Peter Kirk Elementary School

1312 6th Street Kirkland, WA



Project Participants

Owner: Architect: Contractor: **Civil Engineer:** Landscape Architect Structural Engineer: Mechanical/Electrical Engineer: Food Service Design: Acoustical Consultant: **Owner's Representative:**

Project Information

Grade Levels: Site Area: Floor Area: **Opening Date:** Cost / SF: Delivery Method:

Lake Washington School District Studio Meng Strazzara Lease Crutcher Lewis LPD Engineering Weisman Design Group **Coughlin Porter Lundeen BCE Engineers** JLR Group Stantec OAC Services, Inc.

K-5 15 Acres 80,138 SF September 2019 \$462/SF GC/CM

STRAZZARA



Visions for a new Peter Kirk

For active learners who thrive in more high-energy arenas, group collaboration spaces were provided blues and greens. Strategic pops of bright color add vibrancy to active spaces. throughout the school to encourage interaction and teamwork.

technologies as more advanced tools become available.

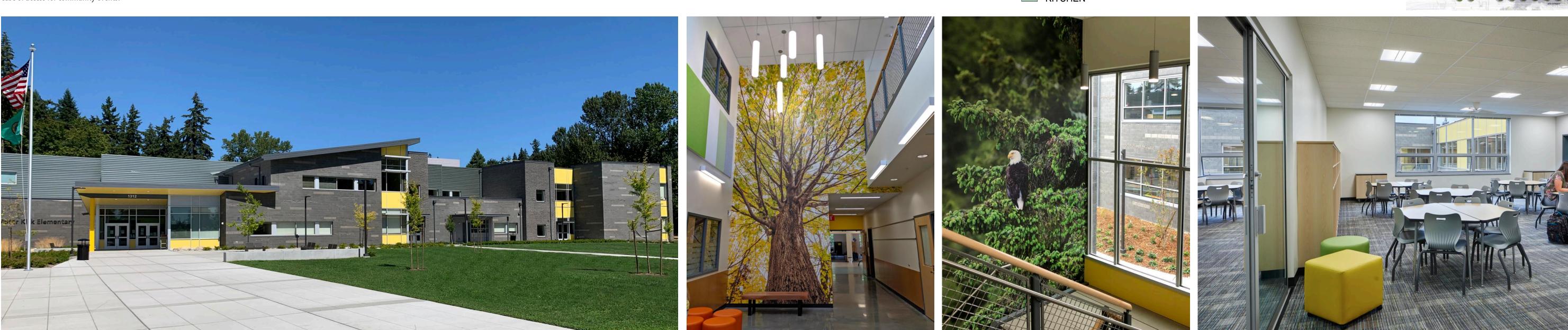
classrooms' shared walls and to the collaboration space provides added flexibility for group teaching, reclaimed wood was also utilized at the administration counter tops and hallway benches. inter-classroom and grade-level projects.

Peter Kirk's exterior spaces provide additional outdoor learning areas. Accessible by exits at each pod, the The new Peter Kirk helps to achieve Lake Washington School District's goals for "future ready" students, in and present. A School for the Community

apparent that the community had strong ties to the existing school and plenty of ideas for what should covered basketball areas. be included in the new facility. When describing the existing facility, recurring themes included active design, helping to create something familiar with the new structure.

Peter Kirk Elementary School is located in a well-established residential community, tucked into a Cross Kirkland Corridor, and site design was meant to encourage exploration of the surrounding wooded the (south) side of the school, further expanding the outdoor curriculum. area through connecting trails, while also providing another means of access for neighbors, parents, and

The school's grass play field is situated at the west boundary of the site, between the two main drive entrances to the school. The significant open space is part of a joint partnership with the City of Kirkland, encouraging community use and interaction. The play field is accessible from both parking lots, providing ease of access for community events.



