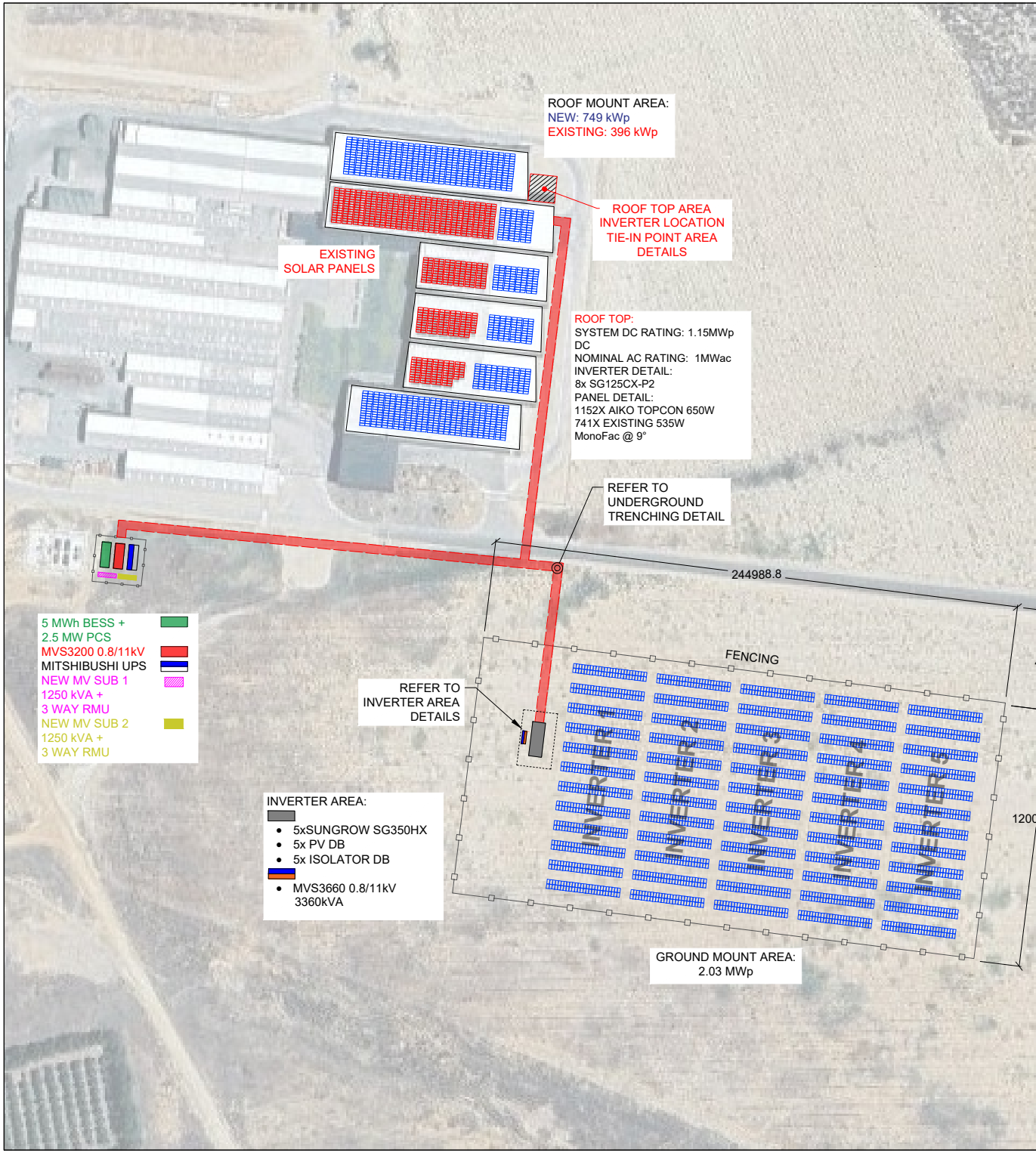




ROOF MOUNT AREA:
NEW: 749 kWp
EXISTING: 396 kWp

ROOF TOP AREA
INVERTER LOCATION
TIE-IN POINT AREA
DETAILS

ROOF TOP:
SYSTEM DC RATING: 1.15MWp
DC
NOMINAL AC RATING: 1MWac
INVERTER DETAIL:
8x SG125CX-P2
PANEL DETAIL:
1152X AIKO TOPCON 650W
741X EXISTING 535W
MonoFac @ 9°

