Newington Public Schools

Newington, Connecticut

DRAFT

ELEMENTARY EDUCATIONAL SPECIFICATIONS

for Anna Reynolds Elementary School

Preliminary Educational Specifications document approved by the Newington Board of Education on January 15, 2020
Revised Educational Specifications document anticipated approval by the Newington Board of Education on June 8, 2020

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TABLE OF CONTENTS

I. INTRODUCTION

On January 20, 2020, the Town of Newington was approached by Dr. Maureen Brummett, Superintendent of Schools, on behalf of the Newington Board of Education, to work with the town to secure the renovations and school improvements to Anna Reynolds Elementary School. In 2005, the Town of Newington completed renovations to two of their four elementary schools in town (Ruth Chaffee and Elizabeth Green) and the intent is to now provide for these similar improvements to the Anna Reynolds Elementary School. Among other initiatives, the plans have typically called for the development of a long-range elementary facilities plan that promotes a safe, engaging learning environment that is accessible to all students and community members. The original Education Specifications for Anna Reynolds Elementary School, approved in 2016 by the Newington Board of Education, are being updated to reflect changes to the program since that time. In May of 2019, the Newington Town Council authorized the formation of a Building Committee for this potential project. A more recent Educational Specification document was submitted to and approved by the Board of Education at their January 15, 2020 meeting. The following enclosed amended documentation has been compiled to present a more detailed package for subsequent presentation to the State of Connecticut for review and anticipated approval.

To initiate planning for the renovation work at the Anna Reynolds Elementary School, the Newington Board of Education engaged the services of Colliers Project Leaders in April to assist with the creation of these educational specifications and the subsequent submission of the required documentation for this potential project to the State OSCG&R office.

Student enrollment projections have been provided by NESDEC for the Anna Reynolds Elementary School. The current projections, not including the anticipated "Open Choice" students, reflects a high of 443 students for the combined Pre-K thru 4 classrooms.

II. PROJECT RATIONALE

The Town of Newington Public Schools currently has four elementary buildings. These buildings range in age from 48 to 66 years old. The Anna Reynolds Elementary School was originally constructed in 1954, with subsequent additions made to the school in 1994 and again in 1999. Similar to the previous renovations at the Ruth Chaffee and Elizabeth Green Elementary Schools, the intent is that the Anna Reynolds Elementary School be addressed with similar improvements in order to meet the long term needs of this facility. Significant improvements are needed to the outdated mechanical infrastructure (heating, plumbing, electrical, and lack of air conditioning), traffic flow management and parking limitations, hazardous materials abatement, ventilation needs, roof remediation, and the general exterior condition of the building facades.

It is the intent of this project that at a minimum the following issues be addressed:

- School security (Exterior and interior improvements-i.e. bollards, man trap, etc. as per the School Safety Infrastructure Council (SSIC) guidelines)
- Handicapped accessibility
- Code compliance requirements
- Air quality improvements
- General improvements to the building mechanical, plumbing and electrical systems
- Replacement of outdated roofing system and building envelope
- Site improvements for student school bus drop off and pick up
- Incorporation of Pre-K and Open Choice programs
- Technology equipment and improvements
- Conversion of specific areas to better accommodate the needs of the school
- Reallocate areas for sufficient and proper storage
- Improve sustainability

III. THE PROJECT

Objective: To ensure all Newington children are able to attend a school that is safe, upgraded and compliant with current building codes and able to support their educational program; to facilitate the distribution of the regional population amongst the four town elementary schools and improve the school building to support programs that meet the needs of Newington students, their families, and the community.

The following project specifications for the proposed modifications to the Anna Reynolds Elementary School have been developed by the Town of Newington Superintendent, Maureen Brummett, and the Anna Reynolds Elementary School Principal, Jason Smith.

IV. CAPACITY DATA

As of September 13, 2019, Anna Reynolds Elementary School houses 410 students in grades K – 4, including an Early Childhood Center program. Following the completion of the intended modifications to the school, the facility is projected to serve a total of 443, plus at least an additional 10 Open Choice students in grades Pre-K - 4. The projected enrollment increase includes the implementation of a Pre-K program consisting of four half day sessions and the introduction of the Open Choice program students to the school.

V. OVERVIEW OF PROGRAMS

GENERAL EDUCATION

The features of elementary classrooms that have been considered when housing our groups of school children for instructional purposes can be divided into three (3) classifications: (1) Early Childhood – Pre-K and Full-Day Kindergarten; (2) Early Elementary - grades one and two; and (3) Intermediate - grades three and four. Currently, Anna Reynolds is the only school within the district with no Open Choice students. Upon completion of this project, the enrollment of at least ten (10) additional Open Choice students is anticipated. The classroom needs of all elementary children requires flexibility of space, portability of furniture and acoustical treatment of environment. This continues to be accommodated while still providing low height furnishings and more space for group instruction that ranges from total class involvement to three or four separate groups doing different activities at the same time. Space is also provided for students to read, write, research, and study for either individual or small group projects. The learning environment also accommodates space for multiple adults (specialists) who work with students within the general classroom environment. All instructional classrooms provide storage space for items such as classroom libraries, textbooks, reference materials, supplemental books, supplies, science equipment, charts, globes, computers, calculators and audio-visual equipment.

The outside play areas for the early elementary and intermediate levels will continue to be extensive and varied to accommodate activities that range from the minimal space demands to larger areas needed to play soccer, kickball, basketball, etc. The play areas for grades K-4 will be away from instructional spaces, as currently designed. The Pre-K play area space will remain within the existing courtyard and relatively accessible to these classrooms, however renovations to this area are anticipated to address the outdated design and conditions of the current space.

Our General Education program includes curriculum focused on Art, Music, Media and Technology, and Wellness, in addition to the basic curriculum of Literacy, Science, Social Studies and Social/Emotional instruction. Support Services include Technology Support integrated throughout the learning environments. Facilities for these areas are specific to each program's purpose yet allow for flexibility of space as with the K-4 classrooms. As the K-4 program requires that students travel to these various program areas periodically during the day, consideration has been given to the student traffic that will result from this academic arrangement. Due to the existing floor plan and layout of the school, all efforts have been made to help facilitate the access to these common use areas however the current school does not contain an elevator to easily access the gymnasium quadrant of the school. This project will introduce a new elevator to assist with access to the lower gymnasium level to help mitigate the circuitous route presently required to reach the gymnasium by a handicapped child.

