

2015 Exhibition of School Planning and Architecture

Roosevelt Middle School

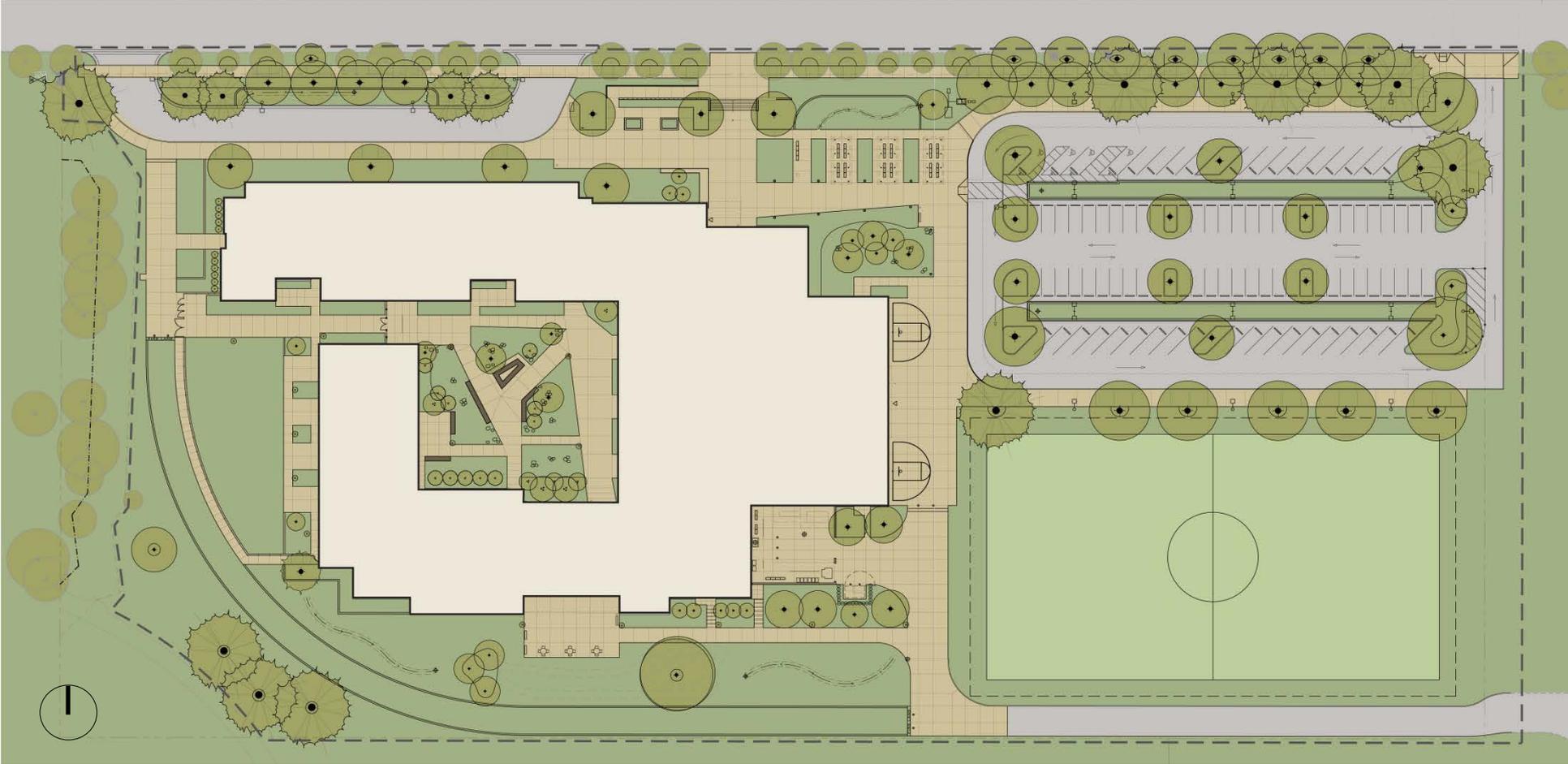
Eugene School District, Eugene, Oregon



Roosevelt Middle School



Roosevelt Middle School



Community Environment



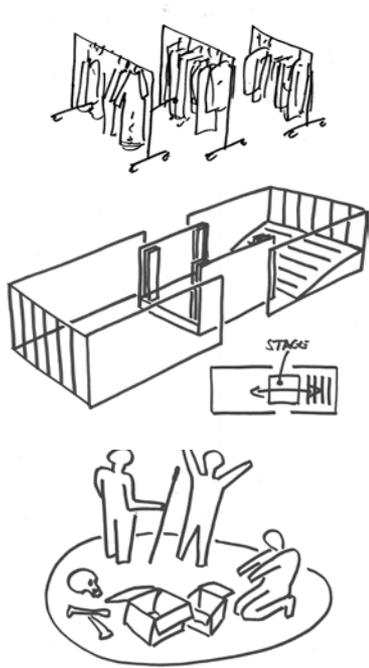
During the educational specification process it was determined that the new school shall support and foster the following cultural traditions in order to continue the social structure of the existing Roosevelt MS community:

“Looping” describes a process where students arrive up to 30 minutes before the start of school and through the hallways of the existing school. Students will spontaneously gather in small groups when encountering peers.

“House” is the term that describes the strong culture of mentorship and personal relationship between every student and one assigned teacher who will guide the student through the 6th, 7th and 8th grade experience. This teacher becomes a person of trust and is able to offer advice in academic as well as personal matters due to his or her strong relationship with the student and the student’s guardians

