

Washington Elementary
2012 District Wide Feasibility Study

Full study can be found at

<http://www.boyertownasd.org/Page/4373>

GENERAL DATA

Washington Elementary School

Built:	1961, 1987, 1995 Eligible for 20-year State Reimbursement in 2015
Site:	1406 Route 100, Barto, PA 19504-8704 24 acres; located in a rural area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code with foam and built-up roof membranes.
HVAC System:	Hot water boilers serve classroom unit ventilators, air handlers and fan coils. Air conditioning is provided for miscellaneous areas through packaged rooftop and split system air conditioners.
Plumbing Service:	Public water and sewer
Electrical Service:	1600 amp, 120/208 volt, three phase, 4 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	82,030 s.f.
PDE Replacement Value:	\$11,205,600 (700 FTE x 92 sf = 64,400 x \$174 / sf = replacement cost) \$2,241,120 (20% Rule)
PDE Total Capacity:	700

PHOTOGRAPHS

Washington Elementary School



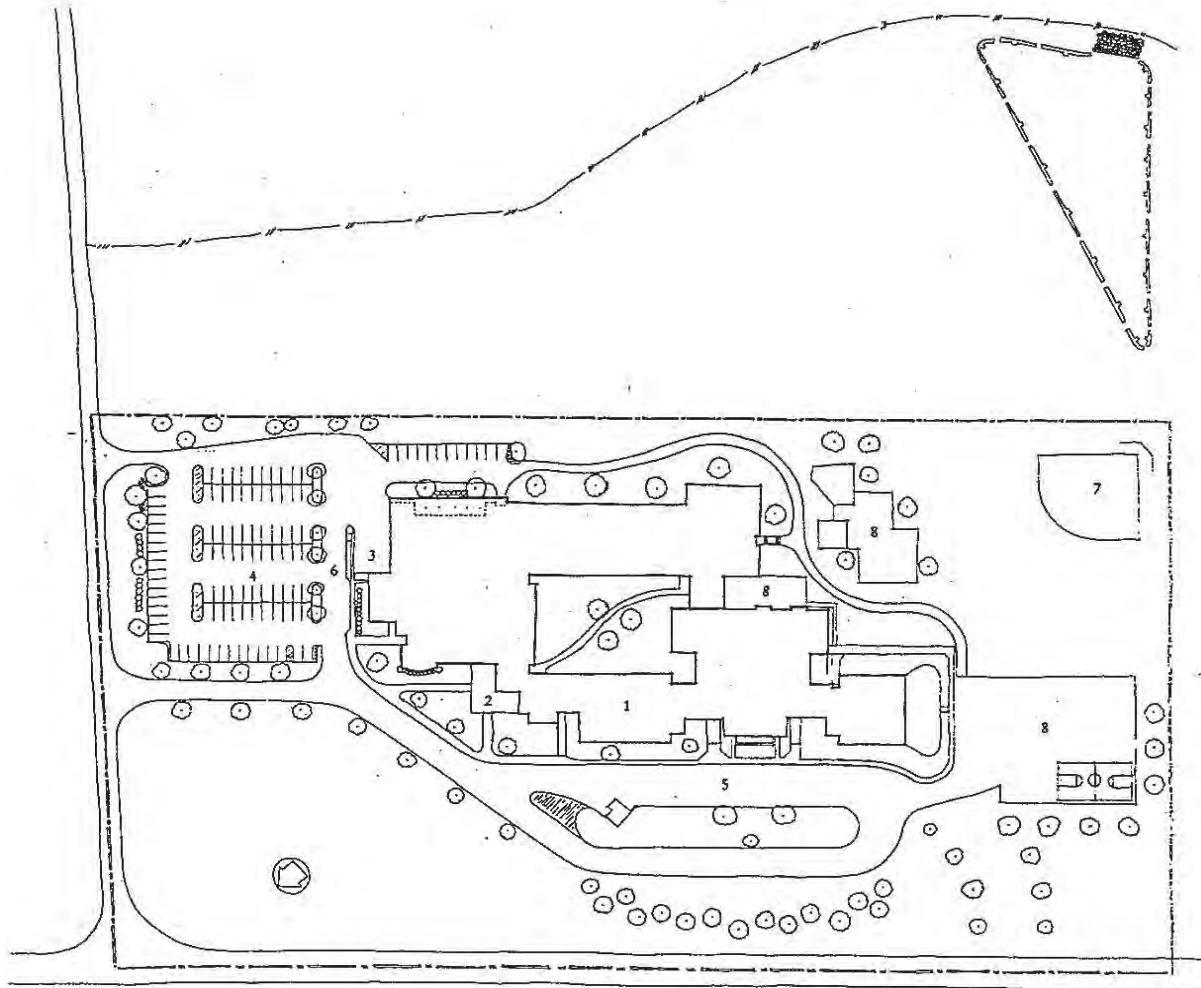
AERIAL VIEW

Washington Elementary School



EXISTING SITE PLAN

Washington Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking
- 5. Bus Drop-Off

- 6. Parent Drop-Off
- 7. Play field
- 8. Playground
- 9. District Administration

Notes:

- A. Modular Classrooms

Boyertown Elementary
2012 District Wide Feasibility Study

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GENERAL DATA

Boyertown Elementary School

Built:	1969 Eligible for 20-year State Reimbursement
Site:	641 East Second Street, Boyertown, PA 19512-2298 13 acres; located in a residential area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code. Built-up roof membrane with metal soffit and fascias.
HVAC System:	Packaged unit ventilators with integral air conditioning and electric heating coils as well as split system air conditioners and heat pumps.
Plumbing Service:	Public water and sewer services
Electrical Service:	2000 amp, 277/480 volt, three phase, 4 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	97,800 s.f.
PDE Replacement Value:	\$11,605,800 (725 FTE x 92 sf = 66,700 x \$174 / sf = replacement cost) \$2,321,160 (20% Rule)
PDE Total Capacity:	725

