UNIT 307

## COLUMBIA STATE HISTORIC PARK

## general development plan

January 1979

# COLUMBIA STATE HISTORIC PARK 

Resource Management Plan, General Development Plan, and Environmental Impact Report

Edmund G. Brown Jr. Governor




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Columbia, Tuolumne County

## SUMMARY

The gold rush was more than a searching for that yellow mineral. It changed the course of California history, and more than any other event, propelled the state to economic and social riches.

The legacy of gold was the bringing together of people - people working together, fighting, loving, and praying together; living and dying together. They built communities of remarkable quality and diversity - communities filled with the bustle of frontier activity.

Among these towns, Columbia was known as "The Gem of the Southern Mines." As the leading community of the southern Mother Lode, with a population of more than 10,000 , it missed becoming the state capitol by only two legislative votes.

Columbia survived the lean years after the gold was gone, and still stands as a living remembrance of the gold rush era.

Acquisition of Columbia by the Department of Parks and Recreation (then the Division of Beaches and Parks) began some thirty years ago. Inclusion in the State Park System came because the town's historic
landscape had survived relatively intact. With the largest single collection of existing gold rush-era structures, Columbia was recognized as a historic resource of state and national significance.

Since inclusion, there has been an ongoing program of restoration and interpretation. About three-fourths of the park's historic buildings have been restored. Much research has been conducted, and an active interpretive program - including exhibits, concessions, and a museum - has been developed.

Much progress has been made. But much remains to be done to recapture an authentic and complete Columbia.

Now, in 1978, the department is approaching a crossroads in its development of Columbia State Historic Park. Columbia has more and better historic resources from the goid rush era than any other place in California. However, with the growing pressures of encroaching development and inappropriate commercialism in and around the park, the people of California and the nation are on the verge of losing the Columbia experience. The park needs a coherent plan that everyone can agree to and work toward.


In what direction, to what extent, and in what sequence should the park be developed?

This document contains the Resource Management Plan, the General Development Plan, and the Environmental Impact Report which can give Columbia the direction it needs. If agreed to, the document will set the course of development the park will take.

Leaving Highway 49 and approaching Columbia from the south on Parrotts Ferry Road, visitors would enter a parking lot west of Main Gulch, about 1000 feet from Main Street. Other parking lots, for local patrons and concessions employees, would be located west of Broadway Street. Planned parking areas exceed 600 spaces, or about double the current number.

The administration and orientation center, next to the main visitor parking area, would give visitors the information needed to understand Columbia's history and enjoy the park's facilities. Separated from the historic business core, the center would be developed using the latest modern technology and materials, compatible with the historic scene. The center would function without the constraints of historic authenticity.

Horse-drawn vehicles would be available to carry passengers from the parking lots into town. Visitors could see mining demonstrations in Main Gulch and at the gold discovery site, and could stop at the historic Tent Town - that collection of tents and shanties which housed the miners before the town grew up - before proceeding onto Main Street.

Above - Pedestrian access to historic town from parking lot.
Below - Horse drawn vehicles would be available to carry passengers from parking lots into town.



On Main Street, the full impact of a California gold rush town would be realized. Visitors would be captured by the feeling of living during the gold rush, by discovering a complete range of authentic-looking structures, businesses, and activities, throughout a ten-square-block area.

In order to fully portray the life of the town, an additional 100 buildings would be added, including about 65 full reconstructions. The park currently contains about 40 historic buildings, most of which are original structures of the gold rush era.

Open space areas would be developed to complement the architectural and street scenes. Northeast of town, a natural interpretive area linked by trails would be used for picnics, livestock grazing, and passive recreation.

The drillgrounds area, northwest of town, would serve as a special-events location for the annual Firemen's Muster, 4th of July events, and other active forms of recreation throughout the year.

A new maintenance and storage facility would be developed in an area east of Columbia Street. Screened from the historic scene, it would be close to park activities, especially the historic business core.

Leading from the historic business core, interpretive trails would link other features of the region, including the state-owned Bixel Brewery and Springfield parcels and Columbia College.

The plan greatly increases the number of facilities and activities. Rebuilding historic structures, Tent Town, and other interpretive areas, and new administrative, maintenance, and visitor services will increase by 250 percent the overall scope of operations at the park.

The department emphasizes that most plan objectives are long-term - not to be achieved for many years. The plan does, however, give a future direction for park development.

It is proposed that the department should first attend to the immediate needs of better visitor orientation (restoring the Fallon Theater, the D. O. Mills bank, the Knapp block of buildings, and Saint Anne's Church, when acquired), additional acquisition of appropriate lands, and minimizing modern intrusions in the historic business core.


Second, the department shouid soon begin a long-range phased (but flexible) historic development program. This should be designed to portray Columbia as a complete gold rush community, representing itself and all other California gold rush towns, thus preserving its historic fabric in the face of ever-increasing contemporary pressures. This will mean massive rebuilding of historic structures and further development of interpretive activities throughout the park. In addition, visitor service and operations facilities would be relocated and expanded in more suitable locations.

A Zone of Primary Cultural Interest has been determined at Columbia. This is an area that contains the park's most important historic resources, from the town's prime interpretive period, 1850-1870 (the gold rush era). The zone will closely guide preservation and development of these resources.

The Zone of Primary Cultural Interest now suffers from modern intrusions, particularly motor vehicles. Except for service needs, the plan recommends eventual elimination of all motor vehicles from historic streets in the zone, and relocation of all parking lots outside the zone. Also, there is a recognized need by the department and the County of Tuolumne for bypass routes to take through traffic away from the historic business core of the zone.

Concessions are a major aspect of Columbia. The plan urges further
development of business and residential concessions appropriate to a gold rush community of the mid-1800s.

Almost 250 acres of the Columbia area are now owned by the department. The plan recommends acquisition of an additional 50 acres within the 1956 State Park Commission - approved park boundary line, to bring other important resources and buffer land into state ownership.

State ownership of land will not mean fencing off or isolating that land from its surroundings. Columbia State Historic Park should continue to be one with the greater Columbia area.

Much of the Columbia area immediately outside state ownership falls under Tuolumne County historical design control, which develops appropriate zoning and architectural standards. The county has had mixed success in developing and maintaining the kind of environment compatible with the historic park. The department supports Tuolumne County in its efforts to promote high standards of land development and preservation around Columbia, and will work with local governments and organizations to retain the park's historic rural setting.

Finally, the plan recommends close cooperation among State Park System personnel, officials of Tuolumne County, and residents of Columbia, to further the mutual goals of development, and to maintain the historic integrity of Columbia State Historic Park.

## PURPOSE OF PLANS

The purpose of these plans is to provide general guidelines for preservation, interpretation, and development of Columbia State Historic Park.

In 1945, the town of Columbia became a unit of the State Park System. Although the Department of Parks and Recreation has prepared several planning surveys on Columbia since then, this document is the first in response to the mandate of the Public Resources Code. This law requires that a Resource Management and General Development Plan be submitted to the State Park and Recreation Commission for approval. In addition, this report includes an environmental impact report, in conformance with requirements of the California Environmental Quality Act.

## Objectives

These objectives are intended to be broad and flexible, and can be modified if deemed advisable because of new information. A time period of twenty years is used as a basis for all projections of visitation and development in the park. Projections beyond this time cannot be accurately determined.

The objectives of the plans are listed below:

## - Resource Management Objectives

To identify the cultural, natural, and recreational resources of the park.

To establish policies for management, protection, and interpretation of these resources. To justify additional park development.

- Land Use Objectives

To determine interpretive and operational areas under a comprehensive land use plan.

To reduce the impact of motor vehicle transportation, and to
encourage historical transportation development.

## - Interpretive Facilities Objectives

To determine the extent of historic building development

To apply interpretive themes to park planning as established by historical research.

To establish the principal interpretive areas and methods that portray interpretive themes.

To establish guidance for concessions as a principal interpretive method.

## - Operational Facilities Objectives

To inventory and analyze vehicle parking, administrative, and maintenance facilities.

To recommend locations for principal operational areas.

To describe additional operational resource needs.

- Development Objectives

To develop planning recommendations for land use and park facilities.

To set a sequence of development
To determine a scope of development

To determine appropriate park land additions.

- Environmental Impact Report Objectives

To determine potential environmental impacts of proposed facilities and land uses.

## PROJECT DESCRIPTION

## Location

Columbia State Historic Park lies in the western foothills of the south central Sierra Nevada. It is located in Tuolumne County, some 6.5 km ( 4 miles) north of Sonora, the county seat, and is 3.2 km ( 2 miles ) east of State Highway 49, the scenic route that connects many Mother Lode communities. Columbia SHP is slightly more than 2 hour's drive from Sacramento, and a 4 hour drive from the San Francisco Bay Area. Calaveras Big Trees State Park is the nearest State Park System unit, about 55 km ( 35 miles) northeast.


FIGURE 1

## COLUMBIA STATE HISTORIC PARK



## Resources

The resources of Columbia SHP are numerous, varied, and significant. Cultural resources consist of buildings, structures, ruins, objects, and sites, which are significant as representatives of life in the Mother Lode in the 1850s and 1860s. The natural setting of vegetation in the surrounding hills is similar to that of the historic scene.

An awareness of the area's ecological features, exemplified by the dramatically altered terrain, will greatly enhance visitors' understanding of mining here. Development of their visitor use potential will fulfill the primary theme of the historic park - the historic scene and feeling of Columbia as a living gold rush community.

## HISTORICAL BACKGROUND

In the spring of 1850, a group of prospectors led by Dr. Thaddeus Hildreth discovered gold in the southern Sierra Nevada foothills. Their claim, called Hildreth's Diggings, quickly expanded into a tent-and-shanty town of several thousand miners. Its name was soon changed to American Camp; it later became known as Columbia.

As news of the gold discovery spread, Columbia grew into a sizable community almost overnight. By 1853, there were more than 500 buildings, and more than 150 places of business. The population of the town

proper was about 3,000 people, with an additional 3,000 to 5,000 miners in the villages and camps nearby.

As in many other gold rush towns, Columbia's population was dependent on the availability of water. Since much of Tuolumne County's gold was located in deposits near the ground surface, it could be washed away by water. When water was abundant, mining could continue, and Columbia was prosperous. But when water was scarce, miners were forced to go elsewhere, and the town suffered.

After several unsuccessful attempts to provide a year-round water supply to Columbia, an underground system for domestic and firefighting use was installed between 1854 and 1857. It consisted of iron and lead pipes shipped from Boston, as well as seven large brick reservoirs underneath the streets in strategic locations. These facilities served the town until 1950, when a modern system, including a large main reservoir, was installed.

Another factor affecting the growth of Columbia was the common occurrence of fire. The first major fire, in 1854, destroyed the entire central business district, except for one brick building, the Donnell and Parsons store. Learning from this experience, the townspeople quickly rebuilt the area, using locally produced red brick for 30 buildings.

A second serious fire swept through Columbia in 1857. Although many of the brick buildings with thick walls survived and still stand today, most of the structures in the 13-block downtown area were ruined. The fire started in a Chinese house, and as a result, all Chinese were forced to move to the northern outskirts of town. After four more major fires between 1859 and 1866; and continued depletion of the gold, the spirit of reconstruction and revitalization in Columbia had subsided.

Miners began to tunnel under buildings throughout the town, looking for gold next to bedrock. Structures were torn down, and a stone flume, which is still there, was built to supply water to the middle part of town. As the miners looked elsewhere for new riches, Columbia shrank from a peak population of nearly 10,000 people to fewer than 500.

Although many of the early gold rush towns of the late 1840s and 1850s gradually became deserted, Columbia lived on. Many


One of the original brick buildings
original brick buildings remain, and many businesses still operate. Cattle grazing and farming are common practices in the area. Residential gardens and orchards have replaced many of the old mine sites, but the flavor of the gold rush era remains.

The significance of Columbia SHP is that it is a living gold rush town - one that can exhibit the vitality of its heyday. Columbia's life as a gold rush town tells an important but incomplete story of the California gold rush history.

The State Park System has other historic gold parks located in the Sierra Nevada area, including Marshall Gold Discovery, Empire Mine, Malakoff Diggins, Plumas-Eureka, and Bodie.

The significance of Marshall Gold Discovery is that gold was first discovered at this location. At both Empire Mine and Malakoff Diggins, large mining operations are apparent. Empire Mine is one of the largest hard-rock tunnel complexes in the United States. Malakoff Diggins exhibits the effects of massive hydraulic activity. Plumas-Eureka illustrates a variety of mining techniques. Bodie is one of the West's best preserved ghost towns.

Each of the six historic gold parks exhibits a different aspect of California gold rush history; together, they enrich California's heritage.

## RESOURCE MANAGEMENT PLAN

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COLUMBIA STATE HISTORIC PARK

## STATUTORY OBJECTIVES

The statutory objectives at Columbia SHP are complex. Unlike most units in the State Park System, Columbia is governed by laws that were drawn up specifically for this unit. Division V, Chapter 1, Article 3.5 of the current Public Resources Code (based on the Statutes of 1947) established Columbia, and declared its general objectives. These statutes are divided into four sections.

1. Section 5040 is the Declaration of Policy, which specifies that the state will establish and preserve as a historical monument "a portion of the old town of Columbia".
2. Section 5041 calls for a resource survey and a master plan for restoration. It states policy guidelines for naming buildings and making leases, and for establishing a museum.
3. Section 5042 establishes the Columbia Historic Park Association as an advisory committee.
4. Section 5043 places responsibility for administration of the unit with the Department of Parks and Recreation.

In response to planning needs for Columbia and corresponding legislation, surveys were conducted under the direction of Frederick Law Olmsted in 1946, and Aubrey Neasham in 1947. Olmsted recommended that the state purchase the eight blocks flanking Main Street, between Washington and Pacific, together with the Main Gulch and old Columbia School areas. He also recommended a buffer zone around the historic core, to be treated as a scenic easement.

Neasham presented an enlarged view of Columbia. He called for a planning committee,.. and specific plans for stabilization, restoration, aānd reconstruction. He also proposed an approximate ultimate park boundary that was considerably larger than Olmsted's recommendation. In 1948, the State Park Commission accepted Neasham's plan for acquisition; in 1956, it adopted a more accurate ultimate boundary that followed ownership lines.

Also in 1948, Bliss and Hurt, Trudell and Berger, a San Francisco architectural firm, prepared a much-needed master plan for development. This plan established guidelines for acquisition, boundaries, agreements, utilities, and traffic control, as well as for preservation and development of the resources. It soon became evident, however, that the master plan needed revision, as objectives were met and conditions changed. More closely defined regulations were necessary to shape the historic scene.

A number of surveys have since been conducted, and plans have been developed. In 1963, the Columbia Committee, a multi-discipline planning group from within the department, submitted a plan proposing a formal purpose, policy, and interpretive guidelines for the historic park. The plan listed existing buildings with their current and proposed uses; it proposed buildings for reconstruction; it summarized objectives. The Declaration of Purpose and function policy included in that report were adopted as policy guidelines in 1964. This plan, supplemented by the ideas in a 1970 plan, has provided the major guidelines for development and operation of Columbia SHP in recent years.

Plans for Columbia must also be in compliance with other sections of the Public Resources Code that apply to units in the State Park System. Section 5001.5(e). of the code deals with historical units. It states that the fundamental objective of a historic park is the preservation of resources of historic and scientific value. Interpretation and presentation of these resources should help visitors appreciate, understand, and enjoy learning about the aspect of California's heritage for which the historic park was established. The educational benefits that visitors may derive are an important part of their experiences in a historic park. The use and management of resources at Columbia SHP will emphasize the unit's historic values, subordinating its recreational and commercial potential where historic integrity may be violated.

To help fulfill the concept of the living town, concessions are "desired for interpretive purposes" (Section 5019.23(d)). These commercial ventures will be established and operated with historical authenticity as their primary objective.

The Public Resources Code calls for facilities "required for the safety, comfort, and enjoyment of the visitor." The only facilities and activities in historical units permitted by the code are those that relate to "the history of the individual unit" or that "retain or restore historical authenticity." Resource Management Directives of the Department of Parks and Recreation have been developed in accordance with the code. The philosophy and spirit on which the code and directives are based guide specific policy for Columbia State Historic Park.

Columbia is listed on the National Register of Historic Places, which is the nation's official list of cultural resources worthy of preservation. Listing on the register makes Columbia eligible for federal grants for historic preservation, and provides protection from federally assisted projects that may have an adverse effect on the resources. These benefits are guaranteed by the National Historic Preservation Act of 1966. Columbia is also California Historical Landmark No. 123.

## RESOURCE SUMMARY AND EVALUATION

Columbia SHP is rich in a variety of resources that eventually can be used to achieve the purpose of the historic park, and to vividly interpret its related themes. Nowhere else in the State Park System are the resources so complete or the opportunities so great for development of a living historic community, representative of an era and events of such significance to the history of California.

The resources at Columbia offer people a physical link to the past that they can look at, walk through, and experience. Visitors to Columbia will have an opportunity to experience the past in a way that draws them into it, instead of setting them aside to observe it as an exhibit of something strange and unrelated to today's life.

The resources of Columbia SHP range from the natural surroundings of Sierra vegetation and rugged, heavily mined terrain to the town's brick commercial buildings and white wooden houses. Columbia's resources will help visitors to understand life in a Sierra mining town more than 100 years ago. Visitors may enjoy and learn from the conditions and lessons of the past. They may sense a time and place quite different from today, or they may discover people whose lives were really not unlike our own.

## Cultural Resources

Cultural resources at Columbia SHP are divided, for the present, into two groups: (1) prime historic resources, related directly to the themes and period being interpreted, and (2) historic and prehistoric resources that contribute to interpretation of the flow of history at the unit.

The first group is made up primarily of buildings, structures, objects, and sites located in the Zone of Primary Cultural Interest. This zone, containing the park's primary cultural resources, will be developed with historical integrity and authenticity. No administrative or public service facilities will be constructed within the zone (from Resource Management Directive 45).

Other historic resources located outside the zone, such as the brewery ruins, water systems, and Springfield site, are also valuable.

The prime historic resources at Columbia currently include approximately 250 sites, upon which exist 32 commercial buildings erected in the 1850s, 38 residences that contribute to the historic scene, 7 reconstructed buildings, historic sites such as the Bull and Bear Pit and hydraulic areas, and artifacts above and below the surface.

These historic resources are difficult to evaluate, in terms of their significance to the town during the prime historic period, 1850-1870. Their conditions today range from those of the elaborately restored City Hotel to vacant sites.

The purpose of Columbia SHP is to portray a living historic town. The relative significance of historic resources at Columbia thus must be assessed, in part, according to their potential for achieving this purpose. The past roles, present conditions, and future needs and uses of the historic resources must all be considered in evaluating the resources of Columbia.

The second group of cultural resources at Columbia includes prehistoric use sites and historic resources that show the development of Columbia before and after the prime period. No paleontological resources have been identified at Columbia.

Two sites that bear evidence of aboriginal use have been identified within the unit boundaries. One site, located in the middle of town, consists of several bedrock

mortars and scattered midden. The other site, near the brewery ruins, contains a large midden deposit. Both sites have been disturbed.

The Columbia area was occupied by Central Miwok, whose villages may have been nearby. Although mid-19th-century newspaper accounts noted a nearby Indian village, no village site has been located in the town proper.

Many historic resources, including businesses and residences, water systems, the street scene (street material, furnishings, sidewalks, etc.), and mining equipment, have deteriorated or been altered since the prime period.

Cultural resource deficiencies at Columbia generally stem from the ever-present potential for conflict in a modern community with a sensitive historic scene. Specific deficiencies are sites where there should be buildings, the intrusive aspects of nonhistoric features, and the shortage of artifacts for interpretation. However, there is no shortage of historic data regarding the 1850-1870 appearance and operation of the town. Substantial research on individual sites has been done; more is needed. A total effort based on this research, with historic authenticity as the primary objective, will overcome any resource deficiencies at the unit.

Specific cultural information appears in the department's Interpretive Prospectus.


