

































































































































**SECTION IX – Detailed Description**

<b>ACADEMIC COACHES OFFICES</b>	
<b>Room Area (SF)</b>	<b>100 SF</b>
Number of Teachers	1
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space for administrators to work on tasks, hold private discussions, and plan strategically with a focus on efficiency and confidentiality.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Located within or near main office</li> <li>• Adjacent to Academic Coaches Meeting Room</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Carpet Tile</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Network Copier/ Printer</li> <li>• Interactive display</li> <li>• TV screen/ Monitor(s) – wall mounted</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Office systems desk</li> <li>• Task chair</li> <li>• Visitor chairs</li> <li>• Lockable lateral files</li> <li>• Bookshelves</li> <li>• Soft seating area</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Tall wardrobe/storage cabinet, lockable</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>ACADEMIC COACHES MEETING ROOM</b>	
<b>Room Area (SF)</b>	<b>400 SF</b>
Number of Teachers	10-12
Average Class Size	N/A
<b>Narrative Description</b>	
A versatile space for collaborative meetings, presentations, and discussions among educators, administrators, and other stakeholders. These rooms are designed to accommodate various communication technologies, foster effective information exchange, and support decision-making processes within the educational institution.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Academic Coaches offices</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Carpet Tile</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display</li> <li>• TV screen/ Monitor(s) – wall mounted</li> <li>• Virtual meeting capabilities and equipment</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Conference Table</li> <li>• Mobile seating/chairs</li> <li>• Fixed lower cabinets or credenza</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>



**SECTION IX – Detailed Description**

STUDENT SUPPORT SERVICES CONFERENCE ROOM	
<b>Room Area (SF)</b>	<b>250 SF</b>
Number of Teachers	6-8
Average Class Size	N/A
<b>Narrative Description</b>	
A versatile space for collaborative meetings, presentations, and discussions among educators, administrators, and other stakeholders. These rooms are designed to accommodate various communication technologies, foster effective information exchange, and support decision-making processes within the educational institution.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Student Support offices</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Carpet Tile</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display</li> <li>• TV screen/ Monitor(s) – wall mounted</li> <li>• Virtual meeting capabilities and equipment</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Conference Table</li> <li>• Mobile seating/chairs</li> <li>• Fixed lower cabinets or credenza</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>



**SECTION IX – Detailed Description**

<b>CONFERENCE ROOM</b>	
<b>Room Area (SF)</b>	<b>350 SF</b>
Number of Teachers	10-12
Average Class Size	N/A
<b>Narrative Description</b>	
A versatile space for collaborative meetings, presentations, and discussions among educators, administrators, and other stakeholders. This room is designed to accommodate various communication technologies, foster effective information exchange, and support decision-making processes within the educational institution.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Administrative offices</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Carpet Tile</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display</li> <li>• TV screen/ Monitor(s) – wall mounted</li> <li>• Virtual meeting capabilities and equipment</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Conference Table</li> <li>• Mobile seating/chairs</li> <li>• Fixed lower cabinets or credenza</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>



**SECTION IX – Detailed Description**

<b>OFFICE WORKROOM</b>	
<b>Room Area (SF)</b>	<b>125 SF</b>
Number of Teachers	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated room to make mail distribution and copying more organized, while the kitchenette provides a convenient space for staff to prepare meals and access essential amenities, contributing to a comfortable work environment.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to main office reception and secretarial area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• High-capacity Printer/copier</li> <li>• TV screen/ Monitor(s) – wall mounted</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple power/data outlets at walls with USB charging modules</li> <li>• Multiple power outlets at kitchenette</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink with filtered water faucet</li> <li>• Full size refrigerator with ice maker</li> <li>• Microwave</li> <li>• Coffee Maker</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Fixed upper and lower cabinets</li> <li>• Staff Mailboxes</li> <li>• Mobile Table</li> <li>• Mobile seating/ chairs</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>SECURITY OFFICE</b>	
<b>Room Area (SF)</b>	<b>100 SF</b>
Number of Teachers	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
A central space for security personnel to coordinate, monitor, and respond to safety-related matters. It provides a base for surveillance, communication equipment, and planning, allowing the security team to efficiently address and mitigate potential threats, ensuring the safety and well-being of students, staff, and the school community.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to main office reception and secretarial area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Network Copier/ Printer</li> <li>• TV screen/ Monitor(s) – wall mounted</li> <li>• Any necessary security equipment</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple power/data outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Security "Panic" button</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Fixed upper and lower cabinets for control station with security equipment</li> <li>• Task chairs</li> <li>• Mobile seating/ chairs</li> <li>• Workstations for 1-2 staff</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>NURSE OFFICE</b>	
<b>Room Area (SF)</b>	<b>150 SF</b>
Number of Teachers	1
Average Class Size	N/A
<b>Narrative Description</b>	
<p>The nurse will be located near the main office in order to provide easy and convenient access for students and administrators but also to serve students, and parents picking up their students. A reception/seating area for up to 2-3 individuals will be located near the entrance of the health office. Storage for supplies, an area for up to (3) cots with privacy curtains, one private exam room, accessible toilet(s) and a locked medicine cabinet and refrigerator will be included. Sinks and other sanitary equipment will be incorporated to meet all health code requirements.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Proximity to cots and waiting area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> <li>• Visibility into cots and waiting area</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Network Copier/ Printer</li> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• TV screen/ Monitor(s) – wall mounted</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink (if desired)</li> <li>• Refrigerator (if desired)</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Office systems desk</li> <li>• Task chair</li> <li>• Tall wardrobe/storage cabinet, lockable</li> <li>• Lateral/vertical file cabinet, lockable</li> <li>• Medication cabinets, lockable</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

WAITING AREA / COTS / MAIN ROOM	
<b>Room Area (SF)</b>	<b>500 SF</b>
Number of Teachers	1
Average Class Size	2-4
<b>Narrative Description</b>	
Offering student care and informational services to educators and parents concerning health-related matters. Delivering high-quality health care and support to unwell students and managing emergency medical situations that may arise during the school day for both staff and students.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Proximity or direct connection to administration/main office</li> <li>• (2) Toilet rooms within the Nurse suite</li> <li>• Office within the Nurse suite</li> <li>• Exam Room within the Nurse suite</li> <li>• Storage Room within the Nurse suite</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> <li>• Privacy curtains</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Interactive display/TV monitor</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink</li> <li>• Toilet room – refer to Single-User Toilet Room data sheet</li> <li>• Full size refrigerator with ice maker</li> <li>• Sinks and other sanitary equipment (i.e. eyewash if identified) will be incorporated to meet all health code requirements</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Mobile waiting room seating/chairs</li> <li>• (3) Cots with privacy curtains</li> <li>• Medical Stools</li> <li>• Lockable Medical Supply Storage Cabinets</li> <li>• Fixed upper and lower cabinets (connected with tall wardrobe for staff storage)</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>EXAM / MULTI-PURPOSE ROOM</b>	
<b>Room Area (SF)</b>	<b>120 SF</b>
Number of Teachers	1
Average Class Size	2-4
<b>Narrative Description</b>	
Offering student care and informational services to educators and parents concerning health-related matters. Delivering high-quality health care and support to unwell students and managing emergency medical situations that may arise during the school day for both staff and students.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Proximity to cots and waiting area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Resilient flooring, or similar</li> <li>Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Tile</li> <li>(or) Wall protection</li> <li>Moisture resistant drywall</li> <li>Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Solid door</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>Interactive display/TV monitor</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>Multiple electrical outlets at walls with USB charging modules</li> <li>Telephone/public address system</li> <li>WiFi access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>ADA compliant sink &amp; fixtures</li> <li>Sinks and other sanitary equipment (i.e. eyewash if identified) will be incorporated to meet all health code requirements</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>Exam Table</li> <li>Medical Stool</li> <li>Exam Room Laptop desk</li> <li>Fixed upper and lower cabinets</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>Writeable Surface, Magnetic marker/whiteboard</li> <li>Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>ART STUDIO</b>	
<b>Room Area (SF)</b>	<b>1,200 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 22-24 (25 Max.)
<b>Narrative Description</b>	
<p>The Art Studio will be a hands-on and creative space to explore art in all forms, including digital. The class aims to inspire a deep appreciation for the tactile and transformative nature of art while encouraging creative expression and craftsmanship. Art storage for supplies and projects will be provided adjacent to the classroom. The classroom will be equipped with a mobile teaching station, mobile file cabinets and furniture inclusive of student worktables and flexibly designed seating, and instructional whiteboard/interactive display, writable/tackable surfaces maximized around the room, as well as secure storage for teacher's personal/confidential items, bookshelves and student project display areas. The space is to be designed with durable, easily cleanable surfaces and materials. The art studio will also have up to three sinks.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Indirect North Light</li> <li>• Visual connection into the space from the corridor</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> <li>• Slip resistant</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• Writable Glass Privacy Panel demountable partitions</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• Desktop/Laptop device at mobile teaching station</li> <li>• Charging carts, or current technology, for student devices</li> <li>• Document camera</li> <li>• Art grade color printer(s)</li> <li>• Computers &amp; scanners that support digital design</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Access to charging/outlets from student desks, or nearby – without having to relocate to specific zones in the room</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• (3) Deep sinks</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> <li>• Industrial HEPA filter</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>



**SECTION IX – Detailed Description**

<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Mobile computer workstations</li> <li>• Mobile tables</li> <li>• Mobile seating/chairs</li> <li>• Mobile display and bookshelves</li> <li>• Mobile storage cabinets for learning materials, project supplies, lockable</li> <li>• Fixed upper and lower cabinets (connected with tall wardrobe for teacher storage)</li> <li>• Secured storage for materials</li> <li>• Charging capabilities built into furniture where possible</li> <li>• Adjustable Industrial Metal Shelving</li> <li>• Flat file cabinets</li> <li>• Drying Racks</li> <li>• Portfolio storage solutions</li> <li>• Bookcases for materials storage</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Mobile teacher station, mobile workstation cart</li> <li>• Tall wardrobe/storage cabinet, lockable</li> <li>• Lateral/vertical file cabinet, lockable</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>

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**SECTION IX – Detailed Description**

<b>KILN ROOM &amp; ART STORAGE</b>	
<b>Room Area (SF)</b>	<b>80 SF &amp; 125 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
An organized space with various storing abilities for holding art supplies and equipment ensuring easy access for students and teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to art room</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Tile</li> <li>• (or) Sealed concrete</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Moisture resistant drywall</li> <li>• Paint</li> <li>• Visual connection to Art spaces</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> <li>• Ventilation and filtration as required in Kiln Room</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Adjustable metal shelving</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



**SECTION IX – Detailed Description**

<b>GENERAL MUSIC / CHORAL CLASSROOM</b>	
<b>Room Area (SF)</b>	<b>1,000 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 20-22 (25 Max.)
<b>Narrative Description</b>	
<p>The General Music / Choral classroom will be designed to accommodate the acoustical needs of choral practice while acoustically separated from the adjacent program space. Music playback, built-in speakers and other equipment will be incorporated into the design. Charging stations and storage will also be incorporated for equipment such as iPads, keyboards, etc. A large format touchscreen and sound system will also be incorporated. The provision for risers within the space, fixed or flexible, shall be provided. The space will also contain a sink to allow for proper maintenance of musical instruments.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to performance space</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring (i.e. rubber)</li> <li>• (or) Resilient flooring, or similar</li> <li>• (or) High-performance soft surface (textile) flooring</li> <li>• Durable, low maintenance</li> <li>• Area rug (if desired)</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> <li>• Acoustical wall treatments</li> <li>• Soundproofing</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Pyramidal ceiling clouds for acoustical variation</li> <li>• 12'-14' tall</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• Countertop printer</li> <li>• Document camera</li> <li>• Mixing/recording equipment</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Stereo and Speaker System</li> <li>• Recording equipment built into classroom for assessment purposes</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• (1) deep sink for instrument cleaning</li> <li>• Water fountain with bottle filler</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION IX – Detailed Description**

<p>Classroom Storage, Casework &amp; Furniture</p>	<ul style="list-style-type: none"> <li>• Fixed upper and lower cabinets (connected with tall wardrobe for teacher storage)</li> <li>• Flexible desks with fold-down writing surfaces</li> <li>• Performer Chairs</li> <li>• Music Stands</li> <li>• Large Move and Store Music Stand Carts</li> <li>• Chair Move &amp; Store Carts</li> <li>• Portable Risers, 3 ft deep able to be relocated to the stage</li> <li>• Vertical files for music storage</li> <li>• Upright piano</li> <li>• Electronic keyboard on stand</li> </ul>
<p>Teacher Storage, Casework &amp; Furniture</p>	<ul style="list-style-type: none"> <li>• Mobile teacher station, mobile workstation cart</li> <li>• Tall wardrobe/storage cabinet, lockable</li> <li>• Lateral/vertical file cabinet, lockable</li> </ul>
<p>Display</p>	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard with music staves</li> <li>• Mobile Whiteboards</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>

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**SECTION IX – Detailed Description**

<b>GENERAL MUSIC / CHORAL STORAGE</b>	
<b>Room Area (SF)</b>	<b>200 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
Music storage will be intentionally designed into this space. An organized space with various storing abilities for holding performing arts music, instruments and equipment ensuring easy access for students and teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to music classrooms</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient floor</li> <li>• (or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical Tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Proper humidity control system</li> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> <li>• Wall Units to hold sheet music</li> <li>• Instrument Storage Lockers</li> <li>• Percussion Storage</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



**SECTION IX – Detailed Description**

<b>BAND / INSTRUMENTAL MUSIC CLASSROOM</b>	
<b>Room Area (SF)</b>	<b>1,400 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 60-90 (90 Max.)
<b>Narrative Description</b>	
<p>The Band / Instrumental Music classroom will be designed to accommodate the acoustical needs of instruments and practice while acoustically separated from the adjacent program space. Instrument storage will be intentionally designed into this space and/or immediately adjacent to the room. Music playback, built-in speakers and other equipment will be incorporated into the design. Charging stations and storage will also be incorporated for equipment such as iPads, keyboards, etc. A large format touchscreen and sound system will also be incorporated. The space will also contain a sink to allow for proper maintenance of musical instruments.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to performance space</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring (i.e. rubber)</li> <li>• (or) Resilient flooring, or similar</li> <li>• (or) High-performance soft surface (textile) flooring</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> <li>• Acoustical wall treatments</li> <li>• Soundproofing</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Pyramidal ceiling clouds for acoustical variation</li> <li>• 12'-14' tall</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• Countertop printer</li> <li>• Document camera</li> <li>• Mixing/recording equipment</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Stereo and Speaker System</li> <li>• Recording equipment built into classroom for assessment purposes</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• (1) deep sink for instrument cleaning</li> <li>• Water fountain with bottle filler</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION IX – Detailed Description**

