

**SITE LOCATION**  
(Scale 1:50000)  
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**DETAILED SITE LOCATION**  
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**CHORLEY COUNCIL**  
**DEVELOPMENT CONTROL**  
REC'D -9 MAY 2022  
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The drawings comply with Vodafone Standard ICNIRP guidelines.  
Designed in accordance with CORNERSTONE document: SDN0009 v3.0

CH0039

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 359583 N: 419030

**DIRECTIONS TO SITE:**  
FROM THE M61 WESTBOUND EXIT AT JUNCTION 8, TURN LEFT AT THE FIRST ROUNDABOUT AND LEFT AGAIN AT THE NEXT ROUNDABOUT, GO STRAIGHT ACROSS THE NEXT TWO ROUNDABOUTS, THEN TURN LEFT ON THE FOLLOWING TWO ROUNDABOUTS, CROSS OVER THE M61 AND CONTINUE STRAIGHT ACROSS THE NEXT ROUNDABOUT. TURN RIGHT ONTO KNOWLEY BROW AND FOLLOW ROAD ROUND ONTO HEAPEY RD. TAKE FIRST LEFT AFTER BEND AND FOLLOW ROAD ROUND TO THE FARM. SITE IS IN THE FIELD TO THE LEFT.

**SURROUNDING AREA IS:**  
RURAL

**DISTANCE TO PUBLIC HIGHWAY APPROX:**  
90m

REV	MODIFICATION	BY	CH	DATE
J	NGR Amended		AK	17.01.22
-	Issued for Approval		AK	15.10.21

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401 Faraday Street,  
Birchwood Park, Birchwood,  
Warrington, WA3 6GA  
Tel: 01925 424100 Fax: 01925 424101  
e-mail: info@whptelecoms.com

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Hatfield  
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Site Address / Contact Details

LITTLE KNOWLEY FARM  
HEAPEY LANE  
CHORLEY  
LANCASHIRE  
PR6 9BQ

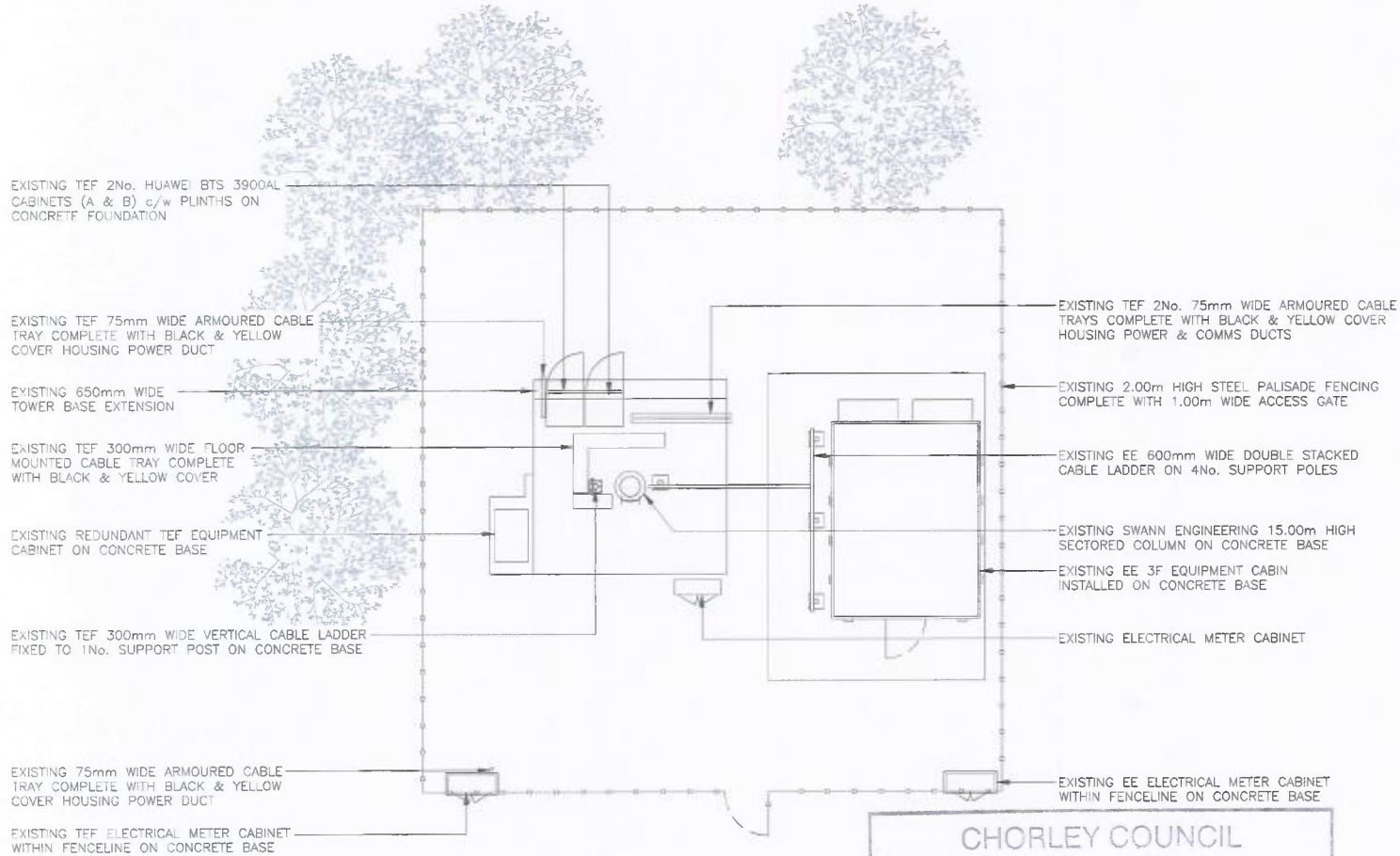
Drawing Title: SITE LOCATION MAPS

Purpose of issue: **PLANNING & LEGAL** | Dwg Rev.

