



ITEM NO.	PART NAME	COMMENTS	QTY.
1	Serpentine Manifold	Manifold is tangent and profile centered to absorber plate	1
2	Absorber Plate		1
3	2x4in (10ft) Width Piece	Cut 10ft to size	6
4	2x4in (8ft) Length Piece	Cut 8ft to size	6
5	Low Iron Tempered Glass		1
6	4x8ft Plywood Board (3/4in)	Cut 8ft to size	1

NOTES

Insulation was not included in drawing or assembly model.

Top cover will be added in next revision.

DATE02-28-2022

DESIGNED: NADIA EL GAMEL

MODELLED: CHARUKA MARASINGHE

TITLE:

SOLAR THERMAL COLLECTOR

SIZEB

DIRECT EXPANSION - SOLAR ASSISTED HEAT PUMP

REV4

DO NOT SCALE DRAWING

SCALE: 1:12

WEIGHT: 120kg

SHEET 1 OF 1