



**Detention Architecture for Adult and Juvenile  
Mental Health in California-Case Studies**

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# Course Description

The California Legislature has found that the current challenges in managing adult and juvenile jail populations requires improved housing with an emphasis on expanded program and treatment space as an investment in public safety.

A cross-disciplinary team of experts will discuss model case studies from current architectural projects in detention facilities in California funded by SB1022, SB863 and AB900 – for improved facilities and program services in Adult and Juvenile Mental Health.

# Learning Objectives

1. Applying principles of design excellence to secure justice facility design and expanding what is possible in detention.
2. Advancing improvements in building security for humane delivery of mental health treatment in secure settings.
3. Providing effective systems for assessing code and functional issues of existing jails in planning for improved services and building projects.
4. Taking into consideration State of California minimum code requirements for structural performance, life safety and energy as a condition of flexible, functional and well-designed building projects to improve service in long-term programs and building life cycles costs for aging jails.



# OUR PANEL FROM CALIFORNIA



**Kenneth J. Harms**  
Kitchell CEM



**Carol S. Lanham**  
Kitchell CEM



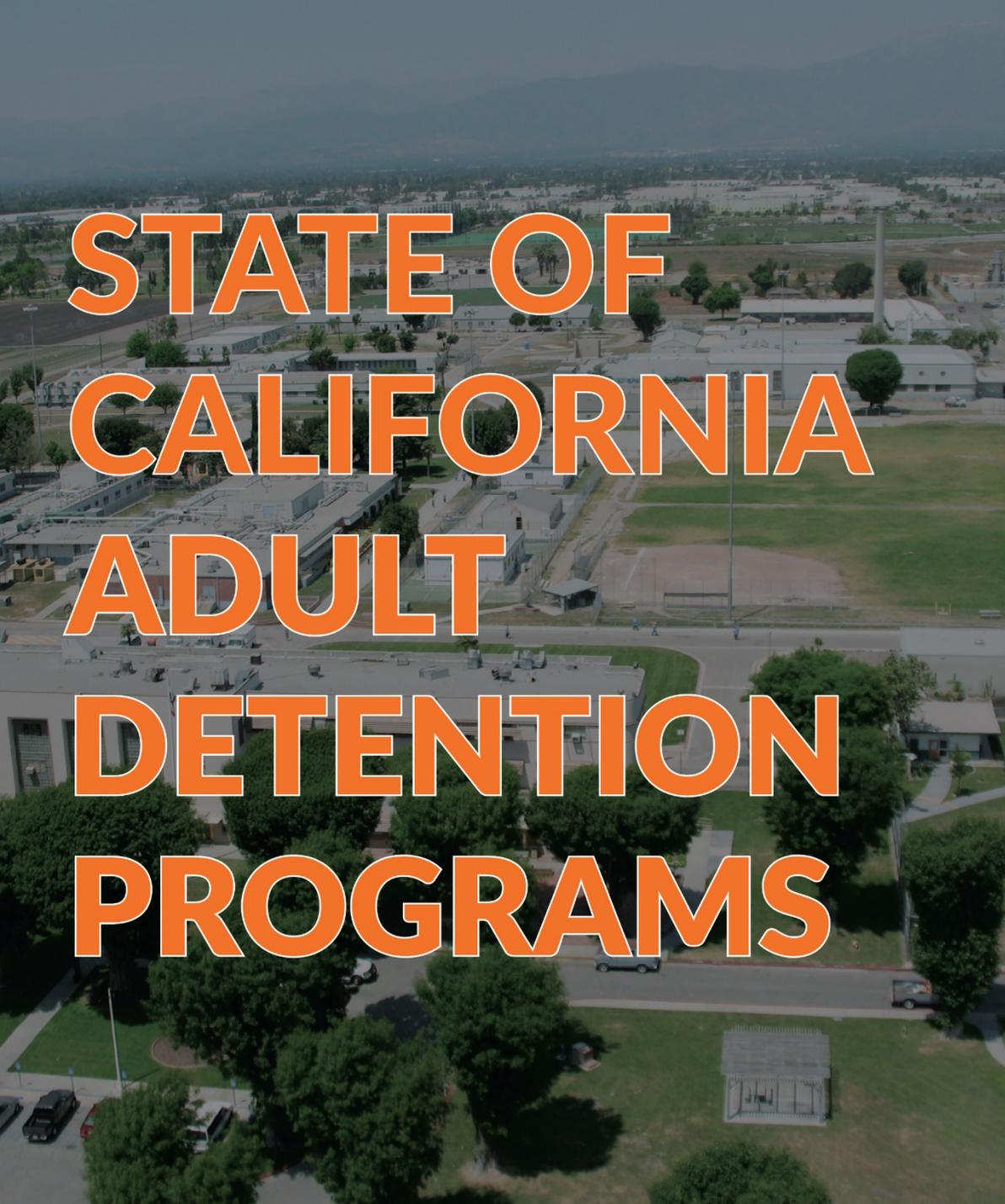
**Rona G. Rothenberg, FAIA**  
County of Alameda



**Gary Retel**  
DLR



**Bruce Oveson**  
Sonoma County



# STATE OF CALIFORNIA ADULT DETENTION PROGRAMS

- Jurisdiction is under Executive Branch California Department of Corrections and Rehabilitation (CDCR)
- Budget includes over \$11.3B for CDCR operations not including special funding for facilities improvements for mental health program support

# STATE OF CALIFORNIA ADULT DETENTION FUNDING PROGRAMS

IMPACTS OF  
REALIGNMENT  
ON COUNTIES

1

Housing inmates for longer periods

2

CDCR lawsuits “roll” down

3

Older and sicker populations

4

Lack of program space



March 2011

Governor Brown signs AB 109  
"Realignment"

- Identifies non-violent,  
non-serious non-sexual  
felony offenders to be  
sentenced to County jails.

Counties take on central  
role in rehab of realigned  
offenders.

- Split sentencing
- PRCS
- Flash incarceration
- Home detention
- Alternative sentencing



County jail populations  
increase by 11,000



State prison population  
decreases to 137.5% of  
rated capacity.



SB 1022, SB 863, AB 900  
supply \$2.3B to counties to  
build and bosser services



# KITCHELL IN NUMBERS

## SB 1022 FUNDING

Yolo County, Monroe Detention Center Expansion & Day Reporting Center	\$42 million
Stanislaus County, Re-Entry & Enhanced Alternatives to Custody Training (REACT) Center	\$44 million
Sacramento County, Rio Cosumnes Correctional Center	\$88.9 million
Solano County, Claybank Detention Facility & Vocational Training Center	\$40 million
Fresno County West Annex Jail	\$87.9 million
Santa Barbara County Sheriff Transition & Re-Entry Facility (preconstruction services only)	\$2.3 million

## AB 900 FUNDING

Madera County Jail	\$34 million
CDCR, Mule Creek State Prison Infill Project	\$516 million
Calaveras County Adult Detention Facility & Sheriff's Office	\$59 million
Kern County Justice Facility	\$126.7 million
Santa Barbara County Northern Branch Jail	\$88.9 million
Monterey County Jail Housing Addition	\$88.9 million
CDCR, Health Care Facility Improvement Program (HCFIP), California Institution for Men (CIM)	\$12.6 million
CDCR, Health Care Facility Improvement Program (HCFIP), California Institution for Women (CIW)	\$10 million
Los Angeles County, Mira Loma Detention Center	\$136.6 million
CDCR, Health Care Facility Improvement Program (HCFIP), Richard J. Donovan Correctional Facility	\$7.9 million

## SB 81 FUNDING

Shasta County Juvenile Rehabilitation Facility	\$18.7 million
Los Angeles County, Campus Vernon Kilpatrick Replacement Project	\$41 million
Riverside County, Alan M. Crogan Youth Treatment & Education Center	\$38.4 million
Santa Clara County, James Ranch Expansion Project	\$13 million
Monterey County, Salinas Juvenile Hall	\$52.7 million
San Luis Obispo County Juvenile Hall Expansion	\$21.3 million
Orange County Juvenile Hall Multipurpose Rehabilitation Center	\$23.3 million

## SB 863 FUNDING

Sonoma County Behavioral Health Housing & Transitional Unit	\$44.6 million
Ventura County, Todd Road Jail Health & Programming Unit	\$48 million
Alameda County, Santa Rita Jail	\$99 million
Yolo County, Leinberger Replacement Facility	\$30.5 million



**CDCR AB900  
PHASES I/II**

- Adult local criminal justice facilities financing to support construction, renovation and expansion of County jails to support associated programming for shifted detainees
- Responded to 2007 realignment of low-level offenders from State to local jurisdiction
- \$2.3B requested by 45 Counties
- \$1.2B awarded, many awards relinquished



- For Adult local criminal justice facility financing for County jails
- Improved facilities intended to support and manage reentry and mental health programs as alternative to long-term incarceration
- \$373.3M requested by 21 counties



## CDCR SB863 (CA) BACKGROUND

18 Counties requested \$295M; \$160M awarded, some pending, some relinquished

For counties across the State of California, the failure to provide sufficient mental health services at jails has led to:

- Legal liability for a violation of the Eighth and Fourteenth Amendments of the Constitution,
- Violation of California Constitution Sections 7 and 17,
- Violation of the Americans with Disabilities Act,
- Violation of Title XV of the California Code of Regulations,
- Federal and/or State investigations, and
- Monitoring by outside legal counsel.



**CDCR SB863 (CA)  
KEY FEATURES**

Consistent with Prop. 47, AB109 objectives:

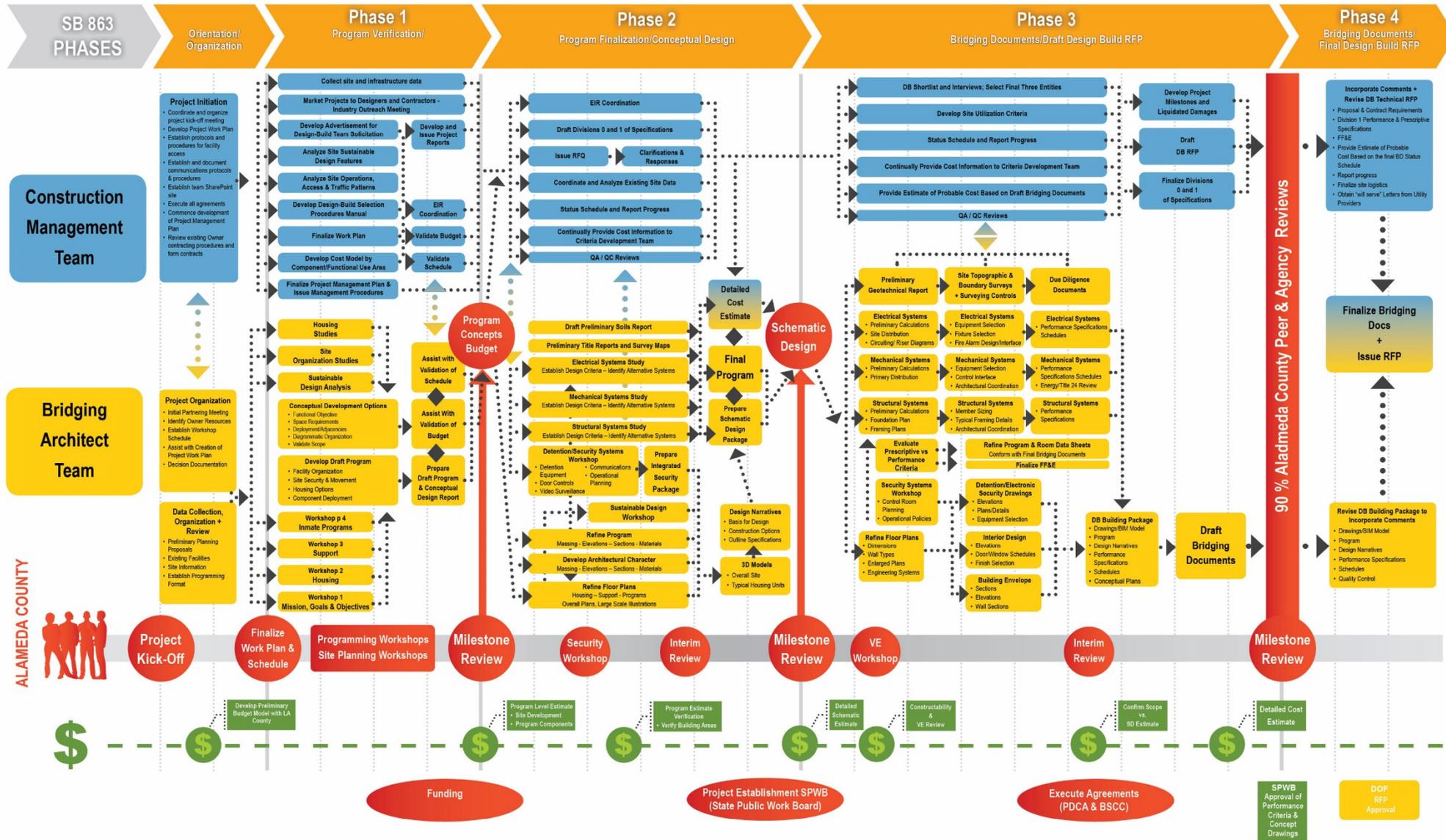
- Urgency of getting adult local criminal facilities updated to meet critical program needs for re-entry and mental health services
- Intended to provide safe, accessible, efficient resources at existing detention facilities for mentally ill and special needs inmates



