DYKEMAN

Bellingham Public Schools
a collective commitment

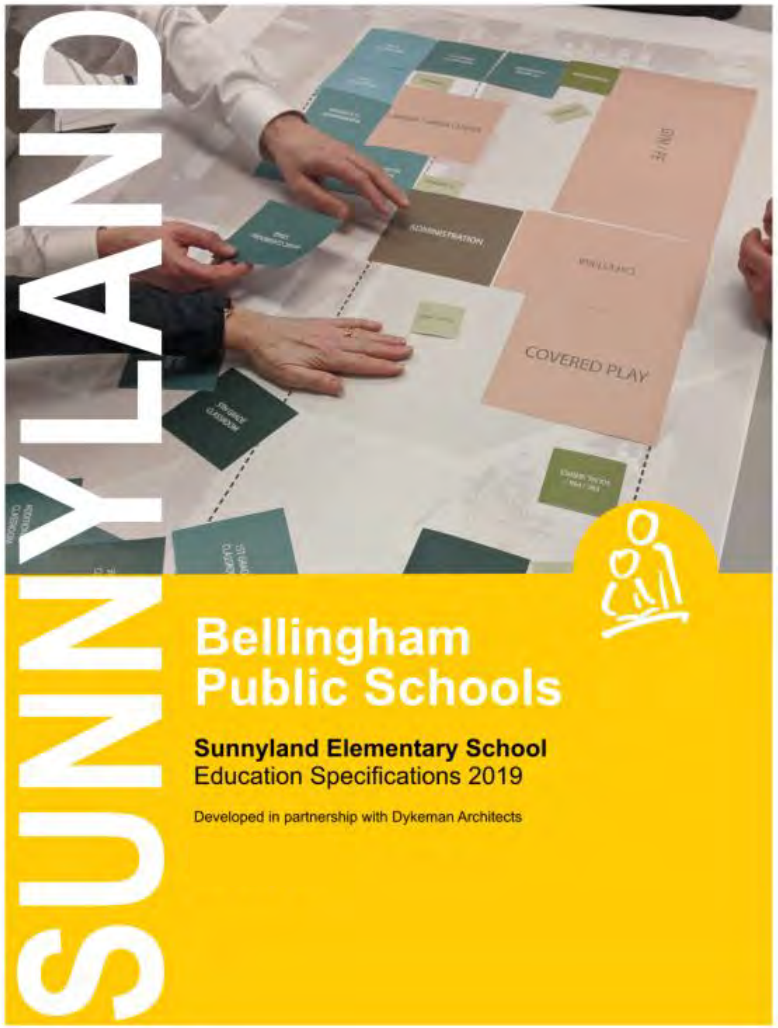


BPS Sunnyland Elementary School

DAC: Schematic Design Presentation

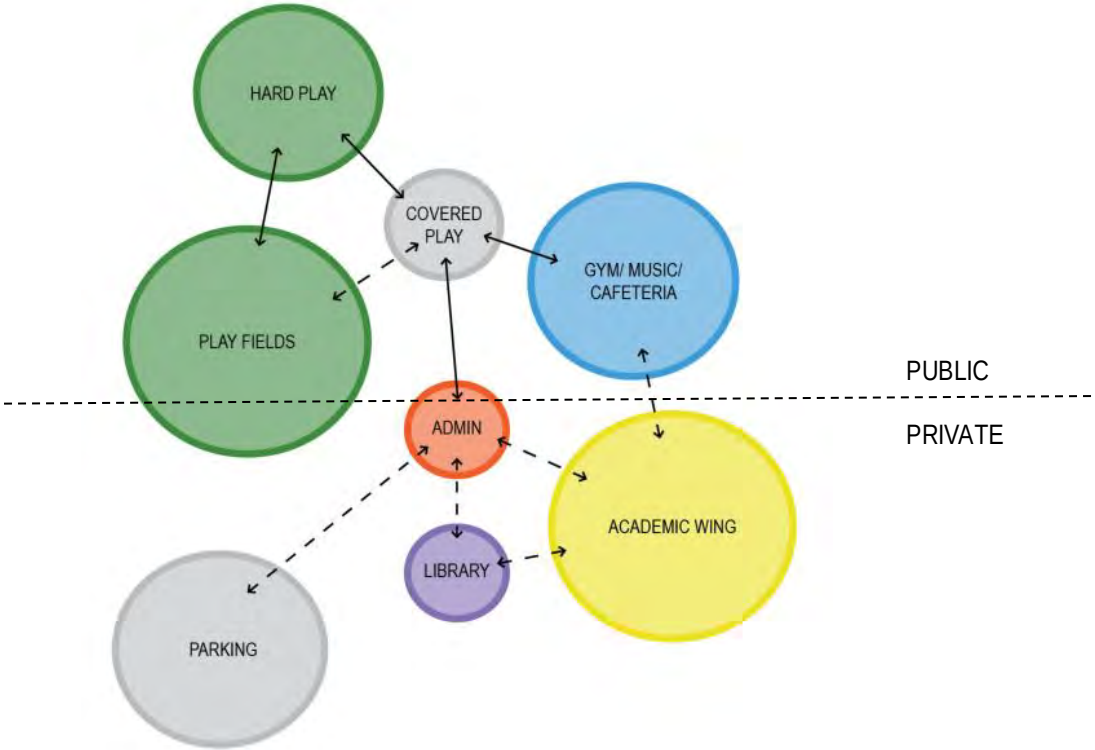
September 23, 2020

Educational Specifications/DAC

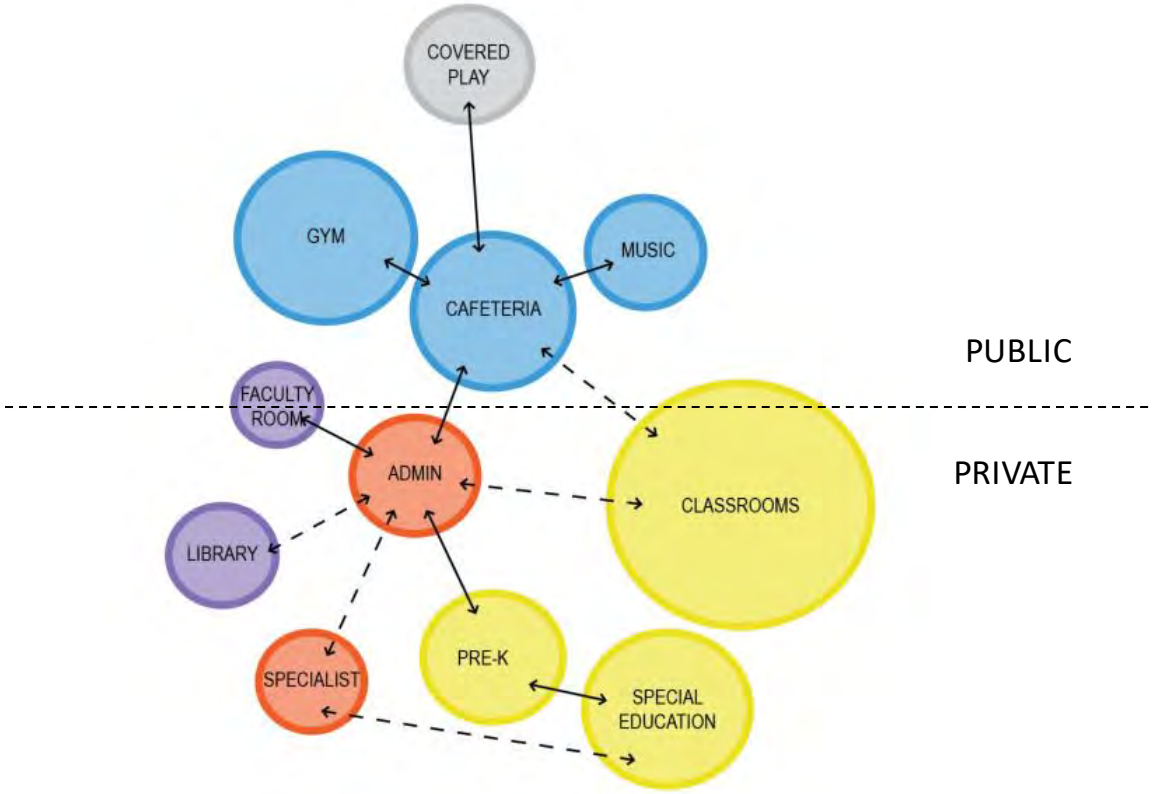




Site Charrette Summary



Building Charrette Summary



Design Goals (Guiding Principles)

THIS ELEMENTARY IS A NEIGHBORHOOD SCHOOL

This school is an anchor to the community that includes design features that reflects the characteristics of the students and greater community while maintaining harmony within the surrounding neighborhood. The design will be welcoming, multi-functional, multi-cultural and inclusive providing a sense of belonging for every student.
Key to Design Example: The building is welcoming, warm, and inviting while having secure and safety design parameters

PROVIDE A QUALITY TEACHING AND LEARNING ENVIRONMENT

Sunnyland Elementary school supports high quality instruction for every student, every day, in every classroom. Our school is a safe, welcoming, flexible, collaborative, environmentally friendly space designed for the whole child.
Key to Design Example: Multipurpose, versatile, and flexible spaces for teaching and learning.

THE DESIGN SUPPORTS THE EDUCATIONAL GOALS OF THE SCHOOL AND THE DISTRICT

Sunnyland is committed to reaching outcomes of the Bellingham Promise through spaces that support quality instruction, inclusion, collaboration and communication. The spaces foster engagement between the school and the community to build knowledgeable, respectful and compassionate humans.
Key to Design Example: The design is inclusive and meets the goals of the Bellingham Promise for each child

THE SCHOOL SUPPORTS COLLABORATIVE LEARNING AND FACILITATES COMMUNICATION

Sunnyland Elementary School is a place where students and the community members have spaces both large and small to accommodate collaborative learning and communication with the community of Sunnyland. Our school is a place that celebrates engagement with students and families of diverse backgrounds.
Key to Design Example: Families and community can easily navigate buildings; welcome and acknowledge a diverse population of students

Numeric Program

(SUNNYLAND) PROGRAM TARGET

	T STA	STDNT CT	QTY	UNIT SF	TOTAL SF	STDNT TOT.
INSTRUCTIONAL SPACES						
Pre-K Classrooms (with toilet)(Head Start)	2	15	2	1,025	2,050	30
Kindergarten Classrooms	3	22	3	950	2,850	66
Grade 1 - 2 Classrooms	6	22	6	925	5,550	132
Grade 3 - 5 Classrooms	9	22	9	925	8,325	198
Additional Classrooms (Promise-K, etc.)	3	22	3	925	2,775	66
Extended Learning			5	varies	1,800	
Subtotal	*23*		*28*		*23,350*	*492*
ADMINISTRATION						
Waiting/Forms			1	120	120	
Receptionist/Admin area/Central Office Storage			1	330	330	
