

406800

406900

407000

DETAILED SITE LOCATION
(Scale 1:2500)

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NGR: E406985 N343069

CLARKE
telecom

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

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

LOCATION PLANS

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

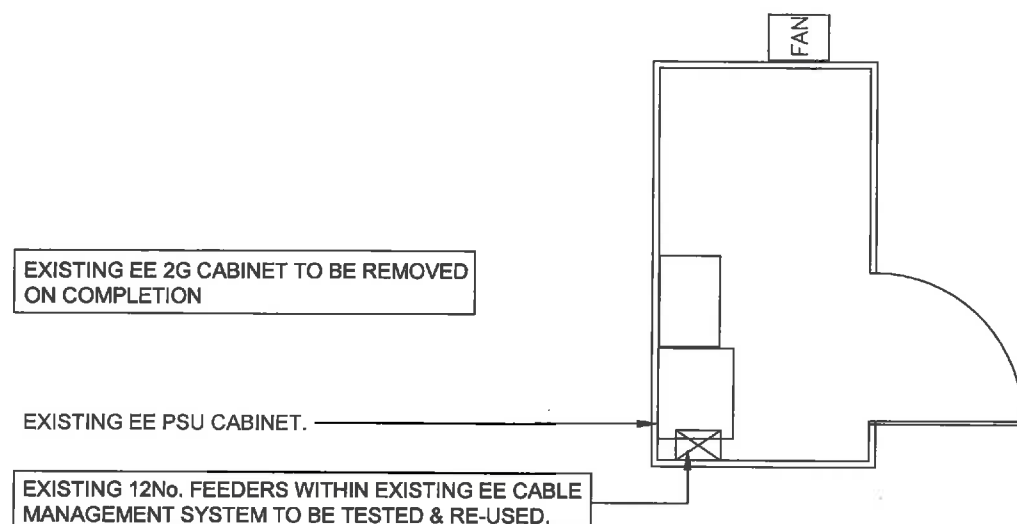
SCALE	DRAWN BCL	CHECKED LB	APPROVED ST	DRAWING NUMBER
As Shown	DATE 19.08.14	DATE 19.08.14	DATE 19.08.14	100



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW

Tel 01707 315000
Fax 01707 319001

EE CELL REFERENCE	MBNL CELL ID
93930 -	STM009



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.

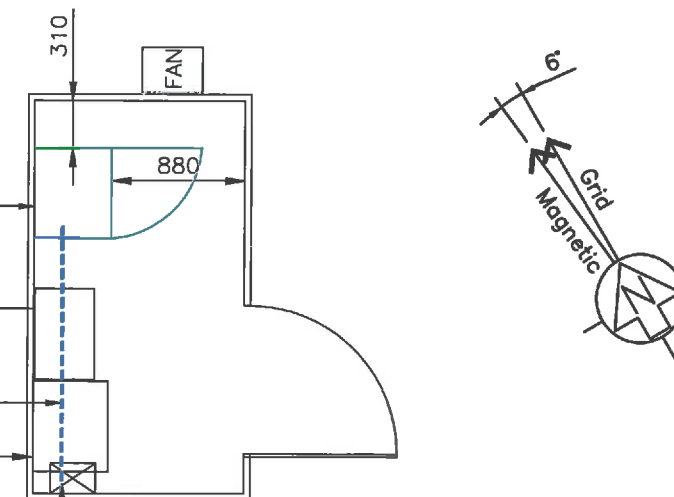
PROPOSED EE 2G/4G FCIA CABINET TO BE HOUSED WITHIN EXISTING CABIN

EXISTING EE 2G CABINET TO BE REMOVED ON COMPLETION

PROPOSED FEEDER ROUTES.

