

Menu Save Reset Cancel Help

Approved 10/25/23
-H.O.

Record Detail * (This section is required.)

Case #

EH-PLANS-23-0

Type

Env/Health/Environmental Health/Plan Check/Application

Status

In Review

Opened Date

10/23/2023

Single Entry Edit-View Record Form

Application Name

20004210

Description

SFD/ INSTALL (42) GROUND-MOUNTED SOLAR PANELS, 14.91 KW

Total Invoiced

0.00

Total Paid

0.00

Balance

0.00

Assigned to Department Current Department

Well and Septic Progr

Assigned to Staff Current User

Zack Silvast

Address * (This section is required.)

New Search Delete Set Primary

<input type="checkbox"/> Primary	Street # (start)	Direction	Street Name	Street Type	City	State	Zip Code	Address Status	Street Suffix (Direction)	Unit Type	U
<input checked="" type="checkbox"/>	12067		Broad M...		Clar...	MD	21029				

12067 Broad Meadow Ln.
Clarksville, MD 21029

Parcel (This section is not required.)

Search Delete Get Address & Owner Set Primary

<input type="checkbox"/> Primary	Parcel #	Book	Page	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Legal Description	Trac
0 record(s) found.										

Owner (This section is not required.)

Search Delete Set Primary

<input type="checkbox"/> Primary	Name	Mail Address Line1	Mail Address Line2	Mail Address Line3	Mail City	Mail State	Mail Zip Code	Phone	Country/
<input checked="" type="checkbox"/>	Mayurkumar Gohel	12067 Broad Meadow LN.			Clarksville	MD	21029		US

Applicant * (This section is required.)

Search As Owner As Lic. Prof As Contact

Single Entry Applicant Form

Type *

Applicant

Primary

Yes

First Name *

Geoffrey

Middle Name

Last Name *

Mirkin

Home Phone ((xxx)xxx-xxxx)

Organization Name *

Solar Energy World LLC.
Mobile Phone ((XXX)XXX-XXXX)
(410) 579-2009
E-mail
gmirkir@solarenergyworld.com
Business Phone ((XXX)XXX-XXXX)

Preferred Channel
--Select--

Applicant Address

New Look Up Deactivate Remove

Contact Address ID	Address Type	Address Line 1	City	State	Zip	Primary	Recipient	Status
0 record(s) found.								

Custom Fields

DATE TRACKING

Received Date 10/23/2023 Due Date 10/25/2023

Dates to Complete 14 Received by Food

Food Review Type --Select-- Equipment Specification Sheets Submitted

Equipment Specification Sheet Received by Community Hygiene

Received by Well and Septic
10/23/2023

FACILITY INFORMATION

Name of Business (dba) n/a

Associated Building Permit Number

Owner Switch Date

Does the project include an Aquatic Facility such as a Public Pool? If Yes, forward to CH Program.

Does the project include Private Septic? If Yes, forward to WS Program.

Is this a Prototype Food Service Facility? If Yes, refer to State.

Facility Fax

Days of Operation

Does this project have a Building Permit?

Yes No

Building Permit Issued Date

Non-Profit

Does the project include Private Well? If Yes, forward to WS Program.

Yes No

Does the project include Food Services? If Yes, forward to FP Program.

Yes No

Facility Phone

Facility Email

PROPERTY INFORMATION

Water Source Private

Design Wastewater Flow

Sewage Disposal Private

Permit Type --Select--

PLAT STATS

Total Number of buildable lots to be recorded 0 Total number of open space lots to be recorded 0

Total number of bulk parcels to be recorded 0 Total number of lots / parcels to be recorded 0

New buildable lots created 0 Date PLAT signed by Health Officer

PLAT Type --Select--

DEVELOPMENT PLANS

Property Type

Residential

Plan Version

Initial

Signature Required

Yes No

Engineer

0

(Text)

Number of paper copies

0

(Number)

Number of mylar copes

0

(Number)

Number of buildable lots created

0

(Number)

Number of non-buildable lots created

0

(Number)

Total Number of Lots

0

(Number)

Associated Plans

WELL AND SEPTIC INTERNAL

State Review Required

Yes No

Coordinate State Review

Yes No

Proposed Septic System Type

--Select--

FOOD ESTABLISHMENT FACILITY

Priority Assessment

--Select--

Licensed Type

--Select--

License Category

--Select--

FOOD ESTABLISHMENT INFORMATION

Hours of Operation

(Text)

Operating Seasonally Only

If Operating Seasonally. What is the start month?