Above - Dedication of the City Hotel in 1974 Left - City Hotel


Exposed limestone rock formation

Natural Resources

Geology
The Sierra Nevada, in which Columbia is located, is characterized by steep eastern slopes and gentle western slopes. This range extends from north to south for more than 650 kilometers ( 400 miles). It has been the primary source of the state's gold production, and was the main reason for Columbia's existence.

The Sierra Nevada is composed mainly of granodiorite-type rocks. The igneous masses are mixed with metamorphosed rocks, between 65 and 570 million years old, of the Paleozoic and Mesozoic Ages. Located along the western foothills and northern end of the range, these metamorphic rocks consist of slates, limestones, schists, quartzites, horfels, and phyllites.

Columbia is a placer gold district, underlain by the largest masses of limestone in the Sierra Nevada. Ancient Eocene streams contained quartz-rich gold-bearing deposits, termed "auriferous gravels." Fifty million years ago, spring floods washed these gravels downstream, where the heavier gold dust flakes and nuggets tended to accumulate in cracks and potholes in stream beds.

Columbia's miners found large quantities of gold in the many limestone potholes in the valley surrounding the town. Several large nuggets were discovered, including one that weighed more than 23 kilograms ( 50 pounds).

Many exposed limestone rock formations still stand in Columbia SHP today. At the gold discovery area, for example, these natural formations are slowly weathering away, and are being carried off by rainwater. Surface depressions, or sinkholes, are commonly found, as a result of the erosion of subsurface limestones. Gold mining has accelerated the rate of limestone erosion.

For general planning purposes, there appear to be no geologically sensitive areas within the approved ultimate park boundary. A specific geologic investigation, however, should be conducted on all sites proposed for development, because of the erodibility of the native limestone. The nearest known earthquake fault is the Melones Zone, located about 5 kilometers ( 3 miles) west of Columbia.

FIGURE $2^{-}$


Miners at work among the boulders

FIGURE 3



FIGURE 4

## Topography and Hydrology

Columbia lies at an elevation of 630 meters ( 2,080 feet). The town is on relatively flat terrain, generally suitable for development, surrounded by 90 to 180 -meter ( 300 to 600 -foot), moderately steep hills.

During the gold rush era, much of the landscape was changed by hydraulic mining. At that time, there was a great deal of erosion. Today, however, the land is relatively stable, and erosion is not a serious problem.

Several drainage courses, among them Matelot Gulch, the chief water source for Columbia, merge near the townsite. Flooding from these waterways is unlikely, and is not a limiting factor in management or development of the historic park. Land immediately west and southwest of Columbia is flat to rolling meadow. Mormon Creek, which drains this land, is the principal watercourse of the Columbia area watershed.


Reservoirs

FIGURE 5


## Soils

The Columbia area is made up of the rockland-tailings soil association. This type of soil is generally shallow, with some rocky areas. It consists of $50 \%$ rockland soils, $40 \%$ tailings, and $10 \%$ deeper, less rocky soils. Water runoff is rapid, but erosion is slight.

Rockland soils are formed from hard limestone. More than half the surface area contains rock outcrops, and the soil is rarely deeper than 25 centimeters ( 10 inches). Hydraulic mining in the 19th century washed away enormous amounts of the overlying soils. Tailings are the gravels and cobbles remaining from the hydraulic mining activity.

The soils characteristic of Columbia do not significantly affect the proposed locations of unit facilities. A detailed soils analysis, to include erosion hazard, shrink-swell behavior, runoff rate, depth to bedrock, septic tank suitability, and ease of grading, should precede development of any particular site.


FIGURE 6



The Columbia area has varied vegetation

## Vegetation

Columbia lies within the Sierra Nevada Foothills and Low Coastal Mountain Landscape Province, 630 meters ( 2,080 feet) above sea level. The area's foothill-woodland plant association, containing isolated pockets of ponderosa pine and chaparral flora, provides an attractive setting of mixed oaks and conifers, interspersed with grasslands, exotic species, and limestone outcroppings. Today, the vegetation is much denser, having recovered substantially from the mining and settlement that so radically affected it in the middle and late 19th century.

The most common native trees are the digger pine, interior live oak, and black oak, with scattered specimens of ponderosa pine on north-facing slopes. Predominant shrub species are manzanita, coffeeberry, deerbrush, and toyon. Although decades of grazing have heavily modified the grassland areas, wildflowers still abound in the spring.

No rare or endangered plant or animal species have been found to exist within the present unit boundaries.

Scattered throughout the unit are areas of dramatically altered terrain. The landscape is denuded, the soil eroded, and the rock exposed. Casual visitors may think this is natural; in fact, it is the result of the activity for which the town developed - gold mining. Much of the Springfield parcel, plots in town, and particularly the area between the southeast corner of the townsite parcel and the Columbia College campus, show the effects of extensive hydraulic mining. These areas illustrate the devastation that human use can impose on the environment, and how nature reacts. Weathering and plant growth have partially healed and disguised some of them; others contain a maze of narrow and twisting gulches and gloryholes, with interesting plant growth patterns. These features have substantial potential for interpretation and hiking.

Areas of exotic vegetation, such as gardens and street trees, are resources of significance to the historic scene. As Columbia became more established and families settled in, vegetable gardens, fruit trees, and flowers were planted around town.

The native trees of pine and oak had been cut in the early years, and were replaced by ornamental and useful trees that reflected the cosmopolitan makeup of the town. This was especially evident among the town's New Englanders and Chinese, who planted trees and plants from their homelands.

Homes in Columbia frequently had kitchen gardens. Decorative flower gardens often included fruit trees. The vegetable gardens and fruit trees could occupy most of the garden areas to the rear of the houses, or along the sides. Prosperous townspeople occasionally built their homes set back from the street, to have flower gardens in front of the houses.

The Columbia Exchange Hotel and the Fallon Hotel had elaborate gardens. The garden at the Columbia Exchange was illuminated in the evenings, and was formal in design; certainly, it was not representative of a typical Columbia garden. Arbors along the sides of the garden were used as places to enjoy refreshments.

Fruit trees were outstanding features of many Columbia gardens; small orchards dotted the area. The large fruit crop, however, was difficult to transport, and the market demand for fruit was low. Residents of Columbia found fruit wines were easier to market. Fruits grown included peach, pear,

plum, apricot, and fig. Specific mention has been made of some flowering plants; roses, "Japonicas", and pinks are a few. Street trees included elm, maple, sycamore, and locust.

There are three vegetation areas within the ultimate acquisition boundary. They are high-density tree cover, low-density tree cover, and grasslands. The high-density tree cover and grassland areas are environmentally sensitive. These areas should be preserved, to retain their character, and to prevent their possible damage by visitor use or development.

A partial list of vegetation found in the Columbia area is located in the appendix.


## Wildife

Most large mammals that once inhabited the Columbia area have migrated to more remote areas. A wide variety of wildlife, however, is still present. Most common are squirrels. cottontail rabbits, coyotes, bobcats, gray foxes, deer, raccoons, oppossums, and skunks can sometimes be seen.

Common birds include the California jay, northern brown towhee, and valley quail.

No rare or endangered wildlife is known to inhabit the Columbia area. However, southern bald eagles, an endangered species, are occasional visitors, and have been sighted there. A partial list of wildlife of Tuolumne County is located in the appendix.

## Climate

The climate of Columbia SHP is influenced significantly by the Sierra Nevada, the great valley, the coast ranges, and the Pacific Ocean. Although there is a wide variety of weather patterns due to the diverse local topography, the seasons are controlled by the air pressure area over the northern Pacific Ocean. This area is dominated by high pressures in the summer and low pressures in the winter.

There are generally two seasons typical of the Sierra Nevada foothills. A hot, dry season usually occurs between May and October. Daytime temperatures are normally $25-30^{\circ} \mathrm{C} \quad\left(80-90^{\circ} \mathrm{F}\right)$, and nights $15-20^{\circ} \mathrm{C}$ $\left(60-70^{\circ} \mathrm{F}\right)$. Prevailing winds are from the southeast, and average less than 16 kph ( 10 mph ), with occasional gusts up to 80 kph ( 50 mph ). Summer storms typically are from the northwest.

From November through April, the weather is wet and cool. Air temperatures range between $5-12^{\circ} \mathrm{C}\left(40-50^{\circ} \mathrm{F}\right)$ during the day, dropping to $0-5^{\circ} \mathrm{C}\left(30-40^{\circ} \mathrm{F}\right)$ in the evening. Rainfall averages slightly less than 1 meter ( 39 inches) per year. Since Columbia is below the normal Sierra snowline, the snow depth rarely reaches more than 10 centimeters ( 4 inches).

The climate information shown in Fig. 7 was compiled by the Sonora Ranger Station, located about 8 kilometers ( 5 miles) south of Columbia SHP. No climatic factors should limit development and visitor use.


- Historic Architecture: Most of the town's historic-period structures are located within the Zone of Primary Cultural Interest. Structures within the Columbia area but outside the historic park's boundaries should be regulated by a strong design review committee, to enforce compability with the historic scene.
- Vegetation: The present extent and size of trees and shrubs, although historically inaccurate, greatly adds to the scenic quality of the historic park. The condition and variety of vegetation give visitors a graphic sense of the passing of time.
- Limestone Formations: The extent of exposed limestone demonstrates the scope of mining activity. The rock is everywhere. Some formations are more than 15 meters ( 50 feet) in depth, with numerous caves and sinkholes.
- Historic, Rural Setting: This feature, more so than the other scenic qualities, is both the most pervasive and the most threatened. Columbia is an area still rich in historic gold rush features, because of its rural setting. Yet the potential for incompatible development is great. The power for preserving this scenic and historic quality rests with the County of Tuolumne.

Columbia SHP is part of, not apart from, its environment. The scenic quality of the historic park is only as good as the quality of its setting.

## DECLARATION OF PURPOSE

In June 1964, the following Declaration of Purpose was adopted for Columbia SHP by the State Park Commission:

The purpose of Columbia State Historic Park is to make available to the people forever, for their enlightenment, inspiration, and enjoyment, the town of Columbia as an outstanding example of a living community representative of the early gold mining days, with emphasis on the period from 1850 to 1870; together with the scientific, historic, and recreational values inherent to the area.

The function of the Division of Beaches and Parks at Columbia State Historic Park is to restore and maintain the historic resources and to manage them in such a way as to perpetuate these values for the enjoyment and inspiration of the public, in accordance with the declared purpose of the park.

The broad interpretive theme that will be emphasized is the development of Columbia as a living, representative California gold rush community of the period 1850 to 1870. Complementary themes are the evolution of gold mining techniques, the importance of water, the geologic origins of gold, gold-rush-period architecture, the impact of the gold rush on physical and cultural ecology, and the transportation and communication systems of Columbia. These themes are consistent with the economic/industrial theme described in the California History Plan.

The story of Columbia will not be presented as an island in time or place. Columbia and its primary period and themes are parts of the continuous flow of history from aboriginal times to the present, from one miner's struggle to the settlement and development of California. These broader perspectives will be considered (Management Directive No. 46).

The prime resources at Columbia are those buildings, structures, objects, and sites that relate most closely to the primary themes and period. They will be used to intepret the themes and period, and to achieve the declared purpose of the historic park.

The Zone of Primary Cultural Interest includes the 10 -block historic core of the town, the gold discovery area, a half-block buffer area all around the core, and the two outlying areas of St. Ann's Church and the old schoolhouse. Within the zone, complete historical authenticity shall be sought. Activities compatible with the purpose of the unit may be permitted, subject to approval by the director (Management Directive No. 45).


Hillside cemetery near St. Anne's Church

## DECLARATION OF RESOURCE MANAGEMENT POLICY

## Goals

The resource management goals are stabilization, restoration, reconstruction, public use, and interpretatioñ.

These goals apply generally to both the natural and cultural environments of Columbia.

Specific plans that state the objectives and policies for management of individual resources or resource areas will be developed as needed. Specific priorities will be delineated in a Resource Management Program, to be prepared and adopted by the Department of Parks and Recreation. Natural and cultural resources will be evaluated individually, and plans for their use will be determined, based on their historic value.

Preservation/stabilization: All historic buildings and structures at Columbia SHP shall be stabilized and preserved. All commercial and residential buildings located in the Zone of Primary Cultural

Interest and dating from the prime period will be stabilized, as soon as possible. A great deal has been accomplished since the 1940s, when both Olmsted and Neasham identified this goal as the most important single item in development of the historic town. Deteriorating structural materials have been replaced; other structures have been repaired and strengthened. Repair work was carefully recorded.

Stabilization work yet to be undertaken within the Zone of Primary Cultural Interest includes: the Fallon Hotel and Theater, the remaining unstable buildings of the commercial Knapp Block, and the D.O. Mills Bank Building.

There are currently 38 state-owned residences in Columbia. Most are rented and occupied, or are being used for storage. Many of those used for storage, and others that sit unused, must be rehabilitated to meet housing or interpretive needs.


Stabilization work in progress on an historic building.


Preservation of all cultural resources at the unit is especially important, since they are part of Columbia's historic fabric. They are essential to an accurate re-creation of life here during the interpretive period.

Restoration: All resources located in the Zone of Primary Cultural Interest shall be restored to appearances and uses that fit the purposes of the unit. Many sites in Columbia were occupied by more than one building during the prime period; many buildings had more than one use. Resource deficiencies and interpretive needs relating to the unit's purpose will determine the restoration policy for individual resources.

The first phase calls for restoration of each historic resource to its historic appearance. Restoration to original functions will take place next, where deemed necessary to fit interpretive needs. Restoration of the commercial scene will emphasize a variety of interpretive businesses.

The visible public-access parts of all historic resources will be restored to an authentic historic appearance, avoiding, as Olmsted stressed, "fanciful imitation." All building exteriors and
parts of interiors that visitors may enter will be restored. Modern public restrooms will have a period appearance from the outside, or will be located in appropriate historic buildings.

All features in the Zone of Primary Cultural Interest that are not physically accessible to visitors, but are part of the visual historic environment, will be restored to and maintained in a period appearance. All yards, walks, streets, lots, gardens, and other areas of the historic scene will be restored to their appearance during the prime period.


Restoration/Stabilization/ Reconstruction: Resources in need of stabilization and restoration should receive attention before reconstruction of buildings is undertaken. However, reconstruction of many features in Columbia may be necessary for complete presentation and interpretation. The early 1850 s could be represented by a reconstruction representative of the tent city at the gold discovery area. The multi-ethnic makeup of the population, and its effect on daily activities in Columbia, should be represented by reconstruction of the Chinese, French, and Mexican areas. First reconstruction will emphasize the Main Street scene.

Reconstruction should be undertaken only in the case of outstanding features for which there is a specific need, such as filling a gap in the story line. The many truly authentic buildings and their restoration shall not become subordinate to the reconstruction program. Some sites that once contained buildings, but that now derive their primary significance from the evidence of later

mining activities, will be preserved. They represent the later mining frenzy in Columbia that undermined and demolished many buildings, leaving scarred land where buildings once stood.


Mining activities within the town during a late mining frenzy undermined many buildings. Such sites will be preserved.


FIGURE 8

## Policies

The resource management policies for Columbia have evolved from numerous recommendations over the past 35 years. The principal objective of these recommendations has been development and maintenance of the historic scene. The department's public involvement program has confirmed a strong preference on the part of Columbia's residents and visitors for an authentically restored and operated historic town. To accomplish this objective, the scope of resource management policies has been expanded to include the areas of planning and operation that have a profound effect on resource management at Columbia.

## Archeology

Nearly all cultural resources possess some degree of archeological value. In Columbia, prehistoric sites, as well as many historic buildings and sites, have a potential for yielding information through archeological investigation. All cultural resources with archeological values will be protected and professionally studied. For the present, prehistoric archeological resources will be protected, but will be secondary to historic resources.

Archeological investigation will be performed before stabilization, restoration, construction, and reconstruction, to prevent the loss of significant data not available from other historical research.


Archeology must come before reconstruction


Historic miner's ditch
The written history of Columbia has been researched in some detail. However, many essential points must be supplemented and confirmed by physical evidence. Excavation has provided, and will continue to provide, information on sequential building periods in Columbia, as well as on locations of specific buildings and foundations, ditches, flumes, and pipelines. Excavation provides an abundance of objects reflecting everyday life of Columbia. Excavations such as at the D.O. Mills Building and City Hotel are essential to development at Columbia. Funds and scheduling must allow for archeological needs.

Prehistoric sites that have been identified at the unit will be protected. Others that may be discovered will be evaluated based on criteria adopted by the department, and will be included in applicable programs for investigation, preservation, and interpretation.

## Flow of History Policy

The Declaration of Purpose establishes that the emphasis of preservation, restoration, reconstruction and interpretation at Columbia SHP will be on the period 1850-1870. However, the department is committed to a flow-of-history approach, which will prevail when it can be established that visitor experiences will be enriched by preservation, restoration, reconstruction, and interpretation of features and ideas that date either before 1850 or from 1870 to 1900.

## Intrusions

Modern conveniences that are stationary must be screened appropriately, so as not to diminish resource values. Within the impact area of the Zone of Primary Cultural Interest, utility lines and facilities (meters, poles, etc.) and other electrical and mechanical intrusions (television antennas, air conditioners, propane tanks, etc.) will be eliminated or placed out of view. Utility lines should be placed underground. Television antennas may be relocated in attics, or television cables may be brought in underground, after archeological clearance. Propane tanks, air conditioners, and facilities necessary for the health and safety of visitors should be enclosed and properly ventilated in structures having the appearance of outhouses, sheds, or other outbuildings from the 1850-1870 period.

Nonhistoric garden hoses, bicycles, toys, and other small, easily removed intrusions will be kept out of view within the zone. Period items should be encouraged. The effects of noise that may be generated within the unit will be carefully controlled. The encroaching sounds of radio, traffic, and aircraft from areas outside the unit present problems. The department will work with local citizens and local government agencies to develop ways of mitigating the adverse effect of these intrusions.

Motor vehicles and their demands intrude on the resources of Columbia in a number of ways. Parking, street surface and realignment, and traffic control are important parts of the development of Columbia SHP.

Parking will be phased out in the downtown area of the unit. Parking should be located as far from the historic core as possible. Parking within the zone should eventually be eliminated. Lots located on Broadway between State and Jackson, at Main and Jackson, and on Broadway between Fulton and State shall be eliminated. The employee and visitor needs that these lots serve will be taken care of by minimally intrusive parking facilities to be developed outside the zone. Temporarily, the lot on the southeast corner of Columbia and Jackson may also be used to fill these needs. The Main Gulch parking facility south of Washington Street may continue in use until areas outside the zone are developed for the main visitor parking. However, mitigation of the adverse effects of this lot should begin as soon as


Trash dumpster. The modern functional items can be concealed.


Trash containers and fireplugs can be made historically compatible.


Television antennas may be relocated or TV cable brought in underground.
possible. Short-term parking is permissible at outlying features, such as the schoolhouse or St. Ann's Church. Screening and other measures shall be used to reduce the adverse effects of parking facilities on resources.

Traffic in the Zore of Primary Cultural Interest will not be permitted, except for emergencies. Traffic control signs there will be removed. All motor vehicles in the impact area of the zone must be out of view during visitor use times. The department will work with the county to achieve these goals.

A delivery scheme should be developed to keep delivery trucks off the main historic streets whenever possible. Parking should be developed along the south approaches to town, by which most visitors now arrive. This will reduce the traffic around town, as well as the visual impact of motor vehicles.

Rerouting of major thoroughfares is necessary. This will correct traffic circulation problems, and will reduce motor vehicle impact on the historic core. To meet resource preservation needs, the department should develop a way to assist the county with road alignment and construction.

The sight, sound, and smell of motor vehicles violates the historic environment ofColumbia. The ultimate treatment of all of Columbia's motor vehicle-related problems will greatly influence interpretation and operation at the unit. These problems are addressed in greater detail in the General Development Plan.


Motor vehicles and traffic control signs conflict with the historic scene.


