

DETAILED SITE LOCATION
(Scale 1:2500)

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NGR: E406985 N343069

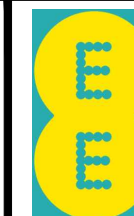


REV	DESCRIPTION	BY	DATE	CHKD
P2	Plan Amended	TC	08.02.16	-
P1	GA Issued For Approval	TC	20.10.15	LB

LOCATION PLANS
ADDRESS
ALTON TOWERS (TM0)
ALTON, STOKE-ON-TRENT,
STAFFORDSHIRE, ST10 4DB

SCALE	DRAWN	CHECKED	APPROVED
As Shown	BCL	LB	ST
DATE	DATE	DATE	DATE
19.08.14	19.08.14	19.08.14	19.08.14

DRAWING NUMBER
100



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW

Tel 01707 315000
Fax 01707 319001

EE CELL REFERENCE
93930 -
MBNL CELL ID
STM009

NOMINATION REF: 93930_(2014-05-13)_NSN

EXISTING EE 2G CABINET TO BE REMOVED
ON COMPLETION

EXISTING EE PSU CABINET.

EXISTING 12No. FEEDERS WITHIN EXISTING EE CABLE
MANAGEMENT SYSTEM TO BE TESTED & RE-USED.

EXISTING CABIN LAYOUT

SCALE 1:50

EQUIPMENT CABIN COOLING TO BE UPGRADED WITH
THE INSTALLATION OF ADDITIONAL FANS WHERE
REQUIRED. - (SEE DWG 106.)

NOTE: EXISTING OVERHEAD
CABLE LADDER NOT SHOWN
FOR CLARITY.

PROPOSED EE 2G/4G FCIA CABINET TO BE
HOUSED WITHIN EXISTING CABIN

EXISTING EE 2G CABINET TO BE REMOVED
ON COMPLETION

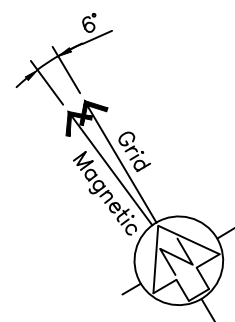
PROPOSED FEEDER ROUTES.

EXISTING EE PSU CABINET.

EXISTING 12No. FEEDERS WITHIN EXISTING EE CABLE
MANAGEMENT SYSTEM TO BE TESTED & RE-USED.

PROPOSED CABIN LAYOUT

SCALE 1:50



ELEVATION C
(See Drawing No. 93930/GA/102)

EXISTING EE CABIN
ON STEEL SUPPORT

EXISTING EE 3G FLEXI
STACK ON STEEL
GRILLAGE

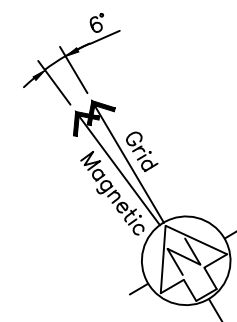
EXISTING EE
ELECTRICITY
SUPPLY WITHIN
TURRET

ELEVATION B
(See Drawing No. 93930/GA/102)

EXISTING SITE PLAN

SCALE 1:100

ELEVATION A
(See Drawing No. 93930/GA/102)



ELEVATION C
(See Drawing No. 93930/GA/102)

EXISTING EE CABIN
ON STEEL SUPPORT

EXISTING EE 3G FLEXI
STACK ON STEEL
GRILLAGE

EXISTING EE
ELECTRICITY
SUPPLY WITHIN
TURRET

ELEVATION B
(See Drawing No. 93930/GA/102)

PROPOSED SITE PLAN

SCALE 1:100

ELEVATION A
(See Drawing No. 93930/GA/102)

NOTE: EXISTING 12No. FEEDERS
WITHIN EXISTING EE CABLE
MANAGEMENT SYSTEM TO BE
TESTED & RE-USED.

