

École Wedgeport

Conseil Scolaire Acadien Provincial (CSAP)

SST Meeting

January 25th, 2021

FBM

FBM Architecture • Interior Design • Planning

Servant Dunbrack McKenzie & MacDonald

Dillon, O'Neill, Scriven

Campbell Comeau Engineering

Gordon Ratcliffe Landscape Architects

Hanscomb Ltd.

RJ Bartlett

Solterre Design

Scientext Technical Writing Ltd.

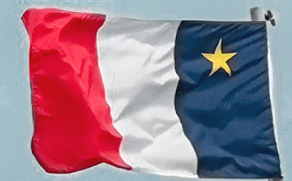




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CONTEXT



A. Yarmouth and Wedgeport Areas

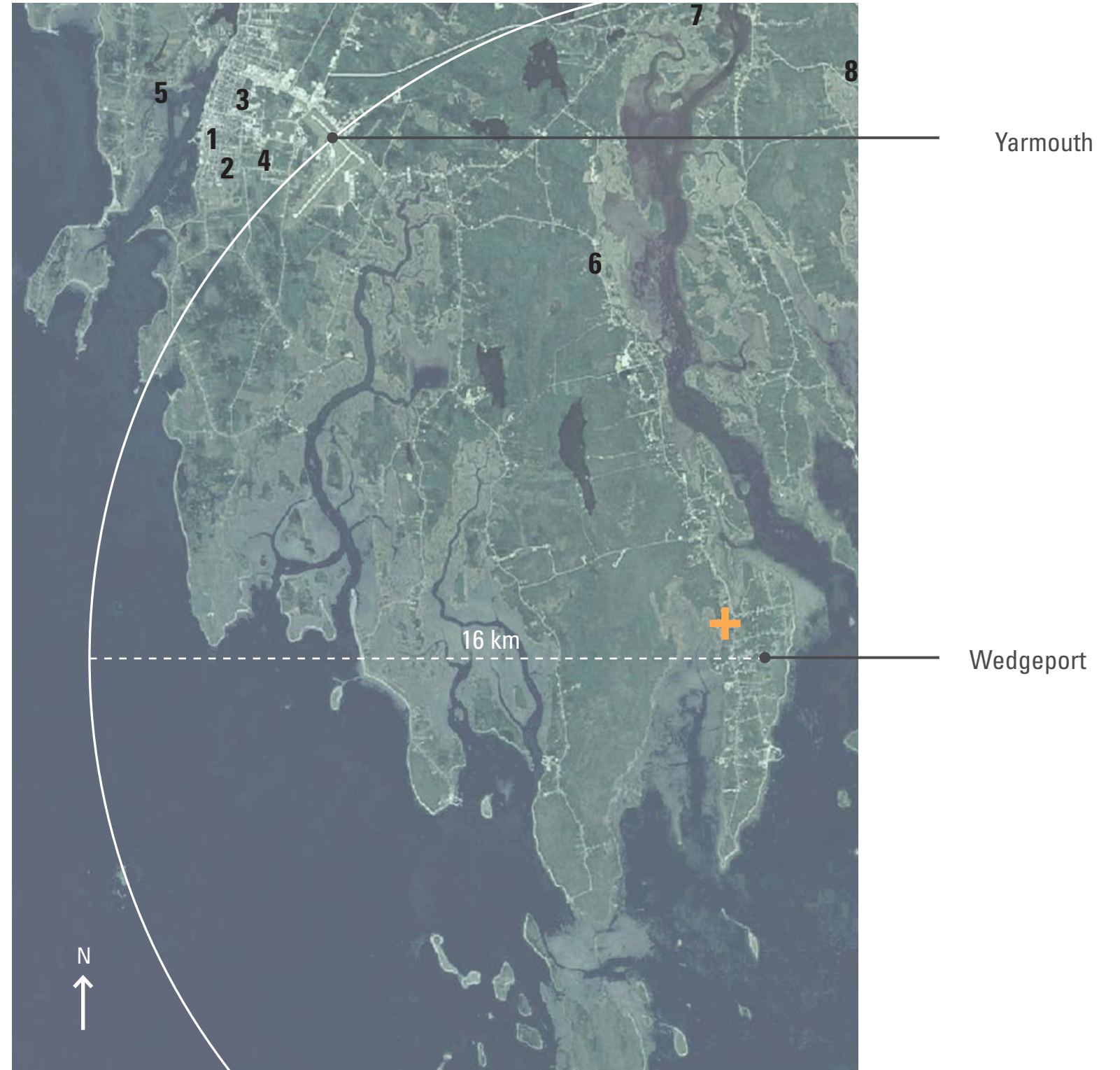
Schools near Yarmouth

1. Bridgeway Academy
2. Yarmouth Elementary School
3. Meadowfields Community School
4. Yarmouth Consolidated Memorial High School
5. Dalhousie School of Nursing, Yarmouth
6. Plymouth Elementary School
7. École Secondaire de Par-en-Bas
8. École Belleville

Schools in Wedgeport

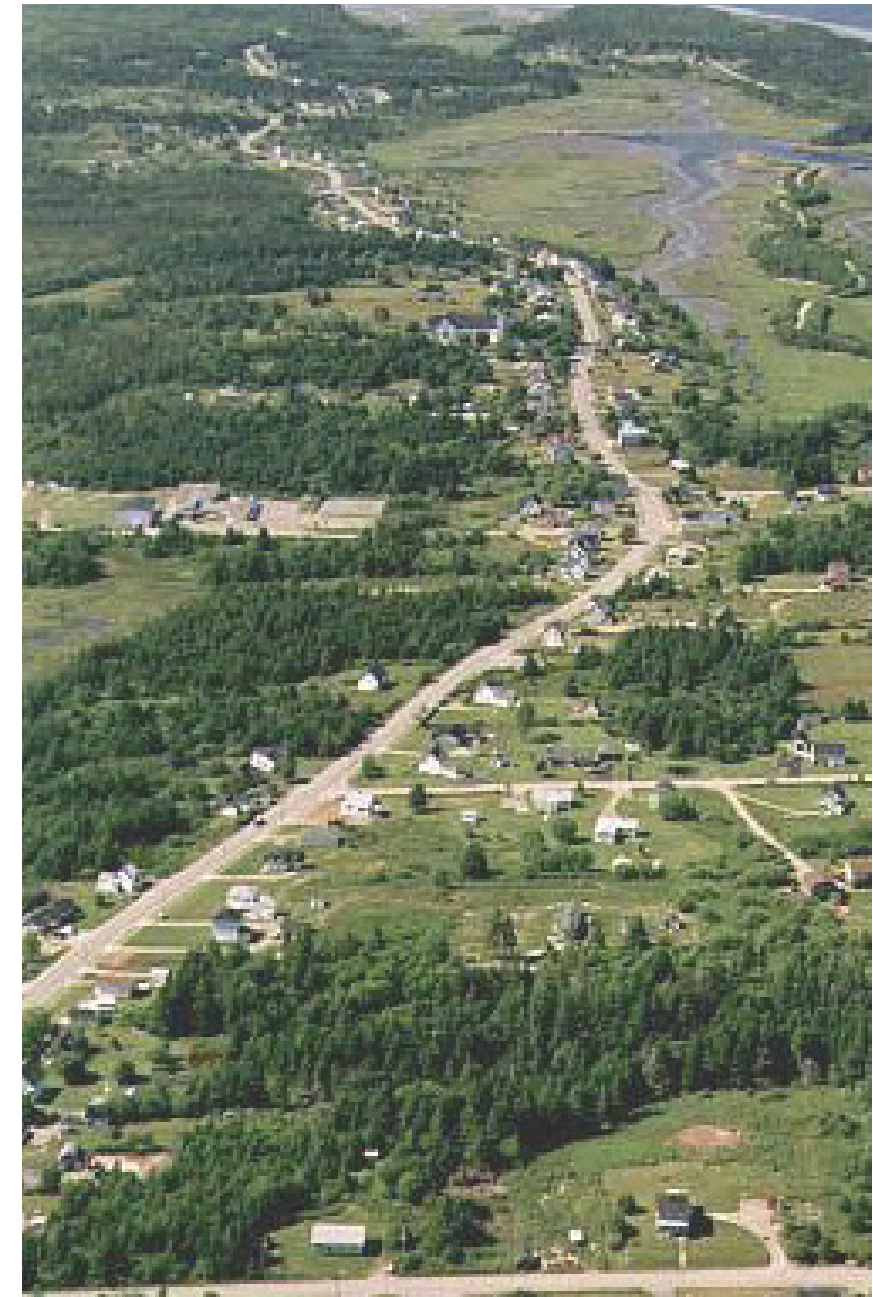
+ CSAP École Wedgeport (Project Site)

