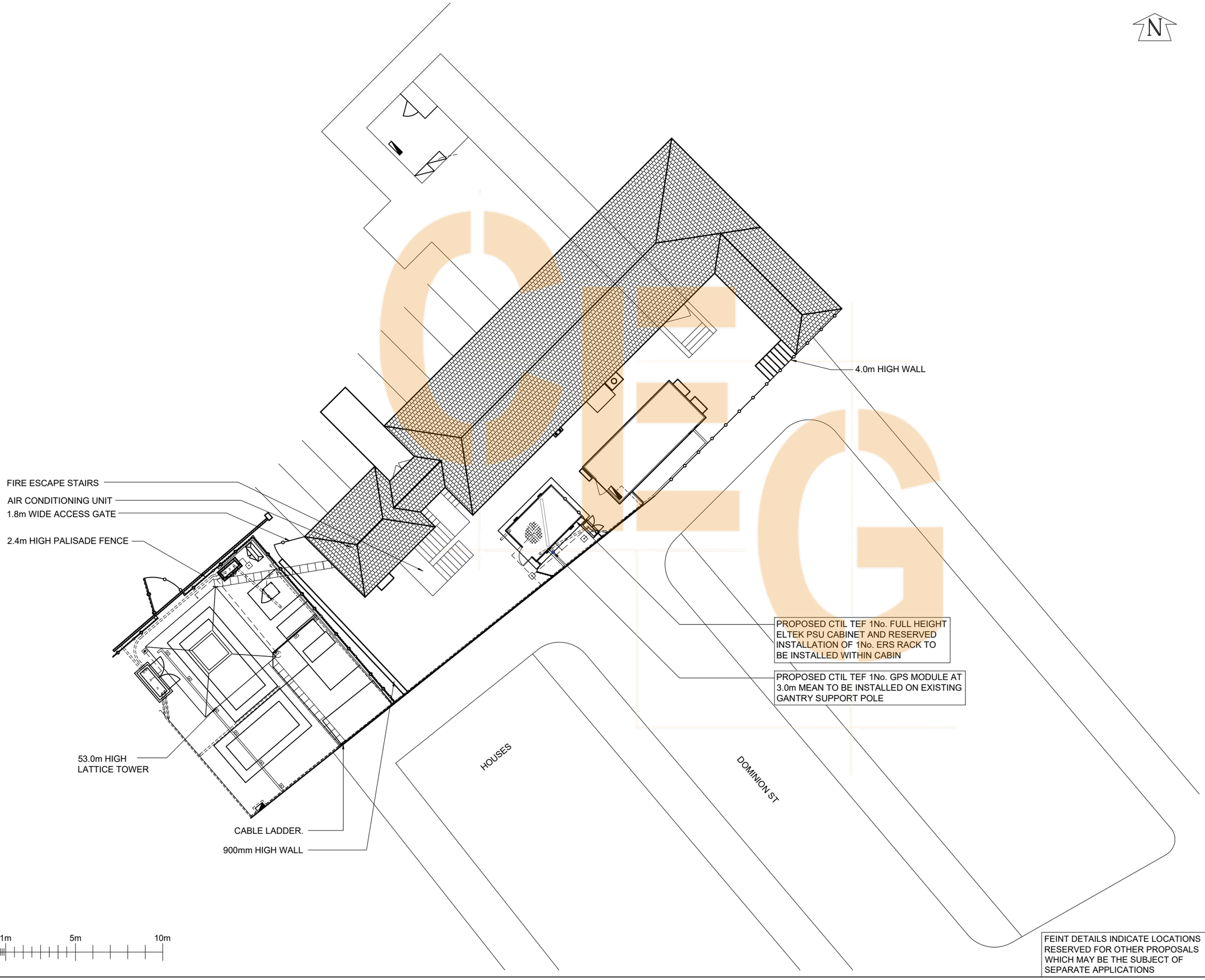

FEINT DETAILS INDICATE LOCATIONS RESERVED FOR OTHER PROPOSALS WHICH MAY BE THE SUBJECT OF SEPARATE APPLICATIONS

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NOTES

PROJECT No.	-
CSID	-
VFID	-
CSR	-
CELL No.	-

ISS	REVISION	DATE	DRN	APP
26.A	PROJ No - PLANNING		WHP	
26	PROJ No 220551 AS BUILT	11/09/20	HFC	KG
25	PROJ No 228006 AS BUILT	09/07/20	WHP	MF
24	PROJ No 214186 AS BUILT	20/03/20	DAL	MF
23	PROJ No 191215 AS BUILT	11/10/19	HFC	FC

