

COACHELLA LIBRARY ANNEX RENOVATION

CONCEPTUAL DESIGN

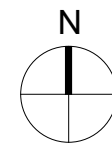
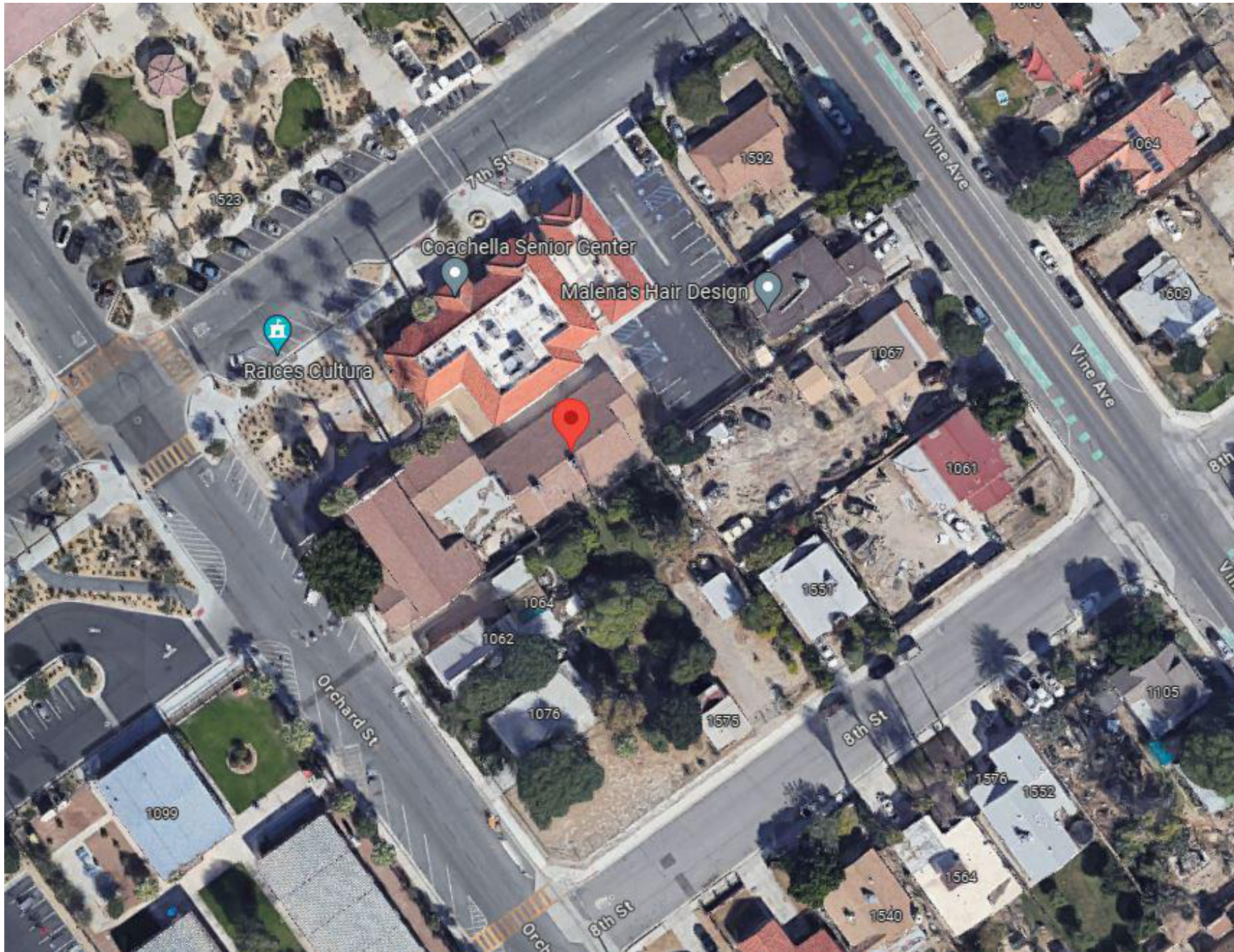
1538 7th St. COACHELLA, CA 92236



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-3.1	PERSPECTIVE VIEW - FRONT
A-3.1.1	PERSPECTIVE VIEW - FRONT
A-3.2	PERSPECTIVE VIEW - EAST
A-3.2.1	PERSPECTIVE VIEW - EAST
A-3.3	PERSPECTIVE VIEW - SOUTHWEST
A-3.3.1	PERSPECTIVE VIEW - SOUTHWEST
A-3.4	PERSPECTIVE VIEW - NORTHWEST
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A-5.1	PROPOSED PROGRAM ELEMENTS
A-5.2	EXISTING BUILDING DEFICIENCIES



