

EDUCATIONAL SPECIFICATIONS SUMMARY

FOR

Saint Mary's Academy School
Addition

Anglophone West School District

March 2025

Department of Education & Early Childhood Development
Educational Facilities & Pupil Transportation Branch

INTRODUCTION

PROJECT SPECIFIC DIRECTIVES

Anglophone West School District requested of the Minister of Education in their 2025-26 budget submittal an addition for Saint Mary's Academy School. The design phase was approved as part of Government 2025-26 Capital Budget to address the enrollment increase for the school.

The target date of completion for occupancy of the addition is Summer 2028. The target design enrollment is 455 students with 26 groupings for the K-12 School.

The addition and minor renovation will be designed/constructed based on the latest version of "Planning Guidelines for Educational Facilities" authored by the Facilities and Pupil Transportation Branch Department of Education and Early Childhood Development and constructed according to the Department of Transportation and Infrastructure's standard document "Design Guidelines for Educational Facilities" latest edition.

Vision

Where deemed appropriate by EECD, DTI and ASD-W, modern 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 new addition shall be thoughtfully designed with architecture that seamlessly integrates with the existing school, guiding the school community effortlessly from one space to another and creating a dynamic, interconnected environment. Each area within the addition will be strategically laid out to encourage movement and interaction, with wide, open corridors that flow naturally between classrooms and communal zones. The architectural design will ensure a cohesive connection between the existing building and the new spaces, maintaining smooth transitions with thoughtful design elements, such as visual cues for navigating different areas and integrated pathways that foster a sense of unity and continuity throughout the school.

Conceptual solutions will incorporate flexible spaces that can easily adapt to evolving learning needs, supporting student success in a dynamic educational environment. The addition will provide areas for individual study, small group collaboration, and large project-based learning, bringing the vision outlined in the Educational Specification to life.

Each section within the addition will serve a specific purpose while maintaining a strong connection to the rest of the school, ensuring that the new spaces feel integrated rather than separate.

All design choices will adhere to security guidelines, ensuring a safe and well-considered environment. Simple yet effective design elements, such as colour

selection, patterns, and corridor/ceiling configurations, will guide students naturally from one area to the next, reinforcing a sense of continuity between old and new spaces.

Dispersed technology will continue to empower instructors and students, allowing them to take advantage of learning opportunities throughout the entire school. Therefore, the infrastructure within the addition must be built to support and embrace ongoing innovation. The design will focus on creating diverse and distinctive spaces within the new addition while maintaining efficiency through thoughtful patterns and repetition.

To ensure visual and functional harmony with the existing school, exposed colourful aggregate polished concrete flooring will be considered as the standard flooring for the addition. Moveable walls and sliding/folding whiteboards will optimize classrooms and other shared spaces, enhancing connectivity and collaboration throughout the school.

RENOVATED SPACE FUNCTIONAL PROGRAM

The following existing rooms will need to be addressed for functional program requirements along with the addition. Additional modification may be required to accommodate existing spaces and functional program requirements.

Room A112: The existing library in the building is currently not being used as a library. It will be reinstated for its intended function.

Room A134: Convert the existing gym office and attached shower into a full-size instructor office. Relocate the staff shower near the gym & Multipurpose gymnasium.

Room C107: A review of the existing computer lab is requested to optimize function within the space. The current computer lab will be converted into a general science lab.

Room A118: Cafeteria to be extended to accommodate current and future needs. A structural analysis will be required to determine how the space can be expanded with the addition.

Stage A124: Accessibility to the stage will need to be included with the addition.

Admin Area: A comprehensive review and revamp of the admin area is requested. The existing staff work area will be removed to allow for a reconfiguration of spaces, including reception, general office, principal office, VP office, cumulative filing area, vestibule meeting room, washroom, and storage room. Additionally, the main vestibule will be renovated to enhance safety and security in compliance with school

norms. (Rooms includes- A111, A111a, A108, A103, A107, A105, A104, A106 & A101)

Room C205(A&B): The room 205 and 205B will be designated as the Food Laboratory, while the existing wood shop in room 205A will be relocated to the new addition, thus allowing 205A to become the Clothing and Human Development Laboratory. The space allocated for each room would be 105sq.m.

