



Option:

CRABTREE GREEN



CRABTREE GREEN
EYNTON
WREXHAM
LL13 0SP

N/A

GA

B

B

B

B

B

B

B

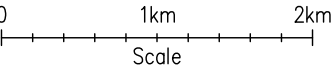
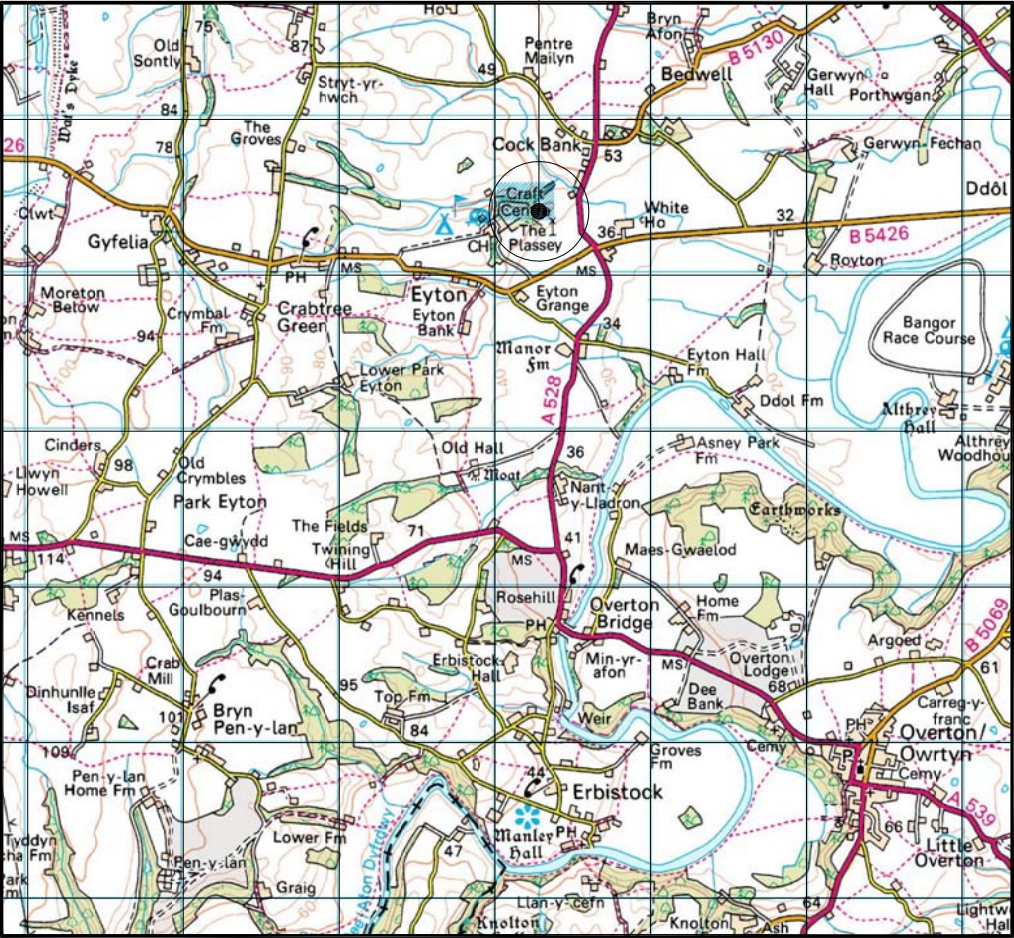
B