<p>Classroom Storage, Casework &amp; Furniture</p>	<ul style="list-style-type: none"> <li>• Fixed upper and lower cabinets (connected with tall wardrobe for teacher storage)</li> <li>• Performer Chairs</li> <li>• Music Stands</li> <li>• Large Move and Store Music Stand Carts</li> <li>• Chair Move &amp; Store Carts</li> <li>• Portable Risers, 3 ft deep able to be relocated to the stage</li> <li>• Vertical files for music storage</li> <li>• Upright piano</li> <li>• Electronic keyboard on stand</li> </ul>
<p>Teacher Storage, Casework &amp; Furniture</p>	<ul style="list-style-type: none"> <li>• Mobile teacher station, mobile workstation cart</li> <li>• Tall wardrobe/storage cabinet, lockable</li> <li>• Lateral/vertical file cabinet, lockable</li> </ul>
<p>Display</p>	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard with music staves</li> <li>• Mobile Whiteboards</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>

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**SECTION IX – Detailed Description**

<b>BAND / INSTRUMENTAL MUSIC STORAGE</b>	
<b>Room Area (SF)</b>	<b>200 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
An organized space with various storing abilities for holding performing arts music, instruments and equipment ensuring easy access for students and teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to music classrooms</li> <li>• Ideally open to the music room, or a highly visible alcove</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient floor</li> <li>• (or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical Tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Proper humidity control system</li> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> <li>• Wall Units to hold sheet music</li> <li>• Instrument Storage Lockers (Wanger with no doors on the cages, or similar)</li> <li>• Marching Band cabinets for percussion equipment</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>











**SECTION IX – Detailed Description**

<b>MEDIA SPECIALIST STORAGE / WORK ROOM</b>	
<b>Room Area (SF)</b>	<b>200 SF</b>
Number of Teachers	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space for book sorting, project preparation or teacher collaboration. Also serves as a break area for the Media Specialist as well as any staff members.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Directly connected to Media Center</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Drywall/ Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Large windows into Media Center</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Network Copier/ Printer</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink</li> <li>• Microwave</li> <li>• Coffee Maker</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Fixed upper and lower cabinets.</li> <li>• Mobile Worktable</li> <li>• Mobile Chairs</li> <li>• Bookcases, 6 shelves high</li> <li>• Rolling book carts</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Tall wardrobe/storage cabinet, lockable</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

READING ROOM / STACK / MEETING AREA	
<b>Room Area (SF)</b>	<b>1,764 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 2-CRs (50 Max.)
<b>Narrative Description</b>	
The school's media center is a dynamic hub with modern technology, providing students a space for research, collaboration, and multimedia exploration. With diverse books, digital resources, and interactive tools, it fosters academic growth and digital literacy. The open, flexible space adapts to changing activities, supporting student collaboration and individual study preferences.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Centrally located at the heart of the school</li> <li>Allow open visual to circulation, lobby and/ or breakout areas.</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Carpet Tile</li> <li>(or) Resilient flooring, or similar</li> <li>(or) High-performance soft surface (textile) flooring</li> <li>Durable, low maintenance</li> <li>Multiple flooring types, space dependent</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Paint</li> <li>Wall Protection (as needed)</li> <li>Writable Glass Privacy Panel demountable partitions</li> <li>(See Furnishings for Display areas)</li> <li>Acoustical Wall Panels</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Acoustical tile</li> <li>Or combo with an open Ceiling painted with acoustical deck and suspended acoustical panels/ clouds or specialty ceiling</li> </ul>
Windows	<ul style="list-style-type: none"> <li>Combination of operable or inoperable windows, to be determined by the district during design</li> <li>Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Door with vision panel</li> <li>Acoustically rated operable partition, motorized.</li> <li>(or) Vertical partition / garage door opening to a breakout space, corridor, or exterior space</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures, dimmable</li> <li>Daylight sensors</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>Self-check-out technology compatible</li> <li>Computer(s)</li> <li>Printer(s)</li> <li>Document camera(s)</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>Multiple electrical outlets at walls with USB charging modules</li> <li>Power/data/video connection at ceiling</li> <li>Telephone/public address system</li> <li>WiFi access</li> <li>Data/power near teaching wall for mobile teacher station</li> <li>Voice amplification/sound field system</li> <li>Access to charging/outlets from student desks, or nearby – without having to relocate to specific zones in the room</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	

**EDUCATIONAL SPECIFICATIONS**

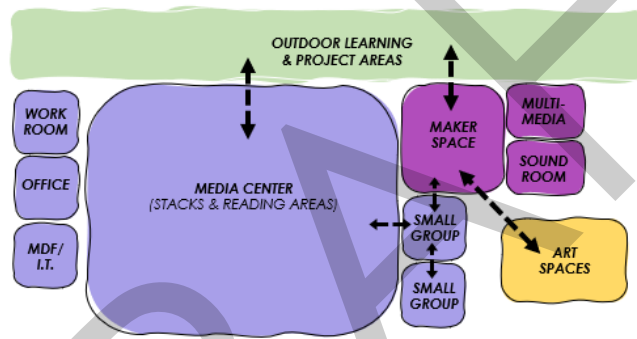
**Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School**



**SECTION IX – Detailed Description**

Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Circulation center located as a control point at entry.</li> <li>• Flexible book shelving that can easily be configured for book collections.</li> <li>• Lounge style seating</li> <li>• Mobile tables &amp; chairs</li> <li>• Charging capabilities built into furniture where possible</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Mobile teacher station, mobile workstation cart</li> </ul>

*For illustration purposes only – intended to convey possible design opportunities and spatial relationships. Not intended to be final design solutions.*



**MEDIA CENTER DIAGRAM**  
 DYNAMIC HUB WITH LABS, GROUP ROOMS,  
 AND OUTDOOR CONNECTIONS



**SECTION IX – Detailed Description**

MULTI-MEDIA PRODUCTION ROOM & PRODUCTION/SOUND CONTROL ROOM	
<b>Room Area (SF)</b>	<b>650 SF &amp; 125 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 10-15 (20 Max.)
<b>Narrative Description</b>	
<p>A multi-media production room is planned to support students in creating and communicating ideas through digital storytelling, audio, and video production. The space fosters creativity, collaboration, and media literacy while building foundational skills in technology, communication, and responsible digital citizenship. Other devices/equipment to include: lockable storage, mobile cameras supported by technology infrastructure that allows for live recording anywhere in the building.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Within Media Center</li> <li>• Direct connection between production room and sound control room</li> <li>• In proximity of general classrooms, technology, and the arts</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Carpet Tile</li> <li>• (or) Resilient flooring, or similar</li> <li>• (or) High-performance soft surface (textile) flooring</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• Writable Glass Privacy Panel demountable partitions (See Furnishings for Display areas)</li> <li>• Acoustical Wall Panels</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door(s) with vision panel</li> <li>• And/or Writable Glass Privacy Panel demountable partitions</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• High-performance desktop or laptop computer stations</li> <li>• Tablets for lightweight devices for mobile recording and editing</li> <li>• HD/4K digital video cameras (durable, student-friendly)</li> <li>• Tripods with height adjustable features</li> <li>• Printer(s)</li> <li>• Video/Podcast recording equipment</li> <li>• Greenscreen</li> <li>• Document camera</li> <li>• Sound system/speaker system with playback capabilities</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Dedicated power/charging area for student devices</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink(s)</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION IX – Detailed Description**

Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>Fixed counters with shelving below around the perimeter of the room (if desired)</li> <li>Alternate areas of upper cabinets and open shelving</li> <li>Modular, mobile tables to support individual and collaborative work.</li> <li>Mobile seating/chairs</li> <li>Mobile display and bookshelves</li> <li>Mobile storage cabinets for learning materials, equipment, supplies, lockable</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>Writeable Surface, Magnetic marker/whiteboard</li> <li>Bulletin board</li> <li>Mobile teacher station, mobile workstation cart</li> </ul>

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**SECTION IX – Detailed Description**

<b>MAKER / FABRICATION CENTER (Build &amp; Design)</b>	
<b>Room Area (SF)</b>	<b>850 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 20-22 (25 Max.)
<b>Narrative Description</b>	
<p>A Maker / Fabrication center is planned to support hands-on, inquiry-based learning where students design, build, and test ideas using a range of tools, materials, and technologies. The space fosters creativity, problem-solving, and collaboration while reinforcing connections to STEM, art, and real-world applications through iterative, project-based experiences. Other devices/equipment to include: lockable storage, mobile cameras supported by technology infrastructure that allows for live recording anywhere in the building.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Within Media Center</li> <li>• In proximity of general classrooms, technology, and the arts</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Epoxy</li> <li>• (or) Sealed concrete</li> <li>• (or) Resilient flooring</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• Writable Glass Privacy Panel demountable partitions</li> <li>• (See Furnishings for Display areas)</li> <li>• Acoustical Wall Panels</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> <li>• Or combo with an open Ceiling painted with acoustical deck and suspended acoustical panels/ clouds or specialty ceiling</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door(s) with vision panel</li> <li>• And/or Writable Glass Privacy Panel demountable partitions</li> <li>• Acoustically rated operable partition, motorized</li> <li>• (or) Vertical partition / garage door opening to a breakout space, corridor, or exterior space</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Ceiling mounted projector</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• 3-D Printers, printer(s), laser cutter(s) and associated storage</li> <li>• Robotics equipment, parts, arena</li> <li>• Document camera</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Dedicated power/charging area for student devices</li> <li>• Multiple Track-mounted power/data electrical dropdowns at ceiling</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink(s)</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Ventilation as required for 3D printers and laser cutters</li> <li>• Refer to Building Systems section for additional requirements</li> </ul>



**SECTION IX – Detailed Description**

Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>Fixed counters with shelving below around the perimeter of the room</li> <li>Alternate areas of upper cabinets and open shelving</li> <li>Modular, mobile tables to support individual and collaborative work.</li> <li>Mobile seating/chairs</li> <li>Mobile display and bookshelves</li> <li>Mobile storage cabinets for learning materials, project supplies, lockable</li> <li>Pegboards or slat wall for storing hand tools</li> <li>Bins on racks for spare parts</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>Writeable Surface, Magnetic marker/whiteboard</li> <li>Bulletin board</li> <li>Mobile teacher station, mobile workstation cart</li> </ul>

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**SECTION IX – Detailed Description**

<b>BREAK OUT WORK AREAS / SMALL GROUP ROOMS</b>	
<b>Room Area (SF)</b>	<b>150 SF</b>
Number of Teachers	1
Average Class Size	Typical 2-4 (6 Max.)
<b>Narrative Description</b>	
Small group/breakout rooms are located in proximity to the learning commons and makerspace shall be equipped with flexible, modular seating along with worktables and chairs, writable surfaces, whiteboard/tackboard surfaces, areas for display, and touchscreen technology will be designed into these instructional areas.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Within Media Center</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring</li> <li>• (or) High-performance soft surface (textile) flooring</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• Writable Glass Privacy Panel demountable partitions</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors (if applicable)</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• Document camera</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Comfortable, mobile, and modular furniture for informal group work</li> <li>• Mobile tables</li> <li>• Specialty seating such as: club chairs, bean bag chairs</li> <li>• Fixed upper and lower cabinets with work surface, lockable</li> <li>• Charging capabilities built into furniture where possible</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Projection Surface or screen</li> </ul>



**SECTION IX – Detailed Description**

<b>MDF / IT INFRASTRUCTURE ROOM</b>	
<b>Room Area (SF)</b>	<b>200 SF</b>
Number of Teachers	1
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space for network equipment like switches and routers, ensuring effective distribution of data and communication services across the school.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Distributed throughout building</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Anti-static flooring</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Server Racks</li> <li>• Routers</li> <li>• Cabling infrastructure</li> <li>• Modems</li> <li>• Patch panels and wire management</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Twist lock receptacles for IT rack power</li> <li>• Telephone demarc</li> <li>• Public address system head end</li> <li>• Security system head end</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Dedicated redundant split units for cooling</li> <li>• Pre-action fire suppression for MDF</li> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Ladder rack/ cable tray</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



SECTION IX – Detailed Description

GYMNASIUM (2 Teaching Spaces)	
<b>Room Area (SF)</b>	<b>6,000 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 2-CRs (50 Max.)
<b>Narrative Description</b>	
<p>The <b>main gymnasium</b> is designed to accommodate a standard middle school sized basketball court with spectator space around the perimeter. Bleachers will be provided. <b>Changing room</b> facilities, including toilets are located nearby. Bench seating will be provided. In addition to the main court goals, the gym will be equipped with retractable and height adjustable side court basketball goals and backboards along with ceiling mounted interactive display projectors for integration into the health and wellness curriculum. The gym will be used for large game activities such as basketball, volleyball and other exercise/wellness programs. An automatic, sound attenuating divider partition wall, at mid-court, will accommodate multiple classes scheduled at the same time. A <b>storage room</b> for equipment will be provided. A designated <b>P.E. office</b> will be located nearby. Toilet facilities will be located in close proximity to the gym. Areas of secure storage are also included.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Proximity to main entry</li> <li>• Proximity to athletic fields</li> <li>• Able to be sectioned off from the rest of the school for public use</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Hardwood Athletic Sports Flooring with essential markings</li> <li>• (or) Resilient Athletic Sports Floor</li> <li>• Stanchions for Volleyball and other Sports</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Pads</li> <li>• Acoustic Wall Panels</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open ceiling painted with acoustical deck and suspended acoustical panels/ clouds (if desired)</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Windows</li> <li>• (or) Skylights</li> <li>• Room darkening Shades, Electronic</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door with vision panel</li> <li>• Second means of egress</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• (2) Interactive projectors, automatic overhead projection screen</li> <li>• Electronic Scoreboards</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• (2) AED with audible alarm box and (1) outside in lobby/ hall</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Access to power and data in the floor</li> <li>• Stereo and Speaker System</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Drinking fountains with bottle fillers</li> <li>• Ice machine</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION IX – Detailed Description**

<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"><li>• Removable protective matting</li><li>• Rolling, telescoping bleachers</li><li>• Acoustic folding partition, motorized</li><li>• (or) Roll-up vinyl mesh divider or mechanically operated divider curtains</li><li>• Provisions for floor stanchions for volleyball and other sports</li><li>• Climbing wall</li><li>• Ropes course</li><li>• Nets for volleyball, etc.</li><li>• Retractable basketball hoops</li></ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"><li>• N/A</li></ul>
Display	<ul style="list-style-type: none"><li>• Mobile teacher station, mobile workstation cart</li></ul>