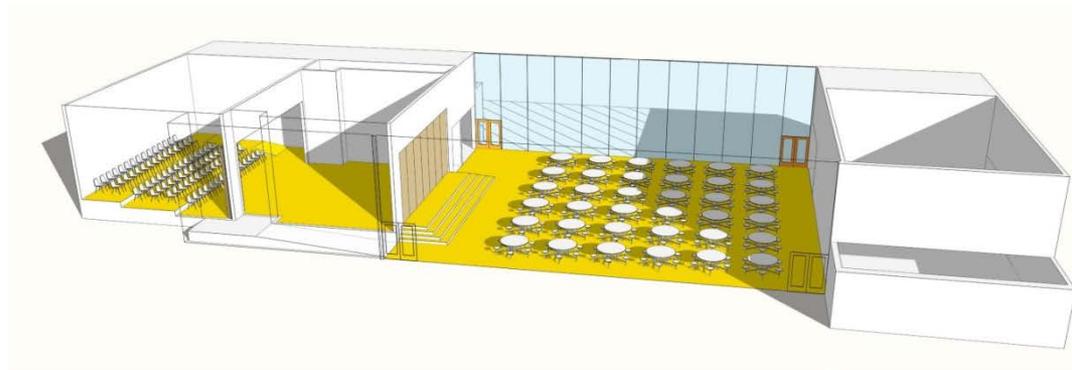
“Student Choice” is one of the hallmarks of Roosevelt Middle School. The school reflects on a long history of offering students and their parents a voice in planning the courses they take in their middle school years. These sessions require multiple student-parent-teacher meetings throughout the year and spaces to hold these meetings.

Community Environment

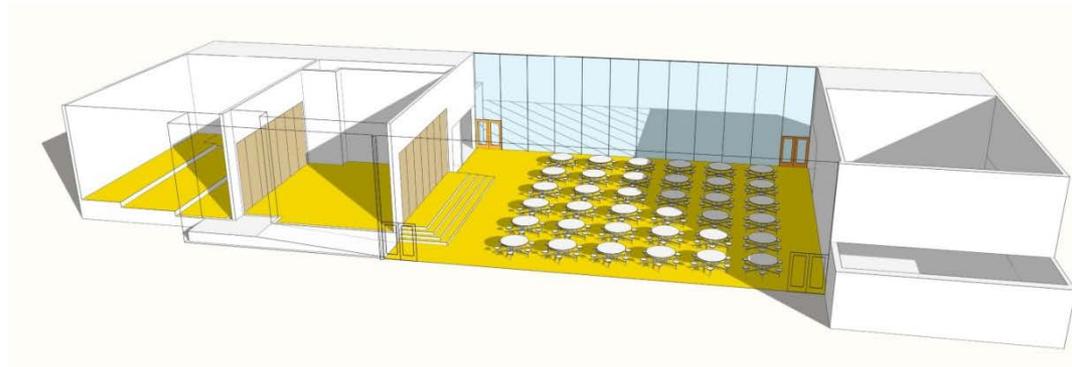


The existing Roosevelt MS featured a 90 seat black-box theater reflecting a strong interest in the performing arts. Parents create costumes, students construct sets and performances are celebrated community events. Since the original construction budget did not include an allowance for this highly valued community asset, we created the culture hub: A flexible performance venue that accommodates a variety of events through combinations of the choir, drama and cafeteria space.

