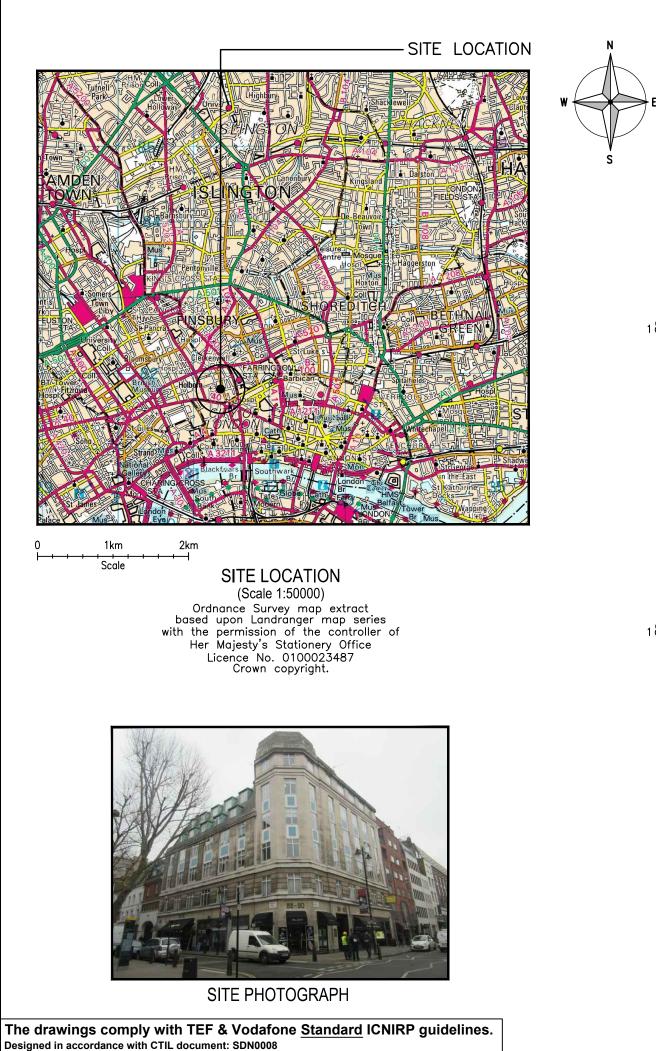
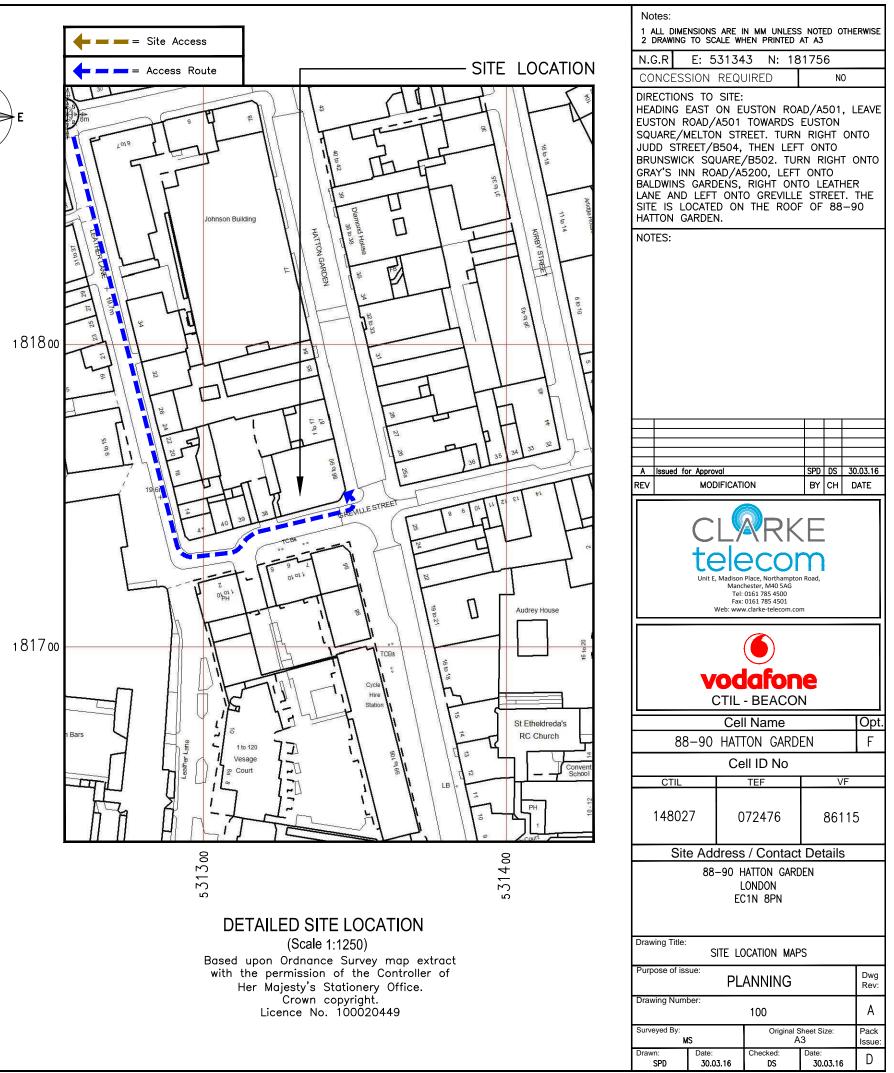
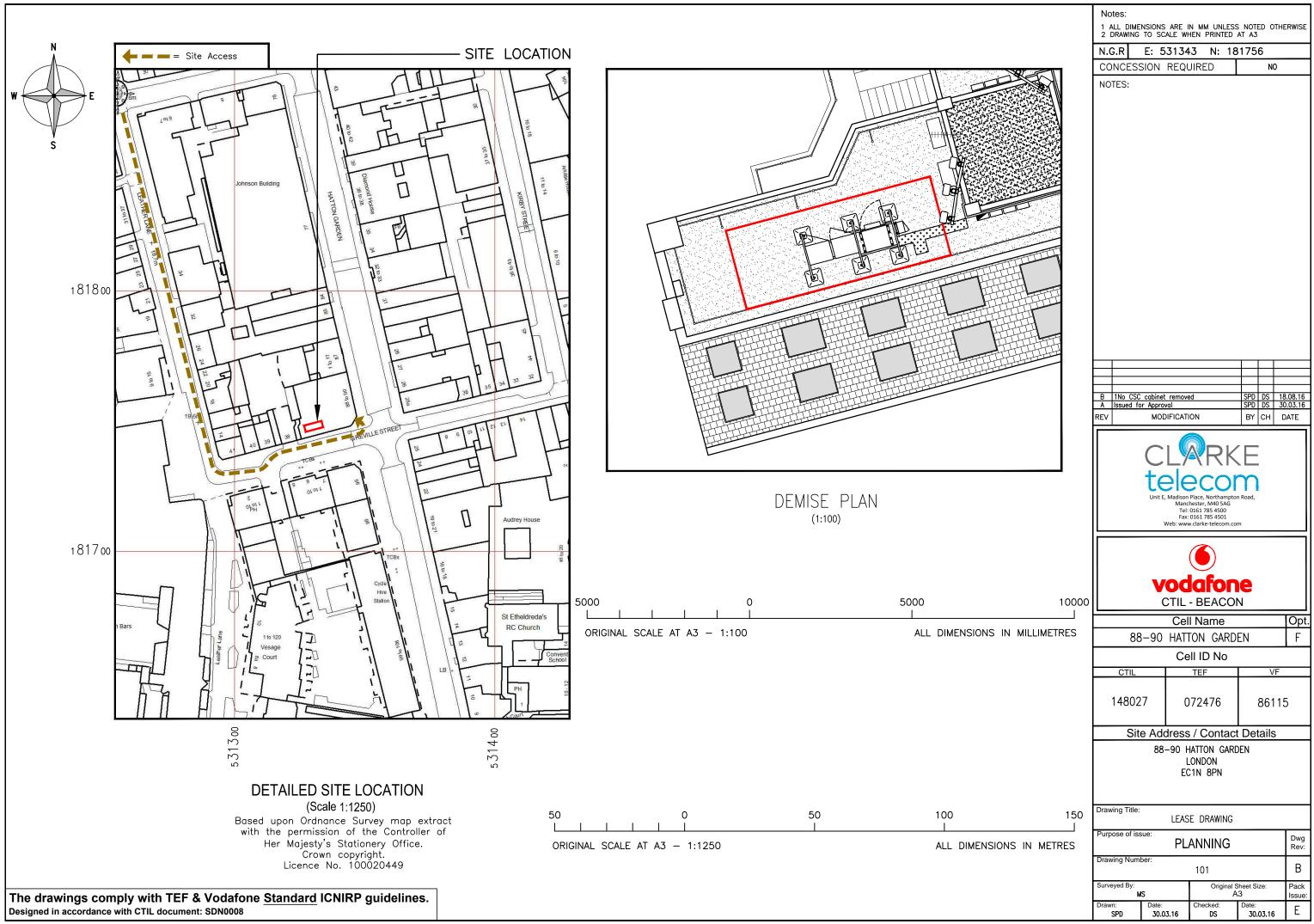
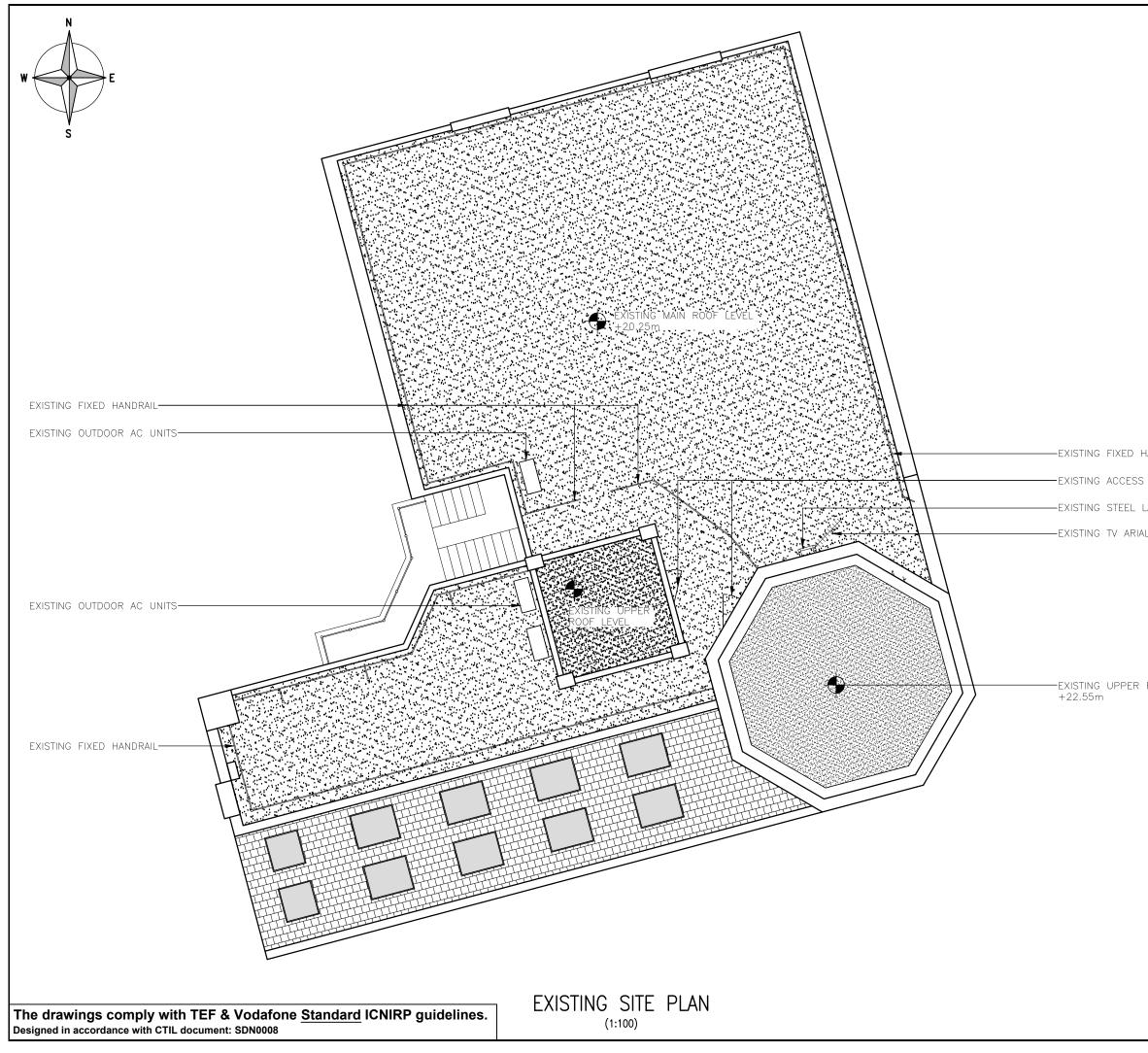
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| telecom | CTIL | TEF | | | VF | Site Addres | ^{ss} 88–90 | HATTON (| ARDEN | • |
| Unit E, Madison Place, Northampton Road, Manchester, M40 SAG Tel: 0161 785 4500 Fax: 0161 785 4501 Web: www.clarke-telecom.com | 148027 | 07247 | 76 | 8 | 6115 | | | LONDON EC1N 8PN | | |
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| Site Location Maps | 100 | | A | _ | A | A | A | A | | - |
| Lease Drawing | 101 | | A | - | A | A | B | B | | |
| Existing Site Plan | 200 | | | - | A | A | A | A | | |
| Proposed Site Plan | 201 | | A | - | A | A | B | C | | |
| Existing South Elevation | 300 | | | _ | A | A | A | A | | |
| Proposed South Elevation | 301 | | A | ┥ | A | B | C A | D | | |
| Antenna Layout | 400 | | A | ┥ | A | A | A | B | | |
| Equipment Layout | 401 | | A | ┥ | A | B | C A | C | | |
| Antenna Schedule | 500 | | A | \dashv | A | A | A | B | | |
| R.F. System Schematic | 501 | | A | _ | A | В | В | B | | |
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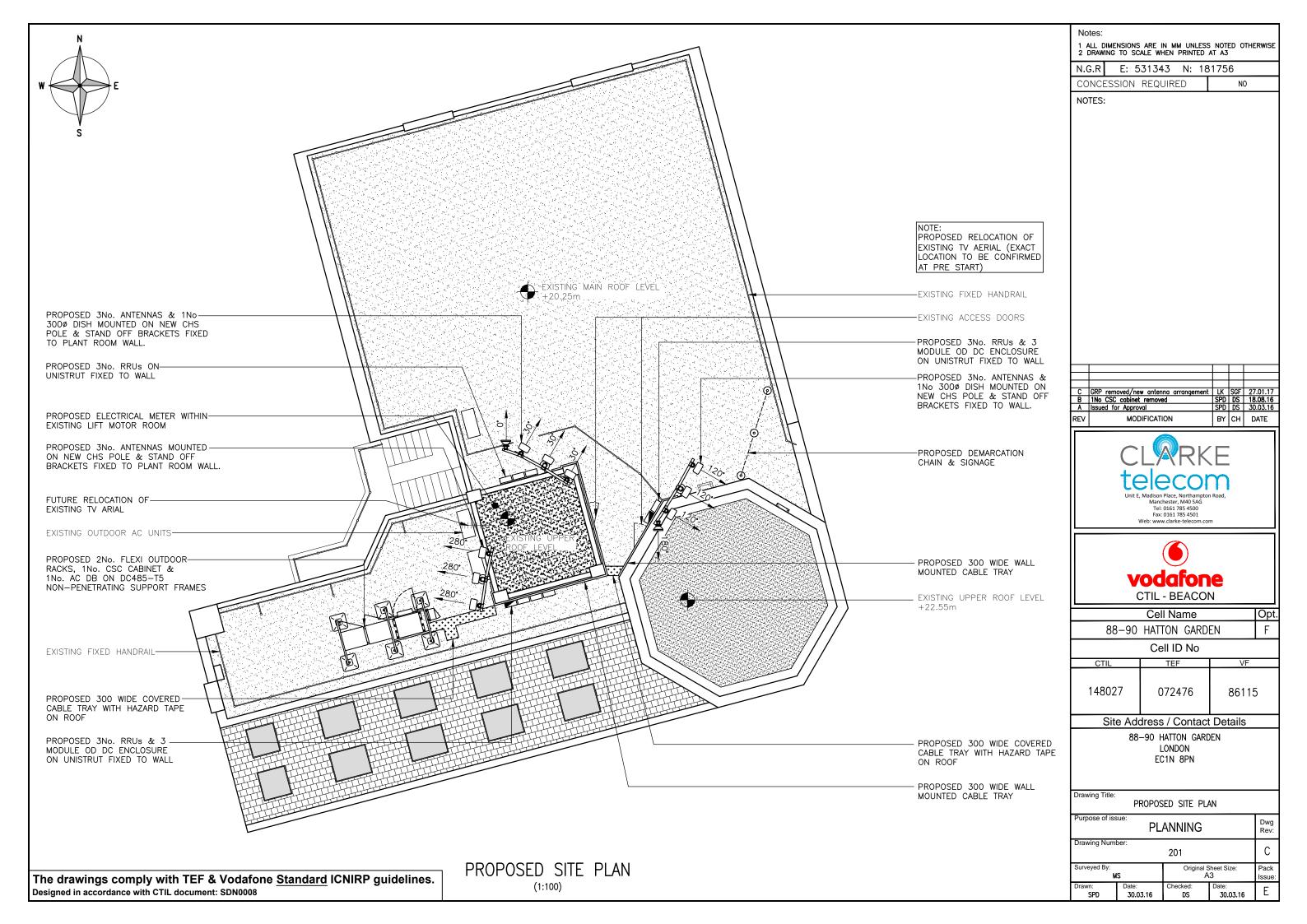


