

MEMORANDUM

TO: Farmington Town Council:
Nancy Nickerson, Chair
Jon Landry
Amy Suffredini
John Vibert
Jeffrey Apuzzo
Peter Mastrobattista
Meredith Trimble

FROM: Mary Grace Reed, Chair, Farmington Board of Education

SUBJECT: Farmington High School Renovation Project

DATE: April 13, 2015

The Board of Education discussed a motion that outlines the "statement of need" regarding the Farmington High School renovation project. The motion presented below was approved by the Board at the April 7, 2015 Board meeting in compliance with Farmington Town Code Section 53-2.

Motion:

- 1. Whereas, the Farmington Board of Education has engaged in a comprehensive school feasibility study with TECTON that included multiple observations of existing conditions, age of equipment, facility, review of history of site, building and additions, analysis of energy efficiency and options for improvement, review of existing reports (OCR, NEASC, School Safety), focus groups with faculty, administration and students, assessment of education space needs and conceptual solutions to address needs.*
- 2. Whereas, the FHS NEASC study summary highlights a need to improve travel distances for faculty and staff, improve circuitous and crowded corridors and intersecting/converging students and faculty, create informal collaboration spaces for students, faculty and staff, address building systems for a controllable interior environment and address accessibility to interior and exterior areas.*

3. *Whereas, several spaces at FHS do not meet ADA requirements as outlined by the OCR report issued in 2013-2014, including but not limited to the auditorium, stage, music instructional spaces, some classrooms, outdated chair lift in the weight room, media center, bathrooms, portions of 2nd and 3rd floors of 1928 building, culinary space, and outdoor athletic facilities.*
4. *Whereas, the FHS Safety and Security Study highlights accessibility issues (23 separate entry points to building), sight line issues, public/private use of building, inadequate interior and exterior lighting levels, building orientation difficulty and various issues around the multiple additions.*
5. *Whereas, Farmington High School (FHS) has experienced several additions over many years, with an aging 1928 building in need of significant renovation as well as several additions with an inefficient building envelope impacting energy costs and efficiencies (insulation, façade, windows-except for 900 wing) as well as aging mechanical, electrical, plumbing, fire alarm and protection building systems not in code compliance.*
6. *Whereas, Farmington High School system energy performance is lacking with a \$393,000 cost per year and in need of a "Green Design" (new or renovated MEP systems could save an average of 35% of annual costs or 140,000 per year—could realize a 45% savings depending upon solution).*
7. *Whereas, the auditorium (poor acoustics), cafeteria, and library are undersized, impacting high school scheduling, educational programming as well as state and federal requirements on food services.*
8. *Whereas, the additions have primarily addressed enrollment increases, but have resulted in a very large, inefficient facility footprint impacting not only energy costs, but security, insufficient student classroom space, a need for students to travel outside the building to travel to classes (696 student cross intersection between classes 9 times per day and 1070 feet from one side of the building to another), significant hallway congestion, inadequate use of space (30% unused space), a lack of space for robotics, lack of space for whole school staff professional learning and collaboration as well as constraints on educational programming for students.*
9. *Whereas, with current and emerging educational requirements and demands on comprehensive high schools, FHS is in need of an efficient, functional, flexible learning*

facility that meets state and federal requirements and serves the diverse needs of all students.

10. Whereas, the current parking is inadequate and requires expansion to accommodate the school and public use of Farmington High School's building.

The Board, therefore, directs administration to begin planning a renovation of appropriate and necessary school space at Farmington High School to accommodate new MEP needs, educational programming needs, Connecticut school safety expectations, NEASC standards and OCR/ADA regulations not currently being addressed in their entirety:

- *Maximize square footage for educational programming (see #2, #8, #9)*
- *Create multiple levels to the building to address inefficient sprawl and "maze" like building to increase classroom space, space for robotics and other current and emerging learning spaces (see #2, #8, #9)*
- *Undersized auditorium (acoustic issues), stage cafeteria and media center (see #7)*
- *Address multiple ADA compliance issues (see #3)*
- *Address Mechanical, Equipment and Piping (MEP) code compliance issues (see #2, #5, #6)*
- *Address Security compliance issues (see #4)*
- *Address overcrowded Town Hall office space as well as off-site Farmington Alternative High School space needs (#8)*

It is Hereby Resolved, that the Farmington Board of Education recommends to the Farmington Town Council, as required in Section 53-2 in the Farmington Town Code and the Conn. General Statutes 10-220, that a renovation of Farmington High School as noted above and further, that the Farmington Town Council consider this statement of needs as soon as possible.

Cc: Board of Education Members