



Levittown School District

**Energy Performance Contract
Phase II Update:
Solar Locations**

August 28, 2024

2023
THROUGH
2026



Strategic Plan
SUCCESS FOR EVERY STUDENT

How is this initiative supported in the Strategic Plan?

Area 4: Long-term Success and Sustainability:

4.2- Explore ways to reduce District reliance on fund balance and reserves.

4.9- Enhance operating procedures in the District to ensure long-term efficiency and success.

July 2022- Board of Education Approves EPC Phase II

Levittown Public Schools

An Energy Conservation Plan



Johnson
Controls



Project Overview



Energy Performance Contracting is:

An agreement that allows school districts to take budgeted utility and operational costs and reallocate them into energy saving capital improvements without the need for increased taxes.

Energy Conservation
Measures (ECM) :
6

SED Payback:
17.9 years

Positive Cash Flow:
\$6,390,229

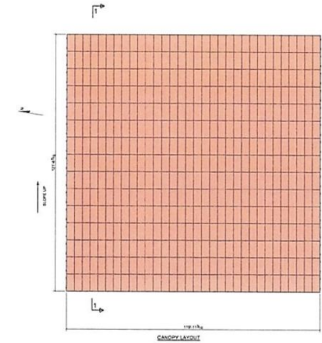
Project Cost:
\$12,210,238

District Annual
Energy Savings:
\$622,636

Abbey Lane Elementary School



CANOPY LAYOUT AND TYPES



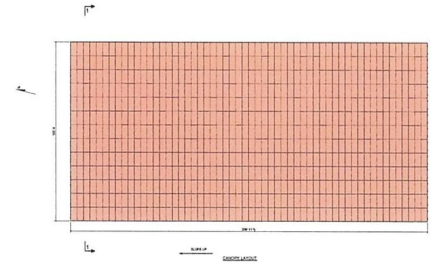
CANOPY TYPE 1 : 15-PANEL FLAT, ASYMMETRICAL, 2 COLUMNS

<i>Building</i>	<i>Location of carport</i>	<i>Equipment</i>	<i>Concrete Footings</i>	<i>Underground Piping</i>	<i>Tentative Steel Installation</i>	<i>Solar panel installation</i>	<i>Tie-in</i>	<i>Expected output in Kilowatts</i>
Abbey	East Parking lot (behind building)	Solar panels delivered to site	Not started	Not started	11/18/2024	TBD	TBD	280kW

Division Avenue High School



CANOPY LAYOUT AND TYPES



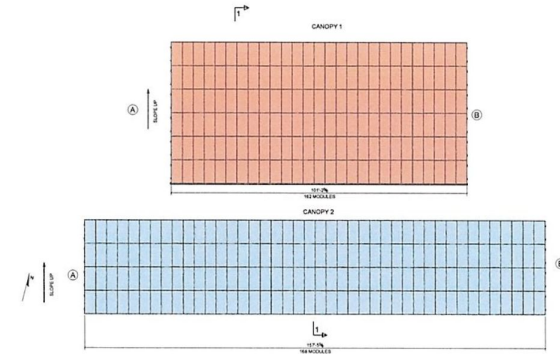
CANOPY TYPE 1 : 13-PANEL FLAT, ASYMMETRICAL, 2 COLUMNS

<i>Building</i>	<i>Location of carport</i>	<i>Equipment</i>	<i>Concrete Footings</i>	<i>Underground Piping</i>	<i>Tentative Steel Installation</i>	<i>Solar panel installation</i>	<i>Tie-in</i>	<i>Expected output in Kilowatts</i>
Division Ave HS	North Parking lot by tennis courts	Solar panels delivered to site	Complete	Complete	10/14/2024	TBD	TBD	570kW

Gardiners Avenue Elementary School



CANOPY LAYOUT AND TYPES



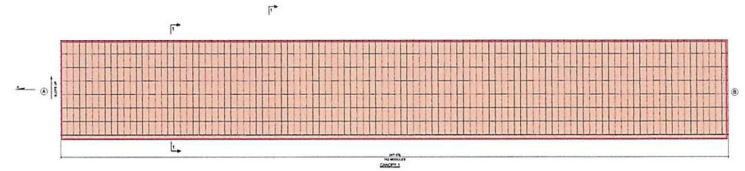
CANOPY TYPE 1 : 6-PANEL MONOSLOPE, SYMMETRICAL
 CANOPY TYPE 2: 4-PANEL MONOSLOPE, ASYMMETRICAL