SITE No -
-
-
-
-
-
-

NGR -

OS GRID -

TITLE
SITE PLAN
PROPOSED
CTIL

SCALE 1:200

DRAWN	-	-
APPROVED	-	-

DRG No. -- 22-110 - MD026 Sheet 1 of 1 Rev 26.A

A3

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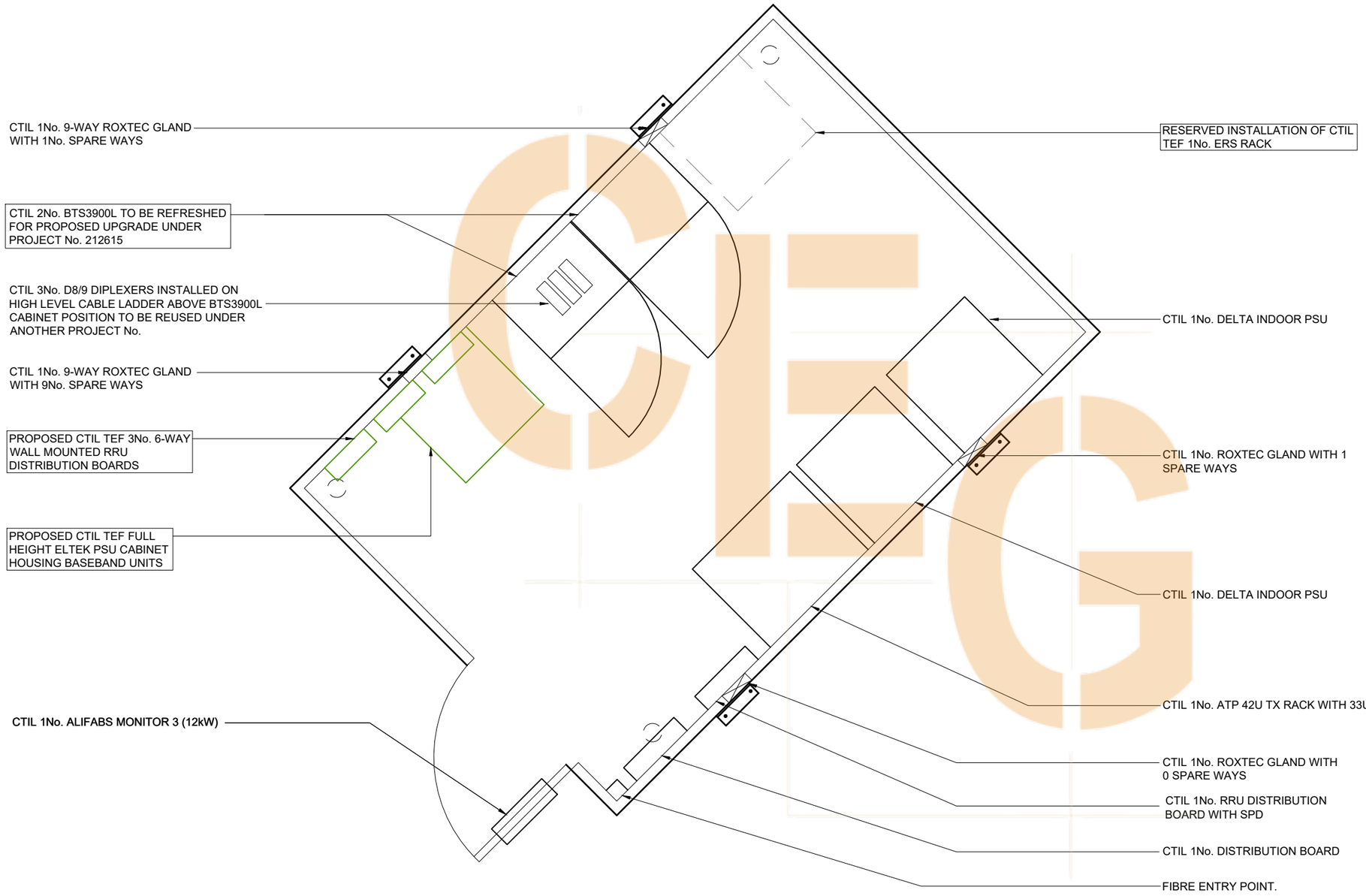

CTIL EQUIPMENT PLAN

0 0.5m 1m
0.1m

FEINT DETAILS INDICATE LOCATIONS RESERVED FOR OTHER PROPOSALS WHICH MAY BE THE SUBJECT OF SEPARATE APPLICATIONS

NOTES

PROJECT No.	-
CSID	-
VFID	-
CSR	-
CELL No.	-

ISS	REVISION	DATE	DRN	APP
26.A	PROJ No - PLANNING		WHP	
26	PROJ No 220551 AS BUILT	11/09/20	HFC	KG
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24	PROJ No 214186 AS BUILT	20/03/20	DAL	MF
23	PROJ No 191215 AS BUILT	11/10/19	HFC	FC

SITE No -
-
-
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-
-

NGR -

OS GRID -

TITLE
EQUIPMENT PLAN
PROPOSED
CTIL

SCALE 1:25

DRAWN	-	-
APPROVED	-	-

DRG No. -- 22-111 - MD026 Sheet 1 of 1 Rev 26.A

A3

CTIL 1No. SHF 0.3m HP DISH AT 49.0m BEARING 60° E.T.N. I.D. No. 430327
CTIL 1No. SHF 0.3m HP DISH AT 42.0m BEARING 123° E.T.N. I.D. No. 378119
CTIL 1No. SHF 0.3m ATP DISH AT 42.0m BEARING 114° E.T.N. I.D. No. 197759

PROPOSED CTIL 1No. GPS MODULE I.D. No. 438470 AT 41.3m TO BE POLED UP ON PRIMARY SUPPORT POLE UNDER PROJECT No. 212615

PROPOSED CTIL 3No. MIMO AAU5613 ANTENNAS AT 40.95m MEAN BEARINGS 90°, 210° & 330° E.T.N. I.D. No's. 438463, 438464 & 438465 UNDER PROJECT No. 212615 TO BE RELOCATED

PROPOSED CTIL 3No. HUAWEI AOC4518R8v06 ANTENNAS AT 39.0m MEAN BEARINGS 90°, 210° & 330° E.T.N. I.D. No's. 448583, 448584 & 448585 UNDER PROJECT No. 212615 TO BE RELOCATED

CTIL 3No. HUAWEI ATR4518R6v06 ANTENNAS AT 40.0m MEAN BEARINGS 90°, 210° & 330° E.T.N. I.D. No's. 413846, 413848 & 413852 TO BE REMOVED UNDER PROJECT No. 212615

CTIL 3No. HUAWEI ATR4518R6v06 ANTENNAS AT 40.0m MEAN BEARINGS 90°, 210° & 330° E.T.N. I.D. No's. 413847, 413849 & 413853 TO BE REMOVED UNDER PROJECT No. 212615

CTIL 6No. L21 RRU's I.D. No's 392592, 392593 & 392594 TO BE REMOVED UNDER PROJECT No. 212615

CTIL 3No. RRU's TO BE REMOVED

PROPOSED CTIL 3No. L26 RRU UNIT I.D. No. 448629, 3No. L21/U21 RRU UNIT I.D. No. 438466 & 3No. L23 RRU UNITS I.D. No. 448586 TO BE INSTALLED ON PROPOSED MOUNTING RAIL/BRACKET ON REAR OF PRIMARY SUPPORT POLES UNDER PROJECT No. 212615

RESERVED CTIL 1No. SHF 0.2m HP DISH AT TBC BEARING TBC E.T.N. I.D. No. 444816 (TO BE INSTALLED UNDER ANOTHER PROJECT No.)

RESERVED CTIL 1No. SHF 0.2m HP DISH AT TBC BEARING TBC E.T.N. I.D. No. 445815 (TO BE INSTALLED UNDER ANOTHER PROJECT No.)

