

PROPOSED WORKS

PROPOSED 3No. AOC4518R8v06 ANTENNAS INSTALLED ON NEW 114.3øx3.5m LONG ANTENNA SUPPORT POLES, SECTORS 1&2 TO BE FIXED ON PROPOSED TRIPOD SUPPORT FRAMES ON ROOFTOP, SECTOR 3 TO BE FIXED TO EXISTING PARAPET USING NEW RESIN ANCHORED BRACKETS. EXISTING 3No. IK0205A 4 PORT ANTENNAS (SECTORS 1,2,3) TO BE RETAINED & RELOCATED ONTO PROPOSED 76.1øx2.5m LONG OFFSET SUPPORT POLES FIXED TO NEW ANTENNA SUPPORT POLES USING NEW MAFI 3272 OFFSET BRACKETS. EXISTING 3No. IK0205A 4 PORT ANTENNAS (SECTORS 4,5,6) TO BE MADE REDUNDANT AND TO BE REMOVED.

PROPOSED 3No. Mk2 BOBs & 3No. 5304 RRH'S MOUNTED ON NEW 76.1øx1.25m LONG SUPPORT POLES SECTORS 1&2 TO BE FIXED ON PROPOSED TRIPOD SUPPORT FRAMES ON ROOFTOP, SECTOR 3 TO BE FIXED TO EXISTING STEEL WALKWAY.

EXISTING 1800 FEEDER SYSTEM TO BE MIGRATED TO NEW AOC4518R8v06 ANTENNAS.

PROPOSED 3No. HYBRID FIBRE TRUNK CABLES TO UTILISE NEW & EXISTING CABLE MANAGEMENT FOR EXPANSION WORKS.

EXISTING 3No. 1800 MRFUs (SECTORS 1,2,3) WITHIN 3900L CABINET TO BE RETAINED. EXISTING 3No. 1800 MRFUs (SECTORS 4,5,6) WITHIN 3900L CABINET TO BE REMOVED & REPLACED WITH BLANKING PLATES

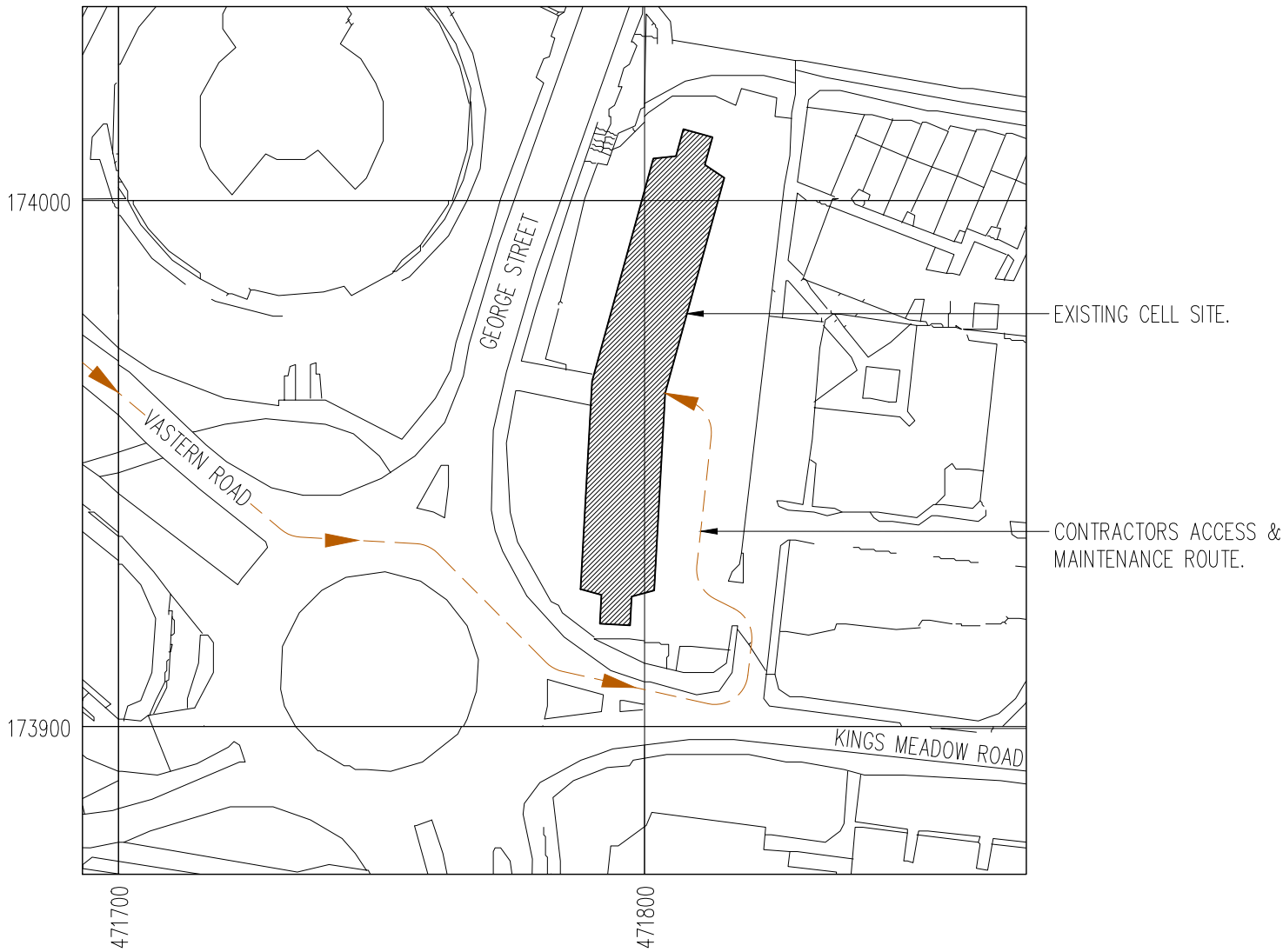
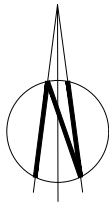
PROPOSED 3No. Mk2 BTS BOBs TO BE INSTALLED ON NEW VERTICAL EQUIPMENT LADDER IN EXISTING EQUIPMENT CABIN