A platform off the cafeteria space currently serves as a stage area for school assemblies, performances and other events. This is presently located adjacent to the main entry lobby yet is currently not handicapped accessible so part of the new modifications will provide either ramp access or a lift to meet code. Potentially, an electronically controlled

acoustical wall may be designed at the proscenium to allow the space to be used for a variety of small group activities, General Music class sessions, etc, on the platform while the cafeteria is potentially in use. Furthermore, the introduction of new sensory paths within the school hallways is anticipated in order to provide an additional stimulus to the students overall learning experience.

SPECIAL EDUCATION AND PUPIL SERVICES

Special Education and Pupil Services programs include:

- Early Childhood: Pre-K and Early Childhood Center (Preschool) classrooms.
- Early Elementary and Intermediate: Special Education Resource, Occupational/Physical Therapy (OT/PT) Services, and Related Services (Social Work, Psychologist, Reading, and Speech/Language Pathologist).

Classrooms for special education/related service teachers are intended to accommodate small group instruction and assessment. They are currently sufficient in size to accommodate children who require specialized equipment. Rooms are used for individual testing, confidential meetings with parents and/or students, individual and small group instruction and counseling, and staff conferences.

SUPPORT SERVICES

MEDIA CENTER

The current Library Media Center of the Anna Reynolds Elementary School is a multi-purpose room. It is bright, colorful, attractive, warm and inviting. The media center was designed with the student's safety in mind. It contains freestanding 4 ft. high, double-faced shelving allowing one (1) adult to see the entire area. The area is spacious and houses an appropriate print and media collection. There is ample room to allow multiple classrooms to use this resource on an independent basis. The room is divided so that most of the space is used as the public area, however several other spaces (Computer and Media Classrooms, a small story corner) are present for use. The Library Media Center is also often used for staff meetings, professional development workshops and PTO meetings.

TECHNOLOGY

Within our present-day educational system, a contemporary elementary school must be able to provide varied uses of technology. In particular, the school's current infrastructure reflects some of the more recent upgrades in wiring and cabling, which helps to support our current technology applications as well as future requirements. Internet access is readily available throughout the school. Computers support the full range of educational and operational functions in the school. To that end, it is recommended to invest in enough touchscreen Chromebooks (Pre-K-1) for all students to assist with this objective and, in turn, complement the existing Computer Classroom. Wiring for all classrooms includes network drops and multiple electrical outlets.

All Classroom wiring should include the following:

- (2) Ethernet to instructional display with interactivity features
- (2) Ethernet to access point in ceiling
- (1) Ethernet to classroom telephone
- (1) additional Ethernet for growth/printer, etc.
- Audio speakers/system in ceiling for instructional display

Interactive Display should include in-wall telecommunications box capable of housing components alongside electrical and data terminations necessary to provide wireless and audio connectivity, projection, and interactivity.

Each classroom space shall contain docking stations sufficient in size to charge the respective quantity of units associated with that room.

VI. CLASSROOM SPECIFICATIONS

Unless otherwise noted, the standard furnishings for every classroom noted below will include the following:

- Room darkening shades
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support devices
- Multiple electric outlets
- Sound Field System
- Docking stations
- Telephone
- Network-based IP Paging, Alerting & School Bell System

GENERAL EDUCATION PROGRAMS

EARLY CHILDHOOD: FULL-DAY KINDERGARTEN

SPACE: Existing. Varies between 1,000 and 1,075 square feet (each) (includes 50 s.f. in-class toilet room)

NUMBER: Four (4) classrooms

Toilet	• Toilet room with sink within classroom at a level appropriate for children ages 4-6
Sinks	• Stainless steel sink with laminate countertops • In-room drinking fountain • Soap and towel dispenser
Classroom Storage	• Built-in bookcases • Built-in storage for student devices • Storage areas • Counters under windows
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Student Storage	• Coat and personal storage area for students located within the classroom
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Multiple Bulletin Boards
Student Furniture	• Two (2) round-shaped tables • Student chairs/tables to accommodate class size (flexible/adaptable work stations)
Teacher Furniture	• Teacher desk/chair
Other Furniture	• n/a
Special Needs/Equipment	• n/a
Classroom Technology-each room	• Sound field • Document Camera • Interactive Display (adjustable heights) • Two (2) docking stations • A/V Switcher Control System
Computers (each)	• Sufficient number of touchscreen Chromebooks

EARLY ELEMENTARY – GRADES ONE AND TWO

SPACE: Existing. Varies between 795 and 810 square feet (each classroom)

NUMBER: Nine (9) classrooms

Toilet	• Toilet facilities located in close proximity to classrooms at a level appropriate for children ages 6-8
Sinks	• Stainless steel sink with laminate counters • Soap and towel dispenser
Classroom Storage	• Built-in bookcases • Built-in storage for student devices • Storage areas • Counter space for display
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Student Storage	• Coat and personal storage areas are located within the classroom for students
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Boards
Student Furniture	• Student chairs and tables to accommodate class size
Teacher Furniture	• Teacher desk/chair
Other Furniture	• n/a
Special Needs/Equipment	• n/a
Classroom Technology	• Sound field • Document Camera • Interactive Displays • Two (2) docking stations • AV Switcher Control System
Computers	• Grade 1: Sufficient number of touchscreen Chromebooks

INTERMEDIATE – GRADES THREE AND FOUR

SPACE: Existing. Varies between 770 and 810 square feet (each)

NUMBER: Nine (9) classrooms

Toilet	• Toilet facilities located in close proximity to classrooms
Sinks	• Stainless steel sink with laminate counter • Soap and towel dispenser
Classroom Storage	• Built-in bookcases • Built-in charging stations • Storage areas • Counter space for display
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet

INTERMEDIATE – GRADES THREE AND FOUR	
Student Storage	• Coat and personal storage areas are located in the corridors for up to twenty (20) students per classroom (one (non-locking) locker per student; single stacked)
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Multiple Bulletin Boards
Student Furniture	• Student chairs and tables to accommodate class size and flexible seating
Teacher Furniture	• Teacher desk/chair
Other Furniture	• n/a
Special Needs/Equipment	• n/a
Classroom Technology	• Sound field • Document Camera • Interactive Displays • Two (2) docking stations • AV Switcher Control System
Computers	• n/a