Landscape elements may be used to conceal parking.


Example of compatible architecture.


Certain historic features are intrusive to varying degrees by their violation of period or place, or by their degree of alteration.

Angelo's Hall is on the site of Esaw's Chinese restaurant; Franco's Cabin has been moved; Eagle Cottage and the Columbia Gazette Office were reconstructed on approximate sites that have since been proved incorrect. Columbia House Restaurant is architecturally out of period. Development plans for such buildings will give primary consideration to their contribution to the representative historic scene. An example of a building that has received this consideration is the 1885 Brady Building. It will be retained, since it makes a major contribution to the commercial scene on Main Street, and has a historically appropriate appearance.

Residential architecture in the area did not change visibly from the prime period through the turn of the century. These houses, which are out of period by date of construction but not by appearance, need not be greatly altered or removed. They retain the historic feeling of Columbia.

No buildings or structures of authentic historic appearance in the 10 -block historic core violate the prime period enough to merit their removal. However, buildings and structures located on state property and determined by the department to be of nonhistoric appearance may be removed.

The streets of Columbia are important to the historic feeling of the town. Street beds, gutters, curbs, sidewalks, street furniture, and the Main Gulch Bridge in the historic core will be restored or reconstructed with period appearances. These features will be restored using original materials, such as marble and wood, or replica materials, such as stabilized soil. Streets, such as Washington between Main and Broadway, may be realigned to their historic locations, to achieve authenticity for interpretive purposes.

Historically compatible telephone booth.


## Natural Features

The present vegetation is now much thicker than during the prime period. To return it to its thinned appearance, even if physically reasonable, would be esthetically unacceptable. The natural areas surrounding the town, with their historical/ecological features, are important to interpretation at the unit. The department will maintain on state land, and will encourage on nonstate land, a healthy and attractive environment that enhances visitors' experiences.

The vegetation in and immediately around the town will be re-established in its historical context. Existing horticultural features that are original plantings will be preserved within the Zone of Primary Cultural Interest. Gardens and streetscapes will be restored within the zone. Lists of appropriate replacement plants appear in the General Development Plan.

Certain special ecological areas will be interpreted in their historical context. For example, areas that have been subjected to hydraulic mining in and around town are suitable for showing the devastation that


human activity can have on the land, and how nature recovers. The department should develop interpretive trails and programs for these areas. A section of Main Gulch may be returned to its devastated 1850-1870 condition, to be a contrast to the areas that are now recovering.

Vegetation in town should be preserved or replaced, to re-create the period scene, and to reflect Columbia's historically cosmopolitan populace. Not all historically verifiable plants are suitable. Those with thorns, brittle limbs, or toxic properties are unsuitable for high-intensity use areas.

## Scenic Values

The scenic values of Columbia SHP are based on the historic town and its natural setting. The authenticity of the visual environment is essential to achieving the town's scenic potential. The outlying unit parcels and other areas around town contain historic resources, physical features, and vegetation of scenic value. Views of the town from the hills on which the church and school stand will be restored and maintained, through selective removal and control of surrounding vegetation.

The department should develop trails connecting these resource areas with the town. This would encourage walking instead of driving. Commercial activities in town are of primary importance, but visitors should also have an opportunity to experience the miners' vigorous lifestyles outside town, where extensive mining took place. Hiking to and through the unit's outlying areas will enhance visitors ${ }^{r}$ understanding of the historic activities, as well as helping them appreciate the unit's scenic values.

## Methods For Controlling Environmental Quality.

The natural and historic environments of Columbia SHP will be protected. Environmental quality and historic authenticity are significantly affected by areas around the town. Acquisition, historic district zoning, and scenic easements have been recommended and carried out with varying degrees of success since plans for the historic park were initiated in the 1940s. The department wiil work with local citizens and county agencies to use these methods to mitigate the possible adverse effects on Columbia SHP that may occur outside current state ownership. Inventories will be conducted to determine the cultural resources present in properties acquired for addition to the historic park. The resources' degree of endangerment and unit needs will determine which method is most appropriate.

Sufficient land should be acquired by the state to effectively meet the historic park's declared purpose. Real property, within the boundary proposed in the 1948 Neasham Report and adopted by the State Park Commission, shall be acquired. Where it cuts existing parcel boundaries, this boundary
may be adjusted to include additional land. Properties outside the ultimate boundary with a guarantee of lasting protection need not be acquired unless threatened or deemed of primary importance for interpretation or operation at the unit. Acquisition of the remaining parcels within the Zone of Primary Cultural Interest will be emphasized. Outside the zone, the heavily mined area southeast of town between the reservoir and Kennebec Hill should be protected because it possesses interpretive potential.

There is a tremendous opportunity at Columbia to plan and develop a historic park with an ideal vision, comparable to such eastern historic places as Williamsburg or Old Sturbridge Village. If this can be undertaken, acquisition in the Columbia area should include scenic easements of the entire watershed of the valley, thus facilitating interpretation, operation, and environmental quality control. To expand the project to this degree would undoubtedly require greater financial assistance from a source such as a private foundation or a long-term state acquisition program, based on a permanent Columbia Acquisition Fund and voluntary sales of property.

Measures other than acquisition may be implemented to provide guarantees of lasting protection for endangered resources. County historic district zoning ordinances exist for the immediate Columbia area and its access routes. The department will be available to assist the county in developing and encouraging design review criteria and procedures for development in these areas. The procedures will be based on Tuolumne County zoning ordinances, which currently call for review and issuance of a permit before any structure or other resource is erected, demolished, structurally altered, or changed in appearance or character.

A historic district should be established, with regulations applying to all land within the Columbia National Register District (the unit boundary approved by the commission), as well as along entry routes to Columbia (see Regional Map, page 40). A historic district program should emphasize non-state property within the Zone of Primary Cultural Interest.

The department will also be available to work with the county to monitor development in Columbia's viewshed area that



Columbia Gazette building

Interpretive businesses will be established and restored on the sites of their historic prototypes, wherever possible. However, viable businesses that serve interpretive purposes may be encouraged to continue in their established locations.

Merchandise offered in the Zone of Primary Cultural Interest shall follow the spirit of the Public Resources Code regarding concessions at historic parks: "Certain agricultural, mercantile, or other commercial activities may be permitted, provided those activities are a part of the history of the individual unit and developments retain or restore historical authenticity." Authenticity of dress, interior decor, and merchandise shall be sought. All personnel shall conform to department standards for historic authenticity, as set forth in the directives. Where it is necessary, modern methods and equipment will fulfill the Public Health and Safety Codes. Methods and equipment that promote historical authenticity shall be sought.

## Recreation

Recreation at Columbia SHP shall be secondary to and compatible with the unit's primary historical purpose. Nonintensive recreation activities, such as sightseeing, picnicking, and hiking, are generally compatible, provided they do not intrude on the historic scene.

Certain visitor participation programs may take place within the Zone of Primary Cultural Interest. These include demonstrations, rides, and participatory activities that re-create historic activities, and others that promote the historic scene, such as period costume rental or purchase. Other public involvement programs, such as environmental living and camping, may be permitted outside the zone. Combined historic and natural interpretive trails will be offered outside the zone.

The Drillgrounds, north of town, is an area of recreational potential. It played an important part in Columbia's social life. Recreation that replicates historic activities, such as picnics, marching, and band concerts, may take place here.

Recreational activities that may have an adverse effect on the historic and natural environments, such as off-road vehicle riding, hunting, intensive-use recreation, etc., shall not be permitted at the unit.


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House museum

## Interpretation

Columbia will be interpreted as a gold rush community, representative of early mining in the Mother Lode for the period 1850-1870. Phases of the town's history within this period have been identified, and will be interpreted. The early years may be represented in areas such as the gold discovery site and Tent Town; the Main street scene deals with later years. A flow of history will be considered in interpretation at Columbia.

All resources preserved, restored, or reconstructed shall be effectively interpreted. Interpretive policies may incorporate a variety of uses for the resources, including active businesses, demonstrations, house museums, trails, passive recreation, and adaptive use for administrative and housing facilities. All resources at Columbia that have been identified or that may be discovered will be evaluated and considered for interpretation.

The Interpretive Prospectus presents guidelines for achieving the unit's interpretive objectives.

## Operation

Topics such as operational methods, schedules, and systems are discussed in the General Development Plan and Area Operations Plan.

All interpretation, development, and operation in the historic park by the department, and by its concessionaires, will be in conformity with Department of Parks and Recreation Resource Management Directives.

## GENERAL DEVELOPMENT PLAN




## INTRODUCTION

The intention of the General Development Plan is to provide general, flexible planning guidance. In conjunction with the Resource Management Plan, the General Development Plan sets developmental policy.

The plan contains an analysis of land use, interpretive and operational facilities planning, and a program for development.

## LAND USE ANALYSIS

This section discusses both regional and park land use characteristics and visitor origin and demand. Regional land use describes the park, and key environmental concerns that may influence its development. Park land use identifies and proposes the special characteristics of land use and circulation suitable for various types of activities consistent with the park's classification and declaration of purpose.

## Regional Land Use

The County of Tuolumne was founded in February 1850, as one of the state's

original 27 counties. Nearly 30,000 people live in Tuolumne County, where principal activities include cattle and poultry ranching, feed and fruit growing, lumbering, and recreation-tourism.

The following kinds of land use activities are found in the immediate vicinity of Columbia SHP:

## Recreational

Major recreational facilities in Tuolumne County include:

> Lake Don Pedro $-32+\mathrm{km}(20+$ miles $)$ from Columbia
> Yosemite National Park $-128+\mathrm{km}(80+$ miles) from Columbia
> Calaveras Big Trees State Park $-96+\mathrm{km}$ ( $60+$ miles) from Columbia
> Stanislaus National Forest $-160+\mathrm{km}$ (100+ miles) from Columbia.

Private camping facilities currently serving the Columbia area include:

Yankee Hill Campground .4 km ( $1 / 4$ mile) east of the park on Big Hill Road; approximately 20 units.
Forty-Niner Trailer Camp, .4 km ( $1 / 4$ mile) north of the park on Italian Bar Road; approximately 40 hookups.
Moaning Caves - A limestone caves attraction on Parrotts Ferry Road in Calaveras County, about 16 km (10 miles) from Columbia; a 150 -space campground is featured, with improved visitor orientation. These facilities would become more accessible to visitors.

Tours
The Columbia Airport conducts fly-in tours of the Mother Lode, featuring Columbia SHP, from the San Francisco Bay Area. Tours of the entire Mother Lode region are promoted by the Golden Chain Council of the Mother Lode, Inc., located in Auburn. The council serves visitors touring the counties of Sierra, Nevada, Placer, El Dorado, Amador, Calaveras, Tuolumne, Mariposa, and Madera, and ties the history of the region together.


Additional recreational facilities proposed for Tuolumne County include both local and regional facilities:

Local
Columbia Park (proposed at the dumpsite; 3rd priority, Tuolumne County General Plan, Recreation Element).

An 8.7-hectare (21.5+-acre) site just north of Columbia, with access from Parrotts Ferry Road. Tuolumne County is proposing facilities to include: a picnic area, tot lot, playground, softball field, nature study area, parking for about 100 cars, and a restroom.

Columbia Airpark - (proposed; 6th priority, county development)

Located at the airport, facilities will include picnic areas, a swimming pool, and a campground. The land is county-owned.

Bald Mountain Primitive Recreation (15th priority, county development)

Located about 8 km ( 5 miles) southeast of Columbia, this existing recreation area is proposed for expansion. Future development will include mainly day-use limited improvements of picnicking and hiking areas. Bald Mountain serves residents of the Sonora-Columbia area.

## Regional

New Melones Dam and Reservoir (proposed completion early 1980s, by U.S. Department of the Interior)

The New Melones Recreation Area begins on the Stanislaus River, about 8 km ( 5 miles) north of Columbia SHP, via Parrotts Ferry Road. Activities will include extensive picnicking, camping, boating, etc. The new reservoir and recreation facilities will greatly influence regional planning in the Sonora-Columbia-Angels Camp area. Traffic on Parrotts Ferry Road going through Columbia SHP will greatly increase as a result of this development.

The future development of recreational facilities in the Columbia area is dominated by present construction of the New Melones Dam and Lake project. Completion of the dam is expected by 1979, with initial recreational facilities, including about 900 camping spaces, due to be completed by 1980. Ultimate recreational facilities, including about 1,800 camping spaces, are planned for completion by 2080. Development of this project will also promote development of private recreational facilities.


## Educational

## Columbia College

A small, picturesque, 2 -year liberal arts campus, the college has high local cultural impact. Current enrollment is about 3000.

## Commercial/Industrial

## Columbia Airport

Tuolumne County's principal air traffic terminal is located $8 / 10 \mathrm{~km}$ ( $1 / 2$ mile) west of Columbia SHP. Yearly flights average 80,000 , including scheduled flights from the bay area.

Light Industry at Airport
Potential exists for limited light industrial development around the airport. Activity here will not directly affect Columbia SHP.

Commercial Strip on Parrotts Ferry Road Located on the approach into Columbia SHP, existing commercial development is a direct scenic and economic influence on the park. Characterized by tourist shops, motels, and restaurants, the commercial area falls under the Columbia Area Design Review Committee of the Tuolumne County Planning Commission. Parrotts Ferry Road, from Highway 49 to Columbia SHP, is a scenic historical corridor under county design review.


Parrotts Ferry Road commercial strip

## Shopping Center Development

Potential exists and a proposal has been made for minor shopping center development in the nonhistoric section of Columbia, just west of Parrotts Ferry Road. Under county planning jurisdiction, these businesses would cater to local, nonhistorical activity.

