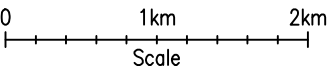
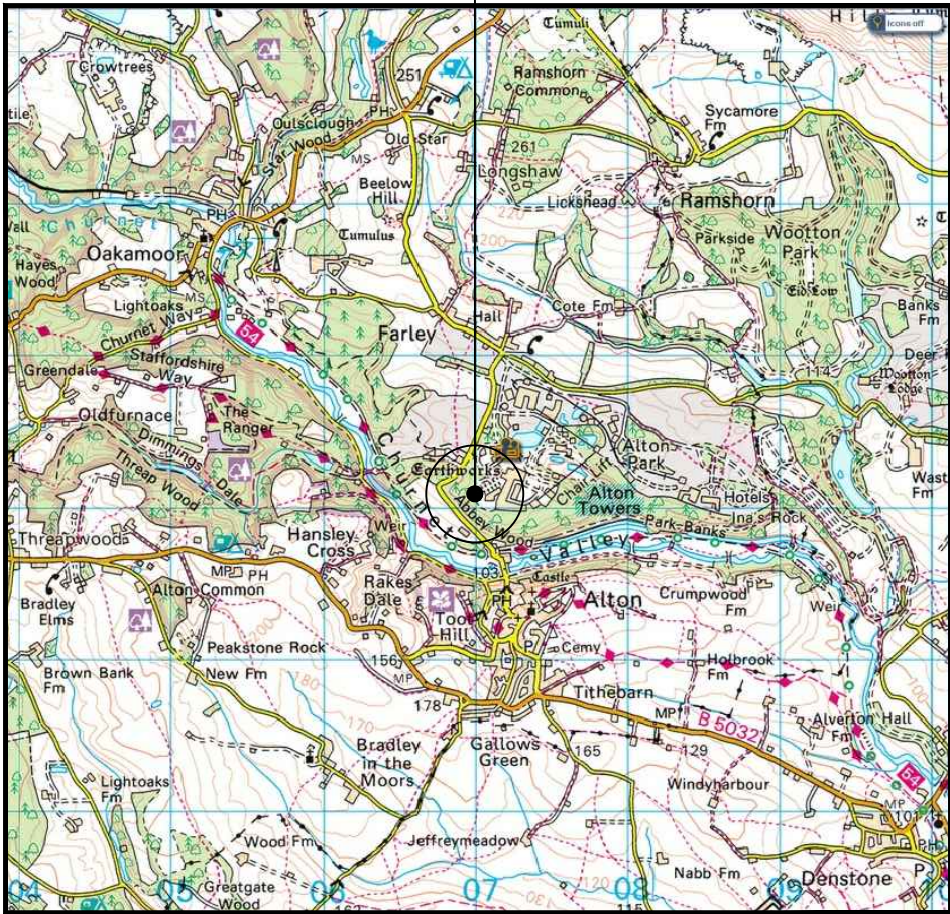


[illegible]

SITE LOCATION

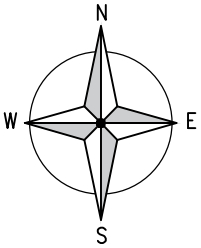


SITE LOCATION  
(Scale 1:50000)

