



EAST ELEVATION SCALE 1/8" = 1'



NORTH ELEVATION SCALE 1/8" = 1'

# CNR: CENTER FOR NURSERY AND SEEDLING RESEARCH



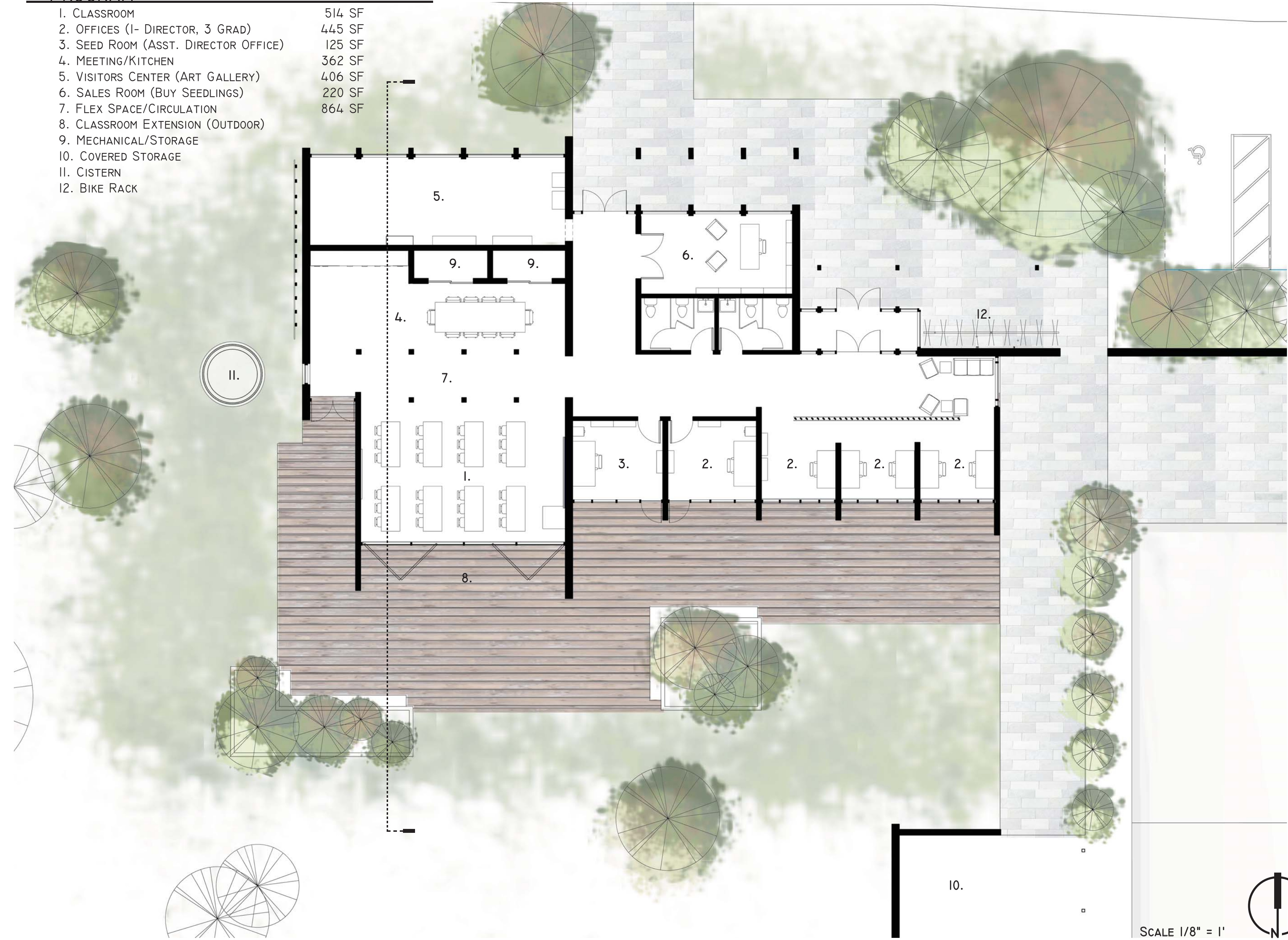
CLASSROOM VIEW (LOOKING SOUTH WEST)



SOUTH VIEW

## PROGRAM

1. CLASSROOM	514 SF
2. OFFICES (1- DIRECTOR, 3 GRAD)	445 SF
3. SEED ROOM (ASST. DIRECTOR OFFICE)	125 SF
4. MEETING/KITCHEN	362 SF
5. VISITORS CENTER (ART GALLERY)	406 SF
6. SALES ROOM (BUY SEEDLINGS)	220 SF
7. FLEX SPACE/CIRCULATION	864 SF
8. CLASSROOM EXTENSION (OUTDOOR)	
9. MECHANICAL/STORAGE	
10. COVERED STORAGE	
II. CISTERN	
12. BIKE RACK	



SCALE 1/8" = 1'

