

DRAFT

Educational Specifications

Granby Memorial High School

EXCERPT: Science ADA Improvements and Building #1 North Stair Code Violation ONLY

APRIL 22, 2020

OSCG&R No.: 056-xxxx

INTRODUCTION:

NOTE: This project is a sub-project of a larger, more comprehensive high school renovation project. This project seeks to accelerate improvements to remedy deficiencies in ADA and building code compliance.

PROJECT RATIONALE: To improve the safety and universal accessibility of the students of Granby in keeping with the overall objectives of the Granby Public Schools' mission statement through adequate space allocation and facility improvement to the most deficient portions of the existing building. Enhancement to a safe and inclusive school culture, greater community and equal opportunity is paramount; this includes the safety of students changing classes and exiting the building in an emergency in the area of Building #1 North Staircase, and the universal accessibility of the Science classroom spaces.

It is possible the project will be divided into multiple phases to accomplish the full complement of work required.

LONG-RANGE PLAN:

The long-range plan for Capital Improvements to the Granby Memorial High School is to continue to enhance a responsive school environment appropriate for the future of the community's post-secondary preparedness. A recent NEAS&C report has stated recommendations for the improvement of the facility. ADA upgrades will be included and major code issues will be addressed. We have developed a multi-phase, multi-school schedule for enacting the elements of the Capital Improvements plan, upon which a town referendum has authorized, in part, ADA improvements and code-compliance upgrades, providing us with current detailed information to guide us in implementing our long-range plan. The Granby Board of Education plans to utilize the Granby Memorial High School site for the foreseeable future.

The existing school complex is comprised of five main building sections, identified by number: Building “#1”, “#2”, “#3”, “#4”, and “#5”. Despite this terminology, it is one connected school building; students can access all portions of the school without exiting the building. Buildings #1, #2 and #4 were built in the 1960s and were renovated around year 2000. Buildings #1 and #2 include mainly classrooms. The north exit/egress staircase of Building #1 does have a major code violation. Building #4 contains some core building functions, such as, the cafeteria, the original gym with locker rooms and supporting athletic spaces, technology education, and music. Buildings #3 (classrooms, Science labs and offices) and #5 (auditorium and new gym) were built around year 2000 and require only minimal alteration work (ADA items in a few Science labs).

THE PROJECT NEED:

This project came about as a result of need to improve specific student needs at the high school. Granby is committed to fulfill their mission of providing its students with the learning, collaboration and contribution to maintain and enhance the community’s place in the world. The NEAS&C report identifies certain needs that are recommended for incorporation into the project. These Educational Specifications focus only on the ADA and building code compliance issues noted herein.

SPACE AND PROJECTED STUDENT ENROLLMENT:

Granby Public Schools has performed a recent Enrollment Projection by Grade to 2027. Based on the analysis, Granby Memorial High School expects to lose 14% of its enrollment by 2027. Worth noting is that the middle school population returns to current levels in 2027, leading to the extrapolation that high school populations could trend upward beyond 2027. Noted herein, Granby Public Schools has reached out to neighboring towns to welcome their high school populations in efforts to achieve regional savings. It has been analyzed and determined that Granby Memorial High School can accommodate approximately 920 students by accomplishing these and other building and site modifications as part of a larger, more comprehensive high school renovation project.

YEAR	Kelly Lane Primary School	Wells Road Intermediate School	Granby Memorial Middle School	Granby Memorial High School	K-12 TOTAL
2019-2020	402	381	416	586	1,785
2020-2021	402	356	441	601	1,800
2021-2022	417	347	433	591	1,788
2022-2023	425	378	406	566	1,775
2023-2024	427	394	381	608	1,810
2024-2025	433	419	373	598	1,823

SCHOOL SAFETY AND ACCESSIBILITY REQUIREMENTS:

Mission Statement

All students will become powerful thinkers, effective collaborators and compassionate contributors in preparation for success in a dynamic, interdependent world.

Physical Design Introduction

In general, the Educational Specifications contemplate the means by which the physical spaces associated with the education program must be planned to be successful in delivering their mission.

Science (ADA Improvements)

The current first floor Life Sciences classroom will switch places with the current second floor Physical Sciences classroom. The new Life Sciences classroom will require a new eye/body wash combination unit and the new Physical Sciences classroom will require a new ADA-compliant sink and a structural support for suspending items during Physical Science demonstration and lab activities.

Building #1 North End Code Violation

The north exit and egress staircase of Building #1 presents a significant code violation (IBC 1005.4: Capacity of the means of egress required from any story of a building shall not be reduced along the path of egress travel until arrival at the public way.) Students exiting Building #1 to the north (one of 3 required exits) must travel a corridor which enters an egress staircase and narrows to 50% its width and subsequently must then accommodate the flow of students exiting from the second floor directly above. This narrow passage between the main corridor of Building #1 and the central staircase and rotunda of the school is also a daily programmatic nuisance in the delay caused by the student congestion associated with this code violation. Efforts to remedy the code violation and alleviate the congestion will be studied and necessary renovations will be made.