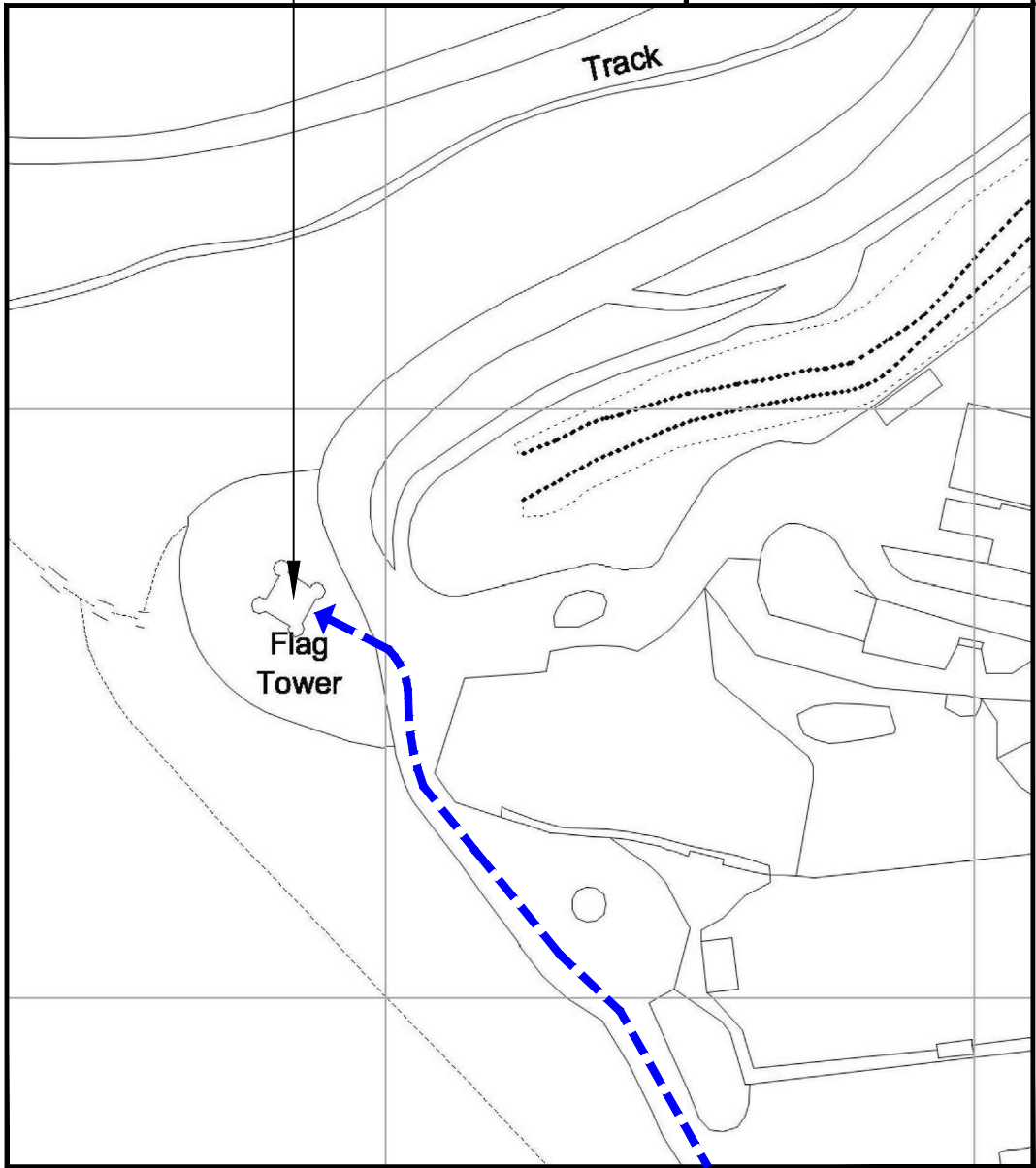
Ordnance Survey map extract  
based upon Landranger map series  
with the permission of the controller of  
Her Majesty's Stationery Office  
Licence No. 0100023487  
Crown copyright.



SITE PHOTOGRAPH

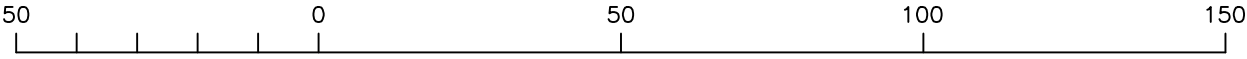


SITE LOCATION



DETAILED SITE LOCATION  
(Scale 1:1250)

Based upon Ordnance Survey map extract  
with the permission of the Controller of  
Her Majesty's Stationery Office.  
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ORIGINAL SCALE AT A3 – 1:1250

ALL DIMENSIONS IN METRES

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 406981 N: 343069

CONCESSION REQUIRED NO

NOTES:

- "DESIGN SUBJECT TO CHANGES PENDING STRUCTURAL ANALYSIS"

DIRECTIONS TO SITE:  
HIGH ST ALTON, STOKE-ON-TRENT ST10 4AQ, UK. HEAD SOUTH-WEST ON HIGH ST TOWARDS MALTHOUSE RD. TURN RIGHT ONTO MALTHOUSE RD. SLIGHT RIGHT ONTO NEW RD. CONTINUE ONTO FARLEY LN. ALTON TOWERS. ALTON, STAFFORDSHIRE ST10 4DB, UK.

A	Issued for Approval – GA's	ALS	NOB	15.07.15
REV	MODIFICATION	BY	CH	DATE



Cell Name Opt.