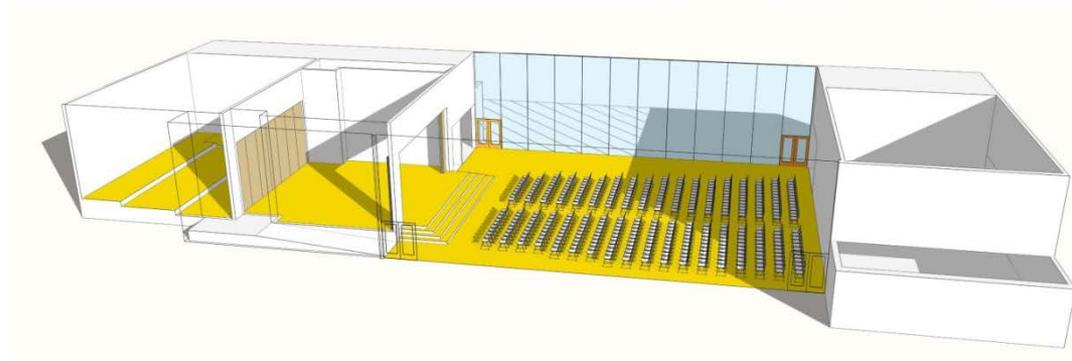
BLACK-BOX THEATER / LUNCH



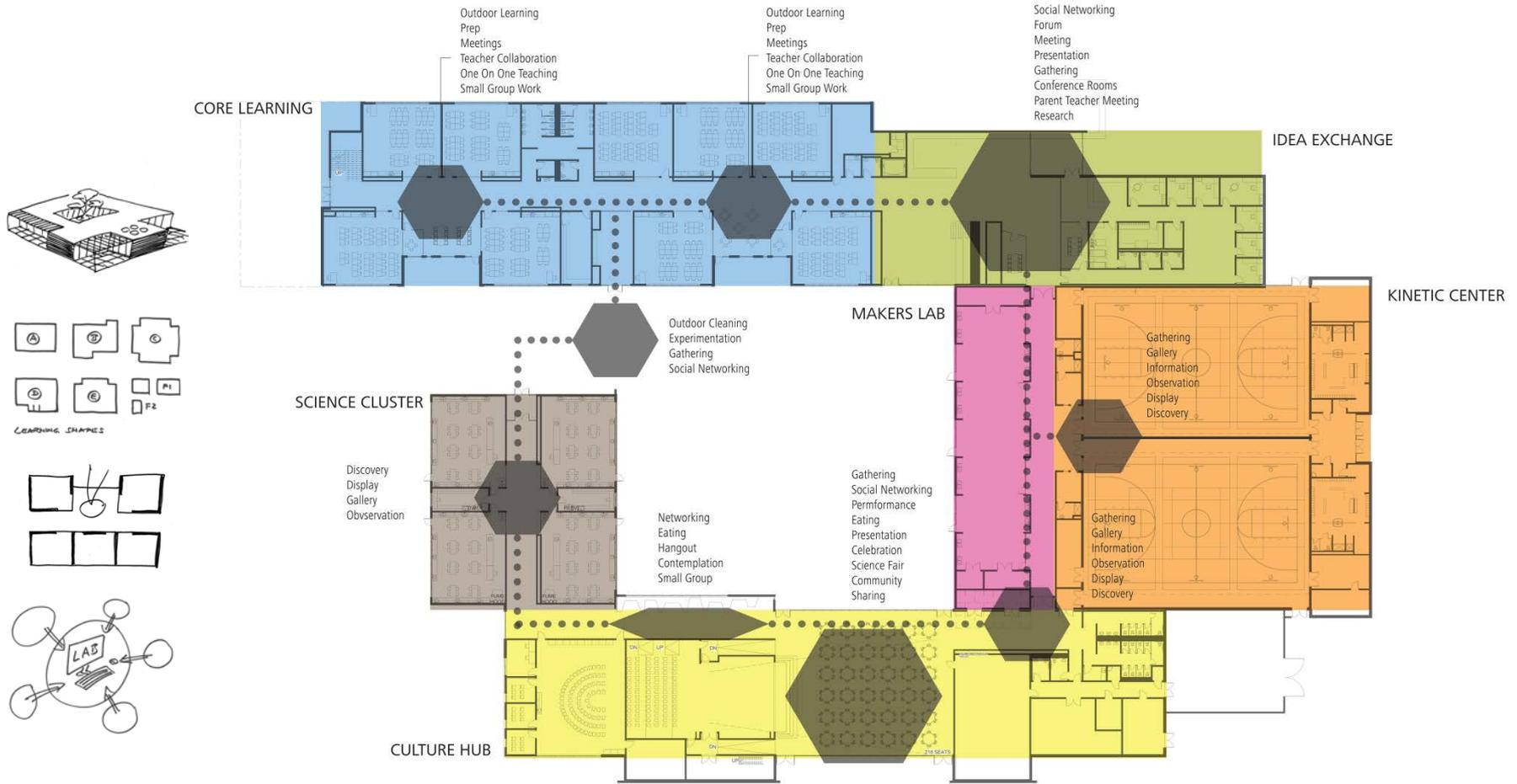
CHOIR / DRAMA / LUNCH



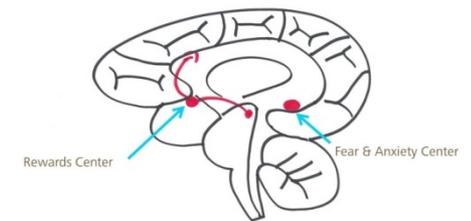
CHOIR / PERFORMANCE



Learning Environment

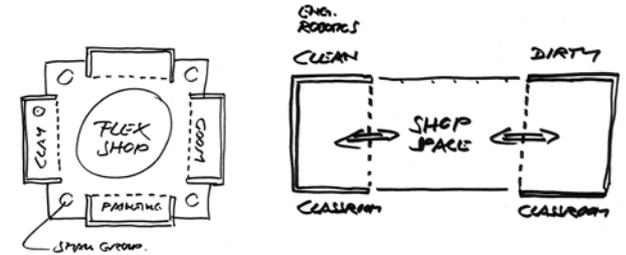


The teenage learner experiences rapid development intellectually, socially, emotionally and physically. Since teenage behavior is governed by the “emotional brain,” Roosevelt Middle School will provide strong social-emotional connections at different scales ranging from the learning studio community, to the school community and the community of Eugene. The new facility will achieve this goal by providing a wide range of learning settings which are accessible from the internal circulation loop.

