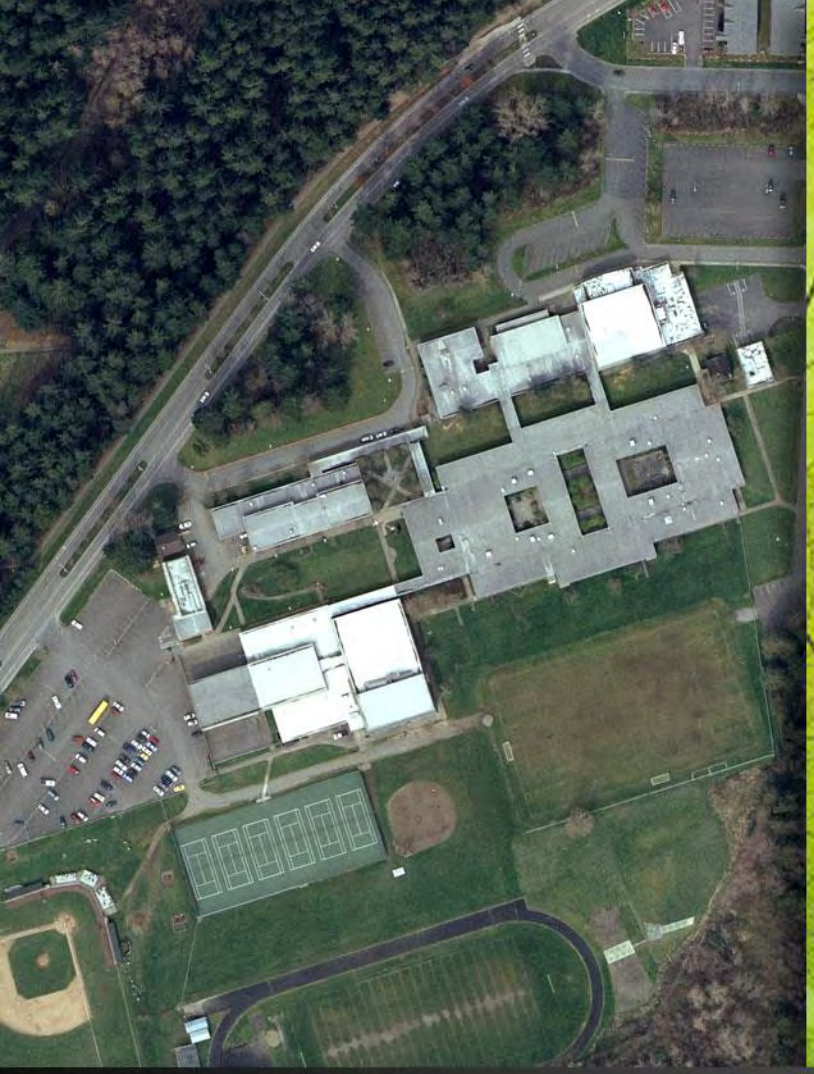


Sehome High School

Design Advisory Committee Sixth Workshop

March 1, 2016

Bellingham Public Schools

DYKEMAN
INSPIRING EVERYDAY SPACES



Bellingham Public Schools
a collective commitment

GUIDING PRINCIPLES for Sehome High School V1.3

Guiding Principles and Supporting Indicators:

(The numbering does not set priority or establish a hierarchy it is purely for navigation and reference purposes.)

1. **The physical characteristics of the school should inspire learning.**
   - **1.1.** The school is visually connected to the environment and has abundant natural light.
   - **1.2.** The image of the school will inspire its occupants, welcome the community and strengthen the positive identity and distinctiveness of Sehome High School in the community.
   - **1.3.** The building must be state of the art, modern, beautiful and provide space for personalization.
2. **Great teachers are supported – collaboration space and technology should facilitate and support teacher professional development and instruction.**
   - **2.1.** Provide space for staff collaboration and team building.
   - **2.2.** Provide adaptable / accessible spaces and technology that supports 21st century learning.
   - **2.3.** Provide ample space for teaching and learning.
   - **2.4.** Spaces are adaptable for a variety of activities and lessons.
   - **2.5.** Facility resources are easily accessible to maximize efficiency.
3. **Occupants enjoy a safe, inclusive welcoming, healthy and nurturing environment that supports diversity, promotes relationships and nurtures innovation.**
   - **3.1.** All students of Sehome should feel like a part of the Mariner culture.
   - **3.2.** The school provides access to spaces that support a variety of learning styles.
   - **3.3.** Provide space to allow for celebration of all student successes.
   - **3.4.** Provide student focused spaces that promote positive social interaction of various group sizes.
   - **3.5.** The school will promote easy navigation and have no barriers to student and staff access.
   - **3.6.** Diverse interests and abilities of all students are accommodated.
   - **3.7.** The school provides equitable access to all facilities and programs.
   - **3.8.** The school provides an environment that is accessible (ADA).
   - **3.9.** The school provides a safe and comfortable environment by having a consistent indoor temperature, high indoor air quality, natural light in all regularly occupied spaces and furniture that is flexible and appropriate to the specific spaces.
   - **3.10.** Healthy food is celebrated.
   - **3.11.** The school incorporates CPTED elements to mitigate criminal activities.

3.12. The school utilizes safety technology to enhance emergency communication, security, site surveillance, and access control.

4. **The physical characteristics of the school environment should meet current teaching and learning needs and adapt to future needs.**
   - **4.1.** The infrastructure of the school will support current and future technology.
   - **4.2.** Collaborative spaces are provided to encourage regular use by staff and students.
   - **4.3.** Spaces in the building are adaptable to a variety of activities (focused on teaching and learning).
   - **4.4.** The learning environments promote ownership by being adaptable by teachers and students.
   - **4.5.** The building accommodates diverse interests and abilities by providing a variety of flexible, highly functional, lab spaces that are able to adapt to a variety of project based learning spaces.
5. **The school is a hub of activity, a source of community pride and promotes positive relationships between students, staff and the community.**
   - **5.1.** The main entry should feel welcoming and foster a sense of pride.
   - **5.2.** Provide facilities that support learning past the bell schedule and beyond the campus.
   - **5.3.** Provide space for outside organizations that promotes community use.
   - **5.4.** The building showcases pride in curricular, co-curricular and extra-curricular activities.
   - **5.5.** The facility and grounds include ample space for exhibition of the current and past student creativity and contributions that promotes pride of ownership and celebration of Sehome.
6. **The campus will be a sustainable environment that promotes global citizenship and environmental awareness.**
   - **6.1.** Provide sustainable practices that promotes environmental awareness and educates its occupants
   - **6.2.** The campus will include connections to outdoor environments for exploring, learning, play and environmental stewardship.
   - **6.3.** The school will take advantage of the natural beauty of the site and views to benefit the learning environment.
   - **6.4.** The school will re-purpose materials from the current school where possible and use all resources prudently.
   - **6.5.** The school will be functional and authentically Pacific Northwest: modern, pleasing and maintaining the culture of sustainability.
   - **6.6.** The building will be durable and easy to maintain.
   - **6.7.** The project will exceed the Washington State School Protocol (WSSP) required by the Washington State Office of the Superintendent of Public Instruction (OSPI).

