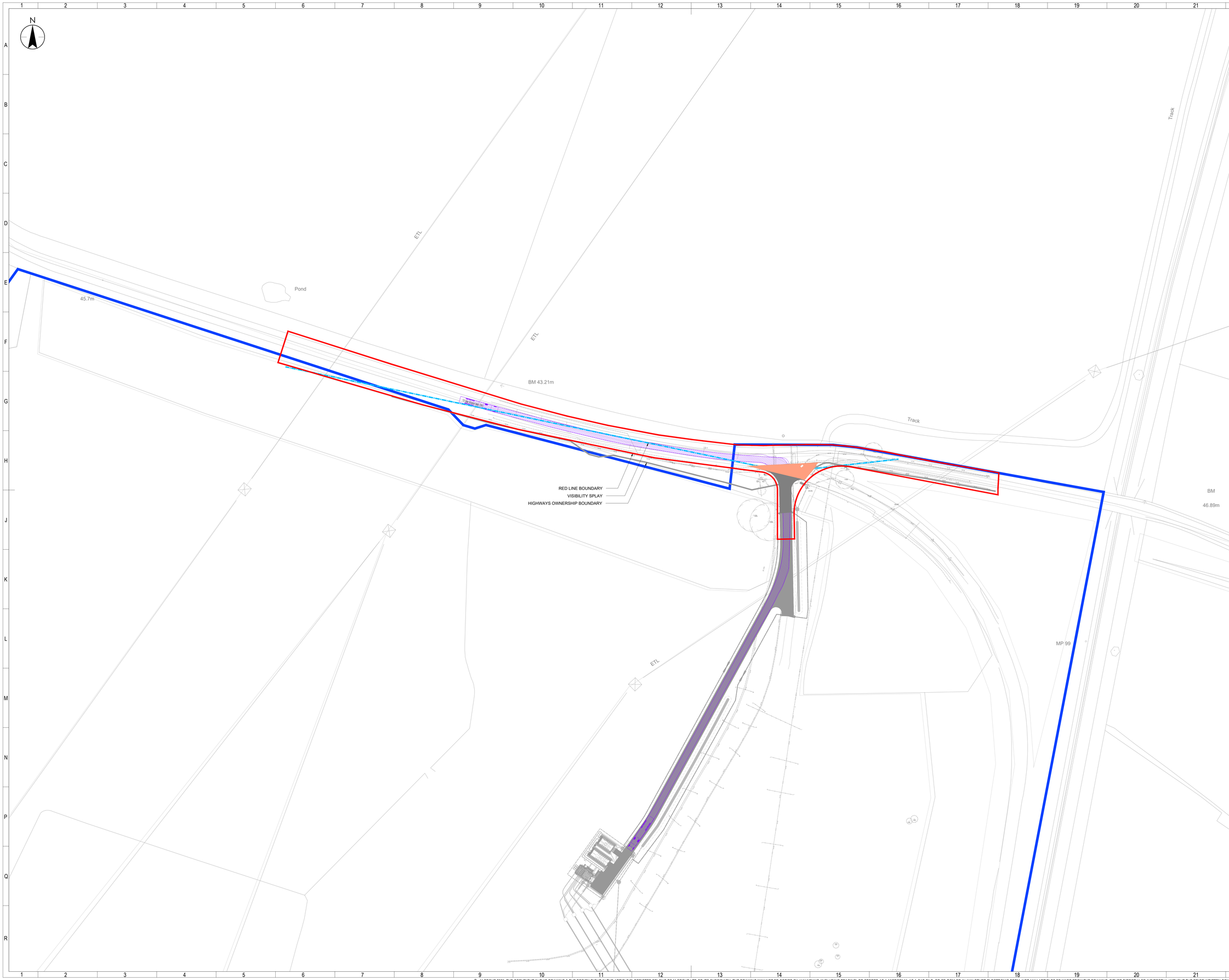


SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

CONSTRUCTION - HAZARDS / ACTIVITY

Assessed as Low (L) / Medium (M) / High (H) Not Applicable (N)

- Falls From Height	- Drowning/Fall onto Rebar
- Hazardous Material	- Contaminated Land
- Excavation/Service Strike	- Poor Ground conditions
- HAVS	- Site Fabrication/drilling
- Confined Workplace	- Manual Handling
- Access/Egress	- Stored Energy
- Weight Limit	- Congested site
- Residual Electricity	- Existing equipment in close proximity

Interfaces: - Public - Operatives - Vehicle/Plant

WHO COULD BE HARMED?	CONTROL MEASURES
- Construction operatives	- Existing work instruction
- Dismantling crew	- Method detailed on drawing
- Future maintenance crew	- Method detailed on separate document
- Public	

TEMPORARY WORKS

- No temporary works required
- Temporary works required and documented separately
- Drawing contains temporary works:

CDM REGULATIONS RESIDUAL RISKS

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, this symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.

