

SUBSTATION PLATFORM LEVEL:
372.5m

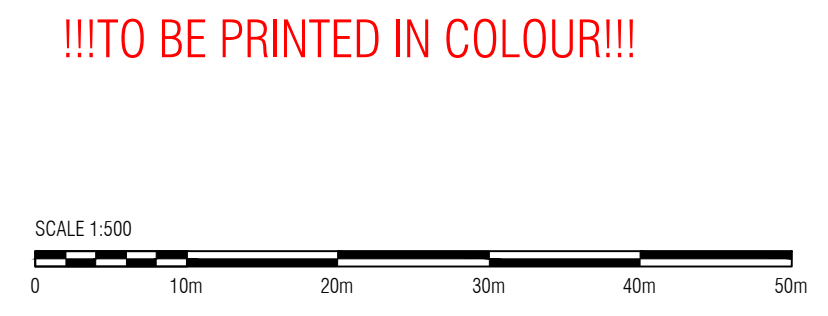
THIS SECTION OF OHL
TO BE REMOVED IF BOTH LINES
ARE UPGRADED TO 400KV

FINAL LOCATION OF TOWERS TBC
DEPENDENT ON MICRO-SITING
& DESIGN CHECKS

- NOTES:-**
- ALL DIMENSIONS SHOWN IN MILLIMETRES (mm) U.N.O.
 - SITE DEVELOPED FOR POTENTIAL UPGRADE TO 400KV IN FUTURE THEREFORE 400KV ELECTRICAL CLEARANCES HAVE BEEN USED WHERE APPROPRIATE.
 - GIS AND CONTROL BUILDING FOOTPRINT ASSUMED SUITABLE FOR 275KV OR 400KV EQUIPMENT.
 - IT IS ASSUMED THAT MSCDN WOULD REQUIRE TO BE COMPLETELY REDESIGNED FOR UPGRADE TO 400KV.
 - STATCOM MAY BE ABLE TO BE RE-UTILISED IF SUBSTATION IS UPGRADED TO 400KV BUT WILL REQUIRE AN ADAPTIVE SCT.
 - ASSUMED STATCOM TRANSFORMER LOCATED ON WEST OF STATCOM COMPOUND BUT CONNECTION FROM GIS COULD BE MODIFIED TO ACCOMMODATE A DIFFERENT TRANSFORMER POSITION.
 - OVERHEAD LINE ROUTES AND POSITION OF TOWERS (TERMINAL OR OTHERWISE) TO BE CONFIRMED AND SUBJECT TO SEPARATE SECTION 37 CONSENT.
 - PROPOSED PLATFORM AREA = 58,640m² / 14.49acres.

- LEGEND:-**
- AIS AIR INSULATED SWITCHGEAR
 - DG DIESEL GENERATOR
 - GIB GAS INSULATED BUSBAR
 - GIS GAS INSULATED SWITCHGEAR
 - SCT STATIC COMPENSATION TRANSFORMER
 - SGT SUPER GRID TRANSFORMER
 - PLANT PROPOSED
 - FUTURE WORKS PROPOSED

DRAWING REFERENCE:-
LT96_KINA_1104_0051_00_00 - SITE ELEVATIONS



Rev:	Drawn:	Approved:	Description:
00	PMR	GM	APPROVED FOR FIRST ISSUE.
Checked:	PG	Date:	22.01.21



SSE Inverarmad House, 200 Dunkeith Road Perth, PH1 3AQ, UK www.sse.com	
Project: KINARDOCHY 275KV REACTIVE COMPENSATION SUBSTATION	
Title: FOR PLANNING AUTHORITIES KINARDOCHY 275KV REACTIVE COMPENSATION SUBSTATION PROPOSED SUBSTATION LAYOUT	Location: TUMMEL
Project Number: LT000096	Location: TUMMEL
Drawing Status: FOR PLANNING	Drawn: PMR
Scale: 1:500 @ A1	Checked: PG
Date: OF FIRST ISSUE: 22.02.2021	Approved: GM
Drawing Number: LT96_KINA_1104_0050	Sheet No: 00
	Revision No: 00