Focus Groups

SEHOME FOCUS GROUP WORK SESSIONS

02.16.2016		
7:40am to 8:35am	I	World Language
8:40am to 9:30am	E	Math
9:30am to 10:00 am		Learning Center Brenda Apt
10:05am to 10:55am	D	Language Arts
11:00am to 12:25pm	C	Science
12:30pm to 1:20pm	KL	P.E. & Health
1:25pm to 2:15pm	B	Social Studies
2:15pm to 3:00pm	F	Library
3:00pm to 4:00pm	U	Security

02.17.2016		
7:40 am to 8:40am	A	GRADS
8:45am to 10:00am	X	Custodial
10:00am to 12:00pm	MN	Administration
12:00pm to 1:15pm	R	Counseling/Registrar
1:15pm to 2:00pm	P	Food Service
2:00pm to 3:00pm		Secretarial
3:00pm to 4:00pm	T	Transportation

02.18.2016			
7:45 am to 9:00am	H	SPED L/S	Resource
9:00am to 10:20am	Q	Athletics/Extra Curr	
10:20am to 12:00pm	O	CTE	G Art
12:00pm to 12:40pm		Student Services Brewster	
12:40pm to 2:15pm	J	Performing Arts	
2:25am to 3:00pm			
3:00pm to 4:00pm	V	Technology	

** Maintenance to be held at Maintenance's Offices 2/23 9-11am.

WORLD LANGUAGE

General Information

- This is the main instructional area that should support a variety of instructional formats, including whole-class presentations/ lectures to small/ large group collaboration & individual work/ testing times

Planned Usage

- Large group activities
- small group/ independent activites
- Provide collaborative space for group work including designated screen/ white board for international communication
- Provide sound proof booths for filming and ASL projects
- Language Lab
- Dance
- Presentation
- Weekly, monthly collaborative staff meetings

User Information

- 20-35 students per class
- 1 teacher
- 4-10 WWU assistants per class

Groupings - what sizes or types of groups are envisioned to use this space?

- Classrooms with flexibility to accommodate up to 40 (students, interns, WWU students)
- Provide areas for large group, small group, and individual seating
- Collaborative Space/ Language Lab as a dedicated large capacity space (individual and group work flexibility) - 3 to 4 classes for movies/ singing, dancing, and World Cup event in Spring

Proximity Requirements

- Extended learning areas
- Proximity to restrooms
- Adjacent to Language Lab
- Adjacent to Theater/ large space for singing and movies (tiered seating)
- Grouped with other World Languages Classes (share resources)
- Courtyard Access
- Display of student projects/ work

Spatial Requirements

- ASL: Filming booth for students

Support Facilities

- Common Space for Offices
- Extended learning area

Intended Community or Adult Education use

- Accomidate outside clubs, dance groups
- Film Showings

Environmental Variables

- HVAC - Thermostat in every room
- Lighting - operable windows for daylighitng and fresh air, blinds for presentations, florescent lighting
- Acoustics - Soundproof classrooms (keep sounds within classrooms), ASL: acoustically separate spaces, sound proof curtains

Utilities

- Plumbing - Full kitchen in collaboration space, sink and drinking fountain in every classroom,
- Electrical - Outlets along all walls and presentation area
- Communications - Phone
- Technology - Presentation area with keyboards and active boards, personal computer station

Finishes

- Carpet at the front of classroom (for reading circles/ presentations)

Storage Requirements

- One wall per classroom dedicated to built in supply closet, counter with drawers and cabinets/ open shelving, sink, water fountain
- Book shelves with cabinets above
- Storage for classroom text books

Display Requirements

- Tackable Surface
- Active Boards
- Magnetic White Boards
- Student works displays

Furniture and Equipment - provide description of the furniture and equipment necessary for the space to function as envisioned

- Movable student stations with height adjustable chairs/ flexible furnishings
- Some large tables
- Teacher work station with desk and movable chair
- Active board, computer, table presentation station

Design Advisory Committee 6th Workshop

- Flexible study
- ASL - pull up desk
- Individual seating
- 1:1 student/ device ratio if no language lab
- Changeable backdrop for ASL filming booth
- Interactive Capabilities
- Multi-media, audio/ video (Skype, filming booth)
- Microwave in collaborative space kitchenette

Other Essential Information

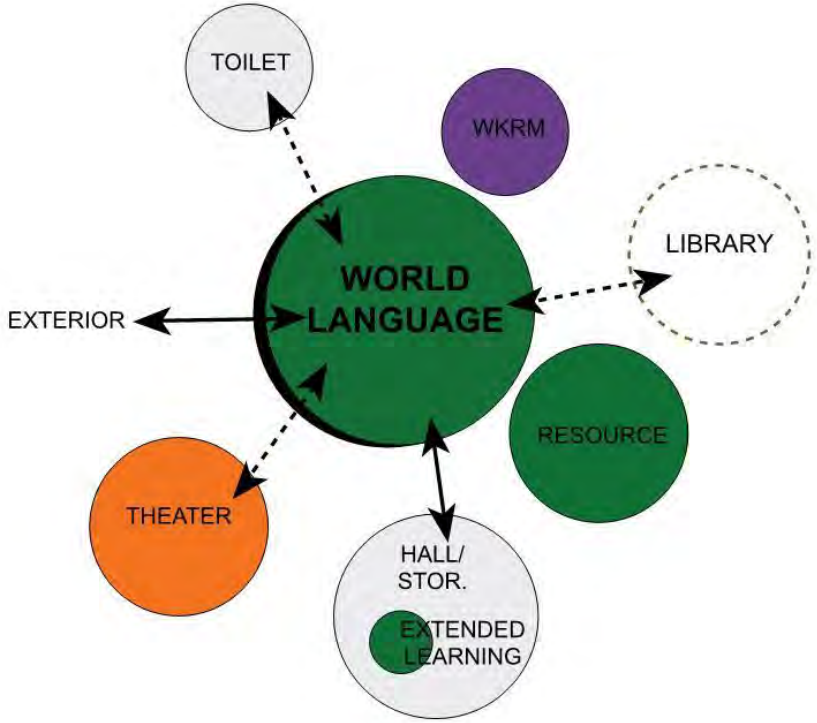
- There is movement, many people pass through this space
- Students need to see each other & move around to converse

