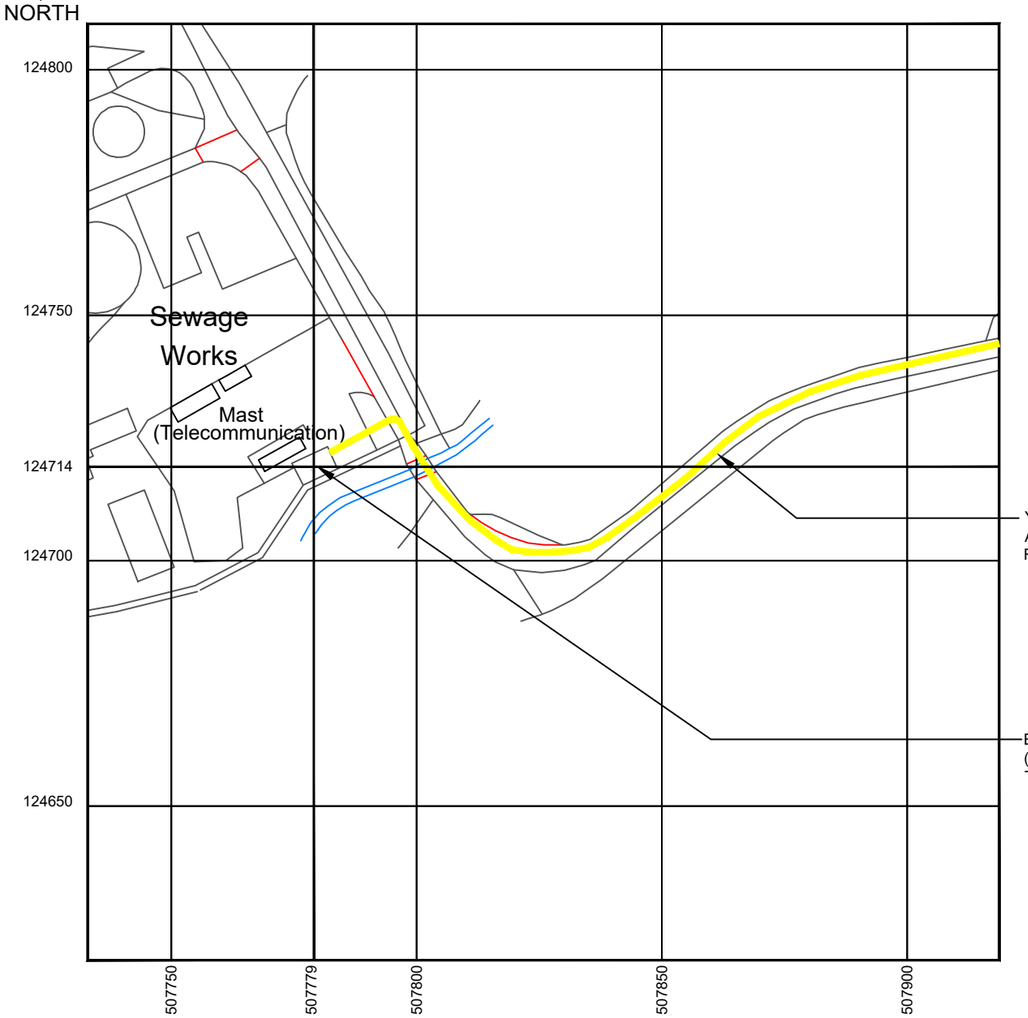
NORTH



YELLOW LINE DENOTES ACCESS ROUTE TO SITE FROM STANE STREET/A29

EXISTING SITE LOCATION (BILLINGSHURST WATER TREATMENT WORKS)

BLOCK PLAN

0 50 100 150 200 250

1:1250

Copyright Statement
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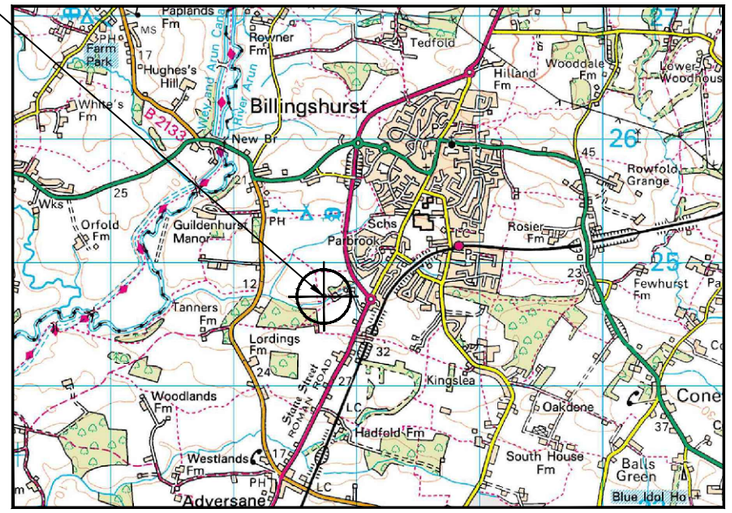
GOOGLE MAPS QR CODE

NORTH

LOCATION OF EXISTING SITE



Copyright Statement
Ordnance Survey, (c) Crown Copyright 2025. All rights reserved. Licence number 100022432

LOCATION PLAN

0 0.5 1 1.5 2 2.5Km

LINEAR SCALE 1:50000



PHOTOGRAPH OF EXISTING SITE

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK — TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.

YELLOW — ACCESS ROUTE

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT

AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
LOCATION AND BLOCK PLANS

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
100

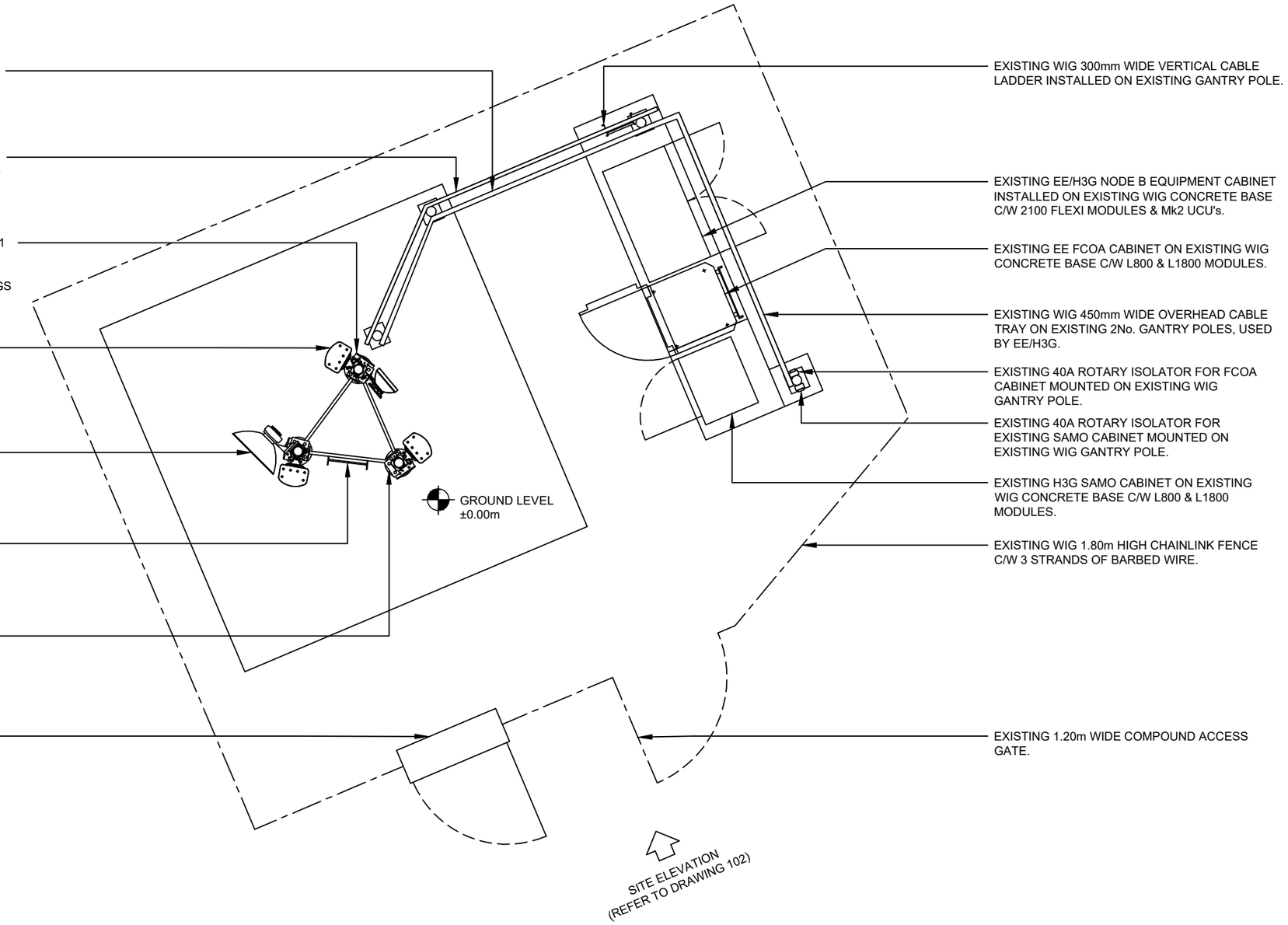
SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm

A3

NORTH



EXISTING SITE PLAN

0 1 2 3m
LINEAR SCALE 1:50

100mm 50mm 10mm

A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED?	YES	NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

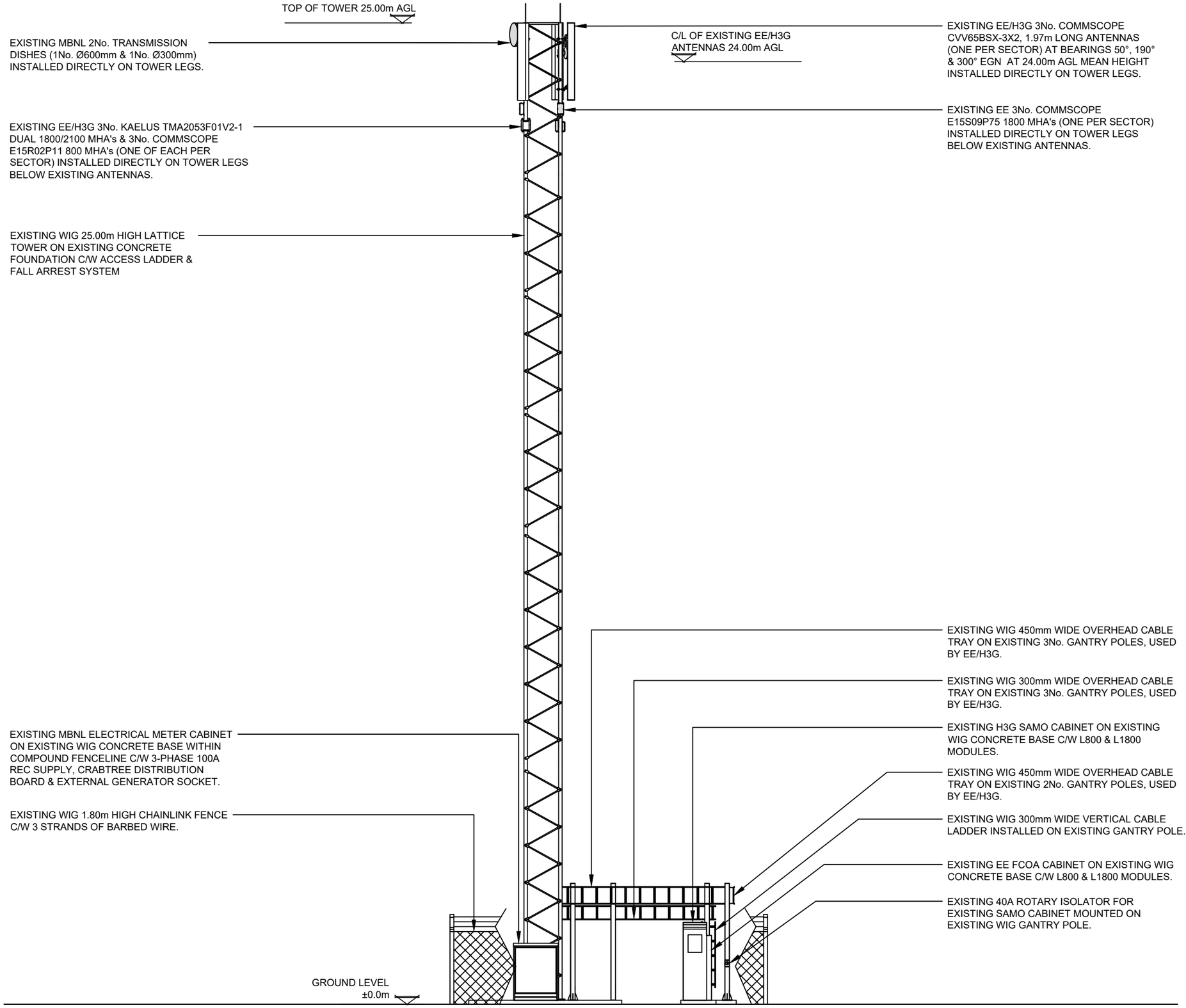
DRAWING TITLE:
EXISTING SITE PLAN

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
101

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25



EXISTING SOUTH-EAST SITE ELEVATION

0 1 2 3 4 5m
LINEAR SCALE 1:100

100mm 50mm 10mm

A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS
IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
EXISTING SITE ELEVATION

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
102

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

NORTH

EXISTING WIG 450mm WIDE OVERHEAD CABLE TRAY ON EXISTING 3No. GANTRY POLES, USED BY EE/H3G.

EXISTING WIG 300mm WIDE OVERHEAD CABLE TRAY ON EXISTING 3No. GANTRY POLES, USED BY EE/H3G.

PROPOSED WIG RINGFRAME TO BE INSTALLED AT TOP OF WIG 25.0m LATICE TOWER

EXISTING EE/H3G 3No. KAELUS TMA2053F01V2-1 DUAL 1800/2100 MHA's (ONE OF EACH PER SECTOR) TO BE REMOVED

PROPOSED H3G 3No. 12-PORT 800482002 2.0m LONG (ONE PER SECTOR) ANTENNAS AT BEARINGS 50°, 190° & 300° EGN MEAN HEIGHT 24.00m AGL TO BE INSTALLED ON PROPOSED WIG SUPPORT POLE ON PROPOSED WIG RINGFRAME.

EXISTING EE/H3G 3No. CVV65BSX-3X2, 1.97m LONG ANTENNAS (ONE PER SECTOR) AT BEARINGS 50°, 190° & 300° EGN AT 24.00m AGL MEAN HEIGHT INSTALLED ON TOWER LEGS TO BE RELOCATED ONTO PROPOSED WIG SUPPORT POLE ON PROPOSED WIG RINGFRAME

EXISTING MBNL 2No. TRANSMISSION DISHES (1No. Ø600mm & 1No. Ø300mm) INSTALLED DIRECTLY ON TOWER LEGS. TO BE RELOCATED TO PROPOSED WIG SUPPORT POLE ON PROPOSED WIG RING FRAME

EXISTING WIG 25.00m HIGH LATTICE TOWER ON EXISTING CONCRETE FOUNDATION C/W ACCESS LADDER & FALL ARREST SYSTEM

EXISTING EE 3No. COMMSCOPE E15S09P75 1800 MHA's (ONE PER SECTOR) TO BE RELOCATED TO PROPOSED WIG POLE ON PROPOSE WIG RINGFRAME

EXISTING EE 3No. COMMSCOPE E15R02P11 800 MHA's (ONE PER SECTOR) TO BE RELOCATED TO PROPOSED WIG SUPPORT POLE ON PROPOSED WIG RINGFRAME.

EXISTING MBNL ELECTRICAL METER CABINET ON EXISTING WIG CONCRETE BASE WITHIN COMPOUND FENCELINE C/W 3-PHASE 100A REC SUPPLY, CRABTREE DISTRIBUTION BOARD & EXTERNAL GENERATOR SOCKET.

EXISTING WIG 300mm WIDE VERTICAL CABLE LADDER INSTALLED ON EXISTING GANTRY POLE.

PROPOSED H3G 1No. GPS NODE TO BE INSTALLED EXISTING WIG GANTRY POLE AT 3.1m

PROPOSED H3G 3No. FIBRE & 3No. DC CABLES TO UTILISE EXISTING & PROPOSED WIG CABLE MANAGEMENT SYSTEMS FROM PROPOSED H2G 6130 CABINET TO ANTENNAS AT 24.0m NEW CLAMPS AND STUDS REQUIRED

EXISTING EE/H3G NODE B EQUIPMENT CABINET INSTALLED ON EXISTING WIG CONCRETE BASE C/W 2100 FLEXI MODULES & Mk2 UCU's.

EXISTING EE FCOA CABINET ON EXISTING WIG CONCRETE BASE C/W L800 & L1800 MODULES.

EXISTING WIG 450mm WIDE OVERHEAD CABLE TRAY ON EXISTING 2No. GANTRY POLES, USED BY EE/H3G.

