

Data Source(s): Westwood (2020)

**Legend**

 Project Boundary

**Black Diamond Solar Project**

Christian County, Illinois

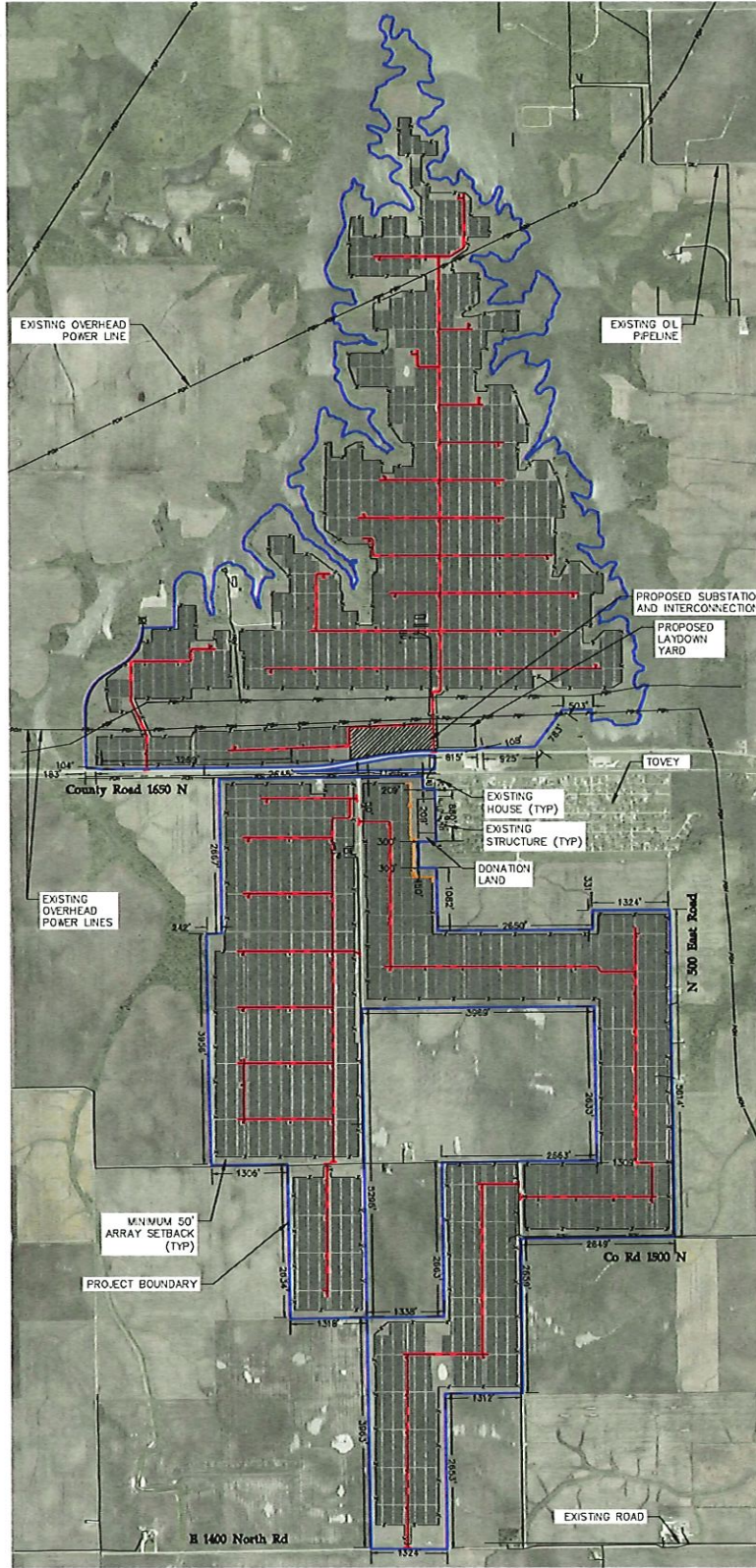
Project Boundary Map

August 12, 2020

**Westwood**  
Telephone: (888) 837-5150 [www.westwoodps.com](http://www.westwoodps.com)  
Westwood Professional Services, Inc.



0 1,250 2,500 5,000  
US Feet



**LEGEND**

|  |                                |
|--|--------------------------------|
|  | PROJECT BOUNDARY               |
|  | EX. OVERHEAD POWERLINE         |
|  | EX. OIL PIPELINE               |
|  | EX. RAILROAD CENTERLINE        |
|  | PROPOSED PERMANENT ACCESS ROAD |
|  | PROPOSED FENCE LINE            |
|  | PROPOSED SOLAR RACK            |
|  | PROPOSED INVERTER SHED         |

- GENERAL NOTES:**
- PV CAPACITIES  
383 MW-DC  
299 MW-AC
  - DC/AC RATIO: 1.28 AT POI
  - PITCH DISTANCE: 19 FEET
  - GCR: 36.8%
  - MODULE: 420W BIFACIAL
  - NUMBER OF MODULES: 911,988
  - NUMBER OF INVERTERS (3.02MW AT POI): 99
  - MAX HEIGHT OF STRUCTURES:  
8.1. SOLAR PANELS: 15'  
8.2. MICROWAVE TOWERS: 160'  
8.3. SUBSTATION SHIELD POLES: 100'
  - MINIMUM SETBACKS:  
9.1. ROAD ROW: 50'  
9.2. NON-PARTICIPATING PARCELS: 50'  
9.3. REMAINING EXISTING STRUCTURES: 100'

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Prepared for:  
  
**SWIFT CURRENT**  
 Glacier Sands Wind Power, LLC  
 144 High St  
 Boston, MA 02111

Designed: JLC  
 Checked: SJR  
 Drawn: JLC  
 As-Built Drawing: \_\_\_\_\_

# Black Diamond Solar Project

Christian County, Illinois

Preliminary Site Plan  
 Not for Construction

Date: 08/14/20  
 Sheet: 01 OF 01  
 022575 Solar OA Layout Exhibit.dwg