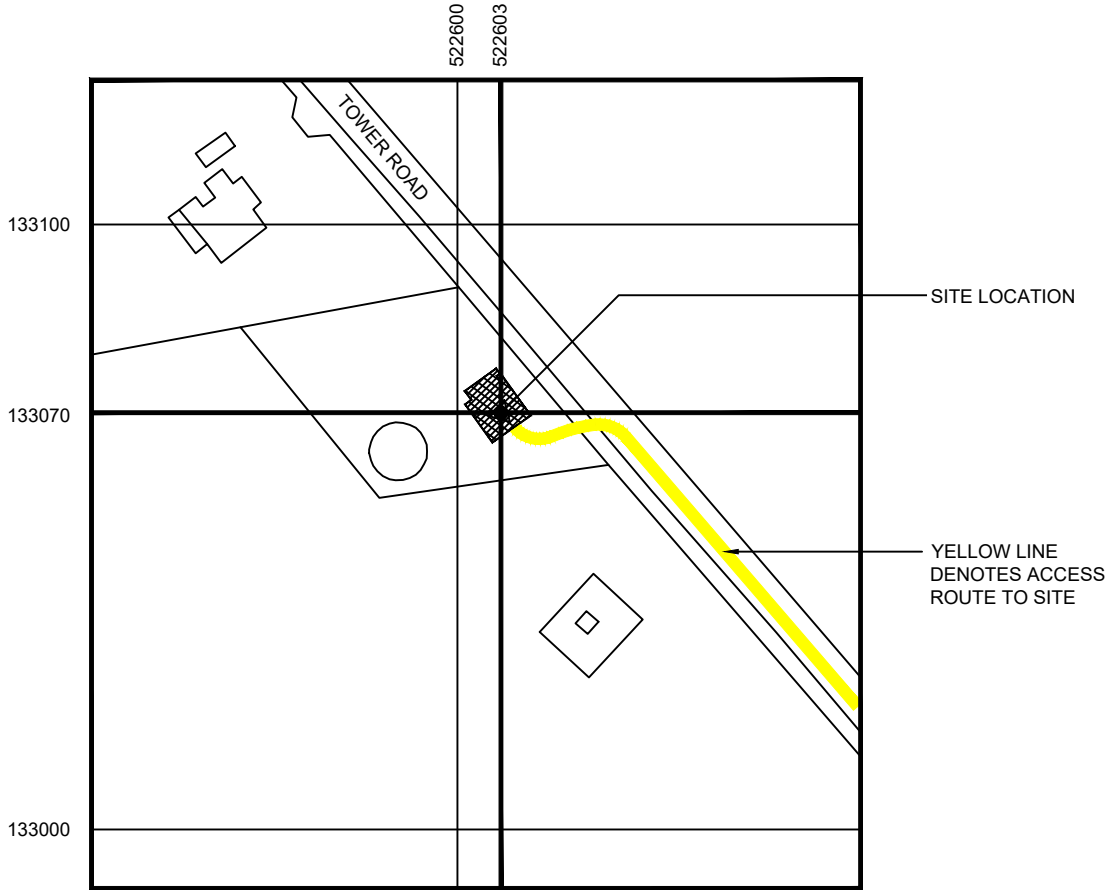
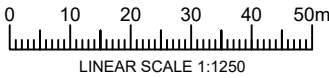


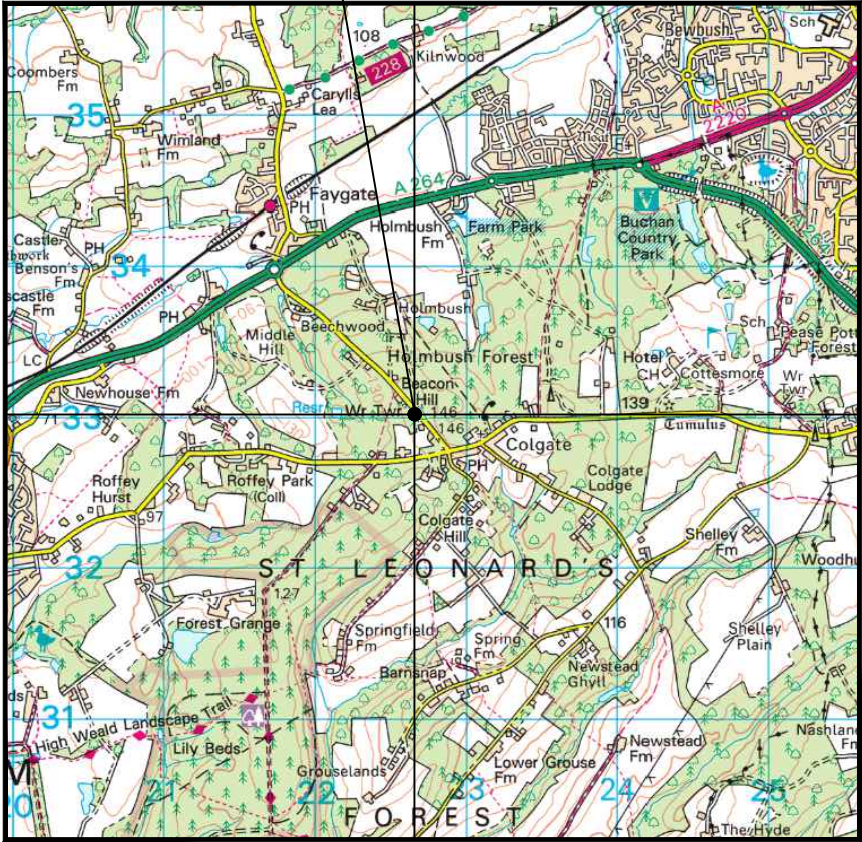


BLOCK PLAN

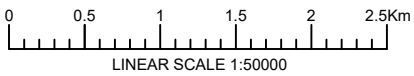


GOOGLE MAPS QR CODE

SITE LOCATION



LOCATION PLAN



PHOTOGRAPH OF EXISTING SITE

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE				
N.G.R	E 522603	N 133070		
NOMINATION REFERENCE: N/A				
CONCESSION/FIXIT REQUIRED?		☒ YES ☐ NO		
REASON FOR CONCESSION/FIXIT:				
N/A				
ICNIRP DETAILS				
IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES				
SITE DESIGN CATEGORY		PUBLIC ACCESS		
ICNIRP CONTROL MEASURE (IF REQUIRED):				
NO CONTROL MEASURE REQUIRED				
DEPENDENCIES FOR DETAILED DESIGN/BUILD				
ASBESTOS SURVEY		☒ YES	☐ NO	
CHERRY PICKER SURVEY		☒ YES	☐ NO	
COMMS SERVICE ALTERATION		☒ YES	☐ NO	
GDC/STRUCTURAL CALCULATIONS		☒ 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	
COLOUR CHART				
BLACK ——— TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.				
BLUE ——— PROPOSED INSTALLATION				
YELLOW ——— ACCESS ROUTE				
B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE
DESIGN CONSULTANT		WIG PROJECT NUMBER		
MITIE		CTIL-C-SWS0013-5		
 Wireless Infrastructure Group				
CTIL		VF	TEF	
120635		000035	N/A	
SITE NAME AND ADDRESS				
COLGATE WATER TOWER TOWER ROAD COLGATE CRAWLEY RH12 4SX				
DRAWING TITLE:				
LOCATION AND BLOCK PLANS				
PURPOSE OF ISSUE:				
PLANNING				
DRAWING NUMBER:				
100				
SCALE:		DRAWN:		DATE:
AS SHOWN @ A3		TS2		19.08.2025
CHECKED:	DATE:	APPROVED:	DATE:	REV:
TS2	19.08.2025	MITIE	19.08.2025	B

