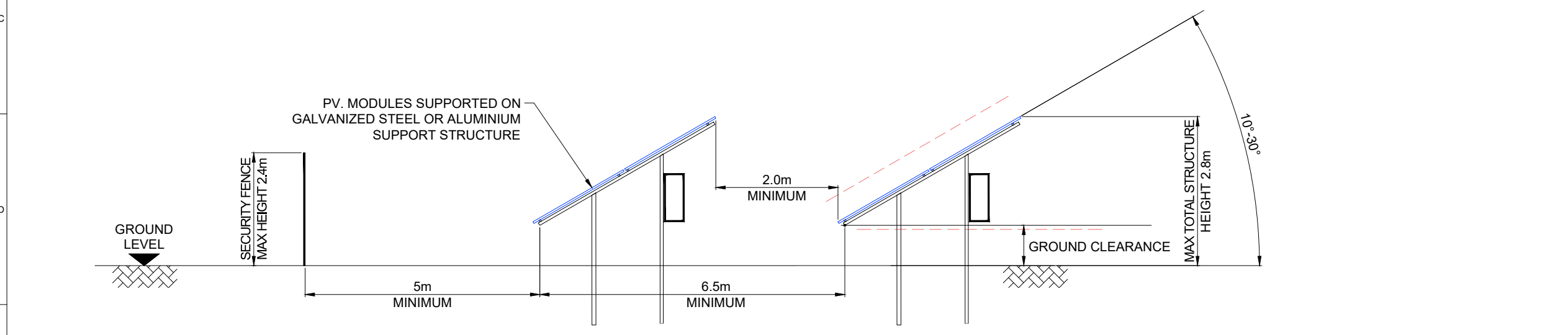


ELEVATION



SECTION A-A

- NOTES**
1. ALL DIMENSIONS ARE SUBJECT TO DETAILED DESIGN.
  2. GROUND CLEARANCE WILL VARY AS REQUIRED ACCORDING TO TOPOGRAPHY AND MODULE CLEARANCE. MINIMUM GROUND CLEARANCE TO MODULE TO BE ABOVE THE 1 IN 100 YEAR + 20% CLIMATE CHANGE FLOOD LEVEL.
  3. THE PILE DEPTH SHALL BE DETERMINED FOLLOWING DETAILED GEOTECHNICAL SITE INVESTIGATION AND WILL TYPICALLY BE 1.5 - 1.7m. HOWEVER THE MAXIMUM DEPTH COULD BE UPTO 2.4m.
  4. PV MODULES ARE SHOWN IN ELEVATION VIEW INSTALLED IN PORTRAIT, ALTHOUGH THEY MAY BE INSTALLED IN LANDSCAPE TO SUIT SITE CONDITIONS.

PANELS WITH PILED FOUNDATION  
SHEET 1 OF 2

3	FG	IB	CC	2022-10-04	MINOR UPDATE
2	FG	IB	EB	2022-07-28	STRUCTURE HEIGHT UPDATE
1	BM	SM	CC	2022-06-27	FIRST ISSUE
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES

PURPOSE	PLANNING	PROJECTION	N/A
SCALE	1:100 @A3	DATUM	N/A
LAYOUT DRAWING	N/A	T-LAYOUT NO	N/A

PROJECT TITLE	LONGHEDGE SOLAR FARM		
DRAWING TITLE	FIGURE 8 TYPICAL PV MODULE AND RACK DETAIL		
RES DRAWING NUMBER	04668-RES-SOL-DR-PT-001	REV	3

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PV MODULE DIMENSIONS  
APPROX 2.5m x 1.1m

MAX. STRUCTURE LENGTH 16.0m

GROUND LEVEL

TYPICAL ELECTRICAL CONTROL CABINET  
(FIXED TO THE STRUCTURE)

ELEVATION

PV. MODULES SUPPORTED ON GALVANIZED STEEL OR ALUMINIUM SUPPORT STRUCTURE

SECURITY FENCE  
MAX HEIGHT 2.4m

GROUND LEVEL

2.0m  
MINIMUM

10°-30° ANGLE

MAX TOTAL STRUCTURE HEIGHT 2.8m

GROUND CLEARANCE

BALLASTED FOUNDATIONS

5m  
MINIMUM

6.5m  
MINIMUM

SECTION B-B



NOTES

1. ALL DIMENSIONS ARE SUBJECT TO DETAILED DESIGN.
2. GROUND CLEARANCE WILL VARY AS REQUIRED ACCORDING TO TOPOGRAPHY AND MODULE CLEARANCE. MINIMUM GROUND CLEARANCE TO MODULE TO BE ABOVE THE 1 IN 100 YEAR + 20% CLIMATE CHANGE FLOOD LEVEL.
3. PV MODULES ARE SHOWN IN ELEVATION VIEW INSTALLED IN PORTRAIT, ALTHOUGH THEY MAY BE INSTALLED IN LANDSCAPE TO SUIT SITE CONDITIONS.
4. SUPPORT FRAME IS CONNECTED DIRECTLY TO THE BALLASTED FOUNDATION.

PANELS WITH GRAVITY FOUNDATION  
SHEET 2 OF 2

3	FG	IB	CC	2022-10-04	MINOR UPDATE
2	FG	IB	EB	2022-07-28	STRUCTURE HEIGHT UPDATE
1	BM	SM	CC	2022-06-27	FIRST ISSUE
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES

PURPOSE	PLANNING	PROJECTION	N/A
SCALE	1:100 @A3	DATUM	N/A
LAYOUT DRAWING	N/A	T-LAYOUT NO	N/A

PROJECT TITLE  
**LONGHEDGE SOLAR FARM**

DRAWING TITLE  
**FIGURE 8  
TYPICAL PV MODULE AND RACK DETAIL**

RES DRAWING NUMBER	04668-RES-SOL-DR-PT-001	REV	3
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