

PROPOSED H3G 3No. TRUNK FIBRE & 3No. TRUNK DC CABLES TO BE INSTALLED UTILISING PROPOSED CABLE MANAGEMENT TO RUN TO TOWER LEG 'A'.

PROPOSED STOCKPROOF FENCE c/w 1.0m WIDE ACCESS GATE, MEMBRANE, GRAVEL AND KICK BOARDS

PROPOSED H3G SLIM METER CABINET C/W NEW REC SUPPLY TO BE INSTALLED WITHIN FENCE LINE ON NEW PAD FOUNDATION (80A SINGLE PHASE MINIMAL REQUIRED)

PROPOSED Ø100 DUCT FOR SUB-MAIN CABLE TO TERMINATE IN 200mm² CONCRETE CAST ADJACENT TO PROPOSED GROUND MOUNTED CABLE TRAY.

PROPOSED H3G MK5 (TYPE B) LINK A/C CABINET C/W TX & DISTRIBUTION BOARD TO BE INSTALLED ON TOWER BASE FOUNDATION.

PROPOSED INTERLINKING SECTION OF 300mm WIDE x 1000mm LONG GROUND MOUNTED CABLE TRAY C/W HAZARD TAPE

GRASS EMBANKMENT

PROPOSED FLI ATS1300 20m TOWER ON NEW 6.00x6.00x1.20m PAD FOUNDATION TO BE INSTALLED AS PER MANUFACTURERS GUIDANCE

PROPOSED ARQIVA CABLE ROUTE FOR RELOCATED CABINET.

EXISTING ARQIVA SMART METERING EQUIPMENT ENCLOSURE c/w CABLE SKIRT TO BE RELOCATED ON PROPOSED TOWER BASE FOUNDATION

PROPOSED H3G E///6130 TO BE INSTALLED ON PROPOSED TOWER BASE FOUNDATION

PROPOSED H3G 300mmx2000mm LONG CABLE LADDER WITH RISER SECTION FIXED TO TOWER LEG & 1No. Ø114.3 x 4 x 3000mm HIGH GANTRY POLE ON PROPOSED PAD FOUNDATION FOR 3No. TRUNK FIBRE & 3No. DC CABLES TO RUN TO TOWER LEG 'A'

PROPOSED H3G 1No. GPS ANTENNA AT 3.0m MEAN I.D. No. XXXXXXXXXXXX TO BE INSTALLED ON PROPOSED GANTRY POLE

PROPOSED H3G 1No. LOCAL DC BOB & 1No. LOCAL FIBRE BOB TO BE INSTALLED ON PROPOSED GANTRY POLE

CATTLE SHED

EXISTING 12.0m POLE TO BE DECOMMISSIONED

ACCESS GATE TO FIELD

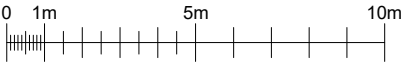
DIRT TRACK

CATTLE SHED

COURT YARD

BARN

BARN



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NOTES

PROJECT No. 243394

CELL No. COP047

	PROJ No			
	PROJ No			
	PROJ No			
	PROJ No			
1	PROJ No 243394 PLANNING	31/01/22	INVe	AR
ISS	REVISION	DATE	DRN	APP



Crawley Court, Winchester, Hampshire, SO21 2QA
Tel. 01962 823434, Fax. 01962 822378

