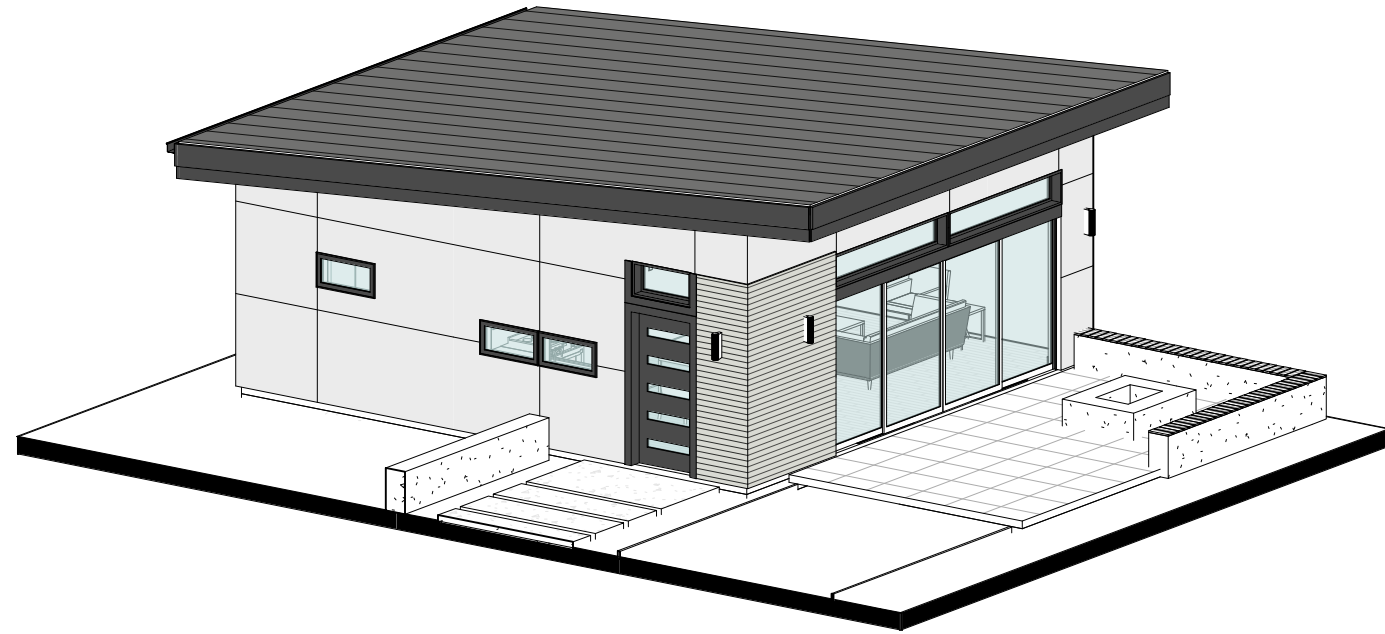


# THE PINE SHED

SCHEMATIC DESIGN PLAN SET  
FOR CONCEPTUAL REVIEW ONLY -  
NOT FOR CONSTRUCTION



## DRAWING INDEX

A0	COVER SHEET
A1	FLOOR PLAN
A2	EXTERIOR ELEVATIONS
A3	CONCEPT RENDERINGS
A4	ALTERNATIVE FINISHES

## PROJECT SCOPE

NEW 1 BEDROOM, 1 BATHROOM ACCESSORY DWELLING UNIT OR STAND-ALONE CABIN, GUESTHOUSE, OR RESIDENCE

NEW CONDITIONED FLOOR AREA: 650 SF

*THE PINE SHED OFFERS A PERFECT BLEND OF AIR, SPACE AND LIGHT WITH ALL THE AMENITIES AND FEATURES YOU'D NEED IN AN ADU ALL WITHIN A COMPACT FOOTPRINT. THE EXCEPTIONAL MODERN DESIGN WILL ENHANCE THE AESTHETIC APPEAL ON YOUR LOT AND CAN BE LOCATED IN A RELATIVELY SMALL SPACE. THE SHED ROOF CONSTRUCTION AND SLIDING GLASS DOORS CREATE A SPACIOUS INTERIOR AND VAULTING CEILINGS WHILE BLURRING THE LINE BETWEEN INDOOR AND OUTDOOR LIVING SPACE. WITH MULTIPLE EXTERIOR FINISH OPTIONS, THE PINE SHED CAN TURN ANY BACKYARD SPACE INTO AN UPSCALE AND COMFORTABLE LIVING ENVIRONMENT.*

## DESIGN CRITERIA

### DESIGN CRITERIA:

### CODES AND STANDARDS:

2022 CALIFORNIA RESIDENTIAL BUILDING CODE (CRC), BASED ON THE 2021 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE (2021 IRC), ASCE 7-16 AND THE 2018 EDITION OF THE NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION.

