EXISTING EQUIPMENT

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

FLEXI UNITS & UCU's WITHIN FREDO ENCLOSURE ON ROOT (GSM/UMTS)
DIMENSIONS: 900x800x1240 HIGH
MATERIAL: STEEL
COLOUR: GREY

LINK/AC CABINET ON ROOT
DIMENSIONS: 600x500x1240 HIGH
MATERIAL: STEEL
COLOUR: GREY

TYPE 1 DIPLEXOR BOX ON CONCRETE PLINTH
DIMENSIONS: 600x500x1320 HIGH
MATERIAL: STEEL
COLOUR: GREY

TOWER DETAILS
15m PHASE 3 STREETWORKS TOWER WITH GRP SHROUDED HEADFRAME
OVERALL TOWER HEIGHT: 14.7m
COLOUR: GALVANISED
HEADFRAME SHROUD COLOUR: GREY

PROPOSED EQUIPMENT

CABINET DETAILS:

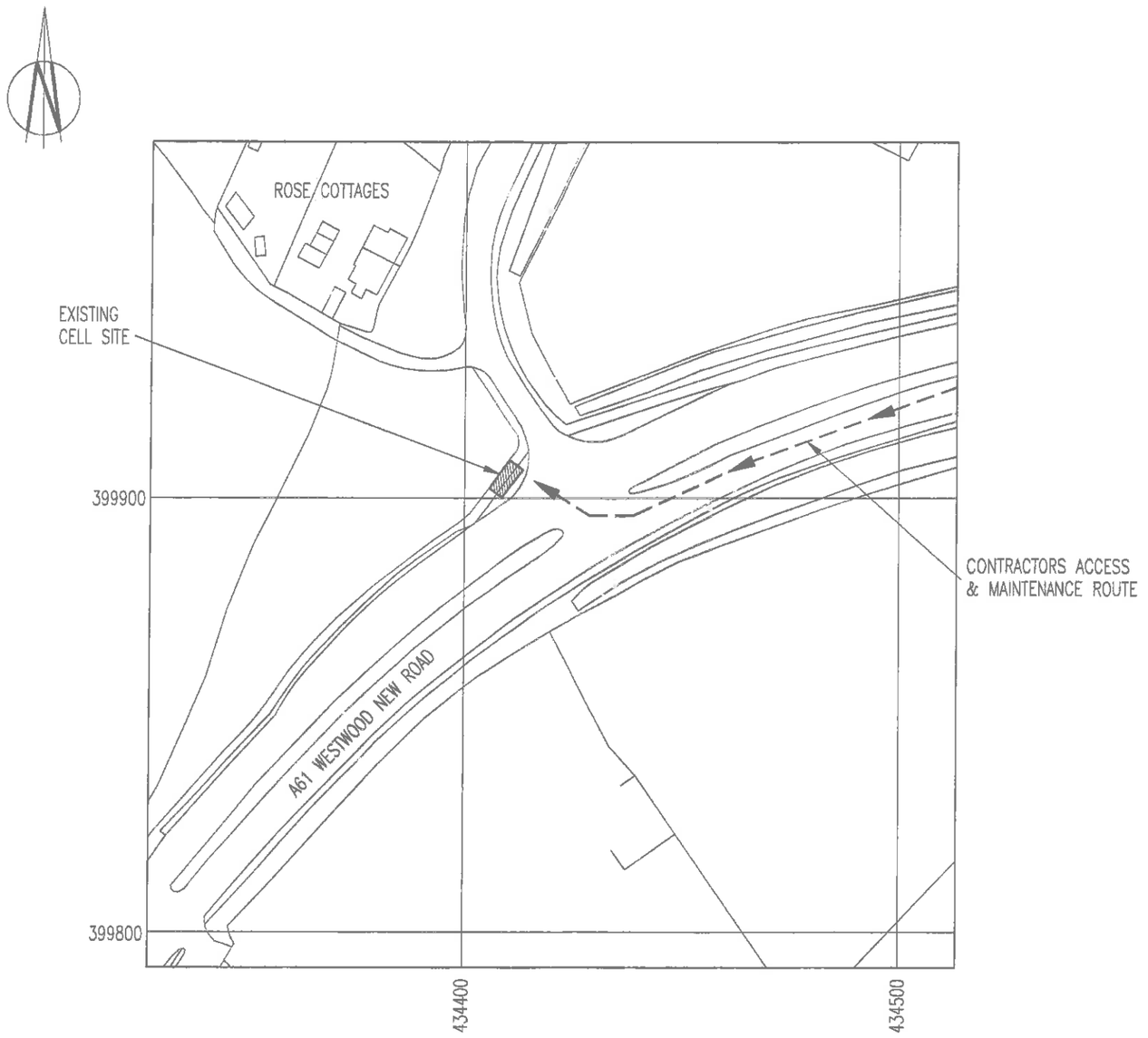
POGONA ON ROOT FOUNDATION
DIMENSIONS: 1230x400x1032 HIGH
MATERIAL: STEEL
COLOUR: GREY

