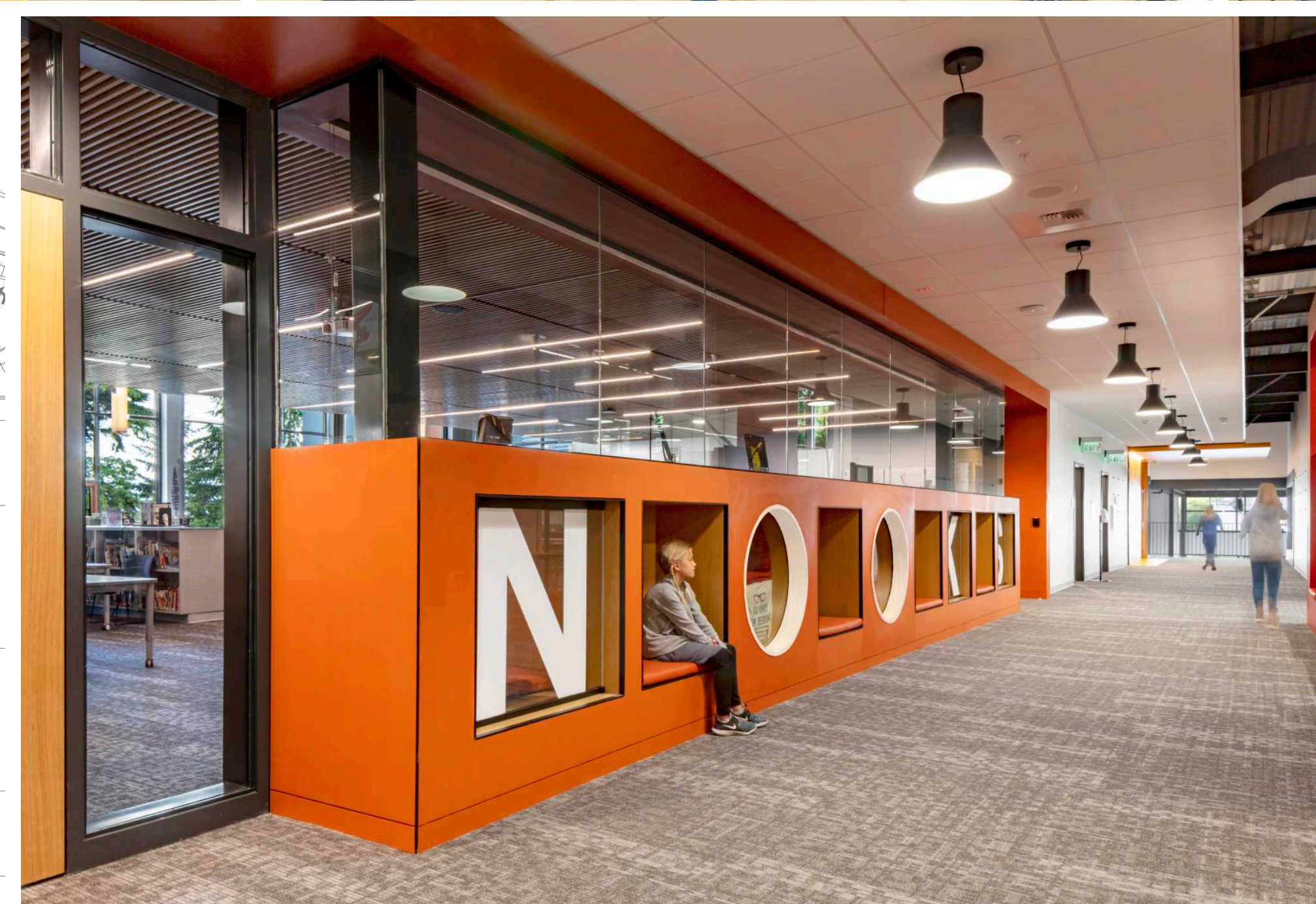