A.





Site of École Wedgeport




Route 334



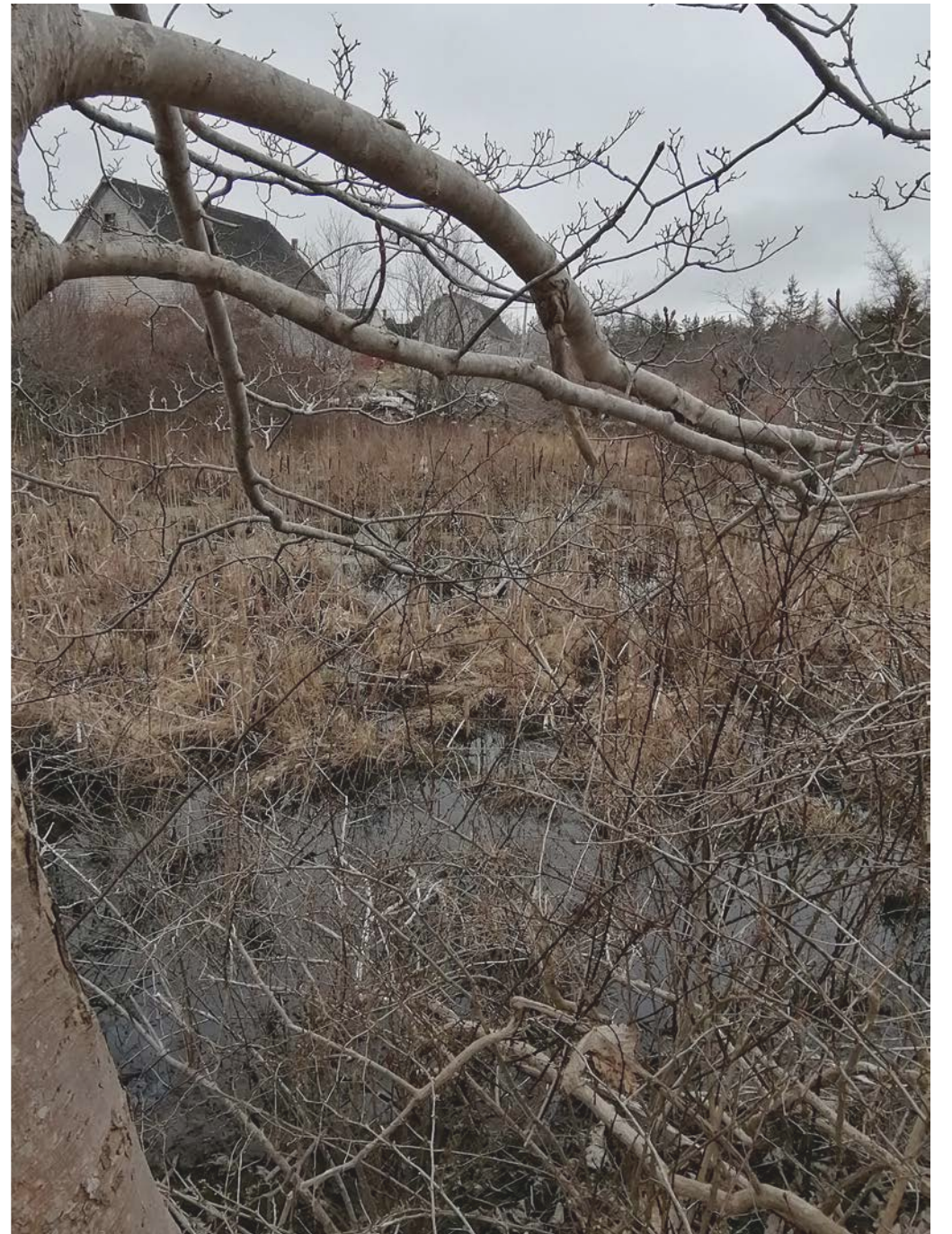
- | | | |
|---------------------|------------------|---------------------|
| 1. École Wedgeport | 4. Tennis Courts | 7. Soccer Field |
| 2. Basketball Court | 5. Playground | 8. Salt-Marsh Lands |
| 3. Baseball Field | 6. Playground | |