PHOTOGRAPHS

Boyertown Elementary School



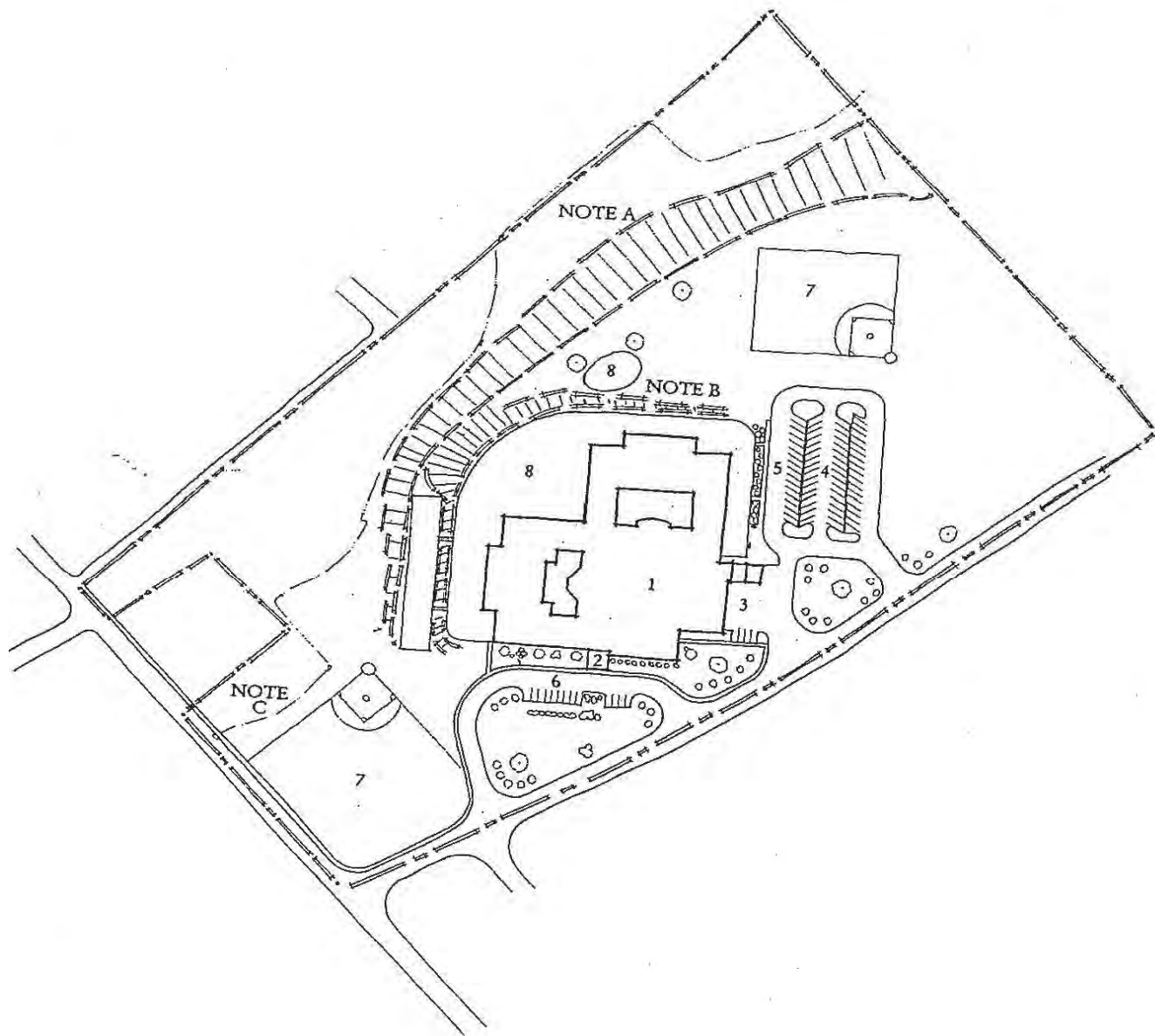
AERIAL VIEW

Boyertown Elementary School



EXISTING SITE PLAN

Boyertown Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking

- 5. Bus Drop-Off
- 6. Parent Drop-Off
- 7. Play field
- 8. Playground

Notes:

- A. Hatch pattern indicated area of steep slope.
- B. Area of poor drainage.
- C. Area of erosion.

Pine Forge Elementary
2012 District Wide Feasibility Study

Full study can be found at

<http://www.boyertownsd.org/Page/4373>

GENERAL DATA

Pine Forge Elementary School

Built:	1928, 1957, 1987 Eligible for 20-year State Reimbursement
Site:	8 Glendale Road, Boyertown, PA 19512 8 acres; located in a rural area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code with foam roof membranes.
HVAC System:	Hot water boilers serving unit ventilators, air handlers, and fan coils. Air conditioning is provided in several spaces through rooftop packaged air conditioning units.
Plumbing Service:	Onsite water and sewer systems.
Electrical Service:	800 amp, 120/240 volt, three phase, 3 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	37,570 s.f.
PDE Replacement Value:	\$5,602,800 (350 FTE x 92 sf = 32,200 x \$174 / sf = replacement cost) \$1,120,560 (20% Rule)
PDE Total Capacity:	350

