

To Whom it May Concern:

My name is Jayme Sobeski, my husband and I own a 5.03 acre lot located at 59550 Powderhorn Rd, Clark, CO in the Elkhorn subdivision. Our lot is not governed by an HOA. We're in the process of constructing a 50' x 50' metal building with an 800sqft apartment (Routt County Building Permit# PRSF220380). Due to the extremely high cost quoted by Yampa Valley Electric to run the closest electrical line to our lot (\$175,000), solar power is our only option.

We're asking the county for an administrative permit to erect our ground mounted solar panel poles within our 50' setback. Each pole will be ground mounted per manufactures specs and inspected and approved by the Routt County Building Department (permit pending). Per our solar system, designed by Backwoods Solar in Idaho, we will have two freestanding poles. Each pole will have 6 panels with a surface area of 110 sqft. The poles will be located side by side facing south, 27.7' off our south lot line. After much consideration this location has been chosen for three reasons.

1. This location naturally has very few trees that will block sunlight. The only other viable location would require us to cut down roughly 15 trees.
2. The solar panels need to be in close proximity to the battery bank to minimize energy loss in transport. Thus, making the system more energy efficient.

Our proposed system meets the definition of a "Solar Energy System" on page 2-20 of the code book (listed below):

160. Solar Energy System: A system composed of a solar energy collector which may include an energy storage facility and components for the transmission and distribution of transformed energy sized to 120% of the average annual load of the use by right and/or approved use.

Our proposed system also meets the Use Standards for a Solar Energy System in Section 8.24 (listed Below):

8.24 Standards for Solar Energy Systems

- A. This use is required to be located on a building lot or platted out lot. (Parcel# 289700016)
- B. If necessary for the system's effectiveness or in order to accommodate other exceptional characteristics of the site, ground mounted solar energy collectors may be located within the minimum structure setbacks for the subject property zoning district subject to issuance of an administrative permit provided that:
 1. The solar energy collector is located no less than five (5) feet from lot lines and no less than forty-five (45) feet from the centerline of the roadway, or fifteen (15) feet from the edge of the roadway, whichever is greater; and (The ground mounted poles will be located 27.7' off of the south lot line and over 90' off of the west lot line, more than meeting requirements)
 2. The solar energy collector is located to minimize glare and visual impact on adjacent properties and roadways. (The panels will not face a roadway. The owner of the lot that they will face has already visited the site and approved the project.)
 3. Roof-mounted collectors may be mounted on any legal structure, subject to review through the building permit process. Roof-mounted systems shall be mounted as flush as possible to the roof. In order to achieve proper solar orientation, panels may exceed the roofline by up to five (5) feet or the maximum permitted height of the structure by up to five (5) feet (whichever is more restrictive). (No panels will be roof mounted)

The lot next to our south lot line is owned by Stephen Paoli of Steamboat Springs and it currently not developed. Since initially submitting this application, I've personally spoken to Mr. Paoli. I showed him our site and our plans for the two poles in question. He has verbally approved the plan and is willing to sign any documentation needed by the county.

Thank You,

Luke & Jayme Sobeski