-  Buildings
-  Fenced Recreation Area
-  Area of Potential Poor Soil

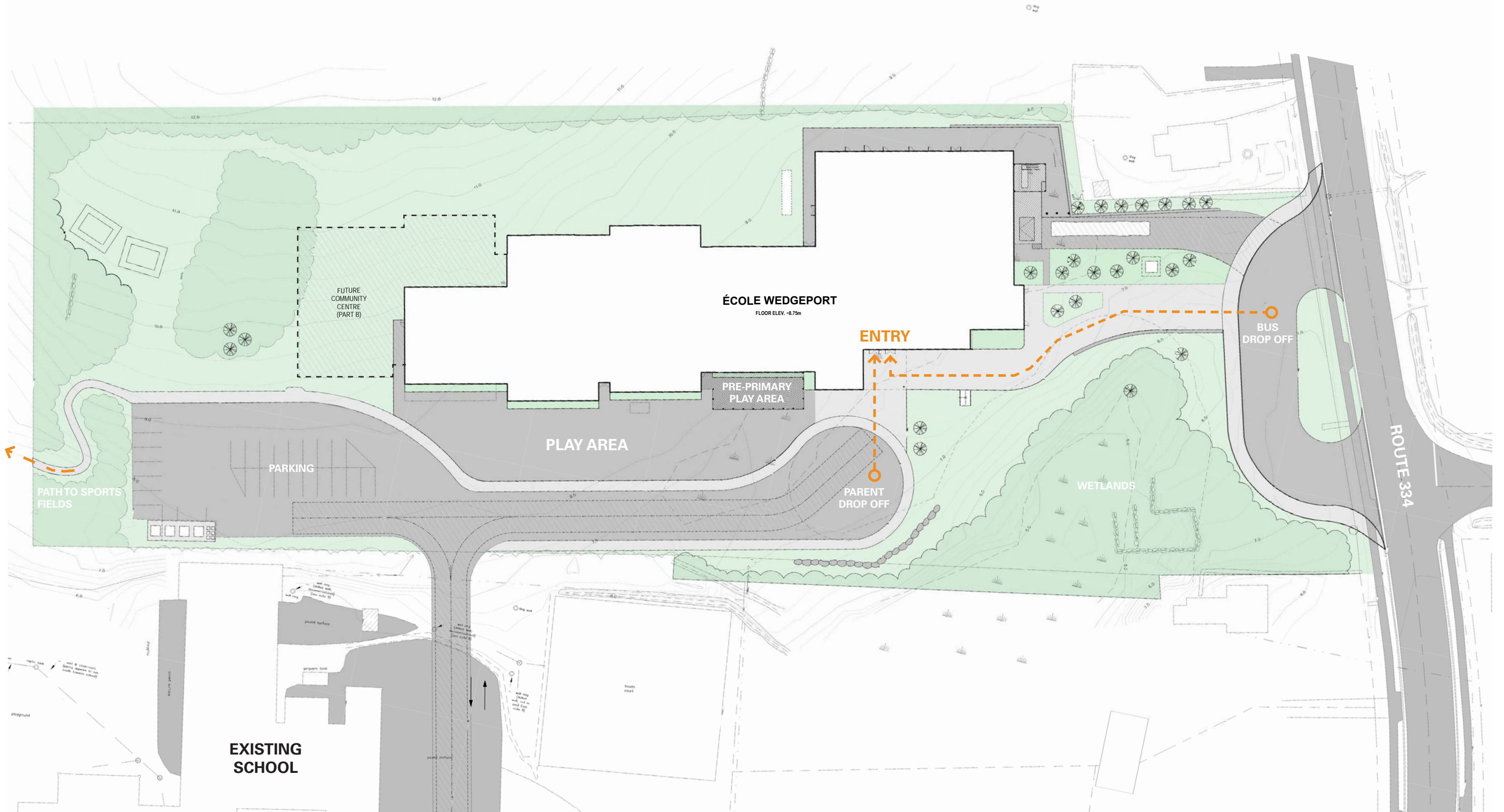
-  Well Ring
-  Low Area



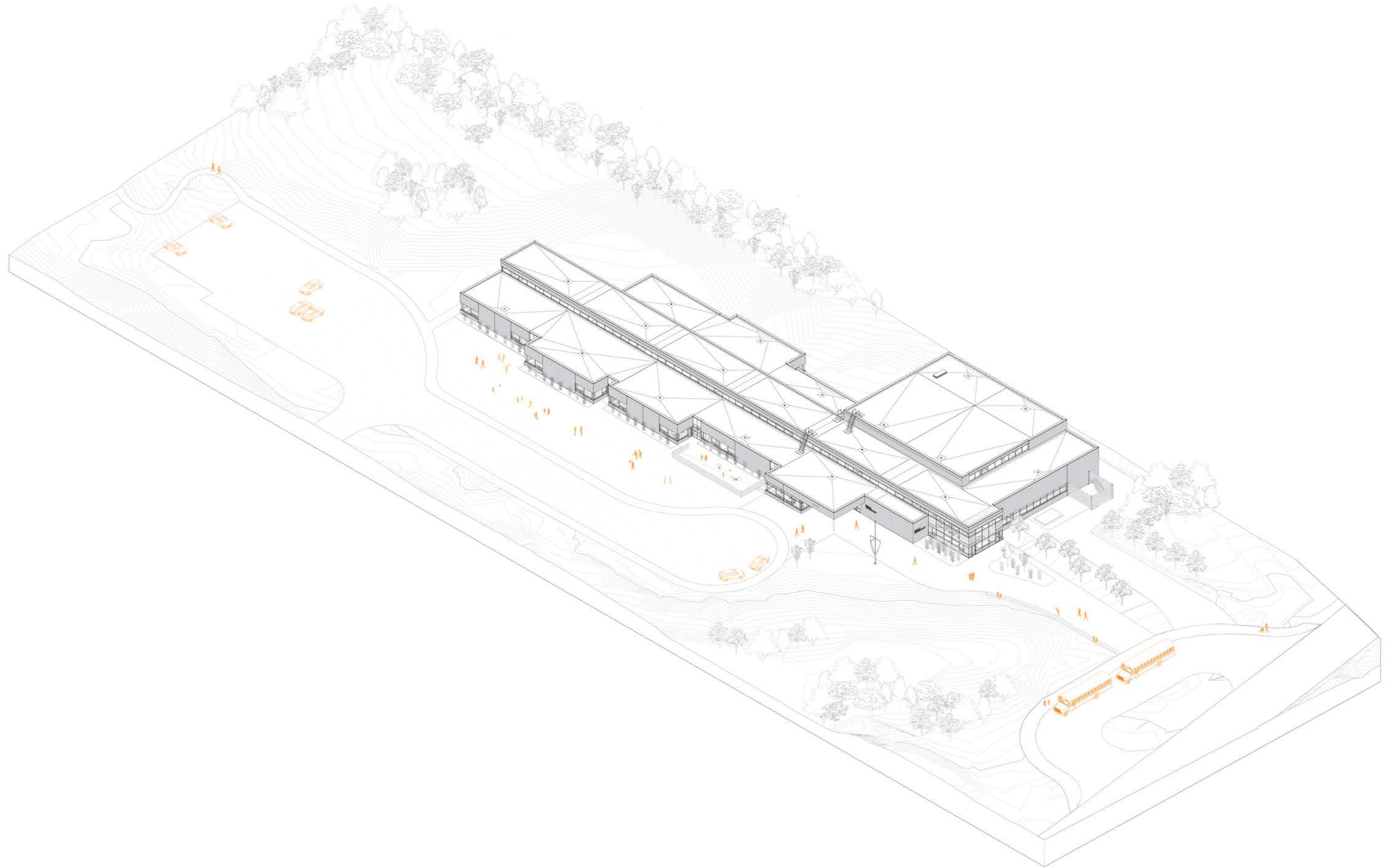