ALTON TOWERS OLD FLAG TOWER –

Cell ID No

CTIL TEF VF

120839 000293 88510

Site Address / Contact Details

OLD FLAG TOWER  
ALTON TOWERS LEISURE PARK  
ALTON  
STAFFORDSHIRE  
ST10 4BZ

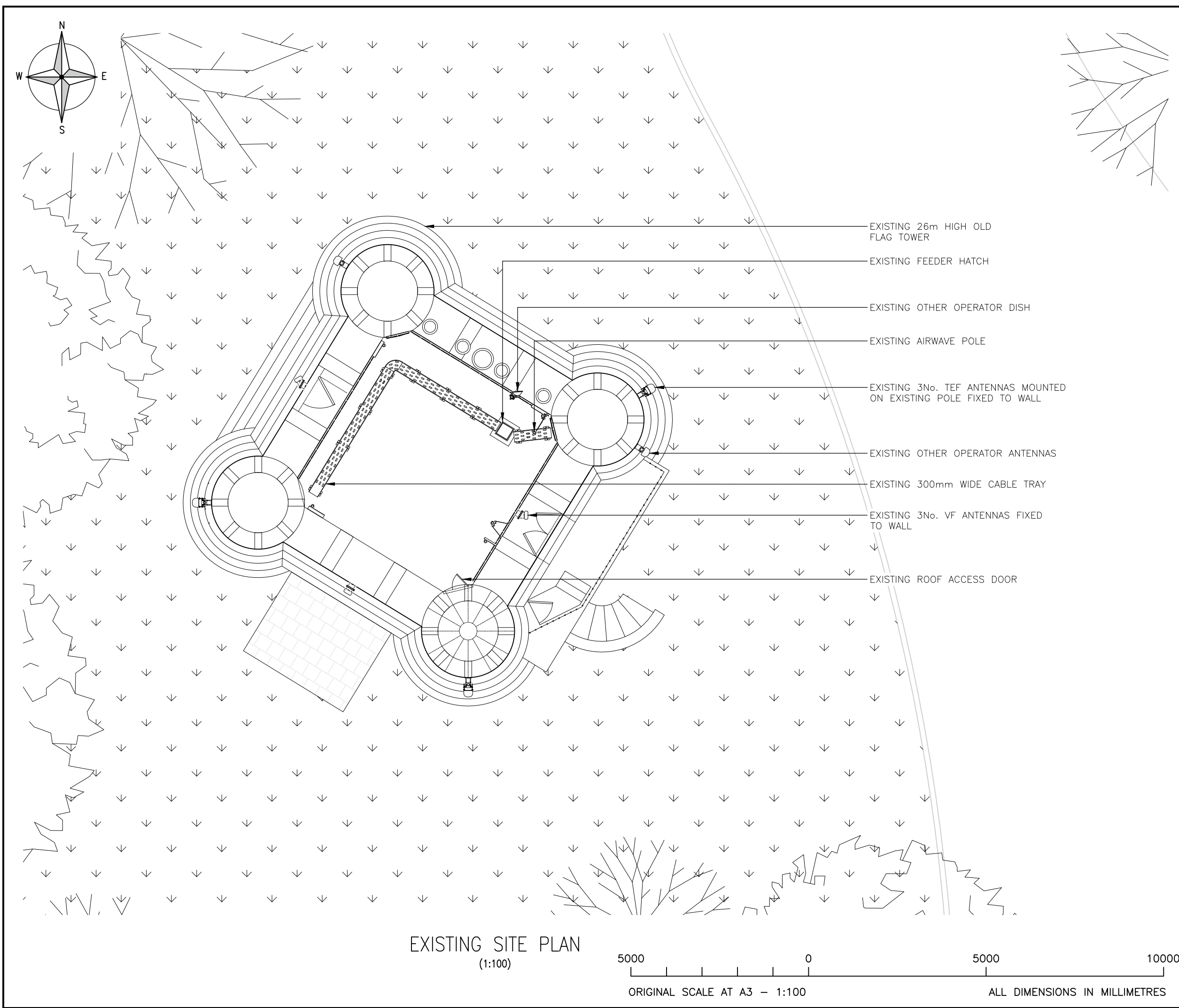
Drawing Title:  
SITE LOCATION MAPS

Purpose of issue:  
PLANNING

Drawing Number:  
100

Surveyed By:	TM	Original Sheet Size:	A3	Issue:
Drawn:	ALS	Date:	15.07.15	A
Checked:	NOB	Date:	15.07.15	





ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E: 406981	N: 343069
CONCESSION REQUIRED		NO

NOTES:

- "DESIGN SUBJECT TO CHANGES PENDING STRUCTURAL ANALYSIS"

A	Issued for Approval – GA's	ALS	NOB	15.07.15
REV	MODIFICATION	BY	CH	DATE

HUAWEI

O<sub>2</sub>  
CTIL - BEACON

Cell Name			Opt.
ALTON TOWERS OLD FLAG TOWER			–
Cell ID No			
CTIL	TEF	VF	
120839	000293	88510	