# STATUTE ALLOWED DELIVERY MODELS

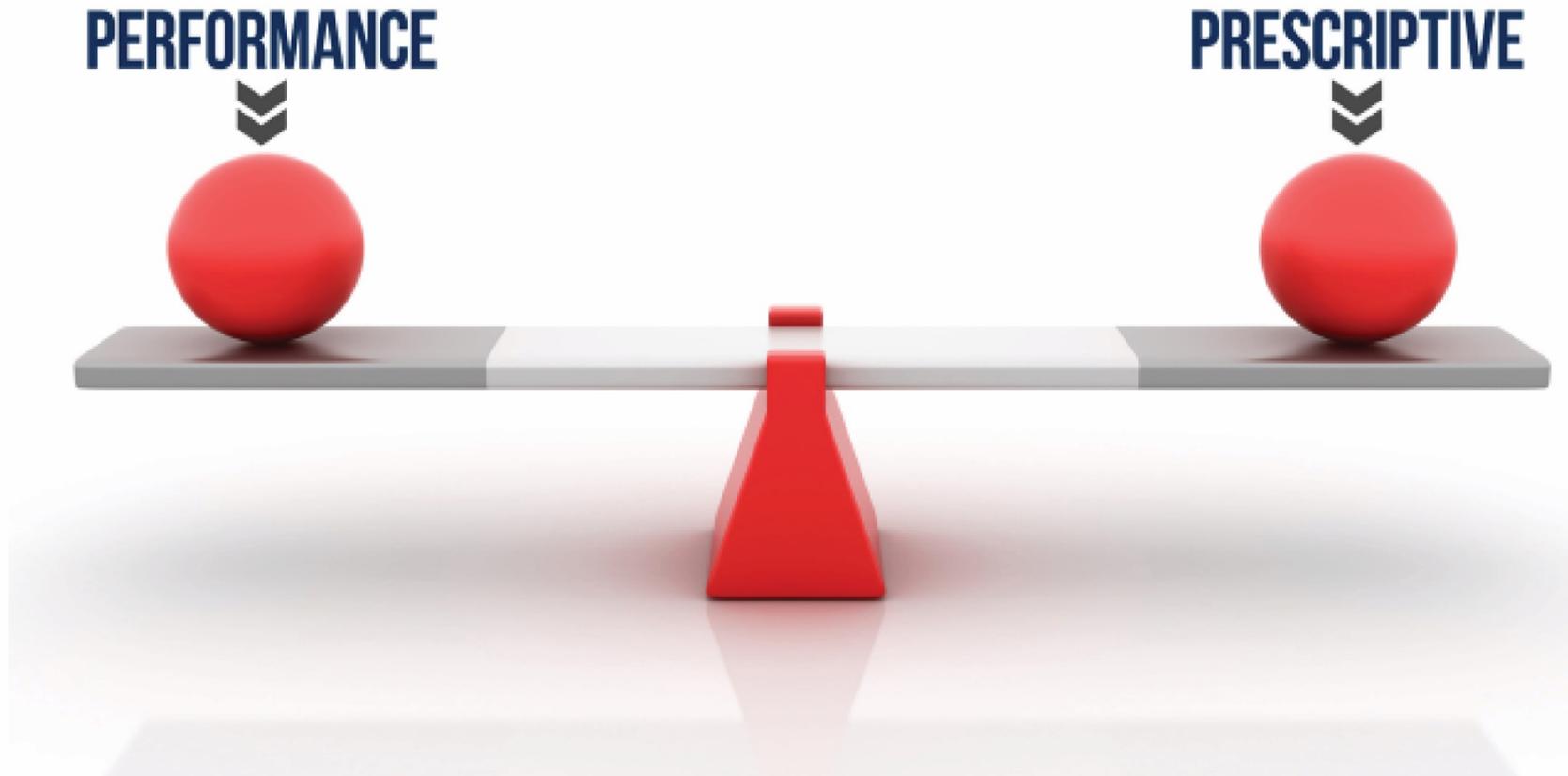
- Design-Bid-Build
  - Traditional State process with full bid documents
- Design Build
  - Classic D-B with bridging
  - Performance documents

# STATE OF CALIFORNIA PROCESS





# DESIGN-BUILD CHOICE



# MIRA LOMA



The reactivation of the Mira Loma Facility as a Women's Detention Center provides Los Angeles County with an opportunity to re-envision the approach to the care, treatment and rehabilitation of female inmates.

## **Features of the proposed Mira Loma Women's Detention Center:**

- Housing for 1,604 low- to medium-security female inmates
- Approximately 36 acre campus setting
- Renovation and new construction of housing, administration and visitation facilities
- New dining, kitchen and warehouse
- New onsite medical clinic
- New transitional housing

## **PROJECT OBJECTIVES**

# MIRA LOMA

## PROPOSED PROGRAMS

### Treatment:

- **New Medical/IPA Building:** Healthcare, clinic and wellness services specific to the needs of women

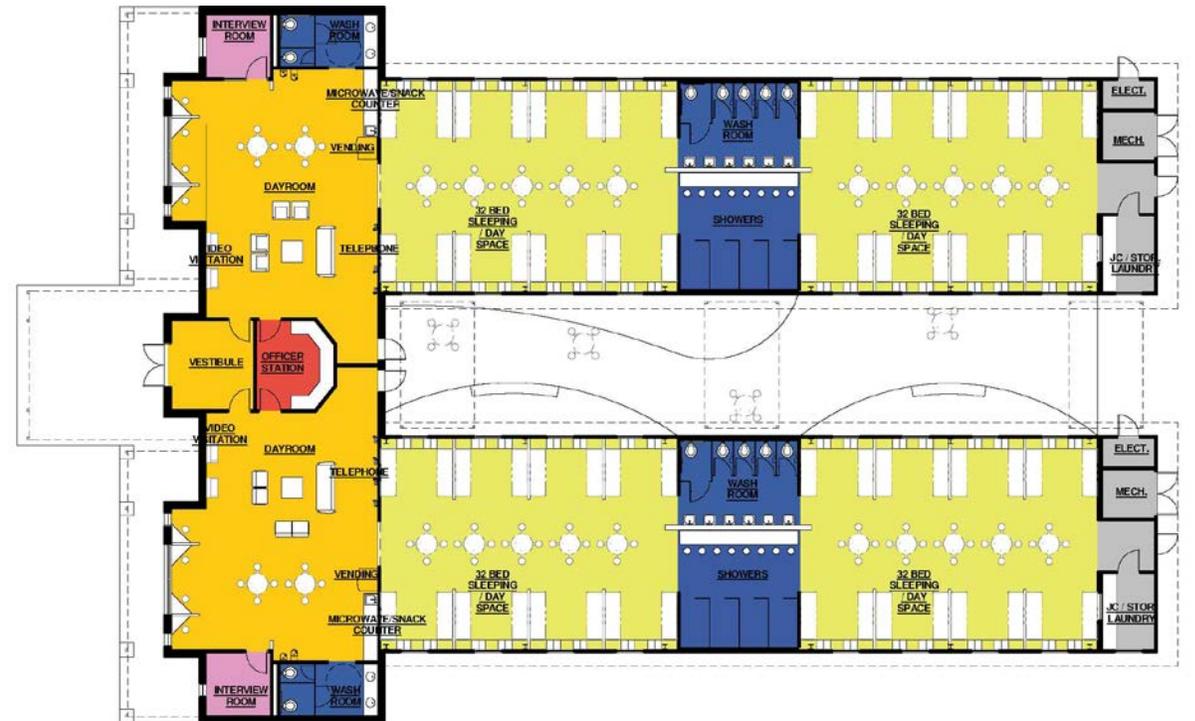
### Programming:

- **EBI Classroom Building:** Vocational and educational classes and programs
- **Housing Units:** Dayrooms and classrooms for personal development and treatment programs
- **Kitchen:** Culinary kitchen, job training and vocational programs



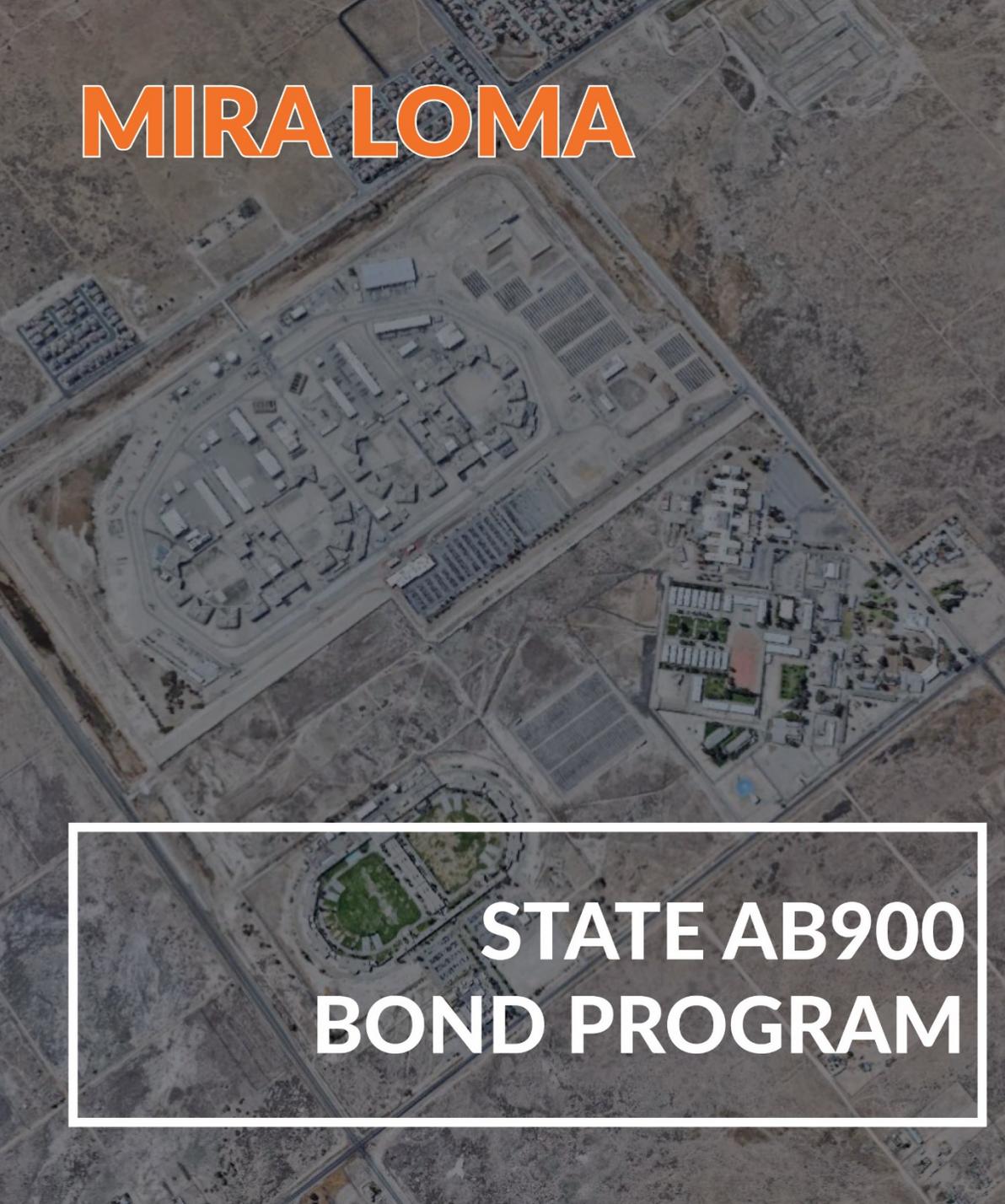
# MIRA LOMA

## PROPOSED HOUSING UNITS



**128-Bed Housing Unit  
Concept**

# MIRA LOMA



## STATE AB900 BOND PROGRAM

### AB900 Process:

- AB900 – Phase I application May, 2007 (relinquished September, 2008)
- AB900 – Phase II application May, 2011
- State approved Performance Criteria Package April 12, 2018.
- State approved release of the RFP to solicit Design-Builders on May 31, 2018
- Proposal period ends and selected Design-Builder notified November 6, 2018
- Next Step: County Board of Supervisors and State approve award to selected Design-Builder

# LOS ANGELES COUNTY

“

... the Camp Kilpatrick project is about more than constructing a replacement facility ... it is about a vision for the future ... a vision focused on youth treatment resulting in improved outcomes for each individual, their community and society ... it will establish a new model for LA County, California and the nation ...



**RATES OF TRAUMA  
IN JUVENILE JUSTICE  
YOUTH**

- LA County Probation is the largest Probation Department with more than 6,500 employees.
- 3 juvenile halls, 9 juvenile camps totaling 50 different facilities serving 750,000 youth ages 12-17
- Average daily population of 800-1,000 kids with a historic high of 1,800 kids back in 2001
- Since 2004 as Probation moves toward committing only the most high risk youth while diverting many youth to receive probation services at home.