Scenic historic communities close to Columbia are:

```
Jamestown - 16+ km (10+ miles) south
Angels Camp - 32+ km (20+ miles) north
Murphys - \(24+\mathrm{km}(15+\) miles \()\) north.
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## Agricultural

Ranches are scattered throughout the area. The main activity is livestock raising. The principal agricultural activity is concentrated in the Yankee Hill-Big Hill and Springfield areas.

Left - the preservation of rural open scenes on Parrotts Ferry Road should be encouraged. Below - Springfield parce!


## Residential

There are currently two planned-unit residential communities in the immediate Columbia area. They are Gold Springs and Columbia Sky Park.

## Gold Springs

A 2-unit planned residential development on 280 acres, 3.2 km (2 miles) north of Columbia, via Parrotts Ferry Road. Minimum lot size is 1 acre. Gold Springs will increase traffic on Parrotts Ferry Road through Columbia SHP.

Columbia Sky Park Mobile Home Community A high-density, 20.2 -hectare ( 50 -acre) mobile home residential area, located next to Columbia SHP, on the west. The development is planned to contain 65 units. It will increase traffic through Columbia SHP.

Low-density, single-family dwellings, ranchettes, and small farms characterize residential land use around Columbia SHP. However, tremendous potential exists for further residential development of the area.

The character of county planning within the Columbia area should reflect the gold rush. County zoning laws and architectural design guidance are needed to reinforce the historical character of the park. Moreover, preservation and proper developme nt of the area's historic and scenic resources will promote quality architectural construction and community development.

Principal state highways and local roads serving the Columbia-Sonora area include:

Highway 49
Principal north-south transportation corridor of the region. Connects the entire Mother Lode of the Sierras.

## Highway 108

Principal east-west transportation corridor of the region. Connects the Sonora Pass Recreation Area with California's central valley. Both Highway 49 and 108 meet in Sonora.


Truck traffic on Parrotts Ferry Road (Broadway Street) can be very heavy.

## Parrotts Ferry Road

Main traffic access route through Columbia. The route connects State Highway 49 and 4.

## Big Hill Road

The area's main east-west route, connecting with Parrotts Ferry Road in Columbia.

## Saw Mill Flat Road

Located southeast of Columbia SHP, and serving Columbia College. This road connects Parrotts Ferry Road with Big Hill Road.


## Park Land Use

Columbia SHP is made up of three distinct areas - the townsite, the Bixel Brewery program, and the Springfield property.

The townsite parcel is shown by the ultimate proposed park boundary. The prime historic resources, interpretive facilities, and park administrative and maintenance facilities are all located here. The townsite contains both the historic town of Columbia and open space around the townsite.

The Bixel Brewery property, consisting of about 28 hectares ( 70 acres), is located approximately one-half mile north of the townsite, along Italian Bar Road. This land was intially acquired to facilitate development of Columbia's water supply system.

This property is moderately sloping black oak-forested terrain, with open grassland areas frequently grazed by horses. The effects of mining are minimal. Abundant water is present.

The historic Bixel Brewery (now ruins), the old Bixel Reservoir, and the contemporary water system are located near Italian Bar Road, the parcel's southern boundary.

A little-used contemporary dirt road enters the site from. Italian Bar Road, runs past the brewery structures, and ends well within the parcel, at an elevation affording panoramic views of Columbia and the foothill countryside.

The Springfield property, consisting of about 20 hectares (50 acres), is located approximately one-half mile south of the townsite, along Parrotts Ferry Road. This land was originally acquired to accommodate development of Columbia's sewage treatment facility. The property is generally flat, sparsely vegetated, and characterized by exposed limestone formations. A dirt road enters this site from Springfield Road, and serves as access to the sewage treatment facility at the center of the parcel. The extreme western portion contains part of the historic Springfield townsite.

The following land use policies are proposed to serve as guidelines for development of Columbia State Historic Park:

Development in the Zone of Primary Cultural Interest shall be historically authentic. Principal administrative and maintenance facilities, parking areas, and
visitor use facilities not compatible with the historic scene should eventually be located outside the zone.

Development within the proposed park boundary shall be compatible with the historic scene.

Land use planning at Columbia falls into six special categories. These are tailored to explain both existing and proposed park area development. They are intended to guide, but not restrict, development of specific activities. Unlike zoning ordinances, they define a general planning character for development, rather than regulating the density and kind of development.

## Existing Land Use

These categories refer to property now under state ownership (See Existing Land Use Map):

## Commercial Areas

These business-oriented areas contain existing historic structures. Centered in the 10 -block historic business core area, the areas include 32 commercial buildings erected in the prime period, and 7 reconstructed buildings erected within the last 20 years.

## Residential Areas

These scattered parcels of land include 42 historic and contemporary single-family houses. Most are park rentals, housing local citizens and park personnel.

## Site Interpretive Areas

These areas consist of open-space land with primary historic value, such as the Main Gulch mining and limestone areas inside the approved boundary line.

## Open Space Areas

These areas have secondary historic values and natural features; they include the natural meadow east of the old schoolhouse and drillgrounds areas.

## Vehicle Parking Areas

These lands are used to serve park visitors, park employees, and concessions employees. There are now 7 off-street parking areas under state ownership, totalling about 1.2 hectares ( 3 acres).

## Administrative and Maintenance Areas

Currently, one historic building is used as a park office. There are two principal maintenance areas, one near Tent Town, and one at the corner of Columbia and Fulton Streets. The two areas total about 1 hectare (2 acres).

## Proposed Land Use

The proposed land use plan (see map) is based on an analysis of Columbia's historical, functional, and aesthetic character. This map includes all properties within the proposed ultimate park boundary. Categories include:

## Commercial Area

This proposed area is an expansion of Columbia's commercial land use, taking in its historical business core, Tent Town, the Columbia School, and St. Anne's Catholic Church, all within the Zone of Primary Cultural Interest. The historic business community is expected to increase substantially, with reconstruction of 46 historic commercial buildings. The current number of 31 commercial buildings will increase to about 77.

## Residential Area

This proposed area is an expansion of Columbia's existing historic and contemporary residential land use, mainly north and east of the business core. In order to more fully portray Columbia as a living historic community, additional historic houses and historic-looking yet modern-functioning houses are needed within the park.

## Site-Interpretive Area

This proposed area represents the full development of prime historical resources other than commercial, including Columbia's gold discovery site, the Main Gulch hydraulic mining area, areas with outstanding limestone formations, and the Chinese terraces agricultural area.

## Open Space Area

This land would serve as a buffer area around the town, to protect primary historic features from modern development. Through acquisition, the existing open space area under park ownership will be expanded to
include the land linking Columbia SHP with Columbia College.

## Vehicle Parking Areas

All principal vehicle parking areas will eventually be located outside the Zone of Primary Cultural Interest. They will be developed to minimize their modern intrusive characteristics. Vehicle parking must satisfy visitor, concessionaire, and local needs. Visitor parking will be located close to the proposed visitor orientation center and park headquarters area. Local and concessionaire parking will be located close to the business core. Planned parking areas will total about 2 hectares ( 5 acres).

## Administrative and Maintenance Areas.

Principal administrative and maintenance land use will be developed outside the Zone of Primary Cultural Interest. Administrative headquarters will be located close to the visitor orientation center and parking facilities, next to the park's main entry point. Maintenance and storage will be located so as to be available for all park activities, and to be close to modern roads. The administrative and maintenance areas will total about 1.2 hectares (3 acres).


Traffic congestion on Jackson Street is due to on-street parking.

## LEGEND


SITE INTERPRETATION
CDID OPEN SPACE

- VEHICLE PARKING

888 88 ADMINISTRATIVE AND MAINTENANCE
Lemprivate property
APPROVED ULTIMATE PARK
BOUNDARY LINE
*e*ecese**ee ZONE OF PAIMARY CULTURAL INTEREST


Acquisition proposals shown here are intended for long-range planning purposes only, and are not a commitment for acquisition.


## Visitor Origin and Circulation

## Origin

Visitor attendance at Columbia SHP has shown a general increase in the past few years. Since 1968, visitation has risen $55 \%$.

Although most of these people travel to the park during the summer, Columbia is a year-round attraction. The following statistics verify these facts.

## Summary of Visitor Attendance for Columbia SHP

| Year | Attendance |
| :--- | ---: |
| $1968-69$ | 340,901 |
| $1969-70$ | 35,301 |
| $1970-71$ | 343,355 |
| $1971-72$ | 348,183 |
| $1972-73$ | 499,422 |
| $1973-74$ |  |
| $1974-75$ | 390,307 |
| $1975-76$ |  |
| $1976-77$ |  |
|  |  |
|  |  |
|  |  |

Monthly Attendance and Percentages for Columbia SHP in 1974

| Month | Attendance | \% of Total |
| :--- | :--- | ---: |
|  |  |  |
| January | 14,755 | 4 |
| February | 29,954 | 8 |
| March | 23,472 | 6 |
| April | 38,551 | 11 |
| May | 56,411 | 16 |
| June | 31,356 | 9 |
| July | 41,775 | 12 |
| August | 37,803 | 10 |
| September | 27,316 | 7 |
| October | 24,101 | 7 |
| November | 20,572 | 6 |
| December | 14,186 | 4 |

$58 \%$ of annual attendance occurs in summer. $\{$
$42 \%$ of annual attendance occurs in winter.

An analysis of visitor origins for nearby Calaveras Big Trees State Park indicates that visitors to that area come from a wide variety of locations. The greatest number, about $38 \%$, are from the San Francisco Bay Area, with 37\% from the Central Valley.
San Francisco Bay Area ..... 38\%
Central Valley ..... 37
Southern California ..... 8
Local ..... 7
Rest of California ..... 4
Out-of-State ..... 6


Table 1
Travel Time Zones From Major Metropolitan Centers

| Metropolitan Population Centers (MPCs) | Travel <br> Time Zone | 1970* | 1975 | Projected P.opulations* |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1980 | 1985 | 1990 |
| Sacramento Area MPC | 1-2 hour | 807,300 | 884,600 | 970,400 | 1,064,500 | 1,156,000 |
| Stockton-Modesto MPC | 1-2 hour | 487,700 | 524,000 | 570,600 | 619,600 | 672,000 |
| Fresno MPC | 2-4 hour | 413,800 | 452,400 | 501,000 | 552,900 | 603,300 |
| San Francisco Bay Area MPC | $2-4$ hour | 4,637,000 | 4,791,000 | 5,029,300 | 5,311,000 | 5,616,300 |

[^1]*Department of Finance Report 76-E-2 (1970 Population)

Columbia State Historic Park is within four hours' travel time of four metropolitan centers. These areas, representing more than 27\% of the total population of California, are the source of most visitors to the park. The travel time zones and the estimated and projected populations for these metropolitan centers are shown above.

It is apparent that recreational areas close to large metropolitan centers will be critically needed to meet future recreation demands. The continual growth in metropolitan areas, along with increases in leisure time, mobility, and uncommitted income to spend on recreational pursuits, will keep demand for recreation activities at Columbia high.

Cities within an hour's drive of Columbia SHP include: Sonora, Mariposa, Modesto, Angels Camp, and Jackson. Sonora, Tuolumne County's seat, is 8 km ( 5 miles) south of Columbia SHP, and is:

76 km ( 51 miles) from Modesto 105 km ( 65 miles) from Stockton 174 km ( 108 miles) from Sacramento 193 km ( 120 miles) from San Jose 217 km ( 135 miles) from San Francisco 571 km ( 355 miles) from Los Angeles.



FIGURE 14


FIGURE 15

## Circulation

Transportation routes within Columbia State Historic Park fall into two categories: those vital to the modern scene, and those vital to the historic scene.

When these routes converge or cross, there are often conflicts, either aesthetically or functionally.

The following circulation policies to minimize such conflicts are proposed:

Streets in the Zone of Primary Cultural Interest shall eventually be restored to their appearance in the prime interpretive period (1850-1870). Streets in the proposed park boundary shall be compatible with Columbia's historic character. Modern traffic, except for service vehicles, shall be eliminated from the Zone of Primary Cultural Interest.

Major Regional Routes
Broadway Street (Parrotts Ferry Road) Jackson Street (Yankee Hill Road)

Minor Regional Routes
Italian Bar Road
Local Roads
Columbia Street Main Street Pacific Street
State Street
Fulton Street
Washington Street

Bigler Street<br>Church Street<br>Maiden Lane Schoolhouse Road Gold Street Green Street

The existing circulation system in Columbia consists of the routes listed above (see Existing Circulation Map).

These roads are owned and maintained by Tuolumne County. Parrotts Ferry Road now serves as the main access road to Columbia. It is a two-lane, heavily traveled thoroughfare that connects with Highway 49 about 3.2 km ( 2 miles ) south of Columbia, and with Highway 4, 32 km ( 20 miles) north, in Calaveras County.

Yankee Hill Road intersects Parrotts Ferry Road, and is the only road leading to the rural communities east of Columbia. Italian Bar Road is a minor regional route that is heavily traveled by commercial trucks.

There have been previous efforts to alleviate the intrusion of motor vehicles on the historic scene. Washington Street and parts of Main Street, State Street, and Fulton Street are closed from May through September, 24 hours a day; from October through April, they are closed during park open hours. These roads, however, remain historically unauthentic. They are paved, and service vehicles use them, even during heavy visitor pedestrian activity. There are no service alleys in the historic area. Until service alleys are developed, concessionaires should encourage back-door delivery of merchandise.

Hiking trails, equestrian trails, pathways, wagon roadways, and other rural interpretive circulation routes are vital to the historic scene.

Current trail facilities are scant and ill-defined. The present stagecoach concession uses a dirt road in the southeastern part of the park. Nature trails exist, but are either county managed or privately owned, and do not formally tie into park interpretive programs. The Dondaro Trail runs between the Columbia Airport and the park, and crosses Parrotts Ferry Road. Other trails, informal and unmarked, are located on private land between the park and Columbia College. A comprehensive system of park interpretive trails is proposed for development.


Conflict between historic and modern vehicles

The following proposals are designed to resolve Columbia's circulation problems (see Proposed Circulation Map):

Certain streets should be restored to a condition simulating the prime interpretive period: Main Street, Columbia Street, Jackson Street, State Street, Fulton Street, Washington Street, and Broadway Street. Soil cement or decomposed granite should be used.

The modern Columbia Street extension should be removed, and developed as an interpretive trail. This part of Columbia Street is a purely modern nonhistoric road, built to accommodate the intermittent closure of certain other streets in the historic business area. This accommodation will be handled by improving Pacific Street as a transportation thoroughfare. The Columbia Street extension now divides the Zone of Primary Cultural Interest, separating the business core from the original tent town site, the gold discovery site with its limestone formations, and other natural interpretive areas. This separation should be eliminated by removing the road.

When Jackson Street and Main Street are restored, Pacific Street should be developed as a bypass road, and Columbia Street's modern extension removed. This would allow the historic business core area to be free of through traffic, while allowing east-west traffic through Columbia.

A system of interpretive and nature trails should be developed to: provide visitors with a variety of historic transportation experiences, such as stagecoach, wagon, and

horseback rides; link proposed park orientation facilities with other park activities; link Tent Town to the business/concessions core; interpret the mined-out limestone formations in areas completely removed from motor vehicles; and link Columbia's historic townsite with the historical Bixel Brewery property, $8 \mathrm{~km}(1 / 2$ mile) to the north, the historical Springfield property, $.8 \mathrm{~km}\langle 1 / 2$ mile to the south, and Columbia College, to the east.

The Tuolumne County General Plan also proposes development "of trails leading from Columbia State Park to nearby recreation spots or other areas of interest, such as Columbia College, Bald Mountain, Telegraph Hill, New Melones Cave country, and the airport, as part of the long list of recreation attractions at Columbia

A Parrotts Ferry bypass road could be developed west of Columbia, to relieve the park of through traffic. This development would reduce the impact of motor vehicles on Columbia, and has been discussed in the Tuolumne County General Plan.

An Italian Bar bypass road could be developed, to reduce the traffic entering Columbia's downtown area along Italian Bar Road.

The Department of Parks and Recreation does not advocate any one route in particular. Specific routing is the responsibility of the County of Tuolumne. The proposed circulation map intends only to show the concept of a bypass road, and cannot propose this or any other specific route.


Main Street - Then and now

A complete system of concession service alleys should be developed, to keep vehicles off the streets in the historic business core area. This development would help remove the modern visual intrusion of motor vehicles in downtown Columbia, and would better serve the needs of business concessions.

Bicycling in the Mother Lode is a popular pastime. Current routes in and around Columbia follow existing roads. Bicycles were not part of Columbia's story, and bicycles cannot be allowed in the Zone of Primary Cultural Interest. Furthermore, bicycles should not be allowed on streets closed to traffic.

In order to see the Zone of Primary Cultural Interest, bicyclists will park at the periphery of the zone. Two bicycle parking/storage areas will be developed in conjunction with motor vehicle parking areas, one in the main visitor parking lot, and the other at the local parking lot at the corner of Jackson and Columbia Streets. Security aspects of bicycle parking should be considered.

The state and the County of Tuolumne should coordinate and improve bicycle route development. Currently, a Department of Parks and Recreation guide to bicycling the Mother Lode is available. Bicycling is a desirable method of travel, and will be planned to work in harmony with the


## INTERPRETIVE FACILITIES

This section is a study of the facilities that explain Columbia's gold rush history as a town and its purpose as a park, consistent with resource management policy. The section serves as a guide for specific interpretive development of the park's cultural and natural resources.

Columbia is intended to be a living representation of a mining community of the early California gold rush days. Several historical surveys have been conducted since the Olmsted report in 1929 (see table), to determine the key aspects of Columbia's history. The information in these reports has been used to derive the recommendations of this section. Details of the interpretive program are described in the Department of Parks and Recreation's Columbia State Historic Park Interpretive Prospectus, on file with the department.

The following historical surveys contain historical/interpretive information that serves as a basis for this section of the report:


City HoteI

Table 2
Historical Surveys on Columbia

| Report | Author | Date |
| :---: | :---: | :---: |
| Report of State Park Survey of California | Frederick Law Olmsted | 1929 |
| Report on the Columbia Historic Park Project | Frederick Law Olmsted | 1946 |
| Columbia Historic State Park: Historical Summary and Recommendations | Aubrey Neasham | 1948 |
| Master Plan Report for the Development of Columbia State Historic Park Architects | Bliss \& Hurt, Trudell \& Berger | 1950 |
| Historical Research | Barbara Eastman | circa 1965 |
| Interpretive Plan for Columbia State Historic Park |  | 1963 |
| Historical Recommendations | Allan Welts | 1970 |
| Resource Inventory | Dept. of Parks \& Recreation | 1975 |



Historic Building Development


St. Charles Saloon, before and after restoration

Unlike many California gold rush towns, the physical layout of Columbia has undergone little change over the years. An organized plan of streets and lots was laid out in September 1851, and only limited portions of three streets in the downtown area have since been realigned - Washington Street between Main and Broadway, Jackson Street between Broadway and Gold, and Broadway south of Washington Street.

The buildings in Columbia, however, went through a rapid evolution, from shanties to wooden frame to brick structures. Severe fire damage in 1854 and 1857 encouraged construction of more substantial frame structures, and brick buildings with cast-iron shutters and doors in the business district. Additional fires in 1861, 1865, and 1866 caused further destruction of buildings. Some of these were rebuilt, but many were not.

Early surveys of Columbia indicate that there are about 350 lots within the area designated by the proposed park boundary. During the prime interpretive period, 1850-1870, most of these lots contained several buildings. Since the use of these buildings was also constantly changing, it has been difficult to accurately research the history of each lot.


Columbia schoolhouse before restoration (1949)


Columbia schoolhouse after restoration


St. Anne's Catholic Church is slated for early restoration.