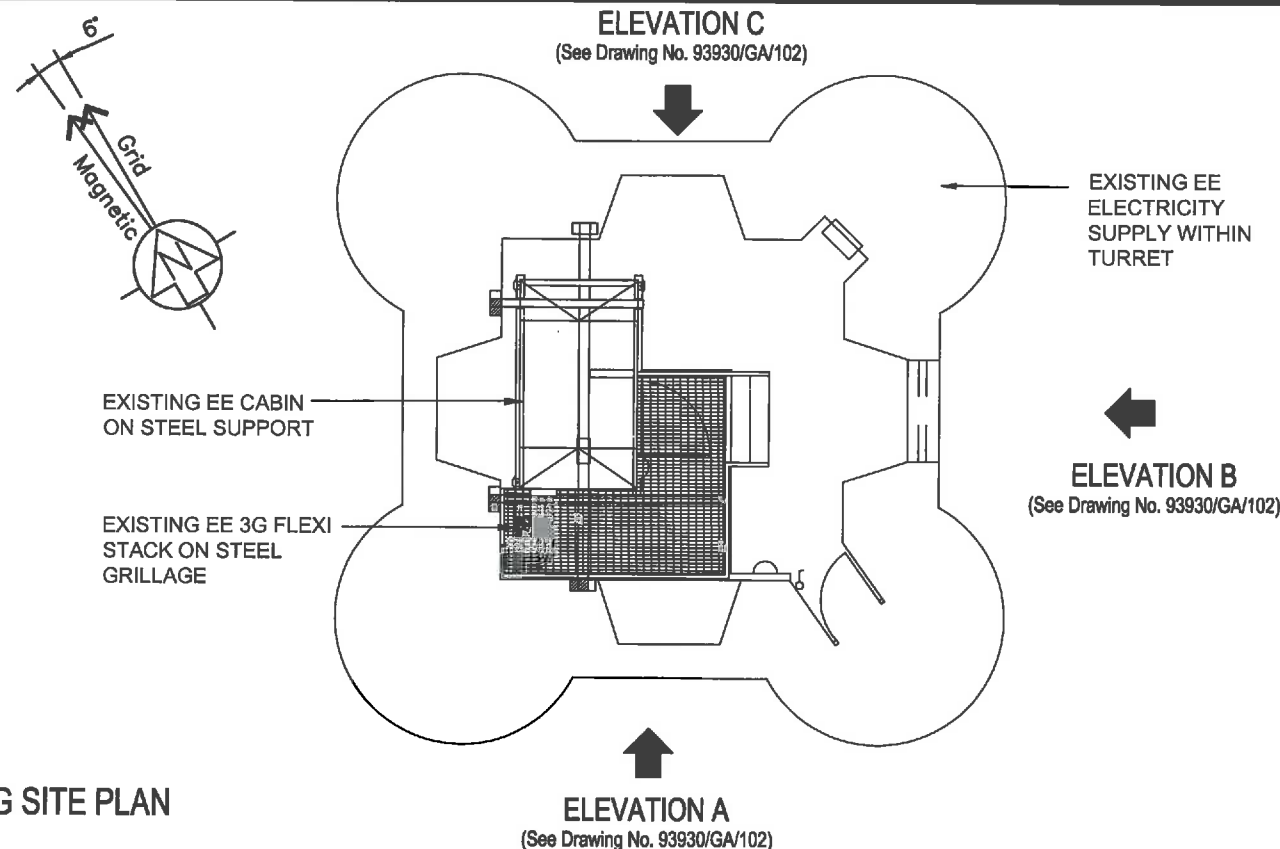
EXISTING EE PSU CABINET.