Principal Secretary/ Office Assistant Workspace - *included in Receptionist/Admin .*			1	0	0	
Workroom/Mail Room			1	450	450	
Principal's Office			1	120	120	
Conference Room			1	210	210	
Reset/ Study alcove			2	10	20	
Health Room			1	110	110	
Nurse's / Intinerant Office /Intervention/Hearing/Vision			1	100	100	
Health restroom			1	100	100	
Office 1 - *see specialist*						
Office 2 - *see specialist*						
Office 3 - *see specialist*						
Office 4 - *see specialist*						
Office 5 - *see specialist*						
Staff Lounge			1	500	500	
Faculty Restrooms @ Admin			2	56	112	
Subtotal Administration					2,172	
Admin Circulation			1	16.0%	348	
Subtotal	*0*		*15*		*2,520*	*0*
SPECIALIZED INSTRUCTION						
Library Media Center						
Circulation desk & reference	2		1	180	180	
Class area and stacks			1	1,400	1,400	
Story Area (part of teacher's presentation area)			0	0	0	
LRC Office/ Workroom			1	320	320	
Subtotal	*2*		*3*		*1,900*	*0*
Gym/ PE						
Gym			1	6,000	6,000	
PE Office	1		1	100	100	
PE Storage			1	300	300	
Subtotal	*1*		*3*		*6,400*	*0*
Cafeteria/ Food Service						
Cafeteria/Commons			1	2,500	2,500	
Table and Chair Storage			1	250	250	
Kitchen (Serving)			1	740	740	
Subtotal	*0*		*3*		*3,490*	*0*

PROGRAM TARGET

	T STA	STDNT CT	QTY	UNIT SF	TOTAL SF	STDNT TOT.
SPECIALIST/SPECIAL EDUCATION						
Kiln / Art Storage			1	125	125	
Office 1 Psychologist / Intinerant			1	100	100	
Office 2 ESS / Counselor			1	150	150	
Office 3 SLP			1	100	100	
Office 4 ELL			1	100	100	
Office 5 Reading Corps/ Literacy			1	100	100	
Special Services/Title I/LAP/Intervention			2	425	850	
Special Education Room (Resource, Bridges, or Lifeskills)						
Classroom (future build out for toilet room)	1	12	1	925	925	12
Office			1	56	56	
Motor Room (Office + Instructional Area)			1	500	500	
Title 1 Book Room			1	100	100	
Bookroom			1	350	350	
Music Classroom/Stage			1	950	950	
Music Classroon/Stage Storage			1	120	120	
FRC/Social Service/Flex Space			1	425	425	
*offices may be located in Admin/office area					0	
Subtotal	*1*		*16*		*4,951*	*12*
BUILDING SUPPORT						
Main Custodian's Office			1	100	100	
Building Storage & Receiving			1	300	300	
Satellite Custodian's Room			2	50	100	
MDF Room			1	120	120	
IDF Room			2	50	100	
Mechanical Room			1	400	400	
Electrical Room			1	200	200	
Elect Panel Closets			4	13	52	
Boys Toilet Room			3	160	480	
Girls Toilet Room			3	160	480	
Staff Toilet Room (outside of admin)			2	56	112	
Student Toilet Room (1/floor)			2	56	112	
Adult Toilet/Shower (adjacent to Custodial/Cafeteria)			1	90	90	
Sprinkler Riser Room			1	120	120	
Visitor Restroom (adjacent to Main Office)			1	56	56	
Subtotal	*0*		*26*		*2,822*	
TOTAL PROGRAM AREA	*27*		**94**		***45,433***	***504***
Stairways			3	170	510	
Entry/Foyer			1	240	240	
Elevator & Machine Room			1	100	100	
Circulation				15.0%	6,467	
Wall thickness				9.0%	4,089	
Subtotal			*5*		*11,406*	

