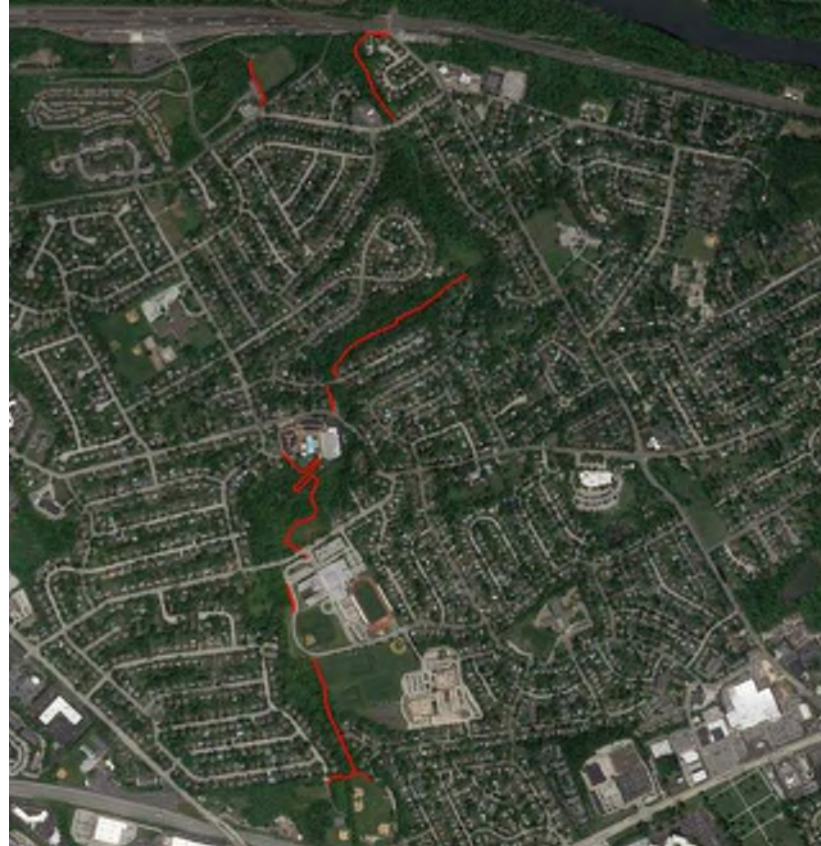




Public Meeting Presentation

Crow Creek Trail



Crow Creek Trail



Crow Creek Trail south of railroad culverts
Image courtesy of Gilmore & Associates