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**SECTION IX – Detailed Description**

GYMNASIUM STORAGE	
<b>Room Area (SF)</b>	<b>250 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
An organized space with various storing abilities for holding educational materials, supplies and equipment ensuring easy access for teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Gym</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient floor</li> <li>• (or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical Tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door, exterior access optional</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> <li>• Secure storage cabinets</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



**SECTION IX – Detailed Description**

TOILET ROOM	
<b>Room Area (SF)</b>	<b>200 SF</b>
Number of Teachers	N/A
Average Class Size	Varies
Narrative Description	
A convenient and secure space for students to change into appropriate attire for physical activities and promote a sense of organization and readiness for the school day.	
Environmental Characteristics	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Gym</li> <li>• Accessed from the corridor</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Tile</li> <li>• Perimeter joint PVC profile; Schluter DILEX-BWA or similar</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• CMU</li> <li>• (or) Moisture resistant drywall</li> <li>• (or) Tile/Paint</li> <li>• Perimeter joint PVC profile at Doors/Windows; Schluter DILEX-BWA or similar</li> <li>• All outside edges to receive Metal Trim profile; Schluter QUADDEC or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile with concealed splines and tamperproof</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• (or) No door, "airport style" layout</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
Specialty Systems	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant fixtures</li> <li>• Fixture count determined by plumbing codes</li> <li>• Floor drains</li> <li>• Drinking fountains with bottle filler</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> <li>• Exhaust as determined by mechanical code</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
Furnishings	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Shelving</li> <li>• Benches</li> <li>• Cubbies or lockers</li> <li>• Vandal-resistant toilet partitions of durable, high-density material with anti-bullying design</li> <li>• Toilet accessories including mirror</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



**SECTION IX – Detailed Description**

MULTI-PURPOSE / AUXILIARY GYMNASIUM (1 Teaching Space)	
<b>Room Area (SF)</b>	<b>1,750 SF</b>
Number of Teachers	1-2
Average Class Size	Typical 20-22 (25 Max.)
<b>Narrative Description</b>	
<p>The <b>multi-purpose / auxiliary gymnasium</b> is designed to support a variety of gross motor functions, movement activities, student health and wellness initiatives as well as indoor recess. It serves as a flexible space for physical education but may also be used for performances, larger team/faculty meetings, school events such as book fairs, or a visiting lecture.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Proximity to main entry</li> <li>• Proximity to main gym</li> <li>• Proximity or incorporation of small presentation/stage area</li> <li>• Able to be sectioned off from the rest of the school for public use</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Hardwood Athletic Sports Flooring with essential markings</li> <li>• (or) Resilient Athletic Sports Floor</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Pads</li> <li>• Acoustic Wall Panels</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open ceiling painted with acoustical deck and suspended acoustical panels/ clouds (if desired)</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Windows</li> <li>• (or) Skylights</li> <li>• Room darkening Shades, Electronic</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door with vision panel</li> <li>• Second means of egress</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• (2) Interactive projectors, automatic overhead projection screen</li> <li>• Electronic Scoreboards</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> <li>• (2) AED with audible alarm box and (1) outside in lobby/ hall</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power near teaching wall for mobile teacher station</li> <li>• Voice amplification/sound field system</li> <li>• Access to power and data in the floor</li> <li>• Stereo and Speaker System</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Drinking fountains with bottle fillers</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Rolling, telescoping bleachers</li> </ul>

EDUCATIONAL SPECIFICATIONS

Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School



SECTION IX – Detailed Description

Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"><li>• N/A</li></ul>
Display	<ul style="list-style-type: none"><li>• Mobile teacher station, mobile workstation cart</li></ul>

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**SECTION IX – Detailed Description**

MULTI-PURPOSE / AUXILIARY GYMNASIUM STORAGE	
<b>Room Area (SF)</b>	<b>250 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
An organized space with various storing abilities for holding educational materials, supplies and equipment ensuring easy access for teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Gym</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient floor</li> <li>• (or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical Tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door, exterior access optional</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> <li>• Secure storage cabinets</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



**SECTION IX – Detailed Description**

GYM OFFICE	
<b>Room Area (SF)</b>	<b>125 SF</b>
Number of Teachers	1
Average Class Size	N/A
Narrative Description	
A dedicated space for focused tasks, holding private discussions, and strategic planning with a focus on efficiency and confidentiality.	
Environmental Characteristics	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Gym</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Carpet Tile</li> <li>• (or) Resilient Floor, or similar</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical Tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
Specialty Systems	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Network Copier/ Printer</li> <li>• TV monitor – wall mounted</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
Furnishings	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Office systems desk</li> <li>• Task chair</li> <li>• Visitor chairs</li> <li>• Lockable lateral files</li> <li>• Bookshelves</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Tall wardrobe/storage cabinet, lockable</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



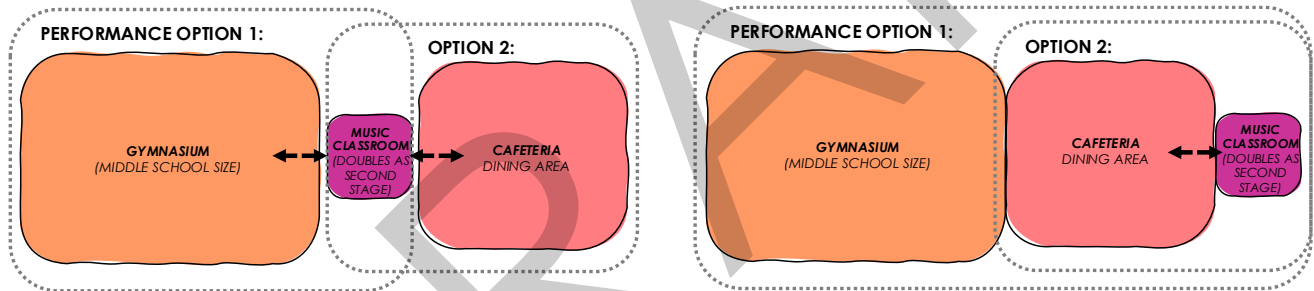
SECTION IX – Detailed Description

CAFETERIA (Lower / Upper School Dining Areas)	
<b>Room Area (SF)</b>	<b>2,940 SF</b>
Number of Teachers	1-2
Average Class Size	504 Students in (3) Lunch Waves (464 without Pre-K)
<b>Narrative Description</b>	
<p>The cafeteria is anticipated to accommodate a student school capacity of up to 504 students (464 without Pre-K) served lunch in 3 lunch waves. The cafeteria will accommodate other uses throughout the day including professional development meetings, study hall, and at times evening community events or events for parks &amp; recreation, etc. An automatic, sound attenuating, durable and folding partition will also be included for division of the cafeteria. Music playback, built-in speakers, interactive display and other equipment will be incorporated into the design. Charging stations and storage will also be incorporated for equipment such as iPads, laptops, etc. A large format touchscreen/projector and sound system will also be incorporated. Toilet facilities for students will be directly adjacent to the cafeteria. The cafeteria will open onto a courtyard or plaza for outdoor dining. A <b>chair and table storage</b> room will be provided.</p>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Proximity to main entry</li> <li>• Proximity to student toilets</li> <li>• Able to be sectioned off from the rest of the school for public use</li> <li>• Connection to outdoor dining area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> <li>• (or) Open ceiling painted with acoustical deck and suspended acoustical panels/ clouds/ specialty ceiling</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening Shades, electronic</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door with vision panel</li> <li>• Acoustically rated operable partition, motorized.</li> <li>• (or) Vertical partition / garage door opening to a breakout space, corridor, or exterior space</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Front projection system with motorized screen</li> <li>• Interactive display/TV monitor (mobile/height adjustable if desired)</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Power/data/video connection at ceiling</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> <li>• Data/power for mobile teacher station</li> <li>• Voice amplification/sound field system</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Drinking fountains with bottle fillers</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>

**SECTION IX – Detailed Description**

Furnishings	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Mobile cafeteria Folding Tables</li> <li>• Mobile Seating</li> <li>• Booth Seating</li> <li>• High Top Tables</li> <li>• Large Trash Receptacles</li> <li>• Recycling Receptacles</li> <li>• Composting Receptacles</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> <li>• Mobile teacher station, mobile workstation cart</li> </ul>

*For illustration purposes only – intended to convey possible design opportunities and spatial relationships. Not intended to be final design solutions.*



**SCALABILITY AND FLEXIBILITY OF SPACE**  
 OPPORTUNITIES TO BUILD IN MULTI-FUNCTIONAL SPACE FOR ALL-SCHOOL ASSEMBLY AREAS OR PERFORMANCES



**SECTION IX – Detailed Description**

KITCHEN / SERVERY	
<b>Room Area (SF)</b>	<b>1,650 SF</b>
Number of Staff	3-5
Average Class Size	N/A
Narrative Description	
<p>The <b>kitchen and servery</b> can accommodate two (2) serving lines with two (2) cashier stations and any automated payment system(s). Cashier stations ideally located outside the servery area. The work areas will support four (4) kitchen staff.</p> <p>The <b>kitchen</b> will include the following:</p> <ul style="list-style-type: none"> <li>• Preparation Area ~ (square feet included in above)</li> <li>• Serving Area (square feet included in above)</li> <li>• Dry Storage ~ <b>200</b> square feet</li> <li>• Walk-in Cooler ~ <b>175</b> square feet</li> <li>• Walk-in Freezer ~ <b>200</b> square feet</li> <li>• Staff Locker Room ~ <b>80</b> square feet</li> <li>• Kitchen Manager Office ~ <b>100</b> square feet</li> <li>• Custodial Closet ~ <b>50</b> square feet</li> <li>• Staff Toilet Room ~ <b>60</b> square feet</li> <li>• <i>Ware Washing as required</i></li> </ul> <p><b>Equipment List</b></p> <ul style="list-style-type: none"> <li>• Double sink preparation tables each with one (1) standard faucet and one (1) pre-rinse faucet</li> <li>• Commercial dishwasher</li> <li>• Washer and dryer</li> <li>• Two (2) Reach-in refrigerators</li> <li>• Slicing machine</li> <li>• Four (4) Warmers</li> <li>• Food processor</li> <li>• Microwave oven to be located in the Cafeteria</li> <li>• Two (2) Double Deck Convection Ovens</li> <li>• One (1) Combi-Oven</li> <li>• One (1) Convection Steamer</li> <li>• One Pasta Kettle – 30 gallons</li> <li>• One (1) 6- Burner Range</li> <li>• Three (3) compartment sink assembly with drain boards for pot and pan washing; each compartment shall measure 21" x 27" x 12" deep; a pre-rinse spray assembly required at one (1) sink compartment</li> <li>• Hot &amp; Cold Food Stations</li> <li>• Deli Stations</li> <li>• Express Stations for self-serve foods and dry display snacks</li> <li>• Refrigerated merchandisers for bottled beverages</li> <li>• Vending machines for dry snacks located in the Cafeteria</li> </ul>	



**SECTION IX – Detailed Description**

- Vending machines for refrigerated beverages located in the Cafeteria
- Freezer for ice cream
- Cashier stations strategically located at the exit from the Servery
- Mobile condiment stations to be located at the exit of the Servery
- Mobile stations for napkins, trash, compost, recycling to be located in the Cafeteria
- Roll-up gates at kitchen and servery
- Two (2) 9-yard dumpsters and bins as required to support composting and recycling

**Utility Requirements**

- Utility Distribution System with quick disconnect devices for all services
- Walk-in refrigerators and freezers will require back-up generator power; audio/visual temperature alarm; refrigeration control alarm; temperature alarms to be wired to “Building Monitoring System
- Water conservation methods
- Water softener treatment/system to mitigate potential hard water issues
- Provide High Efficiency Energy Star Label Equipment & lighting
- Exhaust hoods: Demand Control Ventilation Package
- Temperature maintenance, water filtration and sanitation to promote food safety
- Exterior in-line grease trap to conform to FOG Program

An area for receiving/deliveries via box truck and tractor trailer is planned in proximity to the kitchen and storage areas.

**SUPPORT PANTRY / SERVING AREA – 125 SF**

**Environmental Characteristics**

Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Cafeteria</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Epoxy (or) washable non-skid flooring</li> <li>• (or) Quarry Tile with high-performance mortar suitable for high-moisture environments</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Wall Protection such as FRP or similar</li> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door</li> <li>• Roll up gates</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>

**Specialty Systems**

Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Network drop for cashier stations</li> <li>• Interactive displays (or) monitors with power/data</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>



**SECTION IX – Detailed Description**

<b>Furnishings</b>	
Special Needs/ Equipment	<ul style="list-style-type: none"> <li>• Commercial Serving stations</li> <li>• Cashier stations</li> </ul>
<b>PREPARATION AREA</b>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Serving Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Epoxy (or) washable non-skid flooring</li> <li>• (or) Quarry Tile with high-performance mortar suitable for high-moisture environments</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Wall Protection such as FRP or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> <li>• Variable light level switching</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Multiple electrical outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs/ Equipment	<ul style="list-style-type: none"> <li>• Commercial kitchen equipment (refer to narrative for full list)</li> <li>• Fire extinguisher and suppression</li> <li>• Exhaust hoods</li> <li>• Sinks at all stations.</li> <li>• Floor drains</li> <li>• Eye wash and body shower with floor drain</li> </ul>
<b>DRY STORAGE – 200 SF</b>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Preparation Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Epoxy (or) washable non-skid flooring</li> <li>• (or) Quarry Tile with high-performance mortar suitable for high-moisture environments</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Wall Protection such as FRP or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>



**SECTION IX – Detailed Description**

Plumbing & Appliances	<ul style="list-style-type: none"> <li>N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs/ Equipment	<ul style="list-style-type: none"> <li>Shelving</li> </ul>
<b>WALK-IN COOLER – 175 SF &amp; FREEZER – 200 SF</b>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Adjacent to Preparation Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Epoxy (or) washable non-skid flooring</li> <li>(or) Quarry Tile with high-performance mortar suitable for high-moisture environments</li> </ul>
Walls	<ul style="list-style-type: none"> <li>As Specified within Cooler/Freezer equipment</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>As Specified within Cooler/Freezer equipment</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>As Specified within Cooler/Freezer equipment</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs/ Equipment	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>LOCKER ROOM – 80 SF</b>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Adjacent to Preparation Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Epoxy (or) washable non-skid flooring</li> <li>(or) Quarry Tile with high-performance mortar suitable for high-moisture environments</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Wall Protection such as FRP or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> </ul>