TOTAL BUILDING AREA			56,839
Covered Play Area	0.5	3,500	1,750
Generator Room		40	40
TOTAL OSPI AREA			58,629
TOTAL ACTUAL AREA		**60,379**	
Target			58,000
Surplus (Deficit)			(629) (Target - total OSPI area)

Project Scope



Project Scope



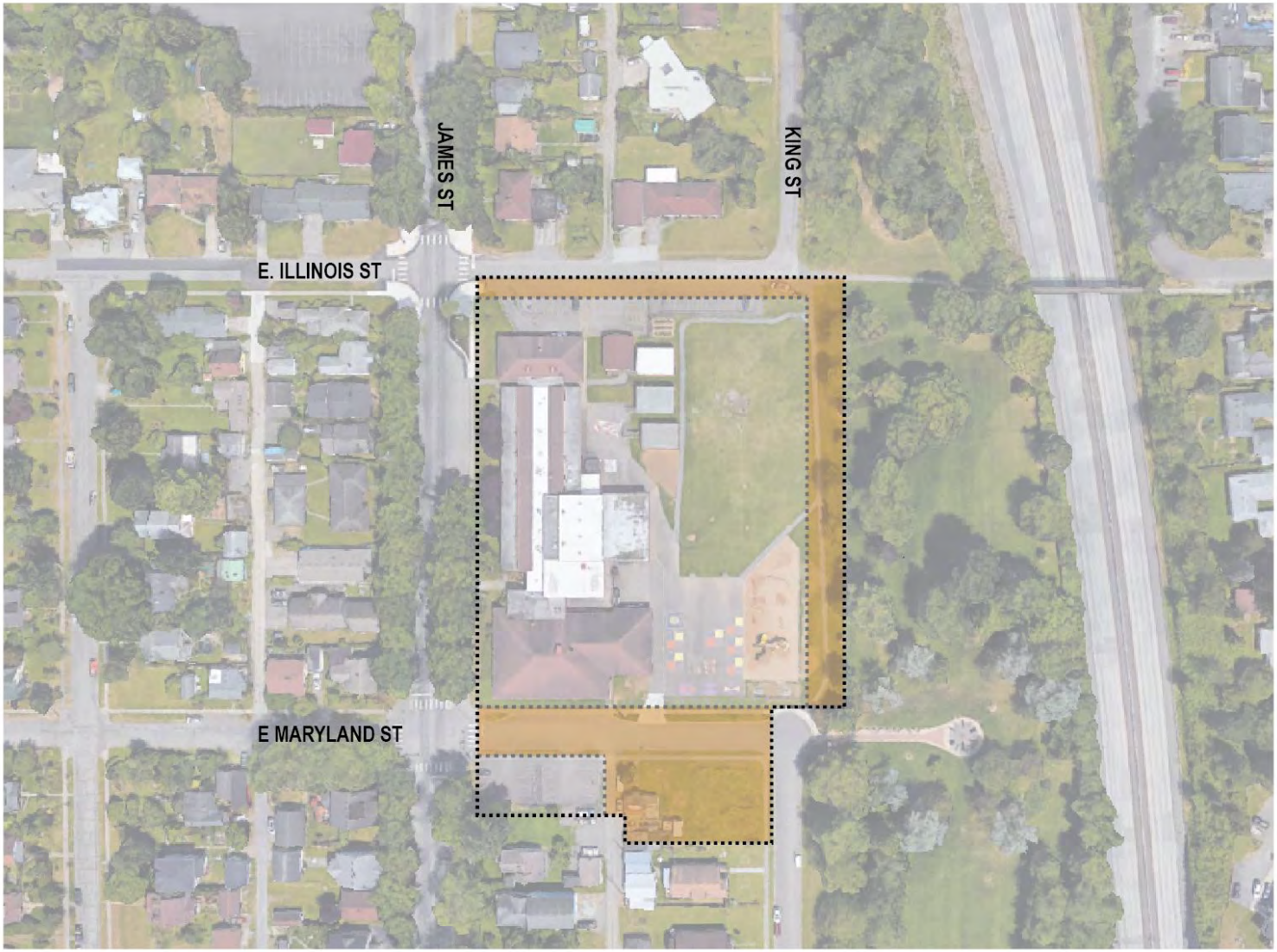
Project Scope



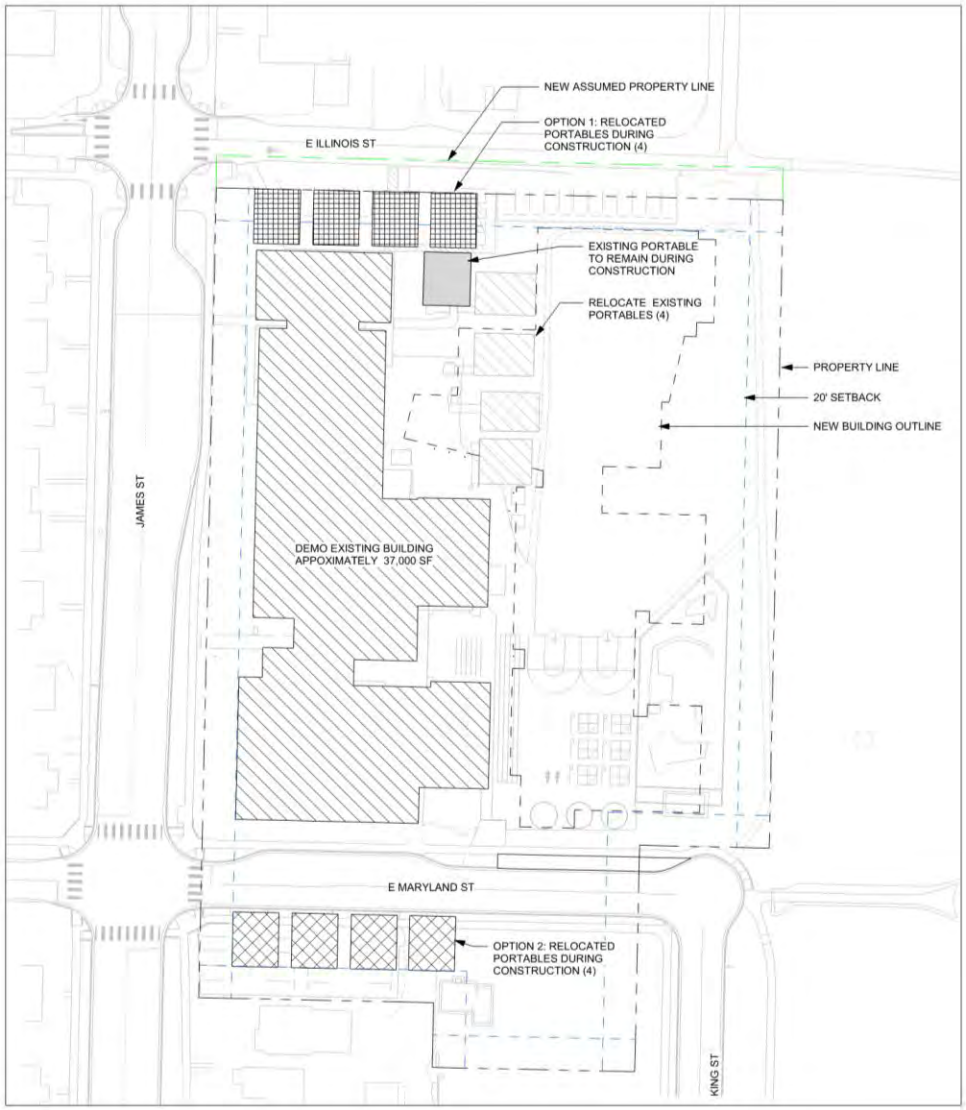
Project Scope



Project Scope



Portable Relocation



Schedule

Design and Construction

Schematic Design	March – August 2020
Design Development	September - November 2020
Building Permit Submittal	Prior to February 2021
Construction Documents	December 2020 – March 2021
Bidding	April – May 2021
Building Construction	May 2021 – September 2022
Demolish Old School	July 2022
Field / Parking Lot Construction	July 2022 – September 2022
Occupancy	August 2022

GC/CM

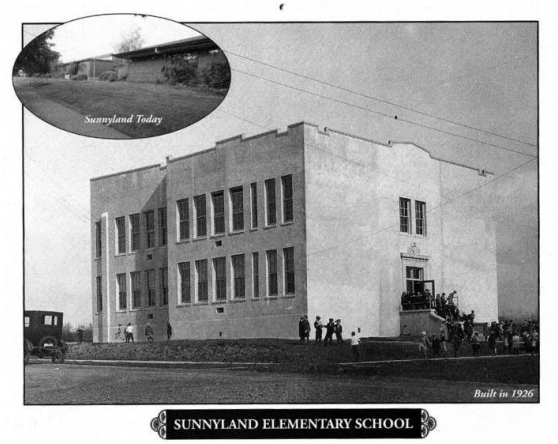
Dawson Construction







Concept Development







SUNNYLAND ELEMENTARY

1926 :Original Sunnyland was built

1954: An addition was built adjacent to the original building

1976 - 1978: The original 1926 structure was closed and demolished for safety reasons. An addition was built onto the 1954 structure adding 8 classrooms, library and support spaces.

Design



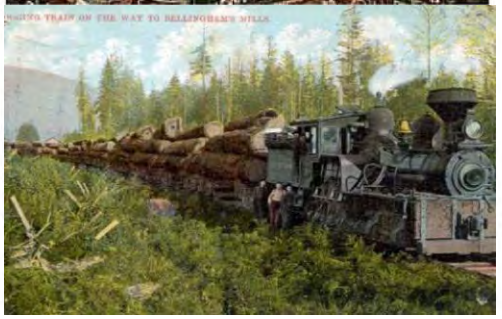












Sunnyland Elementary School
Design Concept – Historic Images

Concept Development



MEMORIAL PARK

1889 :Land set aside as a future park by the Bellingham Bay Improvement Company for Sunnyland Park. (second oldest park in Bellingham)

1919: Sunnyland Park is dedicated to “the solders and sailors from Whatcom County who paid the supreme sacrifice in the great war”

1922: The memorial arch is erected.

1927: Bowl shaped – fountain added

1956: 1/3 of the park is sold for the development of I-5

2005: Major change/ upgrades including replacing the fountain and adding the granite memorials labeled for specific wars

