



SUMMARY EDUCATIONAL SPECIFICATIONS

FOR

New Carleton K-8 School

Anglophone West School District

March 2024

**Department of Education and Early Childhood Development
Educational Facilities and Pupil Transportation Branch**

FOR DECISIONAL

FOR DEC APPROVAL

INTRODUCTION

01.1 PROJECT SPECIFIC DIRECTIVES

Anglophone West School District requested of the Minister of Education and Early Childhood Development in their 2023-24 Capital Budget submittal that a new K-8 school to replace Bath Community School, Bristol Elementary School, Florenceville Elementary School, and Florenceville Middle School. The new school is to be constructed in the Florenceville-Bristol area as defined by the District Education Council. The design phase was approved as part of Government's 2024-25 Capital Budget.

The target date for completion for occupancy of the school is Summer 2027. The target design enrolment is 612 grade K-8 students with 32 groupings.

The school will be designed/constructed based on these Educational Specifications authored by the New Carleton K-8 School Planning Committee and designed/constructed according to the Department of Transportation and Infrastructure (DTI) standard document "Design Guidelines for Educational Facilities" latest edition.

Vision

Where deemed appropriate by EECD, DTI and ASD-W, new school design concepts will be sought for spatial arrangements and finish materials. Unless otherwise advised during planning, EECD's and DTI's standard guidelines will apply.

The overarching goal is to formulate a design that is inviting and create an environment that actively engages learners of all ages and personalities, promote concepts of Deeper Learning and promote general well-being of occupants and draw on the communities deep and rich agricultural history.

Conceptual solutions are expected to be flexible, encourage different types and ways of learning, and will allow for classroom, individual, collaborative, formal and informal learning activities. Designers are encouraged to be creative in bringing the vision in the Educational Specification to life.

Exposed aggregate polished concrete flooring will be considered as the standard flooring for the building. Moveable walls and sliding/folding whiteboards will optimise classrooms connectivity and collaborative space through the school. Mass timber can be considered for this facility.

The main entry of the building will be open and inviting leading into the school's focal point showcase library space, dining and assembly area, gymnasium and potentially a green wall indicative of the agricultural community. The facility will provide bright and open collaborate spaces for group learning and social gathering, as well as smaller and more intimate nodes for individuals needing a quieter environment for individual study and research. Established security guidelines must be respected and considered in all aspects of the design.

The design will encompass community groupings such as Kindergarten to Grade 2,

Grade 3 to 5, and Grade 6 to 8 but must take into consideration the fact that spaces such as the cafeteria, library, green wall, gymnasium, etc. are shared amongst all grade levels; each section of the school will serve a specific purpose but will not feel segregated or separate from the remainder of the building. The overarching theme of this facility is community building, occupants should feel comfortable as they flow from one area of the school to the next, invited by vista views and appealing aesthetics while considering ease of supervision.

Simple design choices such as colour selection, patterns, and corridor configurations could be used to draw students from one area of the school into the next.

Flexibility within the built environment is very important and will foster flexible teaching, thinking, scheduling and curriculum. Accommodations are to be made in the design so that instruction can take place not only in classrooms, but in spaces such as the learning commons, cafeteria, break-out rooms, and project work areas that will be located off corridors. Dispersed technology will allow instructors and students to take advantage of learning opportunities throughout the school; infrastructure must be built to expect and embrace innovation. The design will focus on creating diverse and distinctive spaces within the school, while at the same time being mindful of efficiencies in infrastructure that come with patterns and repetition.

Design notes:

- Exposed aggregate polished concrete flooring throughout, use different aggregate colour, staining or aggregate size or a combination of, for those areas where visual contrast is required.
- Project work areas are to be dispersed along corridors and can integrate break-out rooms that are accessible through a classroom and the corridor. Project work areas can be delineated with carpet tile or other low maintenance durable flooring.
- Maximise use of moveable walls between classrooms with whiteboard material as surface choice.
- Fourth flagpole for the promotion of cultures and events.
- Interior living wall/green walls to highlight community's agricultural background.
- Community garden – provide a secure exterior faucet for gardening.
- Outdoor learning space in a natural setting, natural themes.