TOWER DETAILS
14.7m SPECIAL PHASE 5 STREETWORKS TOWER WITH GRP SHROUDED HEADFRAME MOUNTED ON NEW ROOT FOUNDATION
COLOUR: GALVANISED
HEADFRAME SHROUD COLOUR: GREY

EXISTING TOWER & ANTENNA TO BE REMOVED. NEW TOWER TO BE INSTALLED WITH NEW DUALBAND ANTENNA. EXISTING WIDEBAND LNA's TO BE RELOCATED TO NEW TOWER. NEW GSM LNA's TO BE INSTALLED. EXISTING FEEDERS TO BE REDIRECTED TO NEW TOWER & NEW FEEDERS INSTALLED IN NEW TOWER.

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

A3



LOCATION PLAN

NGR E 434408
NGR N 399911

SCALE 1:1250

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

No.	Revision	Date	By	ckd
A1	ISSUED FOR APPROVAL	18/02/15	CRG	AW

MBNL
6 Anglo Office Park
67 White Lion Road
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HP7 9FB
Tel: 01494 762 923
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WHP Wilkinson Helsby
Unit 17B, Astley Way Industrial Estate
Astley lane, Swillington, Leeds
LS26 8XT
Tel: 0113 3023650 Fax: 0113 2876834
e-mail: info@wilkinson-helsby.co.uk