2022 CALIFORNIA PLUMBING CODE (CPC)  
2022 CALIFORNIA ELECTRICAL CODE (CEC)  
2022 CALIFORNIA MECHANICAL CODE (CMC)  
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC)  
2022 CALIFORNIA FIRE CODE (CFC)  
2022 CALIFORNIA ENERGY CODE (CEC)

### OCCUPANCY:

SINGLE FAMILY RESIDENCE - R-3

### TYPE OF CONSTRUCTION:

VB

### WILDLAND URBAN INTERFACE:

YES

### STORIES:

ONE

### DESIGN DATA:

#### OPTION 1:

ROOF SNOW LOAD = 50 PSF  
ROOF DEAD LOAD = 20 PSF  
EXTERIOR WALL DEAD LOAD = 8-15 PSF

#### OPTION 2:

ROOF SNOW LOAD = 70 PSF  
ROOF DEAD LOAD = 20 PSF  
EXTERIOR WALL DEAD LOAD = 8-15 PSF

2. SEISMIC DESIGN CATEGORY - D2

3. WIND SPEED - 95 MPH EXPOSURE "C"

4. SOILS: ALLOWABLE SOIL BEARING PRESSURE = 1,500 PSF

## SEPARATE PERMITS

1. FIRE SPRINKLERS.

### COPYRIGHT 2023

RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.

### STIPULATION FOR REUSE

THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.