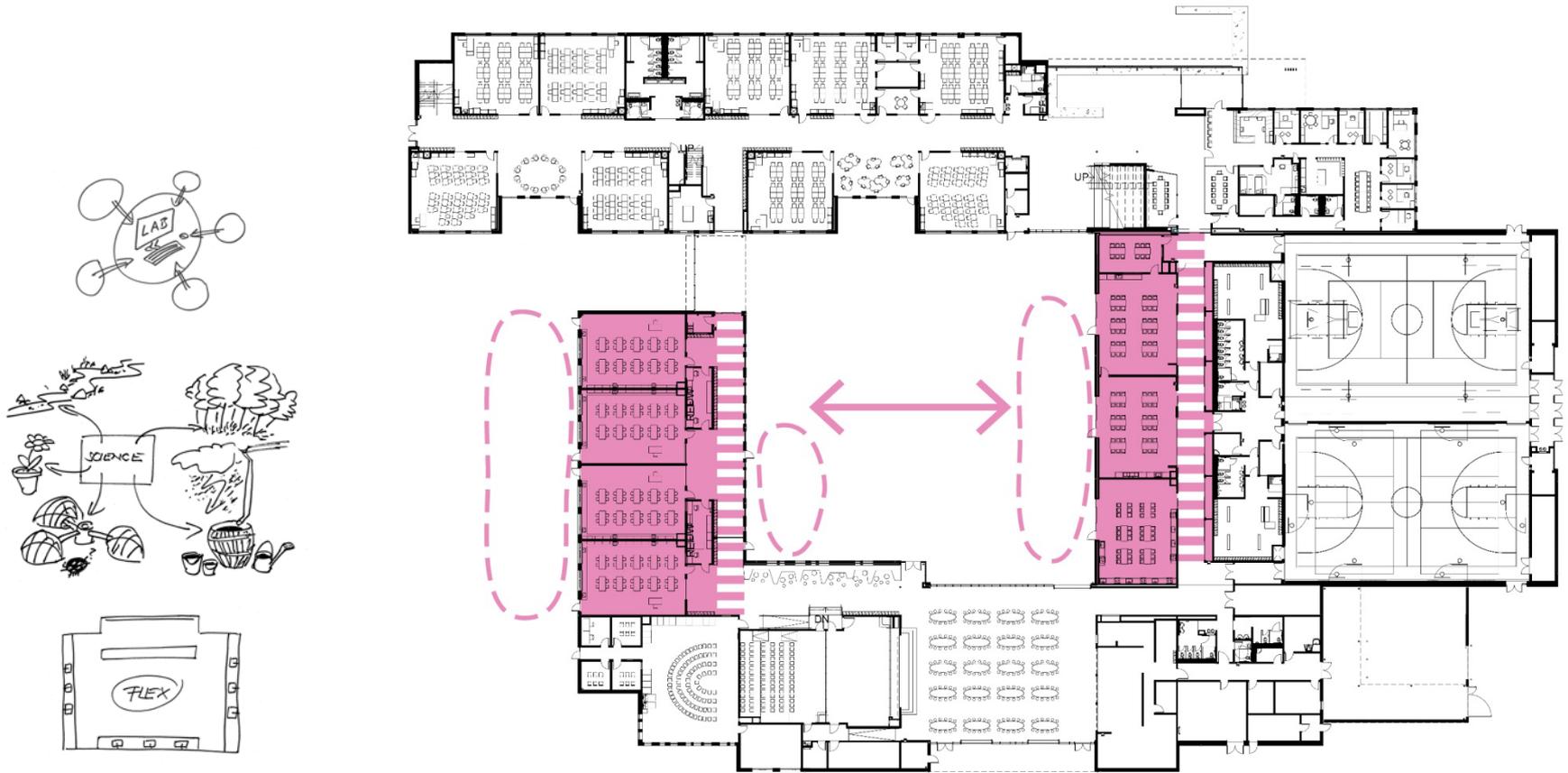


Learning Environment

“Hands-on” learning is highly valued and finds programmatic expression in the offering of art, wood-shop, home education and other elective programs aimed at providing early career training. Since the ability to offer these electives depends on staff interest as well as budgetary constraints, the district challenged the design team to create spaces which offer necessary utilities and infrastructure for STEAM related programs which are flexible over time.