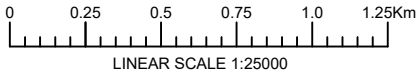


SITE LOCATION

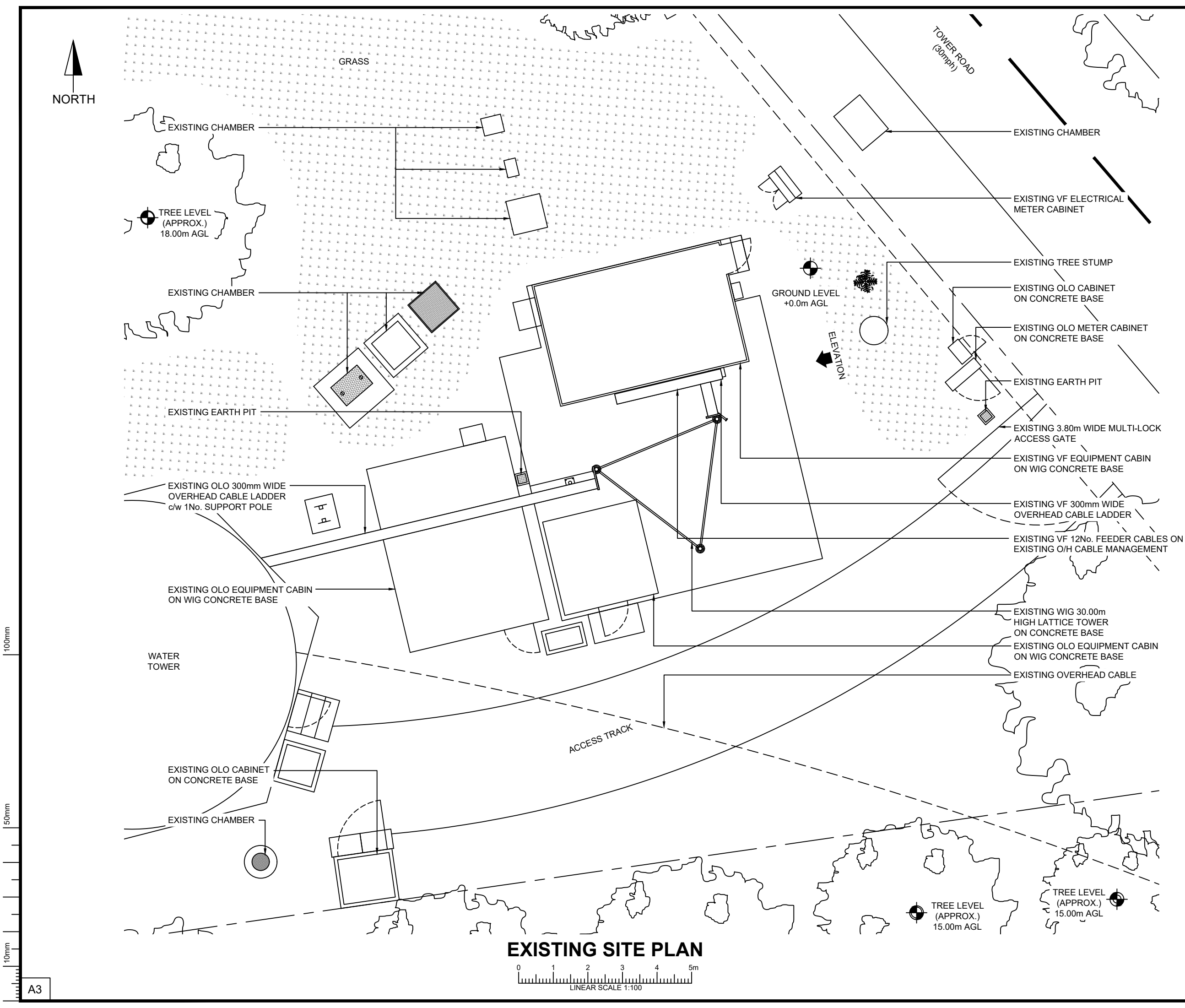
ACCESS TO SITE VIA
TOWER ROAD



LOCATION PLAN



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE				
N.G.R		E 522603		N 133070
NOMINATION REFERENCE: N/A				
CONCESSION/FIXIT REQUIRED?			☒	NO
REASON FOR CONCESSION/FIXIT:				
N/A				
ICNIRP DETAILS				
IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES				
SITE DESIGN CATEGORY		PUBLIC ACCESS		
ICNIRP CONTROL MEASURE (IF REQUIRED):				
NO CONTROL MEASURE REQUIRED				
DEPENDENCIES FOR DETAILED DESIGN/BUILD				
ASBESTOS SURVEY			☒	NO
CHERRY PICKER SURVEY			☒	NO
COMMS SERVICE ALTERATION			☒	NO
GDC/STRUCTURAL CALCULATIONS			YES	☒
GEOTECH AND/OR TRIAL DIG			☒	NO
ICNIRP CONTROL MEASURES			☒	NO
INTRUSIVE SURVEY			☒	NO
MEWP/SCAFFOLD REQUIREMENTS			☒	NO
REC SERVICE ALTERATION			☒	NO
STAT SEARCHES			☒	NO
GPRS REQUIREMENT			☒	NO
TENSILE PROOF TESTS			☒	NO
TOWER CLIMB			YES	☒
COLOUR CHART				
BLACK	—	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.		
BLUE	—	PROPOSED INSTALLATION		
YELLOW	—	ACCESS ROUTE		
B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE
DESIGN CONSULTANT		WIG PROJECT NUMBER		
MITIE		CTIL-C-SWS0013-5		
 Wireless Infrastructure Group				
CTIL		VF	TEF	
120635		000035	N/A	
SITE NAME AND ADDRESS				
COLGATE WATER TOWER TOWER ROAD COLGATE CRAWLEY RH12 4SX				
DRAWING TITLE:				
LOCATION PLAN				
PURPOSE OF ISSUE:				
PLANNING				
DRAWING NUMBER:				
101				
SCALE:		DRAWN:	DATE:	REV:
AS SHOWN @ A3		TS2	19.08.2025	B
CHECKED:	DATE:	APPROVED:	DATE:	
TS2	19.08.2025	MITIE	19.08.2025	



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E 522603

N 133070

NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?

