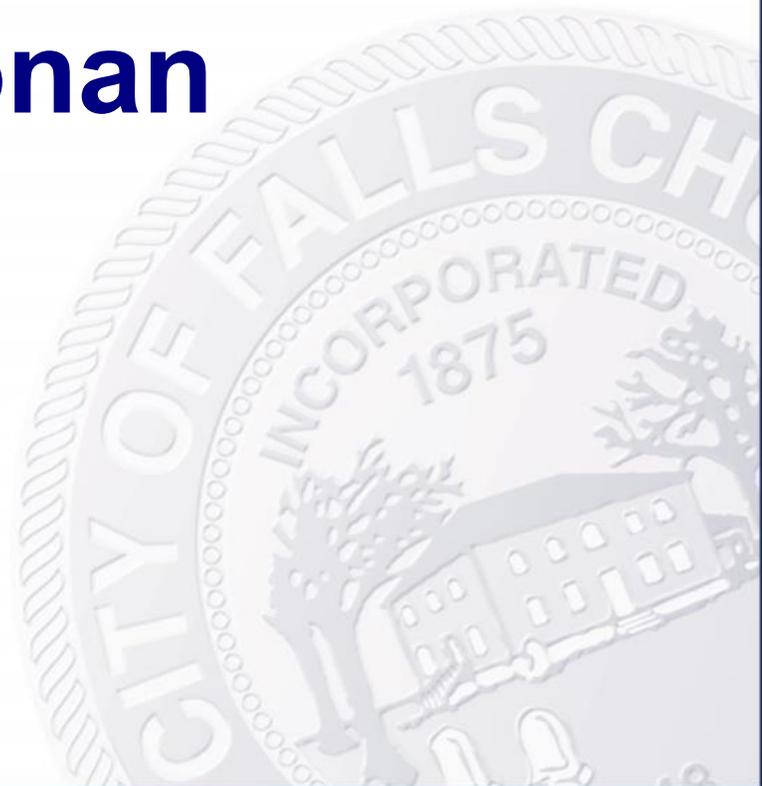
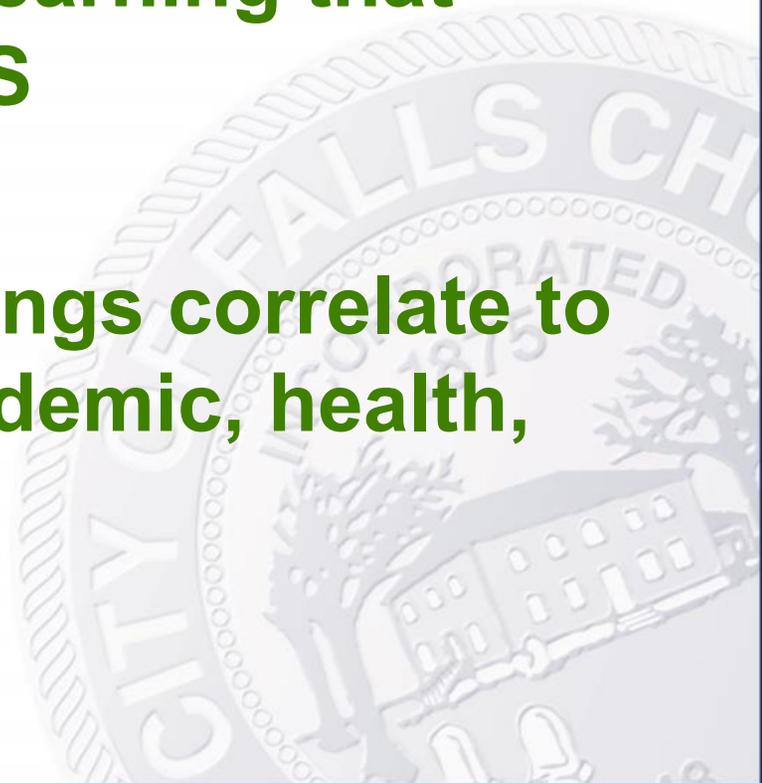