**SECTION IX – Detailed Description**

Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs/ Equipment	<ul style="list-style-type: none"> <li>Tall wardrobe, lockable, or cubbies/lockers for personal belongings</li> </ul>
<b>CHAIR / TABLE STORAGE – 125 SF</b>	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Adjacent to Cafeteria</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Match to adjacent/ related space</li> <li>(or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Open ceiling painted</li> <li>(or) Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Double door</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs/ Equipment	<ul style="list-style-type: none"> <li>N/A</li> </ul>



**SECTION IX – Detailed Description**

TEACHER DINING / SMALL BREAK OUT DINING AREA	
<b>Room Area (SF)</b>	<b>500 SF</b>
Number of Teachers	10-15
Average Class Size	N/A
<b>Narrative Description</b>	
An area for teachers and staff to break for lunch or gather and socialize is designed to include a kitchenette with a sink, full-size refrigerator, microwave and counter storage with upper/lower cabinets. Other appliances may be incorporated as required. A seating area consisting of tables and chairs, soft seating, or “hoteling” workstations will be provided. Note: additional central work/faculty/group rooms with faculty toilet and central supplies have been programmed across the building to maximize operational efficiency and promote interdisciplinary collaboration.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Cafeteria</li> <li>• Connection to outdoor dining area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient flooring, or similar</li> <li>• Durable, low maintenance</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• (See Furnishings for Display areas)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Interactive display (or) TV monitor</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple power/data outlets at walls with USB charging modules</li> <li>• Multiple power outlets at kitchenette</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• ADA compliant sink with filtered water faucet</li> <li>• (See Appliances)</li> <li>• Microwave</li> <li>• (2) Full Size refrigerators</li> <li>• Coffee Maker</li> <li>• Dishwasher</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Variety of dining table sizes</li> <li>• Fixed upper and lower cabinets</li> <li>• Lounge/café-style furniture</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>GENERAL / INSTRUCTIONAL STORAGE</b>	
<b>Room Area (SF)</b>	<b>325 SF</b>
Number of Teachers	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
An organized space where equipment, books, general supplies, attic stock, and educational materials are stored, ensuring easy access for custodial staff and teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Custodial Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed Concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical Tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> </ul>



**SECTION IX – Detailed Description**

<b>TOILET ROOM (Boys/Men and Girls/Women)</b>	
<b>Room Area (SF)</b>	<b>250 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
Multiple-user, multi-stall restrooms for students and the public will be designed to promote an anti-bullying environment, with facilities designated for both males and females, clear symbols and signage to communicate use, thoughtful attention to privacy and comfort, and full compliance with building codes and fixture requirements, including the latest International Plumbing Code updates.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Strategically located throughout the building(s)</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Tile</li> <li>Perimeter joint PVC profile; Schluter DILEX-BWA or similar</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Moisture resistant drywall</li> <li>Tile/ Paint</li> <li>Perimeter joint PVC profile at Doors/ Windows; Schluter DILEX-BWA or similar</li> <li>All outside edges to receive Metal Trim profile; Schluter QUADDEC or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Solid door</li> <li>(or) No door, "airport style" layout</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>Public address system</li> <li>WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>Fixture count determined by plumbing codes.</li> <li>ADA compliant fixtures</li> <li>Floor Drains</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> <li>Exhaust as determined by mechanical code</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>Vandal-resistant toilet partitions of durable, high-density material with anti-bullying design</li> <li>Toilet accessories including mirror</li> </ul>



**SECTION IX – Detailed Description**

<b>SINGLE-USER TOILET ROOM</b>	
<b>Room Area (SF)</b>	<b>50 SF</b>
Number of Teachers	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
Single-user restrooms for students and the public will be designed to be inclusive and gender-neutral, fostering an anti-bullying environment, with clear symbols and signage to communicate use, thoughtful attention to privacy and comfort, and full compliance with building codes and fixture requirements, including the latest International Plumbing Code updates.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Strategically located throughout the building(s)</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Tile</li> <li>Perimeter joint PVC profile; Schluter DILEX-BWA or similar</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Moisture resistant drywall</li> <li>Tile/ Paint</li> <li>Perimeter joint PVC profile at Doors/ Windows; Schluter DILEX-BWA or similar</li> <li>All outside edges to receive Metal Trim profile; Schluter QUADDEC or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Solid door</li> <li>(or) No door, "airport style" layout</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>Public address system</li> <li>WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>Fixture count determined by plumbing codes.</li> <li>ADA compliant fixtures</li> <li>Floor Drains</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Refer to Building Systems section for additional requirements</li> <li>Exhaust as determined by mechanical code</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>Toilet accessories including mirror</li> </ul>



**SECTION IX – Detailed Description**

<b>CUSTODIAL CLOSET</b>	
<b>Room Area (SF)</b>	<b>60 SF</b>
Number of Staff	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
Strategically located throughout the building with convenient access to major assembly areas and learning communities.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Distributed throughout the building</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed concrete</li> <li>• (or) Washable non-skid flooring</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Mop sink</li> <li>• Floor Drains</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> <li>• Exhaust as determined by mechanical code</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> </ul>



**SECTION IX – Detailed Description**

<b>CUSTODIAL OFFICE</b>	
<b>Room Area (SF)</b>	<b>150 SF</b>
Number of Staff	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space for custodial staff to efficiently manage cleaning supplies, take breaks, and perform administrative tasks. The objective is to enhance the overall effectiveness and well-being of the custodial team, ensuring a clean and organized environment that supports their work responsibilities.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Deliveries/ Receiving</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient floor</li> <li>• (or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Door with vision panel</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures, dimmable</li> <li>• Daylight sensors</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Network Copier/ Printer</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Multiple power/data outlets at walls with USB charging modules</li> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Classroom Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• Modular, mobile table</li> <li>• Mobile seating/chairs</li> <li>• Fixed upper and deeper lower cabinets to accommodate equipment</li> <li>• Tall wardrobe, lockable, or cubbies/lockers for personal belongings</li> <li>• 12 ft Workbench</li> <li>• Adjustable Industrial Metal Storage racks</li> <li>• Office systems desk</li> <li>• Task chair</li> <li>• Visitor chairs</li> <li>• Lockable lateral files</li> </ul>
Teacher Storage, Casework & Furniture	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Display	<ul style="list-style-type: none"> <li>• Writeable Surface, Magnetic marker/whiteboard</li> <li>• Bulletin board</li> </ul>



**SECTION IX – Detailed Description**

<b>CUSTODIAL / MAINTENANCE STORAGE</b>	
<b>Room Area (SF)</b>	<b>350 SF</b>
Number of Staff	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
A centralized storage space for cleaning supplies and equipment, facilitating efficient and organized maintenance of the school's cleanliness and hygiene.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Deliveries/ Receiving</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed concrete</li> <li>• (or) Washable non-skid flooring</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• Fire proofing as required for emergency electrical rooms, BDA systems, etc.</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> <li>• (or) Open Ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> </ul>



**SECTION IX – Detailed Description**

<b>CUSTODIAL TOILET ROOM</b>	
<b>Room Area (SF)</b>	<b>50 SF</b>
Number of Staff	N/A
Average Class Size	N/A
<b>Narrative Description</b>	
Single-user restrooms for the custodial staff with thoughtful attention to privacy and comfort, and full compliance with building codes and fixture requirements, including the latest International Plumbing Code updates.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to custodial office and work areas</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Tile</li> <li>• Perimeter joint PVC profile; Schluter DILEX-BWA or similar</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Moisture resistant drywall</li> <li>• Tile/ Paint</li> <li>• Perimeter joint PVC profile at Doors/ Windows; Schluter DILEX-BWA or similar</li> <li>• All outside edges to receive Metal Trim profile; Schluter QUADDEC or similar</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Moisture resistant acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid door</li> <li>• (or) No door, "airport style" layout</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Fixture count determined by plumbing codes.</li> <li>• ADA compliant fixtures</li> <li>• Floor Drains</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> <li>• Exhaust as determined by mechanical code</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Toilet accessories including mirror</li> </ul>



**SECTION IX – Detailed Description**

<b>MECHANICAL ROOM</b>	
<b>Room Area (SF)</b>	<b>500 SF</b>
Number of Staff	1
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space that houses essential mechanical and utility systems, such as heating, ventilation, air conditioning (HVAC), and other equipment, ensuring the efficient functioning of the school's infrastructure. It typically contains machinery, control systems, and maintenance tools to support the building's operational needs.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Custodial Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Data connection for BMS connectivity</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Floor drains</li> <li>• Hose bib</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>



**SECTION IX – Detailed Description**

<b>ELECTRICAL ROOM</b>	
<b>Room Area (SF)</b>	<b>100 SF</b>
Number of Staff	1
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space that supports the building's electrical distribution, housing control panels, circuit breakers, and other essential equipment. It provides a secure location to manage power for lighting, heating, and electronic systems in specific areas of the school.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Distributed throughout building</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed concrete</li> <li>• (or) Washable non-skid flooring</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> <li>• Fire proofing as required for emergency electrical rooms, BDA systems, etc.</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open Ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Solid Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> </ul>



**SECTION IX – Detailed Description**

<b>DOMESTIC WATER / FIRE PROTECTION</b>	
<b>Room Area (SF)</b>	<b>250 SF</b>
Number of Staff	1
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space that houses essential water and fire protection systems, including domestic water supply, fire pumps, sprinkler controls, and related equipment, ensuring the safe and reliable operation of the school's plumbing and life safety infrastructure.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Custodial Area</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Data connection for BMS connectivity</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• Floor drains</li> <li>• Hose bib</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>



**SECTION IX – Detailed Description**

<b>IDF ROOM</b>	
<b>Room Area (SF)</b>	<b>80 SF</b>
Number of Staff	1
Average Class Size	N/A
<b>Narrative Description</b>	
A dedicated space for network equipment like switches and routers, ensuring effective distribution of data and communication services across the school.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>Distributed throughout building</li> </ul>
Floors	<ul style="list-style-type: none"> <li>Anti-static flooring</li> </ul>
Walls	<ul style="list-style-type: none"> <li>Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>Open Ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>Solid Door</li> <li>Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>LED Fixtures, dimmable</li> <li>Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>Server Racks</li> <li>Routers</li> <li>Cabling infrastructure</li> <li>Modems</li> <li>Patch panels and wire management</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>Twist lock receptacles for IT rack power</li> <li>Telephone demarc</li> <li>Public address system head end</li> <li>Security system head end</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>Dedicated redundant split units for cooling</li> <li>Pre-action fire suppression for MDF</li> <li>Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>Ladder rack/ cable tray</li> </ul>



**SECTION IX – Detailed Description**

<b>DELIVERIES &amp; LOADING</b>	
<b>Room Area (SF)</b>	<b>450 SF</b>
Number of Staff	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
A centralized space for custodial staff to receive packages, shipments, supplies and other deliveries, to then be able to store them appropriately after they are received and organized.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Custodial area</li> <li>• Adjacent to Food Prep/ Kitchen</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Sealed Concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> <li>• Wall Protection (as needed)</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Open Ceiling painted with acoustical deck</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door</li> <li>• Exterior Rolling Door desired</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Utility grade fixtures</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• Telephone/public address system</li> <li>• WIFI access</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> </ul>



**SECTION IX – Detailed Description**

<b>OUTDOOR STORAGE (P.E., Recess, Facilities)</b>	
<b>Room Area (SF)</b>	<b>300 SF</b>
Number of Staff	1-2
Average Class Size	N/A
<b>Narrative Description</b>	
An organized space with various storing abilities for holding educational materials, supplies and equipment ensuring easy access for teachers.	
<b>Environmental Characteristics</b>	
Adjacency/Location	<ul style="list-style-type: none"> <li>• Adjacent to Gym and/or custodial areas</li> </ul>
Floors	<ul style="list-style-type: none"> <li>• Resilient floor</li> <li>• (or) Sealed concrete</li> </ul>
Walls	<ul style="list-style-type: none"> <li>• Paint</li> </ul>
Ceiling	<ul style="list-style-type: none"> <li>• Acoustical tile</li> </ul>
Windows	<ul style="list-style-type: none"> <li>• Combination of operable or inoperable windows, to be determined by the district during design</li> <li>• Room darkening shades</li> </ul>
Doors & Hardware	<ul style="list-style-type: none"> <li>• Double Door, exterior access</li> <li>• Integral security locking device as developed by the district (standards) for lockdown procedures</li> <li>• Vision panel covering as required for lockdown procedures</li> </ul>
<b>Specialty Systems</b>	
Lighting	<ul style="list-style-type: none"> <li>• LED Fixtures</li> <li>• Occupancy sensors</li> </ul>
Technology/Devices	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Power, Data & Communications	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Plumbing & Appliances	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
HVAC/Mechanical	<ul style="list-style-type: none"> <li>• Refer to Building Systems section for additional requirements</li> </ul>
Acoustics	<ul style="list-style-type: none"> <li>• Acoustics shall comply with the contemporary version of the following: Acoustic Performance Criteria, ANSI S12.60-2002, Design Requirements and Guidelines for Schools</li> </ul>
<b>Furnishings</b>	
Special Needs / Equipment	<ul style="list-style-type: none"> <li>• Adjustable Industrial Metal Shelving</li> <li>• Secure storage cabinets</li> </ul>

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BUILDING SYSTEMS



## SECTION X – Building Systems

### Proposed Building Systems

The following describes the proposed mechanical, electrical, plumbing, fire protection, technology and security systems. Mechanical, Electrical, Plumbing, and Fire Protection systems shall be in accordance with the current Connecticut State Building Code including but not limited to the current International Energy Conservation Code (IECC) and shall comply with the State of Connecticut High Performance Building Standards.

