

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: GREEN

METER CABINET
DIMENSIONS: 355x185x1200 HIGH
MATERIAL: STEEL
COLOUR: GREEN

RBS 2102 ENCLOSURE ON ROOT
DIMENSIONS: 1300x710x1695 HIGH
MATERIAL: STEEL
COLOUR: GREEN

TOWER DETAILS
7.5m PHASE 2 SPECIAL STREETWORKS TOWER WITH GRP SHROUDED HEADFRAME
COLOUR: GALVANISED
HEADFRAME SHROUD COLOUR: GREY

PROPOSED EQUIPMENT

CABINET DETAILS:

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

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

TOWER DETAILS
9.3m PHASE 4 SPECIAL STREETWORKS TOWER WITH GRP SHROUDED HEADFRAME MOUNTED ON EXISTING ROOT FOUNDATION USING NEW TRANSITION PLATE
COLOUR: GALVANISED
HEADFRAME SHROUD COLOUR: GREY

EXISTING TOWER, ANTENNA AND FEEDERS TO BE REPLACED WITH SIMILAR STREETWORKS TOWER MOUNTED ON EXISTING ROOT FOUNDATION USING NEW TRANSITION PLATE. EXISTING WIDEBAND LNA'S TO BE INSTALLED AND 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.

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



LOCATION PLAN

SCALE 1:1250

REPRODUCED FROM ORDNANCE SURVEY PROMAP DATA© CROWN COPYRIGHT 2014
LICENCE NUMBER 100020449

NGR E 585856
NGR N 189030

RD10091 (R1.0) COV. CONFIG. RD10009 (R1.0) CONFIG.

C2s/i/2

U-C2

EXISTING PLANTS/BUSHES TO BE CUT BACK PRIOR TO POGONA INSTALLATION

RECEIVED

14. 10. 2014

Support Services

A1	ISSUED FOR APPROVAL	23/09/14	DK	AW
No.	Revision	Date	By	ckd

MBNL

6 Anglo Office Park
67 White Lion Road
Amersham
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 3023550 Fax: 0113 2876834
e-mail: info@wilkinson-helsby.co.uk

Site Name & Address:

CHERRY ORCHARD ROUNDABOUT
CHERRY ORCHARD WAY
SOUTHEND SS2 6TR

Title:

PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
SITE LOCATION

Purpose of Issue:

APPROVAL

Drawing No:

78116 - 01

Cell No:

78116

MBNL ID:

SOS026

Issue:

A1

Scale: AS STATED

Drn: DK

Ch'd: AW

App: AW

Date: 23/09/14

Date: 23/09/14



PROPOSED PCC FLAGS TO
FORM HARDSTANDING

PROPOSED POGONA CABINET ON
ROOT BASE

EXISTING FREDO CABINET

EXISTING TOWER TO BE
REPLACED WITH 9.3m SPECIAL
PHASE 4 SW TOWER WITH
TYPE 1 DIPLEXOR BOX AT BASE

EXISTING METER CABINET ON ROOT

EXISTING RBS2102 CABINET ON
ROOT

EXISTING (SIDE BY SIDE) 3900A
CABINETS ON ROOT BASE

EXISTING LAMPOST

CHERRY ORCHARD WAY
(30mph)

SITE PLAN

SCALE 1:200

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
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: 051.34:10.215N 000:40:49.360W

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Site Name & Address:

CHERRY ORCHARD ROUNDABOUT
CHERRY ORCHARD WAY
SOUTHEND SS2 6TR

Title:

PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
SITE LAYOUT

Purpose of Issue:

APPROVAL

Drawing No:

78116 - 02

Cell No:

78116

MBNL ID:

SOS026

Issue:

A1

Scale: AS STATED

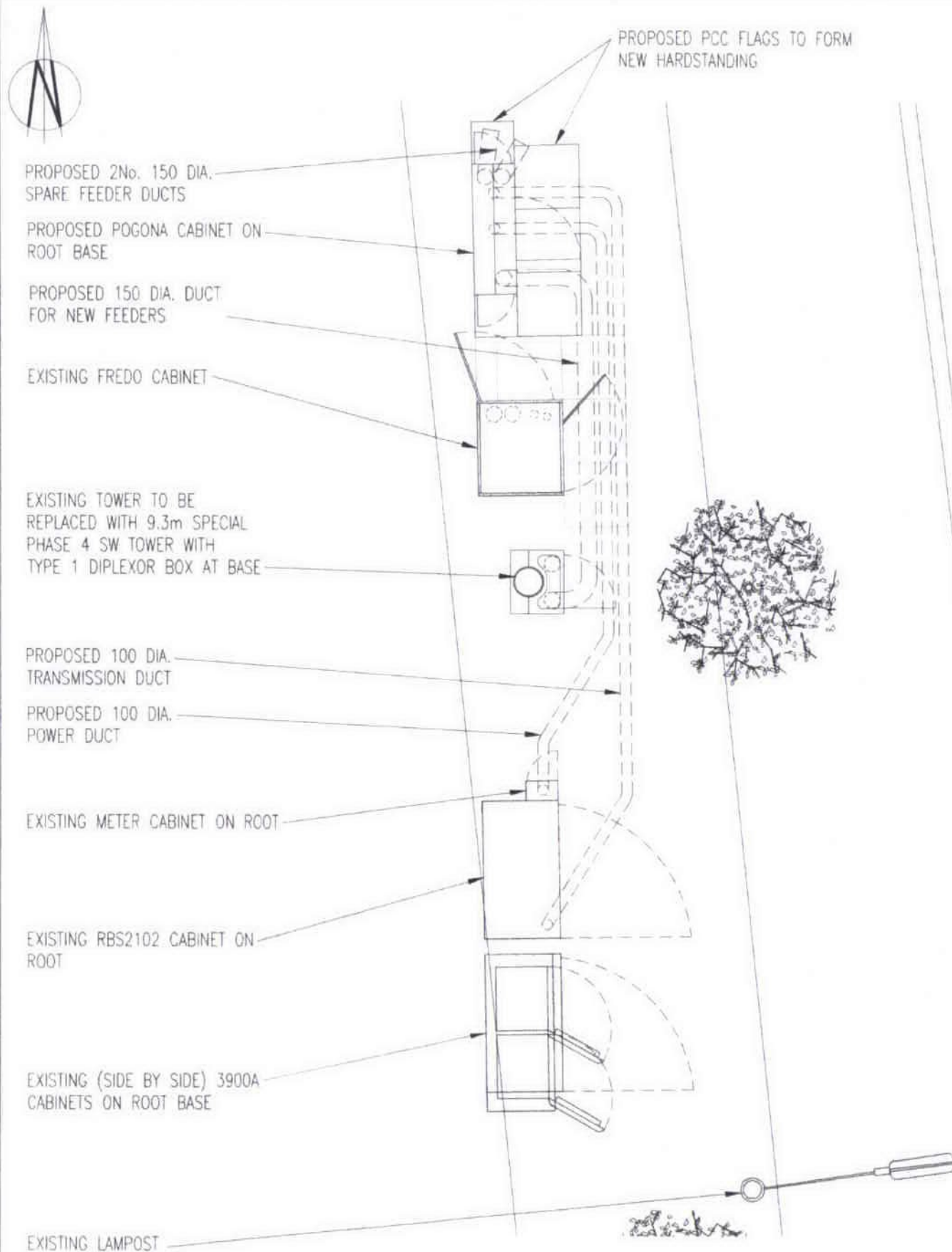
Drn: DK

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Date: 23/09/14

App: AW

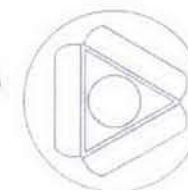
Date: 23/09/14



EQUIPMENT LAYOUT

SCALE 1:50

C3/uC1 & HeC1 (270')



C1/uA1 & HeA1 (30')

C2/uB1 & HeB1 (150')

ANTENNA DETAILS

SCALE 1:20

EXISTING TOWER TO BE REPLACED WITH SIMILAR SW TOWER ON EXISTING FOUNDATION. ANTENNA & FEEDERS TO BE REPLACED. WIDEBAND LNA's TO BE INSTALLED.

NEW LNA's TO BE INSTALLED FOR NEW CABINET.