EXISTING SITE ANALYSIS

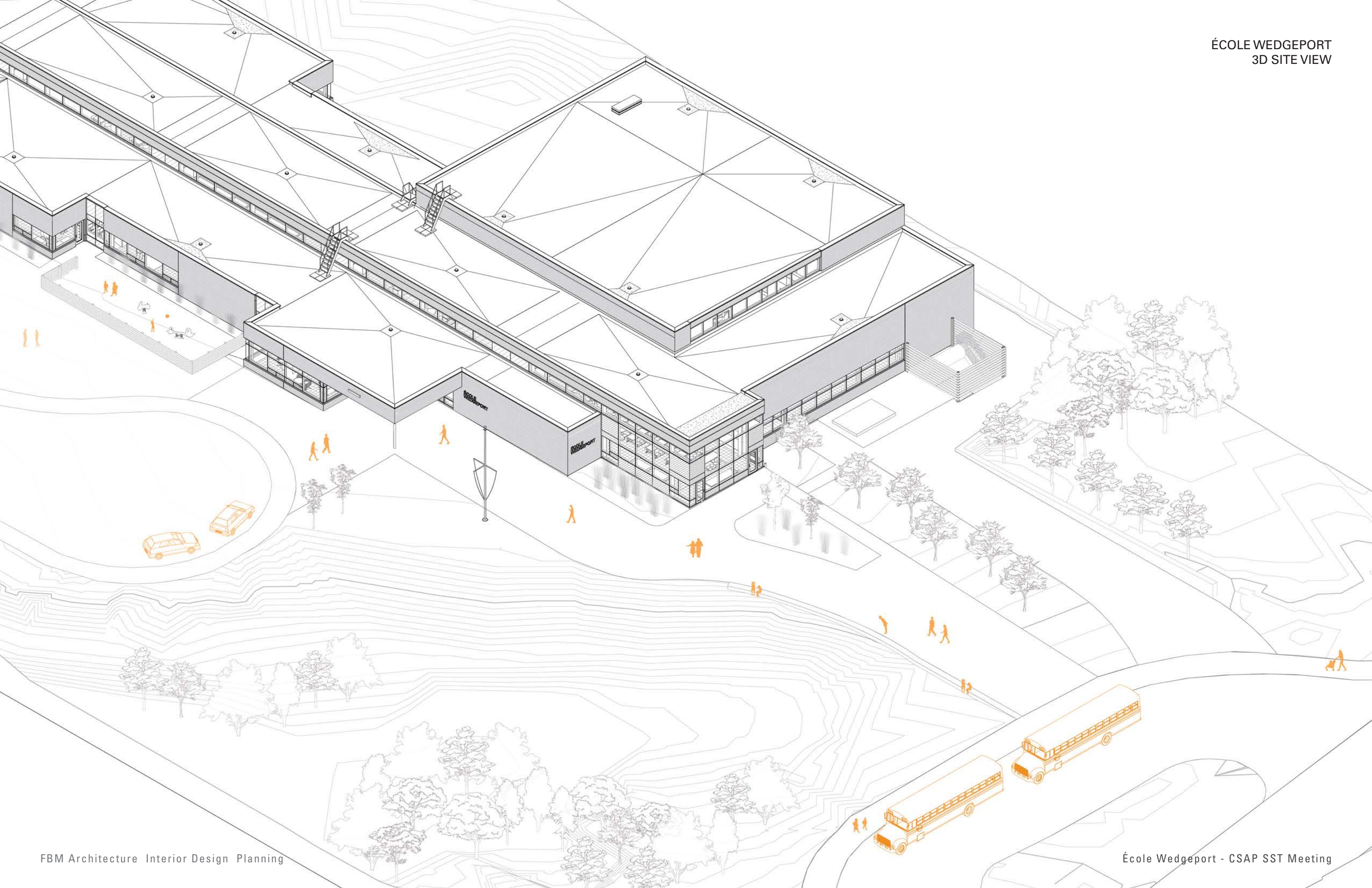


SITE PLAN



SITE AXONOMETRIC



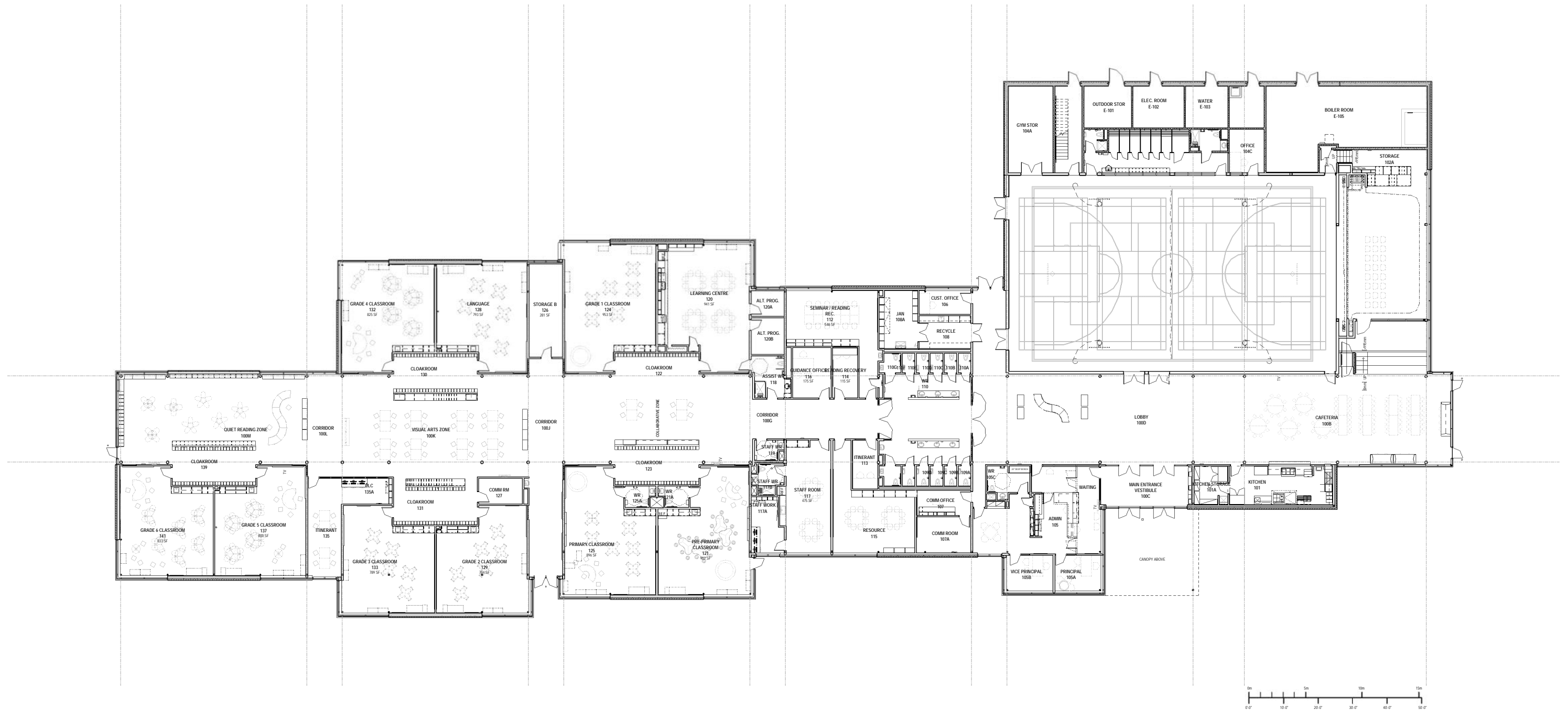


APPROACH



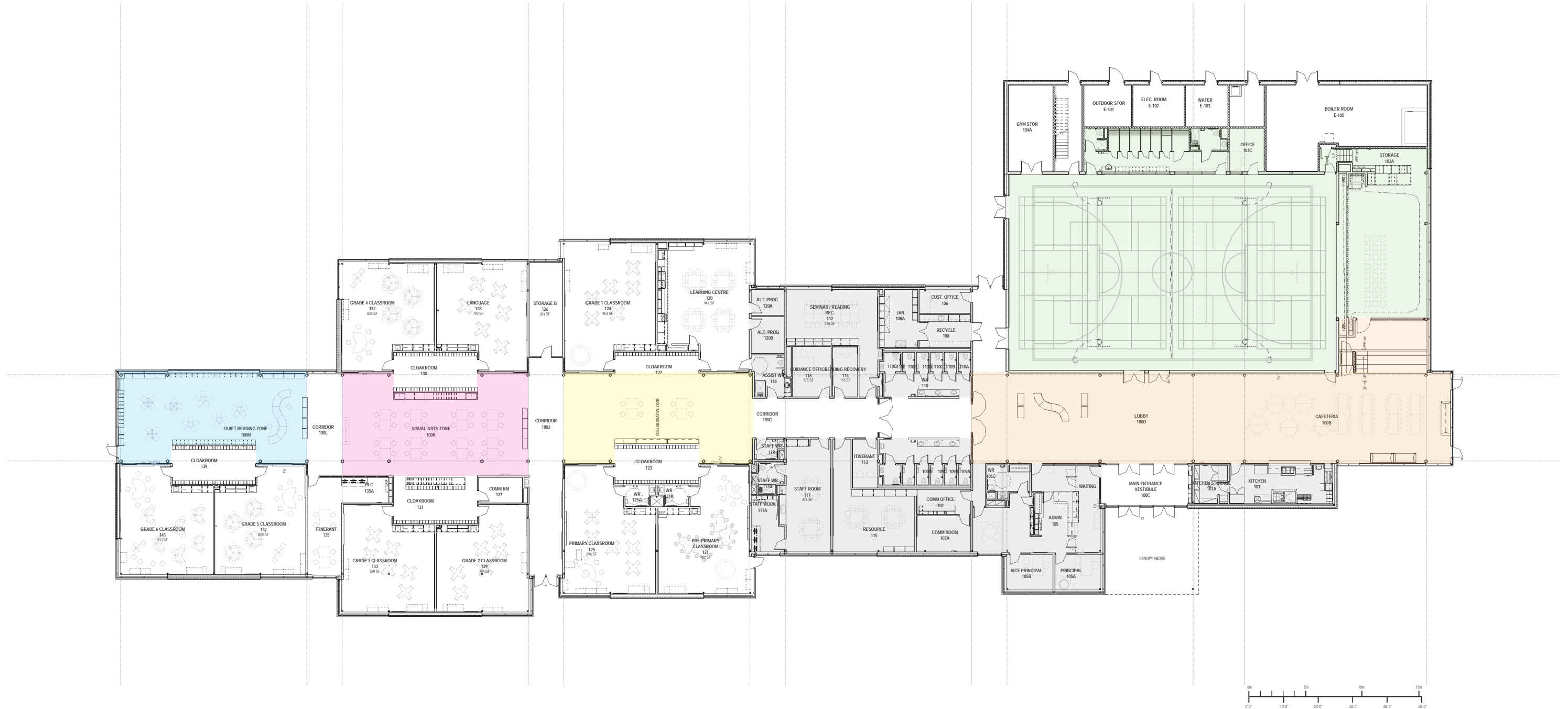


