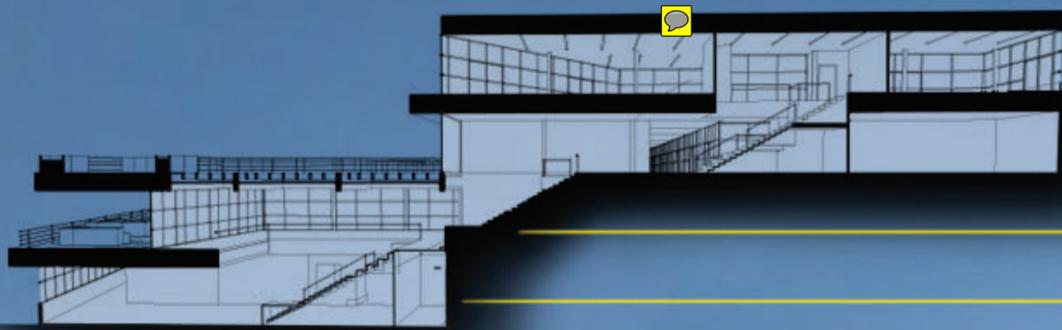
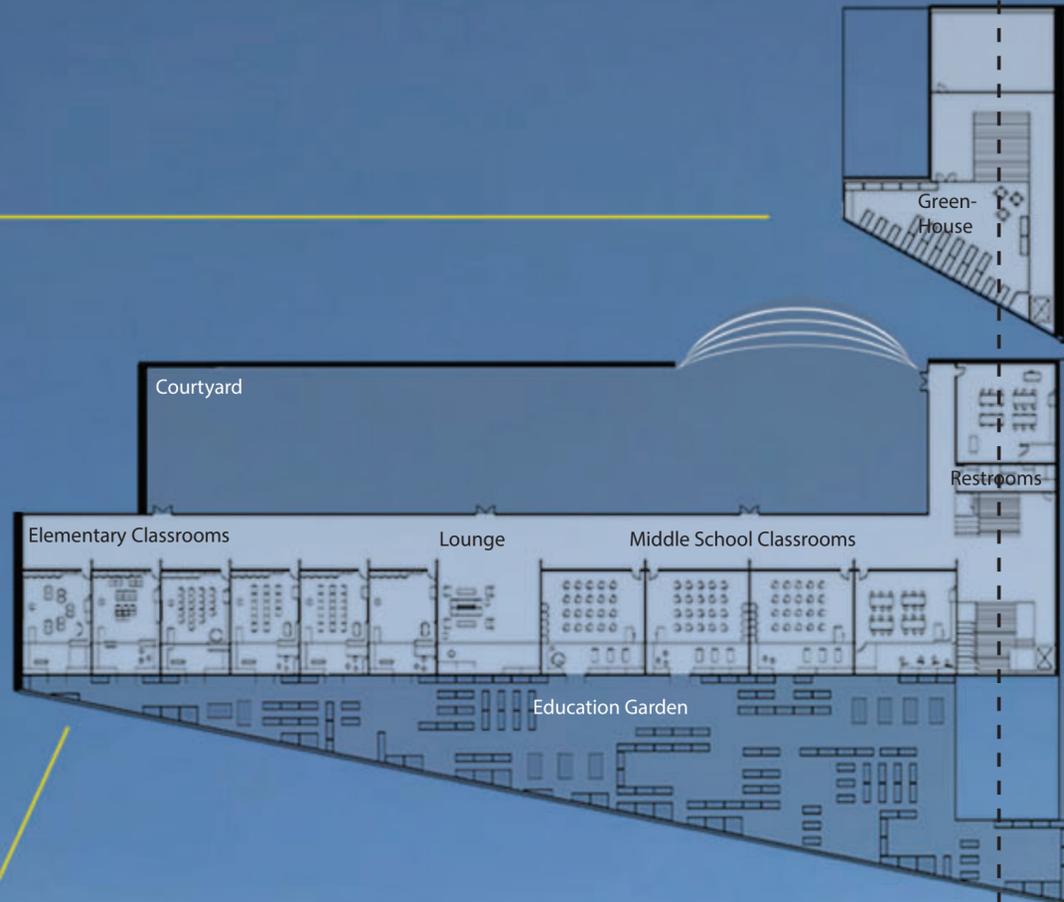


# Nest.



section cut

1/2" = 10'