PHOTOGRAPHS

Pine Forge Elementary School



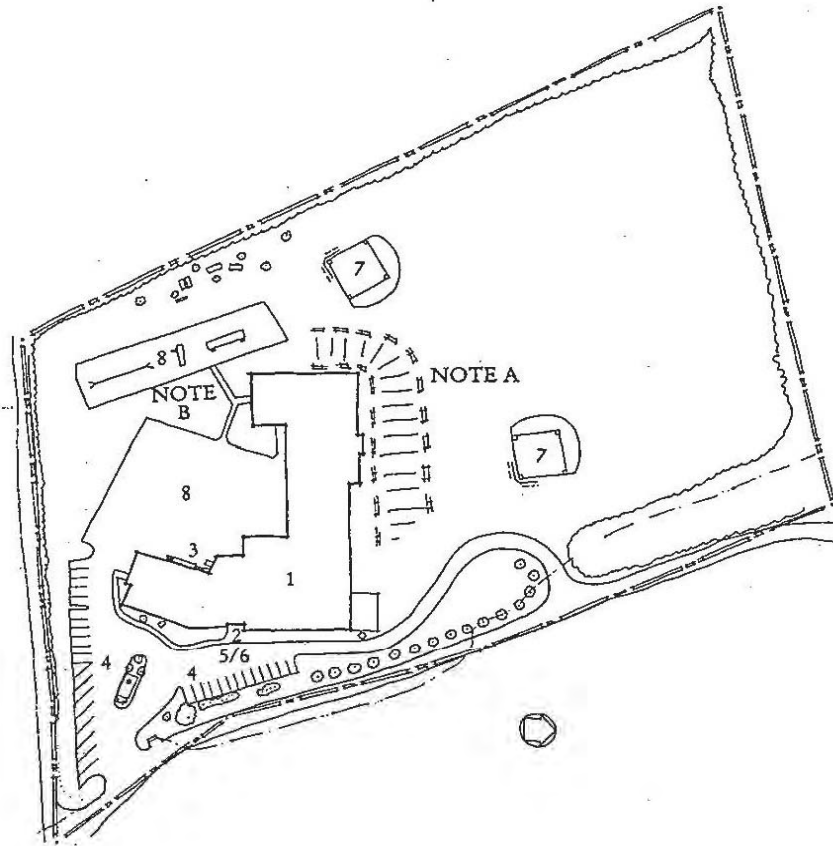
AERIAL VIEW

Pine Forge Elementary School



EXISTING SITE PLAN

Pine Forge Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking

- 5. Bus Drop-Off
- 6. Parent Drop-Off
- 7. Play field
- 8. Playground

Notes:

- A.
- B.
- C.
- D.

Colebrookdale Elementary
2012 District Wide Feasibility Study

Full study can be found at

<http://www.boyertownsd.org/Page/4373>

GENERAL DATA

Colebrookdale Elementary School

Built:	1955, 1991 Eligible for 20-year State Reimbursement
Site:	1001 Montgomery Avenue, Boyertown, PA 19512 35 acres; located in a residential area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code. Built-up roof membrane.
HVAC System:	A single boiler provides hot water to unit heaters, air handlers, and fan coils. Packaged rooftop units are utilized to provide cooling for the library, offices, and computer room. The modular classrooms utilize packaged terminal through the wall heat pumps and electric heat.
Plumbing Service:	Public water and sewer.
Electrical Service:	1600 amp, 120/208 volt, three phase, 4 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	41,340 s.f.
PDE Replacement Value:	\$5,602,800 (350 FTE x 92 sf = 32,200 x \$174 / sf = replacement cost) \$1,120,560 (20% Rule)
PDE Total Capacity:	350