LEVEL 1



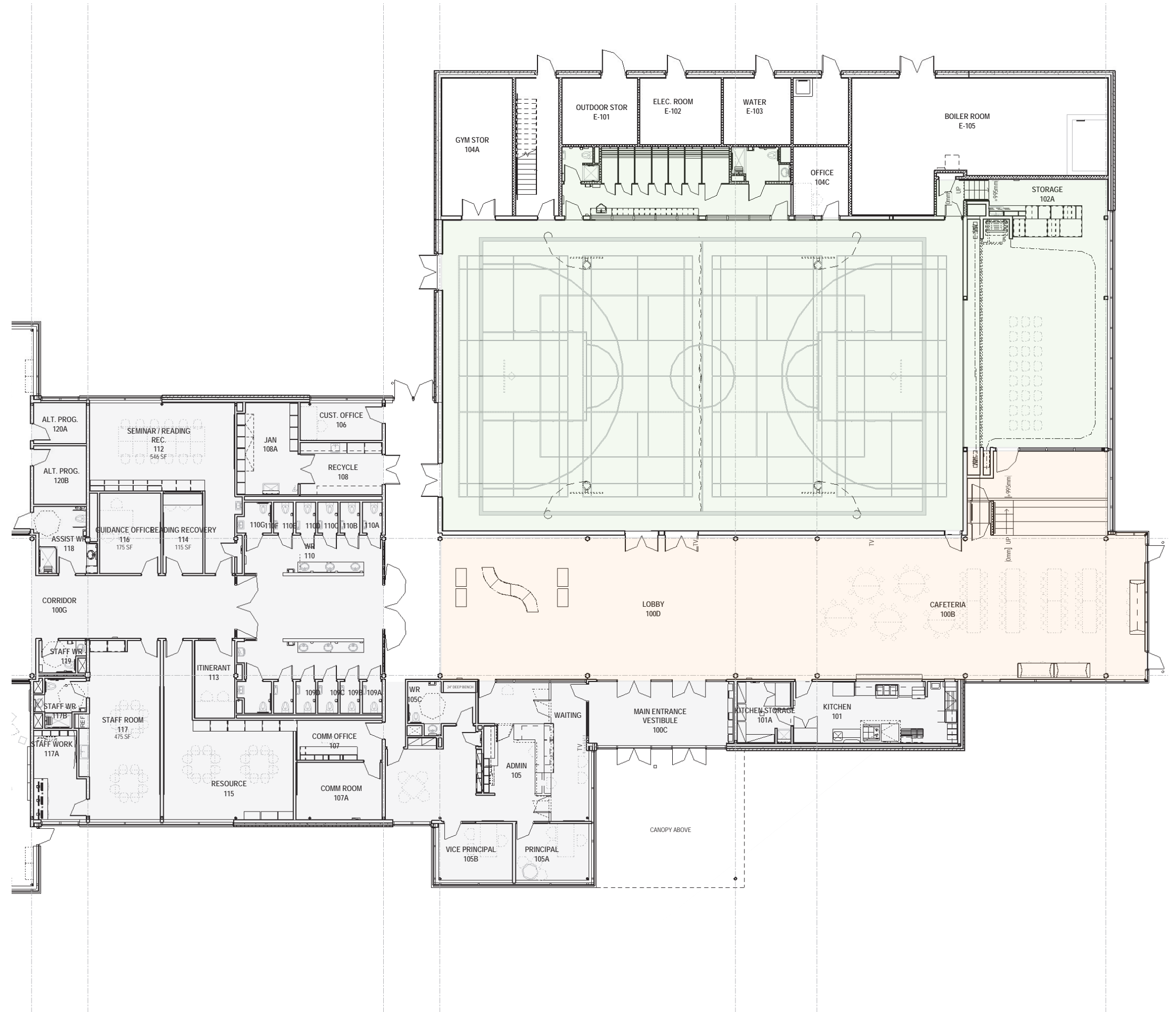
ZONES

- Lobby and Cafeteria
- Active Living and Performance
- Admin and Support
- Collaborative Work
- Visual Arts
- Quiet Reading