NOT FOR CONSTRUCTION



1405 MARKET STREET  
REDDING, CA 96001  
P: 530.653.0777  
W: RADSTUDIO.DESIGN



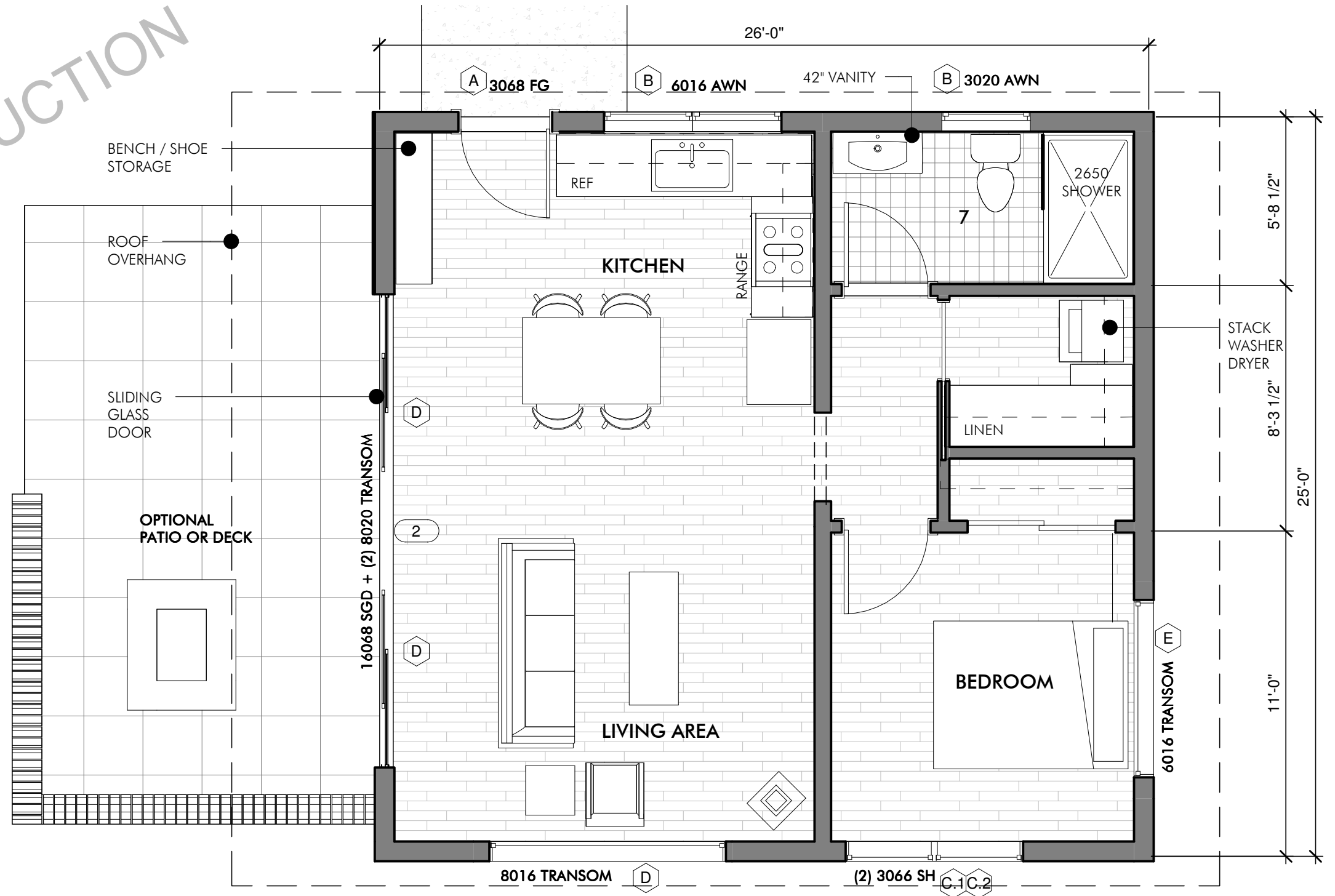
THE PINE SHED 650

COVER SHEET

SCALE: 1/8" = 1'-0"  
DATE:  
COPYRIGHT: RAD STUDIO 2023

A0

NOT FOR CONSTRUCTION



**COPYRIGHT 2023**  
 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.

**STIPULATION FOR REUSE**  
 THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.

① FLOOR PLAN  
 1/4" = 1'-0"

ADU 650 SUMMARY:

CONDITIONED SPACE: 650 SF  
 BEDROOMS: 1  
 BATHROOMS: 1



1405 MARKET STREET  
 REDDING, CA 96001  
 P: 530.653.0777  
 W: RADSTUDIO.DESIGN

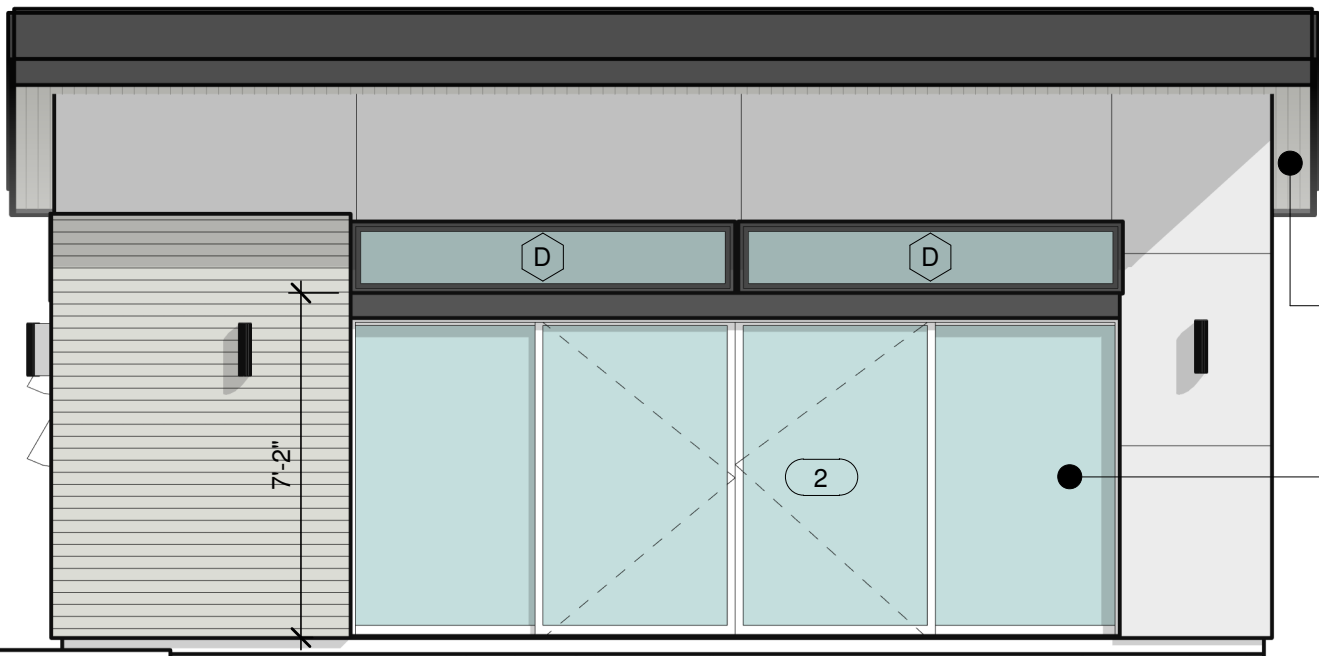


THE PINE SHED 650

FLOOR PLAN

SCALE: 1/4" = 1'-0"  
 DATE:  
 COPYRIGHT: RAD STUDIO 2023

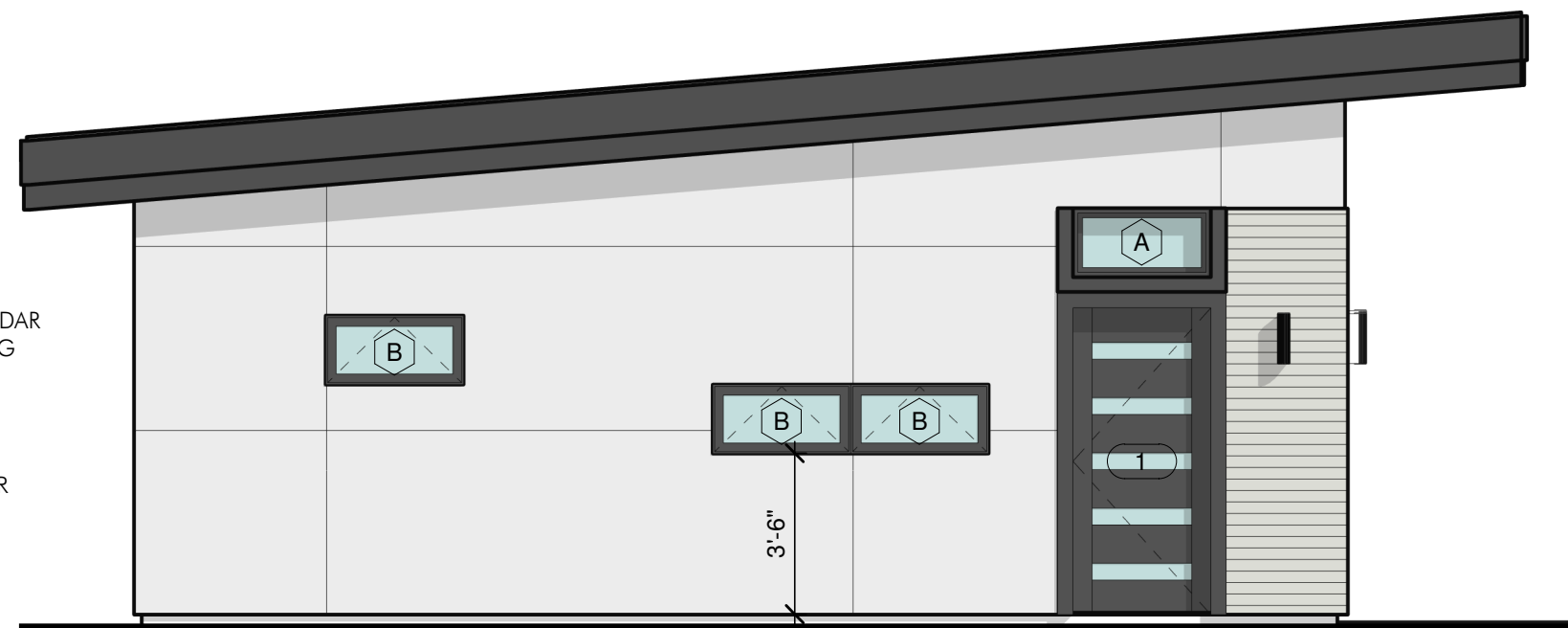
A1