ADJACENCY DIAGRAMS

↔ • *DIRECT CONNECTION*

⇠ - - → • *INDIRECT CONNECTION*

NO ARROW • *CLOSE PROXIMITY*



Site Diagraming Exercise





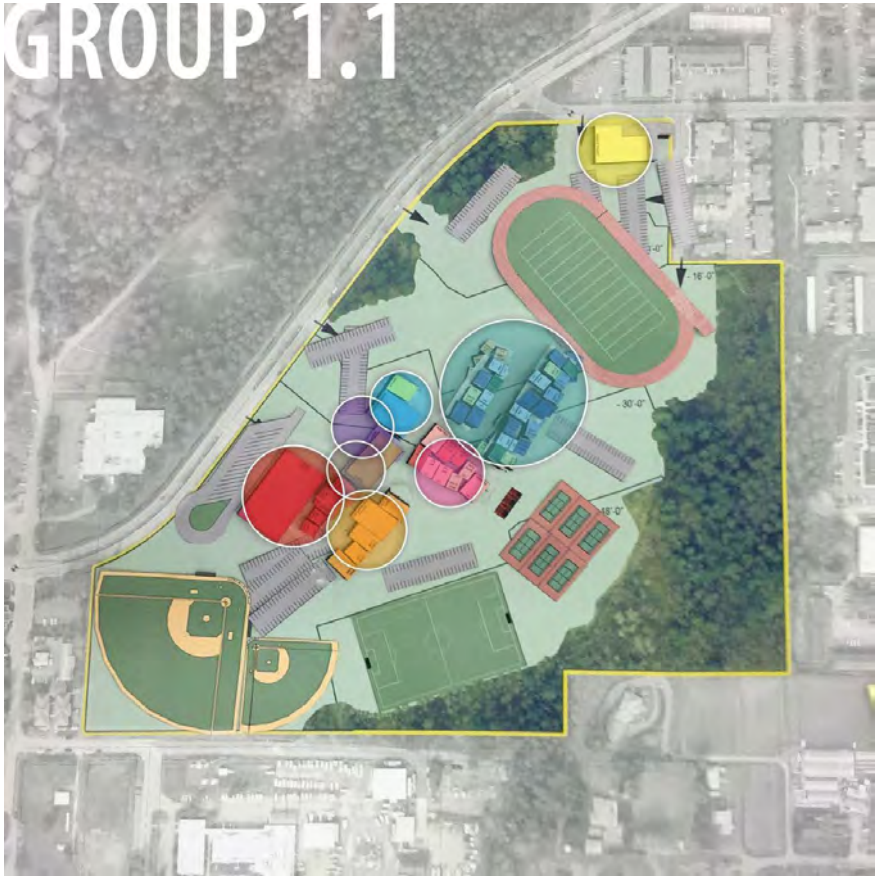








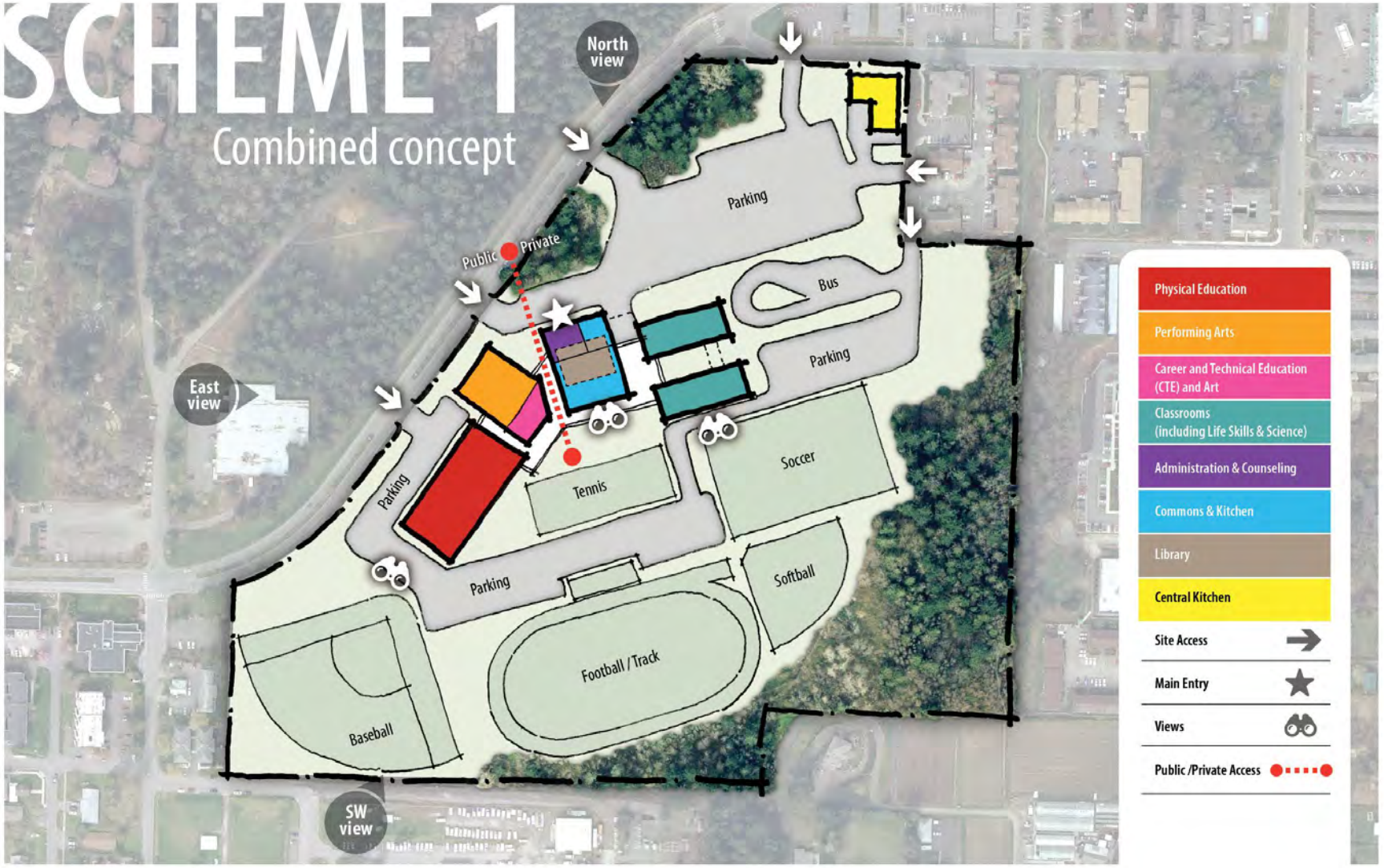