(Text)

Are pets allowed in an outdoor seating area?

Yes No

Full Bar?

Yes No

RESTAURANT AND FOOD SERVICE

Food Service Facility Secondary Category

--Select--

Total Seating Capacity

(Number)

Number of Restrooms

(Number)

Interior Restaurant Seating Capacity

(Number)

Bar Seating Capacity

(Text)

Outdoor Seating Capacity

(Text)

Does the restaurant have outdoor seating

Yes No

EQUIPMENT

Evaluated non NSF, ANSI, CF or other standards

Yes No

Description of Refrigeration Units

Number of Walk-In Refrigerator Units

(Number)

Description of Walk-In Freezer Units

(Text)

Is there a bulk ice machine available

Yes No

Space Limitation

Number of Hand Sinks Available

(Number)

Hood System

(Text)

Ventless Equipment

(Text)

PLUMBING

Size and installation of the water heater?

(Text)

Is there a grease interceptor or grease trap?

--Select--

REFUSE AND RECYCLABLES

Dumpsters Located on a impervious surface?

--Select--

Will there be a grease receptacle?

--Select--

WAREWASHING DISHWASHING

Dishwashing Method

--Select--

HACCP

Plan Review Response Letter Received Date HACCP Approved by the State

Yes No

☐

Date HACCP Plan Submitted

HACCP Plan Approved

☐

HACCP Plan Review

☐

Plan Review Letter Mailed

☐

HACCP Plan Revision Submitted

☐

HACCP Fee Type

--Select--

FINISHING SCHEDULE

Kitchen Floor / Bar Flooring

--Select--

Kitchen Cove Base

☑ --Select--

Storage - Food Storage Flooring

--Select--

Storage - Food Storage Cove

☑ --Select--

Utensil Washing Area Flooring

--Select--

Utensil Washing Area Cove

☑ --Select--

Dressing / Locker Room Flooring

--Select--

Dressing / Locker Room Cove

☑ --Select--

Toilet Area Flooring

--Select--

Toilet Area Cove

☑ --Select--

Walk-in Refrigerator Flooring

--Select--

Walk-in Refrigerator Cove

--Select--

Kitchen Walls

--Select--

Utensil Washing Area Walls

--Select--

Restroom Walls

--Select--

Are Kitchen Ceilings tiles smooth non-fiberglass backing?

Yes No

Are ceiling rafters exposed ?

Yes No

Are ceiling tiles in equipment and utensil washing areas, smooth with non-fiberglass backing?

Yes No

SPECIAL PROCESSING

Does the facility conduct any special processing? If yes, Please describe.

Yes No

(Text)

AF OWNERS STATEMENT

Owner's Statement Provided Comments - Owner

--Select--

AF Plans and Drawings

A. Drawn to scale and prepared by a licensed engineer or architect B. Contour plan included

--Select--

--Select--

C. Top and sectional views provided

--Select--

Comments

AF BARRIER FENCING

A. Minimum 6' high barrier around the pool / spa facility

--Select--

B. Maximum vertical clearance between grade and the bottom of the barrier is 4 inches

--Select--

C. Fence pickets or barrier openings do not exceed 4 inches

--Select--

D. A barrier with horizontal members less than 45 inches apart measured top to top does not have

--Select--

1. vertical openings > 1-3/4 inches in width

--Select--

2. horizontal members on the outside of the fence

--Select--

E. The barrier main access gate:

1. is located toward the shallow end of the pool

--Select--

2. has a latch release at least 54 inches from grade level and is lockable

--Select--

3. minimum width of 4 feet and is hung to open away from the pool or spa

--Select--

4. complies with all disability regs (see COMAR 05.02.02)

--Select--

F. Minimum 5' high barrier for semipublic pool or spa

--Select--

G. A wading or infant pool is separated from a pool or spa by a barrier that is 3' or higher. Comments

--Select--

AF INFORMATION

Plan Review Type --Select-- v	Aquatic Facility Project Description (Text)
County Building Permit Number (Text)	Expected Completion of Construction []
Total Aquatic Facilities at Venue (Number)	Sewer Service --Select-- v
Water Service --Select-- v	County Plumbing Permit Number (Text)
County Electrical Permit Number (Text)	