B

✓

Teamspace

SITE LOCATION

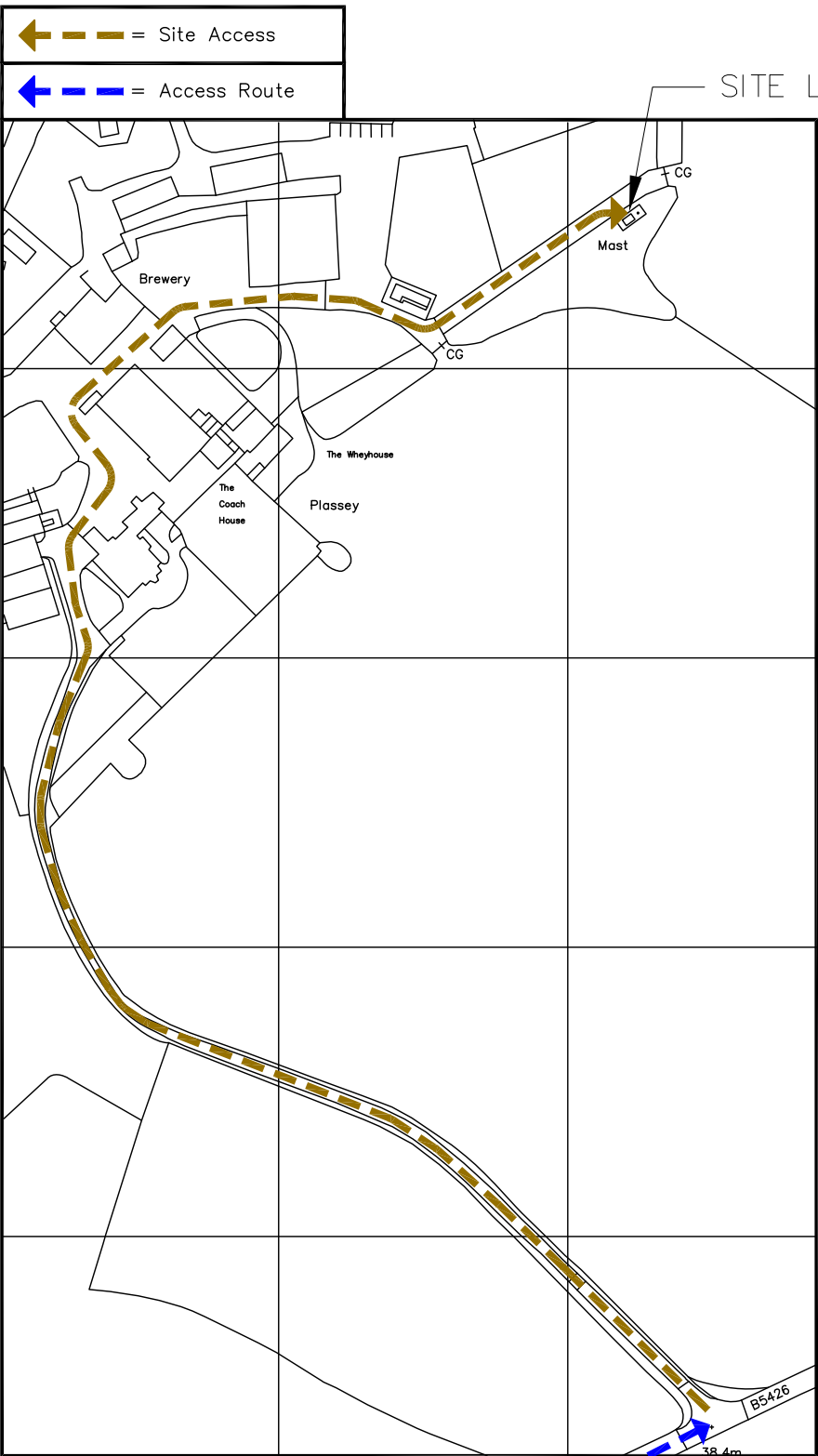
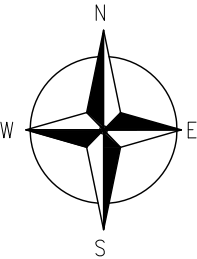


SITE LOCATION
(Scale 1:50000)

Ordnance Survey map extract
based upon Landranger map series
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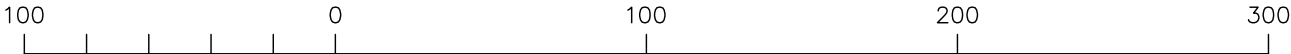


SITE PHOTOGRAPH



DETAILED SITE LOCATION
(Scale 1:1250)

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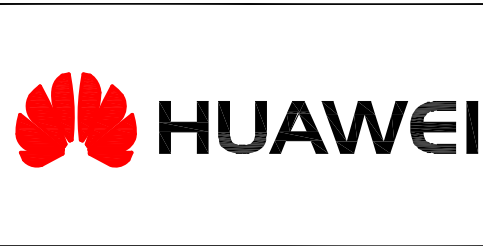
ORIGINAL SCALE AT A3 – 1:2500

ALL DIMENSIONS IN METRES

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE	
N.G.R	E: 335214 N: 345361
CONCESSION REQUIRED	NO
DIRECTIONS TO SITE: EXIT THE M54 WESTBOUND CONTINUE ONTO THE A5 BYPASS AROUND SHREWSBURY. FOLLOW THE A5 ONTO OSWESTRY, THEN NORTH TOWARDS WREXHAM. AT THE HALTON ROUNDABOUT TAKE THE SECOND EXIT ONTO A483 TOWARDS WREXHAM. EXIT AT JUNCTION 2 SIGNPOSTED FOR JOHNSTOWN. AT THE JUNCTION TURN RIGHT ONTO THE B5426 BANGOR ROAD. AFTER PASSING THROUGH EYTON TURN FIRST LEFT INTO PLASSEY LEISURE PARK. BEAR RIGHT FOLLOWING THE TRACK AROUND THE LEISURE CENTRE AND ROUND ALONGSIDE THE TREELINE. THE SITE IS ON THE RIGHT HAND SIDE JUST BEFORE THE GATE AT THE END OF THE TRACK.	

NOTES:

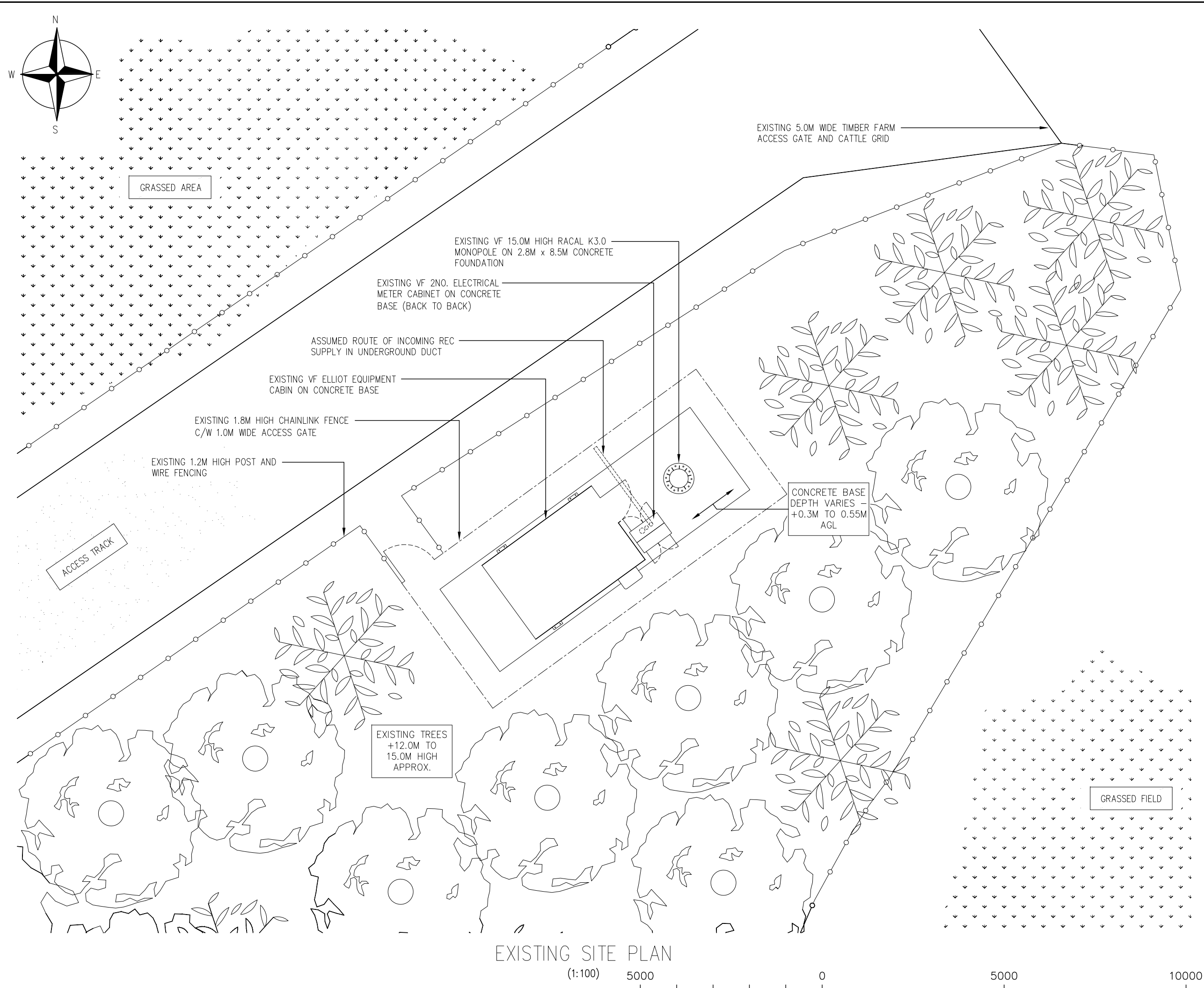
B	NGR Amended	NB	CY	31.03.15
A	Issued for Approval	RW	CY	13.02.15
REV	MODIFICATION	BY	CH	DATE



Cell Name		Opt.
CRABTREE GREEN		—
Cell ID No		
CTIL	TEF	VF
125788	N/A	12024

Site Address / Contact Details	
CRABTREE GREEN EYNTON WREXHAM LL13 OSP	

Drawing Title:		SITE LOCATION MAPS	
Purpose of Issue:		PLANNING	
Drawing Number:		100	
Surveyed By:		Original Sheet Size:	