PHOTOGRAPHS

Colebrookdale Elementary School



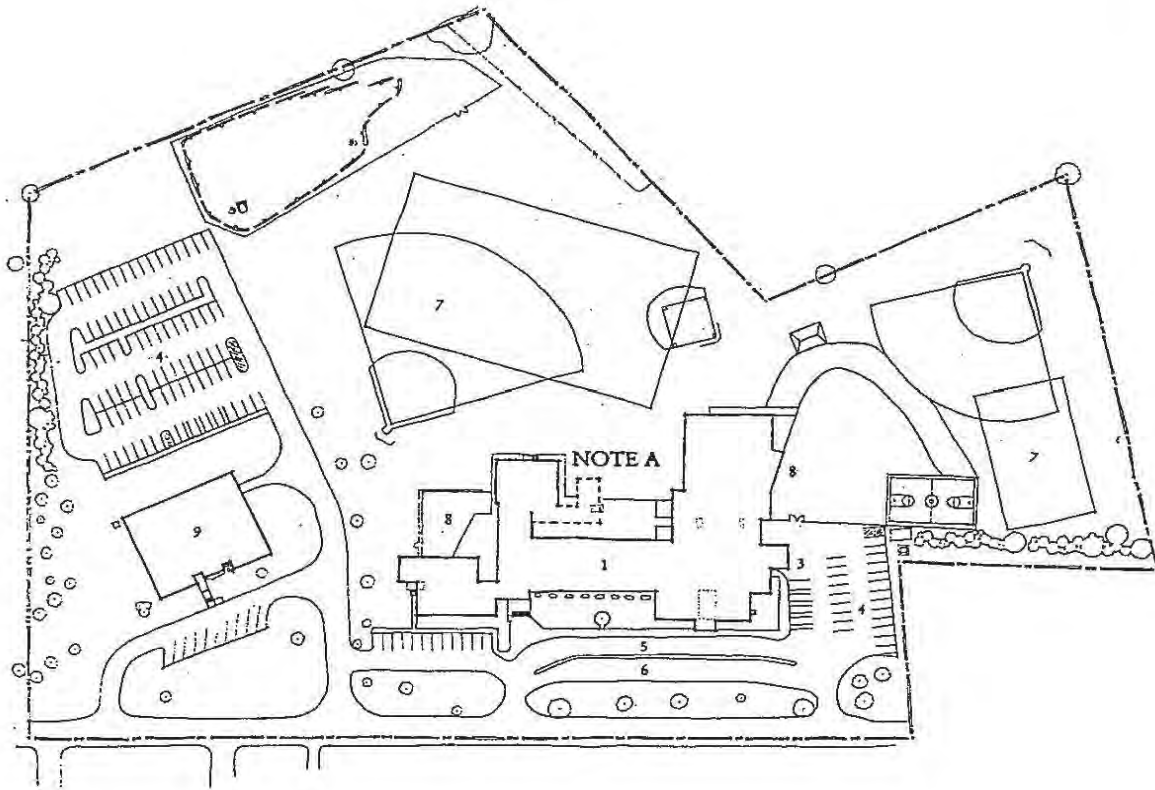
AERIAL VIEW

Colebrookdale Elementary School



EXISTING SITE PLAN

Colebrookdale Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking
- 5. Bus Drop-Off

- 6. Parent Drop-Off
- 7. Play field
- 8. Playground
- 9. District Administration

Notes:

- A. Modular Classrooms

Gilbertsville Elementary
2012 District Wide Feasibility Study

Full study can be found at

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GENERAL DATA

Gilbertsville Elementary School

Built:	1930, 1958, 1987, 1995 Eligible for 20-year State Reimbursement in 2015
Site:	36 Congo Road, Gilbertsville, PA 19525-9205 16 acres; located in a residential area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code with Foam and Built-up roof membranes.
HVAC System:	Cast iron steam boilers. The boilers directly feed some equipment and also feed a steam to hot water heat exchanger that provides hot water to classroom unit ventilators, air handlers, and fan coils. Air conditioning is provided for limited spaces through packaged rooftop and split system air conditioners.
Plumbing Service:	Onsite water and public sewer
Electrical Service:	2000 amp, 120/208 volt, three phase, 4 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	96,930 s.f.
PDE Replacement Value:	\$11,605,800 (725 FTE x 92 sf = 66,700 x \$174 / sf = replacement cost) \$2,321,160 (20% Rule)
PDE Total Capacity:	725

