

Menu Save Reset Cancel Help

Record Detail * (This section is required.)

Permit Type	Permit Number	Opened Date
Building/Residential/Misc/Solar Panel	B24003962	10/16/2024

Description of Work

SFD/ Installing 44 Ground Mounted Solar Panels**SUBJECT TO FIELD INSPECTION**

[check spelling](#)

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type
11921	FAR SIDE	RD
Unit Type	Unit #	X Coordinate
-Select-		-76.91384
		Y Coordinate
		39.25425
City	State	Zip Code
ELLCOTT CITY	MD	21042
	Primary	
	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
889534	126	3.5	348700	1381000	679200	RURAL

Legal Description

LOT 51 3.502 AR []11921 FAR SIDE RD N []FAR SIDE

[check spelling](#)

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
	51	603000	5				
Plan Area	State Tax Id	Subdivision Name					
	1403307298	FAR SIDE					
Section	Area	Tax Map					
		23					
Grid	Zoning District	ADC Map					
23-21	RC-DEO	4814-D10					
SDP No.	Final Plan No.	WP File No.					
Record Plat No.	WS Contract No.	FDP No.			Primary		
4411					Yes		
Owner Occupied	Year Built	Historic District					
☐ Yes ☒ No	1990	☐ Yes ☒ No					
Historic District Registry No.	Stat Area	Flood Plain					
	3-09A	☐ Yes ☒ No					
Building No							

Owner * (This section is required.)

Search Reset Clear

Name *

JANAN

Address Line 1

11921 FAR SIDE RD

Address Line 2

Address Line 3

Mail City

Approved Septic System Plan
Howard County Health Department
Bunard 10-24-24
Signature Date
B24003962

ELLCOTT CITY

Mail State

MD

Mail Zip Code

21042

Phone

301-788-4003

Primary

Yes

E-mail

Cell Number

Fax Number

Professionals (This section is required.)

License #

08050126665

License Type

MHIC Co

Primary

Yes

Business Name

SUSTAINABLE ENERGY SYSTEMS LLC

First Name

Middle Name

Last Name

✓ ZAYN

BRADLEY

Address Line 1

✓ 4509, H, METROPOLITAN COURT

Address Line 2

City

FREDERICK

State

MD

ZIP Code

21704-0000

Phone 1

3012400502

Phone 2

Fax

E-mail

ZAYN@SUSTAINABLEENERGYSYSTEMS.NET

Applicant (This section is required.)

