

# BLUEWAVE

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*Worthington Ridge Rd Dual-Use Project Overview*

*BWC Wades Stream, LLC*

*January 8th, 2026*



# Two Applications

## 1) Site Plan Review

- Site-wide for a solar energy facility

## 2) Special Permit

- For the northern portion of the site that lies within the Water Supply Protection District (WSPD).

There is agreement with the applicant and the Board for a decision on the Site Plan Review Application to coincide with the date for decision on the Special Permit Application pursuant to G.L. c. 40A, § 9.

# ASTGU: Agricultural Solar Tariff Generation Unit



# Why Dual-Use?



Economically support farms & farmers



Keep farmland in agriculture use



Encourage new generation of farmers



Produce reliable clean energy

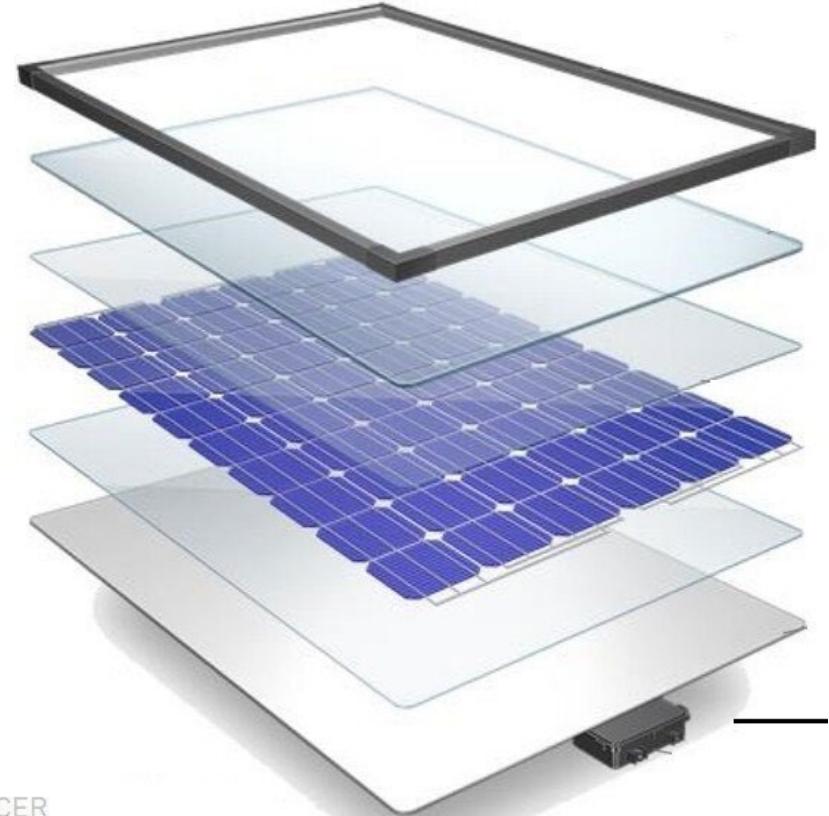


Support agricultural municipalities through PILOT Agreement



# PV - Soil & Water Quality

- Largely comprised of glass, aluminum, copper, and silicon
- Significant scientific research on safety, leaching, and durability
- Technical experts find no evidence of toxins such as PFAs
- Material of concern is trace amounts of lead solder, which is tightly encapsulated and thoroughly studied. Public would not encounter toxic metals unless a module was ground to fine dust and steeped in acid.