P2	Existing Details Added	TC	08.02.16	-	
P1	GA Issued For Approval	BCL	19.08.14	LB	
REV	DESCRIPTION	BY	DATE	CHKD	

SITE PLANS EXISTING/PROPOSED

ADDRESS
ALTON TOWERS (TM0)
ALTON, STOKE-ON-TRENT,
STAFFORDSHIRE, ST10 4DB

SCALE	DRAWN BCL	CHECKED LB	APPROVED ST
As Shown	DATE 19.08.14	DATE 19.08.14	DATE 19.08.14

DRAWING NUMBER	EE CELL REFERENCE	MBNL CELL ID
101	93930 -	STM009



NOTE: EXISTING 3No 1800 MHA'S TO BE REMOVED. 3No 2100 TO BE RETAINED.
PROPOSED 3No G1800/L1800 TO BE ADDED FIXED TO INSIDE OF PARAPET WALL (SEE DWG 104)

NOTE: PROPOSED EE 2G/4G FCIA CABINET (NSN FLEXI MODULES WITH INTEGRATED COMBINERS) FIXED WITHIN EXISTING CABIN.

EXISTING 1No. 600mm Ø EE DISH. (D1)

EXISTING OTHER
USERS ANTENNAS

TOP OF EXISTING EE
ANTENNAS 26.65M AGL.

GROUND LEVEL (GL)

ELEVATION 'A'

ELEVATION 'B'

ELEVATION 'C'

EXISTING SITE ELEVATIONS
SCALE 1:200

CLARKE
telecom

Partington House, Stock Lane, Chadderton,
Oldham, OL9 9EY
Tel: 0161 785 4500
Fax: 0161 785 4501
Web: www.clarke-telecom.com

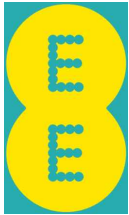
NOMINATION REF: 93930_(2014-05-13)_NSN

P2	Elevations Added	TC	20.10.15	LB
P1	GA Issued For Approval	BCL	19.08.14	LB
REV	DESCRIPTION	BY	DATE	CHKD

EXISTING ELEVATIONS
ADDRESS
ALTON TOWERS (TM0)
ALTON, STOKE-ON-TRENT,
STAFFORDSHIRE, ST10 4DB

SCALE	DRAWN BCL	CHECKED LB	APPROVED ST
As Shown	DATE 19.08.14	DATE 19.08.14	DATE 19.08.14

DRAWING NUMBER
102



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW

Tel 01707 315000
Fax 01707 319001

EE CELL REFERENCE 93930 -	MBNL CELL ID STM009
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NOTE: EXISTING 3No 1800 MHA'S TO BE REMOVED. 3No 2100 TO BE RETAINED.
PROPOSED 3No G1800/L1800 TO BE ADDED FIXED TO INSIDE OF PARAPET WALL. (SEE DWG 104)

PROPOSED 1No. 300mm Ø EE DISH. (D2 @ 82°)

