

LEGEND

NOTE:
Document Reference: EN010106/APP/6.3
APFP Regulation: 5(2)(a)

Purpose of Issue
FOR DCO SUBMISSION

Client
SUNNICA LTD



Drawing Title
**FIGURE 3-29
SUNNICA EAST SITE A
SUBSTATION ELEVATION
AND GENERAL ARRANGEMENT –
400KV SOLUTION (ILLUSTRATIVE)**

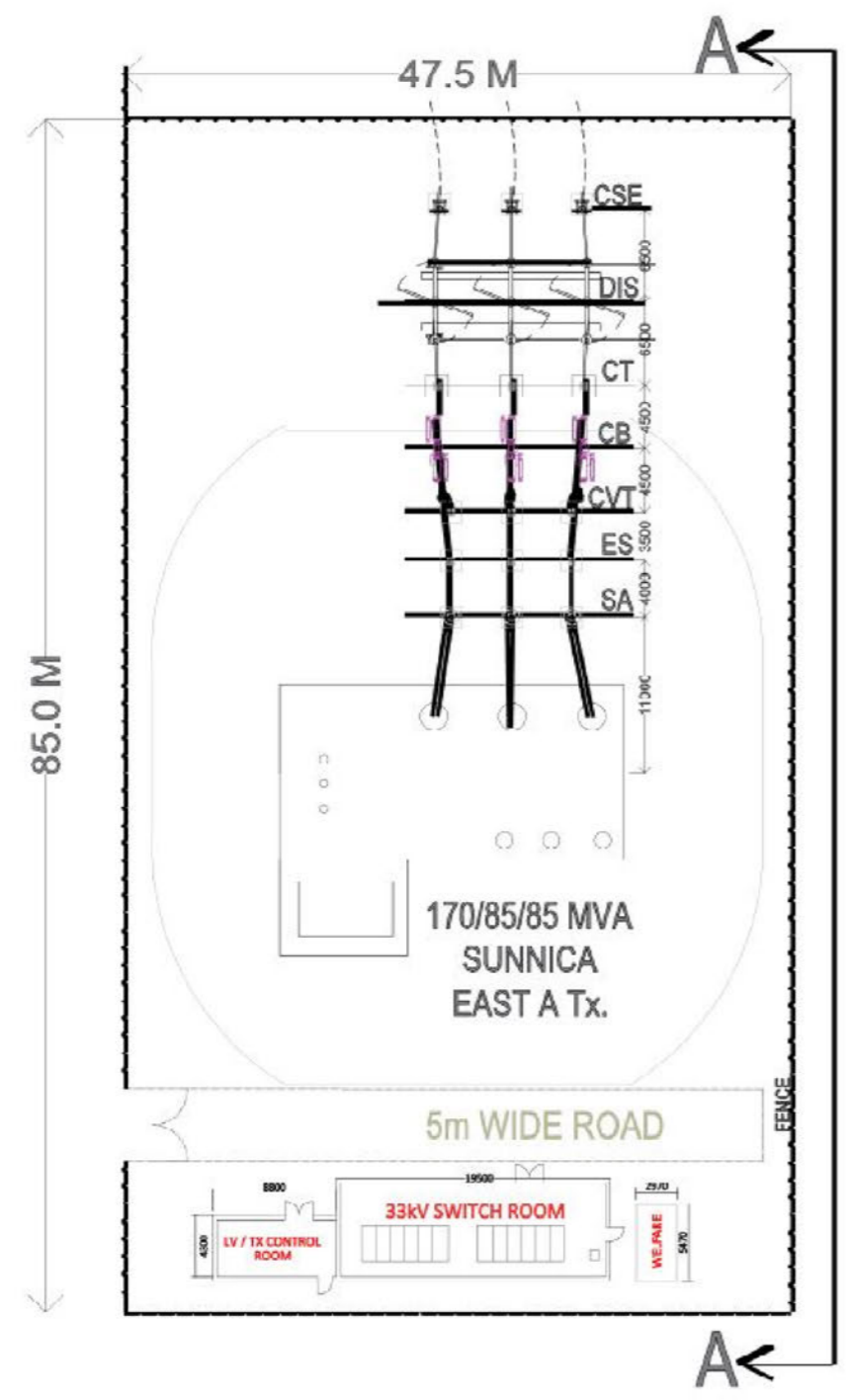
Drawn LL	Checked DW	Approved NC	Date 04/07/2022
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AECOM
Unit 1 Welbrook Court
Gilton
Cambridge CB3 0NA
United Kingdom
Telephone (01223) 488000



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SUBSTATION MINIMUM ELECTRICAL CLEARANCES IN ACCORDANCE WITH TS 2.1

NOMINAL SYSTEM VOLTAGE (rms)	400kV
PHASE TO EARTH CLEARANCE (PE)	2.8m
PHASE TO PHASE CLEARANCE (PP)	3.6m
HORIZONTAL DESIGN CLEARANCE FOR SAFETY (HSC)	4.6m
VERTICAL DESIGN CLEARANCE FOR SAFETY (VSC)	5.5m
INSULATION HEIGHT CLEARANCE (IHC)	2.4m
SAFETY DISTANCE (SD)	3.1m

