MOUNTING CUT-LIST

JB Solar & Electrical

Customer: Chris Seel - 16 Cheviot St
Date: 13 Nov 2026
Layout: 2 rows of 11, 11

PANEL	TOTAL PANELS	ROWS
Suntech 475W bifacial STP-NT11/48QGDF-475 (1762 x 1134)	22	2

ORIENTATION	DIM ALONG RAIL
Landscape	1134mm

ROW 1 — CUT EACH RAIL TO
11 panels · landscape · 1134mm along rail · 2 rails · 6× 4.8m sticks

12.874m
⚠ rail overhangs 150mm past the end panel at EACH end

ROW 2 — CUT EACH RAIL TO
11 panels · landscape · 1134mm along rail · 2 rails · 6× 4.8m sticks

12.874m
⚠ rail overhangs 150mm past the end panel at EACH end

Per-row breakdown

ROW	PANELS	ORIENT.	RAIL LENGTH (PER RAIL)	RAILS	MID-CLAMPS	END-CLAMPS	L-FEET	4.8M STICKS
1	11	Landscape	**12.874m**	2	20	4	28	6
2	11	Landscape	**12.874m**	2	20	4	28	6

Order totals

TOTAL RAILS	TOTAL RAIL LENGTH	4.8M STICKS	MID-CLAMPS	END-CLAMPS	L-FEET
4	51.496m	12	40	8	56

Rail length per rail = (panel dim along rail × panel count) + (10mm × mid-clamps) + (150mm per end: 50mm end-clamp + 100mm provisional) × 2 ends. Panel dim along rail = **width** if landscape, **length** if portrait. Two rails per row (top & bottom).
Mid-clamps per rail = panel count − 1. **End-clamps per rail** = 2. **L-feet per rail** = ceiling(rail length ÷ 1000mm) + 1. Rail extends 150mm past the end panel at each end. Rails ordered as 4.8m stock (sticks shown include splices for runs > 4.8m). Rows are calculated independently; strings should not exceed 12 panels.