### Fire Protection (Sprinkler System)

- A new fire protection system, in accordance to NFPA 13, shall be installed throughout all areas of the building. Complete fire alarm system with sprinklers, pull stations, horns, flashing, lighting, voice evacuation in areas of large assembly, smoke and heat detectors, battery backup, and plastic shields on pull stations is required. Depending upon the building design, the fire alarm system should be integrated and monitored through one location.
- The fire alarm system should have a direct connect to the local Fire Department in case of activation. The system shall be provided with a fire alarm control panel with a wireless master box to contact the local fire department.
- The building will be provided with an addressable fire alarm system in compliance with code requirements and ADA regulations.
- Voice evacuation shall be provided throughout the building.
- Manual pull stations shall be installed in locations designated by the local fire marshal office.
- A new minimum 6" fire protection line will be routed to the building from water mains located at the street.
- A new minimum 6" main fire protection water service with a double check backflow preventer assembly shall be installed, within the Mechanical Room.
- Alarm valves shall be installed to properly zone the sprinkler system. There will also be flow control valve assemblies with tamper & flow switches on each floor level.
- Sprinklers shall be concealed, fully recessed in finished areas with ceilings. Sidewall, exposed, extended coverage sprinklers shall be installed where appropriate. Upright sprinklers with protective baskets shall be installed within the gymnasiums, storage and mechanical areas. Quick response sprinkler heads shall be used in light hazard locations. Sprinklers, unless noted otherwise, shall have a ½" orifice and a 165°F temperature rating. Intermediate temperature classification sprinklers shall be installed within the mechanical room, skylights and other applicable areas.
- Piping for the sprinkler system shall be steel pipe, ASTM A 53; Schedule 40 seamless carbon steel. Schedule 10 pipe shall be allowed for pipe sizes larger than 2" diameter when roll grooved mechanical couplings are used. Sprinkler piping shall be installed above ceilings and concealed within chases where applicable.
- Fittings shall be grooved mechanical fittings: ANSI A21.10 ductile iron; ASTM A47 grade malleable iron. Couplings shall be ASTM A 536 ductile iron or malleable iron housing, EPDM gasket with nuts, bolts, locking pin, locking toggle or lugs to secure roll grooved pipe and fittings.
- Kitchen hoods and kitchen exhaust ductwork shall be protected by dry chemical type systems and shall be connected to the fire alarm system.

### Fire Alarm System

- The building will be provided with an addressable fire alarm system in compliance with code requirements and ADA regulations. Voice evacuation shall be provided throughout the building.

## SECTION X – Building Systems

The system shall be provided with a fire alarm control panel with a wireless master box to contact the local fire department. Manual pull stations shall be installed in locations designated by the local fire marshal office. Audible and visual signaling devices shall be installed in classrooms, corridors, toilets, cafeteria, gymnasium, etc. Visual-only signaling devices shall be installed in all conference rooms, work rooms, small staff toilets, etc.

### Wastewater Management

The proposed Gainfield Elementary School (approximately 95,094 square feet; design enrollment of 504 students plus staff) will require a new wastewater management system to replace or supplement existing infrastructure and accommodate projected flows associated with school operations. Two primary alternatives are under consideration: (1) construction of a new on-site subsurface sewage disposal system, and (2) potential connection to a nearby public sanitary sewer system.

#### *On-Site Septic System Alternative*

Under this alternative, the school would be served by a new on-site subsurface sewage disposal system designed in accordance with the Connecticut Public Health Code. Based on typical elementary school design criteria (approximately 10–12 gallons per day per student, plus staff and ancillary uses), the anticipated average daily wastewater flow is estimated to be in the range of 6,000–7,200 gallons per day (gpd). Final design flow will be verified during detailed engineering and coordinated with regulatory agencies.

The system would generally consist of a building sewer, septic tank(s), distribution system, and subsurface leaching system. Given the projected flow, the system would be classified as a large subsurface sewage disposal system and may incorporate enhanced features such as pump dosing or pressure distribution to ensure uniform effluent application and long-term reliability.

Site evaluation will include deep test pits and percolation testing to assess soil suitability, seasonal high groundwater conditions, and other constraints. These findings will govern system sizing, configuration, and the allocation of both primary and reserve leaching areas. The design will comply with required setbacks and separation distances to protect groundwater and nearby receptors.

*Regulatory review for this alternative is expected to include:*

The Town of Southbury Health Department (local permitting and inspections), and  
The Connecticut Department of Public Health (for systems exceeding 2,000 gpd).

Provided the system remains below 7,500 gpd, review by the Connecticut Department of Energy and Environmental Protection is not anticipated unless specific design conditions trigger additional jurisdiction.

#### *Public Sewer Connection Alternative*

As an alternative to on-site disposal, the project may consider connection to the sanitary sewer system operated by the Southbury Water Pollution Control Authority, located in the vicinity of the Heritage Woods area to the northwest of the existing school site. This option would involve extension of a sanitary sewer main from the existing system to the proposed school.

## SECTION X – Building Systems

Key factors to be evaluated for this alternative include available treatment and conveyance capacity within the existing WPCA system, required length and routing of the sewer extension, potential need for pump stations, and associated construction impacts. Final design parameters including connection distance, system capacity, and infrastructure requirements have not yet been determined and will be subject to further feasibility analysis.

Implementation of this alternative would require coordination and approvals from the Southbury WPCA, as well as potential review by the Connecticut Department of Energy and Environmental Protection for sewer extensions and/or modifications to existing wastewater infrastructure. Local permitting and coordination with other municipal agencies would also be required.

### Conclusion

Both wastewater management alternatives will be evaluated based on technical feasibility, regulatory requirements, environmental considerations, and lifecycle costs. The on-site septic system offers a self-contained solution consistent with existing conditions, while the public sewer connection alternative may provide long-term operational advantages if sufficient capacity and feasible routing are confirmed. Final selection of the preferred alternative will be determined during subsequent phases of design and permitting.

It should be noted that, in accordance with State of Connecticut school construction reimbursement policies, any site utility infrastructure located off the school property including off-site sanitary sewer extensions or related improvements may be deemed ineligible for state reimbursement, and this consideration will factor into the evaluation of project alternatives.

### Plumbing Systems

- New plumbing systems will be installed including but not limited to: storm, waste, vent piping, domestic water service, domestic cold and hot water, gas service as required, and a grease interceptor shall be coordinated to connect to the sanitary system in order to prevent grease from entering and clogging this system. Plumbing fixtures shall be low-flow or otherwise focused on sustainable, water conservation methods.
- Plumbing in the school must meet present codes; and the sanitary sewer lines must be properly sized and located to handle the anticipated load.
- Storm, waste, and vent piping shall be hub-less cast iron with standard torque clamps, conforming to CISPI 301 for above ground piping and hub & spigot cast iron conforming to ASTM A 74 for piping installed below the floor slab. Storm, waste, and vent piping shall be concealed within chases and walls. Storm and waste services shall exit the building below slab at multiple locations to be coordinated with the site engineer. The secondary storm system shall exit the building separate from the primary system; discharge shall be above grade, at locations visible to the building maintenance staff.
- The building will require a minimum 4" domestic water service minimum, which shall enter the building below slab, and rise up to a service assembly located in the Mechanical Room. The service assembly located within the Mechanical Room shall consist of shut-off valves, pressure reducing valves, backflow preventers, and a meter.
- Domestic cold water, domestic hot water, and domestic hot water recirculation piping shall be Type L copper conforming to ASTM B 88. Domestic water piping shall be insulated with rigid molded, noncombustible glass fiber insulation conforming to ASTM C335. Domestic water piping

## SECTION X – Building Systems

throughout the building shall be installed above ceilings and concealed within walls. Jacketing shall be provided on piping exposed in occupied areas (when exposed pipe is located below 10').

- **Should the town decide not to implement an all-electric building targeting a NetZero facility**, a new natural gas service shall be provided to serve the building this service shall originate from the street and enter the building in the Mechanical Room after connecting to the meter assembly. The meter assembly shall consist of shut-off valves, pressure regulator and meter. Gas piping shall be ASTM A53 schedule 40 black steel. Gas piping will be used to serve the building domestic hot water heaters, boilers, kitchen appliances, and any additional mechanical or amenity space equipment.
- A concrete 2000-gallon grease interceptor (or sized as required by the local health department) shall be coordinated and then installed below grade at the exterior of the kitchen. The waste connection exiting the grease interceptor shall connect to the sanitary system serving the buildings. The interceptor shall prevent grease from entering and clogging the sanitary system.

### Hot Water Systems

- The hot water distribution system shall include 140°F piping for the kitchen (boosted to 180°F at the dishwashing area) and 110°F piping to serve the remainder of the building. The water in the storage tanks will be stored at 140°F. An automatic High/Low tempering valve, by Leonard or approved equal, will reduce to the water to 110°F for the building piping. For controllability reasons a second High/Low tempering valve will be installed on the kitchen 140°F water feed. **Note: Source of energy related to hot water may include geothermal / heat pump system targeting a NetZero facility.**
- Hot water recirculation pumps shall be installed to maintain the appropriate temperatures in the domestic hot water distribution system. The pump shall be controlled by the building management system (BMS) to minimize energy consumption. Hot water recirculation piping shall be brought to all lavatory and sink locations.

### Hot Water Plant

- Domestic hot water shall be generated by two natural gas fired water heater/storage tank, PVI Conquest or approved equal, located in the Mechanical Room. **Note: Source of energy related to hot water may include geothermal / heat pump system targeting a NetZero facility.**

### Plumbing Fixtures and Specialties

- All plumbing fixtures required to be accessible shall be in accordance with the Americans with Disabilities Act (ADA), 504 and UFAS standards.
- Water closets and urinals shall be wall hung, vitreous china, low consumption (0.125 gallon per flush urinals and high efficiency 1.28 gallon per flush water closets), by American Standard or approved equal. Flush valves shall be manually operated, by Sloan or approved equal.
- Lavatories shall be wall hung, vitreous china, by American Standard or approved equal. Faucets shall be low consumption manually operated, by Symmons or approved equal.
- Multi-user lavatories shall be wall hung, solid synthetic surface with integral soap dispensers by Bradley or approved equal. Faucets shall be low consumption manually operated by selected manufacturer.
- Wall hangers for water closets, urinals, and lavatories shall be heavy duty adjustable height type by J.R. Smith or approved equal. Hangers shall be installed within chase spaces provided behind fixtures.



## SECTION X – Building Systems

- Bottle filling stations (Drinking fountains) shall be stainless steel, wall recessed, two-tier, ADA style, vandal resistant manufactured by Elkay or approved equal.
- Mop basins shall be floor mounted, 24"x24", molded stone, with wall mounted faucet & trim, by Fiat or approved equal.
- Classroom sinks shall be stainless steel, by Elkay or approved equal with gooseneck faucets, by Symmons or approved equal.
- Cast iron floor drains shall be installed at all toilet rooms. Heavy-duty cast iron floor drains & floor sinks shall be installed in the Mechanical Room. Floor drains shall be by J.R. Smith or approved equal. Trap primers shall be provided for floor drains. In the kitchen area trap primers shall be Pressure Drop Activated by PPP or approved equal. In bathrooms and mechanical room areas trap primers shall be waterless by ProSet Trap Guard or approved equal.
- **Should the town decide not to implement an all-electric building targeting a NetZero facility,** Emergency gas solenoid valves shall be provided in the kitchen.
- Hose bibbs shall be installed in all toilet rooms, by Woodford or approved equal.
- Wall hydrants shall be installed on exterior walls every 100 feet. Wall hydrants shall be non-freeze type by Woodford or approved equal.

### Mechanical Systems

- New heating and cooling plants will be installed to provide adequate heating and cooling capacity for the new building. All spaces are to receive air conditioning. Classrooms, offices, and conference rooms shall be ventilated by a dedicated outside air system (DOAS), with energy recovery. Large volume spaces such as the Gym, Cafeteria, Flexible Performance Space, Media Center, and other multi-purpose type spaces shall be ventilated by rooftop units (RTUs) with energy recovery, or water/air cooled heat pump equipment. Sustainable goals and initiatives are to be incorporated as identified, including but not limited to: geothermal, photovoltaic array.
- In addition, utilizing renewable energy sources including solar and geothermal as well as net zero energy and/or emissions will be considered in the building design in the context of a 50 year estimated useful life. This should include cost estimates of energy—and other known, direct—costs over that time span for all energy sources.
- Set a goal to achieve a targeted energy use intensity (EUI) in the mid-20's overall, through a combination of energy efficient building systems, solar/photovoltaics (PV), geothermal, etc.
- The school will have an automatic building controls system designed to promote a safe, efficient, and healthful indoor environment. Standards for design selection include reliability, simplicity of operation, comprehensiveness, energy efficiency, low ongoing maintenance and repair costs, length of useful life, and operational efficiency overall.
- A Building Management System (BMS) shall be installed to control the mechanical and selected electrical systems. BMS shall be by the Temperature Control vendor approved by the owner.
- Spaces should have independent, on demand heating, cooling and ventilation control for operational efficiency.
- Each classroom will be provided with a temperature sensor and carbon dioxide sensor. The carbon dioxide sensor is an energy saving device. By sensing the carbon dioxide within the room, the outside air intake is adjusted, reducing the amount of outside air being heated or cooled, resulting in less energy used.
- Climate controls/ventilation systems need to meet current codes and standards.

## SECTION X – Building Systems

### HVAC Controls

- A Building Management System (BMS) shall be installed to control the mechanical and selected electrical systems. BMS shall be by the Temperature Control vendor approved by the owner.
- The system shall include a personal computer with graphics-based display and capabilities for alarming off-site.
- The BMS shall provide temperature control for all HVAC systems and control select lighting in the building.
- The system shall be programmed for occupied/unoccupied cycles for the air handling equipment, with an override feature for spaces that would be utilized after-hours.
- The system shall monitor occupancy sensing devices to control the amount of outside air being brought in to each classroom to assist in energy conservation.
- The BMS shall be accessible from any Web browser and mobile device with proper authorization.

### Heating Plant

- **Should the town decide not to proceed with a geothermal/heat pump building infrastructure targeting a NetZero facility**, the heating plant will generally consist of a minimum of (3) natural gas fired boilers, Aereco Benchmark or equal. The boilers will be mounted on 6" thick reinforced concrete housekeeping pads.
- **Should the town decide not to proceed with a geothermal/heat pump building infrastructure targeting a NetZero facility**, the primary heating hot water pumping plant will generally consist of one pair of pumps. Each of the pumps will be sized for 100% capacity, for complete redundancy. The pumping will be a variable primary arrangement for the boilers and will send 140°F water to the building for space heating systems and terminal heating units (baseboard fin tube, radiant ceiling panels, air handling units, cabinet units heaters, etc.) throughout the facility. The space heating hot water supply piping temperature will be reset inversely with outside air temperature, to minimize energy consumption. Heating hot water pumps shall be vertical inline type by Armstrong or approved equal, Pumps will be mounted on 6" thick concrete housekeeping pads in the Mechanical Room.

### Chiller Plant

- **Should the town decide not to proceed with a geothermal/heat pump building infrastructure targeting a NetZero facility**, the chiller plant for space cooling, will generally consist of (2) site mounted air cooled chillers, Trane CGAM or approve. The chiller will be mounted on an exterior concrete pad. Chiller shall have sound enclosure surrounding it on all sides, consult chiller manufacturer on exact size and thickness of enclosure to provide acceptable sound levels in residential neighborhood.
- **Should the town decide not to proceed with a geothermal/heat pump building infrastructure targeting a NetZero facility**, the primary chilled water pumping plant will generally consist of one pair of pumps. Each pump will be sized for 100% capacity, for complete redundancy. The pumping will be a variable primary arrangement with the chillers in a parallel configuration and will circulate 57°F chilled water to the space cooling system, assuming active chilled beams are utilized. Chilled water pumps shall be vertical inline type, by Armstrong or approved equal. Pumps will be mounted on 6" thick concrete housekeeping pads in the Mechanical Room.