SITE No 306221
ENNERDALE LOW STOWBANK
GW WHITEFIELD AND SONS FARM
KIRKLAND ROAD, LOW STOWBANK
CLEATOR
CUMBRIA
CA23 3AL

NGR NY 07277 16689

OS GRID 307277 516689

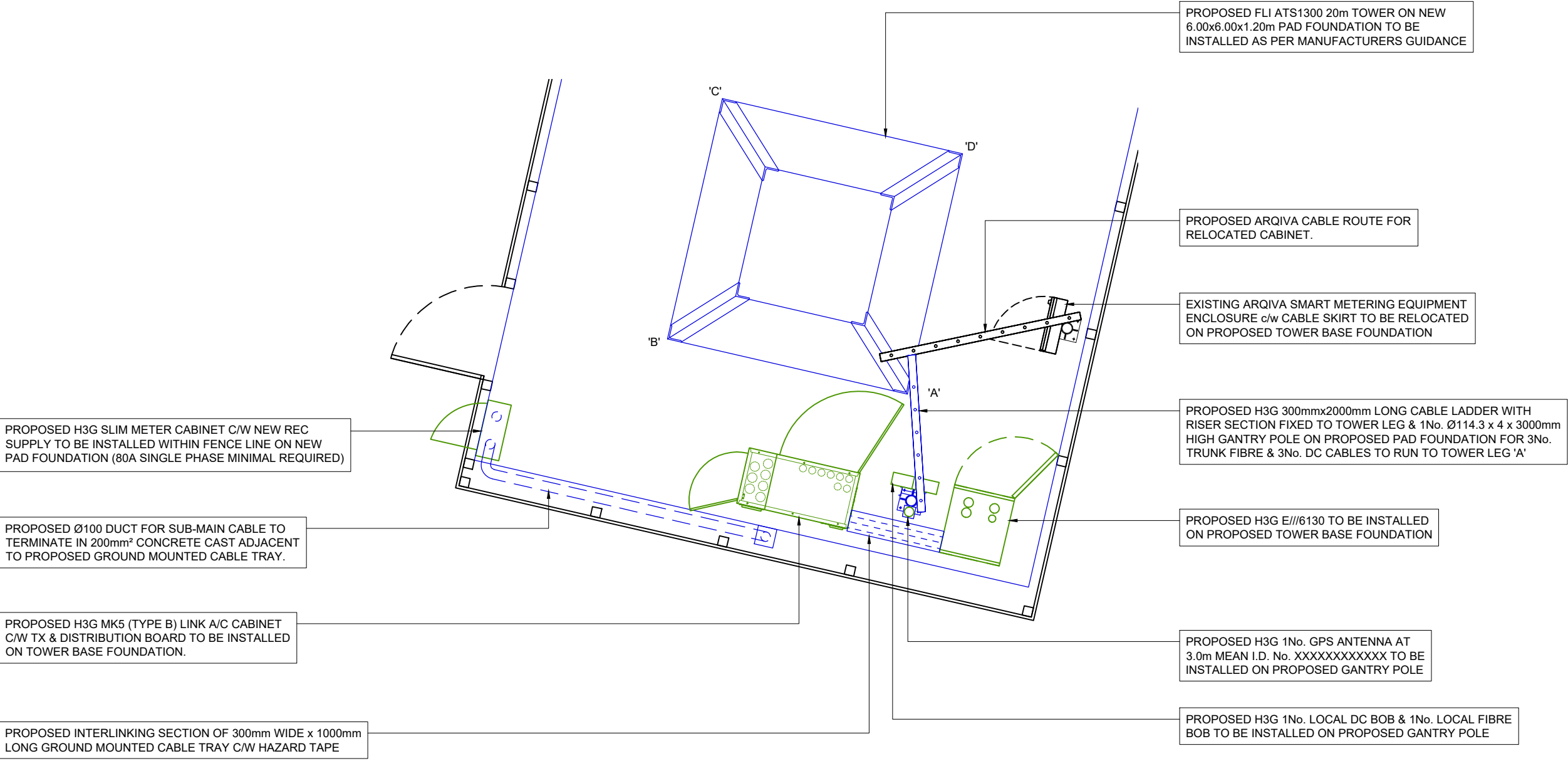
TITLE
SITE PLAN
PROPOSED
H3G & EE LTD

SCALE 1:200

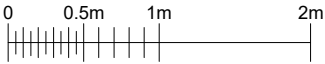
DRAWN	INVe	31/01/22
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DRG No.	Sheet 1 of 1	Rev
306221-02-100-MD001		1

