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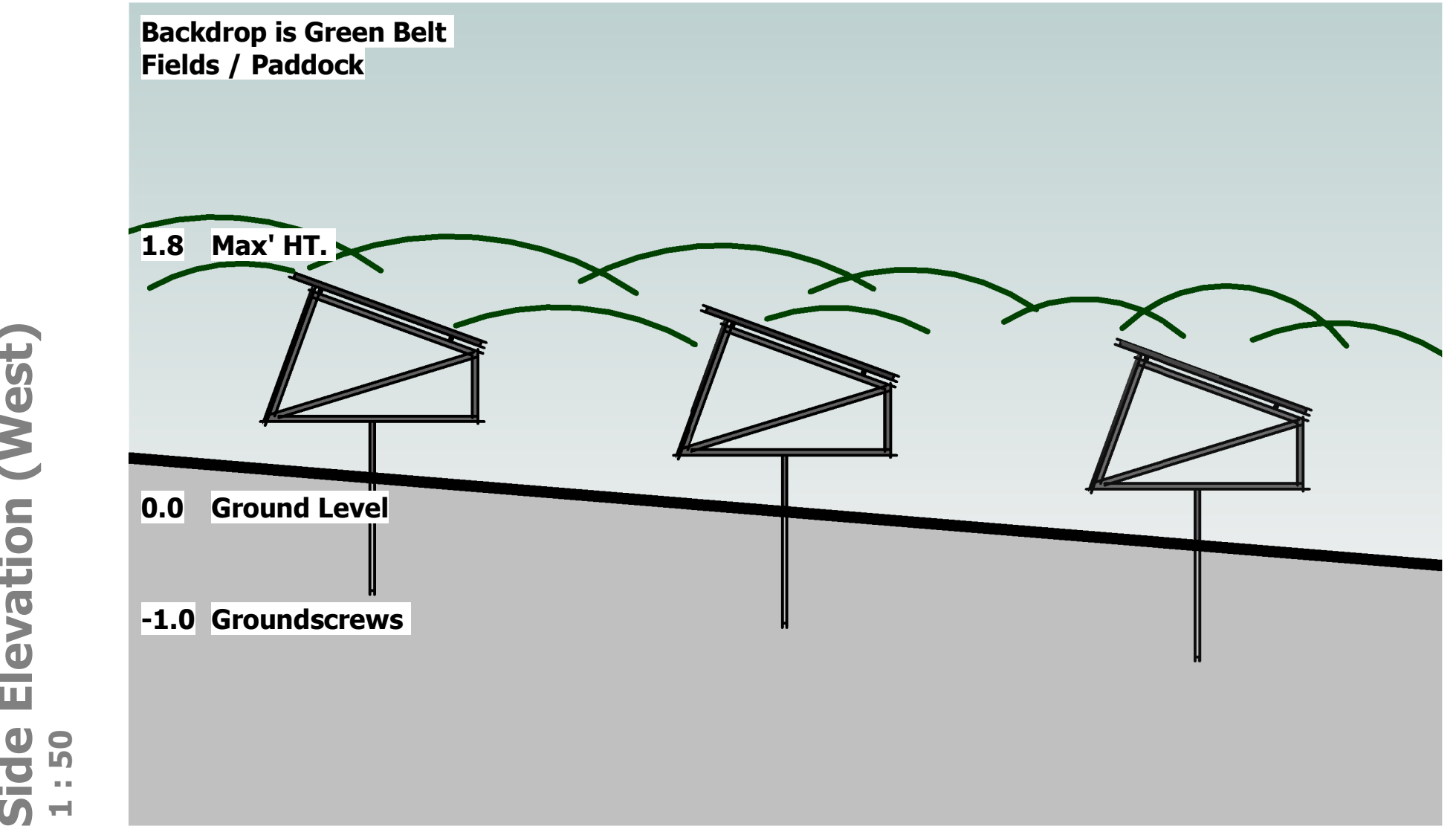