YES

NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC/STRUCTURAL CALCULATIONS	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

COLOUR CHART

BLACK

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

BLUE

PROPOSED INSTALLATION

BROWN

REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
MITIE	CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER

TOWER ROAD

COLGATE

CRAWLEY

RH12 4SX

DRAWING TITLE:

EXISTING SITE PLAN

PURPOSE OF ISSUE:

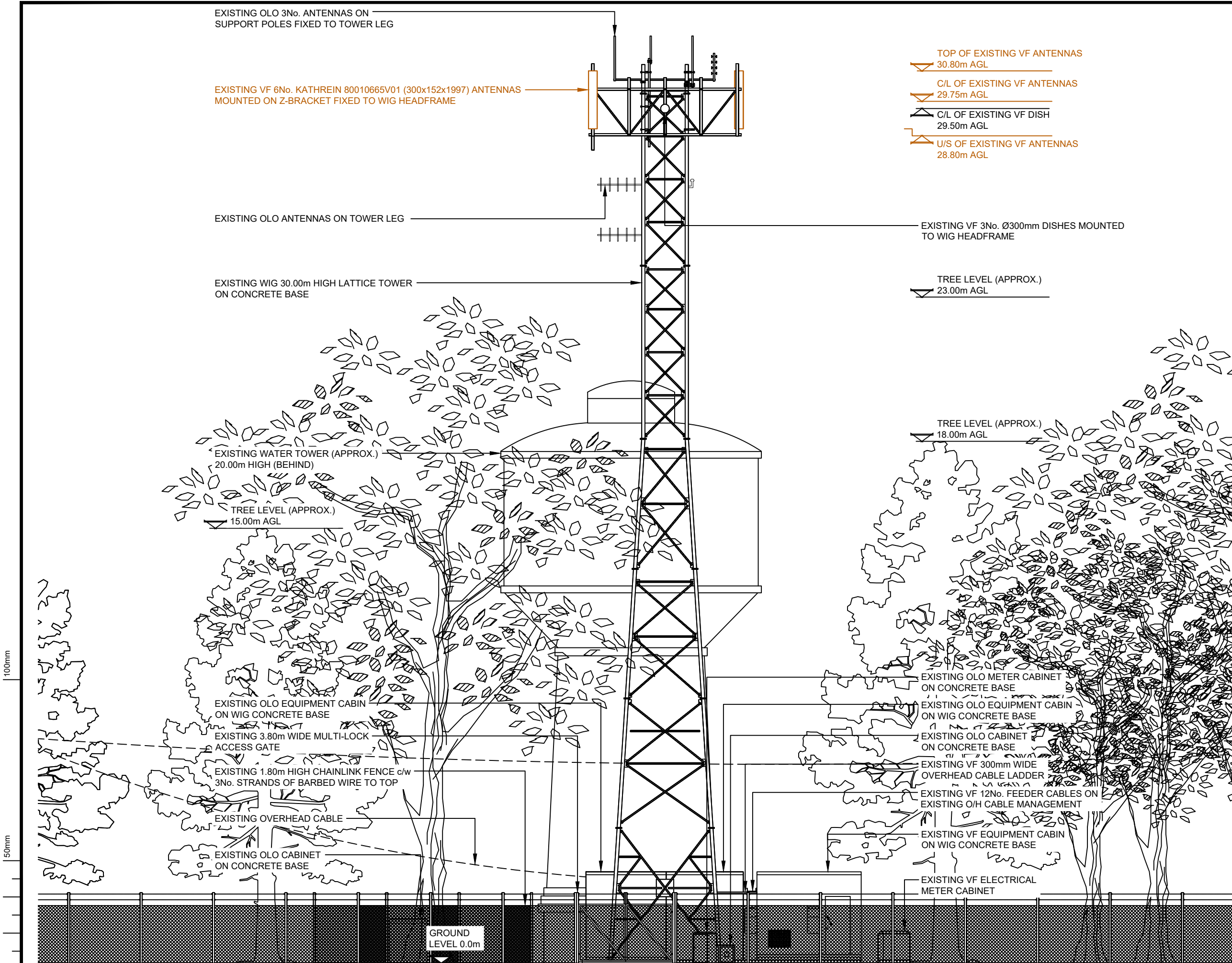
PLANNING

DRAWING NUMBER:

102

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	TS2	19.08.2025	
CHECKED:	DATE:	APPROVED:	DATE:
TS2	19.08.2025	MITIE	19.08.2025

B



EXISTING NORTH EAST ELEVATION



- TOP OF EXISTING VF ANTENNAS
30.80m AGL
- C/L OF EXISTING VF ANTENNAS
29.75m AGL
- C/L OF EXISTING VF DISH
29.50m AGL
- U/S OF EXISTING VF ANTENNAS
28.80m AGL

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 522603	N 133070
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NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?	☒ YES	☐ NO
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REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY	PUBLIC ACCESS
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ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	☒ YES	☐ NO
CHERRY PICKER SURVEY	☒ YES	☐ NO
COMMS SERVICE ALTERATION	☒ YES	☐ NO
GDC/STRUCTURAL CALCULATIONS	☒ 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

COLOUR CHART

BLACK	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	PROPOSED INSTALLATION
BROWN	REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
MITIE	CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER

TOWER ROAD

COLGATE

CRAWLEY

RH12 4SX

DRAWING TITLE:

EXISTING SITE ELEVATION

PURPOSE OF ISSUE:

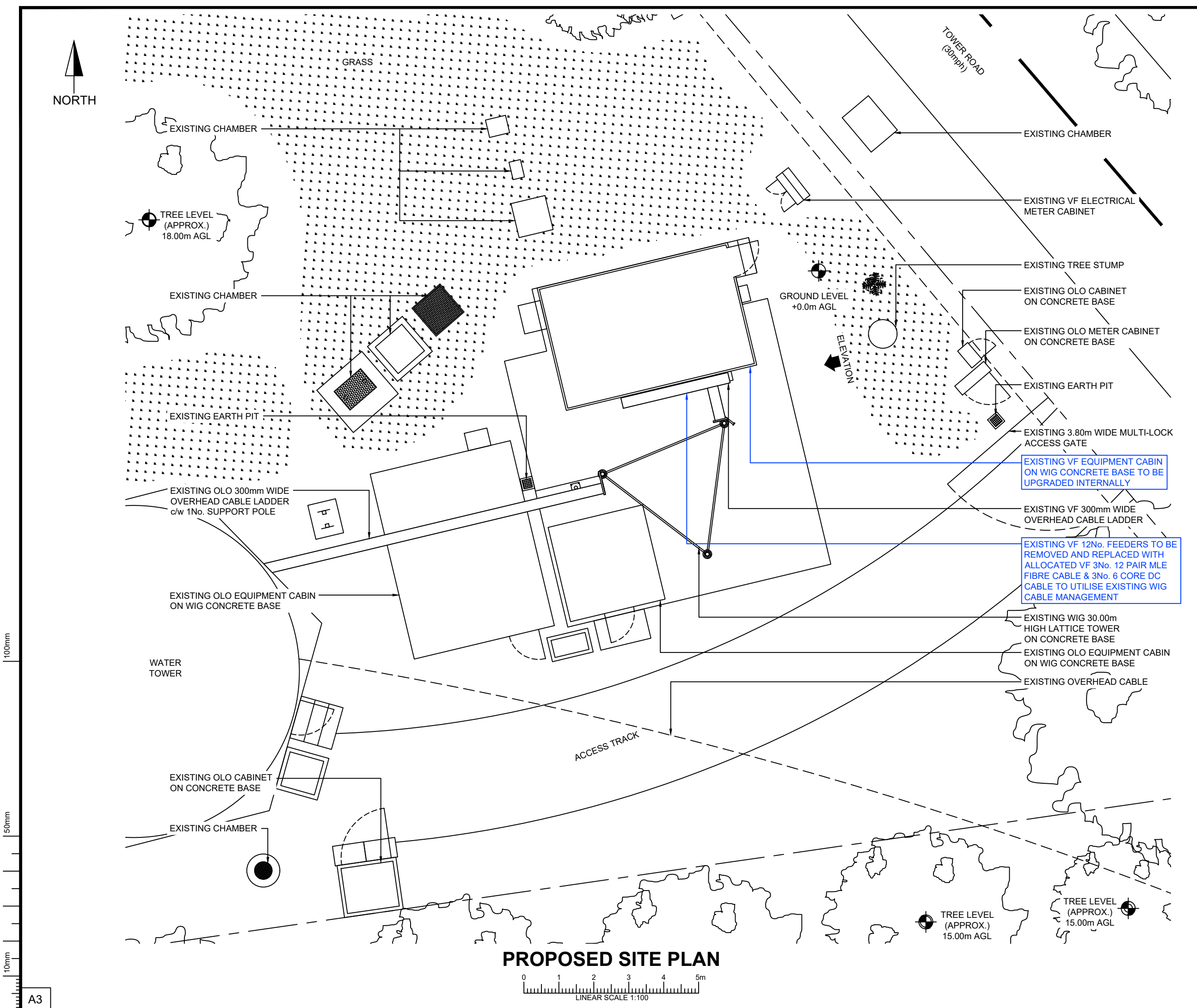
PLANNING

DRAWING NUMBER:

103

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	TS2	19.08.2025	
CHECKED:	DATE:	APPROVED:	DATE:
TS2	19.08.2025	MITIE	19.08.2025

B



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 522603	N 133070
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NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY		NO
CHERRY PICKER SURVEY		NO
COMMS SERVICE ALTERATION		NO
GDC/STRUCTURAL CALCULATIONS		NO
GEOTECH AND/OR TRIAL DIG		NO
ICNIRP CONTROL MEASURES		NO
INTRUSIVE SURVEY		NO
MEWP/SCAFFOLD REQUIREMENTS		NO
REC SERVICE ALTERATION		NO
STAT SEARCHES		NO
GPRS REQUIREMENT		NO
TENSILE PROOF TESTS		NO
TOWER CLIMB		YES

COLOUR CHART

BLACK

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

BLUE

PROPOSED INSTALLATION

BROWN

REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
MITIE	CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX

DRAWING TITLE:

PROPOSED SITE PLAN

PURPOSE OF ISSUE:

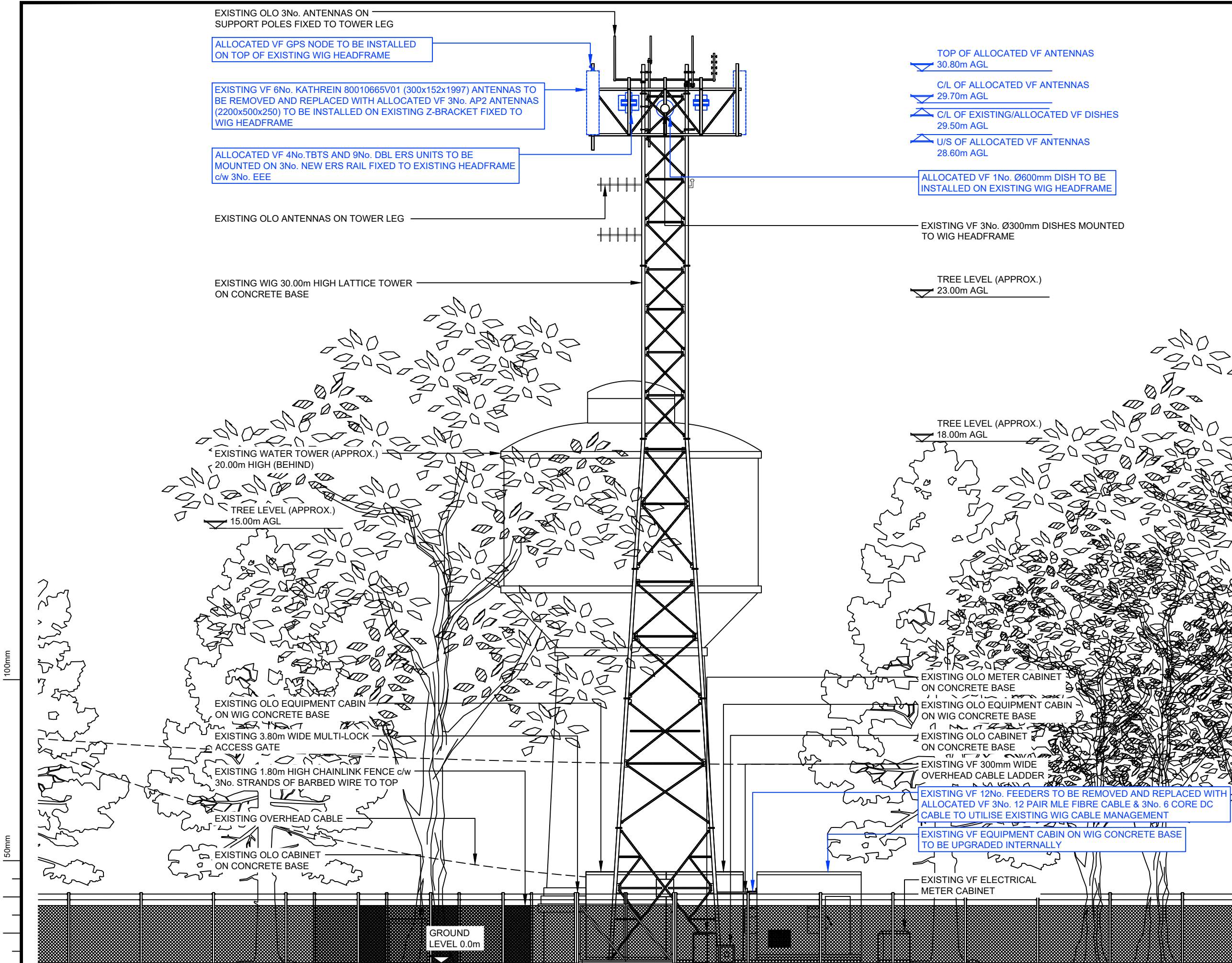
PLANNING

DRAWING NUMBER:

104

SCALE: AS SHOWN @ A3	DRAWN: TS2	DATE: 19.08.2025	REV:
CHECKED: TS2	DATE: 19.08.2025	APPROVED: MITIE	DATE: 19.08.2025

B



PROPOSED NORTH EAST ELEVATION



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 522603	N 133070
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NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY		NO
CHERRY PICKER SURVEY		NO
COMMS SERVICE ALTERATION		NO
GDC/STRUCTURAL CALCULATIONS	YES	
GEOTECH AND/OR TRIAL DIG		NO
ICNIRP CONTROL MEASURES		NO
INTRUSIVE SURVEY		NO
MEWP/SCAFFOLD REQUIREMENTS		NO
REC SERVICE ALTERATION		NO
STAT SEARCHES		NO
GPRS REQUIREMENT		NO
TENSILE PROOF TESTS		NO
TOWER CLIMB	YES	