PROPOSED IMB05 CABINET TO BE INSTALLED ON NEW VERTICAL EQUIPMENT LADDER IN EXISTING EQUIPMENT CABIN. NEW 1No. 63A BREAKER C/W 25mm CABLE TO BE INSTALLED TO PROPOSED DC PSU.

PROPOSED EMERSON 20kW PSU c/w 6No. 2kW RECTIFIERS TO BE INSTALLED IN EXISTING EQUIPMENT CABIN ON ROOFTOP. NEW PAN UPGRADE REQUIRED ON EXISTING D/B.

DEPENDENCY	REQUIRED	OUTCOME
LOS required?	N/A	N/A
Asbestos report	Yes	Report Required- Requested
Building Regulations	N/A	N/A
Electrical survey	N/A	N/A
GDC required?	N/A	N/A
Structural survey/ Calcs/Conformity?	Yes	In Progress
Rigging survey?	N/A	N/A
GRP required?	N/A	N/A
REC type	SINGLE PHASE 100A REC SUPPLY	Upgrade Required
Cooling Check	Yes	Existing Cooling Sufficient
ICNIRP Conformity	Yes	Complies to TD54000 With Control
FIXIT submitted?	Yes	Resin anchor FIXIT submitted
CR (change request)?	N/A	N/A
Other	N/A	N/A

A3



LOCATION PLAN

NGR E 471790
NGR N 173960

SCALE 1:1250

REPRODUCED FROM ORDNANCE SURVEY PROMAP DATA © CROWN COPYRIGHT 2018
LICENCE NUMBER 100022432



FixIt No: 37645
Approved By: Turner Townsend;
Status: Approved
Status Date: 29/08/2020
Comments: Site has been modelled in ProX5 using drawings:- WHP 13069_21-08-2020_17-08-2020_RDG055_READING BRIDGE HOUSE_10792_EE 2600_01-10_A3_PA Site modelled with powers as per TD54000v8.0 Section 5.1.3 Step 3 EE & H3G Only. Sector 1 -Step 3 EE & H3G Only -Owned Spectrum antenna(s) (PASS) Sector 2 -Step 3 EE & H3G Only -Owned Spectrum antenna(s) (PASS) Sector 3 -Step 3 EE & H3G Only -Owned Spectrum antenna(s) (PASS). Observation:- Roof Heights on Drawings do not match Google Earth by 2m. Site reviewed by David Freeman, Turner and Townsend.

ALL DIMENSIONS IN
MILLIMETRES UNLESS
NOTED OTHERWISE

A5	TRIPOD POLE AT SECTOR 1 & 2 LENGTHENED	29.09.20	JL	AW
A4	ICNIRP UPDATE AS PER FIXIT	08.09.20	SB	AW
A3	SECTOR 3 BEARING CHANGE AS PER FIXIT	18.08.20	JWS	AW
A2	REDUNDANT ANTENNAS REMOVED	27.07.20	RG	DS
A1	PRELIMINARY ISSUE FOR COMMENT	26.06.20	CDH	AW
No.	Revision	Date	By	ckd

MBNL



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Site Name & Address:
READING BRIDGE HOUSE
VASTERN ROAD, READING,
BERKSHIRE, RG1 8PJ

Title:
PROPOSED TELECOMMUNICATIONS
ROOFTOP UPGRADE
SITE LOCATION

Purpose of Issue:
PLANNING

Drawing No:
RDG055 - 01

Cell ID:	Site ID:	MBNL ID:
10792	1185544	RDG055

Issue:	Scale:	AS STATED	Ch'd:	AW	Date:	26.06.20
A5	Drn:	CDH	Date:	24.06.20	App:	AW
					Date:	26.06.20