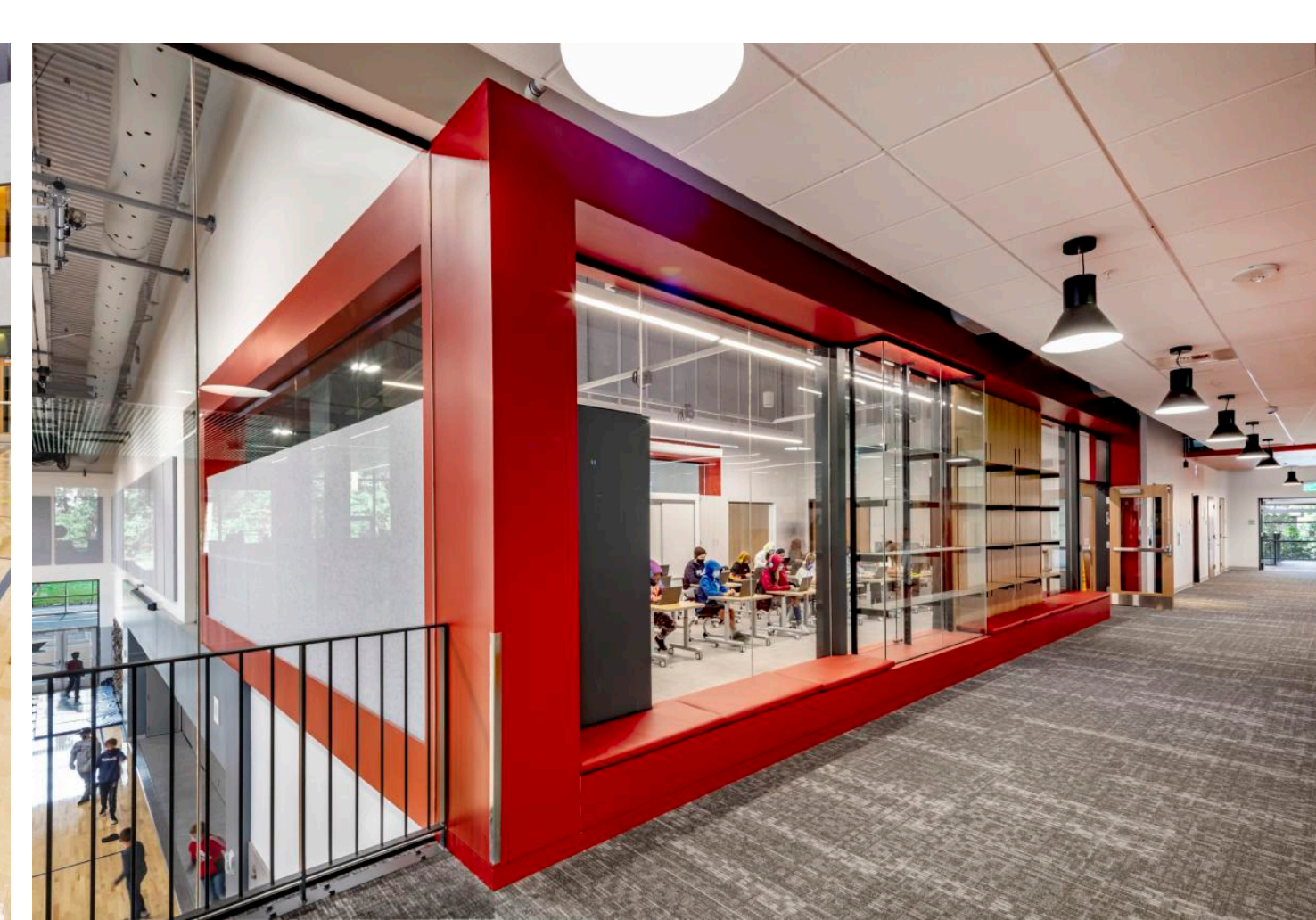
