

# Finished roof profile

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# Cooling & ventilation

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Purge building of heat at night by leaving secure high windows open



Shade cloth in summer to keep sun off northern windows

# Heat reflective paint

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# Photovoltaic panels

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Panels set at 24 degree angle to allow arrays to be pushed closer and leave room for future expansion and minimise visual impact to neighbours

# Solar heating - water

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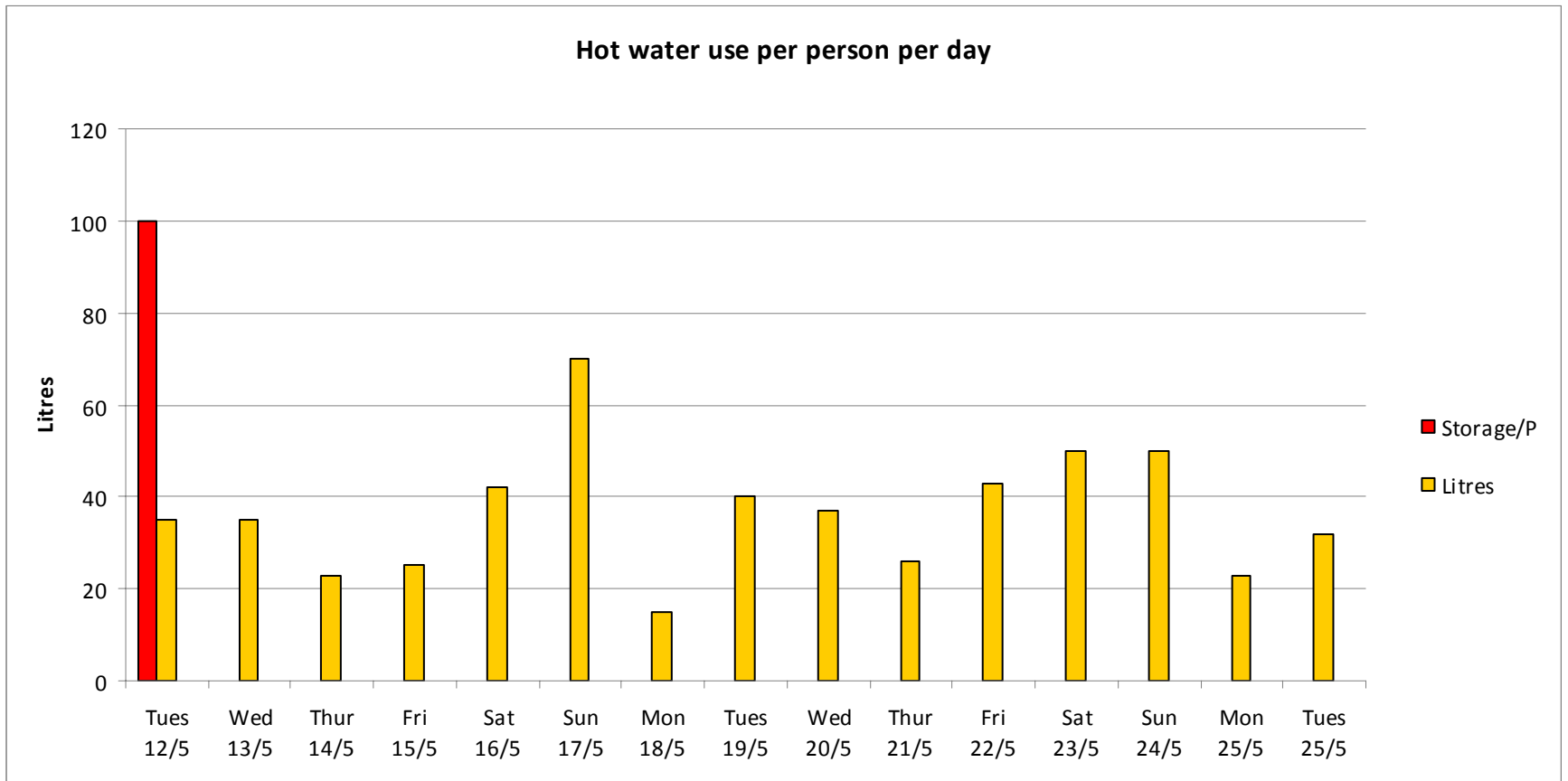


