



DETAILED SITE LOCATION  
(Scale 1:1250)

N.G.R. E: 335015, N: 388960

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- 1 ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
- 2 DO NOT SCALE DRAWINGS
- 3 RED BOXED TEXT INDICATES PROPOSED WORKS
- 4 BLUE BOXED TEXT INDICATES PROPOSED H3G WORKS BY OTHERS
- 5 READ IN CONJUNCTION WITH CONSTRUCTION NOTES DRAWING

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|     |                                |    |     |          |
| A1  | Preliminary Issue For Approval | MB | JA  | 02.03.17 |
| No. | Revision                       | By | Ckd | Date     |





7200 Cambridge Research Park  
Beach Drive, Waterbeach  
Cambridge  
CB25 9TL

Tel: 01223 792150  
Fax: 01223 862752  
e: info@sitec-is.co.uk  
w: www.sitec-is.co.uk

Site Name & Address:

ROBERT CAIN BREWERY (AWA) 5  
STANHOPE STREET  
LIVERPOOL  
MERSEYSIDE  
L8 5XJ

Drawing Title:

LOCATION PLAN

Purpose of Issue:

PLANNING

Drawing No:

LPL042 01

|             |             |               |
|-------------|-------------|---------------|
| TM Cell ID: | TM Site ID: | MBNL Cell ID: |
| 66202       | 802905      | LPL042        |

|          |          |           |  |          |        |
|----------|----------|-----------|--|----------|--------|
| Scale:   |          | Drawn:    |  | Date:    | Issue: |
| As Shown |          | MB        |  | 02.03.17 |        |
| Checked: | Date:    | Approved: |  | Date:    | A1     |
| JA       | 02.03.17 | SDG       |  | 02.03.17 |        |

NOTES:  
SITE COVERED IN BIRD GUANO. TO BE CLEARED  
FAULT RAISED

NOTES:  
FOR FULL EQUIPMENT DETAILS THIS DRAWING  
SHOULD BE READ IN CONJUNCTION WITH  
DRAWING 04 (EQUIPMENT DETAILS)

ALL PROPOSED EQUIPMENT AND STEELWORK TO  
BE BONDED TO EXISTING LIGHTNING PROTECTION  
SYSTEM

RF: OPTION – 9  
BOB SCENARIO: 1

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| DEPENDENCIES:                 |  |
|-------------------------------|--|
| ASBESTOS                      | Report Required–Requested                      |
| BUILDING REGULATIONS          | N/A  |
| FIXIT FORM                    | Fixit Submitted                                |
| GLOBAL DESIGN CHECK           | N/A  |
| ICNIRP CONFORMITY             | Complies to GSD008 Without Control             |
| UNDERGROUND SERVICES SEARCHES | N/A  |
| STRUCTURAL CHECK              | Completed Internally See Declaration           |
| COOLING CHECK                 | EXISTING COOLING SYSTEM SUFFICIENT FOR UPGRADE |

|     |                                |    |     |          |
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ROBERT CAIN BREWERY (AWA) 5  
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MERSEYSIDE  
L8 5XJ

Drawing Title: SITE PLAN

Purpose of Issue: PLANNING

Drawing No: LPL042 02

|                      |                       |                         |
|----------------------|-----------------------|-------------------------|
| TM Cell ID:<br>66202 | TM Site ID:<br>802905 | MBNL Cell ID:<br>LPL042 |
| Scale:<br>As Shown   | Drawn:<br>MB          | Date:<br>02.03.17       |
| Checked:<br>JA       | Date:<br>02.03.17     | Approved:<br>SDG        |
|                      |                       | Date:<br>02.03.17       |
|                      |                       | Issue:<br>A1            |

NOTE – PROPOSED ANTENNAS,  
BRACKETS AND SUPPORT POLES  
TO BE PAINTED TO MATCH  
BUILDING – RAL3011 BROWN  
RED

NOTE – RRHs LOCATED WITHIN  
BUILDING, SEE DRAWING 06 FOR  
DETAILS

NOTE – FIXIT SUBMITTED FOR CLIMB TO  
RRH ON SAFE WORKING PLATFORM  
OVER 5M ON SECTOR 2 ANTENNA

EXISTING MBNL 1No. 1800/2100 ANTENNA  
TO BE REMOVED AND REPLACED WITH  
1No. 800/1800/2100 ANTENNA TO BE  
INSTALLED BY OTHERS AS PART OF  
SEPARATE H3G 800 UPGRADE (BENEATH)

EXISTING 1No. MBNL 1800 ANTENNA  
AND WALL MOUNTS TO BE REMOVED  
AND REPLACED WITH 1No. 1800/2600  
ANTENNA MOUNTED ON NEW  
114øx6.3x2300 LONG SUPPORT POLE  
FIXED TO WALL USING MAFI 2414 WALL  
MOUNTS