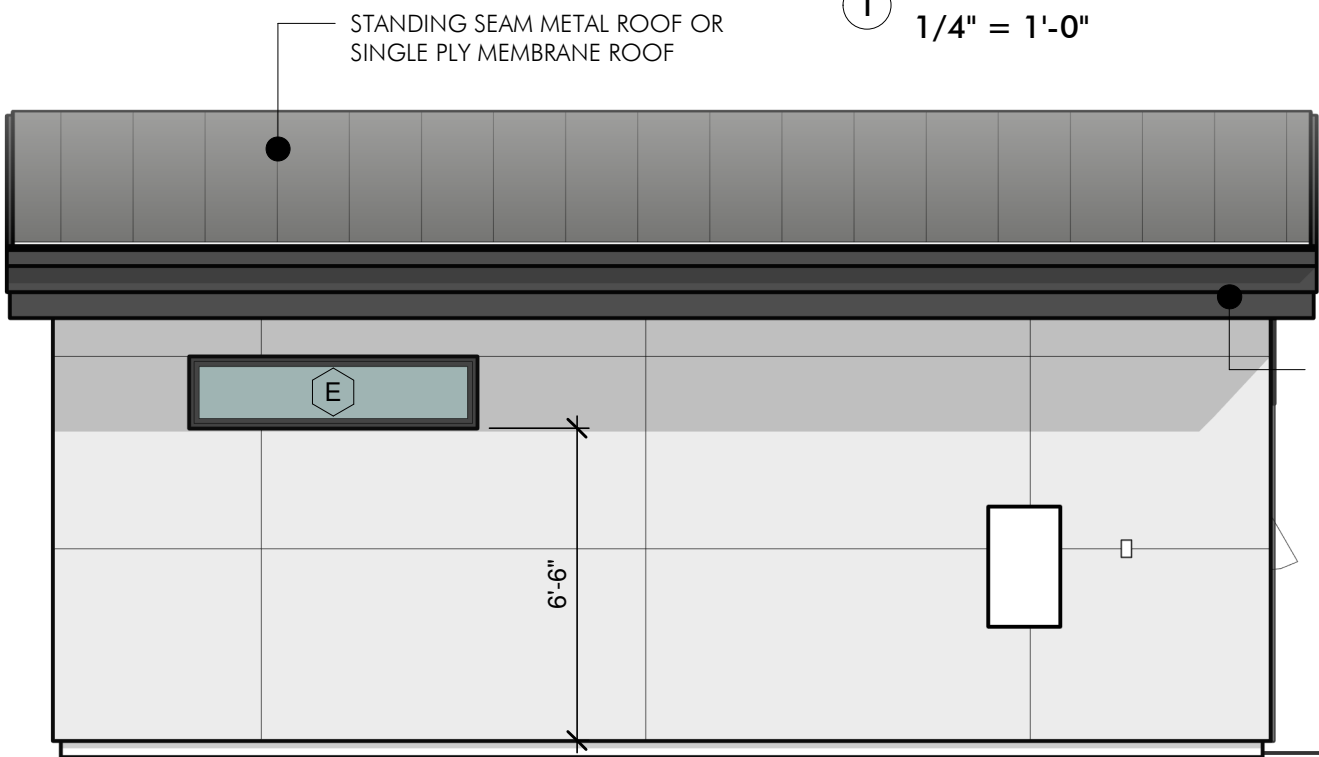
TONGUE & GROOVE CEDAR PLANK SIDING

SLIDING GLASS DOOR

① FRONT SCHEMATIC  
1/4" = 1'-0"



③ LEFT SCHEMATIC  
1/4" = 1'-0"



STANDING SEAM METAL ROOF OR SINGLE PLY MEMBRANE ROOF

BUILT-UP WOOD FASCIA

② REAR SCHEMATIC  
1/4" = 1'-0"

13' - 0 1/16"

NOT FOR CONSTRUCTION



④ RIGHT SCHEMATIC  
1/4" = 1'-0"

