



SUSTAINABILITY PRINCIPLES

PASSIVE SOLAR DESIGN PRINCIPLES | NOVEMBER 2012 (Common Features to Front & Back House)

SCALE: NTS

PROJECT NO D-00-3 REV NO - ISSUE 1012

PAGE 1 OF 3

DESIGNED BY SOLAR DWELLINGS and JOSH BYRNE & ASSOCIATES

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JOSH'S HOUSE | GRIGG PLACE HILTON 6163

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Stud wall with insulation

(ST) Solar Tube

Roof Vent

Water efficient fixtures and fittings minimise water usage

Rainwater harvesting (with mains water back up) to supply toilet, washing machine and garden taps in front house, and all internal uses in back house

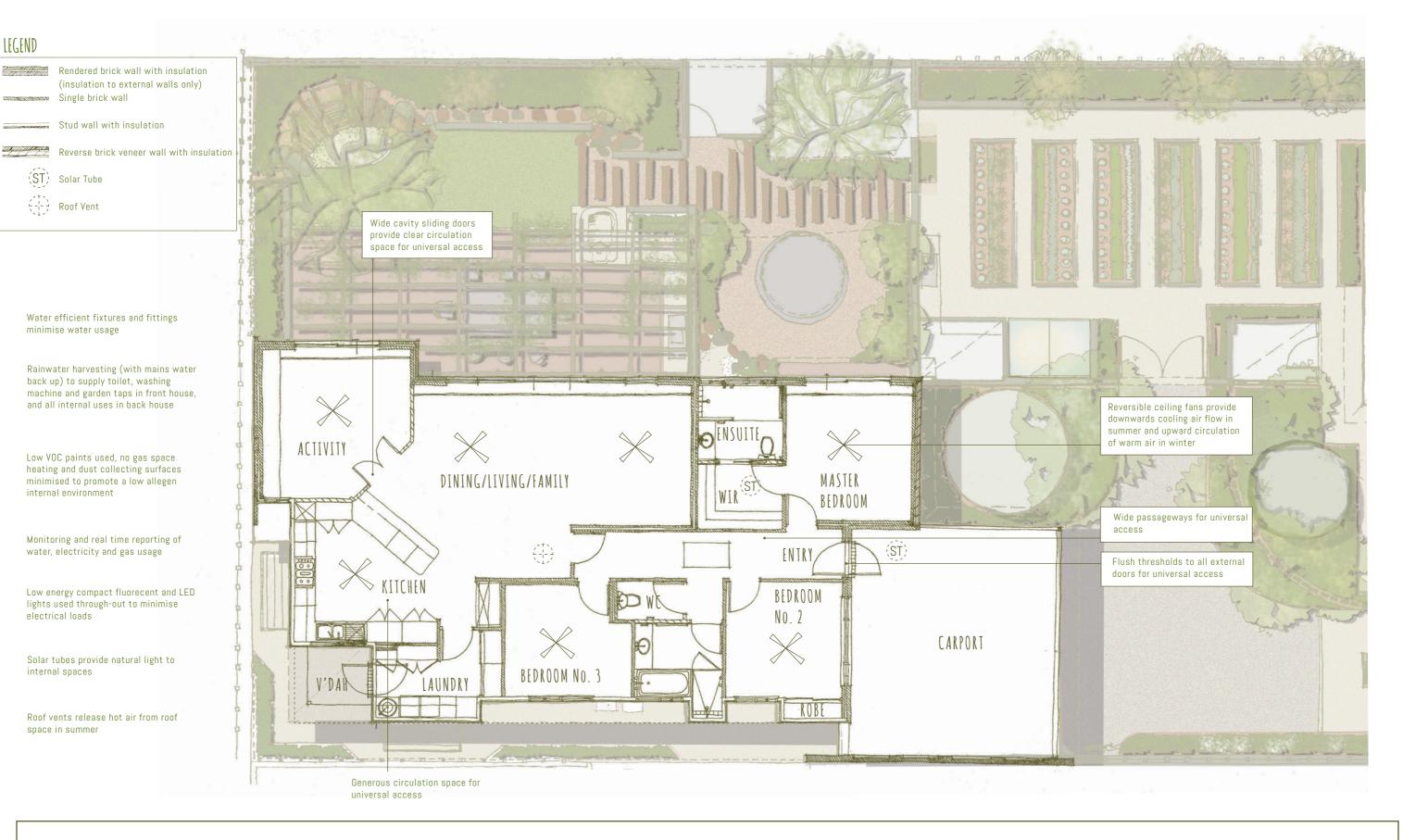
Low VOC paints used, no gas space heating and dust collecting surfaces minimised to promote a low allegen internal environment

Monitoring and real time reporting of water, electricity and gas usage

Low energy compact fluorecent and LED lights used through-out to minimise electrical loads

Solar tubes provide natural light to internal spaces

Roof vents release hot air from roof space in summer





SCALE: NTS

SUSTAINABILITY FEATURES

INTERNAL SUSTAINABILITY FEATURES | NOVEMBER 2012 (Common Features to Front & Back House)

PAGE

2 OF 3

PROJECT NO D-003 REV NO

ISSUE

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EXTERNAL SUSTAINABILITY FEATURES - NORTHERN ELEVATION



EXTERNAL SUSTAINABILITY FEATURES - EASTERN ELEVATION

SUSTAINABILITY PRINCIPLES

EXTERNAL SUSTAINABILITY FEATURES | NOVEMBER 2012 (Common Features to Front & Back House)

SCALE: 1:100@A3

to internal spaces _

heat penetration

PROJECT NO D-003

REV NO

ISSUE

PAGE

3 OF 3

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