Railroad Trails

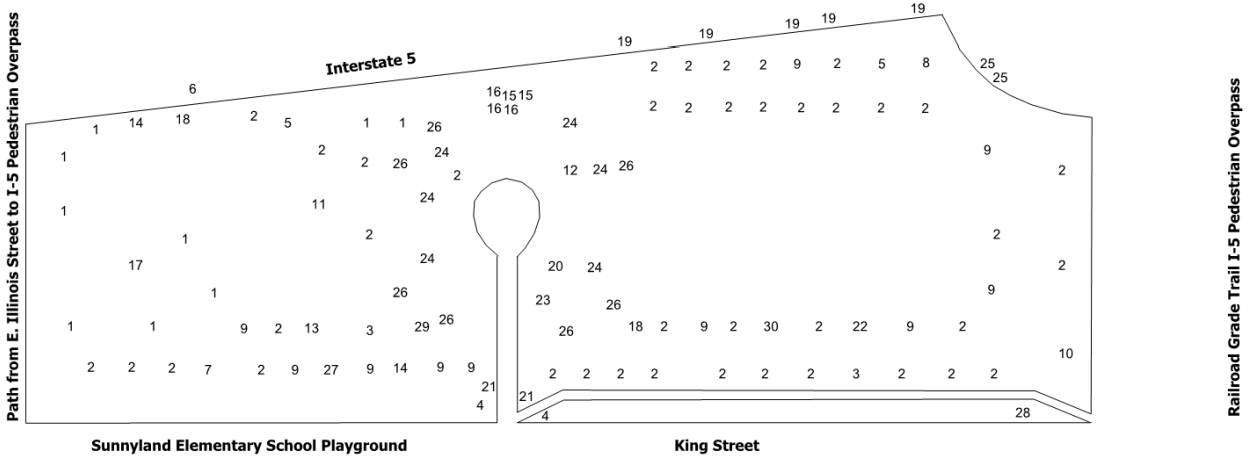
Concept Development

Bellingham Public Schools
a collective commitment

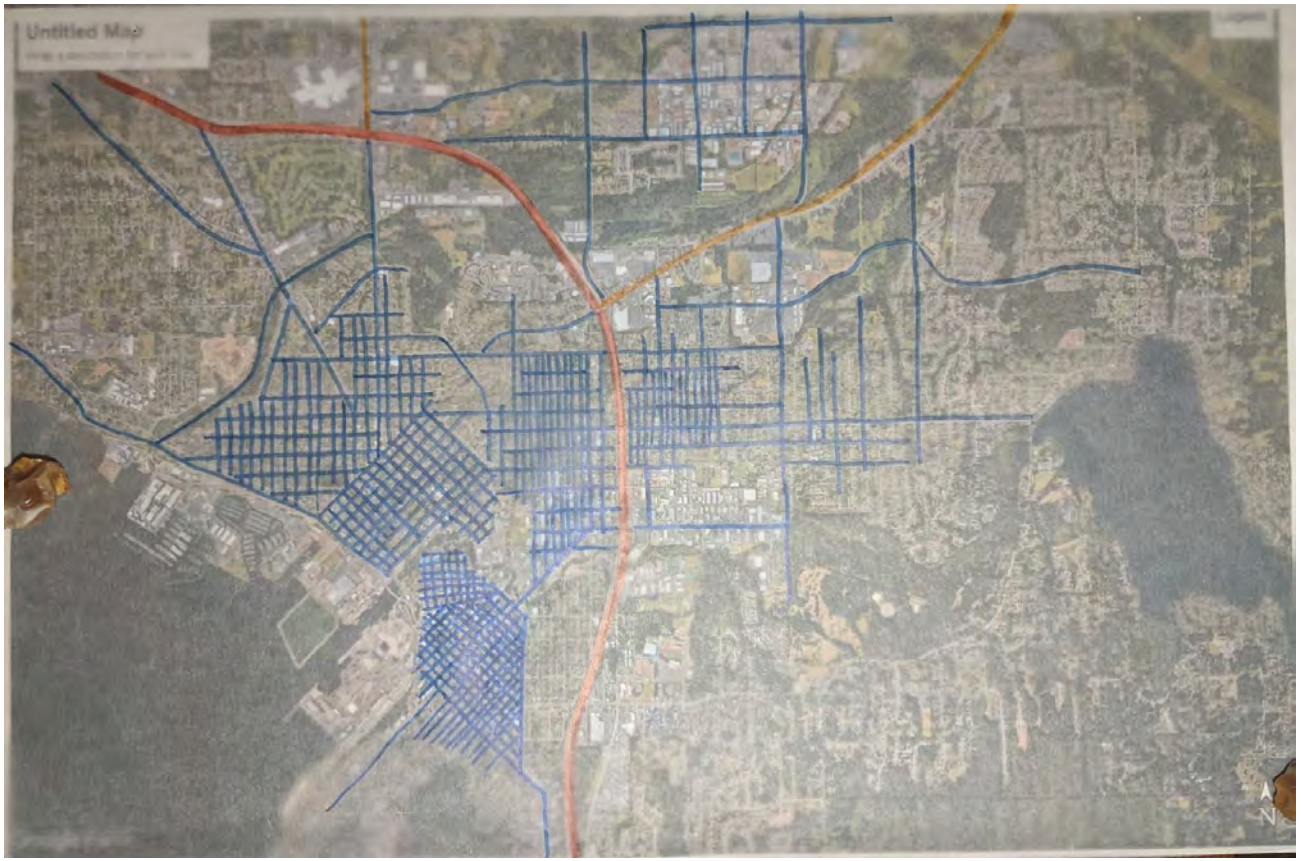
Trees of Memorial Park

1. Sugar Maple, *Acer saccharum*
2. Red Maple, *Acer rubrum*
3. Silver Maple, *Acer saccharinum*
4. Vine Maple, *Acer circinatum*
5. Field Maple, *Acer campestre*
6. Bigleaf Maple, *Acer macrophyllum*
7. Willow Oak, *Quercus phellos*
8. Bur Oak, *Quercus macrocarpa*
9. Pin Oak, *Quercus palustris*
10. Swamp White Oak, *Quercus bicolor*
11. English Oak, *Quercus robur*
12. Kanzan Cherry, *Prunus* 'Kanzan'
13. Chokecherry , *Prunus virginiana* 'Canada Red'
14. Turkish Hazel, *Corylus colurna*
15. Northern White Cedar, *Thuja occidentalis*
16. Golden Chain Tree, *Laburnum anagyroides*
17. Persian Ironwood, *Parrotia persica*
18. Sweetgum, *Liquidambar styraciflua*
19. Siberian Elm, *Ulmus pumila*
20. Star Magnolia, *Magnolia stellata*
21. Yellow Cedar, *Chamaecyparis nootkatensis*
22. Maidenhair Tree, *Ginkgo biloba*
23. Dove Tree, *Davidia involucrate*
24. One-seed Hawthorn, *Crataegus monogyna*
25. Black Cottonwood, *Populus trichocarpa*
26. Atlas Cedar, *Cedrus atlantica*
27. Triumph Elm, *Ulmus* 'Morton Glossy'
28. Orchard Apple, *Malus sylvestris*
29. Japanese Crabapple, *Malus x floribunda*
30. Snowdrift Crabapple, *Malus* 'Snowdrift'

