



BUILDING WITH SUSTAINABILITY PROCESS

You will need to ensure your new home achieves a minimum Homestar 6 standard or proven equivalent. Yoursection.nz has worked with Selwyn District Council and Bob Burnett Architecture (BBA) to create a simple “checklist” that has been approved by Selwyn District Council.

You are welcome to use other proven sustainable building standards to achieve the above minimum but you will need to discuss your alternative solution directly with Selwyn District Council.

Should you wish to proceed with our Certified Sustainable Home Checklist the following process applies:

- You & your builder/architect will meet with BBA for initial consultation in relation to 10 items on the Wilfield Rise Certified Sustainable Checklist to be included in your build. Please contact Bob Burnett Architecture via email at bob@bbarc.com or phone 0800 002 674
- Once you have final draft of your plans and prior to lodging your building consent please complete the attached forms (i.e. Developers Approval Form and Sustainable Home Checklist) and together with all appropriate plans and documentation email to enquiries@yoursection.nz.
- Yoursection.nz will review your plans in relation to developers approval and will forward this information to BBA for certification approval.
- Should BBA have any queries in relation to your plans they will contact you directly.
- BBA will certify your plans and a copy of this together with your developers approval will then be sent back to you for lodging your building consent.
- Yoursection has agreed to cover the cost for the initial consultation with BBA and the certification approval. Should the purchaser wish to use an alternative minimum sustainable standard this will be at their cost.

Note – if you choose to build to Homestar 6 or another proven equivalent please provide Yoursection.nz with a copy of your certification when applying for developers approval.

Wilfield Rise – Certified Sustainable Home Checklist:

Requirements	Description	Included (tick below)	Refer to reference
1. Floors	Fully insulated Low Carbon Concrete slab including under-slab and edge insulation or suspended floor system with minimum construction R Value >R3.0.		E.g. Page XX of Building Consent Application
2. Windows	>R0.5 Thermally Broken Double Glazing, uPVC or timber framed.		
3. Walls	Minimum insulation R3.2 with GIB fix Framing System or equivalent to reduce thermal bridging. All non-essential dwangs/nogs omitted. Minimum Insulation R5.0. Where Construction R Value is less than 6.6, Compliance with NZBC, H1 can be confirmed via. the Calculation Method or Energy Modelling. Ensure insulation is continuous to edges and installed over top plate.		
4. Roof			
5. Airtightness	< 3 air changes/hr. Blower door test to be carried out to confirm this. To be specified on Building Consent Documentation. All doors between conditioned space and garage must be fully sealed.		
6. Ventilation	Bathroom and Separate Kitchen Extraction to outside plus whole house continuous ventilation system with Fresh Air Supply (NOT to be sourced from the roof space). Combustion appliances (i.e. woodfire) to be fully sealed and draw from and vent to the exterior.		
7. Energy	Energy Efficient Space Heating and Heat Pump Hot Water System. Low emission refrigerants for space and hot water heating. Electric Vehicle Charging point (at least 3.6kw) <u>All</u> light fittings to be LED and all interior fittings to be surface mounted.		
8. Overheating Prevention	Appropriately sized eaves (greater than 700mm) or other shading to North and West glazing i.e deciduous trees, pergola's, shutters etc to be appropriate to design and orientation.		
9. Water	WELS rated water-efficient Water Fittings and WC's.		
10. Waste Minimisation	Design should prioritise recyclable materials and where possible level 1 eco-labelled products. On-site Waste Management Plan during construction including sorting of building materials for recycling.		

Note: More information on Construction Methods and Details can be found on the Superhome [‘Healthy Home Design Guide.’](#)

Approved by:

Bob Burnett Architecture