Site Name & Address:
WESTWOOD NEW ROAD SW,
TANKERSLEY, BARNSLEY,
SOUTH YORKSHIRE, S75 3DG

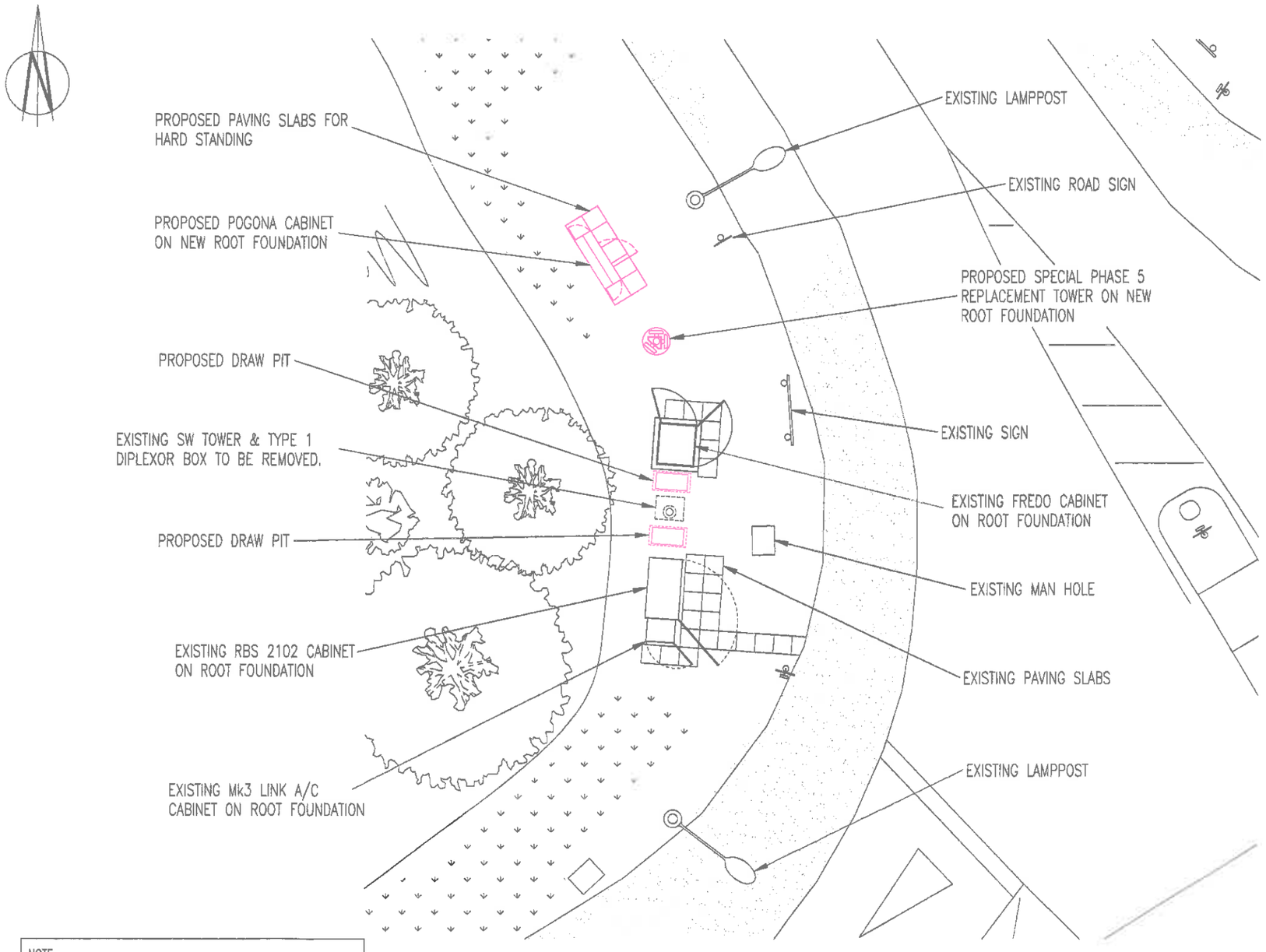
Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
SITE LOCATION

Purpose of Issue:
APPROVAL

Drawing No:
75117 – 01

Cell No:	MBNL ID:
75117	BAR014

Issue:	Scale:	Ch'd:	Date:
A1	AS STATED	AW	18/02/15
	Drn: CRG Date: 12/02/15	App: AW	Date: 18/02/15



SITE PLAN

SCALE 1:100

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 (LINK AC)

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

LOCATION OF PROPOSED SAMSUNG CABINET:-
DMS: 53:29:41.223N 1:28:58.173W

A3

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

No.	Revision	Date	By	ckd
A1	ISSUED FOR APPROVAL	18/02/15	CRG	AW

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Site Name & Address:
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TANKERSLEY, BARNSLEY,
SOUTH YORKSHIRE, S75 3DG

