

EXISTING EQUIPMENT

CABINET DETAILS:

BTS 3900A (SIDE BY SIDE) ON 200 PLINTHS ON RBS ROOT FOUNDATION
DIMENSIONS: 1200x480x900 HIGH
MATERIAL: STEEL
COLOUR: GREY

UMTS DORSET CABINET WITH FLEXI UNITS AND UCU'S ON ROOT
DIMENSIONS: 1465X650X1400 HIGH
MATERIAL: STEEL
COLOUR: GREEN

MK4 LINK/AC CABINET ON ROOT
DIMENSIONS: 600x500x1531 HIGH
MATERIAL: STEEL
COLOUR: GREY

TOWER DETAILS
OPCS SW TOWER ON ROOT FOUNDATION

PROPOSED EQUIPMENT

CABINET DETAILS:

POGONA ON ROOT FOUNDATION
DIMENSIONS: 1230x400x1032 HIGH
MATERIAL: STEEL
COLOUR: GREEN

TOWER DETAILS
PHASE 5 STREETWORKS TOWER WITH GRP SHROUDED HEADFRAME MOUNTED ON NEW ROOT FOUNDATION
COLOUR: GALVANISED
HEADFRAME SHROUD COLOUR: GREY

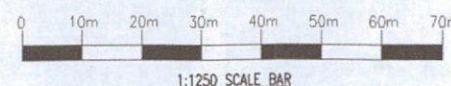
EXISTING TOWER, ANTENNA AND FEEDERS TO BE REPLACED WITH STREETWORKS TOWER MOUNTED ON NEW ROOT FOUNDATION. NEW FEEDERS TO RUN ALONG EXISTING ROUTE TO UCU'S TO MAINTAIN EXISTING SYSTEM. NEW LNA'S AND FEEDERS INSTALLED TO NEW POGONA CABINET. NEW 40A BREAKER TO BE INSTALLED IN EXISTING DISTRIBUTION BOARD FOR AC POGONA POWER SUPPLY.



LOCATION PLAN

NGR E 441095
NGR N 404496

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LICENCE NUMBER 100020449



EXCLUSION ZONES CONFORM TO THE ICNIRP
REFERENCE LEVEL FOR LIMITED EXPOSURE TO
MEMBERS OF THE GENERAL PUBLIC

RD10091 (R1.0) COV. CONFIG. C2s/i/2
RD10009 (R1.0) CONFIG. U-C2

No.	Revision	Date	By	ckd
A1	ISSUED FOR APPROVAL	29.04.16	DBG	REM

MBNL

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Site Name & Address:
116 BARNSELY ROAD, DARFIELD,
BARNSELY, SOUTH YORKSHIRE,
S73 9DE

Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
SITE LOCATION

Purpose of Issue:
APPROVAL

Drawing No:
BAR101 - 01

Cell No: SYK7014
MBNL Ref: BAR101

Issue:	Scale: AS STATED	Ch'd: REM	Date: 28.04.16
A1	Drn: MP	Date: 27.04.16	App: REM
			Date: 28.04.16