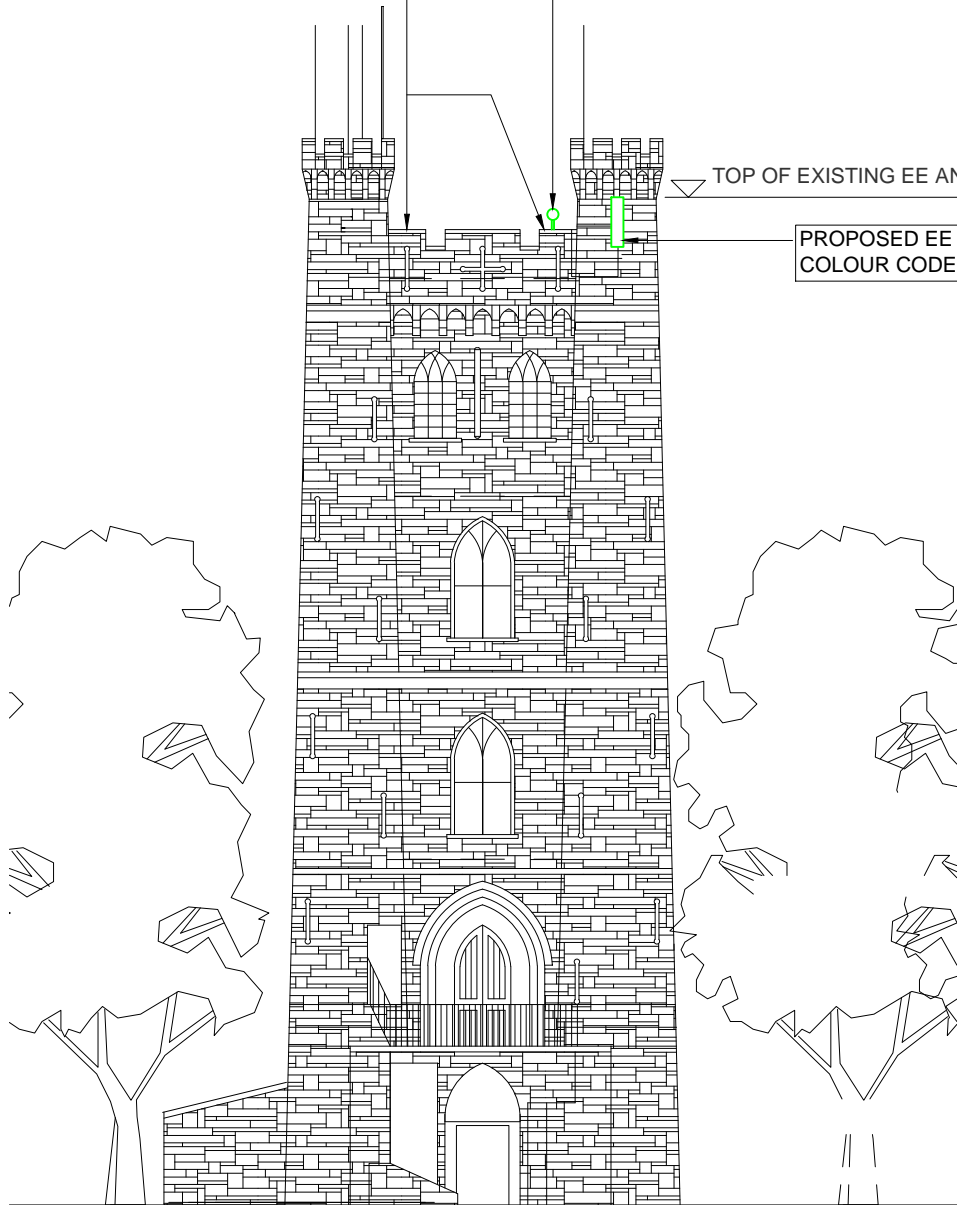
TOP OF EXISTING EE ANTENNAS 26.65M AGL.

PROPOSED EE 3No. ANTENNAS TO BE COLOUR CODED AS PER EXISTING

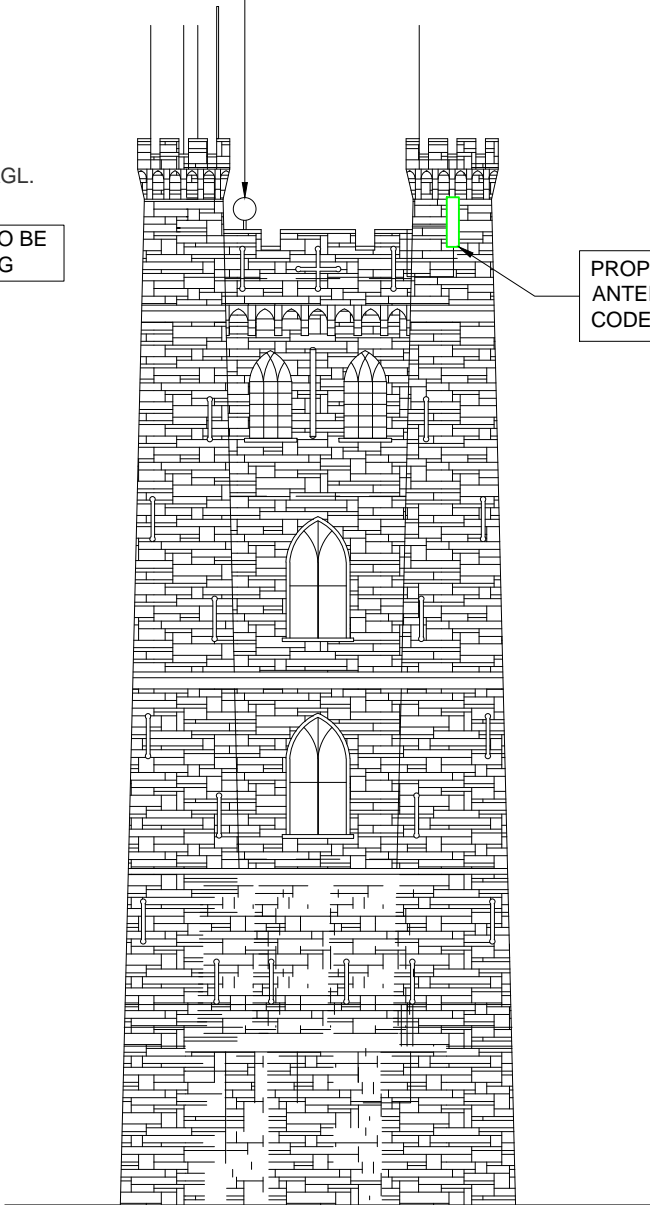
EXISTING 1No. 600mm Ø EE DISH. (D1)

