

Schematic Design



Bellingham Public Schools New District Office

*Design Advisory Committee
January 12, 2021*

Today's Agenda

- | | |
|-----------------------------|--------|
| 1. Welcome | 5 min |
| 2. Conceptual Design Review | 15 min |
| 3. Schematic Design | 45 min |
| • Site Design | |
| • Building Design | |
| • Space Planning | |
| 4. Break | 5 min |
| 5. Sustainability Strategy | 20 min |
| • WSSP | |
| • Health + Wellness | |
| 6. Discussion | 15 min |
| 7. Next Steps | 10 min |
| 8. Closing | 5 min |

Where we are in the Process

BPS New District Office Review & Decision Matrix for Project										
End of Phase 1	Schematic Design 50% Phase 2		Schematic Design 90% Phase 2		Design Development 50% Phase 2		Design Development 100% Phase 2		Construction Docs 50% Phase 2	
End of September 9/22/2020 End of Phase Sign-off (October)	Approval Responsibility	Today's Meeting		Mid Jan DAC Mtg 6 Sign-off (Feb 1)	Approval Responsibility	End of March	Approval Responsibility	Mid May DAC Mtg 7 End of Phase Sign-off	Approval Responsibility	Mid July
Macro Program		Macro Program		Macro Program		Macro Program		Macro Program		Macro Program
Massing Studies		Massing Studies		Massing Studies		Massing Studies		Massing Studies		Massing Studies
Adjacencies		Adjacencies		Adjacencies		Adjacencies		Adjacencies		Adjacencies
Circulation Studies		Circulation Studies		Circulation Studies		Circulation Studies		Circulation Studies		Circulation Studies
Building Concept		Building Concept		Building Concept		Building Concept		Building Concept		Building Concept
Cost model (concept)		Cost Model (concept)		Cost Model (concept)		Cost Model (concept)		Cost Model (concept)		Cost Model (concept)
Concept Space plan'g		Concept Space plan'g		Concept Space plan'g		Concept Space plan'g		Concept Space plan'g		Concept Space plan'g
Structure developm't		Structure developm't		Structure developm't		Structure developm't		Structure developm't		Structure developm't
Bldg Systems outline		Bldg Systems outline		Bldg Systems outline		Bldg Systems outline		Bldg Systems outline		Bldg Systems outline
Site Design		Site Design		Site Design		Site Design		Site Design		Site Design
Sustainability Goals		Sustainability Goals		Sustainability Goals		Sustainability Goals		Sustainability Goals		Sustainability Goals
Exterior aesthetic vision		Exterior aesthetic vision		Exterior aesthetic vision		Exterior aesthetic vision		Exterior aesthetic vision		Exterior aesthetic vision
Landscape aesthetic vision		Landscape aesthetic vision		Landscape aesthetic vision		Landscape aesthetic vision		Landscape aesthetic vision		Landscape aesthetic vision
Space plan develop		Space plan develop		Space plan develop		Space plan develop		Space plan develop		Space plan develop
Interior aesthetic vision		Interior aesthetic vision		Interior aesthetic vision		Interior aesthetic vision		Interior aesthetic vision		Interior aesthetic vision
Workspace standards		Workspace standards		Workspace standards		Workspace standards		Workspace standards		Workspace standards
Micro program		Micro program		Micro program		Micro program		Micro program		Micro program
Lighting concept		Lighting concept		Lighting concept		Lighting concept		Lighting concept		Lighting concept
MEP development		MEP development		MEP development		MEP development		MEP development		MEP development
A/V development		A/V development		A/V development		A/V development		A/V development		A/V development
Wayfinding concepts		Wayfinding concepts		Wayfinding concepts		Wayfinding concepts		Wayfinding concepts		Wayfinding concepts
Int Elevations		Int Elevations		Int Elevations		Int Elevations		Int Elevations		Int Elevations

Conceptual Design Review

Design Precepts:

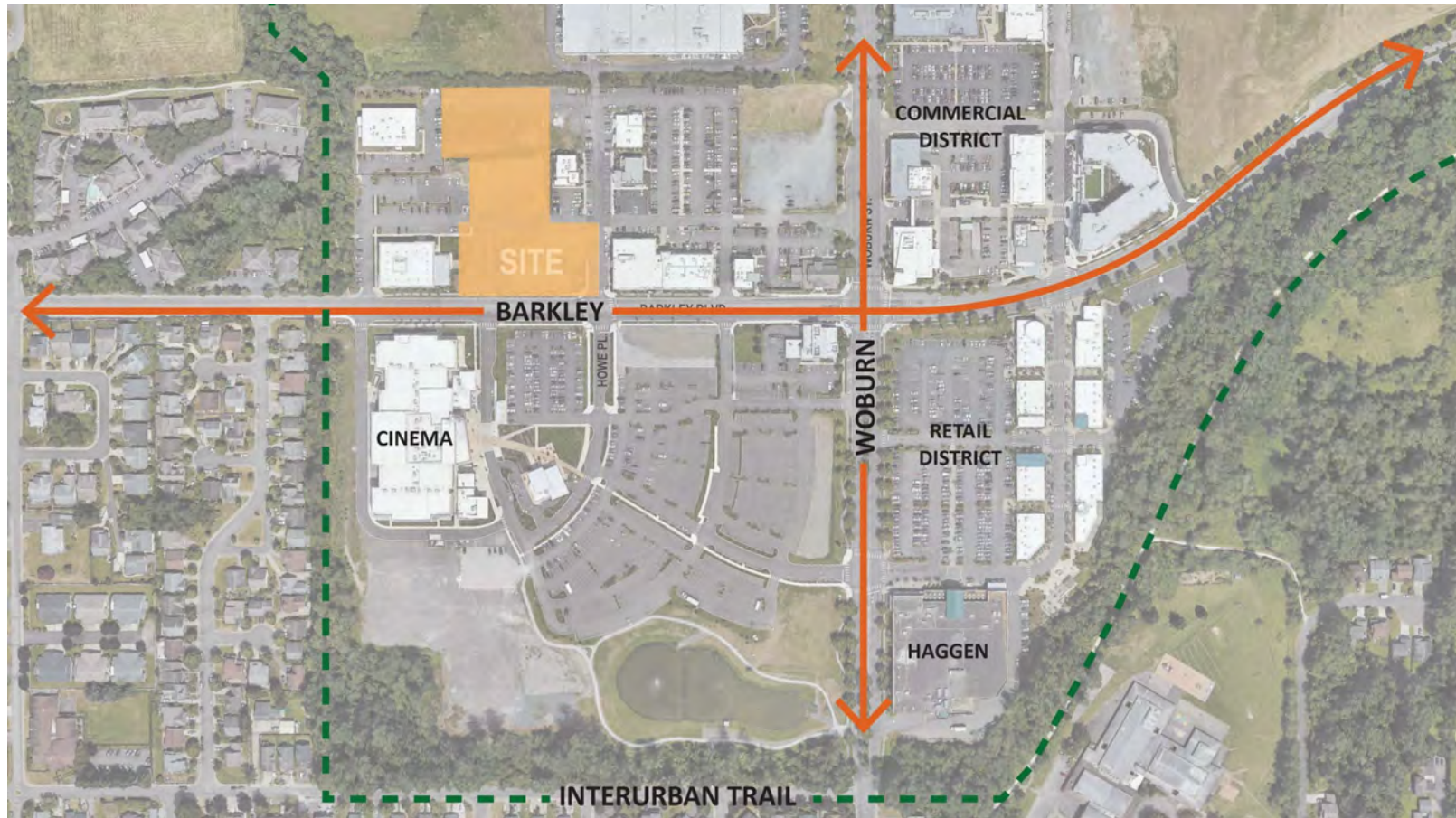
pre·cept
/ˈprē,sept/ *Noun*

Definition: a general rule intended to regulate behavior or thought.

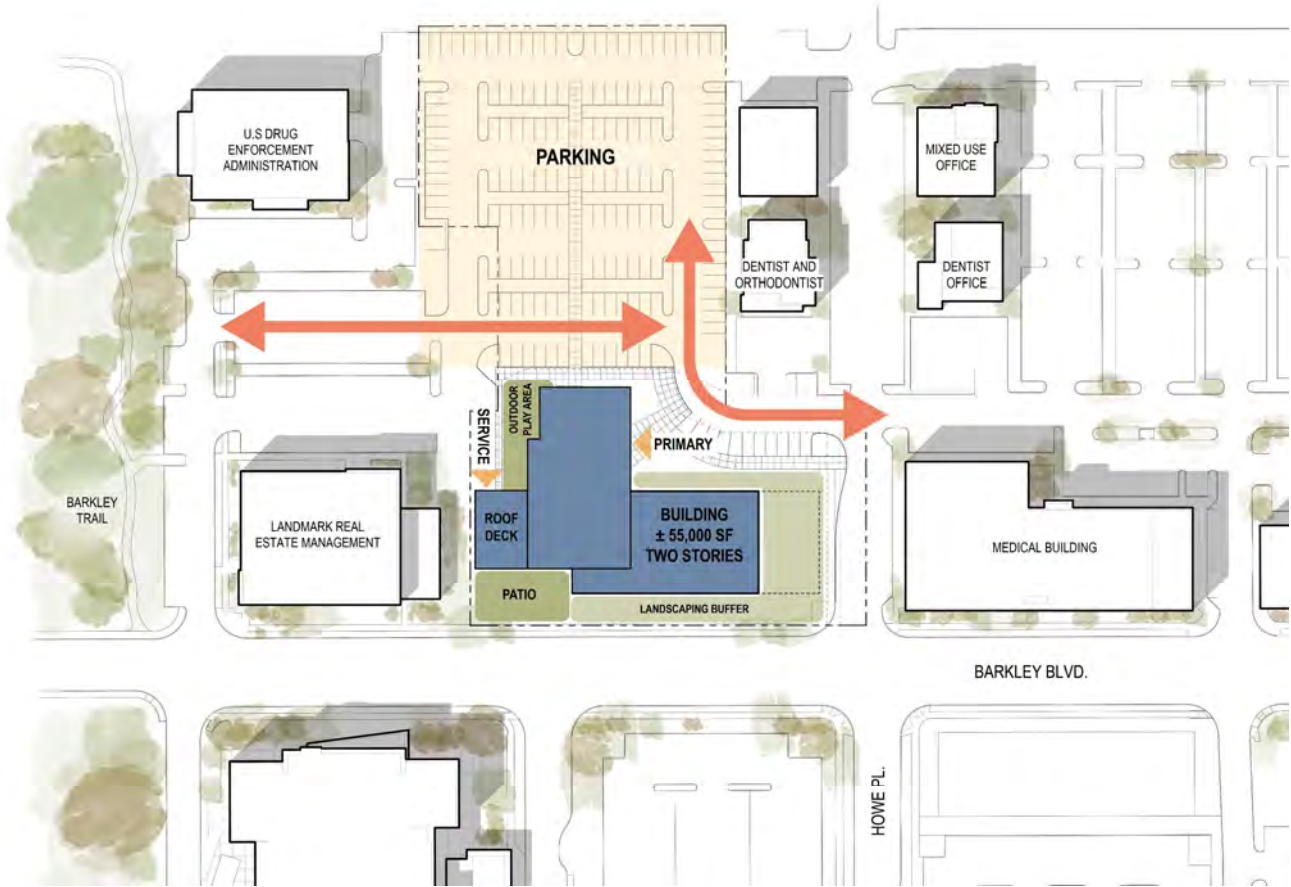
BPS New Administration Building Vision: A place that embodies the investment the community has made in education and all that it stands for – creating knowledge in its community, building character, and preparing the next generation to take action in the world

Workplace	Expression	Outdoor Environment (Landscape)	Health, Wellness, Sustainability	Technology	Stewardship (Cost + Value)
Community & Connection: a welcoming space that brings our staff, students, families, and community partners together	Belonging, Warmth and Welcoming: express the love and inclusive nature of our culture; reinforce all are welcome here	Outdoor Program: outdoor meeting areas, pathways, and flexible activity areas for employees; play area for children	Encourage healthy choices: design elements that encourage or enhance physical and psychological health	Mobility: Infrastructure & technology that enables employee mobility	Balanced Stewardship: design for utility and functionality; look for ways to provide service to the community through design
Learning & Collaboration: a space that encourages learning from each other, the presence of great collaborative spaces	Presence of children: they are the heart of our work; space for children & the artifacts of their learning visible throughout	Garden: provide a garden space for vegetables and herbs	Sustainability Standard: Meet or exceed standards of the Washington State Sustainable Schools Protocol (WSSP)	Remote Work: Spaces and technology that support increased remote work and itinerant district employees	Education: Capture, communicate, and display our sustainable & health metrics with the community & visitors
Innovation: an environment that encourages trust building and diversity to allow new ideas to flourish	Humble: we are part of the learning ecosystem	Awareness of Trails: reference the adjacent walking trails	Wellness: Promote and integrate Wellness strategies to optimize health for building occupants	Leverage technology: infrastructure & systems to capture professional learning for distribution across the district	Community Engagement: Meeting spaces are a community amenity in addition to the district's professional learning center
Daylight Access: prioritize daylight access for all	Storytelling: provide ways to tell the stories of our students and families	Open yet Secure Building: provide security in the building while maintaining an open, friendly environment	Social Sustainability: develop the heart of the building promoting attitudes of fairness, acceptance, and civic responsibility.		Flexibility: design the physical environment with future adaptability in mind