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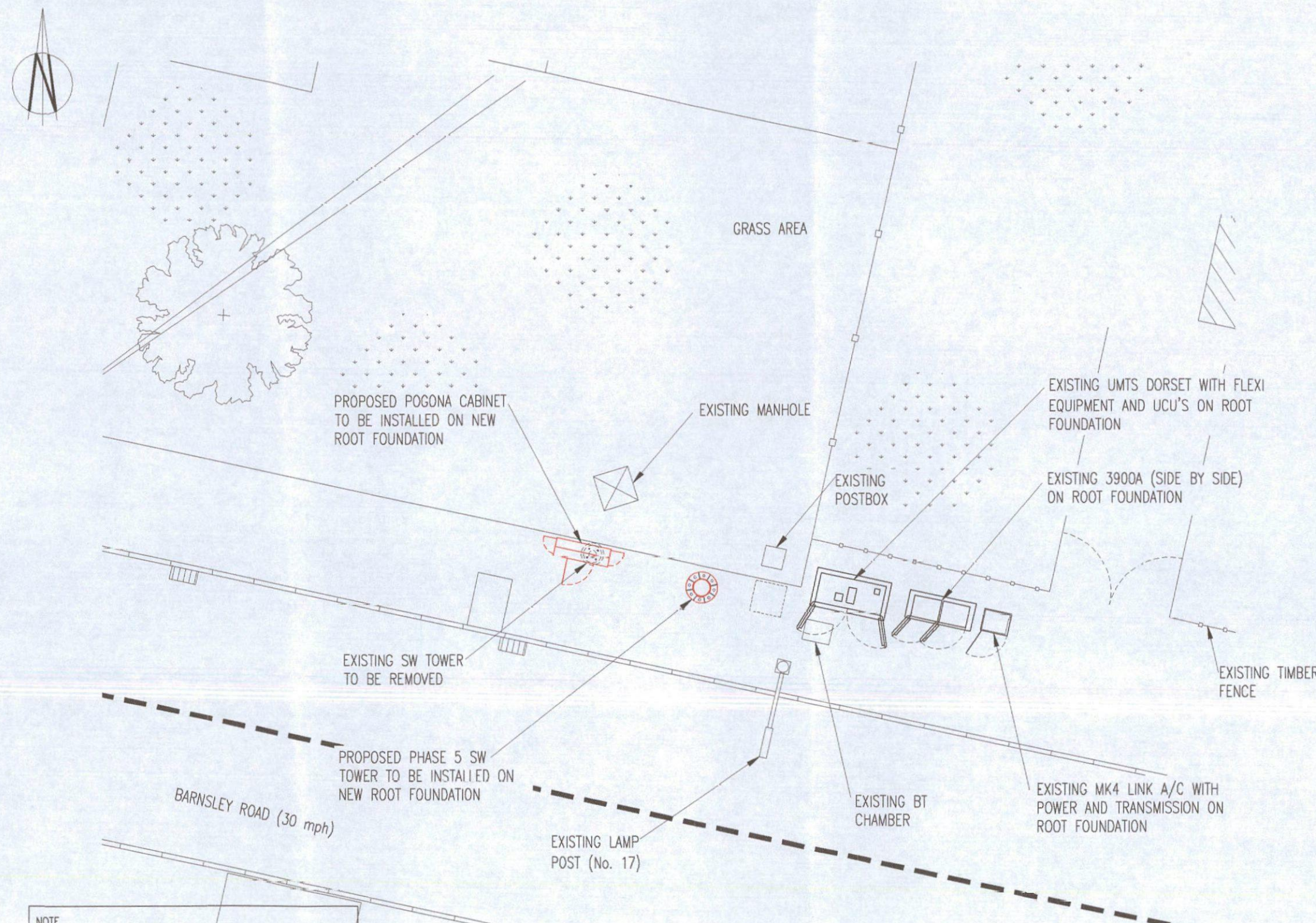
Title:
**PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
SITE LAYOUT**

Purpose of Issue:
APPROVAL

Drawing No:
BAR101 - 02

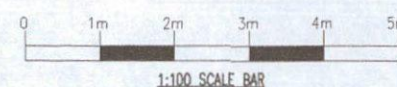
Cell No: SYK7014	MBNL Ref: BAR101
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Issue: A1	Scale: AS STATED	Ch'd: REM	Date: 28.04.16
Drn: MP	Date: 27.04.16	App: REM	Date: 28.04.16



- NOTE
1. STREETWORKS SAFETY SIGN ATTACHED TO TOWER 2000 BELOW ANTENNA ON ACCESS SIDE
 2. ELECTRICAL SAFETY SIGN TO BE FITTED ON OUTSIDE OF METER CABINET DOOR (SECURE FLEXI)
 3. ENTRY SIGN TO BE FITTED ON INSIDE OF STREETWORKS CABINET DOORS
 4. ANTENNA-1 SAFETY SIGN TO BE FITTED TO TOWER 200 BELOW EACH ANTENNA ON BORE SIGHT

SITE PLAN



LOCATION OF PROPOSED SAMSUNG CABINET:-
DMS: 53:32:7.854N 1:22:53.172W

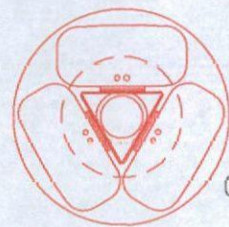
EXISTING TOWER TO BE REPLACED WITH
NEW SW TOWER ON NEW FOUNDATION.
ANTENNA AND FEEDERS TO BE REPLACED

