

Existing EE/H3G 3No. Commscope CVV65BSX-3X2 antennas on monopole headframe

Existing H3G 3No. E15R02P11 (800) MHA's installed on antenna support pole behind antennas

Existing EE 3No. E15S09P75 (1800) MHA's & EE/H3G 3No. TMA2053F01V2-1 (2100) MHA's installed on monopole below antennas

Top of Monopole +15.00m AGL

Top of EE/H3G Antennas +17.00m AGL

C/L of EE/H3G Antennas +16.00m AGL

U/S of EE/H3G Antennas +15.00m AGL

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

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

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

Ground level
0.0m

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

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

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 DC supply to be taken from M35 cabinet

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)

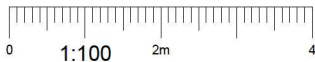
Proposed EE AMF Panel to be installed on new 300mm wide vertical cable ladder fixed to new 2.0m gantry pole installed on existing concrete base

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

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

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

PROPOSED SITE ELEVATION A



- NOTES:
- 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 ID:
782169

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Title:
250 PROPOSED SITE ELEVATION

Project:
PRIMARY AREA POWER RESILIENCE

Purpose of Issue:
DETAILED DESIGN

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

File name:
KNT001_68519_SN0131_EE_PR_DDD_A1