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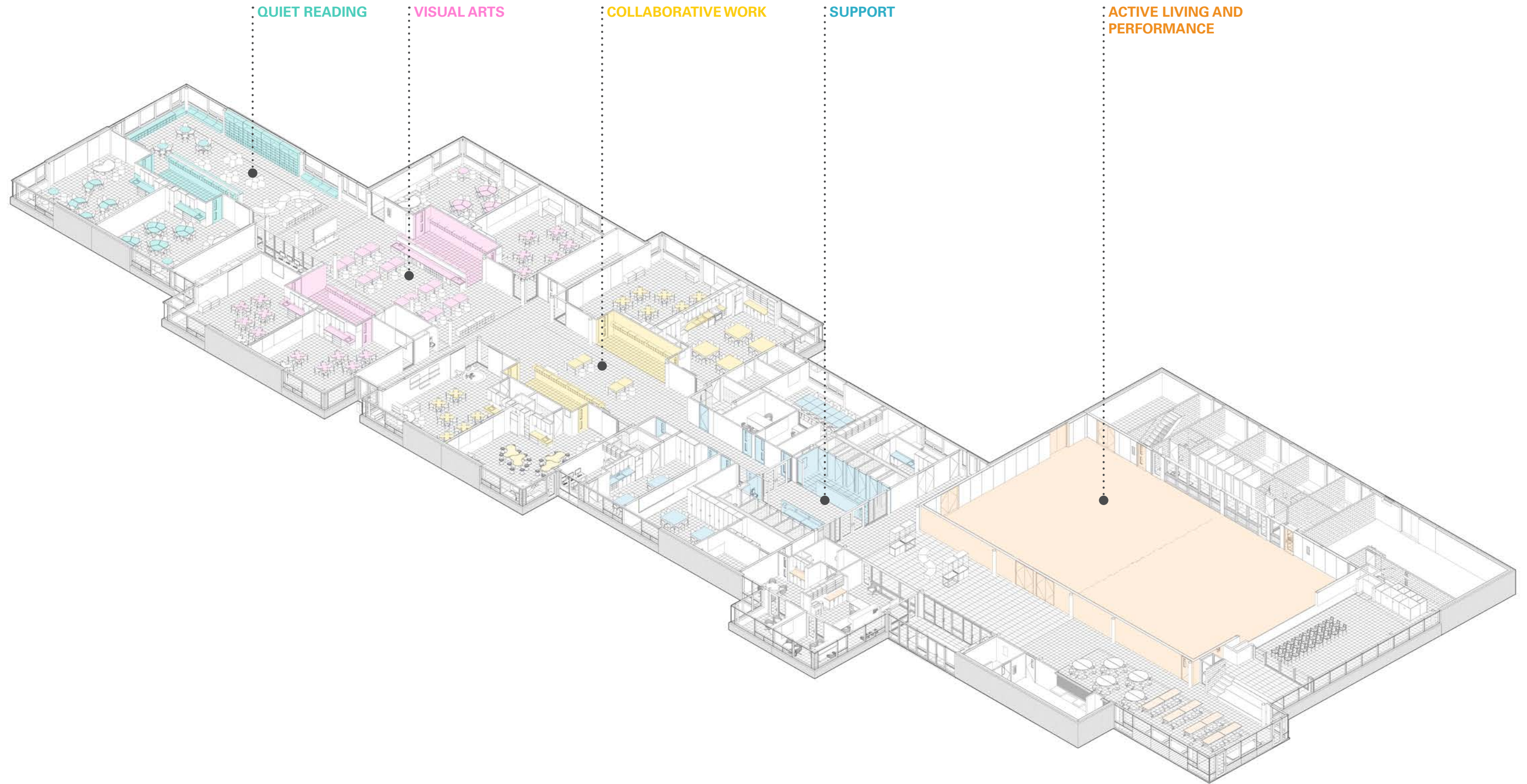


ZONES

- Lobby and Cafeteria
- Active Living and Performance
- Admin and Support
- Collaborative Work
- Visual Arts
- Quiet Reading



INTERIOR
AXONOMETRIC



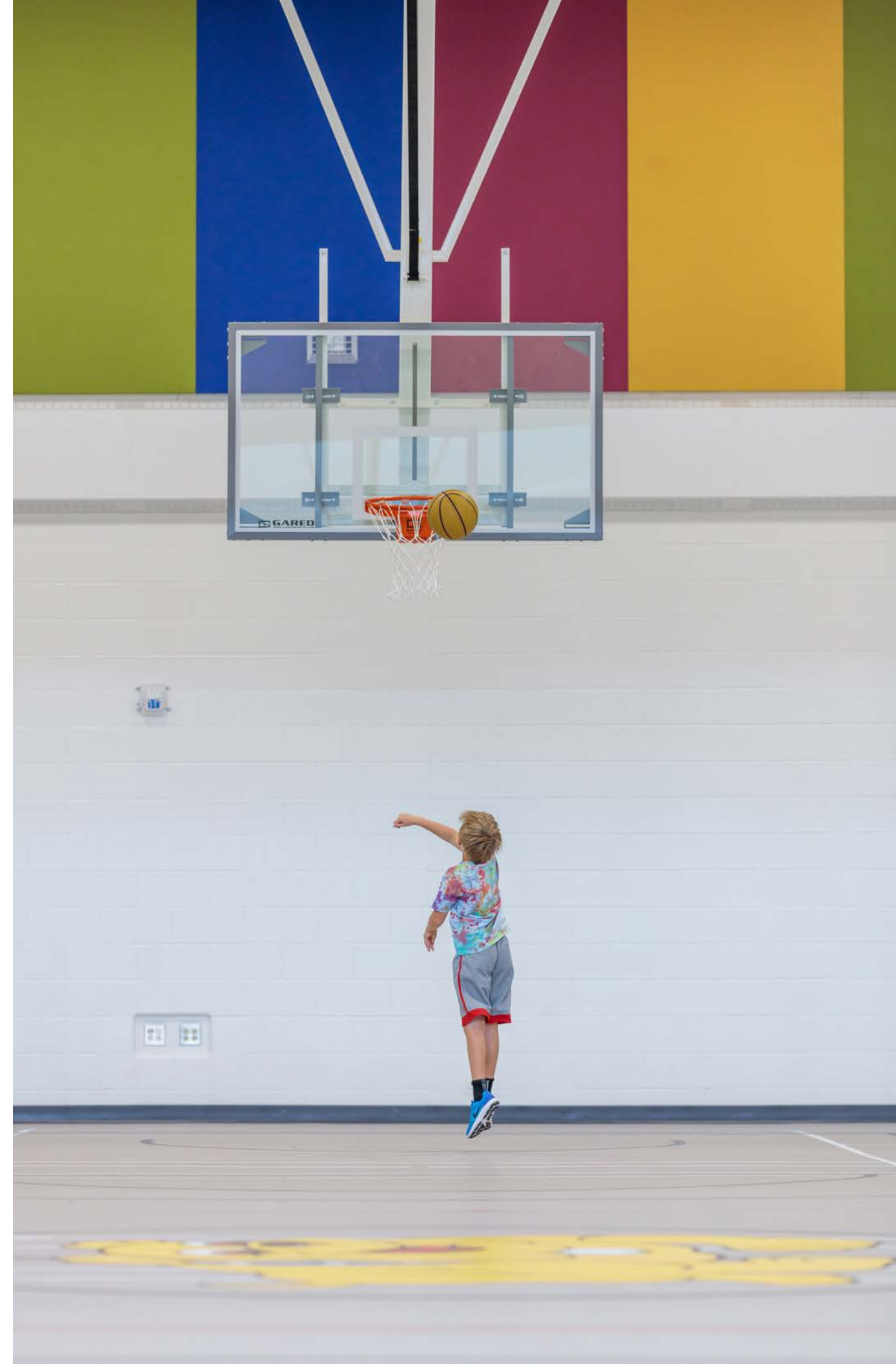
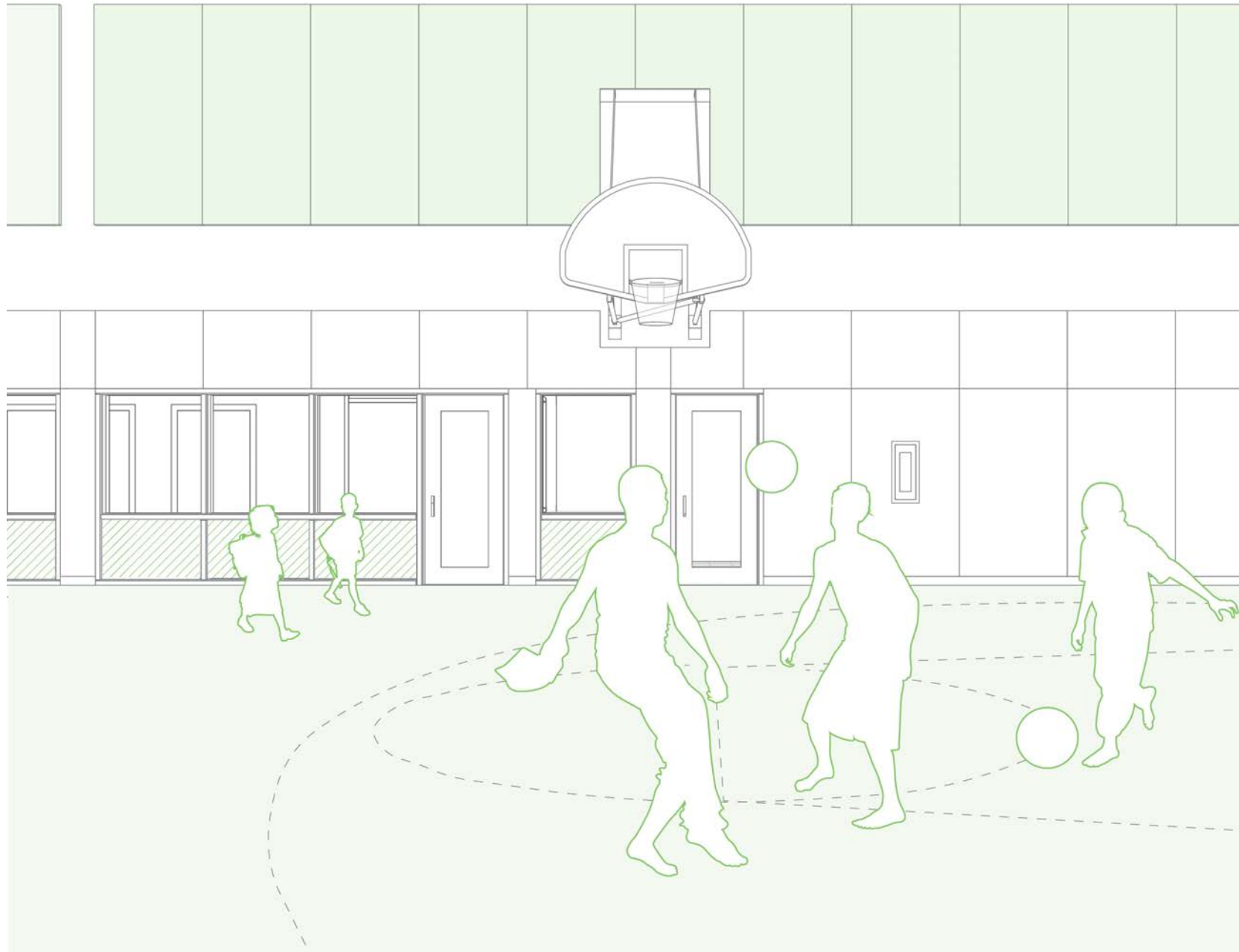
CAFETERIA