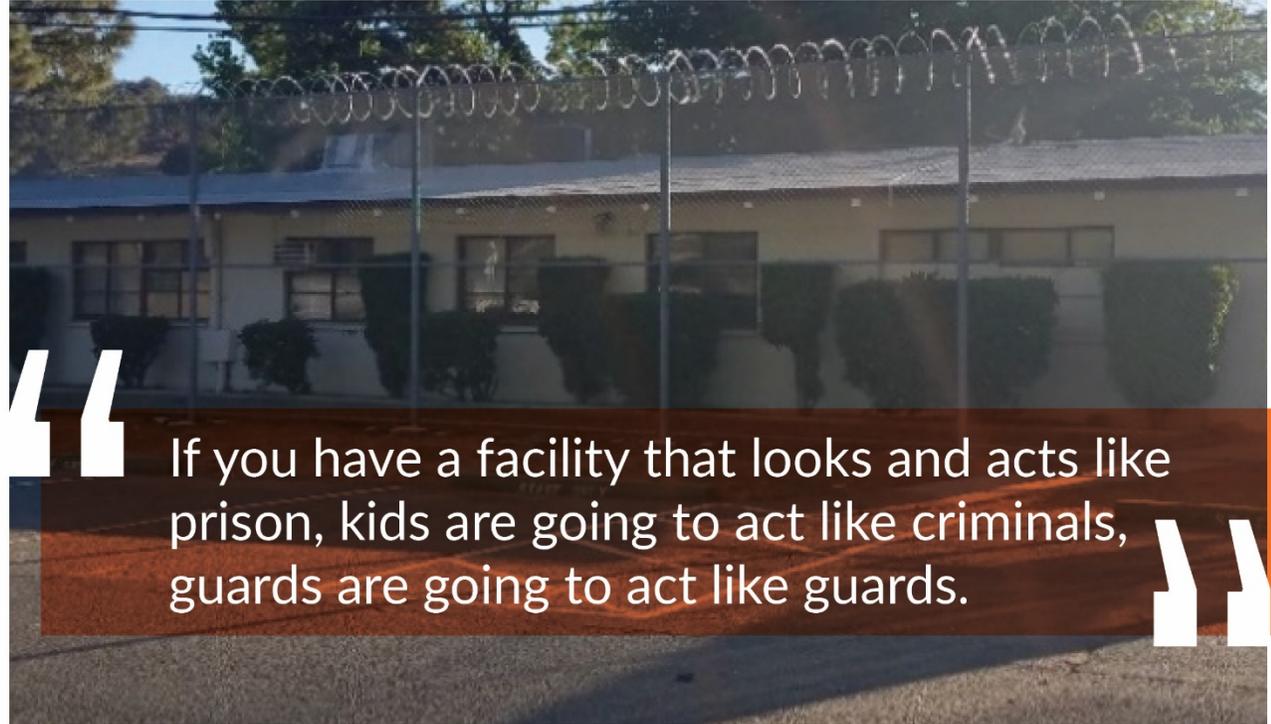
# LOS ANGELES COUNTY



The first day in camp, I felt that everyone had already given up on us. Being housed in a large dorm back then was like being in 'Fight Club.' I had to watch my back constantly.



— Vincent, former resident



If you have a facility that looks and acts like prison, kids are going to act like criminals, guards are going to act like guards.



— Michelle Newell Children's Defense Fund

THE OLD LA MODEL

# LOS ANGELES COUNTY

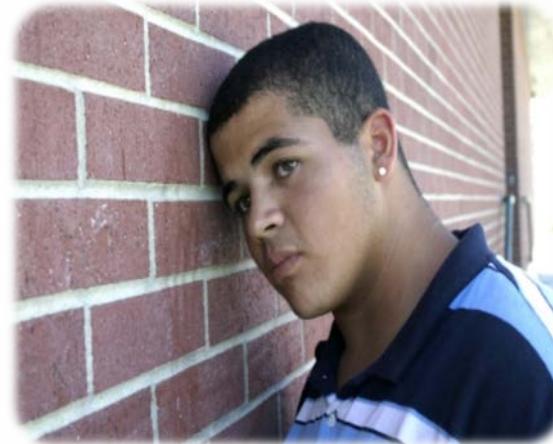
## RATES OF TRAUMA IN JUVENILE JUSTICE YOUTH



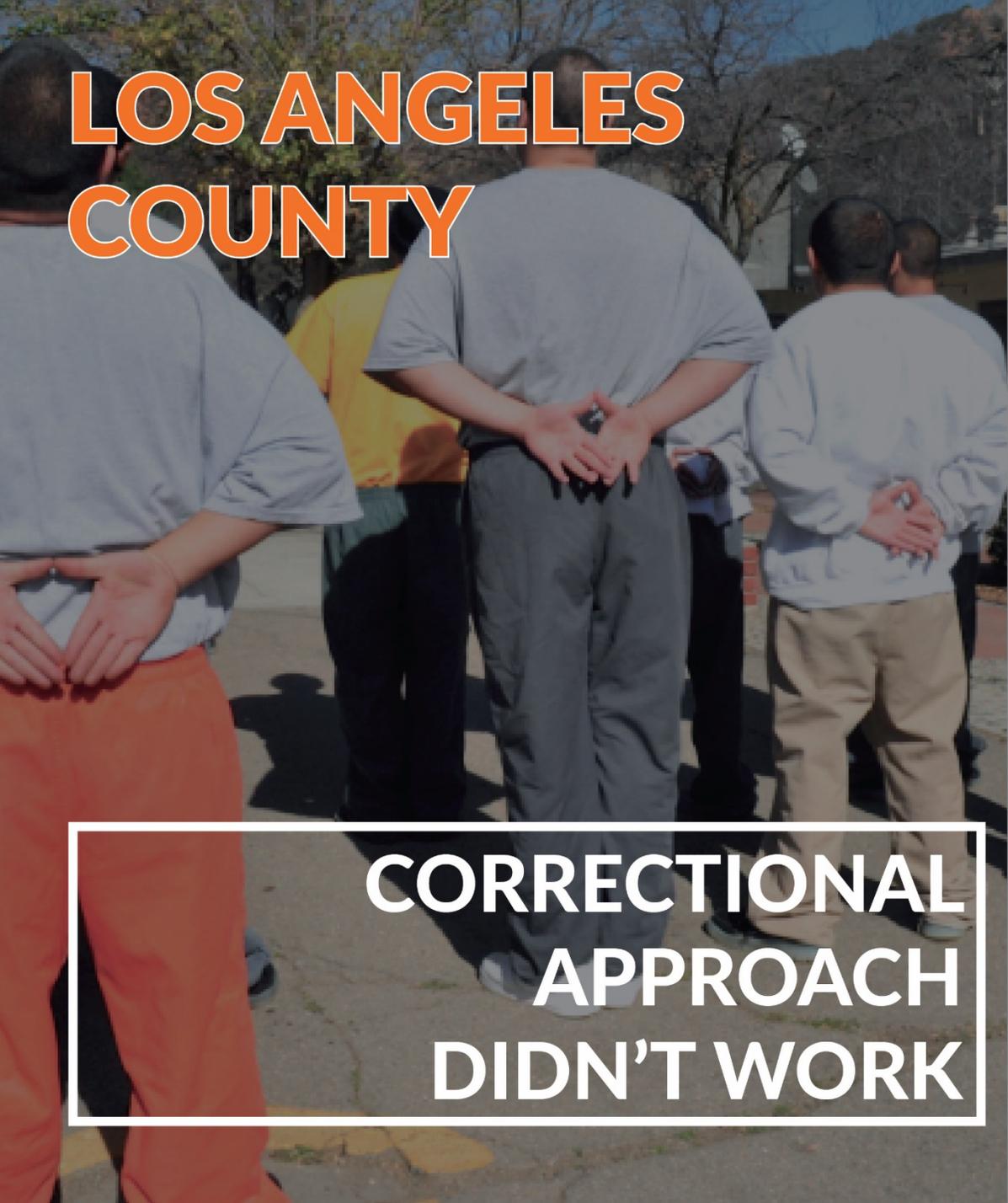
**93% of adjudicated youth reported at least one or more traumatic experiences.**



**Youth in the Juvenile Justice population have rates of PTSD that exceed those of service members returning from Iraq.**



**The average number of different traumas reported was six.**



# LOS ANGELES COUNTY

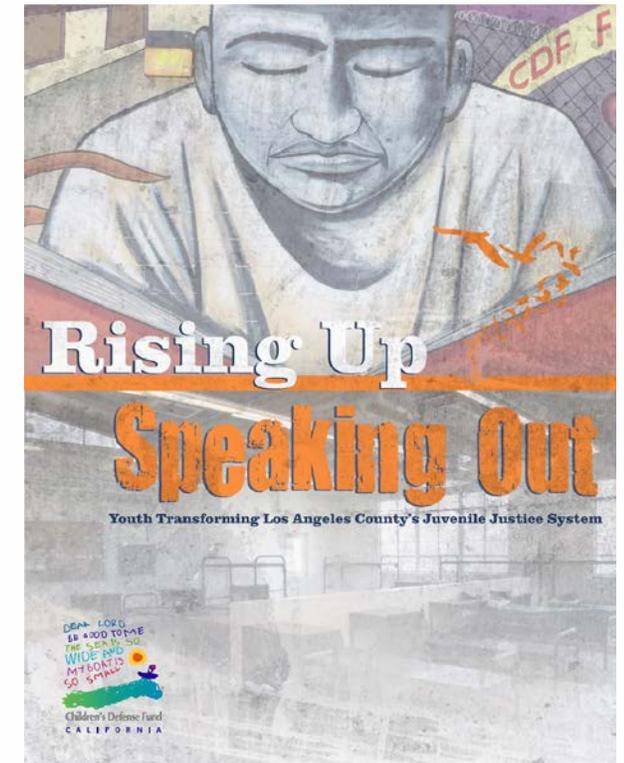
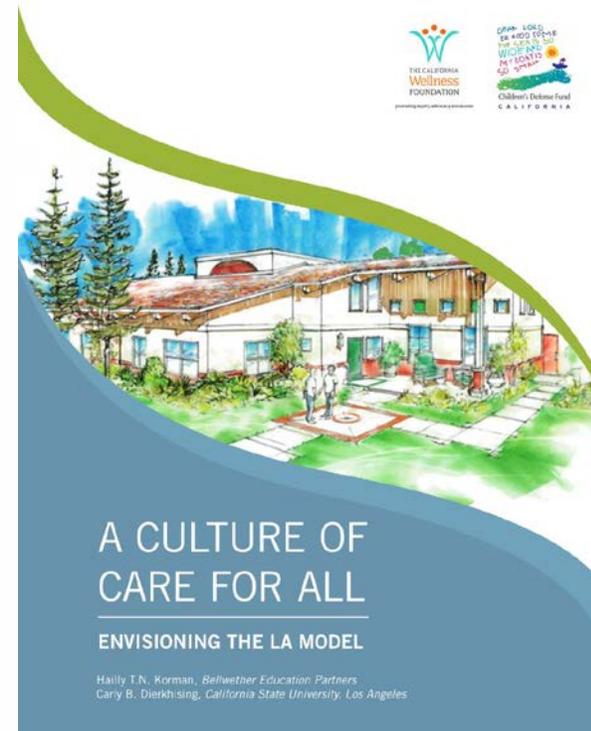
**CORRECTIONAL  
APPROACH  
DIDN'T WORK**

Our former approach of a large dorm model didn't allow for meaningful engagement with youth, or give them the opportunity to examine their own behavior choices and its impact on others.

