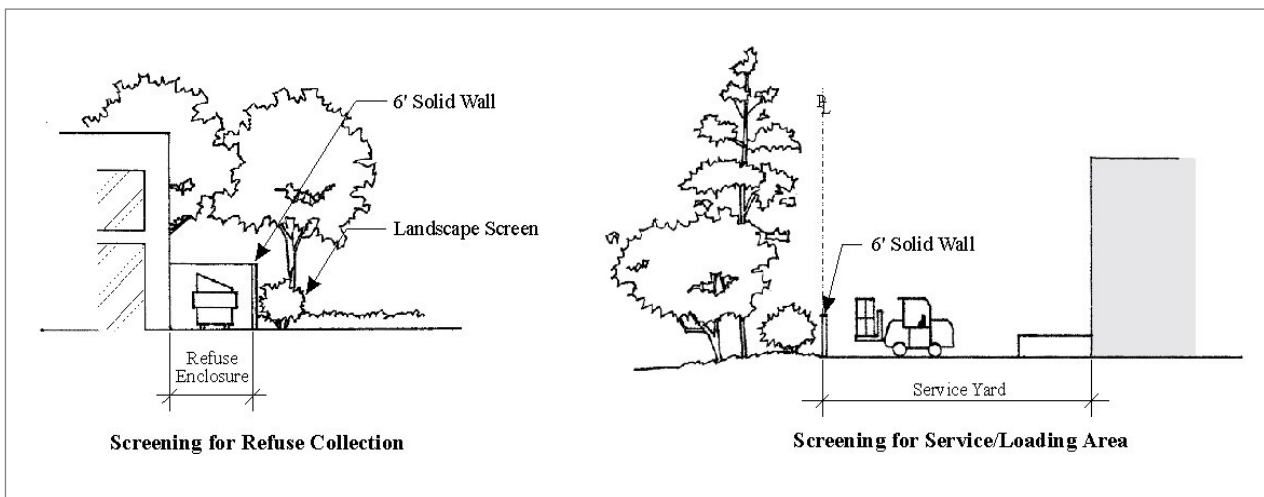
1. Along the rear and side property, landscape treatment varies depending on the use of the site and the use of its adjoining properties:
  - a) Where the rear and side property front onto a street or freeway, see streetscape design guidelines section for reference.
  - b) Where the rear and side property adjoin to a development parcel, a minimum five-foot landscape zone is required. Within this landscape zone, a minimum of one tree per 30 lineal feet is required. Shrub/hedge is optional except where walls or fences are not being used as a buffer. The remaining area shall be covered with drought tolerant groundcover.
2. Finish grades and planting materials must be coordinated with adjacent parcels along common property lines where walls and fences are absent.
3. All parking and services areas along the side and rear property lines must be screened. This can be achieved by a combination of trees, continuous hedge and/or a screen wall.
4. Refer to the Plant Palette table in Section GH3.0125 for plant selections.

### **GH3.0340 Screening**

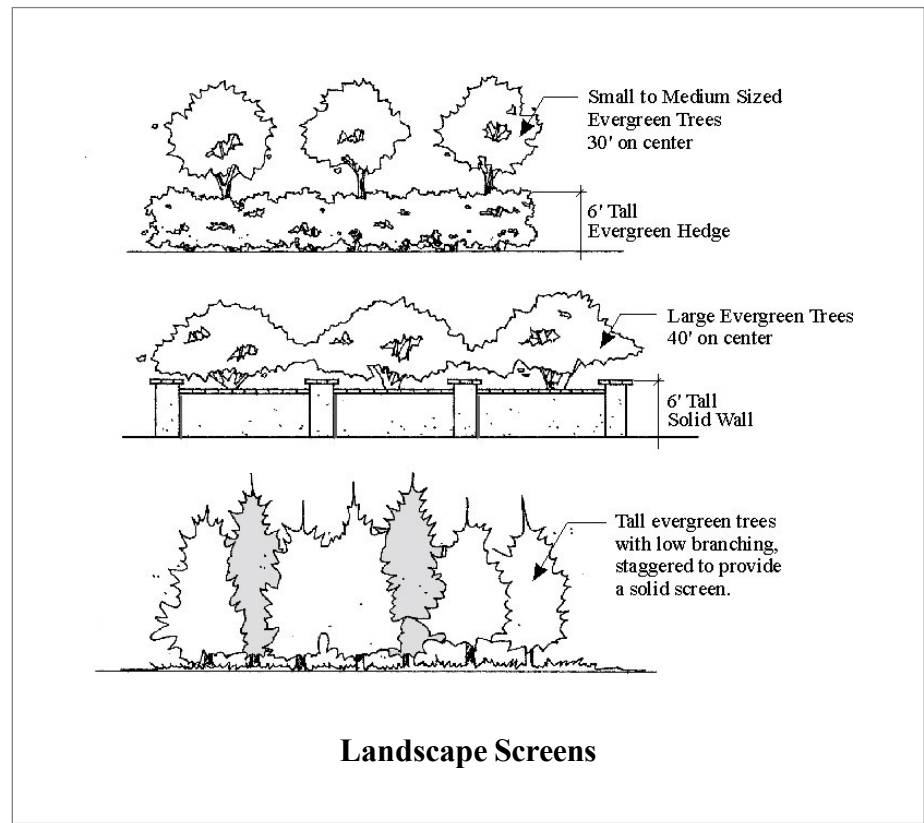
1. To ensure a clean and orderly image within the project area, it is important to properly locate and screen certain exterior elements that could cause undesirable visual impacts to the environment. Such exterior elements include the parking areas, loading/service areas, refuse collection areas, outdoor storage and utilities/mechanical equipment.
2. Screening can be achieved by the use of buffer walls, fences, landscape berms, plant materials or a combination of the above.
3. Parking areas fronting the street and along the side and rear property lines must be screened. This can be achieved by a combination of trees, continuous shrub/hedge and/or landscape berm where applicable.
4. Loading/service and refuse collection areas must be accommodated on-site. On-street loading is prohibited. Loading/service and refuse collection areas shall be located on side or rear areas of a building. These areas are not permitted on street frontages. Wherever possible, a courtyard layout shall be arranged with adjacent buildings to centralize and internalize such areas.



5. Service areas shall be screened with a six-foot minimum dense landscape screen or a combination of a six-foot minimum buffer wall with landscaping materials.
6. Refuse shall be contained in enclosures hidden from street frontages. Refuse enclosure walls shall be six feet in height and constructed of material similar or complimentary to the adjacent buildings. The enclosures shall be located at areas with convenient access for refuse vehicles and shall be of adequate size to hold the trash containers required by the use.

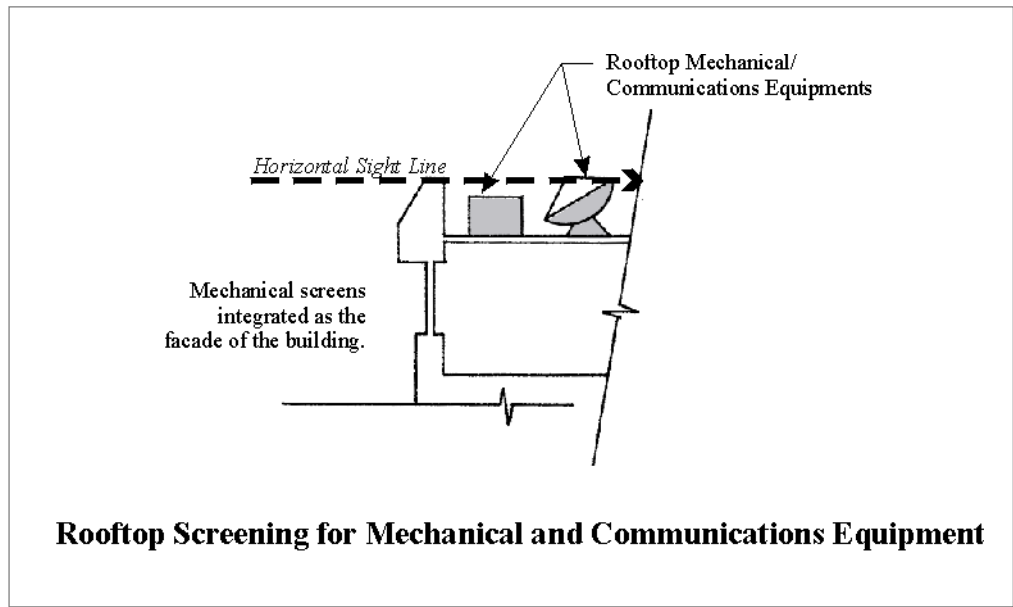


7. Landscape screening can be used as an alternative to a solid buffer wall. Dense evergreen shrubs and evergreen trees with low branching are good candidates for landscape screening. Shrubs shall be five gallons in size and planted in close proximity to create a dense and continuous screen (see plant palette table for species selection). At maturity, such screen shall be opaque from the ground to six feet minimum in height. Where necessary, tall screening trees can be planted at the back to cover additional height. Landscape screen must stay opaque year-round. Examples of landscape screening are illustrated as follow:



8. Materials, supplies, equipment, trucks or other motor vehicles shall be stored inside a building where possible. Outdoor storage shall be confined to areas least visible from streets and behind a barrier screen. Visual barrier can be a dense landscape screen or a combination of screen wall up to 12 feet in height and landscaping materials.
9. All exterior on-site utilities such as water lines, gas lines, sewer and drainage systems, electrical and telephone wires and equipment shall be installed and maintained underground where possible. Necessary aboveground utilities and equipment shall be located behind a shrub screen and combination of screen wall and landscaping materials.
10. The screening for roof top equipment shall be integrated into the overall building architecture in terms of materials, color, form and proportion. All roof screens shall be solid, continuous and wind resistant. The top of

communication devices such as satellite dishes and antennas must be below the top of the parapet or equipment screen to be invisible from the ground.