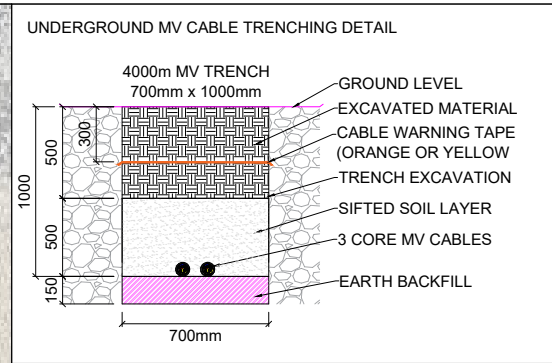
REFER TO
UNDERGROUND
TRENCHING DETAIL

REFER TO
INVERTER AREA
DETAILS

GROUND MOUNT AREA:
2.03 MWp

5 MWh BESS +
2.5 MW PCS
MVS3200 0.8/11kV
MITSHIBUSHI UPS
NEW MV SUB 1
1250 kVA +
3 WAY RMU
NEW MV SUB 2
1250 kVA +
3 WAY RMU

INVERTER AREA:
• 5xSUNGROW SG350HX
• 5x PV DB
• 5x ISOLATOR DB
• MVS3660 0.8/11kV
3360kVA



ROOF TOP AREA INVERTER LOCATION TIE-IN POINT
AREA DETAIL

- 8x SUNGROW SG350HX
- 8x PV DB
- 8x ISOLATOR DB
- 1x AC DB

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CONFIDENTIAL AND REMAINS
THE INTELLECTUAL
PROPERTY OF ACES AFRICA
(PTY) LTD

SITE DETAILS: MOUTON CITRUS WESTERN CAPE	
GPS	-32.4885515309489, 18.982792170569923
PROJECT CODE: 1244	
DRAWING NUMBER MC-SDP001	

SITE DEVELOPMENT PLAN		
REV	005	DATE 07.04.2025
REV	006	DATE 10.04.2025
REV	007	DATE 25.04.2025
REV	008	DATE 19.05.2025
REV	009	DATE 26.05.2025
REV	009	DATE 27.05.2025

DESIGN
BEN FORRER Bsc HND ECSA Pr REG 600489/30241 SAIEE 13479
REVIEWED
KLAAS MONG B TECH ECSA Pr REG 2017305028 SAIEE 15670
INDEX CONTROL
CAMERON FELL B ENG TECH
ENQUIRIES
VICKY CLAASSEN TEL: 086 199 9926 email: Vicky@acesafrica.com

DESCRIPTION
SYTEM POWER: 3.173MW _p
MODULE DETAIL:
3120 X AIKO 650W 1152X AIKO TOPCON 650W 741X EXISTING 535W
INVERTER DETAIL:
5x SG350HX 8x SG125CX-P2 1x 2.5MW PCS
BESS DETAIL:
SUNGROW POWER TITAN 2.0 5MWh + 2.5MW PCS
SIGNATURE:



GROUND MOUNT:
SYSTEM DC RATING: 2.028MW_p
NOMINAL AC RATING: 1.750MW_{ac}
INVERTER DETAIL:
5x SG350HX
PANEL DETAIL:
3120 X AIKO 650W BiFac @ 25°
BESS DETAIL:
SUNGROW POWER TITAN 2.0
5MWh + 2.5MW PCS