Crow Creek Trail

Presentation Team Members

Gilmore & Associates

Christopher D. Burkett, PE, RLA – Senior Executive Vice President

Ross A. Bickhart, PE – Site / Civil Design Engineer

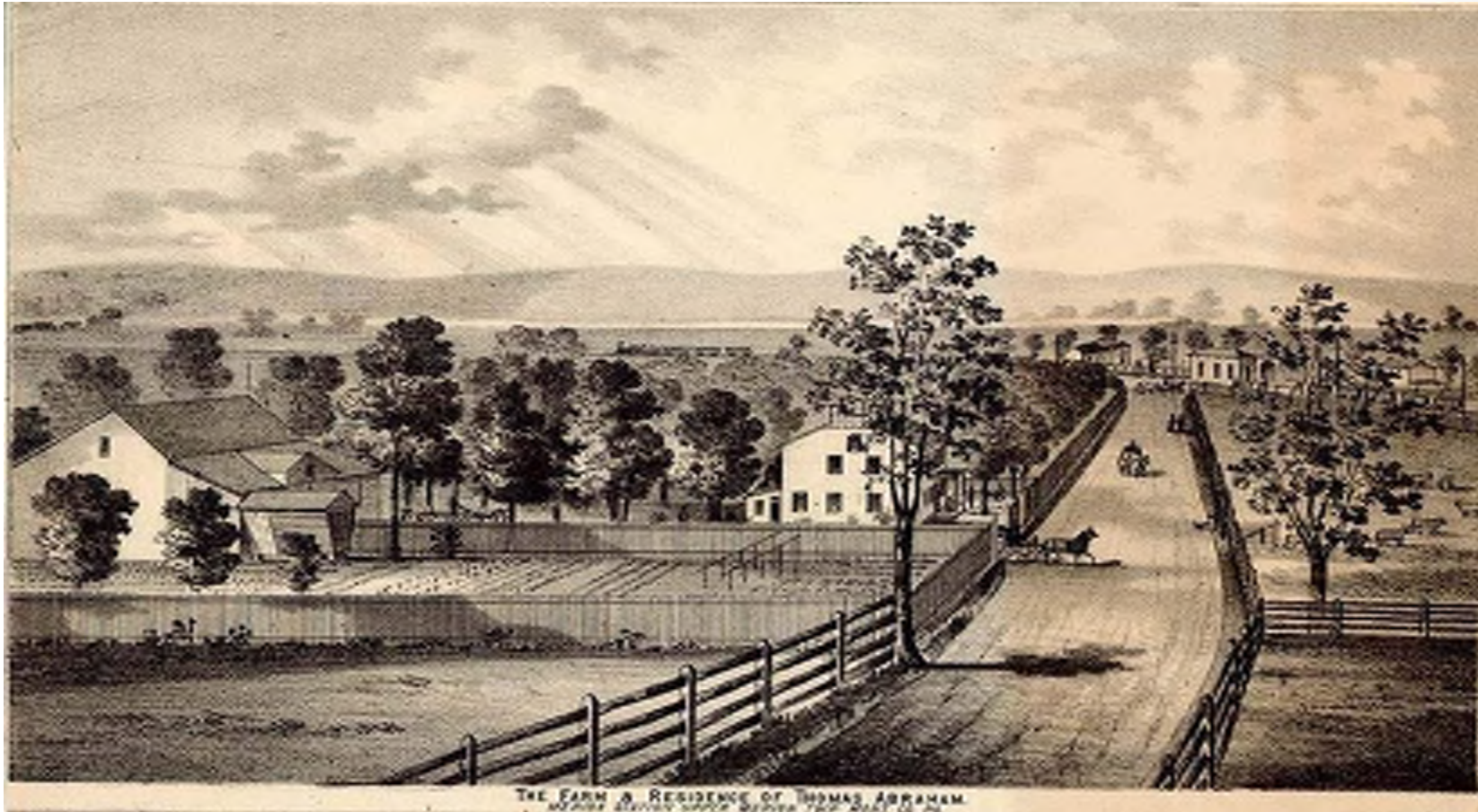
Campbell Thomas & Co. Architects

Robert Thomas, AIA, APBP – Principal / Senior Project Advisor

Harry Murray, NCARB – Trail Architect

Crow Creek Trail

Historical Context



The farm and residence of Thomas Abraham in 1877, for whom the village of Abrams is named. The house backed up to Crow Creek near its mouth. The train in the background at the Schuylkill River is the Philadelphia & Reading RR, now NS. The hills of W. Norriton are in the background.