Site Context

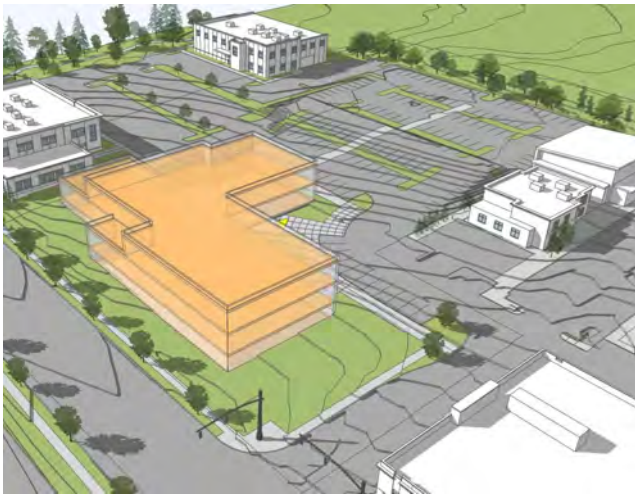


Selected Site Option



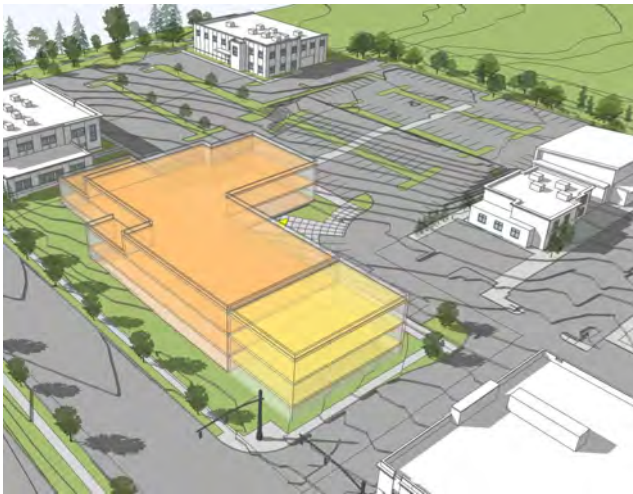
Site Option

- Relocated access road allows more site area
- More landscaped area provided
- Building entry on east side
- Better visual orientation to building entry
- More interesting building form