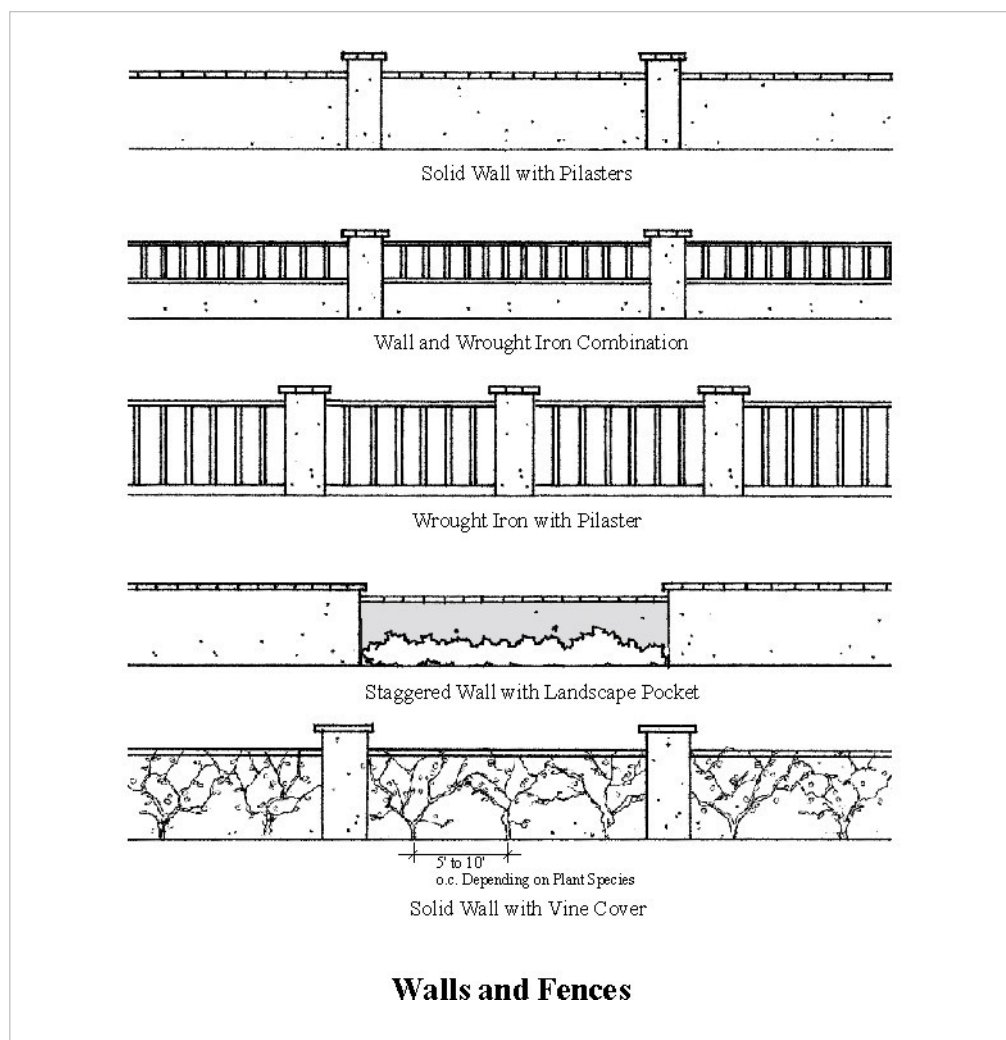


### **GH3.0345 Exterior Walls and Fences**

1. Exterior walls and fences can serve to screen parking, loading/service area, storage areas and utility structure from view off site, as well as to provide security function.
2. Walls and fences are permitted alongside and rear property lines but prohibited within areas reserved for street front landscape setback. Where security fences are required along the street front, it shall be located behind the visitor parking areas to allow opportunity for parking lot connection and shared driveway with adjoining parcels.
3. Walls and fences are to be integrated with and complementary to the building architecture. In particular those that are visible at the street front. They shall be constructed with materials that are complementary to the style of adjacent buildings and incorporate compatible finishes and colors.
4. Avoid long, monotonous walls surface and fences by offsetting to provide landscape pockets. Buffer walls shall be covered with evergreen vine where possible. Vines shall be five gallons in size and planted ten feet on center.
5. Maximum allowable height for walls and fences along property lines is as follows. Heights in excess of these limits are subject to approval by the County.

6. Table 3-3 below establishes the height limits for walls and fences within the Specific Plan area.

<b>Table 3-3</b> <b>Height Limits for Walls and Fences</b>			
<b>Land Use</b> <b>Zoning District</b>	<b>Height Limit for Walls and Fences at:</b>		
	<b>Front and Street Side</b> <b>Yard</b>	<b>Interior Side Yards</b> <b>and Courts</b>	<b>Rear Yard</b>
Corridor Industrial	6 ft. max.	10 ft. max.	10 ft. max.
Commercial <sup>1</sup>	4 ft. max.	10 ft. max.	10 ft. max.
All other	4 ft. max.	6 ft. max.	6 ft. max.
<sup>1</sup> Applies to Commercial/Traveler Services and Commercial/Destination Entertainment designations.			



**Chapter 4: Architectural Guidelines****GH3.0405 General Provisions**

The purpose of architectural guidelines is to create a unique, recognizable and compatible architectural character for the Commercial/Traveler Services, Commercial/Destination Entertainment, and Corridor Industrial land use designations. These guidelines are intended to maintain a sense of overall harmony throughout the project site while allowing individuality of building character.

**(a)  
General  
Guidelines**

1. Buildings shall complement each other through coordination of size, materials, colors, building mass, height, and spatial articulation.
2. Attention shall be given to minimize the visual impact of large-scale exterior wall surfaces.
3. Provision for outdoor “people places” such as plazas and courtyards are encouraged.

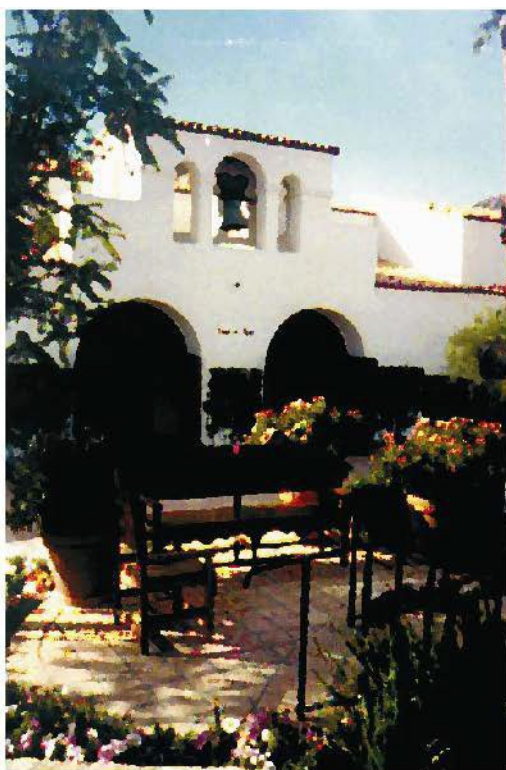
**(b)  
Architectural  
Character**

1. Recommended architectural style for Commercial/Traveler Services and Commercial/Destination Entertainment areas:
  - Tudor revival
  - Spanish/Mission revival
  - Colonial revival
  - Rustic
  - Craftsman
  - Style that reflects the historic influence of Route 66
2. Recommended architectural style for industrial areas:
  - Modern/contemporary style – Building forms shall be clean, simple and of strong geometry.





## **Tudor Revival**



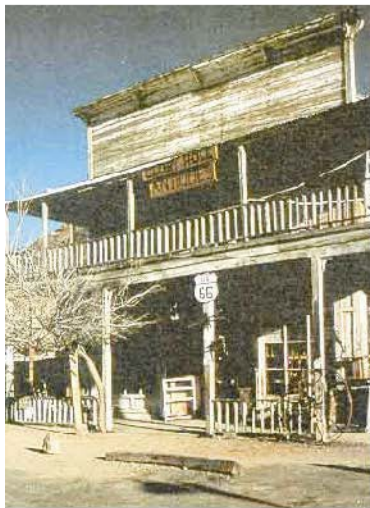
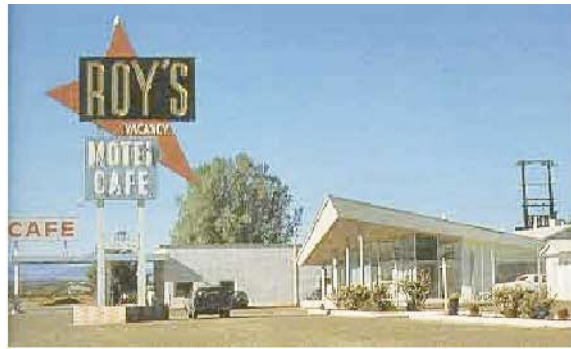
**Spanish / Mission Revival**



**Colonial Revival**







**Architectural Style Along the Historic Route 66**

(Note: Signs shown here may not comply with current standards; refer to Division 3, Chapter 5 of the Signage Guidelines.)

**(c)  
Building Site  
Planning**

1. Building placement, orientation, and massing shall be designed to create visual interest along transportation corridors as well as to provide view potential on-site to surrounding hillsides/mountains.
2. Building placement, orientation, and massing shall be designed to create visual interest along transportation corridors as well as to provide view potential on-site to surrounding hillsides/mountains.
3. Site building properly to ensure efficient and optimum use of a development parcel.
4. Variation in building setback along the street frontage is encouraged.
5. Articulate building mass and open space to create aesthetically interesting and functional exterior spaces such as plazas, courtyards and pedestrian walks through coordinated placement and orientation of buildings.
6. Where possible, internalize and group together service and loading areas back-to-back, creating a central “courtyard” for a shared service zone.
7. Site buildings to minimize the impact of large, continuous areas of at grade parking.