## DESIGN INTENTIONS/ USE OF WOOD

**GOAL:**  
CREATE A NURSERY AND SEEDLING RESEARCH FACILITY DESIGNED THROUGH AN ENHANCED CONNECTION WITH NATURE.

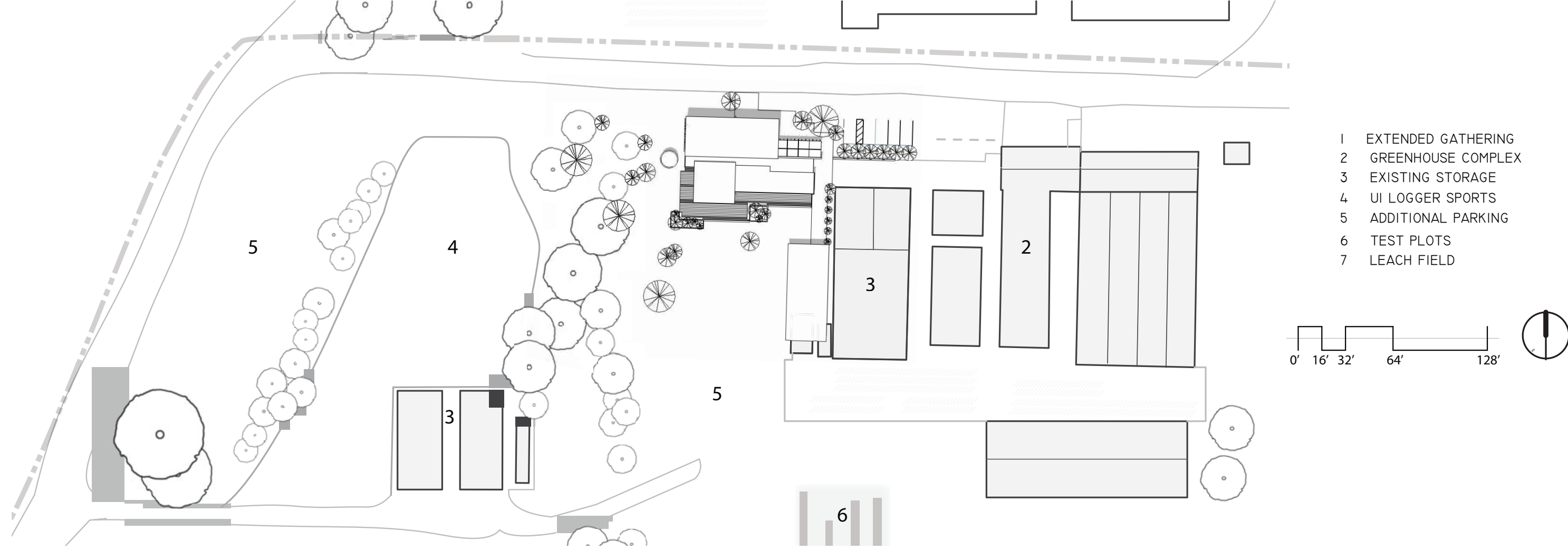
**CONCEPT:**  
- TRANSPARENCY  
- LEARNING THROUGH NATURE  
- INTEGRATION WITH SITE

**STRATEGIES:**  
- USING THE BUILDING AS A TEACHING MECHANISM BY EXPERIENCING WOOD THROUGH EXPOSED STRUCTURE AND FINISHES ALONG WITH USING NATURAL (PASSIVE) SYSTEMS TO RUN THE FACILITY.  
- GREEN ROOF AND CISTERN: WATER FILTRATION AND CATCHMENT: RUN TOILETS AND SINKS  
- PHOTO VOLTAIC PANELS: POWER ELECTRIC LIGHTS WHEN DAYLIGHT IS INSUFFICIENT  
- RADIANT HEAT FLOORING/WALLS: ELIMINATE HVAC AND DECREASE ENERGY CONSUMPTION  
- COMPUTERIZED OPERABLE APERTURES: CROSS VENTILATION: ELIMINATES AC  
- USING OTHER NATURAL MATERIALS SUCH AS CONCRETE, SLATE, STEEL AND GLASS TO COMPLIMENT THE WARMTH OF THE WOOD.  
- PROVIDING LARGE FLOOR TO CEILING GLAZING AND NANO WALLS TO CREATE A PHYSICAL AND VISUAL CONNECTION TO NATURE AND THE SITE  
- MAXIMIZE THE VIEWS: OF THE NURSERY, MOSCOW MOUNTAIN, AND THE PALOUSE  
- NATURAL DAYLIGHTING: DECREASE ENERGY USED FOR ELECTRIC LIGHTING

**IDAHO WOOD PRODUCTS:**  
- WESTERN SPECIES GLULAM  
- EXPOSED ROOF GIRDERS AND BEAMS  
- PONDEROSA PINE/DOUGLAS FIR  
- TIMBER COLUMNS  
- DIMENSION LUMBER STUD WALLS  
- INCENSE CEDAR  
- EXTERIOR DECKING  
- WESTERN RED CEDAR  
- SLATS/SIDING  
- SUGAR MAPLE  
- FURNITURE  
- MOUNTAIN HEMLOCK  
- DOORS/MOLDING  
- TJI ROOF JOIST  
- GREEN ROOF STRUCTURE



