

EXISTING EQUIPMENT

CABINET DETAILS:
FLEXI BTS (STACKED) CABINET ON ROOFTOP GRILLAGE
DIMENSIONS: 492x560x1300 HIGH
MATERIAL: STEEL
COLOUR: GREY

MK3 LINK/AC CABINET ON ROOFTOP GRILLAGE
DIMENSIONS: 600x500x1240 HIGH
MATERIAL: STEEL
COLOUR: GREY

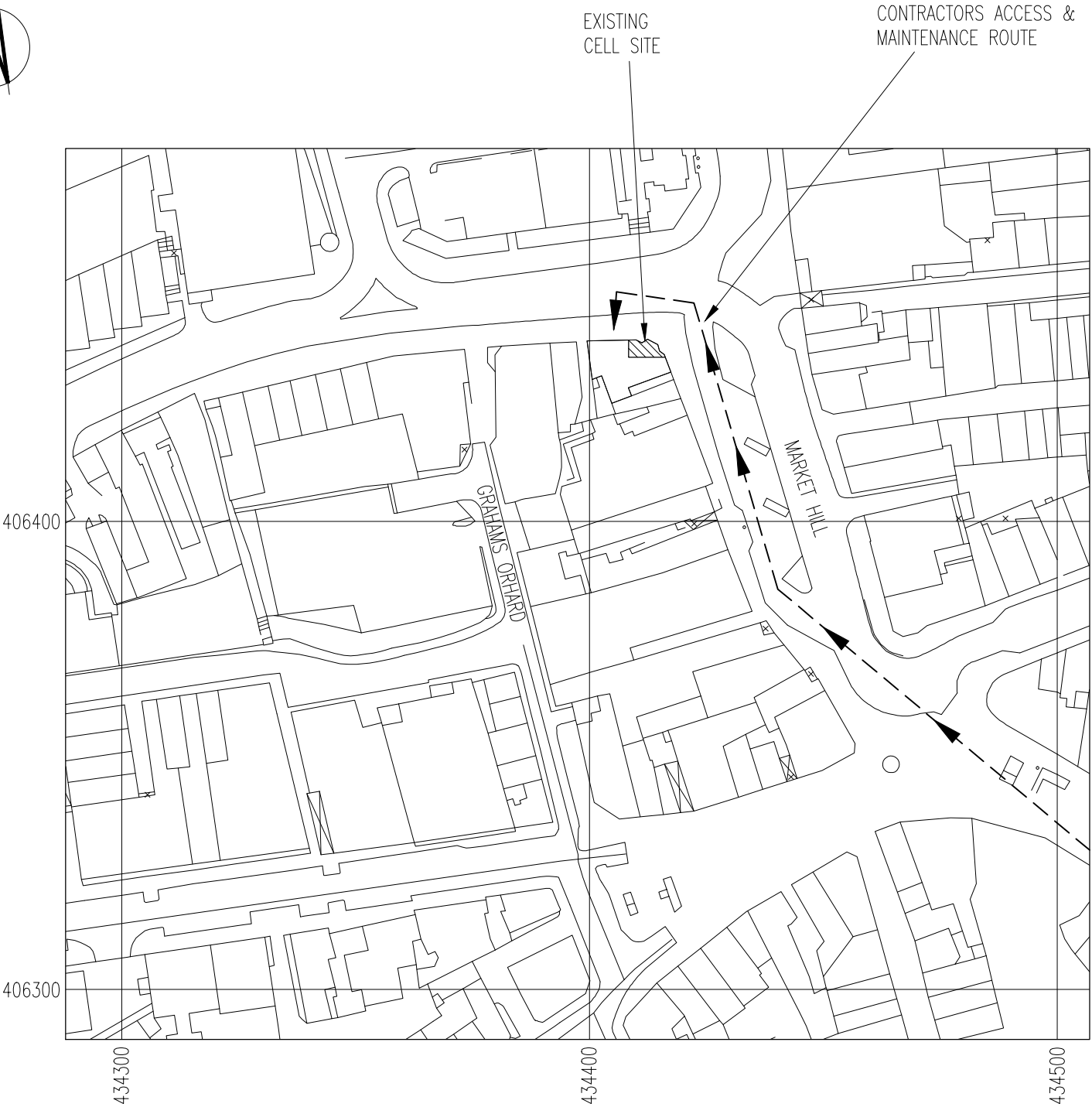
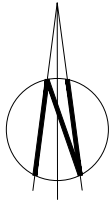
CABINET DETAILS:
BTS 3900A (STACKED) ON 200 PLINTHS ON ROOFTOP GRILLAGE
DIMENSIONS: 600x480x1600 HIGH
MATERIAL: STEEL
COLOUR: GREY

ANTENNA MOUNTED ON REPLICA FLAGPOLE.
COLOUR: WHITE

PROPOSED EQUIPMENT

CABINET DETAILS:
SAMSUNG BTS OUTDOOR (AC SPLIT SAMO) ON EXISTING STEEL FRAME
DIMENSIONS: 1500x600x1275 HIGH
MATERIAL: STEEL
COLOUR: GREY

EXISTING LNA's, FEEDER AND CABINETS TO BE RETAINED.
EXISTING ANTENNA TO BE REPLACED WITH MULTIBAND ANTENNA ON NEW SUPPORT POLE. NEW FEEDERS AND LNA's INSTALLED.
NEW 40A BREAKER TO BE INSTALLED IN EXISTING DISTRIBUTION BOARD FOR SAMO POWER SUPPLY.