PM		A3	
Issue:		B	
Drawn:	Date:	Checked:	Date:
RW	13.02.15	CY	13.02.15



The drawings comply with CTIL Beacon Standard ICNIRP guidelines.
Designed in accordance with CTIL Beacon documents: SDN0008 & SDN0009 'ICNIRP Compliance Summary'

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E: 335214

N: 345361

CONCESSION REQUIRED

NO

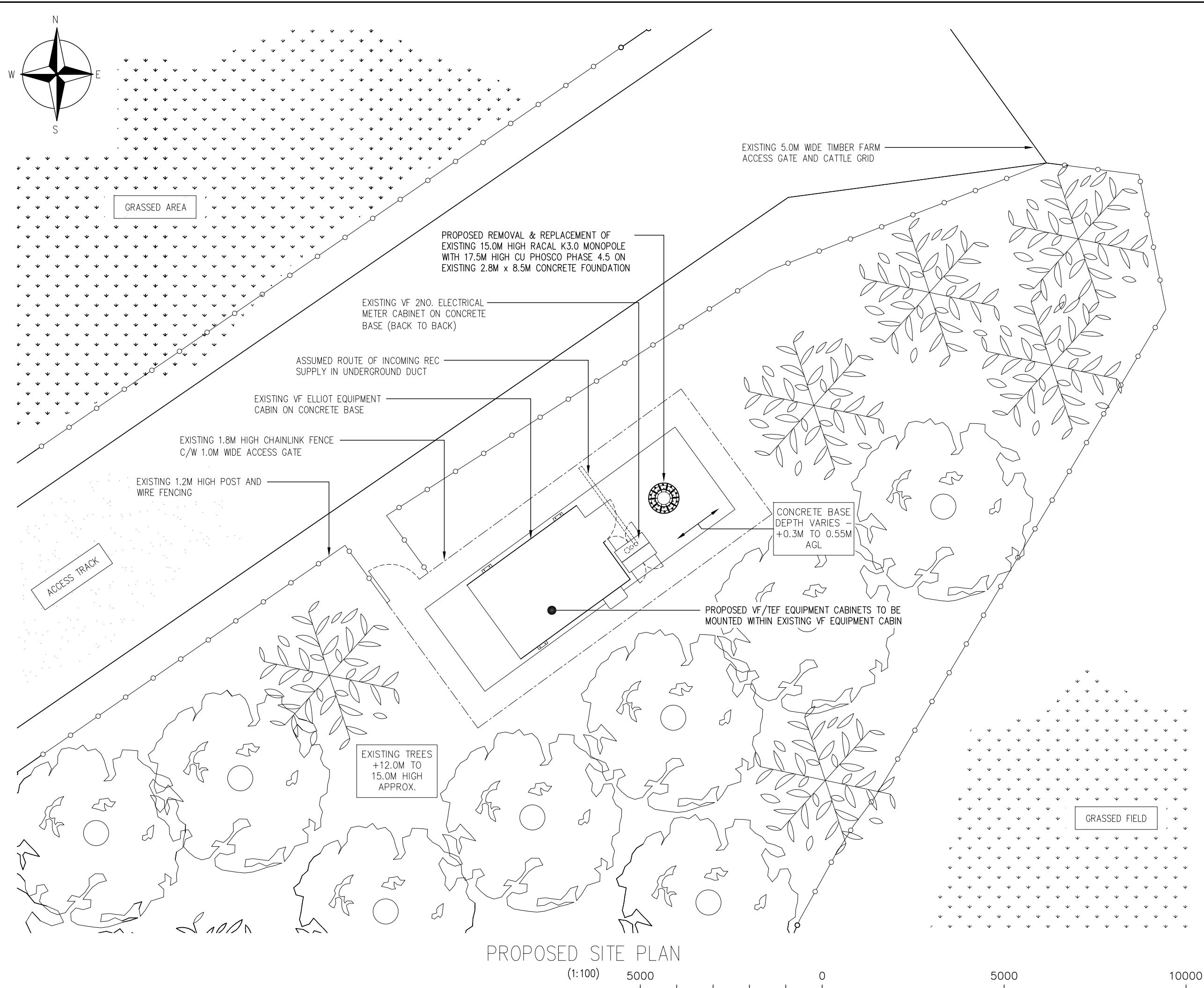
NOTES:

B	NGR Amended	NB	CY	31.03.15	
A	Issued for Approval	RW	CY	13.02.15	
REV	MODIFICATION	BY	CH	DATE	




CTIL - BEACON

Cell Name			Opt.
CRABTREE GREEN			—
Cell ID No			
CTIL	TEF	VF	
125788	N/A	12024	
Site Address / Contact Details			
CRABTREE GREEN EYNTON WREXHAM LL13 OSP			
Drawing Title: EXISTING SITE PLAN			
Purpose of Issue: PLANNING			
Drawing Number: 200			
Surveyed By: PM		Original Sheet Size: A3	Issue:
Drawn: RW	Date: 13.02.15	Checked: CY	Date: 13.02.15
			B



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Designed in accordance with CTIL Beacon documents: SDN0008 & SDN0009 'ICNIRP Compliance Summary'

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N.G.R

E: 335214

N: 345361

CONCESSION REQUIRED

NO

NOTES:

B	NGR & Pole amended	NB	CY	31.03.15	
A	Issued for Approval	RW	CY	13.02.15	
REV	MODIFICATION	BY	CH	DATE	

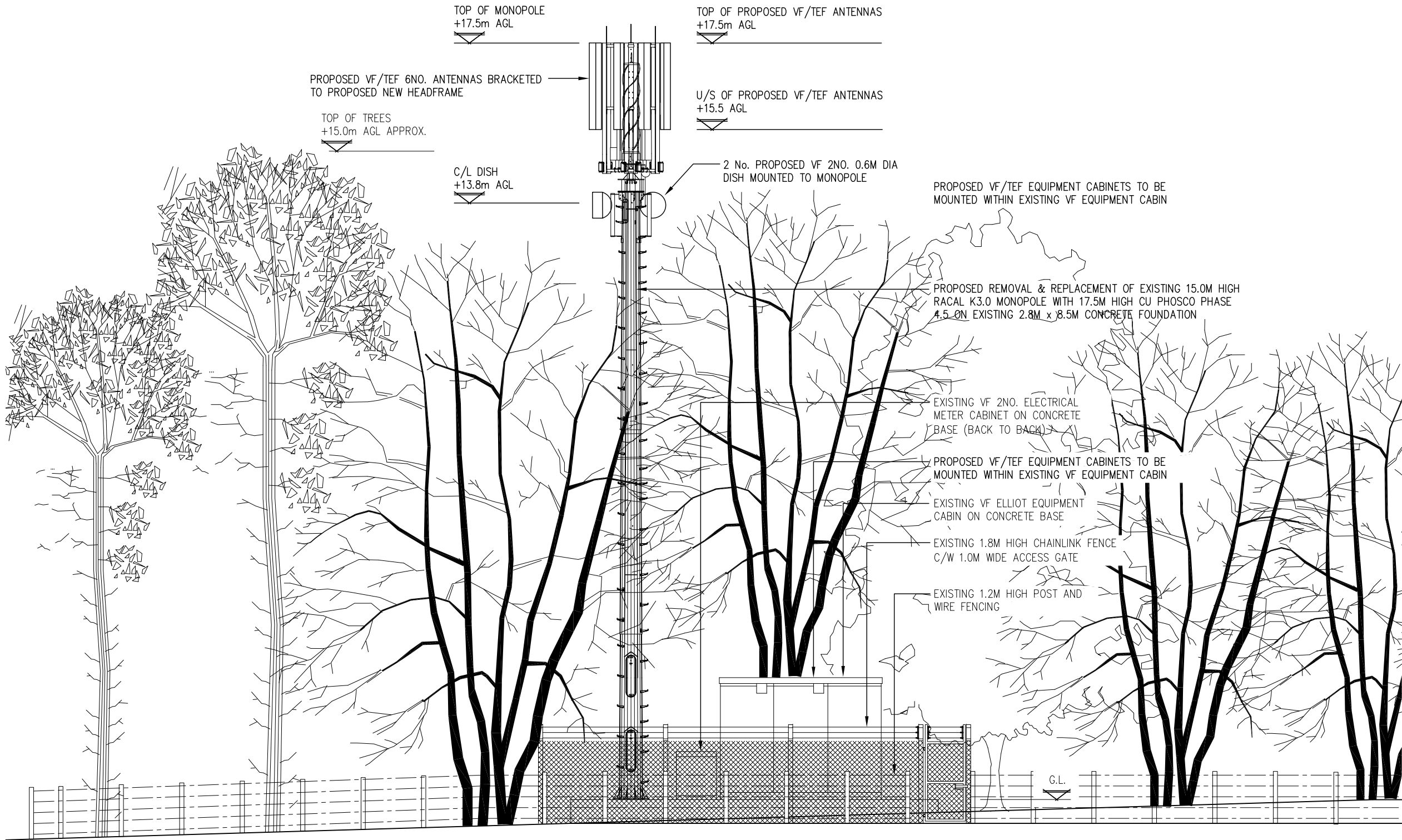



CTIL - BEACON

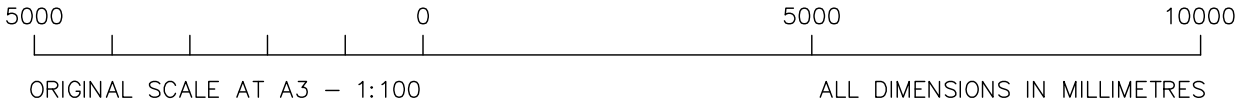
Cell Name			Opt.
CRABTREE GREEN			—
Cell ID No			
CTIL	TEF	VF	
125788	N/A	12024	
Site Address / Contact Details			
CRABTREE GREEN EYNTON WREXHAM LL13 OSP			
Drawing Title: PROPOSED SITE PLAN			
Purpose of Issue: PLANNING			
Drawing Number: 201			
Surveyed By: PM		Original Sheet Size: A3	Issue:
Drawn: RW	Date: 13.02.15	Checked: CY	Date: 13.02.15
			B



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE									
N.G.R		E: 335214		N: 345361					
CONCESSION REQUIRED						NO			
NOTES:									
B	NGR Amended					NB	CY	31.03.15	
A	Issued for Approval					RW	CY	23.12.14	
REV	MODIFICATION					BY	CH	DATE	
HUAWEI									
 vodafone CTIL - BEACON									
Cell Name								Opt.	
CRABTREE GREEN								-	
Cell ID No									
CTIL		TEF				VF			
125788		N/A				12024			
Site Address / Contact Details									
CRABTREE GREEN EYNTON WREXHAM LL13 OSP									
Drawing Title: EXISTING SITE ELEVATION									
Purpose of issue: PLANNING									
Drawing Number: 300									
Surveyed By: PM					Original Sheet Size: A3				Issue:
Drawn: RW		Date: 23.12.14		Checked: CY		Date: 23.12.14		B	



PROPOSED NORTH WEST ELEVATION
(1:100)



The drawings comply with CTIL Beacon Standard ICNIRP guidelines.
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N.G.R

E: 335214

N: 345361

CONCESSION REQUIRED

NO

NOTES: CONFIG REVISED TO SINGLE ANTENNA/NON-RRU DUE TO CURRENT STRUCTURE LIMITATIONS

B	NGR & Pole Amended/ Dishes added	NB	CY	31.03.15	
A	Issued for Approval	RW	CY	13.02.15	
REV	MODIFICATION	BY	CH	DATE	

 **HUAWEI**


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CTIL - BEACON

Cell Name

Opt.

CRABTREE GREEN

Cell ID No

CTIL

TEF

VF

125788

N/A

12024

Site Address / Contact Details

CRABTREE GREEN
EYNTON
WREXHAM
LL13 OSP

Drawing Title:
PROPOSED SITE ELEVATION

Purpose of Issue:
PLANNING

Drawing Number:
301

Surveyed By:
PM

Original Sheet Size:
A3

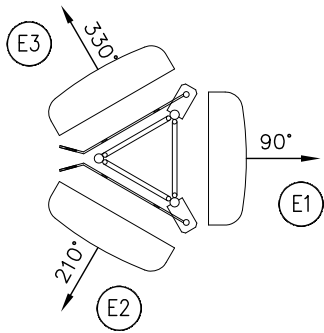
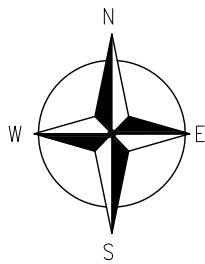
Issue:
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Drawn:
RW