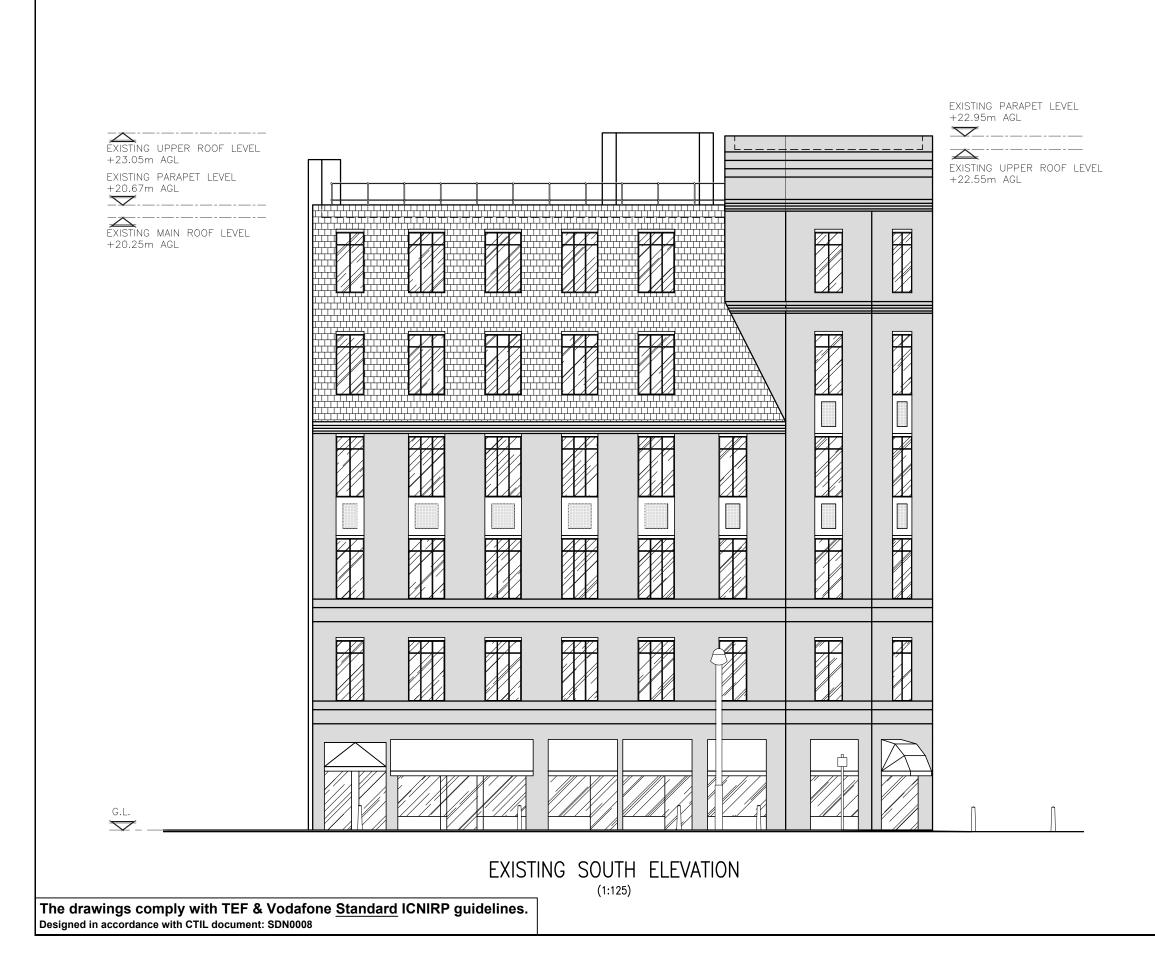




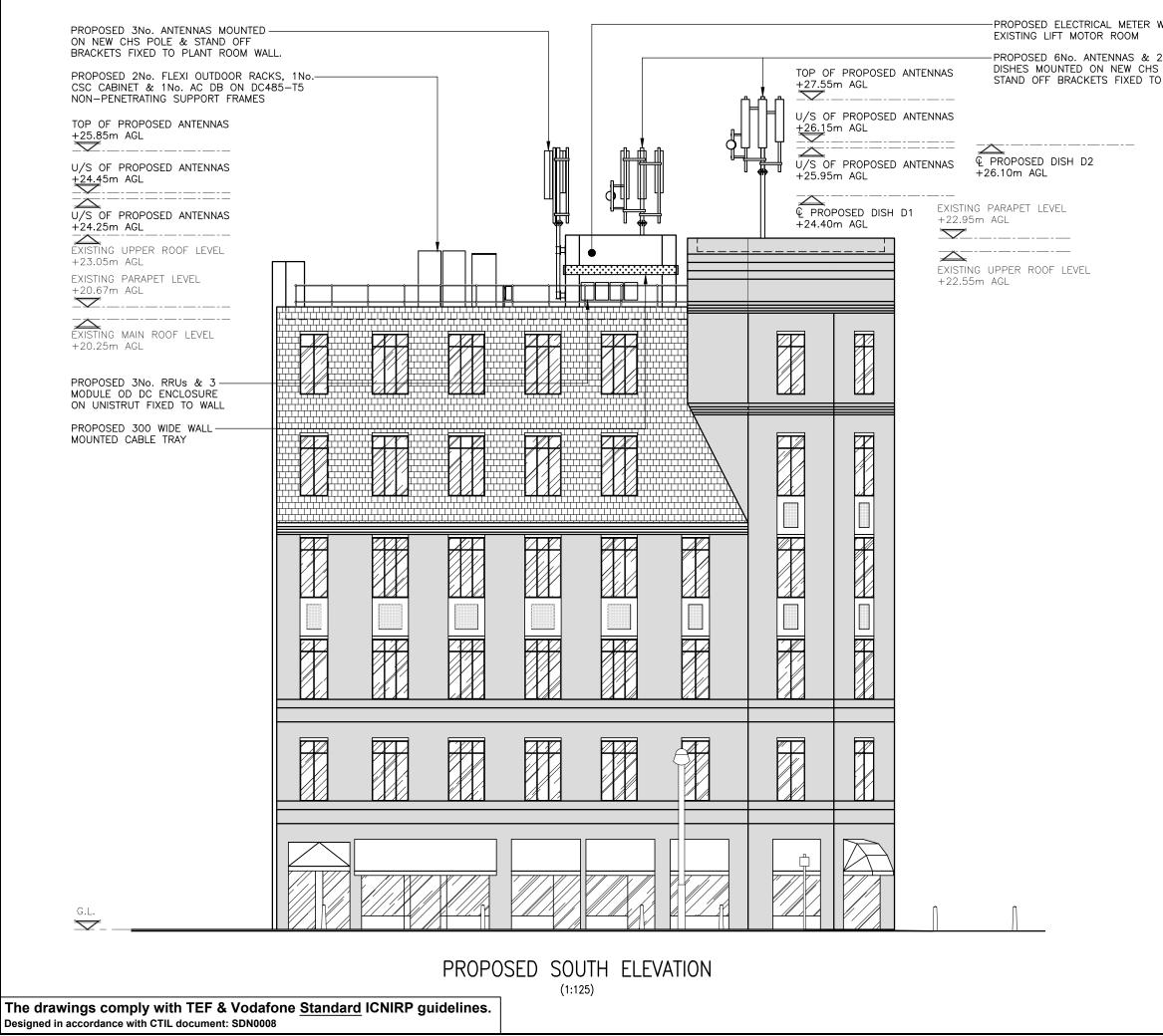