Material: Exposed aggregate polished concrete flooring throughout, consideration can be made for different aggregate colour, staining or aggregate size for those areas where visual contrast is required.

SITE COMPONENTS

- i. Space for **8 buses** at one time and separate and not in conflict with the parental drop-off zone.
- ii. Space for **10** anticipated parent vehicles dropping students off at once.
- iii. The school requires a total of **85** parking stalls, including spaces for staff, visitors, students, and accessible parking.
- iv. The school will have bike racks to accommodate **24 bikes**.
- v. Considerations to be made if the addition impacts the existing playground, playfields and the hard surface play area and requires a new play area development.

DESIGN ENROLMENT

Design Capacity		Enrolment Year	Maximum Capacity	
Totals	Classrooms		Totals	Classrooms
		2025		
35	2	M/K	42	2
35	2	01	42	2
35	2	02	42	2
35	2	03	52	2
35	2	04	56	2
35	2	05	56	2
35	2	06	56	2
35	2	07	58	2
35	2	08	58	2
35	2	09	58	2
35	2	10	58	2
35	2	11	58	2
35	2	12	58	2
		Enregistrement		
210		Enrol. (K - 5)	290	
105		Enrol. (6 - 8)	172	
140		Enrol. (9 - 12)	232	
455		Total Enrol.	694	

ENROLMENT PROJECTIONS

School Name	School ID	Total	G00	G01	G02	G03	G04	G05	G06	G07	G08	G09	G10	G11	G12
Saint Mary's Academy	5401	349	19	31	25	28	31	34	26	25	28	27	30	31	14
Viable simple projection 5								Baragar Forecasting							
	Change	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Total Enrolment	14.91%	177	191	250	295	336	349	400	419	426	435	449	454	449	436
G00	22.48%	10	18	15	27	20	19	21	24	24	22	22	21	21	21
G01	22.85%	13	17	24	19	31	31	25	23	25	25	24	24	23	23
G02	23.18%	10	15	23	28	23	25	23	28	25	27	27	26	25	24
G03	19.06%	13	14	24	25	28	28	41	27	31	28	31	30	29	28
G04	17.58%	16	13	17	28	32	31	33	43	28	32	29	31	31	29
G05	24.77%	12	16	16	22	33	34	30	35	45	30	34	31	33	33
G06	8.58%	23	14	21	17	25	26	40	33	37	46	31	36	32	34
G07	16.63%	15	23	15	22	19	25	36	42	33	38	47	31	36	32
G08	24.43%	18	12	32	26	27	28	28	40	45	36	41	50	34	39
G09	22.84%	11	16	16	27	27	27	25	29	41	46	36	41	51	35
G10	23.52%	11	11	16	20	28	30	29	27	31	42	48	38	43	52
G11	31.71%	8	12	17	20	26	31	36	32	30	34	45	51	40	46
G12	0.52%	17	10	14	14	17	14	33	36	31	29	34	44	51	40

FUNCTIONAL PROGRAM

Saint Mary's Academy School K-12 Addition (ASD-W)

Target Enrolment: 455 Students / 26 Groups

Addition Space	Quantity	Area	Total Area M ²
General			
Early Childhood Development Room	1	110.0	110.0
Kindergarten Classroom	2	90.0	180.0
General Instruction Classroom Grade 1-5	5	70.0	350.0
General Instruction Classroom Grade 6-12	4	76.0	304.0
Break out rooms	4	11.0	44.0
General Storage Room			73.5
Project Work Area	5	35.0	175.0
Specialized Instruction			
Music Room Elementary/Middle/High	1	140.0	140.0
Art Class	1	120.0	120.0
Performing Arts Room	1	110.0	110.0
Computer Laboratory	1	90.0	90.0
Vocational Shops	1	300.0	300.0
Shared Technology classroom	1	60.0	60.0
Physical Education			
Multi-Purpose Gymnasium	1	280.0	280.0
Ancillary Change Area Spaces			
Toilets 2@18=36m2	1	18.0	18.0
Changerooms 2@44=88m2	1	44.0	44.0
Showers 1@16=16m2			
Instructors Office	1	10.0	10.0
Staff Shower and Washroom	1	8.0	8.0
Gymnasium Storage	1	55.0	55.0
Community Storage	1	15.0	15.0
Student Services			
Resource Room1	5	20.0	100.0
Resource Room2	1	75.0	75.0