RESERVED CTIL VF 6No. 2100 RRUs I.D.No. 506087TO BE INSTALLED ON REAR OF SUPPORT POLES VIA MOUNTING RAIL/ BRACKETS

PROPOSED CTIL TEF 3No. COMMSCOPE RRZZT4S4-65B-R6 ANTENNAS I.D.No.s 506052, 506053 & 506054 AT 39.0m MEAN HEIGHT, BEARINGS 90°, 210° & 330° E.T.N. TO BE FIXED TO NEW SUPPORT POLES

PROPOSED CTIL TEF 3No. ERICSSON AIR 6488B42G ANTENNAS I.D.No.s 506056 506057 & 506059 AT 40.95m MEAN HEIGHT, BEARINGS 90°, 210° & 330° E.T.N. TO BE FIXED TO NEW SUPPORT POLES

PROPOSED CTIL TEF 2No. L08/L09 RRUs I.D. No. 506073 TO BE INSTALLED ON NEW SUPPORT POLES VIA MOUNTING RAIL/ BRACKETS

PROPOSED CTIL TEF 2No. GU09 RRUs I.D. No. 506074 TO BE INSTALLED ON NEW SUPPORT POLES VIA MOUNTING RAIL/ BRACKETS

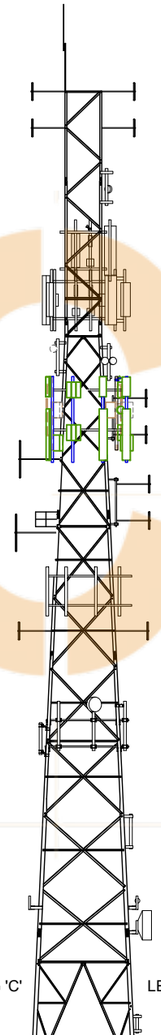
PROPOSED CTIL TEF 2No. L21 RRUs I.D. No. 506075 TO BE INSTALLED ON NEW SUPPORT POLES VIA MOUNTING RAIL/ BRACKETS

PROPOSED CTIL TEF 2No. L23T RRUs I.D. No. 506076 TO BE INSTALLED ON NEW SUPPORT POLES VIA MOUNTING RAIL/ BRACKETS

PROPOSED CTIL TEF 2No. NR34 RRUs I.D. No. 506100 TO BE INSTALLED ON NEW SUPPORT POLES VIA MOUNTING RAIL/ BRACKETS

PROPOSED CTIL TEF 2No. DISHES I.D.No.s 506060 & 506062 AT 40.0m MEAN HEIGHT, BEARINGS 0° & 180° TO BE FIXED TO NEW SUPPORT POLES

PROPOSED CTIL TEF 1No. GPS MODULE AT 3.0m MEAN TO BE INSTALLED ON EXISTING GANTRY SUPPORT POLE



53.0m TOP OF STRUCTURE
49.0m
42.0m
41.3m
40.95m
40.0m
39.0m

PROPOSED CTIL A6 AT 40.95m 330° E.T.N. 438465 UNDER PROJECT No. 212615 TO BE RELOCATED

PROPOSED CTIL A11 AT 39.0m 330° E.T.N. 506054

PROPOSED CTIL A12 AT 40.95m 330° E.T.N. 506059

CTIL E6 AT 40.0m 330° E.T.N. 413853 TO BE REMOVED

CTIL E1 AT 40.0m 90° E.T.N. 413846 TO BE REMOVED

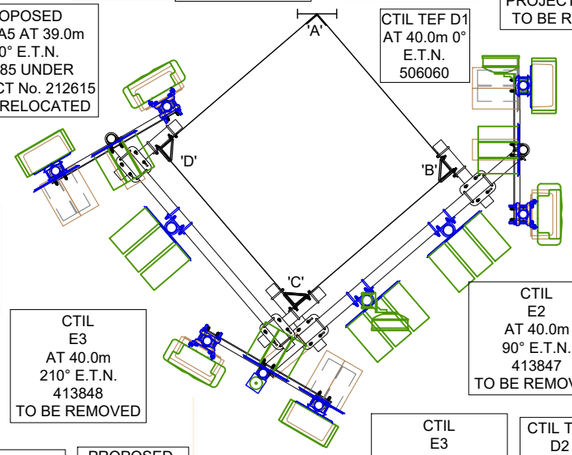
PROPOSED CTIL A1 AT 39.0m 90° E.T.N. 448583 UNDER PROJECT No. 212615 TO BE RELOCATED