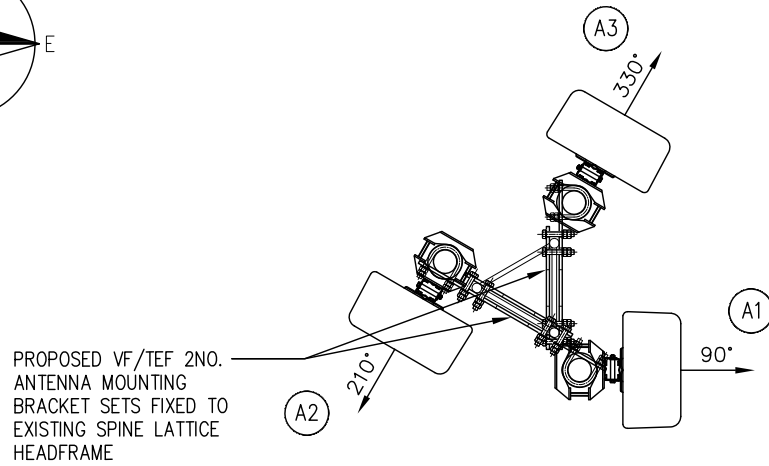
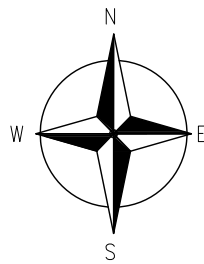
Date:
13.02.15

Checked:
CY

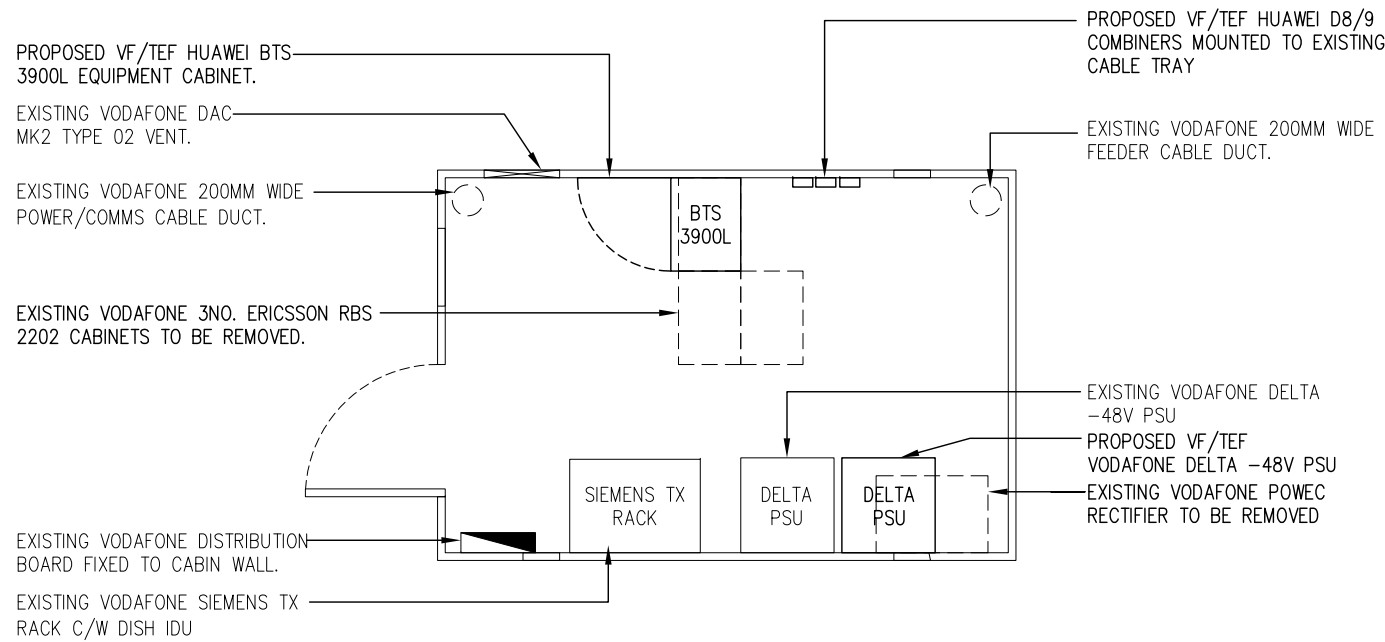
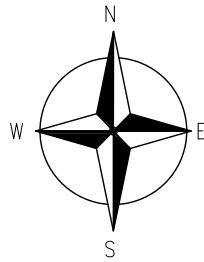
Date:
13.02.15



EXISTING VF ANTENNA PLAN
(1:20)



PROPOSED VF/TEF ANTENNA PLAN
(1:20)



PROPOSED EQUIPMENT LAYOUT
(1:50)

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE					
N.G.R		E: 335214		N: 345361	
CONCESSION REQUIRED				NO	
NOTES: NOTES: CONFIG REVISED TO SINGLE ANTENNA/NON-RRU DUE TO CURRENT STRUCTURE LIMITATIONS					
B	NGR & Dishes Amended			NB	CY 31.03.15
A	Issued for Approval			RW	CY 13.02.15
REV	MODIFICATION			BY	CH DATE



Cell Name			Opt.
CRABTREE GREEN			—
Cell ID No			
CTIL	TEF	VF	
125788	N/A	12024	
Site Address / Contact Details			
CRABTREE GREEN EYNTON WREXHAM LL13 OSP			
Drawing Title: ANTENNA & EQUIPMENT LAYOUT			
Purpose of issue: PLANNING			
Drawing Number: 400			
Surveyed By: PM		Original Sheet Size: A3	Issue:
Drawn: RW	Date: 13.02.15	Checked: CY	Date: 13.02.15
			B

[illegible]

EXISTING DISH KEY							
STATUS	OPERATOR	DISH REF	DISH DIA	BRG	C/LINE (AGL)	LINK No.	COMMENTS
EXISTING	VF	—	300ø	330°	14.5m	—	REMAIN

