

The power behind **your mission**



# Derby Schools PV Systems

## BENEFITS

The power behind **your mission**



- ***75% State reimbursement via the School Construction Grant Program***

- *Approximately \$1.3M from the State upon completion of project*
- *State approved applications and Commitment Letters issued on 8/5/20*
- *Thank You to Mark Izzo & Matt Cunningham in their support and hard work through the Grant Application process!*
- **Annual Energy savings:**
  - *Combined electrical savings of \$92,188/ year*
- **Renewable energy credits:**
  - *Combined ZRECs expected to be \$54,731/ year*
  - *14-year duration*

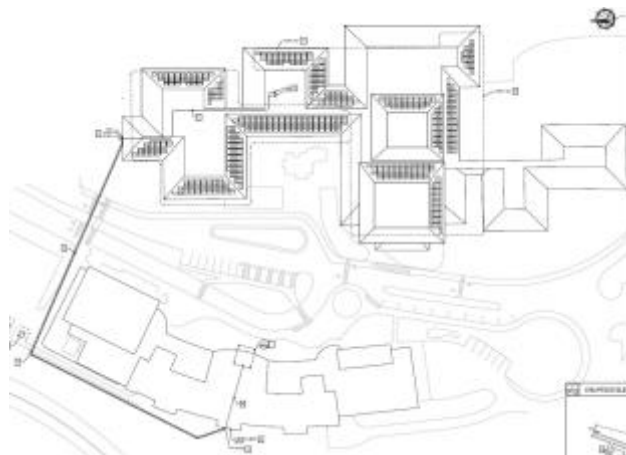
## OVERVIEW



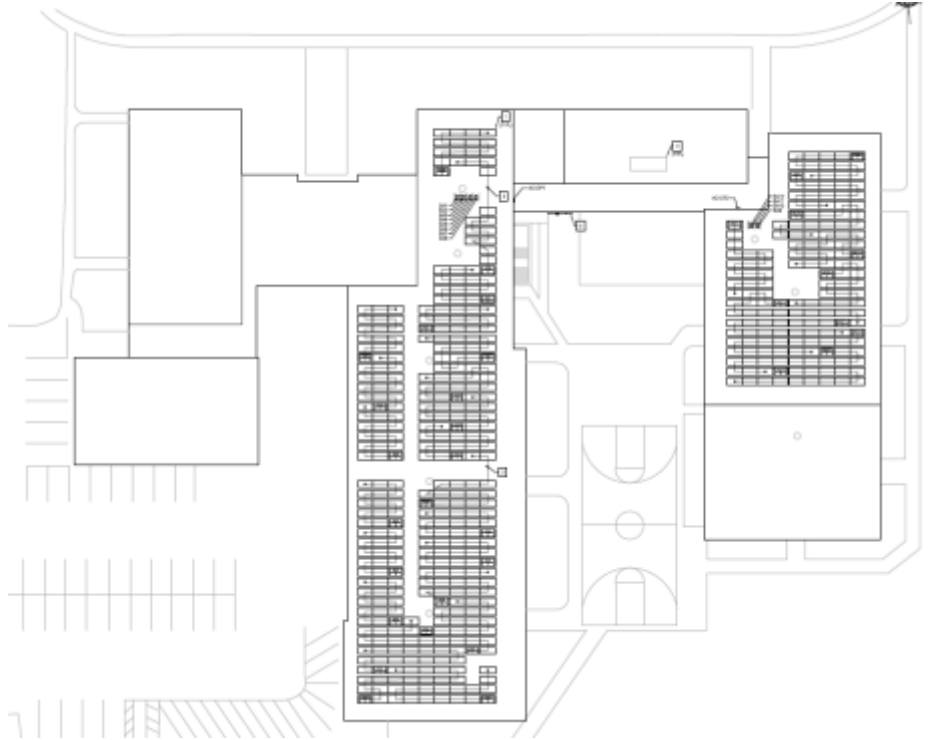
- **Derby Middle School - 247.9 kWdc**
  - *Arrays mounted on High School metal roof.*
  - *System Interconnects through the Middle School meter*
- **Bradley Elementary School - 201.36 kWdc**
  - *Ballasted Arrays on flat roof (Classroom wings)*
  - *Allows space for future HVAC equipment if needed*

- **Irving Elementary School - 61.6 kWdc**
  - *Ballasted Array over the Gym only*

## Solar PV Layouts



1 - Middle School/High School



2 - Bradley Elementary School



3 - Irving Elementary School

## The Grant Process



- **State Grant Application (s) - complete**
- **State Issued Commitment Letter (s) - complete**
  - *issued 8/5/2020 for all three schools*
- **State Review Process - In Progress**
  - Final Designs and statutory documents
  - Local review & approval
    - BOE. Plant & Facilities
    - Building, Fire, & Health
  - submit statutory documents to State
  - Submit technical documents to State
  - Pre-construction Review (PCR) conducted by State
  - State Approval to construct
- **Derby receives \$1.3M**

## Discussion