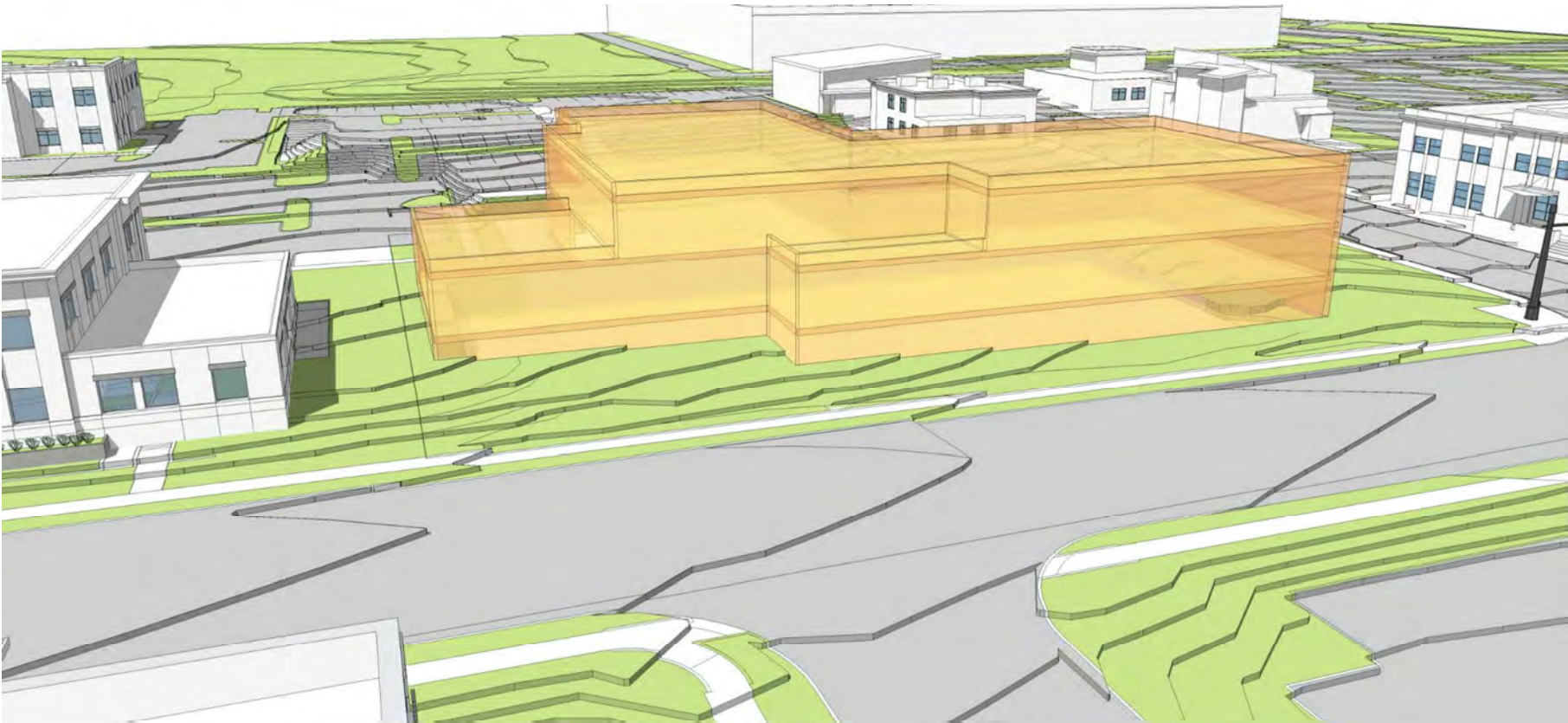


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Massing Model



Concept Design



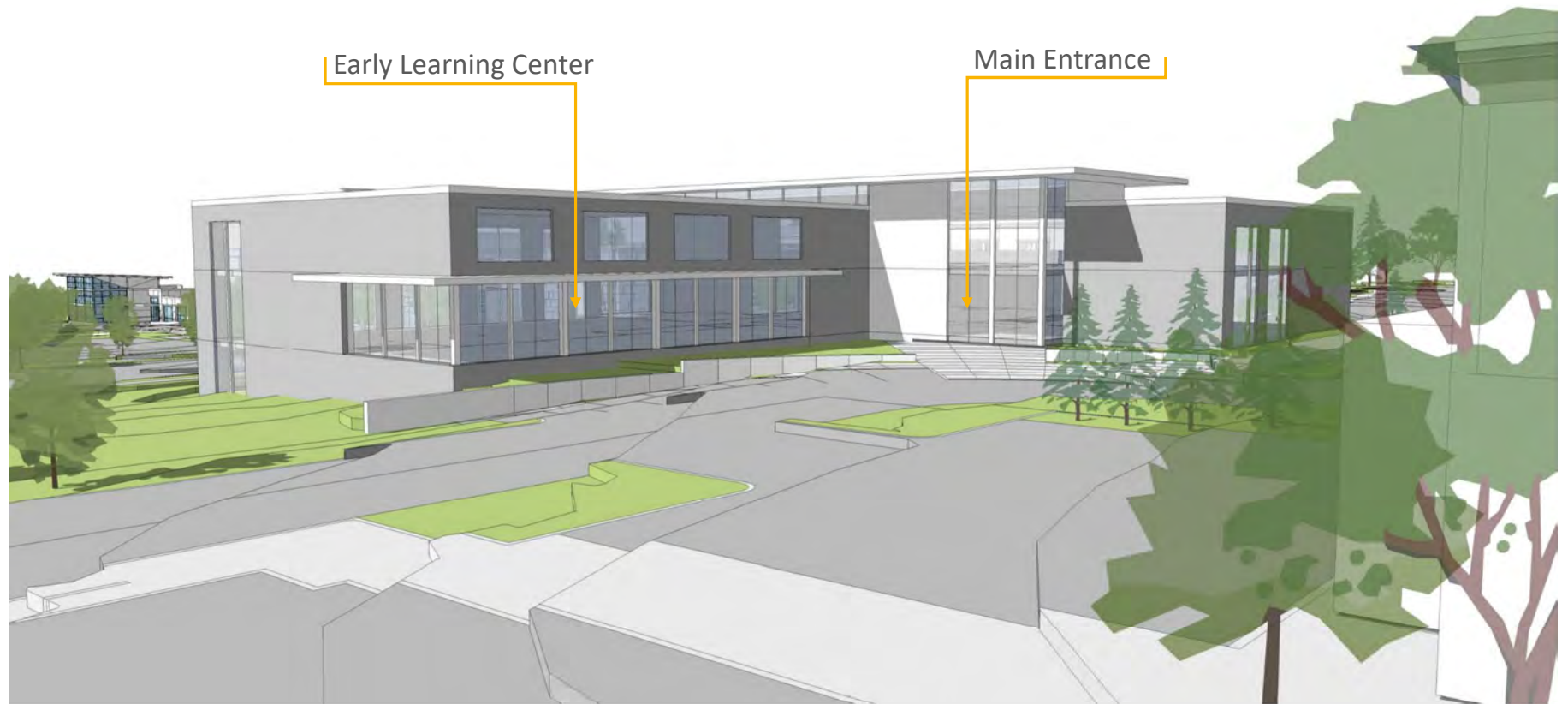
Concept Design



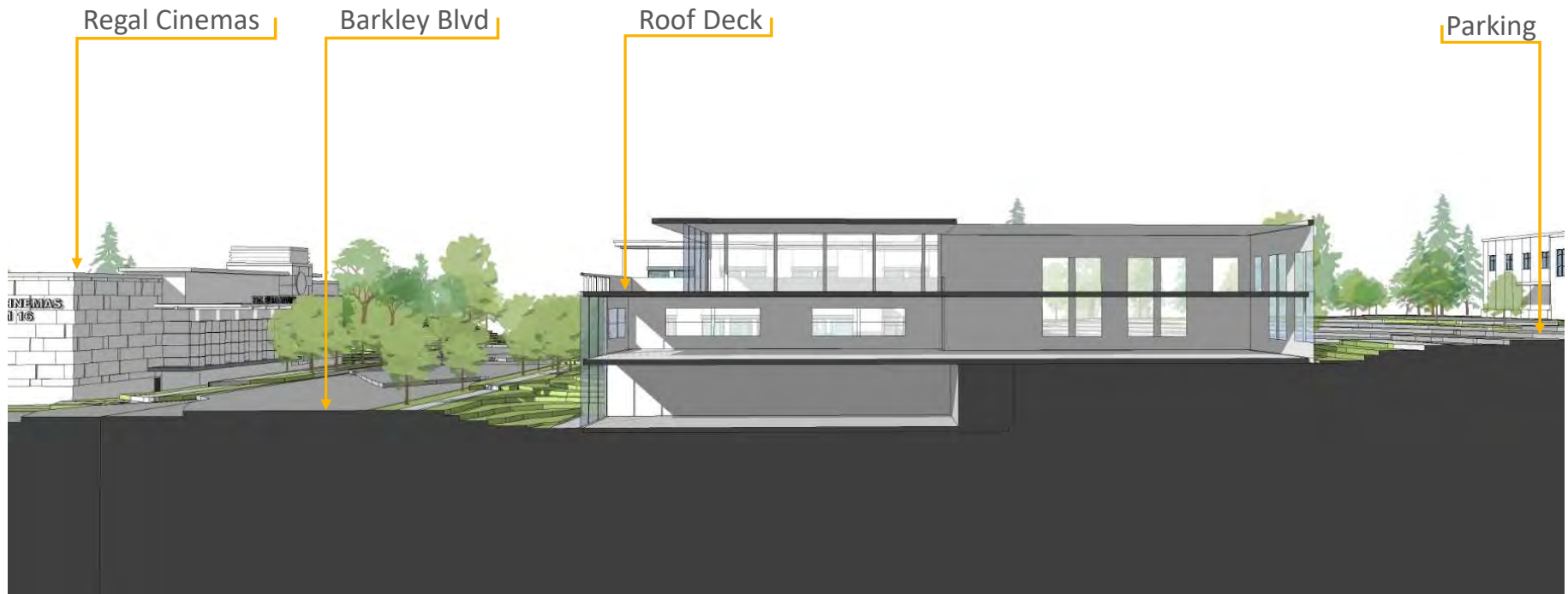
Roof Terrace

Increased Landscaping

Concept Design



Concept Site Section



Cross-Laminated Timber



Photo: Ema Peter

STRUCTURAL SOLUTIONS | POST, BEAM + PLATE

Cross-Laminated Timber



Schematic Design - Exterior

Site Design



Site Design



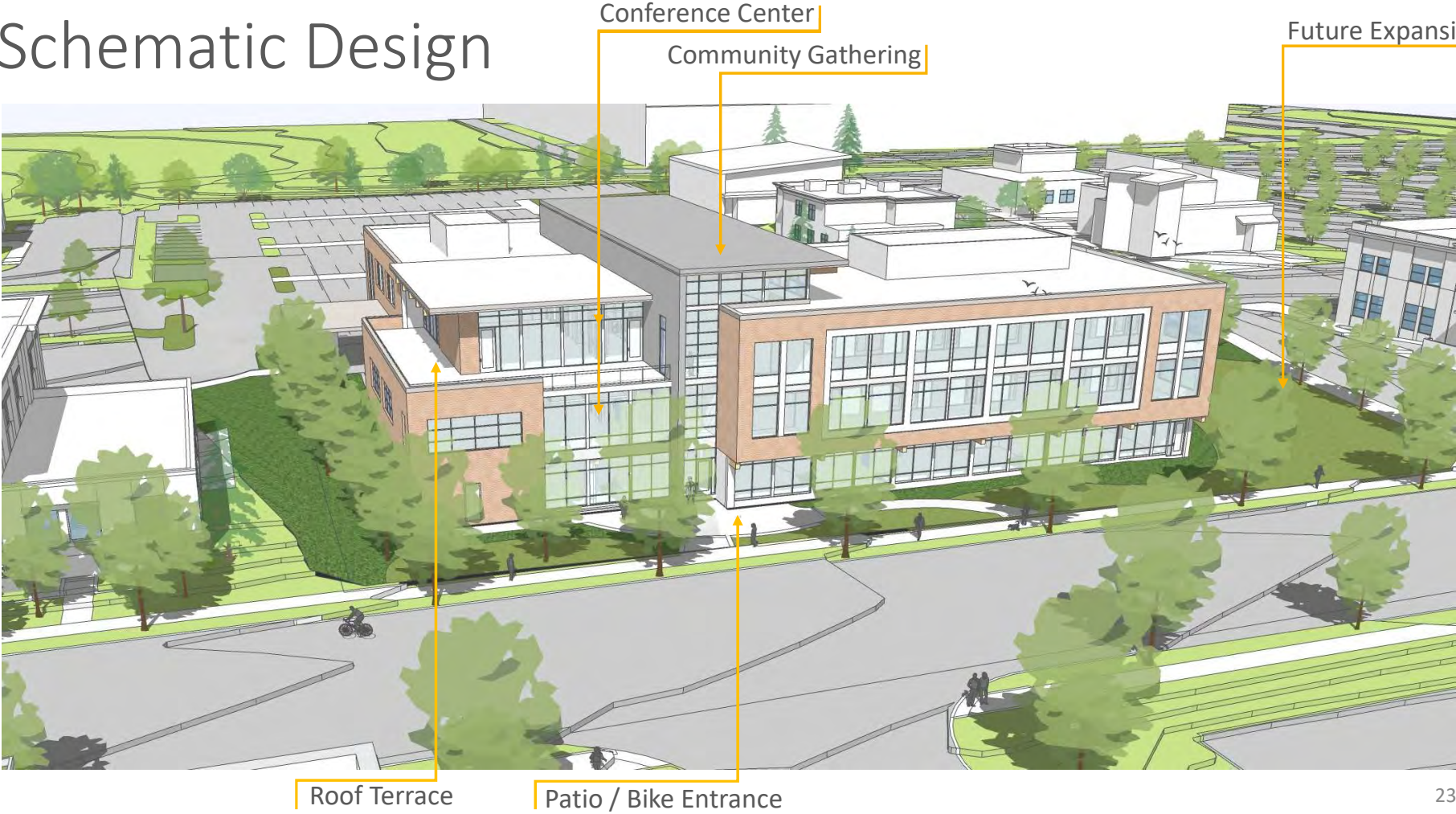
Concept Design



Schematic Design



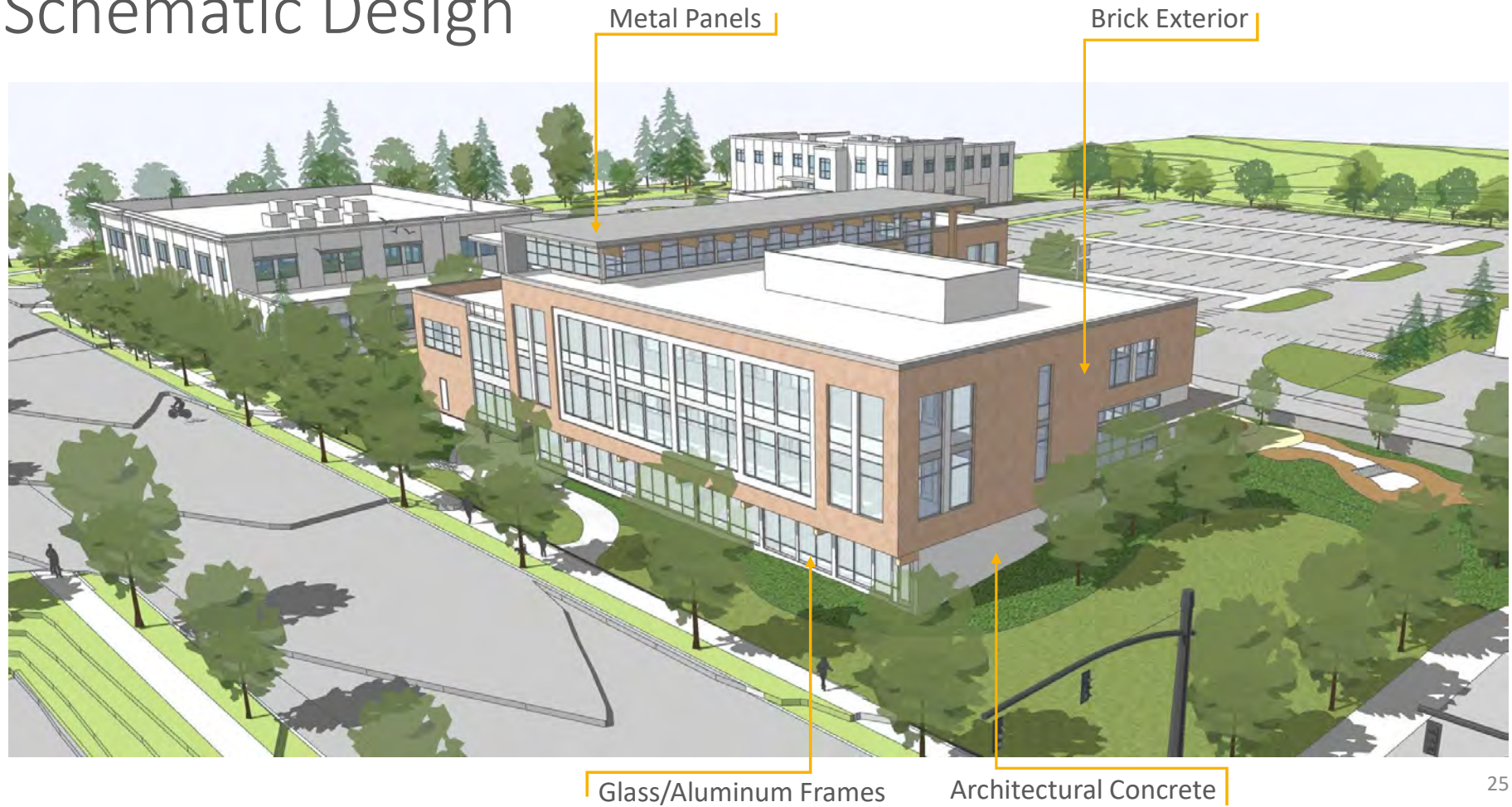
Schematic Design



Schematic Design



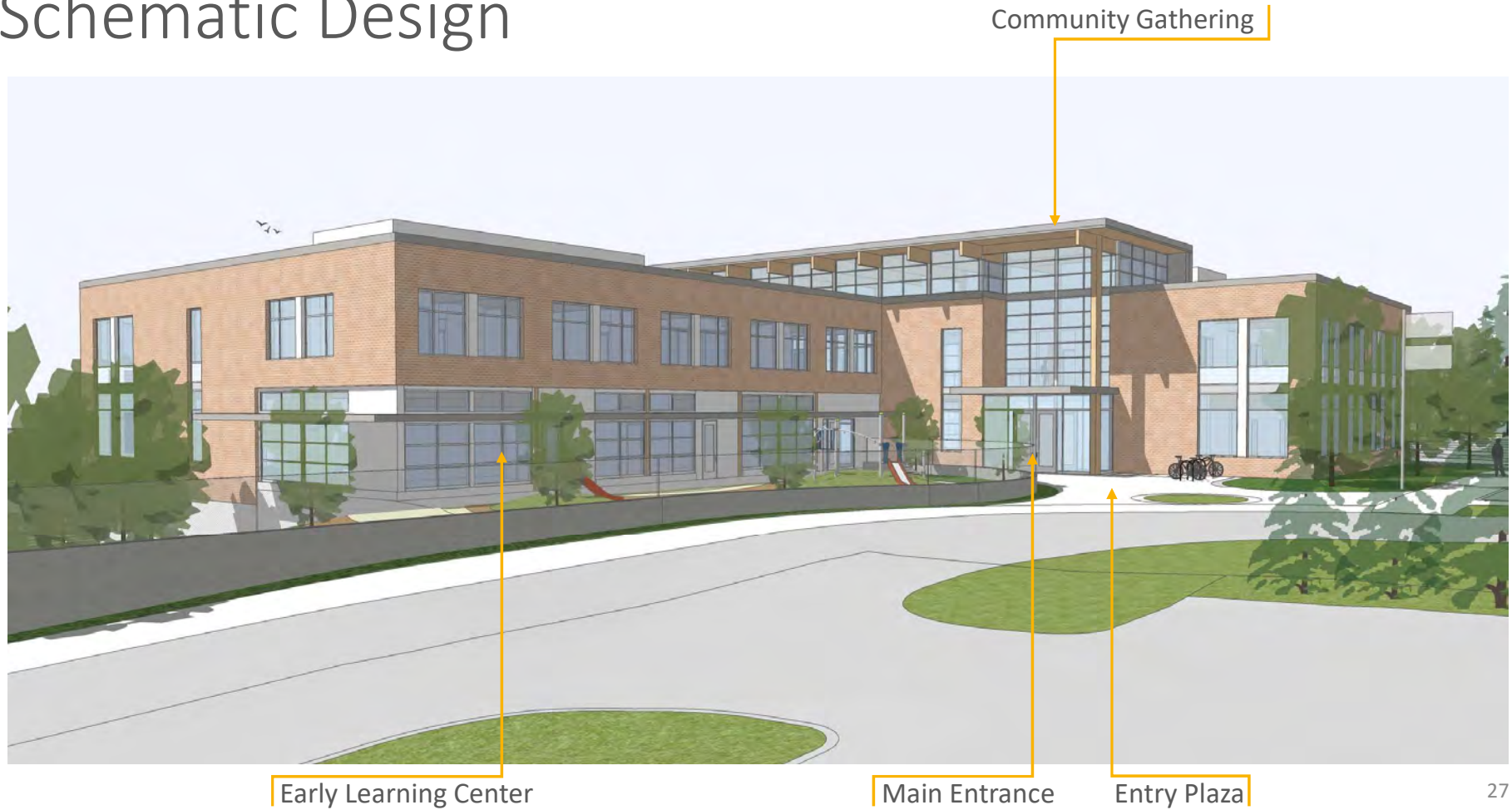
Schematic Design



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Schematic Design



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Schematic Design