FUTURE DISH KEY							
STATUS	OPERATOR	DISH REF	DISH DIA	BRG	C/LINE (AGL)	LINK No.	COMMENTS
PROPOSED	VF/TEF	D1	0.6m	267°	13.8m	—	—
PROPOSED	VF/TEF	D2	0.6m	0°	13.8m	—	—

ANTENNA REFERENCE KEY		FUNCTION KEY		STATUS KEY		OPERATOR KEY		STREETPOLE FEEDER LENGTH & DIAMETER GUIDANCE NOTES
A=	ANTENNA GROUP (A–Z)	1=	SECTOR (2,3 etc)	NEW =	NEW ONTO SITE	VF =	VODAFONE	
1=	CELL No. (1, 2, 3)	U=	UMTS (G=GSM) (L=LTE)	EXISTING =	ON SITE AND NOT BEING MOVED	TEF =	TELEFONICA	
b=	UNIQUE BAND REFERENCE	21=	2100 BAND (09=0900,18=1800)	RE-USE =	ON SITE BUT BEING MOVED			
DISH	Dish (1–13)			REMOVE =	REMOVED FROM SITE			

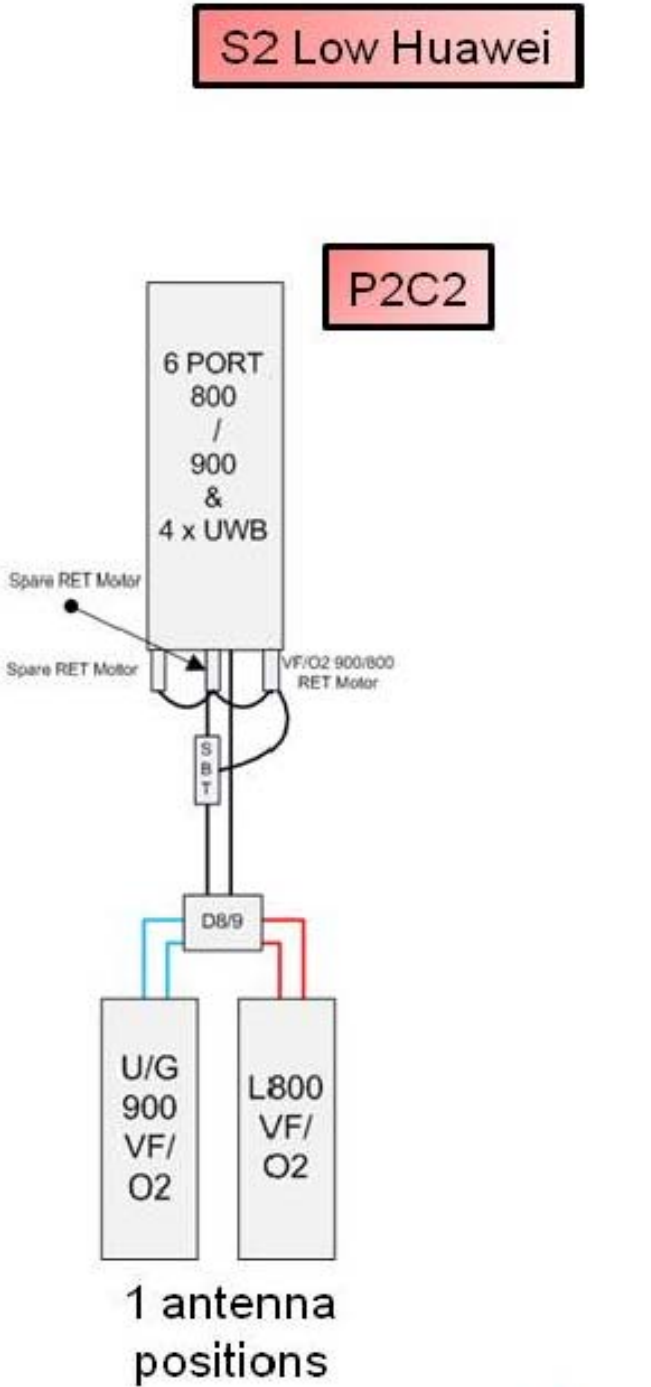
TOTAL DISTANCE MEASURED FROM ANTENNA (OR COMBINER) TO BTS CABINET. NOTE: THE TOTAL IS TO INCLUDE THE MAIN FEEDER PRE-RIGGED IN THE POLE. IF FEEDER DIAMETER VARIES THE LENGTHS ARE TO BE ITEMISED SEQUENTIALLY IN THE COLUMNS FROM THE ANTENNA (OR COMBINER) TO THE BTS AS FOLLOWS: MAIN FEEDER, MAIN FEEDER JUMPER 1, MAIN FEEDER JUMPER 2. TOTAL LENGTH. REFER TO POLE MANUFACTURER'S DOCUMENTATION FOR FEEDER SIZES WITHIN THE POLE.

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N.G.R		E: 335214		N: 345361	
CONCESSION REQUIRED			NO		
NOTES: NOTES: CONFIG REVISED TO SINGLE ANTENNA/NON-RRU DUE TO CURRENT STRUCTURE LIMITATIONS					
B	NGR & Dishes Amended		NB	CY	31.03.15
A	Issued for Approval		RW	CY	13.02.15
REV	MODIFICATION		BY	CH	DATE

 HUAWEI			
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Cell Name			Opt.
CRABTREE GREEN			—
Cell ID No			
CTIL	TEF	VF	
125788	N/A	12024	
Site Address / Contact Details			
CRABTREE GREEN EYNTON WREXHAM LL13 OSP			
Drawing Title: ANTENNA SCHEDULE			
Purpose of issue: PLANNING			
Drawing Number: 500			
Surveyed By: PM		Original Sheet Size: A3	Issue: B
Drawn: RW	Date: 13.02.15	Checked: CY	Date: 13.02.15

H- Low Capacity RU Low Band only.
VOD S_UK_SRB_304_221

- RRU at 900 only.
- L800 uses existing feeders.
- If only two feeders are available use a 800-900 MHz diplexer.
- On the 1 antenna position, a 4 port 800/900 & UWB antenna can be used in phase 1 if restricted by structural limitations
- RET Controlled via U9VF & L8 (2 antenna) & U9 (1 antenna).



