

Menu Save Reset Cancel Help

Record Detail * (This section is required.)

Permit Type	Permit Number	Opened Date
Building/Residential/Misc/Solar Panel	B19003984	11/20/2019
Description of Work		
SFD/ INSTALL (45) GROUND-MOUNTED SOLAR PANELS		

[check spelling](#)

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type	
6581	BELMONT WOODS	RD	
Unit Type	Unit #	X Coordinate	Y Coordinate
--Select--		-76.74057	39.21786
City	State	Zip Code	Primary
ELKRIDGE	MD	21075	Yes

Parcel * (This section is required.)

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
870623	86	3.97	168200	738500	570300	ELKRID

Legal Description

IMPSPAR 1 3.977 A[]6581 BELMONT WOODS RD[]ELKRIDGE

[check spelling](#)

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
	PAR 1	601101	1	6			

Plan Area	State Tax Id	Subdivision Name	
	1401179101		
Section	Area	Tax Map	
		32	
Grid	Zoning District	ADC Map	
32-19	R-ED	4937-B6	
SDP No.	Final Plan No.	WP File No.	
Record Plat No.	WS Contract No.	FDP No.	Primary
			Yes
Owner Occupied	Year Built	Historic District	
<input type="radio"/> Yes <input type="radio"/> No	1727	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Historic District Registry No.	Stat Area	Flood Plain	
	1-04	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Building No			

Owner * (This section is required.)

Search Reset Clear

Name *
 SCHUMACHER DALE N

Address Line 1
 6581 BELMONT WOODS RD

Address Line 2

Address Line 3

Mail City	Mail State	Mail Zip Code
ELKRIDGE	MD	21075

Phone
 410-984-0789

Primary
 Yes

E-mail
 DALENSCHUMACHER@AOL.COM

Cell Number **Fax Number**

Professionals * (This section is required.)

Search Reset Clear

License # *	Business Name		
08050135907	LUMINA SOLAR INC		
License Type *	First Name	Middle Name	Last Name
MHIC Co	NOAH		JACOBS
Primary	Address Line 1		
No	12225 CLEGHORN ROAD		
	Address Line 2		
	City	State	ZIP Code
	COCKEYSVILLE	MD	21030-0000
	Phone 1	Phone 2	Fax
	443-814-7246		
	E-mail		
	NJACOBS@FUSIONSS.NET		

Applicant * (This section is required.)

Search As Owner As Lic. Prof As Contact

Type *	First Name	MI	Last Name
Applicant	ERIN		KELLY
Relationship	Full Name		
Applicant	ERIN KELLY		
Primary	Organization Name		
Yes	LUMINA SOLAR INC		
	Street Address		
	3701 COMMERCE DRIVE, SUITE 108		
	Address Line 2		
	City	State	Zip Code
	BALTIMORE	MD	21227
	Phone	Cell	Fax
	443-814-7246		
	E-mail *		
	erin@luminasolar.com		

Addtl Info

Est Construction Cost *	Housing Units *	Number of Buildings *	Public Owned
44000	0	0	No
Construction Type			
--Select--			

