

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC



INITIAL YEAR BUILT	2002
BUILDING AREA	67,000 SF
CURRENT PROGRAM CAPACITY	520
ENROLLMENT 2008	329
WARD	4
PROPOSED PROGRAM CAPACITY	450



Site Plan

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC

PROPOSED PROGRAM PROFILE

GRADE CONFIGURATION	PK-3
----------------------------	------

SQ. FT. (EXISTING)	67,000
SQ. FT. (ADDITION)	

TYPE	PROPOSED
Pre-School	2
Pre-Kindergarten	3
Kindergarten	4
1	4
2	4
3	4
Gym	1
Bleachers	
Locker Rooms	2
Gym-Cafeteria	
Cafetorium	
Gym-Cafetorium	
Gym-Auditorium	1
Multi-Purpose	

TYPE	PROPOSED
Cafeteria	1
Auditorium	
Kitchen Services	1
Special Education	3
Media Center	1
Administrative/Health	2
Computer Lab	1
OT/PT	1
Science Lab	1
Art	1
Music	1
Teacher Workroom	1
Parent Resource	1

Proposed Planning Profiles

The inventory of spaces listed here is intended to outline the program of educational and support spaces necessary to support the proposed program capacity. Individual educational specifications and facility programs will be developed with the School Improvement and School Planning / Design teams at the time of project initiation.

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC

CONDITION ASSESSMENT



<i>Building System</i>	<i>2008 Rating</i>
ADA Compliance	Good
Conveying Systems	Good
Electrical	Good
Exterior Finish	Good
HVAC	Good
Interior Finish	Good
Plumbing	Good
Roof	Good
Structure	Good
Technology	Good

Condition Assessment

The body of information summarized below is based on a detailed facility condition assessment completed in 2006 and updated by visual observations conducted in 2007. Improvement initiatives completed by OPEFM in 2007 and 2008 are noted in red text in each section. An overall summary of work completed under various OPEFM programs is provided at the end of the condition assessment.

Condition Scorecard

These ratings reflect the overall condition and level of replacement need for an entire system, in adherence with the **Facility Condition Index (FCI) System**, categorizing systems as "Good" (FCI < .25), "Fair" (FCI 0.25 – 0.50), "Poor" (FCI 0.51 – 0.85), or "Unsatisfactory" (FCI > .86).

Comments:

1 Conveying System	The elevator is new and ADA compliant.
2 Electrical	A 2000 amp, 460/265 volt, 3 ph, 4w electric service is provided by a 15-way service duct bank underground from a PEPCO pad mounted transformer. A 50kw emergency generator installed in boiler room is provided for emergency power. Multiple switching and occupancy sensors are provided for lighting control throughout the school. Lighting is very good and all systems are operational. An addressable complete building fire alarm system is provided. Electrical and fire alarm systems are in very good condition. Availability of ballasts for special corridor and lobby area lighting fixtures as well as equipment to permit service for the very high ceiling lights is a problem for the maintenance department.
3 Exterior Finish	Brand new school. Meets all building codes and DCPS standards
4 Structure	No deficiencies were noted.
5 HVAC	The school is conditioned by a two pipe closed-loop condenser water distribution system supplying closet size water source heat pump units for classrooms and interior support rooms, console type terminal heat pump units for administrative areas and large capacity water-cooled heat pump units serving the gymnasium and cafeteria. All systems are in good condition. One or two of the console heat pump units were not working but can be quickly fixed by replacement of the plug-in chassis. One cooling tower needs attention to prevent corrosive build-up at the basin. 2008: Repairs made to Boiler and classroom units.
6 Interior Finish	A handful of areas require routine maintenance, such as minor repainting or patching.
7 Plumbing	All plumbing distribution systems are in good condition. All system components and plumbing fixtures are in good condition. Plumbing fixtures are ADA compliant throughout the school. School has a complete fire suppression system.
8 Roof	The roof structure is in good condition. Careful upkeep and maintenance will keep the roof in good condition for years.
9 ADA Compliance	The building is completely ADA compliant.
10 Technology	The systems are new and appear to be working as expected.
11 Grounds	Some work needs to be done to improve the play structure and the playground area in general.

