



EXISTING 390mmØ OLO TRANSMISSION DISH AND APPROX L.O.S (LINE OF SIGHT) AT APPROX 1650mm ABOVE MAIN ROOF LEVEL WITH L.O.S (LINE OF SIGHT) SHOWN THUS TRANSMISSION DISH LINKS TYPICALLY HAVE VERY LOW OUTPUT POWERS AND SO IN MOST CASES CAN BE CONSIDERED TO BE 'SAFE TO TOUCH' MEANING THEY PRESENT NO RF RISK TO HEALTH AS ICNIRP EXPOSURE LEVELS ARE NOT EXCEEDED AT THE SURFACE OF THE DISH - THEREFORE THE LOW LEVEL DISH LINK THAT WAS OBSERVED IS CONSIDERED SAFE, HOWEVER SUBJECT TO CONFIRMATION FROM DISH OWNER

PROPOSED 6No. METRONET UK ANTENNAS INSTALLED ON NEW 1.6m x 1.6m PROPRIETY FREESTANDING PLATFORM c/w 2.3m HIGH SUPPORT POST AND U-HORN BRACKETS

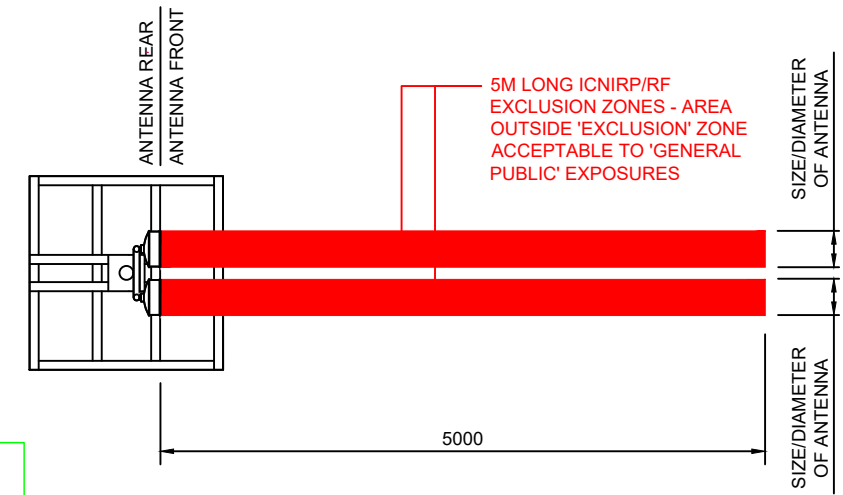
PROPOSED DEMARCATION CHAIN TO SPAN BETWEEN METRONET FREESTANDING SUPPORT POLE AND EXISTING PARAPET TO RESTRICT ACCESS TO FRONT OF METRONET ANTENNAS

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5M LONG ICNIRP RESTRICTED ZONES

AWAIT INFORMATION FROM LANDLORD (COUNCIL) RE EXISTING THIRD PARTY EQUIPMENT TO CENTRAL PLANT ROOF AREA i.e. EXTENT OF 'LIVE'/OPERATIONAL' EQUIPMENT AND WHETHER POWER OUTPUT LEVELS ARE RELEVANT TO ICNIRP REGULATIONS

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PLAN - METRONET UK ICNIRP/RF RESTRICTED EXCLUSION ZONE (NO ACCESS)

RADIO FREQUENCY (RF) STANDARDS

THE RADIATION PROTECTION DIVISION OF THE HEALTH PROTECTION AGENCY (HPA) IS AN INDEPENDENT BODY THAT HAS RESPONSIBILITY FOR ADVISING UK GOVERNMENT DEPARTMENTS ON STANDARDS OF PROTECTION FOR EXPOSURE TO RF. THE HPA MEASURE RF EXPOSURE AGAINST GUIDELINES CREATED BY THE INTERNATIONAL COMMISSION FOR NON-IONISING RADIATION PROTECTION (ICNIRP). THE GUIDELINES ISSUED BY ICNIRP TAKE ALL RADIO FREQUENCIES AND HEALTH EFFECTS INTO CONSIDERATION AND PROVIDE REFERENCE LEVELS/ZONES WITH BUILT-IN SAFETY MARGINS FOR BOTH 'WORKER' AND 'GENERAL PUBLIC' EXPOSURES

EXISTING TRANSMISSION DISHES HAVE VERY LOW OUTPUT POWERS AND THEREFORE CAN BE CONSIDERED 'SAFE TO TOUCH' MEANING THAT THEY PRESENT NO RF RISK TO HEALTH AS ICNIRP EXPOSURE LEVELS ARE NOT EXCEEDED AT THE SURFACE OF THE DISH. IT IS WORTH NOTING THAT THEY ARE TYPICALLY LOCATED SUCH THAT ANY INDIVIDUAL ACCESSING ROOF AREAS CAN NOT GET IN FRONT OF THEM SINCE THE SHADOWING CAUSED BY SUCH A BLOCKAGE COULD LEAD TO AN INTERRUPTION IN SERVICE

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KEY:

- SD = SATELLITE DISH
- VP = VENT PIPE
- DP = DRAIN PIPE
- SC = SECURITY CAMERA
- SQ = SQUARE PANEL ANTENNA
- FP = FLAT PANEL ANTENNA

EXISTING THIRD PARTY COFDM (DIGITAL CCTV/VIDEO SURVEILLANCE EQUIPMENT). FURTHER DETAILS TO BE SOURCED FROM LANDLORD (COUNCIL) TO VERIFY

PROPOSED ICNIRP ROOF PLAN - FINAL ORIENTATION AND BEARINGS OF METRONET UK ANTENNAS/DISHES TBA

(SCALE 1:125)

NOTES:

- DO NOT SCALE. ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE. IF IN ANY DOUBT - PLEASE ASK!
- ALL PROPOSED METRONET UK EQUIPMENT SHOWN IN GREEN

A	06.06.17	PLANNING	MF	MP
REV	DATE	DESCRIPTION	DRAWN	CHKD



DRAWING STATUS
PLANNING
CELL No & NAME
DALEHEAD

SITE NAME AND ADDRESS
DALEHEAD
HARRINGTON SQUARE
CAMDEN TOWN
LONDON
NW1 2JL

DRAWING TITLE
ICNIRP PLAN

SCALE	AS SHOWN	DATE	06.06.17
DRAWN BY	MF	CHECKED BY	MP

DRG No.	UK.LON.DALEHEAD/104	Rev	A
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