

→For Racking only - Complete Pages 1 & 2
→For Racking and Building Assessment - Complete all pages

1. Project Details

	Roof name/number if multiple
Roof	
	Enter complete street address, not lot numbers
Address	
State	Post code Country

2. Building & Roof Details

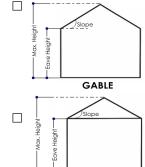
Length		m ⊔	Har	nging	g ob	oject	s or	adc	ditior	nal	
Width	To two decimals	m	If yes, additi	provide onal lo ment e	e deta ads pla	ils of ho	anging n the r	object oof suc			ical
Roof slope		deg					J I				
	To two decimals	_									
Eave height		m									
	To two decimals	-									
Max. height		m									
		_									
*Purlin spacing		mm									
f variable, enter varial											
this checklist is for racking											
this checklist is for buildin											
on the purlin details pages											

Roof structure \square Steel \square Timber \square Concrete

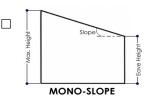
To two decimals

Roof shape

Select one from following shapes



HIP





0. Inspector Details and Statement

I hereby certify that the details documented within this inspection form are ar
accurate reflection of the observed condition of the roof and the structure at
the time of assessment.

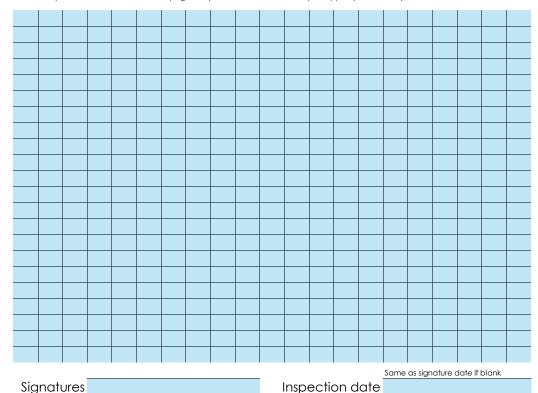
I confirm that all relevant photographic evidence has been included to

support each recorded measurement.

Inspection summary:

Full name

Provide a brief account of the inspection conducted, noting any access limitations, unusual observations, or areas of concern. Confirm whether all relevant information was collected, and identify any elements requiring further review or follow-up. Use the space below to include any relevant sketches. Additional pages may be attached as necessary to support your summary.



Signature date

Form Ver. 1

ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

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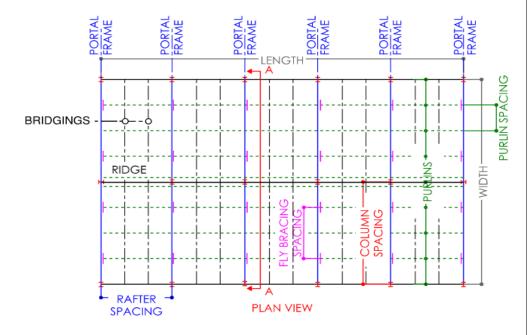
solar@designdevise.com.au →For Racking and Building Assessment

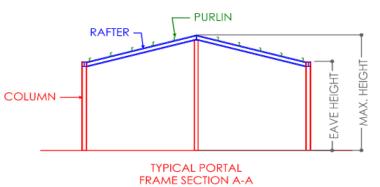
3. Roof Sheet Details - Optional Providing roof sheeting details (e.g. supplier, profile, and type) offers helpful context for our design team—especially	4. Solar Array Details
for off-purlin, non-penetrative solutions. This background assists in referencing manufacturer data on wind capacity and understanding roof-panel gaps that influence wind pressure distribution. Sheet type if known:	Array type
□ Lysaght: KLIP-LOK 700 HI-STRENGTH® □ Steeline: Lokdek 680 (ST35) □ Lysaght: KLIP-LOK CLASSIC® 700 □ Steeline: Steel-Rib 500 (ST28) □ Lysaght: KLIP-LOK® 680 □ Stramit: Speed Deck Ultra® 700 □ Lysaght: KLIP-LOK® 500 □ Stramit: Speed Deck® 500	☐ Flush mount Red'tep
□ Lysaght: KLIP-LOK® 406 □ Metroll: METLOK® 700 □ Lysaght: KLIP-LOK® 300 □ Fielders: KingKlip® 700 □ Lysaght: LONGLINE 305® □ Fielders: Hiklip □ Revolution: Rev-Klip™ 700 □ Revolution: MaxLine 340	□ Tillt mount
Other	Tilt angle deg
Sheet detail if type unknown:	Rails orientation Perpendicular to purlins Parallel and directly above purlins
☐ 2-pans per sheet	LENGTH LENGTH
Full Rib Lapped Rib Cover Width	PURLINS PARALLEL & DIRECTLY ABOVE PURLINS
3-pans per sheet Lapped Rib Cover Width Cover Width	PLAN VIEW
Cover width mm Rib height mm	Panel dimensions and weight
Inner clip photos available and attached? ☐ Yes ☐ No	mm mm length mm Weight
5. Fasteners Details (It is the client's responsibility to select appropriate fastener	s for their roof type.)
 □ Kliplok High Strength EMU □ Kliplok Classic EMU □ SingleFix Pro □ Longline Seam Clamps 503 AL EMU □ TrimFix EMU □ RapidPro L 	 □ RapidPro L - Configuration B □ Other (specify) □ Rapid²+ Pro SML □ Klicktop