**COPYRIGHT 2023**  
RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.

**STIPULATION FOR REUSE**  
THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.

**MATERIALS LEGEND**

**ACCENT SIDING**

CLASS 'A' COMPOSITE BAMBOO SIDING "DASSO-XTR," OR EQUAL O/ 1 LAYER 5/8" TYPE 'X' GYP BOARD

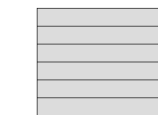


**BODY SIDING**

OPTION 1: HARDI FIBER CEMENT PANEL REVEAL SYSTEM



OPTION 2: HARDI-PLANK SHIPLAP SIDING



OPTION 3: SAND FINISH STUCCO



OPTION 4: CORRUGATED RIBBED METAL SIDING



1405 MARKET STREET  
REDDING, CA 96001  
P: 530.653.0777  
W: RADSTUDIO.DESIGN

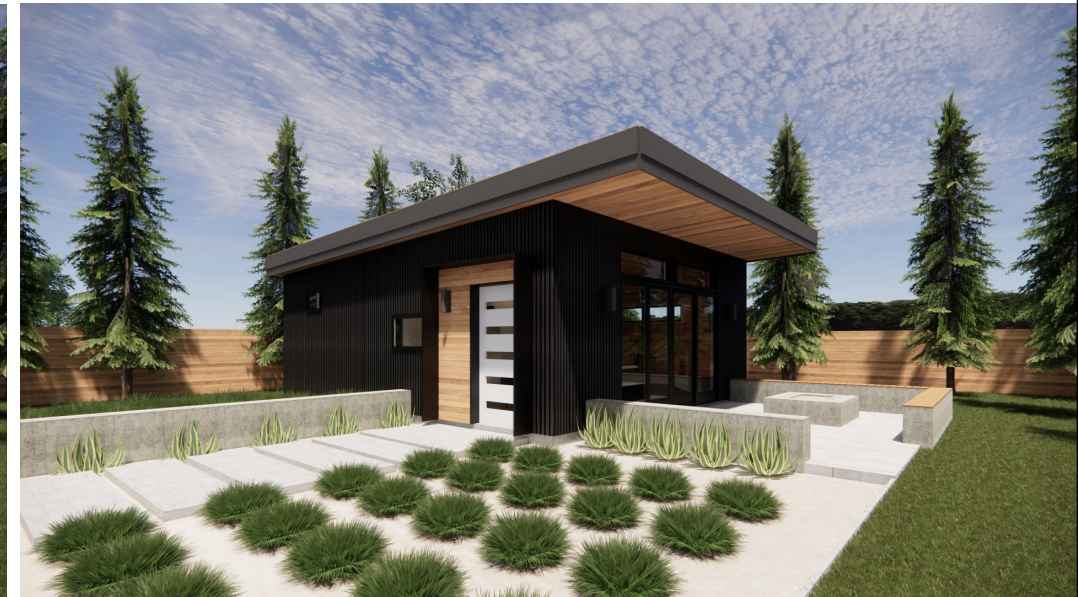


THE PINE SHED 650

EXTERIOR ELEVATIONS

SCALE: As indicated  
DATE:  
COPYRIGHT: RAD STUDIO 2023

A2



**COPYRIGHT 2023**  
 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.

**STIPULATION FOR REUSE**  
 THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.

NOT FOR CONSTRUCTION



1405 MARKET STREET  
 REDDING, CA 96001  
 P: 530.653.0777  
 W: RADSTUDIO.DESIGN



THE PINE SHED 650

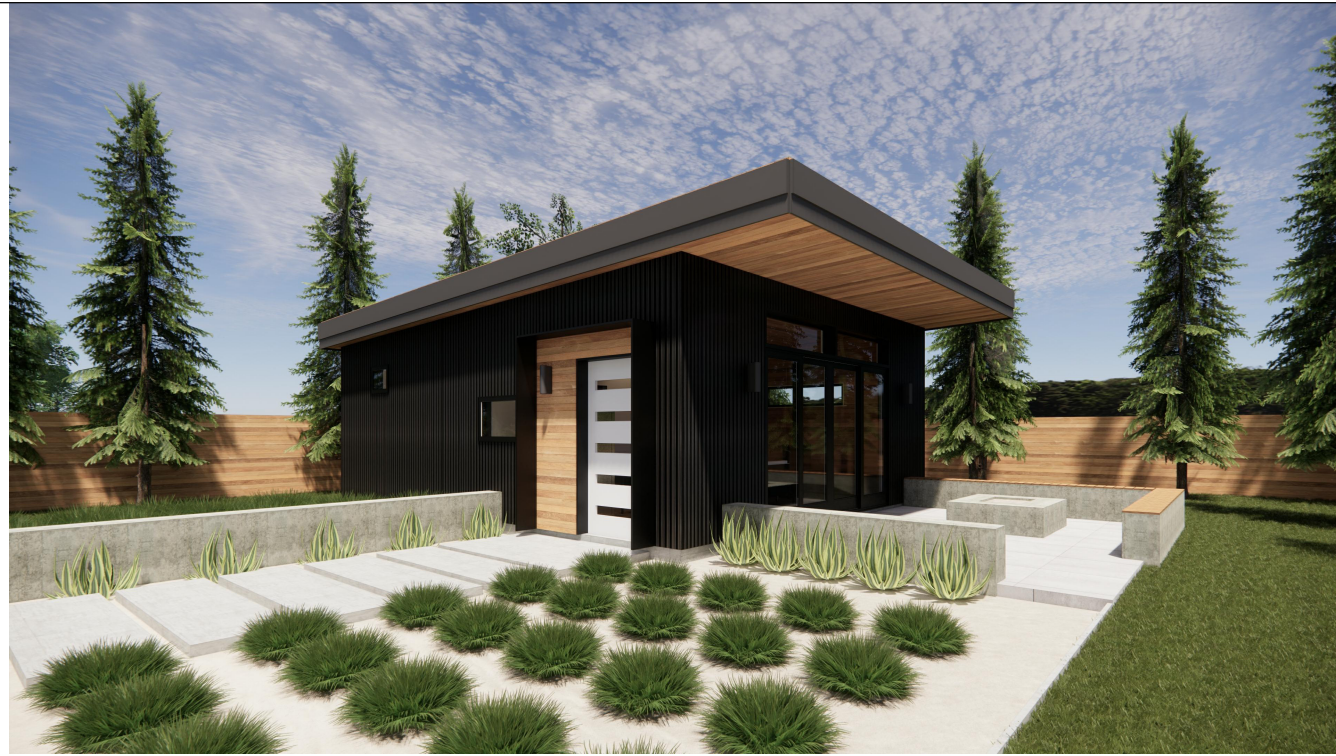
RENDERINGS

SCALE:  
 DATE:  
 COPYRIGHT: RAD STUDIO 2023