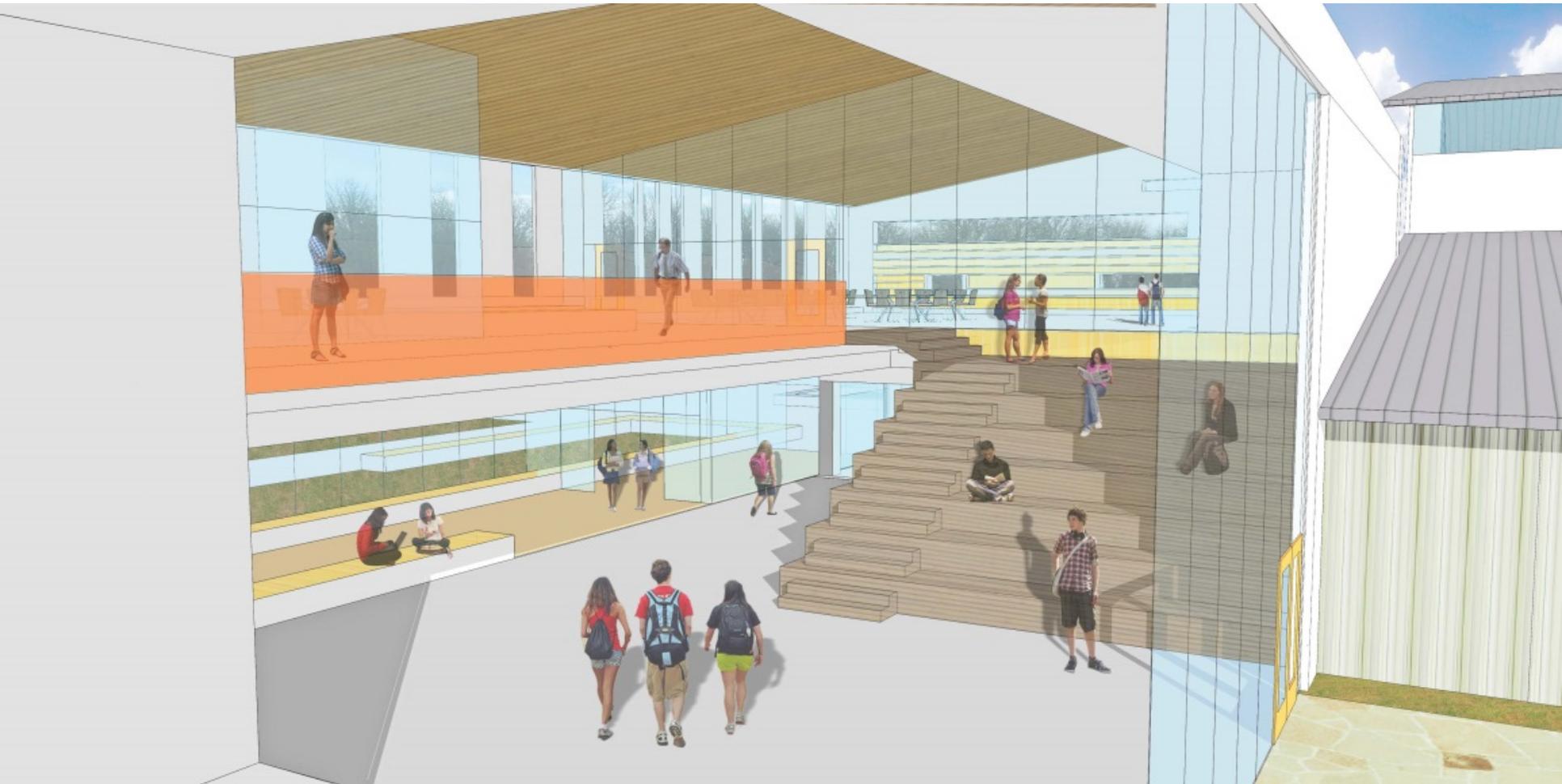
Learning Environment



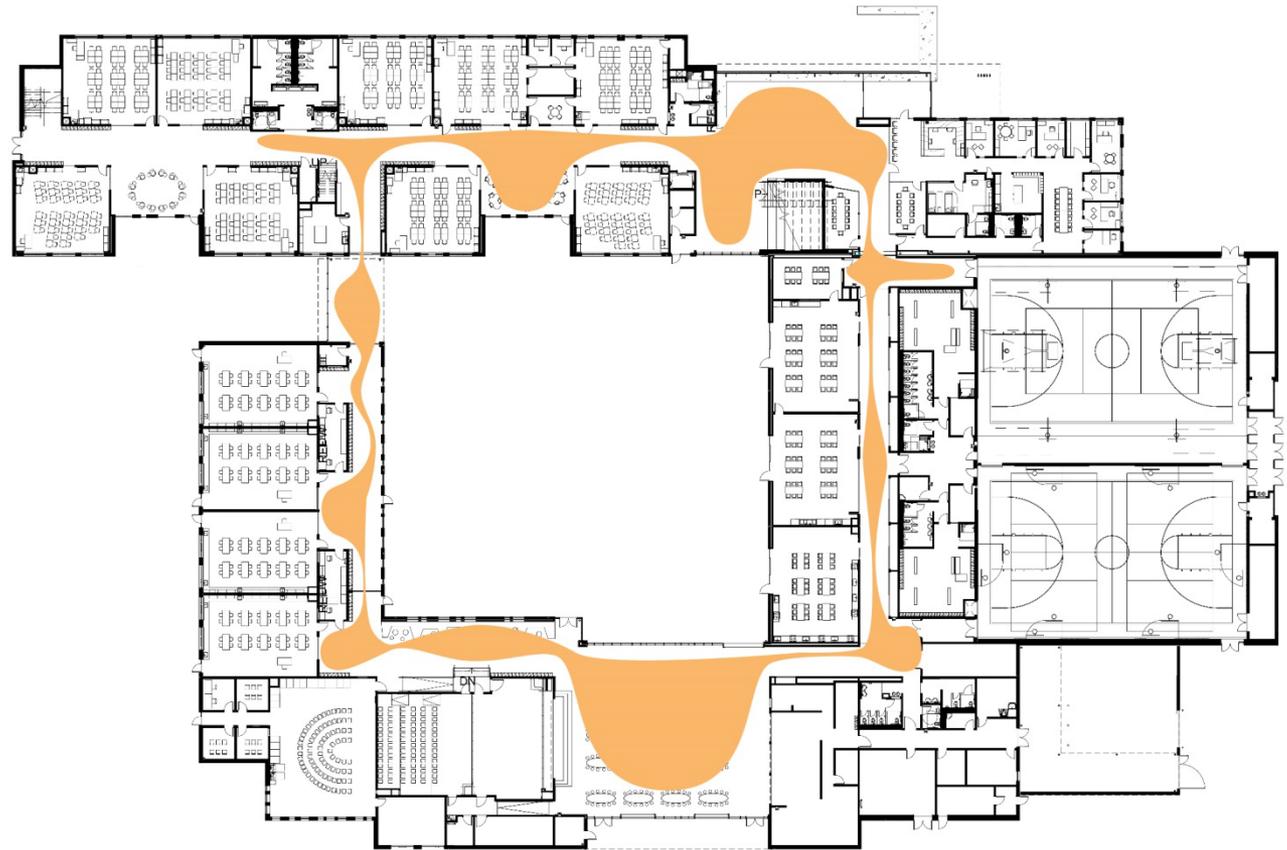
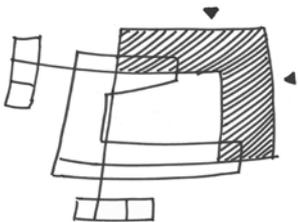
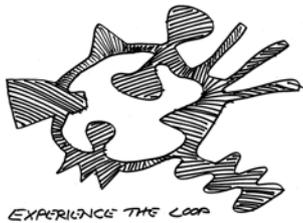
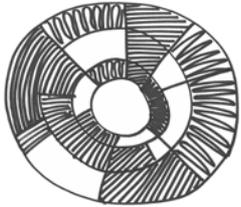
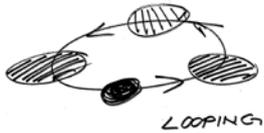
The result was the “Makers Lab”: A multi-purpose high bay space which can be subdivided into several labs. All necessary infrastructure is consolidated on the long east and west walls while the north south divisions are flexible enough to be adjusted for various program needs over the life of the building. A highly transparent separation between the lab and the circulation space will allow the entire school community to peek-in and observe the makers activities. Large overhead doors allow activities to spill out into the courtyard to the west and allow activities to bridge over into the science wing. The hallway to the east features large display space allows sharing of project blue-prints and progress updates.