Taxonomy by John Wesselink
5/10/2011



Concept Development



Concept Development



Concept Development



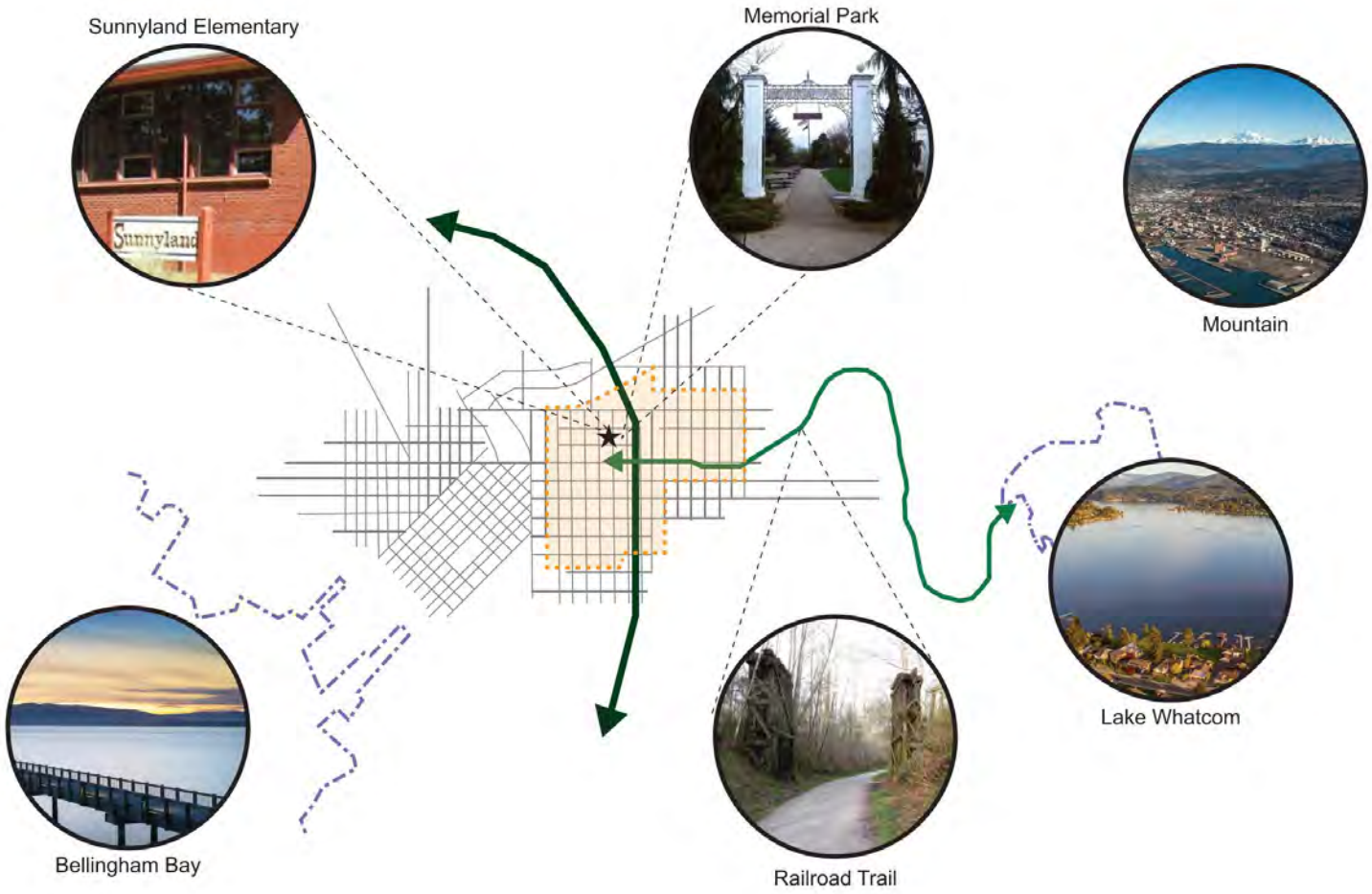
Concept Development



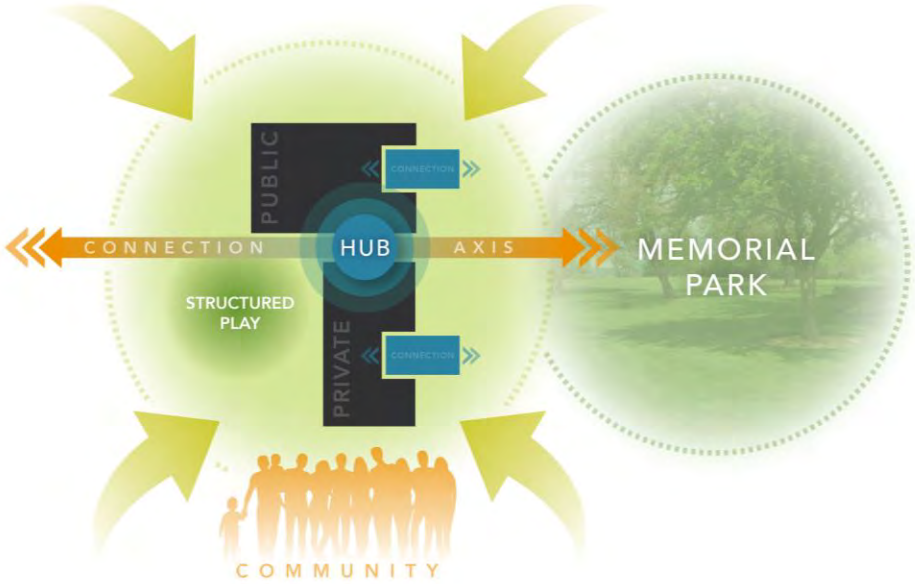
Sunnyland Elementary School
Existing Site Plan

1. **James Street -** main arterial
2. **Pedestrian Paths across I-5**
3. **Fully developed surrounding neighborhood**

Concept Development



Concept Development



DESIGN GOALS:

THIS ELEMENTARY IS A NEIGHBORHOOD SCHOOL

PROVIDE A QUALITY TEACHING AND LEARNING ENVIRONMENT

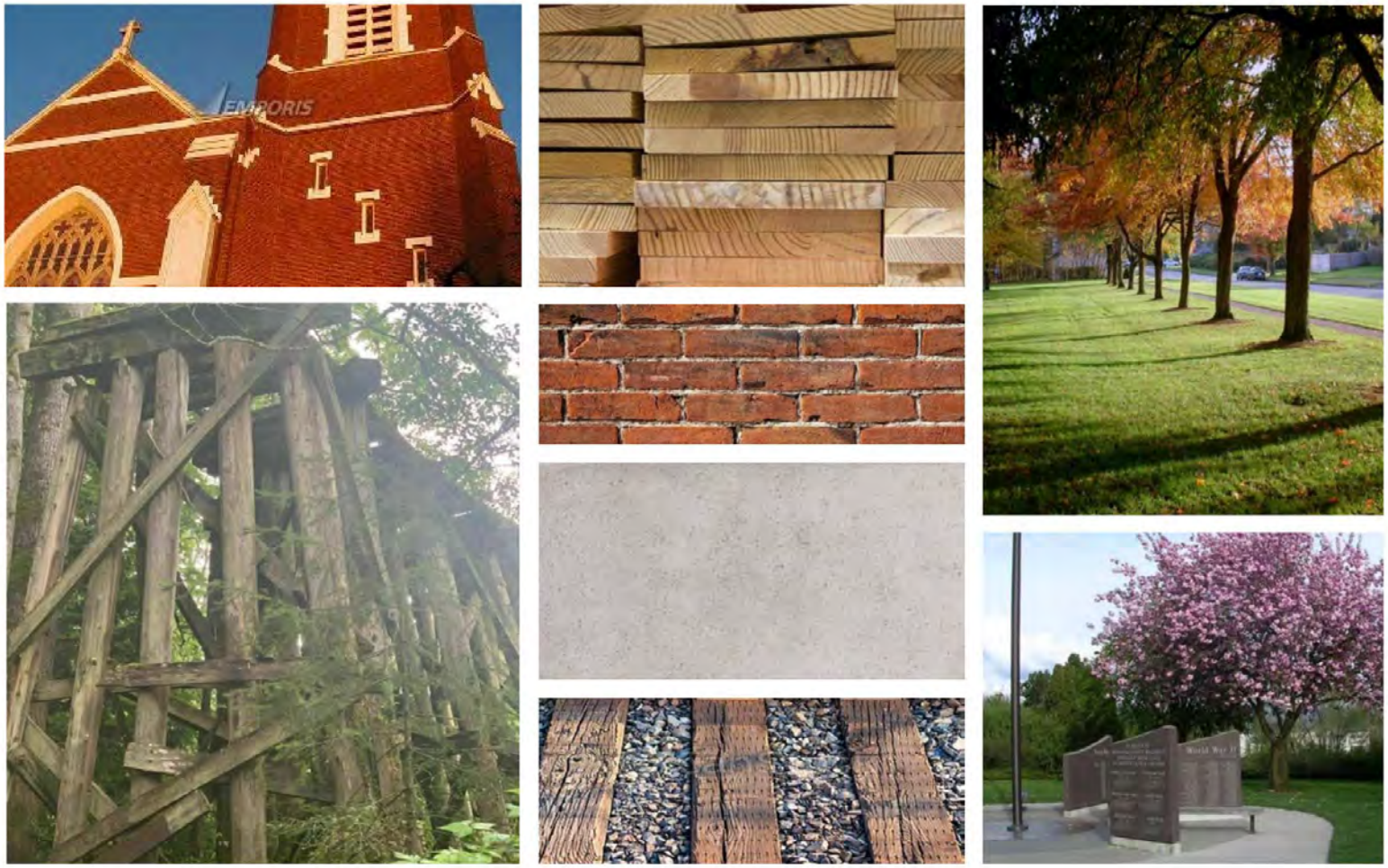
THE DESIGN SUPPORTS THE EDUCATIONAL GOALS OF THE SCHOOL AND THE DISTRICT

THE SCHOOL SUPPORTS COLLABORATIVE LEARNING AND FACILITATES COMMUNICATION

Design


Separation of Private and Public
Warm, Welcoming Feeling
Central Entry
Art
Flexibility
Spirit of Kindness and Warmth
Connection to Park
Natural Light
Gazebo
Extended Learning Space
Brick
Craftsman Style
Universal Design

