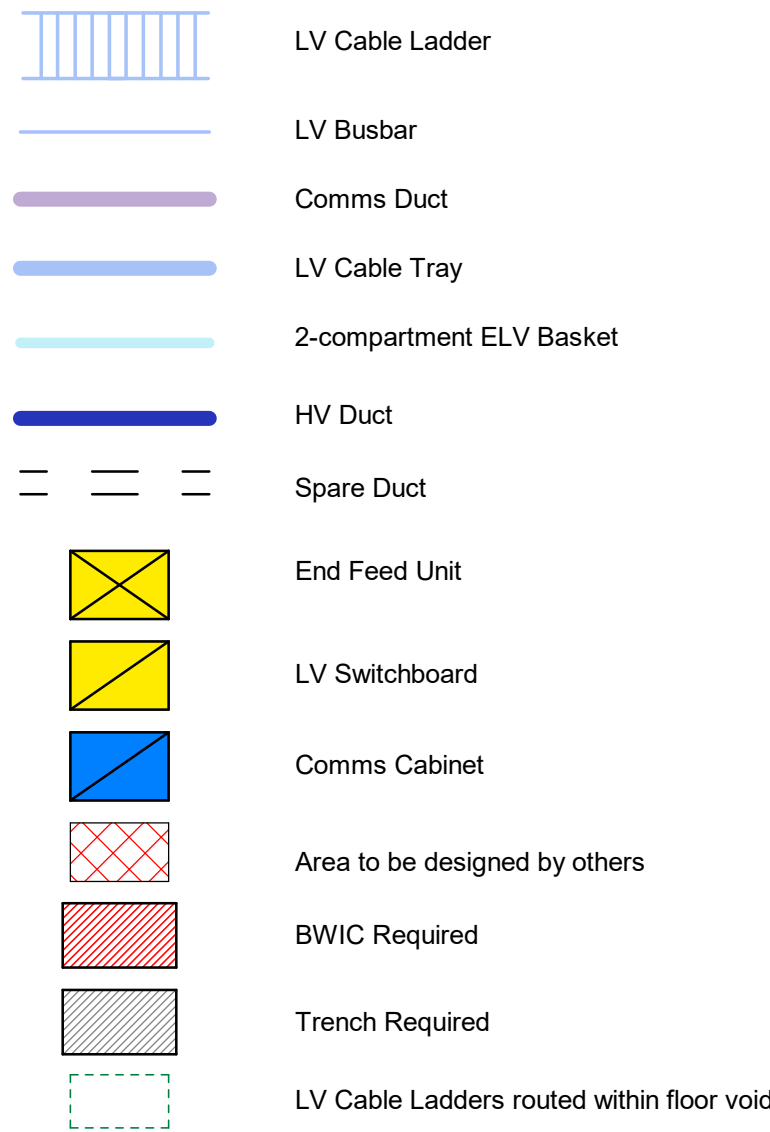


1. This drawing should be read in conjunction with other design documentation and all other supporting technical information.
2. This drawing is based on the following collaborative model:
23135-SRA-NM172-ZZ-M3-A-00001 Rev 1
3. All dimensions in millimetres unless otherwise stated.
4. Do not scale from this drawing.
5. This drawing forms part of the BSRIA Work Stage 4A Technical Design Part 1 package.
6. This drawing is to be read in conjunction with Major Plant Item Procurement Specification 23135-ARP-DZ-XX-SP-E-0001 and MEP Particular Specification 23135-ARP-DZ-XX-SP-E-0002
7. The cable glands on the LV switchboards and contained generators shall be in the trefoil arrangement. The cables shall be properly cleated on the cable ladders.
8. Sub-mains cables, or SWAL/LSOH cables supplying final equipment and installed on ladder shall be installed in groups of 8 or fewer.
9. Outside Substation 14 compound, the cable ladders shall be installed on big feet in order to provide a stable foundation.
10. The cable glands shall be installed in accordance with the manufacturer's instructions.
11. Contractor shall confirm the availability of space in the existing communication duct from Block C to Substation 14 compound. To route the fibre cables and provide buried ducts from the Comms cabinet C1 and C2, the contractor shall co-ordinate and agree with NMGM IMT team.
12. All services installed on external plant screen shall be wired in galvanneal steel conduit.
13. All cable ladder shall include a 100mm ELV tray (fixed to the cable ladder) for ELV cabling.
14. All installation heights and setting-out dimensions are indicative only, for verification on site by the Contractor.

Legend



P01	RIBA Stage 4	22/11/24	MG	TW
REV.	DESCRIPTION	DATE	DRW.	CHK.