Learning Environment

Collaboration - In order to support Roosevelt Middle School's culture of "interaction", the new school will provide a multitude of spaces where students, teachers and parents can meet, collaborate, exchange observations or simply take a moment to re-energize. While space is precious, some of the most fruitful interactions between people happen by chance and certain spaces do a great job of bringing people together. Adding a whiteboard, bulletin board, coffee table and some periodicals to a break room will enhance interaction. Whiteboards in public spaces form focal points for conversation and chance meetings.



Physical Environment



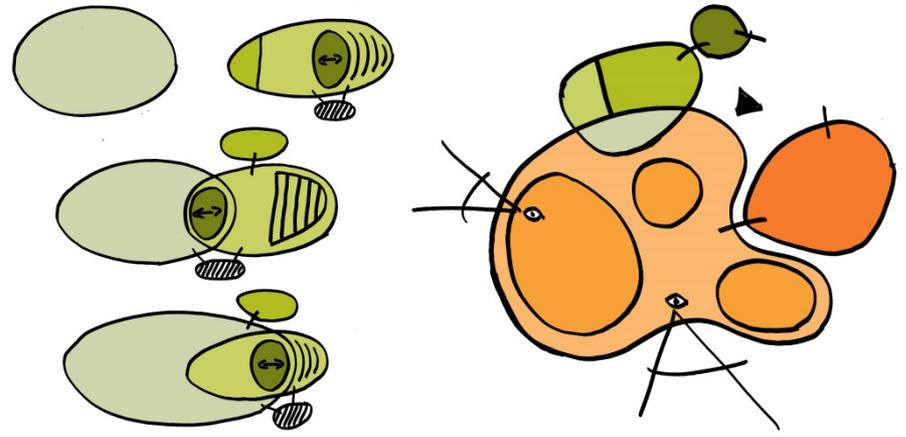
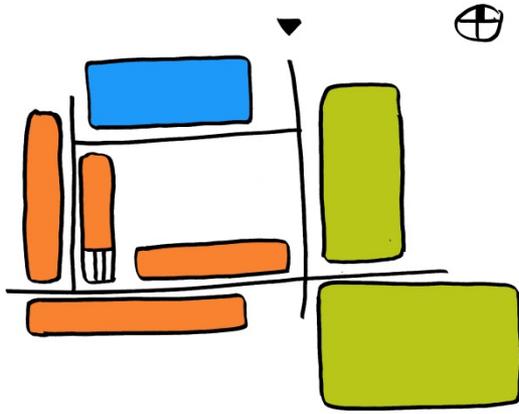
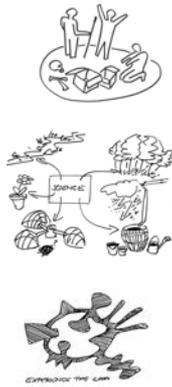
During the educational specification process we learned about a specific cultural tradition called “Looping”, which describes a process where students arrive up to 30 minutes before the start of school and walk either clockwise or counter clockwise through the hallways of the existing school. Students will spontaneously gather in small groups when encountering peers. This is a broadly appreciated important aspect of social networking for the student body and resulted in circular layout of the school which locates all collaboration and socializing spaces adjacent to the loop.