Design



Sunnyland Elementary School
Design Concept - Community

Design



Sunnyland Elementary School
Neighborhood Context

Design

















Sunnyland Elementary School
Design Concept – Civic Building

Design















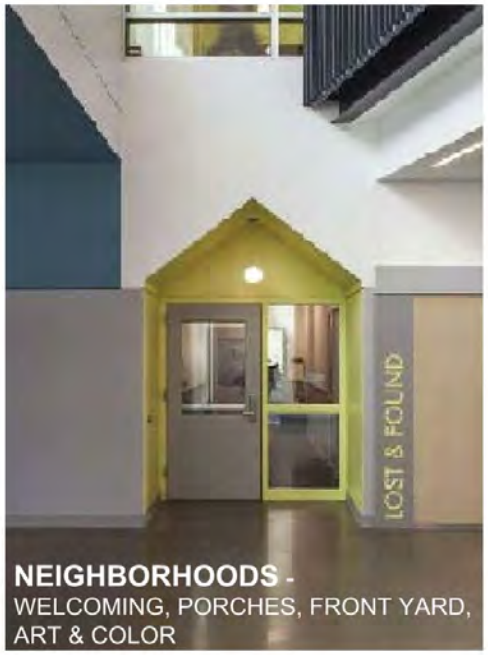
Sunnyland Elementary School
Design Concept – Community

