

# COACHELLA LIBRARY ANNEX RENOVATION

## CONCEPTUAL DESIGN

1538 7th St. COACHELLA, CA 92236



### SCOPE OF WORK:

Redesign and reconstruct the Coachella Library Annex building to expand programs and upgrade facilities. The new Annex will preserve some architectural features of the existing building while incorporating contemporary design elements, creating a modern landmark that serves as a distinguished hub for local urban social gatherings.

NUMBER	NAME
A-0.0	COVER SHEET
A-0.1	SITE PLAN
A-1.1	FLOOR PLAN
A-1.2	FLOOR PLAN
A-2.1	MODERN SPANISH STYLE - PERSPECTIVE
A-2.2	MODERN SPANISH STYLE - PERSPECTIVE
A-3.1	DESERT STYLE - PERSPECTIVE
A-3.2	DESERT STYLE - ALTERNATIVE PERSPECTIVE
A-3.3	DESERT STYLE - PERSPECTIVE
A-5.1	PROPOSED PROGRAM ELEMENTS
A-5.2	EXISTING BUILDING DEFICIENCIES

## COACHELLA LIBRARY ANNEX RENOVATION

A-0.0 | COVER SHEET

### PROJECT ADDRESS:

1538 7th St,  
Coachella, CA 92236

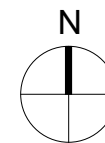
### PROJECT NUMBER:

23X047.00

### DATE:

2024-0815





## COACHELLA LIBRARY ANNEX RENOVATION PROJECT

The renovation project includes three distinct functional areas each designed to serve a different purpose.

- **Community room:** This expansive area serves as a versatile venue for art exhibitions, display of library books, and occasional performances.
- **Art classrooms and labs:** Open to the public, these rooms are dedicated to hosting art classes and creative sessions.
  - Art classrooms provide a ceramics studio, art makerspace for work with wood, fabrics, and canvas
  - Digital maker space with , 3D Printing, Laser cut, and robotics
  - Media lab
- **Service hub and circulation center:** Serving as the central connecting point of the project, this area facilitates essential amenities such as public restrooms, a food lab, seating and reading zones, and a checkout service.

Investigation of the existing structure revealed major deficiencies. For this reason, the building will be both rebuilt and expanded.