EXISTING 40A ROTARY ISOLATOR FOR FCOA CABINET MOUNTED ON EXISTING WIG GANTRY POLE.

PROPOSED WIG 300mm WIDE VERTICAL CABLE TRAY TO BE INSTALLED ON EXISTING WIG GANTRY POLE

EXISTING 40A ROTARY ISOLATOR FOR EXISTING SAMO CABINET MOUNTED ON EXISTING WIG GANTRY POLE.

EXISTING H3G SAMO CABINET ON EXISTING WIG CONCRETE BASE C/W L800 & L1800 MODULES.

PROPOSED H3G 6130 CABINET TO BE INSTALLED ON PROPOSED WIG CONCRETE BASE

PROPOSED H3G BBU 6651, FIBRE & DC BOB TO BE INSTALLED WITHIN H3G 6130 CABINET ON PROPOSED WIG CONCRETE BASE

EXISTING WIG 1.80m HIGH CHAINLINK FENCE C/W 3 STRANDS OF BARBED WIRE.

SITE ELEVATION (REFER TO DRAWING 104)

PROPOSED SITE PLAN

0 1 2 3m

LINEAR SCALE 1:50

100mm 50mm 10mm

A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED?	YES	NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT

AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

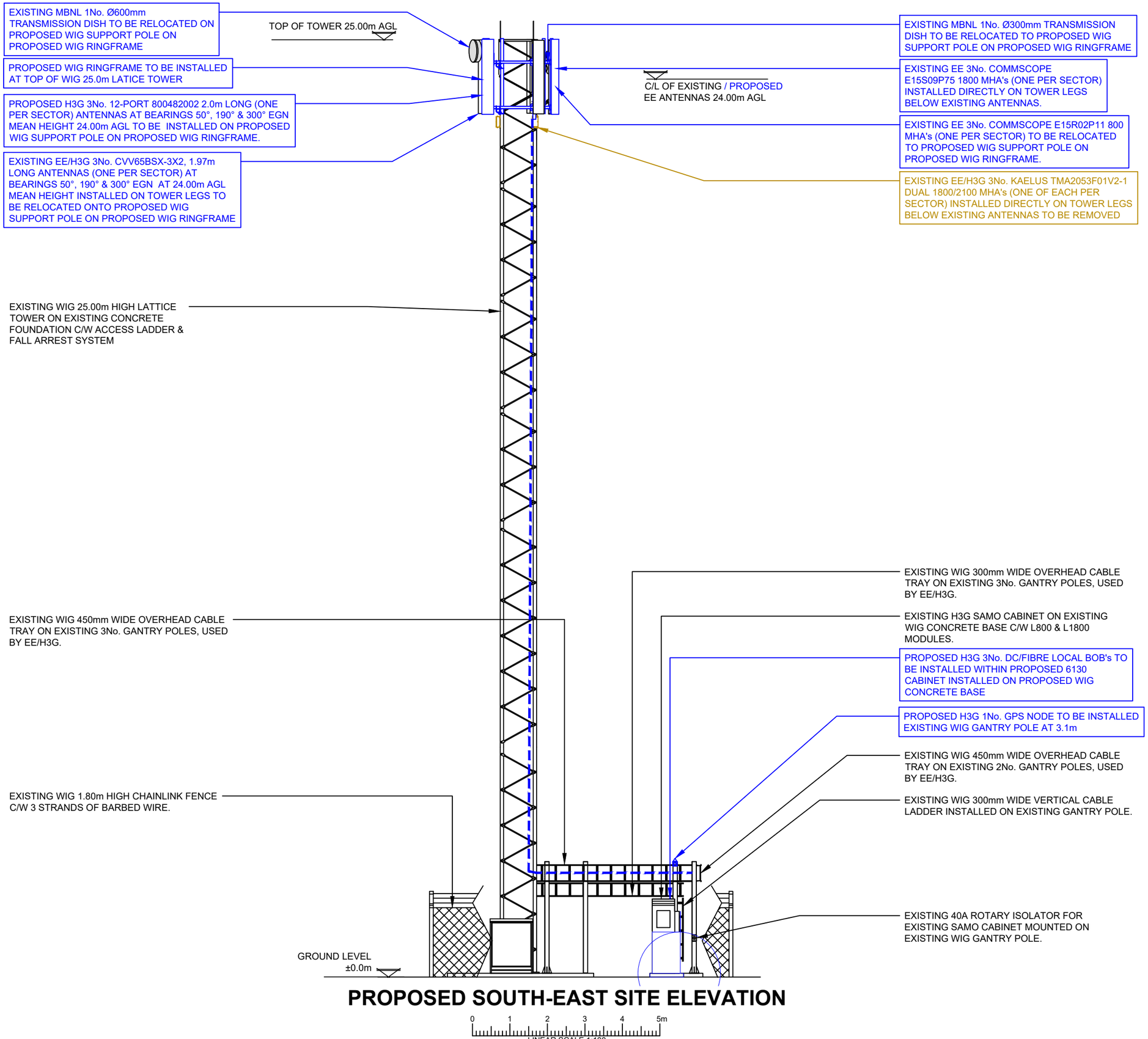
DRAWING TITLE:
PROPOSED SITE PLAN

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
103

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25



PROPOSED SOUTH-EAST SITE ELEVATION

100mm
50mm
10mm

A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES ☒ NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS
IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES ☒	NO
CHERRY PICKER SURVEY	YES ☒	NO
COMMS SERVICE ALTERATION	YES ☒	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO ☒
GDC CALCS - INTERFACE STEELWORK	YES	NO ☒
GDC CALCS - EXISTING FOUNDATION	YES	NO ☒
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES ☒	NO
GEOTECH AND/OR TRIAL DIG	YES ☒	NO
ICNIRP CONTROL MEASURES	YES ☒	NO
INTRUSIVE SURVEY	YES ☒	NO
MEWP/SCAFFOLD REQUIREMENTS	YES ☒	NO
REC SERVICE ALTERATION	YES ☒	NO
STAT SEARCHES	YES	NO ☒
GPRS REQUIREMENT	YES ☒	NO
TENSILE PROOF TESTS	YES ☒	NO
TOWER CLIMB	YES ☒	NO
SAFETY SIGNAGE REFRESH	YES ☒	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
PROPOSED SITE ELEVATION

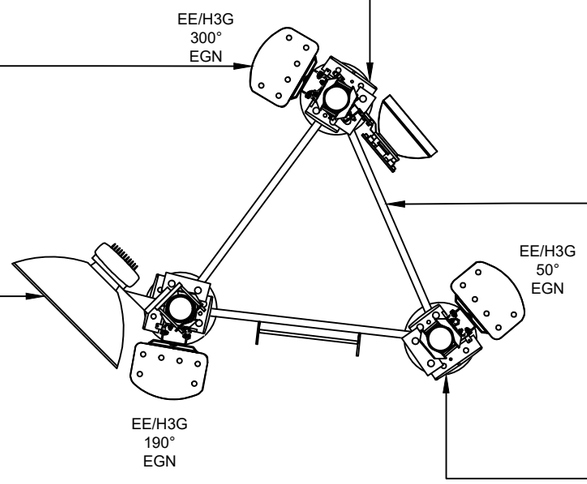
PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
104

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

NORTH



EXISTING EE/H3G 3No. COMMSCOPE CVV65BSX-3X2, 1.97m LONG ANTENNAS (ONE PER SECTOR) AT BEARINGS 50°, 190° & 300° EGN AT 24.00m AGL MEAN HEIGHT INSTALLED DIRECTLY ON TOWER LEGS.

EXISTING MBNL 2No. TRANSMISSION DISHES (1No. Ø600mm & 1No. Ø300mm) INSTALLED DIRECTLY ON TOWER LEGS.

EXISTING EE/H3G 3No. KAELUS TMA2053F01V2-1 DUAL 1800/2100 MHA's & 3No. COMMSCOPE E15R02P11 800 MHA's (ONE OF EACH PER SECTOR) INSTALLED DIRECTLY ON TOWER LEGS BELOW EXISTING ANTENNAS.

