

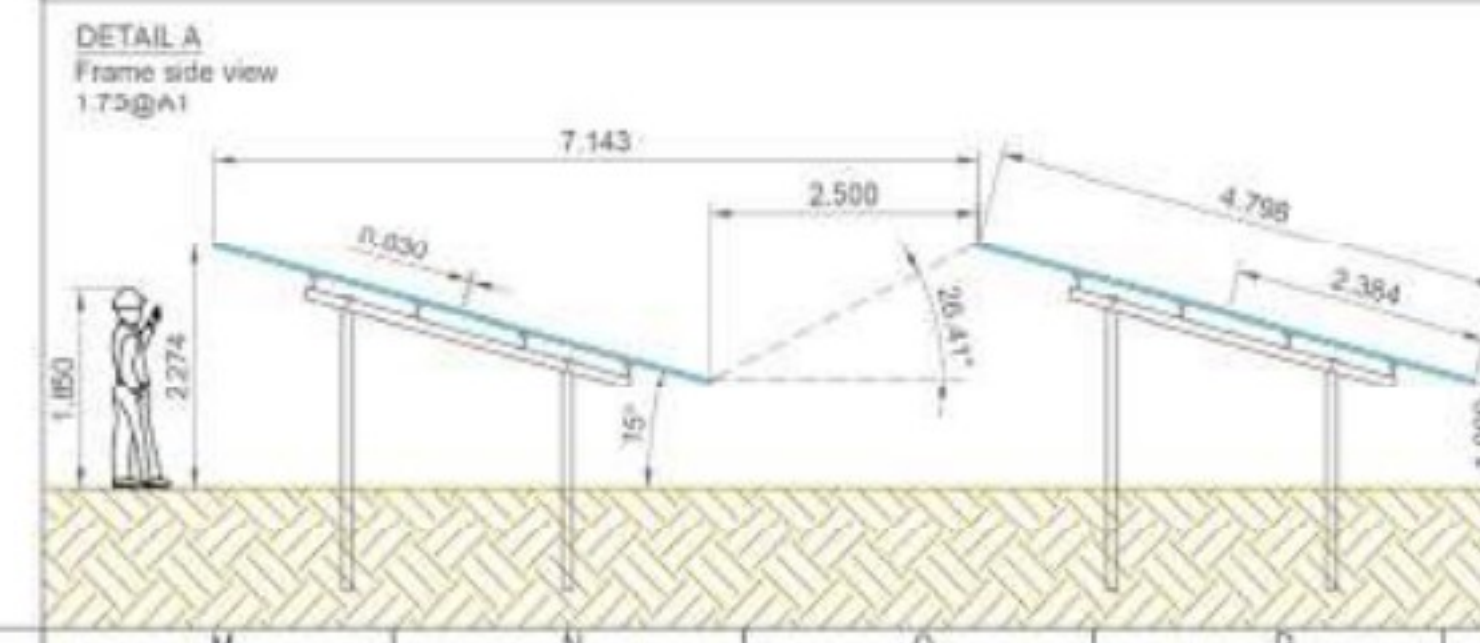


SYSTEM SUMMARY	
LAND OWNERSHIP AREA (GROSS), ha	33.53
FENCED PV AREA, ha	30.20
FENCED PERIMETER, m	2580
SUBSTRUCTURE TYPE	Fixed tilt south facing
TABLE CONFIGURATION	2 modules in parallel
TILT ANGLE, °	10
AZIMUTH ANGLE, °	-13.50
MAXIMUM TABLE HEIGHT, m	2.3
PITCH DISTANCE, m	7.143
ROW-TO-ROW SPACING, m	2.5
GROUND COVERAGE RATIO (GCR), %	60.362
PV MODULE TYPE & POWER, Wp	CS7-600-TS-AD, 600Wp
PV MODULE SIZE, mm	2166x1303x33
PV MODULE QUANTITY	56480
MODULES PER STRING	30
NUMBER OF STRINGS	1883
INVERTER TYPE	6000Watt
INVERTER POWER RATING, kVA (230°C)	352
NUMBER OF INVERTERS	88
TRANSFORMER STATION RATING, kVA	31600
NUMBER OF TRANSFORMER STATIONS	10
TOTAL PV MODULE (DC) CAPACITY, kWp	33879.1
TOTAL INVERTER (AC) CAPACITY, kVA	30272
MAXIMUM GRID EXPORT CAPACITY, kVA	40000
DC / AC RATIO	1.388
AC GRID / AC RATIO	1.321

LEGEND	
	Site boundary
	Fence
	Access & construction road
	Existing dirt road
	Power station
	DNO station
	PV module frame (2P30)
	PV module frame (2P15)
	PV module frame (2P10)
	PV module frame (2P5)
	PV module frame (2P1)
	Gate
	Recreational path
	New hawthorn hedge
	Green corridor
	Existing ditch
	New ditch
	Existing ditch to be filled
	Existing tree

- NOTES
1. Do not scale from this drawing.
 2. All dimensions are indicative and in m unless otherwise specified. All dimensions to be confirmed on site before any installation works are commenced.
 3. This drawing presents an indication of the design foreseen for the project in terms of design principles and anticipated geometry ranges. The final design and resulting detail will be developed in accordance with the principles of this indicative design, but is predicted to incorporate reasonable variations, following the standard process of undertaking detailed physical site investigations, detailed engineering analysis and competitive procurement of final equipment.

PROPOSAL ONLY



REV	DATE	DESCRIPTION	DRAWN	APPR
D	28/09/23	Modules added	UZ	PP
C	27/07/23	Modules changed, landscape plan incorporated	UZ	PP
B	10/01/23	Updated project boundaries	ADD	PP
A	03/10/23	First issue	MS	PP
General Layout			SCALE	1:1750 A1
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