The Historical Lot Survey in the Appendix is a synopsis of the important information relating to most of Columbia's historic lots. It identifies most of the various buildings that are known to have existed in the town, and lists their uses. The data are based on research by Frederick Law Olmsted, Jr., Barbara Eastman, Aubrey Neasham, Allan Welts, and the Department of Parks and Recreation. This research has provided the basis for making plans for restoration and reconstruction.

There are two schools of thought regarding restoration in Columbia. One of them calls for restoration to conditions identical to those existing when the town was new. The other confines itself to cautious removal of modern development, and retaining a range of historic features from the prime period, with a few examples of later development.

The latter approach is preferable, because it would show Columbia as it became over the course of 20 or 30 years, rather than as an immaculate reproduction or a neglected and abused settlement.

The plan recommends a compromise in the reconstruction of Columbia. It would not be appropriate to completely rebuild the town; that would damage, the historical impact of existing structures built during the gold rush area. Therefore, a select number of building reconstructions, complementing but not overwhelming existing structures, is proposed.

The Historic Building Development Outline contained in this report identifies for each lot the historic buildings within the proposed park boundary, their dates of existence, and their historical uses. These buildings were selected on the basis of: the recommendations of previous historical surveys; their historical locations and subsequent uses as concessions or museums; and a variety of architectural styles and building uses.


Restoration of an historic building

There were about 400 buildings constructed between 1850 and 1870 in Columbia. Those buildings contained about 500 different kinds of businesses. Many buildings housed a number of businesses. Residential structures numbered about 150. Today, about 90 historic buildings have survived.

The Historic Building Development Outline provides summary information on 350 building lots located within the ultimate proposed boundary of the park. Each lot is identified by a historic or contemporary name, if known. The name represents the most appropriate historic structure for the lot.

The outline also describes the current use and development of each lot, and provides recommendations for restoration and reconstruction of historic buildings. Since the general development plan is intended to be a flexible document, specific uses for buildings are not identified. However, knowledge of the scope of development contemplated is necessary to gain an understanding of ultimate development commitment and costs. Lists summarizing outline information are contained in the Appendix.

Historic background information on lots in the Zone of Primary Cultural Interest is found in the Historic Lot Survey, in the Appendix.


Wells Fargo Building today


Wells Fargo Building, circa 1868










Columbia Mercantile Building


Franco's Cabin, on Main Street, is a fine historic structure that may be relocated to a more appropriate site.


Eagle Cottage, on Washington Street, was a complete reconstruction.

## Interpretive Period and Themes

The following interpretive themes are broad categories that describe the most significant aspects of Columbia's history. They are based upon historic research, and are harmonious with the declared purpose of the units.

## Primary Themes

## California Gold Rush Town of 1850-1870; Trade Community

The primary interpretive resource at Columbia is the town itself. What began in 1850 as a simple collection of tents and shacks soon developed into one of the largest California gold rush communities. By 1860, however, the town began to decline; by 1870, most of the gold production had ended.

## Secondary Themes

The evolution of gold mining techniques and the importance of water.

Gold mining provided the basis for Columbia's existence. Gold pans, ground sluices, and longtoms were the basic placer mining equipment. Hydraulic and hardrock mining were also practiced, causing extensive damage to the landscape - damage that is still visible. These activities were dependent on a constant supply of water, and over the years, several water systems were developed. Interpretation of this theme will provide an insight into the major engineering and technological efforts required to extract gold.

## The Geological origins of gold

Gold originated because of a combination of geological forces. Millions of years of uplifting, faulting, and erosion resulted in the deposition of ore in the Sierra Nevada around Columbia. An understanding of how these minerals were formed is important to explaining how they were deposited.


Columbia, circa 1860. St. Anne's Church is in left background.


California gold rush-period architecture: evolution of sty/es and building techniques

Architecture in Columbia went through a rapid evolution from shanties to substantial brick and frame structures. Only the later buildings are still standing, either in original form, or as reconstructions. Columbia's first substantial structures, constructed of wood, proved to be inadequate. Severe fire damage encouraged construction of fire-resistant brick buildings in the business district, and use of cast-iron shutters and doors. A number of brick manufacturers sprang up in the area.

The impact of the gold rush on physical and cultural ecology

The impact of the gold rush on the physical environment and ecological balance was significant. Although much of the vegetation has regenerated, the landscape was devastated by mining practices. Drainage patterns were changed by major efforts to rechannel water into the mining areas.

Hydraulic mining caused massive erosion and silting problems downstream. The wildlife habitat was also greatly altered by mining, and the ecological balance was disrupted.

The transportation and communication systems of Columbia

This theme explores the various routes and means of transportation and communication. Goods from all over the world were delivered to Columbia in its early days by ship, wagon, and stagecoach.


## Interpretive Areas and Methods

There are nine interpretive areas at Columbia State Historic Park (see Interpretive Areas map). These contain the various historic and natural features that provide a basis for interpreting the major themes. The following outline briefly describes each interpretive area and identifies development potential.

## Historic Business Core Area

This 10 -block area served as the heart of the town's business activities. During the prime interpretive period, this area was, and still is, the center of Columbia, and Columbia SHP. Although there were 6 major fires that devastated the area in its early days, buildings were reconstructed. The overwhelming majority of original structures remaining in Columbia are located in this high-density area. The emphasis of historic building development, including stabilization, restoration, and reconstruction, will be in this area.

## Tent Town Area

This is where the Hildreth party, in 1850, first set up camp near the gold discovery site. It became known as Hildreth's Diggins, and was changed to American Camp when the settlement began to grow. The name, however, was short-lived, and the town was given the name Columbia.

The tent town area today contains a service maintenance facility within a natural open space. Some of the original tents and wooden buildings should be reconstructed, to tell the story of Columbia's establishment.

As a flexible, multi-use area portraying the spirit of excitement, it would contain a wide variety of historically oriented activities.

The town itself would contain a nucleus of permanent structures, around which additional temporary structures could be developed for special events.

A living history program could be established in which visitors, particularly school children, would experience gold rush life through role-playing.


## Main Gulch Mining Area

This area, once heavily mined by hydraulic methods, is now a visitor parking lot. Since the gulch has been filled with soil to accommodate the parking, this area bears little resemblance to its appearance in the early mining days.

It is proposed to relocate this parking area outside the Zone of Primary Cultural Interest, and to provide authentic displays and demonstrations depicting the various mining techniques, principally hydraulic mining.

## Gold Discovery Site

This is where the story of Columbia began. Historical accounts state that on March 27, 1850, a party of Mexicans from Santiago Hill, one mile northwest of Columbia, first found gold on this site. Dr. Thaddeus Hildreth later led his party to the same general area.


Located near the foot of Columbia Street, this area presently contains several mining displays, and offers gold panning for visitors. These displays, however, shouid be further developed, to include visitor participation in various gold mining techniques.

## Residential Area

Historically, this is where most of Columbia's residents have lived. Located in the northeastern part of Columbia, it serves as a pedestrian link between the business core and the old schoolhouse.

During the prime interpretive period, there were about 50 residences in this area. Today, only a few of these remain, and several modern buildings have been constructed. This plan recommends period restoration and reconstruction of the remaining historic residences, and historic improvement of modern residences. The plan lists 84 lots with residences. This 14 -acre area would contain about 33 residences, or about one-third. The remainder are scattered throughout the park.

## Limestone Area

This area was heavily hydraulicked during Columbia's early years, and was reduced in elevation between 5 and 10 feet in some spots. Today, many of the interesting limestone formations resulting from this mining activity remain. Tremendous amounts of natural vegetation have gradually intruded into this area, and several exotic species planted by the early settlers, such as the Tree-of-Heaven, are also present.

The story of how this land was devastated by mining and how nature has reacted to this damage should be interpreted by providing additional interpretive trails in the limestone area.

## Natural Area

This is one of the few areas that has remained mostly unchanged. It includes the two large open spaces east of the old schoolhouse, about 8 hectares ( 20 acres) in size, and about 4 hectares ( 10 acres) west of Italian Bar Road. They are important to park visitors today, because they provide an opportunity for development of such passive recreation facilities as interpretive trails, picnic sites, and rest areas.

The historic drillground for the Tuolumne County Guard is located in this area, north of the historic business core area and west of Main Street. The spirit of this area should be captured by its use for special events, such as parades and large assemblies. Some initial preparation, involving limited clearing of second-growth plant material, would be necessary to accommodate parade ground activities.


## Chinese Terrace Area

As a gold rush community, the town of Columbia displayed a wide variety of lifestyles. The Chinese Terrace Area, southeast of the limestone area, was once the home of a small Chinese agricultural operation. Although the surrounding natural vegetation has encroached on these gardens over the years, the hillsides still have a terraced appearance. The story of Chinese agriculture in Columbia should be told in this area, through interpretive trails and outdoor displays.

## Old Schoolhouse and Catholic Church Areas

These two areas are part of the Zone of Primary Cultural Interest, although they are separated from the main body of the zone. The old schoolhouse area is in state ownership; the Catholic Church is not state-owned. Both exhibit prime historic features.

The old Columbia schoolhouse area contained the Columbia schoolhouse and about . 8 hectares (2 acres) of land surrounding the historic structure. The structure itself is fully restored, and serves as a house museum demonstrating educational life during the gold rush era.

The Catholic church area contains St. Anne's Catholic Church and about .8 hectare (2 acres) of land, including a small hillside cemetery. Both the church structure and the cemetery need repair, and will be restored after acquisition. The church will serve as a house museum portraying the religious life of the gold rush era, and will be available for actual church services on special occasions.

There is a potential for viewing the main townsite from high vantage points in both areas. Visual interpretation of the rest of Columbia from these two areas will be developed. A system of trails will link these areas with the rest of the park.

## Visitor Orientation

The park currently lacks meaningful visitor orientation. The locations of the museum and office do not effectively serve visitors.

The park museum, temporarily located in the Knapp Building, historically a general
store, and the park office, located on Jackson Street, presently serve as visitor contact points. These buildings, however, are inadequate to give visitors a comprehensive orientation.

The park museum needs additional space. The museum is a vital asset to the park, and should be further developed in a larger building.

The park office, the chief information center, is difficult for visitors to locate, and is in a restored historic building. The park office will need expansion and a more highly visible location, as the park grows.

The long-range proposal calls for a visitor orientation center and park administration building that would be outside the Zone of Primary Cultural Interest, next to the proposed main visitor parking area (see Program for Development, Phase III). In the interim, the Terpsichorean Hall on Washington Street will be restored in Development Phase !, and adapted for use as a museum and center. This location is closer to existing visitor parking, but still inside the historic business core area. Once the new visitor orientation center is constructed, in phase III, the Terpsichorean Hall will be used for other interpretive activity.

In order for visitors to gain the highest interpretive value from Columbia SHP, visitor orientation should be at an initial contact point, between visitor parking and the historic town itself. Furthermore, the museum should be able to portray the town's history, using a variety of methods, including audio-visual and lighting techniques. This can happen only outside the Zone of Primary Cultural Interest. Therefore, the location of visitor orientation facilities must be close to visitor parking and entry, and must be outside the Zone of Primary Cultural Interest.


Historic site of Terpsichorean Hall


Historic modes of transportation are available


Appropriate costumes and activities should be encouraged.

## Interpretive Concessions

The purpose of Columbia SHP is to present a historically representative experience and setting for park, visitors. In concert with this purpose are ideas of visitor participation and re-creating the past. Visitor participation will involve people in the stories or themes presented at the unit. Learning then becomes experience-oriented, longer lasting, and more significant. Living History endeavors to present the past in an active, dynamic, and accurate manner. Through role playing, concessionaires or park personnel in appropriate costume, carrying out appropriate activities in an accurate historic setting, can act out history, with many opportunities for visitors to be involved in vital roles. To open a door to the past, appropriate activities using accurate materials and methods, accurate demonstrations, and opportunities for visitor participation, are needed.

Concessions provide living history. The department has adopted a policy of allowing concession-operated commercial establishments and activities to enhance visitors' experiences. Even though concessions cannot and should not carry the total load of interpretation, if effectively supported through training and guidance, concessionaires can make available to the public many facilities and materials not provided by the department.

Setting is important, but detailed accuracy may be tempered with the needs and interests of the public to engage in compatible activities not necessarily documented as having occurred at Columbia. Outside the Zone of Primary Cultural Interest, more flexibility may be allowed, as long as the result of private and public efforts is to provide an appropriate and compatible setting and human experiences.

There are currently 50 concession agreements within Columbia SHP (see table). 21 of these are house rentals. Once the proposed restorations and reconstructions are completed (see Historic Building Development), total concessions will increase to about 150 , and house rentals to about 50 .

Table 3
Summary of Concessions Operating Within the Park, October 1977

Businesses: 21 Commercial Businesses
Barber Shop
Blacksmith Shop
Cheap for Cash Store (antiques)
City Hotel
Columbia Candy Kitchen
Columbia Confectionery and Bakery
Columbia Gazette
Columbia House Restaurant
Columbia Mercantile
Douglass Saloon

Ebler's Harness Shop
Fandango Hall
Lode Lore Shop (gifts) - Towle \& Leavitt
Hidden Treasure Gold Mine (Tour)
New York Drygoods Store
Photo Shop
Prospectors Trading Post (gifts)
Stage Coach Ride
St. Charles Saloon
Carpenter Shop
Artist Shop

Institutional Activity: 7 Public and Private
Fallon Theatre - Summer Theatre - Sponsored by University of the Pacific in Stockton.
Eağle Cottage - School Use - U. O. P.
I.O.O.F. Lodge

Masonic Lodge
Native Sons of the Golden West
Tuolumne County Justice Court - Legal Necessity win Columbia District.
U. S. Post Office - Current Capacity Exhausted, Need for expansion of facilities, Post office serves greater Columbia area 2000 pop.

21 - Residences as Rental House Agreements - Park Personnel and Public Uses.
1 - Storage Bldg.
Total 50 - Concession Agreements

A list of businesses and business people who are currently not represented or are underrepresented in Columbia, but would be valuable interpretive assets. It should include, but not be limited to:

Fruitstand
Gunsmith
Tinsmith
Silversmith
Wheelwright
Furniture builder
Brewery
Livery
Vegetable and flower gardens
Farm
Bookstore selling prints, lithographs, and general historical narrative about Columbia, in addition to popular books of the period
Hotels
A variety of restaurants - Chinese, French, Italian, Mexican, etc.
Laundry
Syrup manufacturer
Leathercrafter
Soda fountain
Seed store
Kitchenware and stove store
Brick works
Billiard Hall
Bakery
Upholstery
Coffee house

## Concessions Development

Guidance for determining the suitability of new concessions and the appropriate locations of those concessions is based on the following criteria:

1. Historic authenticity and/or compatibility of the concession.
2. Availability of historic buildings compatible with the business.
3. Improving visitor understanding of the gold rush era by illustrating patterns of historic town development and land use, as established through historical research.
4. Yielding to operational, maintenance, and security constraints.
5. Ability to be an active business.

Exact historical locations for new concessions may not be as important as appropriate locations based on all of the criteria.

When considering a new concession, its historical, aesthetic, and functional suitability must be established. A new concession, identical or similar to historic businesses, would be considered suitable for Columbia SHP.

The department must be able to take advantage of a worthwhile interpretive concession when it is proposed by the private sector. New business/building proposals should not be precluded because of established developments or strict sets of priorities.

The interpretive concessions program must remain flexible in its development, because of the inherent unknowns of future opportunities. An in-depth look at every concession proposal must be made, under the overall guidance of interpretive goals.


City Hotel lounge

The department must leave its options open when considering specific concessions proposals.

Concessions management in Columbia SHP is curently handled by park personnel at the unit, and at the department's Sacramento headquarters. As more concessions are developed, there will be a need for an on-site concessions office to coordinate programs and provide information on:
county business policy and procedures (taxing - possessory interest, inventory, personal property, licensing);

Contractual information and programs (individuals, associations or groups, private capital investment);
interpretive guidance and instruction (merchandise quality, employee dress, employee training, crafts instruction); and
marketing and visitor information (interpretive marketing reserach, merchandising innovations, product/artifact sources, business trends and forecasting).

There are several alternative ideas proposed for management of Columbia SHP's concessions by an on-site concessions officer.

The first deals with the possibility of contracting with a master concessionaire, for profit. This would entail a single managing entity for all business operations. Salaried operators would be provided for all concessions. Net profits would not be necessary in individual shops, but large- profit businesses could possibly make up losses or support marginal businesses. The core area of the park would be more restrictive about the types and authenticities of concessions, while the area outside the core would be less restrictive. The State Park System would guide the master concessionaire, and could review individual concessions endeavors.

The second alternative deals with the possibility of a non-profit corporation as a master concessionaire. This would entail a board of directors, selected by the department. Any profits would be used to increase the quality and quantity of the interpretive effort.

The third deals with the possibility of the department itself acting as a master concessionaire. This would mean development of a civil-service "craftsperson" series, for operation of concessions. Money earned would revert to the SHP, rather than the general fund. The department could provide uniforms, costumes, and people to deal with both businesses and interpretation. Training for the new civil-service class would be in interpretation and concession operation, as well as in skill development.


A bucket brigade


[^2]
## LEGEND

| $\square$ existing structures |  |
| :---: | :---: |
| 㑑 | III Proposed structures |
|  | 7 If AdMINISTRATIVE AREA (PROPOSED) |
| P888 | 9 maintenance area (proposed) |

Acquisition proposals shown here are intended for long-range planning purposes only, and are not a commitment for acquisition.


FIGURE 20


## OPERATIONAL FACILITIES

This section studies the limits within which the park will be operated and interpreted, consistent with resource management policy. A specific operations program for the proposed facilities will be produced, once funding is approved. Refer to the Park Land Use section of this report for land use policies that serve as guidelines for future development of operational facilities.

Columbia's operational facilities include administrative and personnel housing, vehicle parking, security and emergency service, and utility service.