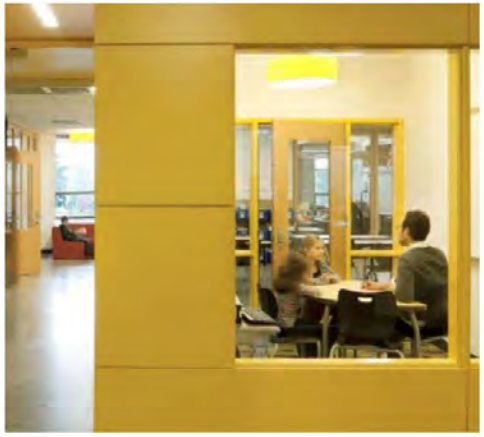
Design













Sunnyland Elementary School
Design Concept – Neighborhood

Design













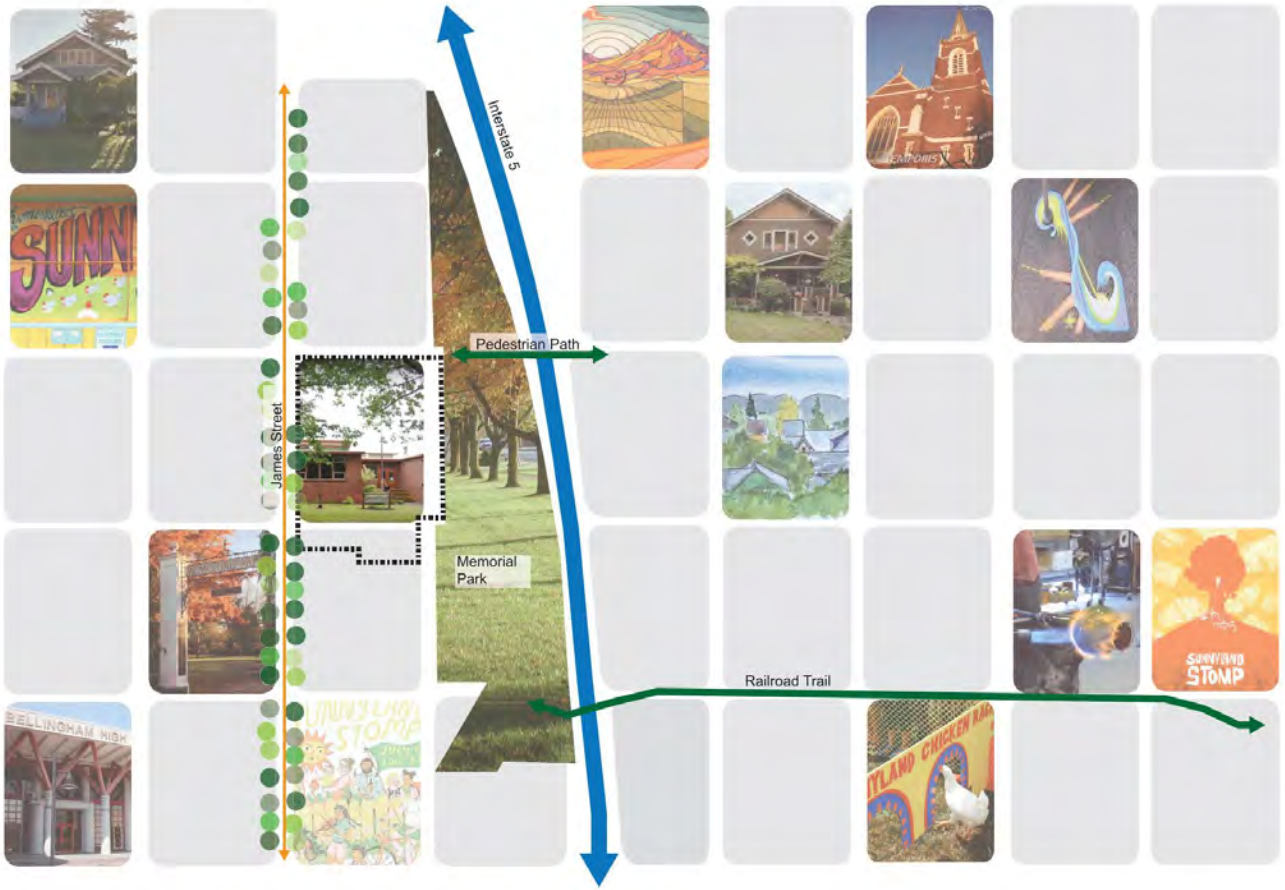




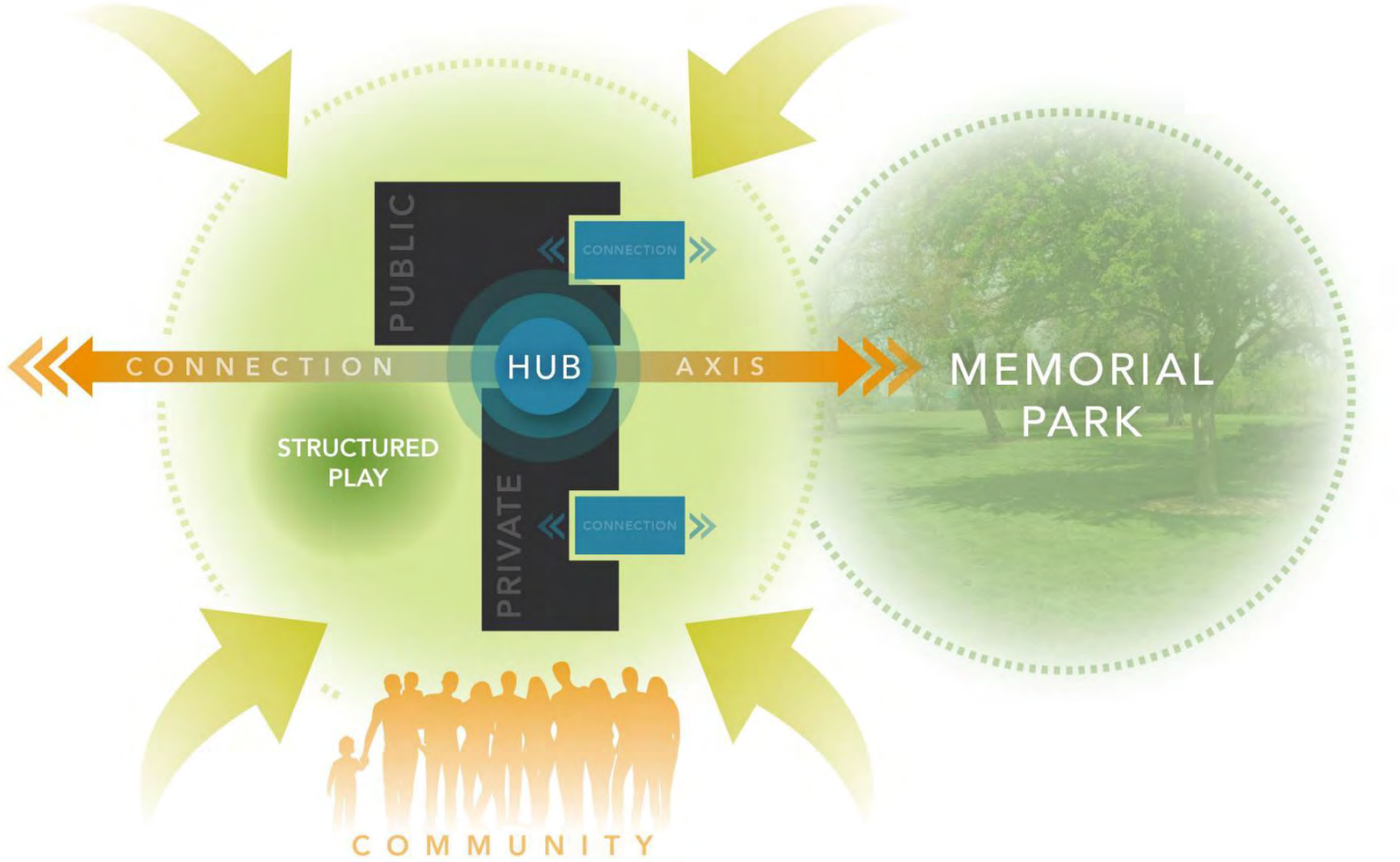


Sunnyland Elementary School
Design Concept – Neighborhood

Concept Development



Design


PUBLIC
CONNECTION
CONNECTION
HUB
AXIS
MEMORIAL PARK
STRUCTURED PLAY
PRIVATE
CONNECTION
COMMUNITY

Site Plan


E ILLINOIS ST
BUS LOADING
SOFT SURFACE PLAY (2,730 sqft)
COVERED PLAY
SERVICE AREA
FIRE LANE
MEMORIAL PUBLIC PARK
HARD SURFACE PLAY
SOFT SURFACE PLAY (3,900 sqft)
JAMES ST
FIRE LANE
RELOCATED EXISTING COVERED STAGE
PLAY FIELD
PARENT DROP OFF
SUNNYLAND ELEMENTARY SCHOOL
BIKE PARKING (36)
U8 SOCCER FIELD
PRE-K PLAY (3,465 sqft)
PARKING (9)
U8 SOCCER FIELD
FIRE LANE
MEMORIAL PUBLIC PARK
E MARYLAND ST
EXISTING PARKING (15)
PARKING (22)
KING ST
JAMES ST
SUNNYLAND ELEMENTARY SCHOOL
SITE PLAN
WEISMANDESIGNGROUP

Floor Plans


GYM
PE RESTROOM
PE STORAGE
PE OFFICE
COVERED PLAY AREA
ELECTRICAL ROOM
STORAGE AND RECEIVING
MECHANICAL ROOM
TABLE AND CHAIR STORAGE
KITCHEN
KITCHEN STORAGE
CAFETERIA
STAGE
MUSIC ROOM
MUSIC STORAGE
STAFF LOUNGE
WORKROOM
HEALTH ROOM
NURSE
CONFERENCE ROOM
OFFICE
OFFICE COUNSELOR
PRINCIPAL
RECEPTION WAITING
FLEX ROOM
BOOKROOM
OFFICE
KILN / ART STORAGE
ELEVATOR MACHINE
ELEVATOR
MDF
MOTOR ROOM
SPECIAL EDUCATION OFFICE