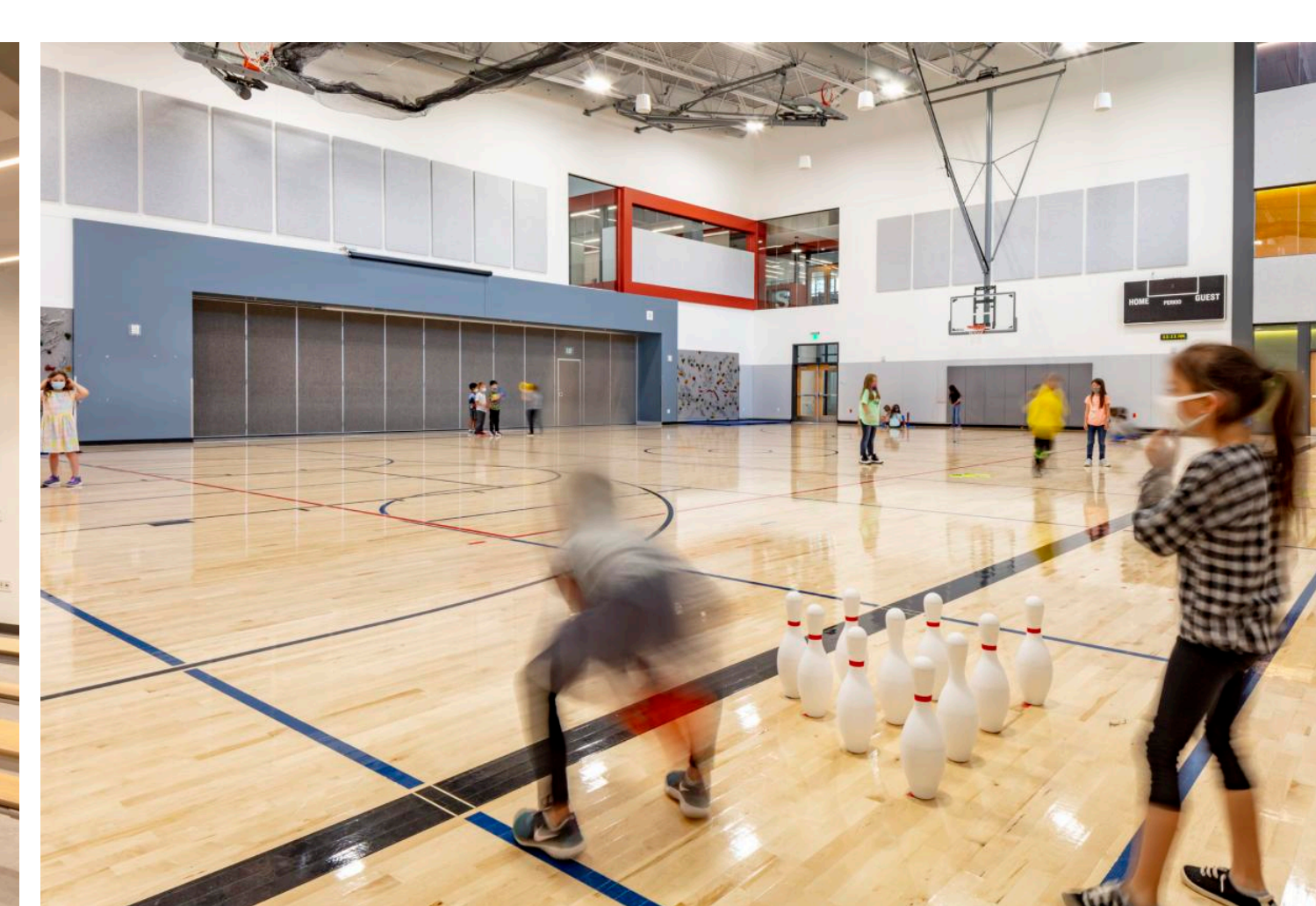