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC

RECENT HISTORY OF MODERNIZATION

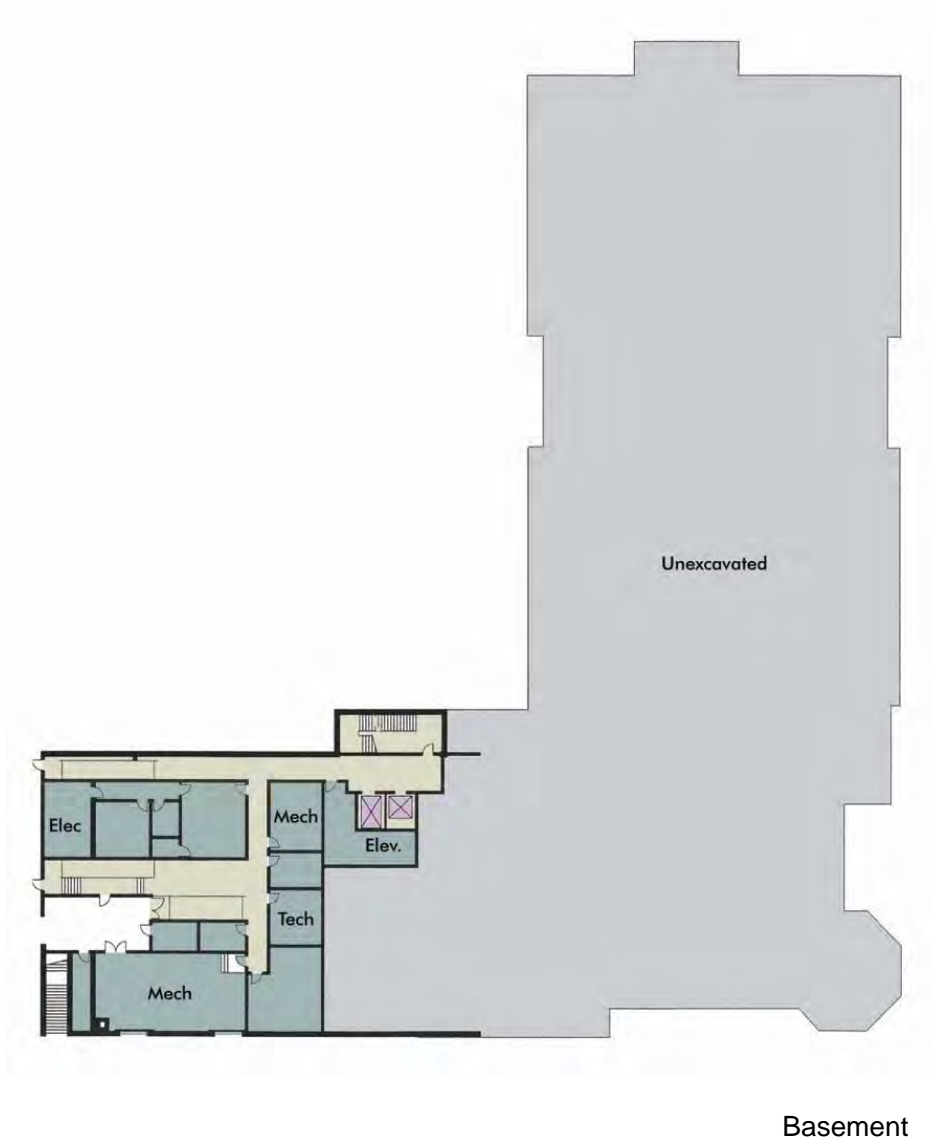
2008 STABILIZATIONS

- ✓ Heating Blitz - Boiler Repairs & Classroom Units
- ✓ Emergency Security Repair Work (Exterior Lighting Replacements)
- ✓ AC Window Units Installations & Electrical Upgrades

