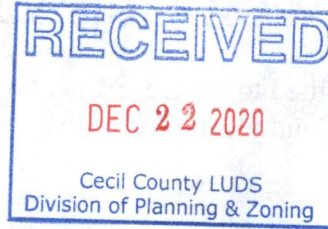


**BOARD OF APPEALS APPLICATION**  
**CECIL COUNTY, MARYLAND**

MEET. MONTH: Feb 2020  
 FILE NO. 4056

**THIS REQUEST IS FOR:**

- SPECIAL EXCEPTION RENEWAL
- SPECIAL EXCEPTION
- VARIANCE
- APPEAL



DATE FILED: 12/22/2020  
 AMOUNT PD: \$ 750.00  
 ACCEPTED BY: [Signature]

**A. APPLICANT INFORMATION**

Don Zimmerman - Alder Energy Solar  
 APPLICANT NAME - PLEASE PRINT CLEARLY

495 Jessen Lane Charleston SC 29492  
 ADDRESS CITY STATE ZIP CODE

[Signature] 843-353-0066  
 APPLICANT SIGNATURE PHONE NUMBER

**B. PROPERTY OWNER INFORMATION - ALL PROPERTY OWNERS MUST SIGN**

John L Harnish Marcia L Harnish  
 PROPERTY OWNER NAME - PLEASE PRINT CLEARLY

1030 Robert Fulton Highway Quarryville PA 17566  
 ADDRESS CITY STATE ZIP CODE

John L Harnish Marcia L Harnish 717 598-3766  
 PROPERTY OWNER SIGNATURE - ALL PROPERTY OWNERS MUST SIGN PHONE NUMBER

**C. PROPERTY INFORMATION**

0 Liberty Grove Rd, Colons, MD 21917 6<sup>th</sup> 138311  
 PROPERTY ADDRESS ELECTION DIST. ACCT. NUMBER

0017 2 640 null 31.495 NAR  
 TAX MAP # BLOCK PARCEL LOT # #ACRES ZONE

**D. PURPOSE OF APPLICATION** - Indicate reasons why this application should be granted. (attach separate sheet if necessary)

see printed statement A SPECIAL EXCEPTION TO OPERATE A POWER GENERATION FACILITY.

**E. On an attached sheet, PLEASE submit a sketch of the property indicating the proposed project. Show distances from the front, side and rear property lines and the dimensions of the project.**

**F. LAND USE DESIGNATION**

- Is property in the Critical Area?  YES  NO
- If yes, Pertinent provision of the Chesapeake Bay Critical Area Program: \_\_\_\_\_
- Is property in the 100 year Floodplain? ART. IV, PT. XII, S. 156  YES  NO
- Is property an Agricultural Preservation District? ART. XVII, PT. II, S. 311  YES  NO

If property is located in the Critical Area, all provisions and requirements must be met as outlined in Article XVII, Part I, II & III of the Zoning Ordinance.





## Application for Special Exception

Alder Energy Solar Systems

For Liberty Grove Road Community Solar Project

In Colora, MD, Cecil County

**Alder Energy Systems is interested in building a 2MW (megawatt) solar farm on Parcel # 0806138311, 0 Liberty Grove Road (31.495 acres, Zoned NAR. Site Coordinates: 39.674140, -76.090283)**

As a Maryland Community Solar farm, this project will produce clean energy for the surrounding community. Community members can benefit by purchasing a subscription to a portion of the electricity generated by a Community Solar Energy Generating System (CSEGS), they will receive a credit on their Delmarva Power bill for that share of the value of the CSEGS's energy production.

We will build our solar farm in such a way as to minimize the visibility of the array from the roads and property borders. All survey work required for the permitting process will be done by a local Civil Engineering firm. This solar farm will quietly, passively generate clean energy. We will plant pollinator-friendly groundcover grasses under the array to protect the soil and provide support for the native pollinator insects. Approximately 300-350 homes can be powered by this Community Solar project.

### **Liberty Grove Road Community Solar Benefits:**

- No water consumption
- No land disturbance (once the array is completed)
- No other infrastructure needs
- No additional traffic on local roadways
- No noise
- No pollution
- Potential county tax revenues from the project
- No strain on the local municipality resources (ie. Schools, Police, Garbage removal, Snow removal, etc.)
- Very low level of activity on site, other than a few maintenance visits over the course of the lifetime of the array

# Cecil County, MD - Online GIS

**Owner Name:**  
HARNISH

**ACCTID:** 0806138311

**CT2000:** 24015031300

**ADDRESS:** 0 LIBERTY GROVE RD

**CITY:** COLORA

**ZIPCODE:** 21917

**OWNNAME1:** HARNISH JOHN L

**OWNNAME2:** HARNISH MARCIA L

**OWNADD1:** 1030 ROBERT FULTON HWY

**OWNADD2:** null

**OWNCITY:** QUARRYVILLE

**OWNSTATE:** PA

**OWNERZIP:** 17566

**LEGAL1:** 31.495 ACRES

**LEGAL2:** LIBERTY GROVE ROAD

**LEGAL3:** NEAR COLORA

**TOWNCODE:** 0

**DESETOWN:** 0

**DSUBCODE:** 0

**DESCSUBD:** 0

**PLAT:** null

**MAP:** 0017

**PARCEL:** 640

**ZONING:** NAR

**DESCLU:** Agricultural

**ACRES:** 31.495

**STRUDWEL:** 0

**DESCDWEL:** Vacant

**SOFTSTRAC:** 0

**YEARBLT:** 0

**Results**

HARNISH JOHN L

[Zoom To](#)





