

# Green Earth, Inc.

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October 2, 2013

Dear Mayor Joel Fritzler and City Council Members,

Green Earth, Inc., wishes to put on record that it supports the Special Use Permit requested by Brightfields Development LLC to develop a solar array in the AG, General Agriculture, and GI, General Industrial districts for property located at 1555 North Marion Street. In doing so, Green Earth, Inc., is supporting the recommendations of the Planning Commission in this matter.

Green Earth, Inc., is a 501(c)3 non-for-profit land conservation organization that owns and maintains over 220 acres of natural areas open to the public in Carbondale. We support the development of the solar array because it is an environmentally sustainable use of the land. The subject property is currently unoccupied but has been undergoing environmental remediation to remove and contain environmental pollutants from its previous use as the former Koppers Wood Treating site.

Our particular interest in this project is that we have been in talks with Beazer East Inc., the current owners of the land, and Brightfields Development LLC for some time now about the future development of the site. We specifically hope that as the land is developed, that Green Earth will be granted access to the northern end of Pyles Fork Nature Preserve, one of our properties.

Thank you for your consideration.  
Sincerely,

  
David Gibson  
President, Green Earth, Inc.  
On behalf of the Board of Directors

cc: Kevin Baity, City Manager  
Chris Wallace, Development Services Director

# Exhibit F

## LEGEND

- PROPERTY BOUNDARY & SOLAR CONTROLLED AREA
- CAMU AND SUPPORT AREA (BEAZER)
- EDUCATIONAL KIOSK
- PARKING LOT (20 SPACES)
- CONSERVATION EASEMENT (HELD BY CITY)
- PROPOSED BIKE TRAIL AND GREENEARTH ACCESS
- FORMER PROCESS AREA SURFACE COVER

## PRELIMINARY SYSTEM SIZE

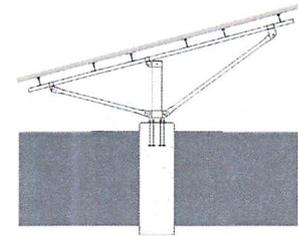
27.5 ACRES DRIVEN PILES  
 45.5 ACRES GROUND MOUNT  
 TOTAL: 73 ACRES  
 24.0 MWDC

## KEY

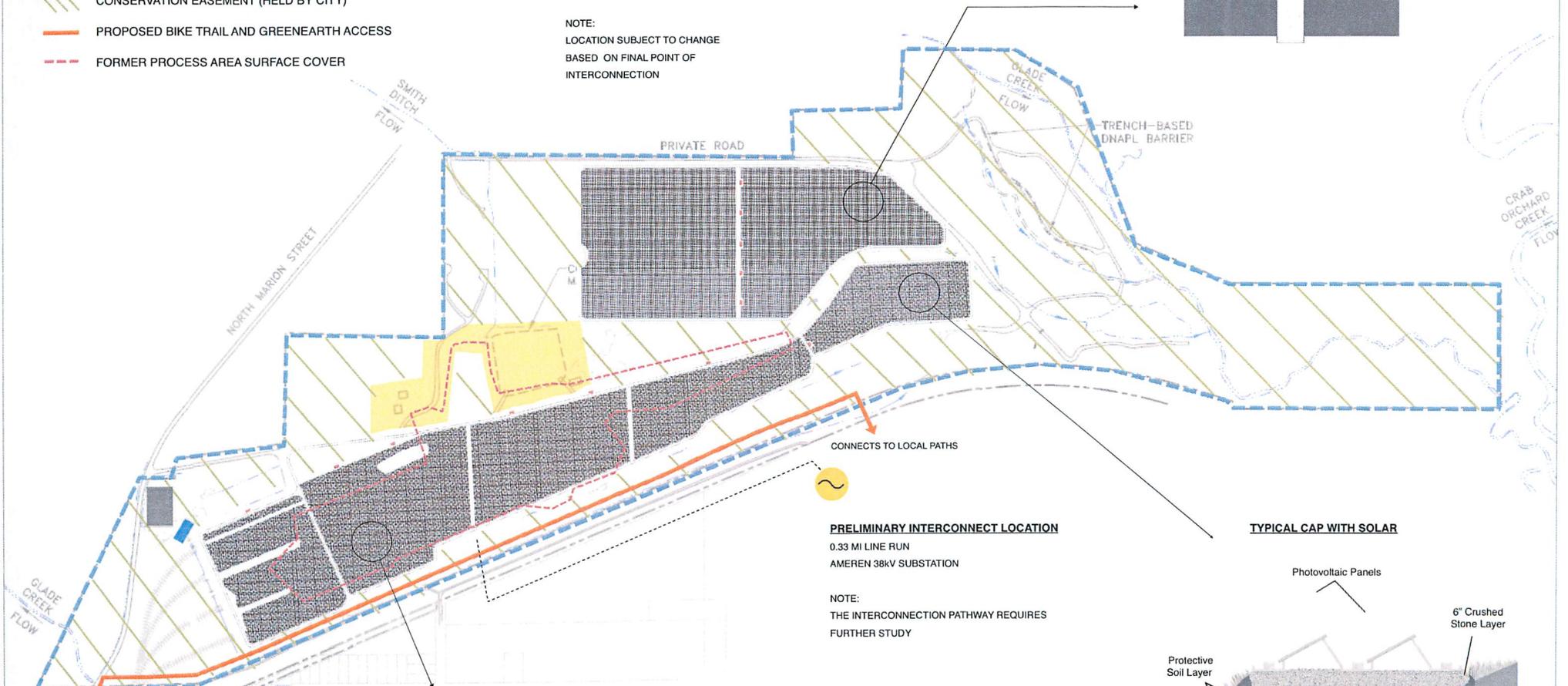
- APPROX. LOCATION OF EQUIPMENT PAD INVERTER / TRANSFORMER