Scheme 1





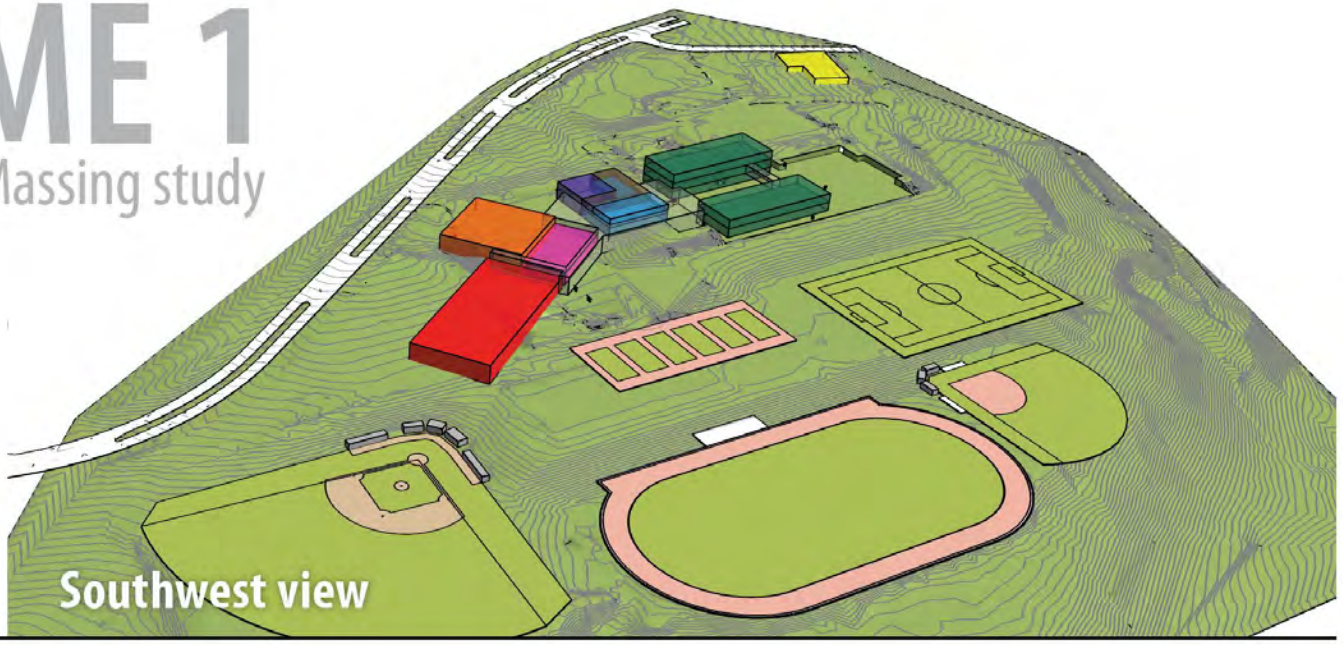
SCHEME 1

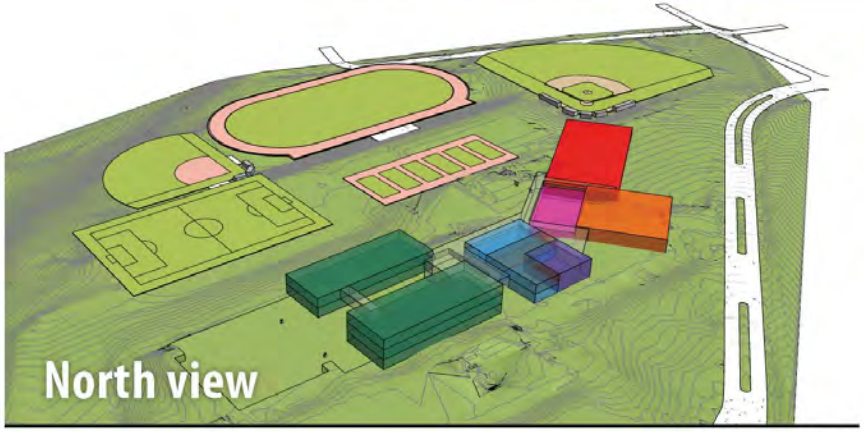
Combined concept

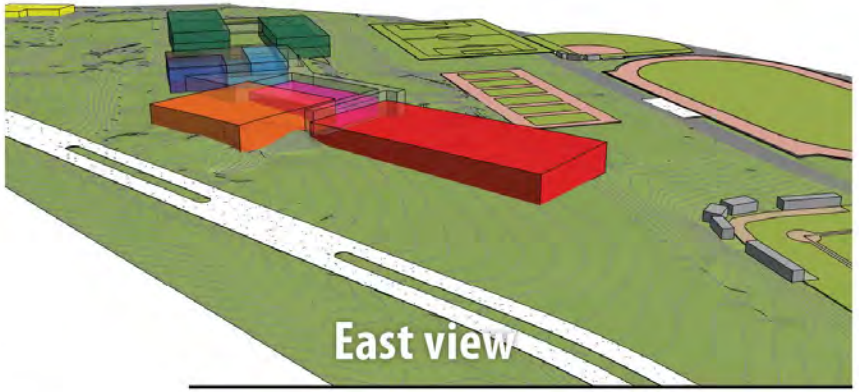


SCHEME 1

Massing study





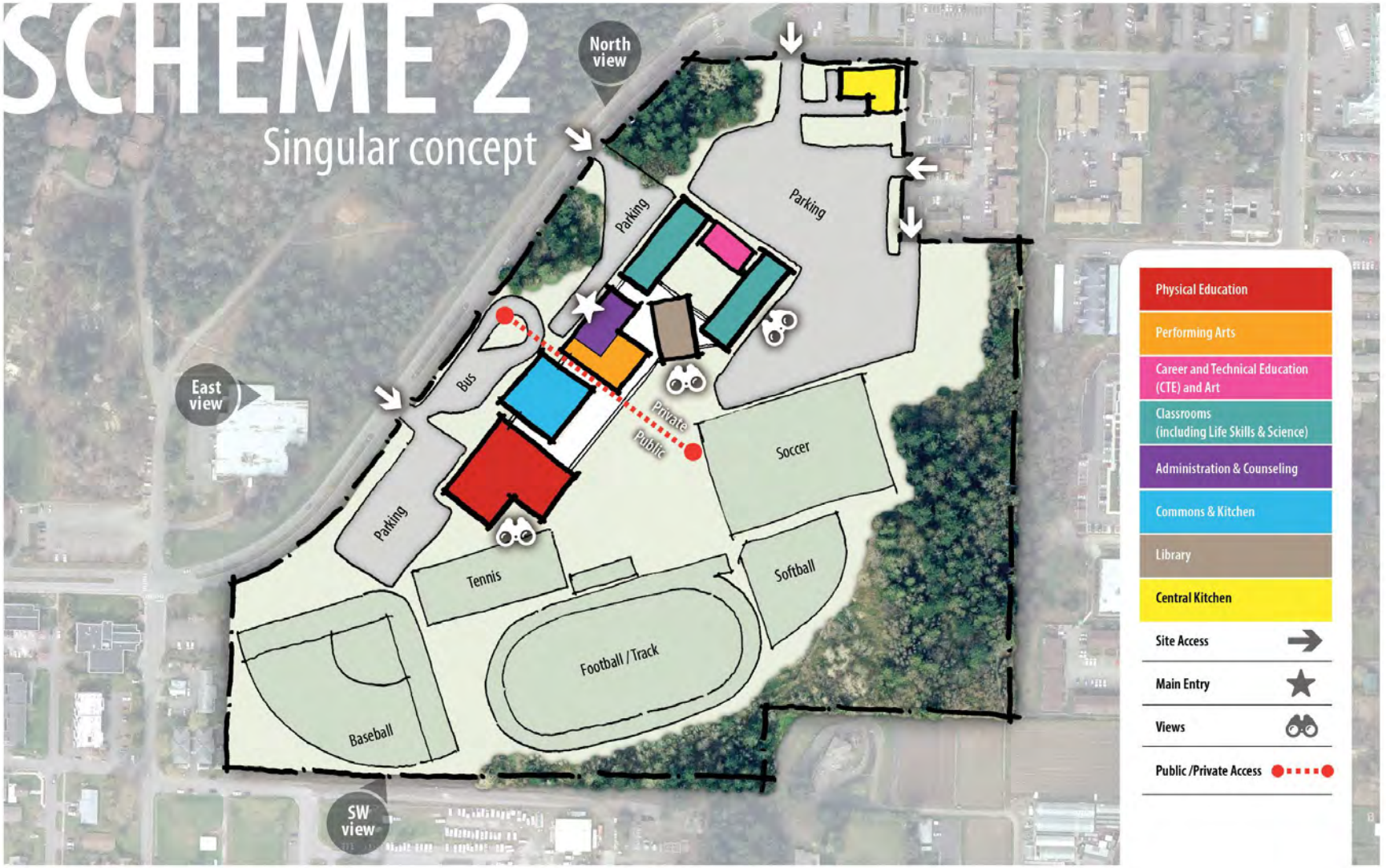


