



ENTRY PERSPECTIVE - LOOKING SOUTH



**PROGRAM**

1. ENTRY	140 SF
2. MATERIAL LIBRARY	220 SF
3. SALES ROOM	220 SF
4. EXHIBIT	140 SF
5. LOUNGE	70 SF
6. CLASSROOM	650 SF
7. BATHROOM	90 SF
8. MECHANICAL	45 SF
9. STORAGE	45 SF
10. FLEX/KITCHEN	200 SF
11. GRAD WORKSPACE	175 SF
12. DIRECTOR'S OFFICE	100 SF
13. SEED ROOM	100 SF
14. EXTERIOR	1400 SF
TOTAL	2,565 INTERIOR
TOTAL	1,400 EXTERIOR

SCALE: 3/16"=1'

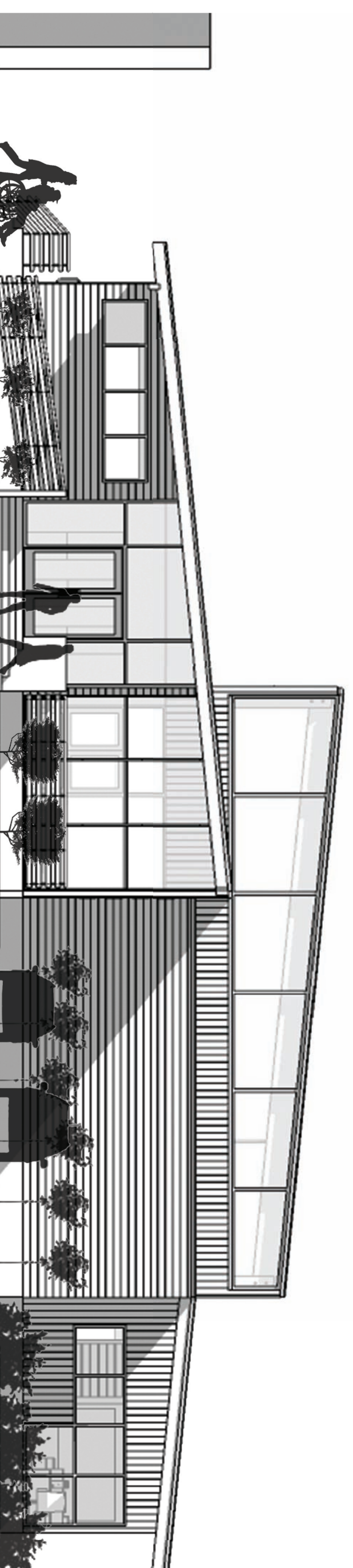
**PITKIN NURSERY LEARNING CENTER**

**COLLEGE OF NATURAL RESOURCES**

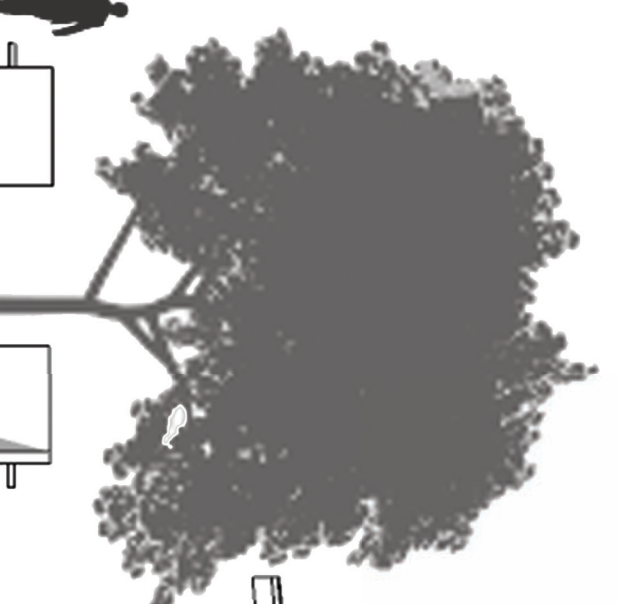
**MOSCOW, IDAHO**  
UNIVERSITY OF IDAHO



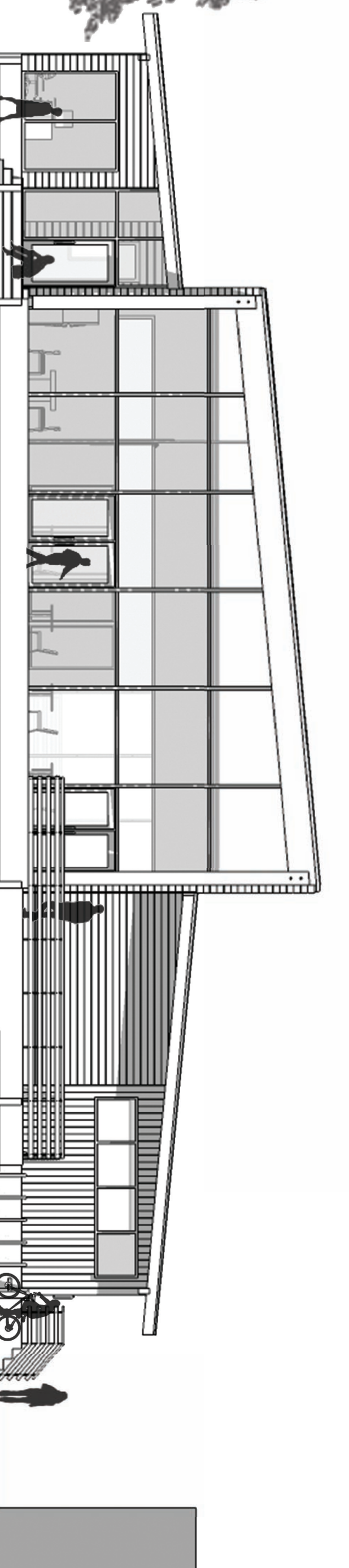
OUTDOOR SPACE - LOOKING NORTHEAST



NORTH ELEVATION



SCALE: 1/8"=1'



SOUTH ELEVATION

**DESIGN INTENTION**

**GOAL:** THE DESIGN INTENT OF THIS PROJECT IS TO SERVE, EDUCATE, AND PROVIDE RESEARCH ABOUT THE PITKIN NURSERY AND SEEDLING FACILITY.

**CONCEPTS:** SERVICE EDUCATION RESEARCH

**STATEMENT:** THE PROPOSED DESIGN WILL EXPLORE AND SERVE TO SHOWCASE THE BEST USE OF IDAHO WOOD. TO DEMONSTRATE THE VALUE OF THE MATERIAL AS