N

PROPOSED CTIL A5 AT 39.0m 330° E.T.N. 448585 UNDER PROJECT No. 212615 TO BE RELOCATED

CTIL TEF D1 AT 40.0m 0° E.T.N. 506060

PROPOSED CTIL A2 AT 40.95m 90° E.T.N. 438463 UNDER PROJECT No. 212615 TO BE RELOCATED



PROPOSED CTIL A7 AT 39.0m 90° E.T.N. 506052

PROPOSED CTIL A8 AT 40.95m 90° E.T.N. 506056

CTIL E5 AT 40.0m 330° E.T.N. 413852 TO BE REMOVED

CTIL E3 AT 40.0m 210° E.T.N. 413848 TO BE REMOVED

PROPOSED CTIL 3No. L23 RRU's 448586 UNDER PROJECT No. 212615

CTIL E2 AT 40.0m 90° E.T.N. 413847 TO BE REMOVED

RESERVED CTIL VF 6No. 2100 RRU 506087

CTIL E3 AT 40.0m 210° E.T.N. 413848 TO BE REMOVED

CTIL TEF D2 AT 40.0m 180° E.T.N. 506062

PROPOSED CTIL TEF 3No. L08/L09 RRU 506073

PROPOSED CTIL TEF 3No. GU09 RRU 506074

CTIL 2No. L21 RRU's 392593 TO BE REMOVED UNDER PROJECT No. 212615

CTIL 2No. L21 RRU's 392592 TO BE REMOVED UNDER PROJECT No. 212615

PROPOSED CTIL A9 AT 39.0m 210° E.T.N. 506053

PROPOSED CTIL GPS AT 41.3m 438470 UNDER PROJECT No. 212615

PROPOSED CTIL A3 AT 39.0m 210° E.T.N. 448584 UNDER PROJECT No. 212615 TO BE RELOCATED

PROPOSED CTIL 3No. L26 RRU's 448629 UNDER PROJECT No. 212615

PROPOSED CTIL 3No. L21 RRU's 438466 UNDER PROJECT No. 212615

PROPOSED CTIL TEF 3No. L21 RRU 506075

PROPOSED CTIL TEF 3No. L23T RRU 506076

PROPOSED CTIL TEF 3No. NR34 RRU 506100

CTIL 3No. RRU's TO BE REMOVED

CTIL 2No. L21 RRU's 392594 TO BE REMOVED UNDER PROJECT No. 212615

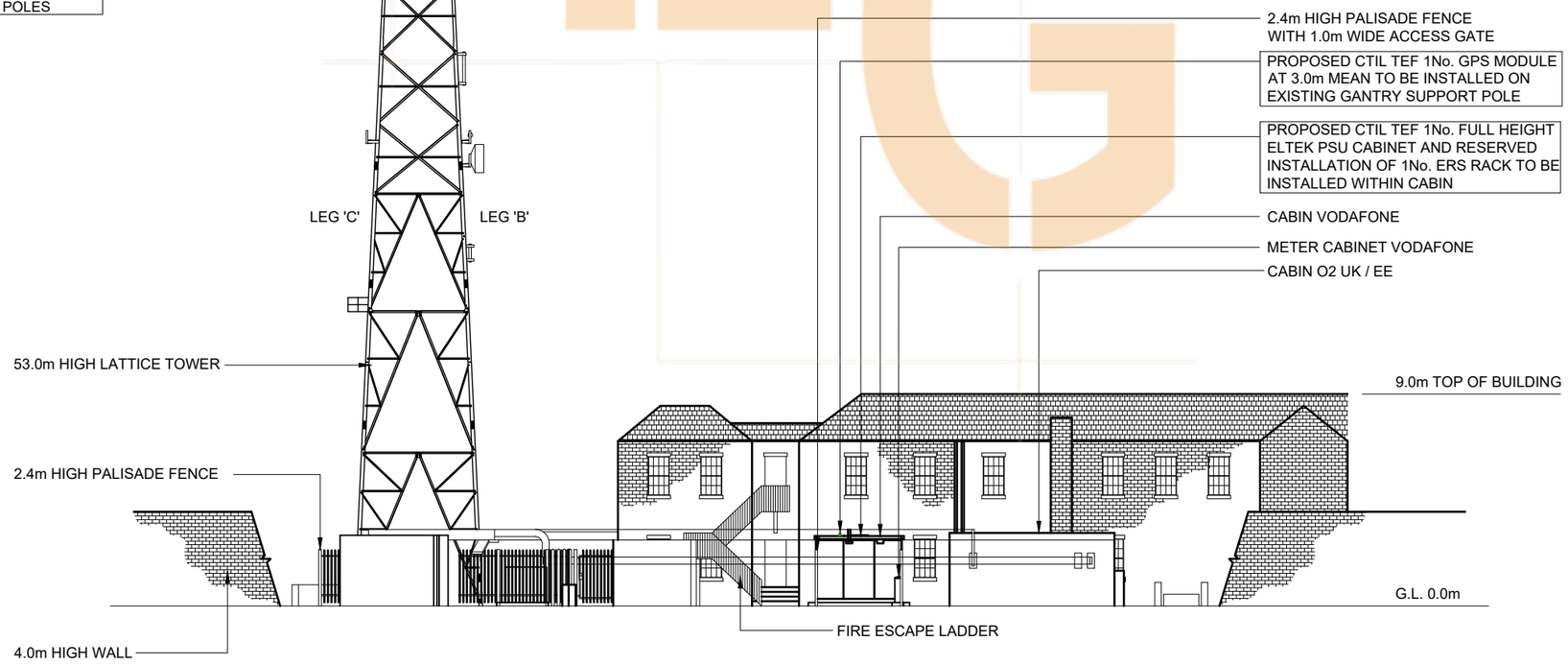
PROPOSED CTIL A10 AT 40.95m 210° E.T.N. 506057

PROPOSED CTIL A4 AT 40.95m210° E.T.N. 438464 UNDER PROJECT No. 212615 TO BE RELOCATED

0 0.5m 1m 2m

TOWER PLAN AT 40.0m

SCALE 1:50



SOUTH EAST ELEVATION

0 1m 5m 10m

FEINT DETAILS INDICATE LOCATIONS RESERVED FOR OTHER PROPOSALS WHICH MAY BE THE SUBJECT OF SEPARATE APPLICATIONS

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NOTES

PROJECT No.	-
CSID	-
VFID	-
CSR	-
CELL No.	-

ISS	REVISION	DATE	DRN	APP
26.A	PROJ No - PLANNING		WHP	
26	PROJ No 220551 AS BUILT	11/09/20	HFC	KG
25	PROJ No 228006 AS BUILT	09/07/20	WHP	MF
24	PROJ No 214186 AS BUILT	20/03/20	DAL	MF
23	PROJ No 191215 AS BUILT	11/10/19	HFC	FC