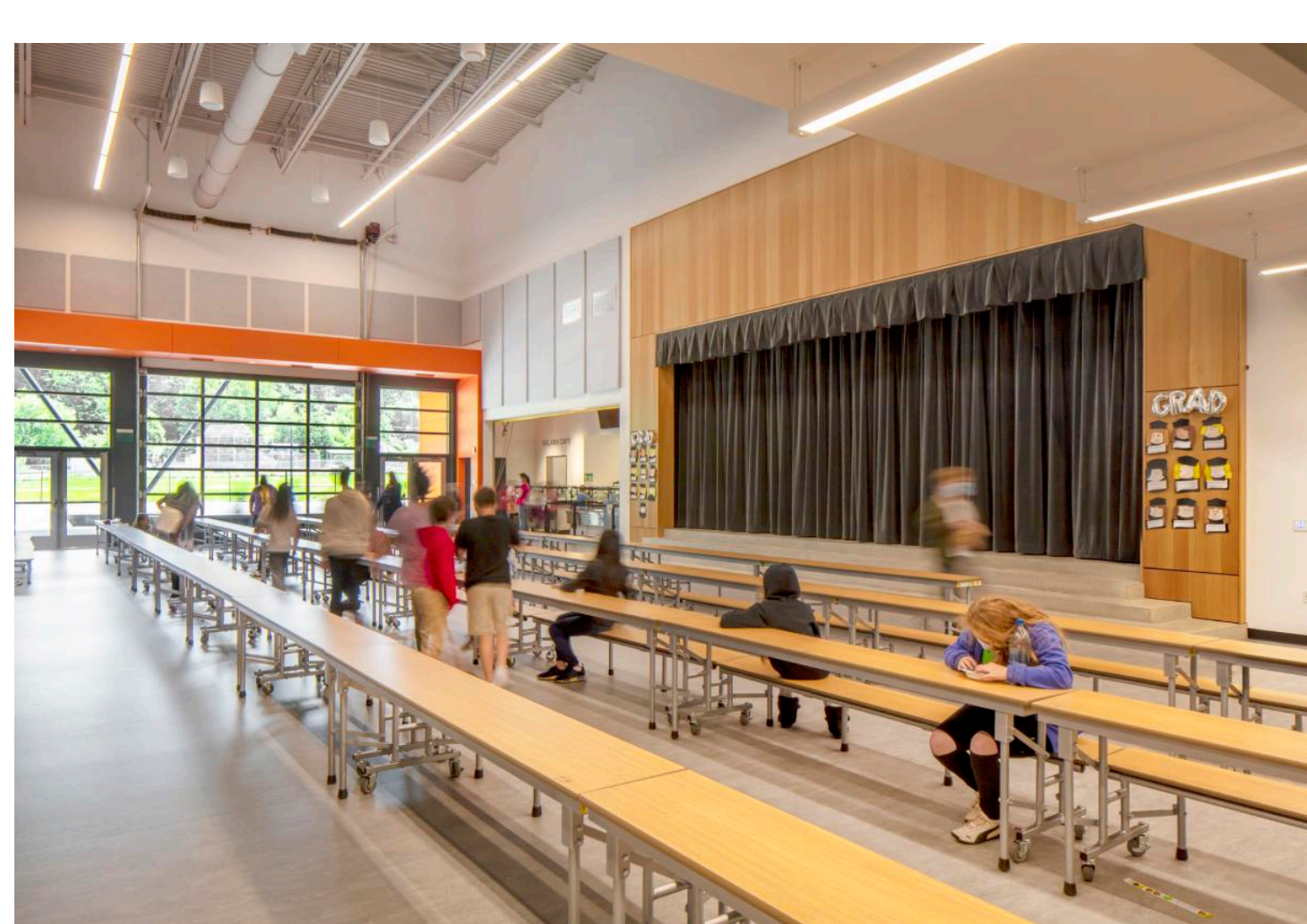