LOCATION PLAN

NGR E 434410
NGR N 406436

SCALE 1:1250

REPRODUCED FROM ORDNANCE SURVEY PROMAP DATA© CROWN COPYRIGHT

EXCLUSION ZONES CONFORM TO THE ICNIRP
REFERENCE LEVEL FOR LIMITED EXPOSURE TO
MEMBERS OF THE GENERAL PUBLIC

COVENTRY CONFIG.
B2v/i/2 (SIM)

NOM/RDS DATE/REV.
NOM. 17/04/2014

ANTENNA FIXIT APPROVED BY
JOHN BUBBERS ON 07.08.2014

A7	PROPOSED POLE BRACING REMOVED	22/12/14	RN	MSH
A6	SITE NAME AMENDED	07/10/14	MA	MSH
A5	EXISTING ANTENNA BEARINGS CORRECTED	01/10/14	RN	MSH
A4	ANTENNA BEARINGS CORRECTED AND PROPOSED ANTENNA REF REMOVED	04/09/14	RN	MSH
A3	ANTENNA FIXIT APPROVED	11/08/14	MA	REM
A2	ANTENNA TYPES ADDED	06/08/14	MA	REM
A1	PRELIMINARY ISSUE FOR APPROVAL	31/07/14	CT	REM
No.	Revision	Date	By	ckd

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Astley Lane, Swillington, Leeds
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Site Name & Address:

BUDDAH BAR
1 MARKET HILL
BARNSELY, S70 2PU

Title:

PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
SITE LOCATION

Purpose of Issue:

APPROVAL

Drawing No:

75956 – 01

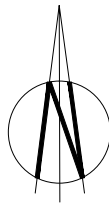
Cell No:

75956

Site No:

BAR017

Issue:	Scale:	AS STATED	Ch'd:	REM	Date:	31/07/14
A7	Drn:	CT	Date:	26/07/14	App:	REM
			Date:	31/07/14		



EXISTING POWER AND TELECOMMS
CABLES FROM GROUND FLOOR

EXISTING ANTENNA TO BE
REPLACED WITH MULTIBAND
ANTENNA ON NEW POLE

EXISTING STEEL WORK TO BE
UPGRADED AS NECESSARY FOR
NEW SUPPORT POLE

EXISTING ACCESS HATCH
ONTO HIGH LEVEL ROOF

EXISTING & PROPOSED
EQUIPMENT BEHIND
PARAPET WALL TO LOW
LEVEL ROOF

EXISTING ACCESS DOOR TO
EQUIPMENT ON LOWER ROOF

NOTE

1. ELECTRICAL SAFETY SIGN TO BE FITTED ON OUTSIDE OF LINK A/C CABINET DOOR AND ON MASONRY ADJACENT LANDLORDS METER
2. POINT OF ENTRY & EXCLUSION ZONE SAFETY SIGN TO BE FITTED TO INSIDE OF ROOFTOP ACCESS DOOR.
3. ACCESS SIGN TO BE FITTED TO MASONRY AT EYE LEVEL ADJACENT EQUIPMENT CABINETS.
4. ANTENNA SAFETY SIGN ATTACHED TO REAR OF ALL ANTENNA.

SITE PLAN

SCALE 1:200

LOCATION OF PROPOSED SAMSUNG CABINET:-
DMS: 53:33:12.351N 1:28:55.492W

COVENTRY CONFIG.
B2v/i/2 (SIM)

NOM/RDS DATE/REV.
NOM. 17/04/2014

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Site Name & Address:

BUDDAH BAR
1 MARKET HILL
BARNSELY, S70 2PU

Title:

PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
SITE LAYOUT

Purpose of Issue:

APPROVAL

Drawing No:

75956 – 02

Cell No:

75956

Site No:

BAR017

Issue:

A7

Scale:

AS STATED

Ch'd:

REM

Date: 31/07/14

Drn:

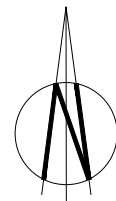
CT

Date: 26/07/14

App:

REM

Date: 31/07/14



EXISTING STACKED BY SIDE
3900A CABINET ON STEEL
GRILLAGE

EXISTING 300 WIDE
CABLE TRAY ON PCC
FLAGS UNDER GRILLAGE

PROPOSED SPLIT
SAMO CABINET ON
EXISTING STEEL
FRAME

NEW POWER CABLE CLIPPED TO U/S
GRILLAGE STEEL. PROPOSED ROTARY
ISOLATOR FOR SAMO FIXED TO
EXISTING PARAPET ON NEW UNI-STRUT
FRAME ADJACENT EXISTING DIPLEXORS