PHOTOGRAPHS

Gilbertsville Elementary School



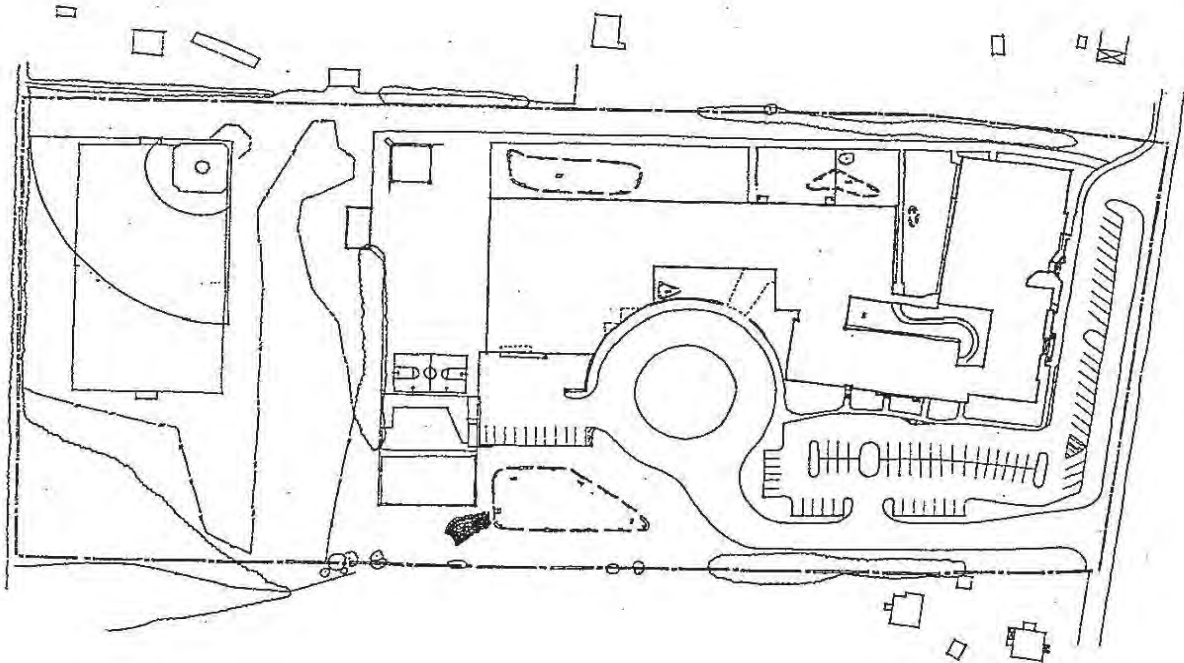
AERIAL VIEW

Gilbertsville Elementary School



EXISTING SITE PLAN

Gilbertsville Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking

- 5. Bus Drop-Off
- 6. Parent Drop-Off
- 7. Play field
- 8. Playground

Notes:

- A. Hatch pattern indicated area of steep slope
- B. Area of poor drainage
- C. Area of erosion

New Hanover/Upper Frederick Elementary
2012 District Wide Feasibility Study

Full study can be found at

<http://www.boyertownasd.org/Page/4373>

GENERAL DATA

New Hanover-Upper Frederick Elementary School

Built:	1953, 1958, 1964, 1991 Eligible for 20-year State Reimbursement
Site:	2547 Big Road, Frederick, PA 19435-9701 18 acres; located in a rural area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code with foam, balasted and built-up roof membranes.
HVAC System:	New hot water boilers serve classroom unit ventilators, air handlers, and fan coils. Air conditioning is provided for miscellaneous areas through packaged rooftop units and split system air conditioners.
Plumbing Service:	Onsite well and sewer systems
Electrical Service:	2500 amp, 120/208 volt, three phase, 4 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	90,700 s.f.
PDE Replacement Value:	\$12,806,400 (800 FTE x 92 sf = 73,600 x \$174 / sf = replacement cost) \$2,561,280 (20% Rule)
PDE Total Capacity:	800

