

Public Safety Complex / Advanced Manufacturing and Transportation Project

Project Team:

Architect: Lionakis

Project/Construction Manager: Critical Solutions, Inc.

Contractor: TBD

Schedule:

Programming: Complete

Schematic Design: Complete

Design Development: 02/2020

Construction Documents: 07/2020

DSA Submittal: 09/2020

Construction Start: TBD





Public Safety Complex / Advanced Manufacturing and Transportation Project

Project Description:

New facility to replace outdated facilities in Buildings 600A, 800 & 2200.

Programs included in Building 3400

- Administration of Justice
- •Fire Service Technology
- Emergency Medical Services

Programs included in Building 3400

- Auto Technology
- Advanced Manufacturing
- Welding Technology

Square Footage:

•Building A (Bldg 3400): 17,800sf

•Building B (Bldg 3500): 24,350sf

+ 21,800sf covered outdoor yard

Shared support for both programs include faculty offices, conference and student gathering spaces.



































LAS POSITAS





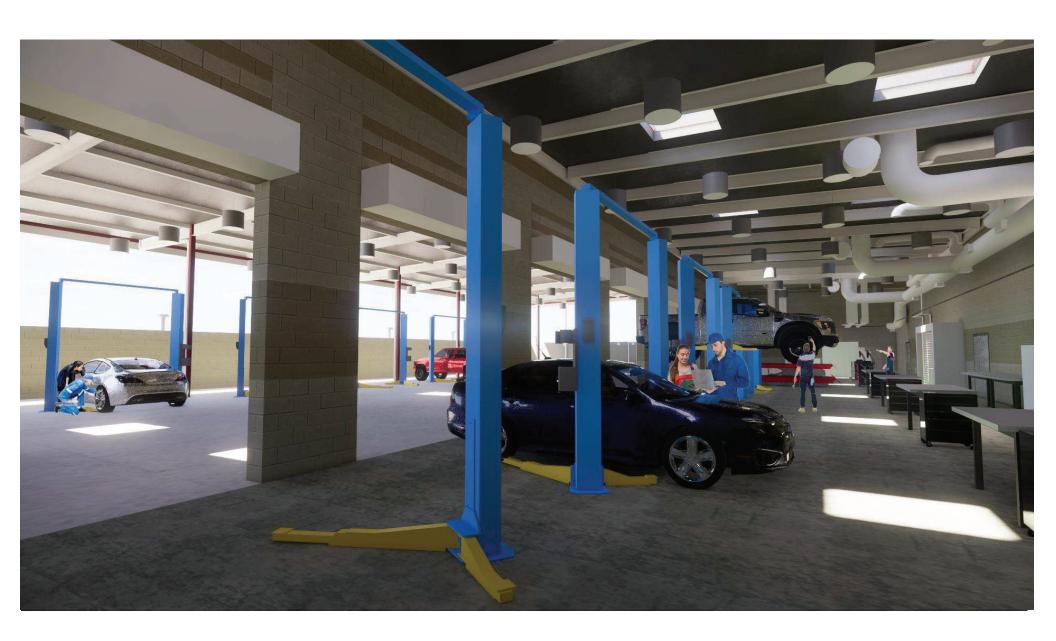




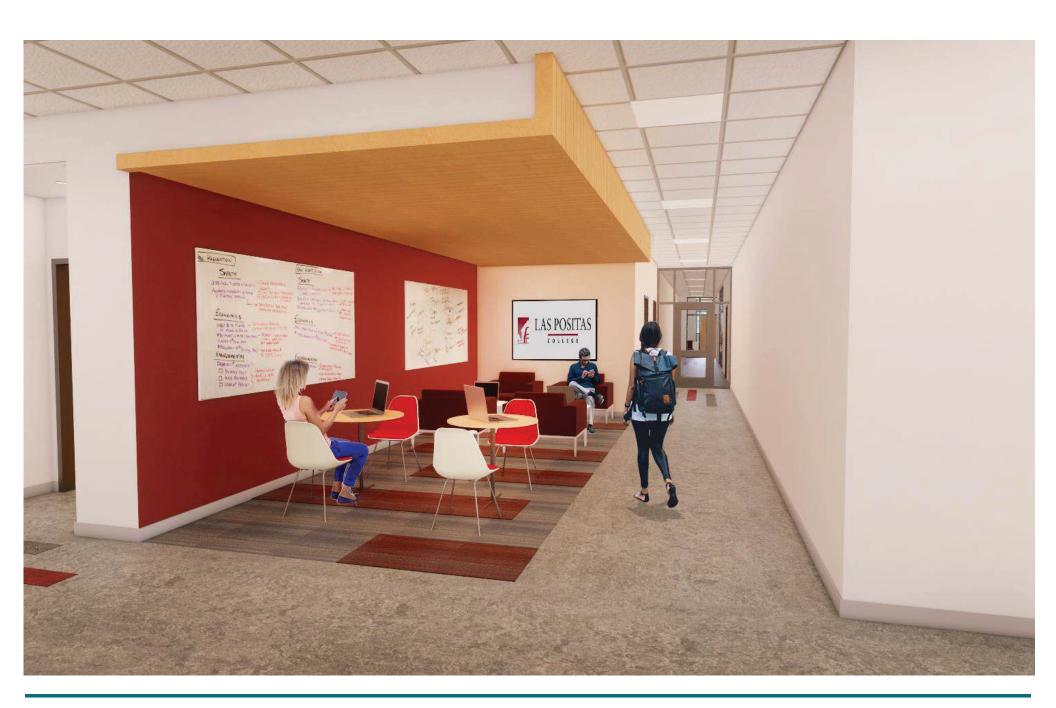






















A three-story fire training tower, the Deputy Chief offers four working deck levels. Similar to the Battalion Chief, the Deputy Chief resembles a residential building. However, this facility features a 30' tower, which is ideal for rappelling and laddering. Two burn rooms are standard on this model, one on the first floor and the other on the second floor.