ART ROOM	
SPACE: Existing. 1,050 square feet (includes 80 s.f. kiln room and storage areas in classroom)	
Toilet	• n/a
Sinks	• Dedicated cleaning sink and an additional deep sink with clay traps in addition to one (1) student accessible sink all within the same general location (reachable height for primary students) • Paint-resistant countertops • In-room drinking fountain (away from cleaning sink)
Access	• In the academic wing, easily accessible to the intermediate classes
Classroom Storage	• Lockable closets • Easily accessible cabinets and shelves • Draftsman paper drawers to store art prints • Vertical file tub-storage cabinets • One (1) kitchen-type mobile carts with shelves
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Student Storage	• Space to store student work in progress
Lighting	• East facing classroom
Flooring	• Vinyl enhanced tile
Display	• Whiteboards • Multiple Bulletin Boards • Lockable display cases in hallways
Student Furniture	• Chairs and tables to accommodate each class size
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Group work tables (rectangular)
Special Needs/Equipment	• One (1) small kiln (appropriately located and sized) • Drying racks • Book racks and magazine shelves (fine arts area) • Four (4) sturdy wooden adjustable painting easels • One (1) large rolling waste barrel

ART ROOM	
Classroom Technology	• Interactive Display • AV Switcher Control System
Computers (each)	• Full color printer

MUSIC (GENERAL AND INSTRUMENTAL)	
SPACES:	670 square feet for General Music (at Platform Stage) Existing. 1,140 square feet for Instrumental Music (including instrument storage)
NUMBER:	One (1) area for General Music (Platform Stage), and one (1) room for Instrumental Lessons
Toilet	• n/a
Sinks	• Small sink/fountain area in Instrumental Music room
Access	room close to Grades 3-4 classrooms room ideally located near bus entrance for easy drop off/pick up of instruments-?
Classroom Storage	• Music cabinets for sheet music storage (each room) • Built-in bookcase • Storage for instruments in general music and instrumental classrooms
Teacher Storage	• Lockable teacher storage wardrobe in each space • One (1) lockable four-drawer filing cabinet
Student Storage	• Built-in lockable storage for instruments (low built-in cubbies at instrumental music room entrance)
Lighting	• Soft color, dimmable lighting
Flooring	• Carpet
Display	• Two 8 ft. whiteboards, one with permanent musical staff lines (each room)
Student Furniture	• Sufficient number of stackable chairs for each space
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Thirty (30) music stands for instrumental room • One (1) conductor's stand • Large Move and Store cart for music stands
Special Accommodations	• Sound deadening/sound proof walls • Acoustical divider built between platform and cafetorium • Instrumental lessons and large group ensembles require 48" of space per student
Classroom Technology	• Sound field • Document Camera • Interactive Displays • Two (2) docking stations • AV Switcher Control System
Computers (each)	• n/a

WELLNESS EDUCATION

| **SPACES**: | Gymnasium: | Existing. 3,840 square feet |
| | Storage: | 270 square feet For equipment storage) |

Toilet	• n/a
Sinks	• Recessed drinking fountain located inside gymnasium
Access	• Capacity to hold entire student body, staff and faculty • Convenient access to ball fields
Storage	• Storage area will have direct access from the interior of the gymnasium. • Built in shelving units within storage area
Lighting	• Lighting with safety cages or equivalent
Flooring	• Synthetic rubberized surface • Protective matting
Special Accommodations	• Sound deadening/sound proof walls • Clerestory windows • High ceiling, the lowest features should be a minimum of 22 ft. from the floor • Wall matting around entire perimeter, from height of wall base to 6'0" minimum above finish floor • Two (2) main adjustable baskets for basketball • Two (2) additional adjustable side baskets for basketball • Volleyball post recessed floor sleeves • Chinning bars • Horizontal bar • Divider curtain • One wall area designated for climbing, wall mounted equipment • Scoreboard • Movable cart for storage/equipment • Two (2) AED with audible alarm box will be installed, one (1) in the public access hallway outside nurse's office, and one (1) outside the gymnasium • Cargo net, rock wall and climbing ropes (existing to remain)
Classroom Technology	• Sound system • Two (2) Portable Smart Boards • Cart with projector/retractable screen for classroom instruction • One (1) docking station

LIBRARY MEDIA CENTER	
SPACE: Existing. 2,850 square feet (includes 570 s.f. Media Classroom, 100 s.f. Media Office and 100 s.f. Work Room)	
Sinks	• Sink in Media Center work room
Access	• Conveniently located in the school • Indirect access to outdoor garden area is desirable
Storage	• Audio-visual storage cabinets • Over-size vertical filing cabinet • Storage for teacher resources and professional development materials
Teacher Storage	• One (1) lockable four-drawer filing cabinet
Lighting	• Remote control room darkening blinds
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Boards • Well-placed and secure space for displays and promotional materials • Monitor at hallway wall with connection to Technology Classroom to display student work
Student Furniture	• Tables and chairs with sleigh legs; easy to reconfigure • Computer furniture/workstations for three (3) student computers
Teacher Furniture	• Two (2) teacher desks/chairs
Other Furniture	• 48-inch movable free standing, double-faced shelving for student print materials • Two (2) adult visitors chairs • Comfortable lounge style seating – adult and student
Space Considerations	• Circulation desk at appropriate height for primary students • Small tiered story corner • Student production space • Area for independent study (for up to approximately 20 students) • Informal seating or an informal area with comfortable chairs • A stack area to accommodate student print materials
Classroom Technology	• Sound field • Document Camera • Interactive Display • Two (2) Docking Stations • AV Switcher Control System • Sufficient outlets to support all technology
Computers (each)	• n/a

INSTRUCTIONAL COACH/LITERCY COACH

SPACE: Two (2) 150 square feet offices and One (1) 200 square feet space for resources (current existing spaces in the Media Center)

Access	• Conveniently located near the Media Center and Book Room spaces
Storage	• Storage for teacher resources and professional development materials • Multiple book cases
Teacher Storage	• Multiple lockable four-drawer filing cabinet
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile
Display	• Whiteboard • Bulletin Boards
Teacher Furniture	• Two (2) teacher desks/chairs • Tables and chairs
Other Furniture	• Four (4) adult visitor chairs • Comfortable lounge style seating – student
Office Technology	• Interactive Display • Docking Station

BOOK ROOM /COPIER SPACE/STUDENT WORK SPACE

SPACE: Existing. 650 square feet space (in existing space off of the media center) with zen space/student work space (room broken up by dividers)