ALDER ENERGY SYSTEMS  
 105 W. WASHINGTON ST.  
 CHARLESTON, SC 29402  
 843-388-5483  
 info@alder-energy.com  
 www.alder-energy.com

DRAWN BY

Jorge de la Morena  
 PV Engineering Manager

PROFESSIONAL ENGINEER CERTIFIED INFORMATION

SCALE FOR REF.

PROJECT NAME

Liberty Grove Rd.  
 Community Solar Program

DATE

11/18/20

DRAWING REVISIONS

NO. DESCRIPTION

0 Site plan

SEE DESCRIPTION

System size: 2.718KWdc/2.000KWac  
 System Type: Ground Mounted  
 Array tilt: Single axis tracker  
 Array azimuth: 180 degree  
 Est. Annual Production: 4,301 MWh  
 Number of modules: 6,630  
 Module manufacturer: VSUN  
 Module model: VSUN150-148MH 410W  
 Module efficiency: 18.5%  
 Number of inverters: 18  
 Inverter manufacturer: CFS  
 Inverter model: SCA125KTL (125KW)

SEE LOCATION

Liberty Grove Rd Parcel #0840  
 Colons, MD 21817  
 Latitude: 39.6742 north  
 Longitude: 76.0903 west

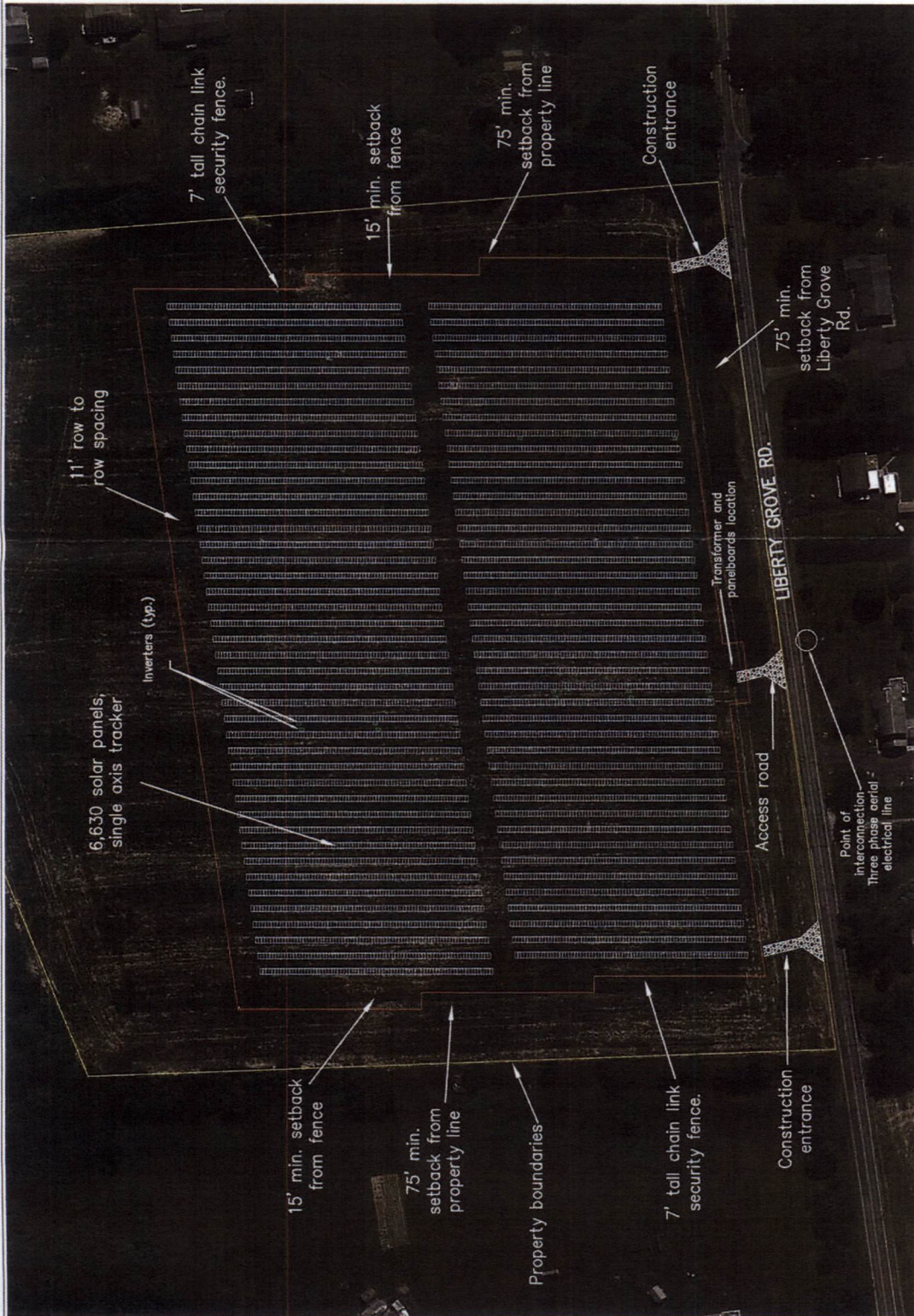
DRAWN BY:

SOLAR ARRAY LAYOUT

SHEET: 1 OF 2

PROJECT NO: PV-1

SCALE: AS NOTED



1 SOLAR ARRAY LAYOUT  
 SCALE 1"=50'







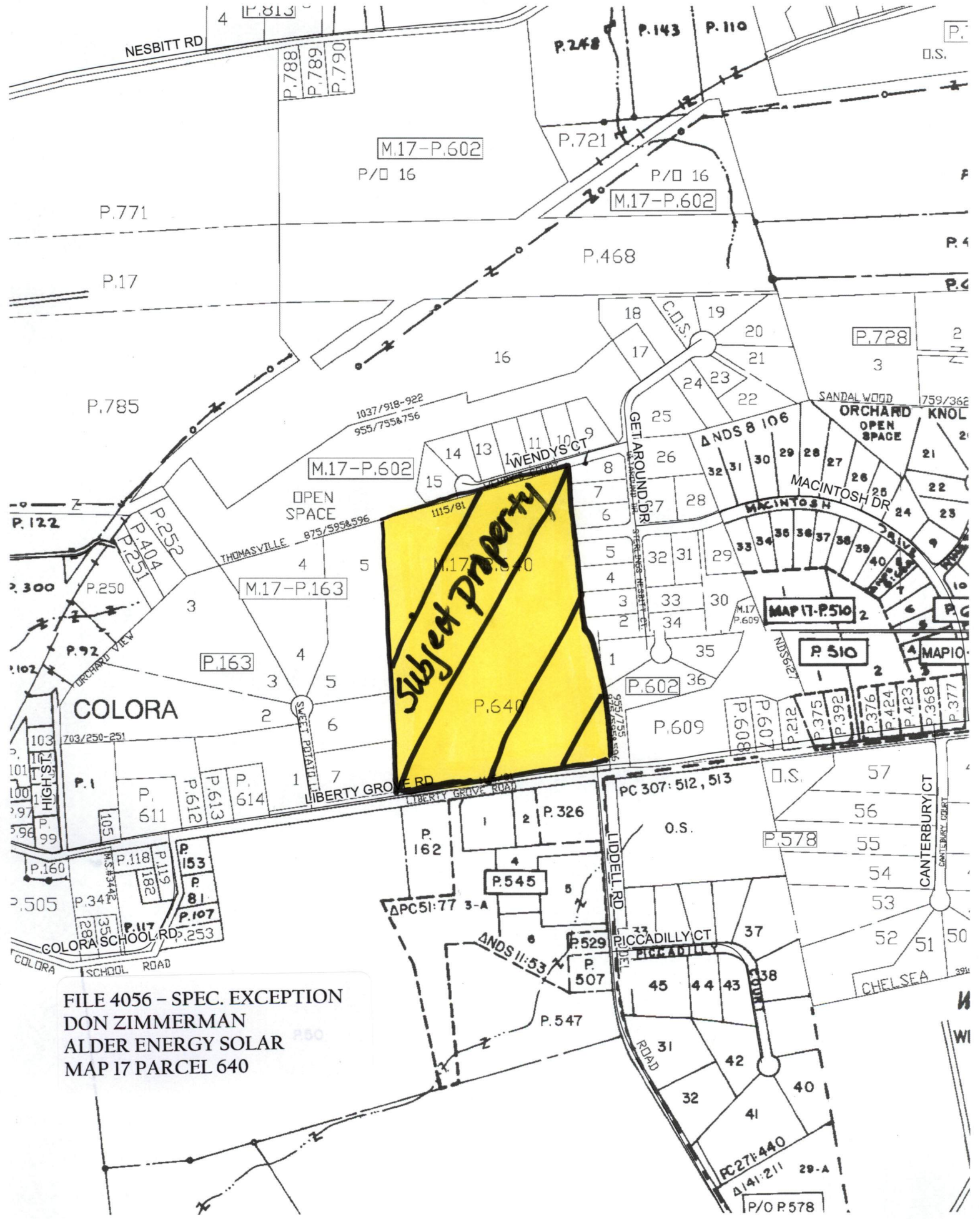
210 Research Boulevard  
 Suite 140  
 Aberdeen, Maryland 21001  
 410-399-2144

**Liberty Grove Solar Array**  
 Colera

- Legend**
- Contours\_2014\_all
  - Account Number
  - Lot Lines
  - Property Lines
  - Towns
  - County Boundary







**Subject Property**

FILE 4056 - SPEC. EXCEPTION  
 DON ZIMMERMAN  
 ALDER ENERGY SOLAR  
 MAP 17 PARCEL 640