DESIGN ENROLMENT

Design Capacity		Enrolment Year	Maximum Capacity
Totals	Classrooms		
		2023	
68	4	M/K	84
68	4	01	84
68	4	02	84
68	4	03	104
68	4	04	112
68	4	05	112
68	4	06	112
68	4	07	112
68	4	08	116
		<u>Enregistrement</u>	
408		Enrol. (K - 5)	580
204		Enrol. (6 - 8)	340
612		Total Enrol.	920

Factors Considered

- School projection based on ASD-W analytics.
- Out of province migration impacting student growth.
- Municipality did not provide growth values for area.
- Use design enrolment of 68 students for grades between kindergarten and grade 8.
- EECD Policy and Planning Projections support growth.
- Historical Enrolment demonstrates significant growth in area.

HISTORICAL ENROLMENT

All Schools	Change	2018	2019	2020	2021	2022	2023
Total Enrolment	-3.08%	671	636	584	591	575	572
G00	2.51%	56	52	55	56	52	62
G01	-1.46%	62	58	59	60	64	57
G02	0.06%	69	63	58	64	54	66
G03	0.06%	64	69	58	59	62	63
G04	-5.52%	85	64	61	59	59	62
G05	-1.72%	74	81	64	72	64	65
G06	-3.58%	83	74	80	64	74	66
G07	-4.64%	97	82	69	81	60	70
G08	-4.02%	81	93	80	76	86	61
G09	0.00%	0	0	0	0	0	0
G10	0.00%	0	0	0	0	0	0
G11	0.00%	0	0	0	0	0	0
G12	0.00%	0	0	0	0	0	0

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ASDW – ENROLMENT PROJECTIONS

Projection Summary Set: Baragar Summary Set																			Anglophone West School District All Schools	
Grade	A Projection of Total Enrolment: All Programs																			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
K	57	53	57	56	52	57	65	60	50	53	51	53	50	52	50	52	50	52	50	52
1	63	57	58	60	65	61	63	73	65	56	60	56	58	56	58	56	58	56	58	56
2	71	62	61	63	54	68	65	68	75	68	59	61	58	60	58	60	58	60	58	60
3	61	69	56	59	62	51	64	61	63	70	63	54	59	54	56	54	56	54	56	54
4	86	64	62	59	60	62	51	64	58	63	68	63	53	57	54	56	54	55	53	55
5	76	82	65	73	63	62	64	54	67	61	66	73	66	56	60	56	58	56	58	56
6	65	69	78	63	73	62	61	65	54	67	61	66	71	65	57	60	57	58	57	58
7	86	64	66	81	61	72	62	62	66	55	67	62	67	71	65	57	60	56	59	57
8	69	87	62	71	90	67	77	65	65	69	58	69	65	70	74	68	60	63	60	61
1 to 3	195	188	175	182	181	180	192	202	203	194	182	171	175	170	172	170	172	170	172	170
4 to 6	227	215	205	195	196	186	176	183	179	191	195	202	190	178	171	172	169	169	168	169
1 to 8	577	554	508	529	528	505	507	512	513	509	502	504	497	489	482	467	461	458	459	457
K to 8	634	607	565	585	580	562	572	572	563	562	553	557	547	541	532	519	511	510	509	509
Total	634	607	565	585	580	562	572	572	563	562	553	557	547	541	532	519	511	510	509	509
Change from 2022:																				
1 to 3						-1	-11	-21	-22	-13	-1	-10	-6	-11	-9	-11	-9	-11	-9	-11
4 to 6						-10	-20	-13	-17	-5	-1	-6	-6	-18	-25	-24	-27	-27	-28	-27
1 to 8						-23	-21	-16	-15	-19	-26	-24	-31	-39	-46	-61	-67	-70	-69	-71
K to 8						-18	-8	-8	-17	-18	-27	-23	-33	-39	-48	-61	-69	-70	-71	-71
Total						-18	-8	-8	-17	-18	-27	-23	-33	-39	-48	-61	-69	-70	-71	-71
						62	64	64	63	62	61	62	61	60	59	58	57	57	57	57

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FUNCTIONAL PROGRAM
Carleton K-8