## SECTION X – Building Systems

### Heating, Ventilating and Air Conditioning

#### Academic Areas

- The outdoor ventilation air for the core academic, office, and multi-purpose areas will be provided through dedicated outdoor air (DOA) units. These DOA units will provide pre-conditioned air that will be distributed directly to each space. Exhaust air from the spaces will be ducted back to the DOAS unit. Each DOA unit will generally consist of supply & exhaust fans, hot water heating coil, DX cooling coil, hot gas reheat coil, energy recovery wheel, filter section, and controls. DOA units shall be AAON RN Series or equal.
- Space cooling will be provided for each space. The system to provide this cooling has not yet been determined but will be provided by either variable refrigerant flow (VRF) fan coils and associated condensing units, or active chilled beams supported by an air cooled chiller. These cooling terminal units will be responsible for accommodating the space sensible cooling load (latent load satisfied by DOA units).
- Space heating may be supplemented through the use of either perimeter fin-tube radiation or radiant ceiling panels along exterior walls. Perimeter fin-tube radiation shall be Rittling or approve equal. Radiant ceiling panels shall be Airtite or approved equal.

#### Tel/Data and security equipment rooms

- Data closets will be served by ductless split units, by Mitsubishi or approved equal.

#### Corridors/Miscellaneous areas

- All restrooms, mechanical/electrical rooms and storage areas shall be provided with exhaust that will be connected to the DOA units thought the building. The exhaust rate to these rooms will be provided based on ASHRAE 62.1 Requirements.
- The stairwells, entrances and vestibules shall be served by hot water cabinet unit heaters with return air temperature sensors and control valves.
- All storage areas, mechanical rooms and electrical rooms shall be provided with hot water unit heaters.

### Materials and Methods

Includes the following basic materials and methods of construction:

- All ductwork and accessories shall meet SMACNA standards.
- Provide all HVAC equipment with extra set of filters.
- Seismic restraints shall be designed and installed as required per State of Connecticut Building Code and Fire Safety Code which requires the seal of a licensed professional engineer. Abovementioned professional engineer will be required to verify installation is correct and complete per seismic code. This includes piping, ductwork, equipment, and equipment bases.
- Provide glass fiber insulation for all hydronic piping and ductwork. Insulation shall be installed to meet the Energy Conservation Code.
- Provide firestopping around mechanical penetrations in accordance with fire stopping requirements. System shall be capable of maintaining against flame and gases. System shall be UL listed and comply with ASTM E814.
- Provide mechanical identification for mechanical systems. Identification shall comply with ANSI A13.1.

## SECTION X – Building Systems

- All pipe connections shall be installed to allow for freedom of movement of the piping during expansion and contraction without springing. Swing joints, expansion loops and expansion joints with proper anchors and guides shall be provided where shown.
- Provide vibration isolation for hydronic piping, ductwork, and equipment.
- Hydronic piping 2 1/2"  $\phi$  and under shall be Type L copper. Piping 3"  $\phi$  and over shall be ASTM A 53; Schedule 10 black steel pipe with welded, flanged or grooved joints.
- All equipment served by hydronic piping shall have isolation valves on the supply and return lines. Isolation valves shall also be provided at branch take-offs.

### Electrical Systems

- New electrical service will be installed with power provided by local utility company. Distribution will include customer utility metering as well as sub-metering for plug loads, lighting, mechanical equipment, kitchen loads, etc.
- The building shall be provided with a minimum 2000A, 277/480V, 3-phase, 4-wire, main electrical service with circuit breaker distribution and integral TVSS and ground fault. The main switchboard shall be located in a Main Electrical Room. Include the following:
  - Electrical service shall be provided underground from the Utility pad mount transformer in schedule 40 PVC conduit. When crossing roadways, sidewalks, etc, concrete encased conduit shall be provided.
  - All conductors shall be copper.
- The building shall be provided with an emergency generator with weatherproof sound attenuated enclosure and tank capable of providing ample amount of run time.
- A generator shall be provided for backup power. Two automatic transfer switches (ATS) shall be provided; one for emergency loads and one for optional standby loads. The generator shall support emergency lighting, the elevator, IT load, freeze protection (i.e. boilers, if provided), kitchen walk-in cooler and freezer, and other miscellaneous loads. The building shall be provided with a minimum 450 emergency / standby diesel generator, 60Hz, 1800RPM, 3phase 120/208Volt, with weatherproof sound attenuated enclosure and tank capable of providing 72 hours of run time.

### Distribution

The building shall be provided with a minimum of panelboards and feeders as follows:

- Main Electrical Room shall contain (minimum):
  - 2,000A, 277/480V main switchboard. Metering will be provided separately for lighting loads, receptacle loads, kitchen loads, and HVAC loads. Switchboard shall include TVSS device and ground fault.
  - Provide separate panel boards for Lighting, General Receptacles, Kitchen and Mechanical equipment.
- Emergency Electrical Room shall contain (minimum):
  - ATS #1 120/277Volt, 3phase- Life Safety / Emergency Lighting distribution.
  - Provide general purposed panel board for emergency lighting. Panel board shall be Bussman Quick Spec Fusible Link.
- Kitchen / Cafeteria shall contain (minimum):
  - One general purpose panel board shall be 120/277, 3PH, 4W. Branch circuits shall be installed in EMT conduit. Type MC cable shall be limited to concealed spaces above

**SECTION X – Building Systems**

finished ceilings in classrooms or drywall type partitions after first device. EMT conduit shall be used to the first device in a branch circuit and shall be used in all masonry or CMU partitions.

- Efficient and appropriate natural lighting will be maximized within the facility as appropriate for the programmatic use of the spaces. Occupancy and vacancy sensors, dimming, daylight sensors and dual switching will be installed in classrooms. LED light fixtures will be used throughout. Attention should be given to security lighting for both the interior and exterior of the building. Emergency lighting power will be provided via emergency generator as described above. Exit signs will be self-contained, universal mounted, LED illuminated, low energy usage fixtures. Lighting systems will also include:
  - Exit signs will be self-contained, universal mounted, LED illuminated, low energy usage fixtures.
  - Occupancy sensors shall be provided in all lit areas except in utility rooms and other rooms exempted by code.
  - Occupancy sensor switches with wall override shall be provided in all small offices, single occupancy toilet rooms, storage rooms and janitors closets.
  - Corridor and stairwell lighting shall remain on during occupied hours, but will be controlled by occupancy sensors during unoccupied times. This will require communication with the building management system.
- Site lighting will be as follows:
  - Parking lot lighting shall be accomplished using pole mounted, 277V, LED fixtures on 60 foot centers maximum. Fixtures to match existing complex LED fixtures and will be fed from a site lighting relay panel and shall be controlled by the building management system and photocell arrangement.
  - Walkway lighting may be accomplished using 3' high bollards, 120V, LED on 15foot centers or similar. Fixtures will be fed from the site lighting relay panel and shall be controlled by the building management system.
  - All egress doors leading directly to the exterior of the building shall have 2-LED array, 2-LED driver fixtures mounted above.
- Gymnasium/Cafeteria lighting shall be controlled via occupancy sensors or lighting control system by Crestron GLPAC or GLPP series or equivalent.
- Illuminated low level exit signs and handicap accessible exit signs shall be provided where required by code.

**Materials and Methods**

Include the following basic materials and methods of construction:

- Wiring shall be THHN/THWN copper, installed in EMT conduit for general circuits.
- Type MC cable shall be used as prescribed in sections above.
- Devices shall be specification grade, NEMA 5-20R etc.
- Disconnect switches shall be fusible heavy-duty type. NEMA 1, 3R or 4X as required for locations installed.
- Circuit breakers shall be fixed element, thermal magnetic type.
- Panelboards shall have copper bussing, with hinged, lockable, door-in-door trim.
- Branch circuit breakers shall be bolt-on type.
- All conduits, circuits and devices shall be labeled.



**SECTION X – Building Systems**

- Conduits below slabs shall be schedule 40 PVC, with rigid steel conduit sweeps.
- In all single occupant toilet rooms: emergency call light/bell mounted above the doors and associated call switches shall be provided.

**Technology**

Current technology standards and anticipated future standards are to be state-of-the-art. The most up-to-date voice/video/data systems will be added to all instructional and support spaces within this school. A WAN will be installed and this building will be networked to the NPS. Wireless Access Points (WAPs) will be installed through the entire school.

A contemporary elementary school must be able to support varied uses of technology. In particular, the school's infrastructure should reflect the latest in wiring and cabling, which would support current technology applications as well as the capacity to support future requirements. Computers should support the full range of educational and operational functions in the school. Wiring for all classrooms will include multiple network drops, WAPs, and multiple electrical outlets. The entire facility will have wireless connectivity to support the implementation of one-to-one mobile devices such as laptops, netbooks, and other Internet-ready devices.

At minimum, the new building will require the following systems to meet the programmatic needs of the school: the telecommunications infrastructure consists of a state-of-the-art voice, video, and data network. The network is designed to provide users voice, video, and data communication throughout the school, between schools within the district, and across the globe.

Note: CAT6E or better should be employed at a minimum, and 1 to 10 GB connections to all desktop location (or fastest switch connection possible via economical means) and 10GB trunks (or fastest switch connection possible via economical means) to all interconnections to all of the data closets. Also, one two 1 GB drops to be located in the ceiling for wireless APs should installed for support of the wireless infrastructure in each educational space, inclusive of hallways, common areas, breakout spaces and all core spaces (Gym, Cafeteria, Media Center, etc.).

A new technology and WIFI infrastructure will be provided for connectivity throughout the entire building, and even outdoor areas of the learning environment to allow maximum flexibility. The District's IT/Technology staff will identify any preferred vendors, providers, and will help to develop all final equipment requirements for compliance with District-wide standards.

**LAN / WAN Switches**

- All school wiring closets have at least one 48-port POE switch, minimum, to support wireless access points and other POE devices.
- All school wiring closets have at least one 48 port non-POE switch for standard network access.
- At least one wiring closet shall contain a 10GB fiber connection back to the main infrastructure for the district.
- All switch interconnectivity shall be through 10GB fiber SFPs, at a minimum.

**Wiring Closet UPS**

- All school wiring closets have at least one APC rack mounted UPS.

## SECTION X – Building Systems

### WiFi

- All schools are on a centralized wireless network.
- Ubiquitous WiFi should be provided to all student and staff accessible spaces.

### Interactive Projectors

- All classroom and conference room spaces should contain an interactive display (adjustable height) with a low gloss, dry erase, whiteboard with pen tray, along with tackable surfaces. This includes all four walls of the typical classrooms allowing versatility of teaching modalities.

### Document Cameras

- All classrooms should contain a Document Camera in addition to the interactive display devices.

### Misc. Technology Items

- There shall be a combined voice/data system with "VOIP" (Voice Over Internet Protocol) design compatible with the town-wide system.
- The school shall have both wall mounted and mobile, interactive LED devices in every educational space (Inclusive of all general classrooms, specialized education areas (Art, Music, Technology), meeting space, break out areas, hallways, presentation areas, and all core spaces (Flexible Performance Space, Cafeteria, Gym, Media Center, etc.).
- Capacity to provide video streaming devices in every classroom and meeting space.
- Flexible/adaptable charging stations in every room to accommodate a variety of devices over time.
- Multiple data drops with sufficient power in every classroom, meeting spaces, and tech/storage closets to accommodate phones/copiers as needed.
- Latest generation full WIFI coverage throughout the entire building compatible with district controllers.
- Shared printing stations to support multiple classrooms in convenient locations throughout the building.
- Head end equipment to be housed in an MDF with 24-hour environmental control.
- All IDF closets require 24-hour environmental control.
- Horizontal cabling shall be Category 6e plenum rated or contemporary equivalent.
- Cable shall be run in corridors to support horizontal cable structure.
- Fiber backbone between the MDF and IDF rooms shall be capable of at least 10GB minimum anticipating future growth.
- Fiber optical cable from street to MDF also must support 10 GB as well as anticipate future growth.
- Office space and workspace for Technology Personnel with sufficient data drops and power to support technology in the building.
- Storage for Technology Department is critical.
- The latest wireless technology should be incorporated into the school design. Note: This must be 100% compatible with the single controller system currently in operation.

## SECTION X – Building Systems

### Phone System

- There shall be a combined voice/data system with “VOIP” (Voice Over Internet Protocol) design compatible with the town-wide system.
- A comprehensive, district-integrated phone system (dial-out) will be integrated into technology scope of the project, including hands-free and handle options.
- Must be capable of reporting originating room identification as part of E911 call.
- Install phones in all educational spaces, supporting offices, and every room programmed for use of the facility occupied by teachers or students at any given time, including all meeting, support and instructional spaces.

### Clock System

- The clock system should use RF to sync to an NTP server.
- Clocks, similar to the phone system will be integrated into the technology component of the project.
- All support and instructional spaces will be included.
- System to have manual override capability in the event that Daylight Saving
- Times are adjusted by the Federal Government.

### Acoustical Treatment

- The entire building will comply with ANSI S12.60-2002: Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.
- Suspended acoustical ceilings, acoustical gypsum, and/or acoustical decks will be installed throughout the building.
- Corridor walls should be constructed of glazed concrete masonry units, or materials with a comparable NRC rating, and provide an adequate separation for sound control.
- In specialized areas, such as media centers & flexible performance space, appropriate acoustical treatments will be installed.
- Sound field system will be provided in each classroom.

### Sound Systems

- All classrooms should have amplified ceiling speakers connected to the teacher's workstation.
- Assistive Tech – Sound, Preferred: Front row (Assistive Wireless Sound Systems)
- All locations utilized for instruction shall include assistive wireless sound systems. Locations TBD.
- The flexible performance space, gym, and cafeteria should include a hearing loop system.

### Door Fobs

- All schools use the Open Options – DNAFusion door fob access control system.
- Fob readers are located at the main entrances and other doors where needed (likely to include all egress points from the building).
- All employee fobs are centrally managed at the district level.
- DNAFusion compatible readers that support the existing employee fobs are a requirement.