# LOS ANGELES COUNTY



## THE NEW LA MODEL CAMPUS KILPATRICK MALIBU, CA



# LOS ANGELES COUNTY

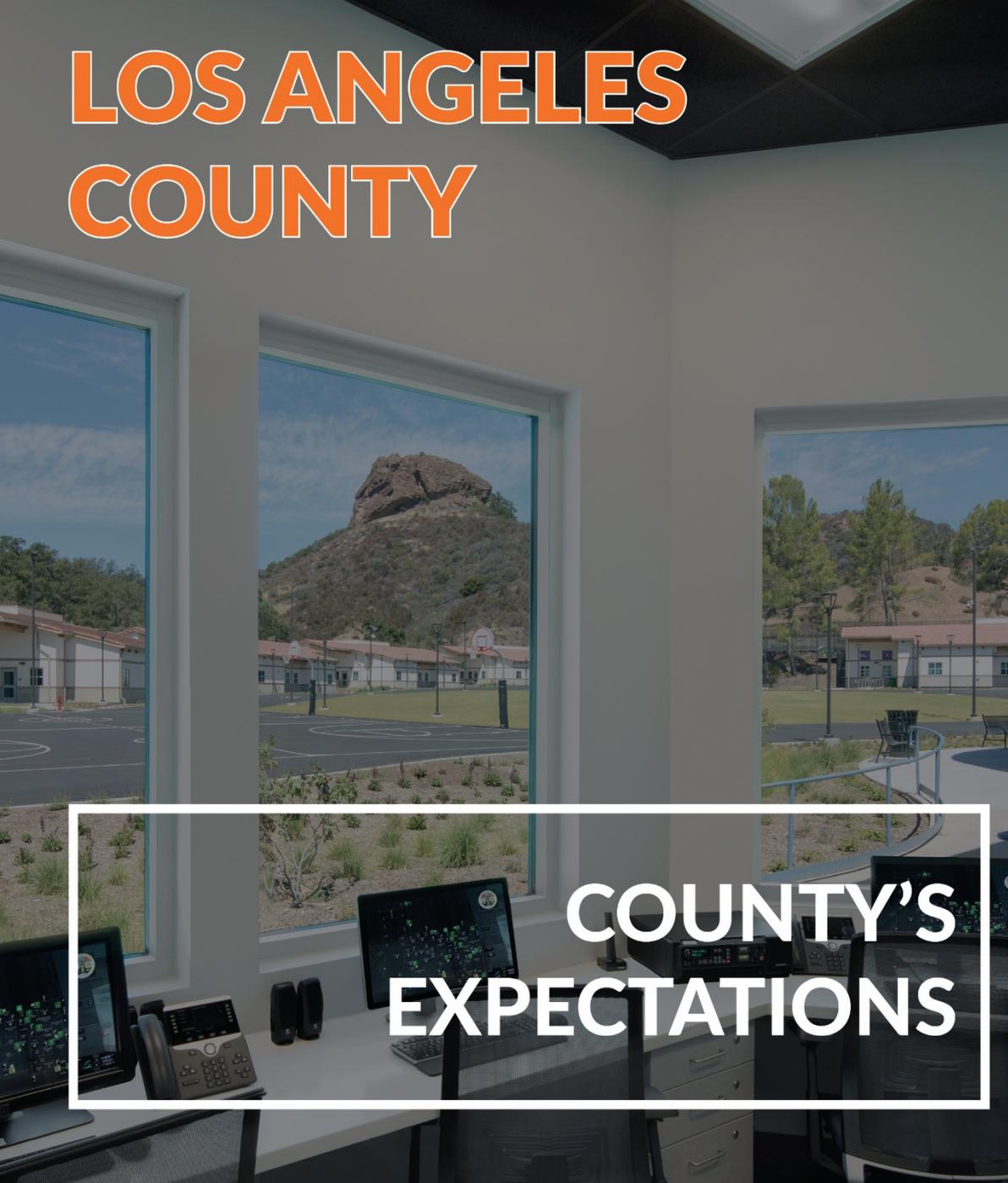


## Criteria

- Housing
  - 2 - 12/24 Bed Buildings
  - 3 - 12/36 Bed Buildings
- Internalized School – Corridor Circulation
- Multi-Purpose Gym – Physical Education, Recreation, Dining, Visiting
- Combined Food Service & Culinary Arts Kitchen
- Dining via or trayed/carted meals
- Internalized organization and circulation



# LOS ANGELES COUNTY

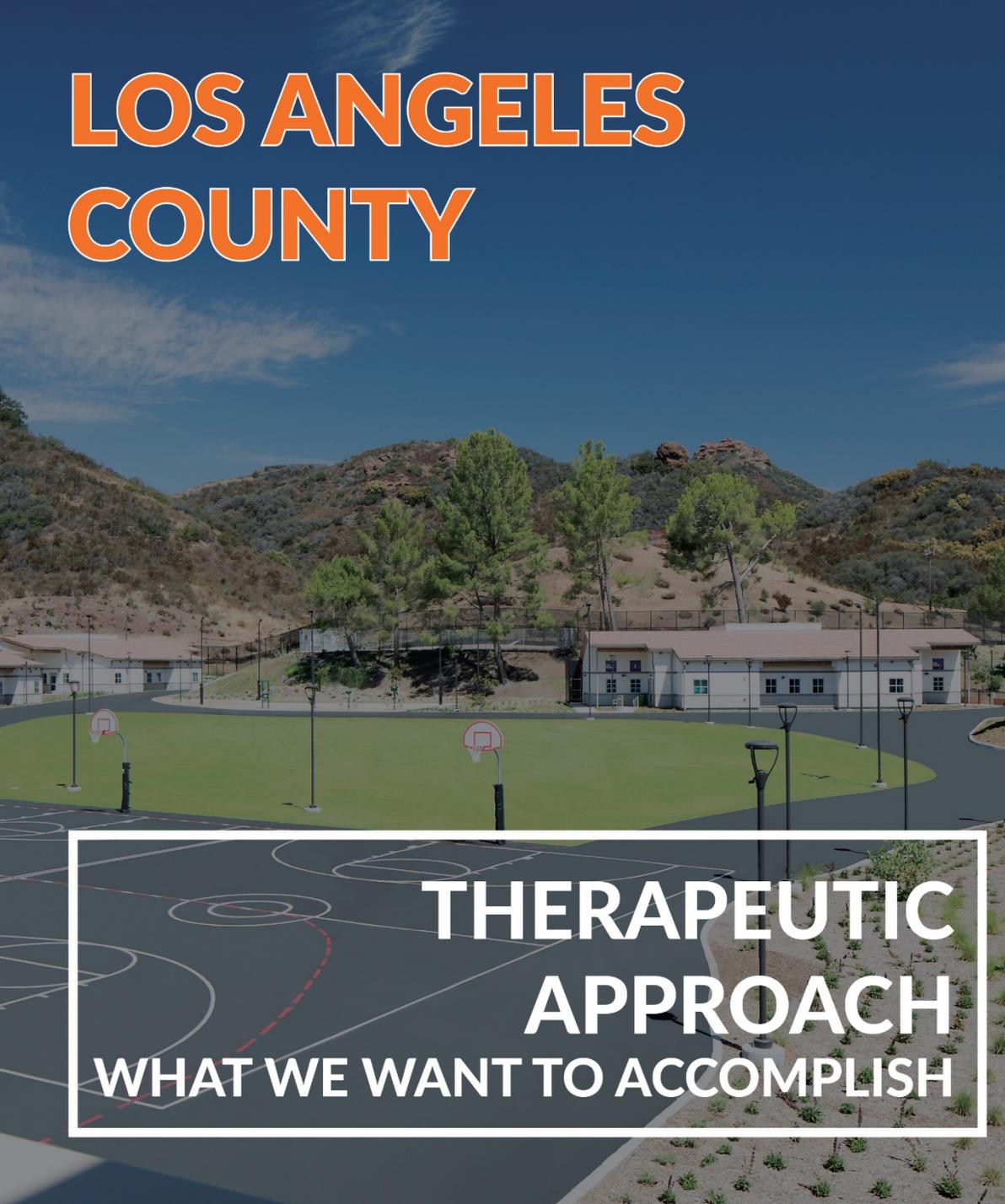


## COUNTY'S EXPECTATIONS

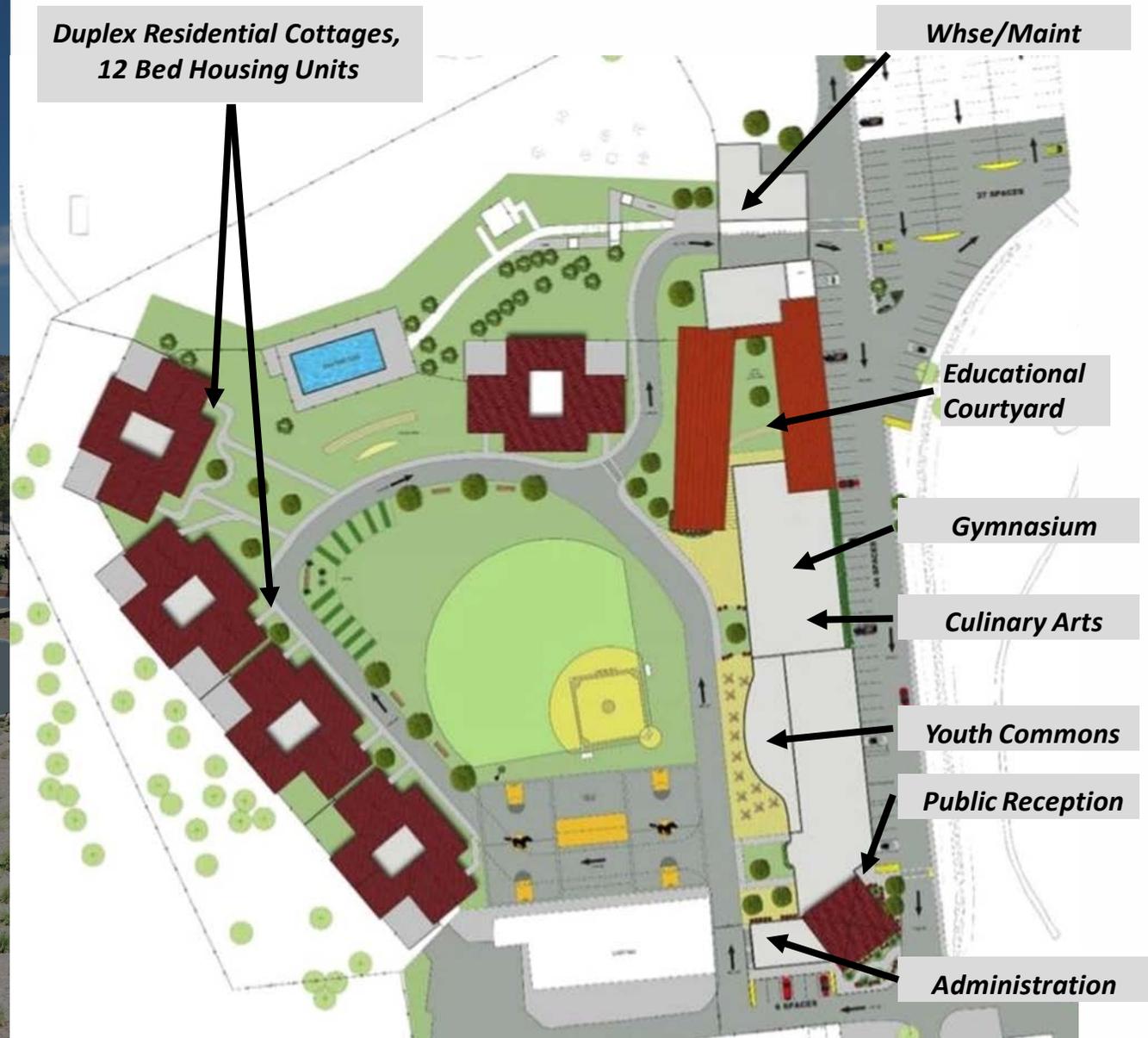
### New LA Model – Campus Kilpatrick

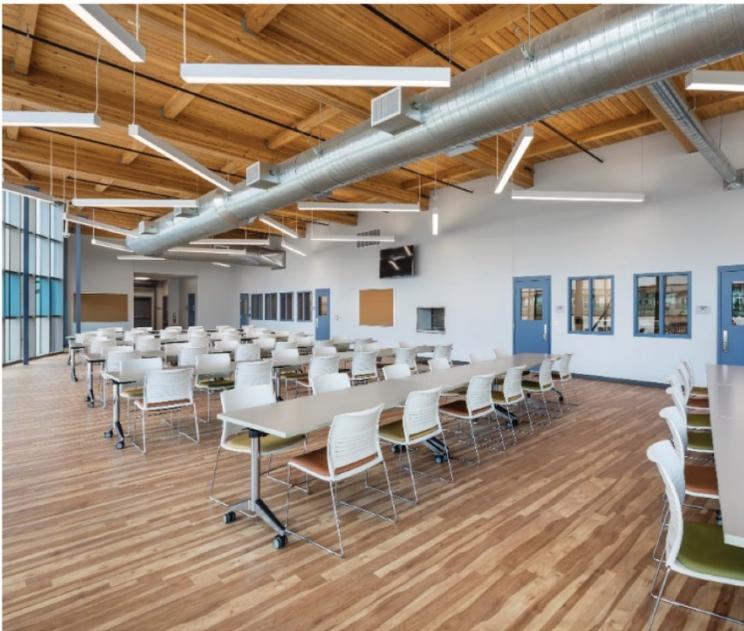
- New Replacement Facility, 120 Beds – total demolition and reconstruction
- Emphasis on the individual and small group living and program delivery
- Care & Custody vs. Custody & Control
- Emphasis on a holistic Integrated Treatment Model (LA Model)
- Emphasis on education, arts (visual and performing), skill acquisition, intervention, and behavioral modification
- A physical environment that is non-institutional, residential/home-like living accommodations and capitalizes on the climate by bringing the inside-out and the outside in
- A pilot project for the rest of the County's youth facilities