EXISTING WIG 25.00m HIGH LATTICE TOWER ON EXISTING CONCRETE FOUNDATION C/W ACCESS LADDER & FALL ARREST SYSTEM

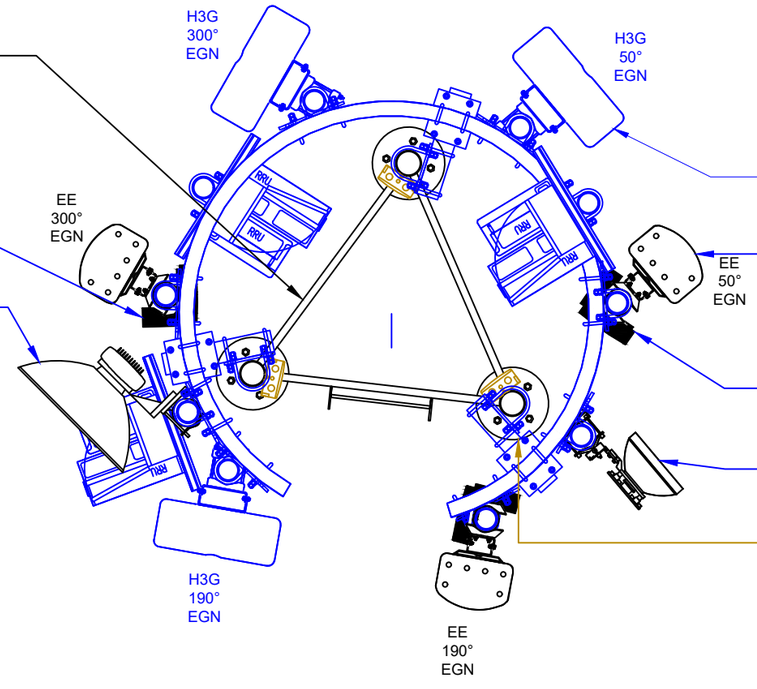
EXISTING EE 3No. COMMSCOPE E15S09P75 1800 MHA's (ONE PER SECTOR) INSTALLED DIRECTLY ON TOWER LEGS BELOW EXISTING ANTENNAS.

EXISTING EE/H3G ANTENNA PLAN AT 24.00m AGL

0 500mm 1m

LINEAR SCALE 1:20

NORTH



EXISTING WIG 25.00m HIGH LATTICE TOWER ON EXISTING CONCRETE FOUNDATION C/W ACCESS LADDER & FALL ARREST SYSTEM

PROPOSED EE 1No. COMMSCOPE E14R00P42 MHA's (1No. PER SECTOR) TO BE MOUNTED RELOCATED TO PROPOSED SUPPORT POLE ON PROPOSED WIG RINGFRAME

EXISTING MBNL 1No. Ø600mm TRANSMISSION DISH TO BE RELOCATED ON PROPOSED WIG SUPPORT POLE FIXED TO PROPOSED WIG RINGFRAME

PROPOSED H3G 3No. 12-PORT 800482002 2.0m LONG (ONE PER SECTOR) ANTENNAS AT BEARINGS 50°, 190° & 300° EGN MEAN HEIGHT 24.00m AGL TO BE INSTALLED ON PROPOSED WIG SUPPORT POLE ON PROPOSED WIG RINGFRAME.

EXISTING EE/H3G 3No. COMMSCOPE CVV65BSX-3X2, 1.97m LONG ANTENNAS (ONE PER SECTOR) AT BEARINGS 50°, 190° & 300° EGN AT 24.00m AGL MEAN HEIGHT INSTALLED ON TOWER LEGS TO BE RELOCATED ONTO PROPOSED WIG SUPPORT POLES FIXED TO PROPOSED YOKE BRACKETS.

EXISTING EE 3No. COMMSCOPE E15R02P11 800 MHA's (ONE PER SECTOR) INSTALLED DIRECTLY ON TOWER LEGS BELOW EXISTING ANTENNAS.

EXISTING MBNL 1No. Ø300mm TRANSMISSION DISHTO BE RELOCATED TO PROPOSED SUPPORT POLE ON PROPOSED WIG RINGFRAME

EXISTING EE/H3G 3No. KAELUS TMA2053F01V2-1 DUAL 1800/2100 MHA's (ONE OF EACH PER SECTOR) INSTALLED DIRECTLY ON TOWER LEGS BELOW EXISTING ANTENNAS TO BE REMOVED

PROPOSED EE/H3G ANTENNA PLAN AT 24.0m AGL

0 1 2 3m

LINEAR SCALE 1:50

100mm
50mm
10mm

A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT

AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
ANTENNA PLANS

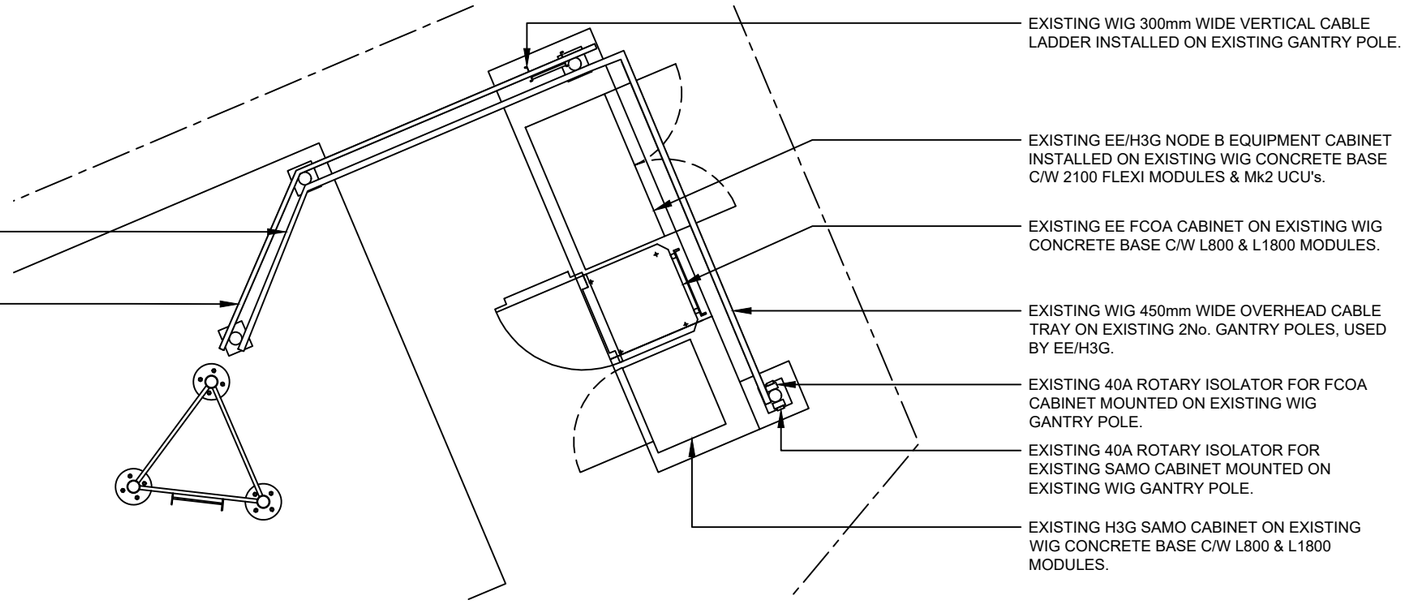
PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
105

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

NORTH



EXISTING WIG 450mm WIDE OVERHEAD CABLE TRAY ON EXISTING 3No. GANTRY POLES, USED BY EE/H3G.

EXISTING WIG 300mm WIDE OVERHEAD CABLE TRAY ON EXISTING 3No. GANTRY POLES, USED BY EE/H3G.

EXISTING WIG 300mm WIDE VERTICAL CABLE LADDER INSTALLED ON EXISTING GANTRY POLE.

EXISTING EE/H3G NODE B EQUIPMENT CABINET INSTALLED ON EXISTING WIG CONCRETE BASE C/W 2100 FLEXI MODULES & Mk2 UCU's.

EXISTING EE FCOA CABINET ON EXISTING WIG CONCRETE BASE C/W L800 & L1800 MODULES.

EXISTING WIG 450mm WIDE OVERHEAD CABLE TRAY ON EXISTING 2No. GANTRY POLES, USED BY EE/H3G.

EXISTING 40A ROTARY ISOLATOR FOR FCOA CABINET MOUNTED ON EXISTING WIG GANTRY POLE.

EXISTING 40A ROTARY ISOLATOR FOR EXISTING SAMO CABINET MOUNTED ON EXISTING WIG GANTRY POLE.

