

Form 46-1 - Sustainability Checklist

Name: _____

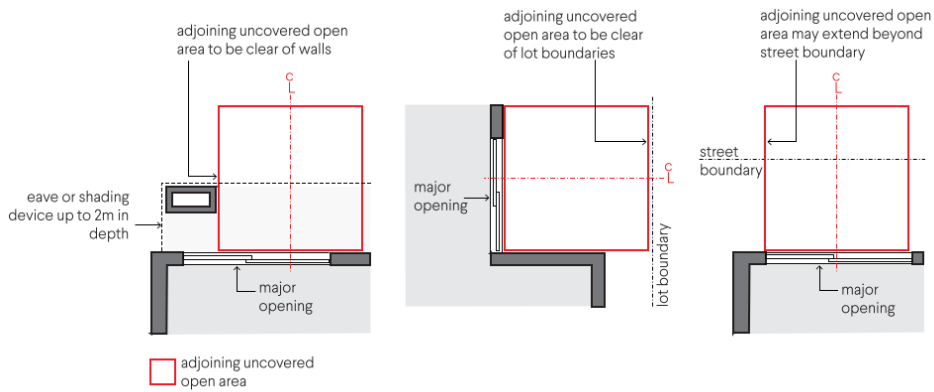
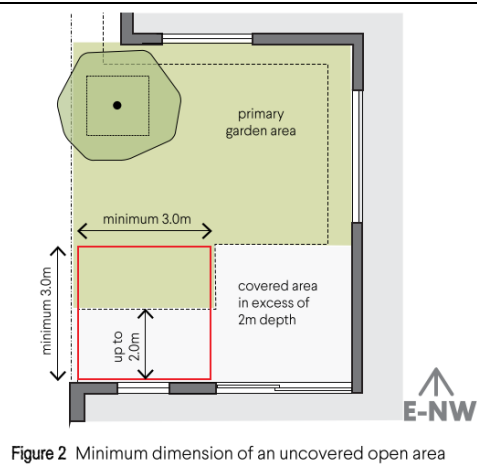
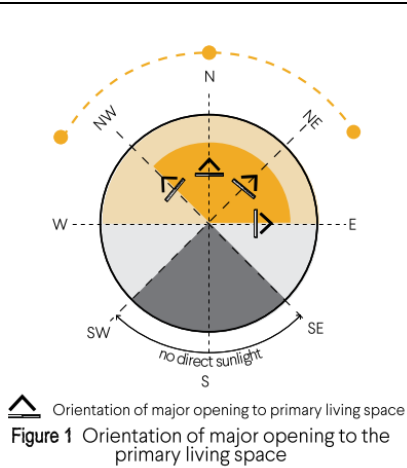
Address of Development: _____

Notes:

1. In accordance with clause 5(A2), if more than one dwelling is proposed on-site, one Form 1 checklist is required for each dwelling
2. In accordance with clause 5(A4), sustainability measure(s) must also be reflected on development plans (including site, floor, roof and elevation plans)

Item	Theme	Sustainability Measure	Points	Check
1	Solar Efficiency	Solar PV system with the following minimum 3kW size inverter(s)	20	
2		Solar battery storage of a minimum 8kWh	30	
3		A minimum 150L: <ul style="list-style-type: none"> • Solar hot water system with a minimum 2 panels of solar collector area; or • Heat pump hot water system. This system is not to be gas boosted (i.e. electric heat pump boosted).	10	
4		Roof colour to have a solar absorptance value of not more than 0.45. Note: this value is usually listed on the material specification sheet/data sheet available from the manufacturer Note: this sustainability measure is an option for new single houses and grouped dwellings, and applicable detached additions and/or alterations only i.e. will not be accepted for significant additions and/or alterations to an existing dwelling	10	
5		100% of windows to habitable rooms double glazed with <ul style="list-style-type: none"> • Conductive (metal/aluminium) frames • Insulative (timber/PVC/'thermally broken') frames Note: this sustainability measure is an option for new single houses and grouped dwellings, and applicable detached additions and/or alterations only i.e. will not be accepted for significant additions and/or alterations to an existing dwelling	20 30	
6	Water Efficiency	Rainwater tank of minimum 3,000L capacity that is plumbed into a toilet and/or laundry. Note: refer to Local Planning Policy 32 (table 1, row 15) for guidance on water tanks	10	
7		A grey water reuse system that collects grey water from the laundry and bathroom and redirects it for garden irrigation. Note: Refer to the Code of Practice for the Reuse of Greywater in Western Australia 2010 , which specifies the minimum areas of garden or lawn required for greywater disposal.	20	
8		Permeable paver driveway(s) Note: Please be advised that for the purposes of calculating stormwater retention requirements (eg for strip drains and soakwell's etc) the Town will assume that permeable paver driveways act as an impervious surface.	10	