◊ Planning ▼ Design ◆ Pre-Construction □ In Progress ✓ Completed

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC



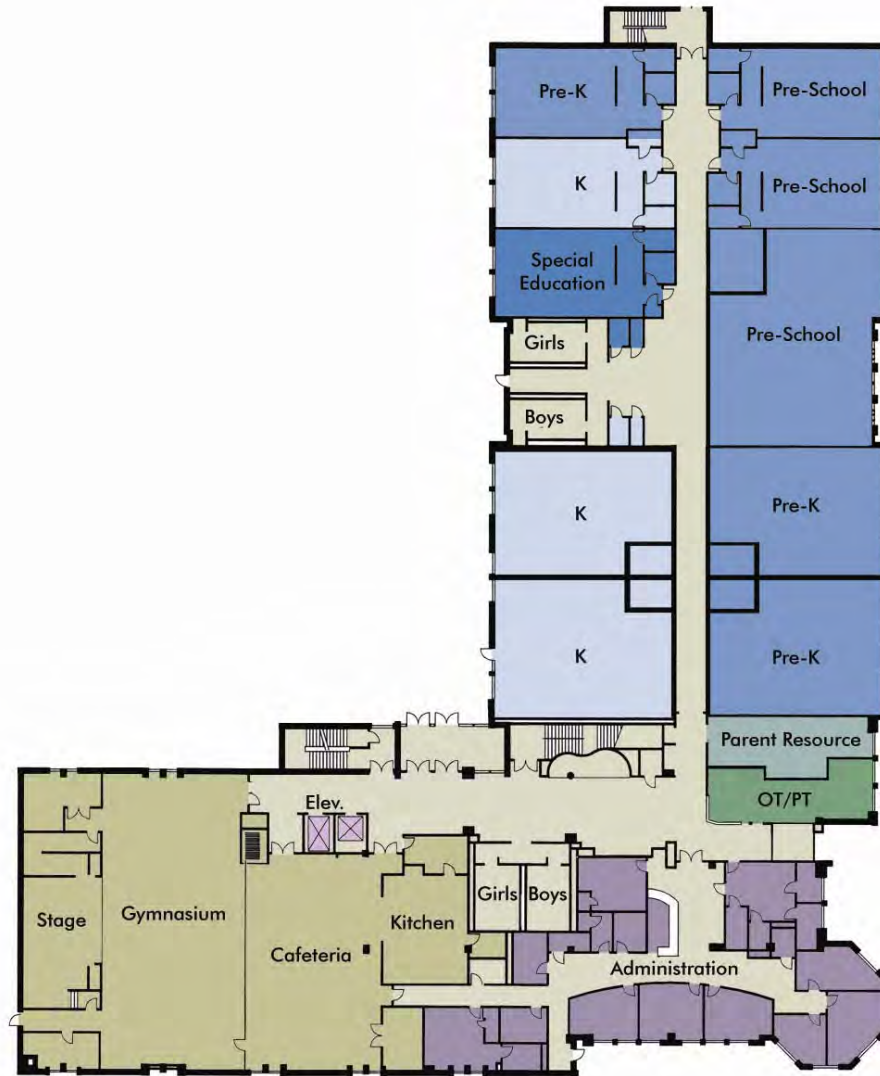
- | | |
|-----------------------|-------------------|
| Administration/Health | Auditorium |
| Gymnasium/Cafeteria | Other |
| Classrooms | Media Center |
| Kindergarten | Computer Lab |
| Pre-K/Pre-School | OT/PT |
| Music/Art | Special Education |
| Science Lab | Unassigned |
| Lobby | Elevator Addition |

Concept Plans

These floor plans represent planning concepts for proposed facility use, aligning the proposed program capacity, the proposed planning profiles, and the conceptual reconfiguration of the building. Each project is subject to a formal design process, incorporating input from the School Improvement team at the time of project initiation.

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC



First Floor

- | | |
|-----------------------|-------------------|
| Administration/Health | Auditorium |
| Gymnasium/Cafeteria | Other |
| Classrooms | Media Center |
| Kindergarten | Computer Lab |
| Pre-K/Pre-School | OT/PT |
| Music/Art | Special Education |
| Science Lab | Unassigned |
| Lobby | Elevator Addition |

Concept Plans

These floor plans represent planning concepts for proposed facility use, aligning the proposed program capacity, the proposed planning profiles, and the conceptual reconfiguration of the building. Each project is subject to a formal design process, incorporating input from the School Improvement team at the time of project initiation.

BARNARD ELEMENTARY SCHOOL

430 Decatur Street, N.W., Washington, DC



Second Floor

- | | |
|-----------------------|-------------------|
| Administration/Health | Auditorium |
| Gymnasium/Cafeteria | Other |
| Classrooms | Media Center |
| Kindergarten | Computer Lab |
| Pre-K/Pre-School | OT/PT |
| Music/Art | Special Education |
| Science Lab | Unassigned |
| Lobby | Elevator Addition |

Concept Plans

These floor plans represent planning concepts for proposed facility use, aligning the proposed program capacity, the proposed planning profiles, and the conceptual reconfiguration of the building. Each project is subject to a formal design process, incorporating input from the School Improvement team at the time of project initiation.