NEW LNA's & ANTENNAS TO BE
INSTALLED FOR NEW CABINET



C1/uA1 & HeA1 & - (0°)

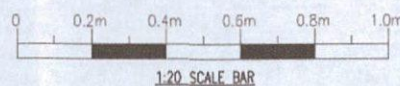
C3/uC1 & HeC1 & - (240°)



C2/uB1 & HeB1 & - (120°)

ANTENNA DETAILS

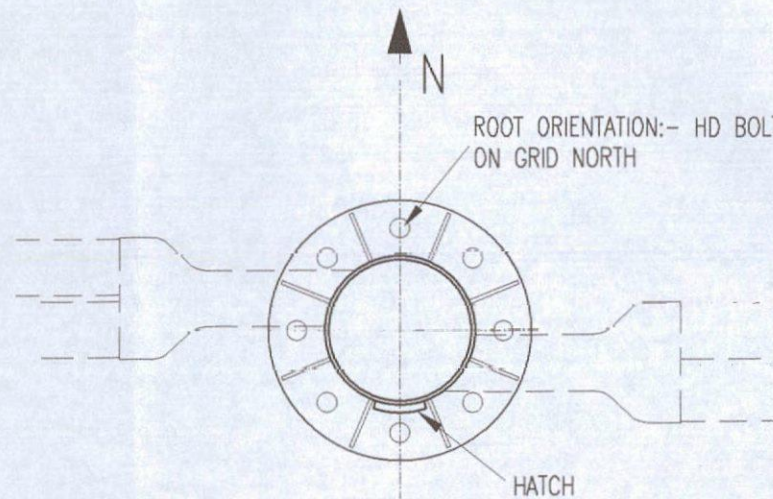
SCALE 1:20



1:20 SCALE BAR

TOWER BASE PLAN

SCALE 1:20



ROOT ORIENTATION:- HD BOLT
ON GRID NORTH

HATCH

PROPOSED 150 DIA. SPARE
DUCT FOR FUTURE USE

EXISTING SW TOWER
TO BE REMOVED

PROPOSED POGONA CABINET
TO BE INSTALLED ON NEW
ROOT FOUNDATION

PROPOSED 2No REPLACEMENT
150 DIA. DUCTS FOR FEEDERS
FROM TOWER TO DRAWPIT

PROPOSED 600X600 MIN ID DRAWPIT OVER
EXISTING FEEDER DUCT FOR NEW FEEDER
C/W SECURE STEEL COVER

EXISTING UMTS DORSET WITH FLEXI
EQUIPMENT AND UCU'S ON ROOT FOUNDATION

EXISTING 3900A (SIDE BY SIDE)
ON ROOT FOUNDATION

2 No 150 DIA. DUCTS FOR NEW
FEEDERS TO POGONA

PROPOSED PHASE 5 SW
TOWER TO BE INSTALLED ON
NEW ROOT FOUNDATION

EXISTING MK4 LINK A/C WITH
POWER AND TRANSMISSION
ON ROOT FOUNDATION

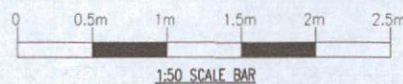
PROPOSED 100 DIA. DUCT FOR
NEW TRANSMISSION SUPPLY
FROM LINK A/C

PROPOSED 100 DIA. DUCT
FOR NEW POWER SUPPLY
FROM LINK A/C

EXISTING LAMP
POST (No. 17)

BARNSELY ROAD (30 mph)

EQUIPMENT LAYOUT



1:50 SCALE BAR

LOCATION OF TRANSMISSION EQUIPMENT SUBJECT TO
CHANGE/UPGRADE. CONTRACTOR TO VERIFY CONNECTION
POINT FROM LIVE TX INFORMATION AND ON SITE PRIOR
TO DUCT INSTALLATION

NOTE. PROPOSED POGONA CABINET TO BE INSTALLED STRICTLY IN
ACCORDANCE WITH MANUFACTURERS DETAILS. REFER TO DESIGN
GUIDE FOR ELECTRICAL, EARTHING, TRANSMISSION, ALARM DETAILS,
ETC. NEW 40A BREAKER TO BE INSTALLED IN EXISTING
DISTRIBUTION BOARD FOR POGONA POWER SUPPLY. MAKE OF
BREAKER MUST MATCH MAKE OF DB

RD10091 (R1.0) COV. CONFIG.