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



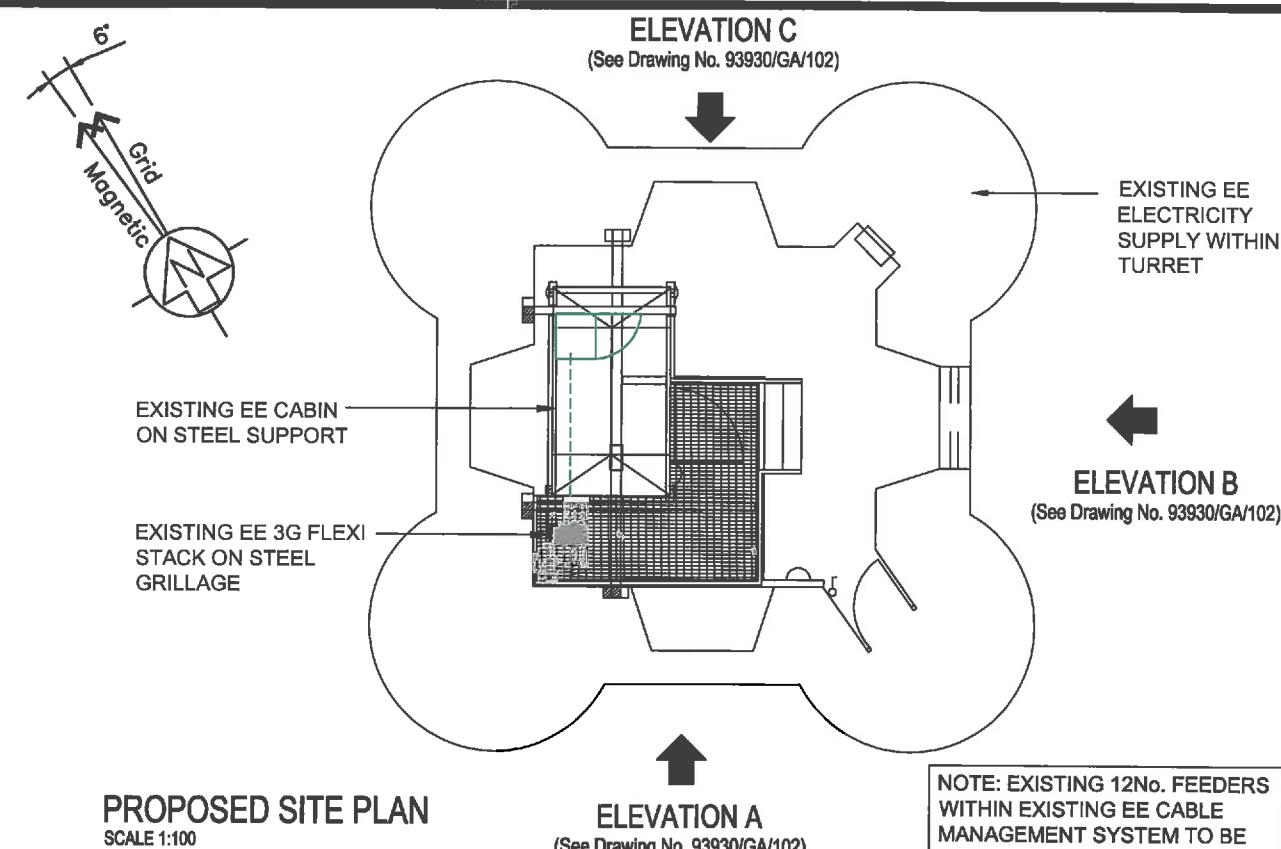
PROPOSED CABIN LAYOUT

SCALE 1:50



EXISTING SITE PLAN

SCALE 1:100



PROPOSED SITE PLAN

SCALE 1:100

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

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

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

SITE PLANS EXISTING/PROPOSED

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

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

DRAWING NUMBER
101



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW

Tel 01707 315000
Fax 01707 319001

EE CELL REFERENCE	MBNL CELL ID
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 WALL

