



### Proposed Layout for Fat Moon Mushrooms

The first choice of locations is south of Fresh Roots Greenhouse, as depicted with the blue rectangles above. Each of the long containers represents a shipping container that is 8'x40'. These will be the grow rooms for the mushrooms. The shorter rectangles are shipping containers that are 8'x20'. Two of these will be used as work areas for weighing, grading, and packing mushrooms. The third one is a walk-in cooler for storing grow blocks and fresh mushrooms. Extra land to the west of the containers will be used for composting spent mushroom blocks. The exact arrangement is subject to change. The placement needs to be 100' from the front of Fresh Roots Greenhouse in order to accommodate the trucks delivering the containers.

In order to install the containers here, the land needs to be graded. The topsoil and sand (from the construction of the greenhouse) is in a large pile and can be used to level the ground. We propose bringing in tailings from screening loam to help level and create drainage around the containers.

Additional needs include electricity and water. An electrician would be consulted to determine the most effective way to power the units, likely with an underground line from the electrical service currently on the property. Well water is adequate for growing mushrooms. No sewer tie-in is necessary for the growing operation. No chemicals, fertilizers, or insecticides are used in the production of mushrooms. Cleaning is done with water and hypochlorous acid. Hypochlorous acid is a safer alternative to bleach,

has a short half-life, and is approved for use on organic fruits and vegetables and is also considered safe for wound care. Hypochlorous acid will be used once every two weeks to clean the inside of the grow chambers and to disinfect harvest bins. The quantity used will be approximately 1 gallon at 200ppm of chlorine, every two weeks.

Bathroom facilities for employees will be available in Fresh Roots' trailer/office. Should Fresh Roots leave and/or remove the trailer, we recognize we will need to provide bathroom facilities for our employees.

The second choice of locations is shown with the orange rectangle. While the containers would fit behind Fresh Root's greenhouse, it would be a little crowded and give no space for future expansion.