Resource Room3	1	35.0	35.0
Special Care Resource Room	1	35.0	35.0
Wash/Change Room	1	17.0	17.0
Quite room	1	11.0	11.0
Sensory Calming room	1	10.0	10.0
Guidance Office	1	9.0	9.0
ISD Office	1	12.0	12.0
Visiting Professionals Office 1	3	9.0	27.0
Visiting Professionals Office 2	4	9.0	36.0
Waiting Area	1	10.0	10.0
Multi-Function Room	1	110.0	110.0
First Nation Space	1	70.0	70.0
Breakfast Program	1	25.0	25.0
Student Council	1	21.1	21.1
Student Commons	1	91.0	91.0
Cafeteria (To be expanded)			
Dining and assembly	1	131.0	131.0
Stage Accessibility	1	20.0	20.0
Personnel Centre/ Staff Room			
Staff Lounge and Kitchenette	1	37.2	37.2
Staff Work Areas	1	57.4	57.4
Staff Washrooms	1	8.0	8.0
Custodial			
Main Custodial Space and Closets	1	15.0	15.0
Recycling Room	1	15.0	15.0
Sub Total			3444.2
Systems and Services			
Overall Systems and Services (50%)			1722.1
Circulation (corridors, stairwells, lobby, vestibules, elevator)	25%		
Student/Public Washrooms	6%		
Walls	14%		
M, E, Data, Computer Cart Rms	5%		
Grand Total Square Meters			5166.3

Renovation Spaces	Room No	Quantity	Total Area M ²
Specialized Instruction			
General Science Lab	C107	1	83
Clothing and Human Development	C205A	1	105
Food Laboratory	C205	1	105
Physical Education			
Gym office	A134a	1	10
Library/Media Centre			
Library	A112 & A200	1	326
Administration			
Reception		1	10
General Office		1	20
Principal's Office	A111, A111a,	1	14
Vice Principal's Office	A108, A103, A107,	1	11
Cumulative Filing	A105, A104	1	11
Storage Room		1	4
Vestibule Meeting room & Washroom	A101	1	14
Sub Total			713
System and Services			
Walls	15%		
M, E, Data, Computer Cart Areas	6%		149.73
Grand Total Square Meters			862.73
Addition Space	5166.3		
Renovation Spaces	862.73		

PLANNING COMMITTEE MEMBERS

Saint Mary's Academy School K-12

Shawn Tracey	-Director of Finance and Administration, ASD-W
Jin Jeong	-Facilities Manager, ASD-W
Mark Reid	-Assistant Facilities Manager for the Woodstock Education Centre,
Julie Kilcollins	-Director of Schools for the Woodstock Education Centre, ASD-W
Sarah Francis	-Director – Leader for Indigenous Teachings, ASD-W
Julie Michaud	-Principal of Saint Mary's Academy School
Shirely Pelletier	-Chair of Parent School Support Committee for Saint Mary's Academy
Thomas Geburt	-Chair of the District Education Council, ASD-W
Alex Bernard	-Community Councillor for Madawaska First Nation
Eric Marquis	-Mayor for the City of Edmundston
Jansirani Boopalan	-Chair, Senior Project Manager, EECD

Design Committee

Date

Meeting #1-Introduction, Project overview, 21 st Century learning	January 24 th ,2025
Meeting #2 -Projections, Target enrolment, Functional program	February 12 th ,2025
Meeting #3 -Review Functional program	February 28 th , 2025
Meeting #4- Review of Draft Educational Specification	March 21 st ,2025
Educational Specification Design Committee Consensus to DEC	March 21 st ,2025