Target Enrolment: 612 Students / 32 groups

Space	Quantity	Area	Total Area M ²
General			
Early Childhood Development Room	1	110.0	110.0
Kindergarten Classroom	4	90.0	360.0
General Instruction Classroom Gr 1-5	20	70.0	1400.0
General Instruction Classroom Gr 6-8	12	81.0	972.0
Break-out rooms	12	10.0	120.0
General Storage Room	44	3.5	154.0
Project Work Area	6	35.0	210.0
Specialized Instruction			
Music Room Elementary	1	110.0	110.0
Music Room Middle	1	130.0	130.0
Performing Arts Room	1	110.0	110.0
Art Class	1	110.0	110.0
General Science Laboratory	1	130.0	130.0
Preparation Room 24m - single	1	24.0	24.0
MSTE (middle school technology education)	1	250.0	250.0
Physical Education			
Gymnasium	1	591.0	591.0
Ancillary Spaces	2	39.0	78.0
Toilets 2@9=18m2			
Changerooms 2@22=44m2			
Showers 2@8=16m2			
Gymnasium	1	591.0	591.0
Ancillary Spaces	2	31.0	62.0
Toilets 2@9=18m2			
Changerooms 2@22=44m2			
Instructors Office	2	10.0	20.0
Staff Shower	1	4.0	4.0
Gymnasium Storage	1	90.0	90.0
Community Storage	1	20.0	20.0

Student Services			
Small Resource Room	5	18.0	90.0
Medium Resource Room	1	30.0	30.0
Large Resource Room	2	45.0	90.0
Special Care Resource Room	1	35.0	35.0
Wash/Change Room	1	17.0	17.0
Guidance Office	1	9.0	9.0
ISD Office	1	12.0	12.0
Visiting Professionals Office	9	9.0	81.0
Waiting Area	1	10.0	10.0
De-escalation/calming office	1	10.0	10.0
De-escalation room	1	9.0	9.0
Health Room	1	13.0	13.0
Multi-function Room	2	110.0	220.0
Student Council	1	24.2	24.2
Library / Media Centre			
Library	1	244.8	244.8
Seminar / Activity Room	1	40.0	40.0
Cafeteria			
Dining and assembly	1	367.2	367.2
Kitchen	1	85.0	85.0
Breakfast program	1	25.0	25.0
Stage	1	72.0	72.0
Personnel Centre/ Staff Room			
Staff Lounge and Kitchenette	1	52.8	52.8
Staff Work Areas	1	81.4	81.4
Staff Washrooms	2	4.0	8.0
Administration			
Reception	1	18.0	18.0
General Office	1	25.0	25.0
Principal's Office	1	14.0	14.0
Vice Principal's Office	2	11.0	22.0
Storage Area / CUME	1	12.0	12.0

Vestibule Meeting Room and WR	1	14.0	14.0
Custodial			
Main Custodial Space and Closets	1	45.0	45.0
Recycling Room	1	15.0	15.0
Sub Total			7,437.4
Systems and Services			
Overall Systems and Services (50%)			3,718.7
Circulation (corridors, stairwells, lobby, vestibules, elevator)		23%	
Student/Public Washrooms		3%	
Walls		14%	
M, E, Data, Computer Cart Rms		5%	
Grand Total			11,156.1

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PLANNING COMMITTEE MEMBERS

New Carleton K-8 School Planning Committee

Katie Saunders	Principal Bath Community School
Susan Maxwell	Principal Bristol Elementary School
Melissa Richardson	Principal Florenceville Elementary School
Deidra Rioux	Principal Florenceville Middle School
Colleen MacDonald Briggs	PSSC Representative
Shawn Tracey	Director of Finance and Administration, ASD-W
Jin Jeong	Facilities Manager, ASD-W
Mark Reid	Assistance Facilities Manager, ASD-W
Jay Colpitts	Director of Schools, ASD-W
Candace Browse	DEC member, ASD-W
Andrew Harvey	Mayor, District of Carleton North
Gaby Mann	Economic and Community Development Manager, District of Carleton North (alternate)
Jean-Marc Noel	Senior Project Manager, EECD
Pascal Landry	Chair - Infrastructure Program Manager, EECD