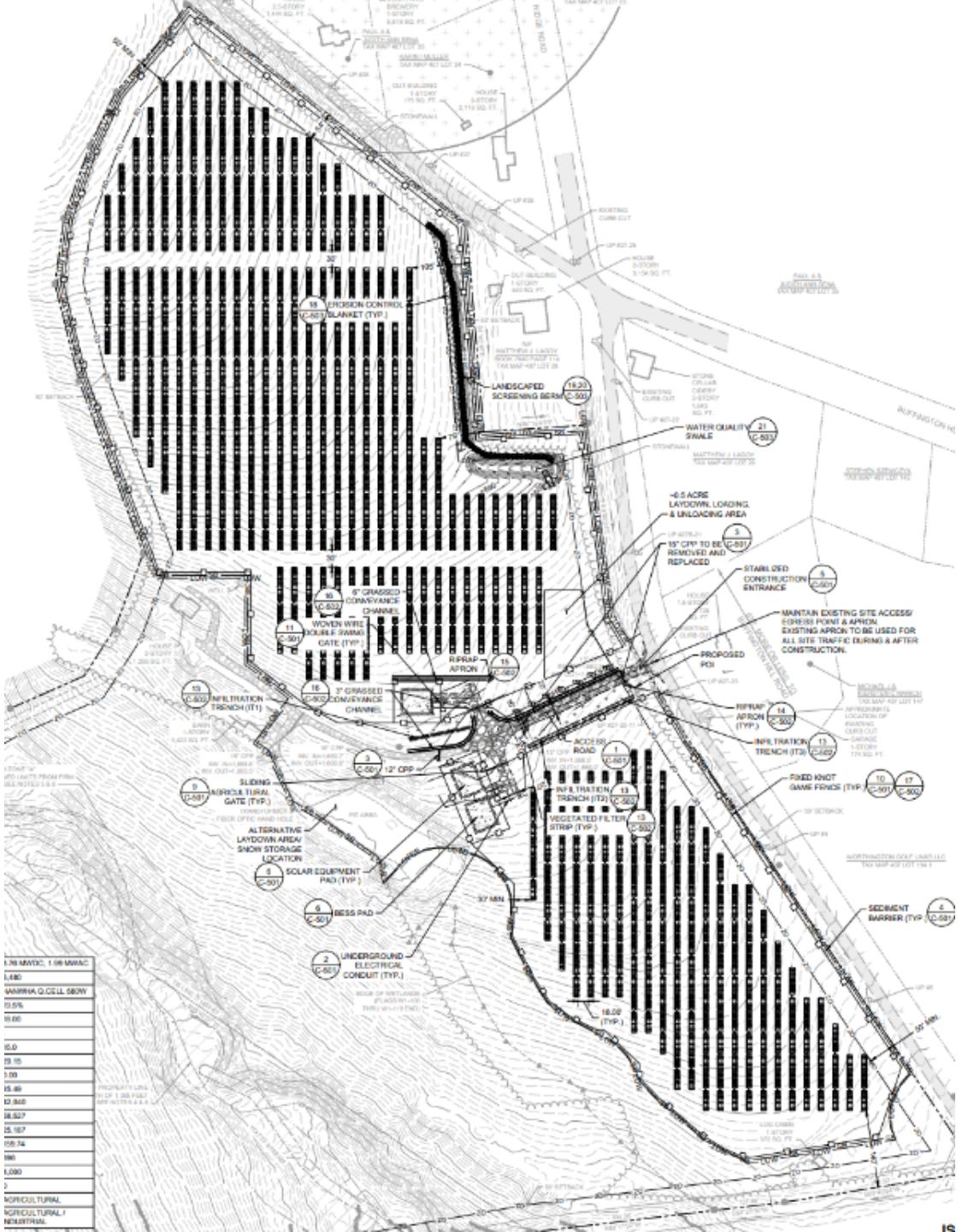


Source: "Solar Photovoltaic (PV) Modules Facts and Trends," National Laboratory of the Rockies (formerly National Renewable Energy Laboratory), 2025