NOTE:
ALL EXISTING OLO KIT TO BE SWAPPED
OVER TO PROPOSED STRUCTURE



H3G EQUIPMENT LAYOUT




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- NOTES
- SCHEDULE OF CONTRACTORS WORKS:-
1. "BEFORE ANY EXCAVATION WORKS TAKE PLACE, THE CONTRACTOR MUST BE IN RECEIPT OF A AUTHORITY TO PROCEED CERTIFICATE. THE CERTIFICATE WILL ONLY BE ISSUED FOLLOWING A CABLE SCAN CARRIED OUT BY AN ARQIVA REPRESENTATIVE TO DETERMINE THE POSITION OF EXISTING UNDERGROUND CABLES. THE CONTRACTOR REMAINS RESPONSIBLE FOR CARRYING OUT THEIR OWN CABLE SCAN PRIOR TO AND DURING EXCAVATION. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO MAINTAIN THE MARKS DELINEATING CABLE ROUTES THROUGHOUT THE DURATION OF THE WORKS".
 2. CONCRETE FOR THE BASE TO BE PLACED IN ONE CONTINUOUS POUR. FORMED FINISHES TO BE BASIC FINISH / PLAIN SMOOTH FINISH. WORKED FINISH TO BE STEEL / FLOAT FINISHED.
 3. FINAL POSITION OF ALL DUCTS MUST BE AGREED ON SITE WITH AN ARQIVA REPRESENTATIVE. ALL DUCTS TO BE FITTED WITH ADEQUATE DRAW ROPES AND CUT AT SITE BOUNDARY.
 4. ALL DUCTS TO BE FOAM SEALED AFTER INSTALLATION OF ALL CABLES.
 5. REMOVE ALL RUBBISH AND LEAVE AREA CLEAN AND TIDY. BREAK UP LOOSE SOIL LUMPS AND REMOVE LARGE STONES FROM SITE TO ALLOW FOR GRASS CUTTING. TRIM TREES WHERE NECESSARY.

PROJECT No.		244321	
CELL No.		SLK128	
PROJ No			
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PROJ No			
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PROJ No	243394		
1	PLANNING	31/01/22	INVe AR
ISS	REVISION	DATE	DRN APP



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SITE No 306221 ENNERDALE LOW STOWBANK GW WHITEFIELD AND SONS FARM KIRKLAND ROAD, LOW STOWBANK CLEATOR CUMBRIA CA23 3AL			
NGR		NY 07277 16689	
OS GRID		307277 516689	
TITLE EQUIPMENT LAYOUT PROPOSED H3G & EE LTD			
SCALE		1:50	
DRAWN	INVe	31/01/22	
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DRG No.		Sheet 1 of 1	Rev
306221-02-102-MD001		1	

PROPOSED H3G 3No. TRUNK FIBRE & TRUNK DC CABLES TO BE INSTALLED UTILISING PROPOSED CABLE MANAGEMENT TO RUN TO TOWER LEG 'A'.

NOTE:
ALL EXISTING OLO KIT TO BE SWAPPED OVER TO PROPOSED STRUCTURE

PROPOSED H3G 2No. 0.6m DISHES AT 19.0m MEAN, BEARINGS TBC & TBC I.D. No. XXXXXXXXXXXX & XXXXXXXXXXXX TO BE INSTALLED ON PROPOSED FLI ATS1300 RINGFRAME CHS SUPPORT POLES

TOP OF STRUCTURE 20.0m

19.0m

PROPOSED H3G 3No. E///2262 800 ERS UNITS I.D. No's XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX, 3No. E///2012 1400 ERS UNITS I.D. No's XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX & 3No. E///4480 18/21 ERS UNIT I.D. No's XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX TO BE INSTALLED ON NEW ERS RAIL FIXED TO Ø76.1 x 4 x 2500mm CHS SUPPORT POLES FIXED TO HEADFRAME

EXISTING ARQIVA SMART METERING 1No. 1.5m OMNI ANTENNA AT 13.15m, BEARING OMNI E.T.N. TO BE RELOCATED ON PROPOSED TOWER

12.3m

EXISTING ARQIVA SMART METERING 1No. GPS ANTENNA AT 12.3m, BEARING 0° E.T.N. TO BE RELOCATED ON PROPOSED TOWER

11.6m

LEG 'C'

LEG 'B'

PROPOSED FLI ATS1300 20m TOWER ON NEW 6.00x6.00x1.20m PAD FOUNDATION TO BE INSTALLED AS PER MANUFACTURERS GUIDANCE

PROPOSED ARQIVA CABLE ROUTE FOR RELOCATED CABINET.

EXISTING ARQIVA SMART METERING EQUIPMENT ENCLOSURE c/w CABLE SKIRT TO BE RELOCATED ON PROPOSED TOWER BASE FOUNDATION

PROPOSED STOCKPROOF FENCE c/w 1.0m WIDE ACCESS GATE, MEMBRANE, GRAVEL AND KICK BOARDS

0.0m G.L.

