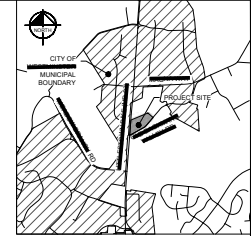


HOW TO REVIEW A SOLAR SITE PLAN
TYPICAL QUESTIONS TO ASK A TOWN BOARD
 For Educational Purposes Only
 Comments do not reflect on any project or company



VICINITY MAP
 SCALE: 1" = 200'

NO.	REVISIONS	DATE

PROJECT: **SOLAR**
 DATE: **11/15/2023**
 SCALE: **AS SHOWN**
 DRAWN BY: **[Redacted]**
 CHECKED BY: **[Redacted]**



PROFESSIONAL CERTIFICATION UNDER THE PROFESSIONAL ENGINEERING ACT OF 1966, AS AMENDED, AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

SITE PLAN

PREPARED FOR: **[Redacted], LLC**
 COUNTY: **[Redacted]**

SHEET NUMBER: **C-200**
 SHEET 3 OF 17

Location of neighboring houses?
 Distance to property line?

Location of neighboring houses?
 Distance to property line?

LANDS OF [Redacted]
 DEED [Redacted]
 302,974 S.F. OR 6.9783 ACRES
 LAND USE: AGRICULTURAL
 ACRES: PARCEL & TAX MAP: 39
 ZONE: I-1

LANDS OF [Redacted]
 LAND USE: RESIDENTIAL
 ZONE: R-40,000

LANDS OF [Redacted]
 LAND USE: AGRICULTURAL
 ZONE: I-1

How many solar panels?
 Confirm that this is a fixed rack system.
 No tracking motors will be used.
 What is make and model?
 How many linear feet of wire is buried?
 Provide electrical diagram.

What is the decommissioning plan?
 Where is nearest landfill?
 Does it accept solar panels?

How many fence posts?
 How many posts for racking system?
 How are posts constructed?
 What is decibel rating of pounding equipment?
 How long does it take to pound posts into the ground?

Location of neighboring houses?
 Distance to property line?

Why is gate identified as 20' wide and the road as 12' wide
 YET both appear to be visually the same dimension?

Does 12' wide access road comply with local code?
 Does it comply with national code, such as 2021 International Fire Code?

Is existing impervious surface listed?

What is make and model of inverters?
 Provide a specification sheet.

What are the dimensions of the laydown yard?

What are dimensions of utility power poles?

What are the dimension of the equipment pad?
 There appears to be 4 pieces of equipment.
 List all equipment make and model.
 Provide specification sheets for all equipment.
 List dimensions.
 List decibel rating.

Provide a detail drawing sheet for all electrical equipment on Project site.

Does driveway comply with Department of Transportation required sight distances both left and right?
 Does it comply with stopping distances?

SITE INFORMATION:

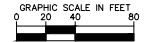
- AREA TABULATIONS
 - TOTAL PARCEL AREA: 430,973 S.F. / 9.86 AC
 - EXISTING IMPERVIOUS AREA: 48,98 AC
 - PROPOSED IMPERVIOUS AREA: 48,235 S.F. / 1.10 AC
 - TOTAL DISTURBED AREA: 124,581 S.F. / 2.86 AC
- EXISTING ZONING: I-1 LIGHT INDUSTRIAL
- EXISTING LAND USE: AGRICULTURAL
- BLANK REQUIREMENTS
 - MIN. FRONT YARD SETBACK:
 - NORMAL: 100 FT
 - REDUCED: 50 FT
 - MIN. SIDE YARD SETBACK:
 - NORMAL: 100 FT
 - REDUCED: 50 FT
 - MIN. RESIDENTIAL USE YARD SETBACK:
 - NORMAL: 200 FT
 - REDUCED: 100 FT
- PROPERTY INFORMATION
 - TAX ACCOUNT NUMBER: [Redacted]
 - DEED REFERENCE: [Redacted]
 - TAX MAP: [Redacted]
 - GRID: [Redacted]
 - PARCEL: [Redacted]
 - ELECTION DISTRICT: [Redacted]
 - COUNTY: [Redacted]
 - STATE: [Redacted]

"IN ORDER TO SUFFICIENTLY SCREEN THE SOLAR ARRAY FROM THE ROAD AND NEIGHBORING PROPERTIES TO THE NORTH AND EAST, A ROBUST LANDSCAPE BUFFER HAS BEEN PROVIDED. SINCE THIS SCREENING HAS BEEN PROVIDED, A REDUCED SETBACK HAS BEEN PROPOSED. REFER TO CARROLL COUNTY MARYLAND CODE OF ORDINANCES, CHAPTER 158.133D(3)(B) FOR SOLAR ENERGY GENERATING SYSTEMS IN INDUSTRIAL ZONES."

GENERAL NOTES:

- EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION BASED ON SURVEY PROVIDED BY [Redacted] DATED [Redacted] AND SUPPLEMENTED BY [Redacted] COUNTY GIS RECEIVED ON [Redacted]
 - FOREST STAND AND WETLAND DELINEATION COMPLETED BY [Redacted] USING SUB-FOOT ACCURATE ONSPOTS AND FORESTRY SUPPLIES 50M FABRIC TAPE.
- Required Set Back 100'
 Requesting 50% reduction to 50'
 Will reduction set precedent?
 Request town follow local law to protect all landowners.
- Vegetative screening may fail to thrive.
 Maintenance Agreement may be two years.
 Project lifetime may be 25+ years.

SITE PLAN
 SCALE: 1" = 40'



A 50% reduction in setback requirements significant. The municipality should consider lifetime of project, the two year maintenance agreement for the plantings and the potential for the Project to be sold many times. The abutting parcel owners use, enjoyment and future development should be protected. Neighbors should submit requests for decrease of setbacks to be denied.

LIMITS OF DISTURBANCE: 5.65 AC.

Are all sections of site plan provided?
 Are sections in sequence? C100, C200, C300, C400, C500
 Does site plan include overall, electrical, equipment details, soils, landscaping, fence, road, ect?