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6. Roof Framing Layout

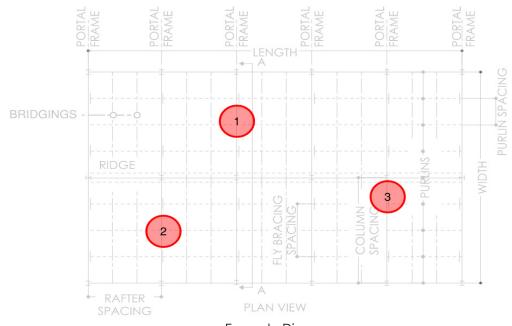
☐ Type 1 - Portal Frames - No Transfer Beams





**IMPORTANT - MARK & NUMBER INSPECTED LOCATIONS

Mark and number the locations inspected on the Type 1 (page 3) or on the Type 2 (page 4) roof plans. Refer to the Example Diagram below - Inspected locations are indicatively marked and numbered in red circled, then fill out the next pages for member details such as purlins, rafters, columns etc. Attach additional pages if required to provide data for all locations inspected. Ensure enough locations are inspected to capture the entire framing accurately.



Example Diagram (to mark & number the locations inspected)

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6. Roof Framing Layout

Type 2 - Draw Layout & Section - If NOT Typical
(e.g. when there are Transfer Beams - Clearly mark the locations of Transfer Beams and all critical members)

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Timber Grade

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solar@designdevise.com.au Location 1 - Rafters **Location 1 - Columns** Column height Bracing height Rafter Span Fly-bracing mm mm mm mm (if applicable) ☐ Steel W-Section ☐ Steel W-Section mm mm mm mm D mm mm mm mm ☐ Timber □ Steel RHS mm mm D mm mm mm ☐ Other (provide a labelled sketch of the rafter section) ☐ Other (provide a labelled sketch of the column section)

ROOF SOLAR RACKING CHECKLIST & BUILDING INSPECTION FORM

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Location 1 - Trusses (if applicable) Plan bracing Truss Span Truss spacing mm mm mm Vertical Height Angle dea Assembly dimensions Typical diagram mm (provide a labelled WEB (ORANGE) sketch if different) VERTICAL. HEIGHT TOP CHORD (RED) mm mm $\theta = \dot{s}$ mm SPAN mm **BOTTOM CHORD (BLUE)** mm mm Timber Other (provide a labelled sketch of the ☐ Steel RHS ☐ Equal Angle column section) ☐ Unequal Angle ☐ T-Section mm D mm D $\overline{\leftarrow W \rightarrow}$ $\overline{\leftarrow W \rightarrow}$ **Timber Grade** Top Chord ☐ Hardwood Top Chord **Bottom Chord** Web □ Softwood mm **Bottom Chord** ☐ Hardwood mm mm □ Softwood mm mm mm Web ☐ Hardwood □ Softwood



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Location 2 - Purlins	Purlin Span	mm	Purlin Spacing	mm			(2)
DEPTH THICKNESS	Depth Thicknet (mm) (mm) (mm) □ 102 □ 1.0 □ 1.52 □ 1.2 □ 203 □ 1.55 □ 254 □ 1.9 □ 300 □ 2.4 □ 350 □ 3.0 □ 400	□ 0	Continuity Single Span Continuous for spans Lapped for spans	DHS Steel Purlin	Depth Thick (mm) (mm	1) 1.15	Continuity Single Span Continuous for spans Lapped for spans
□ Steel C-Section THICKNESS	Depth Thicknet (mm) (mm) (mm) 102 □ 1.0 □ 1.52 □ 1.2 □ 203 □ 1.5 □ 254 □ 1.9 □ 350 □ 3.0 □ 400	ss Bridging 0 1 2 3	Continuity Single Span Continuous for spans	Steel Top-hat TOP WIDTH THICKNESS BASE WIDTH	□ 61 □ 0	(mm) 0.42	Base Width (mm) 61 63 75 90 103 117
□ Non-standard Sect	ion (provide a labell	ed sketch of t	ne section)		Connection to Rafter 2 screws 4 screws	Continuity Single Some Continuity Lapped	uous for spans
				☐ Timber Batten → BREADTH → DEPTH]	Timber Typ mm	od 🗆 Single Span