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

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

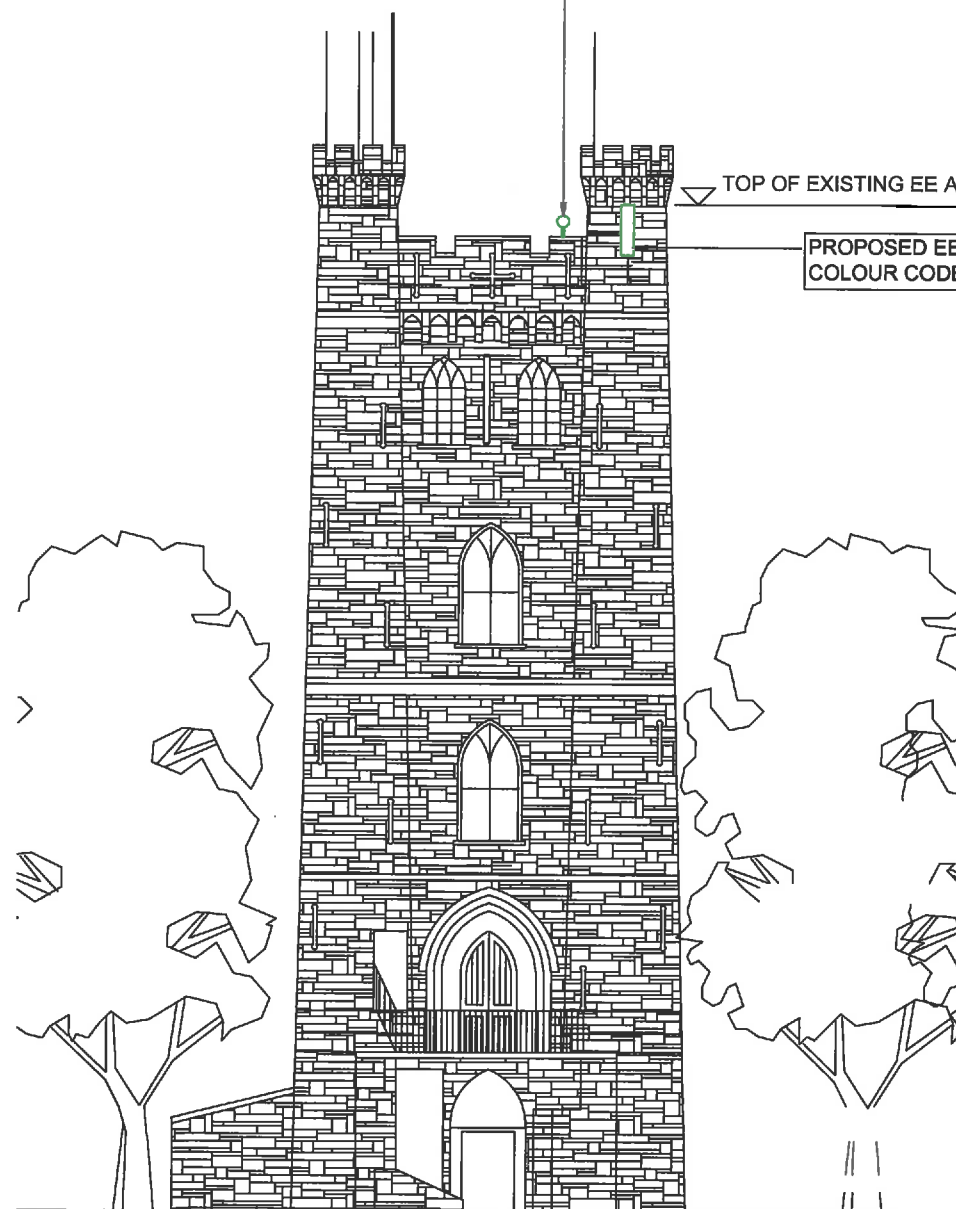
PROPOSED 1No. 300mm Ø EE DISH. (D2 @ 82°)

EXISTING 1No. 600mm Ø EE DISH. (D1)