SITE No -
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-
-

NGR -
OS GRID -

TITLE
ELEVATION
PROPOSED
CTIL

SCALE 1:250
DRAWN - -
APPROVED - -

DRG No. -- 22-160 - MD026 Sheet 1 of 1 Rev 26.A

A3

CONFIGURATION TYPE: -

CTIL RF CONFIG.: BEACON2 + 2600F/2300T/N3400

ANTENNA DETAILS TO BE REMOVED

I.D. No.	ITEM	OPERATOR	FUNCTION	LOCATION	BEARING	MEAN HEIGHT	ANTENNA TYPE/SIZE	No. OF PORTS	RET/ VET	MAIN FEEDER TYPE	FEEDER QTY EXISTING	FEEDER QTY NEW	MAIN FEEDER LENGTH	MAIN FEEDER BTM TAIL LENGTH	MAIN FEEDER BTM TAIL TYPE	MAIN FEEDER TOP TAIL LENGTH	MAIN FEEDER TOP TAIL TYPE	TOTAL LENGTH	DC/FIBRE QTY	DC/FIBRE LENGTH	RRU /RRH	MHA TYPE	SBT QTY	RRH/RRU /MHA JUMPER LENGTH	DIPLEXERS HIGH	DIPLEXERS LOW	OVERALL SYSTEM LOSS
413846	E1	VF/TEF	GU09	EXISTING STEELWORK	90° E.T.N.	40.0m	HUAWEI ATR4518R6v06	6	RET	LDF5-50	2	-	63m	2 x 2.0m	LDF4-50	2 x 2.0m	LDF4-50	67m	1No. MULTI CORE FIBRE/DC CABLES	70.0m	-	-	-	-	-	-	-
		VF/TEF	U21						RET	-	-	-	-	-	-	-	-	-			L21	-	-	2 x 2.0m	-	-	-
		VF	L21						RET	-	-	-	-	-	-	-	-	-				-	-	2 x 2.0m	-	-	-
413847	E2	VF/TEF	L08/GU09	EXISTING STEELWORK	90° E.T.N.	40.0m	HUAWEI ATR4518R6v06	6	RET	LDF7-50	2	-	61m	4 x 2.0m	LDF4-50	2 x 2.0m	LDF4-50	67m	-	-	-	-	1	-	-	D8/9	-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
413848	E3	VF/TEF	GU09	EXISTING STEELWORK	210° E.T.N.	40.0m	HUAWEI ATR4518R6v06	6	RET	LDF5-50	2	-	65m	2 x 2.0m	LDF4-50	2 x 2.0m	LDF4-50	69m	1No. MULTI CORE FIBRE/DC CABLES	70.0m	-	-	-	-	-	-	-
		VF/TEF	U21						RET	-	-	-	-	-	-	-	-	-			L21	-	-	2 x 2.0m	-	-	-
		VF	L21						RET	-	-	-	-	-	-	-	-	-				-	-	2 x 2.0m	-	-	-
413849	E4	VF/TEF	L08/GU09	EXISTING STEELWORK	210° E.T.N.	40.0m	HUAWEI ATR4518R6v06	6	RET	LDF7-50	2	-	63m	4 x 2.0m	LDF4-50	2 x 2.0m	LDF4-50	69m	-	-	-	-	1	-	-		-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D8/9	-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
413852	E5	VF/TEF	GU09	EXISTING STEELWORK	330° E.T.N.	40.0m	HUAWEI ATR4518R6v06	6	RET	LDF5-50	2	-	64m	2 x 2.0m	LDF4-50	2 x 2.0m	LDF4-50	68m	1No. MULTI CORE FIBRE/DC CABLES	70.0m	-	-	-	-	-	-	-
		VF/TEF	U21						RET	-	-	-	-	-	-	-	-	-			L21	-	-	2 x 2.0m	-	-	-
		VF	L21						RET	-	-	-	-	-	-	-	-	-				-	-	2 x 2.0m	-	-	-
413853	E6	VF/TEF	L08/GU09	EXISTING STEELWORK	330° E.T.N.	40.0m	HUAWEI ATR4518R6v06	6	RET	LDF7-50	2	-	62m	4 x 2.0m	LDF4-50	2 x 2.0m	LDF4-50	68m	-	-	-	-	1	-	-	D8/9	-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PROPOSED ANTENNA UNDER PROJECT No. 212615 TO BE RELOCATED

I.D. No.	ITEM	OPERATOR	FUNCTION	LOCATION	BEARING	MEAN HEIGHT	ANTENNA TYPE/SIZE	No. OF PORTS	RET/ VET	MAIN FEEDER TYPE	FEEDER QTY EXISTING	FEEDER QTY NEW	MAIN FEEDER LENGTH	MAIN FEEDER BTM TAIL LENGTH	MAIN FEEDER BTM TAIL TYPE	MAIN FEEDER TOP TAIL LENGTH	MAIN FEEDER TOP TAIL TYPE	TOTAL LENGTH	DC/FIBRE QTY	DC/FIBRE LENGTH	RRU	MHA TYPE	SBT QTY	RRU JUMPER LENGTH	COMBINERS HIGH	DIPLEXER LOW	OVERALL SYSTEM LOSS
448583	A1	VF	GU09	EXISTING STEELWORK	90° E.T.N.	39.0m	HUAWEI AOC4518R8v06	14	RET	LDF5-50	2	-	63m	2x2.0m	LDF4-50	2x2.0m	LDF4-50	67m	6No. MULTICORE FIBRE & 6No. DC CABLES	70.0m	-	-	-	-	-	-	-
		VF+TEF/TEF	L08/GU09						RET	LDF7-50	2	-	61m	4x2.0m	LDF4-50	2x2.0m	LDF4-50	67m			-	-	-	-	-	D8/9	-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
		VF	L26						RET	-	-	-	-	-	-	-	-	-			L26	-	-	4 x 2.0m	-	-	-
		VF/TEF	L21/U21						RET	-	-	-	-	-	-	-	-	-			L21/U21	-	-	4 x 2.0m	-	-	-
		TEF	L23						RET	-	-	-	-	-	-	-	-	-			L23	-	-	8 x 2.0m	-	-	-
438463	A2	VF	5G	EXISTING STEELWORK	90° E.T.N.	40.95m	MIMO AAU5613	2	RET	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
448584	A3	VF	GU09	EXISTING STEELWORK	210° E.T.N.	39.0m	HUAWEI AOC4518R8v06	14	RET	LDF5-50	2	-	65m	2x2.0m	LDF4-50	2x2.0m	LDF4-50	69m			-	-	-	-	-	-	-
		VF+TEF/TEF	L08/GU09						RET	LDF7-50	2	-	63m	4x2.0m	LDF4-50	2x2.0m	LDF4-50	69m			-	-	-	-	-	D8/9	-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
		VF	L26						RET	-	-	-	-	-	-	-	-	-			L26	-	-	4 x 2.0m	-	-	-
		VF/TEF	L21/U21						RET	-	-	-	-	-	-	-	-	-			L21/U21	-	-	4 x 2.0m	-	-	-
		TEF	L23						RET	-	-	-	-	-	-	-	-	-			L23	-	-	8 x 2.0m	-	-	-
438464	A4	VF	5G	EXISTING STEELWORK	210° E.T.N.	40.95m	MIMO AAU5613	2	RET	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
448585	A5	VF	GU09	EXISTING STEELWORK	330° E.T.N.	39.0m	HUAWEI AOC4518R8v06	14	RET	LDF5-50	2	-	64m	2x2.0m	LDF4-50	2x2.0m	LDF4-50	68m			-	-	-	-	-	-	-
		VF+TEF/TEF	L08/GU09						RET	LDF7-50	2	-	62m	4x2.0m	LDF4-50	2x2.0m	LDF4-50	68m			-	-	-	-	-	D8/9	-
		-	SPARE						RET	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
		VF	L26						RET	-	-	-	-	-	-	-	-	-			L26	-	-	4 x 2.0m	-	-	-
		VF/TEF	L21/U21						RET	-	-	-	-	-	-	-	-	-			L21/U21	-	-	4 x 2.0m	-	-	-
		TEF	L23						RET	-	-	-	-	-	-	-	-	-			L23	-	-	8 x 2.0m	-	-	-
438465	A6	VF	5G	EXISTING STEELWORK	330° E.T.N.	40.95m	MIMO AAU5613	2	RET	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-

CTIL 6No. LDF5-50 & 6No. LDF7-50 FEEDERS TO BE RE-USED (SUBJECT TO TESTING). CTIL 3No. MULTICORE FIBRES & 3No. DC CABLES TO BE REUSED. EXISTING FEEDERS TO BE CUT BACK AND EXISTING CONNECTORS SWAPPED OUT FOR 43.10 CONNECTORS. PROPOSED CTIL 3No. MULTICORE FIBRES & 3No. DC CABLES TO BE INSTALLED.