SITE INSPECTION SHEET

OWNER: Dale Schumacher PHONE #: _____

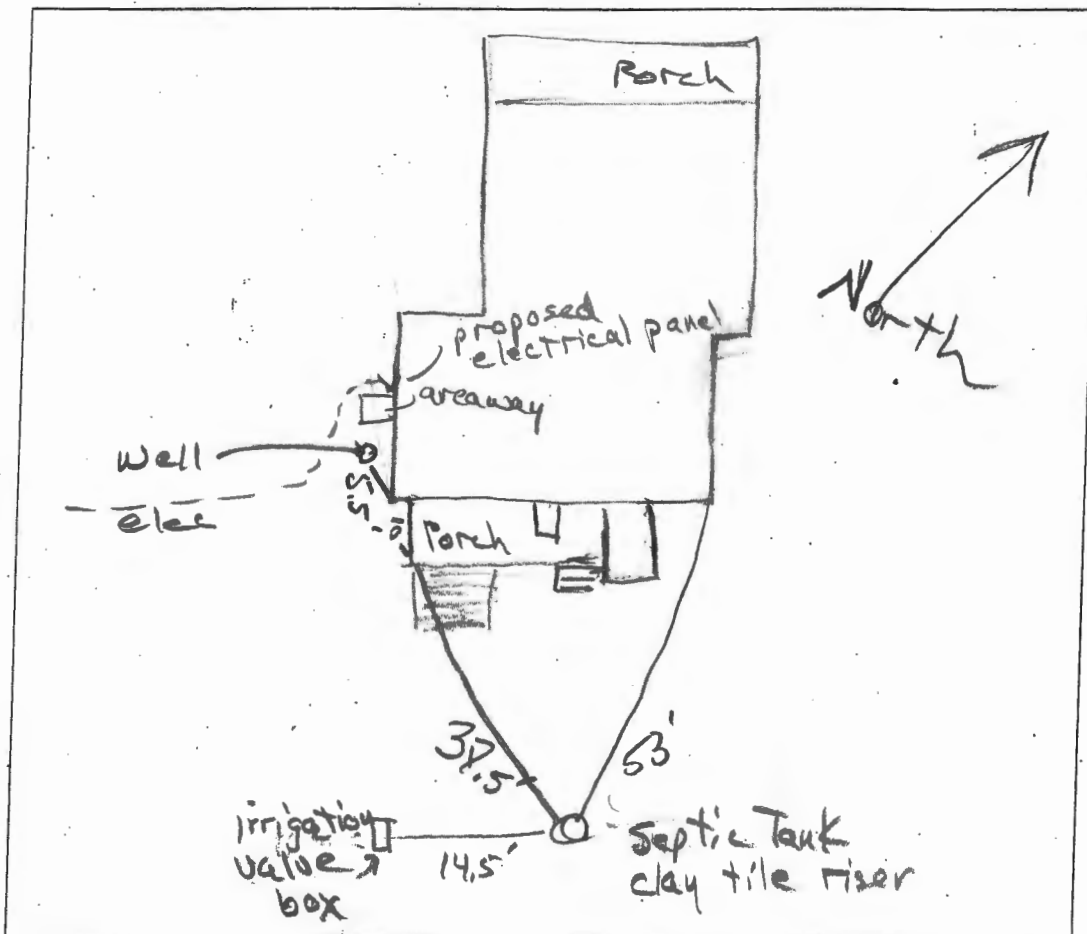
ADDRESS: 6581 Belmont Woods Dr CONTRACTOR: _____

_____ WELL TAG #: _____

SUBDIVISION: _____ LOT: _____ COUNTY #: _____

PROPOSAL: Install solar panel array and connect to 'grid'
Electrical conductor will not cross well line.