Elementary Classrooms

Lounge

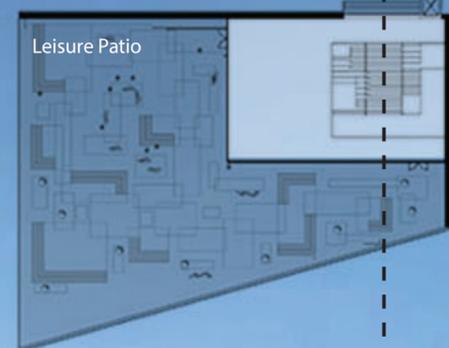
Middle School Classrooms

Courtyard

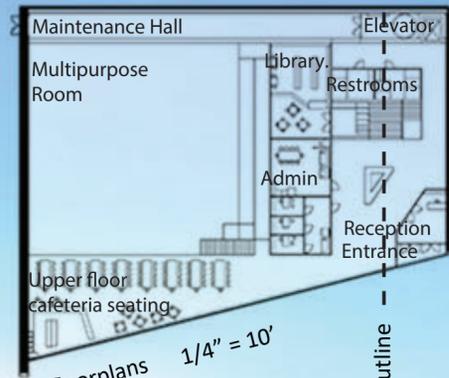
Green-House

Restrooms

Education Garden



Leisure Patio



Maintenance Hall

Multipurpose Room

Library

Restrooms

Admin

Reception Entrance

Upper floor cafeteria seating

floorplans

1/4" = 10'

section cutline

A space for children to learn, grow, and be challenged in a protected environment that is close with nature. Students will learn by working, playing, and observing their natural surroundings, guided by their mentors and challenged by their peers. A variety of comforting and lively spaces allow for individuals to thrive in unique learning environments.

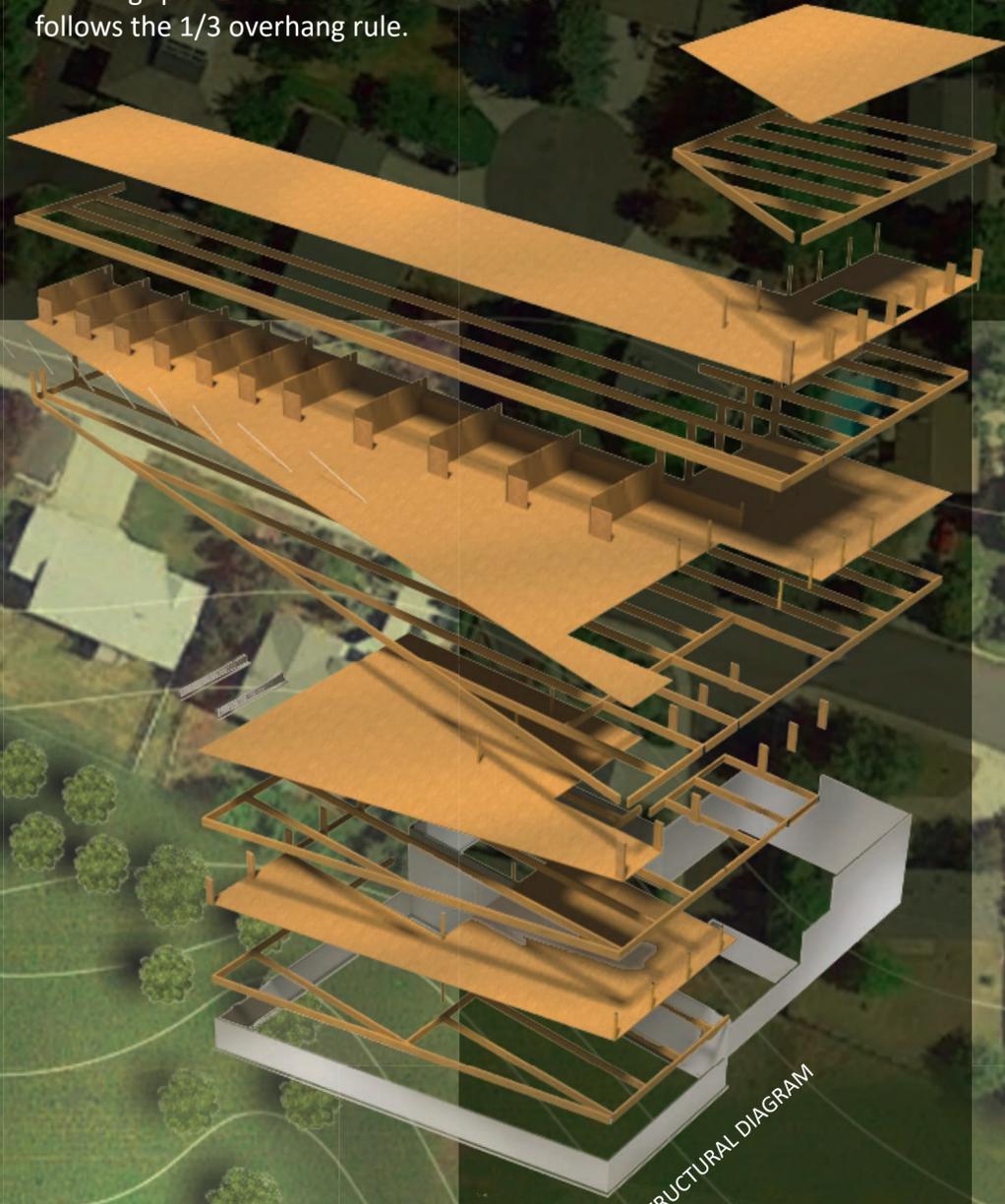
Group collaboration is encouraged, as well as time for self reflection and introspection. Importance of good stewardship to the Earth and community is displayed firsthand through the building's systems and features. The Nest helps students develop into strong individuals with a positive and insightful understanding of the world.