# COACHELLA LIBRARY ANNEX RENOVATION

A-0.1

SITE PLAN

**PROJECT ADDRESS:**

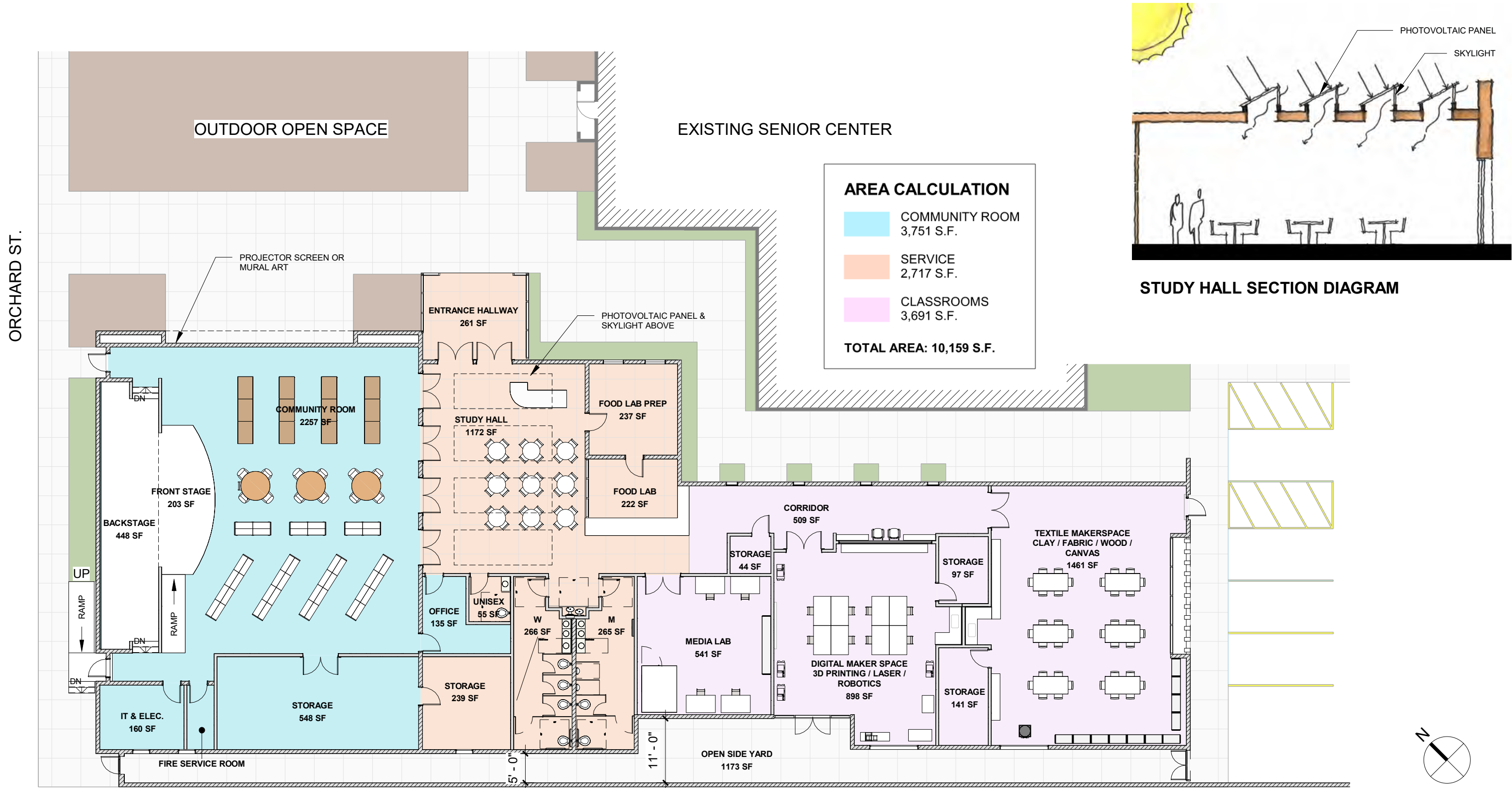
1538 7th St,  
Coachella, CA 92236

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# COACHELLA LIBRARY ANNEX RENOVATION

A-1.1

FLOOR PLAN

**PROJECT ADDRESS:**

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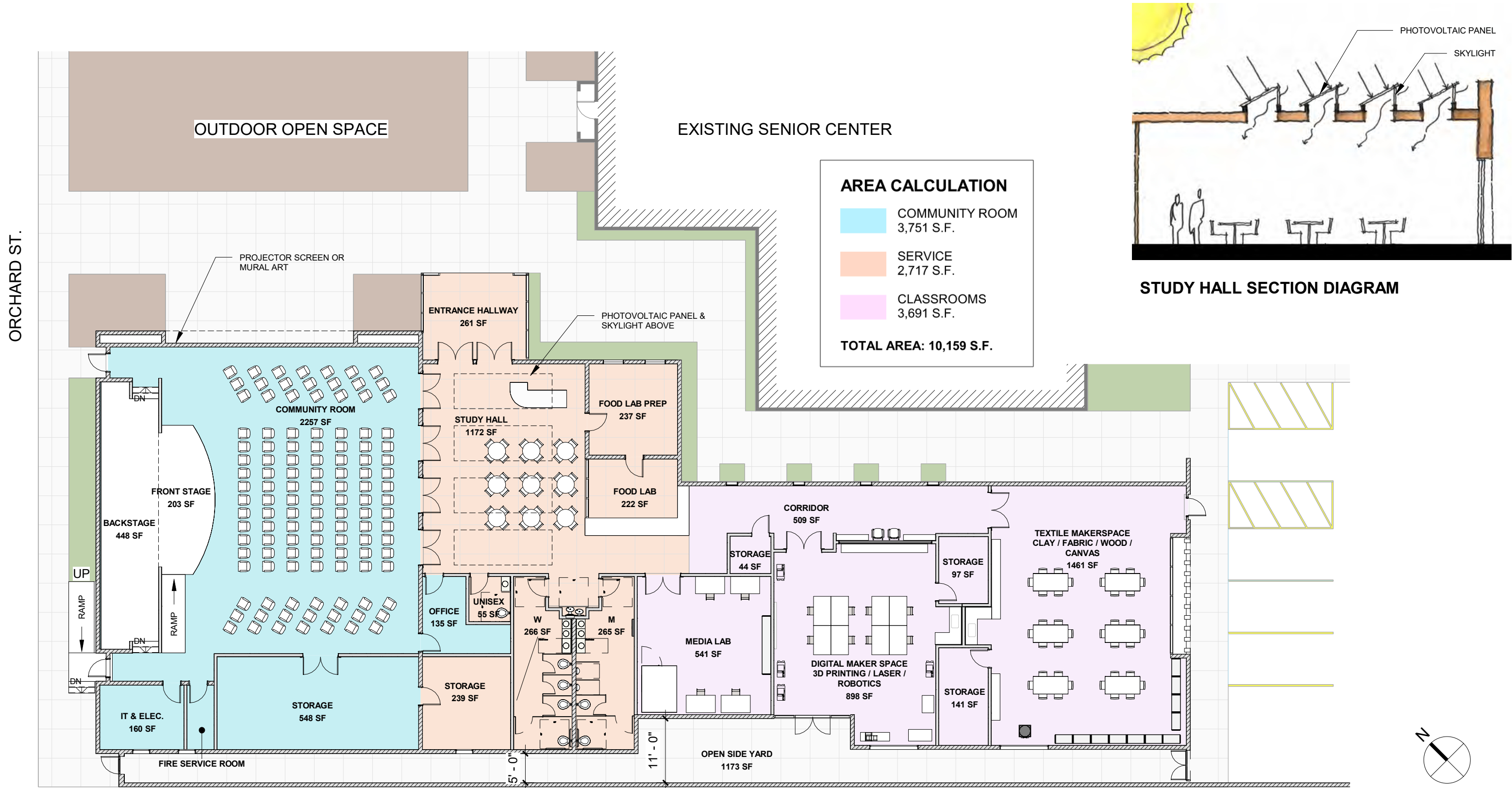
**PROJECT NUMBER:**