Section thru Community Space



Section

Meeting Rooms

Conference Center

Community Gather

Work Areas



Outdoor Patio

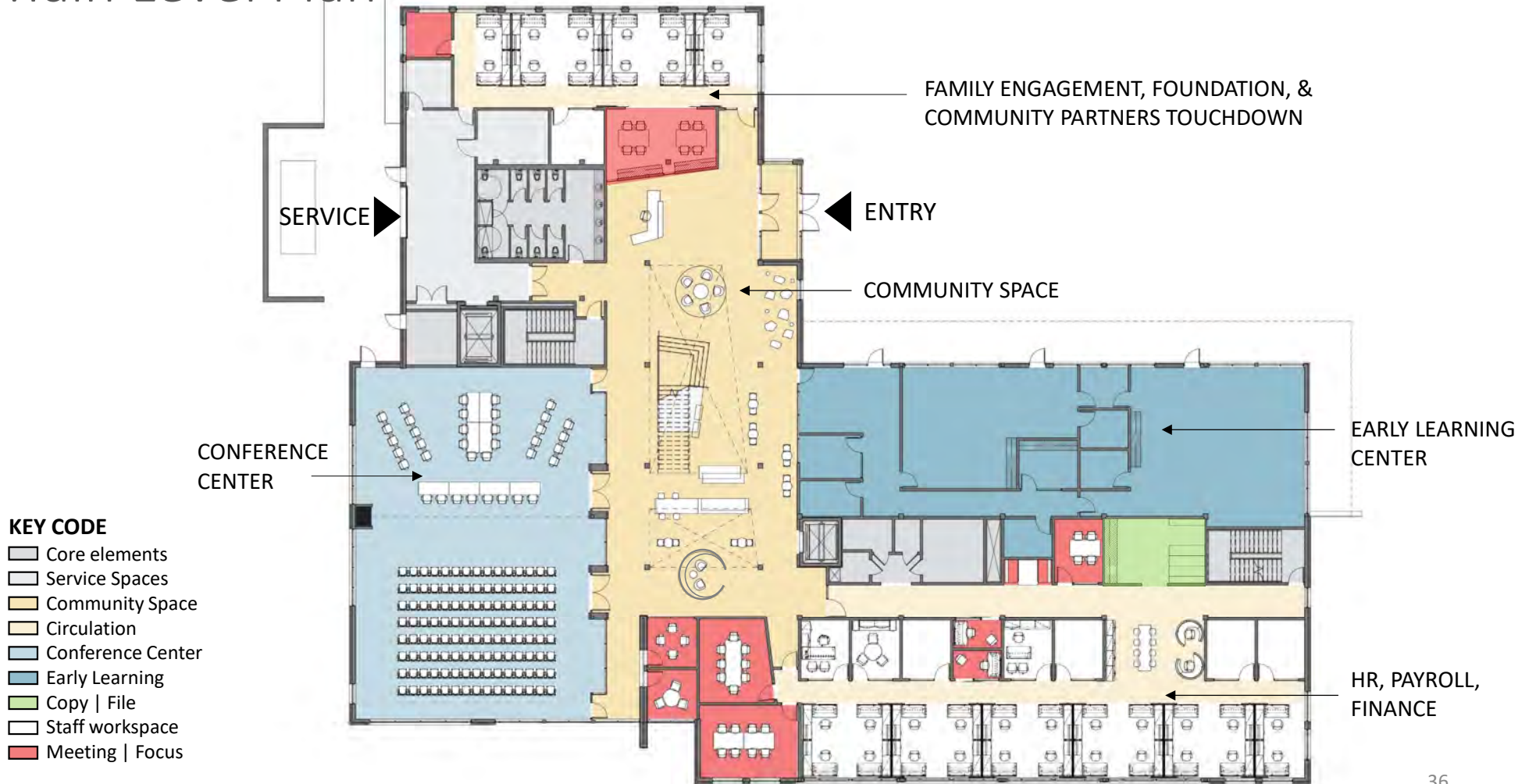
Lunch Room

Schematic Design - Space Plans

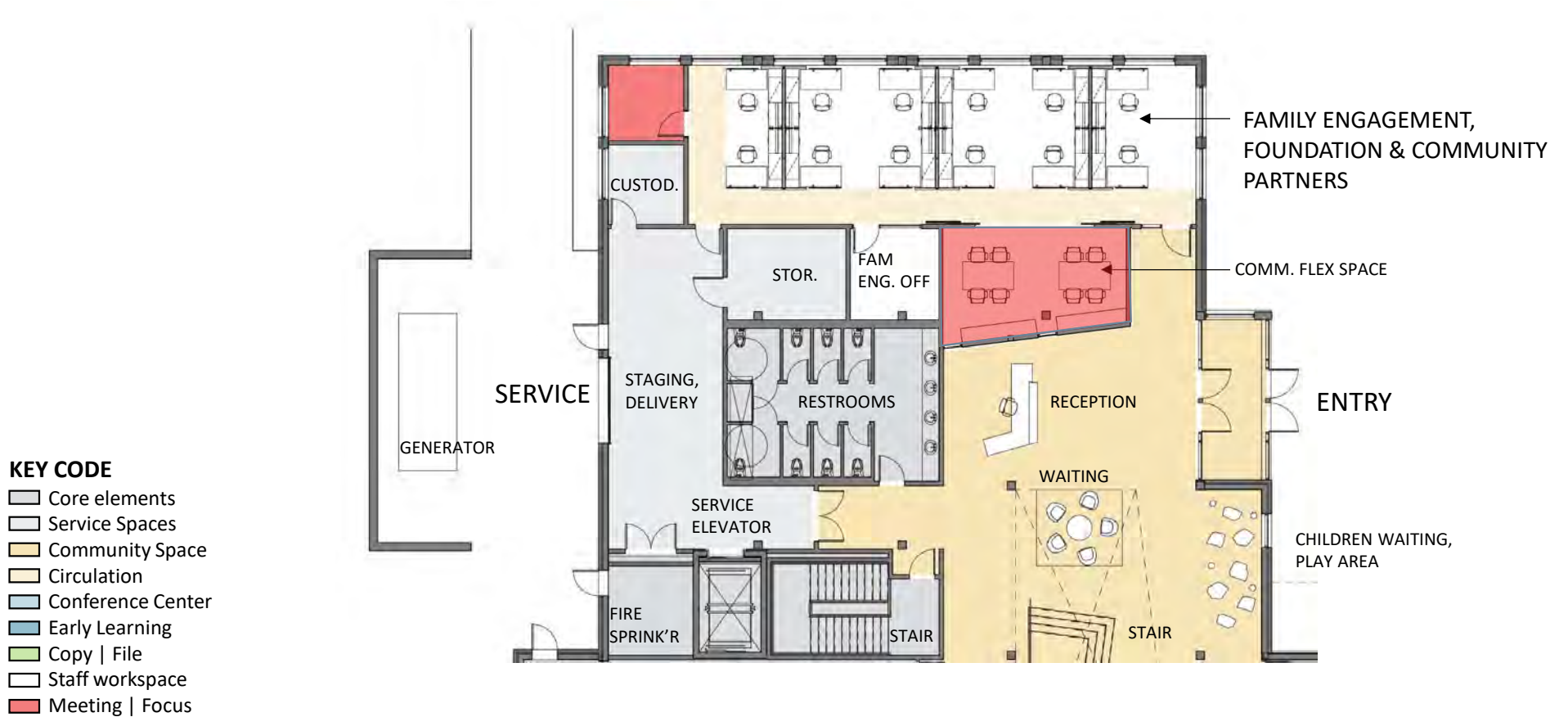
Conceptual Space Plan – Main Level



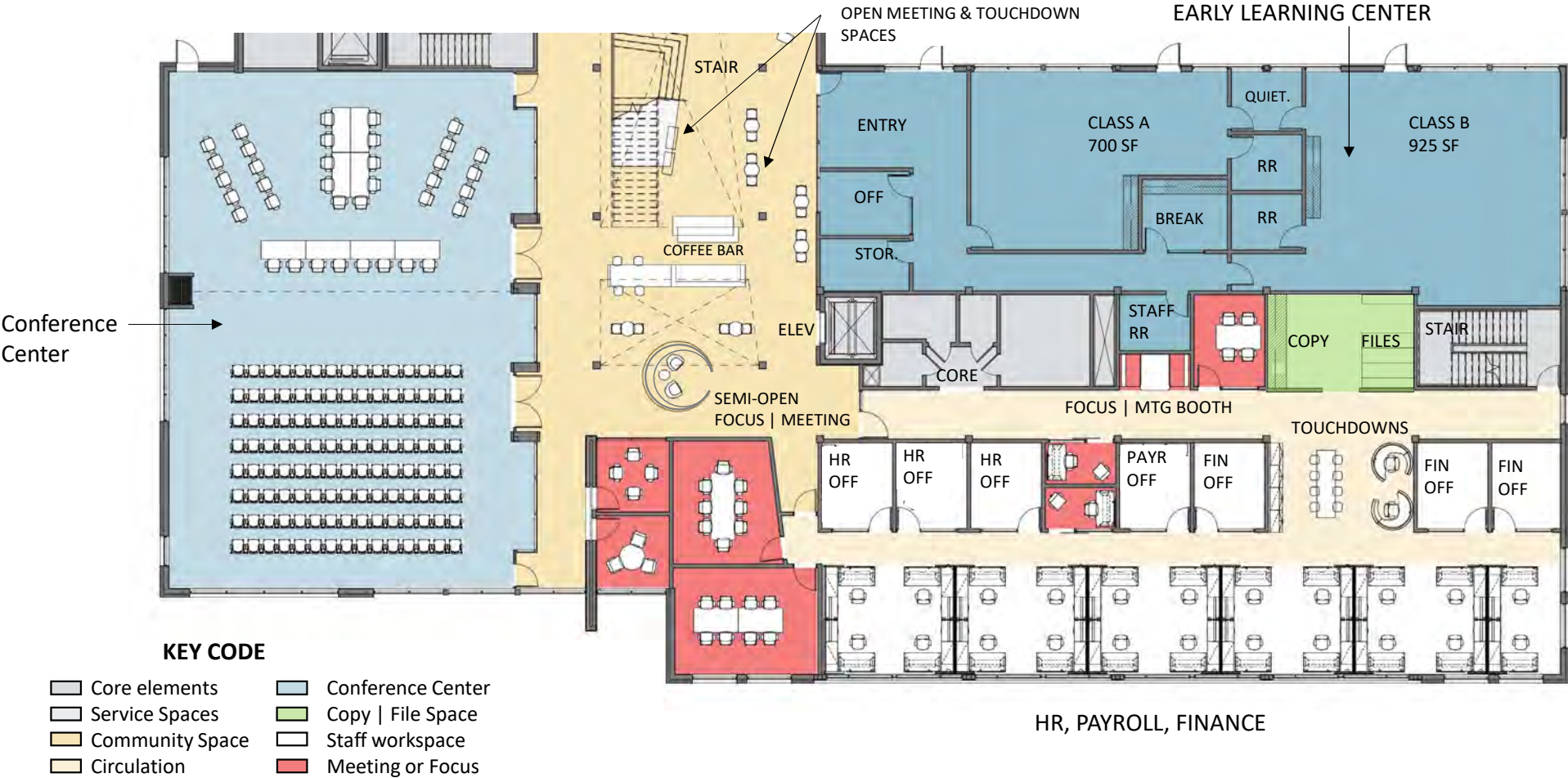
Main Level Plan



Floor Plan – Main Level North



Floor Plan – Main Level South



Conceptual Space Plan – Upper Level



Upper Level Plan

CAPITAL PROJECTS
OPERATIONS
COMMUNICATIONS

COMMUNITY SPACE

CONFERENCE
CENTER

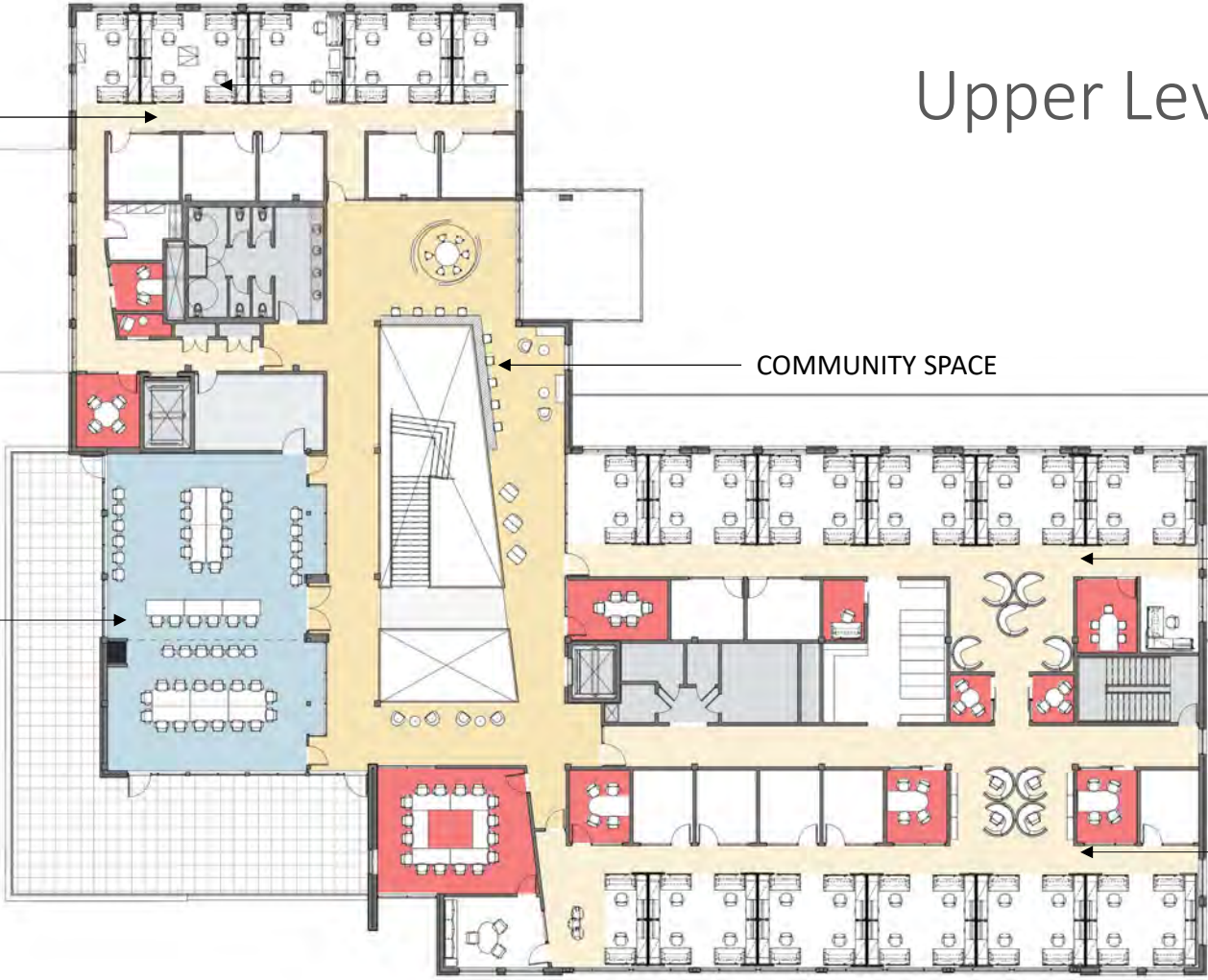
DTL &
ED TECH

DTL

SUPERINTENDENT

KEY CODE

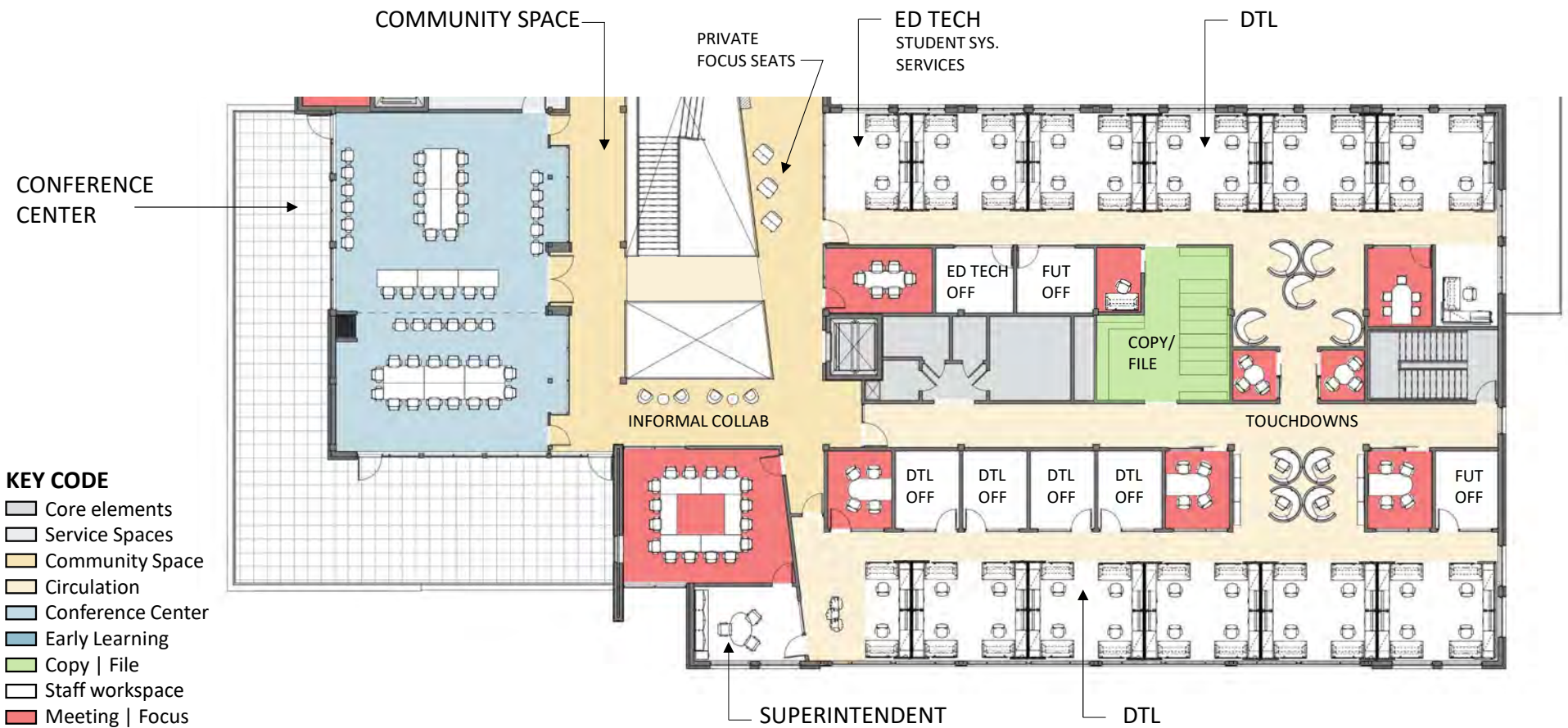
- Core elements
- Service Spaces
- Community Space
- Circulation
- Conference Center
- Early Learning
- Copy | File
- Staff workspace
- Meeting | Focus