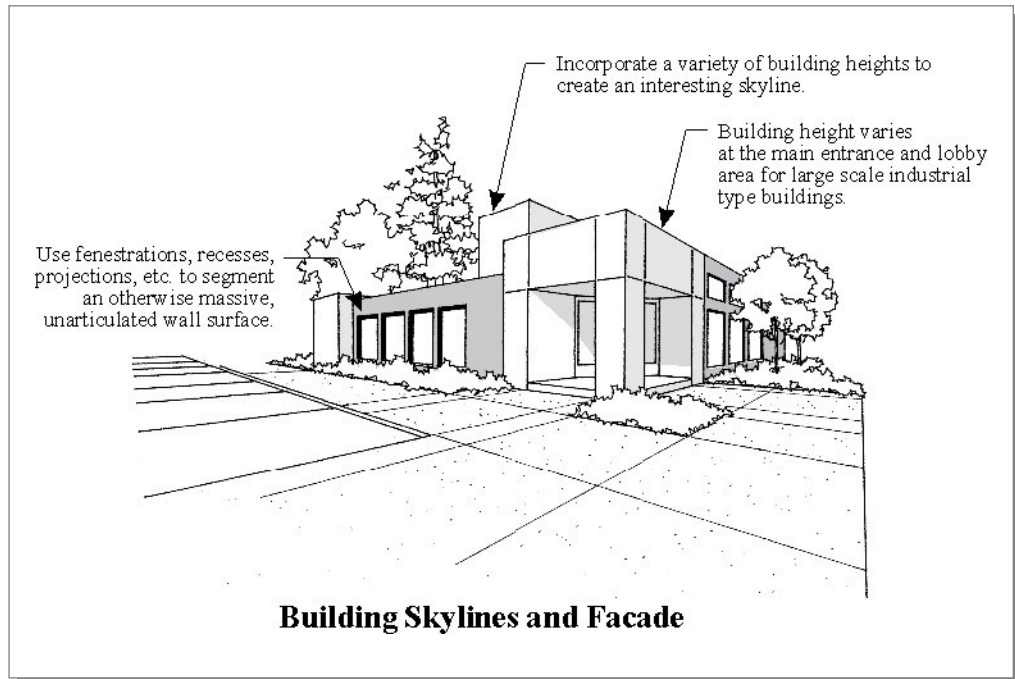
**(d)  
Building  
Heights &  
Skylines**

1. Variation in building height is encouraged to create visual interest and minimize monotony along the street frontage.
2. Buildings in the industrial areas may vary their heights and skylines at the building entrance and lobby area.
3. Commercial/entertainment building complexes may vary their heights and skylines through articulation of architectural features such as towers, chimneys, roof forms and building entrance.

**(e)  
Building  
Façade &  
Details**

1. Architectural façade treatment on buildings shall be consistently applied on all sides, where the property is visible from the I-15 and I-215.
2. Building façade and details shall be designed to convey a hierarchy of order, and to create visual interest through the interplay of light, shadow, color and texture.
3. Define building entrances through the use of building recesses, projections, colonnades, space frame or other appropriate architectural features.

4. Utilize window panels, reveals, recesses, projections and other decorative elements such as molding and arches to segment an otherwise massive, unarticulated exterior wall surface. Additional features appropriate for enhancing building facades in the commercial and entertainment areas are arcades, awnings and porches.



**(f)  
Building  
Materials**

1. Building materials shall be used to enrich the building and to enhance the architectural character.
2. Materials to be encouraged in industrial areas are tilt-up concrete with clear and tinted glass windows.
3. Materials to be encouraged in commercial/entertainment areas are white plaster or stucco, stone veneers and heavy timber woods. Other materials which may be considered for approval are limited use of brick, pre-cast concrete with appropriate detailing, wood used for decorative purposes, and painted metal.
4. Reflective glass and glass curtain wall are not allowed in any land use areas.

**(g)  
Colors**

1. Building colors shall be light and complementary to each other and to adjacent buildings in general. Accent colors shall only be used to add interest at focal areas or architectural elements, such as bullions, reveal, or special features.
2. Base wall colors to be encouraged in industrial areas are white and off-white. Accent colors to be encouraged are grays, blues, brick reds, and greens.
3. Base wall colors to be encouraged in commercial/entertainment areas are white, off-white, warm earth tones such as tans, grays, browns, peaches and other similar hues. There is no specific restriction to the selection of accent colors as long as they are complimentary to the base colors.

**(h)  
Roofs and  
Mechanical  
Screens**

1. Roof design shall be integrated into the overall building architecture.
2. Mechanical equipment and penthouses must be properly screened and such screens shall be integrated with the building façade.
3. All roof screens shall be solid, continuous and wind resistant.
4. The top of communication devices such as satellite dishes and antennas must be below the top of the parapet or equipment screen to be invisible from the ground.

**(i)  
Roofs and  
Mechanical  
Screens**

1. All mounted mechanical equipment shall be screened from public view.
2. Screening of such equipment shall be architecturally integrated with the main structure in terms of materials, shape, color and size.
3. Ducts, pipes, gutters, downspouts, and similar equipment are to be painted to match the surface of the building.

**(j)  
Service Areas**

1. Service areas shall be efficient and internally located. They shall not interfere visually or physically with other building operations.
2. Service areas or trash storage bins shall be screened from view with doors, walls or landscaping.
3. Screening walls for the service areas should be compatible with the main building structure in terms of color, form and materials.
4. Service areas shall be designed to provide for backing and maneuvering on-site and not from a public street.

5. Truck docks, loading doors shall be well organized and integrated into the building design.

6. Cluttered service areas and unscreened mechanical equipment are not permitted.

**(k)  
Ancillary  
Buildings**

1. Ancillary buildings that are detached from the major structures shall relate in a coherent, positive manner. Architectural expression shall be consistent in color, materials, and design.

2. Conflicting building forms and images are not permitted.

**(l)  
Energy  
Considerations**

1. Buildings shall meet state energy efficiency and conservation guidelines for commercial and industrial buildings.

2. Buildings shall be designed and oriented to take advantage of solar access.

3. Use of passive and active devices and techniques such as recessed windows, overhangs, and interior shading devices such as blinds is encouraged.

4. Rooftop solar collectors are allowed if they are visually screened from view and integrated into building design.

5. Use of energy efficiency and conservation systems designed to shift utility demand such as gas and electricity at off-peak hours is encouraged.

**Chapter 5: Signage Guidelines****GH3.0505 General Provisions****(a)  
General  
Guidelines**

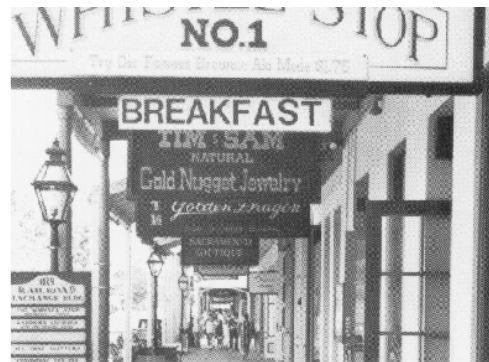
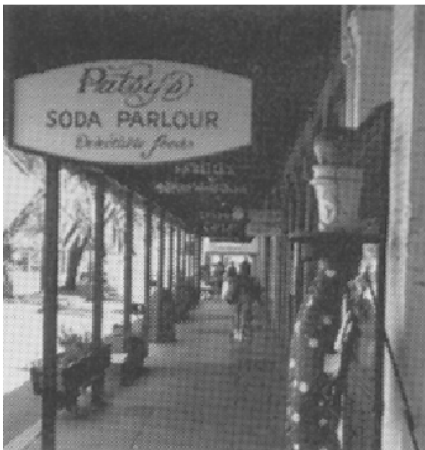
1. Signs must meet or exceed all applicable County codes, unless otherwise specified in this section. Refer to Development Code, Division 3, Chapter 13 (Sign Regulations), for the following topics:
  - Applicability
  - Sign Permits and Exemptions
  - Prohibited Signs
  - On-Site Signs
  - Off-Site Signs
  - Temporary Signs
  - Standards of all Types of Signs
  - Standards for Specific Types of Signs
  - Sign Standards for Specific uses
  - Enforcement
  - Nonconforming Signs
  - Abandoned Signs
2. Signage shall be sufficient to identify the entity associated with the facilities it occupies, but not excessive.
3. All permanent signs shall have a life expectancy of at least ten years. Materials shall not delaminate, distort or deteriorate within this time period.
4. The exposed backs of all signs visible to the public shall be concealed, finished and properly maintained.
5. Lettering for signs shall be compatible to the building architecture style. Size of letters shall be proportional to the sign area for ground signs, and letters on wall signs shall be proportional to the building façade.
6. Signs cannot be painted directly onto a building. They shall be attached, or surface mounted to the building with individual letters.
7. No junction boxes or exposed conduit shall be visible on the exterior face of a sign or building.
8. Disconnect switches shall be concealed within the sign or in other appropriate places that are out of view.
9. Access hatches shall be concealed from view and designed as an aesthetic part of the sign.



- (b) **Other Signs** The following are guidelines for sign types not addressed in the County Development Code but allowed in the Glen Helen Specific Plan project area.

**1. Under-canopy hanging signs**

This sign type is limited to Commercial/Traveler Services and Commercial/Designation Entertainment land use designations. Each tenant may have one hanging sign per store front. Such sign is attached onto a truss or trellis. Tenants are allowed to custom design such sign with a standard frame unit. Maximum sign area is four square feet. Graphics, colors and materials of such sign shall coordinate with the building architecture and the overall design theme of the complex.