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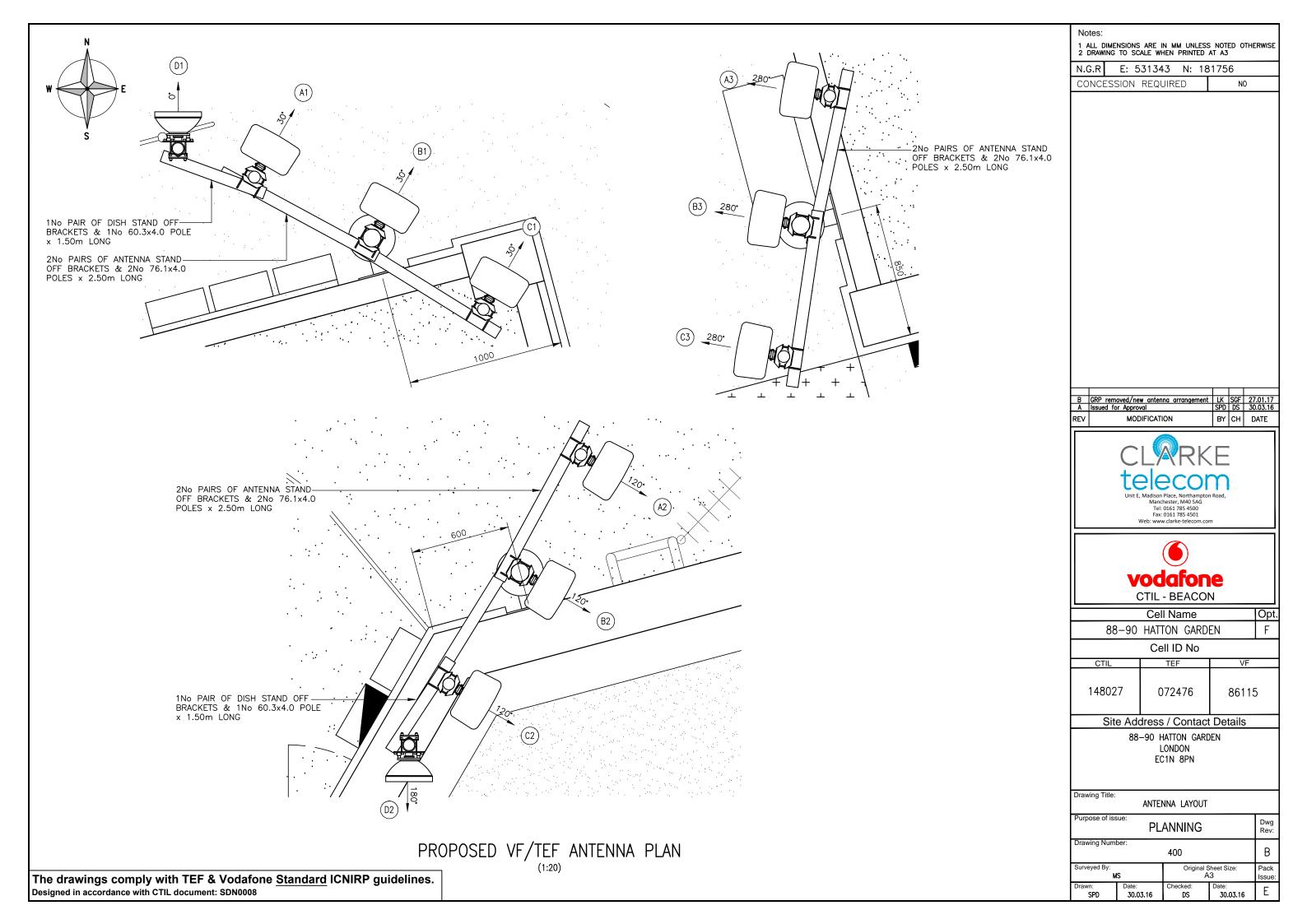