EXISTING LINK A/C
CABINET ON STEEL
GRILLAGE

EXISTING STACKED
FLEXI WITH UCU's ON
PLINTH ON GRILLAGE
STEEL

EXISTING
WIDEBAND TMA's

HIGHER ROOF
LEVEL APPROX.
13.500 AGL

PROPOSED SUPPORT POLE TO
BE MOUNTED TO NEW BASE
PLATE WITH 8 No TRIANGULAR
STIFFENERS AT THE BASE

EXISTING ANTENNA TO BE
REPLACED WITH MULTIBAND
ANTENNA ON NEW SUPPORT POLE

NEW BRACING
ADDED TO POLE

PROPOSED 300 WIDE
CABLE TRAY ON PCC
FLAGS FOR NEW FEEDERS

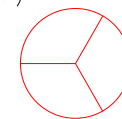
LOWER ROOF
LEVEL APPROX.
10.500 AGL

PROPOSED LNA's TO BE
INSTALLED ON NEW CABLE
TRAY AT BASE OF POLE

EXISTING WIDEBAND LNA's
TO BE RETAINED

C1/uA1 & eA1
& HeA1 (330°)

C3/uC1 & eC1
& HeC1 (210°)



C2/uB1 & eB1
& HeA1 (90°)

ANTENNA DETAILS

SCALE 1:20

PROPOSED 300 WIDE CABLE
TRAY BENEATH GRILLAGE ON
PCC FLAGS FOR NEW FEEDERS

PROPOSED 300 WIDE COVERED CABLE
TRAY FIXED TO WALL FOR NEW
FEEDERS. NEW OPENING FORMED IN
OPEN MESH FLOOR FOR NEW FEEDERS

EQUIPMENT LAYOUT

SCALE 1:50

NOTE. PROPOSED SAMSUNG CABINET TO BE INSTALLED STRICTLY IN
ACCORDANCE WITH MANUFACTURERS DETAILS. REFER TO DESIGN
GUIDE FOR ELECTRICAL, EARTHING, TRANSMISSION, ALARM DETAILS,
ETC. NEW 40A BREAKER TO BE INSTALLED IN EXISTING
DISTRIBUTION BOARD FOR SAMO POWER SUPPLY. MAKE OF
BREAKER MUST MATCH MAKE OF DB

COVENTRY CONFIG.
B2v/i/2 (SIM)

NOM/RDS DATE/REV.
NOM. 17/04/2014

NOTE. DESIGN CHECKS TO BE CARRIED OUT ON EXISTING
ANTENNA & CABINET SUPPORT STEEL.

STRUCTURAL DESIGN SURVEYS REQUIRED ON CABINET SUPPORT
STEEL AND POLE SUPPORT STEEL TO DETERMINE FEASIBILITY
OF SCHEME PRIOR TO PRODUCTION OF DETAILED DRAWINGS.

CHERRY PICKER REQUIRED FOR ANTENNA ACCESS.

NEW LNA's TO BE INSTALLED
ON NEW CABLE TRAY

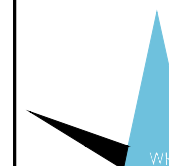
EXISTING TRI-SECTOR ANTENNA TO BE
REPLACED WITH MULTIBAND TRI-SECTOR
ANTENNA ON NEW SUPPORT POLE

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Site Name & Address:

BUDDAH BAR
1 MARKET HILL
BARNSELY, S70 2PU

Title:

PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
EQUIPMENT LAYOUT

Purpose of Issue:

APPROVAL

Drawing No:

75956 - 03

Cell No:

75956

Site No:

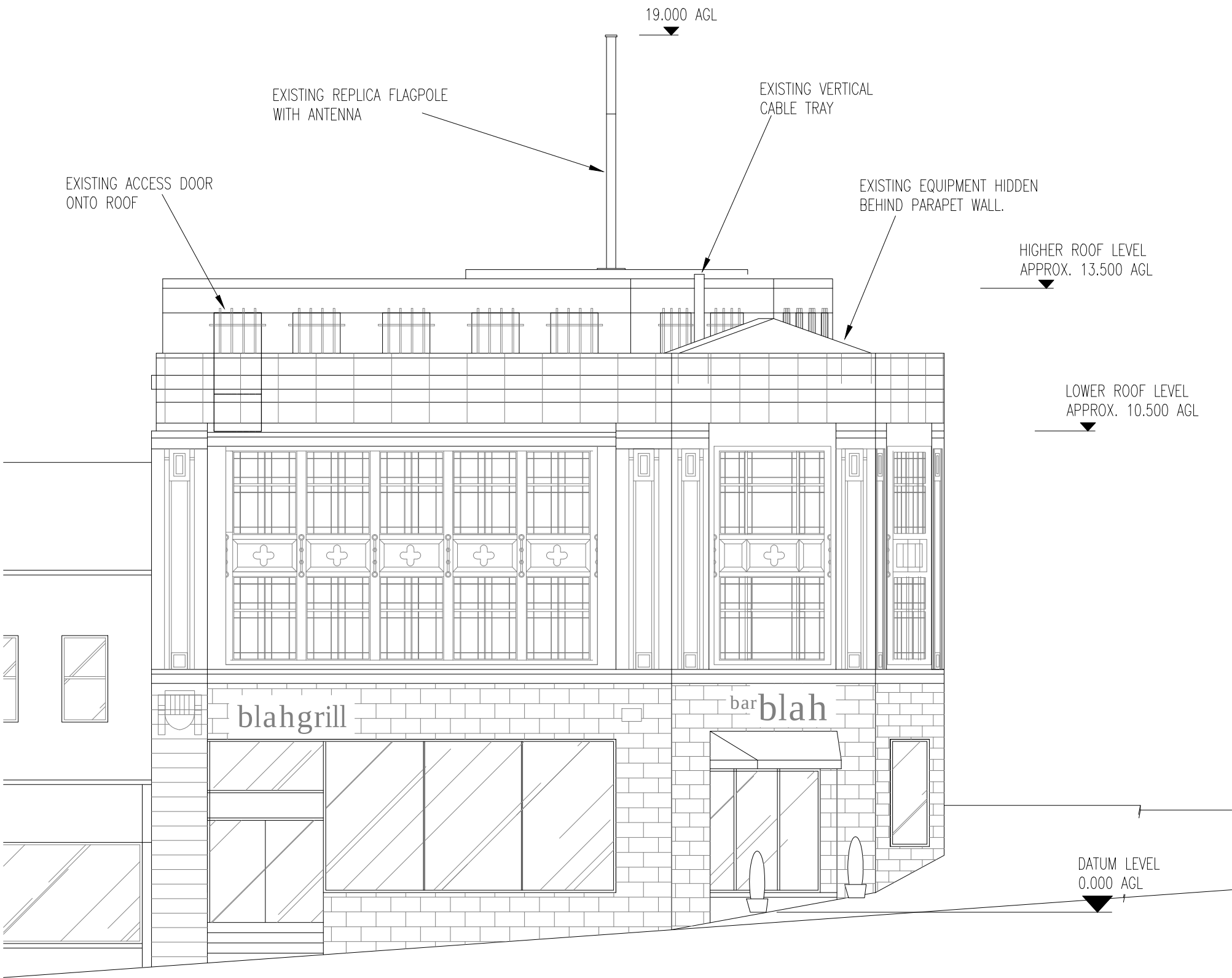
BAR017

Issue:
A7

Scale: AS STATED
Dwn: CT

Ch'd: REM
App: REM

Date: 31/07/14
Date: 31/07/14



EXISTING EAST ELEVATION

SCALE 1:100

COVENTRY CONFIG.
B2v/i/2 (SIM)

NOM/RDS DATE/REV.
NOM. 17/04/2014

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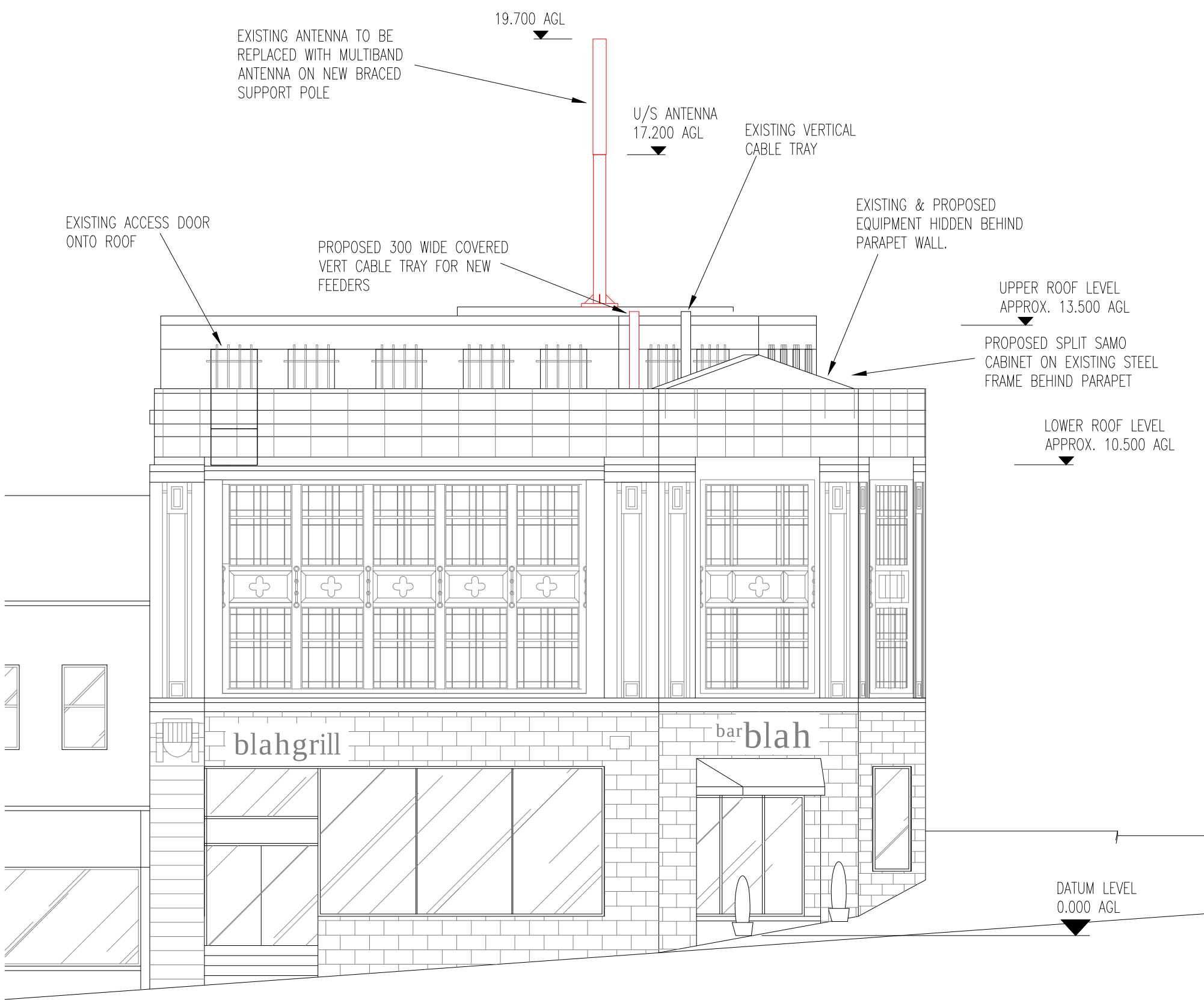
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PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
EXISTING SITE ELEVATION