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:

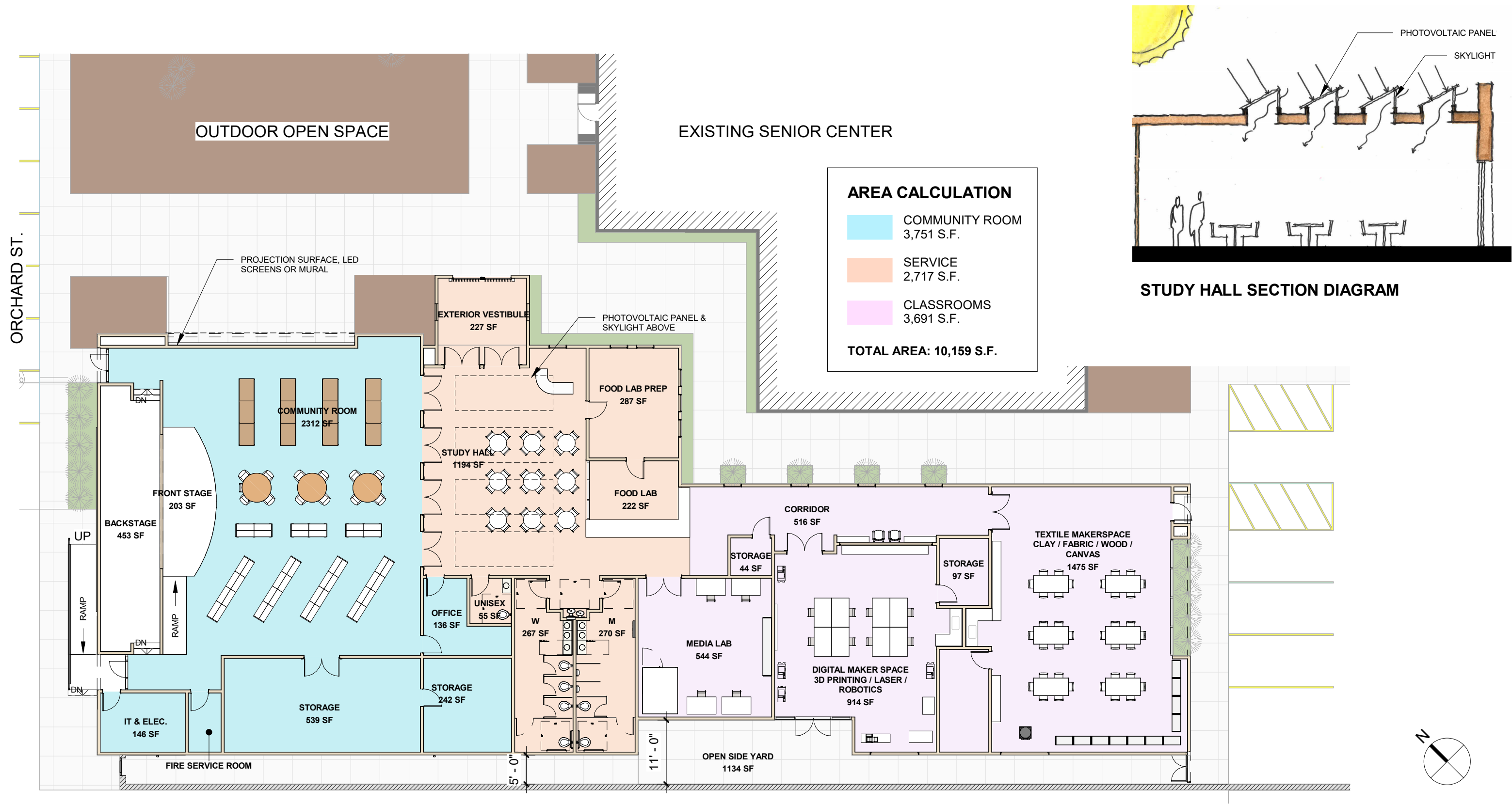
1538 7th St,
Coachella, CA 92236

PROJECT NUMBER:

23X047.00

DATE:

Dec.4th, 2024



COACHELLA LIBRARY ANNEX RENOVATION

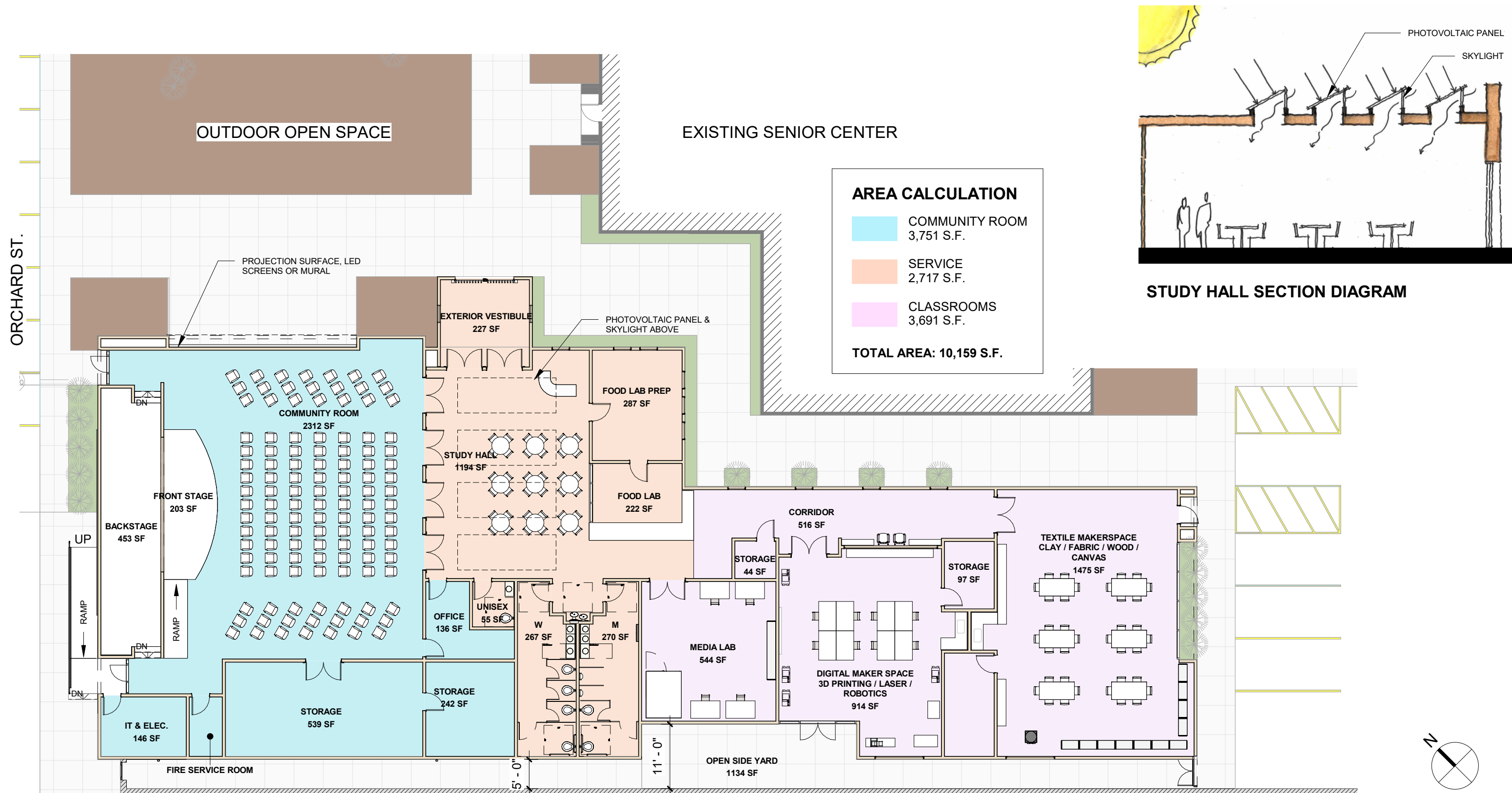
A-1.1 FLOOR PLAN

PROJECT ADDRESS: 1538 7th St,
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1/16" = 1'-0"



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A-1.1 FLOOR PLAN

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1/16" = 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	METAL AWNING	13	CLEARSTORY WINDOW
2	RECESSED DOOR	6	RECESSED WINDOW	10	PROJECTION SURFACE, LED SCREENS OR MURAL 32'X17'	14	ENTRANCE GATE
3	ROOF PARAPET	7	WOOD DOOR	11	SHRUB		
4	CMU WALL	8	SIDE YARD GATE	12	MURAL		