Crow Creek Trail

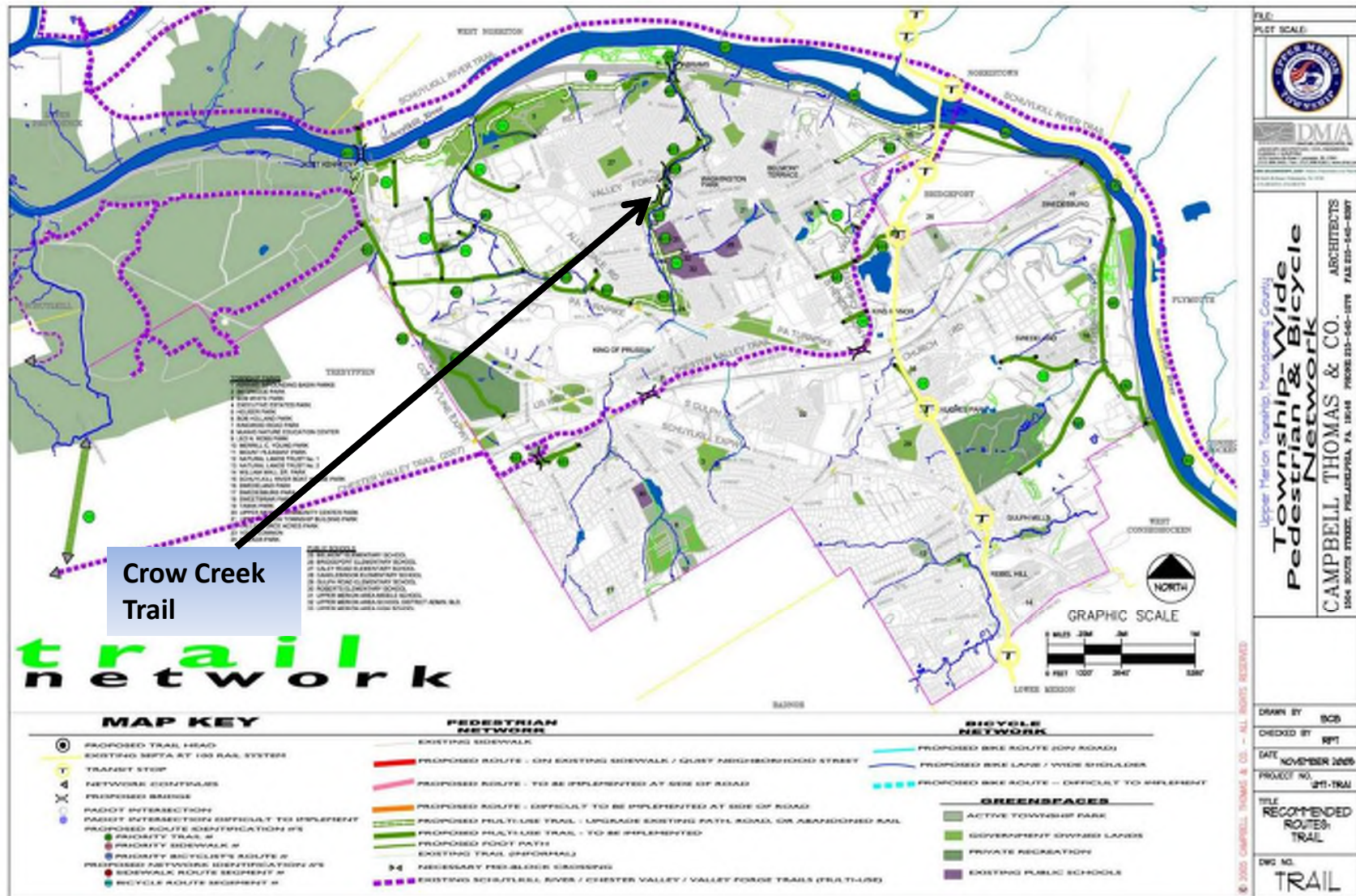
The Crow Creek Valley in the Fall of 1942



Approximate
Trail Location

Crow Creek Trail

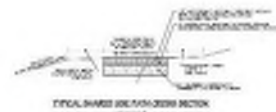
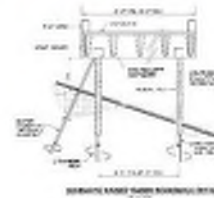
Excerpt from November 2005 "UPPER MERION - TOWNSHIP WIDE PEDESTRIAN AND BICYCLE NETWORK" by Campbell Thomas & Co.