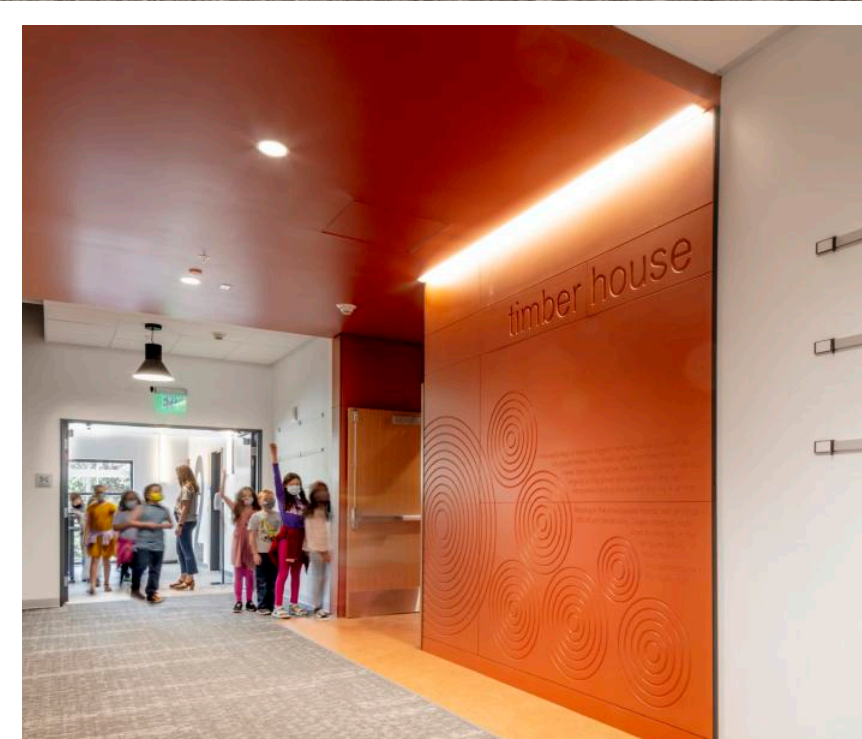


► Dedicated outdoor play areas such as the bus loop were conceived of as a multi-use space for students and vehicles. At the center, Kinder Island features a soft surface play area with equipment which is surrounded by pavement games and grassy areas. Partially covered hard surface play areas are accessed via a large overhead sectional glass door from the commons / cafeteria space or the gymnasium. Soft surface play areas include the playground and soccer field.

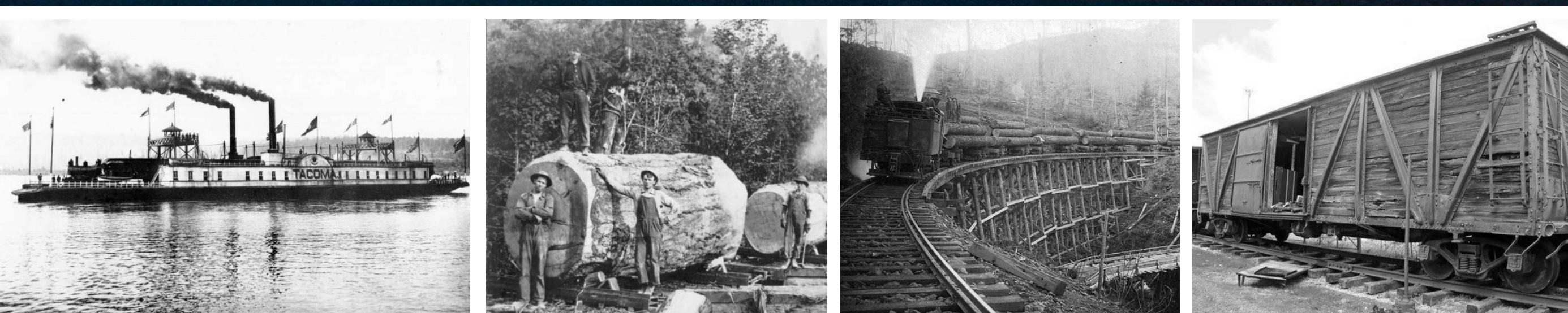
► The interior features a full-size gymnasium, commons, full-service kitchen and performance stage that are available for community events. When operable partitions are opened, the spaces become one and provide for a large community gathering place.