Building	Location of carport	Equipment	Concrete Footings	Underground Piping	Tentative Steel Installation	Solar panel installation	Tie-in	Expected output in Kilowatts
Gardiners	North Parking Lot by basketball courts	Solar panels delivered to site	Not started	Not started	11/4/2024	TBD	TBD	189kW

LMEC/GC Tech



CANOPY LAYOUT AND TYPES



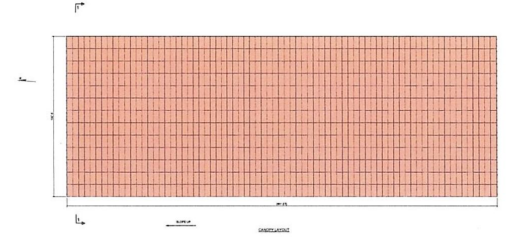
CANOPY TYPE 1-1 : 7-PANEL MONOSLOPE, SYMMETRICAL

<i>Building</i>	<i>Location of carport</i>	<i>Equipment</i>	<i>Concrete Footings</i>	<i>Underground Piping</i>	<i>Tentative Steel Installation</i>	<i>Solar panel installation</i>	<i>Tie-in</i>	<i>Expected output in Kilowatts</i>
Memorial	GC Tech parking lot	Solar panels delivered to site	Not started	Not started	11/11/2024	TBD	TBD	249KW

MacArthur High School



CANOPY LAYOUT AND TYPES



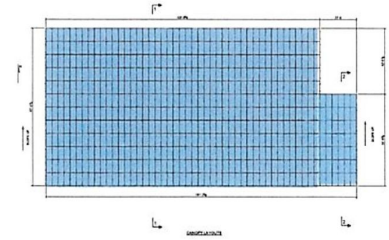
CANOPY TYPE 1 : 15-PANEL FLAT, ASYMMETRICAL, 2 COLUMNS

<i>Building</i>	<i>Location of carport</i>	<i>Equipment</i>	<i>Concrete Footings</i>	<i>Underground Piping</i>	<i>Tentative Steel Installation</i>	<i>Solar panel installation</i>	<i>Tie-in</i>	<i>Expected output in Kilowatts</i>
MacArthur HS	Main parking lot between Salk and Mac	Solar panels delivered to site	Complete	Complete	9/9/2024	TBD	TBD	585kW

Wisdom Lane Middle School



CANOPY LAYOUT AND TYPES



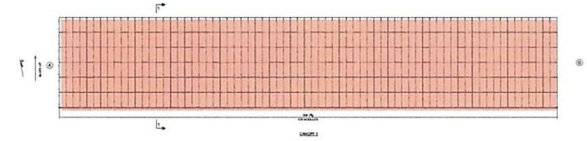
CANOPY TYPE: 12-PANEL MONOSLOPE, ASYMMETRICAL, 2 COLUMNS

<i>Building</i>	<i>Location of carport</i>	<i>Equipment</i>	<i>Concrete Footings</i>	<i>Underground Piping</i>	<i>Tentative Steel Installation</i>	<i>Solar panel installation</i>	<i>Tie-in</i>	<i>Expected output in Kilowatts</i>
Wisdom	North parking lot	Solar panels delivered to site	Not started	Not started	10/28/2024	TBD	TBD	320kW

Summit Lane Elementary School



CANOPY LAYOUT AND TYPES



CANOPY TYPE 1-1 : 6-PANEL MONOSLOPE, SYMMETRICAL

<i>Building</i>	<i>Location of carport</i>	<i>Equipment</i>	<i>Concrete Footings</i>	<i>Underground Piping</i>	<i>Tentative Steel Installation</i>	<i>Solar panel installation</i>	<i>Tie-in</i>	<i>Expected output in Kilowatts</i>
Summit	North parking lot along grass	Solar panels delivered to site	Complete	Complete	9/23/2024	TBD	TBD	249KW



QUESTIONS?