**Under-Canopy Hanging Signs**

**2. Window signs**

This sign type is restricted to Commercial/Traveler Services and Commercial/Designation Entertainment land use designations. Two categories of window signs are identified: Tenant window identification sign and Temporary window signs:

a) **Tenant window identification sign**

This sign type is limited to one per tenant. Store name, graphics, typography, and logo may be silkscreened or etched on the tenant's window in white only. Neon sign on tenant window is subject to approval by the County.

b) **Temporary window signs**

This sign type pertains to signs that advertise or promote a special event such as an opening, or offering a new product or service, and are easily removed. This sign type is allowed provided the following criteria is being observed:

- Temporary window sign shall not be put up on a regular basis. Such sign shall not be displayed for more than 14 consecutive days.
- Temporary window signs shall not be painted directly on a windowpane.
- Temporary window signs shall not be illuminated or animated.
- Temporary window signs shall be limited to 50% of the tenant's storefront glass area.

### **3. Marquis Sign**

A freeway-oriented marquis sign announcing upcoming events at the Glen Helen Amphitheater shall be allowed subject to approval of a Conditional Use Permit (CUP).

**Chapter 6: Lighting Guidelines****GH3.0605 General Provisions****(a)  
General  
Guidelines**

1. All outdoor lighting, including spotlights, floodlights, electrical reflectors and other means of illumination for signs, structures, landscaping, parking, loading, unloading, and similar areas shall be focused, directed, and arranged to prevent glare and illumination on streets or adjoining property. Low-pressure sodium, low intensity, energy conserving night lighting is preferred.
2. All exterior lights shall be shielded and focused to minimize spill light into the night sky. Refer to Chapter 83.07 (Glare and Outdoor Lighting) of the Development Code for further regulations.
3. Lights shall be of unbreakable plastic, recessed, or otherwise designed to prevent problems leading to damage and replacement of fixtures. Fixtures shall be vandal proof.
4. Exterior lighting designs shall develop a sense of hierarchy by varying height and fixtures. Proper lighting helps to define the organization of vehicular and pedestrian circulation patterns. Entry areas (both vehicular and pedestrian), public plazas, community facilities, and highly used recreation areas shall be creatively lit to develop a sense of place and arrival.
5. On-site lighting fixtures shall complement building architecture with respect to style, materials and color.

**(b)  
Parking Area  
Lighting**

1. All on-site vehicular circulation and parking lot lighting shall be zero cut-off fixtures.
2. Pole footings in traffic areas shall be six to 24 inches above grade.
3. Maximum pole height for on-site vehicular circulation and parking area is 25 feet.
4. Vehicular lighting levels shall achieve a uniformity ratio of 3:1 (average to minimum) with an average of one foot-candle over the illuminated area and a minimum of 0.3 foot-candle.

**(c)  
Pedestrian  
Lighting**

1. Pedestrian area lighting shall provide clear pedestrian orientation and identify a secure route between parking areas and building entries, and other public pedestrian spaces.
2. Walkway lighting shall be zero cut-off fixtures mounted at a uniform height not to exceed eight feet above the walkway.

3. Building entries shall be illuminated with soffit, bollard, step or other comparable lighting. Step or bollard lighting is used to illuminate level changes and handrails for stairs and ramps.
4. Plaza, courtyards, paths and seating areas shall be lighted to ensure pedestrian safety. A variety of lighting types may be used for interest and special effects that would reflect or enhance the character and function of the area.

**(d)  
Architectural  
Lighting**

1. Architectural lighting effects are encouraged to promote nighttime identity and character within the commercial/traveler services and commercial/entertainment areas, keeping in mind the restrictions of Chapter 83.07 (Glare and Outdoor Lighting) of the Development Code.
2. Exterior architectural lighting shall utilize indirect or hidden light sources.
3. Allowable lighting includes wall washing, overhead down lighting and interior lighting that spills outside.
4. Neon lighting is not allowed.

**(e)  
Service Area  
Lighting**

1. Service area lighting shall be contained within service area boundaries.
2. Lighting shall be zero cut-off type, no tilt.
3. Freestanding fixtures shall be painted the same as parking area fixtures.
4. Wall-mounted fixtures shall be compatible with adjacent wall materials.

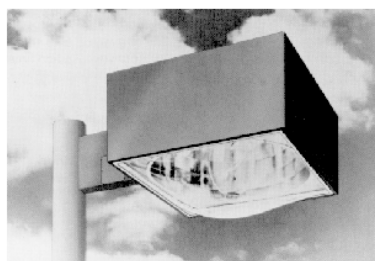
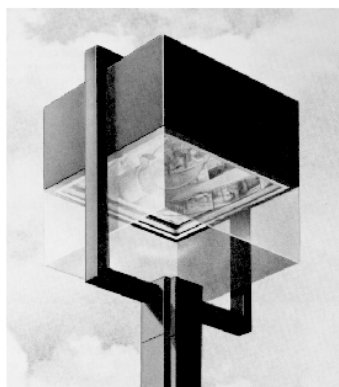
**(f)  
Accent  
Lighting**

1. Accent lighting may be used to highlight architectural elements, landscaping, entries and public areas such as plazas, pedestrian paths or courtyards.
2. Accent lighting used in landscaping and pedestrian areas shall employ light sources such as metal halide or mercury lamps to accurately render plant materials and skin colors.

**Period Lighting for Commercial Areas**



**Contemporary Lighting for Industrial Areas**



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**Chapter 7: Hillside Development Requirements****GH3.0705 General Provisions**

The development standards and design guidelines set forth in this Chapter and Chapter 83.08 of the County Development Code are based on the following policies that are consistent with the Land Use, Conservation, Open Space and Safety Elements of the County's General Plan and shall apply to all projects within the boundaries of this Specific Plan:

Discourage development on land with slopes greater than 30%.

Minimize the alteration of natural landforms and ridgelines, and encourage sensitive development in hillside areas through a variety of means, including: 1) minimizing the amount of cut and fill within a project site; 2) requiring grading contours to blend with natural contours; and 3) encouraging flexible design and innovative arrangement of building sites and architectural design.

Avoid development that would result in fire, flood, slide, erosion, or other safety hazards.

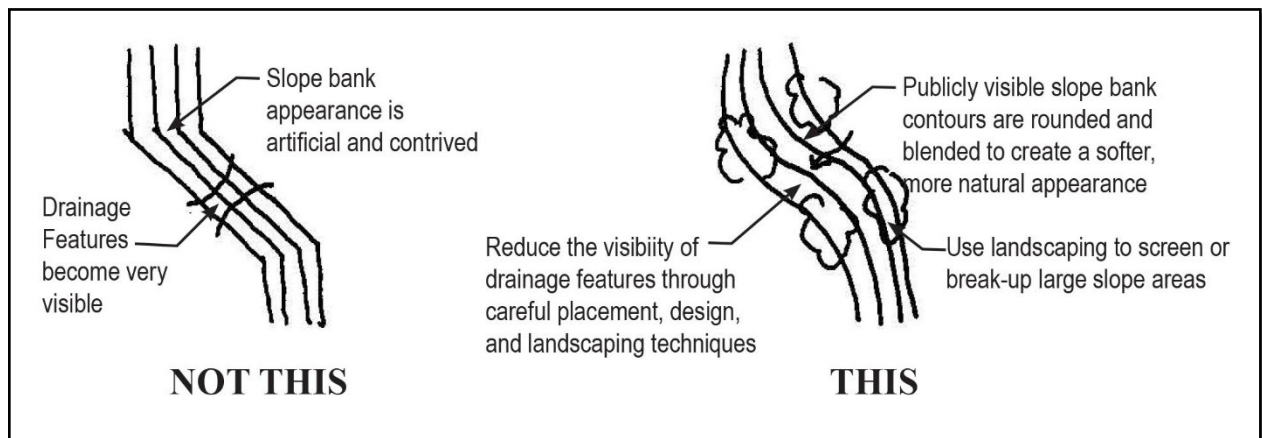
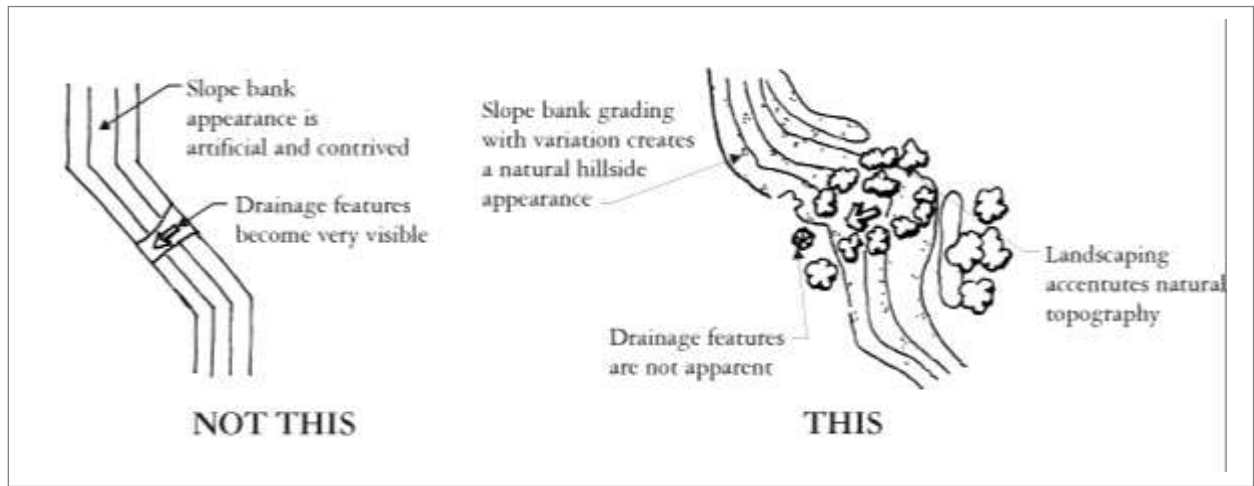
Preserve the most visually significant slope banks and ridgelines in their natural state.

Discourage mass grading of large pads and excessive terracing of hillside areas that are visible from streets and public spaces.