# STRUCTURE

The box structure that makes the cantilever possible is composed of 3'x9" glulam beam floors with 3-ply CLT decking above with concealed steel connections that attaches to the 7-ply CLT walls. 3-ply CLT decking is on top of the 3'x9" ceiling glulams that are joined by a bridle joint connection into the CLT walls. Steel members are used for cross-bracing to support the cantilever and form the final element in the box-frame. The third floor cantilever has a different foundation

system than the rest of the building, it is composed of 4' concrete footings that are underneath each CLT wall. Glulam beams are staggered so that there is not a common breaking point within the structure and follows the 1/3 overhang rule.

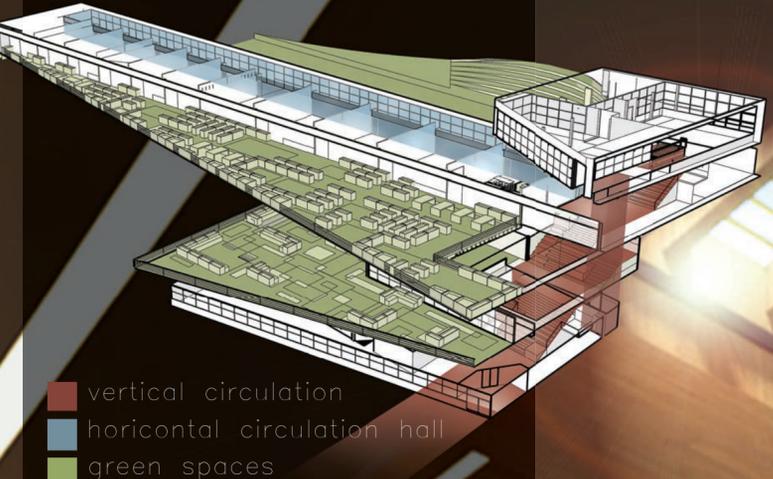


# SITE

The built structure strides back and forth up the natural landscape of the site, extending its arm perched over the western hillside. Trees and vegetation to the north provide a natural buffer from views and noise to the nearby residences. Clear paths for buses and vehicles, and a protected student drop-off zone make the parking lot a safe and effective system. A roundabout near the entrance of the site provides an extra layer of safety, encouraging a slower pace of vehicles.

SITEPLAN





- vertical circulation
- horizontal circulation hall
- green spaces

# SOCIAL & GREEN GROWING

## STAIRCASE

The main stair is a dynamic social space, where students may interact and break off the path in areas for sitting, studying, and meeting with teachers and peers. A blanket of soft natural light flows into this space through the translucent walls and ceiling. The staircase is the primary core of movement and informal interaction throughout the building.

## 2ND FLOOR LEISURE PATIO

An outdoor space where anyone is welcome to read, study, or meditate while catching a breath of fresh air.

## 3RD FLOOR GARDEN

Students are able to observe and personally grow plants as a first hand learning experience. It is accessible only through the classrooms, giving children a safe place to learn responsibility and care.

## COURTYARD

An outdoor area protected by the building, which is an active playground for children to play sports and explore nature safely. Outdoor amphitheater seating presents an area for outdoor assemblies and theater performances.

## 4TH FLOOR GREENHOUSE & EXPEDITION ROOM

Students are able to grow and study plant biology even during the cold Idaho winters.