SPECIAL EDUCATION
KINDERGARTEN
EXTENDED LEARNING
PRE-K
SINGLE OCC. BOYS RESTROOM
PRE- K RESTROOM
GIRLS RESTROOM
CUSTODIAN
SECOND GRADE
FIRST GRADE
OPEN TO BELOW
MECHANICAL
LIBRARY
LIBRARY WORKROOM
TITLE 1
TITLE 1 BOOKROOM
THIRD GRADE
ADDITIONAL CLASSROOM
PENTHOUSE ACCESS
CUSTODIAN GIRLS RESTROOM
ELECTRICAL PANEL CLOSETS
FOURTH GRADE
FIFTH GRADE
Department Legend
ADMINISTRATION
BUILDING SUPPORT
CAFETERIA/ FOOD SERVICE
CIRCULATION
COVERED PLAY
EXTENDED LEARNING
GYM / PE
INSTRUCTIONAL SPACES
LIBRARY MEDIA CENTER
MECHANICAL
SPECIALIST

Design



Sunnyland Elementary School
West elevation

Design



Sunnyland Elementary School
South Elevation

Design



Sunnyland Elementary School
East Elevation

Design



Sunnyland Elementary School
North Elevation

Design



Sunnyland Elementary School
Hub looking north

Design



Sunnyland Elementary School
Cafeteria looking east

Design



Sunnyland Elementary School
Hub looking south

Design



Sunnyland Elementary School
Library looking north

Design



Sunnyland Elementary School
South Extended Learning: Level 1

Questions and Feedback

- What do you like about the proposed plans?
- What questions do you have?
- What suggestions do you have for improvement?
- Next steps
- Follow the project on the district website:

https://bellinghamschools.org/about/departments/capital-projects/facilities-projects/