PROPOSED H3G E///6130 TO BE INSTALLED ON PROPOSED TOWER BASE FOUNDATION

PROPOSED H3G 3No. 800482002 ANTENNAS AT 19.0m MEAN, BEARINGS 0°, 120° & 240° I.D. No's XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX, TO BE INSTALLED ON PROPOSED Ø 76.1 x 4 x 2500mm CHS SUPPORT POLES FIXED TO HEADFRAME

PROPOSED H3G 3No. SPECTRUM LIMITATION FILTERS I.D. No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX TO BE INSTALLED ON PROPOSED ANTENNA CHS POLES

PROPOSED H3G 3No. DC BOBS I.D. No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX & 3No. FIBRE BOBS I.D. No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX TO BE INSTALLED ON NEW RAIL FIXED TO Ø76.1 x 4 x 2500mm CHS SUPPORT POLES FIXED TO HEADFRAME

EXISTING ARQIVA SMART METERING 1No. 3G OMNI ANTENNA AT 11.6m, BEARING OMNI E.T.N. TO BE RELOCATED ON PROPOSED TOWER

PROPOSED H3G 300mmx2000mm LONG CABLE LADDER WITH RISER SECTION FIXED TO TOWER LEG & 1No. Ø114.3 x 4 x 3000mm HIGH GANTRY POLE ON PROPOSED PAD FOUNDATION FOR 3No. TRUNK FIBRE & 3No. DC CABLES TO RUN TO TOWER LEG 'A'

EXISTING 12.0m POLE TO BE DECOMMISSIONED

PROPOSED H3G 1No. LOCAL DC BOB & 1No. LOCAL FIBRE BOB TO BE INSTALLED ON PROPOSED GANTRY POLE

PROPOSED H3G 1No. GPS ANTENNA AT 3.0m MEAN I.D. No. XXXXXXXXXXXX TO BE INSTALLED ON PROPOSED GANTRY POLE

PROPOSED H3G MK5 (TYPE B) LINK A/C CABINET C/W TX & DISTRIBUTION BOARD TO BE INSTALLED ON TOWER BASE FOUNDATION.

PROPOSED H3G METER CABINET C/W NEW REC SUPPLY TO BE INSTALLED WITHIN FENCE LINE ON NEW PAD FOUNDATION (80A SINGLE PHASE MINIMAL REQUIRED)

PROPOSED H3G 3No. E///4480 1800/2100 ERS UNITS I.D.No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX

PROPOSED H3G 800482002 19.0m 0° E.T.N. XXXXXXXXXXXX

PROPOSED H3G 3No. E///2262 700/800 ERS UNITS I.D.No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX

PROPOSED H3G 3No. DC BOB's I.D.No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX (1 PER SECTOR)

PROPOSED H3G 0.6m DISH 19.0m TBC XXXXXXXXXXXX

PROPOSED H3G 800482002 19.0m 240° E.T.N. XXXXXXXXXXXX

PROPOSED H3G 3No. FIBRE BOB's I.D.No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX (1 PER SECTOR)

PROPOSED H3G 3No. E///2012 1400 ERS UNITS I.D.No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX

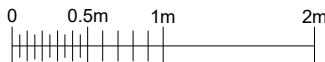
PROPOSED H3G 3No. E///KRF102 452 1400 ERS FILTERS I.D.No. XXXXXXXXXXXX, XXXXXXXXXXXX & XXXXXXXXXXXX

PROPOSED H3G 0.6m DISH 19.0m TBC XXXXXXXXXXXX

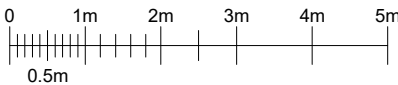
PROPOSED H3G 800482002 19.0m 120° E.T.N. XXXXXXXXXXXX

TOWER PLAN AT 19.0m

SCALE 1:50



NORTH-WEST ELEVATION



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KIRKLAND ROAD, LOW STOWBANK
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CUMBRIA
CA23 3AL