Access	• Conveniently located for staff to access • Preferable location near the media center and coach's offices
Storage	• Wall cabinets • Closets • Multiple shelving units for student book storage
Teacher Storage	• Multiple lockable four-drawer filing cabinet
Lighting	• Soft color, indirect, dimmable lighting
Flooring	• Vinyl enhanced tile
Display	• Whiteboard • Bulletin Boards
Teacher Furniture	• Tables and chairs
Other Furniture	• Student chair/flexible seating
Office Technology	• Document Camera • AV Switcher Control System • Poster Printer • Laminator • Color Copier • Black and White copier

ZEN/STUDENT WORK SPACE	
SPACE: Three (3) 100 square ft spaces (one per hallway) located within Resource Rooms with dividing walls from remainder of room	
Access	• One per main hallways; preferable within Resource Rooms
Lighting	• Soft color, indirect, dimmable lighting • (Calming color paint)
Flooring	• Vinyl enhanced tile
Other Furniture	• Student chair/flexible seating • Bean Bag chairs • Pillows • Sensory wall • High shelving

TECHNOLOGY CLASSROOM	
SPACE: 800 square feet	
Sinks	• Stainless steel sink with laminate counters • Soap and towel dispenser
Access	• Close proximity to the Media Center • Monitor
Storage	• Built-in bookcases • Built-in lockable storage for student devices • Storage areas • Storage for teacher resources
Teacher Storage	• One (1) lockable four-drawer filing cabinet • Lockable teacher storage wardrobe
Lighting	• Soft color, indirect, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs • Robotics mats
Display	• Whiteboard • Bulletin Boards
Student Furniture	• Tables and chairs; easy to move and reconfigure • Computer furniture/workstations
Teacher Furniture	• Standing or adjustable height table and chair
Other Furniture	• Whiteboard tiles/tablets
Classroom Technology	• Sound field • Document Camera • Sufficient outlets to support all technology • Interactive Display • Two (2) docking stations
Computers	• Two (2) student computers

ENGLISH LEARNER PROGRAM

SPACE: 250 square feet – located within the Reading Resource Classroom

NUMBER: One (1) area - divided by partitions from reading teachers

Sinks	• Stainless steel sink with laminate counters • Soap and towel dispenser
Access	• In close proximity to primary education classrooms
Classroom Storage	• Built-in bookcases • A supply closet with shelving • Wall length counter top with wall storage cabinets and electrical strips • Counters where possible
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Board
Student Furniture	• Two (2) round-shaped tables • Six (6) student flexible seating chairs
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Visitor's chair
Special Needs/Equipment	• n/a
Classroom Technology	• Document Camera • Interactive Display • Docking Station • AV Switcher Control System
Computers	• n/a

MATH INTERVENTIONIST

SPACE: 200 square feet, space to accommodate 1 adult working with small groups

NUMBER: One (1) area – adjacent space located within SPED Classroom

Sinks	• Stainless steel sink with laminate counters • Soap and towel dispenser
Access	• In close proximity to primary education classrooms
Classroom Storage	• Built-in bookcases • A supply closet with shelving • Wall length counter top with wall storage cabinets and electrical strips • Counters where possible
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Board
Student Furniture	• (1) round-shaped table • Three (3) student chairs
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Visitor's chair
Special Needs/Equipment	• n/a

MATH INTERVENTIONIST	
Classroom Technology	• Document Camera • Interactive Display • Docking Station • AV Switcher Control System
Computers	• n/a

READING INTERVENTIONISTS	

SPACE: 250 square feet for each Reading Assistance space

NUMBER: Two (2) areas located within Classroom with EL Program Teacher

Sinks	• Stainless steel sink with laminate counter • Soap and towel dispenser
Access	• Adjacent to Media Center
Classroom Storage	• Built-in bookcases • A supply closet • Wall length counter top with wall storage • Refrigerator unit
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Board
Student Furniture-each space	• One (1) round-shaped table • Four (4) student flexible seating chairs
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Visitor's chair
Special Needs/Equipment	• n/a
Classroom Technology	• Document Camera • Interactive Display • Docking Station • AV Switcher Control System
Computers	• n/a

SPECIAL EDUCATION AND PUPIL SERVICES PROGRAMS

Pre-K-4 THERAPY RESOURCE

SPACE: 800 square feet

NUMBER: One (1) room (shared by two (2) staff)

Toilet	• Consider adding a toilet room within the space
Sinks	• Stainless steel sink with laminate counters • Soap and towel dispenser • Consider adding an in-room drinking fountain
Access	• n/a
Classroom Storage	• Storage for large equipment (large adaptive chairs, prone standers, supine standers, large walkers, gait trainers, large therapy balls, etc.) • Built-in bookcases, storage areas, large-drawer storage • Open shelving and counter area • Counters where possible
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable built-in four-drawer filing cabinet
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and designated floor padding areas
Display	• Whiteboard • Bulletin Boards
Student Furniture	• Limited
Teacher Furniture	• Two (2) Teacher Desk/Chair work stations
Other Furniture	• Adult visitor chairs • Sensory Wall
Special Needs/Equipment	• Trampoline, Balance Beam, Swing, Stairs, Floor Mats • Area for gross motor activities
Classroom Technology	• Interactive Display • Docking station
Computers	• n/a

Pre-K-4 RELATED SERVICES – SOCIAL WORKER

SPACE: 200 square feet

NUMBER: One dedicated space

Toilet	• n/a
Sinks	• n/a
Access	• Close proximity to the main office and other resource rooms
Storage	• One (1) lockable four-drawer filing cabinet • Bookcase and shelving • Laminate counters and shelving
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Board
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Two (2) adult chairs • One (1) rectangle or circle shaped table, with 4 student chairs
Special Needs/Equipment	• n/a
Classroom Technology	• n/a
Computers	• One (1) teacher computer

Pre-K-4 RELATED SERVICES – PSYCHOLOGIST

SPACE: 200 square feet

NUMBER: One dedicated space

Toilet	• n/a
Sinks	• n/a
Access	• Close proximity to the main office and other resource rooms
Storage	• One (1) lockable four-drawer filing cabinet • Bookcase and shelving • Laminate counters and shelving • Lockable teacher storage wardrobe
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Board
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Two (2) adult chairs • One (1) rectangle or round shaped table, with 4 student chairs
Special Needs/Equipment	• n/a
Classroom Technology	• n/a
Computers	• One (1) teacher computer

