

FLOOR PLAN
(N.T.S.)

The drawings comply with TEF Standard ICNIRP guidelines.
Designed in accordance with Cornerstone document: CORN/09/006

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 531376 N: 181596

CONCESSION REQUIRED | NO

NOTES:
THE SYSTEM IS DESIGNED TO MEET THE REQUIREMENTS SPECIFIED IN O2 RADIO DATASHEET: 1101: MICROCELL DESIGN, DEPLOYMENT AND DATA BUILD GUIDELINES

| REV | MODIFICATION | BY | CH | DATE |
|-----|---------------------|-----|-----|----------|
| A | Issued for Approval | NTA | SDG | 05.03.14 |



| | |
|----------------|------|
| Cell Name | Opt. |
| HOLBORN CENTRE | A |

| | |
|----------------|--------------|
| CTIL Reference | O2 CSR |
| 140643 | (TEF) 002634 |

Site Address / Contact Details
HOLBORN CENTRE
120 HOLBORN (A40)
LONDON
EC1N 6RY

Drawing Title: SITE PLAN

Purpose of Issue: SURVEY DETAIL

Drawing Number: 200

| | | |
|-----------------|-------------------------|--------------|
| Surveyed By: TM | Original Sheet Size: A3 | Issue: A |
| Drawn: NTA | Date: 05.03.14 | Checked: SDG |
| | Date: 05.03.14 | |

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N.G.R | E: 531376 | N: 181596

CONCESSION REQUIRED | NO

NOTES:

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 HOLBORN CENTRE
 120 HOLBORN (A40)
 LONDON
 EC1N 6RY

Drawing Title: SITE ELEVATIONS
 Purpose of issue: SURVEY DETAIL

Drawing Number: 300

| | | |
|-----------------|-------------------------|----------------|
| Surveyed By: TM | Original Sheet Size: A3 | Issue: A |
| Drawn: NTA | Date: 05.03.14 | Checked: SDG |
| | Date: 05.03.14 | Date: 05.03.14 |



PROPOSED 3G BELLBOX
 ANTENNA A3 LOCATION

PROPOSED ANTENNA
 HEIGHT (APPROX)
 +6.0m AGL

EXISTING 2G BELLBOX
 ANTENNA A2 LOCATION

EXISTING ANTENNA
 HEIGHT (APPROX)
 +5.5m AGL

EXISTING 2G BELLBOX
 ANTENNA A1 LOCATION

PROPOSED ANTENNA LOCATIONS

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VIEW A – PROPOSED EQUIPMENT LOCATION



VIEW B – EXISTING 2G EQUIPMENT LOCATION



PANORAMIC PHOTO 1 (110°)



PANORAMIC PHOTO 2 (160°)



PANORAMIC PHOTO 3 (210°)



PANORAMIC PHOTO 4 (260°)



ANTENNA LOCATION VIEW

SITE PHOTOGRAPHS

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 531376 | N: 181596

CONCESSION REQUIRED | NO

NOTES:

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Site Address / Contact Details
 HOLBORN CENTRE
 120 HOLBORN (A40)
 LONDON
 EC1N 6RY