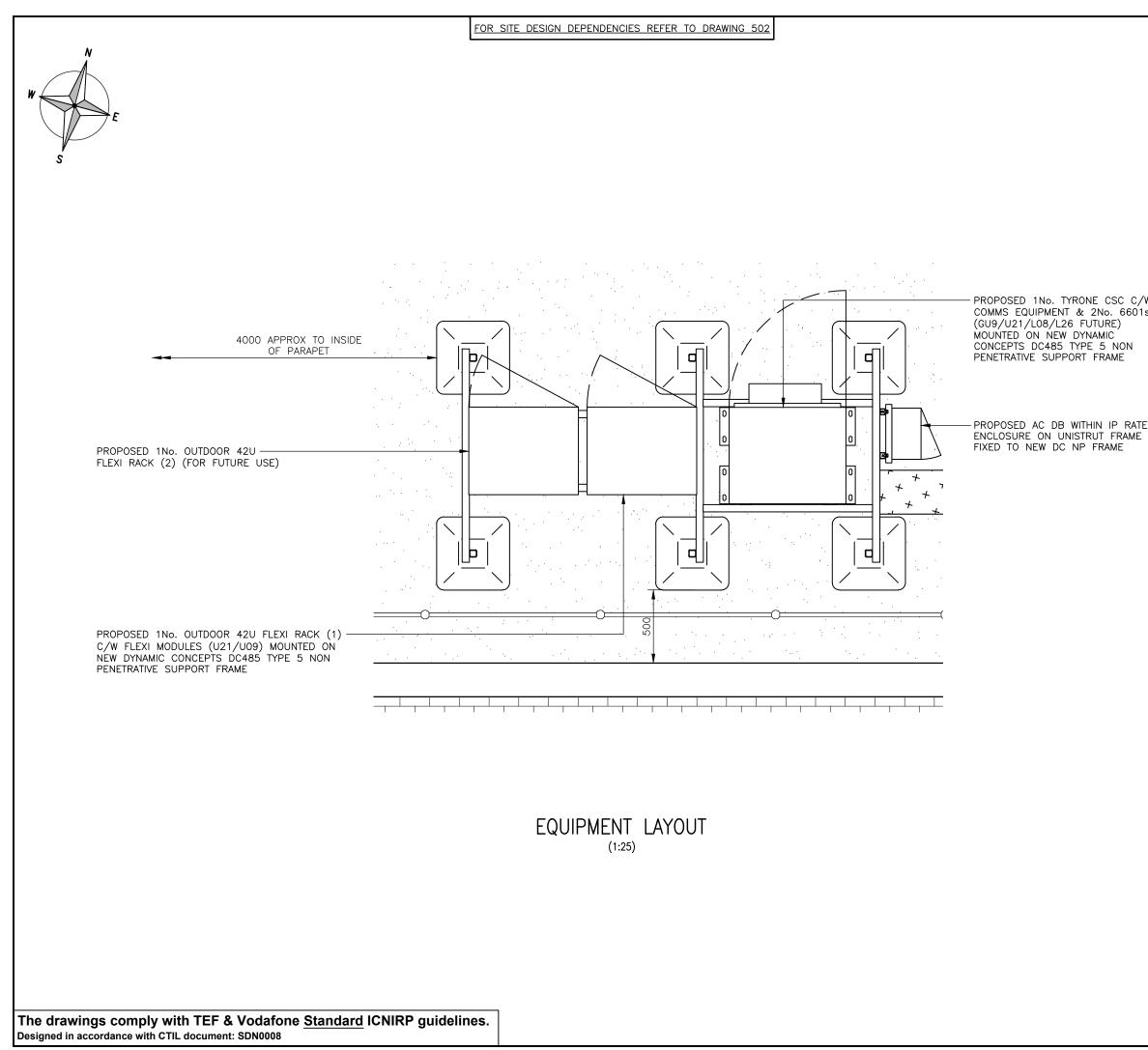


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| | CLARKE telecom |
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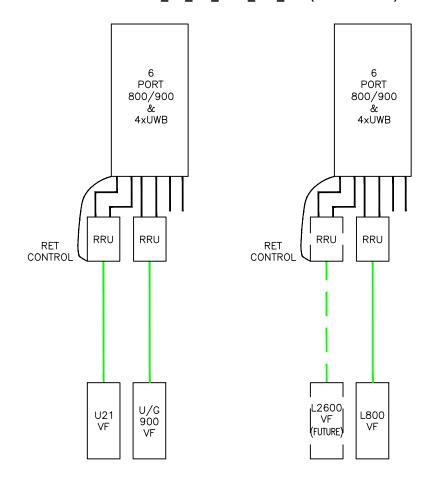
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| F | ΡĤ | UTURE (VF) | 3L26 | _ | - | _ | _ | - | _ | - | - | - | _ | _ | _ | - | _ | - | - | - | B3b | COMMSCOPE RVVPX306.11R | 280° 25.85 | 24.25 | 25.05 | POLE MOUNT | NEW | - |
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| | | TEF | 3U09 | ⁷ 8=15 | _ | _ | 15 | COAX | _ | 2 | - | - | _ | _ | _ | - | _ | - | _ | _ | C3a | COMMSCOPE | | | | | | _ |
| F | Ρ | TEF | | $\frac{7}{8} = 15$ | | _ | 15 | COAX | _ | 2 | - | _ | 1 | _ | _ | - | _ | _ | _ | _ | C3b | RVVPX305.10R3 (Q-CODE | 280° 25.85 | 24.45 | 25.15 | STAND OFF | NEW | _ |
| | Ŀ | SPARE | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | C3c | 65BUU14C6) | | | | BRACKET | F | _ |

| | | PROPOSED | DISH K | EY | | | | | | |
|---|----|----------|--------|----|--------|---|--|--|--|--|
| STATUS OPERATOR DISH REF DISH DIA BEARING HEIGHT TO CENTRE (AGL) LINK No. | | | | | | | | | | |
| PROPOSED | VF | D1 | 300ø | 0° | 24.40m | - | | | | |
| PROPOSED VF D2 300ø 180° 26.10m – | | | | | | | | | | |

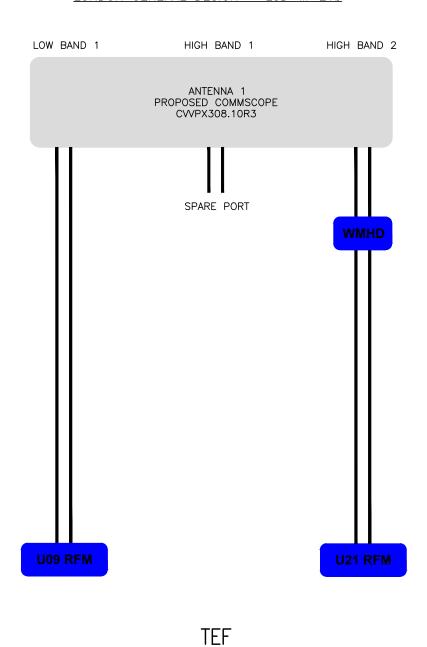
| | AN | INNA REFERENCE KEY FUNCTION KEY | | FUNCTION KEY | | STATUS KEY | OPE | RATOR KEY | FEEDER LENGTH & DIAMETER GUIDANCE NOTES |