AF DECKS

A. Completely surrounds the pool with a minimum width of 4' and an average width of 6'. --Select-- v	B. Is in conformance with applicable ANSI/NSPI-1 (2003) standards for decking (7.1.1 - 7.1.17) --Select-- v
C. The slope of the deck is away from the pool or spa, towards points of disposal --Select-- v	D. The deck has deck drains or other disposal points. --Select-- v
E. An expansion joint between the coping and the deck is sealed with a water tight sealant. --Select-- v	F. The deck's surface is slip resistant, nonskid & cleanable --Select-- v
G. Accessible hose bibs on the deck at 150 foot intervals --Select-- v	H. Note: Additional requirements if deck surface is not concrete --Select-- v
Comments	

AF EQUIPMENT ROOM

A. The facility has an equipment room that houses the pool and/or spa circulation --Select-- v	B. Weather tight construction and adequate area for safe access to equipment --Select-- v
C. A minimum ceiling height of 7'6" --Select-- v	D. A waterproof floor that drains to a floor drain --Select-- v
E. A lockable entrance that allows complete access to the room --Select-- v	F. A minimum of 20 foot candles of artificial illumination --Select-- v
G. Ventilation sized at 2 cubic feet per minute per square foot of floor area --Select-- v	H. A hose bib with an atmospheric vacuum breaker and unencumbered by other equipment --Select-- v
I. A water resistant data sheet (COMAR 10.17.01.23) --Select-- v	Comments

AF CIRCULATION SYS & COMP

A. Presence and proper placement of both the influent and effluent pressure gauges --Select-- v	B. A vacuum or compound gauge on the influent side of the pump --Select-- v
C. Proper placement of a flow meter that is readable in gpm with the min and max flow rate --Select-- v	D. A thermometer on the return line to pool or spa when heated --Select-- v
E. Presence of sight glass and manually operated air release valve --Select-- v	F. Turnover rates (COMAR 10.17.01.25) --Select-- v
a. Pool or spa is constructed to achieve the required minimum turnover rate with 24-hour flow --Select-- v	b. Flow through a circulation system is between the minimum turnover rate and the design --Select-- v
G. Head Loss Calculations --Select-- v	1. Calculation of piping head loss using the Hazen-Williams formula --Select-- v
2. Determination of a clean and dirty total dynamic head --Select-- v	H. Ensure that the surface to bottom flow ratio is 80 % surface and 20 % bottom --Select-- v
I. Filter Capacity --Select-- v	1. Filter operates within the filter design rate --Select-- v
2. Has a filtration capacity sufficient in the range between the minimum rate and design flow rate --Select-- v	3. Pump curves for pool pumps are provided --Select-- v
J. Ensure the pool is not interconnected with a spa or wading pool --Select-- v	K. Verify that circulation systems components are NSF approved by ANSI --Select-- v
L. Verify that the manufacturer and model number information are provided for items listed in "K" --Select-- v	M. Verify that the chemical feeder can provide the minimum disinfectant residual --Select-- v
N. Vacuum Systems --Select-- v	1. System is available for cleaning the pool or spa floor --Select-- v
2. For circulation systems with greater than 4 skimmers the vacuum system is separate --Select-- v	3. Verify the vacuum line connection is prior to pump hair and lint strainer --Select-- v
4. Verify the vacuum line connection is prior to pump hair and lint strainer --Select-- v	O. Valves, controls, gauges, filters, feeders, pumps, piping are accessible and color coded --Select-- v
P. Note: see regs for Carbon Dioxide feeders & Ozone Systems --Select-- v	Comments