PROPOSED EE 3No. ANTENNAS TO BE COLOUR CODED AS PER EXISTING

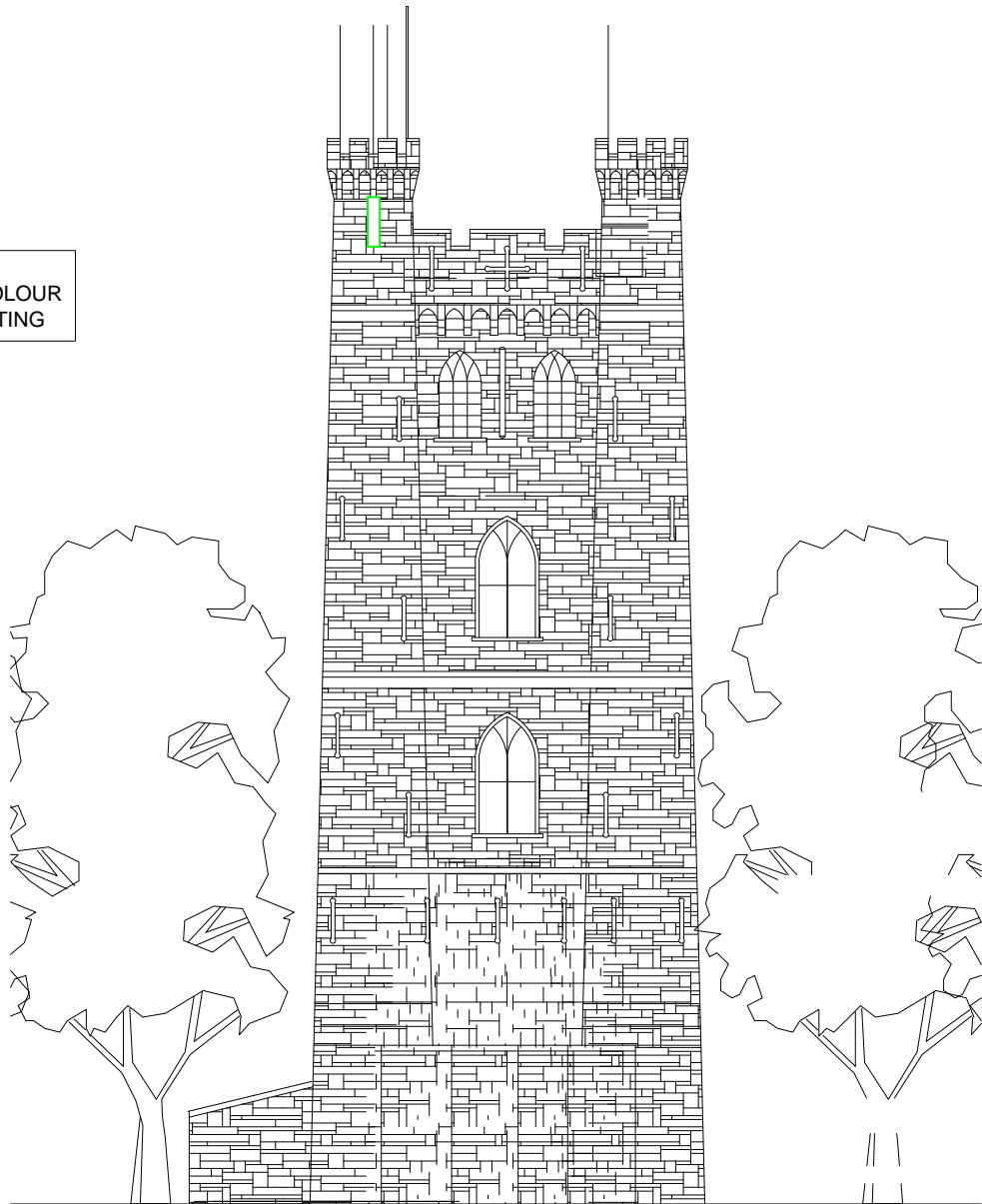
NOTE: PROPOSED EE 2G/4G FCIA CABINET (NSN FLEXI MODULES WITH INTEGRATED COMBINERS) FIXED WITHIN EXISTING CABIN.