Schematic Design Plan – Upper Level



Schematic Design Plan – Upper Level



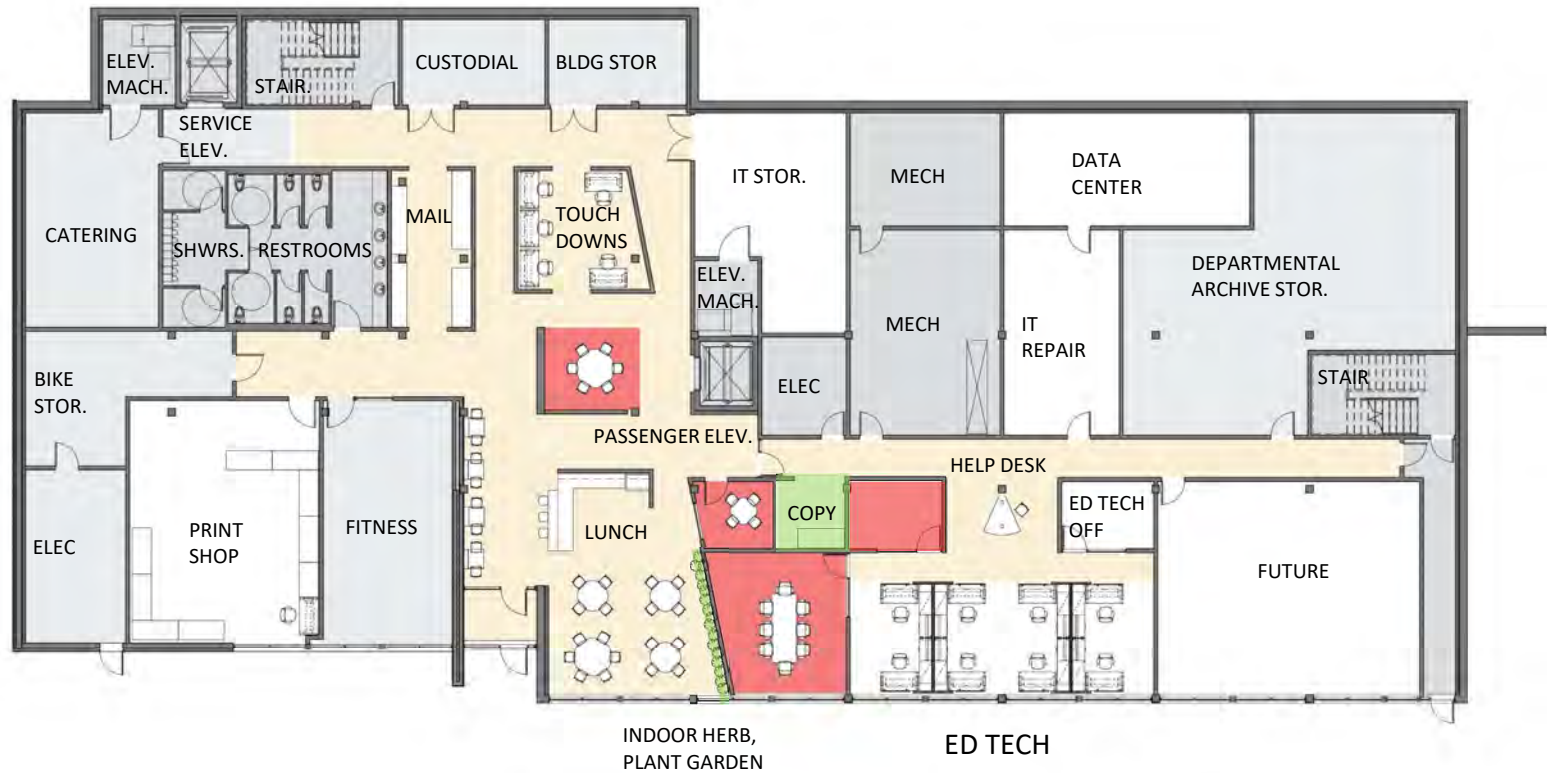
Conceptual Space Plan – Lower Level



Schematic Design Plan – Lower Level

KEY CODE

- Core elements
- Service Spaces
- Community Space
- Circulation
- Conference Center
- Early Learning
- Copy | File
- Staff workspace
- Meeting | Focus



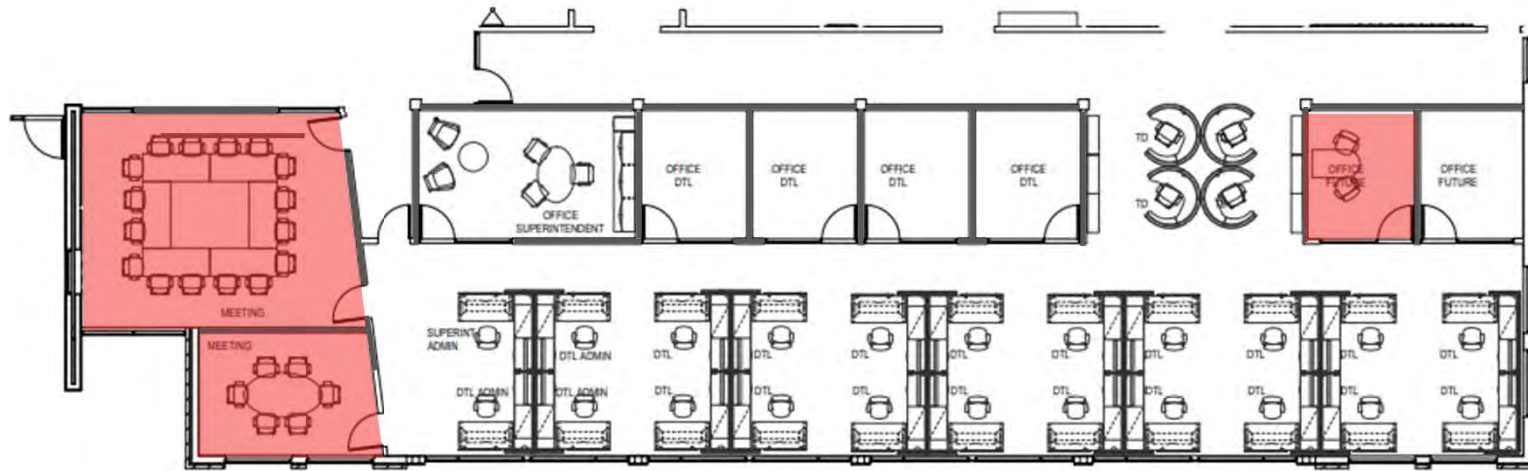
Precedent Image



Precedent Image



Alternative Layout



Sustainability

Standards



Washington Sustainable Schools
 (Founded 2005 – Collaborative for High Performing Schools)

- Oriented towards sustainability and resource efficiency while providing a flexible framework to meet local needs.



LEED
 (Started 1993 – US Green Building Council – Standard developed with Natural Resources Defense Council)

- Prioritizes sustainability and resource efficiency while accommodating factors associated with personal health.



WELL
 (Started 2013 – International Well Building Institute, aligned with International Living Future Institute – Living Building Challenge)





- Measures attributes of a building that impact occupant health.



FITWEL
 (Launched 2016 by CfAD – Center for Active Design)

- Focused on the impact that workplace design has on occupant health and well-being.

Standards

	<p>Washington Sustainable Schools (Founded 2005 – Collaborative for High Performing Schools)</p>	<ul style="list-style-type: none"> • Oriented towards sustainability and resource efficiency while providing a flexible framework to meet local needs.
	<p>LEED (Started 1993 – US Green Building Council – Standard developed with Natural Resources Defense Council)</p>	<ul style="list-style-type: none"> • Prioritizes sustainability and resource efficiency while accommodating factors associated with personal health.
	<p>WELL (Started 2013 – International Well Building Institute, aligned with International Living Future Institute – Living Building Challenge)</p>	<ul style="list-style-type: none"> • Measures attributes of a building that impact occupant health.
	<p>FITWEL (Launched 2016 by CfAD – Center for Active Design)</p>	<ul style="list-style-type: none"> • Focused on the impact that workplace design has on occupant health and well-being.

WSSP Scorecard

WSSP 2018 Scorecard										
District: Bellingham Contact Name & Phone: Jason Willard, RMC Architects 360 676 7733 Date: 2021-01-08										
Project Name and Type: Bellingham Public Schools Administration Building Phase: Design										
Category	Group	Credit Number	Credit Name	Possible Points	Yes	No	Maybe	Responsibility	Comments	
Site 23 points	1) Selection & Use	S1.0	Code Compliance	R	0			RMC, Freeland		
		S1.1	Sensitive Areas	1	1			Freeland		
		S1.2	Greenfields	1	1			RMC, Freeland	Undeveloped land in (future) Urban Village	
		S1.3	Central Location	1			1	RMC, BSD	Can this be calculated for employees?	
		S1.4	Joint Use of On-Site Facilities	1-2	1		1	RMC, BSD	2nd point requires written agreement with community group - ELC operator	
		S1.5	Joint Use of Off Site Facilities	1			1	RMC, BSD	Point requires written agreement for park / other shared space off-site	
	2) Transportation	S1.6	Minimize Site Disturbance - Building	2	2			RMC	Building footprint <60% of total SF, and FAR >1:4	
		S2.1	Public Transportation	1	1			RMC, Freeland	Locate within 1/4 mile of one or more bus lines - WTA #331, 525, 540	
		S2.2	Bicycle Lanes & Security	1	1			RMC, Freeland	Bike lanes and sidewalks to end of property and secure bicycle storage	
		S2.3	Electric Vehicle Charging Stations	1-2	2			RMC, Freeland, TFWB	Required by IBC 427.2 - Chargepoint	
	3) Stormwater Management	S2.4	Minimize Parking	1			1	RMC, Freeland	Provide preferred parking for 5% of staff and do not exceed local codes in number of stalls + district vehicles	
		S3.0	Construction Stormwater Pollution Prevention	R	0			Freeland	Prerequisite	
		S3.1	On-site Stormwater Management and Flow Control	R-1	0			Freeland	Prerequisite	
		S3.2	Stormwater Treatment	R-1	0			Freeland	Prerequisite	
	4) Outdoor Surfaces	S3.3	Soil Management	1	1			Freeland, Weisman	Required by City code	
		S4.1	Outdoor Learning Spaces	2			2	RMC, Weisman		
		S4.2	School Gardens	1-2			2	RMC, Weisman	Gardens good, but probably not credit-compliant	
		S4.3	Reduce Heat Island - Site	1			1	RMC, Freeland, Weisman	Shade and high-reflectivity for 30% of site	
	5) Outdoor Lighting	S4.4	Reduce Heat Island - Roof Design	1	1			RMC, Weisman	Energy Star cool roof >75% of roof area or >50% vegetated roof area	
		S5.1	Light Pollution Reduction	1			1	RMC, Freeland, TFWB	IESNA compliance for foot-candle requirements and zero direct-beam illumination leaves site	
Total possible				23	11	5	5			
Water 10 points	1) Outdoor Systems	W1.0	Landscape Water Use Budget	R	0			Weisman	Develop water budget - Irrigation Association BMP's	
		W1.1	Irrigation Water Reduction (50%, 100%)	1-2			2	Weisman	Reduce by 50%, remove irrigation use after establishment period	
		W1.2	Control Irrigation Water Use	1	1			Weisman	Develop schedule and input into controller after plant establishment or install climate-based controls	
		W1.3	Irrigation System Testing and Training	1			1	Weisman	Create irrigation commissioning plan	
	2) Indoor Systems	W2.0	Lead-Free Potable Water System	1	1			Metrix	Specify products that are certified under lead-free requirement of 2014 Safe Water Drinking Act	
		W2.1	Potable Water Use Reduction for Sewage (25%, 45%)	1-2	1		1	Metrix	Provide savings below baseline for 25% or 45% reduction	
		W2.2	Potable Water Use Reduction (20%, 30%, 40%)	1-3	1		2	Metrix	Reduce potable water use beyond baseline for 20%, 30%, or 40% reduction	
Total possible				10	4	2	4			