Separate instantaneous gas booster

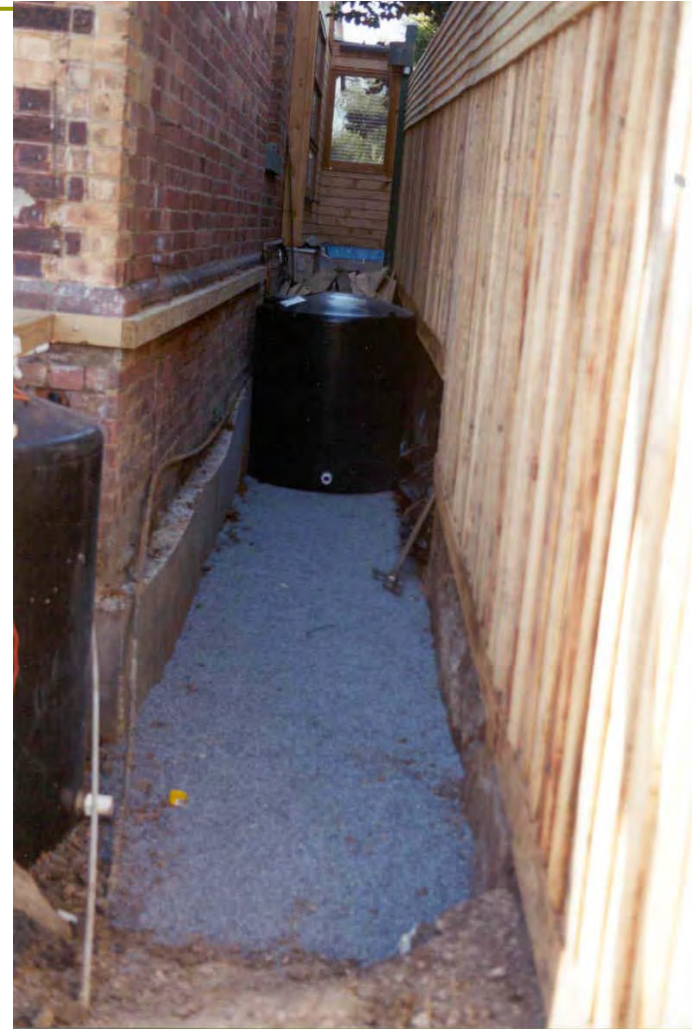


Solar hot water solar absorbers face west. West is fine with an extra solar absorber panel

# Size of solar water heater



# Rainwater – 9 kL capacity



# Rainwater

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# Greywater

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# Greywater storage and treatment

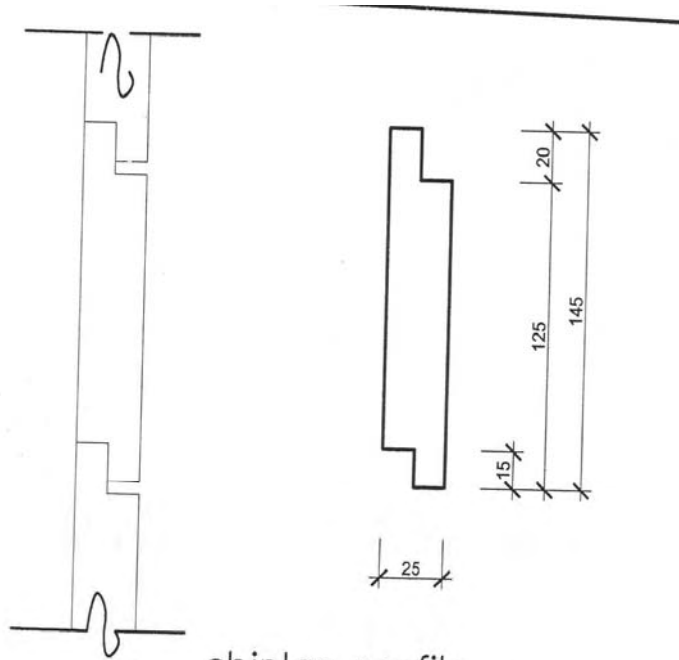
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1,000 litres storage