Scheme 2



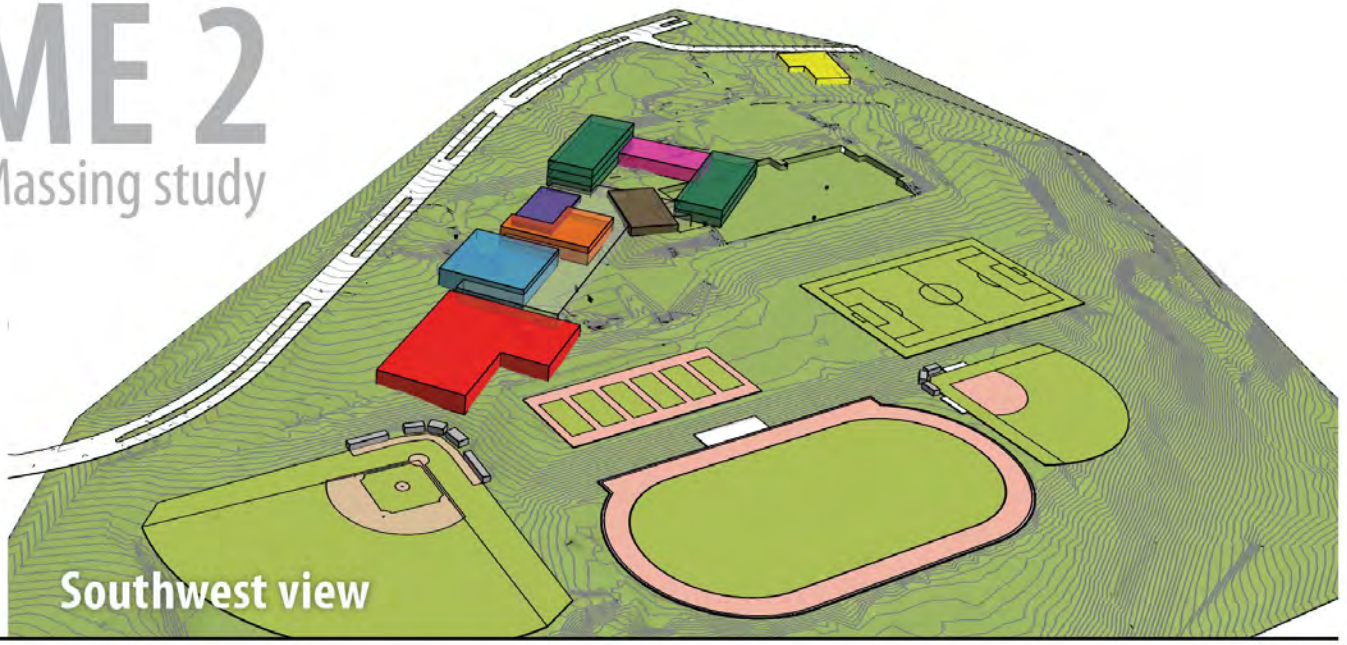
SCHEME 2

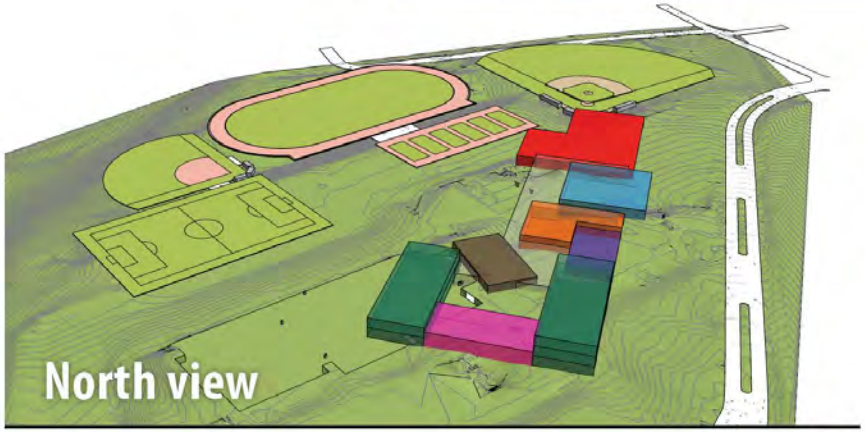
Singular concept

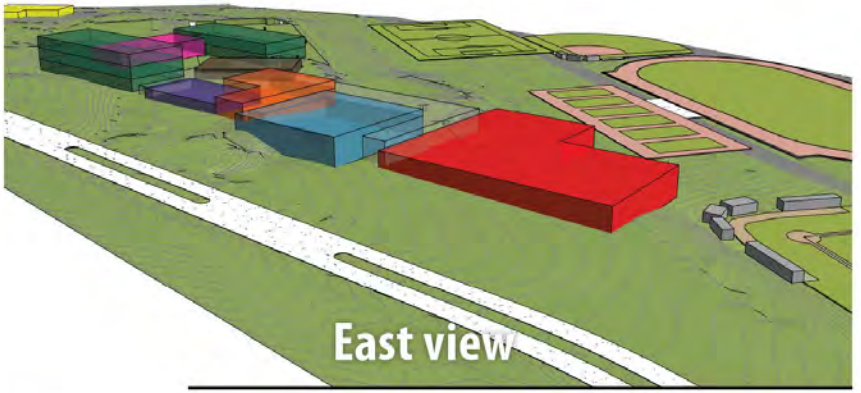


SCHEME 2

Massing study

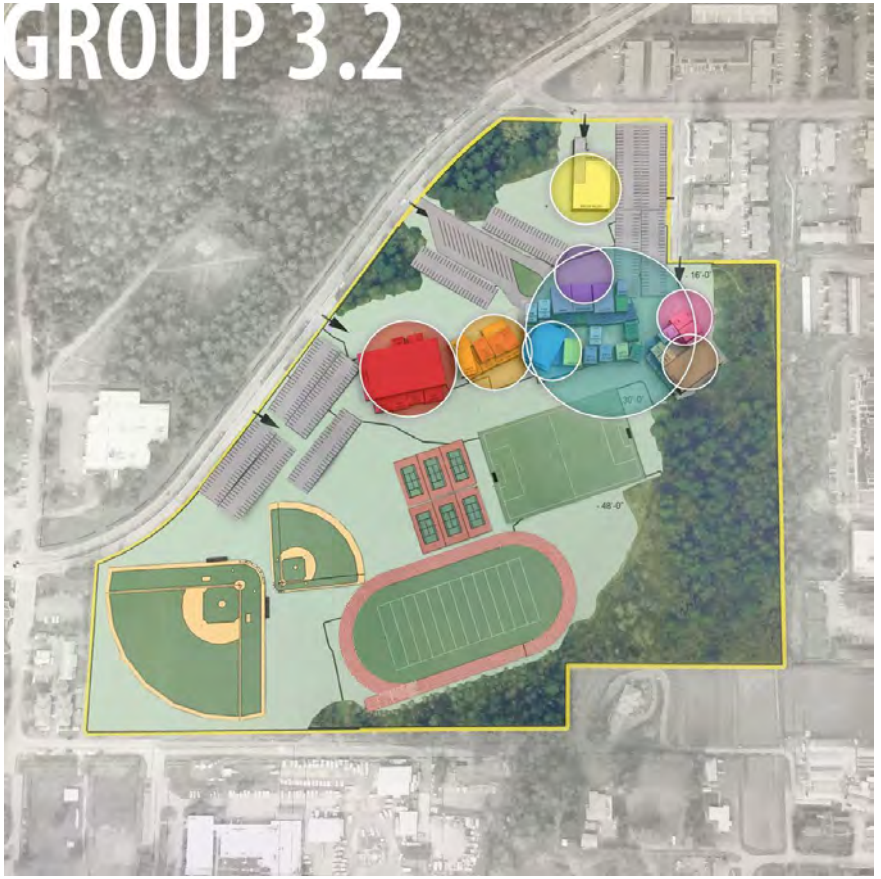






