



Existing EE/H3G 450mm wide vertical cable ladder on gantry pole

Grass field

Existing H3G SAMO cabinet on concrete foundation c/w PSU with 3No. 2kW rectifiers & 3No. 800 RFM modules

Existing EE/H3G 15m High Francis & Lewis barrel headframe monopole on concrete foundation

Ground level 0.0m

Proposed EE 2No. 150mm wide covered cable trays laid flat on existing concrete foundation

Proposed concrete duct collar

Proposed EE 21kW M35 PSU (c/w 1No. Polarium SLB48-100-135-5 battery block and 1No. 230v AC heater) to be installed on existing concrete foundation

Existing EE FCOA cabinet on concrete base using adapter plate c/w 2No. FXEB (1800) RF modules, 1No. ESMC support module & 1No. FSMF support module. Cabinet to be converted from AC to DC as per TN2196. Existing PSU with 2No. rectifiers to be removed and replaced with 1U DCDU and DC supply to be taken from M35 cabinet

Existing EE 1No. Rotary isolator switch on unistrut

Existing 2No. 50mm wide covered cable trunking laid flat on concrete base

Proposed EE 10Kva Diesel Generator to be installed on Proposed concrete foundation

Existing 1.8m High Dirickx compound fence c/w 3No. strands of barbed wire on top & 1m wide single access gate

Existing gravel compound finish

Existing EE/H3G meter cabinet on concrete base within fenceline c/w three phase 100A REC supply & meter. DNO isolator, Henley blocks, Mersen SPD, Type A RCD to be installed. Proposed Eaton Glasgow 63A SP+N fuse switch disconnecter (PART Code:61GN) required

Grass field

Tree level +17.50m AGL

Existing H3G 1No. Rotary isolator switch on unistrut

Existing EE/H3G Flexi stack cabinet on concrete foundation c/w U21 Flexis & Mk1 UCUs (sunset & powered down)

Proposed concrete duct collar

Existing 3No. 50mm wide trunking laid flat on concrete base

Tree level +17.50m AGL

Proposed EE 1No. 150mm wide covered cable tray laid flat on existing concrete base

Existing EE/H3G Portastor one2one Mikom cabinet on concrete base c/w Tx equipment, alarms, PSU with 1No. rectifier, main switch, ACDB & SPD. Existing PSU to be removed and replaced with 1U DCDU and DC supply to be taken from M35 cabinet. Existing ACDB to be replaced with proposed Schneider ACTI9 isobar 4 way TP&N distribution board (SEA9BPN4)

Proposed concrete duct collar

Proposed EE AMF Panel to be installed on new 300mm wide vertical cable ladder fixed to new 2.0m gantry pole installed on existing concrete base

Proposed EE 150mm wide covered cable tray laid flat on existing concrete base

Existing DNO transformer

Proposed Inspection & test pit

Tree level +17.50m AGL

ELEVATION A

PROPOSED SITE PLAN

0 1:100 2m 4

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

Note: -  
All DC cables on tray to be installed in Ronbar galvanised steel PVC flexible conduit

|           |                               |                                 |        |
|-----------|-------------------------------|---------------------------------|--------|
| Master:   | Project:                      | Purpose of Issue:               | Issue: |
| DDD       | Primary Area Power Resilience | Detail Design                   | A1     |
| Date:     | 19/12/2025                    | Revision / Upgrade Description: |        |
| Drawn:    | EMF                           | First Issue                     |        |
| Checked:  | H.Cameron                     |                                 |        |
| Approved: | J.Alexander                   |                                 |        |



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Site Name:

FOUR TREES FIELD

Site ID:

782169

Address:

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UFFCOTT  
SWINDON  
WILTSHIRE SN4 9NA

Title:

150 PROPOSED SITE PLAN

Project:

PRIMARY AREA POWER RESILIENCE

Purpose of Issue:

DETAILED DESIGN

|             |               |              |
|-------------|---------------|--------------|
| EE Cell ID: | MBNL Cell ID: | H3G Cell ID: |
| 68519       | KNT001        | SN0131       |

File name:

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