## Administrative and Personnel Housing

Existing administrative facilities are in a 2 -story park office building of about 1200 square feet, located on Jackson Street. The building contains the area manager's office, the park secretary's office, a small visitor lounge, employee restrooms on the first floor, and a small meeting hall and architects' office space on the second floor.

The park office functions as an administrative center for operating the park and managing Columbia's concessions program. This building, however, will become inadequate when more interpretive and concession facilities are developed and additional park personnel are added. A new administrative facility is proposed in phase 3 development near Maiden Lane, outside the Zone of Primary Cultural Interest (see Program for Development). It would be located near the proposed visitor orientation center (see Interpretive Areas and Methods).

Current maintenance and storage facilities in Columbia SHP are: (1) four contemporary maintenance buildings and a service yard in the Tent Town area; (2) two buildings at the corner of Columbia and Fulton Streets; (3) one storage building at the Springfield parcel; and (4) other scattered historic buildings, used primarily for storage. All these facilities except the Springfield building are located in the Zone of Primary Cultural Interest, and will eventually be moved outside the zone. (See Program for Development.)


Existing maintenance facilities


Park maintenance in progress


As more buildings are restored and reconstructed, there will be a need for additional maintenance. A maintenance and storage area is designed in Phase 2 development, near the corner of Bigler and State Streets. This facility would use 3 buildings proposed for reconstruction, and several contemporary buildings to be constructed. These structures would contain a field office, shops for building and equipment repair, and storage space for building materials, artifacts, supplies, and concession merchandise. Many historic artifacts will require special temperature and humidity conditions.

The field office would serve maintenance and storage activities. Shops would provide: archeological and architectural stabilization and restoration resources; sign construction, maintenance, and installation; landscape maintenance; custodial maintenance; park utility and street maintenance; and interpretive street furniture construction and maintenance.

The present restroom facilities do not meet visitor needs. One public restroom has an appearance compatible with the historic scene; it is next to the park museum on State Street. The only other public restroom is next to the visitor parking lot in Main Gulch. This restroom is proposed to be relocated to Tent Town, when Main Gulch is restored in Phase 3 development (see Program for Development).

Four additional public restroom facilities are proposed: for the northern part of the historic business core area; near the Old Columbia Schoolhouse; near the historic drillgrounds area; and inside the proposed visitor orientation center.


## Park Residences and Staff

There are now 42 residences under state ownership within Columbia SHP. 21 of these are occupied by park employees and private parties. This use is planned to continue, to perpetuate Columbia as a living community.

The following list shows present personnel at the park. Staffing is adequate to handle current operations.

1 - State Park Manager II
2 - State Park Rangers I
1 - Park Maintenance Supervisor 1
1 - Park Maintenance Worker II
4 - Park Maintenance Workers I
1 - State Park Attendant
1 - Stenographer
11 - Permanent
As park facilities increase, there will be a need for additional park personnel. The following personnel may eventually be included on the Columbia SHP staff:

1 - Park Information Officer
1 - Business Concessions Officer in Residence
1 - Architect in Residence
1 - Historian in Residence
1 - Archeologist in Residence (Part or Fulltime)
14 - Docents (Seasonal)
2 - Night Security Guards
1 - Day Security Guard (in costume)


Security is a principal operational factor


Columbia Post Office and Park Office on Jackson Street

## Vehicle Parking

Vehicle parking space in Columbia serves the needs of park visitors, park employees, concession employees, and local citizens. There are currently 7 parking areas within the proposed ultimate park boundary. Except during the closure of Washington Street, State Street, Fulton Street, and parts of Main Street between May and September, cars are also allowed to park on the streets of Columbia.

This plan advocates eventual relocation of vehicle parking areas outside the Zone of Primary Cultural Interest, and increasing the present capacity from about 330 cars to about 675 cars. 5 of the 7 existing parking areas will be removed, as shown in Table The lots near the Old Schoolhouse and Catholic Church will remain, and 4 additional parking areas will be installed, 2 in Phase 1 and 2 in Phase III.

The principal visitor parking lot will be relocated from Main Gulch to an area west of Church Street, near the proposed park administrative and visitor orientation facilities. The main concession employee and local patron parking will be located west of Broadway Street.

The parking area on the corner of Columbia and Jackson Streets, even though within the Zone of Primary Cultural Interest, will remain temporarily, and will be screened with landscaping to minimize intrusion. This lot currently serves the post office, which has about 4,000 regular customers, and other local businesses.

Main visitor parking lot in Main Gulch


Table 4 Existing and Proposed Parking at Columbia

## Existing Vehicle Parking

|  | Lot Location | Use | Capacity | Development |
| :---: | :---: | :---: | :---: | :---: |
| 1. | Main Gulch | Visitor | 150 | Remove in Phase III |
| 2. | Core Area Block 16 | Concession Employee | 40 | Remove in Phase I |
| 3. | Core Area Block 15 | Hotel Employee and Guest | 20 | Remove in Phase I |
| 4. | Jackson \& Main St. | Locals | 20 | Remove in Phase if |
| 5. | Jackson \& Columbia St. | Locals and Visitors | 40 | Remo ve in Phase III |
| 6. | Old Schoolhouse | Visitors | 50 | Maintain |
| 7. | Catholic Church | Visitors | 10 | Maintain (once acquired) |
|  |  | Total Capacity: 330 |  |  |
| Proposed Vehicle Parking |  |  |  |  |
|  | Lot Location | Use | Capacity | Development |
| 1. | West of Main Gulch | Visitor | 150 | Develop in Phase 111 |
| 2. | West of Broadway on Göld Street | Park and Concession Employees Hotel Guests Visitor Overflow | 225 | Develop in Phase 1 |
| 3. | South of Presbyterian Church | Local <br> Church <br> Patrons <br> Visitor Overflow | 100 | Develop in Phase 1 |
| 4. | Historic Drillgrounds | Visitor | 100 | Develop in Phase III |
| 5. | Existing Lots To Remain | Visitors and Locals | 100 | Maintain |
|  |  | Total Capacity: 675 |  |  |

## Security and Emergency Service

As a living town, Columbia SHP is susceptible to the security and safety problems of any community. As the park grows, security and safety will become increasingly important. Factors that are important in maintaining a safe park atmosphere include: fire protection, protection from vandalism, general law enforcement, visitor control, and emergency services.

Effective fire control and law enforcement calls for close state-county ties. Columbia is susceptible to structural and terrain fires. The Volunteer Fire Department and the Columbia Park Fire Prevention Facility should continue to work together. A modern Van Pelt fire engine is operated by park personnel, and the townsite has the additional protection of a volunteer fire department located on Jackson Street, outside the Zone of Primary Cultural Interest.

There are no central alarm systems or full-time firemen. California Department of Forestry units from Sonora can respond in 10 to 15 minutes. Air-attack planes carrying fire retardant chemicals are available all summer from the Columbia Airport, one-half mile away.

In most cases, vandalism has been mild. Efforts are being made to stop all digging for bottles or other hidden artifacts. Many archeological sites are known to exist, and steps are being taken to protect them. Known Indian grinding rocks are left with a natural covering of leaves, until they can be adequately interpreted in the future. All park personnel are alert for anyone digging on park property, and take any action necessary to stop the digging. So far, no citations have been issued. Frequent patrols on foot and by vehicle on busy days also help control potential violators.

Since state and private ownership are so intertwined in Columbia, many park visitors are unaware of exactly where the park regulations are enforced. Visitors often unknowingly trespass on private property. This problem can be handled by better visitor orientation, signs, and enforcement. A security and emergency service facility will be developed as part of the park administrative headquarters, along with the visitor orientation center.

## Utility Service

Utilities are vital aspects of the park's development. Current and future estimates of demand are a necessary part of planning. These services include electricity, propane supply, water supply, telephones, sewerage, and solid waste disposal.

The following table lists current utility service demand of state-operated facilities. Since concession-operated facilities are monitored on an individual basis by local utilities, their totals are not contained here.

A complete utility service report, covering both current and projected demand, should be made part of a specific operations plan for Columbia SHP.

Current utility service demand for state-operated facilities:

Electricity - 9,000 KWH per month
Propane - $\quad 13,000$ gatlons per year-(above-ground storage tanks)

Water - 201,000 cubic feet per year Source: Matelot Reservoir

Telephone - 40 phones (total within entire park)

Two public telephones - one located outside the post office, one located near the Columbia Schoolhouse.

Sewerage -
All sewerage is accommodated by the sewer treatment plant, located in Jamestown, about 16 km (10 miles) south of Columbia.

Solid Waste - 200 yards per week loose ( 70 yards per week compressed) Disposal is handled through sanitary landfill operations.

The general plan advocates increasing park development, both operational and interpretive, by about 250 percent. Future utility service demand will rise as a consequence, and will be planned in concert with government agencies and private utility companies. Park facilities will be planned to accommodate anticipated increases in utility services.

## PROGRAM FOR DEVELOPMENT

The program for development identifies the overall scope of development to be accomplished over a span of 20 years or more. Each development phase consists of: (1) appropriate park land additions; (2) facilities.


Restored street scene showing interpretation of fire cistern.


Newly arrived visitors waiting for stagecoach as park employee carts luggage to hotel.

## Proposed Park Land Additions

The following discussion, and all previous comments regarding land acquisition, are intended for long-range planning purposes only, and are not a commitment for acquisition.

Land in and around Columbia State Historic Park falls within one of two spheres: the original townsite (historic, commercial, and residential areas); and the greater Columbia area (modern residential, agricultural, and commercial lands).

Columbia SHP, unlike most state parks, has an approved ultimate boundary. The State Park and Recreation Commission in 1948 approved a park boundary within the original Columbia townsite of one square mile. Using the boundary as a close guide, the commission in 1956 affirmed an ultimate boundary for acquisition, following current property ownership lines.

Land within the approved park boundary is under a patchwork of state, county, private, and institutional ownership.

Columbia SHP is made up of about 120 separate pieces of property, separated by land under county jurisdiction (streets and roads), and land under non-state ownership (county, private, and institutional).

There are about 200 acres within the 1956 park commission-approved uitimate park boundary. 100 acres are currently state-owned. This plan proposes to modify the 1956 boundary, as shown by the appropriate park additions map. This proposed ultimate park boundary calls for about 50 acres to be added to Columbia SHP, rather than the 100 acres recommended in the 1956 boundary.

Acquisition of this 50 acres will physically tie together the major parts of the park under one jurisdiction; effectively develop the secondary interpretive themes of the resource management plan; and adequately protect and separate the prime historic zone from surrounding modern areas.

Additional acquisition beyond the 50 acres would not be necessary, if historically appropriate architectural controls and zoning ordinances are applied.

The Department of Parks and Recreation will not actively pursue acquisition of land outside the proposed ultimate park boundary line.

A general program for adding land to Columbia SHP should be based on the following priorities:

1st Priority -
Land in the Zone of Primary Cultural Interest (about 10 acres).

## 2nd Priority -

Land outside the Zone of Primary Cultural interest, but within the ultimate boundary, relating to Phase 1 development.

## 3rd Priority -

Land outside the Zone of Primary Cultural Interest, but within the ultimate boundary, relating to Phase 2 development.

4th Priority -
Land outside the Zone of Primary Cultural Interest, but within the ultimate boundary, needed for preservation of the historic scene.

## Park Development

The plan is divided into 3 phases, intended to guide, but not restrict, development.

The first phase will continue development of the historic business core area of Columbia. Parking lots in the core area will bo removed, and new ones will be built outside the Zone of Primary Cultural Interest. Streets will be restored to appear as they did during the prime period, 1850-1870, and appropriate concession service alleys will be developed. The remaining historic structures in the park, including the Catholic Church and grounds, will be restored; a key historic building, the Terpsichorean Hall, will be reconstructed. It will be used as a temporary visitor orientation facility.

The second phase will emphasize development of the Tent Town area, and reconstruction of key buildings in the historic


FIGURE 21
business core area. The maintenance facilities in Tent Town will be removed, and a new park maintenance area will be constructed outside the Zone of Primary Cultural Interest, near the Bigler and State Street intersection. The modern segment of Columbia Street will be removed to reduce vehicle traffic in the downtown area, and a more complete system of interpretive trails will be developed.

The third phase will develop the park's outlying areas, as well as providing for further historic building reconstruction.

South of the historic business core area, new administration and interpretive orientation facilities will be constructed, along with a new visitor parking area. Parking in Main Gulch will be removed, and Main Gulch will be restored as a large hydraulic mining exhibit. Tent Town will be fully developed, to include a range of interpretive activities. Interpretive and hiking trails will be
further developed, linking the Springfield parcel and Columbia College with the townsite. The trails will also interpret historic limestone and natural open space areas around the town.

North of the historic business core area, the natural open space east of the Old Schoolhouse will be used for hiking and picnicking. Trails will traverse the area, and will lead to the historic drillground area, and on to the Bixel Brewery parcel. A 75-car parking lot will be constructed in the drillground area.

The Bixel Brewery and Springfield parcels will. be maintained as open space, and in the future, may be developed for activities and facilities outside the townsite. The Bixel parcel could be used for primitive camping; the Springfield parcel could be used for camping, visitor overflow parking, and limestone interpretation.


Main approach into Columbia on Parrotts Ferry Road


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## Phase I

This phase contains items of present concern to Columbia State Historic Park's continued development. Current interpretive and operations programs are not expected to change substantially.
Proposed Park Additions
Acquire appropriate land in the Zone of Primary Cultural Interest.

Acquire appropriate land outside Zone of Primary Cultural Interest, but within the ultimate boundary, for first-phase development.

## Interpretive Facilities Development

Restore all historic buildings under current park ownership.

Restore streets in historic business core area.

Reconstruct historic Terpsichorean Hall for visitor orientation facility.


Stage stop for visitors

## Operations Facilities Development

Construct parking areas outside Zone of Primary Cultural Interest, and remove principal parking areas in historic business core area.

Construct concession service alleys in historic business core area.


## Phase II

This phase contains items of future concern to Columbia State Historic Park's continued development. Expansion of interpretive and operations programs is expected.
Proposed Park Additions
Acquire appropriate land outside the Zone of Primary Cultural Interest, but within the ultimate boundary, for second-phase development.

## Interpretive Facilities Development

Reconstruct key buildings in historic business core area.

Restore additional streets in Zone of Primary Cultural Interest.

Remove modern segment of Columbia Street.

Develop outdoor spaces for picnicking, hiking, garden displays, etc.; and historic features in Zone of Primary Cultural Interest.

Develop interpretive trails and Yankee Hill Road underpass.

Develop part of Tent Town.
Develop Columbia's gold discovery site.
Develop part of natural area for picnicking, hiking, etc.

Develop part of historic drillground area for recreation use.



## Phase III

This phase contains items necessary for the park's full development. Major expansion of interpretive and operations programs is expected.

## Appropriate Park Additions

Acquire land for third-phase development.

Acquire land outside Zone of Primary Cultural Interest, needed for preservation and interpretation of historic scene.

Interpretive Facilities Development
Reconstruct additional key historic buildings throughout park.

Restore newly acquired historic buildings in park.

Restore additional streets in Zone of Primary Cultural Interest.

Restore Main Gulch hydraulic mining area.

Reconstruct Main Gulch bridge.
Develop full Tent Town.



Future site of main visitor parking lot.

Develop outdoor spaces and historic features outside Zone of Primary Cultural Interest.

Develop hiking trails in park.
Restore part of Jackson Street and remainder of Main Street, and develop Pacific Street as bypass road.

Work with Tuolumne County to develop Parrotts Ferry Road bypass (exact route is county's responsibility), and restore part of Broadway.

Work with Tuolumne County to construct Italian Bar Road bypass, and restore remaining part of Main Street.

Develop camping facilities and grazing at Bixel Brewery parcel, contingent on further study.

Develop day-use interpretive facilities and camping at Springfield parcel, contingent on further study.

Construct modern visitor orientation facility outside Zone of Primary Cultural Interest, and remove visitor orientation center from Terpsichorean Hall.

## Operations Facilities Development

Develop parking outside Zone of Primary Cultural Interest, and remove Main Gulch parking lot.

Construct park headquarters facility outside Zone of Primary Cultural Interest.

Construct restroom facility in Tent Town; remove existing restroom facility from Main Gulch area.


## Citizen Involvement

Columbia SHP has been an integral and vital part of the contemporary Columbia community. Much of the future success of the park depends on the actions of local citizens. The State Park System encourages participation by all people interested in Columbia SHP as part of California history, and as a real community in the Sierra Nevada foothills.

As part of the community, many businesses and civic activities are located within the park itself. These include the post office, the district county courthouse, the Masons, the International Order of Oddfellows, the Native Sons of the Golden West, two popular saioons, and a grocery store.

Appropriate community and commercial activities may remain as parts of the park. Businesses may continue to cater to the needs of local citizens.

A balanced trade from tourists and local patrons is a healthy economic objective for park concessions. Indeed, balanced business and housing activity, both inside the park and outside, is an ideal economic situation for the entire area. This interdependent, positive arrangement can be achieved only through close park-community ties.

As the park and the community surrounding it continue to grow and prosper, issues will arise that can be resolved only through citizen participation. Decisions on issues regarding zoning, quality of architecture and design review standards, private and public land ownership, state and county land acquisition, increased automobile traffic, and new road construction all need the concerted effort of an organized public.

Currently, the Columbia Area Chamber of Commerce and the Columbia Design Review Committee are two key groups, working with many individuals for the common benefit of the whole community. Others include:

The Columbia Historic Park Association The Tuolumne County Historical Society
The Tuolumne County Antique Club
The California Historical Landmarks Committee
The Sierra Mineral and Gem Society Columbia College
The Fallon Theatre Group (University of the Pacific)
The Masons
The International Order of Oddfellows The Native Sons of the Golden West
E Clampus Vitus
The Tuolumne County Planning Commission
Tuolumne County Water Company No. 2
The National Historic Landmarks Committee.

The State Park System values the contributions of these groups, and will work with them in further planning and development of the park. Cultural and educational interaction between Columbia College and the park will also be emphasized.

The diversity of historical interest within the park, and the variety of contemporary interests surrounding it, give Columbia as a community a complex set of urban problems. Local citizens, concessionaires, park personnel, and visitors all have different points of view. One of the prime means of problem solution is common resolution of differing views. The groups, clubs, associations, and state and local governments mentioned must work in harmony, to resolve the conflicts of a modern community containing a historic park.

## ENVIRONMENTAL IMPACT REPORT



COLUMBIA STATE HISTORIC PARK

## ENVIRONMENTAL IMPACT REPORT

The Environmental Impact Report (EIR) is divided into three major sections: (1) Description of Project; (2) Description of Environmental Setting; and (3) Environmental Impact. The latter two chapters are not in detail, due to the general, broad nature of the project description. The General Development Plan for Columbia State Historic Park is broad in scope; therefore, the EIR is also a broad assessment of the potential impacts. Whenever a specific phase of the overall plan is budgeted and proposed for implementation, a more detailed and specific envîronmental assessment will be prepared for that particular project, as part of the budget package.