Pre-K-4 RELATED SERVICES – SPEECH/LANGUAGE PATHOLOGIST	

SPACE: 250 square feet

NUMBER: One dedicated space

Toilet	• n/a
Sinks	• n/a
Access	• Close proximity to the main office and other resource rooms
Storage	• One (1) lockable built-in four-drawer filing cabinet • Bookcase and shelving • Laminate counters and shelving
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Board
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Two (2) adult chairs • One (1) rectangle or oval shaped table, with 3 student chairs
Special Needs/Equipment	• n/a
Classroom Technology	• n/a
Computers	• One (1) teacher computer

TESTING ROOM	

SPACE: 150 square feet

NUMBER: One dedicated space (located within existing building)

Toilet	• n/a
Sinks	• n/a
Access	• Close proximity to the main office
Storage	• One (1) lockable built-in four-drawer filing cabinet • Bookcase and shelving
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile
Display	• Whiteboard
Teacher Furniture	• n/a
Other Furniture	• Two (2) adult chairs • One (1) rectangle table • Four (4) student chairs
Special Needs/Equipment	• n/a
Classroom Technology	• n/a
Computers	• One (1) Docking station • Display Screen

LEARNING CENTER I ROOM

SPACE: 800 square feet with ability to sub-divide the room

NUMBER: Two (2) partitioned spaces

Toilet	• Toilet room with sink within one of two classrooms at a level appropriate for children ages 3-5
Sinks	• Stainless steel sink with laminate counter • Soap and towel dispenser • In-room drinking fountain
Classroom Storage	• Built-in bookcases • A supply closet • Wall length counter top with wall storage
Teacher Storage	• Lockable teacher storage wardrobe • Two (2) lockable four-drawer filing cabinets
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboards • Bulletin Boards
Student Furniture - each space	• One (1) round-shaped table • Three (3) student flexible seating options
Teacher Furniture	• Teacher desk/chair
Other Furniture	• Visitor's chair
Special Needs/Equipment	• n/a
Classroom Technology	• n/a
Computers	• Two (2) teacher computers

LEARNING CENTER II ROOM	

SPACE: 600 square feet – to be sub-divided into (2) spaces

NUMBER: Two (2) partitioned spaces (each with a work space and small group area). Located in Classroom with Math Interventionist.

Sinks	- Stainless steel sink with laminate counter - Soap and towel dispenser
Classroom Storage	- Built-in bookcases - A shared supply closet - Wall length counter top with wall storage
Teacher Storage	- Shared lockable teacher storage wardrobes - Two (2) lockable four-drawer filing cabinets
Lighting	Soft color, dimmable lighting
Flooring	Vinyl enhanced tile and area rugs
Display	- Whiteboards - Bulletin Boards
Student Furniture	- One (1) round-shaped table per space - Four (4) student flexible seating chairs per space
Teacher Furniture	Teacher desk/chair
Other Furniture	Visitor's chair
Special Needs/Equipment	n/a
Classroom Technology	- Docking Station - AV Switcher Control System
Computers	Two (2) teacher computers

Based on current enrollment projections of 60 total students for the half-day Pre-school Program, two dedicated classrooms which will also be required to meet the needs of special education students. By design, and to meet the legal requirements for inclusive education, the classes include eligible students with special needs and at least equal numbers of typical same age peers. Like kindergarten children, these children will spend a lot of time sitting on the floor for activities. All the furnishings, toilet and sinks should be at a level appropriate for children aged three to five. Snacks are served as part of the daily routine. These classrooms should have space to accommodate gross and fine motor activities as well as lessons and an area for the children to sit together as a group. The classroom needs to have ample space to accommodate up to 15 children, 3 adults and students who use wheelchairs, standers or other adapted equipment.

PRE-SCHOOL PROGRAM	
SPACE: 800 square feet (each) (includes 70 s.f. in-class toilet room)	
NUMBER: Two (2) classrooms	
Toilet	• Separate toilet room within each classroom for ages 3-5 with shelves and changing table
Sinks	• Two (2) stainless steel sinks with laminate counters (one adult, one children) • In-room drinking fountain • Soap and towel dispenser
Access	• Close proximity to bus drop off and courtyard • Classroom rear door directly into courtyard • Possible connecting door between the rooms
Classroom Storage	• Storage and preparation area with a refrigerator and microwave for snacks (can possibly be shared by the two rooms) • Built-in bookcases • Storage areas • Counters where appropriate • Large drawer storage (posters, large books, etc.)
Teacher Storage	• Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Student Storage	• Coat and cubby storage for eighteen (18) students
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile and area rugs
Display	• Whiteboard • Bulletin Boards
Student Furniture	• PreK tables and chairs • Computer workstations
Teacher Furniture	• Teacher Desk/Chair
Other Furniture	• Center Instruction: three (3) round tables with four (4) chairs each • Activity Groups: one (1) kidney or round-shaped table with six (6) chairs • Whole Group Instruction: one (1) large rectangular or round tables with up to eight (8) chairs
Special Needs/Equipment	• Changing table in each toilet space • Block carts • Easel • Play equipment for centers • Full-length mirror (Mylar)
Space Considerations	• n/a
Classroom Technology	• Sound field • Document Camera • Interactive Display (adjustable heights) • Two (2) Docking Stations • AV Switcher Control System
Computers (each)	• n/a

VII. ADMINISTRATION AND SUPPORT FACILITIES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Acoustical insulation for soundproofing
- Year-round air conditioning
- ADA compliant building standards
- Wireless/internet access
- Multiple electric outlets
- Telephone

The existing Administration Office area is presently not efficient and is in need of modifications to maximize the useable area and circulation within the space.

