



Fayette County Public Schools

Executive Summary Fayette County Public Schools Board Meeting Agenda Item

MEETING: Regular

DATE: May 6, 2024

TOPIC: Approval of a Waiver Request of 702 KAR 4:180 Related to (1) Use of Sloped Lightweight Insulating Concrete in Roof Areas; (2) Use of Volleyball Inserts; (3) Location of Art Classroom on a North Facing Exterior Wall; (4) Size of Media Center; and (5) Location of Administrative Offices for the Construction of the New Rise STEM Academy for Girls BG# 23-547

PREPARED BY: Myron Thompson, Chief Operating Officer @ 381-4165

Recommended Action on: 5/20/2024
Consent Item

Superintendent Prior Approval: No

Recommendation/Motion: Approve the waiver request of 702 KAR 4:180 related to (1) use of sloped lightweight insulating concrete in roof areas; (2) use of volleyball inserts; (3) location of art classroom on a north facing exterior wall; (4) size of media center; and (5) location of administrative offices for the construction of the New Rise STEM Academy for Girls.

Background/Rationale: The construction of the New Rise STEM Academy for Girls, located at 2160 Versailles Road, is listed as priority 1a.1. on FCPS's 2021 District Facility Plan (DFP) of approximately 118,839 SF to serve 900 students. The Facility Programming and Construction Criteria set out in 702 KAR 4:170 requires specific standards be followed for school buildings. Below is a description of the waivers being requested that the design team believe are assets to this design and were created in close collaboration with a FCPS committee during the design of this project:

1. Waiver to permit use of sloped lightweight insulating concrete in lieu of sloping roof structure in many of the roof areas. The sloping lightweight insulating concrete becomes integral to the roof structure and meets the intent of the regulation without using rigid insulation boards to create the slope. Ease of construction, ease of reroofing, flexibility of roof drain locations, improved energy efficiency, and better life cycle cost are some of the advantages to this system.
2. Waiver with regards to the prohibition of Gymnasium Floor Inserts. The volleyball floor inserts will have covers that are to be mounted perfectly flush with the adjacent wood flooring, such that when they are not in use, they will not present a tripping hazard. FCPS has these in most school facilities.
3. Waiver with regards to the location of the Art Classroom on a north facing exterior wall. The current design locates Art with west facing glazing. However, this glazing will be insulated glazing units that integrate a fiberglass scrim inside which will provide even diffused daylighting to the space. These windows are large and located high in the space so that the intent of the north facing requirement in the standard will be not only met but exceeded.
4. Waiver with regards to the size of the Media Center. The standard for this size school calls for a 5,225 square foot space. The design includes a 4,388 square foot Media Center space and using nine (9) 840 square foot extended learning areas or Co-Lab spaces distributed throughout the school. The combined square footage exceeds the standard and these spaces provide opportunities for additional collaboration and instructional spaces for each grade level based on what the committee described as the teaching methods in this program.

5. Waiver with regards to the location of administrative offices. Several of the offices that are typically included in a centralized administrative suite are distributed into the instructional areas of the building. The intent is to better integrate administrative staff and support into each grade level, providing better access to students as well as a more distributed network of supervision that will better facilitate the use of the extended learning area Co-Lab spaces

Strategic Priority:

- ☒ Student Achievement ☐ Diversity, Equity, Inclusion & Belonging
☐ Highly Effective & Culturally Responsive Workforce
☐ Stakeholder Engagement & Outreach ☒ Organizational Health & Efficiency

Data Considerations: District Facility Plan

Policy: Board Policy 01.1 – General Powers and Duties of Board
702 KAR 4:160
702 KAR 4:170

Fiscal Impact: N/A

Attachment(s): None