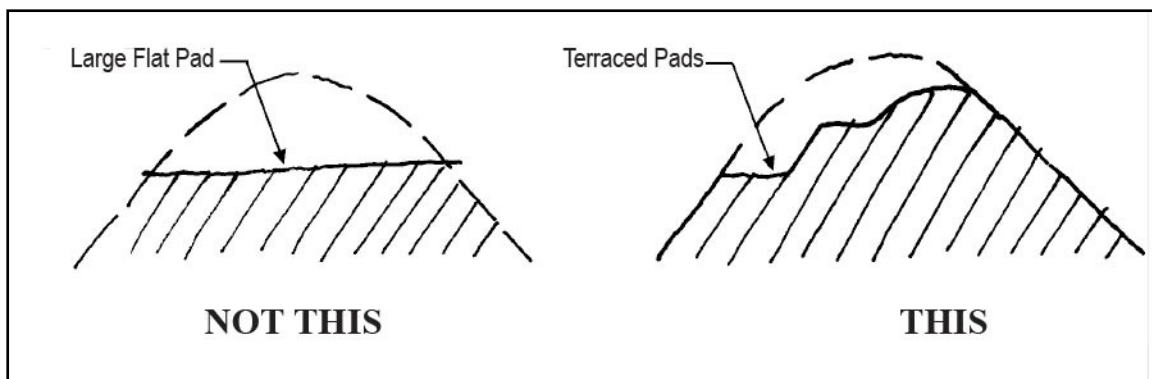
**GH3.0710 Hillside Development Guidelines/Requirements**

The following guidelines are intended to facilitate the appropriate development of hillside areas. They are not intended to restrict an individual from proposing an innovative or alternative method of design in a hillside area, but to ensure that the goals and policies of the Glen Helen Specific Plan and the General Plan are implemented. All proposed projects within a hillside area with natural slopes greater than 15% shall be subject to the guidelines and procedures of this Chapter unless approved with a Hillside Grading Review and in conformance with an approved Planned Development Permit.

Design of building sites should be sensitive to the natural terrain. Structures should be located in such a way as to minimize necessary grading and to preserve natural features such as prominent knolls or ridgelines.

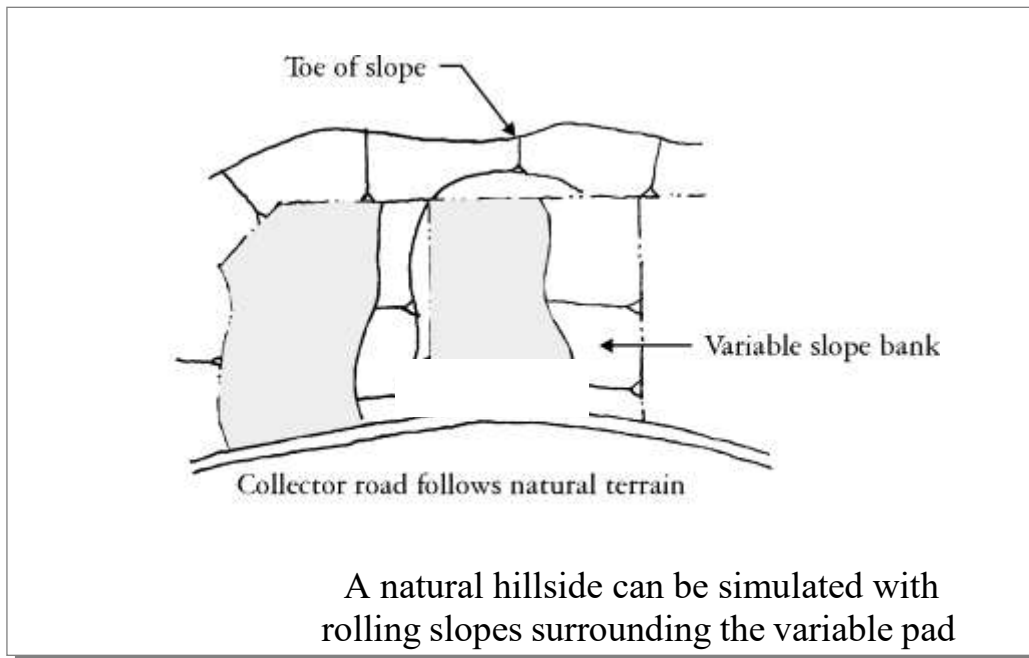


Contour grading techniques should be used to provide variety in the slope bank grading to create a more natural appearance. Hard edges left by cut and fill operations should be given a rounded appearance that resembles the natural contours of the land.

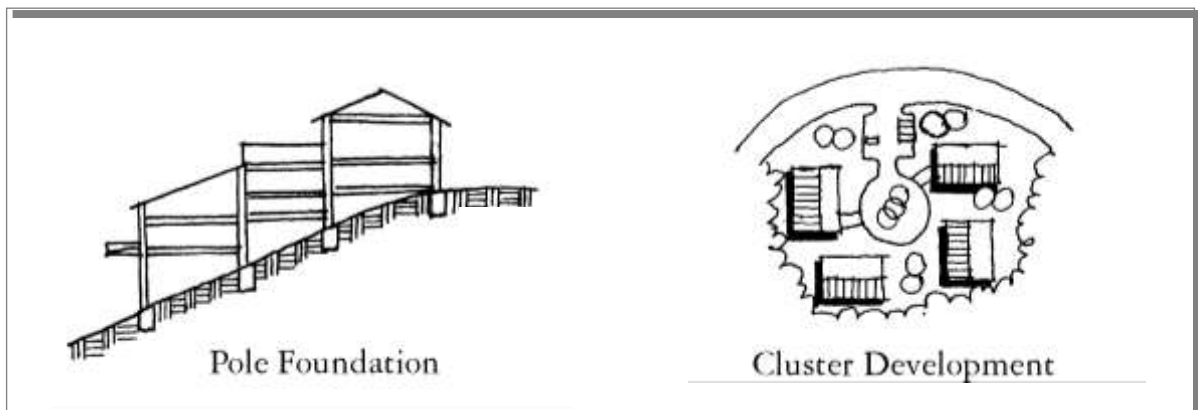


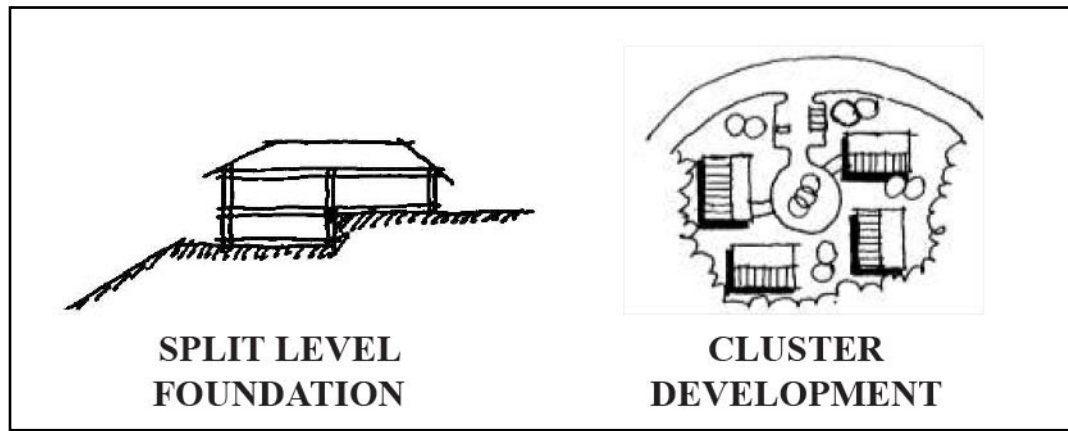
Terraced pads should be used to create development pads in lieu of large flat pads that cut-off the hilltop. Pad configuration should be softened with variable, undulating slopes that simulate the natural terrain.





On slopes over 25% grade, special hillside architectural design techniques are expected in order to conform to the natural landform, including the use of split-level foundations, stepped footings, and clustering of buildings. Front and rear yard setbacks may be reduced in order to minimize grading.





Where a development pad is graded at the foot of the hillside, the back slope shall not exceed a 2:1 ratio. The use of a retaining wall is discouraged; however, should a retaining wall or other support structure be necessary, it should be designed to minimize its visual impact through terracing, crib walls, and appropriate landscaping.

Because of the gateway function of this Specific Plan area, unique landforms shall not be significantly altered. Any proposals to grade a prominent landform shall be subject to a Hillside Grading Review in accordance with Section 83.08.030 of the San Bernardino County Development Code and in conformance with an approved Planned Development Permit.

### **GH3.0715 Additional Submittal Requirements for the Hillside Grading Review**

The project applicant shall submit a soils engineering report performed by a professional soils engineer experienced in the practice of soil mechanics and registered with the State of California. The report shall include data regarding the nature, distribution and strengths of existing soils, as well as recommendations for grading procedures, design criteria, and any identified corrective measures.

The project applicant shall submit a hydrology report that shall evaluate areas of possible inundation, downstream effects, natural drainage courses, and an evaluation of the proposed development and adequacy of the drainage facilities proposed.

Where applicable, the project applicant for a project impacting a unique landform shall submit a view analysis from at least four directions at 90-degree intervals to indicate the extent of landform modification proposed.

## DIVISION 4

### SPECIFIC PLAN IMPLEMENTATION/ADMINISTRATION

**Chapters:**

1. Responsibility .....	4-1
2. Development Processing .....	4-3
3. Nonconforming.....	4-7
4. Post-Disaster Rebuilding.....	4-9
5. Effect on Other Regulations .....	4-11
6. Permits and Licenses.....	4-13
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8. Enforcement .....	4-17
9. Specific Plan Implementation .....	4-19

**Chapter 1: Responsibility****GH4.0105 General Provisions**

The Director of Land Use Services shall be responsible for the administration and enforcement of provisions of this Specific Plan, including: processing assistance, interpretations of provisions, management of the Specific Plan phasing program, approval of subdivisions, Variances and Conditional Use Permits, per Division 5 of the County Development Code, approval of temporary and interim uses, specification of conditions of approval, and authorization of certificates of occupancy for both new development and reuse.