COACHELLA LIBRARY ANNEX RENOVATION

A-3.1

PERSPECTIVE VIEW - FRONT

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12" = 1'-0"



1 Peters Canyon Road, Suite 130, Irvine, CA 92606
t: 949.387.8500, f: 949.387.0800



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

COACHELLA LIBRARY ANNEX RENOVATION

A-3.1.1 | PERSPECTIVE VIEW - FRONT

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**EAST PERSPECTIVE VIEW
FROM PARKING LOT**

LEGEND - MATERIALS

1	STUCCO WALL	5	ENTRANCE HALLWAY	9	METAL AWNING	13	CLEARSTORY WINDOW
2	RECESSED DOOR	6	RECESSED WINDOW	10	PROJECTION SURFACE, LED SCREENS OR MURAL 32'X17'	14	ENTRANCE GATE
3	ROOF PARAPET	7	WOOD DOOR	11	SHRUB		
4	CMU WALL	8	SIDE YARD GATE	12	MURAL		

COACHELLA LIBRARY ANNEX RENOVATION

A-3.2

PERSPECTIVE VIEW - EAST

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12" = 1'-0"



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EAST PERSPECTIVE VIEW FROM PARKING LOT
NIGHT TIME

COACHELLA LIBRARY ANNEX RENOVATION

A-3.2.1 | PERSPECTIVE VIEW - EAST

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SOUTHWEST PERSPECTIVE VIEW
FROM ORCHARD ST.

LEGEND - MATERIALS

1	STUCCO WALL	5	ENTRANCE HALLWAY	9	METAL AWNING	13	CLEARSTORY WINDOW
2	RECESSED DOOR	6	RECESSED WINDOW	10	PROJECTION SURFACE, LED SCREENS OR MURAL 32'X17'	14	ENTRANCE GATE
3	ROOF PARAPET	7	WOOD DOOR	11	SHRUB		
4	CMU WALL	8	SIDE YARD GATE	12	MURAL		

COACHELLA LIBRARY ANNEX RENOVATION

A-3.3 PERSPECTIVE VIEW - SOUTHWEST

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12" = 1'-0"



SOUTHWEST PERSPECTIVE VIEW FROM ORCHARD ST.
NIGHT TIME

COACHELLA LIBRARY ANNEX RENOVATION

A-3.3.1 | PERSPECTIVE VIEW - SOUTHWEST

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**NORTHWEST PERSPECTIVE VIEW
FROM ORCHARD ST.**

LEGEND - MATERIALS

1	STUCCO WALL	5	ENTRANCE HALLWAY	9	METAL AWNING	13	CLEARSTORY WINDOW
2	RECESSED DOOR	6	RECESSED WINDOW	10	PROJECTION SURFACE, LED SCREENS OR MURAL 32'X17'	14	ENTRANCE GATE
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4	CMU WALL	8	SIDE YARD GATE	12	MURAL		

COACHELLA LIBRARY ANNEX RENOVATION

A-3.4

PERSPECTIVE VIEW - NORTHWEST

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12" = 1'-0"



NORTHWEST PERSPECTIVE VIEW FROM ORCHARD ST.
NIGHT TIME

COACHELLA LIBRARY ANNEX RENOVATION

A-3.4.1 | PERSPECTIVE VIEW - NORTHWEST

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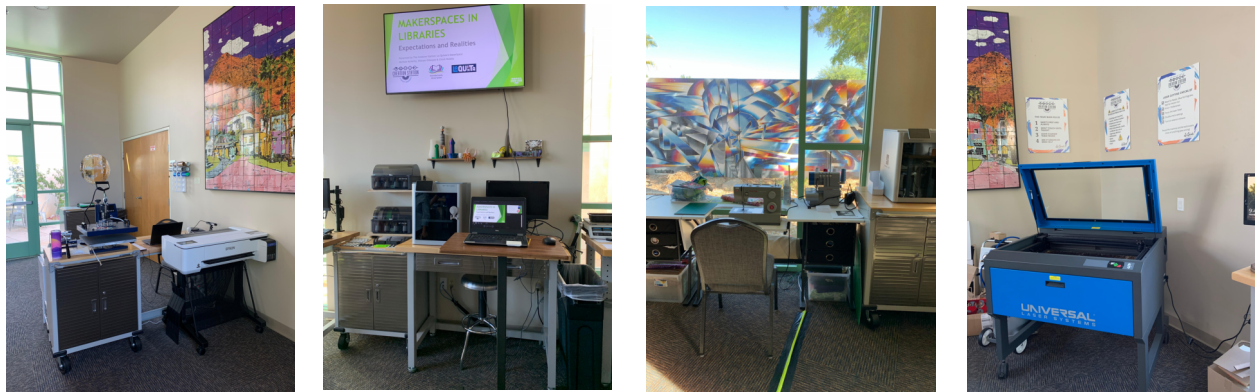
DATE:

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REFERENCE IMAGERY

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

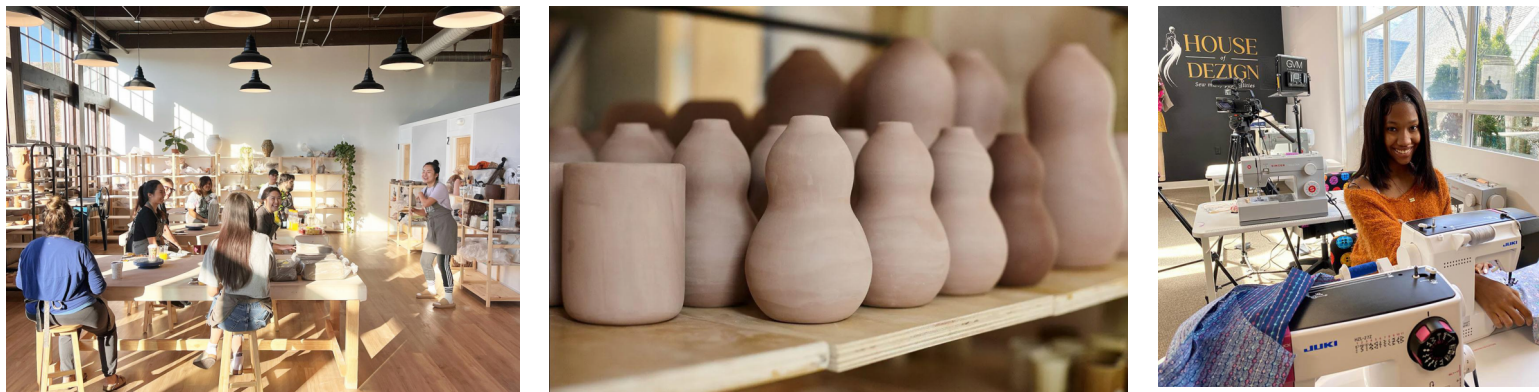
- **Maker's Space**



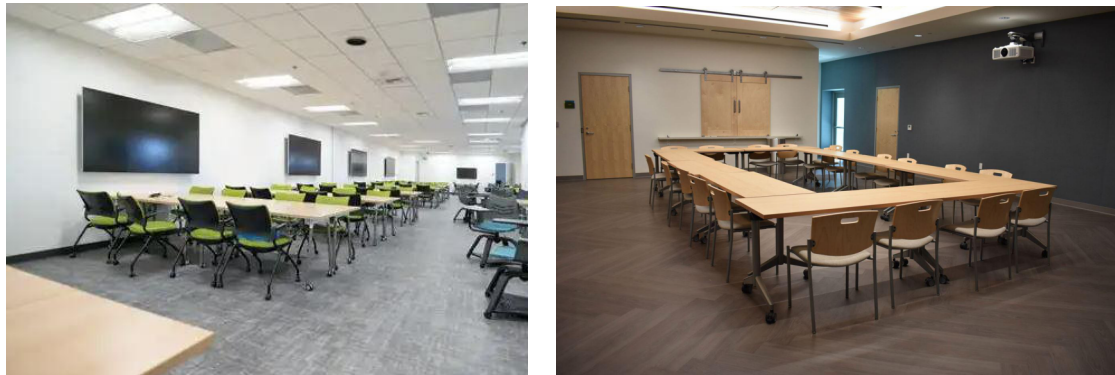
- **Media Lab & Recording Room**



- **Ceramic Studio & Textile Maker Space**



- **Study Hall & Community Room**



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IDS GROUP
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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



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A-5.2

EXISTING BUILDING DEFICIENCIES

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