AF DIVING AREA AND EQUIPMENT

A. Meets minimum dimensions and is compliance with COMAR 10.17.01.27 & ANSI/NSPI-1 2003 Comments

--Select-- v

AF SUCTION ENTRAPMENT

A. Main drain line for pool is connected to a minimum two main drain outlets

--Select-- v

B. A vacuum fitting is capped and a line valve is in the closed position when not in use

--Select-- v

C. Drain will be covered with a securely attached drain cover

--Select-- v

D. Skimmers must be connected to an equalization line, main drain line, vent or another skimmer

--Select-- v

E. Virginia Graeme Baker (VGB) Compliant

--Select-- v

F. Equalizer covers are VGB Compliant

--Select-- v

Comments

AF ILLUMINATION

A. Even illumination of water, deck and walkways

--Select-- v

B A combination of underwater lighting and deck lighting so that

--Select-- v

1. Underwater light .5 watts per sqft of surface area and deck lighting .6 watts per sqft of deck

--Select-- v

2. Overhead lighting yields 2 watts per sqft of required deck area

--Select-- v

C. Walkway lighting yields a least 0.6 watts per square foot or 15 footcandles of light

--Select-- v

Comments

AF VENTILATION OF AN INDOOR AF

A. A ventilating system capable of:

--Select-- v

1. Exhausting 1 1/2 cfm of air per square foot of enclosed area; or

--Select-- v

2. Dehumidifying the recirculated air from the enclosed area

--Select-- v

Comments

AF PLUMBING WATER SUPPLY & DISPOSAL

C. Riser diagram for potable water and source of water supply

--Select-- v

D. Has at least one drinking fountain for every 5,000 square feet of water surface area

--Select-- v

E. Fill spout is within 10 inches of a ladder or handrailing or in front of the guard stand

--Select-- v

F. Backflow Protection

--Select-- v

1. Backflow protection is provided for a potable water supply and for wastewater

--Select-- v

A. Permitted with DILP for all applicable State (COMAR) & local plumbing requirements

--Select-- v

2. An air gap is provided that is 2 times the diameter of the fill spout from the flood rim level

--Select-- v

B. Riser diagram for sewerage and method of disposal

--Select-- v

3. Backflow protection where the water enters the facility or nearby fill connections to the pool

--Select-- v

G. Backwash discharge

--Select-- v

1. Verify whether discharge is to sanitary or storm sewer

--Select-- v

2. If storm sewer or ground water discharge proposed ensure that MDE information is relayed

--Select-- v

Comments

AF BATHHOUSE FACILITY

A. Living quarters more than 500ft from the pool entrance and a bathhouse facility

--Select-- v

1. A bathhouse, toilets, hand sinks and showers are within 100' of an entrance gate to a pool

--Select-- v

2. One water closet, lavatory and urinal shall be provided for the first 100 male users.

--Select-- v

3. Two water closets and lavatories shall be provided for the first 100 female users

--Select-- v

4. A minimum of two shower heads is provided for each sex for the first 100 users

--Select-- v

5. Each 2 gal min shower is to have an approved pressure balanced anti-scald device

--Select-- v

6. Soap dispensers for liquid or dry powdered soap provided for each lavatory

--Select-- v

7. Toilet paper holders & toilet paper shall be provided for each water closet (ANSI/NSPI-1)

--Select-- v

8. Sanitary napkin disposable receptacles installed for toilets or shower area designated for users

--Select-- v

9. Baby changing table provided (ANSI/NSPI-1 19.6.12)

--Select-- v

10. Adequate lighting and ventilation provided for each restroom facility

--Select-- v

11. Floors have a slip resistant surface with adequate floor drains

--Select-- v

12. An adequate number of hose bibs are provided for each facility to ensure proper cleaning

--Select-- v

Comments

AF ADA DISABLED ACCOMM

A. Bathhouse Entrances, Exits, Fixtures, Etc.

B. Pool or Spa Gates, Doors Entrances and Exits

--Select--

--Select--

C. Available ADA self operating handicap lifts , ramps and or transfer walls

Comments

--Select--

AF BATHER LOAD

A. Number of people in 5ft or less for every 12 sq ft

B. Number of people in 5ft or more for every 15 sq ft

(Text)

(Text)

C. Number of people in diving area for every 300sq ft

(Text)

AF MISCELLANEOUS

Adequate Pool Chemistry Test Kit

Adequate First Aid Equip and Signs

--Select--

--Select--

Comments

AGENCY-SPECIFIC INFORMATION

Legacy ID Cross Reference

(Text)