PHOTOGRAPHS

New Hanover-Upper Frederick Elementary School



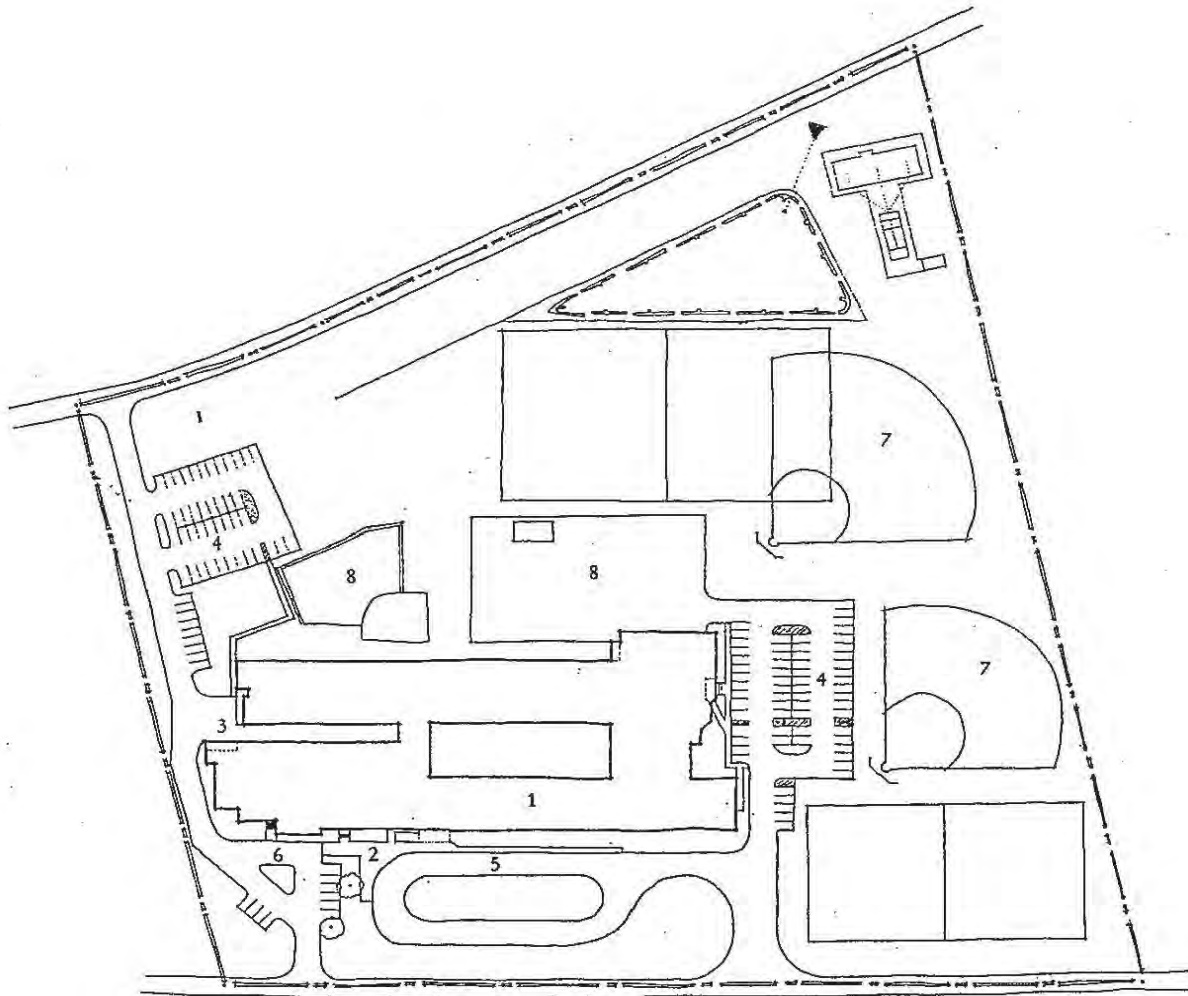
AERIAL VIEW

New Hanover-Upper Frederick Elementary School



EXISTING SITE PLAN

New Hanover-Upper Frederick Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking
- 5. Bus Drop-Off

- 6. Parent Drop-Off
- 7. Play field
- 8. Playground
- 9. District Administration

Notes:

- A. Modular Classrooms

Earl Elementary
2012 District Wide Feasibility Study

Full study can be found at

<http://www.boyertownasd.org/Page/4373>

GENERAL DATA

Earl Elementary School

Built:	1954, 1968, 1991 Eligible for 20-year State Reimbursement
Site:	22 Schoolhouse Road, Boyertown, PA 19512-7926 16 acres; located in a rural area with paved drives and parking areas, athletic fields and play areas.
Structure:	One-story building with concrete floors; metal roof deck; structural steel frame; and masonry and concrete walls. Construction type non-combustible, unprotected in accordance with International Building Code with foam and balasted roof membranes.
HVAC System:	Hot water boilers feeding classroom unit ventilators, air handlers, and fan coils. Air conditioning is provided for library, offices, and computer room through packaged rooftop AC units.
Plumbing Service:	Well system and onsite sewage treatment facility
Electrical Service:	1000 amp, 120/208 volt, three phase, 4 wire
Systems:	Fire Alarm Paging/Intercom Master Clock Security Emergency Lighting and Power District Telephone Data Network
Architectural Area:	38,530 s.f.
PDE Replacement Value:	\$5,602,800 (350 FTE x 92 sf = 32,200 x \$174 / sf = replacement cost) \$1,120,560 (20% Rule)
PDE Total Capacity:	350

PHOTOGRAPHS

Earl Elementary School



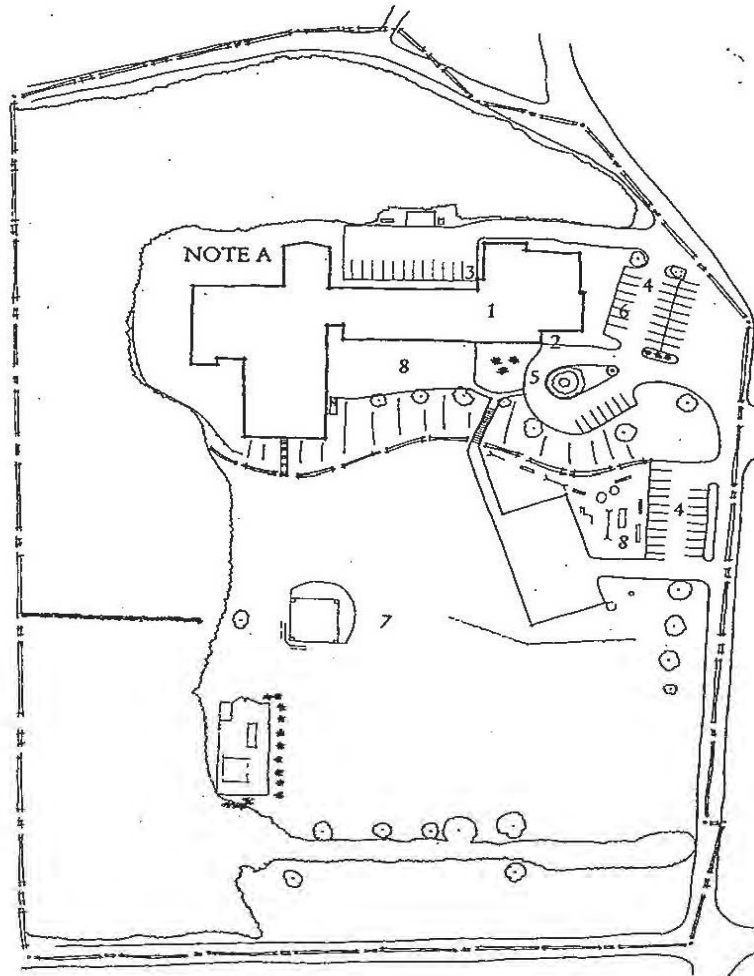
AERIAL VIEW

Earl Elementary School



EXISTING SITE PLAN

Earl Elementary School



Key:

- 1. School Building
- 2. Public Entrance
- 3. Service Entrance
- 4. Parking

- 5. Bus Drop-Off
- 6. Parent Drop-Off
- 7. Play field
- 8. Playground

Notes:

- A. Area of poor drainage