COLOUR CHART

BLACK

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

BLUE

PROPOSED INSTALLATION

BROWN

REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT

WIG PROJECT NUMBER

MITIE

CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX

DRAWING TITLE:

PROPOSED SITE ELEVATION

PURPOSE OF ISSUE:

PLANNING

DRAWING NUMBER:

105

SCALE:	DRAWN:	DATE:	REV:
AS SHOWN @ A3	TS2	19.08.2025	
CHECKED:	DATE:	APPROVED:	DATE:
TS2	19.08.2025	MITIE	19.08.2025

B



EXISTING VF DELTA DPS2900B-48-6 PSU (2)
c/w 3No. RECTIFIERS

EXISTING VF 3No. HARMER & SIMMONS PSU

EXISTING VF DELTA DPS2900B-48-6
PSU (1) c/w 3No. 2.9 kW RECTIFIERS &
1No. BATTERY STRING TO BE
UTILISED FOR PROPOSED UPGRADE

EXISTING VF Tx RACK (2)

EXISTING VF 300mm WIDE
OVERHEAD CABLE LADDER
TO BE UTILISED FOR
PROPOSED UPGRADE

EXISTING 1No. 9-WAY ROXTEC GLAND. EXISTING VF
6No. FEEDERS TO BE REMOVED

EXISTING VF Tx RACK (1)

EXISTING 1No. 4 ENERGY MK3
TYPE 01 COOLING UNIT

— EXISTING WALL MOUNTED
BT EQUIPMENT

— EXISTING ISOLATOR SWITCH

— EXISTING AC DISTRIBUTION BOARD

ACCESS
DOOR

— EXISTING 1No. 4 ENERGY MK3
TYPE 01 COOLING UNIT

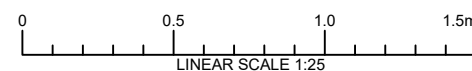
— EXISTING VF Tx RACK (3)

EXISTING VF 3No. 8/9 COMBINERS
TO BE REMOVED

EXISTING VF VARI RACK.
ACCOMMODATE PROPOSED TEF 1No.
6651 BBU & 1No. 6610 BBU ALARM
CONTROLLER. EXISTING VF 1No. 6631
& VF 1No. 6651 BBU TO BE UTILISED
FOR PROPOSED UPGRADE AND
EXISTING VF 3No. 2212 ERS L09, VF
3No. 2212 ERS L08, VF 3No. 2212 ERS
GU09 & 1No. 6630 BBU TO BE REMOVED

EXISTING 1No. 9-WAY ROXTEC GLAND.
EXISTING VF 6No. FEEDERS TO BE
REMOVED AND REPLACED WITH
ALLOCATED VF 3No. 12 PAIR MLE
FIBRE CABLE & 3No. 6 CORE DC CABLE

EQUIPMENT PLAN



A3

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 522603	N 133070
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NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?

N/A	
	<u>ICNIRP DETAILS</u>

SITE DESIGN CATEGORY	PUBLIC ACCESS
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ICNIRP CONTROL MEASURE (IF REQUIRED):
NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	☒	NO
CHERRY PICKER SURVEY	☒	NO
COMMS SERVICE ALTERATION	☒	NO
GDC/STRUCTURAL CALCULATIONS	YES	NO
GEOTECH AND/OR TRIAL DIG	☒	NO
ICNIRP CONTROL MEASURES	☒	NO
INTRUSIVE SURVEY	☒	NO
MEWP/SCAFFOLD REQUIREMENTS	☒	NO
REC SERVICE ALTERATION	☒	NO
STAT SEARCHES	☒	NO
GPRS REQUIREMENT	☒	NO
TENSILE PROOF TESTS	YES	NO
TOWER CLIMB	YES	NO

COLOUR CHART

BLACK	—	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	—	PROPOSED INSTALLATION
BROWN	—	REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
-------------------	--------------------

MITIE	CTIL-C-SWS0013-5
-------	------------------



CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

**COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX**

DRAWING TITLE: **EQUIPMENT PLAN**

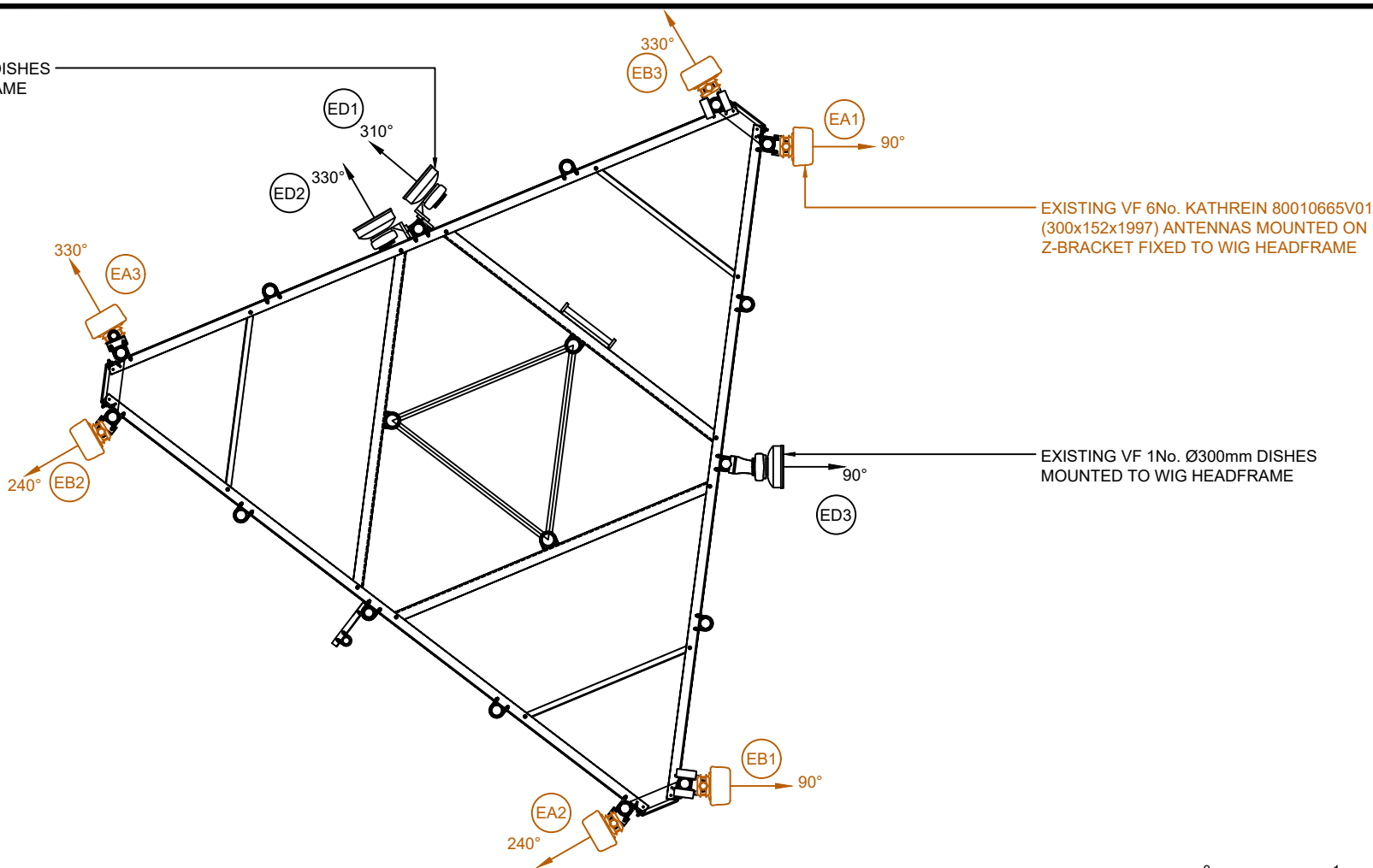
PURPOSE OF ISSUE:	PLANNING
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DRAWING NUMBER: **106**