Search

As Owner

As Lic. Prof

As Contact

Type

Applicant

Relationship

Applicant

Primary

Yes

First Name

Roland

MI

Last Name

Belles

Full Name

✓ Roland Belles

Organization Name

Sustainable Energy Systems

Street Address

4509 Metropolitan Court Suite H

Address Line 2

City

Frederick

State

MD

Zip Code

21704

Phone

3017884003

Cell

Fax

E-mail

permitting@sustainableenergysystems.net

Addtl Info

Est Construction Cost

37840

Housing Units

0

Number of Buildings

0

Public Owned

No

Construction Type

--Select--

RESIDENTIAL SOLAR PANEL INFO

SOLAR PANEL INFORMATION

Capital Project-No Fee

☐ Yes ☒ No

Type of Installation

Solar Collector - Ground Mount

Number of Panels

✓ 44

Water Supply

(Number) Private

Sewage Disposal

✓ Private

Expiration Date

✓ 4/16/2025

Existing Use

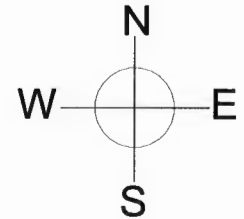
SFD

Sprinkler System

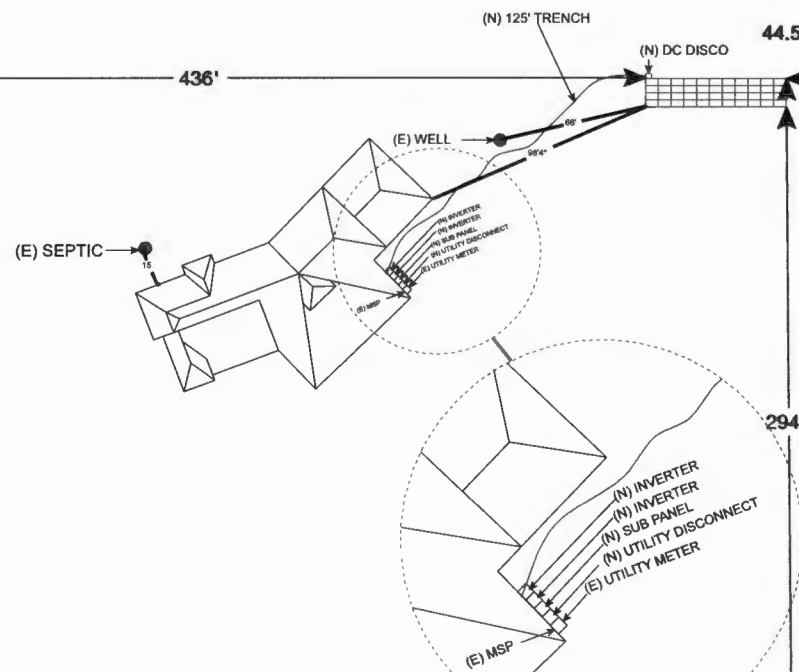
✓ ☐ Yes ☒ No

PAYMENT INFORMATION

Crystal Janani 18.920 kW
11921 Farside Rd.
Ellicott City, MD 21042
(225) 270-0011
cjanani1@gmail.com



Farside Rd.



Approved Septic System Plan
Howard County Health Department

DBennett
Signature

10-24-24
Date

SOLAR PV PROJECT, JANANI, CRYSTAL 18.920 kW

11921 Farside Rd, Ellicott City, MD 21042

DRAWING INDEX	BOS / TRENCH DRAWINGS	
G000 COVER Z001 SITE PLAN S001 ARRAY LAYOUT S002 STRING LAYOUT S003 SECTION S004 SECTION S005 SECTION E001 ONE LINE CUTSHEETS	 Run PV feed to DC discs before entering 12x12 J-box to enter 125' Trench to house  Cut 125' trench to house. Must cross Verizon Comm wire - 3 feet from line well. Exit trench to 12x12 J-box and use T-body to split DC between INVs. Run AC&DC in separate conduit between INVs. Combine AC feeds in Suti panel before ensuring faultless style AC disconnect. Exit AC disconnect and penetrate into basement Verizon Comm. cable 125' Trench  Bring PV feed into basement. Punch into top of MSP and perform line side tap in MSP. Land ground wire on ground bar. Do not crimp to Al ground.	
SCOPE OF WORK: Installing 44 Ground Mounted Solar Panels - 18.920 kW		
APPROVED BY: (sign here)		