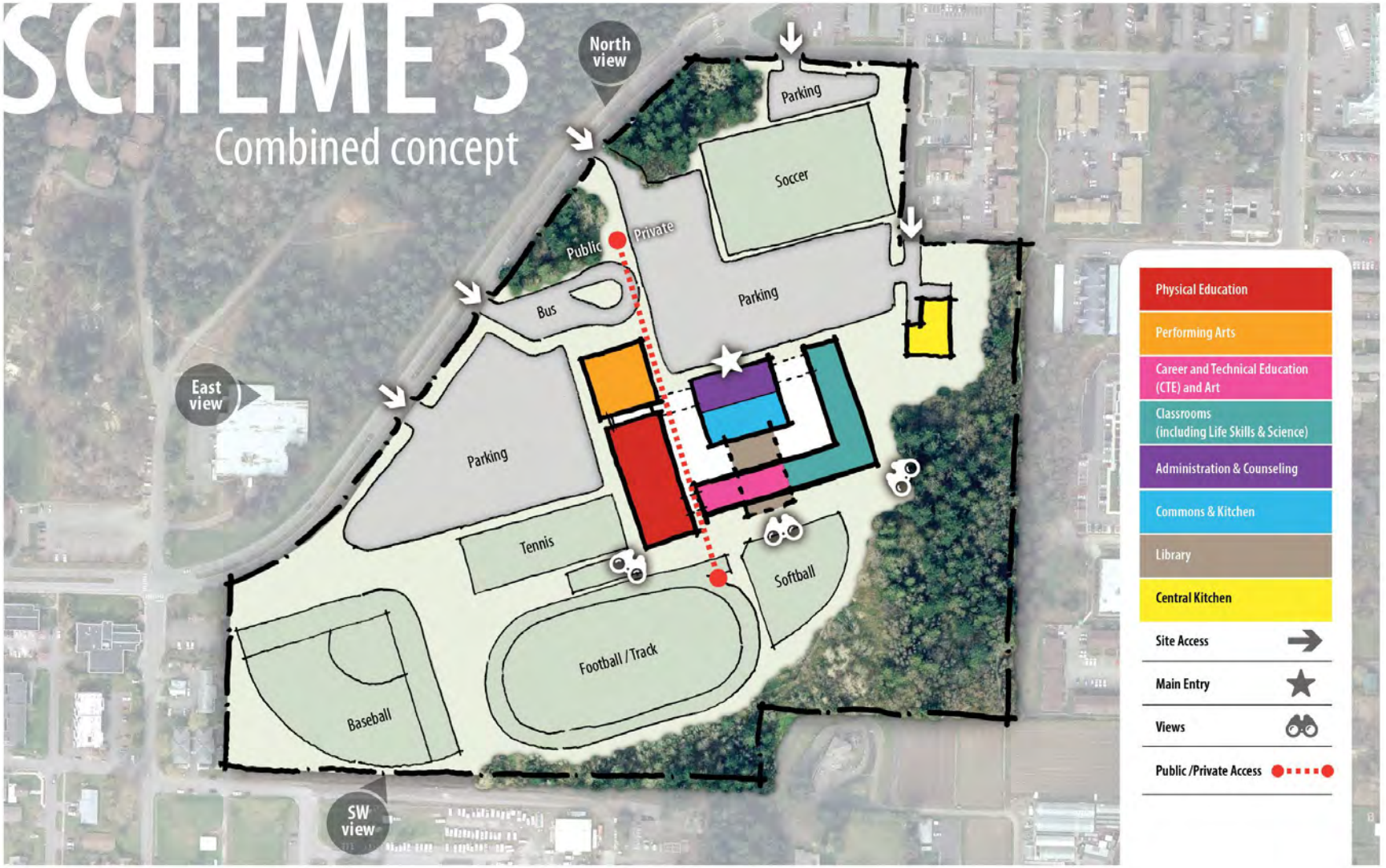
Scheme 3





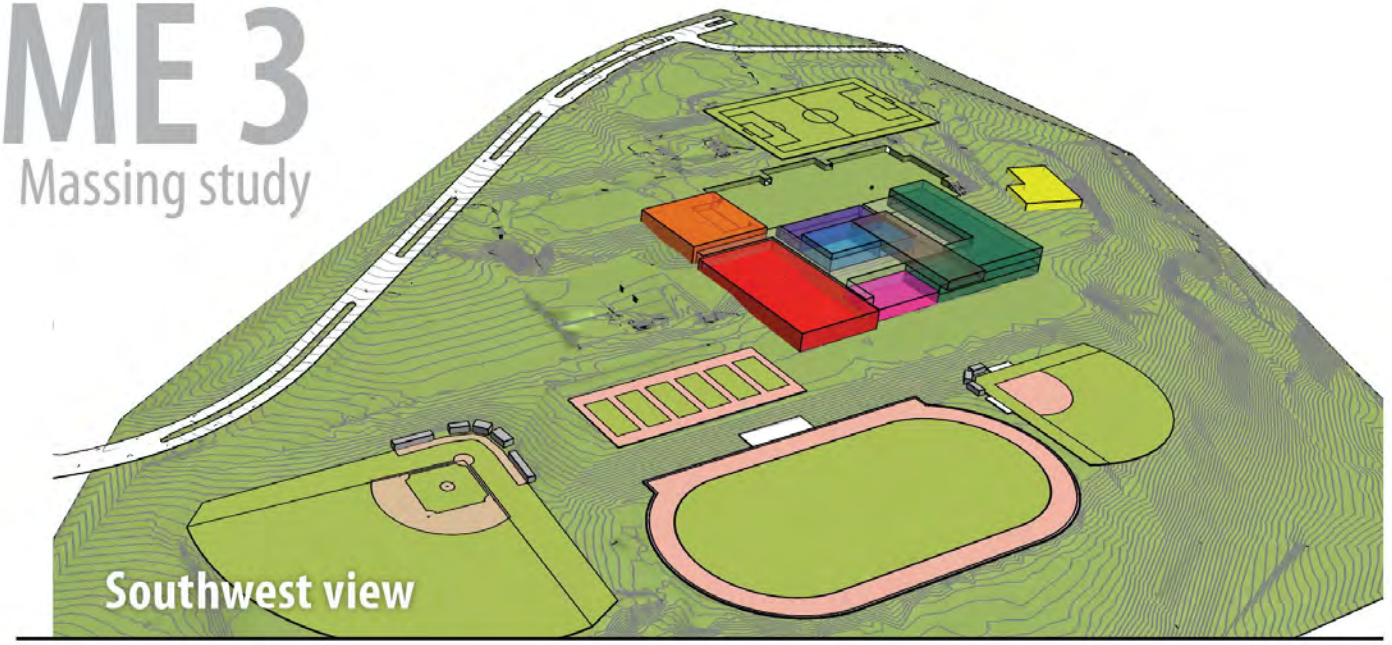
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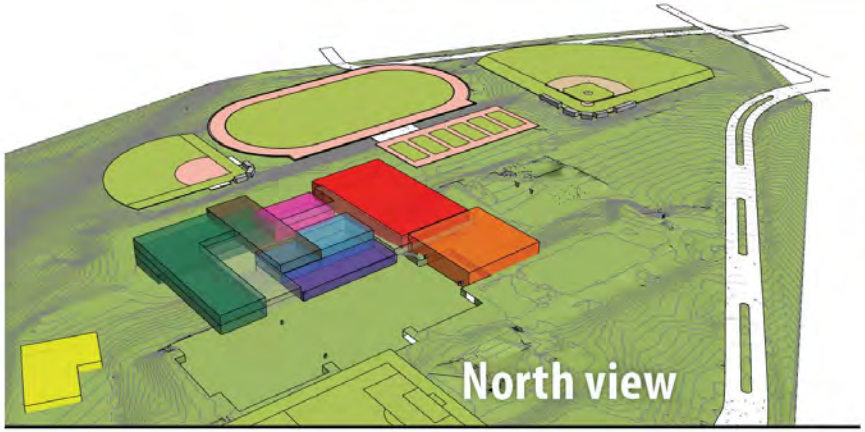
Combined concept