C2s/i/2

RD10009 (R1.0) CONFIG.

U-C2

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Title:

PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
EQUIPMENT LAYOUT

Purpose of Issue:

APPROVAL

Drawing No:

BAR101 - 03

Cell No:

SYK7014

MBNL Ref:

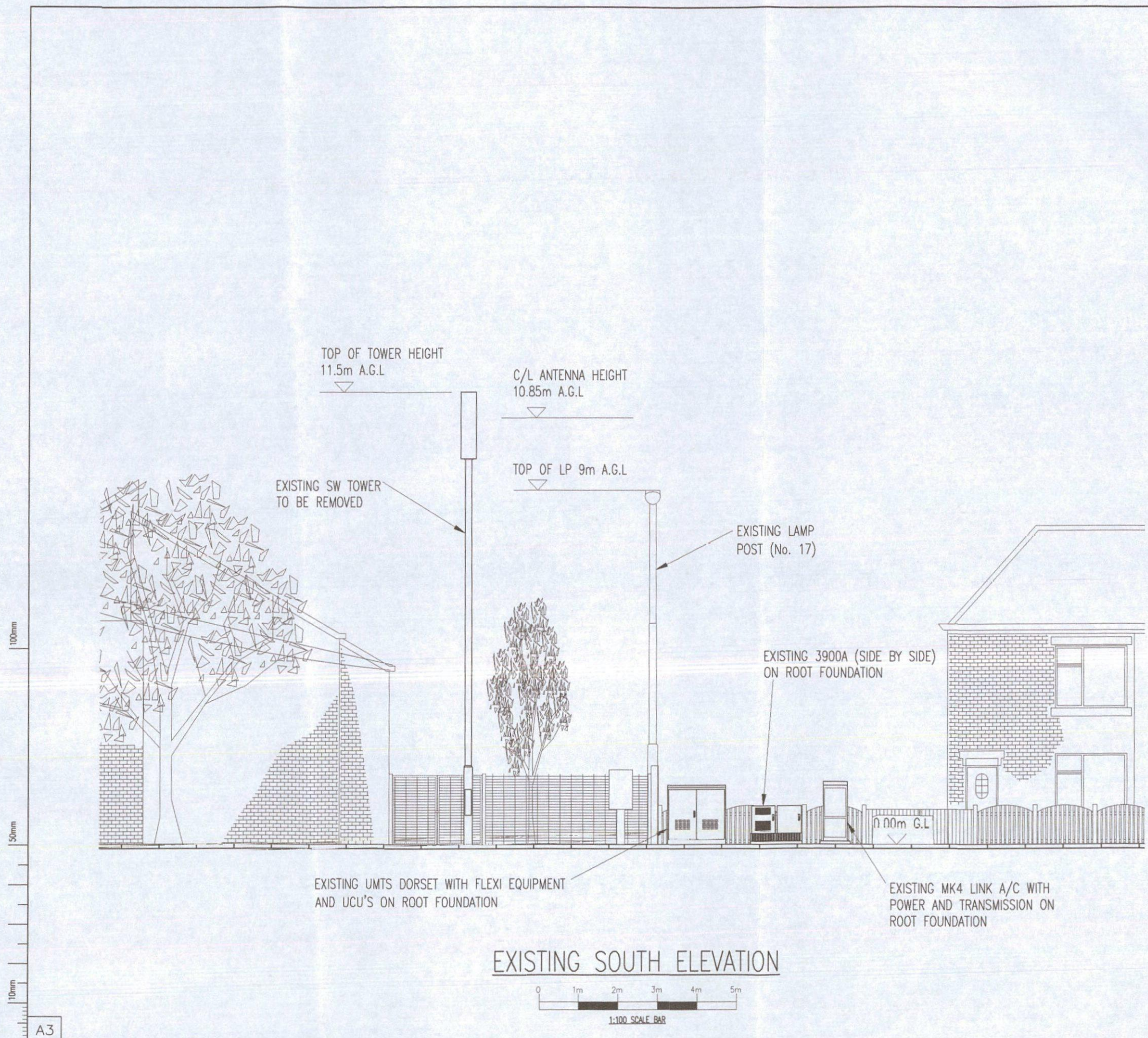
BAR101