## SECTION X – Building Systems

### Security Cameras

- Security and video surveillance systems are to be provided for selected areas of the school, primarily at points of entry and high traffic areas of the school. The security system should use both infrared and motion sensing technology.
- A monitoring console for the video surveillance should allow the viewing of all exterior doors, parking lots, and delivery areas. Panic buttons should be provided for immediate access to the local Police Department via a telephone dial-out switch.
- All schools have an Avigilon DVR, or contemporary equivalent system. These DVRs are all centrally managed at the district level. These are rack mounted servers running Avigilon ACC version 7. They store 1 month of camera footage.
- For management and support purposes, Avigilon (or contemporary equivalent system), analytic-capable, 3 megapixel or greater, security cameras are a requirement.
- The server will likely need to be replaced to accommodate the increase in cameras, and an additional 48-port IP switch will also be needed.
- We work closely with a specific security consulting / authorized manufacturer/dealer, and would like to use them for any design and installation work on this project.
- Digital video surveillance of exterior/interior areas of the building integrated with District system.
- Design the plan to prevent access to instructional areas of the school when community events take place in assembly areas during non-school hours.
- Motion sensors shall be mounted in corridors.
- Respond to future state and/or federal mandates related to security requirements for elementary school facilities (i.e. panic button systems)
- Door locks shall be Sargent and integrated with existing MPS system (or contemporary equivalent).
- Note: This system must be 100% compatible with existing security surveillance system in place.

### Panic Button / Blue Light System

- All hallways and large gathering areas should contain ceiling mounted blue lights to alert those inside the building of an emergency condition.
- All exterior walls near entrances should also contain such lights.
- Some locations (approximately 6 or less) should contain stationary panic buttons which send an emergency alert to the local police department, as well as triggering the blue lights.
- Some portable panic buttons (approximately 6 or less) should be available for specific staff members.
- Exterior blue lights should include signage that explains their purpose. For example: "Do not enter when blue light is on."

### PA System & PA Visual Alert System

- The PA system should be configured for multi-zone paging both inside and outside the building.
- The building's public address system is comprehensive and will be addressed as part of the technology component of the project to incorporate internal building communications as well as external communications.
- The PA system should be developed in conjunction with the phone, clock, data, voice and DIVOS video distribution system of the school.



SECTION X – Building Systems

- Secondary access to security and public address systems will be located in the MDF/Head End Room.
- Most schools either currently have, or will soon have, PA visual alert systems in rooms, which are often too noisy to hear PA announcements. These are rooms such as the cafeteria, gymnasium, band room, etc. The alert system consists of ceiling mounted, white, rotating beacon lights that run whenever sound is coming out of the PA speakers in that space. This system addresses the common complaint of missed announcements in loud rooms, especially after lockdown drills.
- A new phone system, clock system, access control system, public address and emergency response system (including site/surveillance infrastructure) will be provided. The District's Security staff will identify any preferred vendors, providers, and will help to develop all final equipment requirements for compliance with District-wide standards.

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SITE DEVELOPMENT **XI**

**SECTION XI – Site Development****General**

The school will be designed as a comprehensive PK–5 campus that thoughtfully integrates safe, functional, and engaging outdoor spaces, efficient traffic and parking arrangements, outdoor learning and recreation areas, and flexible amenities to support student learning, wellness, and community engagement.

**Existing Site Considerations**

The Gainfield Elementary School site, located at 307 Old Field Road, Southbury, Connecticut, presents a unique opportunity to respond thoughtfully to both its natural features and surrounding context. The 8-acre site's topography is a defining characteristic, with a transition in grade from approximately 210' elevation along Old Field Road, sloping down to 195' elevation near the center of the site. This change in elevation offers opportunities to strategically place the building in a way that works with the land. By stepping the building with the topography, the design can reduce the need for extensive earthwork, improve accessibility, and create stronger connections between indoor and outdoor environments.

Environmental features along the western edge of the site, including a stream corridor, will require careful study and coordination. While the site has not experienced flooding to date, the potential presence of wetlands and floodplain areas warrant a proactive approach. Building placement and site design will be informed by detailed analysis to ensure appropriate setbacks, responsible floodplain management, and long-term resilience.

The surrounding context includes active golf and recreational uses to the south and west, along with Town ball fields to the north, all of which contribute to the character of the area. The site design will consider these adjacencies, maintaining appropriate buffers and preserving the visual and environmental quality of both the school and neighboring recreational landscapes.

Site circulation will be central to the success of the project, particularly given the proximity to Heritage Village and associated traffic volumes. The replacement school presents a clear opportunity to internalize circulation, bringing queuing, parent and bus drop-off, and service functions into the site. This approach will improve traffic flow, reduce impacts on surrounding roadways, and create a safer, more organized arrival and dismissal experience for students, staff, and families.

Infrastructure coordination will also be an important component of the project. The team will explore opportunities to connect to the existing sanitary line to the north in coordination with local authorities and utility agencies, confirming capacity and feasibility early in the process. In addition, the potential for nearby infrastructure improvements, including possible expansion of the bridge along Poverty Road, will be monitored for opportunities to alleviate traffic.

Throughout the feasibility study, multiple building placement options were explored to understand the range of possibilities across the site. This work will continue into the next phase, refining the balance between building location, site access, outdoor spaces, and environmental constraints. Equally important is the approach to construction. The project must ensure a clear and secure separation between the existing school and construction activities, allowing the current facility to remain operational without disruption to students and staff. This includes carefully planned phasing, protected access routes, and defined construction zones that prioritize safety at all times.

SECTION XI – Site Development

Ultimately, the goal is to create a well-organized, resilient site that responds to its topography and surroundings, supports efficient operations, and provides a safe and engaging environment for the school community.



**Vehicular Circulation**

Vehicular circulation will be enhanced by providing separate entry points for buses and parent drop-off, while the visitor parking area will feature security controls, an accessible walkway to the main entrance, and clear sight lines to the administrative suite in accordance with School Safety and Infrastructure Guidelines. A landscaped greenway between the two drives will support stormwater management and provide a safe pedestrian path to the building. The building perimeter will feature comprehensive landscaping, including new plantings, sidewalks, bike racks, benches, curbing, and other site amenities to complement the new construction.

Separate bus and parent drop-offs will be provided as well as separate entry plazas, sidewalks and support space for multiple entry and exit points from the building during arrival and dismissal. Access control for the drop off areas will be controlled with gates during the educational day and for community/parent events. If possible, the site design will allow for a parent drop-off/pickup loop, a bus drop-off/pickup loop, and staff parking that are all separate from each other, each with its own entrance and exit. Bus drop-off and pick-up location will be placed where the activity can be observed from the building administration offices or security offices. The site planning for the bus drop off and pick up area should accommodate 18 to 22 full size buses and 4 to 6 smaller buses and/or vans.

## SECTION XI – Site Development

Exterior lighting will be provided throughout the drive aisles, parking areas, and drop-off lanes. Additional ambient lighting will be provided via lighted bollards and landscape lighting along the front and/or sides of the building.

An emergency vehicle access loop around the building will be studied. For those areas unable to gain perimeter access, designated access areas will be provided for first responders.

### **Pre-Kindergarten Drop-Off**

A Pre-Kindergarten drop-off area shall be designed to provide a safe, efficient, and welcoming arrival experience for the school's youngest learners. This dedicated zone is separated from general student drop-off and bus traffic to minimize congestion and enhance safety. The layout prioritizes clear traffic patterns, allowing vehicles to enter, queue, and exit smoothly without interfering with other circulation routes.

An option for a covered curbside drop-off ensures protection from weather and allows for quick, supervised transitions from vehicle to building. The area is designed with enhanced visibility, incorporating clear sightlines for staff and caregivers, as well as appropriate signage and pavement markings to guide drivers. Safety features such as raised curbs, designated pedestrian pathways, and controlled access points help protect students during arrival times.

Direct access from the drop-off zone to the Pre-K classrooms minimizes travel distance within the building and supports ease of supervision. The space may also include designated short-term parking for families who need to accompany children inside. Overall, the design supports a calm, organized, and secure environment that reflects the developmental needs of Pre-K students while accommodating daily operational efficiency.

### **Parking**

Parking lots will be separated into various areas for access control. These areas will include faculty/staff parking, parent and visitor parking. Accessible spaces will be distributed throughout the campus proportional to entry areas and site amenities. Lastly, overflow parking will be handled via grass pave, or grade stabilization product, adjacent to the proposed athletic fields.

Parking will be provided for normal school day activities including required handicapped and visitor parking, and parking for special weekend or evening activities. In addition, entrance walkways are to be designed and constructed to allow safe passage around the building and from the parking lot into the building. Full compliance with applicable code requirements is required to provide proper access for handicapped students and visitors into the building from the sidewalks and parking lots.

### **Outdoor Classrooms & Project Areas**

Outdoor learning classrooms and project areas shall be thoughtfully designed extensions of the indoor educational environment, providing flexible, hands-on spaces that support experiential learning and student engagement. These areas shall be integrated into the overall site design and located in close proximity to classrooms to allow for easy access and supervision.

Outdoor classrooms may include defined gathering spaces with seating elements such as benches, seat walls, or natural features like logs and boulders. Shade structures or tree canopies help create comfortable environments for instruction in a variety of weather conditions. Durable writing surfaces, display boards, and access to power (where appropriate) support a wide range of teaching activities, from small group discussions to full-class instruction.

**SECTION XI – Site Development**

Project areas are designed to encourage exploration, creativity, and collaboration. These spaces may include gardens, sensory paths, nature-based play elements, and flexible open areas that can accommodate science experiments, art projects, and interdisciplinary learning. Features such as planting beds, water access, and storage for tools and materials further support hands-on activities tied to curriculum goals.

Safety and accessibility are key considerations, with clear pathways, appropriate surfacing, and defined boundaries to ensure all students can participate comfortably. The design also incorporates opportunities for environmental education, allowing students to interact with natural systems and develop a deeper understanding of sustainability.

Overall, outdoor learning classrooms and project areas provide dynamic, adaptable environments that enrich the educational experience by connecting students to nature while supporting a variety of teaching styles and learning modalities.

**Outdoor Athletic Areas**

The outdoor athletic areas for the school shall be designed to support a wide range of physical activities, promote healthy development, and encourage inclusive play for students of all ages and abilities. These spaces are typically organized into distinct yet flexible zones that accommodate both structured physical education and unstructured recess.

A primary component is the multipurpose playfield, which provides open space for activities such as soccer, kickball, and other group games. These fields are often designed with durable turf or natural grass and may include age-appropriate field markings. Surrounding the playfield, a walking or jogging track can support fitness activities, warm-ups, and informal exercise.

Hard-surfaced courts are another key feature, offering space for basketball, volleyball, and other recreational games (four-square, hopscotch, and geographical maps/puzzles). These areas are designed with durable materials and clear striping to allow for multiple uses, maximizing flexibility throughout the school day.

Playgrounds are typically integrated within the athletic areas and may include climbing structures, slides, swings, and balance elements tailored to different age groups, in this case, ideally three age appropriate areas – Pre-Kindergarten, Early Elementary, and Intermediate Elementary with age appropriate playscapes, surfacing, fencing, and related improvements. Separate play zones for younger and older students help ensure safety and age-appropriate challenges. Nature-based play features, such as logs, boulders, and small hills, can also be incorporated to encourage imaginative and active play.

Additional elements may include fitness stations, such as balance beams or agility equipment, which support physical development and can be used as part of structured programs or free play. Open paved areas can accommodate games like four square or hopscotch, while also serving as flexible space for group activities.

Safety and supervision are central to the design, with clear sightlines, appropriate spacing between activity zones, and resilient surfacing in high-impact areas. Accessibility is also prioritized to ensure all students can participate. Seating areas for staff and students, as well as shaded zones for rest and hydration, are often included to support comfort and usability.



**SECTION XI – Site Development**

Overall, outdoor athletic areas are designed to be versatile, engaging, and developmentally appropriate, providing students with opportunities to build physical skills, socialize, and enjoy active play in a safe and supportive environment.

**General Service and Cafeteria Deliveries**

A loading dock area for the safe and efficient delivery of school supplies and equipment as well as food products for the cafeteria will be provided. A well-illuminated receiving area for the school is to be included with card and camera security systems including an elevated loading dock for easy delivery to the site.

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CONSTRUCTION GRANT  
BONUS REQUESTS **XII**



**SECTION XII – Constuction Grant Bonus Requests**

**State Reimbursement & Special Legislation**

The district intends to pursue all available avenues to maximize state grant reimbursement. This may include special legislation for exemptions from state standard space specifications, bonus incentives for early childhood and special education programs, and/or increased reimbursement rate.

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COMMUNITY USES **XIII**

### SECTION XIII – Community Uses

Typical of many communities, this proposed school will become the home for multiple community uses. As such, the building shall be designed to facilitate activities before and after school hours throughout the year. Separation of areas, building systems, access control points, and support facilities (toilets, mechanical rooms, electrical panels, etc.) shall be integrated into the design so as to not affect the primary educational use of the facility.

Examples of community uses anticipated for this facility may include but not be limited to:

- **Before and After School Child Care** – school buildings may offer these programs as a safe and monitored environment for hands-on activities, academic support, and social interaction, allowing parents flexibility during the workday.
- **Summer Camps & Enrichment Programs** – both educational and community related.
- **Summer School** – limited to specific areas of the school.
- **Parks & Recreation, Youth Club Programs** – utilization of the building, gym, fields, and other amenities for sports programs, community events, or meetings.
- **Town Meetings** – public presentations, community board meetings.
- **PTO Meetings and Events** – including use of media center, gymnasium, cafeteria/kitchen for regular meetings, fundraising events, school-wide sponsored events and outreach programs.
- **Voting** – anticipated within the gymnasium area.
- **Temporary Warming Shelter** – during catastrophic community events for those in need, planned for the gymnasium, locker rooms, kitchen and cafeteria area.
- **Community Recreation** – Physical education activities and programs (i.e. recreational leagues, yoga classes, dance instruction, etc.) in the gymnasium and outdoor field areas or courts.
- **Nature & Play** – access to play areas, playscapes, walking paths, or gardens after hours and during the weekends.
- **Community Arts Programs** – both visual and performing arts – located within the available amenity spaces.

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FURNITURE, FIXTURES &  
SPECIALIZED EQUIPMENT **XIV**

## SECTION XIV – Furniture, Fixtures & Specialized Equipment

Furnishings, fixtures and equipment (FF&E) will be integrated into the building design and layout during the initial stages of design. The description of the specific furnishings, fixtures and equipment can also be found in **Section IX, Detailed Description** of each space, and in **Section X, Building Systems**, for references to technology equipment that will be integrated throughout the building. Generally, new FF&E items are to promote flexible learning and teaching configurations and an active learning environment. In general products will be selected to promote and support flexible educational environments, durability, and ease of use. The furniture will also support various age levels, promote comfort, and allow for a variety of arrangements to enhance collaboration.