MAIN OFFICE (ADMINISTRATION AREA)	
SPACE: 650 square feet	
Access/Location	• Adjacent to Principal's office • Main hallway wall should have multiple windows, and the Main Office should be able to view main entranceway of school and bus traffic • Staff lavatories should be adjacent to office • Access to teacher/PTO workroom should be from hallway, not through main office
Storage	• Safe • Base and wall cabinets with counter space • Storage for general supplies • Multiple lockable fireproof four drawer cabinets for confidential student files
Lighting	• Soft color, dimmable lighting
Flooring	• Wall to wall carpeting
Office Furniture	• Administration workstations (2) • Administration chairs (2) • Additional work table/counter area • Visitor's seating
Other Accommodations	• Bulletin boards • Closet for coats
Technology	• Two network printers • Building security system monitor (administrator/clerk) • Security "panic" button with dedicated phone line (administrator/clerk) • Parent access Kiosk computer
Computers	• Two (2) computers with standing capabilities

PRINCIPAL'S OFFICE	

SPACE: 260 square feet

Access/Location	• Close proximity to administrator's work station and conference room
Storage	• One (1) large wall unit bookcase • Lockable lateral files
Lighting	• Soft color, dimmable lighting
Flooring	• Wall to wall carpeting
Office Furniture	• Desk/Chair • Small conference table • Visitor's seating for six (6)
Other Accommodations	• Bulletin board
Technology	• Polycom telephone • Network printer • Building security system monitor • Wall mounted digital display/monitor • Security "panic" button with dedicated phone line • Docking station
Computers	• n/a

CONFERENCE ROOM	

SPACE: 350 square feet

NUMBER: One (1) room

Access/Location	• Adjacent to Main Office/Principal's Office
Storage	• One (1) credenza • Base cabinets with counter space
Lighting	• Soft color, dimmable lighting
Flooring	• Wall to wall carpeting
Office Furniture	• Conference Table • Seating for twelve (12)
Other Accommodations	• Whiteboards • Bulletin board
Technology	• Polycom telephone • Interactive Display • Docking station
Computers	• n/a

HEALTH SERVICES	

SPACE: 500 square feet (not including toilet), with private office space (with windows to oversee space)

Toilet	• Oversized accessible toilet room
Sink	• Sink with foot pedal controls (outside the toilet room) • Consider adding an in-room drinking fountain
Access/Location	• Near the main office for assistance during times of emergency • Access through main corridor • Access to windows for ventilation (fresh air)
Lighting	• Soft color, dimmable lighting
Flooring	• Vinyl enhanced tile
Storage	• Lockable cabinets for medication (if controlled meds are not stored in the same cabinet as non-controlled meds, is not required to be double locked) • Two (2) four-drawer lockable filing cabinets • Closet and extra lockable wall storage for materials • Refrigerator (lockable/secured?)
Office Furniture	• Bookcase • Table for testing/conferences (private) • Four (4) student chairs for waiting area within view of nurse work station
Space Considerations	• Recovery area with multiple cots - with privacy curtains. One (1) cot to be located within an area that is separate and is to have dimmable lighting. • One (1) nurse's space where nurse can speak privately with students/parents • Examination room • 20-ft space to conduct vision screenings (25 feet total) • Waiting area for students
Medical Equipment	• Wheelchair/evacuation chair • Rolling cart (portable emergency cart) • Examination table
Other Accommodations	• Two (2) AED with audible alarm box will be installed, one (1) in the public access hallway outside nurse's office, and one (1) outside the gymnasium • Refrigerator with separate freezer compartment • Consider a dedicated exhaust fan for at least a portion of the space
Technology	• Two (2) telephones with direct access to an outside line • Network Printer • Docking Station

TEACHER WORKROOM	

SPACE: 280 square feet

Toilet	• n/a
Sink	• n/a
Access/Location	• Close proximity to Main Office area yet with separate entrance from hallway
Lighting	• Soft color
Flooring	• Vinyl enhanced tile
Storage	• Shelving • Teacher mailboxes • Locked cabinet • Separate PTO storage
Furniture	• Table and two (2) chairs
Other Accommodations	• Die press (letter cutting machine) • Laminating machine • General office supplies
Technology	• Sound field (depending on new function?) • Network copier/fax machine/scanner
Computers	• One (1) teacher computer

FACULTY LOUNGE

SPACE: 620 square feet

Toilet	• n/a
Sink	• One stainless steel sink with laminate countertop • Soap and towel dispenser
Access/Location	• Close proximity to Main Office area yet with separate entrance from hallway
Lighting	• Provide windows and maximum natural light
Flooring	• Vinyl enhanced tile
Storage	• Built in upper and lower cabinets
Furniture	• Six (6) moveable tables and twenty (20) stackable chairs
Other Accommodations	• Kitchenette set up with prep counter areas, stove, (2) microwaves, refrigerator, dishwasher • General kitchen supplies • Bulletin board
Technology	• Wall mounted display monitor • Telephone
Computers	• n/a

MEETING ROOM

SPACE: 190 square feet

Access/Location	• Remote meeting area from main Conference Room
Lighting	• Soft color and natural light
Flooring	• Vinyl enhanced tile
Storage	• Built in upper and lower cabinets
Furniture	• One (1) large table and ten (10) stackable chairs
Other Accommodations	• White Board • Bulletin board
Technology	• Wall mounted display monitor • Telephone

FOOD SERVICES – CAFETERIA (AUDITORIUM)

SPACE: 3,020 square feet

Toilet	• n/a
Sink	• Consider adding a hand washing sink • Consider adding a water fountain
Access/Location	• Adjacent to full kitchen and serving area • Exit to outdoors • Close proximity to courtyard
Lighting	• Soft color, dimmable lighting • Natural lighting where possible
Flooring	• Vinyl enhanced tile
Storage	• Storage area to accommodate tables and chairs
Furniture	• Folding roll-away tables, long type with built-in seating, to accommodate approximately 180 students
Other Accommodations	• Sound reducing measures • Bulletin boards
Technology	• Localized public address system • Reverse projection • Sound system • Docking station • Microphone sound system

FOOD SERVICES – KITCHEN	

SPACES:	1,050 square feet – Kitchen
	100 square feet – Storage Room
	60 square feet - Toilet

Toilet	• Separate toilet room for kitchen staff
Sink	• One (1) double well stainless steel produce sink • One (1) 3-bay wash sink • Two (2) hand sinks with soap and towel dispensers
Access/Location	• In close proximity to Receiving Dock
Lighting	• Task lighting over preparation areas
Flooring	• Quarry tile flooring
Storage	• Two (2) stainless steel utility carts, three shelves, #200/300 capacity • Two (2) bun/sheet pan racks • One (1) stainless steel cart for tray storage, ADA accessible • Adequate space for supplies • Gated storage area
Furniture	• Desk and chair; break table with three (3) chairs
Space Accommodations	• Walk-in storeroom with shelving • Dishwash area (3-bay sink) with racks • One (1) serving line with built-in hot and cold units •
Food Services Equipment	• One (1) table top refrigerator • One (1) tall 1-door refrigerator on casters • One (1) double steamer, pressure-less • One (1) commercial microwave oven • One (1) double convection ovens with stand: single one-over-one unit • One (1) food processor (Robo Coupe) • Two (2) reach-in freezers with shelving • Two (2) reach-in refrigerators with shelving • Cold well in serving line for fruits, vegetables and salads • Three (3) preparation tables (stainless steel) • One (1) baking center with table, baking rack with refrigerator underneath • Two (2) milk coolers • One (1) tall 2-door warmer • Exhaust fans (ventilation) for ovens, skillet, stove, etc. • Exhaust fan (ventilation) in pantry area
Technology	• One (1) cash registers and stand (point of sale system) • One (1) computer (Secured Food Service area)