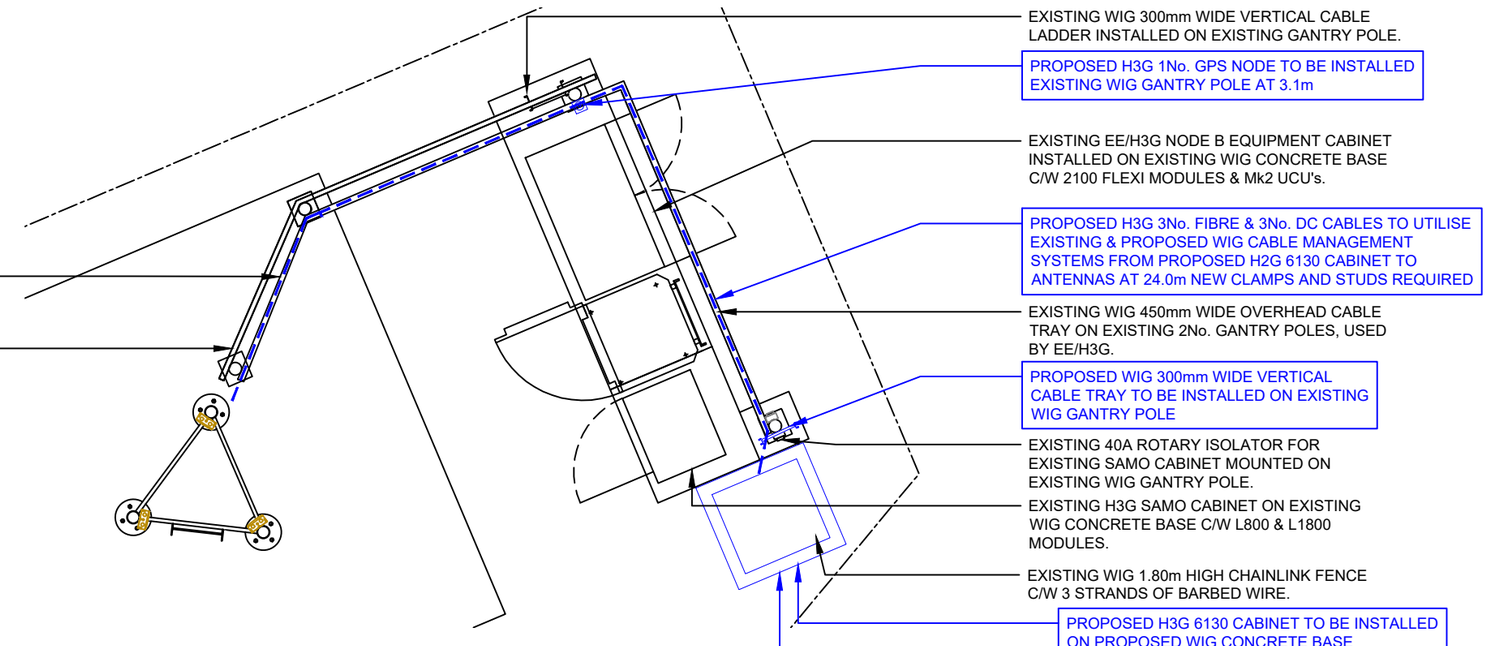
EXISTING H3G SAMO CABINET ON EXISTING WIG CONCRETE BASE C/W L800 & L1800 MODULES.

PLAN - EXISTING EE/H3G EQUIPMENT CABINETS

0 1 2 3m

LINEAR SCALE 1:50

NORTH



EXISTING WIG 450mm WIDE OVERHEAD CABLE TRAY ON EXISTING 3No. GANTRY POLES, USED BY EE/H3G.

EXISTING WIG 300mm WIDE OVERHEAD CABLE TRAY ON EXISTING 3No. GANTRY POLES, USED BY EE/H3G.

EXISTING WIG 300mm WIDE VERTICAL CABLE LADDER INSTALLED ON EXISTING GANTRY POLE.

PROPOSED H3G 1No. GPS NODE TO BE INSTALLED EXISTING WIG GANTRY POLE AT 3.1m

EXISTING EE/H3G NODE B EQUIPMENT CABINET INSTALLED ON EXISTING WIG CONCRETE BASE C/W 2100 FLEXI MODULES & Mk2 UCU's.

PROPOSED H3G 3No. FIBRE & 3No. DC CABLES TO UTILISE EXISTING & PROPOSED WIG CABLE MANAGEMENT SYSTEMS FROM PROPOSED H2G 6130 CABINET TO ANTENNAS AT 24.0m NEW CLAMPS AND STUDS REQUIRED

EXISTING WIG 450mm WIDE OVERHEAD CABLE TRAY ON EXISTING 2No. GANTRY POLES, USED BY EE/H3G.

PROPOSED WIG 300mm WIDE VERTICAL CABLE TRAY TO BE INSTALLED ON EXISTING WIG GANTRY POLE

EXISTING 40A ROTARY ISOLATOR FOR EXISTING SAMO CABINET MOUNTED ON EXISTING WIG GANTRY POLE.

EXISTING H3G SAMO CABINET ON EXISTING WIG CONCRETE BASE C/W L800 & L1800 MODULES.

EXISTING WIG 1.80m HIGH CHAINLINK FENCE C/W 3 STRANDS OF BARBED WIRE.

PROPOSED H3G 6130 CABINET TO BE INSTALLED ON PROPOSED WIG CONCRETE BASE

PROPOSED H3G BBU 6651, FIBRE & DC BOB TO BE INSTALLED WITHIN H3G 6130 CABINET ON PROPOSED WIG CONCRETE BASE

PLAN - PROPOSED EE/H3G EQUIPMENT CABINETS

0 1 2 3m

LINEAR SCALE 1:50

100mm

50mm

10mm

A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED?	YES	NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT

AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
EE/H3G EQUIPMENT CABIN PLANS

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
106

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

EXISTING EE/H3G ANTENNA SCHEDULE

ANTENNA									FUNCTION											ANCILLARIES			FEEDERS/FIBRE					
EXISTING ANTENNAS		OPERATOR	ANTENNA TYPE	ANTENNA SIZE mm (HxWxD) & WEIGHT (kg)	BRG° (EGN)	MECH TILT	HEIGHT TO CENTRE	ANTENNA REFERENCE	EE L800	H3G L800	EE G1800	EE L1800	H3G L1800	EE U2100	H3G U2100	EE L2100	H3G L2100	EE L2600	H3G 3500 (6G)	MHA TYPE	RRU QTY/TYPE WEIGHT (kg)	COMBINER/ DIPLEXER	BTS/UCU JUMPER QTY/TYPE /LENGTH (m)	INTERCONNECT JUMPER QTY/TYPE LENGTH (m)	MAIN FEEDER/FIBRE QTY/TYPE/LENGTH (m)	EXTENSION JUMPER QTY/TYPE/LENGTH (m)	ANTENNA JUMPER QTY/TYPE/ LENGTH (m)	COMMENTS
SECTOR 1	EXTG. ANT	EE/H3G	COMMSCOPE CV65BSX-M	1974x301x181 32.0kg	50°	0°	24.0m	R1 790-960	●	●										COMMSCOPE E15R02P11	-	RD0569	2/LDF 4-50/2m	-	2/AVA 5-50/35m	2/LDF 4-50/1.5m	2/LDF 4-50/1.5m	EE L800 TO BE RETAINED
								Y1 1710-2690						●	●	●				KAELUS TMA2053F01V2-1	-	UCU MK2	2/LDF 4-50/2m	-	2/AVA 5-50/30m	-	2/LDF 4-50/1.5m	TO BE REMOVED
								Y2 1710-2690			●	●								COMMSCOPE DUAL- GSM FULL	-	-	2/LDF 4-50/2m	-	2/AVA 5-50/33m	2/LDF 4-50/1.5m	2/LDF 4-50/1.5m	EE L1800 TO RETAINED

PROPOSED EE ANTENNA SCHEDULE

ANTENNA									FUNCTION											ANCILLARIES			FEEDERS/FIBRE						
PROPOSED/ EXISTING ANTENNAS		OPERATOR	ANTENNA TYPE	ANTENNA SIZE mm (HxWxD) & WEIGHT (kg)	BRG° (EGN)	MECH TILT	HEIGHT TO CENTRE	ANTENNA REFERENCE	H3G L700	H3G L800	H3G L900	H3G L1400	H3G L1800	H3G U2100	H3G U2100	H3G L2100	H3G L2100	H3G L2600	H3G 3500 (6G)	MHA TYPE	RRH QTY/TYPE WEIGHT (kg)	COMBINER/ DIPLEXOR	BTS/UCU JUMPER QTY/TYPE /LENGTH (m)	BTS TO BOB FIBRE JUMPER QTY/LENGTH (m)	MAIN FEEDER QTY/TYPE/LENGTH (m)	HYBRID FIBRE QTY/LENGTH (m)	BOB TO RRH FIBRE JUMPER QTY/LENGTH (m)	MHA JUMPER QTY/TYPE/ LENGTH (m)	ANTENNA JUMPER QTY/TYPE/ LENGTH (m)	COMMENTS
SECTOR 1	PROPOSED	H3G/EE	800482002	1978x488x164mm 47kg	50°	0°	24.0m	700/800/900	●	●	●									-	1/2460/38kg	-	-	1/5m	-	1/30m FIBRE 1/30m DC	1/2m	-	2/LCF12-50/2m	TO BE INSTALLED
								700/800/900	●	●	●									-		-	-		-			-	2/LCF12-50/2m	
								1400				●								-	1/4020/23.5kg	-	-	1/5m	-		1/2m	-	2/LCF12-50/2m	
								1400				●								-		-	-		-			-	2/LCF12-50/2m	
								SPARE												-		-	-		-		-	-	-	
								SPARE												-		-	-		-		-	-	-	
								SPARE												-		-	-		-		-	-	-	
								SPARE												-		-	-		-		-	-	-	
								TOTAL No.												-	2	-	-	2	-	1/1	2	-	8	