STAIRCASE – 1ST FLOOR



COURTYARD – 3RD FLOOR



CLASSROOM HALLWAY – 3RD FLOOR

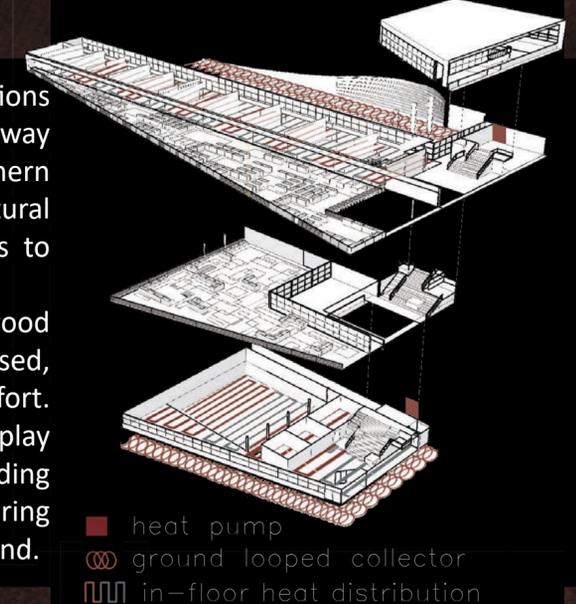
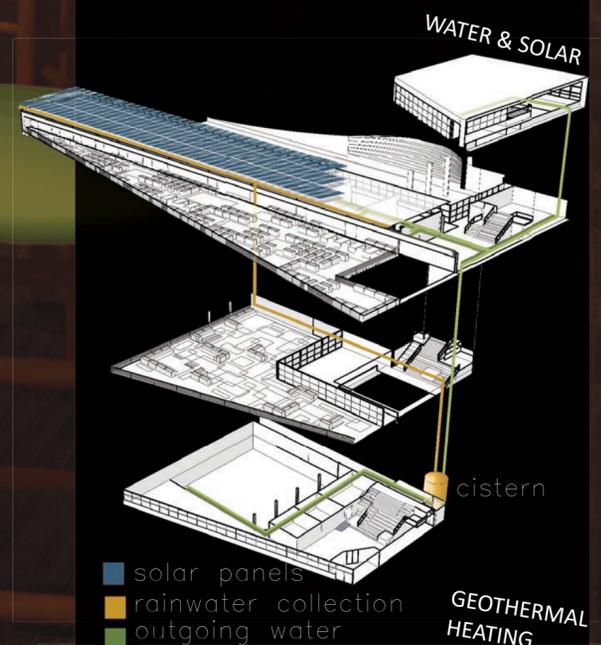
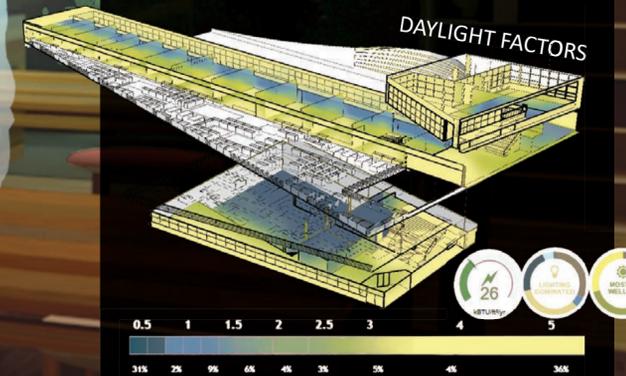
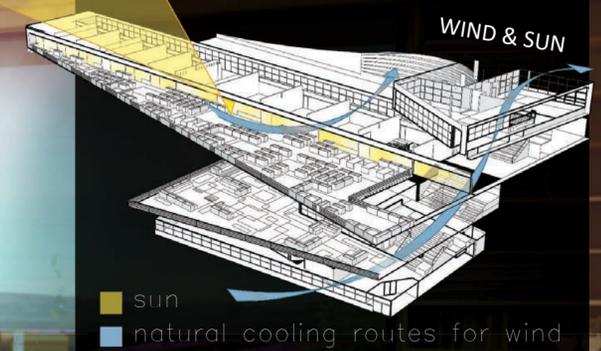


LEISURE GARDEN – 2ND FLOOR



# SYSTEMS

The building systems utilize the natural resources of sun, wind, earth, and water to make the building perform well and efficiently in its environment. By channeling the power of nature our building conserves energy and produces power, giving the excess back to the local community grid.



ART CLASSROOM — 3RD FLOOR



GARDEN — 3RD FLOOR

## LEARNING IN MANY WAYS

All the K-8th grade classroom spaces are located on the 3rd floor, branching off the main hallway path. Each classroom has a unique identity, displayed through individual color schemes which create a vibrant, playful environment on the path to each class. Students of all different ages

have positive meaningful interactions with each other. The entire hallway has an open view to the northern courtyard, providing warm natural light and consistent visual access to the outdoors. Inside the classrooms, the solid wood ceiling structure remains exposed, offering visual and acoustic comfort. Large windows to the south display panoramic views of the surrounding Palouse hills and fields, while delivering sufficient natural daylight year round.