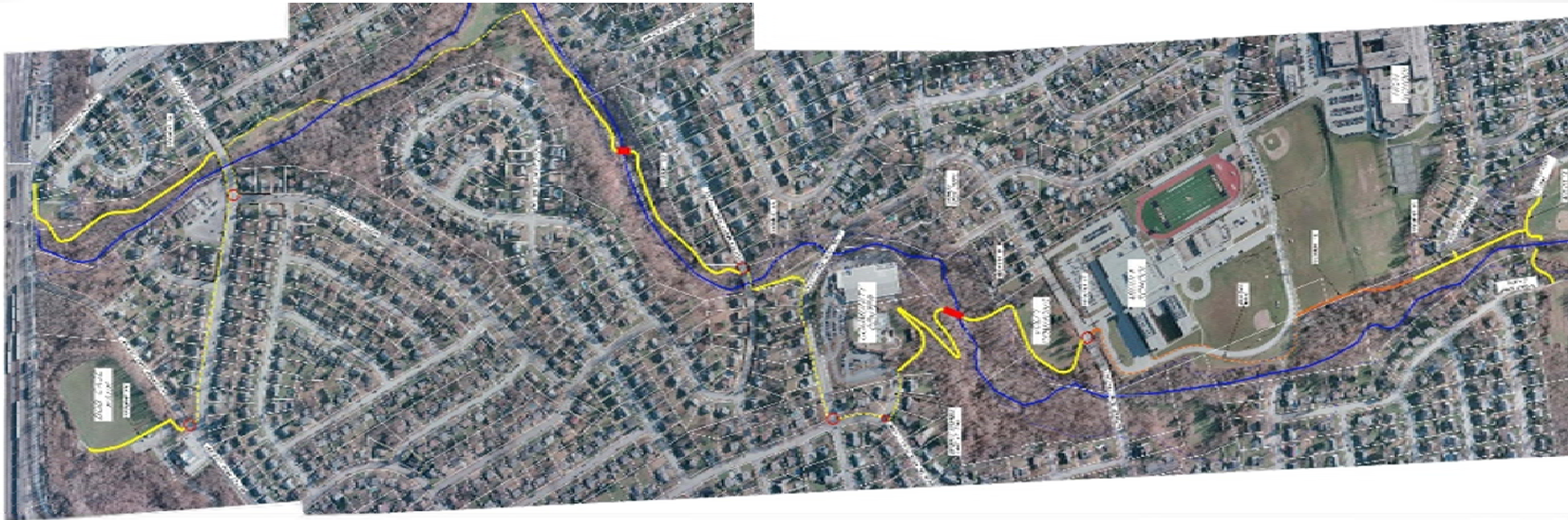
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Crow Creek Trail









Overall Trail Route



Crow Creek Trail



LEGEND

-  PROPOSED TRAIL SEGMENT TO BE DOCUMENTED ON HIGH SCHOOL LAND DEVELOPMENT PLANS BY SCHOOL DISTRICT'S ENGINEER
-  EXISTING WALKWAY TO BE USED FOR CROW CREEK TRAIL ROUTE (ON SCHOOL DISTRICT PROPERTY)
-  PROPOSED TRAIL SEGMENT TO BE DOCUMENTED ON CROW CREEK TRAIL PLANS
-  EXISTING WALKWAY TO BE USED FOR CROW CREEK TRAIL ROUTE (ON PUBLIC PROPERTY)
-  CROW CREEK (APPROXIMATE)
-  100-YEAR FLOODPLAIN
-  ROAD CROSSING
-  PROPOSED BRIDGE

Crow Creek Trail





Crow Creek Trail

Segment 1



Crow Creek Trail



Chester Creek Trail
Image courtesy of Campbell Thomas & Co.

Crow Creek Trail



Timber Boardwalk on Helical Pile Foundations
Image courtesy of TechnoMetalPost



Crow Creek Trail



Boxers Trail – Fairmount Park
Image courtesy of Campbell Thomas & Co.