CUSTODIAL OFFICE	

SPACE:	250 square feet	
Toilet	• Separate toilet room adjacent to office space • Add shower unit to office space	
Access/Location	• In close proximity to Cafeteria	
Flooring	• Vinyl enhanced tile	
Storage	• Locked cabinet	
Furniture	• Two (2) Desks • Three (3) adult chairs • Refrigerator	
Equipment	• n/a	
Computers	• Two (2) computers	

STORAGE	

SPACE:	600 square feet – Instructional Storage
	350 square feet – General Storage

VIII. COMMUNITY USE

All our schools are used by the community. Some of the groups that regularly use this facility include:

- Newington Parks and Recreation Department
- Scouting organizations
- Municipal boards and groups
- PTO
- Registrar of Voters

IX. ENVIRONMENT – SYSTEMS – EQUIPMENT

SYSTEM	SPECIFICATIONS
Building Systems	- The building systems incorporated into the new construction will be designed in accordance with Connecticut High Performance Building standards, equivalent in performance to a LEED Silver rating. - An Energy Model combined with a Life Cycle Cost Analysis will be utilized to guide decisions for overall system efficiencies and selection. - Generally, standardization strategies should be employed to keep systems and vendors consistent with other district schools. Some Examples would be: Building Controls, Fire Alarm, Lighting Controls, Plumbing Fixtures, etc. Such Building Systems controlled by IP based systems shall be cabled, equipped, and configured in coordination with the BOE as independent networks. - All new systems and equipment will be accessible for operations and maintenance. - The Facilities staff will be properly trained in the operation of all new equipment and systems.
Heating/Cooling (HVAC) System	- Heating should utilize the existing natural gas service with high efficiency boilers for hot water heating. - The school will be fully air conditioned. System design will efficiently and automatically react to varying load and occupancy conditions. For example: only those areas with summertime use will have the systems running year-round; all other areas will be 'set back' to provide dehumidification and ventilation as needed during summer months. - Use in-slab hydronic heat delivery at the lower levels for PreK and Kindergarten classrooms. - Variable Frequency Drives (VFD's) will be utilized to efficiently control fans and pumps where applicable. - Perimeter heating will be provided by fin tube radiation and the possible use of ceiling mounted radiant panels, cooled by a VAV system with each room served by a dedicated VAV box and hydronic reheat coil. - The use of Chilled Beams, Variable Refrigerant Flow (VRF), and displacement ventilation systems will be considered for general heating and cooling. Designer to provide additional information on high performance systems to the Owner. - The gymnasium/auditorium and cafeteria will be served by separate variable speed air handlers. Air handlers shall include a hot water heating coil and DX cooling coils.

Climate Controls/ Ventilation System	• The building will be designed with a fully automatic Direct Digital Control (DDC) system that is compatible with the Andover Controls System. The system will be integrated into the School Facilities Departments' centralized system. • Energy Recovery Units will be considered for all areas of the school. • 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 will meet current codes and standards.
Lighting System	• Efficient and appropriate natural lighting will be maximized within the facility as appropriate for the programmatic use of the spaces. • Occupancy sensors and dual switching will be installed in classrooms. Lighting controls will need to be flexible enough to support varying themes and teaching formats. • The use of L.E.D. fixtures will be provided throughout, with exceptions in specialty areas. • Attention should be given to security lighting for both interior and exterior of the building. • The use of light shelves and light sensors for natural light to reduce electrical load shall be considered in locations where possible.
Electrical (Power) System	• Power to be provided by local utility company. • Distribution will include customer metering. • Emergency (whole building) generator to accommodate Life Safety needs. • Future solar roof mounted infrastructure should be provided
Technology	• There shall be a combined voice/data system with "VOIP" (Voice Over Internet Protocol) design. • The school shall have interactive displays with media controlled from the teacher's station. • Head equipment to be housed in an MDF room. Both MDF and IDF rooms will be provided with 24/7 environmental control. • Horizontal cabling shall be Category 6e or contemporary equivalent. • Cable shall be run in corridors to support horizontal cable structure. • Fiber back bone between the MDF and IDF rooms shall be single-mode type with 12 pair between all closets • Electrical in all data rooms/closets shall include 30 amp twist-lock service • Fiber optical cable from street to MDF • Make new Data center • Digital Signage in Main Lobby, Cafeteria, and in-wall media box in classrooms • AV system for entire school-provider to be verified
Security	• Digital video surveillance of exterior/interior areas of the building • Electronic security system with keypad access control installed into the school. • 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 facilities, including classroom door and lockdown features. • Door locks shall be Corbin and integrated with the existing NPS system.
Phone System	• A comprehensive, district-integrated phone system (dial-out) will be integrated into technology scope of the project, including hands-free and handle options. • Install phones in every room of the facility occupied by teachers or students at any given time, including all support and instructional spaces. • Provide Voice Over "IP" options.

Public Address	- 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 and signage as well as external communications. - The PA system should be developed in conjunction with the phone, clock, data, voice and video distribution system of the school. - Secondary access to security and public address systems will be in the MDF/Head End Room. - Means and methods of notification shall be addressed for visual and/or hearing-impaired students.
Clocks	- 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.
Plumbing System	- Domestic Hot Water shall be provided by an independent system. - Plumbing fixtures/system will be designed per current and applicable codes. - Fixtures will be self-operating and consistent with Owner's standards - Plastic piping to be considered for domestic water and heating where possible. - Floor drains in gang toilet areas - Plumbed for full whole building sprinkler system
Fire Protection	Building will be fully protected by a sprinkler system in accordance with NFPA 13.
Fire Alarm	The building will be protected by a fully addressable analog, manual and automatic fire alarm system.
Acoustics	- The building will comply with Connecticut High Performance Standards. - In specialized areas, such as media centers, appropriate acoustical treatments will be installed. - Sound field system will be provided in each classroom. - Acoustical treatments should be provided to prevent the transmission of normal spoken voices from one room to the next.
Windows/Doors	- Windows should be high efficiency, operational type with low e-glazing. - Emergency egress windows and rated doors will be installed in accordance with applicable codes. - Key fobs, thumb latches, vision panels – review with District and integrate with security section. - Door locks shall be Corbin and integrated with the existing NPS system.