The Planning Commission shall be responsible for approving subdivisions, Variances and Conditional Use Permits per Division 5 of the County Development Code, recommending Specific Plan Amendments to the Board of Supervisors; certifying Environmental Impact Reports, as appropriate; and acting on appeals from decisions by the Director of Land Use Services.

The Board of Supervisors shall be responsible for adopting amendments to the Specific Plan; approving final subdivision maps; approving Planned Development projects; certifying Environmental Impact Reports, as appropriate; and acting on appeals from decisions by the Planning Commission.

**GH4.0110 Appeal**

Any decision of the Director of Land Use Services may be appealed to the Planning Commission. Any decision of the Planning Commission may be appealed to the Board of Supervisors.

**GH4.0115      Interpretations**

If ambiguity arises concerning the meaning or appropriate application of provisions of this Specific Plan, the Director of Land Use Services shall make the appropriate determination. In so doing, the Director shall consider the following factors and document applicable findings accordingly:

1.    The case is similar to previous interpretation of similar provisions;
2.    The interpretation responds satisfactorily to the vision, intent and purpose of the Specific Plan;
3.    The resulting project is consistent with the General Plan;
4.    The decision constitutes a sound precedent for other similar situations;  
and
5.    The interpretation does not alter the policy intent of the Specific Plan.

Determinations of Interpretation shall be maintained in an administrative file accessible to the public and accumulated to document the administrative record of Specific Plan implementation. Upon subsequent amendment to the Specific Plan, the administrative record shall reflect the impact of the amendment.

**Chapter 2: Development Processing****GH4.0205 General Provisions**

The Land Use Services Department will maintain an information handout concerning development processing in the Glen Helen Specific Plan area. The handout will include a checklist of information or special studies that may be required prior to submittal of an application, as well as current information regarding availability of public services and the development of new infrastructure in the Specific Plan area.

The following processing procedures shall be followed for development and reuse within the Specific Plan.

**GH4.0210 Specific Plan Amendment**

A Specific Plan Amendment may be initiated by the Board of Supervisors, the Planning Commission, or, upon proper application, by a property owner or owner's designated representative. An amendment is required to implement any of the following:

1. A proposed change in property from one land use designation to another;
2. New regulations imposed on property not currently imposed;
3. Removal or modification of regulations on property currently imposed;

An amendment to this Specific Plan shall be initiated and processed in the same manner as set forth in the County Development Code Chapter 86.14 (Specific Plan Adoption and Amendment).

**GH4.0215 Subdivisions and Parcel Maps**

All divisions of land shall be processed in accordance with the County Development Code, Division 7 (Subdivisions), as applicable regarding subdivision and parcelization of land, and the State Subdivision Map Act.

**GH4.0220 Variances and Conditional Use Permits**

All applications for Variances and Conditional Use Permits shall be processed in accordance with the County Development Code, Division 5 (Permit Application and Permit Procedures).

**GH4.0225 Minor Use Permit**

All applications for Minor Use Permit shall be processed in accordance with the County Development Code, Chapter 85.06 (Conditional Use Permit/Minor Use Permit). Phased projects and projects proposed on-sites where natural slopes exceed 30% shall not be eligible for Minor Use Permit. Otherwise, the list in the Development Code of uses ineligible for Minor Use Permit shall not apply within the Glen Helen Specific Plan area. Any use permitted by the Specific Plan subject to Minor Use Permit shall be eligible for that application process. As provided in the Minor Use Permit procedures in the Development Code, the Director of Land Use Services shall be the review authority for all Minor Use Permits but may refer any project to the Planning Commission for consideration and final action.

**GH4.0230 Administrative Permits**

The following applications shall be processed in accordance with the County Development Code:

**1. Site Plan Permit**

A Site Plan Permit is required for expansion, alteration or disturbance of land of a previously approved structure or use by no more than twenty-five percent (25%).

**2. Tenant Review**

A Tenant Review is required for minor interior and exterior alterations to a commercial structure.

**3. Special Use Permit**

A Special Use Permit is required for the keeping of exotic animals, home occupation and cottage industry in an existing residential unit, bed and breakfast in an existing residential unit, and small collection recycling facilities.

**4. Temporary Use Permit**

A Temporary Use Permit is required for a variety of temporary (not to exceed 12 months) uses, including residential structures for security personnel, nonresidential structures, construction office, transportable treatment unit, special event, and temporary signs.

**5. Minor Variance**

A Minor Variance is required for minor deviations from Code standards. The procedure contained in the Development Code Chapter 85.17 (Variances) shall be followed but the requested modification shall not exceed 10% of the standard required in the Specific Plan.

**6. Certificate of Land Use Compliance**

A Certificate of Land Use Compliance is required to certify the legal use of property, establish termination dates for nonconforming uses, disclose in public record conditions of operation and any other long-term conditions or restrictions that apply to the subject use or property.

**7. Flood Hazard Development Review or Floodplain Development Standards Review**

A Flood Hazard Development Review and/or a Floodplain Development Standards Review is/are required as a supplemental review(s) to other land use applications when a proposed development is located in a floodway or floodplain.

**8. Pre-construction Inspection**

A Pre-construction Inspection is required to regulate construction of proposed structures within local flood hazard areas that are not within a floodway or floodplain.

**GH4.0235 Planned Development Review**

All applications for Planned Development Review shall be processed in accordance with the County Development Code Chapter 85.10 (Planned Development Permits).

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**Chapter 3: Nonconforming**

**GH4.0305 General Provisions**

All nonconforming lots, uses and structures shall be governed by the requirements of Division 4, Chapter 84.17 (Nonconforming Uses and Structures), of the Development Code.

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**Chapter 4: Post-Disaster Rebuilding**

**GH4.0405 General Provisions**

Rebuilding following a disaster shall be governed by the requirements of Division 6, Chapter 86.15 (Post-Disaster Rebuilding), of the Development Code.

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**Chapter 5: Effect on Other Regulations****GH4.0505 General Provisions**

Where the provisions of the Glen Helen Specific Plan impose a greater restriction upon the use of building or land, or upon the height of buildings, or requires larger open spaces, or any other greater restrictions than are imposed or required by other ordinances, rules, regulations or by easements, covenants or agreements, the provisions of the Specific Plan shall control.

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**Chapter 6: Permits and Licenses****GH4.0605 General Provisions**

No County-issued licenses or permits shall be issued for uses or buildings or purposes where the same would be in conflict with the provisions of the Glen Helen Specific Plan or the County General Plan. Any such license or permit, if issued in conflict with the provisions hereof, shall be null and void and shall not support any claim to a vested right to develop.

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**Chapter 7: Severability**

**GH4.0705 General Provisions**

If any section, subsection, subdivision, sentence, clause, phrase, exhibit, table or portion of this Specific Plan is found to be invalid or unconstitutional by a court having jurisdiction, such decision shall not invalidate the remaining portions in whole or in part of the Specific Plan.

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**Chapter 8: Enforcement****GH4.0805 General Provisions**

The regulatory portions of this Specific Plan have been adopted by Ordinance and therefore are subject to penalty provisions of the San Bernardino County Code. Specifically, violations of land use development standards shall be subject to penalty and citation procedures of the Code, in addition to the County's authority to seek civil litigation in a court of law.

Subdivision map, parcel map, variance, Conditional Use Permit, building, or other permit conditions imposed pursuant to this Specific Plan shall also be subject to penalty provisions and citation procedures of the San Bernardino County Code.

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**Chapter 9: Specific Plan Implementation****GH4.0905 General Provisions**

Implementation of the Glen Helen Specific Plan involves appropriate phasing of infrastructure when needed to serve new development. A Phasing Plan has been created below that addresses timing, sequence, and collaboration with other entities for water, sewer, and circulation improvements. The key ingredients to implementation are the financing options that are available to the County as further development is undertaken in the Specific Plan area. The recommended use of these financing mechanisms is summarized below. Implementation will also necessitate update to the Glen Helen Regional Park Master Plan and Sheriff's Master Plan. Update recommendations are provided below for these two important documents that guide activities within a large portion of the Specific Plan area. Finally, implementation involves the revitalization of many existing properties to improve attractiveness and marketability of the area. Many revitalization techniques are available to the County as indicated below. Upon adoption of this Specific Plan, a revitalization strategy will be prepared and pursued by the County.

**GH4.0910 Phasing Plan**

The purpose of this Phasing Plan is to achieve optimum timing of infrastructure facilities and services in support of development and redevelopment in the Specific Plan area. This is a challenging proposition because of the extreme diversity of uses, property sizes and configurations, and ownership patterns within the area. Moreover, much of the phasing is based upon or requires coordination with adjacent City of San Bernardino infrastructure systems. In some cases, infrastructure phasing is related to development outside the Specific Plan area that may or may not happen or may occur long after development within Glen Helen has been completed, based on internal infrastructure options. The primary focus of this Phasing Plan is on water and sewer facilities. They are essential for expanded development.

Circulation phasing is addressed generally and is subject to somewhat greater flexibility. Drainage is not covered in this Phasing plan other than to note that drainage improvements related to any specific project will need to be the subject of conditions on that project unless they have been accomplished as part of the Master Plan of Drainage.

Relating land use development to the provision of essential infrastructure is common practice in Southern California. However, because so much of the demand for service here is related to public uses on public property within the Glen Helen Regional Park, the challenge is further complicated. The strategy for addressing this issue involves breaking the phasing program into increments that allow for considerable flexibility in implementation. Each phase is further divided into stages that are, for the most part, interchangeable in sequence so that any stage may precede any other if development initiatives so require. Wherever possible, opportunities for public and private partnerships

are identified so that private development projects and regional park improvements can be achieved in the most cost-effective manner.

In effect the entire Specific Plan area, except for the Cajon/Kendall corridor, is divided into self-contained geographic units that constitute the lowest common basis for implementing infrastructure improvements.

As noted below in Sections GH4.0920 and GH4.0925, certain aspects of phasing will need to be refined and detailed as updates for the Regional Park and Sheriff's Master Plans, respectively, are completed. In the meanwhile, this Phasing Plan will be the basis for water and sewer improvements.

