



Executive Summary Facilities Committee Meeting

DATE: September 20, 2022

TOPIC: Sound Dampening Between Lincoln Hall Room #205 and Gr. 7 STEM Lab

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Recommended for:

- ☐ Action
- ☒ Discussion
- ☒ Information

Purpose/Background:

Lincoln Hall classroom #205 is the LGI space next to the Grade 7 STEM room, separated by the glass partition. At the start of the 2022-23 school year, classroom #205 was dedicated to the GATE math program. Conversation and classroom sounds are easily heard between both rooms and cause distractions on both sides. One way to dampen the sound, is to install temporary carpeting in classroom #205. The classroom flooring standard in Lincoln Hall is a striped carpet tile. In addition, placing a temporary divider near the glass partition will further reduce background noise.

Studio GC offered the following solutions:

The operable glass nanawall that separates the 2 spaces is the weakest link as far as sound transfer goes.

Concept 1: The District could install felt screens on a ceiling-hung track on one and/or both sides of the operable partition. This could help absorb some of the sound before it can pass through the glass partition. A picture of that type of screen system is attached. There are endless colors and many perforated or solid patterns. The recommendation is to install the screens on both sides of the glass operable partition.

Concept 2: If this room will be used as two distinct and separate rooms for the foreseeable future, build a drywall+metal stud+sound batt insulation wall on the LGI room side which would essentially decommission the operable partition without removing it. A wall would greatly decrease sound transmission between the two rooms (similar to other intermediate walls between classrooms). The wall could be removed in the future and the operable partition can be recommissioned if the rooms start functioning as interconnected spaces.

Concept 2B: Similar to concept 1, but instead, remove the nanawall 'temporarily' and store it somewhere in the district. Infill the wall then where the partition used to be with a new drywall and insulated wall.

Concept 3:

Adding a floating carpet tile installation in LGI room #205 on top of the existing vinyl flooring.

Adding carpet to the classroom will help soften and absorb sound.

Fiscal Impact:

See attachments.

Recommendation:

This summary is for informational purposes. The Administration requests direction from the Facilities Committee on next steps.