WSSP Scorecard

Materials and Waste 25 points	1) Waste Reduction and Efficient Materials Use	MW1.0	Storage and Collection of Recyclables and Compostables	R	0			RMC, WGNW	Provide space for collection and educate building occupants
		MW1.1	Construction Site Waste Management (50%, 75%)	1-2	1		1	RMC	Specifications
		MW1.2	Building Reuse - Structure/Shell (50%, 75%, 95%)	1-3			3	-	N/A
		MW1.3	Building Reuse - Interior Non-Structural Elements (50%)	1			1	-	N/A
		MW1.4	Materials Reuse (5%, 10%)	1-2			2	RMC	Not likely
	2) Sustainable Materials	MW2.1	Recycled Content (10%/4 mts, 20%/8 mts)	1-2	1		1	RMC, WGNW	Prescriptive approach - install 4 (or 8) building products meeting EPA Comp. Procurement Guidelines
		MW2.2	Rapidly Renewable Materials	1			1	RMC, WGNW	5% of total value of all building materials
		MW2.3	Certified Wood (50%, Chain of Custody)	1-2			1	RMC, WGNW	If CLT can be Certified Wood, then yes on 2 credits
		MW2.4	Regional/Local Materials	1-2			2	RMC, WGNW	If CLT can be Regional, possibility of credits
		MW2.5	Environmentally Preferable Products - Multiple Attribute	1-2			2	RMC, WGNW	Environmentally Preferable Products?
		MW2.6	Environmental Product Declaration	2-7			7	RMC, WGNW	Specify products that contain Environmental Product Declaration (at least 2% of building material cost)
		MW2.7	Building Materials Health Product Disclosure	1			1	RMC, WGNW	Prescriptive approach - specify product category with at least 50% by cost with Health Product Declaration
	Total possible				25	2	6	16	

WSSP Scorecard

Category	Group	Credit Number	Credit Name	Possible Points	Yes	No	Maybe	Responsibility	Comments	
Energy 60 points	1) Efficiency	E1.0	Minimum Energy Performance							
		E1.0.1	Energy Code Minimum	R	0					
		E1.0.2	Energy Star Certified Equipment	R	0					
		E1.1	Superior Energy Performance - Prescriptive Component Design	2-10	2			8	Metrix	Reduced lighting power, DOAS, reduced infiltration
		E1.2	Superior Energy Performance - Whole Building Design	8-20	17	3			Metrix	Building energy modeling shows 24-27% reduction
		E1.3	Zero Net Energy	35			35		Metrix	
	2) Building Automation	E2.0	Audio and Visual Systems Control	R	0					
		E2.1	Daylight Responsive Controls	R	0					
		E2.2	HVAC Controls and Operable Windows	1				1		Likely No
		E2.3	Occupancy Controls							
		E2.3.1	Occupancy Sensor-based Controls	1	1					Utilize electrical occupant sensors
		E2.3.2	Occupancy Sensor-based Control for Temperature & Airflow	1	1					
		E2.4	Demand Control Ventilation	1	1					
		E2.5	Exterior Lighting Motion Detection	2	2					
	3) Alternative Energy	E3.1	On-Site Renewable Energy							
		E3.1.1	On-Site Renewable Energy	2-8				8		
		E3.1.2	Solar Ready	1	1					
		E3.1.3	Service Water Heating	2			2			
		E3.1.4	Zero Net Energy Capable	3				3		
		E3.2	Combined Heat & Power	4			4			
	4) Commissioning	E4.0	Fundamental Commissioning	R	0					
		E4.1	Enhanced Commissioning							
		E4.1.1	Commissioning Review	1	1					
		E4.1.2	Verification and Assurances	1	1					
	5) Metering & Management	E4.1.3	Systems Manual	1			1			
		E5.0	Minimum Energy Metering	R	0					
		E5.1	Energy Metering - Other							
		E5.1.1	Energy Metering System - Not Code Required	4				4		
		E5.1.2	Additional Use Metering	2	2					
		E5.1.3	Energy Use Metering Display	2	2					
		E5.2	Energy Storage	2			2			
		E5.3	Automated Demand Response							
	E5.3.1	Manage Peak Demand	2				2			
E5.3.2	Future Demand Response	1	1							
Total possible				60	32	47	26			

WSSP Scorecard

Category	Group	Credit Number	Credit Name	Possible Points	Yes	No	Maybe	Responsibility	Comments
Indoor Environmental Quality 36 points	1) Daylighting	IEQ1.0	Permanent Shading	R-1	0		1		
		IEQ1.1	Outdoor View Windows	R-1	0		1	RMC	Floor area and glazing view area for all spaces
		IEQ1.2	Daylighting Classrooms	1-4	2	1	1	RMC	Offices v. Classrooms
	2) Electric Lighting Quality	IEQ2.0	Electric Lighting Quality						
		IEQ2.0.1	Electric Lighting Quality	R	0			TFWB	
		IEQ2.0.2	Electric Lighting Dimming	1	1			TFWB	
		IEQ2.0.3	Electric Lighting Luminaire Color	1			1	TFWB	Tunable Lighting
	3) Indoor Air Quality	IEQ3.0	Min Requirements Ventilation, Filtration, & Moisture Control						
		IEQ3.0.1	Permanent Ventilation	R	0				
		IEQ3.0.2	Increased Ventilation	1			1	Metrix	
		IEQ3.0.3	Evaluate Envelope	1			1	RMC	
		IEQ3.1	Low-Emitting Interior Finishes	1-6	3		3	RMC, WGNW	
		IEQ3.2	Low-Emitting Furniture	1	1			RMC, WGNW	
		IEQ3.3	Source Control	3	3			RMC, Metrix	
		IEQ3.4	Ducted HVAC Returns	1	1			Metrix	
		IEQ3.5	Particle Arrestance Filtration	1-2	2			Metrix	Merv-13 w/2" deep pleated filters (2nd credit)
		IEQ3.6	Construction IAQ Management						
		IEQ3.6.1	During Construction	1			1		IAQ Management Plan to be submitted by contractor per specifications
	IEQ3.6.2	After Construction	1	1					
	IEQ3.7	Indoor Air Monitoring	2			2		CO2 typical for occupied spaces, not Ozone or Particulate	
	4) Acoustics	IEQ4.0	Minimum Acoustic Performance	R	0			RMC, BRC	Apply to conference facilities?
		IEQ4.1	Improved Acoustical Performance						
		IEQ4.1.1	Reduced Unoccupied Classroom Noise All Classrooms	1			1	RMC, BRC	
		IEQ4.1.2	STC 50 All Classrooms	1	1			RMC, BRC	
		IEQ4.1.3	Gymnasium Reverberation Times	1			1		
		IEQ4.1.4	Multi-Purpose, Commons, Cafeteria Reverberation Times	1	1			RMC, BRC	
	IEQ4.2	Audio Enhancement	1	1			TFWB		
	5) Thermal Comfort	IEQ5.0	Thermal Code Compliance	R	0			Metrix	
		IEQ5.1	Radiant Heated Floors - K-5	2			2		
	6) User Controls	IEQ6.1	User Control - Windows	1	1			Metrix	For ELC
IEQ6.2		User Control - Temperature	1	1			Metrix	For ELC, and offices	
Total possible				36	19	4	13		

WSSP Scorecard

Category	Group	Credit Number	Credit Name	Possible Points	Yes	No	Maybe	Responsibility	Comments
Integration, Education and Operations 43 points	1) Integration	IEO1.1	Integrated Design Workshop	1	1				
		IEO1.2	Durability	1	1				
		IEO1.3	Faculty and Staff Changing and Shower Facilities	1	1				
		IEO1.4	Innovation	1-2			2		
		IEO1.5	Biophilic Design	1-2			2		
		IEO1.6	Pursue Additional Funding Sources	2			2		
		IEO1.7	Safer Schools by Design	2			2		
	2) Education	IEO2.1	Green Building Learning	1-2	1		1		
	3) Operations	IEO3.0	Operational Performance Monitoring	R	0				
		IEO3.1	Post Occupancy Evaluation (POE)						
		IEO3.1.1	POE Occupant Survey	R	0				
		IEO3.1.2	Comprehensive POE	2			2		
		IEO3.2	ELCCA/LCCA						
		IEO3.2.1	ELCCA Required Facilities	R	0			Matrix	
		IEO3.2.2	ELCCA Other Facilities	1		1			
		IEO3.2.3	ELCCA Update	1		1			
		IEO3.2.4	LCCA	1		1			
		IEO3.3	Monitoring-Based Commissioning	4			4		
		IEO3.4	Project or District Long Term Operations						
		IEO3.4.0	Asset Preservation Program (APP)-New Buildings	R	0			BSD	
		IEO3.4.1	Operations and Maintenance Staff Involvement	R	0			BSD	
		IEO3.4.2	Asset Preservation System (APS) on Modernizations	1		1			
		IEO3.4.3	Green Power and Carbon Offsets	1-2		2			PSE 50% Renewable?
		IEO3.4.4	Resource Conservation and GHG Reduction Plan	1		1			
		IEO3.4.5	IAQ Management Plan	2	2			BSD	
		IEO3.4.6	Integrated Pest Management Program	2	2				
		IEO3.4.7	Transportation Options Program	1		1			
		IEO3.4.8	Operations and Maintenance Personnel Training	1-2	2			BSD	
		IEO3.4.9	Food Related Waste Management	1-2	2			BSD	
		IEO3.4.10	Wasted Food Reduction Program	1, 2-3			3		
		IEO3.4.11	Fuel Efficient Buses and Maintenance Vehicles	1	1			BSD	
		IEO3.4.12	Environmentally Preferable Supplies Purchasing	1	1			BSD	
		IEO3.4.13	Green Cleaning Policy and Program	1	1			BSD	
		IEO3.4.14	Green School Program	1			1		
Total Possible				43	15	12	15		

WSSP Scorecard

Category	Group	Credit Number	Credit Name	Possible Points	Yes	No	Maybe	Responsibility	Comments
GRAND TOTAL Possible Points (Most points possible, not a total of all points listed above)				197	83	76	79		
Minimum required for Washington Sustainable School Two-tier system: New Facility and new Building on Existing Facility For Class I Districts: Minimum 66 points For Class II Districts: Minimum 58 points Modernization For Class I Districts: Minimum 49 points For Class II Districts: Minimum 43 points <small>Published June 2018</small>				58 or 66					
				43 or 49					

- Certification level for Class I District = Minimum of 66 points
- Design team projects 83 points
- Categories include Site, Water, Materials & Waste, Energy, Indoor Environmental Quality, and Integration, Education, and Operations
- Strategies within Scorecard developed with inputs from building design team and BPS
- Sustainable design best practices – these are site- and building-focused, and while beneficial, are minimally-related to Health and Wellness of Building Occupants

Standards – Health and Wellness



Washington Sustainable Schools
 (Founded 2005 – Collaborative for High Performing Schools)

- Oriented towards sustainability and resource efficiency while providing a flexible framework to meet local needs.



LEED
 (Started 1993 – US Green Building Council – Standard developed with Natural Resources Defense Council)

- Prioritizes sustainability and resource efficiency while accommodating factors associated with personal health.



WELL
 (Started 2013 – International Well Building Institute, aligned with International Living Future Institute – Living Building Challenge)

- Measures attributes of a building that impact occupant health.



FITWEL
 (Launched 2016 by CfAD – Center for Active Design)

- Focused on the impact that workplace design has on occupant health and well-being.

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FITWEL
 (Launched 2016 by CfAD – Center for Active Design)

- Focused on the impact that workplace design has on occupant health and well-being.

Fitwel Goals



Impacts Surrounding Community Health - Strategies that impact surrounding community health broaden the impact of the project past the health of on site occupants, reaching those who live, work, play, or learn in the neighboring areas



Reduces Morbidity and Absenteeism - Strategies that reduce morbidity and absenteeism promote decreased rates of chronic disease and mental health conditions, reductions in disease transmission, and fewer missed days of work.



Supports Social Equity for Vulnerable Populations - Strategies that support social equity for vulnerable populations ensure that a range of populations, including children, elderly, disabled, or socio-economically disadvantaged persons have increased access to health-promoting opportunities whether through universal accessibility, pricing incentives, targeted amenities, or pedestrian-focused environments.



Instills Feelings of Well-Being - Strategies that instill feelings of well-being promote inclusion, relaxation, and perceptions of safety, through rejuvenating and clean spaces, an enhanced connection to nature, and opportunities for social engagement.



Enhances Access to Healthy Foods - Strategies that enhance access to healthy foods provide occupants with expanded availability to fruits, vegetables, and other nutritious food options by diversifying the outlets and sources of healthier food options, promoting healthier choices, and reducing cost of healthier options through pricing incentives.



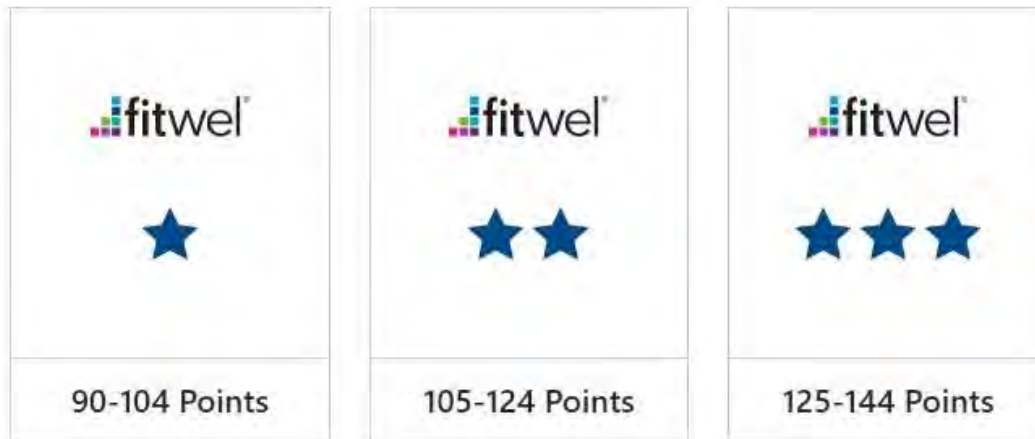
Promotes Occupant Safety - Strategies that promote occupant safety decrease risk of crime and injury, protect bicyclists and pedestrians from vehicular traffic, and increase stair safety.