A PRODUCT AND AN EDUCATIVE TOOL, THIS FACILITY WILL HELP PROMOTE THE COLLEGE OF NATURAL RESOURCES, PROVIDE ANOTHER AMENITY FOR QUALITY RESEARCH, AND BE A VISIBLE STATEMENT OF THE IMPORTANCE OF THE FOREST FOR OUR GENERATION AND FOR FUTURE ONES.

**IDAHO WOOD PRODUCTS**

WESTERN RED CEDAR SIDING, SLATS, AND OUTDOOR SEATING	DOUGLAS FIR DIMENSION LUMBER STUD WALLS
WESTERN WHITE PINE INTERIOR FINISHES	WESTERN SPECIES GIULIAM EXPOSED ROOF BEAMS
WESTERN LARCH FINE VENEER WALL PANELS	GRAND FIR DIMENSION LUMBER
LOGGERS POLE PINE PLYWOOD, EXPOSED SLATS	QUAKING ASPEN FURNITURE AND WALL PANELS

**STRATEGIES**

**PROVIDE A COMPLETE AND THOROUGH PROGRAM TO ENABLE SERVICES. PROVIDE EDUCATION, AND STIMULATE RESEARCH**

- MATERIAL LIBRARY TO SHOWCASE IDAHO WOOD PRODUCTS
- WORLD CLASS CLASSROOM TO EDUCATE VISITORS AND STUDENTS ABOUT IDAHO'S FORESTS AND THEIR PRODUCTS
- SMALL LOUNGE AREA TO RELAX OR WAIT FOR STAFF
- EXHIBIT SPACE TO SHOW THE HISTORY AND FUTURE OF THE NURSERY
- FLEXIBLE SPACE THAT CAN BE UTILIZED AS A KITCHENETTE OR A SMALL CONFERENCE SPACE FOR STAFF/GRAD/STUDENTS