9	Vegetation	Waterwise plants as defined by the Water Corporation comprise 75% of the total landscaped area. The landscaped area must be a minimum of 20m ² . A landscaping plan must be provided with the development application. Note: See https://www.watercorporation.com.au/ for further information on waterwise plants	20	
10		Within the dwelling site, retain one healthy living tree that is— <ul style="list-style-type: none"> a. is of a species that is not included on State or local area weed register; and <ul style="list-style-type: none"> • Is between 4m and 8m high; ----- OR----- • Is 8m or more high; and/or • has an average canopy diameter of at least 6m; and/or • has a truck circumference of at least 1.5m, measured 1.4m above the ground. An arborist report and Form 46-2 must be provided with the development application to verify the ongoing health of the tree. The Town of Victoria Park will determine whether the proposed tree satisfies the requirement of this sustainability measure.	30 50	
11		Within the dwelling site, provide a new tree and associated planting area in addition to/in excess of what is required under the R-Codes. The tree must be a local native species with a planting size of at least 35L and must be retained for the life of the development. For dwellings assessed under: - Part B of the R-Codes, this entails an additional tree with minimum 2mx2m planting area. - Part C of the R-Codes, then this would entail an additional 'small tree' with minimum 9m ² deep soil area and minimum dimension 1.5m ² (ie, 3mx3m would comply, but so would 6mx1.5m) NOTE: an applicant must provide the following information regarding the proposed tree for this sustainability measure to be considered - supplier, botanical name, common name, planting size (in litres, at time of planting), height at maturity (average) and life expectancy (average)	20	
12	Transport	At least one car parking bay provided (< 1m from) with -a General Power Outlet (GPO) -a minimum 7kW electric vehicle charger with dedicated switchboard circuit. Note: the sustainability measure for a 7kW electric vehicle charger requires a 'vehicle ready' set of electric vehicle supply equipment to be installed, including power supply, control module and cable attachment/charging socket	10 20	
13	Energy Efficiency Design	Ceiling fans provided to all bedrooms	20	
14		A major opening to the primary living space is oriented between north-west and east in accordance with Figure 1, with an adjoining uncovered open area with: i. a minimum dimension 3m x 3m ¹ in accordance with Figure 2; and ii. the exception of shading devices up to 2m depth. ¹ The centre line of the minimum 3m x 3m area must be contained within the glazed area of the major opening (Figure 3).	40	



Note: A deemed-to-comply dwelling designed under Part C of R-Codes Volume 1 will meet this provision by default. This provision is intended to encourage dwellings designed under Part B of the R-Codes to also be designed in accordance with solar passive design principles.

15	<p>Achieve a Nationwide House Energy Rating Scheme (NatHERS) star rating of not less than:</p> <ul style="list-style-type: none"> -Eight stars -Nine stars <p>The energy efficiency rating for the dwelling shall be certified by a suitably qualified and accredited energy assessor using accredited software and shall be provided at the development application stage.</p> <p>The Town will also consider an alternate equivalent rating tool. Where an alternative certification is being sought, seek prior approval from the Town.</p>	80 100	
16	<p>Commitment to, prior to occupation, an inspection being undertaken by an independent accredited building inspector to confirm that the dwelling has been constructed in accordance with the energy assessment provided.</p>	20	

17		Commitment to, prior to occupation, an airtightness test being undertaken by a suitably qualified professional to confirm the dwelling achieves an air leakage rate between 5 (min) and 10 (max) ACH50 (Air changes per hour at 50 pascals).	20		
18	Additional Sustainability Measure(s)	A Lifecycle assessment undertaken in accordance with ISO 14040 and 14044 demonstrating at least 60% less Global Warming Potential and 50% less net use of fresh water against a reference design to the satisfaction of the Town.	100		
19		The proposal is an accessible dwelling designed to gold level universal design in accordance with R-Codes Volume 1 Part B, 5.5.4 C4 or R-Codes Volume 1 Part C, C2.7.2	20		
20		The proposal is a 'Small Dwelling' as defined by the R-Codes Volume 1 - this being a single house or grouped dwelling with an internal floor area no greater than 70m ²	20		
21		No natural gas is to be used for cooking, dwelling or water heating.	20		
22		<p>[state sustainability measure(s)] Refer to clause 5(A7) of this policy.</p> <p>Note: Should a proponent wish to use an alternative sustainability measure in accordance with clause 5(A7)/item 22, it is recommended they contact the Town of Victoria Park for advice on the suitability of the measure prior to lodgement of the development application. The Town of Victoria Park will advise if further sustainability measures in addition to the alternative sustainability measure is required to achieve the points required in accordance with clauses 5(A1) and 5(A5).</p>			
Sustainability Measure(s) Chosen:		[list item numbers]	TOTAL:		
<p>Applicant declaration:</p> <p>I _____[print name], will implement the sustainability measure(s) as identified above and understand that relevant conditions will be contained as part of any development approval for the application.</p> <p>Signature: _____</p>					