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**DATE:**

2024-0815

1/16" = 1'-0"



# COACHELLA LIBRARY ANNEX RENOVATION

## A-1.2 FLOOR PLAN

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**PROJECT NUMBER:**

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1/16" = 1'-0"

## MODERN SPANISH STYLE

- Streamline the current facade design by incorporating deep recessed openings and bold massing for a modernized aesthetic.
- The solid wall with a parapet on the front facade can serve as a projector screen for outdoor events or as a canvas for public artwork or murals. Either one will contribute enriching the visual landscape of the space.
- Integrate skylights strategically to infuse the study hall with natural illumination.



**NORTH PERSPECTIVE  
VIEW FROM 7TH ST.**

### LEGEND - MATERIALS

1	STUCCO WALL	5	ENTRANCE HALLWAY	9	WOOD AWNING	13	CLEARSTORY WINDOW
2	PROJECTOR SCREEN 32'X14'	6	RECESSED WINDOW	10	PROJECTOR SCREEN 32'X17'	14	ENTRANCE GATE
3	ROOF PARAPET	7	WOOD DOOR	11	TRANSLUCENT PANELS		
4	SPANISH TILE ROOF TO MATCH SENIOR CENTER BUILDING	8	SIDE YARD GATE	12	WOOD SCREEN ELEMENT		

# COACHELLA LIBRARY ANNEX RENOVATION

A-2.1

MODERN SPANISH STYLE - PERSPECTIVE

#### PROJECT ADDRESS:

1538 7th St,  
Coachella, CA 92236

#### PROJECT NUMBER:

23X047.00

#### DATE:

2024-0815

12" = 1'-0"



**WEST PERSPECTIVE VIEW  
FROM ORCHARD ST.**



**SOUTHWEST PERSPECTIVE  
VIEW FROM ORCHARD ST.**



**EAST PERSPECTIVE VIEW  
FROM PARKING LOT**

**LEGEND - MATERIALS**

- |   |                                                   |   |                  |    |                          |    |                   |
|---|---------------------------------------------------|---|------------------|----|--------------------------|----|-------------------|
| 1 | STUCCO WALL                                       | 5 | ENTRANCE HALLWAY | 9  | WOOD AWNING              | 13 | CLEARSTORY WINDOW |
| 2 | PROJECTOR SCREEN 32'X14'                          | 6 | RECESSED WINDOW  | 10 | PROJECTOR SCREEN 32'X17' | 14 | ENTRANCE GATE     |
| 3 | ROOF PARAPET                                      | 7 | WOOD DOOR        | 11 | TRANSLUCENT PANELS       |    |                   |
| 4 | SPANISH TILE ROOF TO MATCH SENIOR CENTER BUILDING | 8 | SIDE YARD GATE   | 12 | WOOD SCREEN ELEMENT      |    |                   |