TRAINING TOWER

Dimensions 12'L x 22'Wx 30'H

Roof Flat
Roof Live Load 100 PSF

Wind Load Per Local Codes

Deck Live Load 100 PSF

- > Parapet Roof Guard with Chained Opening
- > Interior Stair to 3rd Floor
- > Interior Fixed Ladder, 3rd Floor to Roof
- > (1) 3'x7' Exterior Steel Door
- > (1) 3'x4' Window Opening with Steel Shutters
- > (1) Roof Hatch

BURN ROOM ANNEX

 Dimensions
 14'L x 22'W x 10'H

 Roof
 1/2" in 12" Single Pitch

Roof Live Load 100 PSF

Wind Load Per Local Codes

- > (1) 3'x7' Exterior Steel Door
- > (3) 3'x4' Window Openings with Steel Shutters
- > (1) Westec™ Insulation System
- > (1) Scout Temperature Monitoring System

RESIDENTIAL SECTION

Dimensions 22'8"L x 22'W x 27'H

Roof Live Load 16° Gable 100 PSF

Wind Load Per Local Codes

Deck Live Load 100 PSF

- > Roof Ladder Fender Brackets
- > (1) 3'x7' Exterior Steel Door
- > (1) 6'x7' Exterior Double Leaf Steel Door
- > (1) 3'x7' Interior Steel Door
- > (8) 3'x4' Window Openings with Steel Shutters
- > (1) 6'x4' Window Opening with Steel Shutters
- > (2) 3'x3' Hinged Gable Louvers
- > (2) 4'x4' Roof Chop-Out Curbs
- > (2) Drywall Curbs
- > (1) 2nd Floor Burn Room
- > (1) Westec™ Insulation System
- > (1) Scout Temperature Monitoring System