School Superintendent
Dr. Peter Noonan



21st Century Schools

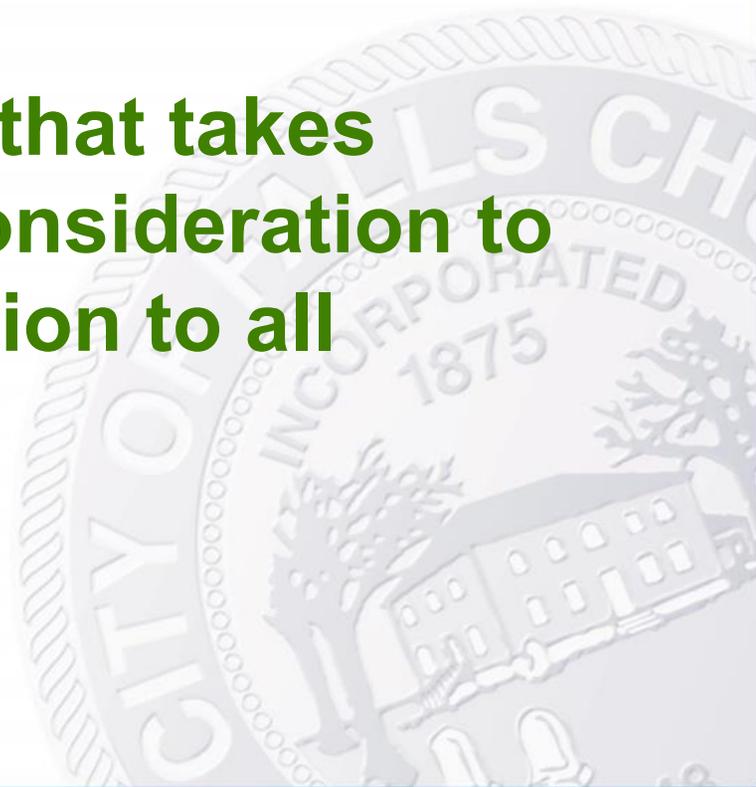
- Falls Church needs a 21st century high school to match the impressive 21st century teaching and learning that happens every day at GMHS
- A high quality school buildings correlate to high quality outcomes (academic, health, etc...).



Pre-K - 12 Facilities Needs

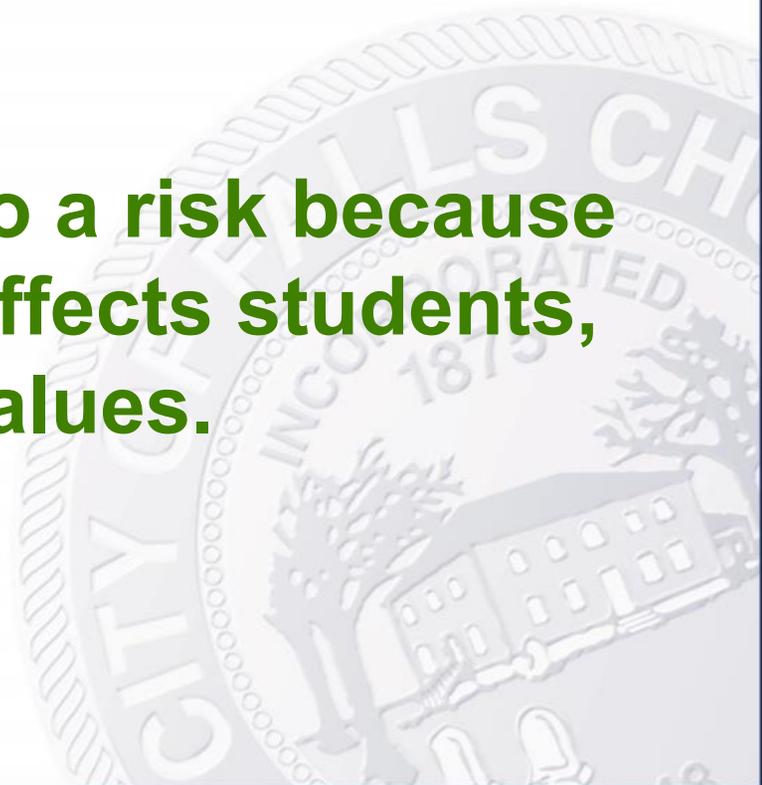
The School Board is committed to:

- **assessing all facilities needs**
- **developing a facilities plan that takes growth and capacity into consideration to provide high-quality education to all students in all grades.**

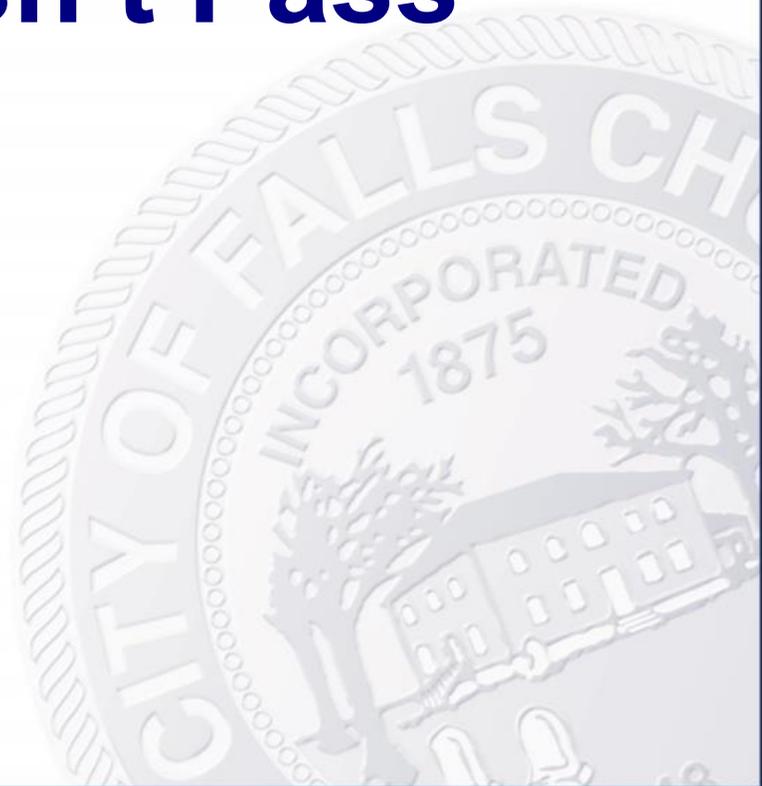


Assessing the Risk

- **The projected cost of a new high school is high, and there is some financial risk in taking out a large bond.**
- **Not doing the project is also a risk because the quality of our schools affects students, community, and property values.**



Future Projects to GM if Referendum Doesn't Pass



GM Capital Equipment Replacements

- Full HVAC Replacement (includes all ductwork, piping and electrical for new system) - \$12-14M *(Based on estimates provided by Arcadis and Shapiro & Duncan)*
- Full Roof Replacement - \$1.2M
- Exterior Doors and Store-Fronts - \$500-600K
- Flooring Replacement \$600-700K
- Elevators - \$950K
- Fire Alarm and Sprinkler Replacements- \$300K
- Intercom and Bell System - \$120K
- Generators - \$110K

Total Cost = \$15,780,000 – 17,980,000



- These are the highest priority systems replacements to keep GMHS operational.
- Involves a full HVAC replacement to include all equipment, ductwork and subsequent systems (i.e. electrical and plumbing) that service this equipment.
- Other major capital needs that could be deferred, but are beginning to fail due to age are:

1. Restroom Upgrades

- i. Many of the restrooms weren't renovated during the 1993-1994 project and are in need of full gut renovations
- ii. All other restrooms are in need of new fixtures, partitions and paint