## DESCRIPTION OF PROJECT

Location: See Project Description, Page 8.
Objectives: See Purpose of Plan, Page 7.
Project Description:= See General Development Plan, Page 39.

## DESCRIPTION OF ENVIRONMENTAL SETTING

Existing Environment: See Resource Summary and Evaluation, Page 14.

Regional Considerations: See General Development Plan, Page 41.

## ENVIRONMENTAL IMPACT

Significant Environmental Effects of the Proposed Project

The greatest adverse environmental impacts of the proposed project would be caused by construction activity, the loss of vegetation and open space, the consumption of energy, and the increased concentration of people and activities in Columbia. The left column in Figure 28 lists facilities proposed in the General Development Plan. Each was assessed, with the environmental factors listed across the top. Refer to the following key for a description of the four categories used in rating the environmental effects.

## Key to Figure 28

No Interaction: Project implementation does not cause a significant environmental effect, because the proposed development or management does not interact with the environmental factor.

Beneficial Environmental Effect: The interaction of the proposed development or management with the environmental factor is favorable.

- Nonsignificant Environmental Effect: Although the development or management interacts with the environmental factor, the effect does not cause a potentially substantial adverse change in the environment, or the significant effect is mitigated by design criteria.

Significant Environmental Effects: The interaction between development or management and the environmental factor may cause a potentially substantial significant change in the environment that cannot be avoided if the proposal is implemented as proposed.

## Short-term Effects:

Restoration and reconstruction of historic buildings and construction of such facilities as parking areas, roads, trails, restrooms, administrative areas, and removal of non-historic buildings would cause shortterm environmental impacts such as dust, noise, consumption of energy, and increased vehicular traffic.

## Long-term Effects:

Since the emphasis of the proposed development will be on restoring Columbia's historic scene, most long-term effects will be beneficial. The proposed action will result in improved protection and preservation of cultural resources, and improved facilities for the public. The town will be closer to being historically correct, and interpretation will be improved.

Once the construction phase is completed, however, several long-term impacts may be expected from the restoration






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 reconstructing another 68 structures． restoring 32 historic buildings and period，the General Development Plan
proposes an ambitious program of


 decomposed granite，will probably result using a natural material，such as removing the paved parking area and
restoring Columbia＇s downtown streets the Main Gulch mining area by
removing the paved parking area and cause some soil erosion．Re－creating




 релошау surpyed әбеuperр tougu to
 Development of park facilities， Effects on Hydrology Forestry in Sonora．




 Effects on Fire Hazard
 Although the southern bald eagle，an
endangered species，is occasionally seen，
 －







 Effects on Wildlife．





## 7. Effects on Air Quality:

It is expected that vehicles using the proposed parking areas, by pass roads, and campgrounds would create higher concentrations of air pollution. The number of vehicles should increase, corresponding with an increase in visitors and employees. Other air pollution sources will include burning fuel to heat the newly restored buildings, visitor orientation museum, and administration buildings, and fires in campgrounds and picnic areas.
8. Effects on Noise:

Increased vehicular traffic in the proposed parking areas and bypass roads will result in more vehicular noise in these areas. Traffic noise within the Zone of Primary Cultural Interest will be quieter, thus benefitting the cultural atmosphere of the zone.

Noises from people themselves, such as talking, calling family members together, etc., will have a detrimental effect on enjoyment of the unit by other visitors.
9. Effects on Open Space:

Reconstructing buildings and constructing parking areas, reconstructing Tent Town, and constructing visitor buildings where there is now vacant land will have an effect on open space.
10. Effects on the Character of the Surrounding Area:

Development of parking areas and development of camping and day use facilities would alter the historic character of Columbia SHP, and may adversely influence people living in or near the town but outside the SHP.

## 11. Effects on Vehicle Circulation:

It is expected that by removing the non-historic streets within the Zone of Primary Cultural Interest, local residents will no longer be able to use the

Columbia Street extension at the south end of town. Certain streets (see proposed circulation map) will receive higher useage than now exists. Streets in the Zone of Primary Cultural Interest will be closed off for through traffic.

Also, increases in personnel will add to the number of vehicles and the traffic congestion potential.
12. Effects on Archeological and Historical Sites:

There is a possibility that when excavation for reconstructing of historic buildings, construction of roads, and restoration of roads, or whenever earth is disturbed for any reason, archeological features could be disturbed.
13. Effects on Aesthetics:

The proposed parking areas, bypass roads, restroom buildings, administration buildings, and camping and picnicking facilities will have some detrimental visual impacts. Also, the proclivity of the public to litter the ground will detract from the area.

Elimination of automobiles from the Zone of Primary Cultural Interest will have a beneficial visual effect.
14. Effects on Utilities:

The garbage disposal, sewage, telephone service, and consumption of gas, water and electricity will be increased if the proposed plan is achieved. There will be a need to plan for these increases.
15. Effects on Other Public Services:

The expected increases in visitor use, reconstruction of buildings, and construction of other buildings will have an effect on police/fire services, schools, and local health needs. Vandalism, crime, fires, and traffic accidents are results of increased visitor use and permanent populations. Wooden structures and dry, grassy fields are
especially vulnerable to fire. Permanent employees with the state historic park, and concessionaires and their employees, with dependents of school age, will increase school attendance in the area. College-age dependents and employed adults will undoubtedly increase enrollment at Columbia Junior College.
16. Effects on the Human Community:

The population density is expected to increase if the proposed plan is implemented. The increase will be for historic park employees, and the visitor population. The privacy of local residents is expected to be affected by increased population density and changes in bypass routes (see proposed circulation map). Increased traffic along bypass routes could adversely affect the privacy of residents along those routes.
17. Effects on Removal or Relocation of Buildings

It may be necessary to remove or relocate several buildings in Columbia to implement the plan. Among these are three residences and two businesses. None of the historic buildings will be removed.

## Significant Environmental Effects That Cannot Be Avoided If The Proposal is Implemented

It is the intent of the Department at Columbia State Historic Park to provide the general public an opportunity to enjoy the unique experience of a living gold rush community, representative of the 1850-1870 period. In addition to this primary objective, some efforts will be made to satisfy some of the recreation demands in this part of Tuolumne County.

The proposed development is consistent with these objectives, and is sympathetic with environmental conditions. All of the adverse impacts outlined in the above section are considered to be environmental effects that cannot be avoided if the project is implemented as proposed. The non-significant environmental effects, shown by the symbol

- in Figure 28, do not cause severe changes in the environment, and can be substantially mitigated. The significant environmental effects, shown by the symbol - in Figure 28, may cause a potentially severe change in the environment which cannot be avoided.

However, having inventoried and analyzed the existing resources, and determined what is necessary to portray Columbia's history accurately in the preceding chapters of the Resource Management Plan, and General Development Plan, and having studied various alternatives, the Department feels that the benefits to be gained from the proposed project outweigh the environmental impacts that would result from implementation of the plan.

## Mitigation Measures Proposed To Minimize The Significant Effects

The following mitigation measures will substantially minimize the environmental effects:

1. Soils

Historically compatible landscaping will be used in Columbia's commercial area, and native plants will be selected in the natural areas to minimize soil erosion caused by park development. A soil binding material may be used to stabilize the restored streets.

The proposed parking areas, bypass roads, camping areas, trails, administrative area, and picnic areas will be designed to minimize erosion caused by cuts, fills, and drainage.
2. Energy Consumption

Although increasing park visitation will result in an increase in energy consumption, the General Development Plan promotes a more efficient use of energy than now exists. Bypass roads are proposed to improve traffic circulation, parking lots will be moved to the outskirts of town to encourage visitors to walk, and horse-drawn vehicles are planned for some areas in
lieu of motor vehicles. This will reduce motor vehicle-related impacts, and will conserve petroleum.

Detailed energy conservation measures relating to building construction and design will be included when a more specific EIR is prepared for implementation of particular budgeted phases of the plan.

## 3. Vegetation

Removal of vegetation will be mitigated by: (a) re-planting of native trees and groundcover to restore the historical authenticity and natural character of the environment; (b) enhancement of the visitors' interpretive experiences and recreational activities.
4. Wildlife

Because Columbia is situated in the Sierra Nevada foothills and is surrounded by considerable undeveloped property, ample space will remain for wildlife to relocate naturally.
5. Fire Hazard

Fire mitigation measures will include fire sprinkling systems in newly constructed buildings, training of park personnel, and provision of adequate equipment. The current fire fighting system consists of the Columbia Park Fire Prevention Facility on Main Street, the Volunteer Fire Department on Jackson Street, the Califormia Department of Forestry in Sonora, and the air-attack planes at Columbia Airport.
6. Hydrology

All park development, including buildings, roads, and parking lots, will be located to conform to natural drainage patterns wherever possible, and will be designed to minimize surface water runoff.
7. Air Quality:

Little can be done to reduce vehicle air pollution. Visitors should be encouraged to pool ride, or to use tour busses. State cars will be kept in good operating condition, and will follow strict emission standards.

Buildings will be heated by appropriate technology and clean burning fuel, where feasible. Modern buildings will be well insulated.
8. Noise:

Parking and bypass roads outside the Zone of Primary Cultural interest will reduce traffic noise within the zone.

Removing maintenance buildings outside the zone will also reduce noise. Radio playing and other extraneous intrusive sounds will be discouraged and/or eliminated.
9. Open Space:

The plan proposes to have an open space buffer area surrounding the Zone of Primary Cultural Interest. By acquiring land as proposed, open space can be preserved. Reconstruction of buildings and Tent Town will reduce open space, but will be offset by proper interpretation and representation of Columbia SHP.
10. Characteristics of the Surrounding Area:

Parking and camping areas would be located outside the Zone of Primary Cultural Interest. By careful landscaping, the impacts of these proposed non-historical facilities will be minimized.
11. Vehicle Circulation:

The closing of streets in the south end of Columbia will be mitigated by Pacific Street, the main thoroughfare to Parrot's Ferry Road. The proposed Parrot's Ferry

Road Bypass and Italian Bar Road Bypass will keep through north-south traffic out of Columbia's Zone of Primary Cultural Interest. The department will need to work closely with the county road department, in order to see these proposals through. Service alleys will keep commercial vehicles out of conflict with visitors.

Proposed parking for visitors will be outside the Zone of Primary Cultural Interest, and the southwest side of town. Parking will be increased from approximately 330 cars to approximately 675 cars. The small parking lot near the existing post office will remain temporarily for local residents' use. It will be screened with landscaping, to minimize intrusion.
12. Archeological and Historical Sites:

The Resource Management Plan states that: "All cultural resources with archeological values will be protected and professionally studied. . . .Archeological investigation will be performed before stabilization, restoration, construction, and reconstruction, to prevent the loss of significant data not available from the historical research."

All construction work will be performed carefully, so as not to disturb possible unanticipated archeological sites, both historic and prehistoric. Prehistoric sites that have been identified at the unit will be protected. Others that may be discovered will be evaluated based on criteria adopted by the Department, and will be included in applicable programs for investigation, preservation, and interpretation.
13. Aesthetics:

The proposed parking areas, bypass roads, sanitary and administration buildings, and camping and pienicking facilities will be outside the Zone of Primary Cultural Interest, in most cases. These facilities will be carefully designed and landscaped, so as to be unobtrusive.

Within the Zone of Primary Cultural Interest, motor vehicles will be virtually eliminated under the proposed plan. Delivery trucks would be kept hidden in service alleys. Modern-day intrusions, such as television antennas, utility lines, propane trucks, modern-day children's toys, etc., will be removed.

Trash containers, fireplugs, and telephone booths, will be encased in historically compatible containers, such as shown on page 31 and 33. The department will work closely with the county to encourage compatible planning outside state property.

The park maintenance staff and concessionaire will keep the area clear, in order to present a more aesthetic atmosphere.
14. Utilities:

Utility use will increase greatly if the plan is implemented. Utility lines, tanks, etc., will be buried, or otherwise hidden from public view.
15. Public Services:

An increase in park staff, fire fighting equipment, health services, and schools will be necessary to satisfy the demand. Burglar alarms, fire alarms, sprinkler systems, and increase in the volunteer fire department, will be needed. The department will work closely with the county, other state agencies, and school districts.
16. Human Community:

As the population density increases because of increased visitation and permanent residents, the right to privacy among local residents will need to be better protected. Compatible screening and discreet signing will be used. Visitors will be told that residential houses are lived in, and trespassing will not be allowed.
17. Removal or Relocation of Buildings:

Designated historic buildings will be relocated if necessary as a last option to achieve the desired plan. None will be removed. If residences and businesses are removed, occupants will be treated fairly, as designated under the Health and Safety Code, Section 41135, and California Relocation Assistance and Real Property Acquisition Guidelines, California Administrative Code, Title 25, Chapter 6.

## Alternatives to the Proposed Action

No change: This alternative would allow the current situation to continue. The historic buildings would deteriorate, parking availability would decrease, traffic congestion would increase, and interpretive facilities would continue to be inadequate.

## Other Alternative Actions:

There are a myriad of project alternatives, resulting from combinations of possible individual actions. The proposed plan is a middle course between two extreme reasonable alternatives, briefly described below:

Increased literal historical authenticity: This concept would go further than the proposed plan in re-creating a period atmosphere. For example; streets would be dirt; health and safety standards would be of the period, and all modern structures and conveniences would be removed. It is believed that this would cause undue inconvenience, dust, and possible health and safety problems.

Increased contemporary facilities: Modern conveniences and commercialism, which are not in keeping with the interpretive concepts, would result from this concept, at the expense of historical accuracy.

The Relationship Between Local ShortTerm Uses of Man's Environment and the Maintenance and Enhancement of LongTerm Productivity

The primary objectives of the proposed Resource Management Plan and General Plan
are to protect Columbia's historic resources, to enhance visitor enjoyment, and to expand the interpretive facilities. In order to meet these objectives, certain modern development, such as bypass roads, parking areas, and a visitor orientation center, will be necessary to accommodate increasing visitation. These proposals are intended to enhance the long-term productivity of the environment by preserving the park's valuable historic resources.

It is anticipated that the intensity of use in the main historic area (downtownColumbia) and in areas of recreational development will be such that there will be no deterioration in the long-term compatibility of humanity with the environment.

## Any Significant Irreversible Environmental Changes That Would Be Involved in The Proposed Action Should It Be Implemented

The following irreversible environmental changes are anticipated:

1. The commitment of non-renewable resources such as oil, gasoline, and gravel, to construct roads, parking areas, and other park facilities.
2. The use of energy sources such as water, electricity, and propane, to serve newly constructed park facilities.
3. The loss of vegetation and the possible displacement of wildlife, due to development and increases in park visitation.
4. The conversion of some existing undeveloped property, including some alteration of natural land forms, into land sustaining buildings, roads, and parking areas.
5. The emission of exhaust from vehicles and the emission of gas from fuel to heat buildings, and fires in campground, picnic areas, and concession kitchens.
6. A loss of present open space due, to construction and/or reconstruction of historic buildings, administrative buildings, campground, and picnic areas.
7. A loss of archeological resources, if accidental destruction occurs during the construction process. There will also be a loss if sites are not protected.
8. The increase in use of utility services including telephone, sewer, solid waste, and those listed in energy source (see No. 3). These will grow at least through phase III of the proposed General Development Plan.
9. Increase in the population density of Columbia SHP.
10. Acquisition of private lands necessary to implement thy ultimate park acquisition boundary. This will change the ownership of these parcels. The current owner will be treated fairly.
11. There may be several buildings removed or relocated (see appendix).

## The Growth-Inducing Impact of the Proposed Action

Once the General Development Plan is implemented, there will be a considerable growth-inducing impact on the area surrounding Columbia. Development of additional park facilities is expected to generate an increase in visitation, and consequently, a demand for more tourist accommodations such as motels, campgrounds, restaurants, and shops.

It is estimated that rebuilding of historic structures and development of park facilities will increase the current scope of operations at Columbia SHP by about 250 percent. Although this development will not be completed for many years; a gradual increase in park personnel, concessionaires, and residents is expected over the next two decades.

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## Appendixes




## Appendix A

Historic Building Development Outline

## Historic Building Development

Inventory of Lots in Proposed Ultimate Park Boundary
Total Lots: 350
Ownership
State: 275 lots (about 67 acres or 57\%)
Private: 75 lots (about 49 acres or $43 \%$ )
Status of lots with buildings: 147 total
State-owned: 105
Completed historic restorations/reconstructions: 42
Proposed historic restorations: 32
Stabilized Ruins: 3
*Proposed Historic improvements: 28
Privately owned: 42
Historic: 7
Modern: 35
Vacant Lots: 203 total
State-owned: 170
Privately owned: 33
Lots proposed for Historic Reconstructions: 68 total
Current Use of Buildings
State concessions buildings $=34$ total
Privately owned business buildings $=3$ total
Residences $=74$ total
State-owned 40
Historical 13
Modern 27
Privately owned 34
Historical 6
Modern 28
State museums/exhibits buildings = 22 total
Park operation buildings $=14$ total

[^3]Table 5 Existing and Proposed Historical Building Development

## EXISTING BUSINESS CONCESSIONS BUILDINGS

(State-owned)

| Location Numbers |  |  |
| :---: | :---: | :---: |
|  |  |  |
|  | Name | Comment |
| 3-3 | Mine Tour (Miners Shack) | Remove shack; relocate concession |
| 11-1 | Prospectors Trading Post | Retain Brady Bldg. |
| 10-2\&3 | Blacksmith | Retain location |
| 10-4 | New York Drygoods | Authentic location |
| 10-5 | Barbershop Concession | Authentic location |
| 10-6 | Cheap Cash Store | Authentic location |
| 10-7 | Artists Concession | Adaptive location |
| 9-1 | Columbia Mercantile | Authentic location |
| 9-10 | Ebbler's Saddlery | Authentic location |
| 9-18 | Post Office | Site of Delaroyer's Syrup Manufacturing |
| 12-8 | St. Charles Saloon | Authentic location |
| 15-8 | Odd Fellows Hall | Authentic location |
| 15-16 | Photography Concession |  |
| 15-17\&18 | Towie \& Leavitt Gift Shop | Authentic location |
| 15-19 | Columbia Confection \& Bakery | Site of Heyneman's Saloon |
| 15-20 | City Hotel \& What Cheer Saloon | Authentic location |
| 16-11 | Douglass Saloon | Authentic location |


| 16-12 | Carpentry Shop Concession |  |
| :--- | :--- | :--- |
| 16-13\&14\& 15 |  | Nelson's Candy Kitchen |
| 16-16 | Native Sons of the <br> Golden West | Site of Hildebrand's <br> Bakery |
| $16-17$ | County Courthouse |  |
| $16-19$ | Columbia House Restaurant | Construction in <br> $1879-$ site of <br> Chinese restaurant |
| $16-20$ | Angelos's Hall | Site of Shotwell <br> Building |
| $17-3$ | Masonic Hall | Authentic location |