Crow Creek Trail

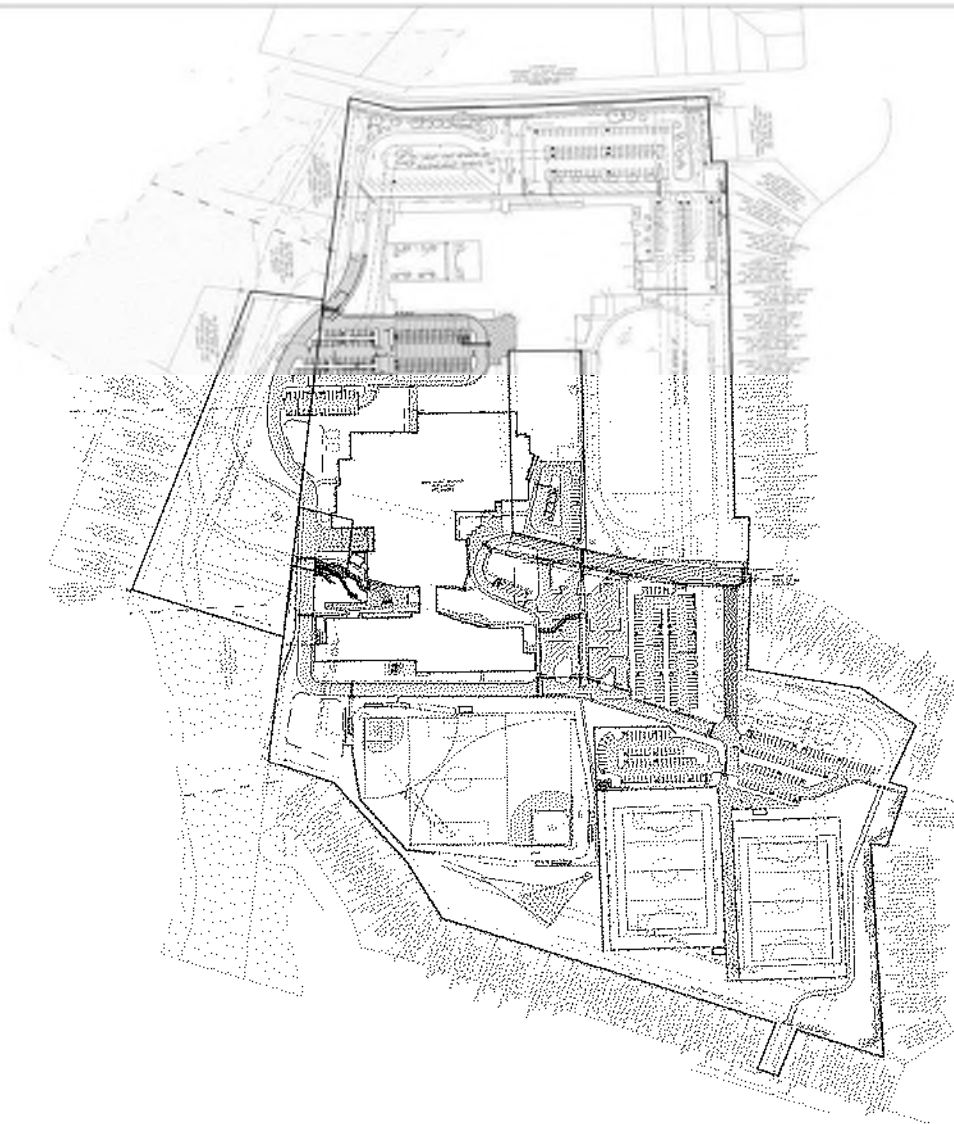


Sunnybrook Village Trail
Image courtesy of Gilmore & Associates

Crow Creek Trail



Crow Creek Trail



SITE LEGEND	
	EXISTING ROAD
	PROPOSED ROAD
	EXISTING BUILDING
	PROPOSED BUILDING
	EXISTING PARKING AREA
	PROPOSED PARKING AREA
	EXISTING LANDSCAPE
	PROPOSED LANDSCAPE
	EXISTING UTILITY
	PROPOSED UTILITY
	EXISTING FENCE
	PROPOSED FENCE
	EXISTING WALL
	PROPOSED WALL
	EXISTING GATE
	PROPOSED GATE
	EXISTING GATE POST
	PROPOSED GATE POST
	EXISTING GATE LATCH
	PROPOSED GATE LATCH
	EXISTING GATE HANDLE
	PROPOSED GATE HANDLE
	EXISTING GATE LOCK
	PROPOSED GATE LOCK
	EXISTING GATE KEY
	PROPOSED GATE KEY
	EXISTING GATE CHAIN
	PROPOSED GATE CHAIN
	EXISTING GATE BOLT
	PROPOSED GATE BOLT
	EXISTING GATE SCREW
	PROPOSED GATE SCREW
	EXISTING GATE NUT
	PROPOSED GATE NUT
	EXISTING GATE WASHER
	PROPOSED GATE WASHER
	EXISTING GATE SPACER
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	EXISTING GATE CLIP
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	EXISTING GATE PLUG
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	EXISTING GATE SEAL
	PROPOSED GATE SEAL
	EXISTING GATE GASKET
	PROPOSED GATE GASKET
	EXISTING GATE O-RING
	PROPOSED GATE O-RING
	EXISTING GATE BUSHING
	PROPOSED GATE BUSHING
	EXISTING GATE SLEEVE
	PROPOSED GATE SLEEVE
	EXISTING GATE COLLAR
	PROPOSED GATE COLLAR
	EXISTING GATE FLANGE
	PROPOSED GATE FLANGE
	EXISTING GATE BRACKET
	PROPOSED GATE BRACKET
	EXISTING GATE SUPPORT
	PROPOSED GATE SUPPORT
	EXISTING GATE BASE
	PROPOSED GATE BASE
	EXISTING GATE FOOTING
	PROPOSED GATE FOOTING
	EXISTING GATE FOUNDATION
	PROPOSED GATE FOUNDATION
	EXISTING GATE PIER
	PROPOSED GATE PIER
	EXISTING GATE COLUMN
	PROPOSED GATE COLUMN
	EXISTING GATE BEAM
	PROPOSED GATE BEAM
	EXISTING GATE JOIST
	PROPOSED GATE JOIST
	EXISTING GATE RAFTER
	PROPOSED GATE RAFTER
	EXISTING GATE TRUSS
	PROPOSED GATE TRUSS
	EXISTING GATE ROOF
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	EXISTING GATE WALL
	PROPOSED GATE WALL
	EXISTING GATE CEILING
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	EXISTING GATE DOOR
	PROPOSED GATE DOOR
	EXISTING GATE WINDOW
	PROPOSED GATE WINDOW
	EXISTING GATE VENT
	PROPOSED GATE VENT
	EXISTING GATE SCREEN
	PROPOSED GATE SCREEN
	EXISTING GATE SHUTTER
	PROPOSED GATE SHUTTER
	EXISTING GATE BLIND
	PROPOSED GATE BLIND
	EXISTING GATE CURTAIN
	PROPOSED GATE CURTAIN
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	PROPOSED GATE SHADE
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	PROPOSED GATE BLIND
	EXISTING GATE SHUTTER
	PROPOSED GATE SHUTTER
	EXISTING GATE BLIND