There will be three primary entrance areas to the building: (1) the Main Entrance for visitors and parent drop off/pick up, and the (2) Pre-K-4 student vestibule entrances for bus drop-off/pick up located at each end of the North (or "B Wing") of the school.. Passive security measures, such as visual control of the entrances from the adjacent office area and/or monitored vestibule locations during bus activities must be planned for. Active security measures and systems will be developed with the building renovation design (such as the placement of bollards at the entry area(s), introduction of a man trap and other guidelines as recommended by the SSIC (School Safety Infrastructure Council). Adequate lighting for monitoring activities and ensuring safety are of paramount importance at the building entrances and parking areas. Each primary entrance area should accommodate a separate interior bus loading and/or parent drop off/pick up area. Entry overhangs or covered walkways will be provided for inclement weather to the extent practicable.

The bus unloading and loading area(s) should be configured as a one-way drive in a direction to assure that loading and unloading of students occurs from the right-hand side of the vehicle adjacent to the building. The drive will have two lanes: one for travel, and one for stopping and unloading. The bus loading driveway should be located such that buses exit upstream of automobiles, thereby reducing delays.

Parent drop-off area(s) will also be configured as a one-way drive in a direction to ensure that loading and unloading of students occurs from the right-hand side of the vehicle adjacent to the building. Student drop-off and pick-up area(s) are to be separated from the bus loading area, and preferably should be separate from other parking lots.

Parking for staff and visitors has been developed to take advantage of the primary entrances into the building. ADA and other code requirements will be assessed during any potential redesign of the site parking. Bituminous areas and curbing will be reviewed and repaired or replaced as necessary. An additional overflow parking area will be considered at the newly cleared area on the southwest corner of the site. In determining the size and location of the parking lots, consideration will be given to the use of the building for community access as well as student safety.

Existing concrete sidewalks will be reviewed and assessed around the perimeter of the school. Access to the parking lots, playfields, bus and parent pickup/drop-off areas, and access for student walkers will continue to be addressed. Sidewalks that are currently improperly pitched and allowing water into the building will be corrected.

Playgrounds include paved (dry) play areas, multi-purpose fields, and new playscape equipment surrounded by rubberized protective surfaces. New Pre-Kindergarten and K-2 play areas will be created within the existing courtyard space and located near their classrooms. Pre-K and K-2 playground areas will have sun shading elements designed and incorporated within the courtyard for protective measures. Intermediate play areas will be located away from classroom areas and contain sun shading elements where appropriate. Playfields will remain in their current locations.

Site utilities and physical plant components, including drives and access roads, will be reviewed to avoid conflict with student and vehicular traffic. The existing pinch point created by the telephone pole and electrical transformer near the main entrance will be assessed and modified to provide a more conducive traffic flow through this area.

Landscaping will be reviewed and re-designed as necessary to allow the school to blend with the environment as well as to provide passive cooling and windbreaks where possible. New trees and other greenery will be of a hearty variety and require little maintenance and which complement the building and site. Any new trees will be planted an appropriate distance from the building to avoid future maintenance problems. Consideration will be given to safety and security when placing any new foliage around walkways and areas of building access.

In addition to the site development issues and as part of the renovation scope of work, the existing roofing system for the entire school shall be replaced with a new rubber membrane (EPDM) roofing system, replacing the aged ballasted system currently in place. Portions of this existing roof substructure will be reviewed and may be replaced pending the investigation of areas which have shown leaks or signs of failure over the years. Another consideration which may be studied during this project is the possibility of installing a photovoltaic (or solar) panel system on a portion of the new roof area.

ANNA REYNOLDS ED SPECS SPACE SUMMARY

Room Description	Required # of Rooms	Square Feet Per Room	Total Area (Sq. Feet)
GENERAL EDUCATION PROGRAMS			
Early Childhood: Full-Day Kindergarten (including toilets)	4	1,050	4,200
Early Elementary: Grades 1 – 2	9	800	7,200
Intermediate: Grades 3 – 4	9	800	7,200
Art Classroom (includes kiln)	1	1,050	1,050
Music – Instrumental	1	1,140	1,140
Music – General (Platform Stage)	1	670	670
Wellness Education – Gymnasium	1	3,840	3,840
Wellness Education – Coach's Office	1	165	165
Wellness Education - Storage	1	270	270
Media Center (including Media Classroom and Offices)	1	2,850	2,850
Sub-Total	**29**		**28,585**
K-4 SPECIAL EDUCATION AND PUPIL SERVICES PROGRAMS			
Learning Center I Room (including toilet) – 2 spaces	1	390	780
Learning Center II Room (SPED) – 2 spaces	1	300	600
Reading Interventionists – 2 spaces	1	250	500
Math Interventionist – 1 space, with SPED		200	200
Pre-K-4 Therapy Room	1	800	800
Speech/Language Pathologist (with Testing Room)	1	340	340
English Learner Program – 1 space with Reading		250	250
Technology Classroom	1	770	770
Book Room/Copier Space/Work Space	1	650	650
Psychologist	1	200	200
Social Worker	1	200	200
Health Services (including toilet)	1	670	670
Sub-Total	**10**		**5,960**
PRE-K SCHOOL PROGRAM			
Pre-K Half-Day Sessions (including new toilets)	2	800	1,600
Sub-Total	**2**		**1,600**
ADMINISTRATION AND SUPPORT FACILITIES			
Principal's Office	1	260	260
Main Office	1	650	650
Meeting Room	1	350	350
Meeting Room	1	190	190
Copy Room	1	180	180
Teacher Lounge	1	615	615
Coach's Office	2	240	480
Food Services – Cafeteria	1	3,020	3,020
Food Services – Kitchen and Storage	1	1,150	1,150
Custodial Office Area	1	260	260
General Storage	3	350	1,050
Toilets (total in school, excluding the five listed above)	14	2,050	2,050
Sub-Total	**28**		**10,255**
		Total Above	**46,400**

Total Program Area:	46,400
Total Net Square Feet:	61,644
Total Gross Square Feet:	64,726

INDEX