

400kV MINIMUM ELECTRICAL CLEARANCES	
DESCRIPTION	DISTANCE (m)
PHASE TO PHASE CLEARANCE	3.6
PHASE TO EARTH CLEARANCE	2.8
DESIGN CLEARANCE FOR SAFETY (VERTICAL) D <sub>0</sub>	5.5
DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) D <sub>0</sub>	4.6
INSULATION HEIGHT (PEDESTRIAN ACCESS)	2.4
SAFETY DISTANCE	3.1
MEWP DESIGN CLEARANCE FOR SAFETY (VERTICAL) D <sub>0</sub>	7.5
MEWP DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) D <sub>0</sub>	6.6



Figure 2-3 Substation Arrangement

REV	DATE	DESCRIPTION	DRN	DES	APP
A	10.01.23	ORIGINAL	WB	EC	MC

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The final layout is subject to detailed design.

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INDICATIVE CONCEPT DESIGN

PROJECT NAME  
GATE BURTON  
CUSTOMER  
LOW CARBON

PRELIMINARY NOT FOR SITE USE	CUSTOMER DRAWING NUMBER ****	STATUS PRELIMINARY
DRAWING NUMBER OP-PR01036-PLA001	SCALE 1:500	SIZE A0
	REVISION A	