Water and sewer system phasing plans are summarized below. It should be noted that the increments described are somewhat uniform in scope, allowing for a somewhat equal phasing of financing. However, it is also possible to combine stages where development activity justifies that action and thereby achieve some cost efficiencies.

### **1. Phase I**

- a) Stage 1 – Commercial/Destination Entertainment between Glen Helen Parkway and I-15
  - Two new 16" water lines
  - Two new 12" sewer lines
- b) Stage 2 – Commercial/Traveler Services northwest of I-15 on Glen Helen Parkway
  - New 200,000-gallon water tank
  - New 12" water line
  - New 8" sewer lines
  - New sewer lift station
- c) Stage 3 – Commercial/Destination Entertainment along Glen Helen Road and southeasterly of Glen Helen Parkway
  - New 400,000-gallon water tank
  - New water well
  - New water boost pump
  - New 12" water line
  - 400,000-gallon additional capacity in Sheriff's sewer treatment facility
  - New 12" sewer transmission main
  - New 8" sewer line
- d) Stage 4 – Open Space/Active along Glen Helen Road
  - Additional 200,000-gallon water storage
  - New 12" water line
  - Additional 200,000-gallon capacity in Sheriff's sewer treatment facility

- New 8" sewer line
- e) Stage 5 – Destination Recreation along Glen Helen Road, extended.
  - Additional 200,000-gallon water storage
  - New 12" water line
  - Additional 200,000-gallon capacity in Sheriff's sewer treatment facility
  - New 8" sewer line

## **2. Phase II**

- a) Stage 1 – Commercial/Traveler Services and Corridor Industrial northerly of Cajon Wash
  - Additional 200,000-gallon water storage
  - New 12" water line
  - Additional 200,000-gallon capacity in Sheriff's sewer treatment facility
  - New 8" sewer line
- b) Stage 2 – Commercial/Traveler Services along Cajon Boulevard in the Devore area
  - Additional 200,000-gallon water storage
  - New 12" water line
  - Additional 200,000-gallon capacity in Sheriff's sewer treatment facility
  - New 8" sewer line

## **3. Phase III**

Commercial/Traveler Services and Corridor Industrial along Cajon Boulevard and Kendall Drive. Services to this area will be provided by connection to the City of San Bernardino water and sewer systems.

## **4. Phasing Guidance**

Several considerations must be part of each phasing decision. They include the following:

- a) Cost

While each stage reflects a minimum cost scenario, there may be efficiencies in completing two or more stages concurrently. This will be a function of the amount and location of development that is ready to go forward and the financing environment at the time the decision is made.

b) Timing

It is essential that the designated facilities be in place concurrent with development occupancy. However, there may be advantages to completion of some facilities in advance of development if cost savings can be thereby achieved.

c) Sequence

Since Stages are somewhat independent, they may be interchanged in sequence. However, this may require consideration of combining stages because of location in the eventual system. Again, the issue is overall cost savings versus minimizing incremental financing requirements.

d) Public/Private Collaboration

Opportunities for sharing of costs by public and private property owners should be considered wherever possible. While the phasing strategy is designed to operate if such arrangements do not occur, any such opportunity should be pursued if at all possible.

e) Water Capacity

Monitoring and validating supply is an essential first step in planning the implementation of each stage related to water systems. It may be necessary to consider adding a well to the current system. A specific study as to the optimum well location would be required in this eventuality. A site location within either the Sycamore Flats area or the Sheriff's facility could be tied into the existing and proposed water mains and storage reservoirs. The Colorado River and Northern California State water is also available. Infrastructure cost effectiveness will ultimately determine each individual water source.



## **5. Circulation Phasing**

The circulation system is generally adequate to handle normal traffic flows under current and projected conditions. The most critical problem relates to peak flows associated with entertainment events. This issue is best handled by traffic management during those periods. It is highly desirable; however, to achieve all-weather accessibility to the Sheriff's facilities and augmented access to the entertainment/recreation facilities to maximize access options, especially during peak periods.

The following priorities are proposed, as resources can be made available or in association with development projects as noted:

- a) Installation of the median improvements along Glen Helen Parkway adjacent to Glen Helen Regional Park should be made as soon as possible. Event management planning should be re-evaluated to accommodate the landscaped median as established in the Design Guidelines of this Specific Plan. Final design and implementation should satisfy both design objectives and traffic management during events. This can be accomplished in phases, with the final phase to be completed in association with development of each increment of development in Community/Destination Entertainment or Open Space/Active designations.
- b) The proposed Levee Road should be installed as soon as possible, irrespective of project development.
- c) Signage and policing of Glen Helen Parkway should be instituted to suppress the amount of bypass traffic using this route.
- d) Emergency access for the Sheriff's facilities will be a required condition of approval for any development on the Lytle Creek side of County property.
- e) The County and City of San Bernardino should cooperatively devise and implement an improvement strategy for the improvement of Institution Road, if not as an all-weather road, at least as a jointly maintained facility because of the mutual benefit associated with operation of the Sheriff's facilities.
- f) Improvements to ultimate standards shall be a condition of approval on development along Cajon Boulevard and Kendall Drive. In the former case, this may involve a cooperative City/County project concurrent with improvements related to the CalMat project in the City, subject to reimbursement as individual properties develop.

- g) Long-term improvements to significantly improve overall flexibility in access to the area and unburden the substandard interchange at Glen Helen Parkway/Cajon Boulevard with I-215 include:
- Addition of a new interchange as noted on the Specific Plan; and
  - Establishing a grade separated crossing of Glen Helen Parkway over the rail line, as well as affording a truly all-weather crossing of Cajon Wash.

The considerable cost of each of these improvements is acknowledged and they should become part of a long term and sustained strategy by the County, in collaboration with the City of San Bernardino, CalTrans and SBCTA to achieve these improvements.

#### **GH4.0915 Revitalization Strategies/Recommendations**

##### **1. Recap of conditions in the Plan area**

Existing conditions relative to land use and revitalization include the following:

- Many of the privately owned parcels are small, making comprehensive development challenging. Parcels along the north side of Cajon Boulevard are predominantly narrow, deep lots, one acre in size and absentee ownership is about 50%. Parcel assembly is a major constraint to private sector development. The existing uses are a mix of residential, industrial, commercial (some abandoned), and vacant properties.
- There is an unusual mixture of uses--public and private--that raises issues of land use compatibility and market potential. There are the park and sheriff uses that are public. There are also residential uses, primarily single-family houses. There are scattered commercial uses, including restaurants. There is a range of industrial uses, including a large flour mill operation, junk yards, vehicle repair, impound yard, and construction equipment storage.
- Blight conditions within Devore and the Cajon and Kendall Corridors are widespread and can discourage new investment.
- Code violations are an ongoing problem, especially of the unsightly conditions, trash, and lack of maintenance variety. There are numerous properties that contain inoperable vehicles, old appliances, and other unsightly materials. The same or other properties have dead vegetative materials and weeds in various locations. There are also numerous structures that are not maintained, and some are unused and with windows and doors boarded. Still others have been vandalized.

- Views from I-215 and I-15 are not all attractive. Currently there are several areas where there is direct view of unsightly storage areas. Many of these are in rear yard areas along I-215. These will constitute a violation of the regulations and guidelines of the Specific Plan and need to be eliminated.
- The County Cajon Disposal Site is a significant portion of the Cajon/Kendall Corridor but cannot be used to stimulate economic development.
- Calmat sand and gravel recovery operations with their truck traffic may limit the types of commercial and industrial attracted to the area. Calmat has approval from the City of San Bernardino to excavate and process materials in portions of the Cajon Wash adjacent to the southern portion of the Specific Plan area. Calmat will be using Institution Road for its large vehicles.
- The open space in the area is not all attractive. The more remote areas and hills of Glen Helen Regional Park provide scenic views as well as partially usable open space, as do the hills and canyons on the north side of I-15. Some of the park hills in the southern section have been graded or otherwise denuded of vegetation by off road vehicle use and are unattractive. Some other open spaces are also not particularly beautiful to view, including portions of the Cajon Wash, areas used for overflow park parking, and various vacant parcels.

## **2. Relationship of Land Use Changes to Conditions (2005)**

The Specific Plan land use map changes land uses and designations as follows:

- Cajon and Kendall Corridors would change from residential to light industrial.
- Kendall Corridor (along Cajon) would change from heavy industrial to light industrial (but with some heavier industrial overlays).

- Commercial would expand some at Palm; other commercial on Kendall just north of Palm would change to light industrial.
- A small amount of commercial on Cajon near Glen Helen Parkway would change to light industrial.
- Cajon Canyon areas would change from Resource Conservation (RC) to Destination Recreation, which would still allow very low density residential development and development under the PD (Planned Development) option.
- All Glen Helen Regional Park County-owned land would change from Institutional (IN) to various types of Open Space and Commercial/Destination Entertainment.
- Lower Glen Helen Parkway area would change from Rural Living—five acres minimum lot size (RL-5) to Destination Recreation (carefully regulated by grading and view overlays).
- Sycamore Canyon and Flats would change from Rural Living—20 acres minimum lot size (RL-20) to Golf Community and Commercial/Travel Services.

### **3. Recommendations for Revitalization**

The overall strategy to effect revitalization of the Specific Plan area is to combine all feasible revitalization techniques into a package of actions that will be applied over a determined period of time. The following are recommendations for a revitalization package:

- a) A Code Enforcement program should be initiated based on an area-wide surveillance (not just on a complaint-basis) to correct code violations such as:
  - Trash containers in roadway
  - Unsightly conditions, including lack of maintenance, trash, abandoned vehicles
  - Commercial conditions, including unmaintained signs, fences, and structures and boarded-up structures
  - Industrial junk yards
- b) A tree planting program should be established in the right-of-way area along I-215 to improve the appearance from the freeway.
- c) The standards of the Specific Plan should be applied to assist transitions from residential to industrial and commercial, and non-conforming uses to preferred uses.