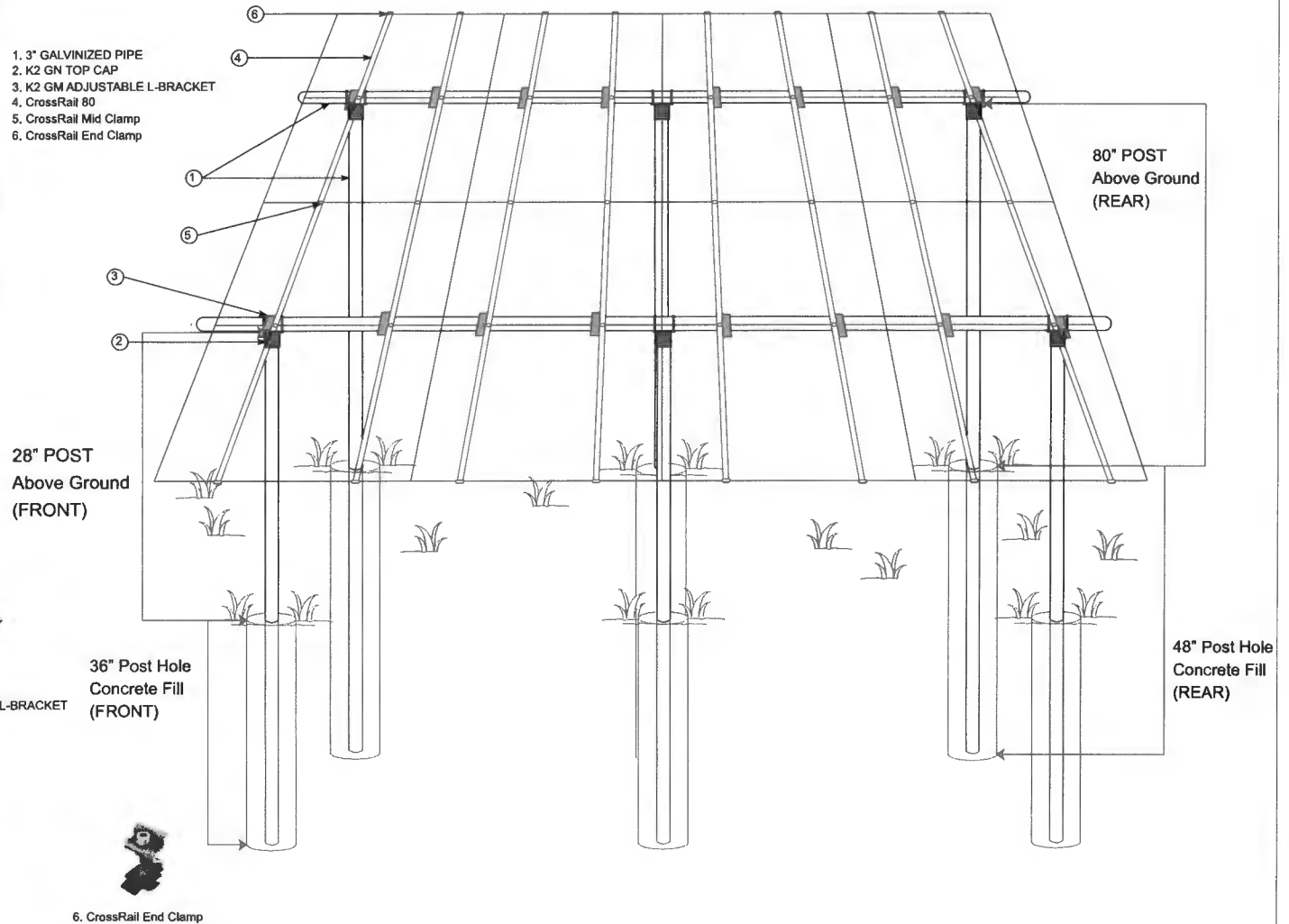
ARRAY LAYOUT

PV MODULE SPECS:

REC 430 watt
Module Weight: 47.8 lbs
Module Length: 73.4"
Module Width: 40.9"

Frame: 1.2" (30mm)

Crystal Janani 18.920 kW
11921 Farside Rd.
Ellicott City, MD 21042
(225) 270-0011
cjanani1@gmail.com



2. K2 GN TOP CAP



3. K2 GM ADJUSTABLE L-BRACKET



4. CrossRail 80



5. CrossRail Mid Clamp



6. CrossRail End Clamp

Sustainable Energy Systems, LLC

301-788-4003

4509 METROPOLITAN CT FREDERICK, MD 21704

KH

S001 ARRAY LAYOUT

Crystal Janani 18.920 kW
 11921 Farside Rd.
 Ellicott City, MD 21042
 (225) 270-0011
 cjanani1@gmail.com

Color Key

Solar Panels

PV Strings

Rails (Everest)

Structure (3" galv Pipe)

Inverter: (1) SolarEdge SE11400H-US

String 1- 10 modules

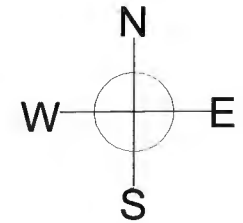
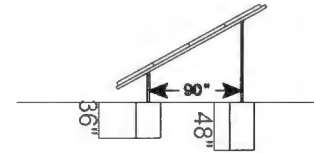
String 2- 8 modules

