

General Notes

- The drawing to be used as a guideline for system configuration and was used for design simulation
- Contractor to produce construction drawings as specification of equipment and material supplied .

DRAWING TITLE:

MAIN FACTORY COOLING CENTER LAYOUT

SURVEYED BY:

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DESIGNED BY:

ENG. J. WANDUE

.....

CHECKED & APPROVED BY:

ENG. A. MUSUSI

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No.	Revision/Issue	Date

Firm Name and Address

NATIONAL AGRICULTURAL VALUE CHAIN DEVELOPMENT PROJECT

(NAVCDP)

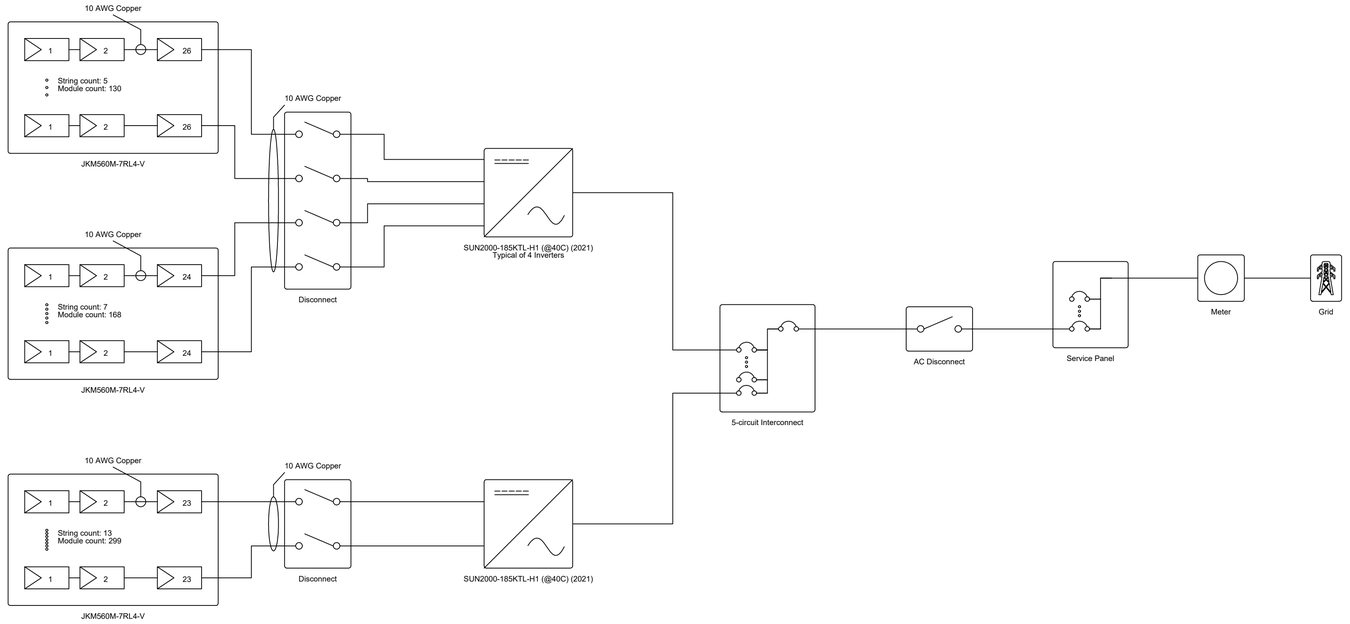
MERU COUNTY

Project Name and Address

GRID TIE SYSTEM DESIGN

MERU COUNTY

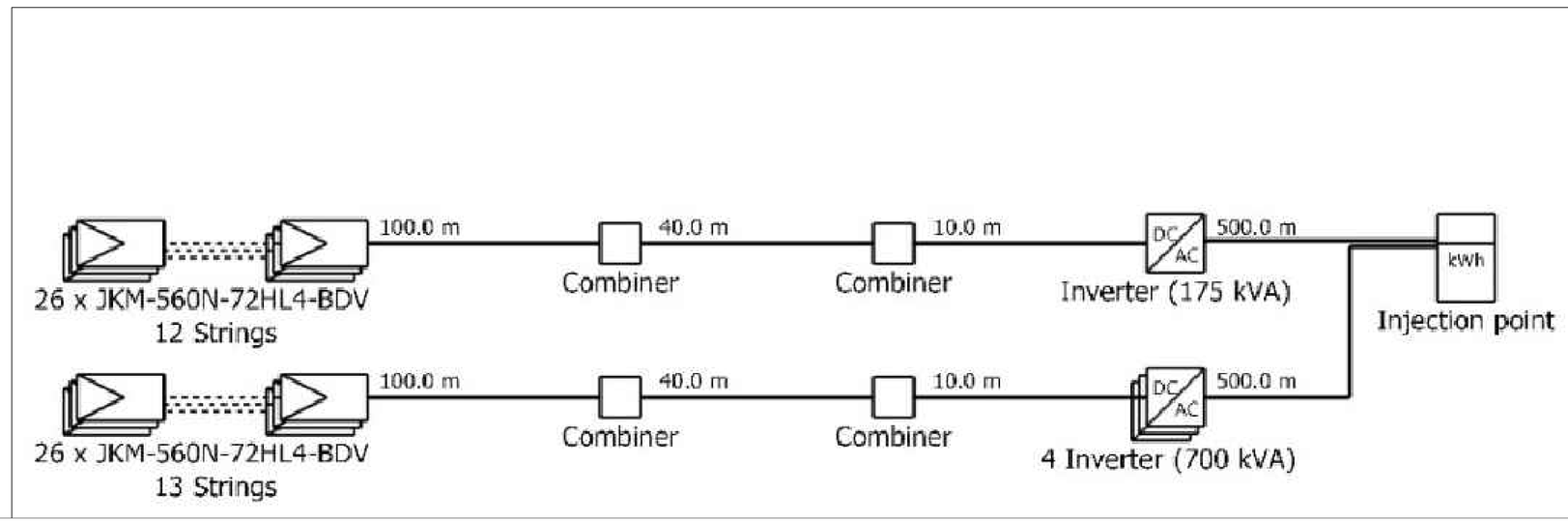
Project: MAIN FACTORY	Sheet: 2
Date: 03.06.2025	
Scale: NTS	Sheet 2 of 2



Module Specifications	
1491x Jinko JKM560M-7RL4-V	
STC Rating	560 W
Vmp	44.31 V
Imp	12.64 A
Voc	52.9 V
Isc	13.5 A

Inverter Specifications	
5x Huawei SUN2000-185KTL-H1 (@40C) (2021)	
Max AC Power Rating	175 kW
Max Input Voltage	1,500 V
Min AC Power Rating	0 W
Min Input Voltage	500 V

Wire Schedule		
Tier	Wire	Length
String	61x 10 AWG	4213m



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DRAWING TITLE:

MAIN FACTORY COOLING CENTER LINE DIAGRAMS

SURVEYED BY:

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DESIGNED BY:

ENG. J. WANDUE

.....

CHECKED & APPROVED BY:

ENG. A. MUSUSI

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(NAVCDP)

MERU COUNTY

Project Name and Address

GRID TIE SYSTEM DESIGN

MERU COUNTY

Project	Sheet
MAIN FACTORY	1
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