ELEVATION 'A'



ELEVATION 'B'



ELEVATION 'C'

PROPOSED SITE ELEVATIONS
SCALE 1:200



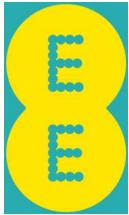
NOMINATION REF: 93930_(2014-05-13)_NSN

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REV	DESCRIPTION	BY	DATE	CHKD

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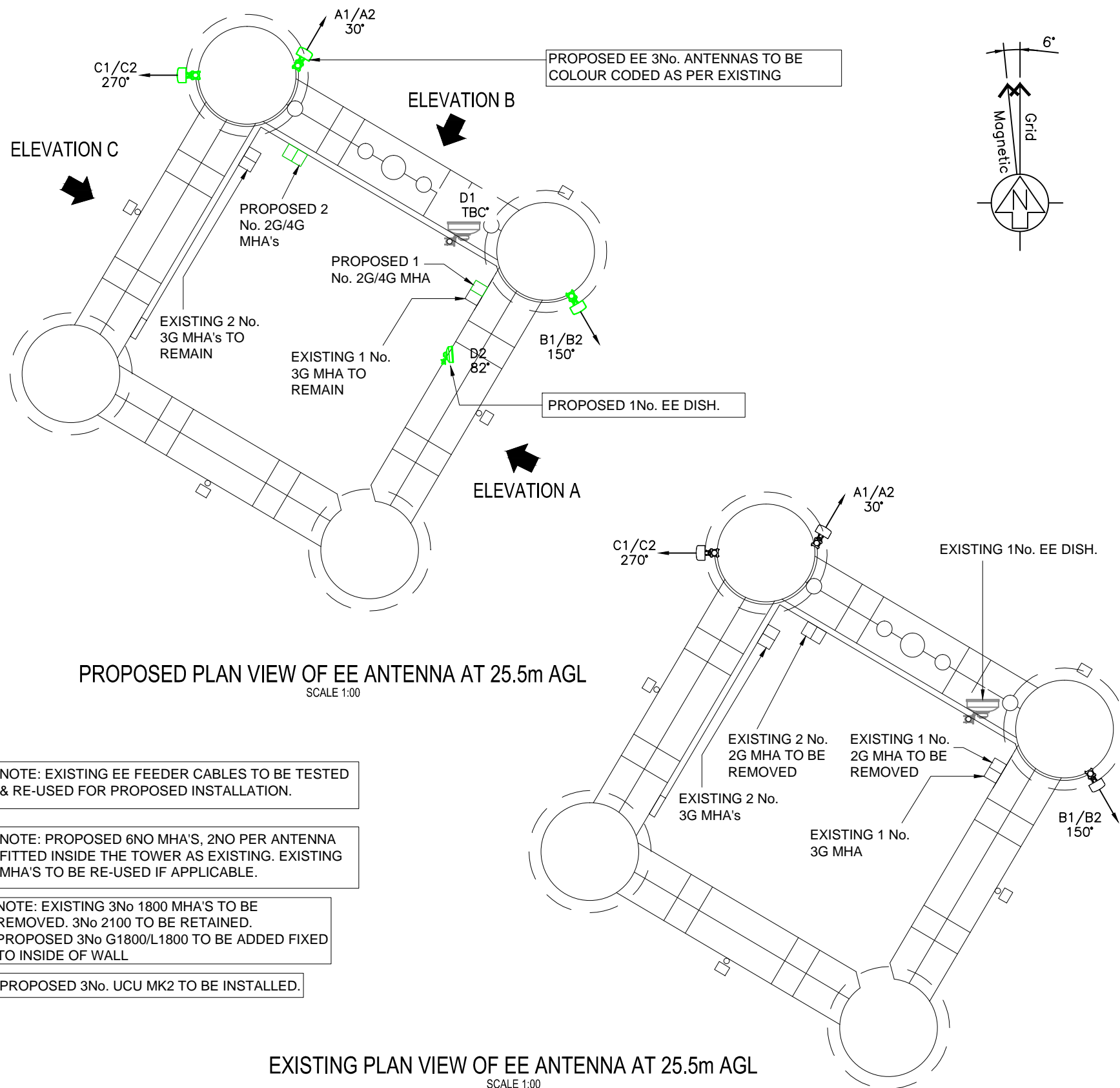
SCALE	DRAWN BCL	CHECKED LB	APPROVED ST
As Shown	DATE 19.08.14	DATE 19.08.14	DATE 19.08.14