2. Lighting

- i. Upgrade to LED fixtures to reduce operating costs

FCCPS: GEORGE MASON HIGH SCHOOL: FEASIBILITY STUDY
COMMUNITY SCHOOL | MAIN ENTRY PERSPECTIVE



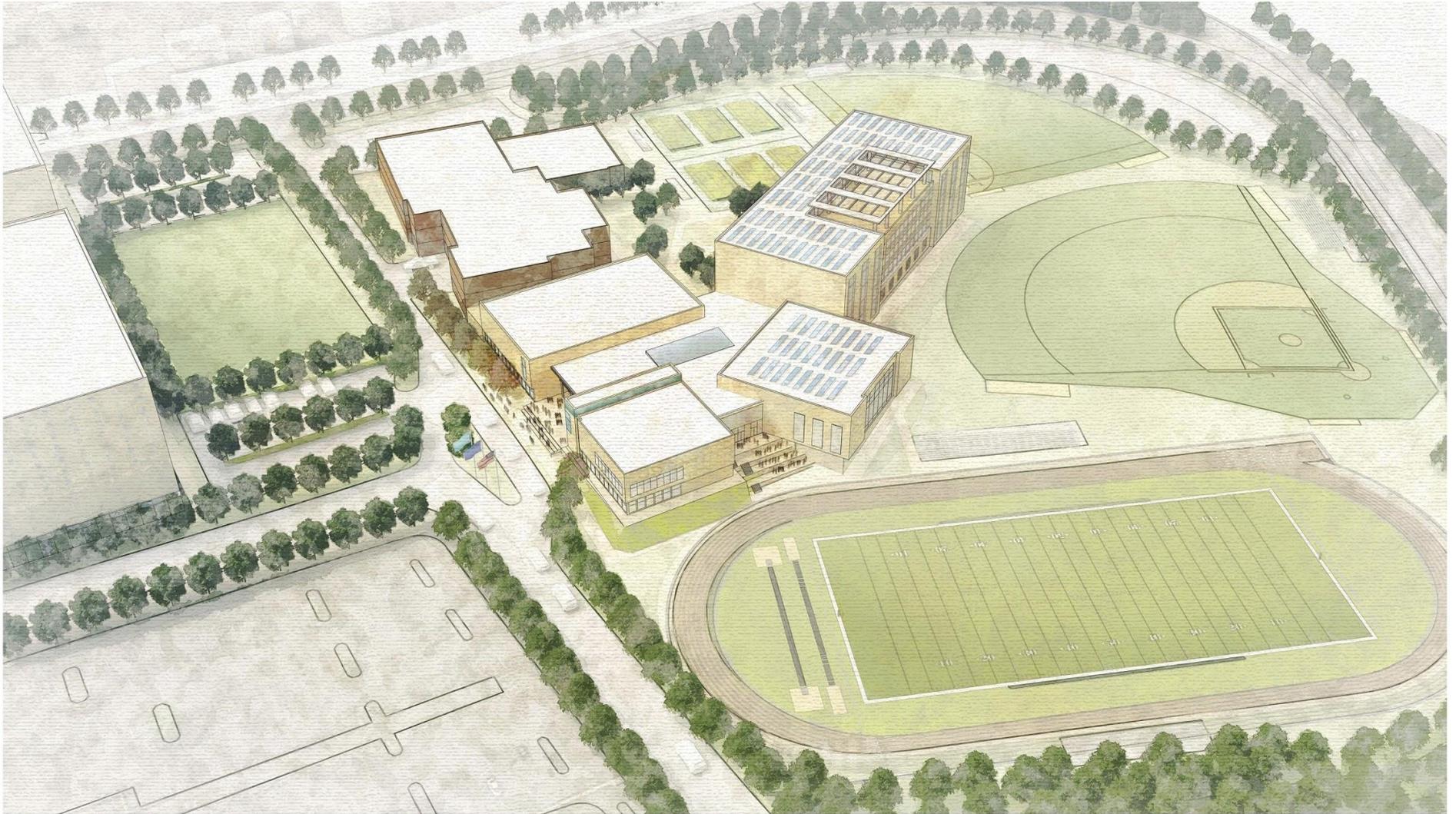
dariushwatercolors.com 2017

FCCPS: GEORGE MASON HIGH SCHOOL: FEASIBILITY STUDY

COMMUNITY SCHOOL | SITE PLAN



FCCPS: GEORGE MASON HIGH SCHOOL: FEASIBILITY STUDY
COMMUNITY SCHOOL | AERIAL PERSPECTIVE