► The STEM Lab at the heart of the building is a flexible space for project-based learning featuring a kitchen, kiln, white boards, tackable surfaces display cases, green screen, an interactive screen and durable worktops.



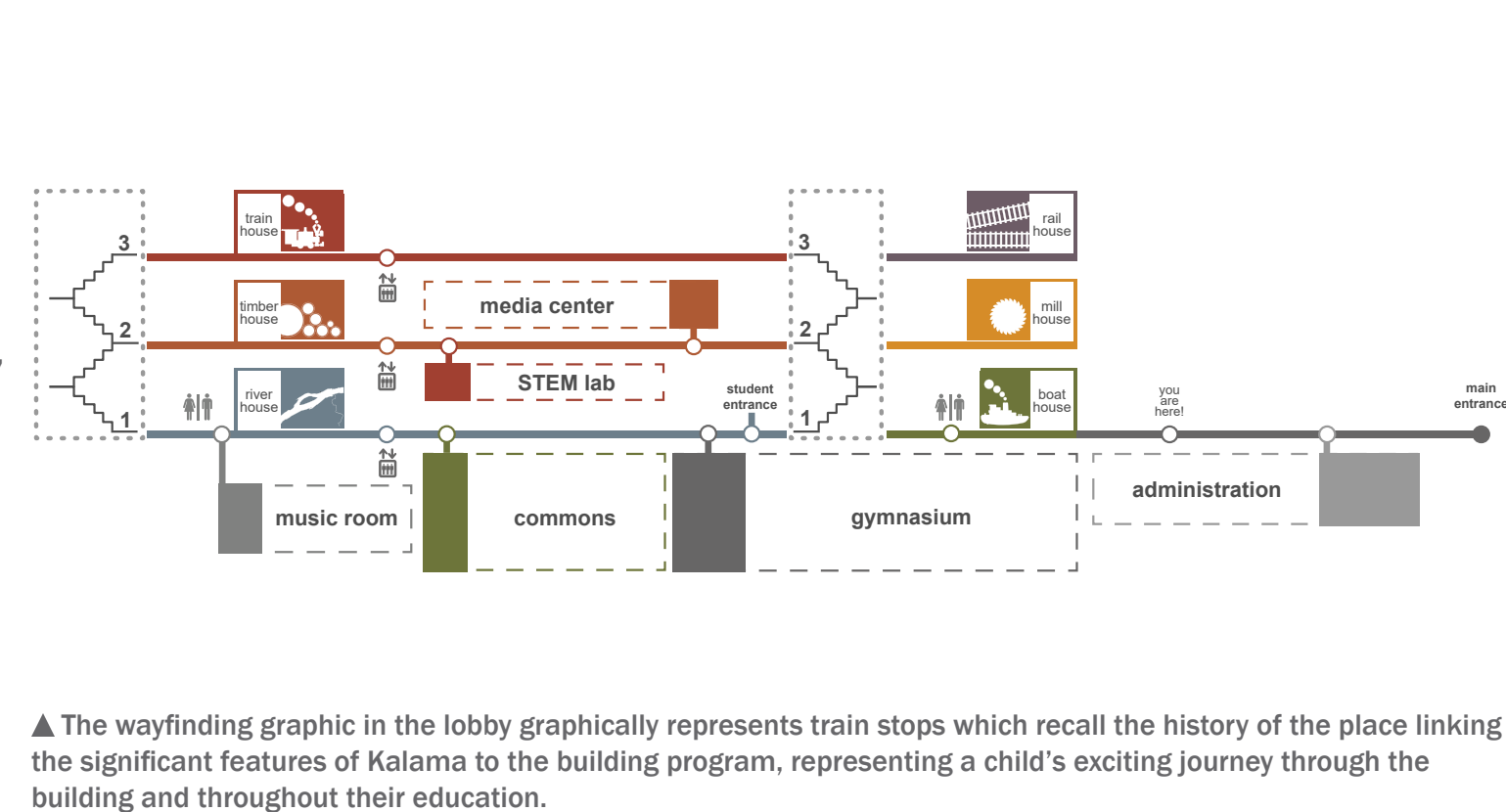
► The Rails Meet Sails concept extends to the interior and at the entry of each small learning community to facilitate wayfinding and to give a sense of ownership and identity. Engraved MDF panels help students with sensory issues have a physical connection to the building via tactile surfaces.