Site Address / Contact Details

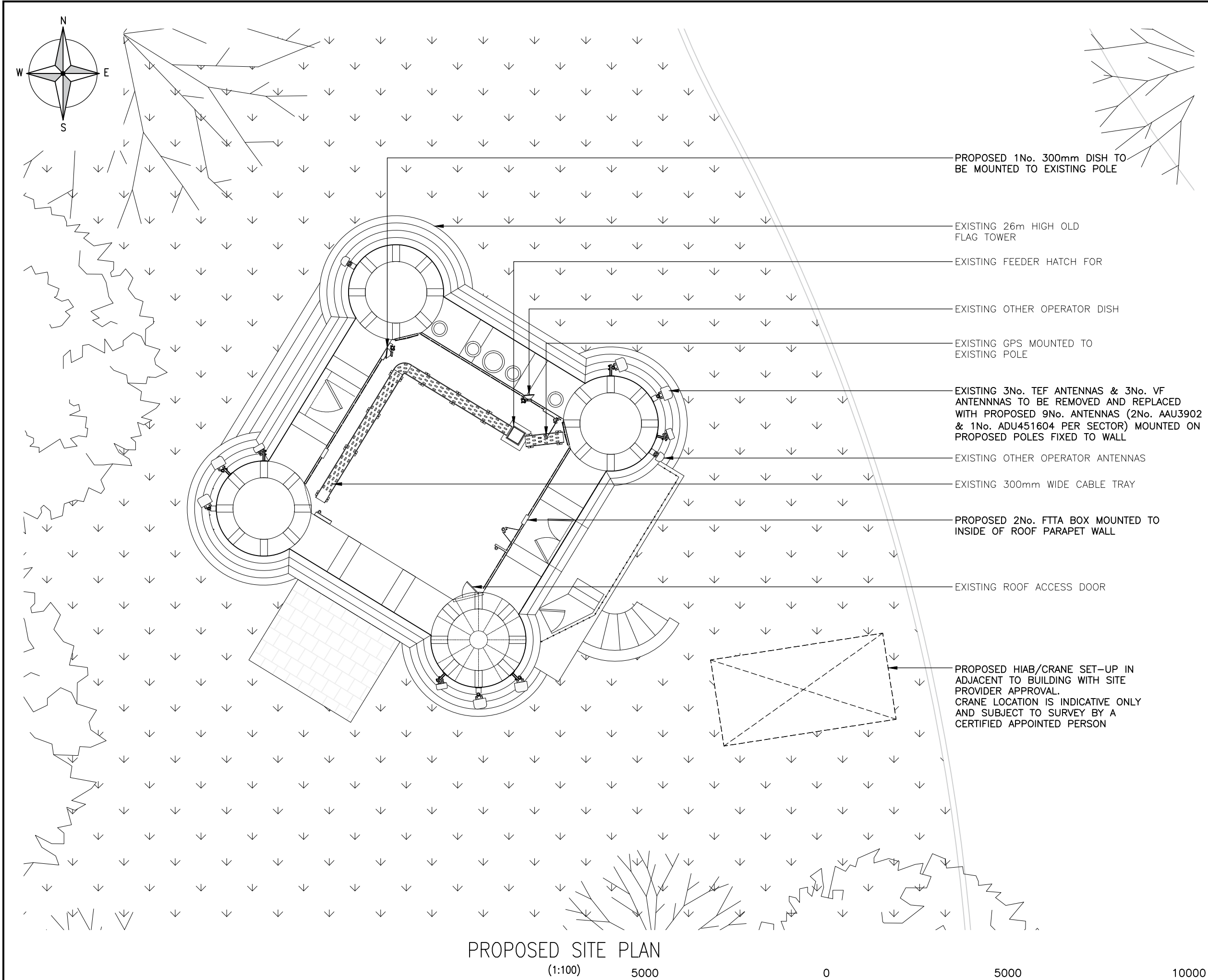
OLD FLAG TOWER  
ALTON TOWERS LEISURE PARK  
ALTON  
STAFFORDSHIRE  
ST10 4BZ

Drawing Title:  
EXISTING SITE PLAN

Purpose of issue:  
PLANNING

Drawing Number:  
200

Surveyed By: TM		Original Sheet Size: A3		Issue:
Drawn: ALS	Date: 15.07.15	Checked: NOB	Date: 15.07.15	A



PROPOSED SITE PLAN

(1:100)

5000

0

5000

10000

ORIGINAL SCALE AT A3 – 1:100

ALL DIMENSIONS IN MILLIMETRES

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: 406981 N: 343069

CONCESSION REQUIRED NO

NOTES:

- "DESIGN SUBJECT TO CHANGES PENDING STRUCTURAL ANALYSIS"

A	Issued for Approval – GA's	ALS	NOB	15.07.15
REV	MODIFICATION	BY	CH	DATE



Cell Name Opt.