DRAWING NUMBER	EE CELL REFERENCE	MBNL CELL ID
103	93930 -	STM009



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW

Tel 01707 315000
Fax 01707 319001



EXISTING EE ANTENNA KEY									
ITEM	ANTENNA REF	TYPE/SECTOR	BEARING	HEIGHT TO TOP OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)	FEEDER TYPE	FEEDER LENGTH	No OF FEEDERS
1	A1	XP 2*B65 TV L1.40 KAT 742234	30° EGN	25.50m	0	2	LDF5-50	30.0m	4
2	B1	XP 2*B65 TV L1.40 KAT 742234	150° EGN	25.50m	0	2	LDF5-50	30.0m	4
3	C1	XP 2*B65 TV L1.40 KAT 742234	270° EGN	25.50m	0	2	LDF5-50	30.0m	4

PROPOSED EE ANTENNA KEY									
ITEM	ANTENNA REF	TYPE/SECTOR	BEARING	HEIGHT TO TOP OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)	FEEDER TYPE	FEEDER LENGTH	No OF FEEDERS
1	A1	3XP 800-UWB-UWB L2.0 Ven1	30° EGN	25.50m	0	2	LDF5-50	30.0m	4
2	B1	3XP 800-UWB-UWB L2.0 Ven1	150° EGN	25.50m	0	2	LDF5-50	30.0m	4
3	C1	3XP 800-UWB-UWB L2.0 Ven1	270° EGN	25.50m	0	2	LDF5-50	30.0m	4

PROPOSED EQUIPMENT SCHEDULE				
ITEM	TYPE	No. OF	SIZE HxWxD	STATUS
1	EE FCIA 2G/4G INDOOR CABINET	1	1793 x 600 x 520mm	NEW

PROPOSED DISH SCHEDULE						
ITEM	TYPE	REF.	SIZE	BEARING	HEIGHT(m)	STATUS
1	EE TRANSMISSION DISH	D1	0.6m DIA	TBC	25m	EXISTING
2	EE TRANSMISSION DISH	D2	0.3m DIA	82°	25m	NEW

MHA SCHEDULE				
ITEM	TYPE	QUANTITY	STATUS	OTHER INFORMATION
1	606492: WMHD WCDMA 2.1GHz AISG D-MHA	3	EXISTING	RETAIN
2	1004111 : ABD Double Dual-Band DDLNA	3	EXISTING	REMOVE
3	1006246: COMMSCOPE DUAL GSM FULL BAND	3	NEW	

NOTE: INFORMATION HELD ON IMS TAKES PRECEDENCE OVER ALL KEYS AND SCHEDULES SHOWN

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104	93930 -	STM009