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TRAINING, RESEARCH & DEVELOPMENT

1. **Training** - The training of personnel in the use of the equipment is a continuous process. The training is conducted by the personnel of the equipment and is designed to ensure that the personnel are able to operate the equipment safely and efficiently. The training is conducted in a number of ways, including classroom instruction, on-the-job training, and simulation. The training is designed to ensure that the personnel are able to operate the equipment safely and efficiently.

2. **Research** - The research is conducted by the personnel of the equipment and is designed to ensure that the equipment is able to operate safely and efficiently. The research is conducted in a number of ways, including classroom instruction, on-the-job training, and simulation. The research is designed to ensure that the equipment is able to operate safely and efficiently.

3. **Development** - The development of the equipment is a continuous process. The development is conducted by the personnel of the equipment and is designed to ensure that the equipment is able to operate safely and efficiently. The development is conducted in a number of ways, including classroom instruction, on-the-job training, and simulation. The development is designed to ensure that the equipment is able to operate safely and efficiently.

EXERCISES

1. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Show that f is continuous at x_0 if and only if f is continuous at x_0 from the left and from the right.
2. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Show that f is continuous at x_0 if and only if f is continuous at x_0 from the left and from the right.
3. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Show that f is continuous at x_0 if and only if f is continuous at x_0 from the left and from the right.
4. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Show that f is continuous at x_0 if and only if f is continuous at x_0 from the left and from the right.
5. Let $f: \mathbb{R} \rightarrow \mathbb{R}$ be a function. Show that f is continuous at x_0 if and only if f is continuous at x_0 from the left and from the right.

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Upper Motion Area Second
District

Upper Merion Area High School
 1400 Crossfield Road,
 King of Prussia, PA 19406
 NEW CONSTRUCTION