# Timbers - external



shiplap profile

01 cladding milling profile  
--- scale 1:2

Timber: Cypress Macrocarpa from  
Richard Walters Ph: 57861 778



# Priorities and choices

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## Order of choices:

1. Health & wellbeing
2. Affordability
3. Energy efficiency
4. Water efficiency
5. Ecofootprint

# Natural lighting

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# Electricity and water accounts

For supply at - 39 SMART STREET, HAWTHORN, VIC  
 NMI Code - 61021990484

Account period: 20 Jan 2009 to 15 Apr 2009 - Bill Days 85  
 Next anticipated reading between: 20 Jul 2009 & 23 Jul 2009

**Electricity Tariff - Tariff GD**

	Meter Number	Previous Reading	Current Reading	Usage kWh	@Rate c/kWh	Amount \$
From 20 Jan 2009 to 15 Apr 2009 - Bill Days 85						
Peak Use Energy Use	7509810	8797.3	9137	339	15.4900	52.51
Other Charges						
Service to Property						39.73
<b>Sub-Total</b>						<b>\$92.24</b>

**Electricity Tariff - Solar Electricity Buyback**

	Meter Number	Previous Reading	Current Reading	Usage kWh	@Rate c/kWh	Amount \$
From 20 Jan 2009 to 15 Apr 2009 - Bill Days 85						
Peak Use Energy Use	7509810	6752.4	7117.3	364	-23.5000	85.54 cr
<b>Sub-Total</b>						<b>\$85.54 cr</b>
<b>Total Electricity Charges</b>						<b>\$6.70</b>
GST						\$9.22
<b>Total Current Account Charges</b>						<b>\$15.92</b>

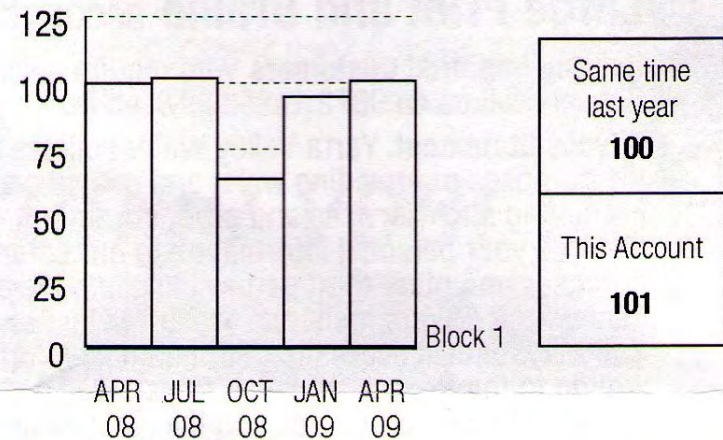
**Latest News**  
 As your account is in credit, payment by you on this occasion is not required.

Import

Net export

## Compare your usage →

Your average usage in litres per day



# Annual Energy and Water

	Our home <b>Now</b>	Ave Boroondara dwelling	Difference %	Our home <b>Previous</b> %
Occupants	3	2.46	-----	2
Electricity kWh/y	500	7,500	- 93%	-72%
Gas GJ/y	9	65	-86%	-65%
Mains water litres per person per year	11,000	60,000	-82%	-74%