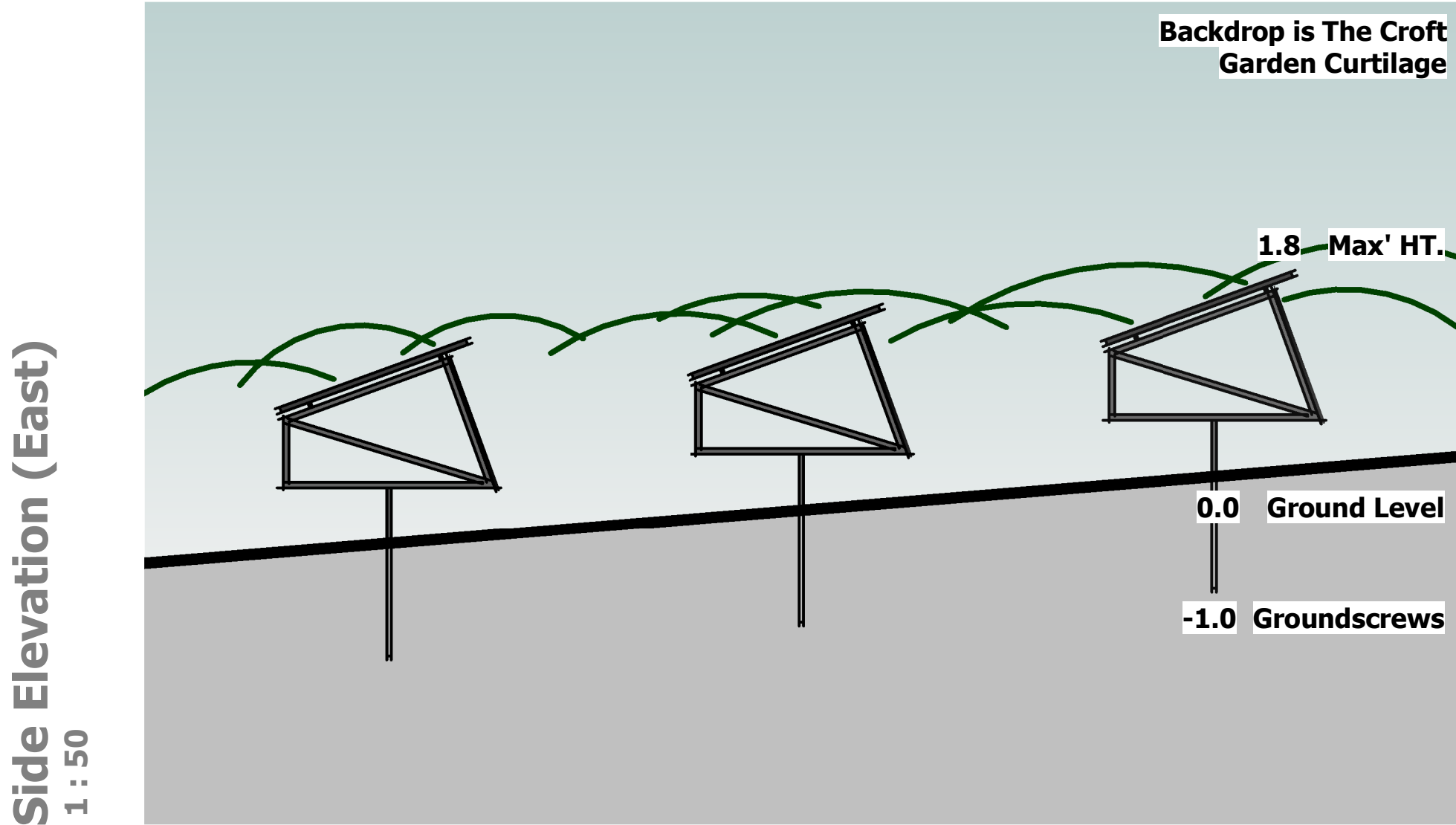
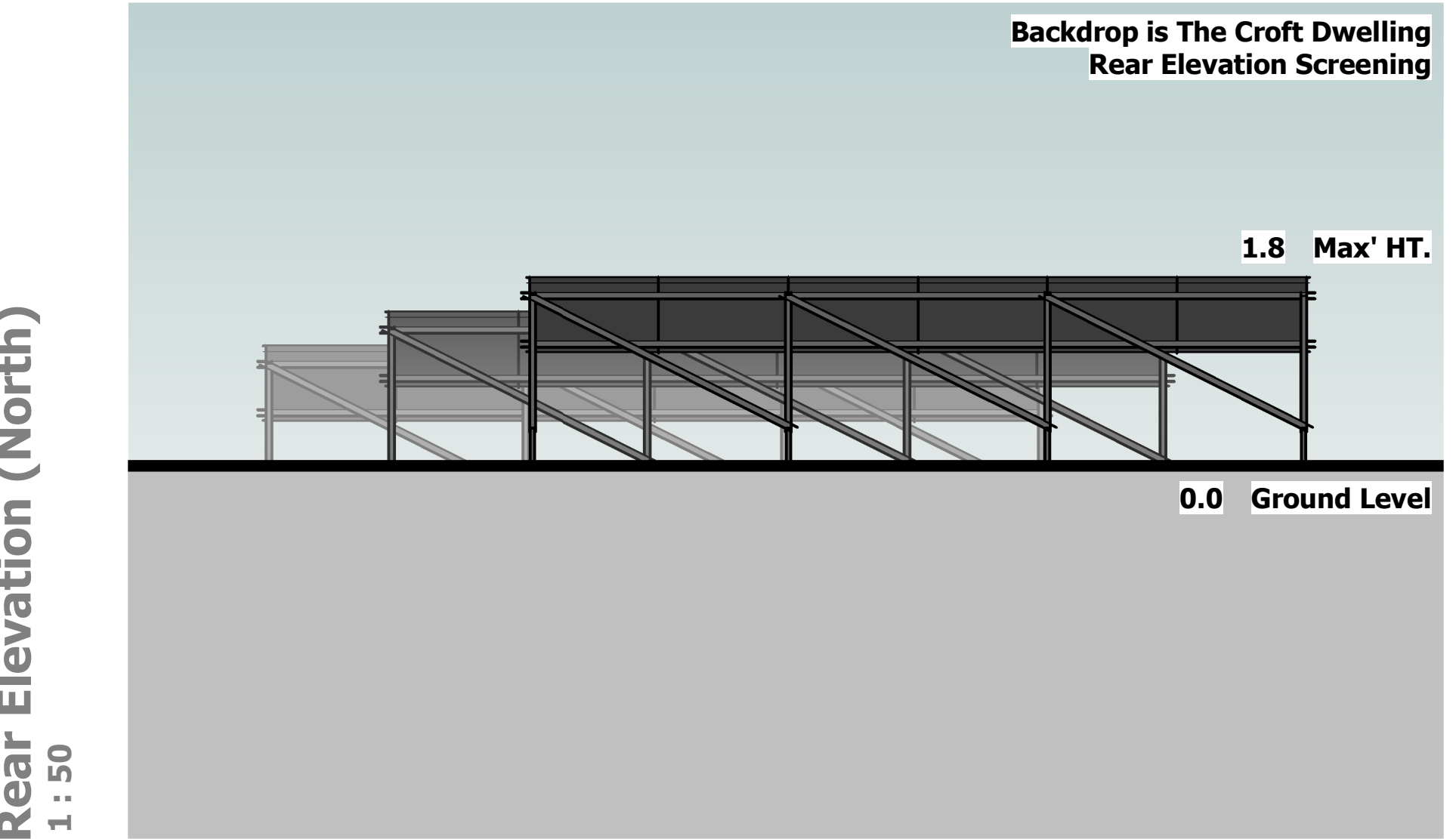
