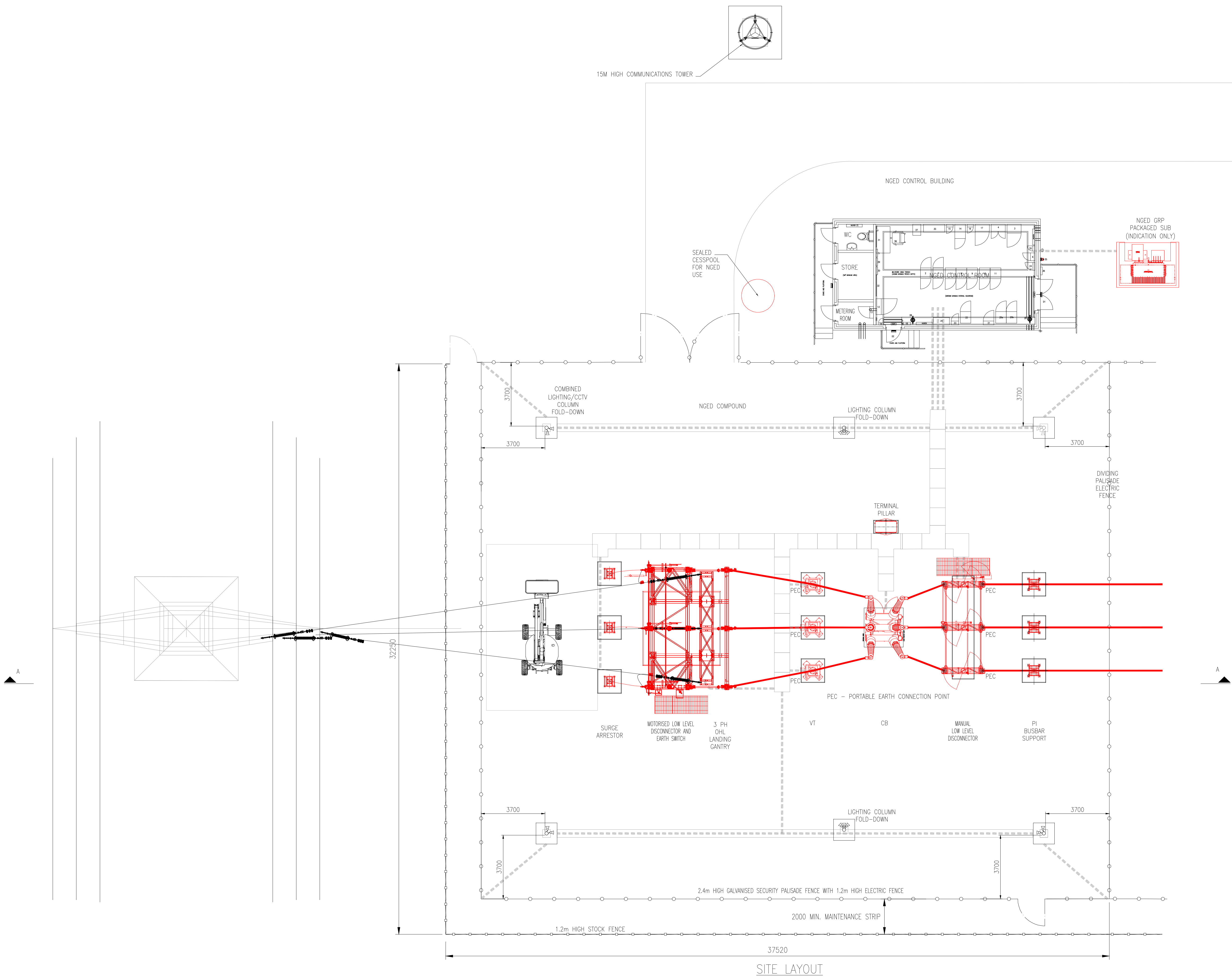


GENERAL NOTES

2. DO NOT SCALE THIS DRAWING.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE 132KV CONNECTION DOCUMENT 515250A AND DRAWINGS LISTED THEREIN.
4. THIS DRAWING IDENTIFIES THE REQUIREMENTS FOR THE NSED CONDUIT, NSED CONDUIT BUILDING AND ASSOCIATED CHUTE ENTRIES AND VEHICULAR ACCESS. IT DOES NOT DETAIL THE CUSTOMER CONDUIT AND CONTROL BUILDING.
5. DETAILED CHUTE DESIGN WORKS ARE THE RESPONSIBILITY OF THE CUSTOMER, BUT THE INFORMATION CONTAINED ON THIS DRAWING MAY BE USED BY THE CUSTOMER TO OBTAIN SUCH DESIGN SERVICES. DRAWINGS AS NECESSARY (ASSUMING THAT THE CUSTOMER HAS CHECKED THE VALIDITY OF THE INFORMATION TO THE PRESENTED SITE CONDITIONS).
6. THE CUSTOMER MUST CARRY OUT THEIR OWN STRUCTURE INVESTIGATION AND A FLOOD RISK ASSESSMENT TO ENSURE THE VALIDITY OF THEIR DESIGN.
7. THE CUSTOMER MUST CARRY OUT THEIR OWN STRUCTURAL CALCULATIONS.
8. THE SUPPORT STRUCTURES SHOWN ON THE DRAWING ARE INDICATIVE ONLY. ALTERNATIVE DESIGNS CAN BE SUBMITTED FOR NSED REVIEW.
9. THE PROPOSED SUBSTITUTION CONDUIT SURFACE SHALL BE CONFIGURED SO THAT THERE IS A MAXIMUM GRADIENT OF 1 IN 400 FALL ACROSS THE AREA BUT WHERE A GREATER INCLINE WOULD BE ADVANTAGEOUS, WE MAY CONSIDER A DIFFERENT VALUE ON A SITE BY SITE BASIS.
10. THE CONDUIT SURFACE MAINTENANCE STRIPS SHALL BE 100MM WIDE, 10MM DEEP, INCLUDING TO BE STRIPPED OFF 225MM TOP SOIL, AND BACK FILLED TO FINISHED SITE LEVEL WITH 150MM THICK TYPE 1 GRANULAR FILL WITH 75MM LAYER OF 150MM SIZED GRANITE CHIPPINGS. THE STRIPS SHALL BE 1300 GEOTEXTILE TO BE PLACED BETWEEN THE TYPE 1 SUB BASE AND GRANITE CHIPPINGS. LAYERS.
11. THE CUSTOMER IS TO INSTALL SUFFICIENT SURFACE WATER DRAINAGE TO PREVENT A POTENTIAL BUILD-UP OF SURFACE WATER DRAINAGE SYSTEMS.