Purpose of Issue:
APPROVAL

Drawing No:
75956 – 04

Cell No: **75956** Site No: **BAR017**

Issue:	Scale:	AS STATED	Ch'd:	REM	Date:	31/07/14
A7	Drn:	CT	Date:	26/07/14	App:	REM
			Date:	31/07/14		



PROPOSED EAST ELEVATION
SCALE 1:100

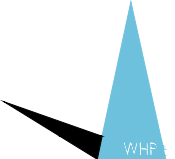
COVENTRY CONFIG. B2v/i/2 (SIM)	NOM/RDS DATE/REV. NOM. 17/04/2014
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Site Name & Address:
BUDDAH BAR
1 MARKET HILL
BARNLEY, S70 2PU

Title:
PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
PEOPOSED SITE ELEVATION

Purpose of Issue:
APPROVAL

Drawing No:
75956 – 05

Cell No:	75956	Site No:	BAR017
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Issue:	Scale:	AS STATED	Ch'd:	REM	Date:	31/07/14
A7	Drn:	CT	Date:	26/07/14	App:	REM
			Date:	31/07/14		

ANTENNA DETAILS

PROPOSED	ORIENT	BASE ANT. HEIGHT (m) AGL	ANTENNA TYPE	RET REQ'D	OVERALL FEEDER LENGTH	ANTENNA JUMPER LENGTH	OVERALL SYSTEM LOSS	MAIN FEEDER TYPE	TMA REQ'D
C1/uA1	330	17.1	ARGUS TRI-SECTOR	Yes	EX	5.0	EX	5-50	EX
C2/uB1	90	17.1	ARGUS TRI-SECTOR	Yes	EX	5.0	EX	5-50	EX
C3/uC1	210	17.1	ARGUS TRI-SECTOR	Yes	EX	5.0	EX	5-50	EX

EXISTING ANTENNA TABLE

ANTENNA DETAILS

PROPOSED	FREQUENCY	ORIENT	BASE ANT. HEIGHT (m) AGL	ANTENNA TYPE	RET REQ'D	OVERALL FEEDER LENGTH	ANTENNA JUMPER LENGTH	OVERALL SYSTEM LOSS	MAIN FEEDER TYPE	MHA REQ'D
C1/uA1	1800/2100	330	17.2	6 PORT TRI-SECTOR	Yes	EX	6.0	EX	5-50	EX
eA1	1800				Yes	16	6.0	1.22	5-50	E15S09P75
HeA1	800				Yes	16	6.0	1.22	5-50	800 TMA
C2/uB1	1800/2100	90	17.2	6 PORT TRI-SECTOR	Yes	EX	6.0	EX	5-50	EX
eB1	1800				Yes	16	6.0	1.22	5-50	E15S09P75
HeB1	800				Yes	16	6.0	1.22	5-50	800 TMA
C3/uC1	1800/2100	210	17.2	6 PORT TRI-SECTOR	Yes	EX	6.0	EX	5-50	EX
eC1	1800				Yes	16	6.0	1.22	5-50	E15S09P75
HeC1	800				Yes	16	6.0	1.22	5-50	800 TMA

NOTE: FEEDER LENGTH SHOWN IS ONLY APPROXIMATE AND SHOULD BE CHECKED BY RIGGING CONTRACTOR PRIOR TO WORK COMMENCING

PROPOSED ANTENNA TABLE

COVENTRY CONFIG. B2v/i/2 (SIM)	NOM/RDS DATE/REV. NOM. 17/04/2014
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NOMINATION COMPLIANCE

THIS DRAWING HAS THE FOLLOWING VARIATIONS FROM THE NOMINATION ISSUED ON 31/03/2014:-
EXISTING TRI-SECTOR ANTENNA SWAPPED FOR 6 PORT TRI-SECTOR DUE TO STRUCTURAL AND PLANNING CONSTRAINTS

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1 MARKET HILL
BARNSELY, S70 2PU

Title:

PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
ANTENNA DETAILS

Purpose of Issue:

APPROVAL

Drawing No:

75956 – 06

Cell No:

75956

Site No:

BAR017

Issue:

A7

Scale:

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Date:

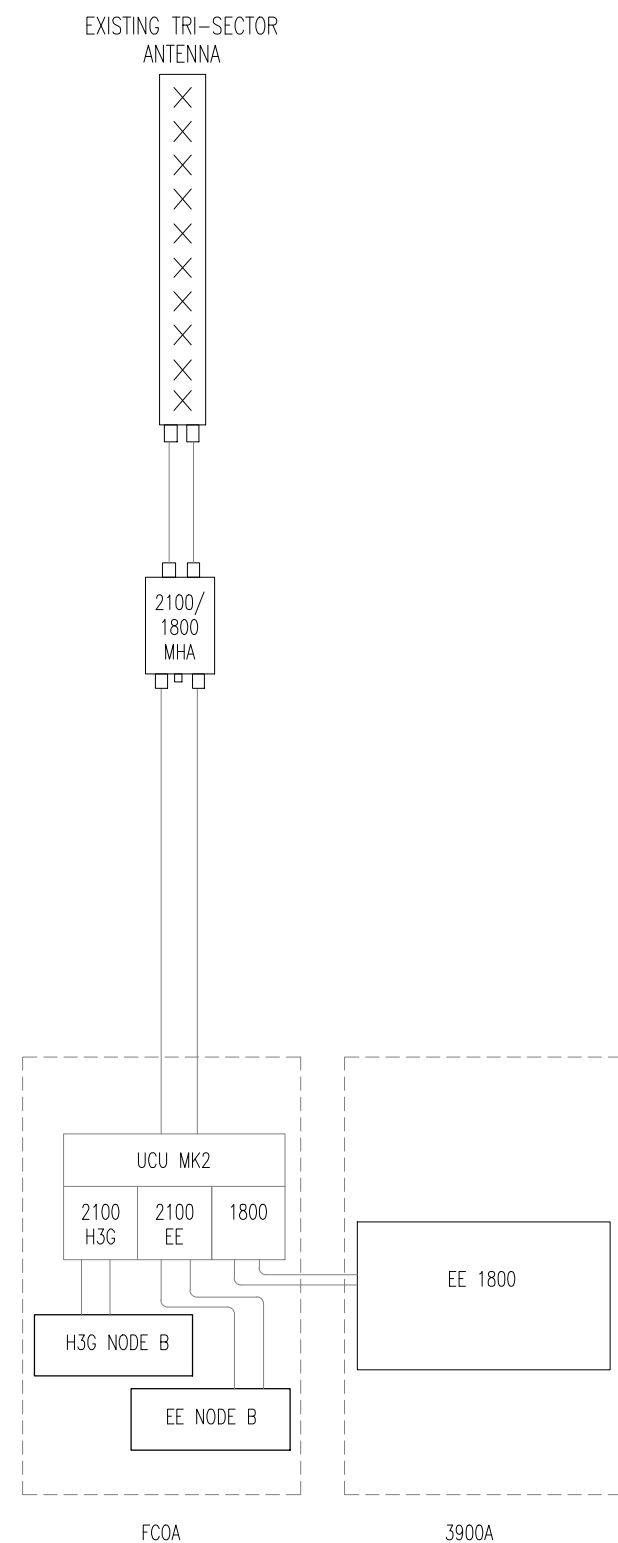
26/07/14

App:

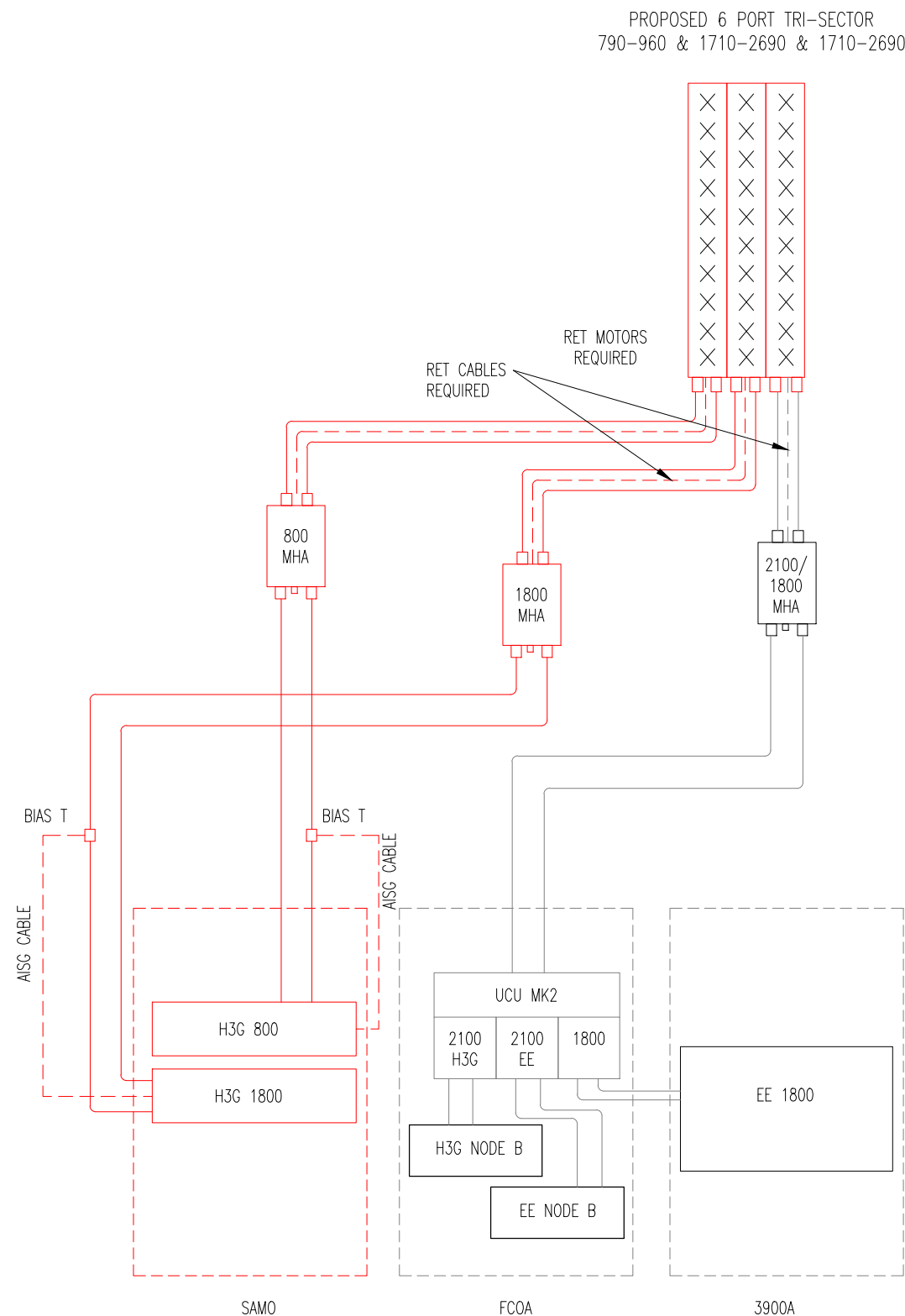
REM

Date:

31/07/14



EXISTING SCHEMATIC
NTS



PROPOSED SCHEMATIC
NTS

COVENTRY CONFIG.
B2v/i/2 (SIM)

NOM/RDS DATE/REV.
NOM. 17/04/2014

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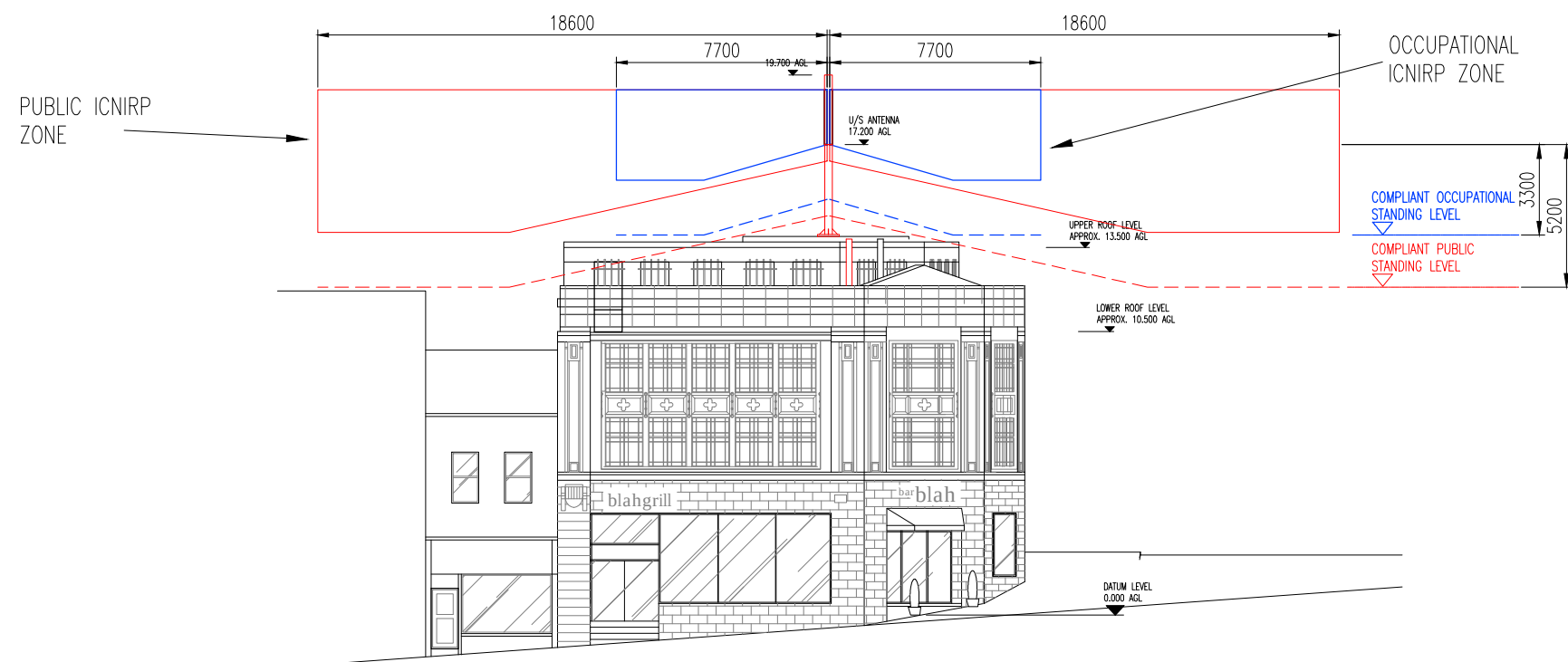
Title:
PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
EQUIPMENT SCHEMATICS