NOTE:  
 LOCATION SUBJECT TO CHANGE  
 BASED ON FINAL POINT OF  
 INTERCONNECTION

## POLE MOUNT RACKING DETAIL



180 DEG.



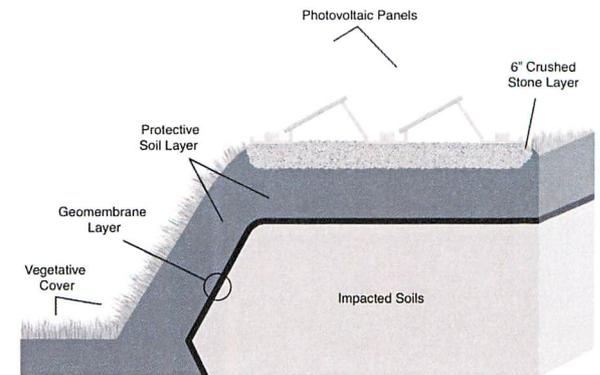
CONNECTS TO LOCAL PATHS

### PRELIMINARY INTERCONNECT LOCATION

0.33 MI LINE RUN  
 AMEREN 38kV SUBSTATION

NOTE:  
 THE INTERCONNECTION PATHWAY REQUIRES  
 FURTHER STUDY

### TYPICAL CAP WITH SOLAR



### SOLSTICE® GRAPHIC SCHEMATIC



NOTE:  
 EACH BLOCK INCLUDES ONE 245W, 60  
 CELL PANEL AND INDIVIDUAL BALLASTED  
 MOUNTING. PANELS ARE ATTACHED WITH  
 T CLIPS AND CONNECTED BOTH EAST-  
 WEST (PANEL TO PANEL) AND NORTH-  
 SOUTH (RACK TO RACK).

ZONE	A	REV	DESCRIPTION	REVISIONS	11-26-2012	NC	DWG BY	APV BY
			PRELIMINARY PV ARRAY LAYOUT, NOT FOR CONSTRUCTION					

### BEAZER EAST CARBONDALE

1555 NORTH MARION STREET  
 CARBONDALE, ILLINOIS 62901

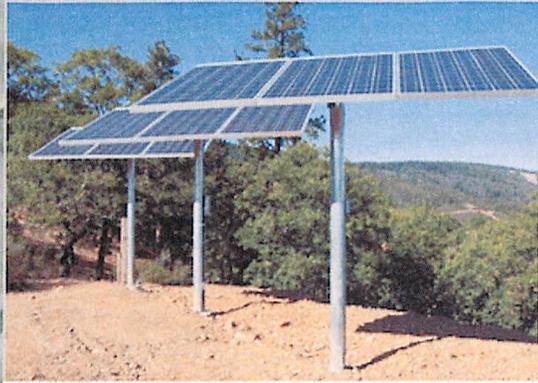


40 WALNUT STREET, SUITE 301  
 WELLSLEY, MA 02481  
 781-489-5229  
 INFO@BRIGHTFIELDSLLC.COM

### PROPERTY MAP & ARRAY LAYOUT

SOLSTICE® GROUND MOUNTED ARRAY  
 SHEET 1 OF 1

# Exhibit F



Typical Pole Mounted Racking for Use in Borrow Pit



Solar Project Education Kiosk



Low Impact Mounting for Capped Areas



Community Bike Trail



**Carbondale, IL**  
20MW (ac) Solar Project