- d) Abandoned, boarded-up, and unmaintained structures should be removed and sites cleaned up so that they are more attractive to buyers and make a more attractive transition neighborhood.
- e) The County Economic Development Agency should provide information and assistance to existing and potential industrial development with their programs of:
  - Tax-exempt Industrial Development Bond Financing
- f) The Cajon Disposal Site should have a reuse study completed and the site should be investigated for temporary uses in the interim.
- g) The County Yard on Glen Helen Parkway, the Park storage yard, and the soil/asphalt plant behind the County Yard should be removed as soon as possible. There may be relocation sites for these uses within the Specific Plan area.

#### **GH4.0920      Update Recommendations for the Glen Helen Regional Park Master Plan**

The Glen Helen Regional Park Master Plan was adopted in 1986. Numerous aspects of the plan are out of date irrespective of the further changes implied by this Specific Plan. The 1986 Master Plan must be updated to reflect: 1) changes in status and circumstances since its adoption, and 2) provisions in this Specific Plan that directly or indirectly affect park uses, location of uses, and support systems. It is important to note that the Park Master Plan must take into consideration the factors related to adjacent private property, because there must be a synergy between the public and private holdings. An RFP for the Glen Helen Regional Park Master Plan was advertised in July of 2005. The following list indicates a preliminary agenda for attention in the update.

##### **1. Land Uses**

Land use designations that clarify intended patterns and intensities of use potentials in and around the Regional Park require commensurate clarification and detailing in the Master Plan update. While the overall pattern of uses is not radically changed in the Specific Plan, there are some notable changes in certain areas.

- a) Predominant among these designations is the Commercial/Destination Entertainment designation that encompasses not only the Amphitheater facility, but an even larger portion of the Park between Glen Helen Parkway and the I-15 Freeway on either side of Glen Helen Road.

- b) A second major impact area is the Open Space/Active designation. It encompasses open space and entertainment/recreation activities such as the Festivals and numerous smaller recreation activities. At the same time, the open space values of the park must be preserved in and around these uses.
- c) Remaining portions of the Park are simply more clearly defined and should be reflected in the Master Plan Update. Key among them is the Public Facility designation for the Sheriff's facilities. As the plans for that area evolve, they need to be reflected in the Park Master Plan. An example is the proposed bomb detonation area, which significantly impacts the noise and safety conditions the Park plan must take into consideration.
- d) A further implication of the land uses is the management aspects of the Regional Park plan that must be addressed in the update. The proposed uses suggest an even more sophisticated management program than is represented by the Amphitheater and Glen Helen Off-Road Vehicle Park because of the range of potential visitor serving commercial uses envisioned (e.g., hotels, RV campgrounds, etc.).
- e) While not a part of this Specific Plan, the potential for major residential development to be considered adjacent to the Park in the Lytle Creek area must be carefully evaluated in terms of Master Plan implications. In particular, access, infrastructure phasing, use constraints on parkland, and aesthetic impacts are critical factors to be reflected in the update.

## **2. Circulation**

Major deficiencies in circulation need to be corrected in order for the Park to function on a year-round basis and accommodate the range of uses proposed. This relates not only to peak period surges of traffic related to entertainment events, but to the sustained levels of activity associated with this area becoming a destination recreation center. In addition, support for the Sheriff's facility is a critical dimension of the need for circulation improvement.

## **3. Infrastructure**

Major deficiencies in water and sewer facilities must be corrected for the levels of development now envisioned in the Specific Plan to occur. This is true of both public and private holdings. The Master Plan update must reflect the necessary infrastructure systems improvements and phasing options.

#### **4. Sheriff's Master Plan**

This is, in effect, a "plan within a plan" that defines the potential improvements and activities within this substantial Sheriff's complex. To the extent that the needs of the Sheriff's facility and the Regional Park overlap in the areas of open space use and management, access and infrastructure, the Park Master Plan update needs to reflect these mutual considerations.

In effect, the Glen Helen Specific Plan and the Regional Park Master Plan update are both obliged to implement the San Bernardino County General Plan. In addition, since the Specific Plan seeks to integrate public and private development patterns within the planning sub-area, an update of the Park Master Plan must be accomplished in order to achieve internally consistent implementation of the General Plan.

#### **5. Signage**

The update of the Park Master Plan should also include a special signage program that addresses the unique signage needs of the various uses and events at the Regional Park. Signage types, sizes, and designs should be comprehensively addressed for the various land use types and activities at the Park.

### **GH4.0925 Update Recommendations for the Sheriff's Master Plan**

The Sheriff's complex in the Glen Helen area will provide world-class law enforcement training as well as a jail and other law enforcement related facilities. It is becoming an ever more comprehensive array of specialized facilities, all reinforcing the law enforcement and rehabilitation functions demanded of the Sheriff. The areas of update required of the Sheriff's Master Plan have already been identified in the Regional Park discussion insofar as the Glen Helen Specific Plan is concerned. To summarize, they include:

#### **1. Land Use**

The key land use issue is to locate and design functional facilities on the Sheriff's site to minimize off-site impacts and, at the same time, influence off-site development and activities so that they do not conflict with necessary Sheriff's operations. The intent is to facilitate maximum effective use of this facility and, at the same time, integrate with the Regional Park and its functions. The update to the Sheriff's Master Plan should take these considerations into account.

#### **2. Circulation**

All weather and emergency access to the Sheriff's complex is imperative and is now inadequate because there is only one route to it (Institution Road) and it is subject to severe flooding. The longterm circulation concept for the Specific Plan addresses this situation in two

ways: 1) by installing a levee road above the flood level along Cajon Wash between Institution Road and Glen Helen Parkway; and 2) designating an emergency access road through the Lytle Creek property that would eventually be completed as development occurs there. These improvements would take the pressure off Institution Road. The Master Plan update should indicate the provisions for connecting to these routes.

### **3. Infrastructure**

Water and sewer improvements are critical to the long-term operation of this facility. As growth in the Sheriff's complex continues and surrounding development occurs, it will be essential to coordinate the infrastructure design, financing and construction. The Master Plan update should incorporate a strategy for coordinating infrastructure improvements with the Infrastructure phasing components of the Specific Plan.

### **4. Regional Park Master Plan**

Implications of changes in the Regional Park and the Sheriff's complex should ideally be explored jointly between the responsible departments. While it would be preferable to conduct Park and Sheriff's Master Plan updates concurrently as a "package," it is not absolutely essential. The Specific Plan provides an overview of the integration intended by these two plans. It is possible, though more difficult, to pursue each update separately. In any case, the intent would be to achieve internal consistency with the entire Glen Helen implementation program and these two master plans are key instruments for accomplishing that.

## **GH4.0930 Financing Action Program**

The components of the Financing Action Program are intended to assure the availability of timely funding for all major backbone public improvements necessary to develop the Glen Helen Specific Plan ("Specific Plan"). In particular, Psomas Engineering has determined that approximately \$11.5 million in sewer and water improvements will need to be constructed as development occurs within Phases I and II of the Specific Plan. An analysis of several financing mechanisms which could fund these improvements is included in the Glen Helen Public Facilities Financial Plan ("PFFP"), which is available under separate cover at the County Planning Division. Based on the conclusions of the PFFP, the following recommendations should be considered as further development is undertaken within the Specific Plan:

- A County Services Area should be established to provide public services within the Specific Plan. The rationale for this recommendation is that considerable uncertainty remains as to the optimum financing arrangement for various sectors of the Plan, depending on the timing, location and size of eventual development proposals. Therefore, a



mechanism must exist for managing this aspect of the implementation process, in close collaboration with the Planning Division and other appropriate County agencies. This device has worked well elsewhere in the County where customized guidance is needed over a long period of implementation. Moreover, individual properties in the Cajon/Kendall corridor will not have the advantage of a large-scale project as the basis for funding improvements and a means of coordinating this aspect of development will be of considerable value to these property owners.

- The County should actively seek state and federal grants and loans to help defray the costs of constructing and maintaining backbone infrastructure and public services. The rationale for this recommendation is that this is an unusually significant environmental and activity gateway to the region along the Interstate Highway system and, because of the magnitude of activity envisioned here, it is of more than local interest.
- Necessary backbone infrastructure should be required through development agreements or should be conditioned prior to the approval of individual development projects. The rationale is that a quid-pro-quo must be devised in each case, based on the public costs and benefits associated with the proposed development, and the most effective vehicle for capturing mutually beneficial provisions is a development agreement.
- If appropriate, a development impact fee program should be adopted to assure that all development is paying its fair share for backbone infrastructure. The rationale for this recommendation is that properties in different planning sub-areas (portions of the Glen Helen Specific Plan area) will enjoy differing degrees of benefit and therefore should have a fee structure geared to the level of benefit. This will enable the accumulation of funds over time to assist in providing improvements.
- Upon the request of individual developers, the County should consider the formation of assessment districts and/or community facilities districts to finance the construction of backbone infrastructure, especially when necessary to assure the timeliness of such infrastructure. The rationale for this recommendation is that such support is an essential form of partnership with requesting private sector investors and is a proper application of public authority in pursuit of timely implementation of the Specific Plan.
- In the case of backbone infrastructure such as sewer and water improvements, where enterprise fund revenues are available as a result of user charges, the County should consider the use of revenue bonds to promote the construction of this backbone infrastructure without relying on land-secured debt. The rationale for this recommendation is that user charges as backing for revenue bonds, over time, can facilitate

completion of the backbone infrastructure system earlier in the development process than would otherwise be the case.

- In approving new development, generate a source of revenues to cover debt service payments being paid from the County General Fund for outstanding bonds used to construct the Glen Helen Parkway interchange. The rationale for this recommendation is that it is desirable to retire these bonds as quickly as possible and do it from a source that frees up General Fund monies for other purposes.

## APPENDIX A – EIR ADDENDUM (SYCAMORE FLATS)