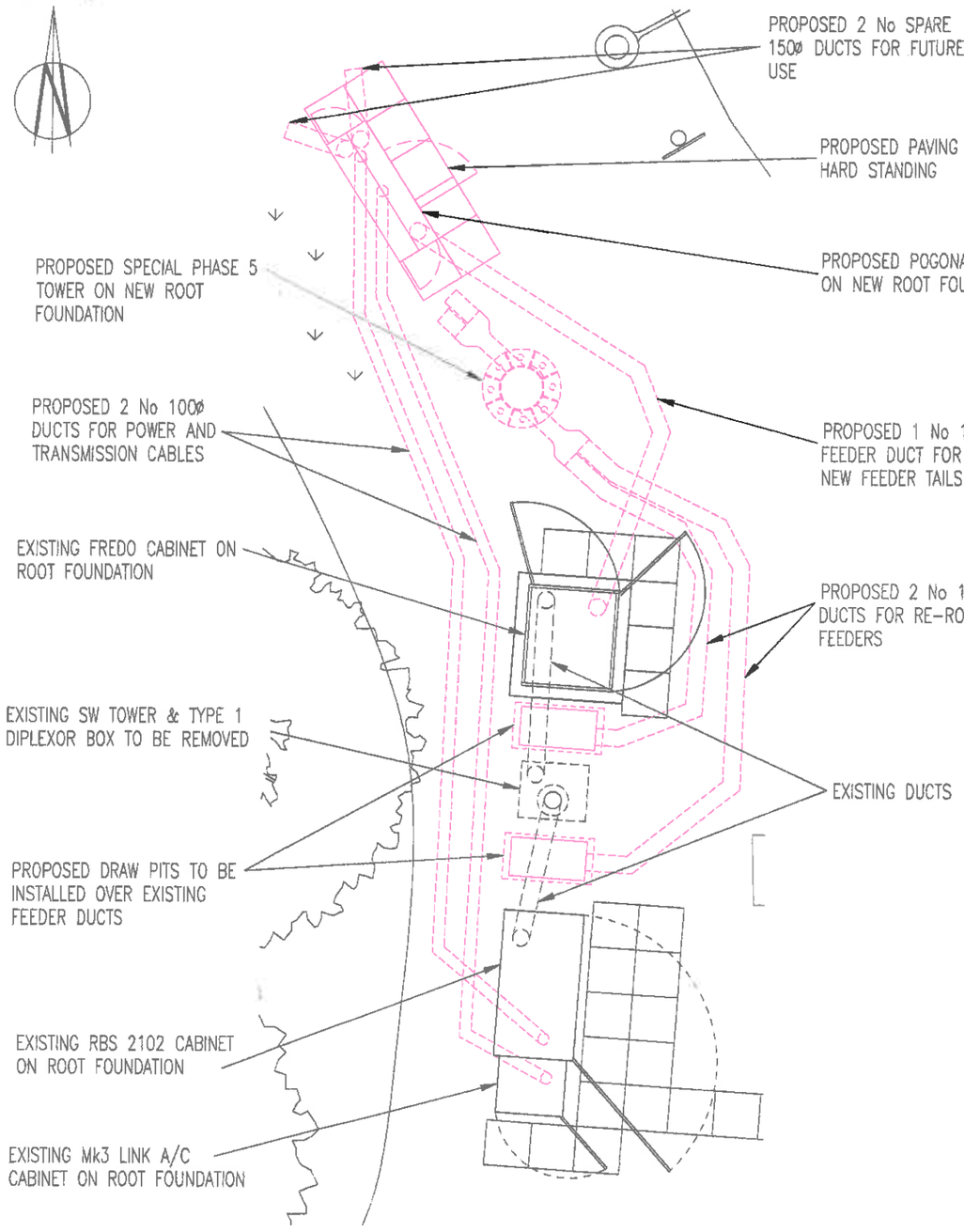
Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
SITE LAYOUT

Purpose of Issue:
APPROVAL

Drawing No:
75117 - 02

Cell No:	MBNL ID:
75117	BAR014

Issue:	Scale:	Drn:	Date:	Ch'd:	Date:	App:	Date:
A1	AS STATED	CRG	12/02/15	AW	18/02/15	AW	18/02/15



EQUIPMENT LAYOUT

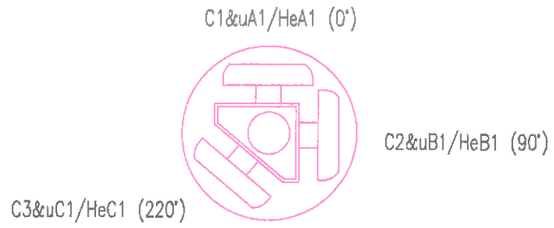
SCALE 1:50

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

NEW DUALBAND ANTENNA TO BE INSTALLED IN NEW TOWER.

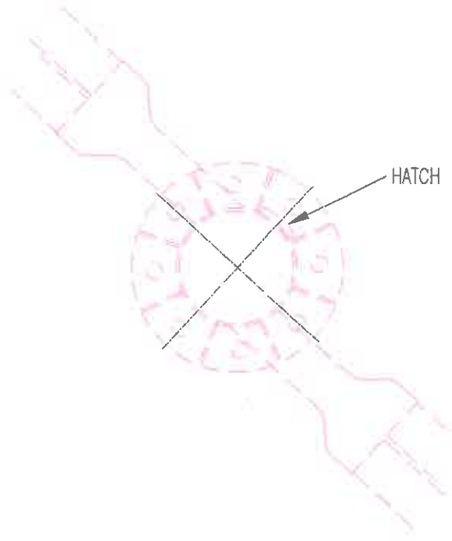
NEW GSM LNA's TO BE INSTALLED.