Increases Physical Activity - Strategies that increase physical activity incorporate opportunities for movement into everyday life whether through encouraging active transportation, promoting stair use, or expanding access to indoor and outdoor fitness areas and equipment.



Fitwel Goals



- Certification level desired?
- 3-year certification (can re-certify after)
- Alignment with sustainability strategies already identified within WSSP credit scorecard and architectural design achieves approximately 53 points
- 62 points in 'Maybe' column – how do we move them to 'Yes'?

Fitwel Scorecard

Workplace: Single Tenant Building (ST)

Fitwel v2.1
January 2020

Project Name: Bellin/Bellingham Public Schools Administration Building
Date: 2021-01-08 1/8/2021
Design or Built Certification: Design

Anticipated Score & Star Rating	
Anticipated Score	52.62
Anticipated Star Rating	0
Points from "MAYBE"	82.14

Fitwel Star Ratings:
1 Star: 90-104 Points
2 Star: 105-124 Points
3 Star: 125-144 Points

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES/AC/NA	MAYBE	
1. LOCATION								
1.1	Walkability	Building located in an area with a Walk Score of 50 or above	3.00	—	—	3.00	0.00	
1.2	Walkability	Building located in an area with a Walk Score of 70 or above	3.47	—	—	4.47	0.00	1985 Barclay Boulevard Walk Score = 74
1.3	Walkability	Building located in an area with a Walk Score of 90 or above	3.47	—	—	0.00	0.00	
1.4	Proximity To Transit	Locate a transit stop within a 1/2 mile or 800 meters of a main building entrance	4.18	—	—	4.10	0.00	
			<small>Total Points Available (Anticipated)</small>	10.00	0.00	11.04	0.00	

2. BUILDING ACCESS								
2.1	Pedestrian Route to Transit	Provide a universally accessible pedestrian route between the main building entrance and a transit stop	1.12	—	—	1.12	0.00	
2.2	Commuter Survey	Conduct an occupant commuter survey for regular occupants	0.56	—	—	0.00	0.56	
2.3	Bicycle Parking	Provide regular occupants access to bicycle parking	1.12	0.56	—	1.12	0.00	
2.4	Active Commuter Showers	Provide regular occupants access to showers and lockers	1.12	—	—	1.12	0.00	
2.5	Incentivizing Transit	Provide regular occupants access to transit benefits	1.58	0.56	—	0.00	1.58	
2.6	Efficiency Parking	Implement parking efficiency practices	0.56	—	0.56	0.00	0.00	
			<small>Total Points Available (Anticipated)</small>	5.96	0.56	3.28	0.00	

3. OUTDOOR SPACES								
3.1	Outdoor Space Amenities	Provide regular occupants access to an outdoor space amenity	0.54	—	—	0.54	0.00	
3.2	Walking Trail	Provide regular occupants access to an outdoor walking trail	1.56	—	—	1.56	0.00	
3.3	Outdoor Fitness Area	Provide regular occupants access to an outdoor fitness area	0.54	—	—	0.00	0.00	
3.4	Restorative Garden	Provide regular occupants access to an outdoor restorative garden	1.08	—	—	0.00	0.00	
3.5	Farmers Market	Provide regular occupants access to a farmers market	3.68	—	—	0.00	0.00	
3.6	Fruit and Vegetable Garden	Provide regular occupants access to a fruit and vegetable garden	1.12	0.56	—	0.00	1.12	
3.7	Pathway and Parking Area Lighting	Provide lighting in all outdoor spaces, pathways, and parking areas	2.24	—	2.24	2.24	0.00	
3.8	Tobacco- and Smoke-Free Outdoor Spaces	Establish and implement a tobacco- and smoke-free policy for all outdoor spaces	1.58	0.56	—	1.58	0.00	
			<small>Total Points Available (Anticipated)</small>	13.47	2.56	6.72	1.12	

- Included credits:

Building location

Proximity to transit

Bicycle parking

Shower facilities

Outdoor amenities / trails

Well-lit parking and pathways

Tobacco-free site / grounds

Fitwel Scorecard

Workplace: Single Tenant Building (ST)

Fitwel v2.1
January 2020

Project Name: Bellin/Bellingham Public Schools Administration Building
Date: 2021-01-08 1/8/2021
Design or Built Certification: Design

Anticipated Score & Star Rating	
Anticipated Score	52.62
Anticipated Star Rating	0
Points from "MAYBE"	82.14

Fitwel Star Ratings:
1 Star: 90-104 Points
2 Star: 105-124 Points
3 Star: 125-144 Points

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
1. LOCATION								
1.1	Walkability	Building located in an area with a Walk Score of 50 or above	3.00	—	—	3.00	0.00	
1.2	Walkability	Building located in an area with a Walk Score of 70 or above	3.47	—	—	4.47	0.00	1985 Barclay Boulevard Walk Score = 74
1.3	Walkability	Building located in an area with a Walk Score of 90 or above	3.47	—	—	0.00	0.00	
1.4	Proximity to Transit	building entrance	4.19	—	—	4.19	0.00	
			Total Points Available (Anticipated)	0.47	0.00	0.00	0.47	0.00

2. BUILDING ACCESS								
2.1	Pedestrian Route to Transit	Provide a universally accessible pedestrian route between the main building entrance and a transit stop	1.12	—	—	1.12	0.00	
2.2	Commuter Survey	Conduct an occupant commuter survey for regular occupants	0.56	—	—	0.00	0.56	
2.3	Bicycle Parking	Provide regular occupants access to bicycle parking	1.12	0.56	—	1.12	0.00	
2.4	Active Commuter Showers	Provide regular occupants access to showers and lockers	1.12	—	—	1.12	0.00	
2.5	Incentivizing Transit	Provide regular occupants access to transit benefits	1.58	0.56	—	0.00	1.58	
2.6	Efficiency Parking	Implement parking efficiency practices	0.56	—	0.56	0.00	0.00	
			Total Points Available (Anticipated)	5.10	0.56	0.00	5.10	0.00

3. OUTDOOR SPACES								
3.1	Outdoor Space Amenities	Provide regular occupants access to an outdoor space amenity	0.54	—	—	0.54	0.00	
3.2	Walking Trail	Provide regular occupants access to an outdoor walking trail	1.56	—	—	1.56	0.00	
3.3	Outdoor Fitness Area	Provide regular occupants access to an outdoor fitness area	0.54	—	—	0.00	0.00	
3.4	Restorative Garden	Provide regular occupants access to an outdoor restorative garden	1.08	—	—	0.00	0.00	
3.5	Farmers Market	Provide regular occupants access to a farmers market	3.60	—	—	0.00	0.00	
3.6	Fruit and Vegetable Garden	Provide regular occupants access to a fruit and vegetable garden	1.12	0.56	—	0.00	1.12	
3.7	Pathway and Parking Area Lighting	Provide lighting in all outdoor spaces, pathways, and parking areas	2.24	—	2.24	2.24	0.00	
3.8	Tobacco- and Smoke-Free Outdoor Spaces	Establish and implement a tobacco- and smoke-free policy for all outdoor spaces	1.58	0.56	—	1.58	0.00	
			Total Points Available (Anticipated)	13.47	2.56	0.00	13.47	0.00

Fitwel Scorecard

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
1. LOCATION								
1.1	Walkability	Building located in an area with a Walk Score of 50 or above	3.08	—	—	3.08	0.00	1985 Barkley Boulevard Walk Score = 74
1.2	Walkability	Building located in an area with a Walk Score of 70 or above	4.47	—	—	4.47	0.00	
1.3	Walkability	Building located in an area with a Walk Score of 90 or above	4.17	—	—	0.00	0.00	
1.4	Proximity To Transit	Locate a transit stop within a 1/2 mile or 800 meters of a main building entrance	4.19	—	—	4.19	0.00	
Total Points Available (All Goals)			11.24	0.00	0.00	11.24	0.00	

- Site selection (passive strategy) of Barkley District provides Walk Score (walkscore.com) value of 74 points out of 100
- Score between 70 – 89 means Very Walkable / Very Bikeable, and most errands can be completed on foot
- Barkley District – wide range of available services nearby



Fitwel Scorecard

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
4. ENTRANCES AND GROUND FLOOR								
4.1	Tobacco- and Smoke-Free Outdoor Spaces	Provide tobacco- and smoke-free signage at all entrances and outdoor areas	0.64	0.42	—	0.64	0.00	
4.2	Main Pedestrian Entrance	Orient a main building entrance towards an outdoor pedestrian area	1.40	—	—	1.40	0.00	
4.3	Main Entrance Amenities	Include sidewalk amenities at main building entrances	1.96	—	—	0.00	1.68	
4.4	Safe Entry and Exit Lighting	Provide lighting at all building entrances	1.96	—	—	1.96	0.00	
4.5	Publicly Accessible Use	Provide a publicly accessible use on the ground floor	1.96	—	—	1.96	0.00	
4.6	Active Pedestrian Areas	Orient the publicly accessible use directly to an outdoor pedestrian area	2.52	—	—	2.24	0.00	
4.7	Local Amenities Advertising	Provide a permanent display advertising local amenities	0.56	—	—	0.00	0.56	
4.8	Entryway Systems	Provide entryway systems at all building entrances	1.12	—	—	0.00	1.12	
Total Points Available / Anticipated			17.32	0.42	0.00	6.68	1.36	
5. STAIRS								
5.1	Stair Access	Provide access to at least one stair that connects building floors	2.80	1.40	—	0.00	2.80	
5.2	Stair Location	Locate the stair in an equality or more prominent area than escalators or elevators	2.50	—	—	2.80	0.00	
5.3	Stair Design	Implement active design strategies in the stair design	2.80	1.40	—	2.80	0.00	
5.4	Stair Signage	Place educational point-of-decision signs promoting stair use at elevator call areas	1.96	0.98	—	1.96	0.00	
5.5	Stair Visibility	Increase visibility of the stair	2.52	—	—	2.52	0.00	
5.6	Stair Safety	Implement best practices in stair safety	1.96	—	—	0.00	1.86	
Total Points Available / Anticipated			14.56	3.78	0.00	11.08	3.86	
6. INDOOR ENVIRONMENT								
6.1	Tobacco- and Smoke-Free Environment	Establish and implement a tobacco- and smoke-free policy for all indoor areas	3.08	1.54	—	3.08	0.00	
6.2	Asbestos-Safe Property	Confirm that asbestos has been properly abated and control measures are implemented	3.91	—	3.91	0.00	0.00	
6.3	Indoor Air Quality (IAQ) Policy	Establish and implement an Indoor Air Quality (IAQ) Policy	3.52	—	—	0.00	2.52	
6.4	Indoor Air Quality Testing	Conduct regular Indoor Air Quality (IAQ) testing	1.96	0.98	—	0.00	1.96	
6.5	IAQ Testing Results	Share Indoor Air Quality (IAQ) testing results with regular occupants	1.96	0.98	—	0.00	1.26	
6.6	Green Purchasing Policy	Establish and implement a Green Purchasing Policy	0.56	—	—	0.56	0.00	
6.7	Chemical Storage Ventilation	Provide separate ventilation in all areas with chemical use or storage	1.68	—	—	0.00	1.68	
6.8	Integrated Pest Management	Establish and implement an Integrated Pest Management (IPM) Plan	2.52	—	—	2.52	0.00	
Total Points Available / Anticipated			18.32	3.52	3.91	6.56	1.86	

- Included credits:

Tobacco-free signage

Outdoor pedestrian plaza

Well-lit building entrances

Publicly-accessible use

Orientation of entrance to plaza

Prominent / visible stair

Active design strategies for stair

Educational signage

Fitwel Scorecard

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
7. WORKSPACES								
7.1	Natural Daylight	Provide regular occupants access to natural daylight	2.24	—	—	0.00	2.24	
7.2	Views of Nature	Provide regular occupants access to views of nature	2.83	1.48	—	0.00	2.83	
7.3	Operable Shading	Provide regular occupants access to operable shading	0.26	—	—	0.00	0.26	
7.4	Active Workstations	Provide regular occupants access to active workstations	1.68	0.64	—	0.00	1.68	
7.5	Thermal Control	Provide regular occupants access to thermal control devices	0.56	—	—	0.00	0.56	
Total Points Available / Anticipated			7.47	3.20	0.00	0.00	7.47	
8. SHARED SPACES								
8.1	Bathroom Cleaning Protocol	Establish and implement a regular cleaning protocol for bathrooms	1.40	—	—	1.40	0.00	
8.2	Hand-Washing Signage	Provide permanent educational signs promoting hand-washing in bathrooms	0.28	—	—	0.28	0.00	
8.3	Common Break Areas	Provide regular occupants access to a common break area	1.40	—	—	1.40	0.00	
8.4	Break Areas Cleaning Protocol	Establish and implement a regular cleaning protocol for all break areas	0.56	—	—	0.00	0.56	
8.5	Quiet Room	Provide regular occupants access to a dedicated quiet room	0.64	—	—	0.00	0.64	
8.6	Lactation Rooms and Stations	Provide regular occupants access to a sufficient number of dedicated lactation rooms	4.75	2.38	—	0.00	4.75	
8.7	Multi-purpose Room	Provide regular occupants access to a multi-purpose room	1.68	—	—	0.00	1.68	
8.8	Exercise Room	Provide regular occupants access to a dedicated exercise room	1.96	—	—	1.96	0.00	
8.9	Fitness Facility	Provide regular occupants subsidized access to a fitness facility	1.96	—	—	0.00	1.96	
8.1	Crop Share Drop-Off	Provide regular occupants access to crop share or other fresh food delivery programs	1.68	—	—	0.00	1.68	
8.11	Health Programming	Establish and implement health promotion programming for regular occupants	1.68	—	—	0.00	1.68	
8.12	Occupant Satisfaction Survey Stakeholder Collaboration Process	Conduct an occupant satisfaction survey for regular occupants	1.12	—	—	0.00	1.12	
8.13	Occupant Satisfaction Survey Stakeholder Collaboration Process	Establish and Implement a Stakeholder Collaboration Process	1.12	—	—	0.00	1.12	
Total Points Available / Anticipated			20.45	2.38	0.00	5.04	15.11	