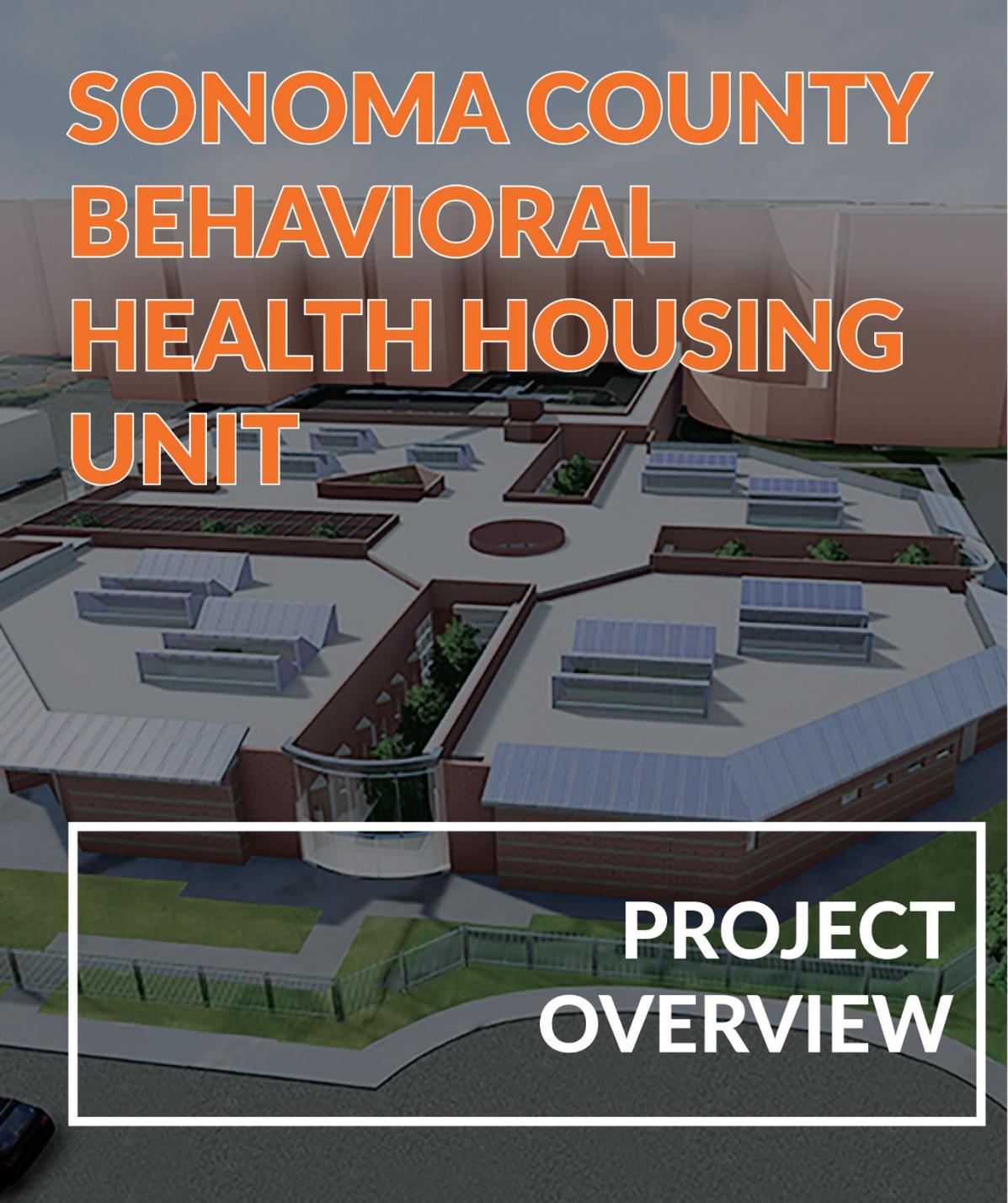
# LOS ANGELES COUNTY



**THERAPEUTIC  
APPROACH  
WHAT WE WANT TO ACCOMPLISH**





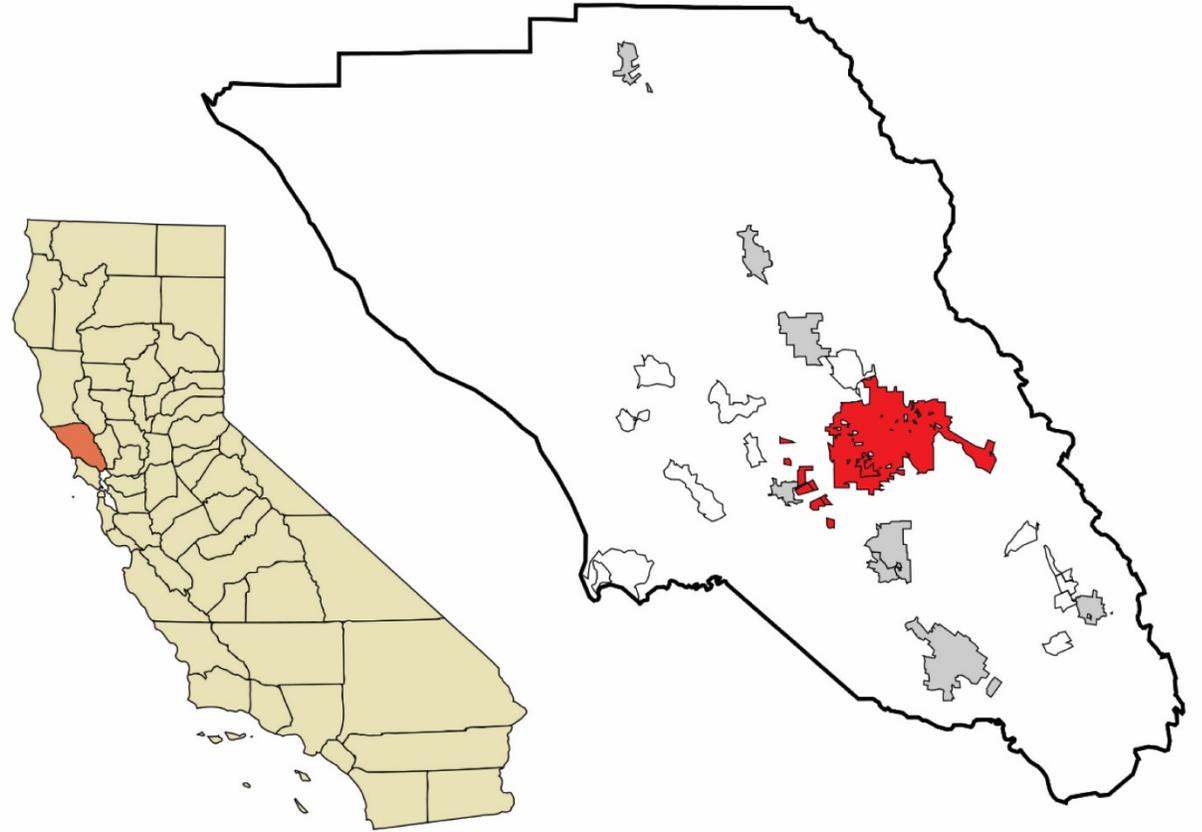


# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT

**PROJECT  
OVERVIEW**

# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT

COUNTY OF  
SONOMA/CITY OF  
SANTA ROSA, CA



# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT

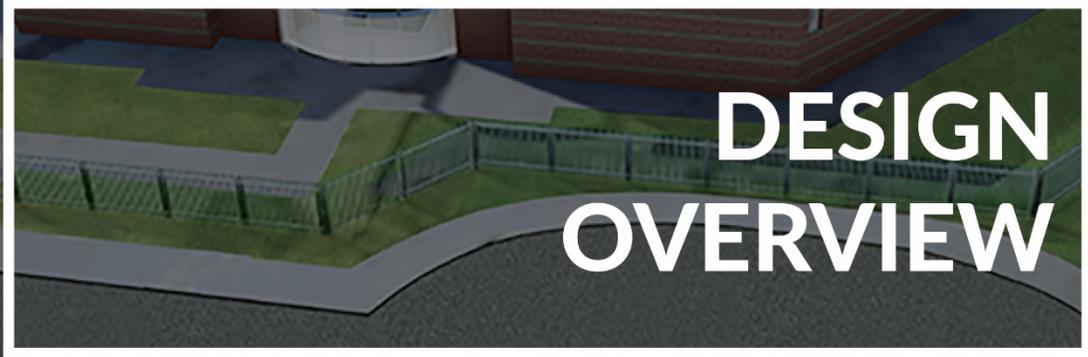
## PROJECT STATISTICS

Located on a vacant County-owned  
3.58 acre parcel adjacent to MADF

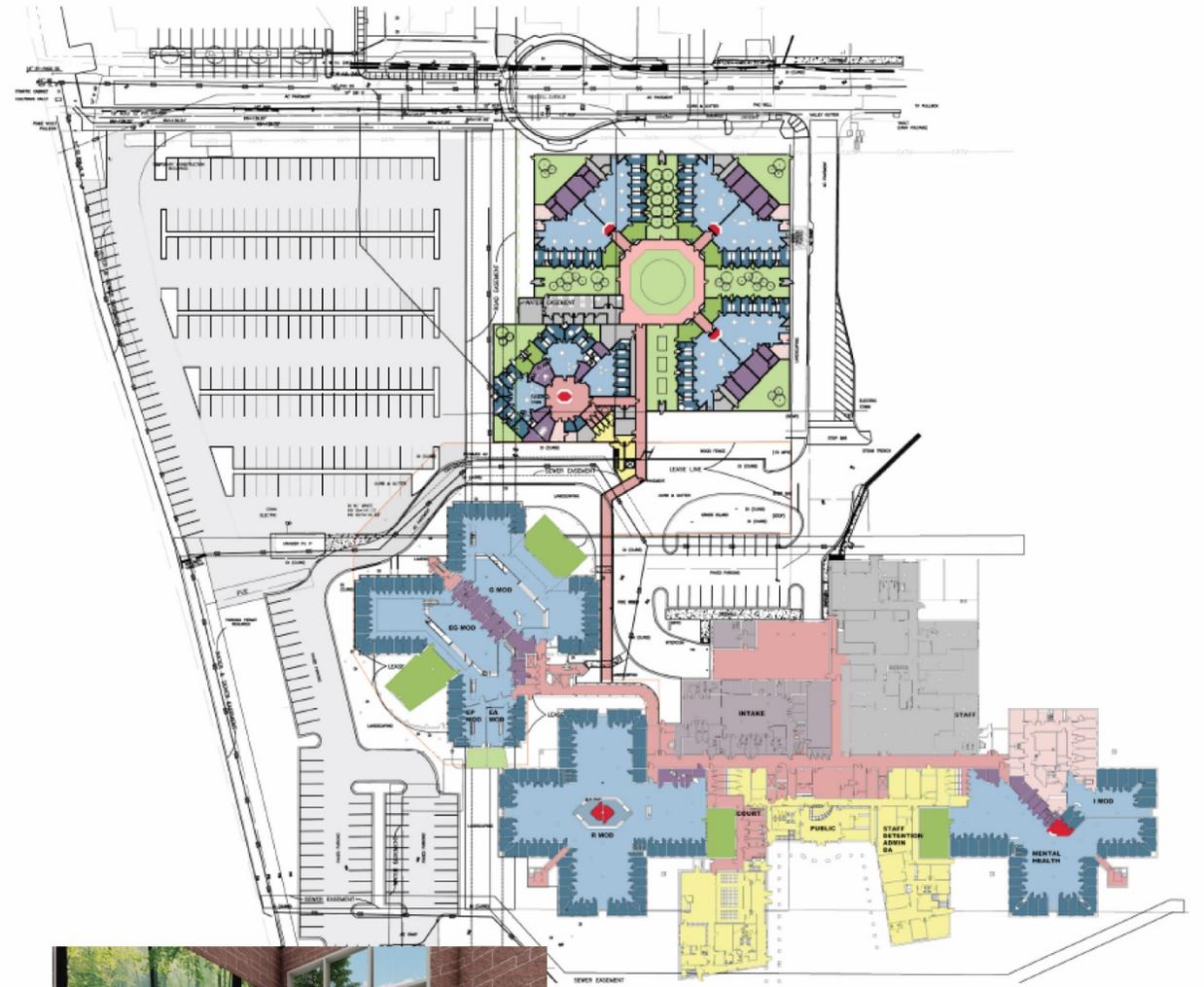


County of Sonoma Administration Center Complex

# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT



**DESIGN  
OVERVIEW**



# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT



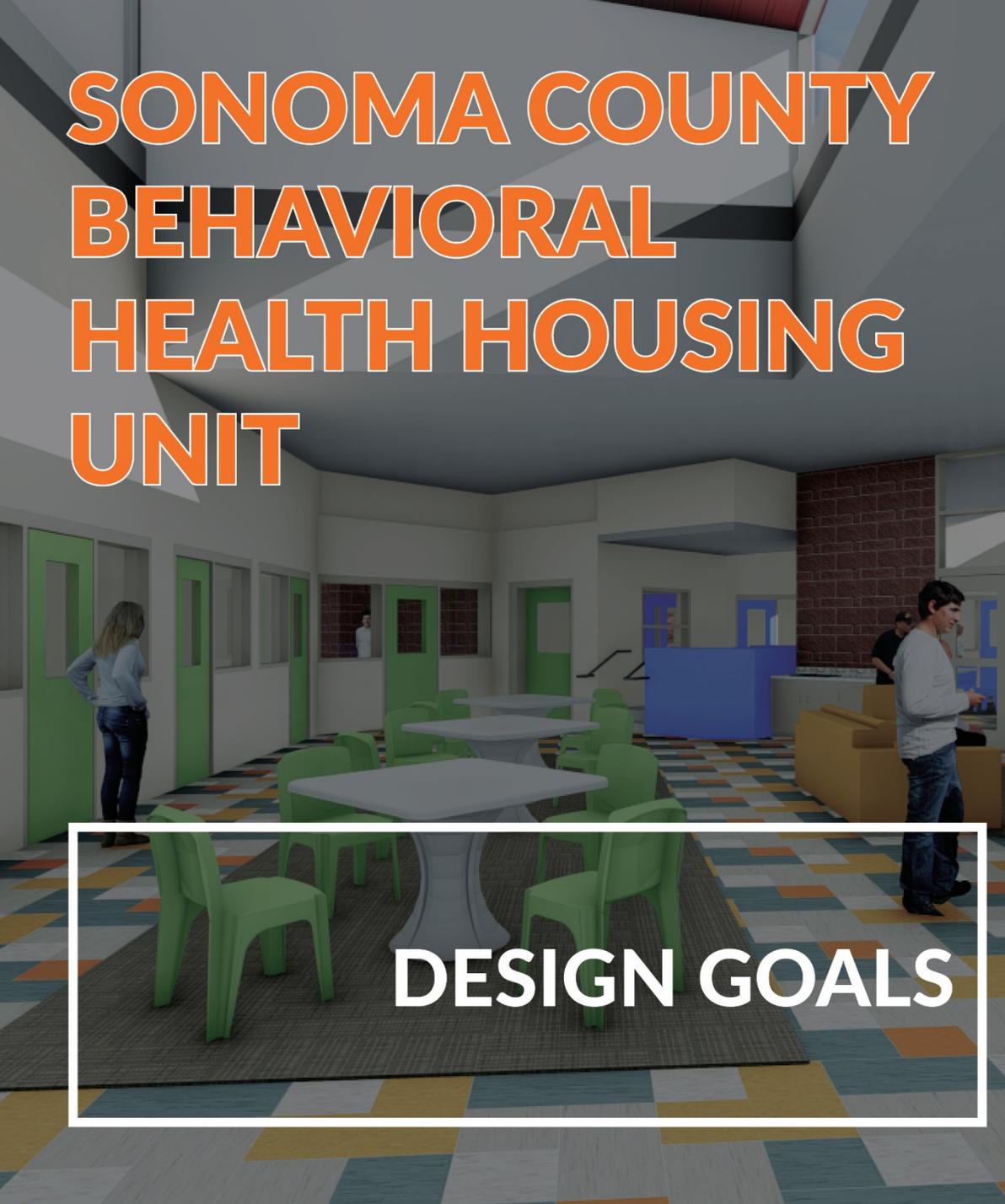
FLOOR PLAN

- 3 Standard Units (20 Beds Each)
- 1 High-Security Unit (12 Beds)
- 9 Dayrooms
- 7 Multi-purpose Rooms
- 8 Exterior Recreation Areas
- 11 Green-space Areas
- Sheriff FTE: 37

## Advantages-

- Treatment Focused- Smaller Units
- Evidence Based Best Practice Design
- Increased opportunity for “Out of Cell Time”
- Six 10 Bed Sub-units allows increased flexibility in classification
- Higher percentage of treatment spaces to inmate
- Smaller Dayrooms- More Residential Scale

# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT



## DESIGN GOALS

- Quality of Environment – Natural Light, Views, Color, Acoustics, Normative Environment, Access to the Outdoors
- Avoid long corridors and linear spaces
- Reduce the sense of crowding and the “Apparent” density
- Flexible furnishings to accommodate group interaction and treatment on the housing unit
- Create dynamic therapeutic communities
- Provide space for staff to rest and recharge – indoor lounge with outdoor patio
- Views of Nature
- Small Housing Units for Classification and Treatment

# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT



CENTRAL  
COURTYARD

## Design Clarity & Quality of Environment

- Compact- Simplified Circulation
- Organized Around Secure Internal Courtyard
- Residential Scaled- Single Level
- Inward Focused Views to Non-Inmate Landscaped Areas

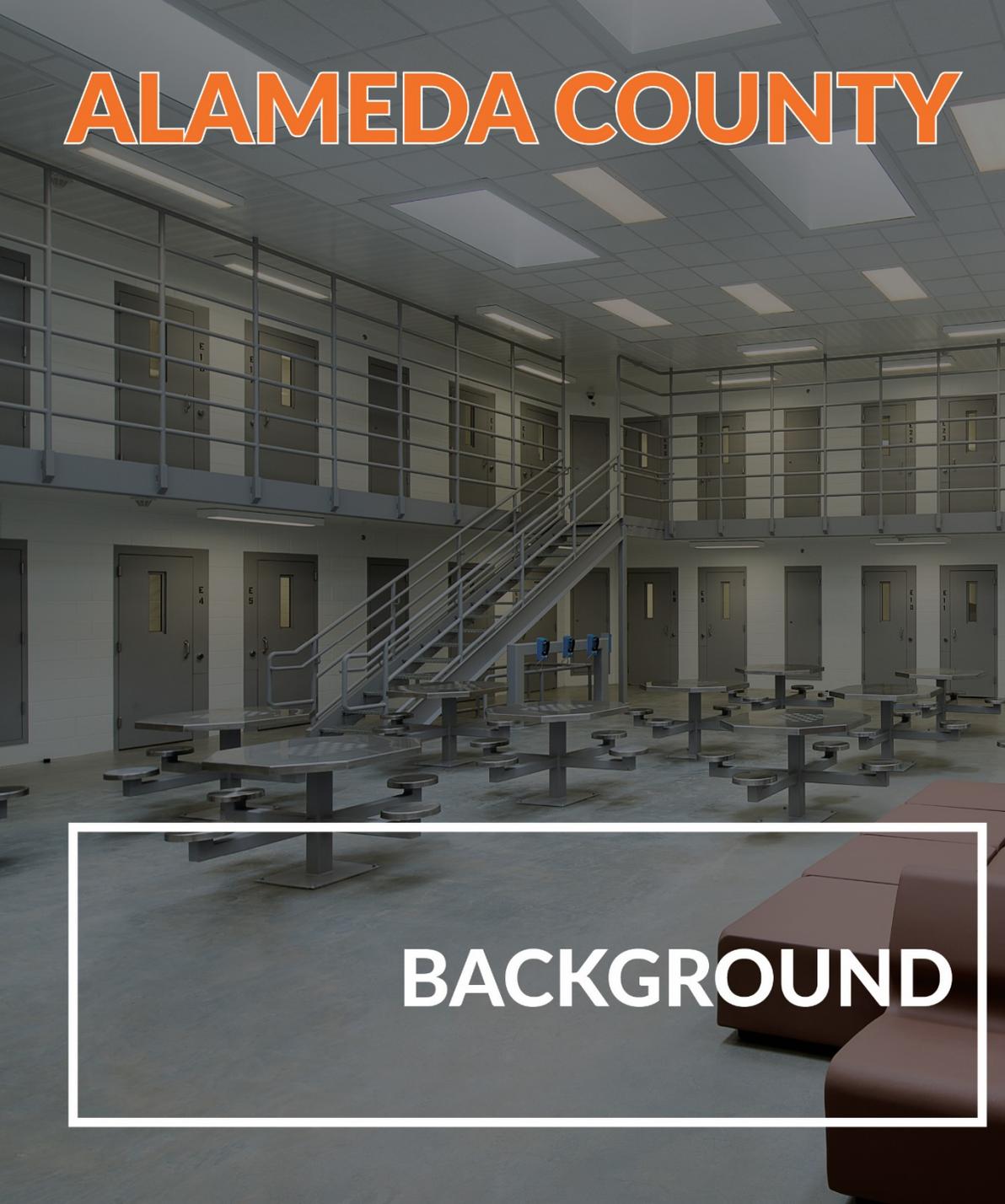
# SONOMA COUNTY BEHAVIORAL HEALTH HOUSING UNIT

Research & Evidence Based Practices Driven Design...

*Views of Nature  
even murals  
relieve stress  
... Wener et. al.*

RESEARCH & EVIDENCE  
BASED PRACTICES  
DRIVEN DESIGN

# ALAMEDA COUNTY

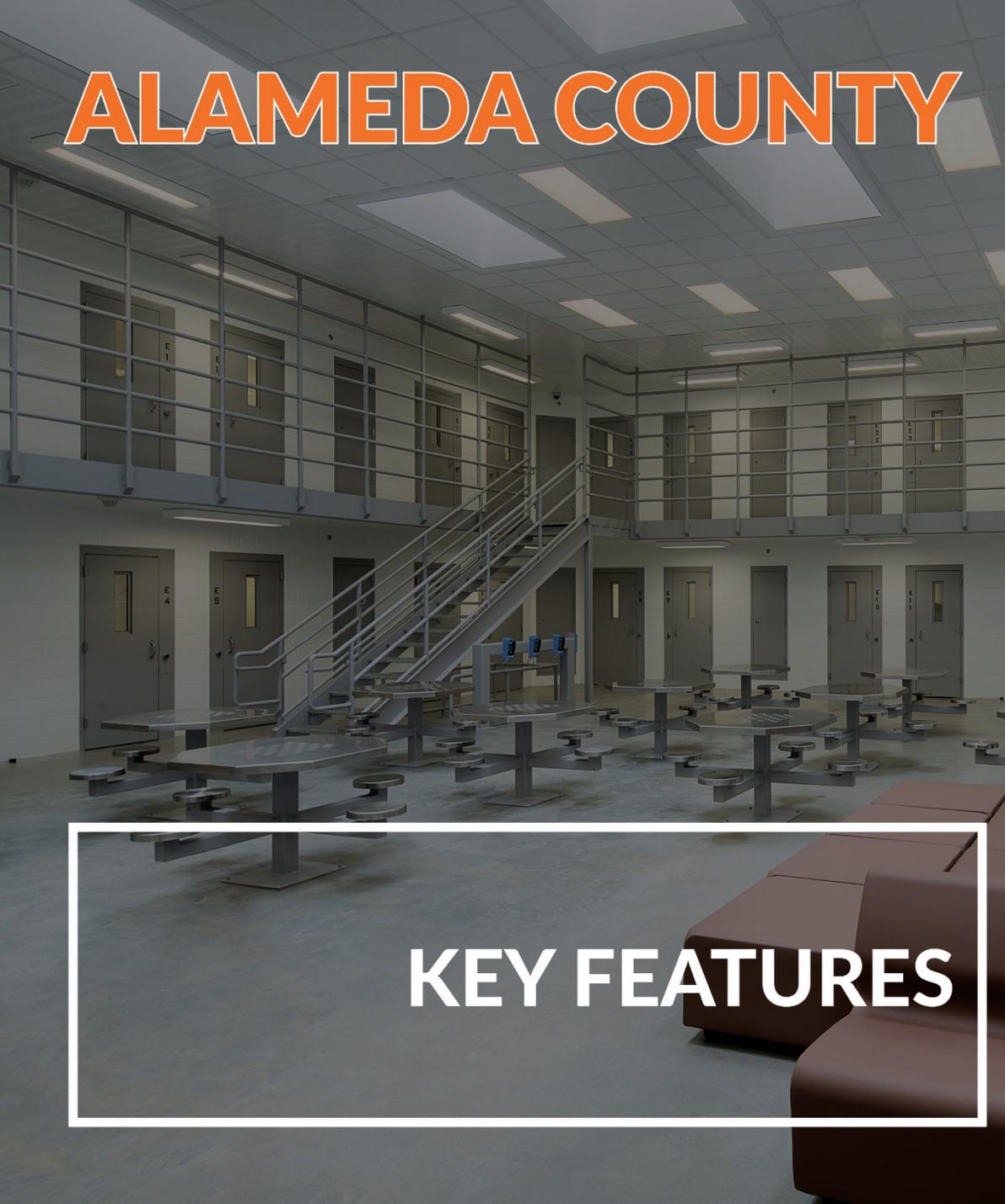
The image shows the interior of a jail facility. It features a mezzanine level with a metal railing, a central staircase, and several tables with benches arranged on the ground floor. The walls are light-colored, and there are many doors. The ceiling has recessed lighting.

## BACKGROUND

### Background

- Qualified for \$54 Million conditional award for the construction of a critically needed Health Program and Services Unit at its 750,000 sf Santa Rita Jail in Dublin, CA.
- 7th largest County by population, the Alameda County Sheriff's office is the largest provider of mental health services in the County.
- Proposed 38,000 infill building + renovation of two adjacent Housing Units will provide critically needed health care program and mental health services space for men and women for improved and safe service in the large 1983 existing jail.

# ALAMEDA COUNTY

The image shows a large, modern interior space, likely a health services unit. It features a mezzanine level with a metal railing, a central staircase, and several tables and chairs arranged in the lower level. The ceiling is a grid of recessed lighting. The walls are light-colored with several doors. The overall atmosphere is clean and professional.