### Generally, instructional spaces are to be furnished with:

- Chairs, with and without casters depending upon room use and final material selections.
- Student desks/work surfaces – adjustable heights, mobile and flexible to allow for a variety of room arrangements, with charging capabilities built-in where possible.
- Adjustable height worktable/activity work surfaces.
- Mobile teacher workstation, workstation cart, and chair.
- Tack, whiteboards and interactive boards with LED monitors (with integrated technology).
- Sound amplification system with podcast/video recording.
- Window treatments for room darkening – inclusive of motorized shades, blackout shades, and window film treatments.
- Metal file and storage cabinets.
- Casework, cabinets and accessible sink with water fountain.
- Water fountains with integrated bottle filler stations.
- Storage for student belongings – the district is still evaluating the benefits of potential options. Student lockers may be placed outside classrooms in locations that are easily accessible while ensuring they do not disrupt hallway traffic. Alternatively, storage compartments may be incorporated within classrooms. A combination of both solutions may also be implemented, depending on grade level needs and configuration.
- Technology equipment, charging carts or current technology, and lockable storage.

### Other items:

- Office areas (faculty, staff and admin.) – systems furniture, modular with integrated file storage.
- Storage rooms shall be furnished with appropriate shelving and if it is used as a workroom, worktable and seating.
- Lockable storage cabinets for custodial equipment, inclusive of flammable cabinet storage.
- Indoor/outdoor recreation equipment.
- Indoor/outdoor presentation equipment and furnishings.
- Final list of FF&E equipment to be developed with BOE representatives and educators prior to completing project documentation.

### Specialized Equipment:

- Automated, operable folding partition walls with acoustic rating
- Aluminum framed folding glass wall with acoustic rating
- Specialty systems and equipment for audio, visual, lighting, mechanical needs in the Flexible Performance Space.

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LIST OF EDUCATIONAL  
SPACES

XV



**SECTION XV – List of Educational Spaces**

<b>PROPOSED PROGRAM - NEW PES/GES (504P)</b>			
<b>Grade Configuration:</b>	PK-5		
<b>Projected Enrollment:</b>	504		
<b>Revision Date:</b>	4/29/2026		
<b>GENERAL ACADEMIC CLASSROOMS</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Pre-Kindergarten Classrooms w/Toilet (50 sf)	3	1150	3,450
Kindergarten Classrooms w/ Toilet (50 sf)	5	1150	5,750
Grades 1-2 Classrooms	9	850	7,650
Grades 3-5 Classrooms	13	850	11,050
<b>Subtotal</b>	<b>30</b>		<b>27,900</b>
Curriculum Storage	3	100	300
PK - Speech Pathologist (Break Out)	1	250	250
Math Intervention (Break Out)	3	325	975
Reading Intervention (Break Out)	3	325	975
SERT/Resource Room	3	500	1,500
Flexible Break Out Room	3	125	375
Small Group/Sensory	3	125	375
Teacher Prof. Dev./Work/Prep Room	3	350	1,050
Toilet Room	3	50	150
<b>GENERAL ACADEMIC CLASSROOMS</b>	<b>55</b>		<b>33,850</b>
<b>SPECIAL EDUCATION</b> <i>(see also General Academic)</i>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Learning Center Classroom	1	900	900
Learning Center Toilet & Changing Area	1	125	125
Learning Center Kitchen	1	150	150
Flex. Classroom	1	850	850
Speech/Language Break Out	2	250	500
OT/PT	1	650	650
Work Room & Support Storage	1	250	250
<b>SPECIAL EDUCATION</b> <i>(see also General Academic)</i>	<b>8</b>		<b>3,425</b>
<b>STUDENT SUPPORT SERVICES</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
General Office & Waiting Area	1	450	450
Principal's Office	1	150	150
Assistant Principal's Office	1	125	125
Social Worker (or similar) Office	1	100	100

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION XV – List of Educational Spaces**

School Counselor (or similar) Office	1	100	100
Psychologist (or similar) Office	1	100	100
Academic Coaches Offices (adj. to meeting rm.)	4	100	400
Academic Coaches Meeting Room	2	400	800
Student Support Services Conference Room	1	250	250
Conference Room	1	350	350
Office Workroom	1	125	125
Storage Room	1	100	100
Student Support Services Restrooms	2	60	120
Security Office	1	100	100
<b>STUDENT SUPPORT SERVICES</b>	<b>19</b>		<b>3,270</b>
<b>STUDENT HEALTH</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Nurse Office	1	150	150
Waiting/Cots/Main Room	1	500	500
Exam/Multi-Purpose Room	1	120	120
Storage Closet	1	100	100
Toilet Room	2	60	120
<b>STUDENT HEALTH</b>	<b>6</b>		<b>990</b>
<b>VISUAL AND PERFORMING ARTS</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Art Studio	1	1200	1,200
Kiln Room	1	80	80
Art Storage	1	125	125
General Music / Choral Classroom	1	1000	1,000
General Music / Choral Storage	1	200	200
Band / Instrumental Music Classroom	1	1400	1,400
Band / Instrumental Music Storage	1	200	200
Flexible Performance Space/Multi-purpose	1	2150	2,150
Stage / Storage	1	900	900
<b>VISUAL AND PERFORMING ARTS</b>	<b>9</b>		<b>7,255</b>
<b>LEARNING COMMONS</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Media Specialist Office	1	125	125
Media Specialist Storage / Work Room	1	200	200
Reading Room/Stack/Meeting Area	1	1764	1,764
Multi-media production room	1	650	650
Production/Sound control room	1	125	125

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION XV – List of Educational Spaces**

Maker / Fabrication Center (Build & Design)	1	850	850
Breakout work areas/small group/proj. based	2	150	300
MDF / IT Infrastructure Room	1	200	200
<b>LEARNING COMMONS</b>	<b>9</b>		<b>4,214</b>

<b>WELLNESS / PHYSICAL EDUCATION</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Gymnasium (2 teaching spaces)	1	6000	6,000
Gymnasium Storage	1	250	250
Toilet Room	2	200	400
Multi-Purpose /Auxiliary Gym (1 teaching space)	1	1750	1,750
Multi-Purpose /Auxiliary Gym Storage	1	250	250
Office	1	125	125
<b>WELLNESS / PHYSICAL EDUCATION</b>	<b>7</b>		<b>8,775</b>

<b>CAFETERIA / FOOD SERVICE</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
Cafeteria - Lower/Upper School Dining Areas	1	2,940	2,940
Toilet Room	2	200	400
Kitchen/Servery	1	1,650	1,650
Dry Storage	1	200	200
Walk-in Cooler	1	175	175
Walk-in Freezer	1	200	200
Locker Room	1	80	80
Office (Shared Workstations)	1	100	100
Custodial Closet (Kitchen)	1	50	50
Toilet Room (Kitchen)	1	60	60
Chair/Table Storage	1	125	125
Support Pantry / Serving Area	1	125	125
Teacher Dining / Small Break Out Dining Area	1	500	500
<b>CAFETERIA / FOOD SERVICE</b>	<b>14</b>		<b>6,605</b>

<b>BUILDING SERVICES</b>	<b>QTY</b>	<b>UNIT SF</b>	<b>TOTAL SF</b>
General / Instructional Storage	1	325	325
Toilet Room (Boys/Men)	3	250	750
Toilet Room (Girls/Women)	3	250	750
Single-User Toilet Room	5	50	250
Custodial Closet	3	60	180
Custodial Office	1	150	150
Custodial / Maintenance Storage	1	350	350

**EDUCATIONAL SPECIFICATIONS**

*Pomperaug Regional School District 15, New Gainfield PK-5 Elementary School*



**SECTION XV – List of Educational Spaces**

Custodial Toilet Room	1	50	50
Mechanical Room	1	500	500
Electrical Room(s)	3	100	300
Domestic Water / Fire Suppression	1	250	250
IDF Room	2	80	160
Deliveries / Loading	1	450	450
Outdoor Storage (P.E., Recess, Facilities)	1	300	300
<b>BUILDING SERVICES</b>	<b>27</b>		<b>4,765</b>

<b>PROGRAM AREAS</b>	<b>#/ROOMS</b>		<b>TOTAL SF</b>
<b>GENERAL ACADEMIC CLASSROOMS</b>	<b>55</b>		<b>33,850</b>
<b>SPECIAL EDUCATION (see also General Academic)</b>	<b>8</b>		<b>3,425</b>
<b>STUDENT SUPPORT SERVICES</b>	<b>19</b>		<b>3,270</b>
<b>STUDENT HEALTH</b>	<b>6</b>		<b>990</b>
<b>VISUAL AND PERFORMING ARTS</b>	<b>9</b>		<b>7,255</b>
<b>LEARNING COMMONS</b>	<b>9</b>		<b>4,214</b>
<b>WELLNESS / PHYSICAL EDUCATION</b>	<b>7</b>		<b>8,775</b>
<b>CAFETERIA / FOOD SERVICE</b>	<b>14</b>		<b>6,605</b>
<b>BUILDING SERVICES</b>	<b>27</b>		<b>4,765</b>
<b>Net Program Total</b>			<b>73,149</b>
<b>Grossing Factor</b> (interior wall thickness, stairs, corridors)	<b>73,149</b>	<b>0.3</b>	<b>21,945</b>
<b>Proposed Building Area</b> (inside face of exterior wall)			<b>95,094</b>

**Space Waiver**

The district has respectfully requested a space waiver in accordance with the requirements of the Connecticut Office of Grants Administration to accommodate programmatic elements that are essential to the delivery of a comprehensive and equitable educational program. The requested additional square footage is directly aligned with current educational standards, student needs, and best practices in school design.

The proposed facility includes expanded areas dedicated to student support services, which are critical to addressing the academic, social, emotional, and behavioral needs of the student population. These spaces support services such as self-contained classrooms for students requiring special needs, support spaces thereto, related school counseling, psychological services, social work, and specialized interventions. In alignment with guidance from the Connecticut Department of Education, the district has prioritized environments that provide appropriate confidentiality, flexibility, and accessibility for both individual and small group support. The increasing demand for these services necessitates dedicated, properly designed spaces that cannot be accommodated within standard classroom allocations.



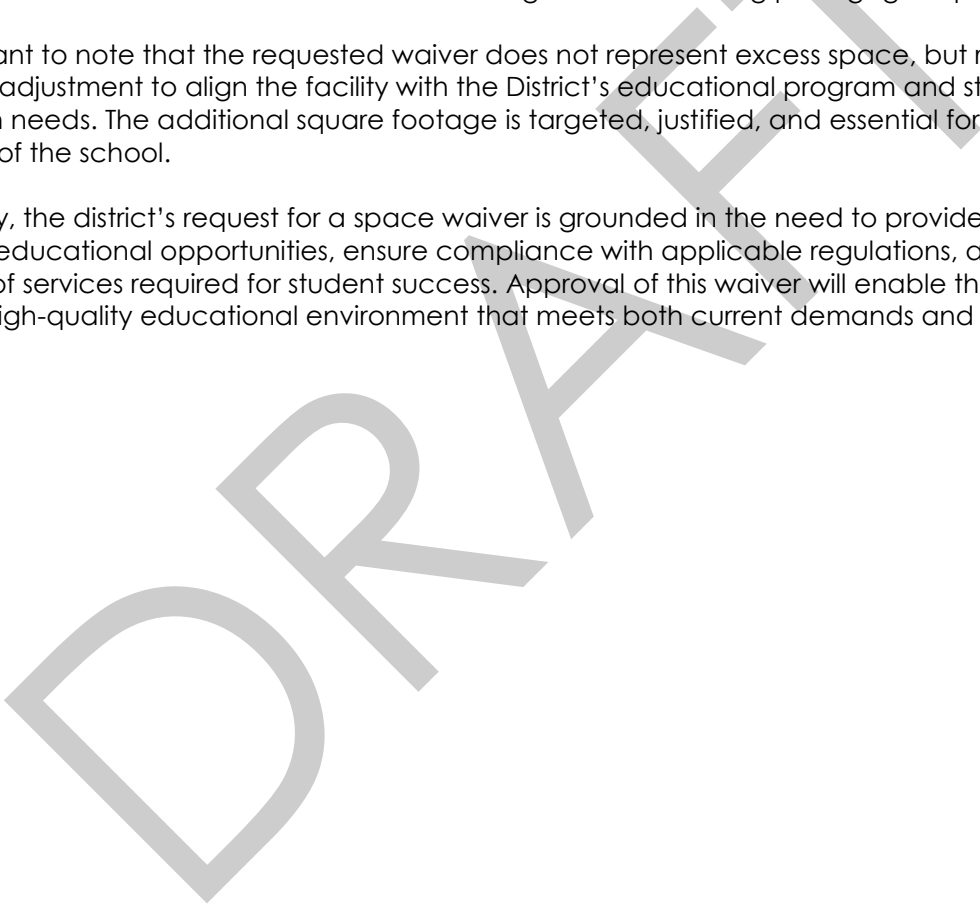
**SECTION XV – List of Educational Spaces**

Additionally, the project includes specialized instructional spaces to support special education and targeted intervention programs. These spaces are required to meet the mandates of individualized education programs (IEPs) and to ensure compliance with state and federal requirements. The design of these environments reflects the need for differentiated instruction, sensory-sensitive settings, and adaptable learning areas that support a wide range of student abilities and learning profiles.

The district's educational specifications also incorporate unique and innovative programming elements that extend beyond traditional classroom models. These include flexible, project-based learning environments and collaborative instructional areas that support interdisciplinary teaching and learning. Such spaces are integral to the district's commitment to preparing students with critical 21st-century skills, including problem-solving, collaboration, and adaptability. These programmatic priorities are consistent with statewide educational goals and evolving pedagogical practices.

It is important to note that the requested waiver does not represent excess space, but rather a necessary adjustment to align the facility with the District's educational program and student population needs. The additional square footage is targeted, justified, and essential for the effective operation of the school.

In summary, the district's request for a space waiver is grounded in the need to provide equitable access to educational opportunities, ensure compliance with applicable regulations, and support the full range of services required for student success. Approval of this waiver will enable the district to deliver a high-quality educational environment that meets both current demands and future needs.





Demographics & Enrollment Report ..... A.1  
Committee Presentations..... A.2  
Think Tanks..... A.3  
Community Conversations..... A.4  
Programming Detail & Meeting Notes ..... A.5  
Community Survey Results ..... A.6

APPENDIX **A**