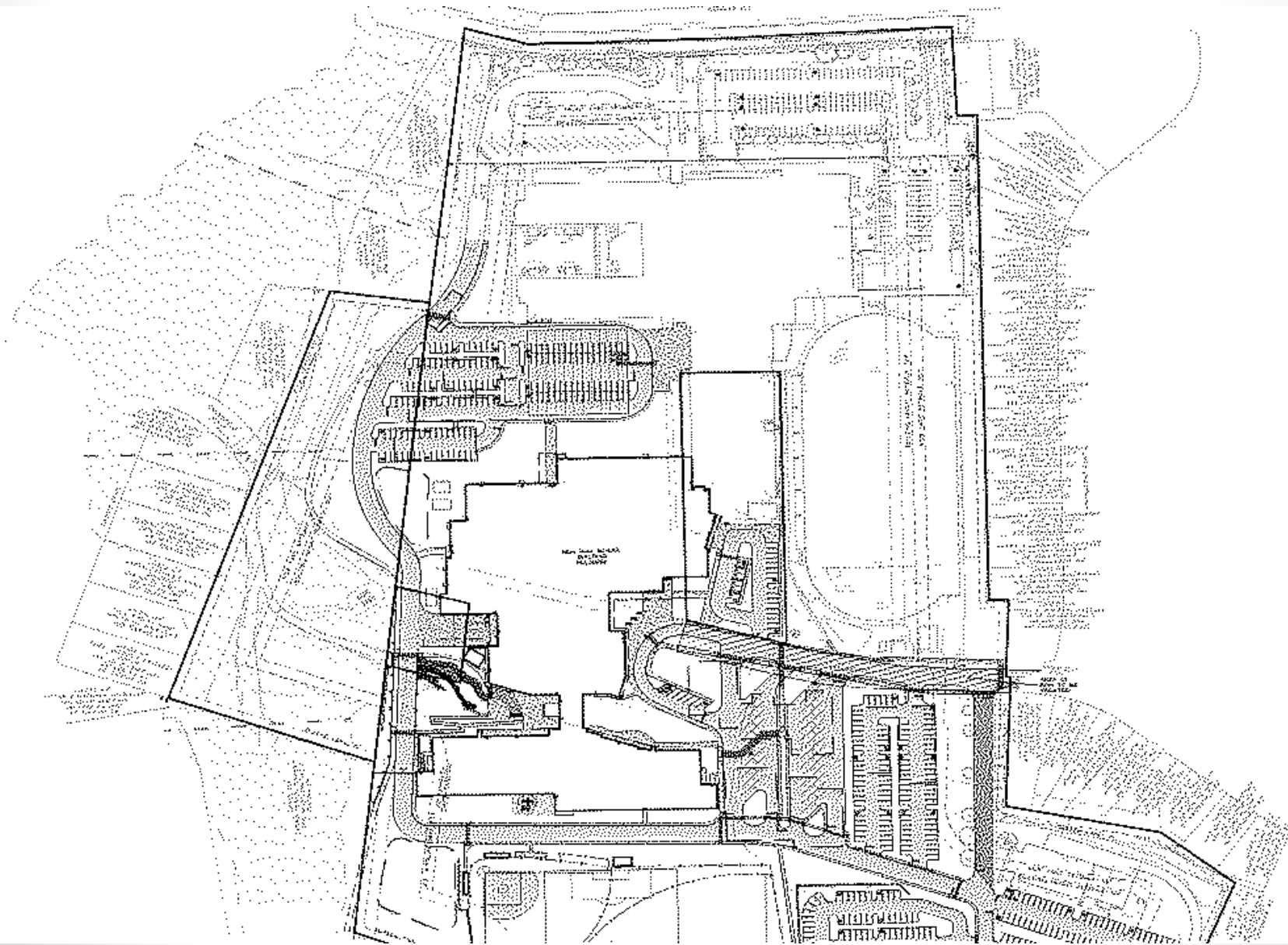
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Drawing revision: 12 of 16

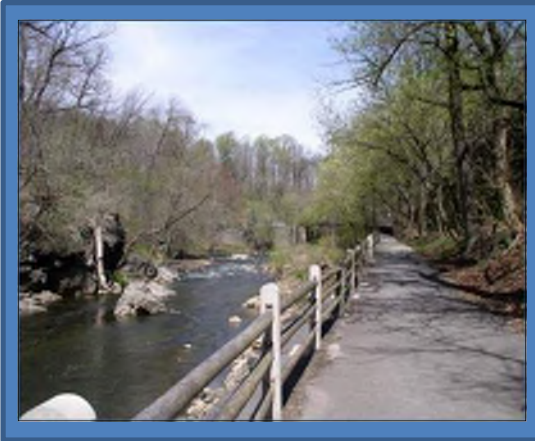
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Crow Creek Trail



Crow Creek Trail

Segment 2



Crow Creek Trail



Wissahickon Trail near Hermit Lane
Image courtesy of Campbell Thomas & Co.

Crow Creek Trail



Pedestrian bridge over creek in Yardley
Image courtesy of Gilmore & Associates

Crow Creek Trail



Trail near stream and residential properties at Sunnybrook Village
Image courtesy of Gilmore & Associates

Crow Creek Trail

Segment 3



Crow Creek Trail



Trail adjacent to recreational facilities
Image courtesy of Gilmore & Associates

Crow Creek Trail



Perkiomen Trail above creek
Image courtesy of Campbell Thomas & Co.

Crow Creek Trail

Questions