

STONE LOCK PARK

UC DAVIS LANDSCAPE ARCHITECTURE
LDA 170 FIELD STUDIO
CREATED BY RYAN SRESOVICH

Stone Lock Park features a variety of recreational opportunities that appeal to all age groups. Recreational activity is essential in maintaining a healthy lifestyle. This site design converts open space and industrial waste into a recreational oasis. In recognizing the importance of having access to recreational opportunities the park offers amenities for ball sports, skateboarding, swimming, fishing, boating, running, biking, and walking. The site incorporates education in various forms whether as historical information available at the guest center, learning farm, botanical garden, or in green infrastructure. In providing these fundamental aspects the design generates and captures aesthetic and natural qualities while preserving and limiting development of the existing landscape. Stone Lock Park is a design that assures human gratification and conservation of the naturalistic environment for the present and future generations.



ABANDONED FENCE AND TRAIL/ROAD RUNS EAST TO WEST ALONG NORTHERN EXTENT OF SITE.



QUICK SKETCH OF TRAIL, GREEN STREET, AND GARDEN

Design Concept: According to the Center for Disease Control and Prevention more than 300,000 Americans die a year from preventable deaths due to obesity. Active recreation physically lowers obesity rates, boosts the immune system, protects against cancer, decreases osteoporosis, and reduces risk of developing asthma. Healthy communities can be created with thoughtful design that encourages a variety of activities and mixed uses. Design professionals are aware that physical design and location influence the way places work and function. Stone Lock Park provides recreation through the improvement of a once industrial pollutant into a platform for active recreation; now and for future generations.



OPEN SPACE AND FIELD BEAR JEFFERSON BLVD



QUICK SKETCH OF BASEBALL AND ROCKS FIELD

Design Explanation & Key Elements: The idea of the design was to produce a recreational park out of an existing industrial site. The foundations are rooted in health and educational concepts that assure a variety of activities for all ages. The park incorporates ball fields, a skate plaza, gym, pool, water park, farm, botanical garden, picnic area, guest center, vendors, transit station, nature trail, river promenade trail, beach access, and a safe street. The elements of the park meet the needs of the youth, teens, young adults, adults, and seniors. A major theme includes the incorporation of sustainable and green technologies to promote a stable future.



PHOTO: RYAN SRESOVICH

STONE LOCKS (LEFT) WITH STAIRWAY AND POLLUTED WATER



QUICK SKETCH OF STONE LOCK RECREATION AREA AND BEACH

Implementation & Additional Information: The implementation of this site design would occur with the assistance of numerous grants and other financial provisions such as The 21st Century Green High-Performing Schools Facilities Act (HR 2157), The Urban Revitalization and Livable Communities Act (HR 3734), and The Americas Great Outdoors Initiative. Parks for active recreation are not built half as much as they are needed to accommodate our growing populations. The concepts of this design fit the existing zonal codes and provide a creative way to implement industrial properties into user friendly and healthy landscapes. Reinforcing the idea that "if we want active, healthy people we need to provide safe and accessible places for children and adults" (American Society of Landscape Architects)



PHOTO: RYAN SRESOVICH

ADJACENT SACRAMENTO RIVER VIEWS AND RECREATION



QUICK SKETCH OF VIEW SPOT AND VIEW COVERED TRELLACE



CONTEXT MAP: GOOGLE EARTH



WEST SACRAMENTO LANDUSE ZONING MAP



USGS TOPOGRAPHY MAP
-VERY MINOR CHANGE IN SLOPE

DESIGNING A HEALTHY WEST SACRAMENTO

DESIGN PROCESS



OPPORTUNITY & CONSTRAINTS

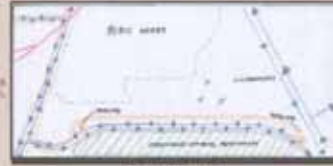
AREA IN RED IS COMPROMISED FOR DEVELOPMENT BY EXISTING CONSTRAINTS BLUE REPRESENTS LAND AVAILABLE FOR CHANGE

