

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

Purpose of Issue
FOR DCO SUBMISSION

Client
SUNNICA LTD



Drawing Title
FIGURE 3-30A
SUNNICA EAST SITE B
SUBSTATION ELEVATION –
400KV SOLUTION (ILLUSTRATIVE)

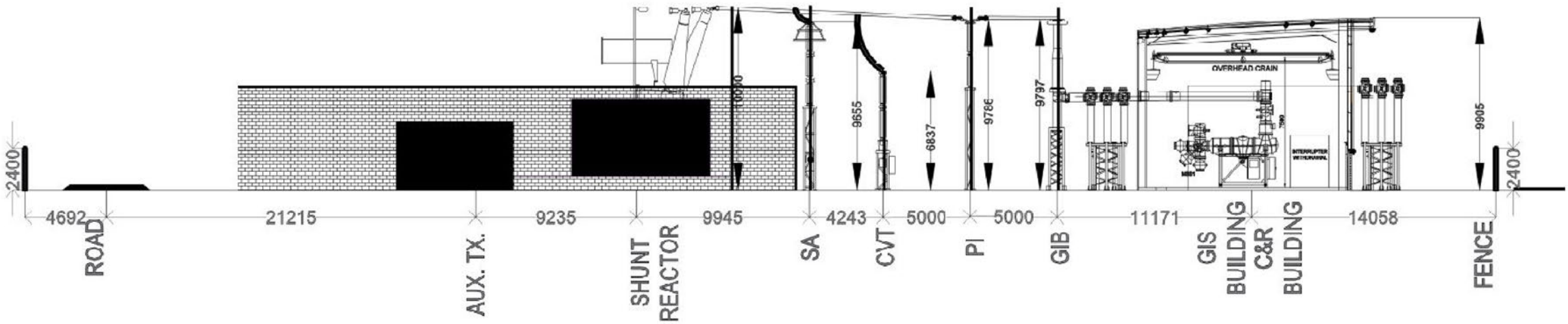
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SECTION A-A

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