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

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SOUTHEND SS2 6TR

Title:

PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
EQUIPMENT LAYOUT

Purpose of Issue:

APPROVAL

Drawing No:

78116 - 03

Cell No:

78116

MBNL ID:

SOS026

Issue:

A1

Scale: AS STATED

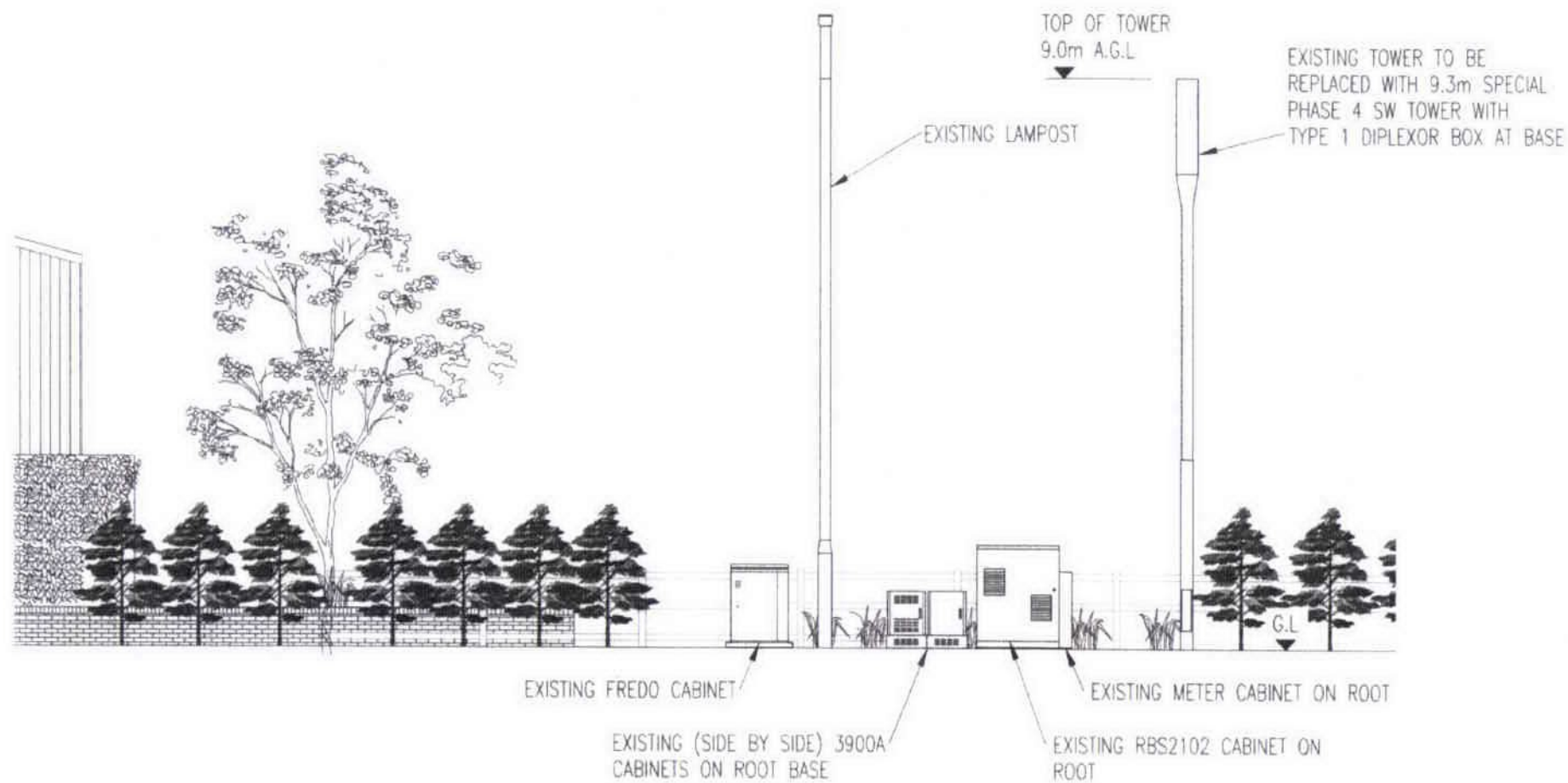
Drn: DK

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Date: 23/09/14

App: AW

Date: 23/09/14



EXISTING WEST ELEVATION

SCALE 1:100

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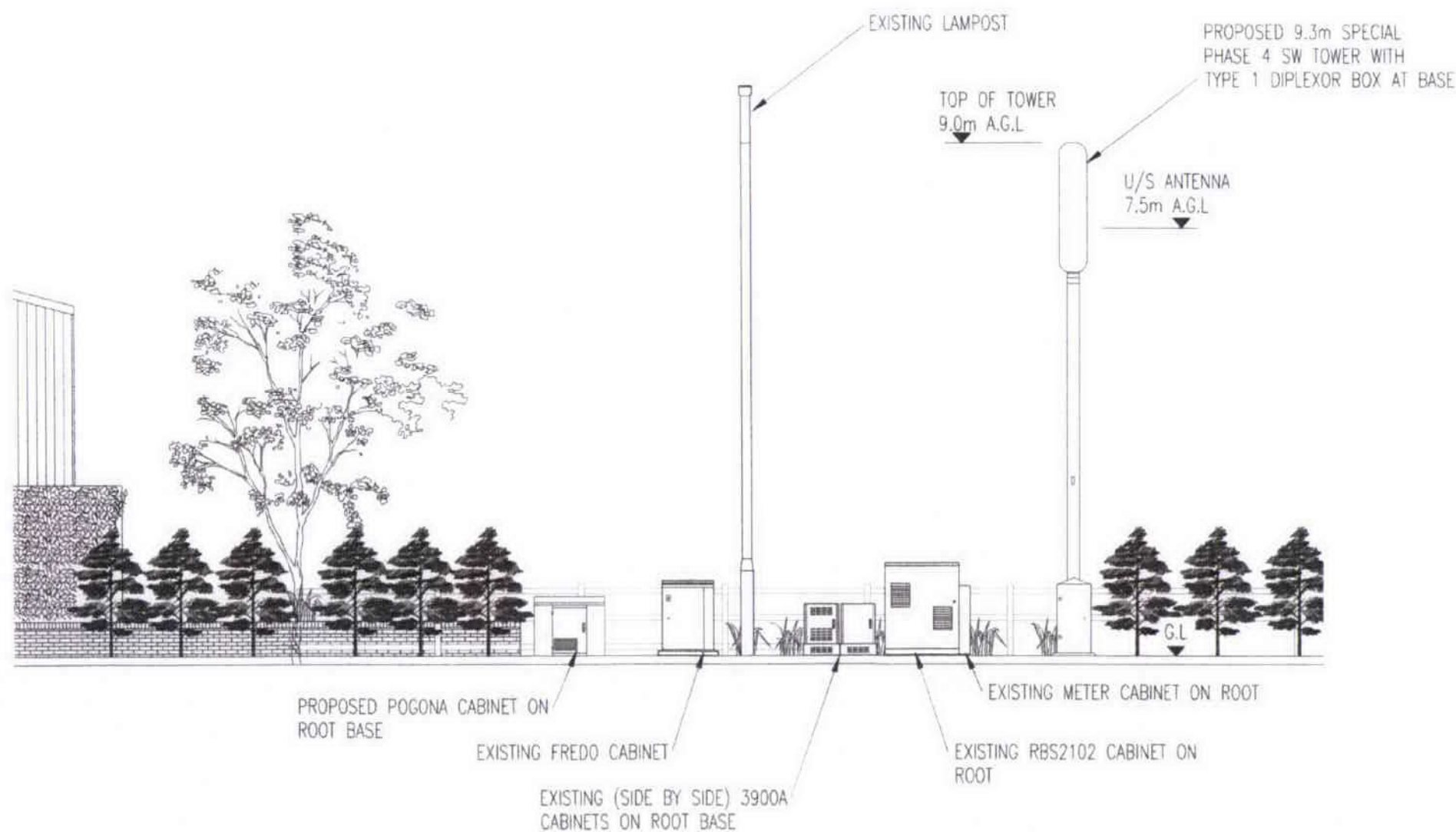
Title:
PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
EXISTING SITE ELEVATION

Purpose of Issue:
APPROVAL

Drawing No:
78116 - 04

Cell No: 78116
MBNL ID: SOS026

Issue: A1	Scale: AS STATED	Ch'd: AW	Date: 23/09/14
Drn: DK	Date: 23/09/14	App: AW	Date: 23/09/14



PROPOSED WEST ELEVATION

SCALE 1:100

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CHERRY ORCHARD WAY
SOUTHEND SS2 6TR

Title:

PROPOSED TELECOMMUNICATIONS
STREETWORKS UPGRADE
PROPOSED SITE ELEVATION

Purpose of Issue:

APPROVAL

Drawing No:

78116 - 05

Cell No:

78116

MBNL ID:

SOS026

Issue:

A1

Scale: AS STATED

Drn: DK

Ch'd: AW

App: AW

Date: 23/09/14

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