LOCATION DIAGRAM



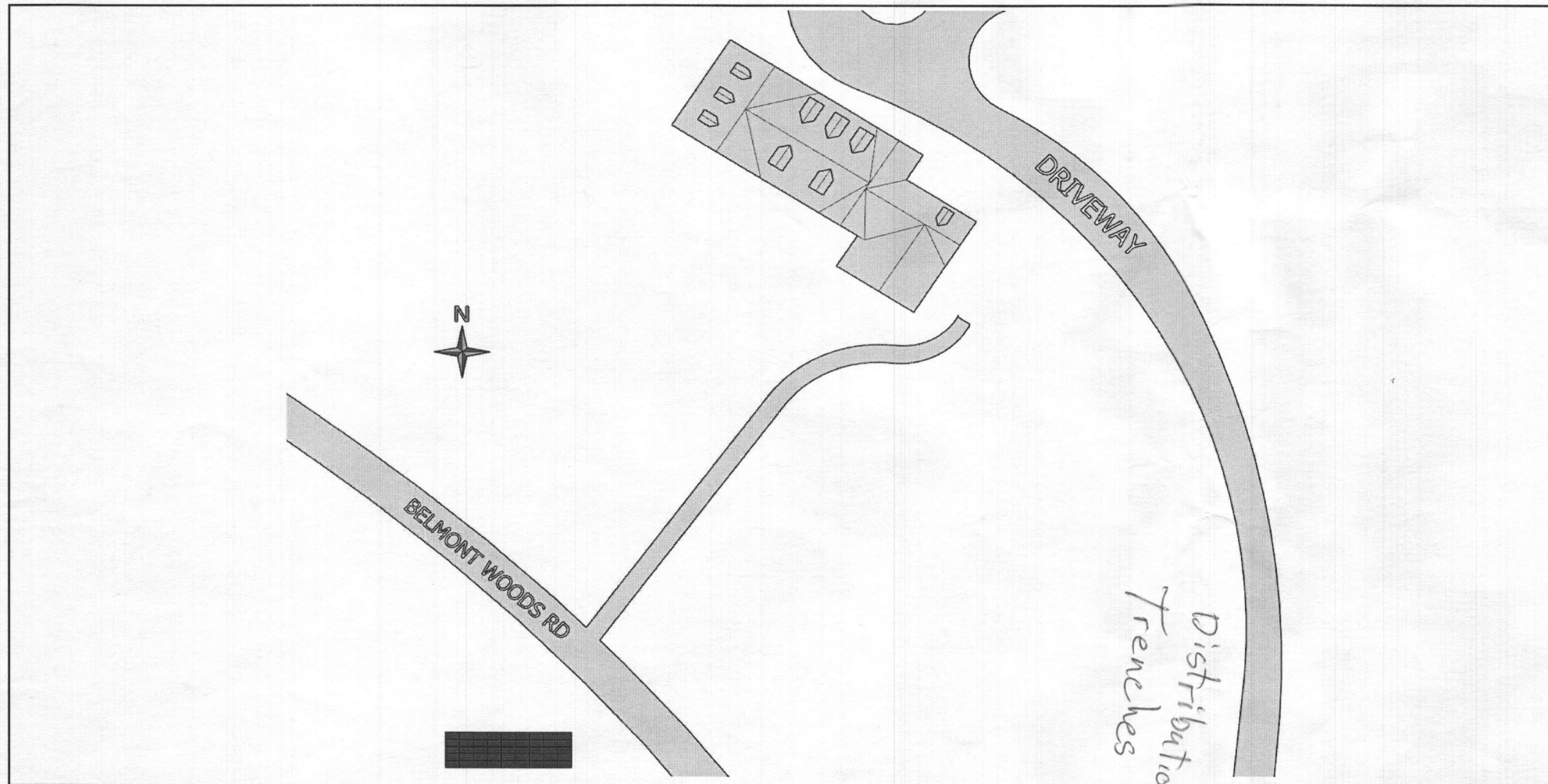
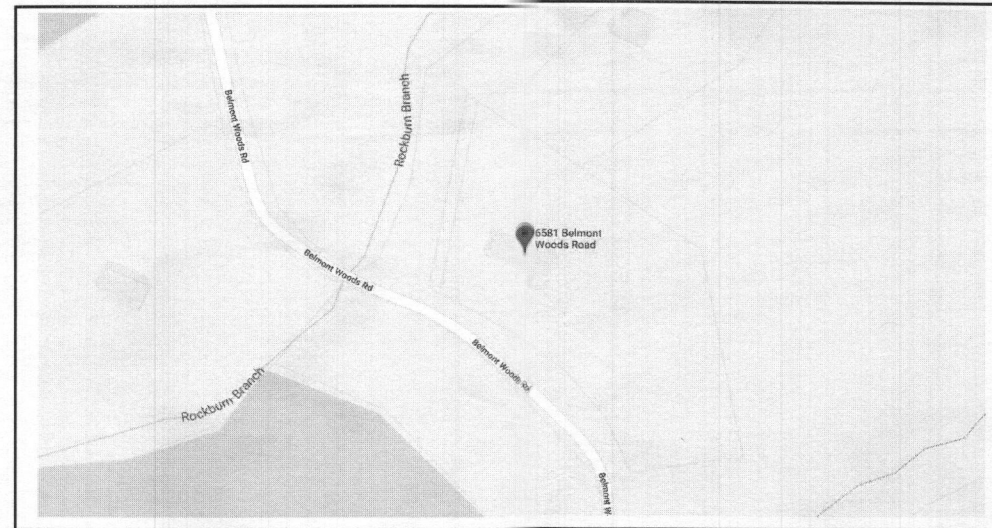
COMMENTS: Well is older casing and at about 6 inches
above grade, has one-piece cap, and is in good condition.
No evidence of failure around septic system
components

Well equipment/pump are in basement.

DATE: 11/26/19

INSPECTOR: R Bricker

PROJECT DETAILS	
PROPERTY OWNER	Dale Schumacher
PROPERTY ADDRESS	6581 Belmont Woods Rd Elkridge, MD 21075
ZONING	Residential
AHJ	Howard County
AHJ ADDRESS	3430 Court House Drive Ellicott City, MD 21043
BUILDING CODE	IBC 2018
ELECTRICAL CODE	NEC 2017
ASCE VERSION	ASCE-7-16
ADDITIONAL CODES	Underwriters Laboratories (UL) Std. OSHA 29 CFR 1910.269



SYSTEM DETAILS	
DC RATING	14.175 kW DC
AC RATING	10.8 kW AC
RACKING	SF Rail Ground Mount
MODULE	(45) Jinko 315W
INVERTER	(45) Enphase IQ7

FOR OFFICIAL USE ONLY

PROJECT SCOPE

This project involves the installation of (45) Jinko 315W solar modules. The solar modules will be racked using a pre-engineered racking system. The racked modules will be electrically connected with (45) Enphase IQ7 DC to AC power inverters, and interconnected to the local utility using means and methods consistent with the rules enforced by the local utility and permitting jurisdiction.