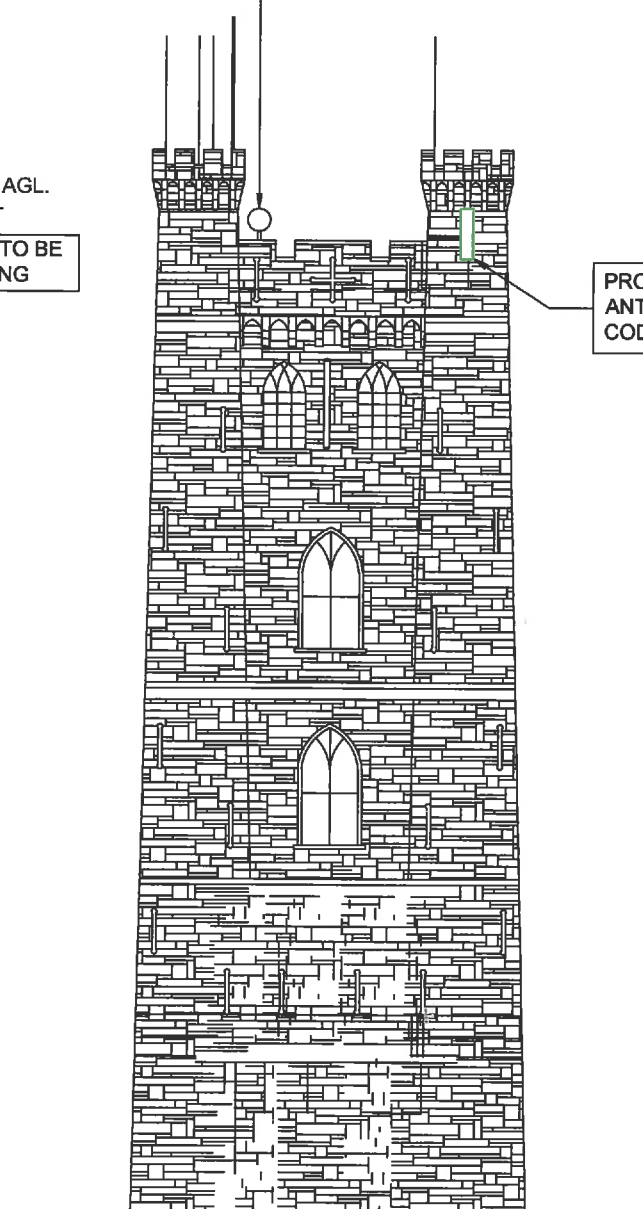
TOP OF EXISTING EE ANTENNAS 26.65M AGL.