NGR NY 07277 16689

OS GRID 307277 516689

TITLE
ELEVATION
PROPOSED
H3G & EE LTD

SCALE 1:100

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APPROVED	AR	31/01/22

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306221-02-150-MD001		1

PROPOSED ANTENNA DETAILS - 71_A_12-F_0_0_F																									
ID No.	OPERATOR	FUNCTION	BEARING	MEAN HEIGHT	ANTENNA TYPE/SIZE	No. OF PORTS	RET/ VET	TILTS		MAIN FEEDER TYPE	FEEDER QTY	FEEDER LENGTH	BTM FEEDER/HYBRID TAIL LENGTH	DC/FIBRE TRUNK LENGTH	TOP HYBRID TAIL LENGTH	RRU BTM	RRU TOP	RRU - ANTENNA JUMPER TYPE	RRU - ANTENNA JUMPER LENGTH	FILTER	COMBINER TOP	COMBINER TO MHA JUMPER LENGTH	MHA TYPE	ANTENNA JUMPER LENGTH	
								MEC	ELE																
XXXXXX XXXXXX	H07/08eA1	700/800	0° E.T.N	19.0m	800482002	12	RET	-	-	FIBRE	1No. MULTICORE FIBRE & 1No. DC CABLE	-	1x5.0m	30.0m DC/ 30.0m FIBRE	1x2.0m	-	700/800	LCF12-50	2x3.0m	-	-	-	-	-	
	-	SPARE					RET	-	-				-		-	-	-	-	-	-					
	H14eA1	1400					RET	-	-				1x5.0m		1x2.0m	-	1400	LCF12-50	2x1.0m	YES	-	-	-	2x3.0m	
	-	SPARE					RET	-	-				-		-	-	-	-	-	-	-	-			
	H18/21eA1	1800/2100					RET	-	-				1x5.0m		1x2.0m	-	18/21	LCF12-50	2x3.0m	-	-	-	-	-	
	H18/21eA2	1800/2100					RET	-	-				1x5.0m		1x2.0m	-		LCF12-50	2x3.0m	-	-	-	-	-	
XXXXXX XXXXXX	H07/08eA1	700/800	120° E.T.N	19.0m	800482002	12	RET	-	-	FIBRE	1No. MULTICORE FIBRE & 1No. DC CABLE	-	1x5.0m	30.0m DC/ 30.0m FIBRE	1x2.0m	-	700/800	LCF12-50	2x3.0m	-	-	-	-	-	
	-	SPARE					RET	-	-				-		-	-	-	-	-	-	-	-			
	H14eA1	1400					RET	-	-				1x5.0m		1x2.0m	-	1400	LCF12-50	2x1.0m	YES	-	-	-	-	2x3.0m
	-	SPARE					RET	-	-				-		-	-	-	-	-	-	-	-	-		
	H18/21eA1	1800/2100					RET	-	-				1x5.0m		1x2.0m	-	18/21	LCF12-50	2x3.0m	-	-	-	-	-	
	H18/21eA2	1800/2100					RET	-	-				1x5.0m		1x2.0m	-		LCF12-50	2x3.0m	-	-	-	-	-	
XXXXXX XXXXXX	H07/08eA1	700/800	240° E.T.N	19.0m	800482002	12	RET	-	-	FIBRE	1No. MULTICORE FIBRE & 1No. DC CABLE	-	1x5.0m	30.0m DC/ 30.0m FIBRE	1x2.0m	-	700/800	LCF12-50	2x3.0m	-	-	-	-	-	
	-	SPARE					RET	-	-				-		-	-	-	-	-	-	-	-			
	H14eA1	1400					RET	-	-				1x5.0m		1x2.0m	-	1400	LCF12-50	2x1.0m	YES	-	-	-	-	2x3.0m
	-	SPARE					RET	-	-				-		-	-	-	-	-	-	-	-	-		
	H18/21eA1	1800/2100					RET	-	-				1x5.0m		1x2.0m	-	18/21	LCF12-50	2x3.0m	-	-	-	-	-	
	H18/21eA2	1800/2100					RET	-	-				1x5.0m		1x2.0m	-		LCF12-50	2x3.0m	-	-	-	-	-	

PROPOSED GPS DETAILS					
I.D. No.	TYPE / SIZE	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS
XXXXXX XXXXXX	UHF GPS MODULE	3.0m	5.0m	HDMI	1

PROPOSED DISH DETAILS								
I.D. No.	ITEM	TYPE / SIZE	BEARING	MEAN HEIGHT	FEEDER LENGTH	FEEDER TYPE	No. OF FEEDERS	No. OF REMOTE ODU's
XXXXXX XXXXXX	D1	SHF 0.6m HP DISH	TBC	19.0m	30.0m	LDF4-50	1	0
XXXXXX XXXXXX	D2	SHF 0.6m HP DISH	TBC	19.0m	30.0m	LDF4-50	1	0


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CA23 3AL

NGR NY 07277 16689

OS GRID 307277 516689

TITLE
ANTENNA SCHEDULE
PROPOSED
H3G & EE LTD

SCALE N/A

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306221-02-151-MD001		1

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