ALTON TOWERS OLD FLAG TOWER –

Cell ID No

CTIL TEF VF

120839 000293 88510

Site Address / Contact Details

OLD FLAG TOWER  
ALTON TOWERS LEISURE PARK  
ALTON  
STAFFORDSHIRE  
ST10 4BZ

Drawing Title: PROPOSED SITE PLAN

Purpose of issue: PLANNING

Drawing Number: 201

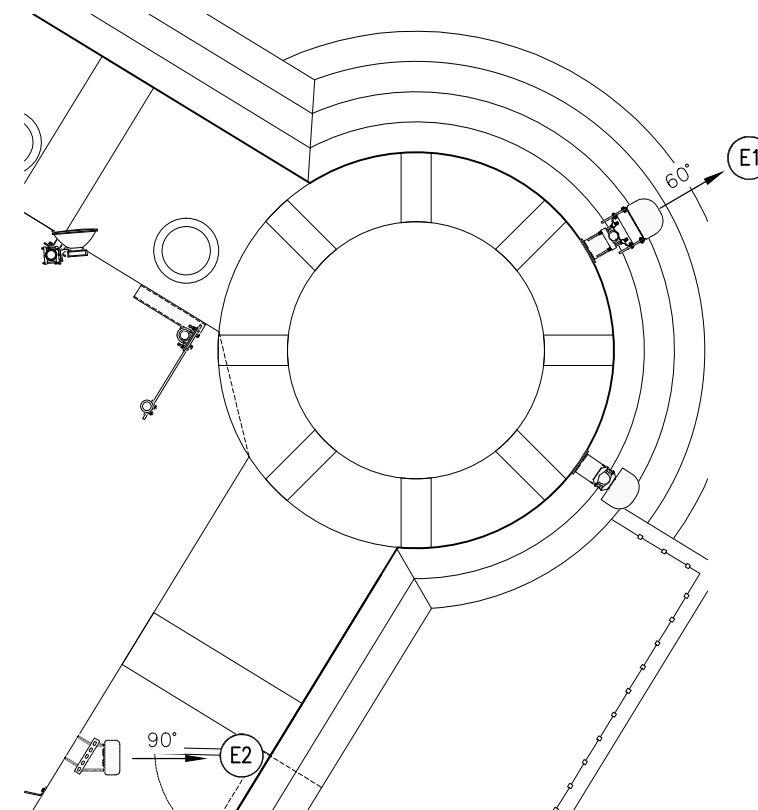
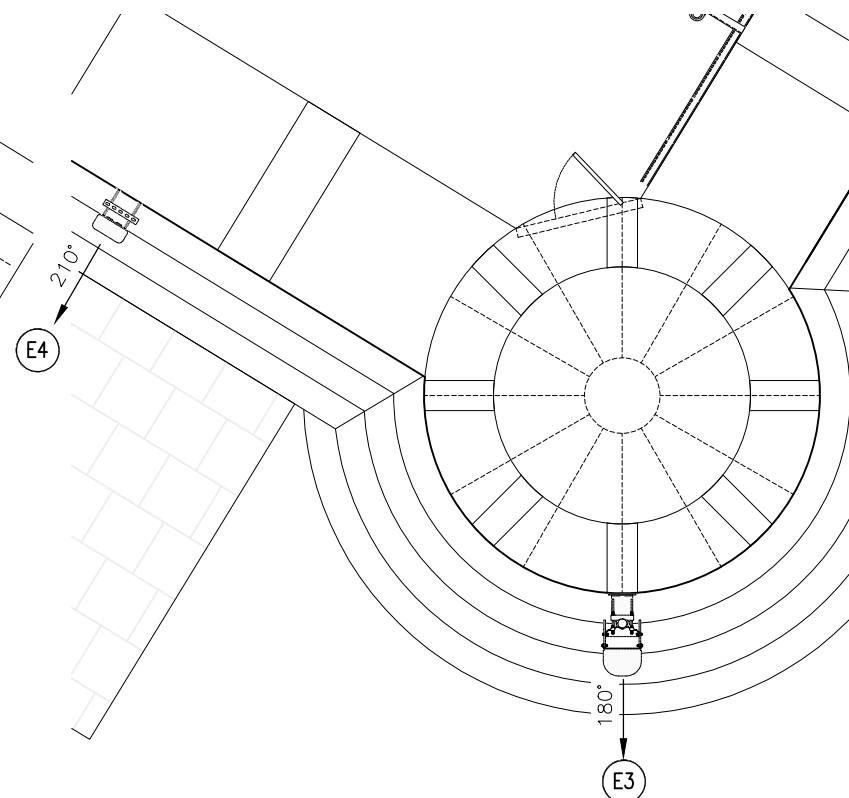
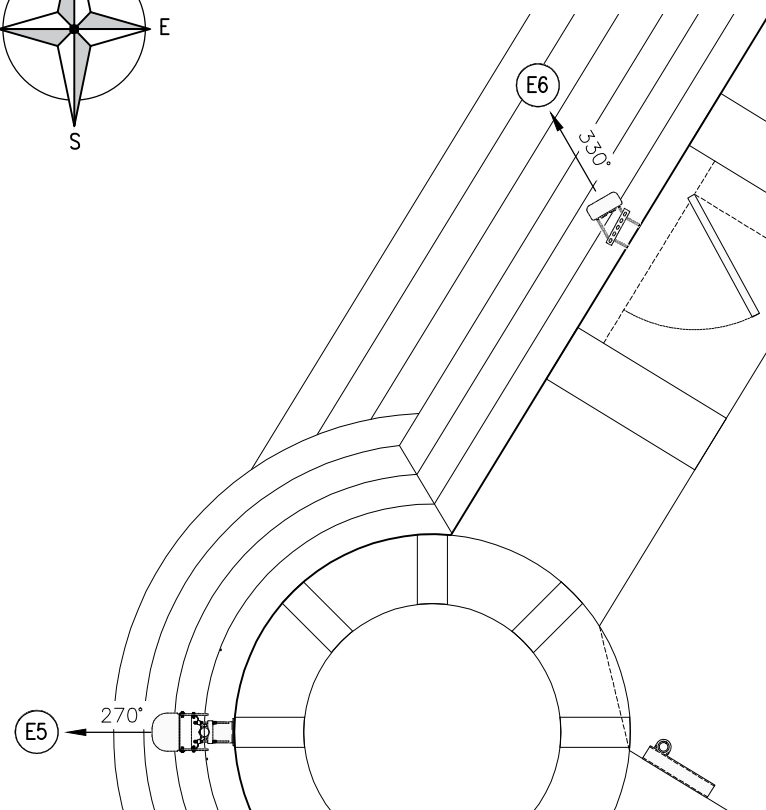
Surveyed By: TM Original Sheet Size: A3 Issue: A