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES (X) NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES (X)	NO
CHERRY PICKER SURVEY	YES (X)	NO
COMMS SERVICE ALTERATION	YES (X)	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO (X)
GDC CALCS - INTERFACE STEELWORK	YES	NO (X)
GDC CALCS - EXISTING FOUNDATION	YES	NO (X)
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES (X)	NO
GEOTECH AND/OR TRIAL DIG	YES (X)	NO
ICNIRP CONTROL MEASURES	YES (X)	NO
INTRUSIVE SURVEY	YES (X)	NO
MEWP/SCAFFOLD REQUIREMENTS	YES (X)	NO
REC SERVICE ALTERATION	YES (X)	NO
STAT SEARCHES	YES	NO (X)
GPRS REQUIREMENT	YES (X)	NO
TENSILE PROOF TESTS	YES (X)	NO
TOWER CLIMB	YES (X)	NO
SAFETY SIGNAGE REFRESH	YES (X)	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
ANTENNA SCHEDULE S1

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
107

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm
A3

EXISTING EE/H3G ANTENNA SCHEDULE

ANTENNA									FUNCTION											ANCILLARIES			FEEDERS/FIBRE					
EXISTING ANTENNAS		OPERATOR	ANTENNA TYPE	ANTENNA SIZE mm (HxWxD) & WEIGHT (kg)	BRG° (EGN)	MECH TILT	HEIGHT TO CENTRE	ANTENNA REFERENCE	EE L800	H3G L800	EE G1800	EE L1800	H3G L1800	EE U2100	H3G U2100	EE L2100	H3G L2100	EE L2600	H3G 3500 (6G)	MHA TYPE	RRU QTY/TYPE WEIGHT (kg)	COMBINER/ DIPLEXER	BTS/UCU JUMPER QTY/TYPE /LENGTH (m)	INTERCONNECT JUMPER QTY/TYPE LENGTH (m)	MAIN FEEDER/FIBRE QTY/TYPE/LENGTH (m)	EXTENSION JUMPER QTY/TYPE/LENGTH (m)	ANTENNA JUMPER QTY/TYPE/ LENGTH (m)	COMMENTS
SECTOR 2	EXTG. ANT	EE/H3G	COMMSCOPE CV65BSX-M	1974x301x181 32.0kg	190°	0°	24.0m	R1 790-960	●	●										COMMSCOPE E15R02P11	-	RD0569	2/LDF 4-50/2m	-	2/AVA 5-50/35m	2/LDF 4-50/1.5m	2/LDF 4-50/1.5m	EE L800 TO BE RETAINED
								Y1 1710-2690						●	●	●				KAELUS TMA2053F01V2-1	-	UCU MK2	2/LDF 4-50/2m	-	2/AVA 5-50/30m	-	2/LDF 4-50/1.5m	TO BE REMOVED
								Y2 1710-2690			●	●								COMMSCOPE DUAL- GSM FULL	-	-	2/LDF 4-50/2m	-	2/AVA 5-50/33m	2/LDF 4-50/1.5m	2/LDF 4-50/1.5m	EE L1800 TO RETAINED

PROPOSED EE ANTENNA SCHEDULE

ANTENNA									FUNCTION											ANCILLARIES			FEEDERS/FIBRE						
PROPOSED/ EXISTING ANTENNAS		OPERATOR	ANTENNA TYPE	ANTENNA SIZE mm (HxWxD) & WEIGHT (kg)	BRG° (EGN)	MECH TILT	HEIGHT TO CENTRE	ANTENNA REFERENCE	H3G L700	H3G L800	H3G L900	H3G L1400	H3G L1800	H3G U2100	H3G U2100	H3G L2100	H3G L2100	H3G L2600	H3G 3500 (6G)	MHA TYPE	RRH QTY/TYPE WEIGHT (kg)	COMBINER/ DIPLEXOR	BTS/UCU JUMPER QTY/TYPE /LENGTH (m)	BTS TO BOB FIBRE JUMPER QTY/LENGTH (m)	MAIN FEEDER QTY/TYPE/LENGTH (m)	HYBRID FIBRE QTY/LENGTH (m)	BOB TO RRH FIBRE JUMPER QTY/LENGTH (m)	MHA JUMPER QTY/TYPE/ LENGTH (m)	ANTENNA JUMPER QTY/TYPE/ LENGTH (m)	COMMENTS
SECTOR 2	PROPOSED	H3G/EE	800482002	1978x488x164mm 47kg	190°	0°	24.0m	700/800/900	●	●	●									-	1/2460/38kg	-	-	1/5m	-	1/30m FIBRE 1/30m DC	1/2m	-	2/LCF12-50/2m	TO BE INSTALLED
								700/800/900	●	●	●									-		-	-		-			-	2/LCF12-50/2m	
								1400				●								-	1/4020/23.5kg	-	-	1/5m	-		1/2m	-	2/LCF12-50/2m	
								1400				●								-		-	-		-			-	2/LCF12-50/2m	
								SPARE												-		-	-	-	-		-	-	-	
								SPARE												-		-	-	-	-		-	-	-	
								SPARE												-		-	-	-	-		-	-	-	
								SPARE												-		-	-	-	-		-	-	-	
								TOTAL No.												-	2	-	2	2	-	1/1	2	-	8	

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES (X) NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS
IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES (X)	NO
CHERRY PICKER SURVEY	YES (X)	NO
COMMS SERVICE ALTERATION	YES (X)	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO (X)
GDC CALCS - INTERFACE STEELWORK	YES	NO (X)
GDC CALCS - EXISTING FOUNDATION	YES	NO (X)
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES (X)	NO
GEOTECH AND/OR TRIAL DIG	YES (X)	NO
ICNIRP CONTROL MEASURES	YES (X)	NO
INTRUSIVE SURVEY	YES (X)	NO
MEWP/SCAFFOLD REQUIREMENTS	YES (X)	NO
REC SERVICE ALTERATION	YES (X)	NO
STAT SEARCHES	YES	NO (X)
GPRS REQUIREMENT	YES (X)	NO
TENSILE PROOF TESTS	YES (X)	NO
TOWER CLIMB	YES (X)	NO
SAFETY SIGNAGE REFRESH	YES (X)	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
ANTENNA SCHEDULE S2

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
108

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm
A3

EXISTING EE/H3G ANTENNA SCHEDULE

ANTENNA									FUNCTION											ANCILLARIES			FEEDERS/FIBRE					
EXISTING ANTENNAS		OPERATOR	ANTENNA TYPE	ANTENNA SIZE mm (HxWxD) & WEIGHT (kg)	BRG° (EGN)	MECH TILT	HEIGHT TO CENTRE	ANTENNA REFERENCE	EE L800	H3G L800	EE G1800	EE L1800	H3G L1800	EE U2100	H3G U2100	EE L2100	H3G L2100	EE L2600	H3G 3500 (6G)	MHA TYPE	RRU QTY/TYPE WEIGHT (kg)	COMBINER/ DIPLEXER	BTS/UCU JUMPER QTY/TYPE /LENGTH (m)	INTERCONNECT JUMPER QTY/TYPE LENGTH (m)	MAIN FEEDER/FIBRE QTY/TYPE/LENGTH (m)	EXTENSION JUMPER QTY/TYPE/LENGTH (m)	ANTENNA JUMPER QTY/TYPE/ LENGTH (m)	COMMENTS
SECTOR 3	EXTG. ANT	EE/H3G	COMMSCOPE CV65BSX-M	1974x301x181 32.0kg	300°	0°	24.0m	R1 790-960	●	●										COMMSCOPE E15R02P11	-	RD0569	2/LDF 4-50/2m	-	2/AVA 5-50/35m	2/LDF 4-50/1.5m	2/LDF 4-50/1.5m	EE L800 TO BE RETAINED
								Y1 1710-2690						●	●	●				KAELUS TMA2053F01V2-1	-	UCU MK2	2/LDF 4-50/2m	-	2/AVA 5-50/30m	-	2/LDF 4-50/1.5m	TO BE REMOVED
								Y2 1710-2690			●	●								COMMSCOPE DUAL- GSM FULL	-	-	2/LDF 4-50/2m	-	2/AVA 5-50/33m	2/LDF 4-50/1.5m	2/LDF 4-50/1.5m	EE L1800 TO RETAINED