APPOINTED PARTY LOGO/INFORMATION

6th Floor, 3 Piccadilly Place
Manchester M1 3BN
Tel+44(0161) 228 2331
www.arup.com

PROJECT
North Manchester General Hospital
WP06 - Relocation of Substation 10

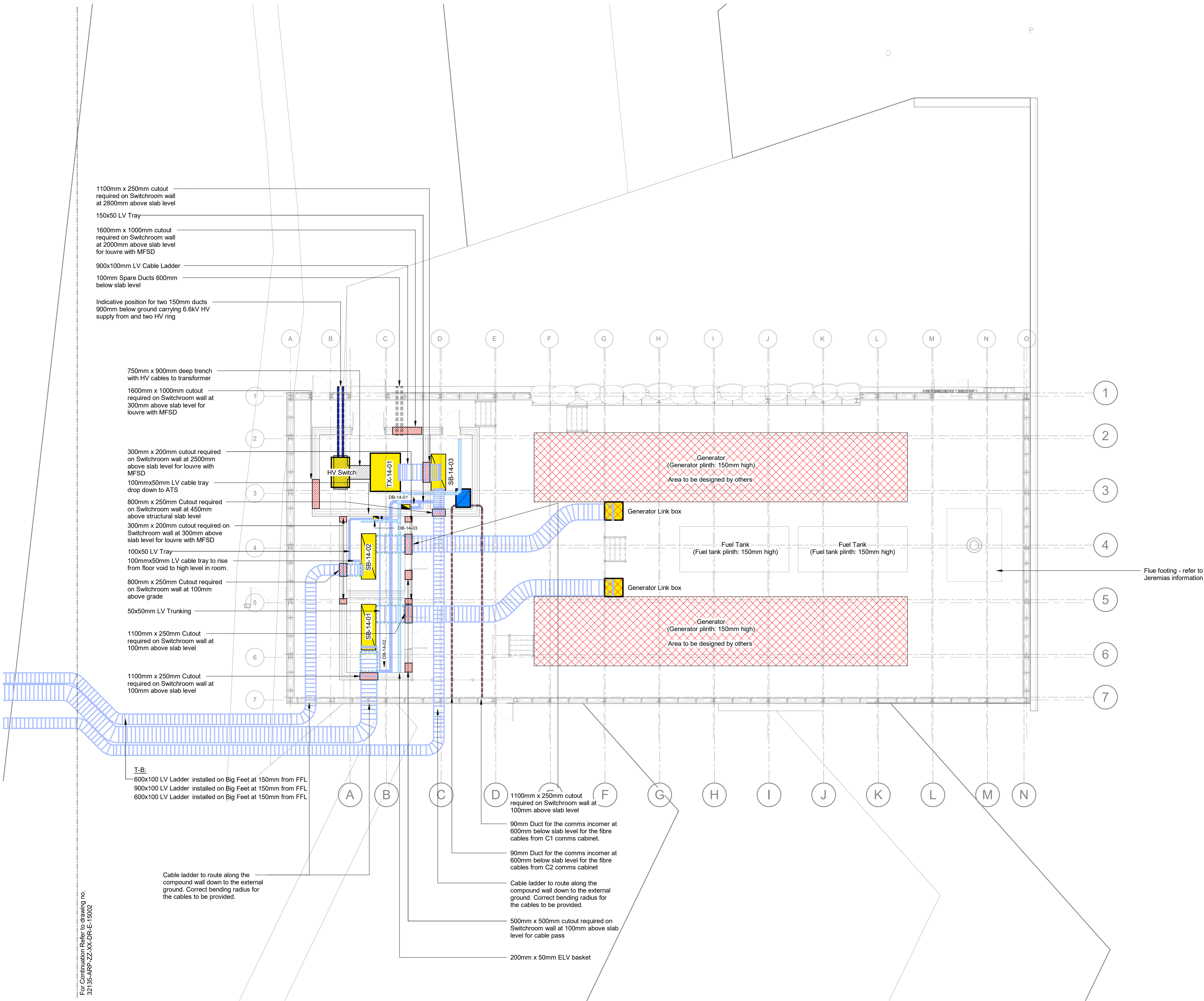
TITLE
Electrical Services
Substation 14
Internal Containment Layout

STATUS	PURPOSE OF ISSUE
S2	Suitable For Information

DRAWN BY MG	CHECKED BY TW	DATE 22/11/24
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SCALE (@A1) 1 : 100	PROJECT NUMBER 276353
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FILE DRAWING NUMBER	REV.
23135-ARP-ZZ-XX-DR-E-15001	P01



For Continuation Refer to drawing no.
32135-ARP-ZZ-XX-DR-E-15002