EXISTING WIDEBAND LNA's TO BE REUSED.



ANTENNA DETAILS

SCALE 1:20



TOWER BASE PLAN

SCALE 1:20

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

A3

RD10091 (R1.0) COV. CONFIG.	RD10009 (R1.0) CONFIG.
C2s/i/2 (SIM)	. U-02

No.	Revision	Date	By	ckd
A1	ISSUED FOR APPROVAL	18/02/15	CRG	AW

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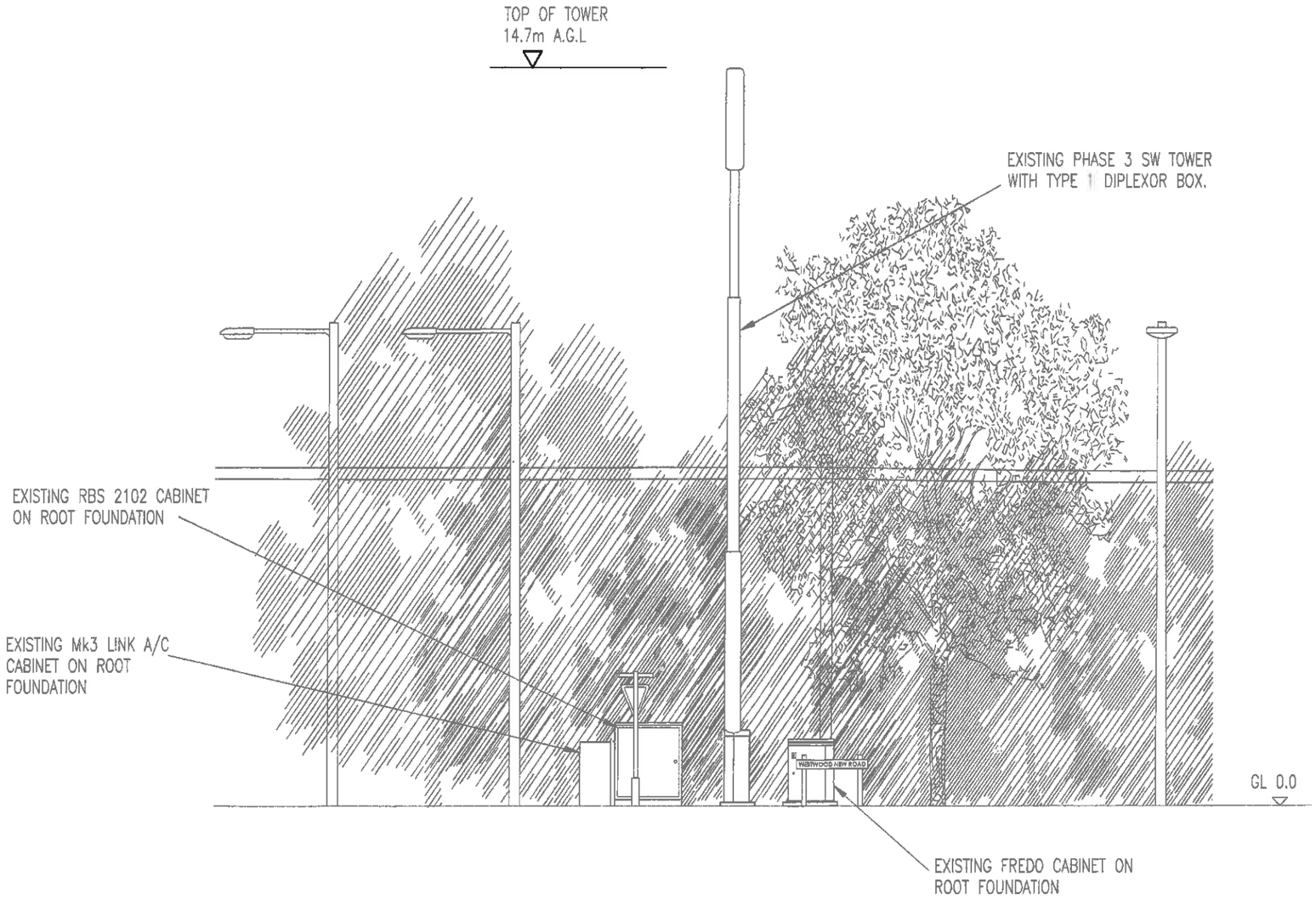
Title:
PROPOSED TELECOMMUNICATIONS STREETWORKS UPGRADE EQUIPMENT LAYOUT