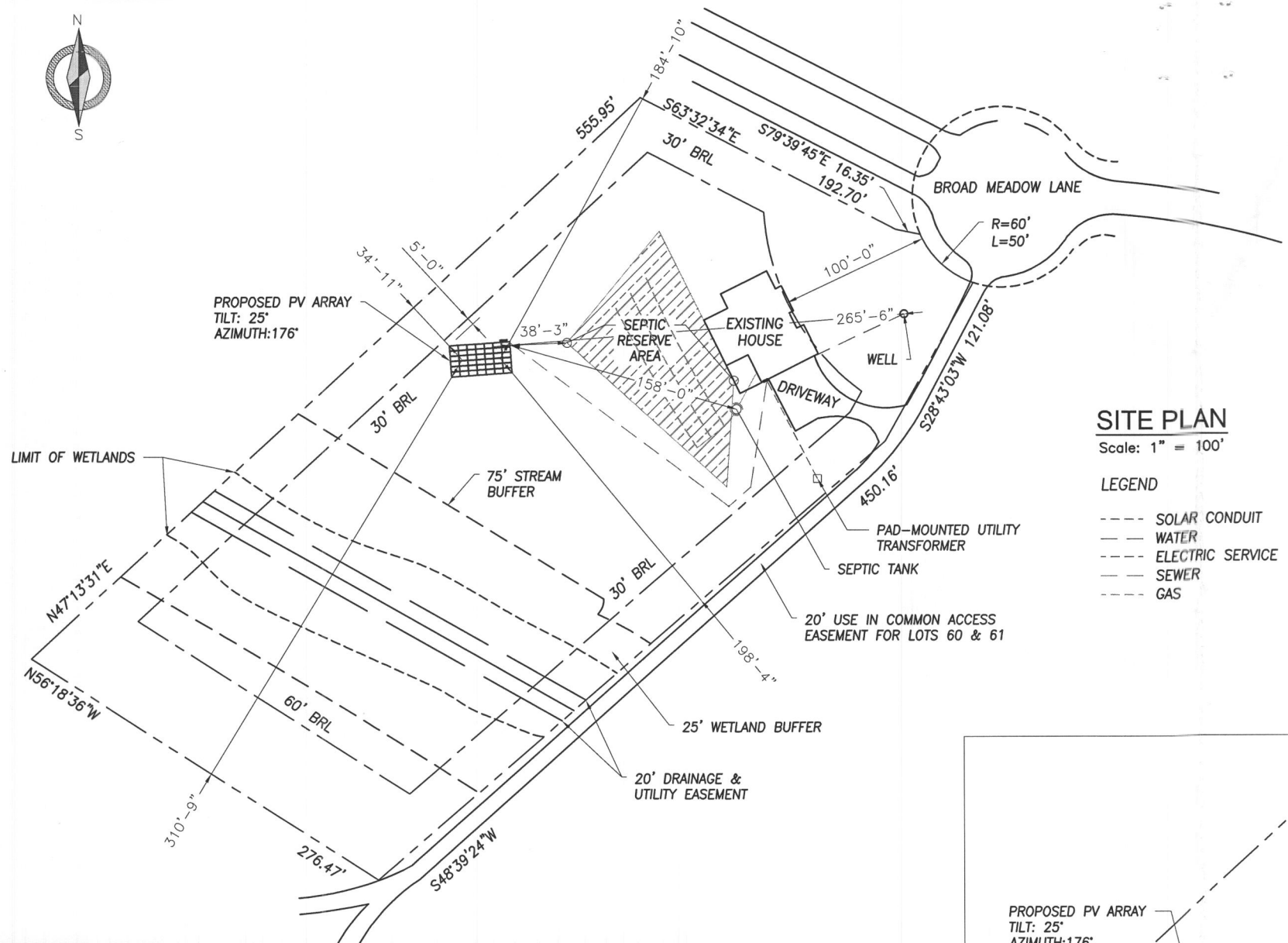
Associated GIS Features *(This section is not required.)*

