

Sun One Organic Farm Buildings and Infrastructure Data/Discussion

50 Maddox Road Bethlehem, CT 06751

Abstract: This aim of this document is to detail all of the farm buildings and site infrastructure. It is important to be aware of these because add-ons must be thought through at length and knowing where infrastructure is can greatly affect design.

Table of Contents

- Building attributes
- Permanent Pavement & Plowing
- Power Lines & Electric Outlets
- Outdoor Water Faucet, Septic System, Well Locations
- Underground Pipes
- Fences/Gateways

Building Attributes

Permanent Pavement & Plowing

There is one continuous paved part of the site. Maddox Road moves from the western part of the property up until the barnyard area. This is the only part of the site that will receive plowing and it will be from the town because it is a town road. I have estimated five to six feet of the banks of the road to be covered in extra snow from the plowing. It is better to overestimate this than underestimate.

Power Lines & Electric Outlets

There is one power line that moves through the property and it can be viewed on the illustration. It moves along Maddox Road and crosses over the road twice with one pole existing on the actual site itself. There are currently no electric outlets on the site and no electric access on the site either. The electric serves the two other houses on Maddox Road.

Outdoor Water Faucet, Septic System, Well Locations

There are three water faucets on the site. They all derive their water from the springhouse and are situated near the main growing field. There are currently no septic systems on the site. There is one well that is located southwest of the work shop.

Underground Pipes

David Jacke outlines many types of underground piping and drainage to identify. This includes water and sewer lines, footing drains, floor drains, down spout drain lines, tile drains, culverts, and other. On the site, there are only culverts. Three culverts have been identified and can be seen on the google Earth photos. Two are located underneath the access road from the pavement to the farmland. Another is located between the main growing field and the fields directly south of the main growing field.

Fences/Gateways

There is one fence located north of the old barn foundation inside of the barn yard. There are no gateways currently.