# KALAMA ELEMENTARY SCHOOL

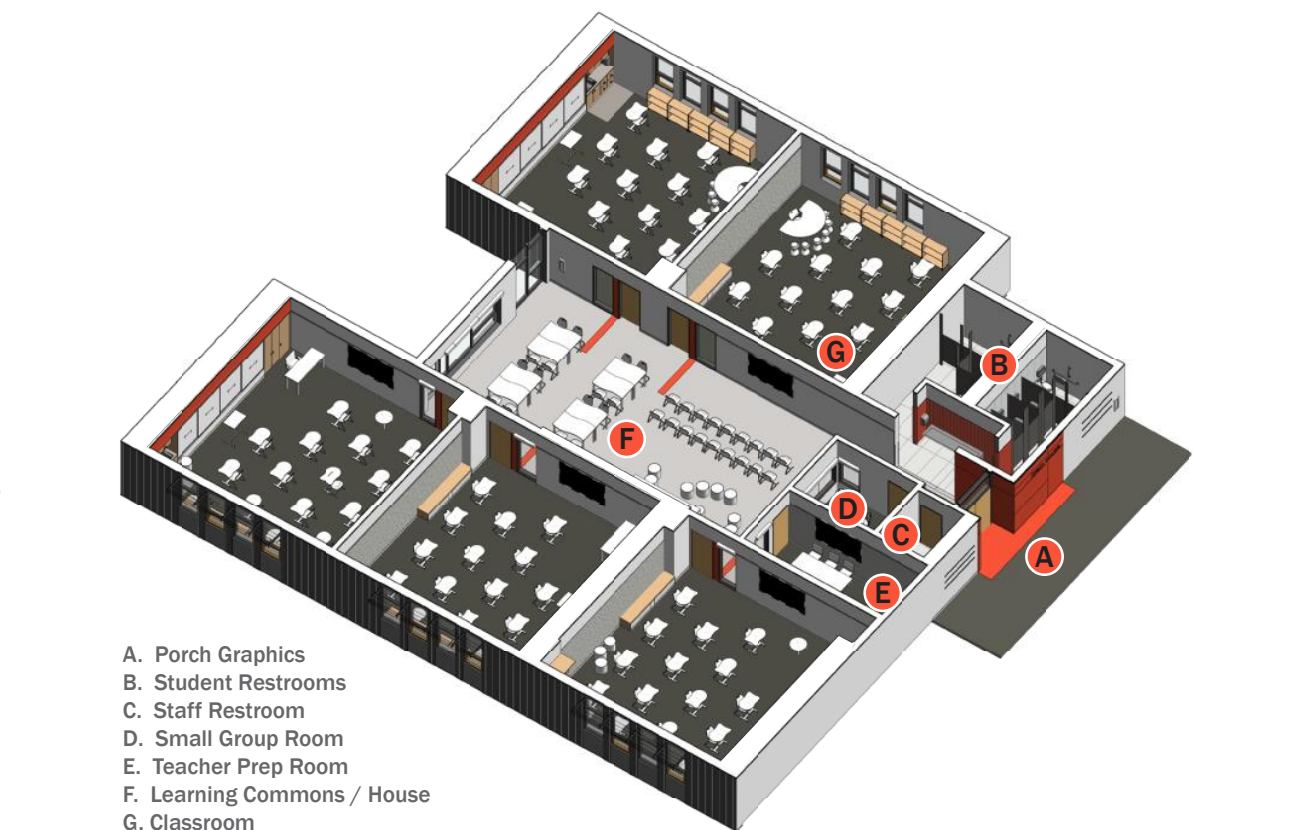
Nestled in the hillside of its community, Kalama Elementary School is a new K-5 replacement elementary school that attempts to answer the question, "How do you create a new contemporary learning environment that has a story to tell?" For over 80 years, there has been a reverence and love for the historic high school in Kalama. For the District and community, it was important that the replacement elementary school had a similar sense of belonging to the community while having its own unique identity. Kalama is steeped in a history intertwined with shipping, logging, and the railway. One of our primary goals was creating a sense of place, pride, and belonging by infusing that history into the site, architecture, interiors, and wayfinding.