**COACHELLA LIBRARY ANNEX RENOVATION**

A-2.2

**MODERN SPANISH STYLE - PERSPECTIVE**

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12" = 1'-0"



## DESERT STYLE

- The translucent entrance hallway introduces a sense of lightness and modern design to the existing site, offering natural illumination to the study hall.
- The community room showcases a contemporary style through its simple massing, flat roof, high ceiling, and solid walls, optimizing both desert architectural aesthetics and construction efficiency within budget constraints.
- The earthy tone stucco finish demonstrates consistency and respect to the vernacular desert style, creating a harmonious integration with the surrounding environment.
- The projector screen serves as a focal point for activities and entertainment, injecting excitement and cutting-edge technology into the project.



REFERENCE IMAGE OF  
OUTDOOR MOVIE



NORTH PERSPECTIVE VIEW  
FROM 7TH ST.

### LEGEND - MATERIALS

1	STUCCO WALL	5	ENTRANCE HALLWAY	9	WOOD AWNING	13	CLEARSTORY WINDOW
2	PROJECTOR SCREEN 32'X14'	6	RECESSED WINDOW	10	PROJECTOR SCREEN 32'X17'	14	ENTRANCE GATE
3	ROOF PARAPET	7	WOOD DOOR	11	TRANSLUCENT PANELS		
4	SPANISH TILE ROOF TO MATCH SENIOR CENTER BUILDING	8	SIDE YARD GATE	12	WOOD SCREEN ELEMENT		

# COACHELLA LIBRARY ANNEX RENOVATION

A-3.1

DESERT STYLE - PERSPECTIVE

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**DATE:**

2024-0815

12" = 1'-0"



**NORTH PERSPECTIVE VIEW  
FROM 7TH ST.**

**LEGEND - MATERIALS**

- |   |                                                   |   |                  |    |                          |    |                   |
|---|---------------------------------------------------|---|------------------|----|--------------------------|----|-------------------|
| 1 | STUCCO WALL                                       | 5 | ENTRANCE HALLWAY | 9  | WOOD AWNING              | 13 | CLEARSTORY WINDOW |
| 2 | PROJECTOR SCREEN 32'X14'                          | 6 | RECESSED WINDOW  | 10 | PROJECTOR SCREEN 32'X17' | 14 | ENTRANCE GATE     |
| 3 | ROOF PARAPET                                      | 7 | WOOD DOOR        | 11 | TRANSLUCENT PANELS       |    |                   |
| 4 | SPANISH TILE ROOF TO MATCH SENIOR CENTER BUILDING | 8 | SIDE YARD GATE   | 12 | WOOD SCREEN ELEMENT      |    |                   |

**COACHELLA LIBRARY ANNEX RENOVATION**

A-3.2

**DESERT STYLE - ALTERNATIVE PERSPECTIVE**

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12" = 1'-0"







12 1

**WEST PERSPECTIVE VIEW  
FROM ORCHARD ST.**



1 1

8

**SOUTHWEST PERSPECTIVE  
VIEW FROM ORCHARD ST.**



8

6

1

12

**EAST PERSPECTIVE VIEW  
FROM PARKING LOT**

**LEGEND - MATERIALS**

- |   |                                                   |   |                  |    |                          |    |                   |
|---|---------------------------------------------------|---|------------------|----|--------------------------|----|-------------------|
| 1 | STUCCO WALL                                       | 5 | ENTRANCE HALLWAY | 9  | WOOD AWNING              | 13 | CLEARSTORY WINDOW |
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**COACHELLA LIBRARY ANNEX RENOVATION**