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

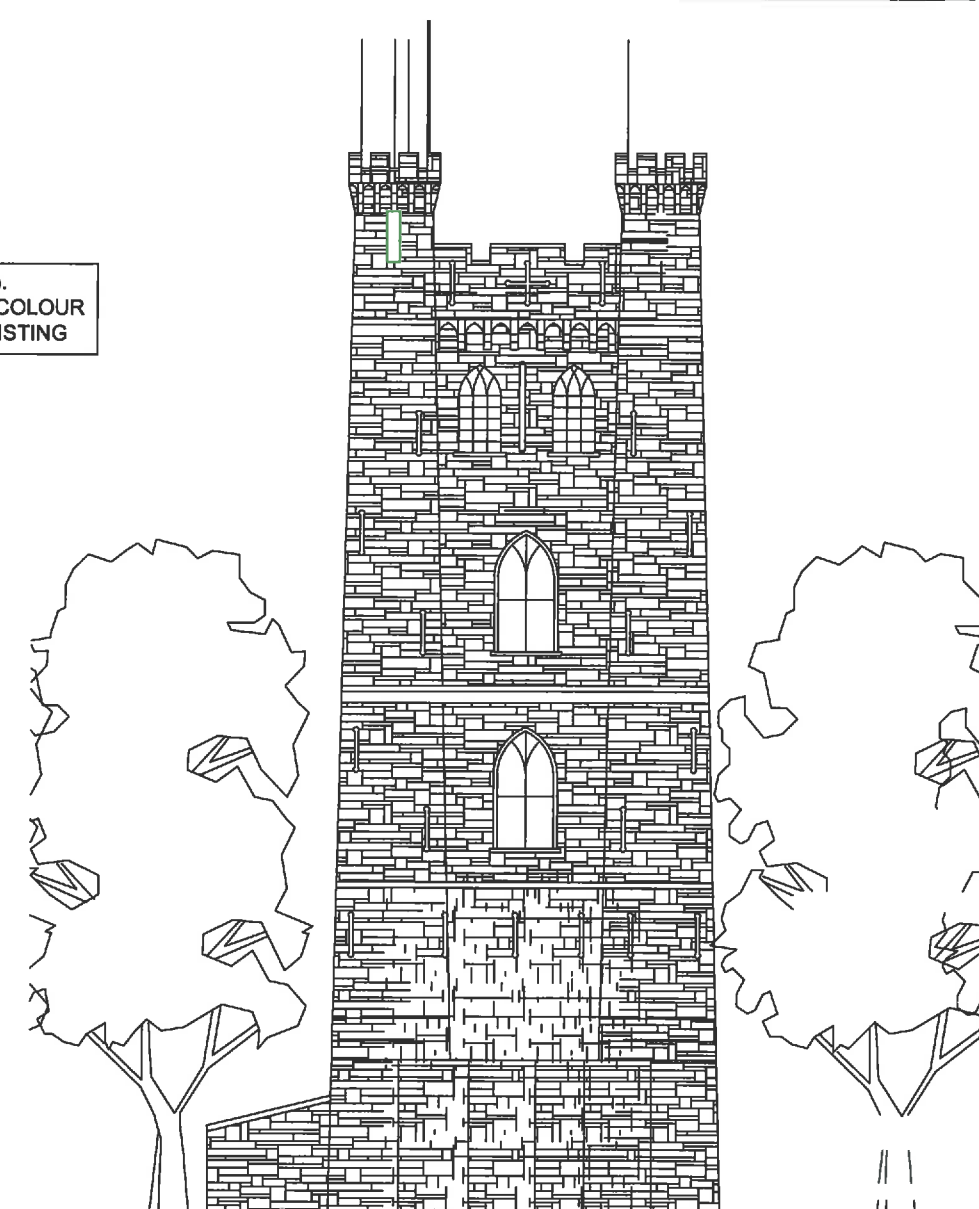
PROPOSED EE 3No. ANTENNAS TO BE COLOUR CODED AS PER EXISTING



ELEVATION 'A'



ELEVATION 'B'



ELEVATION 'C'