Drawn: ALS Date: 15.07.15 Checked: NOB Date: 15.07.15

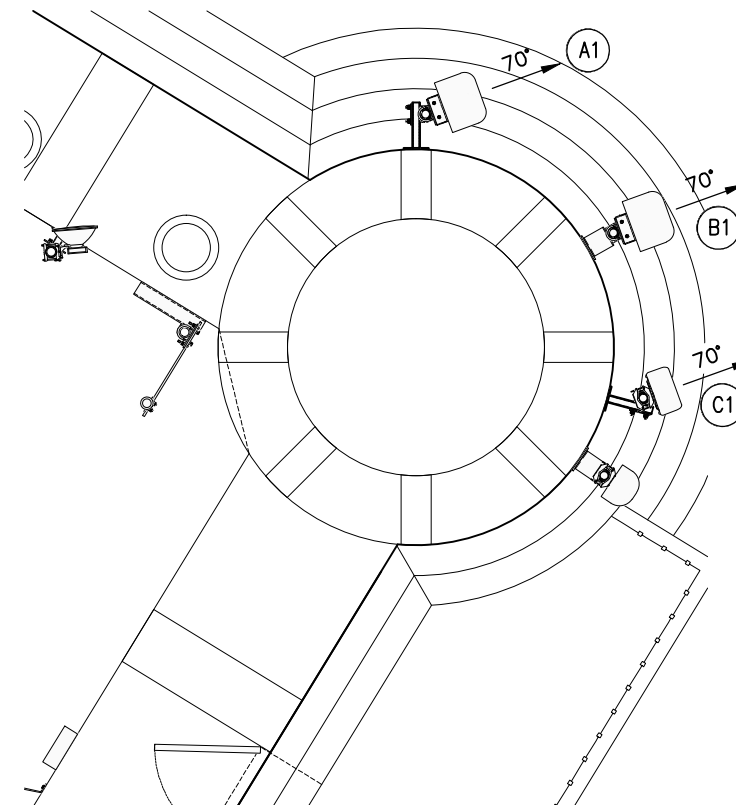
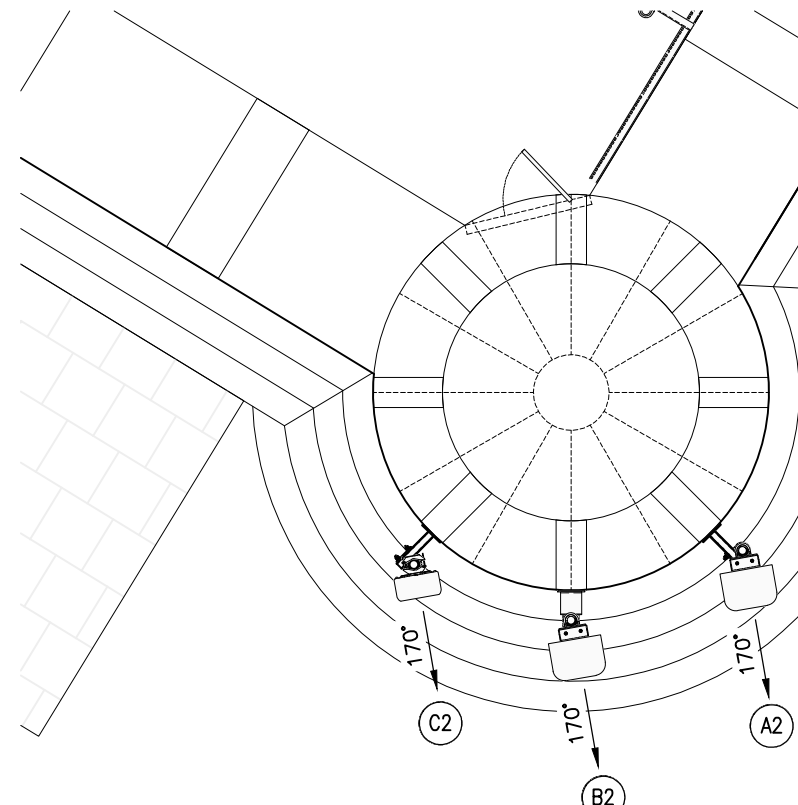
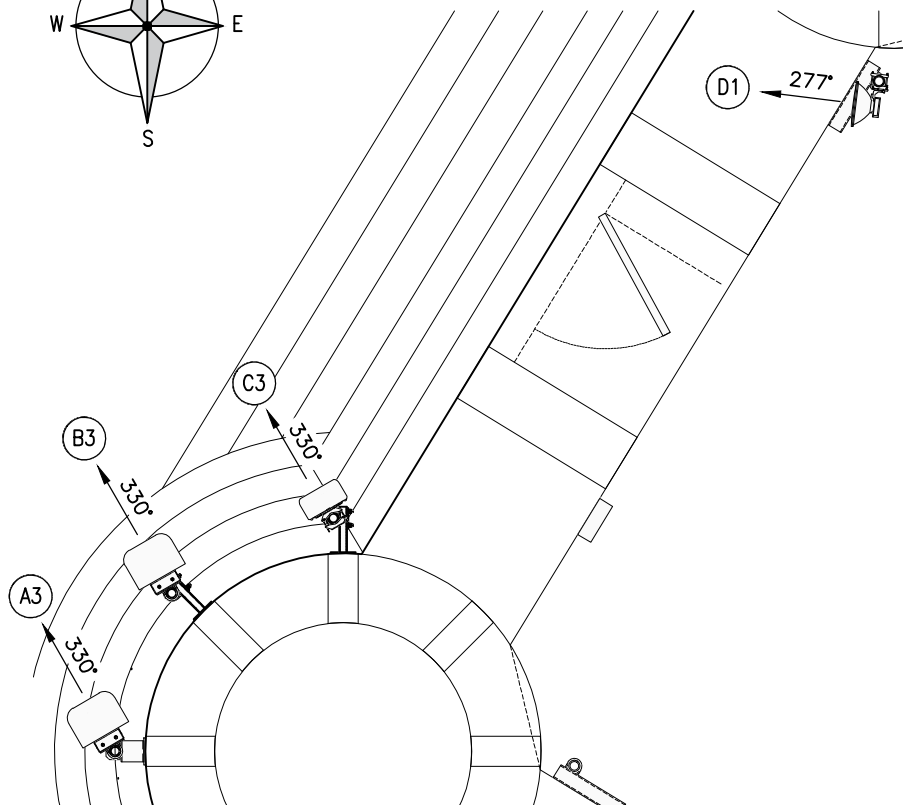