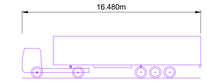
Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.

LEGEND

SYMBOL	DESCRIPTION
	SITE OWNERSHIP BOUNDARY
	RED LINE BOUNDARY
	VISIBILITY SPAY
	HIGHWAY BOUNDARY OWNERSHIP
	SWEAR NETWORK
	PROPOSED PERFORATED PIPE
	CONCRETE DISHED CHANNEL (1:60 FALL)
	FULL PAVING CONSTRUCTION SURFACE COURSE - 40mm AC10 SURF 100/120 BINDER COURSE - 60mm AC20 DENSE BIN 40/60 BASE COURSE - 100mm AC32 DENSE BASE 40/60 SUB-BASE - MINIMUM 375mm TYPE 1
	SURFACE & BINDER COURSE PAVING CONSTRUCTION ONLY SURFACE COURSE - 40mm AC10 SURF 100/120 BINDER COURSE - 60mm AC20 DENSE BIN 40/60
	WHEEL PATH

ASSOCIATED DRAWINGS

21/MES/0224	-	LAYOUT- MELKSHAM 33kV GRID PARK
18/MES/0106	-	33kV GRID PARK DRAINAGE LAYOUT & SECTIONS
16/MES/0657	-	ACCESS ROAD BELLMOUTH PLAN & SWEPT PATH ANALYSIS
21/MES/0224	-	LAYOUT- MELKSHAM 33kV GRID PARK
g-map/437344/	-	TOPOGRAPHICAL SURVEY AND PAS 128:2022 UTILITY SURVEY



FTA DESIGN ARTICULATED VEHICLE (2016) PROFILE
1:500

EXTENDIBLE PLATFORM VEHICLE (NOT EXTENDED)	
OVERALL LENGTH	16.480m
OVERALL WIDTH	2.550m
OVERALL BODY HEIGHT	3.870m
MIN BODY GROUND CLEARANCE	0.515m
MAX TRACK WIDTH	2.470m
LOCK TO LOCK TIME	3.00s
WALL TO WALL TURNING RADIUS	6.600m

0 5 1:500 MILLIMETERS 50

THIS DRAWING NEEDS TO PRINTED IN COLOUR

Rev	Date	Description	By	Chk'd	App'd
01	16/12/2025	FIRST ISSUE	BK	AGN	JB

Drawing Status: SUITABLE FOR REVIEW AND COMMENT
Suitability: S3

national grid
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

Contractor: M GROUP Energy — mgroupltd.com — Alne Work House Dunnets Wood Road, Stevenage SG1 2BT — www.mgroupltd.com © M Group (2025)
Consultant:

PROJECT CODE: MELKSHAM 400kV SUBSTATION
SITE : MELKSHAM 400kV SUBSTATION
SCHEME : 102261
CIRCUIT: GRID PARK
TITLE : PROPOSED SITE PLAN

SCALE : 1:500 | SHEET : 01 OF 01 | CAD | A0

NG DRAWING No. 12/MES/0110 | NG ISSUE 01
MES DRAWING No. 102261-MES-CIV-ZZ-LAY-ZZ-DR-0003 | MES REVISION 01

© M GROUP 2025. THE COPYRIGHT IN THIS DRAWING & THE DESIGN RIGHT IN THE ARTICLE(S) DEPICTED BELONG TO M GROUP LTD OR ITS SUBSIDIARY. THE DRAWING MAY NOT BE COPIED BY ANY MEANS (INCLUDING TRACING) OR STORED AS A MICROFILM, AS A CAD FILE, OR CD-ROM OR IN ANY OTHER ELECTRONIC FORM. NOR MAY ARTICLES BE MADE FROM THE DRAWING, EITHER DIRECTLY OR INDIRECTLY, WITHOUT THE PRIOR WRITTEN CONSENT OF M GROUP LTD OR ITS AUTHORIZED REPRESENTATIVES.