12. THE CUSTOMER IS TO FULLY DETAIL THE ACCESS ROAD CONSTRUCTION AND ALL CABLE ROUTES WITH ASSOCIATED CHUTE AND CABLE PROTECTION.
13. NO THIRD PARTY UTILITY ASSETS ARE TO BE LOCATED BETWEEN/ WITHIN THE NSED CONDUIT WITHOUT PRIOR APPROVAL.
14. ALL NSED SITE ARE TO HAVE A CATEGORY 1 SECURITY LEVEL AT 132KV.
15. FOR MANS WATER AND FUEL WATER SERVICES, SANITARY SERVICES SHALL BE PROVIDED IN ACCORDANCE WITH 515250A.
16. BY MEANS OF OHM TOLERATION IS SUBJECT OHM CONNECTION DESIGN ANALYSIS FOR INSTANCE ANCHOR BLOCKS MAY BE DEPLOYED IN PREFERENCE TO CHAIR STRUCTURES.
17. STEEL TOWER BASTIS HAVE NOT BEEN USED IN THIS DESIGN - A SITE SPECIFIC 132KV SUBSTITUTION LAYOUT DESIGN WILL NEED TO BE PREPARED TO ACCOMMODATE THESE SPECIS.

REFERENCE DRAWINGS					
DWG No.	DWG REV	DWG TITLE	DWG STATUS	SWITCHYARD CONNECTION TYPE	
GCSS0019-1	0	SITE LAYOUT - OHL TEE CONNECTION (PLAN VIEW)	INFORMATION ONLY	132kV SWITCHYARD OHL TEE CONNECTION	
GCSS0019-2	0	SITE LAYOUT - OHL TEE CONNECTION (ELEVATION VIEW)	INFORMATION ONLY	132kV SWITCHYARD OHL TEE CONNECTION	
GCSS0019-5	0	TYPICAL NEED CONTROL BUILDING LAYOUT - TEE CONNECTION	INFORMATION ONLY	132kV SWITCHYARD OHL TEE CONNECTION	
GCSS0019-6	0	SLD - 132kV TEE CONNECTION INCOMER	INFORMATION ONLY	132kV SWITCHYARD OHL TEE CONNECTION	



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PJB	KRS CONTROL	REHIBING	PANEL	AYOUT	REVISED.	
O	PJB	KRS	CH	03.11.23	ORIGINAL ISSUE	
Rev	Drawn	Chk'd	App'd	Date	Revision Note	

nationalgrid **Electricity
Distribution**

Title: NGED 145KV STANDARDS
TEED CONNECTION - PLANT LAYOUT
TEE OFF SUBSTATION WITH AN OHL CONNECTION - LAYOUT

Engineering Design Department (East Midlands)
Pegasus Business Park, Castle Donington, DE74 2TU.

Scale:	Drg. No.
1:100 @A0	GCS0019-1

DO NOT SCALE DRAWING. ONLY USE STATED DIMENSIONS. IF IN DOUBT, ASK.
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