SCALE: AS SHOWN @ A3		DRAWN: TS2	DATE: 19.08.2025	REV: B
CHECKED: TS2	DATE: 19.08.2025	APPROVED: MITIE	DATE: 19.08.2025	



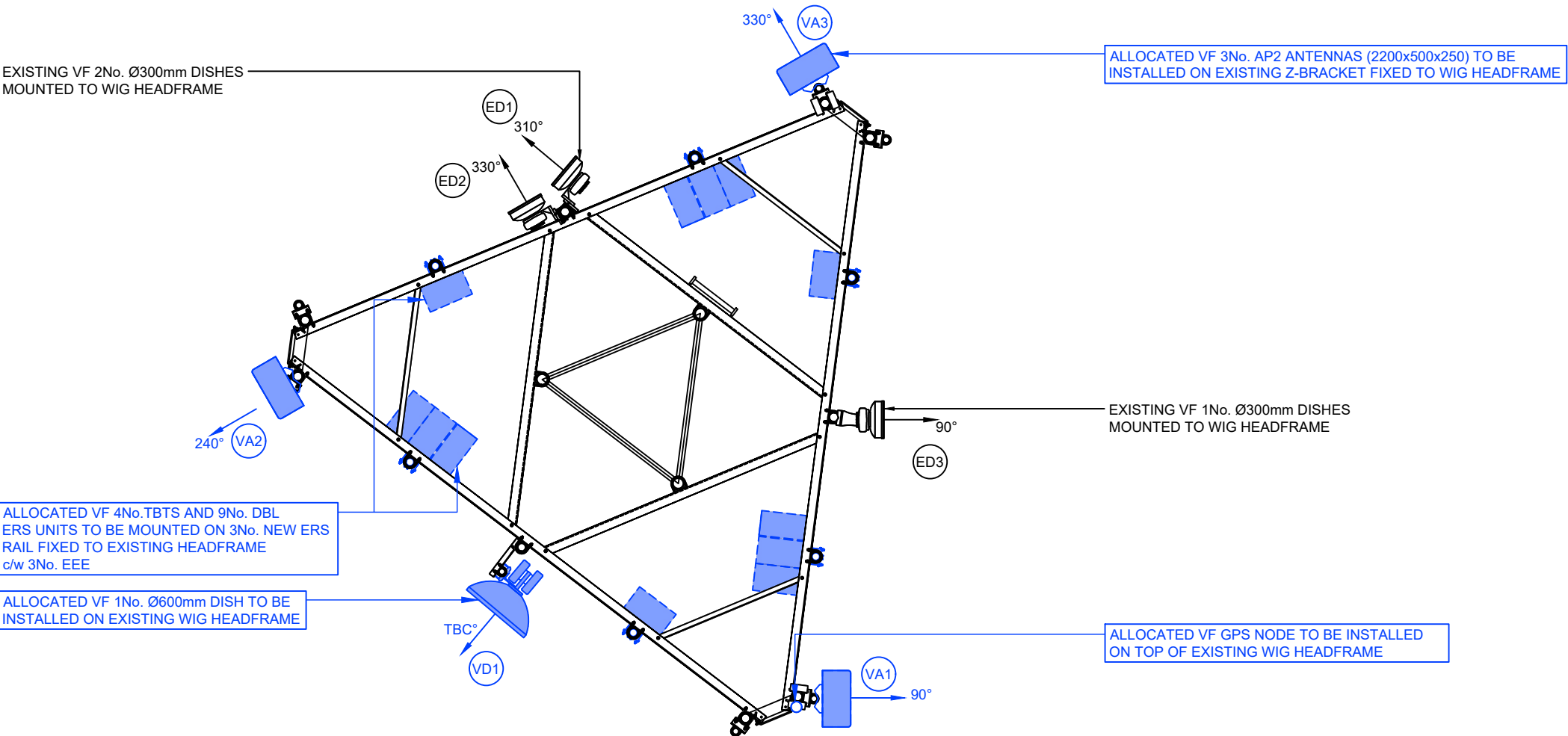
EXISTING VF 2No. Ø300mm DISHES
MOUNTED TO WIG HEADFRAME



EXISTING ANTENNAS PLAN @ 30.80m AGL



EXISTING VF 2No. Ø300mm DISHES
MOUNTED TO WIG HEADFRAME



PROPOSED ANTENNA PLAN @ 30.80m AGL



ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 522603	N 133070
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NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY		NO
CHERRY PICKER SURVEY		NO
COMMS SERVICE ALTERATION		NO
GDC/STRUCTURAL CALCULATIONS		NO
GEOTECH AND/OR TRIAL DIG		NO
ICNIRP CONTROL MEASURES		NO
INTRUSIVE SURVEY		NO
MEWP/SCAFFOLD REQUIREMENTS		NO
REC SERVICE ALTERATION		NO
STAT SEARCHES		NO
GPRS REQUIREMENT		NO
TENSILE PROOF TESTS		NO
TOWER CLIMB		YES

COLOUR CHART

BLACK

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

BLUE

PROPOSED INSTALLATION

BROWN

REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
MITIE	CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER

TOWER ROAD

COLGATE

CRAWLEY

RH12 4SX

DRAWING TITLE:

ANTENNA PLAN

PURPOSE OF ISSUE:

PLANNING

DRAWING NUMBER:

107

SCALE: AS SHOWN @ A3	DRAWN: TS2	DATE: 19.08.2025	REV:
CHECKED: TS2	DATE: 19.08.2025	APPROVED: MITIE	DATE: 19.08.2025

B

EXISTING TEF R.F. SYSTEM DESIGN																		
R.F. CONFIG CODE:		SECTOR 1 BEARING (DEG)					SECTOR 2 BEARING (DEG)					SECTOR 3 BEARING (DEG)						
E_UK_SRB_304_221_S		EA1	90°	EB1	90°	—	—	EA2	240°	EB2	240°	—	—	EA3	330°	EB3	330°	—

KATHREIN 80010665
ANTENNA

KATHREIN 80010665
ANTENNA

RRU ABOVE THIS
LINE REMOTE

RRU BELOW THIS LINE
LOCAL

8/9 COMBINER

L800
VF

L900
VF

GU900
VF

ANTENNA DETAILS	SECTOR (INDICATE ALL THAT APPLY)	SECTOR 1/2/3		
	ANTENNA REFERENCE	EA	EB	—
	TOP OF ANTENNA (m)	30.80m	30.80m	—
	U/S OF ANTENNA (m)	28.80m	28.80m	—
	ANTENNA MODEL/PART No.	KATHREIN 80010665 ANTENNA	KATHREIN 80010665 ANTENNA	—
	STATUS	REMOVE	REMOVE	—

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E 522603

N 133070

NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?