FEINT DETAILS INDICATE LOCATIONS RESERVED FOR OTHER PROPOSALS WHICH MAY BE THE SUBJECT OF SEPARATE APPLICATIONS

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NOTES

PROJECT No. -
CSID -
VFID -
CSR -
CELL No. -

26.A	PROJ No - PLANNING		WHP	
26	PROJ No 220551 AS BUILT	11/09/20	HFC	KG
25	PROJ No 228006 AS BUILT	09/07/20	WHP	MF
24	PROJ No 214186 AS BUILT	20/03/20	DAL	MF
23	PROJ No 191215 AS BUILT	11/10/19	HFC	FC
ISS	REVISION	DATE	DRN	APP

SITE No -
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NGR -
OS GRID -

TITLE
ANTENNA SCHEDULE
PROPOSED
CTIL

SCALE N/A
DRAWN - -
APPROVED - -

DRG No. -22-161-MD026 Sheet 1 of 3 Rev 26.A

A3

CONFIGURATION TYPE: -

CTIL RF CONFIG.: BEACON2 + 2600F/2300T/N3400

RET CABLES TABLE

RET CABLES	QUANTITY	RET CABLES	QUANTITY
3 WAY TERMINATION RET BOX	*	25m RET CABLE	*
0.5m RET CABLE	3	30m RET CABLE	*
1m RET CABLE	*	35m RET CABLE	*
2m RET CABLE	3	40m RET CABLE	*
3m RET CABLE	*	45m RET CABLE	*
4m RET CABLE	*	50m RET CABLE	*
5m RET CABLE	*	60m RET CABLE	*
7m RET CABLE	*	70m RET CABLE	*
10m RET CABLE	*	80m RET CABLE	*
13m RET CABLE	*	90m RET CABLE	*
15m RET CABLE	*	100m RET CABLE	*
20m RET CABLE	*		

TRANSMISSION ENCLOSURE

EXISTING / PROPOSED	ENCLOSURE	U SPACE AVAILABLE	CURRENT B.T. / TRANSMISSION LOCATION	PROPOSED MEAS LOCATION
EXISTING	ATP 42U TX RACK	33U	X	-

PROPOSED GPS DETAILS UNDER ANOTHER PROJECT No.

I.D. No.	TYPE / SIZE	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS
438470	UHF GPS MODULE	41.3m	70.0m	LDF4-50	1

EXISTING DISH DETAILS

I.D. No.	ITEM	TYPE / SIZE	BEARING	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS	No. OF REMOTE ODU's
430327	D1	SHF 0.3m HP DISH	60°E.T.N.	49.0m	77.0m	LDF4-50	1	0
378119	D2	SHF 0.3m HP DISH	123°E.T.N.	42.0m	70.0m	LDF4-50	1	0
197759	D3	SHF 0.3m ATP DISH	114°E.T.N.	42.0m	70.0m	LDF4-50	1	0

RESERVED DISH DETAILS TO BE INSTALLED UNDER ANOTHER PROJECT No.

I.D. No.	ITEM	TYPE / SIZE	BEARING	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS	No. OF REMOTE ODU's
444815	D4	SHF 0.2m HP DISH	-	-	-	-	1	-
444816	D5	SHF 0.2m HP DISH	-	-	-	-	1	-

FEINT DETAILS INDICATE LOCATIONS RESERVED FOR OTHER PROPOSALS WHICH MAY BE THE SUBJECT OF SEPARATE APPLICATIONS

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NOTES

PROJECT No. -
CSID -
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CSR -
CELL No. -

ISS	REVISION	DATE	DRN	APP
26.A	PROJ No - PLANNING		WHP	
26	PROJ No 220551 AS BUILT	11/09/20	HFC	KG
25	PROJ No 228006 AS BUILT	09/07/20	WHP	MF
24	PROJ No 214186 AS BUILT	20/03/20	DAL	MF
23	PROJ No 191215 AS BUILT	11/10/19	HFC	FC

SITE No -
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NGR -
OS GRID -

TITLE
ANTENNA SCHEDULE
PROPOSED
CTIL

SCALE N/A
DRAWN - -
APPROVED - -

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CONFIGURATION TYPE: BEACON 3 NEW BUILD