Another overarching goal was creating a contemporary learning environment that could support multiple modalities of learning, effectively becoming a third teacher to the student population. In order for this to occur, the schools had to be flexible, adaptable, and agile. This was a key component to future proofing the building as well, allowing the building to adapt to an educational environment that is constantly evolving. It is because of this flexibility that the school performed extremely well under a truly unforeseen condition, COVID, and was able to adapt for in-person learning while at full capacity.



► The wayfinding graphic in the lobby graphically represents train stops which recall the history of the place linking the significant features of Kalama to the building program, representing a child's exciting journey through the building and throughout their education.

► The flexible learning environments were designed to be student centered and to support teaching and learning. We worked very closely with the District to conceptualize an ideal learning environment that could be as future proof as possible and student-centered. It was important that these small learning communities adapt to multiple learning modalities since we all learn very differently. There are opportunities for small group instruction, one-on-one tutoring, extended learning, project-based learning, storytelling, interdisciplinary learning and much more.



A. Porch Graphics  
B. Student Restrooms  
C. Staff Restroom  
D. Small Group Room  
E. Teacher Prep Room  
F. Learning Commons / House  
G. Classroom

► Our reciprocal planning process was essential to understanding the vision of the district and informed every decision that was made through design and construction. There was a strong desire to integrate local history into the project and it was important to the principal and to the district that this project feel like it has been part of the Kalama community. One of the charettes conducted during the programming and planning phase included research of imagery from Kalama's industrial inception and beginnings. The intersection of the Columbia River, the Northern Pacific Railway, and the timber industry was the highlight during this exploration. Before Tacoma, Kalama was the original location where the "Rails met Sails" as the railroad made its intercontinental journey.

**MATERIAL SUPPLIERS**  
Linoleum Flooring Forbo  
Carpeting Tandus  
Tile Flooring Daltile  
Wood Athletic Flooring Robbins  
Acoustical & Wood Ceilings Certainteed  
Acoustical Panels Polysorb  
Wall Coverings & Upholstery Carnegie  
Toilet Partitions Hadrian  
Plastic Panels Marlite and Nudo  
Paint Sherwin Williams  
Plastic Laminate Wilsonart, Nevamar  
Visual Displays Platinum  
Roller Shades Draper  
Face Brick / CMU Mutual Materials  
Windows, Ext. Doors, Sunshades Kawneer  
Coiling Doors Wayne Dalton  
Metal Siding AEP Span  
Metal Panels Skyline Sheet Metal  
Elevator ThyssenKrupp  
Roofing Versico

**STATS**  
**Location**  
Kalama, Washington  
**Building Area**  
80,000 sf  
**Site**  
7.05 Acres  
**Grades**  
K-5  
**Student Capacity**  
560 Students  
**Construction Cost**  
\$33,790,000

**PROJECT TEAM**  
**Owner**  
Kalama School District  
**Superintendent**  
Eric Nerison  
**Architect / Educational Planner**  
BLRB Architects  
**Mech / Elec Engineer**  
Sazan Group  
**Civil Engineer**  
Humber Design Group  
**Landscape Architect**  
Cardno

**BLRB architects**  
**Structural Engineer**  
PCS Structural Solutions  
**Acoustical Consultant**  
Stantec  
**Food Service**  
Halliday Associates  
**Cost Estimating**  
Robinson  
**General Contractor**  
Emerick Construction Company  
**Construction Manager**  
Construction Services Group