PROPOSED ANTENNA PLAN  
(1:100)



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE				
N.G.R		E: 406981		N: 343069
CONCESSION REQUIRED			NO	
A	Issued for Approval – GA's	ALS	NOB	15.07.15
REV	MODIFICATION	BY	CH	DATE



CTIL - BEACON

Cell Name		Opt.
ALTON TOWERS OLD FLAG TOWER		-
Cell ID No		
CTIL	TEF	VF
120839	000293	88510

Site Address / Contact Details	
Site Address	Contact Details

OLD FLAG TOWER  
ALTON TOWERS LEISURE PARK  
ALTON  
STAFFORDSHIRE  
ST10 4BZ

Drawing Title: ANTENNA LAYOUT

Purpose of issue:	PLANNING
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Drawing Number: 400

Surveyed By: TM		Original Sheet Size: A3		Issue:  A
Drawn: ALS	Date: 15.07.15	Checked: NOB	Date: 15.07.15	



Surveyed By: TM		Original Sheet Size: A3		Issue:
Drawn: ALS	Date: 15.07.15	Checked: NOR	Date: 15.07.15	A



[illegible]

### S3 High Huawei

- 
- Diagram illustrating the connection of three antenna positions to AAU3902 units:
- Antenna Position 1 (Left):**
    - AAU3902 unit connected to U21 VF and U/G 900 VF antennas.
    - RET controlled VF 2100 VF 900 connection.
  - Antenna Position 2 (Middle):**
    - AAU3902 unit connected to U21 O2 and U/G 900 O2 antennas.
    - RET controlled O2 2100 VF/O2 1800 VF/O2 800/900 connection.
  - Antenna Position 3 (Right):**
    - AAU3902 unit connected to L800 VF/O2 antenna.
    - 4 PORT 800 / 900 & UWB unit connected to the L800 VF/O2 antenna.
    - Spare RET connection.
    - SBT connection.
    - VF/O2 900/800 RET Motor connection.
- 3 antenna positions

