Solar Processing Checklist

Processor Name:			Building Consent No.		
Building Act				Comments/ reason for decision	
Owners approval for BC ensure that any private or confidential information is blanked out or removed	Р	F	N/A		
Sec 26-28 Warnings and Bans	Ρ	F	N/A		
Sec 67 - Is the building consent subject to a waiver or modification? Sign off by TL/MBS, condition BC, create information notice, advise Chief Executive, MBIE.	Ρ	F	N/A		
Sec 112 – Alteration to existing building <i>Cannot reduce</i> compliance with code – record additional considerations at rear of checklist if necessary		F	N/A		
Sec 112 (2) Where work wouldn't proceed if compliance with the code was required – the ability to grant is possible where improvement to attributes that relate to MOE from fire and access and facilities for the disabled outweigh any non compliance with the relevant provisions of the code		F	N/A		
 Check council records Pre-approval records Land features (consent notices/hazards) Previous plans against those submitted (unlawful work in existing building) Live complaints in system (Ozone) 	Ρ	F	N/A		
General				Comments/ reason for decision	
Specifications	Ρ	F	N/A		
Floor plan with location of appliance/ system	Ρ	F	N/A		
B1 - Structure			Comments/ reason for decision		
Engineering for roof tanks (load on existing structure)	Ρ	F	N/A		
Panel/roof tank fixing to roof	Ρ	F	N/A		
Specific Engineer Design Type (list) PS1 Calculations Construction monitoring PS author acceptance	Ρ	F	N/A		
B2 - Durability				Comments/ reason for decision	
Material compatibility	Ρ	F	N/A		
Microclimatic considerations (a) Industrial contamination and corrosive atmospheres; (b) Contamination from agricultural chemicals or fertilisers; and (c) Geothermal hot spots. Hot spots are defined as being within 50 m of a bore, mud pool, steam vent, or other source. Microclimatic conditions (a) to (c) require SED.	Ρ	F	N/A		
E2 – External Moisture				Comments/ reason for decision	
Pipe penetrations to roof and or wall	Ρ	F	N/A		
F7 – Warning Systems			Comments/ reason for decision		
Location of any type 1 alarm	Р	F	N/A		

G12 – Water Supplies	Comments/ reason for decision			
Solar panel orientation (Geyserview or site plan)		F	N/A	
Schematic – pipe layout	Ρ	F	N/A	
All relevant valves/venting assessed		F	N/A	
H1 - Energy Efficiency				Comments/ reason for decision
 Water pipe insulation requirement Outside thermal envelope but within building =R 0.3 Outside building envelope =R 0.6 		F	N/A	
P = Pass F = Non-compliance with the Buildir	na Co	ode ·	– furti	ner information required

F	=	Non-compliance with the Building Code – further information requ
---	---	--

N/A = Not Applicable

Alternative Solutions

- Alternative solutions involving structural, geotechnical, fire, weather tight, acoustic, HVAC, energy efficiency and fire design will be peer reviewed by a contractor/specialist
- Before finalizing a decision of whether to accept or refuse an alternative solution the processor will obtain a peer review from their Team Leader/Technical Leader
- In making a decision, the Building Consent Assessor may give consideration to (but is not limited to) comparison with acceptable solutions, other documents, standards, best practice guides, publications, expert opinion, determinations, in-service history, product certification - compliance with Building Code objectives. Consideration may also be given to industry guidance provided in BRANZ Bulletin #456 (Dec 2004).

Alternative Solutions, Change of use, ANARP, Section 112 - Reasons for Decisions continued and or other considerations

GRANTING BUILDING CONSENT

Sign the application form to grant the building consent once satisfied on reasonable grounds that if the building work was to be constructed in accordance with the approved documents, then compliance with the Building Code will be met.