PROPOSED EE ANTENNA SCHEDULE

ANTENNA									FUNCTION											ANCILLARIES			FEEDERS/FIBRE						
PROPOSED/ EXISTING ANTENNAS		OPERATOR	ANTENNA TYPE	ANTENNA SIZE mm (HxWxD) & WEIGHT (kg)	BRG° (EGN)	MECH TILT	HEIGHT TO CENTRE	ANTENNA REFERENCE	H3G L700	H3G L800	H3G L900	H3G L1400	H3G L1800	H3G U2100	H3G U2100	H3G L2100	H3G L2100	H3G L2600	H3G 3500 (6G)	MHA TYPE	RRH QTY/TYPE WEIGHT (kg)	COMBINER/ DIPLEXOR	BTS/UCU JUMPER QTY/TYPE /LENGTH (m)	BTS TO BOB FIBRE JUMPER QTY/LENGTH (m)	MAIN FEEDER QTY/TYPE/LENGTH (m)	HYBRID FIBRE QTY/LENGTH (m)	BOB TO RRH FIBRE JUMPER QTY/LENGTH (m)	MHA JUMPER QTY/TYPE/ LENGTH (m)	ANTENNA JUMPER QTY/TYPE/ LENGTH (m)	COMMENTS
SECTOR 3	PROPOSED	H3G/EE	800482002	1978x488x164mm 47kg	300°	0°	24.0m	700/800/900	●	●	●									-	1/2460/38kg	-	-	1/5m	-	1/30m FIBRE 1/30m DC	1/2m	-	2/LCF12-50/2m	TO BE INSTALLED
								700/800/900	●	●	●									-		-	-		-			-	2/LCF12-50/2m	
								1400				●								-	1/4020/23.5kg	-	-	1/5m	-		1/2m	-	2/LCF12-50/2m	
								1400				●								-		-	-		-			-	2/LCF12-50/2m	
								SPARE												-		-	-		-		-	-	-	
								SPARE												-		-	-		-		-	-	-	
								SPARE												-		-	-		-		-	-	-	
								SPARE												-		-	-		-		-	-	-	
								TOTAL No.												-	2	-	2	2	-	1/1	2	-	8	

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED? YES (X) NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS
IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES (X)	NO
CHERRY PICKER SURVEY	YES (X)	NO
COMMS SERVICE ALTERATION	YES (X)	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO (X)
GDC CALCS - INTERFACE STEELWORK	YES	NO (X)
GDC CALCS - EXISTING FOUNDATION	YES	NO (X)
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES (X)	NO
GEOTECH AND/OR TRIAL DIG	YES (X)	NO
ICNIRP CONTROL MEASURES	YES (X)	NO
INTRUSIVE SURVEY	YES (X)	NO
MEWP/SCAFFOLD REQUIREMENTS	YES (X)	NO
REC SERVICE ALTERATION	YES (X)	NO
STAT SEARCHES	YES	NO (X)
GPRS REQUIREMENT	YES (X)	NO
TENSILE PROOF TESTS	YES (X)	NO
TOWER CLIMB	YES (X)	NO
SAFETY SIGNAGE REFRESH	YES (X)	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
ANTENNA SCHEDULE S3

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
111

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm
A3

EXISTING CABINET/RACK SCHEDULE

OPERATOR	EXISTING/ PROPOSED	CABINET RACK/TYPE	SIZE mm (WxDxH)	COLOUR	COMMENTS
EE	EXISTING	2G/4G FCOA	770x770x1570	GREY	C/W L1800 & G1800 MODULES
EE/H3G	EXISTING	SAMO	750x595x2084	GREY	C/W L800 & L1800 MODULES & RD0569 800/800 SBC's
EE/H3G	EXISTING	SIEMENS NEC CAB.	710x1260x1626	GREY	-

EXISTING EE DISH SCHEDULE

REF	OPERATOR	EXISTING/ PROPOSED	DISH BEARING ° EGN	DISH SIZE Ømm	DISH HEIGHT m AGL	FUNCTION/ LINK No.	COMMENTS
D1	EE/H3G	EXISTING	225°	Ø600	24.7m	ML89162	-
D2	EE/H3G	EXISTING	44°	Ø300	24.7m	ML88622	-

EXISTING POWER SUPPLY/SOURCE SCHEDULE

OPERATOR	EXISTING/ PROPOSED	CABINET RACK/TYPE	SIZE (WxDxH)	COLOUR	SOURCE	COMMENTS
EE	EXISTING	METER CABINET	790x385x1295	STANDARD	100A 3ph REC	C/W 1-PHASE 100A REC SUPPLY, 9-POLE CRABTREE DISTRIBUTION BOARD & EXTERNAL GENERATOR SOCKET.

PROPOSED CABINET/RACK SCHEDULE

OPERATOR	EXISTING/ PROPOSED	CABINET RACK/TYPE	QUANTITY	SIZE mm (WxDxH)	COLOUR	COMMENTS
EE	EXISTING	2G/4G FCOA	1No.	770x770x1570	GREY	G/L1800/L800
EE/H3G	EXISTING	SAMO	1No.	750x595x2084	GREY	C/W L800 & L1800 MODULES & RD0569 800/800 SBC's
EE/H3G	EXISTING	SIEMENS NEC CAB.	1No.	710x1260x1626	GREY	C/W TRANSMISSION EQUIPMENT , 2100 FLEXI MODULES & UCU's TO BE REMOVED
H3G	PROPOSED	6130 CABINET	1No.	650x700x950	GREY	TO BE INSTALLED ON PROPOSED WIG CONCRETE BASE

PROPOSED EE DISH SCHEDULE

REF	OPERATOR	EXISTING/ PROPOSED	DISH BEARING ° EGN	DISH SIZE Ømm	DISH HEIGHT m AGL	FUNCTION/ LINK No.	COMMENTS
D1	EE/H3G	EXISTING	225°	Ø600	24.7m	ML89162	TO BE RELOCATED
D2	EE/H3G	EXISTING	44°	Ø300	24.7m	ML88622	TO BE RELOCATED

EXISTING POWER SUPPLY/SOURCE SCHEDULE

OPERATOR	EXISTING/ PROPOSED	CABINET RACK/TYPE	SIZE (WxDxH)	COLOUR	SOURCE	COMMENTS
EE	EXISTING	METER CABINET	790x385x1295	STANDARD	100A 3ph REC	C/W 1-PHASE 100A REC SUPPLY & EXTERNAL GENERATOR SOCKET.

PROPOSED GPS KEY

OPERATOR	EXISTING/ PROPOSED	BRAND/MODEL	FEEDER TYPE	GPS HEIGHT m AGL	COMMENTS
H3G	PROPOSED	ROSENBERGER	1/2" N-TYPE	3.1m	TO BE INSTALLED ON DEDICATED STEEL SUPPORT ON TOP OF EXISTING GANTRY POLE

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED?	YES	NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS
IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
EQUIPMENT SCHEDULES