Purpose of Issue:
APPROVAL

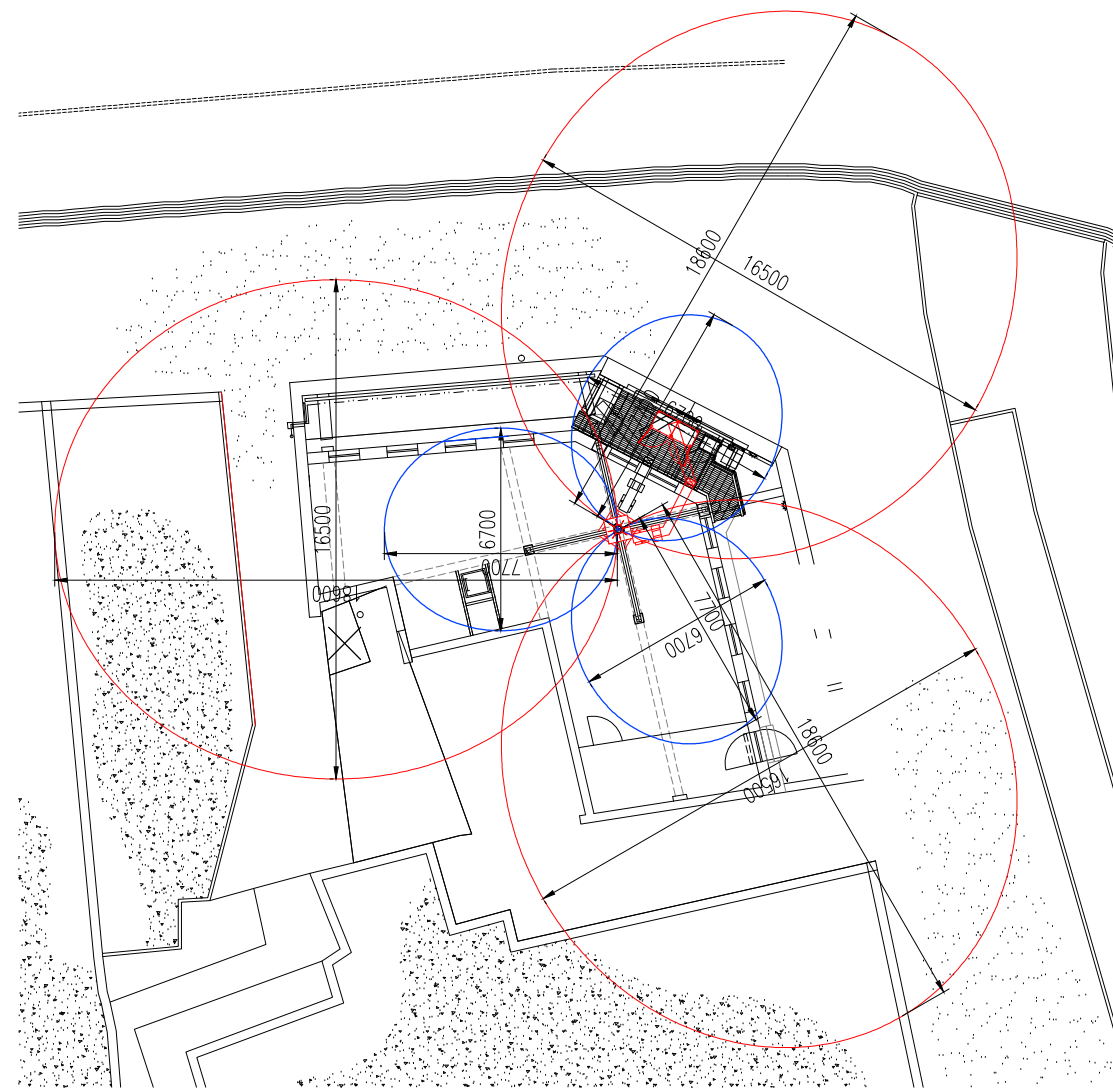
Drawing No:
75956 - 07

Cell No: **75956** Site No: **BAR017**

Issue: A7	Scale: AS STATED	Ch'd: REM	Date: 31/07/14
Drn: CT	Date: 26/07/14	App: REM	Date: 31/07/14



ELEVATION
SCALE 1:250



PLAN
SCALE 1:250

ICNIRP EXCLUSION ZONES ARE BASED ON VALUES WITHIN THE MBNL ICNIRP COMPLIANCE CERTIFICATION DOCUMENT GSDD008 R6.0

EXISTING SITE TYPE GF/RT (GSM/UMTS) NO OTHER OPERATORS WITHIN 50m HORIZ AND 4m VERT.
USE VALUES FOR EE/H3g ONLY
PROPOSED WORKS: H3G LTE UPGRADE
ANTENNA TYPE: 6 PORT TRI-SECTOR (TYPE TBC)
BEARINGS: 30, 150, 270
ACTUAL BUILD HEIGHT: 16.6m
FRONT DISTANCE PUBLIC: 18.6m
FRONT DISTANCE OCCUPATIONAL: 7.7m
PUBLIC BUILD HEIGHT 5.2m
COMPLIANCE DISTANCES BASED ON THE FOLLOWING EQUIPMENT POWER:
800MHz – 80W, 1800MHz – 320W
2100MHz – 220W, 2600MHz – N/A

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Title:
PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
ICNIRP DETAILS

Purpose of Issue:
APPROVAL

Drawing No:
75956 – 08

Cell No: **75956** Site No: **BAR017**

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