

Proposed EE Commscope RRZZVV-65B-R6N43 antenna to be installed on wall mounted support pole fixed to water tower. Existing EE/H3G RD0448 (2100) MHA to be reused. Existing EE/H3G Commscope CVV65BSX-3X2 antenna & EE Commscope E15S09P75 (1800) MHA to be removed (Behind)

Proposed EE AHEGG (1800/2100) RRH, AHPMDA (700/800) RRH & Mk2 BOB to be installed on proposed Mafi 4120 Roof Butler (also for Sector C (behind))

Existing 1.0m high handrail

Proposed EE Commscope RRZZVV-65B-R6N43 antenna to be installed on wall mounted support pole fixed to water tower. Existing EE/H3G RD0448 (2100) MHA to be reused. Existing EE/H3G Jaybeam WT8565-19-AET antenna & EE Commscope E15S09P75 (1800) MHA to be removed

C/L of Sec B Antenna +19.50m AGL

C/L of Sec C Antenna (behind) +19.30m AGL

Proposed EE AHEGG (1800/2100) RRH, AHPMDA (700/800) RRH & Mk2 BOB to be installed on proposed Mafi 4120 Roof Butler

Existing 2No. dipoles antennas mounted on pole fixed to free standing frame

Existing Omni antenna mounted on handrail

Proposed EE Commscope RRZZVV-65B-R6N43 antenna to be installed on wall mounted support pole fixed to water tower. Existing EE/H3G RD0448 (2100) MHA to be reused. Existing EE/H3G Jaybeam WT8565-19-AET antenna & EE Commscope E15S09P75 (1800) MHA to be removed

Top of Tower +20.40m AGL

C/L of Sec A Antenna +19.65m AGL

Existing EE/H3G 150mm wide vertical cable tray mounted on water tower leg

Existing EE/H3G 150mm wide cable tray mounted on water tower wall

Existing EE/H3G 300mm wide cable tray mounted on water tower wall

Existing EE/H3G 300mm wide vertical cable tray mounted on water tower leg

Proposed EE 3No. Mk2 BOB's to be installed on new BOB ladder fixed to new gantry pole

Proposed EE GPS Node to be installed on top of proposed gantry pole

Proposed EE Commscope single outdoor RAN cabinet to be installed on new concrete base

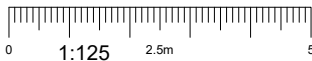
Existing EE Huawei BTS 3900A (APM30H & RFC) cabinets are to be moved to a temporary position on timber sleepers to facilitate the proposed RAN cabinet installation within the demise area. After installation this cabinet is to be removed.

Existing EE/H3G Dorset cabinet on concrete base c/w U2100 modules & 3No. Mk2 UCU's

Existing EE/H3G Mk4 Link A/C cabinet on root foundation c/w single phase 100A DNO power supply

Ground level +0.0m

PROPOSED SITE ELEVATION A



NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

Note:
Existing EE 1800 feeders to be removed. Proposed DC/fibre cables to follow same route then clamped to antenna poles to run to RRH position. Tails from RRHs to antennas to also be clamped to the antenna poles.

Note:
Resin anchors pass on the basis of proof testing to 1.5kN. Project Olivia HOP (4130875_Protocol Olivia HOP_16939_NHE068 Three Valleys Water Tower) proof tested the new fixings to 9kN. This is in excess of the 3kN demanded under FIXIT 107542 & the 1.5kN demanded under the calculations prepared for this upgrade. It is therefore considered that the existing fixings do not need to be proof tested again as part of this upgrade.

Note:
Proposed feeder tails from RRH positions to antenna ports to be studded to the existing antenna poles.

Note:
Cabling from the 3900 (temporary position) back to the Link AC to run overground, tight up to the water tower for the duration of the works. New tails to be run to the main feeders.

Note:
Existing EE 1800 feeders to be removed to create space within the cable management. New DC & fibre trunk cables to utilise this existing management.

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	Vendor Swap	Detailed Design	A1
Date:	19/03/2025	Revision / Upgrade Description:		
Drawn:	Chaitra U	First Issue: Detailed Design		
Checked:	Deepak			
Approved:	M.Ashworth			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	Vendor Swap	Planning	A
Date:	15/01/2025	Revision / Upgrade Description:		
Drawn:	Hussain Maathan	First Issue: Planning		
Checked:	Deepak			
Approved:	M.Ashworth			



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Site Name:	CODICOTE WATER TOWER		
Site ID:	1206014		
Address:	TOWER ROAD CODICOTE HITCHIN HERTFORDSHIRE SG4 8XH		
Title:	250 PROPOSED SITE ELEVATION A		
Project:	VENDOR SWAP		
Purpose of Issue:	DETAILED DESIGN		
EE Cell ID:	16939	MBNL Cell ID:	NHE068
3UK Cell ID:	SG0387		
Master Drawing No:	1206014_NHE068_16939_SG0387_M002		
Issue:	A1		