TEF RF CONFIG. / VOD CODE: BEACON 3 RRUs AT ANTENNA - OPTION 2MA

PROPOSED CTIL TEF ANTENNA DETAILS

I.D. No.	ITEM	OPERATOR	FUNCTION	LOCATION	BEARING	MEAN HEIGHT	ANTENNA TYPE/SIZE	No. OF PORTS	RET/ VET	MAIN FEEDER TYPE	FEEDER QTY EXISTING	FEEDER QTY NEW	MAIN FEEDER LENGTH	MAIN FEEDER BTM TAIL LENGTH	MAIN FEEDER BTM TAIL TYPE	MAIN FEEDER TOP TAIL LENGTH	MAIN FEEDER TOP TAIL TYPE	TOTAL LENGTH	DC/FIBRE QTY	DC/FIBRE LENGTH	ERS UNIT	MHA TYPE	SBT QTY	RRU JUMPER LENGTH	COMBINERS HIGH	COMBINERS LOW	OVERALL SYSTEM LOSS
506128	A7	TEF	L08/09	STEELWORK	90°E.T.N.	39.0m	COMMSCOPE RRZZT4S4-65B-R6	24	RET	-	-	-	-	-	-	-	-	-	1No. 6/12 HYBRID CABLE	70m	2238	-	-	2x3.0m	-	-	-
		TEF	GU09						RET	-	-	-	-	-	-	-	-	-			2238	-	-	2x3.0m	-	-	-
		TEF	L18/L21						RET	-	-	-	-	-	-	-	-	-			4480	-	-	4x3.0m	-	-	-
		TEF	L23T					8TR	RET	-	-	-	-	-	-	-	-				8808	-	-	8x3.0m	-	-	-
		TEF	NR34					8TR	RET	-	-	-	-	-	-	-	-	-			8823	-	-	8x3.0m	-	-	-
506131	A8	TEF	5G	STEELWORK	90°E.T.N.	40.95m	ERICSSON AIR 6488B42G	2	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
506129	A9	TEF	L08/09	STEELWORK	210°E.T.N.	39.0m	COMMSCOPE RRZZT4S4-65B-R6	24	RET	-	-	-	-	-	-	-	-	-	1No. 6/12 HYBRID CABLE	70m	2238	-	-	2x3.0m	-	-	-
		TEF	GU09						RET	-	-	-	-	-	-	-	-	-			2238	-	-	2x3.0m	-	-	-
		TEF	L18/L21						RET	-	-	-	-	-	-	-	-	-			4480	-	-	4x3.0m	-	-	-
		TEF	L23T					8TR	RET	-	-	-	-	-	-	-	-				8808	-	-	8x3.0m	-	-	-
		TEF	NR34					8TR	RET	-	-	-	-	-	-	-	-	-			8823	-	-	8x3.0m	-	-	-
506132	A10	TEF	5G	STEELWORK	210°E.T.N.	40.95m	ERICSSON AIR 6488B42G	2	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
506130	A11	TEF	L08/09	STEELWORK	330°E.T.N.	39.0m	COMMSCOPE RRZZT4S4-65B-R6	24	RET	-	-	-	-	-	-	-	-	-	1No. 6/12 HYBRID CABLE	70m	2238	-	-	2x3.0m	-	-	-
		TEF	GU09						RET	-	-	-	-	-	-	-	-	-			2238	-	-	2x3.0m	-	-	-
		TEF	L18/L21						RET	-	-	-	-	-	-	-	-	-			4480	-	-	4x3.0m	-	-	-
		TEF	L23T					8TR	RET	-	-	-	-	-	-	-	-				8808	-	-	8x3.0m	-	-	-
		TEF	NR34					8TR	RET	-	-	-	-	-	-	-	-	-			8823	-	-	8x3.0m	-	-	-
506133	A12	TEF	5G	STEELWORK	330°E.T.N.	40.95m	ERICSSON AIR 6488B42G	2	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-

(CTIL TEF 3No. 6/12 HYBRID CABLES TO BE INSTALLED ON EXISTING CABLE MANAGEMENT)

PROPOSED GPS DETAILS

I.D. No.	TYPE / SIZE	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS
TBC	UHF GPS MODULE	3.0m	5.0m	LDF4-50	1

CTIL TEF RET CABLES TABLE

RET CABLES	QUANTITY	RET CABLES	QUANTITY
3 WAY TERMINATION RET BOX	*	15m RET CABLE	*
0.5m RET CABLE	*	20m RET CABLE	*
1m RET CABLE	6	25m RET CABLE	*
2m RET CABLE	*	30m RET CABLE	*
3m RET CABLE	*	35m RET CABLE	*
4m RET CABLE	*	40m RET CABLE	*
5m RET CABLE	*	45m RET CABLE	*
7m RET CABLE	*	50m RET CABLE	*
10m RET CABLE	*	60m RET CABLE	*

PROPOSED CTIL TEF TRANSMISSION ENCLOSURE

EXISTING / PROPOSED	ENCLOSURE	U SPACE AVAILABLE	CURRENT B.T. / TRANSMISSION LOCATION	PROPOSED MEAS LOCATION
PROPOSED	ELTEK CABINET	29U	-	X

CTIL TEF PROPOSED DISH DETAILS

I.D. No.	ITEM	TYPE / SIZE	BEARING	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS	No. OF REMOTE ODU's
506060	D1	SHF 0.3m HP DISH	0°E.T.N.	40.0m	70.0m	-	1	0
506056	D2	SHF 0.3m HP DISH	180°E.T.N.	40.0m	70.0m	-	1	0

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24	PROJ No 214186 AS BUILT	20/03/20	DAL	MF
23	PROJ No 191215 AS BUILT	11/10/19	HFC	FC

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TITLE
ANTENNA SCHEDULE
PROPOSED
CTIL

SCALE N/A
DRAWN - -
APPROVED - -

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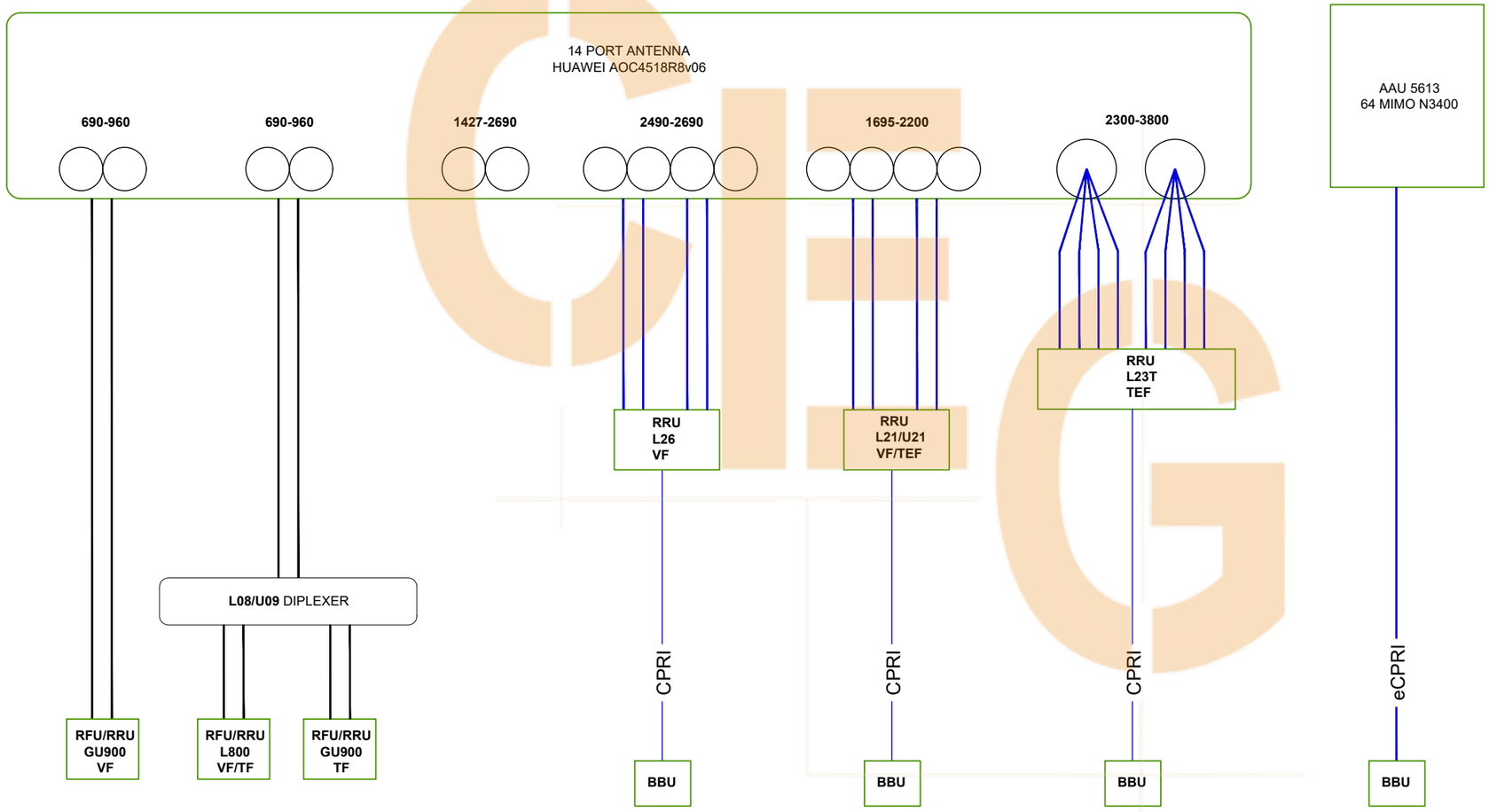
BEACON2 + 2600F/2300T/N3400