YES

NO

REASON FOR CONCESSION/FIXIT:
N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC/STRUCTURAL CALCULATIONS	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

COLOUR CHART

BLACK

BLUE

BROWN

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

PROPOSED INSTALLATION

REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
MITIE	CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX

DRAWING TITLE: EXISTING ANTENNA
SCHEMATIC & SCHEDULE

PURPOSE OF ISSUE:
PLANNING

DRAWING NUMBER:
108

SCALE: AS SHOWN @ A3	DRAWN: TS2	DATE: 19.08.2025	REV:
CHECKED: TS2	DATE: 19.08.2025	APPROVED: MITIE	DATE: 19.08.2025

B

100mm

50mm

10mm

A3

AP2

v2.0

DBL
RRU 1
v2

DBL
RRU 2
v2

DBL
RRU 3
v2

TBTS
RRU 4
v2

RRU ABOVE THIS
LINE REMOTE

RRU BELOW THIS LINE
LOCAL

DESIGN CODES

The Actual Code reflects the positions in which each operator has reserved the right to install equipment as shown in the Allocated schematic

ACTUAL:MM1_R4_C0_v3

Allocated = Operator acquired rights, Position reserved for future equipment

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E 522603	N 133070
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NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?	☒ YES	☐ NO
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REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS
IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY	PUBLIC ACCESS
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ICNIRP CONTROL MEASURE (IF REQUIRED):
NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	☒	NO
CHERRY PICKER SURVEY	☒	NO
COMMS SERVICE ALTERATION	☒	NO
GDC/STRUCTURAL CALCULATIONS	YES	☒
GEOTECH AND/OR TRIAL DIG	☒	NO
ICNIRP CONTROL MEASURES	☒	NO
INTRUSIVE SURVEY	☒	NO
MEWP/SCAFFOLD REQUIREMENTS	☒	NO
REC SERVICE ALTERATION	☒	NO
STAT SEARCHES	☒	NO
GPRS REQUIREMENT	☒	NO
TENSILE PROOF TESTS	☒	NO
TOWER CLIMB	YES	☒

COLOUR CHART

BLACK	—	TEXT, EXISTING BUILDINGS, TOWERS, STRUCTURES, TREES, ETC.
BLUE	—	PROPOSED INSTALLATION
BROWN	—	REMOVED INSTALLATION

B	ICNIRP UPDATED	TS2	TS2	08.01.2026
A	PLANNING ISSUE	TS2	TS2	19.08.2025
REV	DESCRIPTION OF REVISION	BY	CH	DATE

DESIGN CONSULTANT	WIG PROJECT NUMBER
MITIE	CTIL-C-SWS0013-5



CTIL	VF	TEF
120635	000035	N/A

SITE NAME AND ADDRESS			
COLGATE WATER TOWER TOWER ROAD COLGATE CRAWLEY RH12 4SX			
DRAWING TITLE: ALLOCATED ANTENNA SCHEMATIC			
PURPOSE OF ISSUE: PLANNING			
DRAWING NUMBER: 109			
SCALE: AS SHOWN @ A3		DRAWN: TS2	DATE: 19.08.2025
CHECKED: TS2	DATE: 19.08.2025	APPROVED: MITIE	DATE: 19.08.2025
			REV: B

100mm

50mm

10mm

ALLOCATED SCHEDULE – DOC REF: VFUKND_6121_GA v3.1																		
R.F. CONFIG CODE:		SECTOR 1 BEARING (DEG)					SECTOR 2 BEARING (DEG)					SECTOR 3 BEARING (DEG)						
MM1_R4_C0_V3		VA1	90°	–	–	–	–	VA2	240°	–	–	–	–	VA3	330°	–	–	–

ANTENNA DETAILS	SECTOR (SELECT ALL THAT APPLY)	SECTOR 1/2/3		
	ANTENNA REFERENCE	VA	–	–
	TOP OF ANTENNA (m)	30.80m	–	–
	U/S OF ANTENNA (m)	28.60m	–	–
	ANTENNA MODEL/PART No.	AP2	–	–
	STATUS	ALLOCATED	–	–

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E 522603

N 133070

NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?

YES

NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY	YES	NO
CHERRY PICKER SURVEY	YES	NO
COMMS SERVICE ALTERATION	YES	NO
GDC/STRUCTURAL CALCULATIONS	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

COLOUR CHART

BLACK

—

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

BLUE

—

PROPOSED INSTALLATION

BROWN

—

REMOVED INSTALLATION

B

ICNIRP UPDATED

TS2

TS2

08.01.2026

A

PLANNING ISSUE

TS2

TS2

19.08.2025

REV

DESCRIPTION OF REVISION

BY

CH

DATE

DESIGN CONSULTANT

WIG PROJECT NUMBER

MITIE

CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL

VF

TEF

120635

000035

N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX

DRAWING TITLE:

ALLOCATED ANTENNA SCHEDULE

PURPOSE OF ISSUE:

PLANNING

DRAWING NUMBER:

110

SCALE:

AS SHOWN @ A3

DRAWN:

TS2

DATE:

19.08.2025

REV:

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TS2

DATE:

19.08.2025

APPROVED:

MITIE

DATE:

19.08.2025

B

100mm

50mm

10mm

100mm
50mm
10mm

SUPPORT STRUCTURE SCHEDULE									
EXISTING/ PROPOSED	OWNER	MANUFACTURER	MODEL	STRUCTURE HEIGHT	FOUNDATION TYPE (ROOT/PAD/GRILLAGE)	FOUNDATION DIMENSIONS (WxDxH)	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	WIG	–	LATTICE TOWER	30.00m	CONCRETE BASE	7738x9638	GALV	REMAIN	–
EXISTING	WIG	–	HEADFRAME	–	–	–	GALV	REMAIN	–
PROPOSED	WIG	–	GPS SUPPORT BRACKET	–	–	–	GALV	NEW	1No.
PROPOSED	WIG	–	ERS RAIL	–	–	–	GALV	NEW	6No. REQUIRED

FALL ARREST SYSTEM SCHEDULE									
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	TYPE (HORIZONTAL/VERTICAL)	LOCATION	QUANTITY	TEST DUE	STATUS	COMMENTS
EXISTING	WIG	MSA	LATCHWAYS	VERTICAL	LADDER	1	TBC	REMAIN	DATE NOT VISIBLE

ENCLOSURE SCHEDULE								
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	DIMENSIONS (WxDxH)	LOCATION	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	VF	MALCOE	METER CABINET	1000x450x1000	GROUND LEVEL	GRAY	REMAIN	–
EXISTING	VF	–	EQUIPMENT CABIN	3700x5750x2950	GROUND LEVEL	WHITE	REMAIN	–
EXISTING	VF	–	VARI CABINET	600x483x1485	EQUIPMENT CABIN	GRAY	REMAIN	EXISTING 9No. ERS TO BE REMOVED
EXISTING	VF	–	ATP Tx RACK	770X645X2075	EQUIPMENT CABIN	WHITE	REMAIN	–
EXISTING	VF	DELTA	DPS2900B (1)	602.5x593x1827	EQUIPMENT CABIN	GRAY	REMAIN	TO BE REFRESHED
EXISTING	VF	DELTA	DPS2900B (2)	602.5x593x1827	EQUIPMENT CABIN	GRAY	REMAIN	TO BE REFRESHED
EXISTING	VF	–	HARMER & SIMMONS PSU RACK	600x600x1400	EQUIPMENT CABIN	GRAY	REMAIN	–