Right Image: Bible Hill School



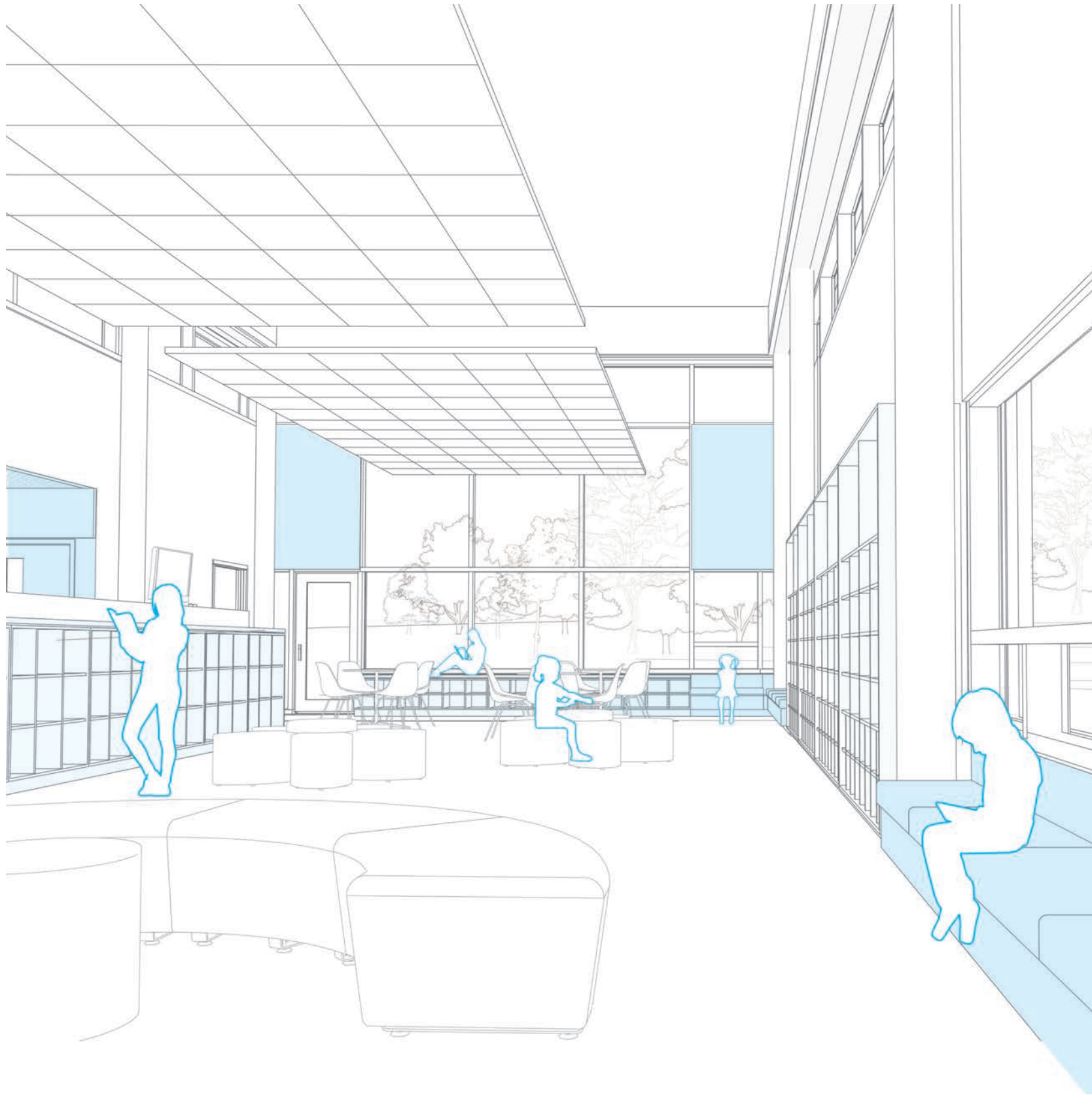
GYM

Right Image: Bible Hill School








QUIET READING ZONE

Right Image: Bible Hill School



GREEN GLOBES SUSTAINABILITY RATING SYSTEM

<p>25-39%</p>		<p>1 Green Globe To participate in the Green Globes Eco-Rating Program, a building design must have identified and initiated some measures to improve the energy and environmental performance such as energy use reduction strategies, water conservation steps, waste reduction, etc. A key component should be a commitment to a set of guiding environmental principles.</p>
<p>40-54%</p>		<p>2 Green Globes This designation indicates that the design has moved beyond awareness and commitment to sound energy and environmental design practices, and has demonstrated good progress in reducing environmental impacts.</p>
<p>55-69%</p>		<p>3 Green Globes This designation indicates excellent progress in achieving eco-efficiency results through current best energy and environmental design practices.</p>
<p>70-84%</p>		<p>4 Green Globes This designation indicates leadership in terms of energy and environmental design practices and commitment to continuous improvement and industry leadership.</p>
<p>more than 85%</p>		<p>5 Green Globes This designation is reserved for select building designs, which are serving as national or world leaders in energy and environmental performance, and are introducing design practices that can be adopted and implemented by others.</p>



