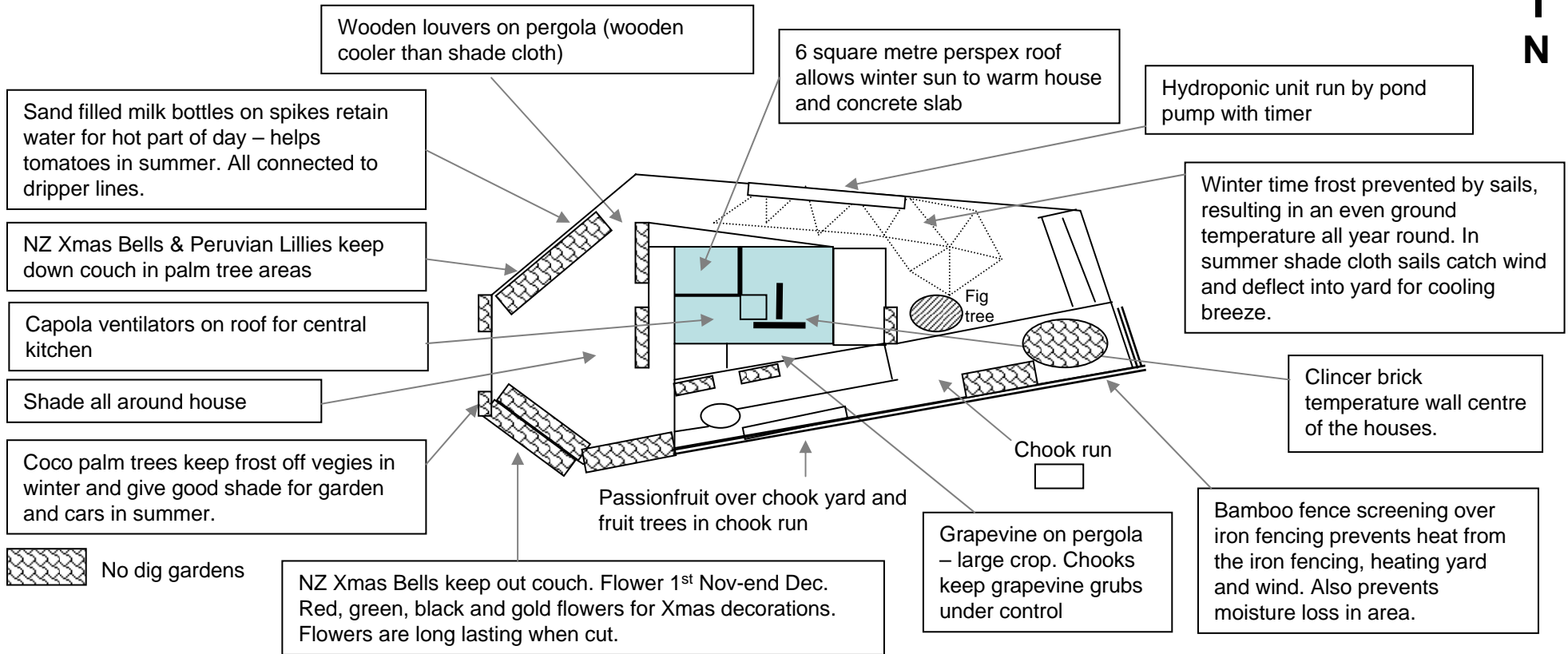


Sustainable Garden Design Features – Ptilotus Crescent, Alice Springs



Entire garden on auto timers inline subsoil drippers. Use on-site worm farms and chicken droppings for fertilizer. All washing machine water goes on garden. Plastic liner under Hen House to collect droppings for use when needed.

NOTES ON HOUSE DESIGN FEATURES

House keeps an optimum temperature of 21°C all year round. House is cooler mid Summer when sun is going directly overhead, than in Spring/Autumn when sun is still at an angle. At these times open doors for through ventilation. Convair 2000 air conditioner sufficient to cool living area with aid of fan.

Rubber backed carpet installed.

4° pitch roof solar hot water heater No need for solar hot water booster.

No heating required in winter. No heating required in winter as walls are steel framed, sealed with sicalation paper, glued airtight, lined with polystyrene and wool bats and sealed again with sicalation inside then covered with waferweld panelling. The ceiling is lined with polystyrene wafer or straw .

Solar ventilators open over 24° on roof. Whirly ventilators around patios and grape vine patio. Air vents have to be covered in winter to prevent neighbour's wood fire smoke from suffocating us. This does present a problem while cooking in kitchen in winter.

Ventilating skylights with velcro covers of both shade cloth and plastic options in all rooms. Skylights also light interior of house at night from street lights.

All curtains on glass doors and windows go right to ceiling and are backed with layers of heavy plastic curtains, a 20% heat loss or gain.