| $17-10$ | Wells Fargo Stage | Terminus of stage <br> coach concession |
| 3A-10 | Eagle Cottage | Columbia Gazette |

## EXISTING PARK MUSEUM BUILDINGS

| Location Numbers |  |  |
| :---: | :---: | :---: |
| 苛 |  |  |
|  | Name | Comment |
| 3-3 | Miners Shack |  |
| 3-12 | Miners Cabin |  |
| 10-7 | Brainard Bldg. Ruins | Retain ruins |
| 9-5 | Columbia Firehouse No. 2 |  |
| 9-8 | Peoples Meat Market |  |
| 9-9 | Chinese |  |



## EXISTING PARK RESIDENCES, INCLUDING PRIVATE HISTORICAL RESIDENCES*

| Location <br> Numbers |  |  |
| :---: | :---: | :---: |
| 宮 |  |  |
|  | Name | Comment |
| 10-8 | Tibbetts Residence | Moved to site in 1886 |
| 10-10 | *Martinez Residence | Private residence on site of Columbia, Clipper |
| 9-6 | *McConnell Residence | Private residence on site since 1879 |
| 9-13 | *Siebert Residence |  |
| 12-10 | *Burns Residence | On site since 1856 |
| 14-2 | Palmer Residence |  |
| $\begin{aligned} & 14-12 \\ & \& 13-14 \end{aligned}$ | Residence | site of Loraine's Fandango |
| 14-15\&16 | Residence |  |
| 15-1 | Residence | Site of Lippmann Building |
| 3A-24 | Residence |  |
| 20-10 | Residence | May restore historic barn |
| 19-15 | Brainard Residence |  |
| 19-16 | * Residence | Private residence |
| 19-17 | Jackson Residence |  |
| 23C-1 | Residence |  |
| 23C-1 | Residence |  |
| 23C-1 | Hahn Residence |  |
| 23C-2 | Woodman Residence |  |
| 23C-3 | Residence |  |


| 23C-3 | Residence |  |
| :---: | :---: | :---: |
| 23C-3 | Shaw Residence |  |
| 23C-4 | Pensa Residence | Historic name: Brainard Residence. |
| 23A-1 | Residence |  |
| 8A-\$ | Residence |  |
| 8A-5 | Residence |  |
| 6-2 | Rehm/Koppitz Home |  |
| 6-5 | Residence |  |
| 7-1 | Residence |  |
| 7-2 | Residence |  |
| 7-3 | Residence |  |
| 7-3 | Residence |  |
| 7-3 | Residence |  |
| 7-6 | *Pat Mullan Home |  |
| 7-9 | *Smith House |  |
| 7-15 | Residence |  |
| 24-10 | Residence |  |
| 24-14 | Residence :-- |  |
| 24-10 | Residence |  |
| 3B-4\&5 | Peterson Residence |  |
| 3B-6\&7 | Chas. Gale Home |  |
| 3D-3 | * Daniel Frazer Home |  |
| 3D-4 | Residence |  |
| 1-5 | Residence |  |
| 1-6 | Residence |  |
| 1-7 | Residence |  |
| 1-8 | Residence |  |


| $1-11$ | Residence |
| :--- | :--- |
| *0-2 | Residence |
| $0-3$ | Residence |
| $0-4$ | Residence |
| $0-5$ | *Gideon Wing House |
| $0-6$ | Nash Home |
| *Outstructures - Outside the proposed ultimate park boundary |  |

## EXISTING PARK OPERATIONAL BUILDINGS

Location
Numbers


10-12

9-7

9-11

9-12
9-19

15-14
15-22
3A - None

3B-10

Park Storage
Name
Park Maintenance Shop

Park Museum

Park Restroom Facility
Park Office

Park Storage
Park Bandstand
Park Restroom Facility

Park Maintenance Bldg.

Comment
Located on historic New England Water Company lot; remove

Located in historic Soderer and Marshal Building

Located in historic Knapp Store

Retain
Located in historic Boehmer Store

Storage on 2nd floor
Remove and relocate
Relocate in Tent Town

Remove

| 3B-10 | Park Maintenance Bidg. | Remove |
| :--- | :--- | :--- |
| 3B-10 | Park Maintenance Bldg. | Remove |
| 3C-2\&3 | Park Shop and Garage | Restore as |
| *0-8 | Springfield Storage Bldg. |  |
| *OUtstructures - Outslide the proposed ultimate park boundary |  |  |

## BUILDINGS TO BE REMOVED/RELOCATED

| Location <br> Numbers |  |  |
| :---: | :---: | :---: |
| دِ |  |  |
|  | Name | Comment |
| 3-3 | Miners Shack | May relocate for construction of historic building |
| 15-26 | "Chicken" Shack | May relocate for construction of historic building |
| 15-28 | Franco's Cabin | May relocate for construction of historic building |
| 10-12 | Maintenance Shop | May remove for construction of historic building |
| 15-22 | Park Bandstand | May relocate for construction of historic building |
| 3A-RR | Restroom Facility | Remove for restoration of Main Gulch; relocate in Tent Town |
| 20-20 | Private Business | May remove for construction of historic building. |

$\left.\left.\begin{array}{lll}\text { 20-22 } & \text { Private Residence } & \begin{array}{l}\text { May remove for construction } \\ \text { of historic building }\end{array} \\ \text { 19-10 } & \text { Private Business } & \begin{array}{l}\text { May remove } \\ \text { for historic bldg. } \\ \text { construction }\end{array} \\ \text { 3B-10 } & \text { Maintenance Building } & \begin{array}{l}\text { Remove for } \\ \text { construction of }\end{array} \\ \text { Tent Town; Relocate } \\ \text { in new maintenance } \\ \text { area. }\end{array}\right\} \begin{array}{l}\text { Remove for } \\ \text { construction of } \\ \text { Tent Town }\end{array}\right\}$

## HISTORIC BUILDINGS TO BE RESTORED

| Location Numbers |  |  |
| :---: | :---: | :---: |
| + |  |  |
|  | Name and Development Phase | Comment |
| 10-8 | Tibbetts (3) | Residence |
| 10-10 | Martinez Residence (3) | Private residence |
| 9-6 | McConnell Residence (3) | Private residence |
| 9-7 | Soderer \& Marshal (1) |  |
| 9-8 | Soderer \& Marshal (Peoples Market) (1) |  |
| 9-9 | Bayhaut Building (1) |  |
| 9-10 | Building (Ebbler's Saddlery) (1) |  |
| 9-11 | Knapp Store (1) |  |Siebert Residence (3)

12-12 Braquihai Residence (3)
14-2 Palmer Residence ..... (3)
14-15 Residence ..... (3)
15-20A Kiln (1)
16-12 Soderer \& Marshal (3)
17-12 D. O. Mills Bank (1)
17-13 Tuolumne County (3)Water Company
3A-13 Fallon Hotel \& Theatre (1)
3A-24 Residence (3)
19-15 Residence (3)
19-16 Residence (3)
19-17 Jackson Residence ( ..... (3)
23C-3 Shaw Residence (3)
23C-4 Pensa Residence (3)
6-2 Rehm/Koppitz House (3)
6-3 Cyrus Knapp House (3)
6-13 Barn(s) ..... (3)
7-9 Residence (3)
Mother Lode Art Gallery (3) 3C-1
Park Maintenance Garage ..... (3)
3C-2 ..... 3)
3C-4 Old Knapp School (3)
3C- 3 Daniel Frazer Home ..... (3)
1-1 St. Anne's Church (1 ..... (1)
*0-5 Gîdeon Wing House (3)
0-6 Nash Home (3)
Private
Private
Private.
Historic name: Brainard Residence
Private
Private
Historic barn
Restore whenacquired
Private

## HISTORIC BUILDINGS TO BE RECONSTRUCTED

| Location <br> Numbers |  |  |
| :---: | :---: | :---: |
| د |  |  |
|  | Name and Development Phase | Comment |
| 3-3 | Raymond \& Holton Store (2) |  |
| 3-5 | - DeNoilles Store Armory (2) |  |
| 11-3 | Levy Building (3) |  |
| 10-12 | 1st New England Water Co. (3) |  |
| 10-13 | 1st New England Stable (3) |  |
| 9-2 | Lamarine Gunsmith (2) |  |
| 9-3 | Boston Livery (2) |  |
| 9-14 | Swartz Residence |  |
| 12-1 | Bayhaut Store (2) |  |
| 12-2 | Questai Fandango House (2) |  |
| 12-6 | Raspels House (2) |  |
| 12-6 | Raspels House (2) |  |
| 12-6 | Raspels House (2) |  |
| 12-7 | Alberding's Lot (2) |  |
| 12-14 | Residence (3) |  |
| 12-15 | Residence (3) |  |
| 12-16 | Residence (3) |  |
| 14-9 | Columbia Engine Co. No. 2 (3) |  |
| 14-10 | French Drugstore (3) |  |
| 14-11 | Meat Market (3) |  |
| 14-17 | Sourdry Residence (3) |  |


| 14-18 | House of Mariquita (3) |  |
| :---: | :---: | :---: |
| 14-21 | Love Residence (3) . |  |
| 15-4 | Armory Hall (3) |  |
| 15-6 | Broadway Drugstore (3) |  |
| 15-21 | French Restaurant (2) |  |
| 15-24 | City Market (2) |  |
| 15-26 | Hoerchner Saloon (2) | Possible adaptive use |
| 15-27 | Hoerchner Coffee Saloon (2) |  |
| 15-28 | Barclays Saloon (2) | Possible adaptive use |
| 15-29 | Longtom Saloon (2) | Possible adaptive use |
| 16-1 | Columbia Exchange (2) |  |
| 16-3 | Hildebrand Bakery (3) |  |
| 16-3 | Columbia Gazette Bldg. (3) |  |
| 16-5 | Columbia Brewery (3) |  |
| 16-6 | Shotweil's House (3) |  |
| 16-9 | Gowen \& Wardell (3) Carpentry Shop |  |
| 16-18 | Ehrenberg Tobacco Shop (2) |  |
| 17-1 | Kelty \& Fisher Stable (2) |  |
| 17-2 | Building(s) (3) |  |
| 14-4\&5\&6 | Terpsichorean Hall (3) |  |
| 17-7 | Arnold \& Brown (3) General Store |  |
| 17-14 | Mills \& Company Bldg. (2) |  |
| 3A-4 | Donnell \& Parsons Store (2) |  |
| 3A-5 | Donnell \& Parsons Bldg. (2) |  |
| 3A-6 | Donnell \& Parsons (2) |  |
| 3A-8 | Northrup \& Marshal Bldg. (2) |  |


| 3A-9 | Chinese Laundry (2) |
| :--- | :--- |
| 20-19 | True's Boarding House (3) |
| 20-20 | Campbell Residence (3) |
| 20-21 | Building (3) |
| 20-22 | Broadway Hotel (3) |
| 20-27 | Doctor's Office (3) |
| 20-28 | Spier Paint Shop (3) |
| $19-9$ | Decker House (3) |
| 19-10 | Fish Residence (3) |
| $19-11$ | Robbin \& Marshal Shop (3) |
| $19-14$ | Fuller Residence (3) |
| $19-18$ | Brady Residence (3) |
| $8-8$ | Brown Residence (3) |
| $8-9$ | Leisey Residence (3) |
| $8-10$ | Porterfield Schoolhouse (3) |
| $7-4$ | Mills Residence (3) |
| $7-5$ | Brown Residence (3) |
| $7-10$ | Lush Residence (3) |

Located on private business property

Located on private business property.

May relocate, to save existing residence on lot

Located on private business property.

## Appendix B

Historic Lot Survey

The Historic Lot Survey contains $\mathbf{1 0}$ columns:

1. The Lot Number - New numbers for each lot, going counterclockwise around each city block. Each block has a separate set of lot numbers, beginning with number one. They identify historic lots.
2. The Block Number/Lot and Parcel Number - Block numbers are original numbers used by previous historical research efforts. They are continued in full use unchanged in this report. Lot and parcel numbers identify historic and contemporary lots as supporting information.
3. 1970 inventory Number - This number system identifies historic lots recommended for development. The numbers compare past research efforts with this effort. However, because of their incomplete application to the entire land area of the town, they are not used in the proposed identification for historic lots. (See Lot numbers.)
4. Name Buildings/Site Businesses - Each lot is further identified by name. All buildings are designated by a small box
preceding the name. Each known business within that building is shown in chronological order. If the lot contained no buildings, this is also shown.
5. Architecture Building Height \& Material - The buildings are identified by height (one and two story) and by material (frame, brick, or stone construction).
6. Dates of Existence - Known lengths of existence for buildings and businesses are shown. Some buildings also identify a business. In these cases, only the length of existence of that business within the building is shown.
7. Status - When a building ceases to exist, this column shows what happened, if known.
8. Historic Use - This column shows the kinds of historic business that existed.
9. Present Use - This column shows current uses of buildings and lots.
10. Comments - This provides clarifying information concerning the building and lot.











|  |  | HISTORICAL LOT SURVEY Table 6 (Continued) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | NAME <br> BUILDING/LOT BUSINESS |  |  | 光 | HISTORICAL | PRESENT | COMMENTS |
| 1 1 1 1 1 1 | $15 / 18$ 62 $15 / 18$ 62 15 1 | McDonough Residence <br> Roth Bros. Res. Louis Lippman Bldg. <br> Half's Saddlery Campbell's Bread Bakery Goslin's Carpenter Shop | $?$ ? ? | $\begin{aligned} & 1853-? \\ & p-1857 \\ & 1857-65 \\ & 1860-? \\ & 1860-61 \\ & 1861 \cdot ? \end{aligned}$ | Sold <br> Fire <br> Fire <br> Rented <br> Rented <br> Rented | Residence \& Garden Residence Saddlery Bakery Carpenter Shop | ? <br> Park Residence |  |
| 2 | $\begin{array}{ll\|l} 75 / 17 & - \\ 59 & \\ \hline \end{array}$ | Tuolumne Courier | FRM | 1860-65 | ? | Newspaper | Vacant Lot |  |
| 3 |  |  |  |  |  |  | Vacant Lot |  |
| 4 | $\begin{aligned} & 15 / 16 \\ & 58 \\ & \hline \end{aligned}$ | Armory Hall |  |  |  |  | Vacant Lot |  |
| 5 | $\begin{aligned} & 15 / 15 \\ & 58 \\ & \hline \end{aligned}$ |  |  |  |  |  | Vacant Lot |  |
| 6 | $\begin{aligned} & 15 / 15 \\ & 63 \end{aligned}$ | Graves \& Cibiel Broadway Drugstore | $?$ | 1855-61 | ? | Drugstore | ? |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 8 8 8 8 8 8 8 | $15 / 15$  <br> 63  <br> $15 / 15$ 45 <br> 63  <br>   <br>   <br> $15 / 15$ 45 <br> 63  | Raspals Billiards Saloon <br> McChesney Bldg. <br> Toomy Bros. <br> Doctors Office <br> Bowen \& Bros, <br> Odd Fellows <br> Odd Fellows Bldg. |  | ?-1854 <br> $1855-68$ <br>  <br> $1855 \cdot ?$ <br> $1856 \cdot 7$ <br> $1857 . ?$ <br> $1857 . ?$ <br> 1868. <br> pres. | Fire ? ? ? ? <br> Purchase Existing | Billiards, Saloon Grocery Store Doctors Office Grocery Store Odd Fellows Hall Odd Fellows Hall |  |  |
| 9 9 9 9 9 | $15 / 14$ <br> 63 <br> 63 <br> 63 <br> 6 <br> 63 | Bldg. <br> Newell's <br> Harison's Shop <br> OddFellows | $\begin{aligned} & \text { 1-Brk } \\ & \text { 2-Brk } \end{aligned}$ | $1855 \cdot ?$ <br> $1855-?$ <br> $1856 . ?$ <br> 1872.7 | $?$ $?$ <br> Took Over | Paint \& Paper Hang. Upholstery <br> Odd Fellows Hall | Vacant Lot |  |
| 10 <br> 10 <br> 11 | $15 / 3$ 63 A3 An | BIdg. <br> Buck's Daguerreotype | 1.FRM | $\begin{aligned} & 7.1860 \\ & 1855.56 \end{aligned}$ | $?$ $?$ | Photo Shop | Vacant Lot |  |
| 11 <br> 11 <br> 11 <br> 11 <br> 11 <br> 11 <br> 11 <br> 12 | $15 / 12$ <br> 60 <br> 15 <br> 60 <br> 60 <br> 6 | Bldg. <br> O. Davis Columbia Museum O. Davis Bldg. <br> Fancy Store Goodman \& Davis Clark's Furniture Residence | FRM ? | $1853-54$ 1854 $1855-66$ $1855-56$ $1856-57$ $1859-60$ $1860-66$ | Fire <br> Fire <br> Torn Down <br> Sold <br> Sold <br> Sold <br> Torn Down | Candy, Tobacco Mus. <br> Millinery, Dressmkg. Paint \& Paper Hangin Furniture Store <br> Residence | Vacant Lot |  |
| 12 | 15/12/60 - | Hotel de Paris | ? | ? | ? | Hotel | Vacant Lot |  |
| 13 13 13 | $\begin{array}{r} 15 / 1061,42 \\ + \end{array}$ | Bidg. <br> Shaw \& Brown Fire Eng. House No. 1 \& City Hall | $2 . B r k$ | 1854-Prds $1856-61$ $1861-?$ | s. Existing Sold to City ? <br> 141 | Grocery Store Fire House City Hall | Fire Engine Exh. |  |










|  | 17 | $\text { INVENTORY No. } 1970$ | HISTORICAL LOT SURVEY Table 6 (Continued) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\text { LOT NUMBER } 1978$ |  |  | NAME <br> BUILDING/LOT BUSINESS |  |  | $\stackrel{n}{2}$ | HISTORICAL | PRESENT | COMMENTS |
| $\begin{aligned} & 8 \\ & 8 \\ & 8 \\ & 8 \\ & \hline \end{aligned}$ |  |  | Wilson's Meat Mkt. <br> Raymond \& Holton Mkt. <br> Gorham \& Parker <br> Bowen \& Bacon |  | $\begin{array}{\|l\|} 1857-59 \\ 1859-? \\ 1860 ? \\ 1860-? \end{array}$ | Sold <br> Sold <br> Sold <br> ? | Meat Market Meat Market Meat Market Bookstore - ? |  |  |
| $\begin{aligned} & 9 \\ & 9 \\ & 9 \\ & 9 \\ & 9 \\ & \hline \end{aligned}$ | $\begin{aligned} & 17 / 2 \\ & 80 \end{aligned}$ |  | Farnsworth Bidg. <br> Farnsworth Saloon <br> Bookstore <br> Barbershop <br> Saloon | $\square$ | $1857-?$ $1857-60$ $1860-?$ $1862-?$ $?$ | $\begin{aligned} & ? \\ & ? \\ & ? \\ & ? \\ & ? \end{aligned}$ | Saloon <br> Book <br> Stationery Store <br> Barber Shop <br> Saloon | Vacant Lot |  |
| 10 10 | $\begin{aligned} & 17 / 2 \\ & 80 \\ & \\ & \hline \end{aligned}$ | $58$ | Wells Fargo Bidg. <br> Wells Fargo Express | 2.8rk | 1858- Pres. $1858-14$ | Existing <br> Out of Business | Express | Wells Fargo Express | Exhibit * <br> * American Hotel on Site 1854-1857 |
| 11 11 11 11 | $\begin{aligned} & 17 / 21 \\ & 80 \end{aligned}$ |  | Daegener Bldg. <br> Clothing <br> Jeweler <br> Bookstore |  | 1858- Pres. $?-1863$ $?-1863$ $?-1863$ | $\begin{gathered} \text { Existing } \\ ? \\ ? \\ ? \\ \hline \end{gathered}$ | Clothing Jeweler Bookstore | Wells Fargo Exhibit | Wells Fargo Warehouse |
| 12 12 12 12 12 12 12 | $\begin{aligned} & 1711 \\ & 81 \end{aligned}$ |  | D. O. Mills Bank Bldg. <br> D. O. Mills Bank <br> Telegraph Office <br> Post Office <br> Post Masters Bookstore <br> News Depat \& Stationery <br> Store <br> Telegraph Office |  | 1854. Pres. 1854.66 1855.61 $1855-61$ 1855.61 1866.73 1866.73 | Existing <br> Sold <br> Rented <br> Rented <br> Rented <br> New Owner <br> Rented | Bank <br> Telegraph Office <br> Post Office <br> Bookstore <br> News \& Stationery <br> Store <br> Telegraph Office |  | To be restored |
| 13 | $\begin{aligned} & 17 / 6 \\ & 81 \\ & \hline \end{aligned}$ |  | Tuolumne County Water Company Office | P-Brk | 1854.01 | Existing | Water Company Office | Office | Awaiting Restoration As D. O. Mills Bank |
| 14 14 14 14 14 14 14 14 | 1775 81 <br> 17/5 <br> 81 |  | Mills \& Company Bldg. <br> General Agency \& Commission Office A.D.O. Browere Paint Shop Lawyers Office <br>  <br> Smelting Room Mills Bldg. <br> Deputy Dist. Tax Collector <br> Tualumne County Water Company Lot | - $1 . \mathrm{Frm}$ <br> ? | 1857.61 1857.60 1860.61 1861 1857.61 $1861 . ?$ $?$ $1817 . ?$ | Fire <br> Rented <br> Rented <br> Fire <br> Fire <br> ?-Mined <br> Out <br> ?-Mined <br> Out <br> ? | Government Cffice <br> Paint Shop Lawyers Office Assay Office <br> Government Office <br> Vacant Lot |  |  |
| 15 | $\begin{aligned} & 17 / 40 \\ & 78 \end{aligned}$ |  | Walker Bldg. | Frm | $\begin{gathered} \\ \\ \\ \end{gathered}$ | Mined Out ?. Fire $150$ |  | VVacant Lot |  |





|  | 20 |  | HISTORICAL LOT SURVEY Table 6 (Continued) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | NAME <br> BUILDING/LOT BUSINESS |  |  | 会 | HISTORICAL | PRESENT | COMMENTS |
| 1 | - | - | Morrell | ? | ? | $?$ | Residence? | Vacant Lot |  |
| 2 | - - |  | Martindale | ? | ? | ? | Residence? | Vacant Lot |  |
| 3 | - |  | Bickford | ? | ? | ? | Residence? | Vacant Lot |  |
| 4 | - | - | Martindale | ? | ? | ? | Residence? | Vacant Lot |  |
| 5 | $\rightarrow$ | - | Earle | ? | ? | ? | Residence? | Vacant Lot |  |
| 6 | - | - | Gas Works | ? | ? | ? | Gas Company | Vacant Lot |  |
| 7 | - - | - | Residence | Frm | ? | ? | Residence | Vacant Lot |  |
| 8 | - | - | Higgins Residence | Frm | ? | ? | Residence | Vacant Lot |  |
| 9 | - | - | John English | ? | ? | ? | Residence? | Vacant Lot |  |
| 10 | $\begin{aligned} & 20 / 7 \\ & 72 \end{aligned}$ |  | Smith, Morse \& Co. Lumber | ?. Frm | ?.1863 | Sold | Lumber Yard | Park Residence |  |
| 11 | $\begin{aligned} & 20 / 6 \\ & 72 \end{aligned}$ | - | Duffy's Shop | ? | ? | ? | $?$ | Vacant Lot |  |
| 12 | 20/6 | - | McKenzie Shop | ? | ? | ? | Blacksmith | Vacant Lot |  |
| $\begin{aligned} & 13 \\ & 13 \\ & 13 \\ & \hline \end{aligned}$ | $\begin{aligned} & 20 / 6 \\ & 72 \end{aligned}$ |  | Ackerman's Bldg. <br> Store <br> Louisiana Restausant | 1-Frm | $\begin{aligned} & ? \\ & ? \\ & ? \end{aligned}$ | $\begin{aligned} & ? \\ & ? \\ & ? \end{aligned}$ | Restaurant |  |  |
| 14 | $\begin{aligned} & 20 / 6 \\ & 72 \\ & \hline \end{aligned}$ | 70 | Mason's Tin Shop | 1-Frm | 1854-59 | Fire | Tinsmith |  |  |
| $\begin{aligned} & 15 \\ & 15 \\ & 15 \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline 20 / 6 \\ 72 \\ \\ \hline \end{array}$ | (1)* | Bidg. <br> Fish Law Office Canavan \& Keily | $1.5 \mathrm{Fm}$ | $?$ | ? | Law Office <br> Livery | Vacant Lot:Vacant Lot |  |
| 16 | $\begin{aligned} & 20 / 6 \\ & 72 \end{aligned}$ |  | Higgins Boarding Hse. | ? | 1854.59 | Fire | Boarding House |  |  |
| 17 | $\begin{aligned} & 20 / 5 \\ & 72 \\ & \hline \end{aligned}$ | 71 | Fleming \& Heddon | ? | 1860 | ? | Blacksmith |  | Known as Heddon \& Campbell Blacksmith |
| 18 | $\begin{aligned} & 20 / 4 \\ & 75 \\ & \hline \end{aligned}$ | 72 | A. P. True Wheelwright | ? | ? | ? | Wheelwright | Restaurant (Partial) | Private |
| 19 19 | $20 / 4$ 75 4 |  | Trues Boarding House <br> Blacksmith Property | $?$ | $\begin{aligned} & 1854.69 \\ & 1860-? \end{aligned}$ | Sold? | Boarding House <br> Black smith? | Restaurant (Partial) A | Private |
| 20 | $\begin{aligned} & 20 / 40 \\ & 75 \\ & \hline \end{aligned}$ | $\rightarrow$ | Campbeil Residence | ?. Frm | ? | ? | Residence | Restaurant (Partial) | Private |
| 21 | $\begin{aligned} & 20 / 4 \\ & 75 \end{aligned}$ | - | Office/Apt. Bldg. | 2-Brk | 1856-65 | Mined Out | Offices, Sleeping Apts. | McKenzie Residence | Private |
| 22 | $\begin{aligned} & 20 / 3 \\ & 76 \\ & \hline \end{aligned}$ | 73 | Broadway Hotel | 2. Frm | ?.1883 | Torn Down | Hotel | McKenzie Residence | Private |
| 23 | $\begin{aligned} & 20 / 2 \\ & 76 \\ & \hline \end{aligned}$ | - | Dr. Gibbons Office | 1. Frm | 1856-62 | $\begin{aligned} & \text { Mined Out } \\ & 1867 \end{aligned}$ | Office (Doctor) <br> Residence | Reid <br> Residence | Private |
| 24 | $\begin{aligned} & 20 / 2 \\ & 76 \\ & \hline \end{aligned}$ | - | Rodgers Bros. Store | 1- F - mm | 1860 | ? | Clothing | Vacant Lot |  |
| 25 | 20/2 | - | Christen's Shop | Frm | ?.1860 | Maved Business | Paint \& Paper Hanging | Vacant Lot |  |
| 26 26 26 | $\begin{array}{\|c} \hline 20 / 2 \\ - \\ \hline \end{array}$ |  | Bldg. <br> Keily's Grocery Firehouse Garage | Brk. | 1854.68 $1854-59$ $1859-61$ | Mined Out <br> ? <br> Moved Business $154$ | Grocery Firehouse Papeete Garage | Vacant Lot |  |



## Appendix C

Partial Lists of Plant and Wildlife in Tuolumne County

The Columbia area, containing isolated pockets of yellow pine and chaparral flora, is largely located within the foothill woodland plant association.

## Foothill Woodland Plant Association

This composite community contains both the oak parklands of the valley floors and the digger pine woodland of the slopes. It consists of trees 15 to 70 feet tall, in dense or open woodland, with scattered brush and grassland.

Characteristic flora found in the Columbia area include:

Botanical Name
Pinus sabinians Quercus douglasii Quercus chrysolepis Quercus morehus Quercus wis/izenii Quercus lobata Aesculus californica Rhamnus californica Ceanothus cuneatus
Cercis occidentalis
Ribes quercetorum

## Eriodictyon californicum

Arctostaphylos uva-ursi
Populus trichocarpa Rhus diversiloba

Common Name
Digger pine Blue oak Canyon oak Oracle oak Interior live oak Valley oak California buckeye Coffeeberry Wedgeleaf ceanothus; buckbrush California redbud

Yerba Santa
Kit-kit-dizze Black cottonwood Poison-oak

Ponderosa Pine Forest Plant Association

Botanical Name
Pinus ponderosa
Pinus lambertiana
Pseudotsuga menziesii
Ouercus kelloggii
Ribes nevadense
Rubus parviflorus
Arctostaphylos patula
Arctostaphylos mariposa
Ceanothus integerrimus

## Common Name

Ponderosa pine
Sugar pine
Douglas-fir
Black oak
Sierra current
Thimbleberry
Greenleaf manzanita Mariposa manzanita Deer brush

## Chaparral Plant Association

Botanical Name
Adenostoma fasciculatum Heteromeles arbutifolia Rhamnus californica

Rhamnus crocea Rhamnus crocea Cerocarpus betuloides Ceanothus cuneatus Arctostaphylos mariposa

Native ferns include:

Botanical Name

Pteridium aqualinum
Woodwardia fimbriata Polypodium californicum Adiantum jordanii Pityogramma triangularis Pellaea muchonata

## Common Name

Chamise
Toyon
Coffeeberry

Red berry
Wedgeleaf ceanothus; buckbrush Mariposa manzanita

## Common Name

Bracken fern
Chain fern
Licorice fern Maidenhair fern Goldenback fern Coffee fern

## A Partial List of Wildlife in Tuolumne County

## Mammals:

Deer (Mariposa Herd)
Coyote
Bobcat
Gray fox
Raccoon
California ground Squirrel
California gray Squirrel
Wood rat

Opossum
Cottontail rabbit Brush rabbit Skunk Pocket gopher Meadow mice White-footed mice

Occasional:
Black bear
Mountain lion
Ring tail cat

## Reptiles:

Alligator lizard Common kingsnake Spadefoot toad

Birds
California quail
Gopher snake

Mourning dove
Screech owl
Band-tail pigeon
Flicker
Acorn woodpecker
Brown towhee
White-crowned sparrow
Mockingbird

Sparrow hawk California jay California thrasher Meadowlark
Western bluebird Vultures
Ruby-crowned kinglet Magpie
Red-tail hawk


[^0]:    Certain visitor participation programs may take place within the Zone of Primary Cultural Interest

[^1]:    *Department of Finance: Report 77-P-3. December 1977 (1975 to 1990 Projections)

[^2]:    One of Columbia's special annual events

[^3]:    * Historic improvement: restore modern buildings to look old and be compatible with historic-period buildings.