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CSR	-
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NGR -

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ANTENNA SCHEMATIC
PROPOSED
CTIL

SCALE N/A

DRAWN	-	-
APPROVED	-	-

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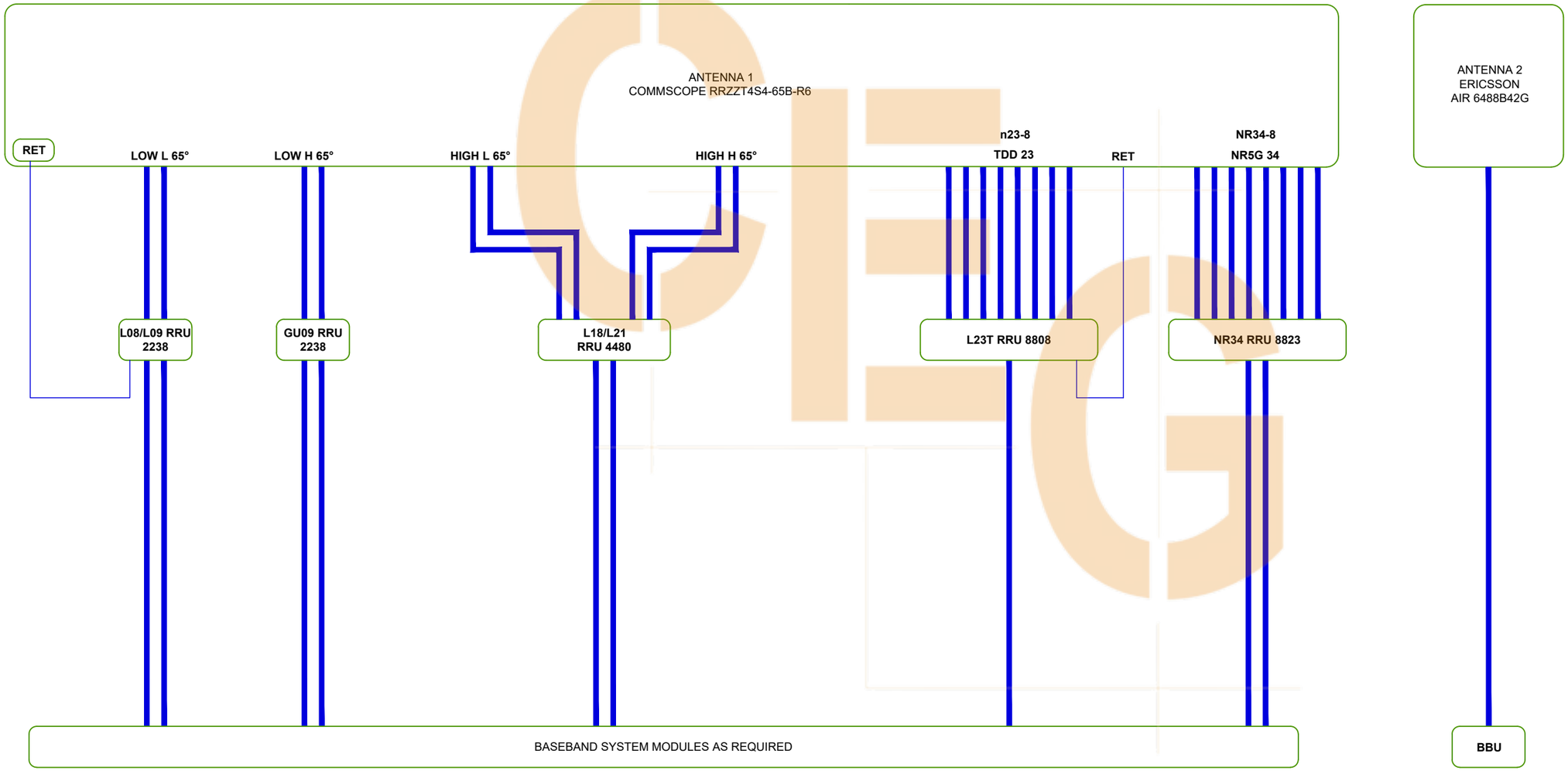
PROPOSED ANTENNA SCHEMATIC
REF: BEACON 3 RRUs AT ANTENNA - OPTION 2MA



CTIL TEF ANTENNA SCHEMATIC

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NOTES

PROJECT No.	212615
CSID	12264224
VFID	3825_37
CSR	N/A
CELL No.	3825VF

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ANTENNA SCHEMATIC
PROPOSED
CTIL

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DRAWN	-	-
APPROVED	-	-

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