PROPOSED SITE ELEVATIONS SCALE 1:200

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PROPOSED ELEVATIONS

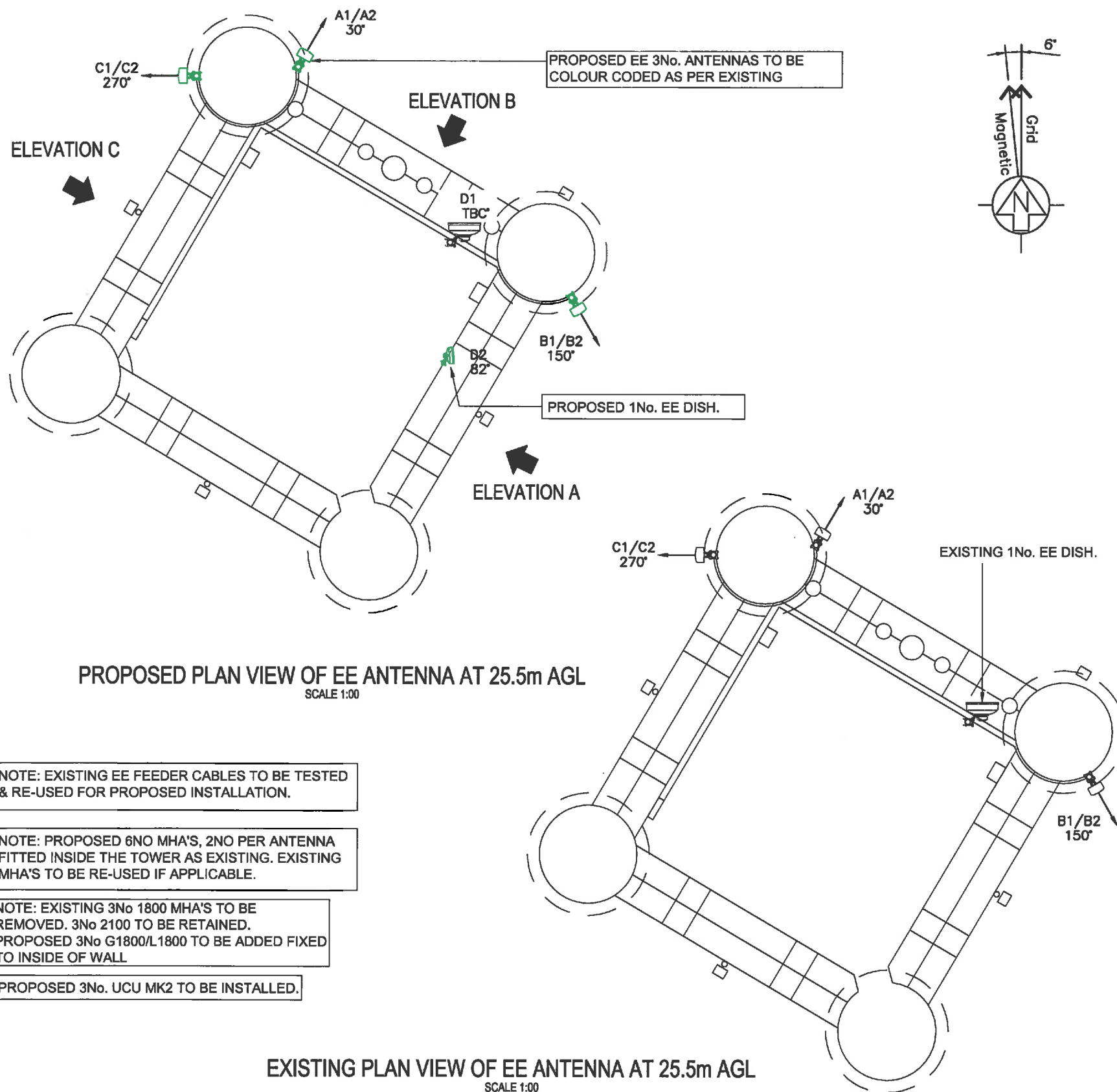
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NOMINATION REF:	93930_(2014-05-13)_NSN	P1	GA Issued For Approval			TC	20.10.15	ST	PROPOSED ELEVATIONS				DRAWING NUMBER	103	EE CELL REFERENCE	93930 -	MBNL CELL ID	STM009
		REV	DESCRIPTION			BY	DATE	CHKD	SCALE	DRAWN	CHECKED	APPROVED						
									As Shown	BCL	LB	ST						
									DATE	DATE	DATE	DATE						
									19.08.14	19.08.14	19.08.14	19.08.14						



EXISTING EE ANTENNA KEY										
ITEM	ANTENNA REF	FUNCTION	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/A2	TX/RX	KAT 742234	30° EGN	25.50m	—	2	LDF5—50	30.0m	4
2	B1/B2	TX/RX	KAT 742234	150° EGN	25.50m	—	2	LDF5—50	30.0m	4
3	C1/C2	TX/RX	KAT 742234	270° EGN	25.50m	—	2	LDF5—50	30.0m	4
PROPOSED EE ANTENNA KEY										
ITEM	ANTENNA REF	FUNCTION	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/A2	TX/RX	3XP 800—UWB—UWB	30° EGN	25.50m	—	2	LDF5—50	30.0m	4
2	B1/B2	TX/RX	3XP 800—UWB—UWB	150° EGN	25.50m	—	2	LDF5—50	30.0m	4
3	C1/C2	TX/RX	3XP 800—UWB—UWB	270° EGN	25.50m	—	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