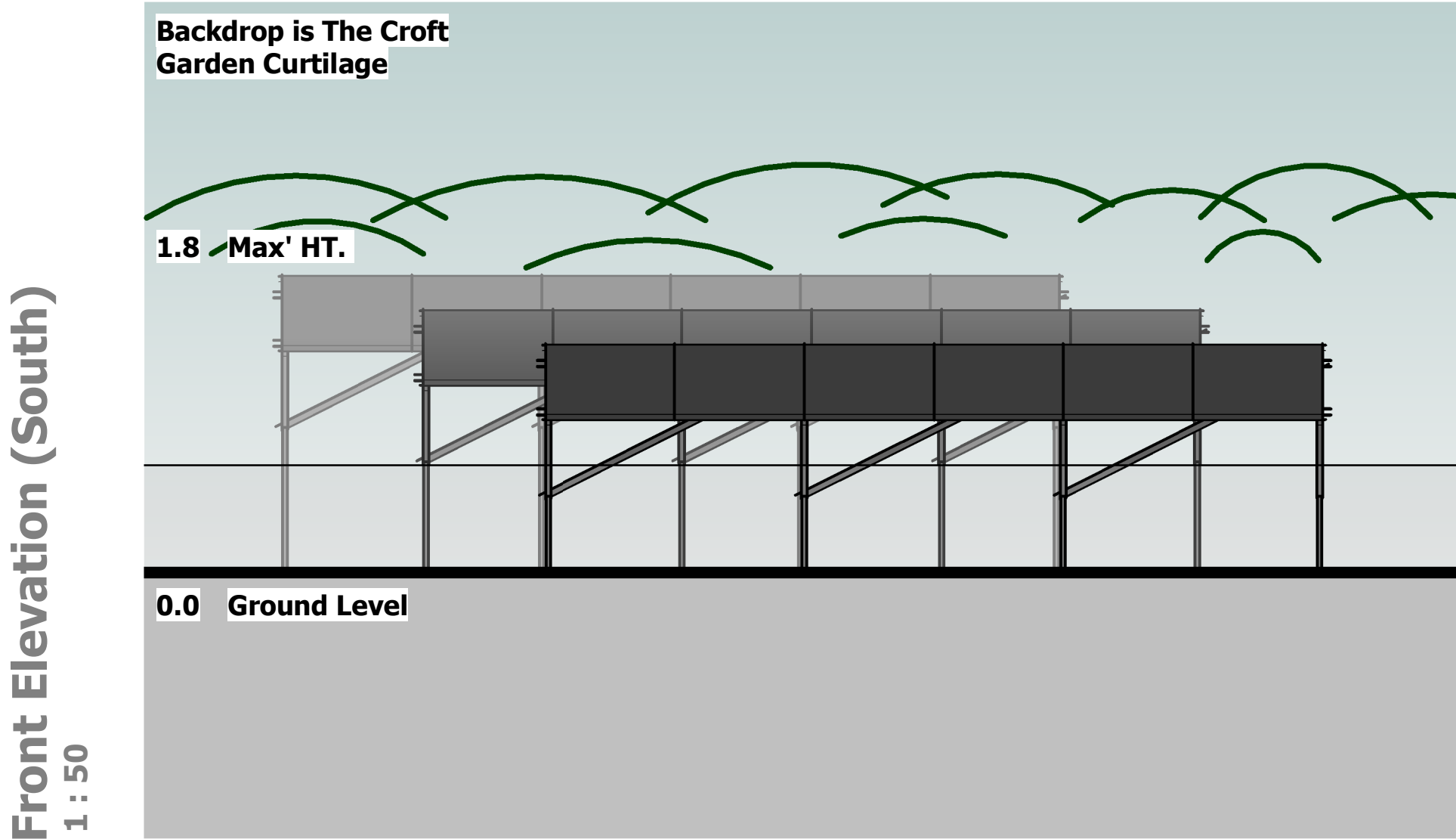
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Notes