EXISTING MBNL 1No. 1800/2100 ANTENNA  
TO BE REMOVED AND REPLACED WITH  
1No. 800/1800/2100 ANTENNA TO BE  
INSTALLED BY OTHERS AS PART OF  
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EXISTING 1No. MBNL 1800 ANTENNA  
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AND REPLACED WITH 1No. 1800/2600  
ANTENNA MOUNTED ON NEW  
114øx6.3x2300 LONG SUPPORT POLE  
FIXED TO WALL USING MAFI 2414 WALL  
MOUNTS

EXISTING 1No. VF ANTENNA  
AND 1No. 300ø DISH

EXISTING MBNL 1No. 1800/2100 ANTENNA  
TO BE REMOVED AND REPLACED WITH  
1No. 800/1800/2100 ANTENNA TO BE  
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114øx6.3x2300 LONG SUPPORT POLE  
FIXED TO WALL USING MAFI 2414 WALL  
MOUNTS

EXISTING 1No. VF ANTENNA

EXISTING MBNL EQUIPMENT  
ROOM 1 WITHIN BUILDING

EXISTING OLO 6m HIGH  
GUYED FLAGPOLE ANTENNA

EXISTING CHIMNEY

EXISTING MBNL EQUIPMENT  
ROOM 2 WITHIN BUILDING TO  
BE UPGRADED INTERNALLY

EXISTING 1No. VF ANTENNA

SITE PLAN  
(SCALE: 1:100)

EXISTING OLO 6m HIGH  
GUYED FLAGPOLE ANTENNA

EXISTING 1No. VF ANTENNA

EXISTING 1No. MBNL 1800 ANTENNA  
AND WALL MOUNTS TO BE REMOVED  
AND REPLACED WITH 1No. 1800/2600  
ANTENNA MOUNTED ON NEW  
114Øx6.3x2300 LONG SUPPORT POLE  
FIXED TO WALL USING MAFI 2414 WALL  
MOUNTS

PROPOSED 3No. HUAWEI RRHs AND 3No.  
COMMSCOPE BOBS TO BE MOUNTED  
WITHIN BUILDING ON WALL IN SAFE  
WORK AREA (SECTOR 2 ON GRILLAGE,  
SECTOR 1 & 3 ON STAIRWELL LANDING)

EXISTING MBNL 1No. 1800/2100  
ANTENNA TO BE REMOVED AND  
REPLACED WITH 1No.  
800/1800/2100 ANTENNA TO BE  
INSTALLED BY OTHERS AS PART OF  
SEPARATE H3G 800 UPGRADE

C/L OF PROPOSED 800/1800/2100  
ANTENNA 33.0m AGL

EXISTING MBNL EQUIPMENT  
ROOM WITHIN BUILDING TO BE  
UPGRADED INTERNALLY

TOP OF CHIMNEY  
49.00m AGL

MAIN ROOF LEVEL  
39.80m AGL

C/L OF PROPOSED 1800/2600  
ANTENNAS 38.0m AGL

C/L OF PROPOSED 800/1800/2100  
ANTENNAS 35.0m AGL

EQUIPMENT ROOM  
LEVEL 26.1m AGL

00.0m GROUND LEVEL

SOUTH EAST ELEVATION  
(SCALE: 1:100)

NOTE - PROPOSED ANTENNAS,  
BRACKETS AND SUPPORT POLES  
TO BE PAINTED TO MATCH  
BUILDING - RAL3011 BROWN  
RED

NOTE - FIXIT SUBMITTED FOR CLIMB TO  
RRH ON SAFE WORKING PLATFORM  
OVER 5M ON SECTOR 2 ANTENNA

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LIVERPOOL  
MERSEYSIDE  
L8 5XJ

Drawing Title:  
SOUTH EAST ELEVATION

Purpose of Issue:  
PLANNING

Drawing No:  
LPL042 03

|                      |                       |                         |
|----------------------|-----------------------|-------------------------|
| TM Cell ID:<br>66202 | TM Site ID:<br>802905 | MBNL Cell ID:<br>LPL042 |
| Scale:<br>As Shown   | Drawn:<br>MB          | Date:<br>02.03.17       |
| Checked:<br>JA       | Date:<br>02.03.17     | Approved:<br>SDG        |
|                      |                       | Date:<br>02.03.17       |
|                      |                       | Issue:<br>A1            |



EXISTING CABINET DETAILS

NUMBER: 1No.  
MANUFACTURER: TBC  
TYPE/REF: FULL HEIGHT (46U) TRANSMISSION RACK  
LOCATION: INDOOR  
DIMENSIONS: 600x500x2200 HIGH  
MATERIAL: STEEL  
COLOUR: GREY  
STATUS: RETAIN  
COMMENTS: IN EQUIPMENT ROOM 1

NUMBER: 1No.  
MANUFACTURER: HUAWEI  
TYPE/REF: BTS3900L CABINET  
LOCATION: INDOOR  
DIMENSIONS: 600x450x1640 HIGH  
MATERIAL: STEEL  
COLOUR: BLACK  
STATUS: RETAIN  
COMMENTS:IN EQUIPMENT ROOM 2  
**TO BE UPGRADED INTERNALLY**