- Included credits:
 - Access to daylight
 - Access to nature / views
 - Active workstations
 - Breakrooms
 - Exercise / fitness facilities

Fitwel Scorecard

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
7. WORKSPACES								
7.1	Natural Daylight	Provide regular occupants access to natural daylight	2.24	—	—	0.00	2.24	
7.2	Views of Nature	Provide regular occupants access to views of nature	2.28	1.48	—	0.00	2.28	
7.3	Operable Shading	Provide regular occupants access to operable shading	0.26	—	—	0.00	0.26	
7.4	Active Workstations	Provide regular occupants access to active workstations	1.68	0.64	—	0.00	1.68	
7.5	Thermal Control	Provide regular occupants access to thermal control devices	0.56	—	—	0.00	0.56	
Total Points Available / Anticipated			6.92	12.24	0.00	0.00	6.92	0.56
8. SHARED SPACES								
8.1	Bathroom Cleaning Protocol	Establish and implement a regular cleaning protocol for bathrooms	1.40	—	—	1.40	0.00	
8.2	Hand-Washing Signage	Provide permanent educational signs promoting hand-washing in bathrooms	0.28	—	—	0.28	0.00	
8.3	Common Break Areas	Provide regular occupants access to a common break area	1.40	—	—	1.40	0.00	
8.4	Break Areas Cleaning Protocol	Establish and implement a regular cleaning protocol for all break areas	0.56	—	—	0.00	0.56	
8.5	Quiet Room	Provide regular occupants access to a dedicated quiet room	0.64	—	—	0.00	0.56	
8.6	Lactation Rooms and Stations	Provide regular occupants access to a sufficient number of dedicated lactation rooms	4.75	2.38	—	0.00	4.75	
8.7	Emergency Room	Provide regular occupants access to an emergency room	1.96	—	—	1.96	1.96	
8.8	Exercise Room	Provide regular occupants access to a dedicated exercise room	1.96	—	—	1.96	0.00	
8.9	Fitness Facility	Provide regular occupants subsidized access to a fitness facility	1.96	—	—	0.00	1.96	
8.10	Group Shared Drop-off	Food delivery programs	1.68	—	—	1.68	1.68	
8.11	Health Programming	Establish and implement health promotion programming for regular occupants	1.68	—	—	0.00	1.68	
8.12	Occupant Satisfaction Survey Stakeholder	Conduct an occupant satisfaction survey for regular occupants	1.12	—	—	0.00	1.12	
8.13	Collaboration Process	Establish and Implement a Stakeholder Collaboration Process	1.12	—	—	0.00	1.12	
Total Points Available / Anticipated			20.45	2.38	0.00	6.04	15.11	

Fitwel Scorecard

8.8	Exercise Room	Provide regular occupants access to a dedicated exercise room	1.96	—	—	1.96	0.00	
8.9	Fitness Facility	Provide regular occupants subsidized access to a fitness facility	1.96	—	—	0.00	1.96	

- Dedicated exercise room provided
- Increased access to physical activity – reduced absenteeism, enhanced physical and mental health
- Possibility for fitness classes / training?
- Incentives for use?

Fitwel Scorecard

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
9. WATER SUPPLY								
9.1	University Accessible Water Supplies	Provide a sufficient number of universally accessible water supplies	3.06	—	—	0.00	3.06	
9.2	Water Bottle Refilling Station	Provide bottle refilling stations at water supplies	1.40	—	—	0.00	1.40	
9.3	Water Quality	Conduct regular water quality testing	2.24	—	—	0.00	2.24	
			<i>Total Points Available / Anticipated</i>	6.70	0.00	0.00	6.70	6.70
10. PREPARED FOOD AREAS								
10.1	Healthy Food and Beverage Policy	Establish and implement a healthy food and beverage policy as rigorous as the Fitwel Food and Beverage Standard in a prepared food area	4.19	2.09	—	0.00	0.00	
10.2	Choice Architecture	Implement choice architecture practices in a prepared food area	3.91	1.96	—	0.00	0.00	
10.3	Pricing Incentives	Implement pricing incentive practices in a prepared food area	2.83	—	0.81	0.00	0.00	
10.4	Water Access	Provide access to free water supplies in a prepared food area	3.98	—	0.68	0.00	0.00	
			<i>Total Points Available / Anticipated</i>	14.91	4.95	1.49	0.00	0.00
11. VENDING MACHINES AND SNACK BARS								
11.1	Healthy Vending Machines and Snack Bars	Establish and implement a healthy food and beverage policy as rigorous as the Fitwel Food and Beverage Standard for vending machines and snack bars	1.68	—	1.68	0.00	1.68	
11.2	Vending and Snack Bar Choice Architecture	Implement choice architecture practices for vending machines and snack bars	1.68	—	1.68	0.00	1.68	
11.3	Vending and Snack Bar Pricing	Implement pricing incentive practices for vending machines and snack bars	1.38	—	1.38	0.00	1.38	
11.4	Water Access	Provide access to free water supplies near vending machines and snack bars	1.40	—	1.40	0.00	1.40	
			<i>Total Points Available / Anticipated</i>	6.14	3.06	4.42	0.00	4.42
12. EMERGENCY PREPAREDNESS								
12.1	Emergency Preparedness Plan	Establish and implement a comprehensive Emergency Preparedness Plan	1.12	—	—	1.12	0.00	
12.2	Automated External Defibrillator (AED)	Install a sufficient number of Automated External Defibrillators (AED)	2.24	—	—	0.00	2.24	
12.3	Certified First Responders	Provide a sufficient number of Certified First Responders (CFR)	0.84	—	—	0.00	0.84	
12.4	Emergency Address Notification	Provide an automated emergency address notification system	3.63	—	—	0.00	3.63	
			<i>Total Points Available / Anticipated</i>	7.83	0.00	4.16	4.16	4.16
			Total Anticipated Points	53		62		

- Included credits:

Bottle filling stations

Healthy food and beverage policy

Healthy snack bar

Emergency preparedness plan

Fitwel Scorecard

ID	SUB-TITLE	STRATEGY	POINTS AVAILABLE			ANTICIPATED POINTS		NOTES
			YES	AC	NA	YES / AC / NA	MAYBE	
9. WATER SUPPLY								
9.1	University Accessible Water Supplies	Provide a sufficient number of universally accessible water supplies	3.06	—	—	0.00	3.06	
9.2	Water Bottle Refilling Station	Provide bottle refilling stations at water supplies	1.40	—	—	0.00	1.40	
9.3	Water Quality	Conduct regular water quality testing	2.24	—	—	0.00	2.24	
			6.70	0.00	0.00	0.00	6.70	
10. PREPARED FOOD AREAS								
10.1	Healthy Food and Beverage Policy	Establish and implement a healthy food and beverage policy as rigorous as the Fitwel Food and Beverage Standard in a prepared food area	4.19	2.09	—	0.00	0.00	
10.2	Choice Architecture	Implement choice architecture practices in a prepared food area	3.91	1.96	—	0.00	0.00	
10.3	Pricing Incentives	Implement pricing incentive practices in a prepared food area	2.83	—	0.81	0.00	0.00	
10.4	Water Access	Provide access to free water supplies in a prepared food area	3.98	—	0.88	0.00	0.00	
			14.91	4.05	0.71	0.00	0.00	
11. VENDING MACHINES AND SNACK BARS								
11.1	Healthy Vending Machines and Snack Bars	Establish and implement a healthy food and beverage policy as rigorous as the Fitwel Food and Beverage Standard for vending machines and snack bars	1.68	—	1.68	0.00	1.68	
11.2	Vending and Snack Bar Choice Architecture	Implement choice architecture practices for vending machines and snack bars	1.68	—	1.68	0.00	1.68	
11.3	Vending and Snack Bar Pricing	Implement pricing incentive practices for vending machines and snack bars	1.38	—	1.38	0.00	1.38	
11.4	Water Access	Provide access to free water supplies near vending machines and snack bars	1.40	—	1.40	0.00	1.40	
			6.14	0.00	6.14	0.00	6.14	
12. EMERGENCY PREPAREDNESS								
12.1	Emergency Preparedness Plan	Establish and implement a comprehensive Emergency Preparedness Plan	1.12	—	—	1.12	0.00	
12.2	Automated External Defibrillator (AED)	Install a sufficient number of Automated External Defibrillators (AED)	2.24	—	—	0.00	2.24	
12.3	Certified First Responders	Provide a sufficient number of Certified First Responders (CFR)	0.84	—	—	0.00	0.84	
12.4	Emergency Address Notification	Provide an automated emergency address notification system	3.63	—	—	0.00	3.63	
			7.83	0.00	0.00	0.00	7.83	
			Total Anticipated Points		53	62		

Fitwel Scorecard

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11.2	Vending and Snack Bar Choice Architecture	Implement choice architecture practices for vending machines and snack bars	1.68	—	1.68	0.00	1.68	
11.3	Vending and Snack Bar Pricing Incentives	Implement pricing incentive practices for vending machines and snack bars	1.96	—	1.96	0.00	1.96	
11.4	Water Access	Provide access to free water supplies near vending machines and snack bars	1.40	—	1.40	0.00	1.40	
Total Points Available & Implemented			6.72	0.00	6.72	0.00	6.72	

- Aspirational strategies for long-term occupant health
- Operational choices vs. building design specifications
- How do we achieve these goals? Do we?
- Does this fit with the Bellingham Promise?

Discussion

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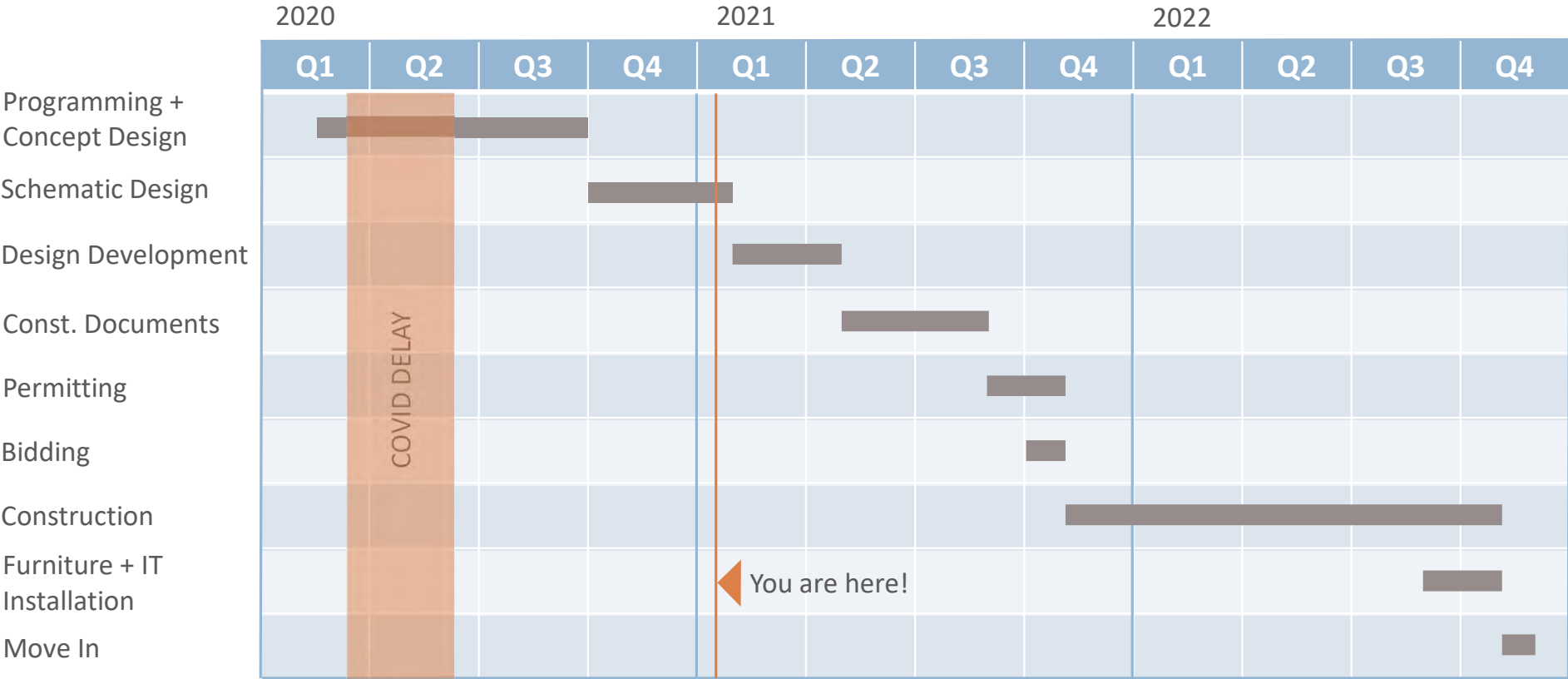
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 - Over the past several months the DAC has been instrumental in giving form to the design of the building. Now that the building is coming more clearly into focus, what has you most excited about the project?
- Although completion of Schematic Design is a significant milestone, we are still in the early stages of the design process. What questions or wonders do you have that have not yet been answered?

Next Steps

Schedule



Next Steps

- Cost Estimating In Progress
- Interior CAD Model In Progress
- Acoustic Performance Review 3rd Week of January
- Value Engineering/Analysis 4th Week of January
- Department Meetings Late January/Early February
- Sustainability w/ Focus Group TBD