|---|------|---------------------------------|-----|-----------------------------|------------|-----------------------------|-------|---------------|--|
| ſ | A= | ANTENNA GROUP (A–Z) | 1= | SECTOR (2,3 etc) | NEW = | NEW ONTO SITE | VF = | VODAFONE | TOTAL DISTANCE MEASURED FROM MHA TO BTS CABINET. NOTE: FOR STREET POLE |
| | 1 = | CELL No. (1, 2, 3) | U= | UMTS (G=GSM) (L=LTE) | EXISTING = | ON SITE AND NOT BEING MOVED | TEF = | TELEFONICA UK | TO INCLUDE THE $\frac{7}{6}$ FEEDER (TEF) & $\frac{1}{2}$ FEEDER (VFU21) PRE-RIGGED IN THE POLI DIAMETER VARIES THE LENGTHS ARE TO BE ITEMISED SEQUENTIALLY IN THE COLU |
| | b= | UNIQUE BAND REFERENCE | 21= | 2100 BAND (09=0900,18=1800) | RE-USE = | ON SITE BUT BEING MOVED | | | ANTENNA MHA TO THE BTS AS FOLLOWS: MAIN FEEDER; MAIN FEEDER JUMPER 1 |
| | DISH | Dish (1-13) | | | REMOVE = | REMOVED FROM SITE | | | JUMPER 2; TOTAL LENGTH. |

| | | 1 4 | | | | N MM UNLESS | | | ΓHE | RWISE |
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| D IN | REET POLES THE TOTAL IS THE POLE. IF FEEDER | Surve | eyed By: | | | Original S | | ize: | | Pack |
| | THE COLUMNS FROM THE JUMPER 1; MAIN FEEDER | Draw | M n: | S Date: | | A: Checked: | | | | Issue: |
| | | | spd | | 3.16 | DS | | .03.16 | | Ε |





VOD E_VF_UK_SRM_320_260 (G09, U09, U21) VOD E_VF_UK_SRM_310_001 (L08) VOD E_VF_UK_SRM_310_005 (L26 FUTURE)