A3



SMOOTH  
STUCCO  
SIDING



RIBBED METAL  
SIDING

FIBER CEMENT  
PLANK SIDING



NOT FOR CONSTRUCTION

**COPYRIGHT 2023**  
 RAD STUDIO RETAINS ALL RIGHTS TO PROPRIETARY INFORMATION, INCLUDING, WITHOUT LIMITATION, METHODOLOGIES AND METHODS OF ANALYSIS, IDEAS, CONCEPTS, ARRANGEMENTS, PLANS, EXPRESSIONS, KNOW HOW, METHODS, TECHNIQUES, SKILLS, KNOWLEDGE, AND EXPERIENCE POSSESSED BY RAD STUDIO PRIOR TO, OR ACQUIRED DURING THE DEVELOPMENT OF THIS PROJECT AND SHALL NOT BE RESTRICTED IN ANY WAY WITH RESPECT THERETO.

**STIPULATION FOR REUSE**  
 THE DRAWING WAS PREPARED IN CONTRACT WITH SHASTA COUNTY FOR DISTRIBUTION AND USE BY THE RESIDENTS OF SHASTA COUNTY WITH A SNOW LOAD OF 70 PSF OR LESS. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS OR ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON PROJECTS OUTSIDE OF SHASTA COUNTY AND WITHOUT THE PERMISSION OF THE SHASTA COUNTY BUILDING DEPARTMENT IS NOT AUTHORIZED AND IS CONTRARY TO THE LAW.



1405 MARKET STREET  
 REDDING, CA 96001  
 P: 530.653.0777  
 W: RADSTUDIO.DESIGN



THE PINE SHED 650

ALTERNATIVE FINISHES

SCALE:  
 DATE:  
 COPYRIGHT: RAD STUDIO 2023

A4