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N.G.R		E: 335214		N: 345361	
CONCESSION REQUIRED				NO	
NOTES: NOTES: CONFIG REVISED TO SINGLE ANTENNA/NON-RRU DUE TO CURRENT STRUCTURE LIMITATIONS					
B	NGR Amended			NB	CY 31.03.15
A	Issued for Approval			RW	CY 13.02.15
REV	MODIFICATION			BY	CH DATE

SUPPORT STRUCTURE KEY						
EXISTING/ PROPOSED	HEIGHT	MANUFACTURER	TYPE	COLOUR (INCLUDE RAL CODE IF NON STANDARD) & FINISH (TIMBER ETC)	STATUS	COMMENTS
EXISTING	15.0m	RACAL	K3.0 MONOPOLE	GALVANISED	EXISTING	–

EQUIPMENT KEY.							
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE (WxDxH)	COLOUR (INCLUDE RAL CODE IF NON STANDARD)	STATUS	COMMENTS
EXISTING	VF	ELLIOT	EQUIPMENT CABIN	2510x3720x2820	GREEN	–	–
EXISTING	VF	ERICSSON	RBS2202	600x400x1900	WHITE	REMOVE	–
EXISTING	VF	ERICSSON	RBS2202	600x400x1900	WHITE	REMOVE	–
EXISTING	VF	ERICSSON	RBS2202	600x400x1900	WHITE	REMOVE	–
EXISTING	VF	POWEC	RECTIFIER	720x420x2140	WHITE	REMOVE	–
EXISTING	VF	DELTA	–48V PSU	600x610x1909	BLACK/SILVER	REMAIN	–
EXISTING	VF	SIEMENS	TX RACK	600x840x2160	GREY	REMAIN	–
PROPOSED	VF/TEF	HUAWEI	BTS3900L	600x450x1640	DARK GREY	NEW	–
PROPOSED	VF/TEF	DELTA	–48V PSU	600x610x1909	BLACK/SILVER	NEW	–

POWER SUPPLY/SOURCE							
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE (mm)	COLOUR (INCLUDE RAL CODE IF NON STANDARD)	STATUS	COMMENTS
EXISTING	VF	PORTASTOR	METER CABINET	900x330x1100	GREEN	EXISTING	REC SUPPLY
EXISTING	VF	PORTASTOR	METER CABINET	900x330x1100	GREEN	EXISTING	–

TRANSMISSION ENCLOSURE						COMMENTS
EXISTING/PROPOSED	ENCLOSURE	TRANSMISSION SOLUTION MICROWAVE ONLY/FIBRE ONLY (WITH PROVIDER NAME)/MICROWAVE+FIBRE (WITH PROVIDER NAME)	U SPACE AVAILABLE	CURRENT TRANSMISSION KIT LOCATION	PROPOSED TRANSMISSION KIT LOCATION	–
EXISTING	TX RACK	DISH	38U	X	–	
PROPOSED	TX RACK	FIBRE + DISH	38U	–	X	

COOLING INFORMATION					
EXISTING SYSTEM	EXISTING SYSTEM SUPPLIER	EXISTING RATING	EXISTING HEAT LOAD	PROPOSED HEAT LOAD	UPGRADE REQUIRED
DAC MK2 TYPE 2	4ENERGY	4.85kW	6.5kW	5.0Kw	YES

EQUIPMENT SCHEDULE

NTS

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E: 335214

N: 345361

CONCESSION REQUIRED

NO

NOTES:
REFER TO CTIL DOCUMENT SDN0001 SECTION 5.2 FOR A POPULATED EXAMPLE OF THE TABLE.

ADDITIONAL ACTIVITIES REQ'D
PLEASE MARK WITH A ✓

UTILITY SEARCHES	
GPR SCAN	
TRIAL HOLE	
GDC LEVEL 1 (DESKTOP)	
GDC LEVEL 2 (MANUFACTURER)	✓
GDC LEVEL 3 (CLIMB & CALCS)	
GEOTECHNICAL SURVEY	
DNO QUOTE	
INVESTIGATIVE WORKS	
PSU LOADING SURVEY/SOLUTION	
ASBESTOS REPORT	
ELECTRICAL LOAD TEST	
STUD HARDNESS TEST	✓

B	NGR Amended	NB	CY	31.03.15
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REV	MODIFICATION	BY	CH	DATE

HUAWEI

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CTIL - BEACON

Cell Name

CRABTREE GREEN

Cell ID No

CTIL	TEF	VF
125788	N/A	12024

Site Address / Contact Details

CRABTREE GREEN
EYNTON
WREXHAM
LL13 OSP

Drawing Title:

EQUIPMENT SCHEDULE

Purpose of issue:

PLANNING

Drawing Number:

502

Surveyed By:	Original Sheet Size:	Issue:		
PM	A3			
Drawn:	Date:	Checked:	Date:	B
RW	13.02.15	CY	13.02.15	