RF SYSTEMS SCHEMATIC

LONDON GENERAL DESIGN - LGD-M-E1b

| Notes: 1 ALL DIMEN 2 DRAWING | ISIONS ARE TO SCALE W | in MM Unless (Hen Printed | S NOT AT A3 | ED O | THERWISE |
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| | | | SUPPORT STRUCTURE KEY | | | |
|-----------------------|--------|------------------|--|-------------------|--------|-------------------------------|
| EXISTING/ PROPOSED | HEIGHT | MANUFACTURER | TYPE | COLOUR/ FINISH | STATUS | COMMENTS |
| PROPOSED | N/A | DYNAMIC CONCEPTS | DC485 T5 G02 NON PENETRATIVE SUPPORT FRAME | GALVANISED | NEW | _ |
| PROPOSED | - | - | 1No. 139.7/114.30 SPLICED CHS POLES | GALVANISED | NEW | 6.20m O/ALL LENGTH |
| PROPOSED | - | - | 2No. 114.3øx6.3 SPLICED CHS POLES | GALVANISED | NEW | 5.50m 0/ALL LENGTH |
| PROPOSED | N/A | - | STAND OFF BRACKETS | GALVANISED | NEW | 6No PAIRS FOR ANTENNAS |
| PROPOSED | N/A | - | STAND OFF BRACKETS | GALVANISED | NEW | 2No PAIRS FOR DISHES |
| PROPOSED | - | - | 6No. 76.10 CHS POLES | GALVANISED | NEW | 6No x 2.50m LONG FOR ANTENNAS |
| PROPOSED | _ | - | 2No. 60.30 CHS POLES | GALVANISED | NEW | 2No x 1.50m LONG FOR DISHES |

| | EQUIPMENT KEY | | | | | | | | | | | | | |
|-----------------------|---------------|--------------|-----------------------|--------------|-----------------|--------|-------------|--|--|--|--|--|--|--|
| EXISTING/ PROPOSED | OPERATOR | MANUFACTURER | TYPE | SIZE (WxDxH) | COLOUR | STATUS | COMMENTS | | | | | | | |
| PROPOSED | TEF | NOKIA | 42U OD FLEXI RACK (1) | 600x750x1975 | GREY (RAL 7035) | NEW | U21/U09 | | | | | | | |
| PROPOSED | TEF | NOKIA | 42U OD FLEXI RACK (2) | 600x750x1975 | GREY (RAL 7035) | - | FUTURE USE | | | | | | | |
| PROPOSED | VF | TYRONE | CSC CABINET | 800x660x1770 | GREY (RAL 7035) | NEW | U21/GU9/L08 | | | | | | | |
| PROPOSED | VF | ERICSSON | 3No. RRUS (800) | 383x169X636 | GREY | NEW | _ | | | | | | | |
| PROPOSED | VF | ERICSSON | 3No. RRUS (900) | 383x169X636 | GREY | NEW | _ | | | | | | | |
| PROPOSED | VF | ERICSSON | 3No. RRUS (2100) | 383x169X636 | GREY | NEW | - | | | | | | | |
| PROPOSED | VF | ERICSSON | 3No. RRUS (2600) | 383x169X636 | GREY | - | FUTURE | | | | | | | |

| | POWER SUPPLY/ SOURCE | | | | | | | | |
|-----------------------|----------------------|--------------|-----------------|--------------|-----------------|--------|--|--|--|
| EXISTING/ PROPOSED | OPERATOR | MANUFACTURER | TYPE | SIZE (mm) | COLOUR | STATUS | COMMENTS | | |
| PROPOSED | VF | - | AC DB | 450x350x200 | GREY (RAL 7035) | NEW | L/L SUPPLY (WITHIN IP RATED ENCLOSURE) | | |
| PROPOSED | VF | TYRONE | CSC CABINET | 800x660x1770 | GREY (RAL 7035) | NEW | - | | |
| PROPOSED | TEF | ICD | OD DC ENCLOSURE | 450x350x200 | GREY (RAL 7035) | NEW | (WITHIN IP RATED ENCLOSURE) | | |

| TRANSMISSION ENCLOSURE | | | | | | | |
|-----------------------------|-----|--|----------------------|---|--|----------|--|
| EXISTING/PROPOSED ENCLOSURE | | TRANSMISSION SOLUTION MICROWAVE ONLY/FIBRE/ONLY (WITH PROVIDER NAME)/MICROWAVE+ FIBRE (WITH PROVIDER NAME) | U SPACE AVAILABLE | CURRENT TRANSMISSION KIT LOCATION | PROPOSED TRANSMISSION KIT LOCATION | COMMENTS | |
| PROPOSED | CSC | MICROWAVE+FIBRE (SUPPLIER TBC) | 7 | - | Х | - | |

| Notes: 1 ALL DIMENSIONS | | | | | | тні | ERWISE | |
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| 2 DRAWING TO SCALE WHEN PRINTED AT A3 N.G.R E: 531343 N: 181756 | | | | | | | | |
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| TRIAL DIG | | | | | | | NO | |
| GEOTECH | | | | | | | | |
| GDC | | | | | | | | |
| BOLT PULL- | | | | | | | NO | |
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| REV MOD | DIFICATI | ON | | BY | СН | [| DATE | |
| Unit E, Madison Place, Northampton Road, Manchester, M40 5AG Tel: 0161 785 4500 Fax: 0161 785 4501 Web: www.clarke-telecom.com | | | | | | | | |
| vodafone | | | | | | | | |
| CTIL - BEACON Cell Name Opt. | | | | | | | | |
| 88–90 HATTON GARDEN | | | | | | | F | |
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| Site Address / Contact Details | | | | | | | | |
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| Drawing Title: | | ENT SCHE | EDUL | .E | | | | |
| | | | | | | | Dwg Rev: | |
| Drawing Number: 502 | | | | | | D | | |
| Surveyed By: Original Sheet Size: MS A3 | | | | | | Pack Issue: | | |
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| L SP0 L 30.0 | 0.16 | DS | | - 30. | U3.16 |) | 1 - | |