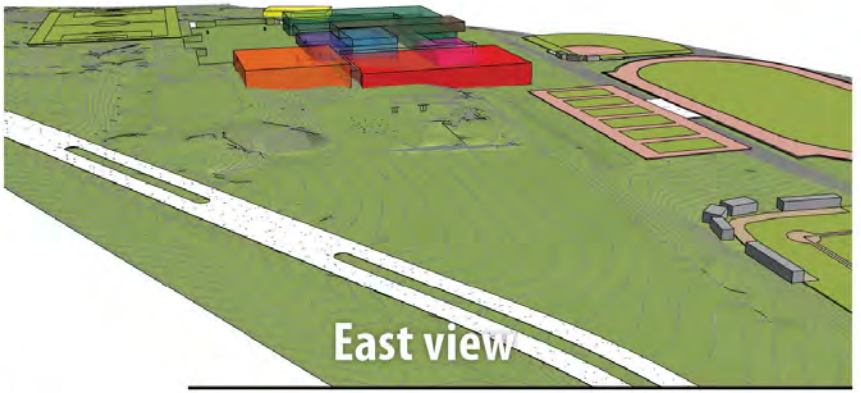


SCHEME 3

Massing study







SEHOME A NEW 1,200 STUDENT SCHOOL

03.01.2016

DRAFT Area Allocation Schedule

DRAFT Description of Space	Student Stations /Space	Student Stations Total	Teaching Stations	S.F./ Space	No. of Spaces	S.F. Totals	Approx. Size	
ADMINISTRATION								
Principal				310	1	310	15	20
Assistant Principal				120	3	360	17	22
Athletic Director Office				120	1	120	10	12
Office Secretary				70	1	70	7	10
Office Manager				70	1	70	7	10
Student Services Reception				500	1	500	20	25
Attendance Secretary				150	1	150	11	14
Dean of Students / Itinerant Office				120	1	120	10	12
ASB Office				200	1	200	12	16
Workroom				300	1	300	15	20
Mailboxes				50	1	50	6	8
Storage				220	1	220	13	17
Conference Room				330	1	330	16	21
Compus Monitor				120	1	120	10	12
	SUBTOTAL	0				2920	47	62

COUNSELING								
Guidance Councelor				110	6	660	23	29
SPED Secretary				120	1	120	10	12
Registrar				150	1	150	11	14
Waiting				110	1	110	9	12
Records Storage				150	1	150	11	14
Small Conference Room				200	1	200	12	16
Workroom				250	1	250	14	18
Career Center	28	0		900	1	900	26	34
Toilet				56	1	56	7	9
Storage				100	1	100	9	11
	SUBTOTAL	0				2696	46	59
NURSE								
Health Room / Cots				150	1	150	11	14
Waiting Area				100	1	100	9	11
Health Room Office				100	1	100	9	11
Isolation Room				80	1	80	8	10
Storage				50	1	50	6	8
Toilet / Shower/Laundry				90	1	90	8	11
	SUBTOTAL	0				570	21	27
FACULTY								
Staff Lounge				600	1	600	21	28
Common Planning / Community Partner / PLC				400	4	1600	35	46
Conference Room				250	1	250	14	18
Toilets				56	2	112	9	12
	SUBTOTAL	0				2562	44	58

CORE INSTRUCTION								
General Ed Classrooms	28	616	22	850	22	18700	120	156
Extended Learning Areas				1600	6	9600	86	112
Existing Portable Classrooms								
	SUBTOTAL	616	22		Subtotal:	28300	148	192
SCIENCE								
Science Classrooms	24	192	8	1300	8	10400	89	116
Project Rooms								
Office								
Greenhouse								
Shared Prep Areas				400	4	1600	35	46
	SUBTOTAL	192	8		Subtotal:	12000	96	125
LIFE SKILLS								
Life Skills Classroom	12	36	3	900	3	2700	46	59
Resource Classroom	28	84	3	850	3	2550	44	58
Entry				100	1	100	9	11
Quiet Rooms				200	1	200	12	16
Breakout Rooms				200	1	200	12	16
Kitchen/Laundry				400	1	400	18	23
Toilet/Shower w/ Hoyer Lift				150	1	150	11	14
Conference / Testing				150	1	150	11	14
Storage				250	1	250	14	18
Shared Office - OT/PT/Paras/SLP				400	1	400	18	23
	SUBTOTAL	120	6		Subtotal:	7100	74	96

LIBRARY/MEDIA CENTER									
Library									
Stacks & Study	56	0		2500	1	2500	44	57
Learning Lab	28	56	2	1100	2	2200	41	53
Office				108	1	108	9	12
Work Area				300	1	300	15	20
Help Desk				200	1	200	12	16
Book Storage				300	1	300	15	20
	SUBTOTAL	56	2		Subtotal:	5608	66	85
PHYSICAL EDUCATION/ATHLETICS								
Gymnasium	56	56	2	12000	1	12000	96	125
Av Closet								
Auxiliary Gymnasium	28	28	1	5600	1	5600	66	85
Fitness Room	28	28	1	4000	1	4000	55	72
Weight Room	28	28	1	3200	1	3200	50	64
Gymnastics								
Health Classrooms / Team Room	28	28	1	950	1	950	27	35
Drying Room				220	1	220	13	17
Locker Rooms				2200	2	4400	58	76
Transgender Locker Room				150	1	150	11	14
PE Teacher Offices				120	3	360	17	22
Coaches Offices				120	0	0	0	0
Staff Lockers / Showers / Toilets				320	2	640	22	29
Laundry				150	1	150	11	14
PE Equipment Storage				250	3	750	24	31
Athletics Equipment Storage				300	2	600	21	28
Covered Play Area				0	0.5	0	0	0
Athletic Training Lab (CTE)	28	28	1	1000	1	1000	28	36
Ticket Booth								

