



**Crabtree, Rohrbaugh & Associates - Architects**  
401 East Winding Hill Road  
Mechanicsburg, PA 17055  
Maryland • Pennsylvania • Virginia • West Virginia



## MEETING AGENDA

January 12, 2023

### MIDDLETOWN AREA SCHOOL DISTRICT ELEMENTARY BUILDING PROJECTS

CRA Project No. 3224

1. Site Design Update
2. Floor Plan Updates
  - a. Angled classroom wings to improve daylight & views for classrooms at back of building.
  - b. Simplified perimeter of courtyard areas.
  - c. Single main entrance with secure vestibule. Second entrance for bus drop-off / dismissal.
  - d. Modifications to administration and guidance suite.
  - e. Corridor connections moved to improve circulation to cafeteria.
  - f. Art and music classrooms moved together by department.
3. Food Service Design Update and Discussion
  - a. Continuous serving – ideal start and stop times & number of serving lines.
    - 1100 students x 85% participation = 935 students served
    - 7 transactions per minute x 3 serving lines = 21 students served per minute
    - $935 / 21 = 45$  minutes to serve all students (with 3 serving lines)
    - 3 serving lines would allow 105 students to be served every 5 minutes.
    - 4 serving lines would allow 140 students to be served every 5 minutes.
  - b. Size of cafeteria
    - Cafeteria is currently sized to seat 320 students.
    - To serve all students in 45 minutes, cafeteria would need to seat 525 students, increasing size of cafeteria by roughly 3,000 sf (\$945,000)
    - What is ideal size for scheduling and supervision? Currently, how many classes are sent to the cafeteria and how often?
  - c. Inboard location of kitchen – not recommended by Food Service consultants
4. Special Education Space Distribution and Locations
5. District Office Location