## Key Features - Health Program and Services Unit Project Full Spectrum Health Services Scope

- Mental Health and Re-Entry Services
- OB/GYN Clinic
- Ophthalmology
- Dialysis
- Oral Surgery and Dental Services
- Administrative support space for County staff and CBO's
- Interview Rooms
- Classroom space

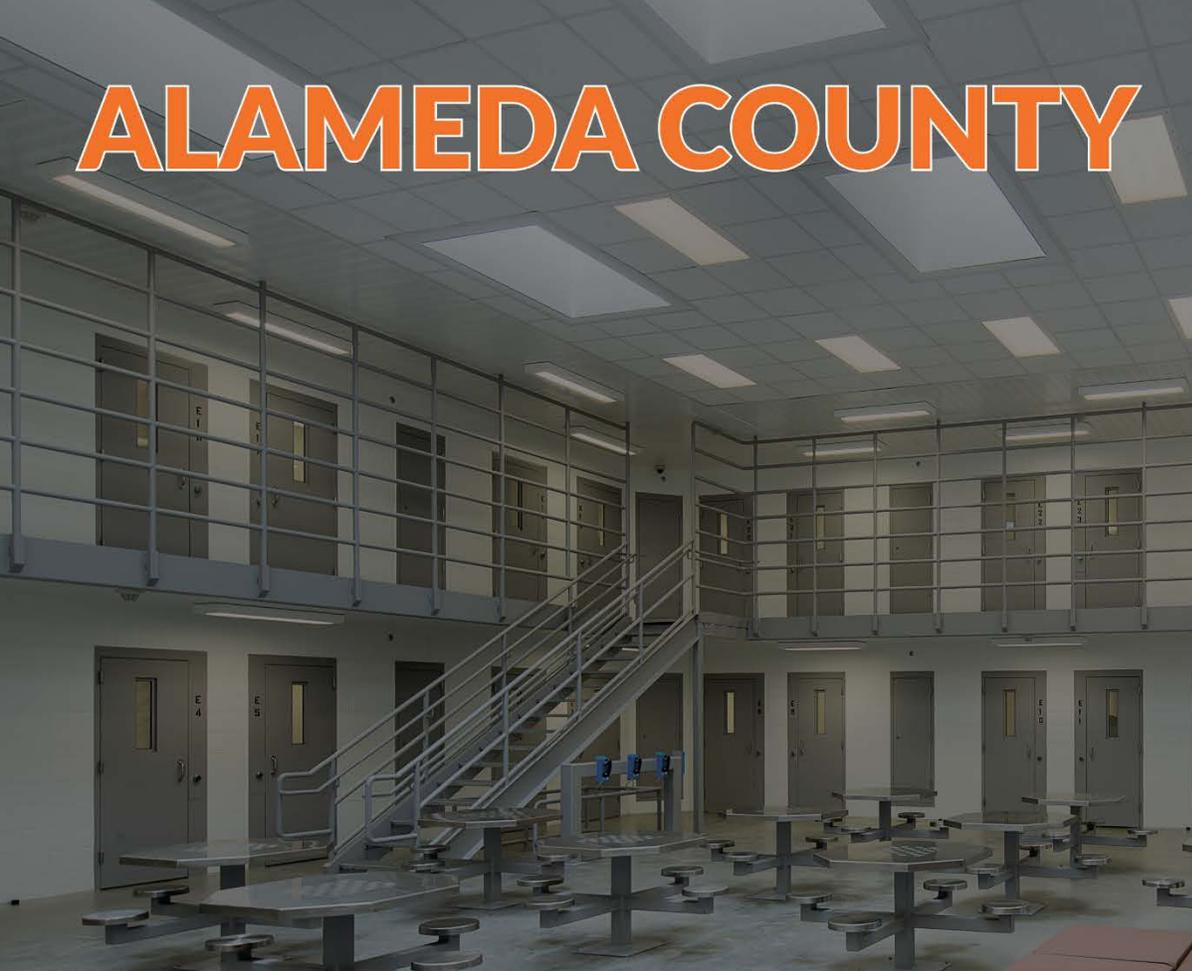
**KEY FEATURES**

# ALAMEDA COUNTY

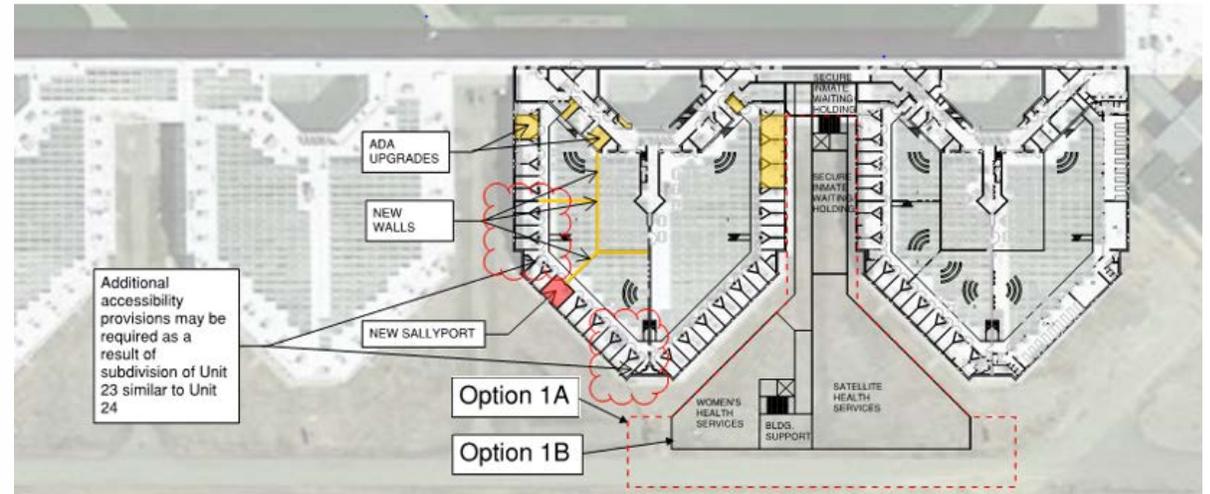
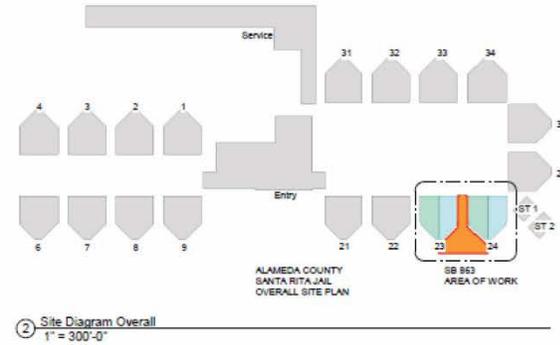


HEALTH PROGRAM SERVICES UNIT

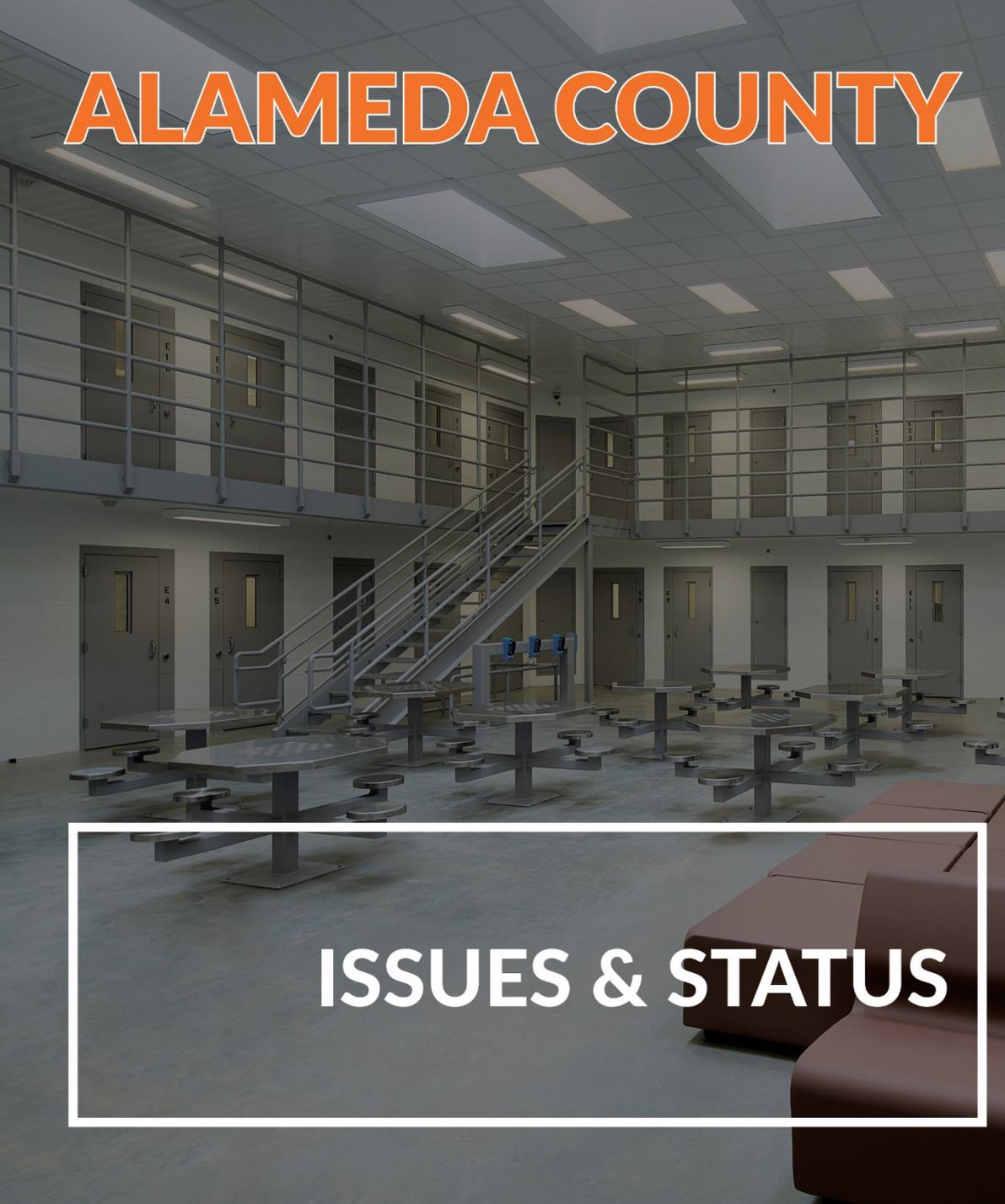
# ALAMEDA COUNTY



## HEALTH PROGRAM SERVICES UNIT



# ALAMEDA COUNTY



## ISSUES & STATUS

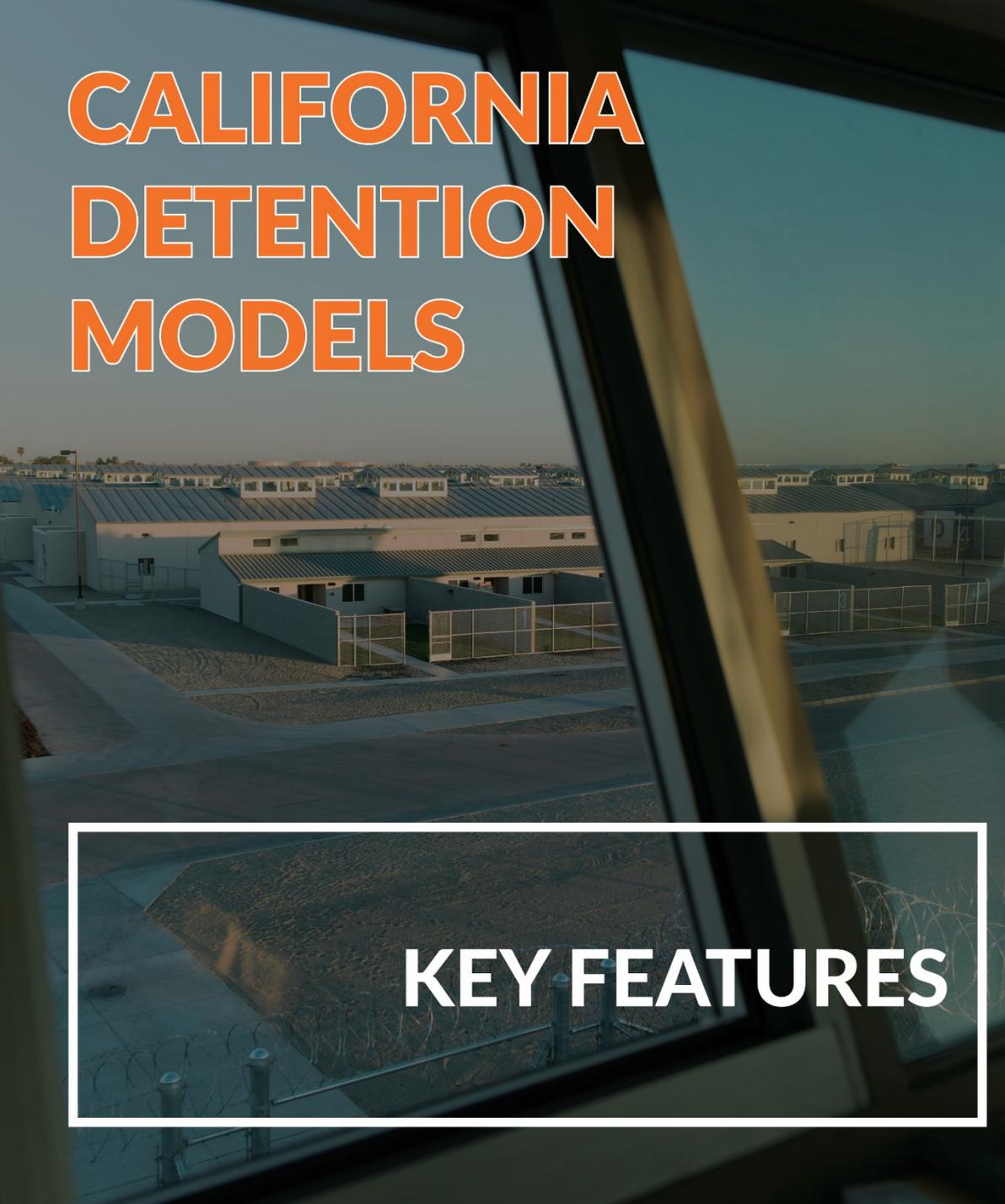
### Issues

- Project study assessed 1988 building cost of renovation, upgrade and new construction, logistics of project execution
- Functional and space requirements validated and programming completed