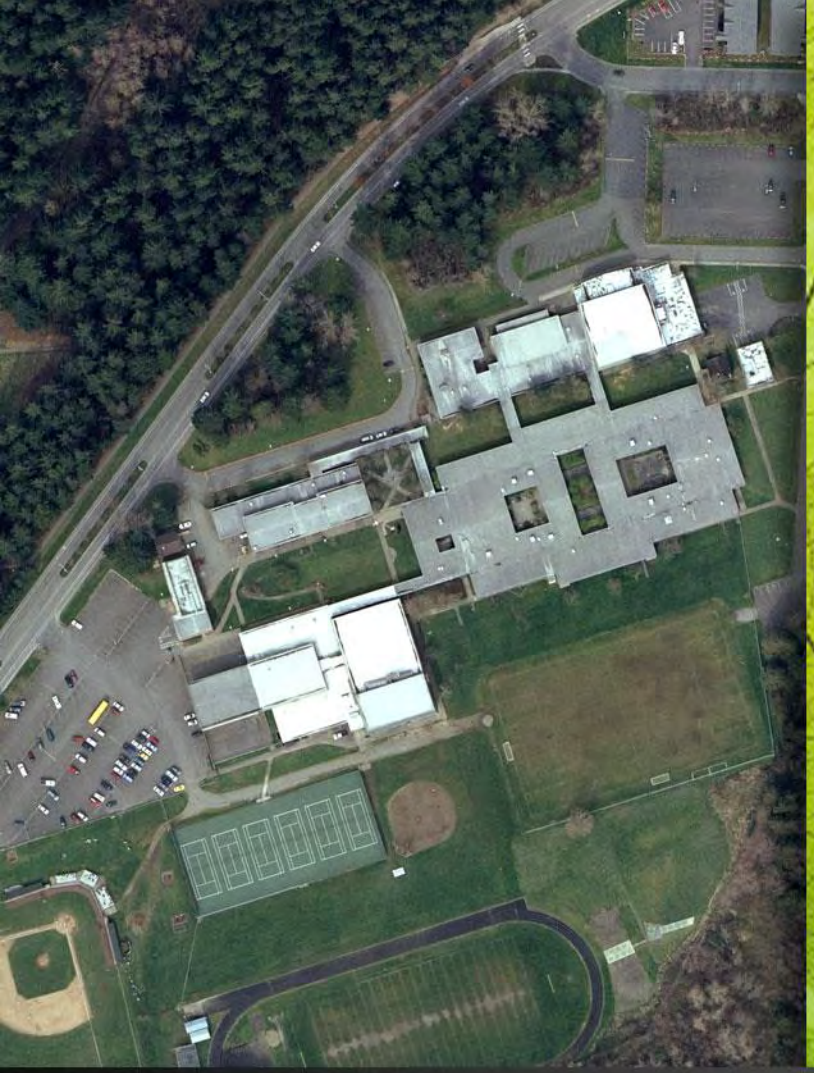
Field Restrooms				150	2	300	15	20
Concessions				180	1	180	12	15
	SUBTOTAL	196	7			34500	37	48
CAREER TECHNICAL EDUCATION								
Manufacturing Robotics Lab	28	28	1	2500	1	2500	44	57
Teacher Office				120	1	120	10	12
Equipment/Supply Storage				250	1	250	14	18
Project Storage				500	1	500	20	25
Applied Physics LAB	28	84	3	1200	3	3600	53	68
CTE Computer Lab / 3D Printers	15	15	0	700	1	700	23	30
Marketing / DECA	28	20	1	1000	1	1000	28	36
Storage				250	1	250	14	18
Culinary Arts Classroom	28	28	1	1500		0	0	0
Office / Storage				150		0	0	0
Storage				250		0	0	0
	SUBTOTAL	175	6			8920	37	48

PERFORMING ARTS								
Performing Arts Theater	0	0		4500	1	4500	59	76
Scene Assy + Storage + Costume Stor.				800	1	600	21	28
Stage				3000	1	3000	48	62
Control Booth				150	1	150	11	14
Drama Classroom	28	28	1	850	1	850	26	33
Dressing Rooms				400	2	800	25	32
Orchestra Office				108	1	108	9	12
Choir Classroom	28	28	1	1400	1	1400	33	43
Choir Office				108	1	108	9	12
Band / Orchestra Classroom	28	28	1	2100	1	2100	40	52
Band Office				108	1	108	9	12
Music Storage				200	1	200	12	16
Music Practice Rooms				70	5	350	16	21
Instrument Storage				300	1	300	15	20
Band Storage - Percussion/Uniform				200	1	200	12	16
Shared Ensemble Room				175	1	175	12	15
Choir Storage + Robes				150	1	150	11	14
	SUBTOTAL	84	3			15099	37	48
VISUAL ARTS								
Classrooms 2D + 3D	28	56	2	1500	2	3000	48	62
Teacher Office Shared				108	1	108	9	12
Pug Mill				80	1	80	8	10
Slab Roll				100	1	100	9	11
Extractor				80	1	80	8	10
Glazing Room				100	1	100	9	11
Drying Room				100	1	100	9	11
Kiln Room (Outside?)				300	1	300	15	20
Equipment/Supply Storage				400	1	400	18	23
	SUBTOTAL	56	2			4268	37	48

COMMONS								
Dining				7000	1	7000	73	95
Kitchen				2200	1	2200	41	53
Servery				800	1	800	25	32
Exterior Loading Bay				427	0.5	214	13	17
A/V Closet				50	1	50	6	8
Book Storage								
Student Project Area								
Stage				0	0	0	0	0
Table and Chair Storage				0	0	0	0	0
Parent Volunteer (PTA) Storage				100	1	100	9	11
Indoor Gathering Area				500	1	500	20	25
	SUBTOTAL	0	0			10864	91	119
GRADS								
Infants	8	0		540	1	540	20	26
Toddlers	14	0		540	1	540	20	26
Pre-K	24	24	1	850	1	850	26	33
Toilet				80	1	80	8	10
Quiet Room				50	1	50	6	8
Child Play Area				250	1	250	14	18
Outdoor Play Area				600	0	0	0	0
Storage				100	1	100	9	11
	SUBTOTAL	24	1			2410	37	48

BUILDINGS SUPPORT AREAS								
Main Entry				500	1	500	20	25
Student Lockers								
Toilets								
Staff Unisex Toilet				56	6	336	16	21
Boys Large				230	5	1150	30	39
Girls Large				230	5	1150	30	39
Main Custodial Room				300	1	300	15	20
Office				80	1	80	8	10
Custodial Closets				80	5	400	18	23
Storage				0	0	0	0	0
SUBTOTAL		0	0			3916	55	71

BUILDING TOTALS	Student Stations	Teaching Stations				
Subtotal All Areas	1519	57			141733	SF
Mech/Elec Areas @			9.00%	of Net	12756	SF
Circulation, Walls @			25.00%	of Net	38622	SF
TOTAL GROSS BUILDING AREA					193111	SF
School Capacity:	1200				161	SF / Student
Efficiency:	79%					
				DELTA	**17488**	



Next Meeting

- GC/CM Involvement
- Adjacency Diagramming Exercise
- Tuesday March 15, 2016

Bellingham Public Schools

DYKEMAN
INSPIRING EVERYDAY SPACES