# Appendix H



## **Battery Energy Storage Systems:** *Frequently Asked Questions on Fire Safety and Public Health*



# Design Updates

## BESS:

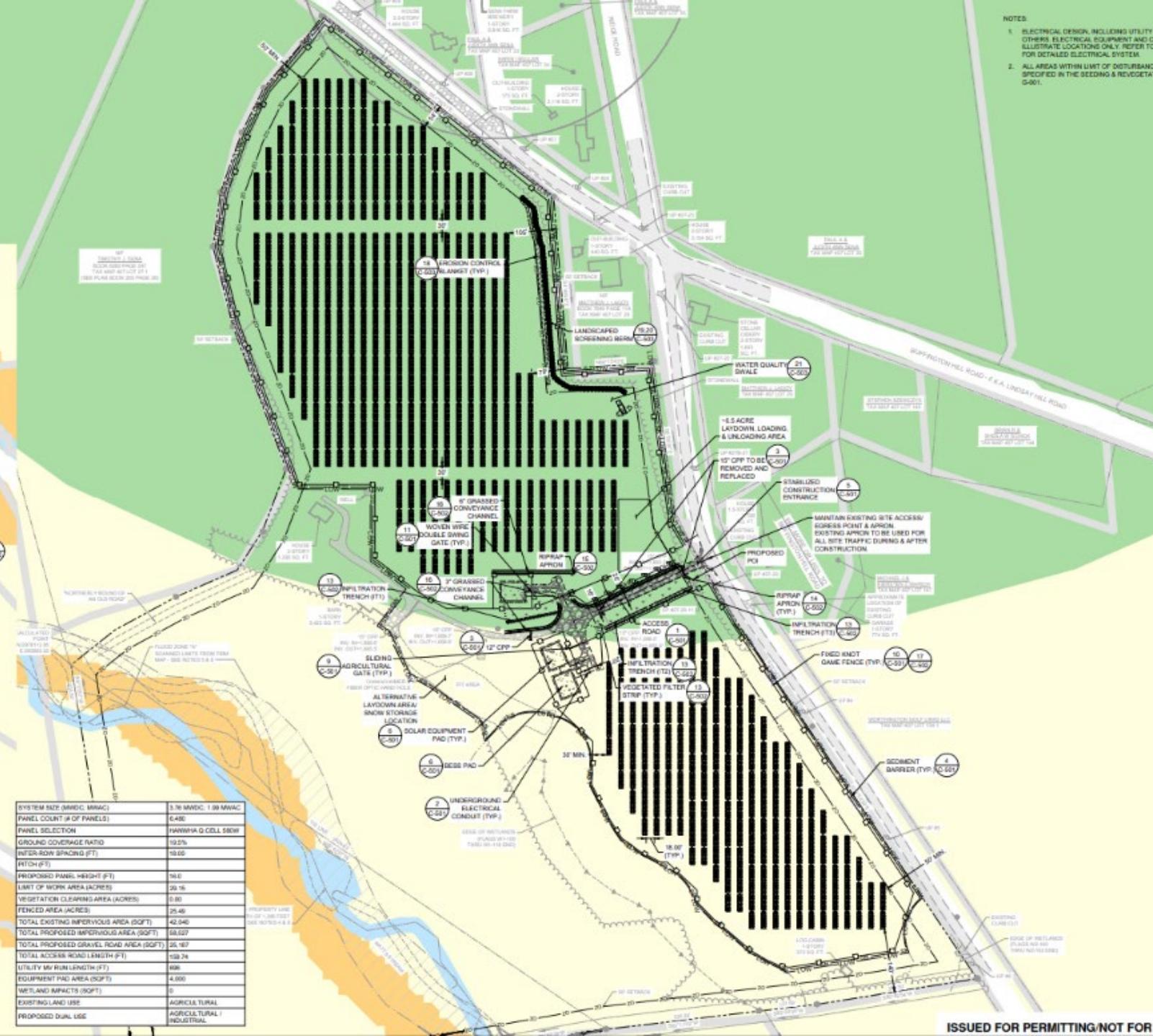
- Additional equipment pad south of road to move BESS out of Water Supply Protection District entirely

## Abutter:

- Berm and swale to improve current runoff
- Vegetative screening
- Removed closest panels

## Wetland:

- Fence removed from wetland



**BESS**