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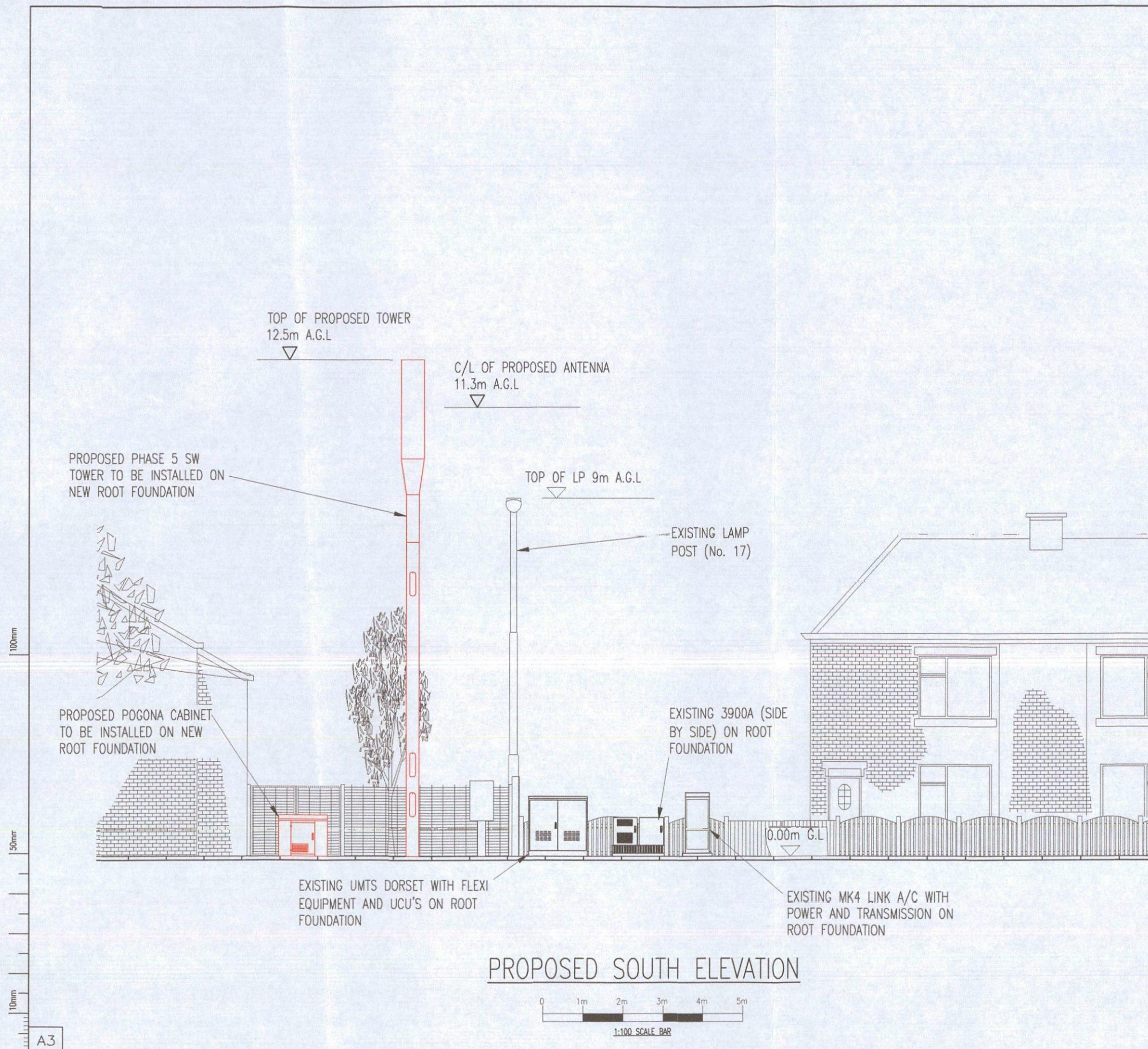
Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
EXISTING SITE ELEVATION

Purpose of Issue:
APPROVAL

Drawing No:
BAR101 - 04

Cell No: SYK7014	MBNL Ref: BAR101
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