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

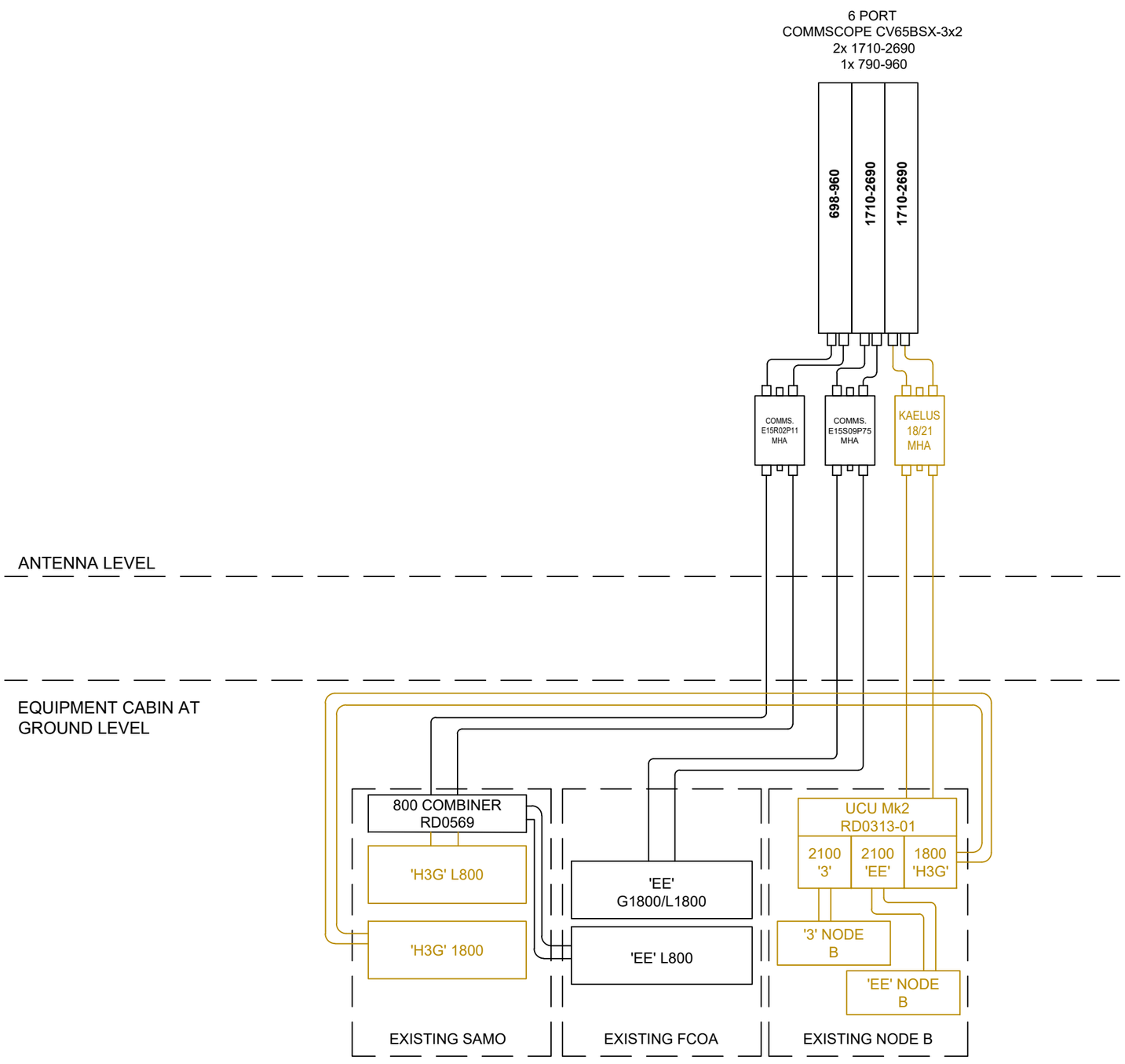
DRAWING NUMBER:
110

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm
A3

EXISTING EE/H3G ANTENNA SCHEMATIC



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED?	YES	NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
GREY	——	EQUIPMENT TO BE REMOVED

REV	DESCRIPTION OF REVISION	BY	CH	DATE
A	GENERAL ARRANGEMENT	RS	JW	20.11.25

DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

Wireless Infrastructure Group

EE	H3G	MBNL
25819	RH0161	HSM048

PROJECT
AIRSCALE

SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
EXISTING ANTENNA SCHEMATIC

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
111

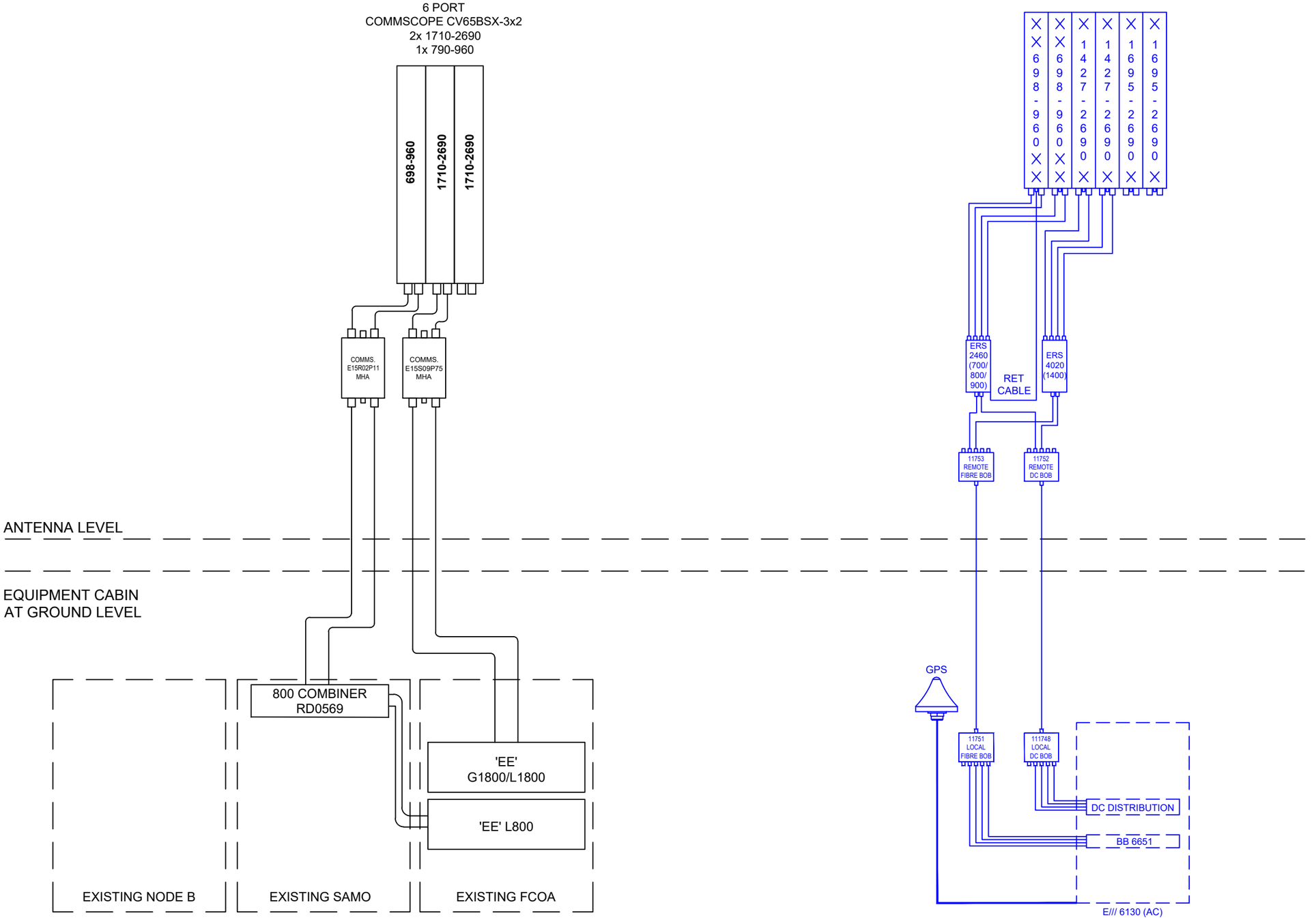
SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm

A3

PROPOSED ANTENNA SCHEMATIC



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N.G.R	E 507779	N 124714

NOMINATION REFERENCE: 25819_(2020-10-12)_NOK

CONCESSION/FIXIT REQUIRED?	YES	NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH WIG EMF POLICY W19-EMC-0011-01TS_V0.1

SITE DESIGN CATEGORY	• GROUND LEVEL - PUBLIC ACCESS • TOWER - WORKER ONLY ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
N/A

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC CALCS - TOWER (GF OR RT STUB) / POLE (RT)	YES	NO
GDC CALCS - INTERFACE STEELWORK	YES	NO
GDC CALCS - EXISTING FOUNDATION	YES	NO
GDC CALCS - EXISTING MONOPOLE HD BOLTS	YES	NO
GEOTECH AND/OR TRIAL DIG	YES	NO
ICNIRP CONTROL MEASURES	YES	NO
INTRUSIVE SURVEY	YES	NO
MEWP/SCAFFOLD REQUIREMENTS	YES	NO
REC SERVICE ALTERATION	YES	NO
STAT SEARCHES	YES	NO
GPRS REQUIREMENT	YES	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO
SAFETY SIGNAGE REFRESH	YES	NO

COLOUR CHART

BLACK	——	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	——	PROPOSED INSTALLATION
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DESIGN CONSULTANT	WIG PROJECT NUMBER
NOVO TECHNOLOGIES	B-SWS0120-6

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PROJECT
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SITE NAME AND ADDRESS

BILLINGSHURST WATER TREATMENT WORKS, SOUTHERN WATER 101238 STANE STREET, PARBROOK BILLINGSHURST, WEST SUSSEX RH14 9PQ

DRAWING TITLE:
PROPOSED ANTENNA SCHEMATIC

PURPOSE OF ISSUE:
GENERAL ARRANGEMENT DRAWING

DRAWING NUMBER:
112

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	RS	20.11.25	A

CHECKED:	DATE:	APPROVED:	DATE:
JW	20.11.25	JW	20.11.25

100mm
50mm
10mm
A3