NUMBER: 1No.  
MANUFACTURER: SAMSUNG  
TYPE/REF: SAMI 42U FLAT PACK RACK  
LOCATION: INDOOR  
DIMENSIONS: 600x550x1975 HIGH  
MATERIAL: STEEL  
COLOUR: A05 GOOSE GREY  
STATUS: RETAIN  
COMMENTS: IN EQUIPMENT ROOM 1

NUMBER: 1No.  
MANUFACTURER: NOKIA  
TYPE/REF: FLEXI MODULE STACK  
LOCATION: INDOOR  
DIMENSIONS: 492x560x1000 HIGH  
MATERIAL: STEEL  
COLOUR: GREY  
STATUS: RETAIN  
COMMENTS: C/W MK2 UCU. IN EQUIPMENT ROOM 1

PROPOSED EQUIPMENT DETAILS

NUMBER: 3No.  
MANUFACTURER: HUAWEI  
TYPE/REF: RRH (REMOTE RADIO HEAD, 2600MHz)  
LOCATION: INDOOR  
DIMENSIONS: 300x120x400  
MATERIAL: STEEL  
COLOUR: GREY  
STATUS: PROPOSED  
COMMENTS: TO BE MOUNTED WITHIN BUILDING ON WALL IN SAFE WORK AREA (SECTOR 2 ON GRILLAGE, SECTOR 1 & 3 ON STAIRWELL LANDING)

NUMBER: 3No.  
MANUFACTURER: COMMSCOPE  
TYPE/REF: (ANTENNA END) BOB (FE-12104-EE-R4)  
LOCATION: INDOOR  
DIMENSIONS: 267x102x318  
MATERIAL: PLASTIC  
COLOUR: GREY  
STATUS: PROPOSED  
COMMENTS: TO BE MOUNTED WITHIN BUILDING ON WALL IN SAFE WORK AREA (SECTOR 2 ON GRILLAGE, SECTOR 1 & 3 ON STAIRWELL LANDING)

NUMBER: 3No.  
MANUFACTURER: COMMSCOPE  
TYPE/REF: (BTS END) BOB (FE-12104-EE-R4)  
LOCATION: INDOOR  
DIMENSIONS: 267x102x318  
MATERIAL: PLASTIC  
COLOUR: GREY  
STATUS: PROPOSED  
COMMENTS: TO BE INSTALLED ON BOB LADDER IN EQUIPMENT

NUMBER: 1No.  
MANUFACTURER: ALIFABS  
TYPE/REF: BOB LADDER  
LOCATION: INDOOR  
DIMENSIONS: N/A  
MATERIAL: STEEL  
COLOUR: GALVANISED  
STATUS: PROPOSED  
COMMENTS: -

EXISTING PSU CABINET DETAILS

NUMBER: 1No.  
MANUFACTURER: ELTEK  
TYPE/REF: SMARTPACK 2 PSU (EF2S)  
LOCATION: INDOOR  
DIMENSIONS: 600x400x1000 HIGH  
MATERIAL: STEEL  
COLOUR: SILVER/BLACK  
STATUS: RETAIN  
COMMENTS: IN EQUIPMENT ROOM 1

**C/W 4No. 2Kw RECTIFIERS. TO BE REUSED FOR PROPOSED UPGRADE**

EQUIPMENT DETAILS  
(NOT TO SCALE)

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- 3 **RED BOXED TEXT INDICATES PROPOSED WORKS**
- 4 **BLUE BOXED TEXT INDICATES PROPOSED H3G WORKS BY OTHERS**
- 5 READ IN CONJUNCTION WITH CONSTRUCTION NOTES DRAWING

STATUS KEY:  
RETAIN: EXISTING AND TO REMAIN  
RELOCATE: EXISTING AND TO BE RELOCATED  
PROPOSED: NEW ON SITE  
REMOVE: TO BE REMOVED FROM SITE

LOCATION KEY:  
OUTDOOR: LOCATED OUTSIDE  
INDOOR: LOCATED WITHIN AN EQUIPMENT CABIN OR EQUIPMENT ROOM  
INTERNAL: LOCATED INSIDE A CABINET OR ITEM OF EQUIPMENT

|     |                                |    |     |          |
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|-------------------|--|-------------|--|---------------|-------------------|----------|--|-----------|--|----------|--|--------|--|----------|--|----|--|
| Drawing Title:    |  |             |  |               | EQUIPMENT DETAILS |          |  |           |  |          |  |        |  |          |  |    |  |
| Purpose of Issue: |  |             |  |               | PLANNING          |          |  |           |  |          |  |        |  |          |  |    |  |
| Drawing No:       |  |             |  |               | LPL042 04         |          |  |           |  |          |  |        |  |          |  |    |  |
| TM Cell ID:       |  | TM Site ID: |  | MBNL Cell ID: |                   |          |  |           |  |          |  |        |  |          |  |    |  |
| 66202             |  | 802905      |  | LPL042        |                   |          |  |           |  |          |  |        |  |          |  |    |  |
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