Physical Environment



The material palette of the Roosevelt replacement middle school reflects the two main cultural values of the city of Eugene, Oregon: A high degree of environmental awareness and a high regard for academic and athletic achievement. An organic shape range and multi-colored palette of brick reflects on the local earthy-ness and hopes to instill the love of all things natural into the student body while the silvery, sharp looking volumes clad in a carefully folded metal skin nods toward the academic ambitions of students and parents in a neighborhood where nearly every second family is connected to the University of Oregon. A range of bright accent colors inspires the teenage mental state and create excitement about this engaging learning environment.

Planning Process



While the Education Specification defined the programmatic, functional, spatial and environmental requirements, a Design Advisory Committee (DAC) was established to engage in a collaborative dialogue to guide principles, pedagogical direction, community integration parameters and help refine the design concept to the specific needs of the program. The team included the school's principal, representative school teachers, parents and neighborhood community members. A series of visioning and design charrettes - along with tours of comparable schools - helped guide this process. Through these discussions ideas emerged regarding the ideal learning environment.

The process of "graphically recording ideas" in small sketches created a record accessible to all DAC members. The team referred to even throughout the challenging VE process.



First Level Floor Plan



DEPARTMENT LEGEND

- CLASSROOM
- COLLABORATION SPACES
- PHYSICAL EDUCATION
- SPECIALTY TEACHING SPACES
- COMMONS
- ADMINISTRATION
- KITCHEN
- SERVICE SPACES
- CIRCULATION
- MEDIA CENTER



Second Level Floor Plan



DEPARTMENT LEGEND

- CLASSROOM
- COLLABORATION SPACES
- PHYSICAL EDUCATION
- SPECIALTY TEACHING SPACES
- COMMONS
- ADMINISTRATION
- KITCHEN
- SERVICE SPACES
- CIRCULATION
- MEDIA CENTER

Exhibition of School of Planning and Architecture Project Data

Submitting Firm :	Mahlum Architects, Inc
Project Role	Architect (Design Lead)
Project Contact	David Mount
Title	Principal
Address	71 Columbia, Floor 4
City, State or Province, Country	Seattle, WA 98104, USA
Phone	206.441.4151

Joint Partner Firm:	Not Applicable
Project Role	Robertson Sherwood Architects PC
Project Contact	Jim Robertson
Title	Owner
Address	132 East Broadway – Suite 540
City, State or Province, Country	Eugene, OR 97401, USA
Phone	541.342.8077

Other Firm:	Not Applicable
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Construction Firm:	Not Applicable
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Exhibition of School of Planning and Architecture Project Details

Project Name	Roosevelt Middle School
City	Eugene
State	Oregon
District Name	Eugene School District
Supt/President	Dr. Sheldon Berman
Occupancy Date	NA (In Construction)
Grades Housed	6, 7, 8 Grade
Capacity(Students)	660
Site Size (acres)	15 acres
Gross Area (sq. ft.)	96,800 SF
Per Occupant(pupil)	146 SF
gross/net please indicate	
Design and Build?	In construction
If yes, Total Cost:	MACC \$28,710,00
Includes:	
If no,	
Site Development:	
Building Construction:	
Fixed Equipment:	
Other:	
Total:	