A-3.3

**DESERT STYLE - PERSPECTIVE**

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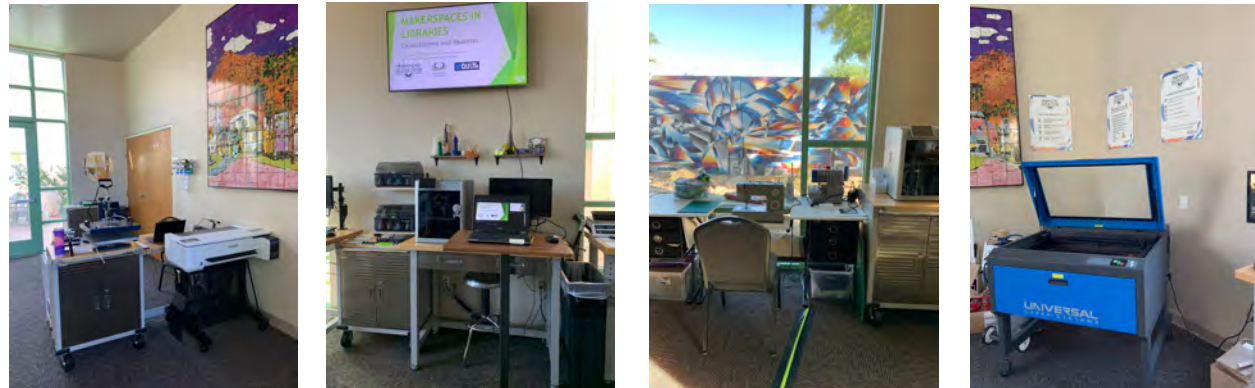
12" = 1'-0"



# REFERENCE IMAGERY

TOURED OTHER LIBRARIES TO INFORM THE DECISIONS MADE FOR COMMUNITY OFFERING IN COACHELLA LIBRARY

- **Maker's Space**



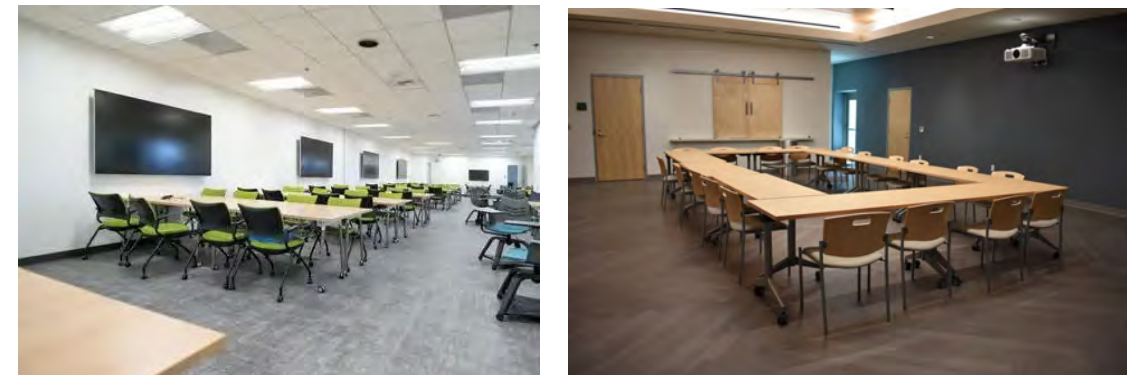
- **Media Lab & Recording Room**



- **Ceramic Studio & Textile Maker Space**



- **Study Hall & Community Room**



## COACHELLA LIBRARY ANNEX RENOVATION

A-5.1

PROPOSED PROGRAM ELEMENTS

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# DEFICIENCIES FOUND IN EXISTING BUILDING:

## Tile Roof



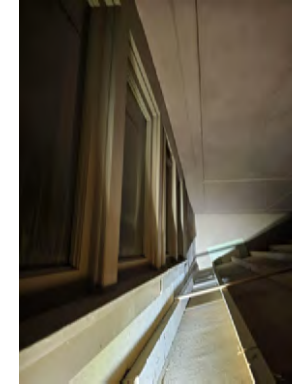
Roof trusses have no positive connections required by code



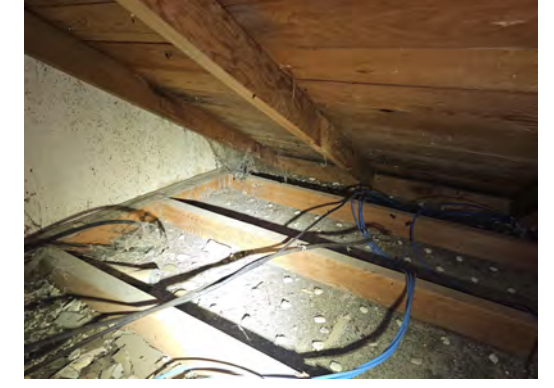
No as-built drawings & data for building structural elements between diagonals and chord



No positive connections of the post supporting the roof beams



Hidden clerestory windows lack of shear transfer between roof diaphragm and shear walls below



No shear transfer between the roof/ceiling diaphragm and shear walls

## Main Facade



No reinforcement in clay/masonry walls