**USE THE BUILDING AS A MEANS TO TEACH BY EXPERIENCING WOOD THROUGH EXPOSED STRUCTURAL ELEMENTS AND FINISHES**

**NATURAL (PASSIVE) SYSTEMS**

- GOLD ROOF
- PASSIVE SOLAR

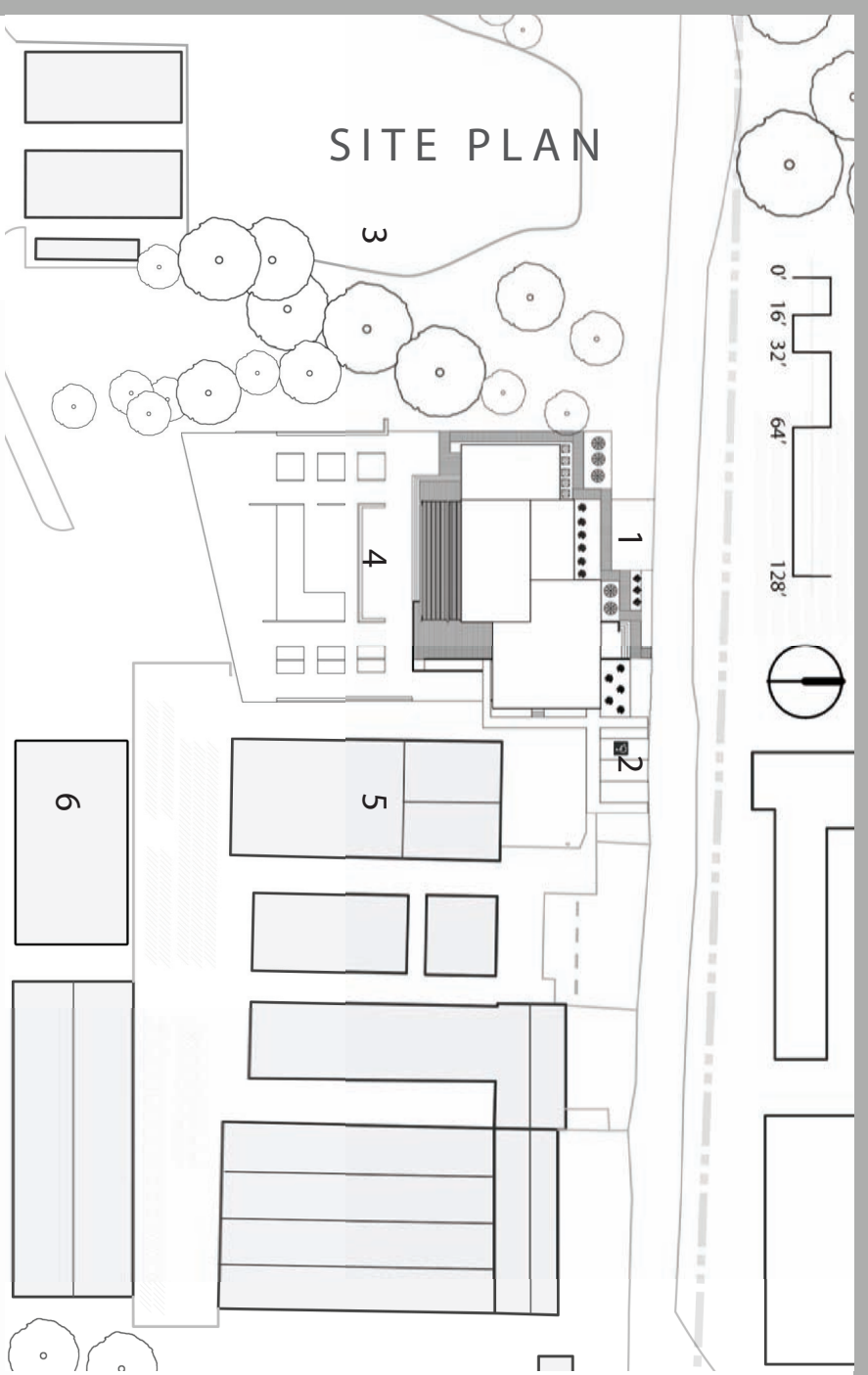
**USE OTHER MATERIALS TO COMPLEMENT THE WARMTH OF THE WOOD**

- CONCRETE
- STEEL
- GLASS

**PROVIDE A FACILITY UTILIZING NATIVE IDAHO TREES**

- UTILIZE IN STRUCTURE
- EXTERIOR FINISHES
- INTERIOR FINISHES





BRIDLE JOINT & COLD ROOF



COLUMN-TO-FOOTING



RAILING DETAIL



STANDING METAL SEAM ROOF PANELS

PONDEROSA PINE SLATS

DOUGLAS FIR FLOOR JOISTS 2" X 10" @ 24" O.C.

CRAWL SPACE + CONCRETE FOOTING 30" DEEP






DOUGLAS FIR ROOF RAFTER 2" X 10" @ 16" O.C.

WESTERN SPECIES GLULAM BEAM 6" X 10"

AMERICAN CHESTNUT WOOD SLATS FORMS SLIDING DOOR INTO GRAD WORKSPACE

PONDEROSA PINE FOLDING WALL ENABLE CLASS TO EXPAND INTO KITCHENETTE SPACE

## MATERIALITY - IDAHO WOOD PRODUCTS

	<b>WESTERN RED CEDAR</b> Siding, Outdoor Seating Native to Idaho Grown at Nursery		<b>WESTERN WHITE PINE</b> Interior Finishes, Woodware Native to Idaho Grown at Nursery		<b>DOUGLAS FIR</b> Rafters, Joists, Beams Native to Idaho Grown at Nursery		<b>WESTERN HEMLOCK</b> Pillings, Pole, Flooring Native to Idaho Grown at Nursery
	<b>WESTERN LARCH</b> Fine Vanner, Poles, Pulpwood Native to Idaho Grown at Nursery		<b>LODGEPOLE PINE</b> Siding, Outdoor Seating Native to Idaho Grown at Nursery		<b>GRAND FIR</b> Lumber, Plywood Native to Idaho Grown at Nursery		<b>QUAKING ASPEN</b> Furniture, Wall Panels Native to Idaho Grown at Nursery

## ROOF FRAME STRUCTURE