Purpose of Issue:
APPROVAL

Drawing No:
75117 - 03

Cell No:	MBNL ID:
75117	BAR014

Issue:	Scale:	Ch'd:	Date:
A1	AS STATED	AW	18/02/15
	Drn: CRG Date: 12/02/15	App: AW	Date: 18/02/15



EXISTING EAST ELEVATION

SCALE 1:100

A3

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

No.	Revision	Date	By	ckd
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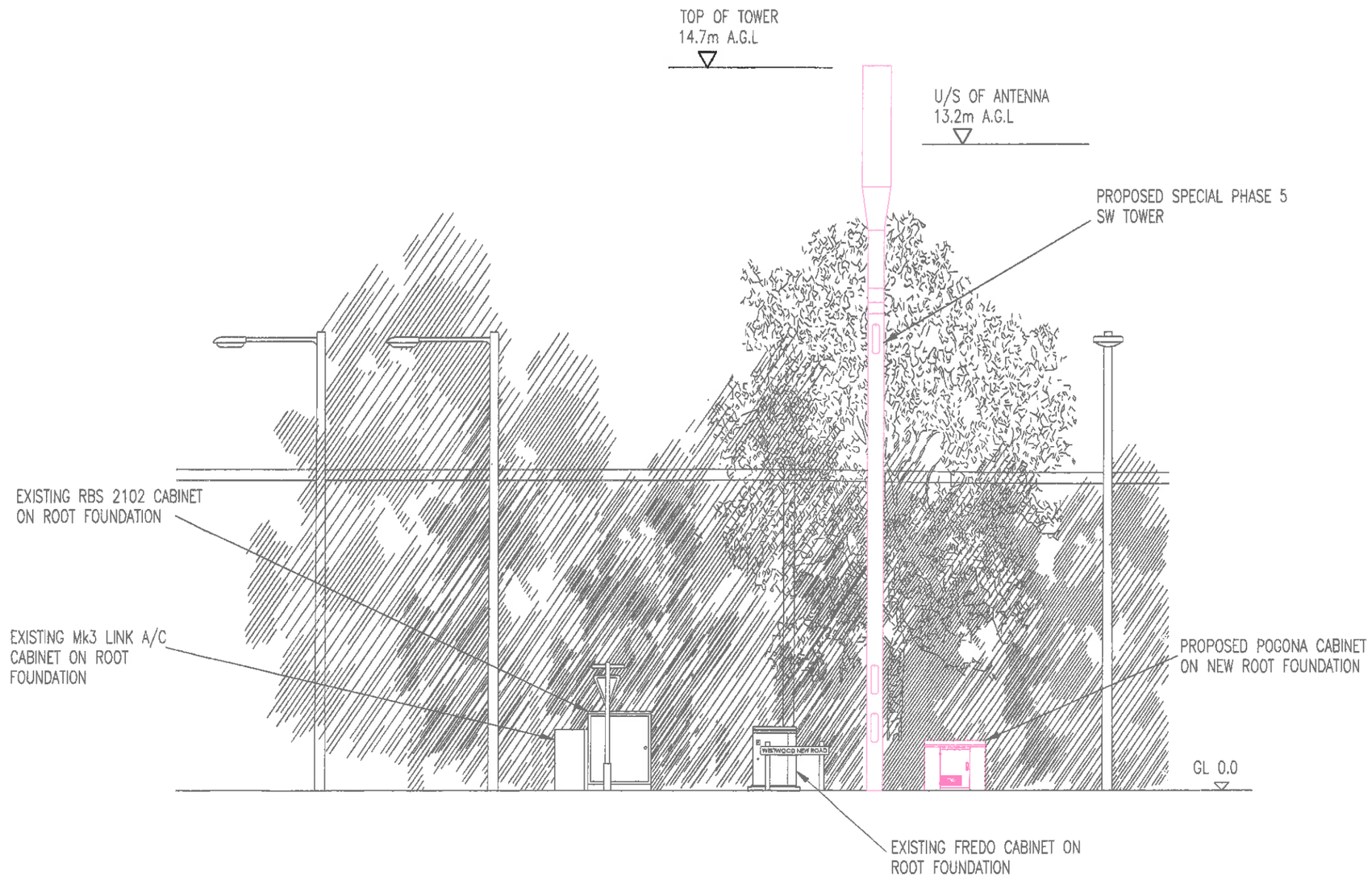
Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
EXISTING SITE ELEVATION