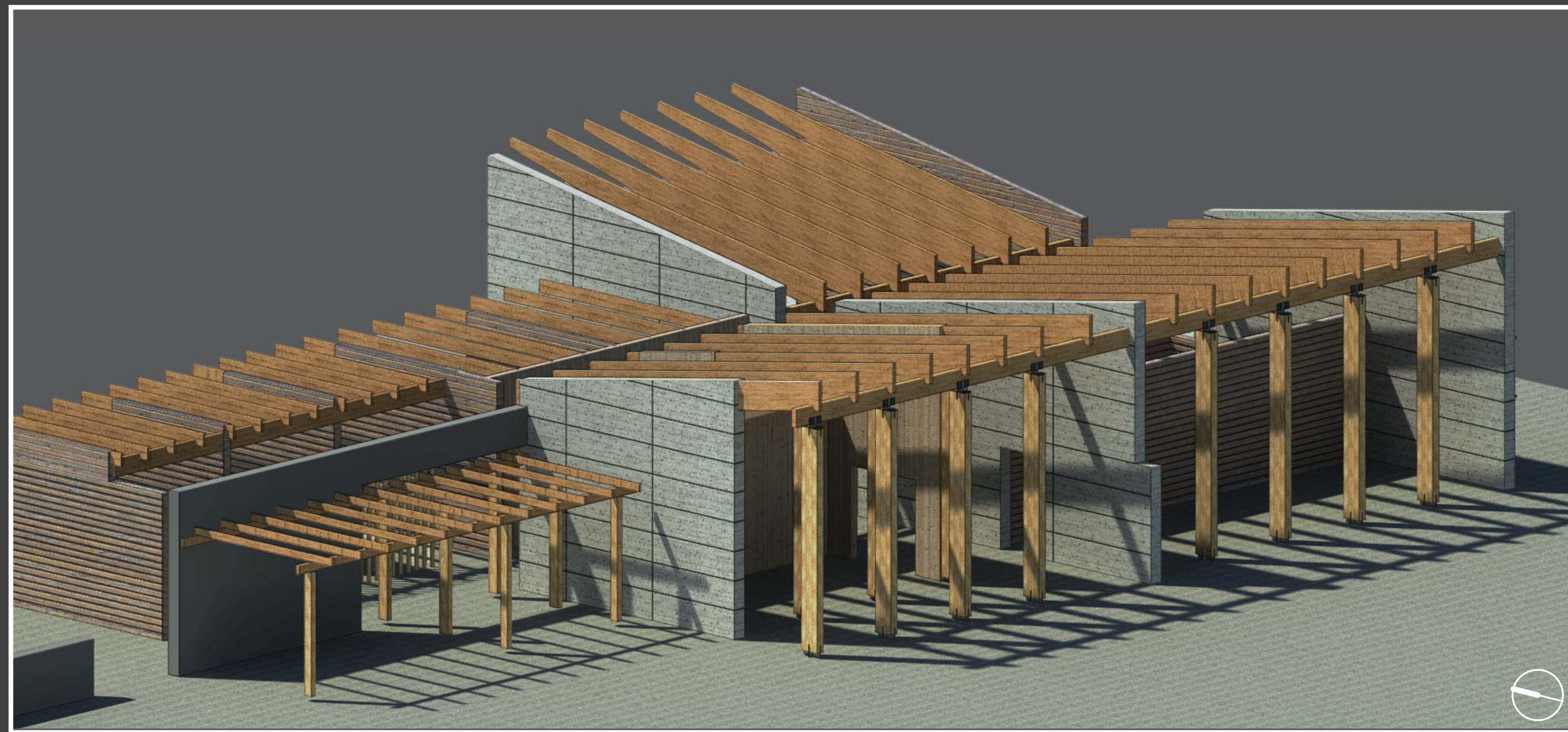
# IDAHO FOREST PRODUCTS



	WESTERN SPECIES GLULAM GROWN/ASSEMBLED IN IDAHO		DOUGLAS FIR NATIVE/GROWN IN IDAHO GROWN IN NURSERY		WESTERN RED CEDAR NATIVE/GROWN IN IDAHO GROWN IN NURSERY		MOUNTAIN HEMLOCK GROWN IN IDAHO
	PONDEROSA PINE NATIVE/GROWN IN IDAHO GROWN IN NURSERY		INCENSE CEDAR GROWN IN IDAHO GROWN IN NURSERY		SUGAR MAPLE GROWN IN NURSERY		TJI ROOF JOIST MANUFACTURED IN IDAHO



STRUCTURE AND FRAMING



1. WOOD JOINT DETAIL



2. GREEN ROOF/ WATER CATCHMENT FEATURE



3. SHED ROOF STRUCTURE DETAIL