String 3- 8 modules

Inverter: (2) SolarEdge SE7600H-US

String 4- 9 modules

String 5- 9 modules



PV MODULE SPECS:

REC 430 watt

Module Weight: 47.8 lbs

Module Length: 73.4"

Module Width: 40.9"

Frame: 1.2" (30mm)

— K2 Cross Rail 80 172" - 22

☐ K2 3" Top Cap - 14

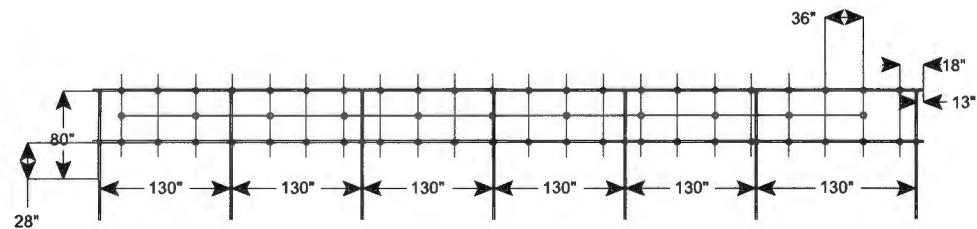
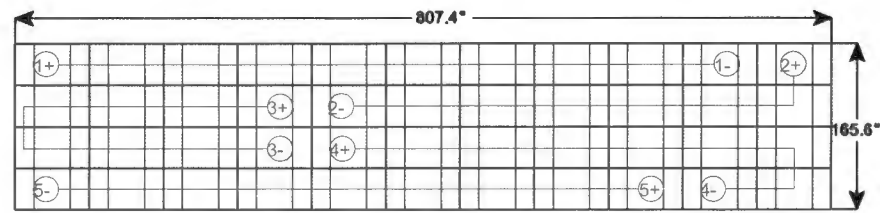
○ K2 3" L Bracket Kit - 44