Physical Environment

Guided by the mission of the school and the goal of the district for "every student future ready" the Taking a cue from the site and the natural environment, the spaces within the school cultivate calmness new Peter Kirk encompasses a diverse mix of spaces, both active and quiet, for student and staff use. and welcome. Windows throughout provide an abundance of natural light and views to the outdoors, Providing students plenty of options for peace and calm in tucked-away nooks or separate work rooms while graphic representations of nature also included in interior common areas help to create a sense was important for learning styles that require minimal distraction, focus, and introspective thought. of being "in the trees". The interior color palette uses warm natural materials with contrasting shades of

To reduce the environmental impact of the project, over 30 geothermal wells are used to efficiently Technology was a key component in the classrooms, as we move toward more technology-based learning generate heat and cool the building. On the roof, the building is ready for future installation of photovoltaic every day. Each classroom includes interactive white boards and is wired to incorporate changing panels to produce solar power. Throughout the school, energy efficient fixtures and lighting were utilized, as well as the addition of ceiling fans for cooling in the warmer months.

Supporting the school's curriculum, the final configuration includes classroom pods organized by grade. To further minimize the footprint of the new school, materials were salvaged from an old house on the Each pod contains five class spaces around a shared collaboration area, providing a dedicated space for site that was removed prior to construction. Boards and beams from the house were transformed into each classroom to interact with one another within the pod. The use of sliding glass doors between the the library desk area, with decorative paneling reaching the ceiling, linking the old with the new. The

Results

outdoor spaces include seating options and level greenspace for outdoor teaching opportunities. Native, a collaborative and hands-on learning environment. The diverse mix of spaces provides areas for different low impact plants were selected as not only a sustainable choice, but as a nod to the natural environment learning and teaching styles, ensuring students are able to feel comfortable and safe knowing there's and history of the site, providing opportunities for teaching and drawing connections between the past a place for them. Incorporating technology into all of the school's learning areas assures the facility is "wired" for success, enabling students to use tech in everyday lessons and future-ready for evolving teaching philosophies.

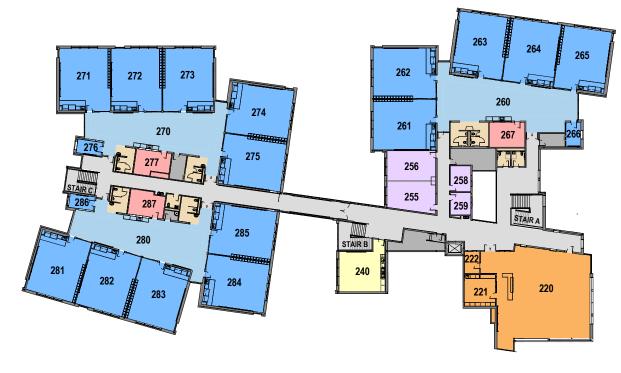
Kirkland is a community with active resident participation, as such, the community engagement portion Through enhancing the school site's connection to the Cross Kirkland Corridor and the shared green space of the project was integral to the early design process for the new Peter Kirk. To gather important data in partnership with the city of Kirkland, the community is able to interact with the new Peter Kirk in a to inform the design of the new school, a representative group of District staff, teachers, administration, way that is organic and unfettered. Community events are held on the school's green space and it is not parents, students and community members were engaged. Through multiple workshops, it was uncommon for neighborhood families to visit Peter Kirk to utilize the playfields, play structures, and

spaces, a collaborative spirit, and a student-centered ethos. These themes were incorporated into the In light of COVID-19, the adaptable spaces were utilized to provide proper social distancing for students, in accordance with CDC guidelines. The collaboration spaces also provided students additional safety when returning to in-person learning.

wooded site. Reinforcing the wooded character of the existing school's setting which was important While the inclusion of significant outdoor green space provided an opportunity outdoor learning, to community members and parents. Because of this, the existing vegetation was used to enhance the the school was able to broaden outdoor learning opportunities after occupying the school. With the site, acting as a screen from the surrounding community and residences. The school is adjacent to the expansive outdoor spaces, the Peter Kirk Parent-Teacher Association was able to install raised planters on







SECOND FLOOR PLAN

- ADMINISTRATION ART / SCIENCE / MUSIC CLASSROOMS / CORE INSTRUCTION **CIRCULATION** COMMONS GYM KITCHEN
- LIBRARY RESTROOMS SHARED LEARNING SPECIAL SERVICES TEACHER PREP UTILITY / STORAGE

