

Composite image of doorway in original wall
Flint, brick and woodwork to be restored as part of works



A better way to grow

Aquaponics uses a recirculating process to grow and harvest plants, and farm fish. Fish waste works with the beneficial bacteria in gravel and plants, creating a recyclable, concentrated compost.

- 1 Wastewater is pumped from the fish run to the upper gravel bed, where the bacteria break down the impurities. What remains is nitrogen, an essential nutrient for plants. Watercress is planted in the gravel bed as a secondary method of filtering the fish-run water, as well as a variety of harvestable crops, including tomatoes and salad greens.
- 2 The upper gravel bed is slightly angled so the water flows away from the pump to a drainage system at the back of the bed. Once there, the water drains down to the lower gravel bed.
- 3 The lower gravel bed is angled back toward the pump, once again filtering the water and nitrating the plants as it enters a second drain.
- 4 The filtered water drains from the lower growing bed back into the fish run, and the cycle begins anew. Every nine months, the fish (tilapia and more recently yellow perch) are ready to be harvested.

Additional text by Colleen O'Connor, The Denver Post

Source: Paul Tamburello, founder Urban Organics, Growing Power Inc.



Tilapia

Associated Press photo, Moapa Valley National Wildlife Refuge

Jonathan Moreno, The Denver Post



Angus Super Gasification Log Boiler
92% Heat Efficiency
Minimal ash and gas emissions
80kw Output
12 hour burn per full load of logs
Safety systems for freezing & overheating



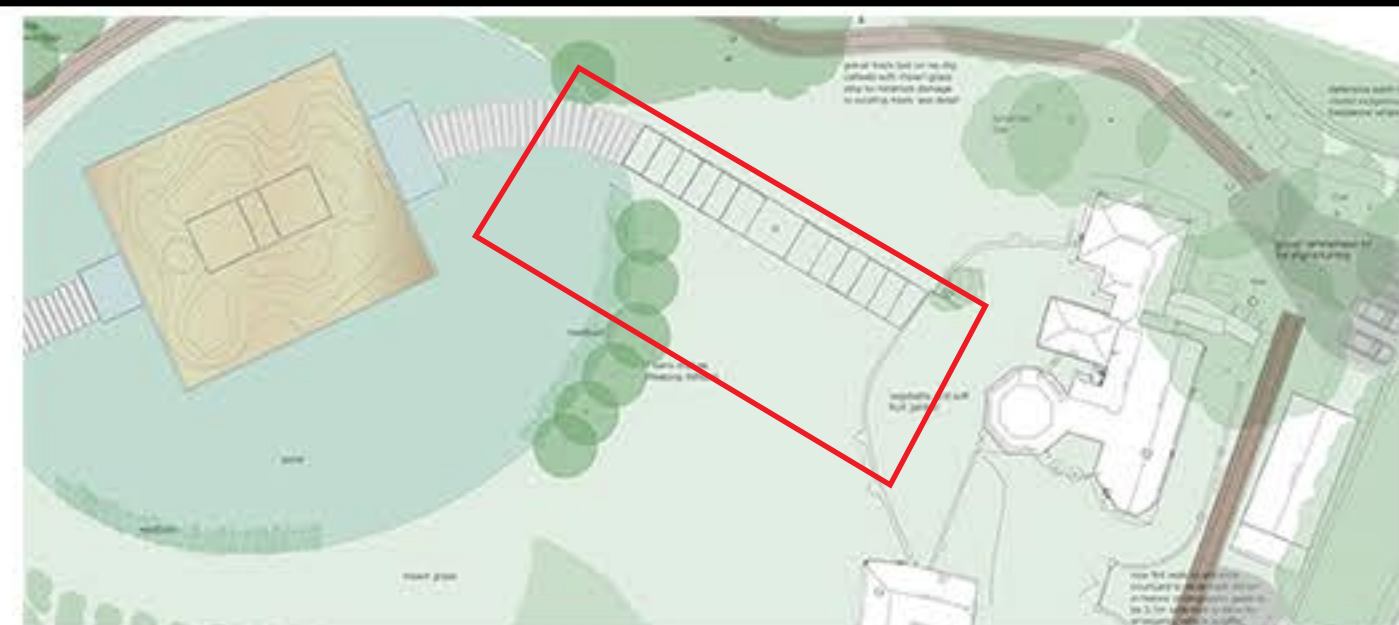
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Check all dimensions prior to commencement of the work

If the drawing exceeds the quantity in any way the architects are to be informed before work is commenced

Drawings are to be read in conjunction with structural engineers drawings and specification

ARUN DISTRICT COUNCIL CMO0137L



Design & Build with Love
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Project Name:
The Mill Buildings Clipping

Drawing No. 17
Drawing Title:
Orangery / Plant Room
Plan & Elevation

Date: 11/12/2017

Scale: 1:50 @A1