GIS **Delete**

Feature ID **Layer** **Service** **Primary**

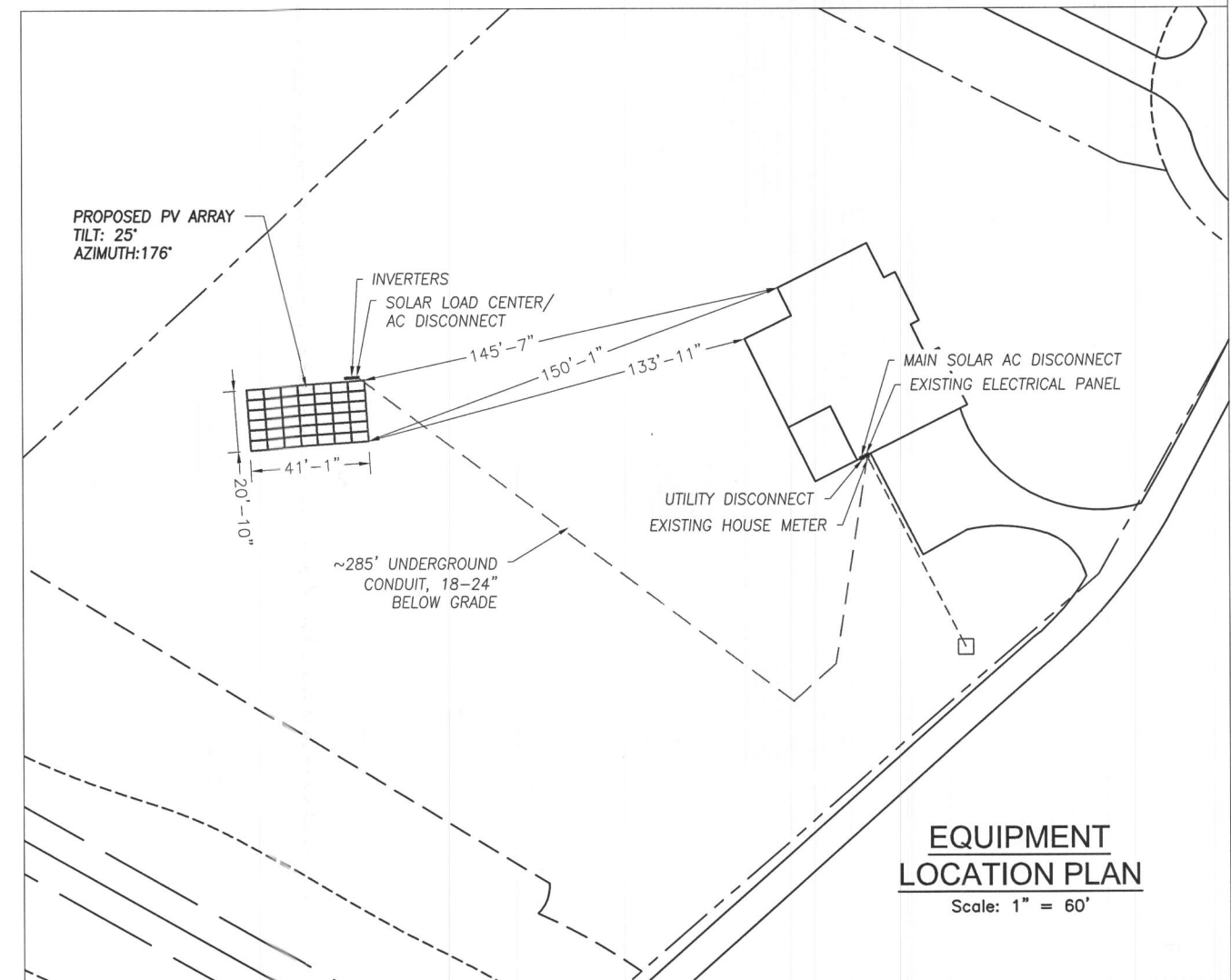
0 record(s) found.

Submit **Cancel**

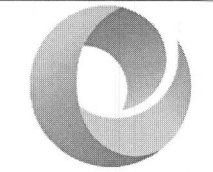


NOTES:

1. THIS DRAWING IS TO PROVIDE REFERENCE FOR THE INSTALLATION OF GROUND MOUNT PHOTOVOLTAIC ARRAYS.
2. THE SYSTEM SHALL INCLUDE [42] LONGi Green Energy Technology Co Ltd LR4-60HPB-355M [DIMENSIONS: 69.17" (L) x 40.95"(W) x 1.42" (D)] AND WEIGHING 43.0 LBS (PANEL DEAD LOAD = 2.19PSF)]
3. THE SOLAR FOUNDATIONS RACKING WILL BE INSTALLED PER MANUFACTURER'S INSTALLATION MANUAL.
4. THE PROPOSED ARRAY SHALL COVER APPROX. 952 SQ.FT. OF THE 3.558 AC. PROPERTY.
5. EQUIPMENT LOCATION PLAN IS APPROXIMATE, EXACT LOCATION TO BE VERIFIED WITH INSTALLATION CREW AND HOME OWNER AT THE TIME OF INSTALLATION



General Notes



SolarEnergyWorld
Because Tomorrow Matters
Solar Energy World LLC.
14880 Sweitzer Lane
Laurel, MD 20707
866.856.4580

Disclaimer:
This drawing is the property of Solar Energy World Inc. The information herein contained shall be used for the sole benefit of Solar Energy World. It shall not be disclosed to others outside the recipient's organization, in whole or in part, without the written permission of Solar Energy World, except in connection with the sale and use of the respective Solar Energy equipment.