One Globe = 25-39% Two Globes = 40-54% **Three Globes = 55-69%** Four Globes = 70-84% Five Globes = above 85%

T	P	NA	N

T	P	NA	N	Category	Points
33.7	5	3.5	7.8	Project Management	50
3			7	3.1.1 Integrated Design Process	10
8	1	3	1	3.1.2 Environmental Management During Construction	12.5
23	4	1		3.1.3 Commissioning	27.5

T	P	NA	N	Category	Points
31	48	7	50	Site	120
	4		26	3.2.1 Development Area	30
14	13		12	3.2.2 Ecological Impacts	30
	15		3	3.2.3 Stormwater Management	18
17	9			3.2.4 Landscaping	26
	7	7		3.2.5 Exterior Light Pollution	7
			9	3.2.6 Site Innovation	9

T	P	NA	N	Category	Points
217.5	95	33	50.0	Energy	395
100	50			3.3.1 Energy Performance	150
	8		8	3.3.2 Energy Demand	16
1	9	3		3.3.3 Metering, Measurement, and Verification	12
23			5	3.3.4 Building Opaque Envelope	28
29	3		2	3.3.5 Lighting	34
18	22	19		3.3.6 HVAC Systems and Controls	59
20	1	6		3.3.7 Other Equipment and Controls	26
5		5		3.3.8 Other Energy Efficient Equipment and Measures	10
15			12	3.3.9 Renewable Energy	27
7	3		13	3.3.10 Energy Efficient Transportation	23
			10	3.3.11 Energy Innovation	10

T	P	NA	N	Category	Points
29	28	35	18	Water	110
6	22	2		3.4.1 Water Consumption	30
		9		3.4.2 Cooling Towers	9
	1	3		3.4.3 Boilers and Water Heaters	4
6		15		3.4.4 Water Intensive Application	21
	2		1	3.4.5 Water Treatment	3
			5	3.4.6 Alternate Sources of Water	5
3	3	3	2	3.4.7 Metering	11
14		3		3.4.8 Irrigation	17
			10	3.4.9 Water Innovation	10

T	P	NA	N	Category	Points
71.5	19.5	20	14	Materials and Resources	125
32				3.5.1 Building Assembly	32
6	4			3.5.2 Interior Fit-out (including finishes and furnishings)	10
	4	16	4	3.5.3 Re-use of Existing Structure	24
8				3.5.4 Waste	8
	7			3.5.5 Building Service Life Plan	7
4	2			3.5.6 Resource Conservation	6
10				3.5.7 Envelope - Roof and Openings	10
4		2		3.5.8 Envelope - Foundation, Waterproofing	6
5	1			3.5.9 Envelope - Cladding	5
3	2	2		3.5.10 Envelope - Barriers	7
			10	3.5.11 Resource Innovation	10

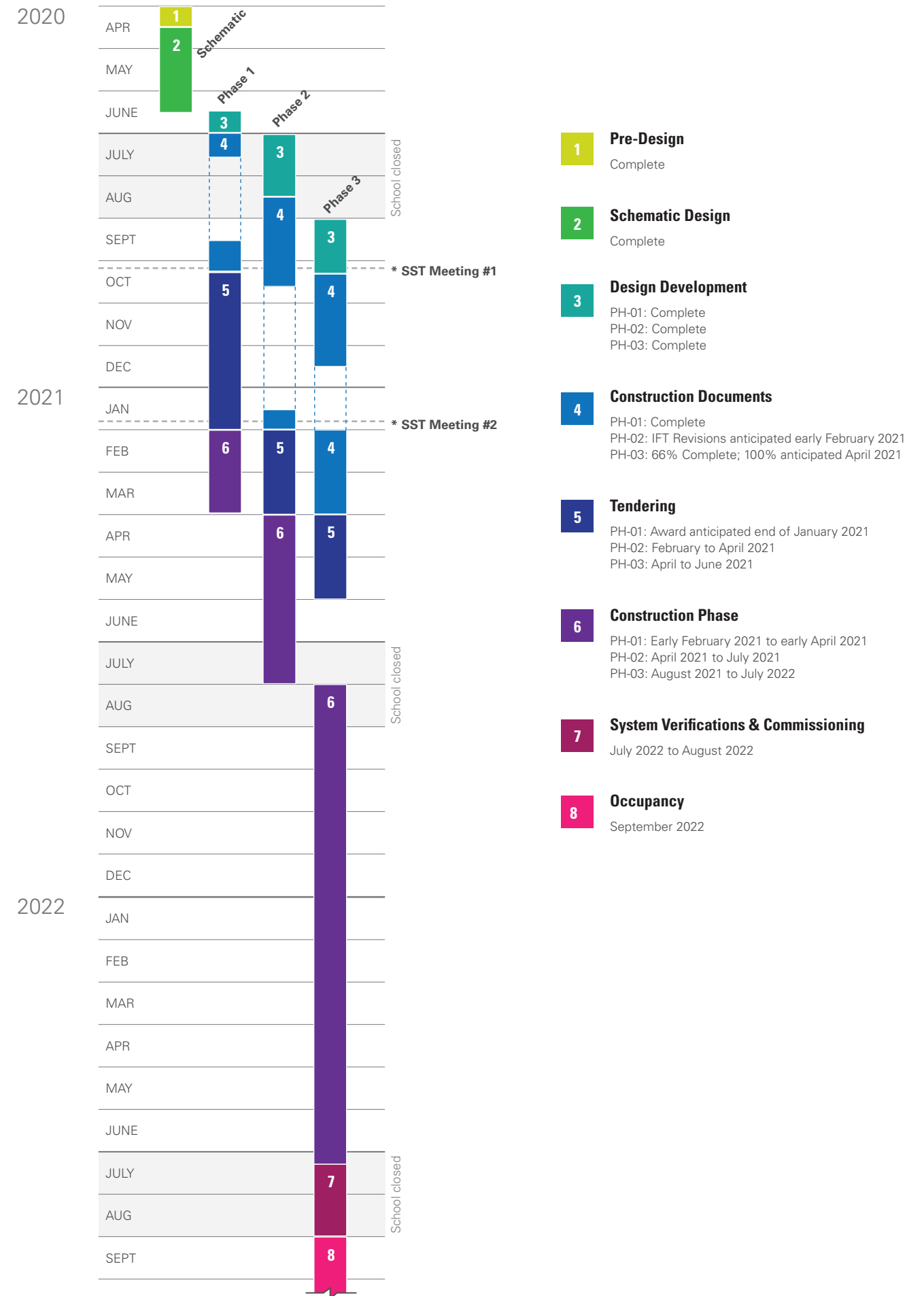
T	P	NA	N	Category	Points
41	16	0	3	Emissions	50
18				3.6.1 Heating	18
20	16		3	3.6.2 Cooling	29
3				3.6.3 Janitorial Equipment	3

T	P	NA	N	Category	Points
87	51	11	1	Indoor Environment	150
25	8			3.7.1 Ventilation	33
29	11	7		3.7.2 Source Control and Measurement of Indoor Pollution	47
17	12		1	3.7.3 Lighting Design and Systems	30
6	2	4		3.7.4 Thermal Comfort	12
10	18			3.7.5 Acoustic Comfort	28

	Targeted
	Pending
	Not Applicable
	Not Targeted

T	P	NA	No	Possible Points:	1000	
510.7	263	109	143.8	TOTALS	891	
					Score:	57.3%

SCHEDULE



100Q QUIET READING ZONE

Goodnight!