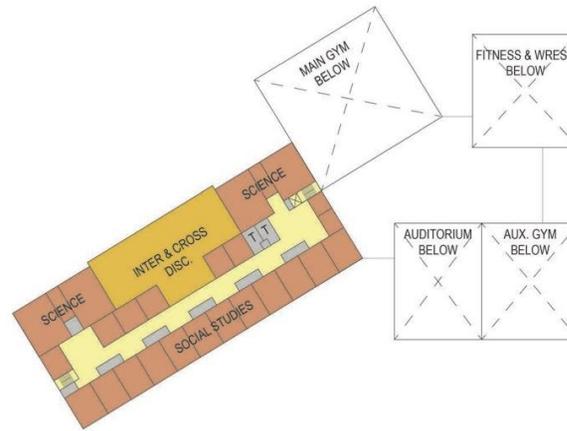


FCCPS: GEORGE MASON HIGH SCHOOL: FEASIBILITY STUDY

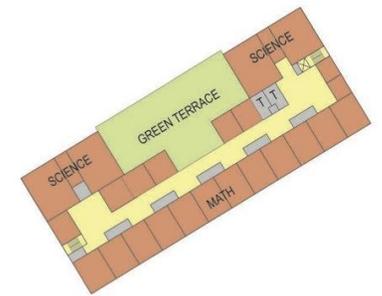
COMMUNITY SCHOOL | FLOOR PLANS



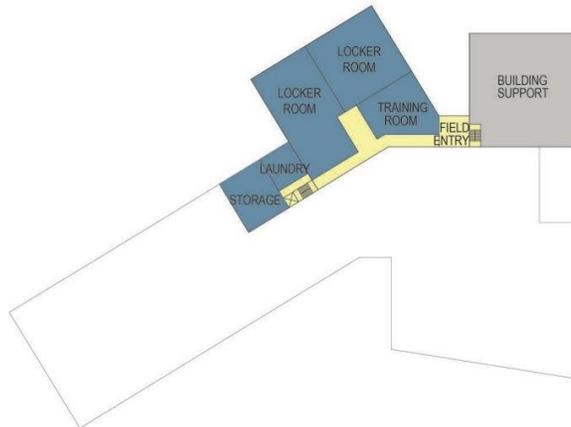
FIRST FLOOR PLAN



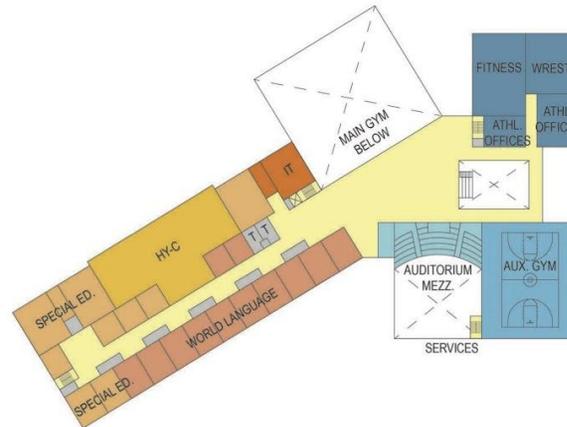
THIRD FLOOR PLAN



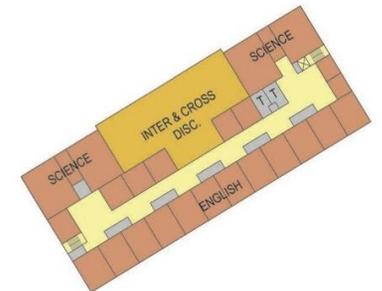
FIFTH FLOOR PLAN



LOWER FLOOR PLAN



SECOND FLOOR PLAN



FOURTH FLOOR PLAN