NATURAL FACTORS THAT INFLUENCE THE SITE INCLUDES RIVERS AND SOUTH WINDS, SUN PATTERNS, WATER, AND EXISTING VEGETATION



NATURAL

CULTURAL INFLUENCES INCLUDE AUTOMOTIVE TRAVEL PATTERN, BIKER TRAFFIC (BIKE), BICYCLER TRAIL, WALKER TRAILING, AND TRAILS DESIGN



CULTURAL

EXPERIENTIAL INFLUENCES INCLUDE SIGHTS/SCENES, TRAIL OF SOCS, INDUSTRIAL AREA, GUEST ARRIVAL, POTENTIAL VIEWLAND DEVELOPMENT AREA



EXPERIENTIAL

RENTALS AVAILABLE WATER SPORT BOATS & RECREATION (FISHING, BOWFISHING, WINDING, KAYAKING, CANOEING, FLOATING, PADDLE BOARD, & LESSONS)



PICTIC AREA TABLES AND BIKES FOR FAMILIES, FRIENDS, ORGANIZATIONS OR GROUPS, ALSO AN OPEN LAWN AREA FOR MULTIPLE USES



STONE LOCK RECREATION TURN THE INDUSTRIAL STONE LOCK INTO AN AREA USABLE FOR WATER RECREATION (SWIMMING, CANOE, ETC.)



SYNTHETIC TURF FIELDS: MINIMAL SYNTHETIC TURF TO REDUCE MAINTENANCE AND WATER USE

SKATE PLAZA: INCORPORATE A SKATEABLE PLAZA THAT IS VISUAL & ACTIVE, AND USABLE BY SKATEBOARDERS



CONCEPT MAP

CONCEPTUAL THEMES AND SCENIC CONCEPTS: PRINCIPLE IDEAS FOR DESIGN LAYOUT AND THEME



MASTER PLAN
STONE LOCK RECREATIONAL PARK
CITY OF WEST SACRAMENTO



VIEW SPOTS: VARIOUS VIEW SPOTS WITH VIEW COVERED TERRACES



TREASURE ISLAND CHILDREN RECREATION: BASED AFTER THE SHIPWRECK ISLAND AT DISNEYLAND



BOTANICAL GARDEN: GARDEN PLOTS WITH DIFFERENT PLANT SPECIES FOR EDUCATION AND ARTISTS

ILLUSTRATION

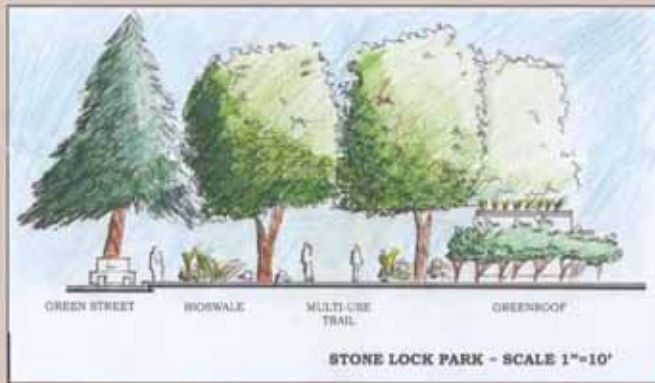
RECREATION CENTER & SKATE PLAZA



BIRDS EYE VIEW

The Recreation Center is designed for public recreation and includes an information center, gym, pool, and childrens water park. The building also incorporates sustainable technologies in the form of a green roof and solar panels. The Skate Plaza is a hybrid skate park that is visually aesthetic for all users but is also skateboarding friendly. The concept is to be able to incorporate the needs of an average park visitor and skateboarders alike.

SECTION A~A



STONE LOCK PARK - SCALE 1"=10'

Section A-A displays the green street and bioswale modeled after the Hiskiyou Green Street in Portland, Oregon for stormwater runoff management. Also shows a multi-use trail for walking, running, and bicycling. The bathrooms throughout the site have green roofs to minimize stormwater runoff.

WEST ISLAND VIEW



STONE LOCK PARK - SCALE 1"=10'

Treasure Island is a children and teenage recreation area based after Tom Sawyer Island at Disneyland. The design incorporates physical activities, games, and entertainment for youth that are centered on educating the users of the natural landscape and outdoors.