### Status

- Project bridging pending start in early 2019 with completion of State's first milestone approvals

# CALIFORNIA DETENTION MODELS

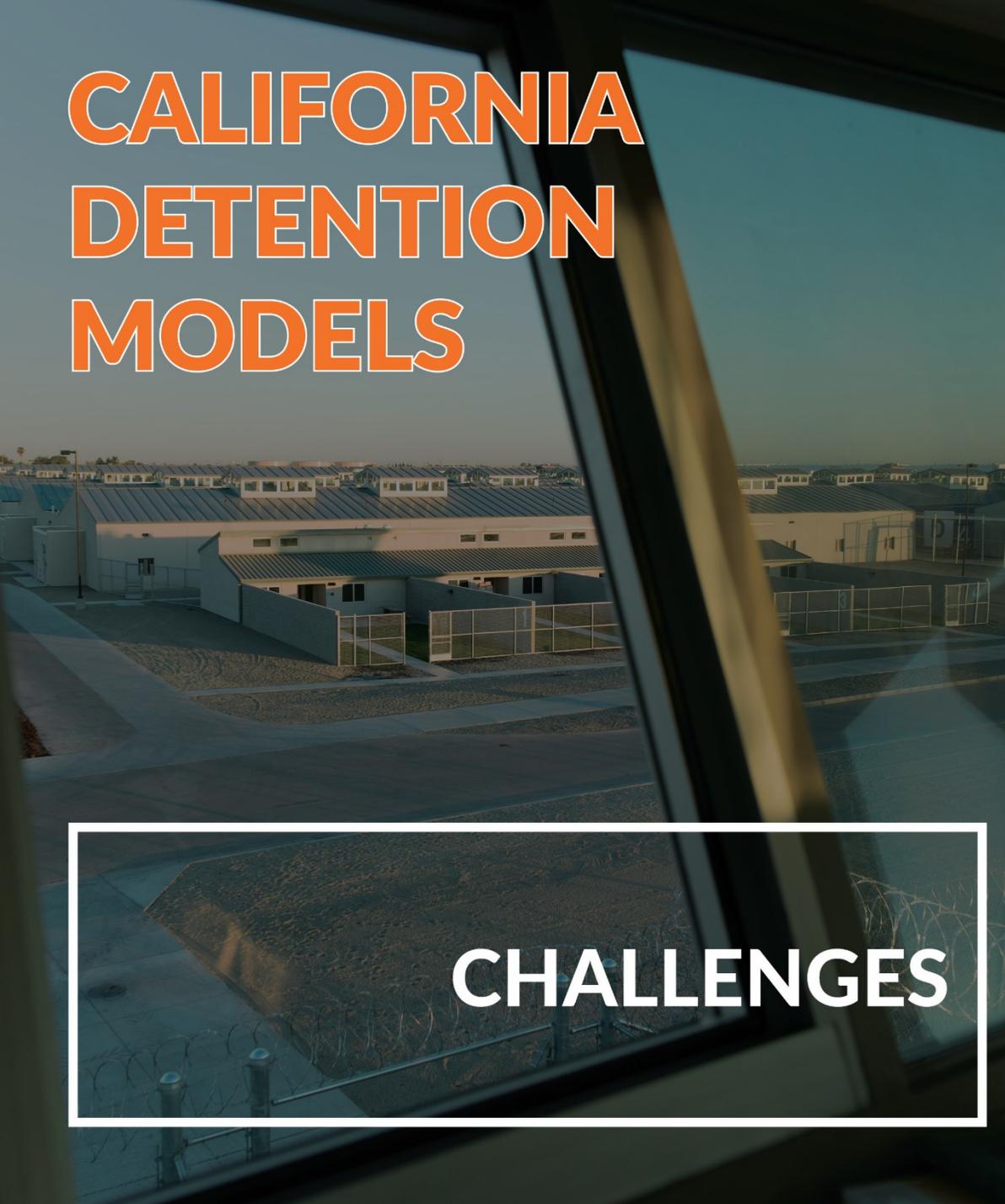


## KEY FEATURES

### Key Features

- Focus on improved or replaced facilities and associated rehabilitative programming
- Operating models based on ending long-term incarceration
- Mental health and related medical program units reflect modern hospital design approaches

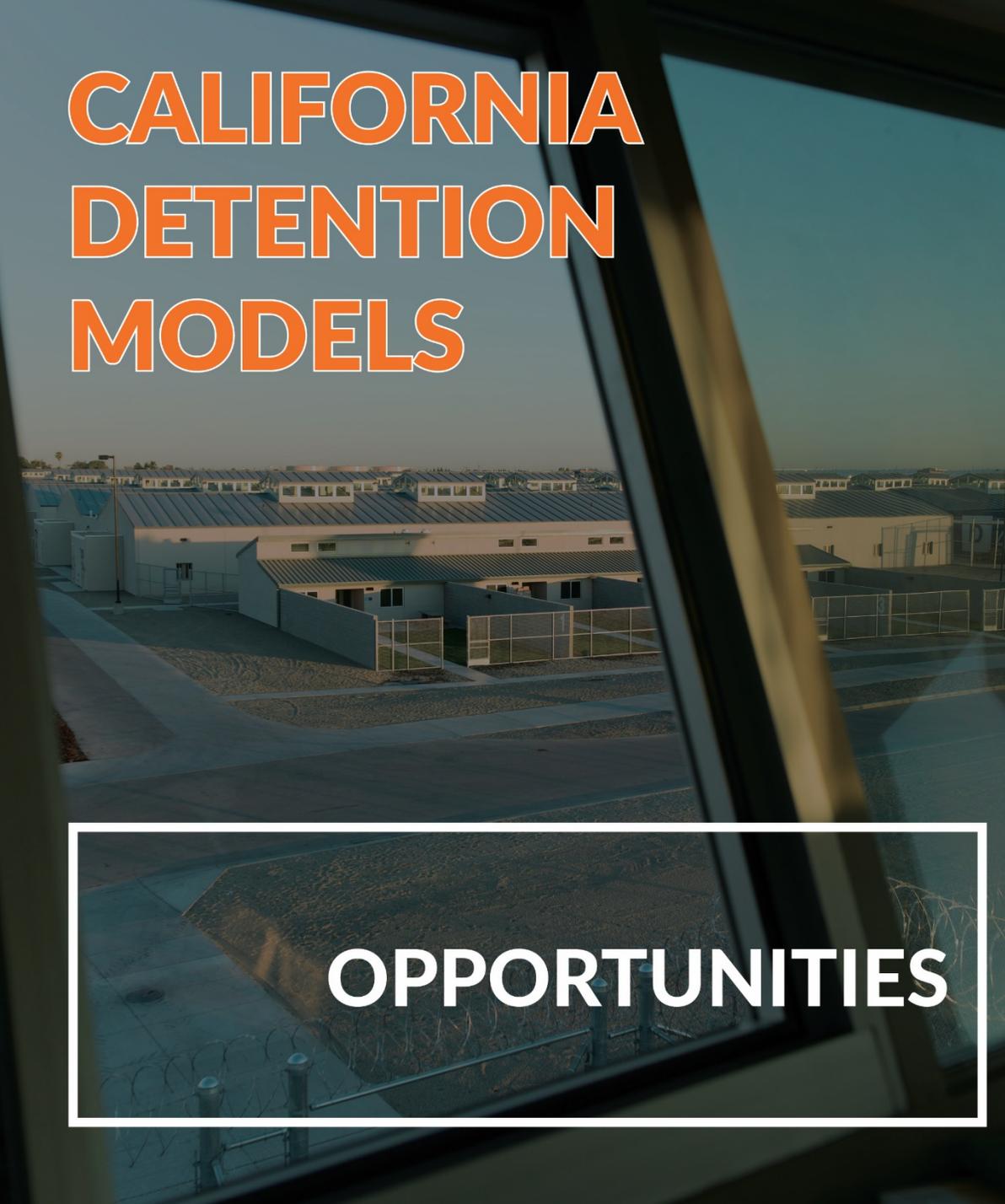
# CALIFORNIA DETENTION MODELS



## CHALLENGES

- Projects are slow to advance due to political and funding challenges and rigorous State requirements
- Physical plant and logistical issues must be considered in long-term detention architectural projects
- Costs of jail construction in California is extraordinary

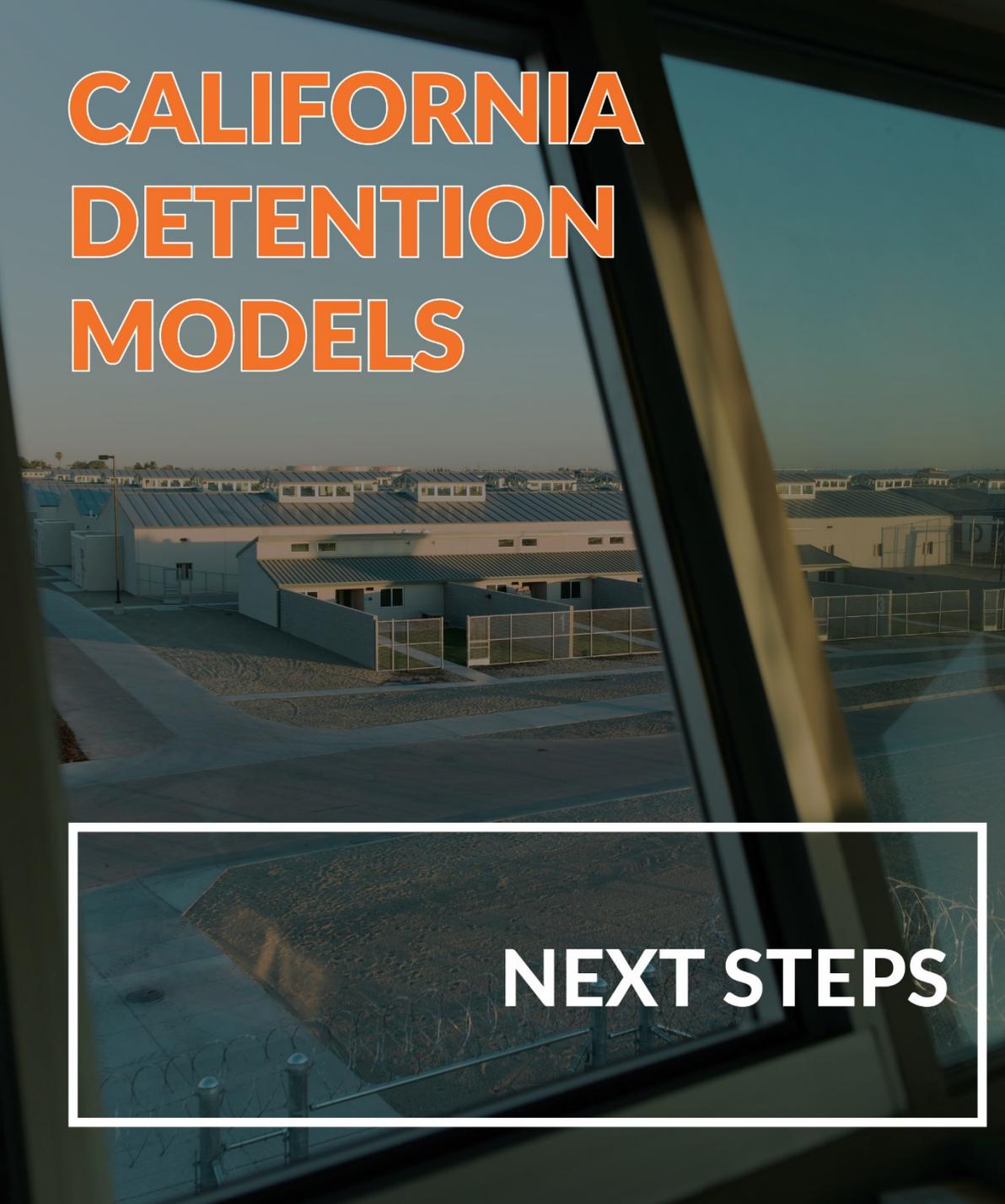
# CALIFORNIA DETENTION MODELS



**OPPORTUNITIES**

- Design solutions from medical design can be applied
- Use of performance specifications is applicable to detention projects when programs are well-developed

# CALIFORNIA DETENTION MODELS



## NEXT STEPS

- Projects will continue to advance to completion through 2022 and beyond
- Priorities may shift in both architectural solutions and program service models for detention as the individual projects are completed
- Cost assessment over a 10-year period may inform capital outlays affecting State resources or Counties' decisions to advance projects with or without State reimbursement



**QUESTIONS  
&  
ANSWERS**

A photograph of a modern waiting area. The room features a polished concrete floor and large glass windows that offer a view of an outdoor parking lot with several vehicles and a landscape with trees and hills under a cloudy sky. Rows of grey, perforated metal chairs are arranged in the space. The word "THANK YOU" is overlaid in large, bold, orange letters with a white outline across the center of the image.

**THANK YOU**