○ Ground Lugs - 11

Mid Clips - 66

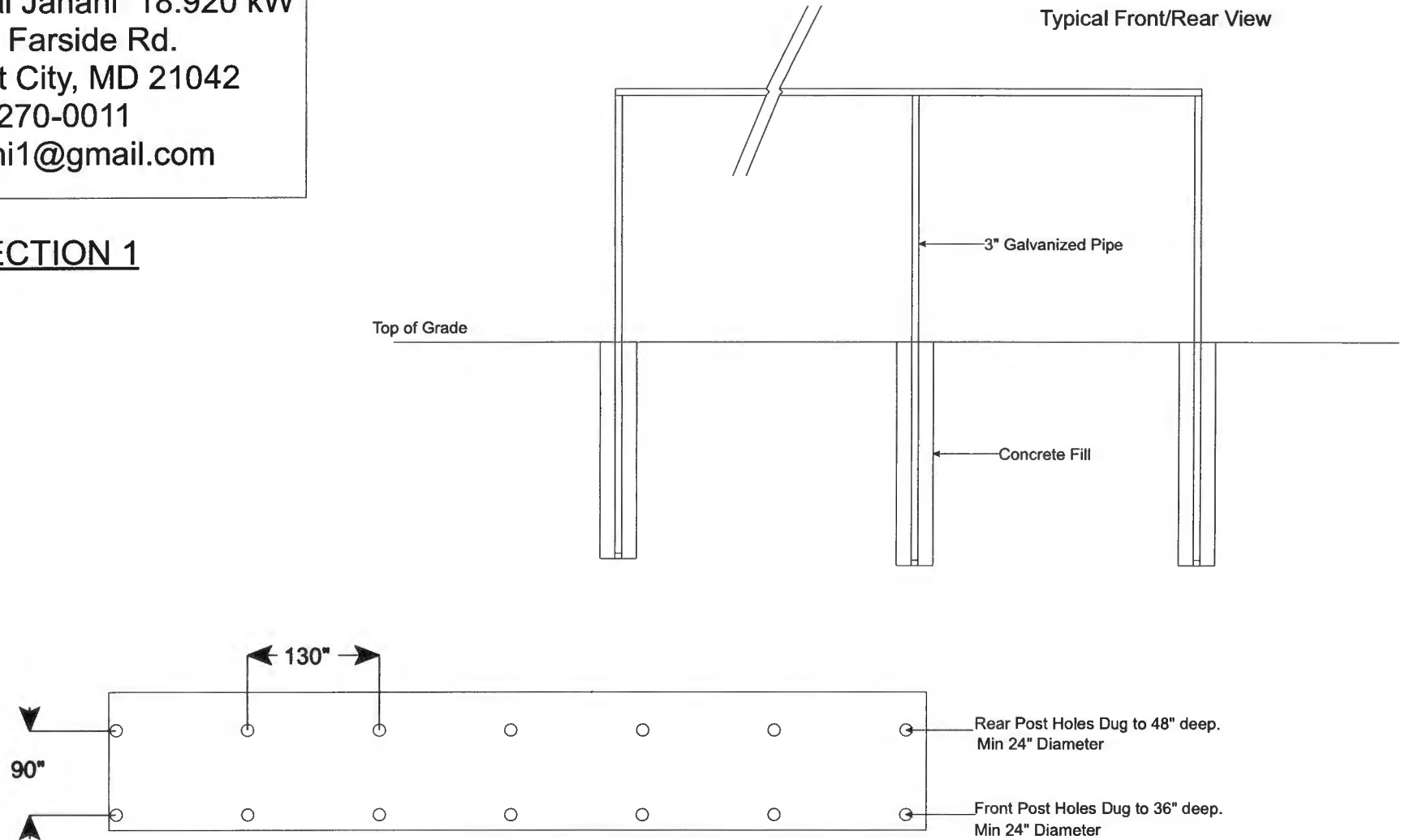
End Clips - 44

3" Galvanized Pipe - 247 feet



Crystal Janani 18.920 kW
11921 Farside Rd.
Ellicott City, MD 21042
(225) 270-0011
cjanani1@gmail.com

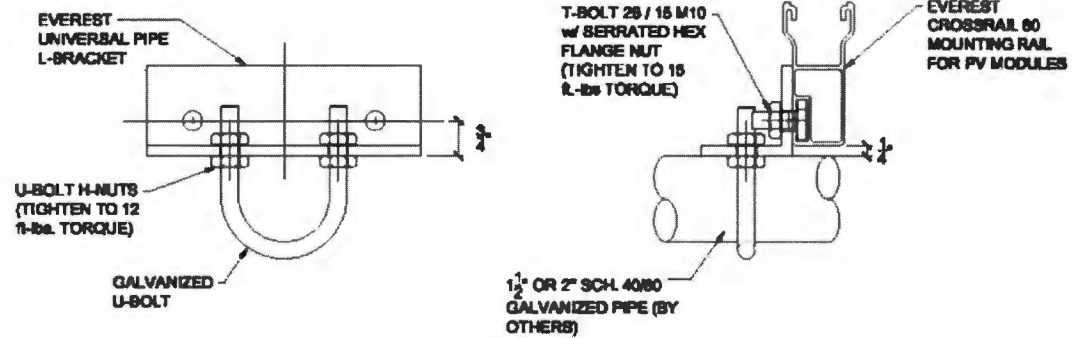
SECTION 1



SECTION

REC 430 watt
Module Weight: 47.8 lbs
Module Length: 73.4"
Module Width: 40.9"
Frame: 1.2" (30mm)

Crystal Janani 18.920 kW
11921 Farside Rd.
Ellicott City, MD 21042
(225) 270-0011
cjanani1@gmail.com



SECTION

REC 430 watt
Module Weight: 47.8 lbs
Module Length: 73.4"
Module Width: 40.9"
Frame: 1.2" (30mm)

Crystal Janani 18.920 kW
11921 Farside Rd.
Ellicott City, MD 21042
(225) 270-0011
cjanani1@gmail.com

[illegible]