INDEX OF PAGES	
Z001	Cover Page
A001	Site Plan
S001	Description of Work & Load Calcs
S002	Description of Work & Load Calcs
S003	Description of Work & Load Calcs
E001	Electrical - Line Diagram
E002	Electrical - Wire Calcs
E003	String & Conduit Layout
E004	Equipment Ratings & Signage

APPENDIX	REVISIONS	
	Module Datasheet	
	Inverter Datasheet	
	Mounting System Datasheet	
	UL 2703 Ground & Bonding Cert.	
Anchor Datasheet		

Schumacher PROJECT
6581 Belmont Woods Rd
Elkridge, MD 21075


FUSION
SOLAR SERVICES

3701 Commerce Dr
Suite 101
Baltimore, MD 21227
(443) 955-0779
LICENSE NUMBER:
MHIC-30991

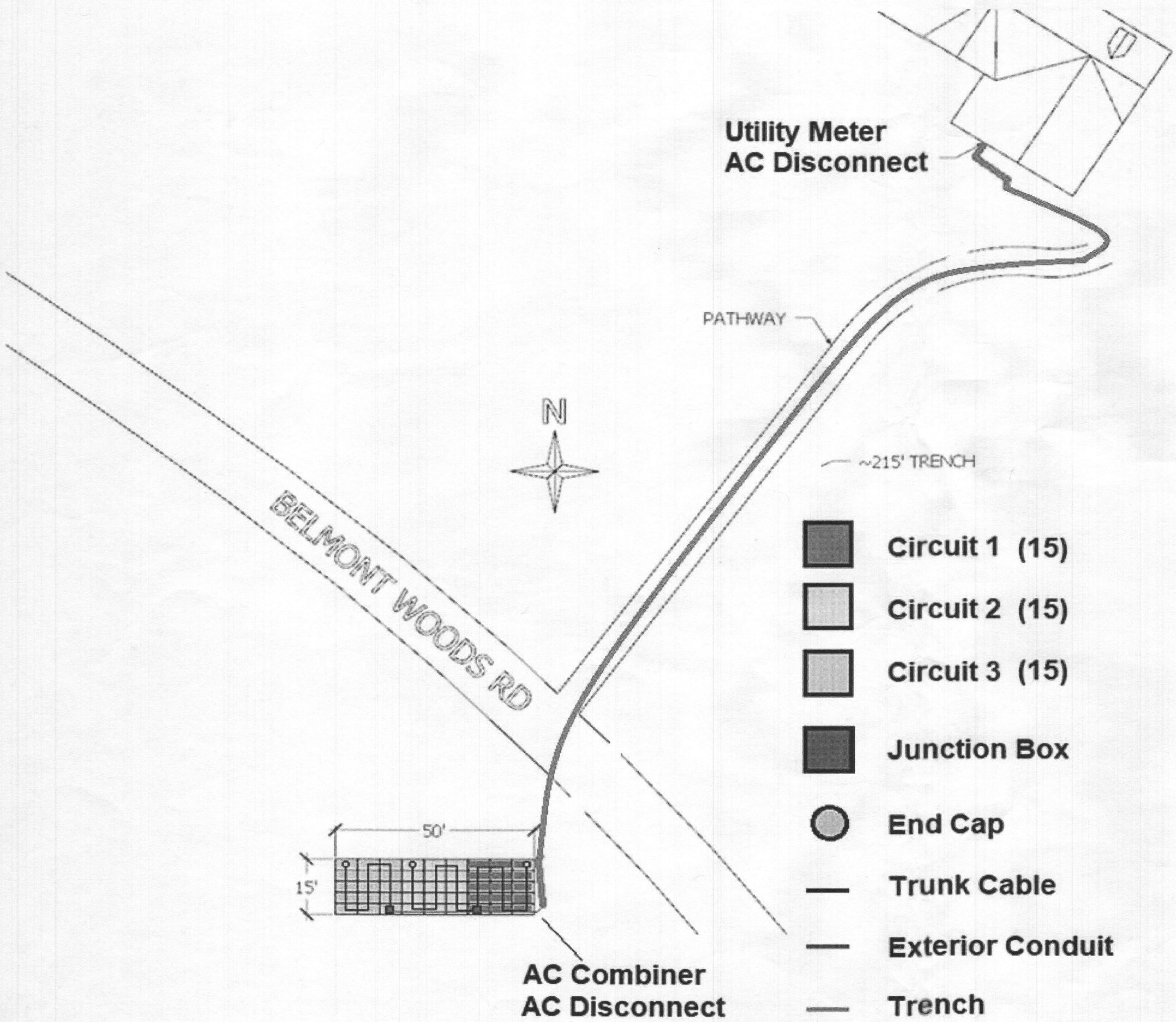
REV	Date
IFC	11/27
-	-
-	-

COVER PAGE

Z001

FOR ENGINEERING USE ONLY

String & Conduit Layout for Schumacher - 14.175 kW DC Photovoltaic Solar Array



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REVISIONS

REV	Date
IFC	11/27
-	-
-	-

STRING & CONDUIT
LAYOUT

E003