AC POWER SUPPLY SCHEDULE									
EXISTING/ PROPOSED	OPERATOR	LOCATION	SUPPLY TYPE (LL/DNO/LOCAL THIRD PARTY)	PHASE (SINGLE/THREE/TWO)	SOURCE OCPD RATING (A)	EARTHING SYSTEM TYPE (TN–C–S/TT)	2nd SUPPLY TO BUILDING (Y/N)	LPS (ADDITION/NEW)	COMMENTS
EXISTING	VF	METER CABINET	DNO	THREE	100A	TT	NO	–	–

DC POWER SUPPLY UNIT SCHEDULE									
EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	LOCATION	AC SUPPLY TO PSU BREAKER SIZE (AMPS)	RECTIFIER SIZE (kW)	RECTIFIER QUANTITY	UPGRADE REQUIRED (Y/N)	COMMENTS
EXISTING	VF	DELTA	DPS2900B–48–6	DELTA PSU	3x32A	2.9kW	3	N	c/w 3No. BATTERY
EXISTING	VF	DELTA	DPS2900B–48–6	DELTA PSU	3x32A	2.9kW	3	N	–

TRANSMISSION SUPPLY SCHEDULE								
EXISTING/ PROPOSED (ENCLOSURE)	OPERATOR		TRANSMISSION ENCLOSURE	TRANSMISSION SOLUTION (MICROWAVE ONLY/FIBRE ONLY/ MICROWAVE+FIBRE (WITH PROVIDER NAME))	U SPACE AVAILABLE	CURRENT TRANSMISSION EQUIPMENT LOCATION	PROPOSED TRANSMISSION EQUIPMENT LOCATION	COMMENTS
	HOST	SHARER						
EXISTING	VF	–	ATP Tx RACK	MICROWAVE+FIBRE	6U	X	–	–

COOLING SCHEDULE							
EXISTING/ PROPOSED	COOLING TYPE	COOLING MAKE/MODEL	QUANTITY	COOLING CAPACITY (kW)	SITE HEAT LOAD (kW)	COOLING CALCULATOR VERSION	COOLING SYSTEM STATUS
EXISTING	FREE AIR	4 ENERGY COOLFLOW / DAC MK3 TYPE 01	2	9.20kW	–	–	REMAIN

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E 522603

N 133070

NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?

YES

NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):

NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY

CHERRY PICKER SURVEY

COMMS SERVICE ALTERATION

GDC/STRUCTURAL CALCULATIONS

GEOTECH AND/OR TRIAL DIG

ICNIRP CONTROL MEASURES

INTRUSIVE SURVEY

MEWP/SCAFFOLD REQUIREMENTS

REC SERVICE ALTERATION

STAT SEARCHES

GPRS REQUIREMENT

TENSILE PROOF TESTS

TOWER CLIMB

COLOUR CHART

BLACK

BLUE

BROWN

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

PROPOSED INSTALLATION

REMOVED INSTALLATION

B

ICNIRP UPDATED

TS2

TS2

08.01.2026

A

PLANNING ISSUE

TS2

TS2

19.08.2025

REV

DESCRIPTION OF REVISION

BY

CH

DATE

DESIGN CONSULTANT

WIG PROJECT NUMBER

MITIE

CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL

VF

TEF

120635

000035

N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX

DRAWING TITLE:

EQUIPMENT SCHEDULE 1 OF 2

PURPOSE OF ISSUE:

PLANNING

DRAWING NUMBER:

111

SCALE:

AS SHOWN @ A3

DRAWN:

TS2

DATE:

19.08.2025

REV:

CHECKED:

TS2

DATE:

19.08.2025

APPROVED:

MITIE

DATE:

19.08.2025

B

A3

100mm
50mm
10mm

ALLOCATED RF EQUIPMENT SCHEDULE								
STATUS	OPERATOR	ALLOCATED POSITION REF	DESIGN REFERENCE	DIMENSIONS (WxDxH)	WEIGHT (kg)	LOCATION	HEIGHT (c/L)	QUANTITY
ALLOCATED	VF	VA1/2/3	AP2v2	500x250x2200	70	HEADFRAME	29.70m	3
ALLOCATED	VF	–	TBTSv2	405x220x700	49	HEADFRAME	29.70m	3
ALLOCATED	VF	–	DBLv2	405x240x520	32	HEADFRAME	29.70m	3
ALLOCATED	VF	–	DBLv2	405x240x520	32	HEADFRAME	29.70m	3
ALLOCATED	VF	–	DBLv2	405x240x520	32	HEADFRAME	29.70m	3
ALLOCATED	VF	–	GPS	ø95x72.5	–	ANTENNA LEVEL	30.95m	1

DISH SCHEDULE							
STATUS	OPERATOR	DISH REFERENCE	DISH DIAMETER (mm)	DISH BEARING (°)	HEIGHT TO CENTRE (A.G.L.)	LINK No.	COMMENTS
EXISTING	VF	ED1	ø300	310	29.3m	VFE065862	–
EXISTING	VF	ED2	ø300	330	30.1m	VFE13560	–
EXISTING	VF	ED3	ø300	90	29.5m	–	–
ALLOCATED	VF	VD1	ø600	TBC	29.5m	TBC	c/w 2No. ODUs AT REAR OF DISH

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R

E 522603

N 133070

NOMINATION REFERENCE: N/A

CONCESSION/FIXIT REQUIRED?

YES

NO

REASON FOR CONCESSION/FIXIT:

N/A

ICNIRP DETAILS

IN ACCORDANCE WITH OPERATOR SPECIFIC ICNIRP GUIDELINES

SITE DESIGN CATEGORY

PUBLIC ACCESS

ICNIRP CONTROL MEASURE (IF REQUIRED):
NO CONTROL MEASURE REQUIRED

DEPENDENCIES FOR DETAILED DESIGN/BUILD

ASBESTOS SURVEY

YES

NO

CHERRY PICKER SURVEY

YES

NO

COMMS SERVICE ALTERATION

YES

NO

GDC/STRUCTURAL CALCULATIONS

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

COLOUR CHART

BLACK

—

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

BLUE

—

PROPOSED INSTALLATION

BROWN

—

REMOVED INSTALLATION

B

ICNIRP UPDATED

TS2

TS2

08.01.2026

A

PLANNING ISSUE

TS2

TS2

19.08.2025

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DESCRIPTION OF REVISION

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CH

DATE

DESIGN CONSULTANT

WIG PROJECT NUMBER

MITIE

CTIL-C-SWS0013-5

Wireless Infrastructure Group

CTIL

VF

TEF

120635

000035

N/A

SITE NAME AND ADDRESS

COLGATE WATER TOWER
TOWER ROAD
COLGATE
CRAWLEY
RH12 4SX

DRAWING TITLE:

EQUIPMENT SCHEDULE 2 OF 2

PURPOSE OF ISSUE:

PLANNING

DRAWING NUMBER:

112

SCALE:

AS SHOWN @ A3

DRAWN:

TS2

DATE:

19.08.2025

REV:

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TS2

DATE:

19.08.2025

APPROVED:

MITIE

DATE:

19.08.2025

B