Professional Certification: I hereby certify that these documents were prepared or approved by me and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 40027, Expiration Date 3/15/25.

Stamp
James C Douglas
Digitally signed by James C Douglas
DN: c=US, o=New York, dnQualifier=A01410C00001863C, D541C50004A600, cn=James C Douglas
Date: 2023.10.03 08:36:53 -0400'



Engineering Review is Limited to Structural Design
Only as it Pertains to the SFUSA Structure.

Project Name and Address
Mayurkumar Gohel
6Lx7C
12067 Broad Meadow Ln.
Clarksville, MD 21029
Howard County
MD15760
14.91 kW

Drawn by T.Lampros	Sheet A001
Date 08-SEPT-2023	
Scale AS NOTED	

N 47° 13' 31" E

276.47

LOT 61

75'

9715

9715

9715

9715

9715

9715

9715

9715

9715

9715

9715

60' BRL

75' Stream Buffer Plat No. 9715

20' Drainage and Utility Easement Plat No. 9715

30' BRL

75' Stream Buffer Plat No. 9715

30' BRL

75' Stream Buffer Plat No. 9715

S 48° 39' 24" W

N 56° 18' 36" W

LOT 41
3.558 AC.

LOT 39

30' BRL

30' BRL

450.16'

20' Use in Common Access Esm't. For Lots 60 & 61 (Private) Plat No. 9715

20' RIW For Ingress & Egress For Use by Lots 41, 42, 60 & 61 Liber 3061 Folio 467

20' Stream Buffer Plat No. 9715

20' Stream Buffer Plat No. 9715

20' Stream Buffer Plat No. 9715

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20' Stream Buffer Plat No. 9715

SEPTIC LOCATED 14' FROM REAR LEFT CORNER OF HOUSE & 24' PERPENDICULAR FROM REAR ESCAPE

10/2/07 per fax received and reviewed by Glen Savage - approval granted.

Private Sewerage Easement, as per General Note No. 1 Plat No. 9710

PROPER 12x17 DECK W/ STAIRS.

12067

Macadam Driveway

61'±

101'±

75'±

100' BRL

30' BRL

78.03

192.70

S 63° 32' 34" E

555.95'

S 79° 33' 45" E 16.35'

R 60.00' A 50.00'

121.08'

S 28° 43' 05" W

121.08'

450.16'

20' Use in Common Access Esm't. For Lots 60 & 61 (Private) Plat No. 9715

20' RIW For Ingress & Egress For Use by Lots 41, 42, 60 & 61 Liber 3061 Folio 467

20' Stream Buffer Plat No. 9715

20' Stream Buffer Plat No. 9715

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 ZONING

Wm. S. Taylor 2/22/90
 CHIEF, DIVISION OF
 COMMUNITY PLANNING AND
 LAND DEVELOPMENT

65

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Mason 2/22/90
 CHIEF, LAND DEVELOPMENT DIVISION

Travis W. Weiland 2/7/90
 CHIEF, BUREAU OF HIGHWAYS

James E. Ray 2-23-90
 CHIEF, BUREAU OF ENGINEERING



PLAN
 SCALE: 1" = 100'

DATE	NO.	REVISION
OWNER / DEVELOPER CLEARVIEW ASSOCIATES LIMITED PARTNERSHIP % RANDALL CONSTRUCTION CO. INC. 5501 TWIN KNOLLS ROAD SUITE 102 COLUMBIA, MARYLAND 21045		
PROJECT CLEARVIEW ESTATES SECTION 2		
AREA TAX MAP NO. 28 (35 ZONED R PARCEL 39440 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE DRAINAGE AREA MAP		
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176		
DATE 12-5-89	S-20-95 P-88-75 WP-80-122	
DESIGNED BY: M. C. M.	DRAWN BY: J. C. R.	
PROJECT NO: 43603	DATE: DECEMBER 1989	
SCALE: AS SHOWN	DRAWING NO. 2 OF 10	