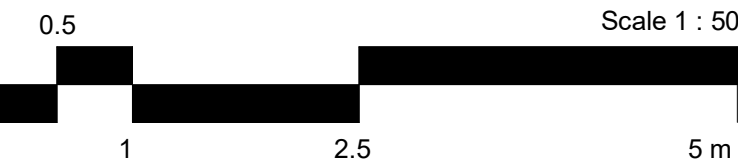
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Only figured dimensions to be referenced from these drawings; if in doubt, please ask for further dimensions. All figures to be checked on site prior to commencement. This drawing is intended for planning or building regulations use only; b3architecturaldesign and the author have not prepared this drawing for construction purposes. It is indicative for specification purposes only. Deviation from this drawing will not be permitted without prior written consent.

The recipient of this drawing shall make themselves aware of any obligations under CDM 2015 (Construction Design and Management). b3 architectural design have considered all foreseeable design risks involved with the architectural elements; but not in a 'Principal Designer' role.

The recipient of this drawing shall make themselves aware of any obligations under the Party Wall Act 1996. The information on this drawing is for indicative purposes and does not overrule any requirement within the Act.

All drainage information is indicative and must be confirmed on site prior to commencement.



Solar (PV) Panel Key:

PV Panel to be:

AIKO Neostar 3554 Mono-Glass Module (460-490W)

AIKO-A-MCE54Mb Panel or equal equivalent.

1722 (h) x 1134 (w) x 30 (d) mm dimension.

Installed at optimum 20° Angle for Max' solar gain.

In 'All Black' colour for muted effect.

Weight 20.6kg per Panel.

Frame / Carrier to be:

SUN FIXINGS 'Park Tegra Single Structure' or equal equivalent. Supports 1 module height in Portrait / Landscape orientation.

Wind bracing can be added to the back of the elevation frames at certain intervals to stabilise the system against lateral movement.

Can be made to suit 20° Angle for maximum solar gain. Aluminium / stainless / galvanised steel (EN ISO 1461) for muted effect.

Weight 9.16kg/m².

Fixing / Anchoring to be:

GROUNDSCREW (1.5m length) or equal equivalent. Reverse augered into place with a 2.5 - 5 tonne auger unit.

Universal size, adjustable, and flexible. The Ground Anchor system allows greater adjustability in the height of the individual posts of the frame, as well as the positioning of the posts within the Ground Anchors.

System leaves no mark on the landscape. This system must be driven to Min' 1.0m depth but causes almost no ground disturbance and can be incorporated into land which holds livestock.

Rev	Date	By	Detail
Drawing status			
RIBA Stage 2 - Concept Design			
Client			
Mr & Mrs R. Vincent			
Project/Location			
Ground-mounted PV (Solar) Panels at: The Croft, Ashbourne Road, Whiston, Stoke-on-Trent, Staffordshire, ST10 2HZ			
Title Proposed Elevations	Date 10-08-23	Drawn BJ	
Drawing Ref 26-14-b3-XX-XX-DR-A-0401	Scale(s) As indicated @A1	Revision	

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