P2C1



IM		A3		A
Drawn: ALS	Date: 15.07.15	Checked: NOB	Date: 15.07.15	

SUPPORT STRUCTURE KEY										
EXISTING/ PROPOSED	HEIGHT	MANUFACTURER	TYPE	COLOUR (INCLUDE RAL CODE IF NON STANDARD) & FINISH (TIMBER ETC)	STATUS	STREETWORKS HATCH HEIGHT ABOVE G/L	STREETWORKS HATCH BEARING	STREETWORKS* USE EXISTING ROOT?	STREETWORKS* IF EXISTING ROOT IS TOO DEEP SPECIFY SOLUTION REQ'D	COMMENTS
EXISTING	26m	–	OLD FLAG TOWER	–	–	–	N/A	NO	N/A	N/A
PROPOSED	–	–	WALL STAND–OFFS	GREY	–	–	N/A	NO	N/A	6No. REQUIRED
PROPOSED	26m	SWANN DIRECT	(AMP 76/3/2500)	GREY	–	–	N/A	NO	N/A	9No. REQUIRED

EQUIPMENT KEY.							
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE (WxDxH)	COLOUR (INCLUDE RAL CODE IF NON STANDARD)	STATUS	COMMENTS
EXISTING	VF	ERICSSON	RBS2202	0.60x0.40x1.90m	–	REMOVE	2No.
EXISTING	VF	–	HARMER & SIMMONS	–	–	REMOVE	1No.
EXISTING	VF	–	RACK	0.80x0.60x1.0m	–	REMOVE	1No.
EXISTING	TEF	ELTEK	FP2	0.60x0.60x1.50m	–	REMOVE	1No.
EXISTING	TEF	ERICSSON	RBS UNIT	0.60x0.40x1.90m	–	REMOVE	1No.
EXISTING	TEF	NOKIA	ULTRASITE	0.60x0.60x1.94m	–	REMOVE	2No.
EXISTING	TEF	NOKIA	–48U PSU	0.77x0.79x1.94m	–	REMOVE	1No.
EXISTING	TEF	TELLNET	MEGA STREAM	0.60x0.60x1.90m	–	REMOVE	1No.
PROPOSED	TEF	HUAWEI	BTS3900L	0.60x0.45x1.60m	–	NEW	2No. REQUIRED
PROPOSED	TEF	HUAWEI	PSU	0.60x0.45x1.80m	–	NEW	2No. REQUIRED
PROPOSED	TEF	HUAWEI	TX RACK	0.60x0.60x2.0m	–	NEW	1No. REQUIRED

POWER SUPPLY/SOURCE							
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE (mm)	COLOUR (INCLUDE RAL CODE IF NON STANDARD)	STATUS	COMMENTS
EXISTING	TEF/VF	–	METER CABINET	–	–	REMAIN	3 PHASE

TRANSMISSION ENCLOSURE						COMMENTS	TRANSMISSION INTER–CABINET CABLING			
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	–	CABLE TYPE	CABLE LENGTH	RADIO CONNECTION	TRANSMISSION CONNECTION
EXISTING	BT CABINET	FIBRE ONLY (BT)	3U	X			–	–	–	–
EXISTING	MEGA STREAM	FIBRE ONLY	15U	X			–	–	–	–
PROPOSED	TX RACK	MICROWAVE+FIBRE (BT)	42U		X		–	–	–	–

COOLING INFORMATION					
EXISTING SYSTEM	EXISTING SYSTEM SUPPLIER	EXISTING RATING	EXISTING HEAT LOAD	PROPOSED HEAT LOAD	UPGRADE REQUIRED
TOSHIBA	MITSUBISHI	7.5kW	9.7kW	14.0Kw	YES

EQUIPMENT SCHEDULE  
NTS

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E: 406981

N: 343069

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	
RT CALCS L2	✓
PULL TEST	✓

A	Issued for Approval – GA's	ALS	NOB	15.07.15
REV	MODIFICATION	BY	CH	DATE

HUAWEI

O<sub>2</sub>

CTIL - BEACON

Cell Name

Opt.

ALTON TOWERS OLD FLAG TOWER

–

Cell ID No

CTIL

TEF

VF

120839

000293

88510

Site Address / Contact Details

OLD FLAG TOWER  
ALTON TOWERS LEISURE PARK  
ALTON  
STAFFORDSHIRE  
ST10 4BZ

Drawing Title:

EQUIPMENT SCHEDULE

Purpose of issue:

PLANNING

Drawing Number:

502

Surveyed By:

TM

Original Sheet Size:

A3

Issue:

Drawn:

ALS

Date:

15.07.15

Checked:

NOB

Date:

15.07.15

A