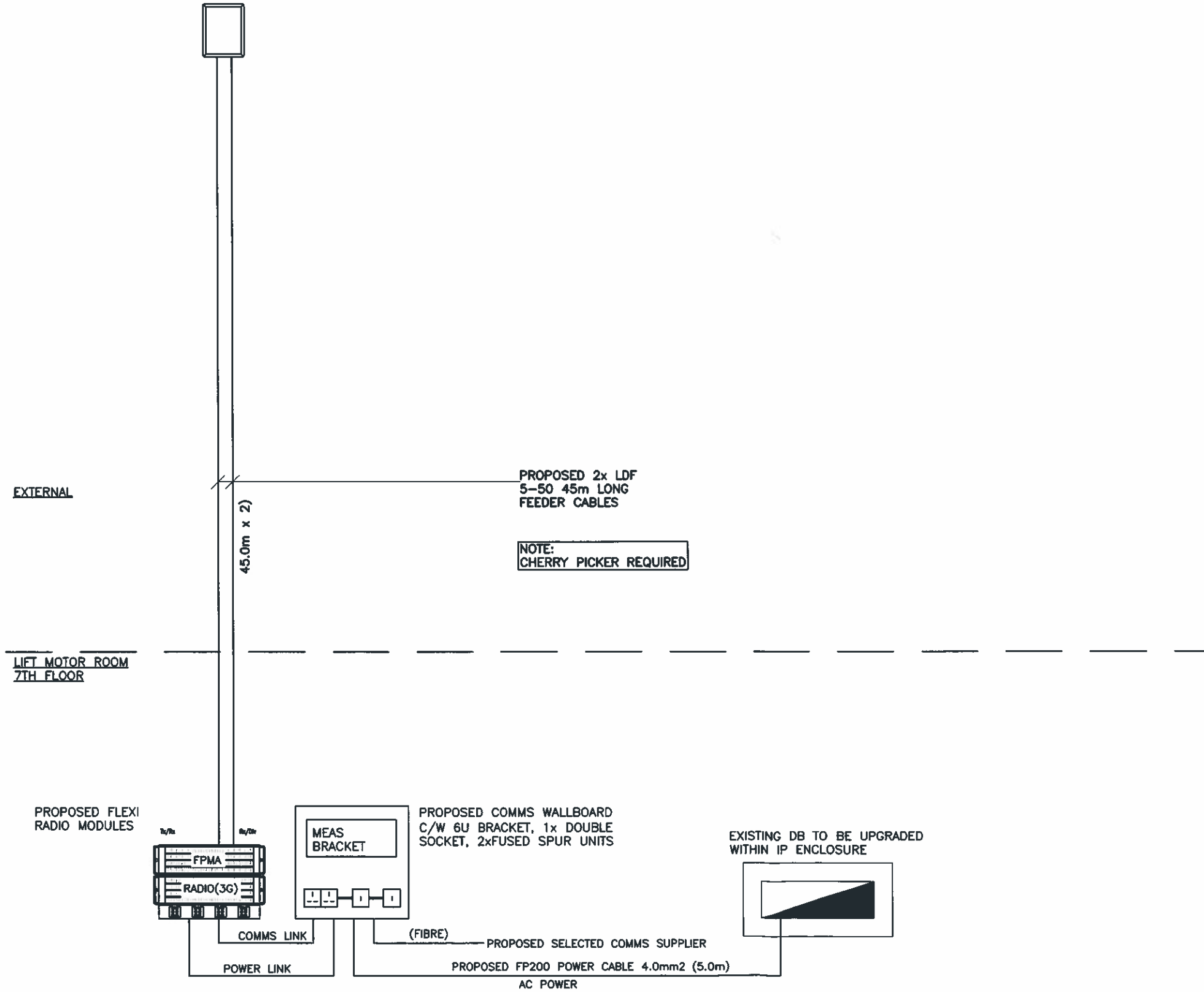
Drawing Title: SITE PHOTOGRAPHS

Purpose of issue: SURVEY DETAIL

Drawing Number: 400

| | | |
|--------------|----------------------|----------|
| Surveyed By: | Original Sheet Size: | Issue: |
| TM | A3 | A |
| Drawn: | Date: | Checked: |
| NTA | 05.03.14 | SDG |
| | | Date: |
| | | 05.03.14 |

PROPOSED
3G BELLBOX (7824-300)
ANTENNA (INCLUDING
OVERSHROUD)



SYSTEM SCHEMATIC
(N.T.S.)

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 531376 N: 181596

CONCESSION REQUIRED | NO

NOTES:

| | | | | |
|-----|---------------------|-----|-----|----------|
| A | Issued for Approval | NIA | SDG | 05.03.14 |
| REV | MODIFICATION | BY | CH | DATE |



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|----------------|------|
| Cell Name | Opt. |
| HOLBORN CENTRE | A |

| | |
|----------------|--------------|
| CTIL Reference | O2 CSR |
| 140643 | (TEF) 002634 |

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|---|
| Site Address / Contact Details |
| HOLBORN CENTRE 120 HOLBORN (A40) LONDON EC1N 6RY |

Drawing Title: SYSTEM SCHEMATIC

Purpose of issue: SURVEY DETAIL

Drawing Number: 500

| | | | |
|--------------|----------------------|----------|----------|
| Surveyed By: | Original Sheet Size: | Issue: | |
| TM | A3 | A | |
| Drawn: | Date: | Checked: | Date: |
| NIA | 05.03.14 | SDG | 05.03.14 |

| BILL OF MATERIALS | | | | |
|---------------------|---------------------------|--------------------------------|---|-----|
| TYPE | MANUFACTURER | MODEL | DESCRIPTION | QTY |
| ANTENNA | JAYBEAM | 7824-300 | BELLBOX ANTENNA (1x3G) PAINTED GREY TO MATCH FASCIA | 1 |
| MCB | MERLIN GERIN | 20A | ISOBAR 4 MCB | 1 |
| DISTRIBUTION BOARD | TBC | TBC | EXISTING BOARD TO BE UPGRADED | 1 |
| POWER CABLE | PIRELLI | FP200 | 3 CORE 4.0mm ² | 5m |
| FEEDER CABLE | ANDREW | LDF 5-50 | 50 ohms 1/2" COAXIAL CABLE- FOAM DIELECTRIC FLAME RETARD | 45m |
| CONNECTORS | ANDREW | N-MALE | FOR CONNECTION TO ANTENNA TAILS | 4 |
| CONNECTORS | ANDREW | DIN MALE ANGLE | FOR CONNECTION TO FLEXI MODULES | 4 |
| POWER / COMMS BOARD | 10mm ² PLYWOOD | 800 x 600 | C/W DOUBLE SOCKET & 2 X FUSED SPUR UNITS | 1 |
| FEEDER CLEATS | ANDREW | - | DOUBLE CLEATS | 30 |
| MICROCELL (3G) | NOKIA | FLEXI MODULES FLOOR MOUNTED | POWER & RF MODULES | 2 |
| MEAS | ALIFABS | 6U | 6U WALL BRACKET | 1 |
| 1U POWER SUPPLY | ELTEK | MINI PACK | 1.6KW SYSTEM C/W DC DISTRIBUTION & CONTROLLER | 1 |

| ANTENNA AND FEEDER KEY | | | | | | |
|------------------------|--------|------------------|----------|---------------|---------------|-------------|
| No. | SECTOR | ANTENNA TYPE | LOCATION | APPROX HEIGHT | FEEDER LENGTH | FEEDER TYPE |
| A3 | 3G | JAYBEAM 7824-300 | | 6.0m | 45m x 2 | LDF 5-50 |

BILL OF MATERIALS

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 120 HOLBORN (A40)
 LONDON
 EC1N 6RY

Drawing Title: BILL OF MATERIALS

Purpose of issue: SURVEY DETAIL

Drawing Number: 600

| | | |
|--------------|----------------------|----------|
| Surveyed By: | Original Sheet Size: | Issue: |
| TM | A3 | A |
| Drawn: | Date: | Checked: |
| NTA | 05.03.14 | SDG |
| | | Date: |
| | | 05.03.14 |