Purpose of Issue:
APPROVAL

Drawing No:
75117 – 04

Cell No:	MBNL ID:
75117	BAR014

Issue:	Scale:	Ch'd:	Date:
A1	AS STATED	AW	18/02/15
	Drn: CRG Date: 12/02/15	App: AW	Date: 18/02/15



PROPOSED EAST ELEVATION

SCALE 1:100

A3

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

No.	Revision	Date	By	ckd
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Site Name & Address:
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TANKERSLEY, BARNSLEY,
SOUTH YORKSHIRE, S75 3DG

Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
PROPOSED SITE ELEVATION

Purpose of Issue:
APPROVAL

Drawing No:
75117 – 05

Cell No:	MBNL ID:
75117	BAR014

Issue:	Scale:	Ch'd:	Date:
A1	AS STATED	AW	18/02/15
	Drn: CRG Date: 12/02/15	App: AW	Date: 18/02/15

ANTENNA DETAILS

EXISTING	ORIENT	BASE ANT. HEIGHT (m) AGL	ANTENNA TYPE	RET	OVERALL FEEDER LENGTH	ANTENNA JUMPER LENGTH	OVERALL SYSTEM LOSS	MAIN FEEDER TYPE	TMA
C1/uA1	0	13.2	KAT 742215	No	EX	0.5	EX	4-50	EX
C2/uB1	90	13.2	KAT 742215	No	EX	0.5	EX	4-50	EX
C3/uC1	220	13.2	KAT 742215	No	EX	0.5	EX	4-50	EX

EXISTING ANTENNA TABLE

ANTENNA DETAILS

PROPOSED	FREQUENCY	ORIENT	BASE ANT. HEIGHT (m) AGL	ANTENNA TYPE	RET REQ'D	OVERALL FEEDER LENGTH	ANTENNA JUMPER LENGTH	OVERALL SYSTEM LOSS	MAIN FEEDER TYPE	TMA REQ'D
C1	1800	0	13.2	KAT 742236	No	23	0.5	3.01	12-50	E15S09P75
uA1/HeA1	2100/1800				Yes	27.5	0.5	3.47	12-50	EX
C2	1800	90	13.2	KAT 742236	No	23	0.5	3.01	12-50	E15S09P75
uB1/HeB1	2100/1800				Yes	27.5	0.5	3.47	12-50	EX
C3	1800	220	13.2	KAT 742236	No	23	0.5	3.01	12-50	E15S09P75
uC1/HeC1	2100/1800				Yes	27.5	0.5	3.47	12-50	EX

NOTE: FEEDER LENGTH SHOWN IS ONLY APPROXIMATE AND SHOULD BE CHECKED BY RIGGING CONTRACTOR PRIOR TO WORK COMMENCING

PROPOSED ANTENNA TABLE

LOCATION OF TRANSMISSION EQUIPMENT SUBJECT TO CHANGE/UPGRADE. CONTRACTOR TO VARIFY CONNECTION POINT FOR SAMSUNG TRANSMISSION FROM LIVE TX INFORMATION ON SITENET AND ON SITE PRIOR TO DUCT/CABLE MANAGEMENT/CABLE INSTALLATION. IF IN DOUBT PLEASE CONTACT TX ENGINEER TO CONFIRM CONNECTION LOCATION:-
STEVE WEBB - 07576 576270
JOHNSON MARQUIS - 07960 660683

A3

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

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SOUTH YORKSHIRE, S75 3DG

Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
ANTENNA DETAILS

Purpose of Issue:
APPROVAL

Drawing No:
75117 - 06

Cell No:	MBNL ID:
75117	BAR014

Issue:	Scale:	Drn:	Date:	Ch'd:	Date:	App:	Date:
A1	AS STATED	CRG	12/02/15	AW	18/02/15	AW	18/02/15