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Location 2 - Rafters **Location 2 - Columns** Column height Bracing height Rafter Span Fly-bracing mm mm mm mm (if applicable) ☐ Steel W-Section ☐ Steel W-Section mm mm mm mm D mm mm mm mm ☐ Timber □ Steel RHS mm mm D mm mm mm ☐ Other (provide a labelled sketch of the rafter section) ☐ Other (provide a labelled sketch of the column section)

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Location 2 - Trusses (if applicable) Plan bracing Truss Span Truss spacing mm mm mm Vertical Height Angle dea Assembly dimensions Typical diagram mm (provide a labelled WEB (ORANGE) sketch if different) VERTICAL. HEIGHT TOP CHORD (RED) mm mm $\Theta = S$ mm SPAN mm **BOTTOM CHORD (BLUE)** mm mm Timber Other (provide a labelled sketch of the ☐ Steel RHS ☐ Equal Angle column section) ☐ Unequal Angle ☐ T-Section mm D mm D $\overline{\leftarrow W \rightarrow}$ $\overline{\leftarrow W \rightarrow}$ Timber Grade Top Chord ☐ Hardwood Top Chord **Bottom Chord** Web □ Softwood mm **Bottom Chord** ☐ Hardwood mm mm □ Softwood mm mm mm Web ☐ Hardwood □ Softwood



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Location 3 - Purlins	Purlin Span		mm	Purlin Spacing	mm				(3)
□ Steel Z-Section DEPTH - THICKNESS	(mm) (r □ 102 □ □ 152 □ □ 203 □ □ 254 □ □ 300 □		Bridging 0 1 2 3	Continuity Single Span Continuous for spans Lapped for spans	DHS Steel Purlin	Depth (mm) 150 200 250 300 350 400	Thickness (mm) 1.15 1.25 1.45 1.75 1.95	Bridging 0 1 2 3	Continuity Single Span Continuous for spans Lapped for spans
□ Steel C-Section DEPTH THICKNES	(mm) (r □ 102 □ □ 152 □ □ 203 □ □ 254 □ \$ □ 300 □	nickness mm) 1.0 1.2 1.5 1.9 2.4 3.0	Bridging 0 1 2 3	Continuity Single Span Continuous for spans	Steel Top-hat TOP WIDTH THICKNESS BASE WIDTH	Depth (mm) 22 25 88 40 61 96 120	Thickness (mm) 0.42 0.48 0.55 1.00 1.20	Top Width (mm) 29 32 37 40 42	Base Width (mm) 61 63 75 90 103 117
□ Non-standard Sect	tion (provide a	labelled s	sketch of the	e section)		Connection to Rafter 2 screv 4 screv	VS	Continuity Single Contin	uous for spans
					□ Timber Batten □ BREADTH □ DEPTH	Batten Size Depth Width Timber Gi	mm	Timber Typ Softwoo	od 🗆 Single Span



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Location 3 - Rafters	Location 3 - Columns
Rafter Span mm Fly-bracing mm	Column height mm Bracing height mm (if applicable)
□ Steel W-Section	□ Steel W-Section
W	W
□ Timber □ Timber □ W □ mm □ W □ mm	□ Steel RHS □ Steel RHS □ □ □ □ □ mm □ mm □ □ □ □ mm □ mm □ □ □ □
□ Other (provide a labelled sketch of the rafter section)	□ Other (provide a labelled sketch of the column section)

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Location 3 - Trusses (if applicable) Plan bracing Truss Span Truss spacing mm mm mm Vertical Height Angle dea Assembly dimensions Typical diagram mm (provide a labelled WEB (ORANGE) sketch if different) VERTICAL. HEIGHT TOP CHORD (RED) mm mm $\Theta = S$ mm SPAN mm **BOTTOM CHORD (BLUE)** mm mm Timber Other (provide a labelled sketch of the ☐ Steel RHS ☐ Equal Angle ☐ Unequal Angle column section) ☐ T-Section mm D mm D $\overline{\leftarrow W \rightarrow}$ $\overline{\leftarrow W \rightarrow}$ Timber Grade Top Chord ☐ Hardwood Top Chord **Bottom Chord** Web □ Softwood mm **Bottom Chord** ☐ Hardwood mm mm □ Softwood mm mm mm Web ☐ Hardwood □ Softwood