Drawing Number: 100 | A

Surveyed By: PH | Original Sheet Size: A3 | Pack Issue

Drawn:	Date:	Checked:	Date:
CDN	15.10.21	AK	15.10.21



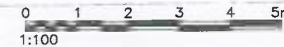
↑ SOUTH ELEVATION

EXISTING SITE PLAN  
(1:100)

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A	NGR Amended Issued for Approval	PTB	AK	17.01.22
		CDN	AK	15.10.21

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401 Faraday Street,  
Birchwood Park, Birchwood,  
Warrington, WA3 6GA  
Tel: 01925 424100 Fax: 01925 424101  
e-mail: info@whptelecoms.com

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LITTLE KNOWLEY FARM HEAPY LANE CHORLEY LANCASHIRE PR6 9BQ		
Drawing Title		
EXISTING SITE PLAN		
Purpose of issue:		Dwg Rev:
PLANNING & LEGAL		
Drawing Number		
200		A
Surveyed By:	Original Sheet Size	Pack Issue:
PH	A3	
Drawn:	Date:	Checked:
CDN	15.10.21	AK
		Date:
		15.10.21



EXISTING TEF 2No. HUAWEI BTS 3900AL CABINETS (A & B) TO BE REMOVED AND REPLACED WITH PROPOSED VF/TEF 1No. OUTDOOR EVESHAM CSC CABINET & 1No. OUTDOOR EVESHAM HYBRID ERS CABINET c/w NEW PLINTHS ON CONCRETE FOUNDATION

EXISTING TEF 75mm WIDE ARMoured CABLE TRAY COMPLETE WITH BLACK & YELLOW COVER HOUSING POWER DUCT

EXISTING 650mm WIDE TOWER BASE EXTENSION

EXISTING TEF 300mm WIDE FLOOR MOUNTED CABLE TRAY COMPLETE WITH BLACK & YELLOW COVER TO BE UTILISED FOR NEW VF/TEF DC/FIBRE CABLING

EXISTING REDUNDANT TEF EQUIPMENT CABINET ON CONCRETE BASE

EXISTING TEF 300mm WIDE VERTICAL CABLE LADDER FIXED TO 1No. SUPPORT POST ON CONCRETE BASE TO BE UTILISED FOR PROPOSED VF/TEF DC/FIBRE CABLING

EXISTING 75mm WIDE ARMoured CABLE TRAY COMPLETE WITH BLACK & YELLOW COVER HOUSING POWER DUCT

EXISTING TEF ELECTRICAL METER CABINET WITHIN FENCELINE ON CONCRETE BASE

NOTE: SWANN ENGINEERING TO CONFIRM BUILDABILITY OF PROPOSED 8m EXTENSION

EXISTING TEF 2No. 75mm WIDE ARMoured CABLE TRAYS COMPLETE WITH BLACK & YELLOW COVER HOUSING POWER & COMMS DUCTS

EXISTING 2.00m HIGH STEEL PALISADE FENCING COMPLETE WITH 1.00m WIDE ACCESS GATE

EXISTING EE 600mm WIDE DOUBLE STACKED CABLE LADDER ON 4No. SUPPORT POLES

EXISTING SWANN ENGINEERING 15.00m HIGH SECTORED COLUMN ON CONCRETE BASE WITH PROPOSED 8m MONOPOLE HEIGHT INCREASE

EXISTING EE 3F EQUIPMENT CABIN INSTALLED ON CONCRETE BASE

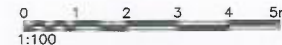
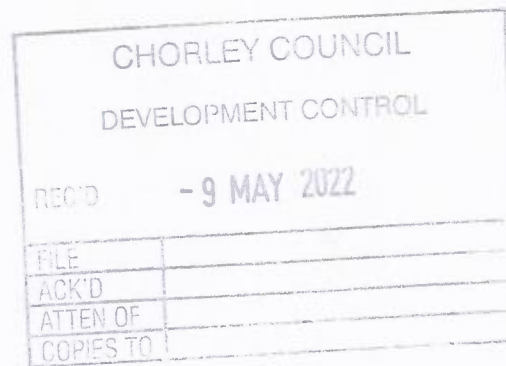
EXISTING ELECTRICAL METER CABINET

EXISTING EE ELECTRICAL METER CABINET WITHIN FENCELINE ON CONCRETE BASE

PROPOSED MEWP LOCATION

SOUTH ELEVATION

PROPOSED SITE PLAN (1:100)



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 Birchwood Park, Birchwood,  
 Warrington, WA3 6GA  
 Tel: 01925 424100 Fax: 01925 424101  
 e-mail: info@whptelecoms.com

**EE** **3** Hatfield Business Park  
 Hatfield  
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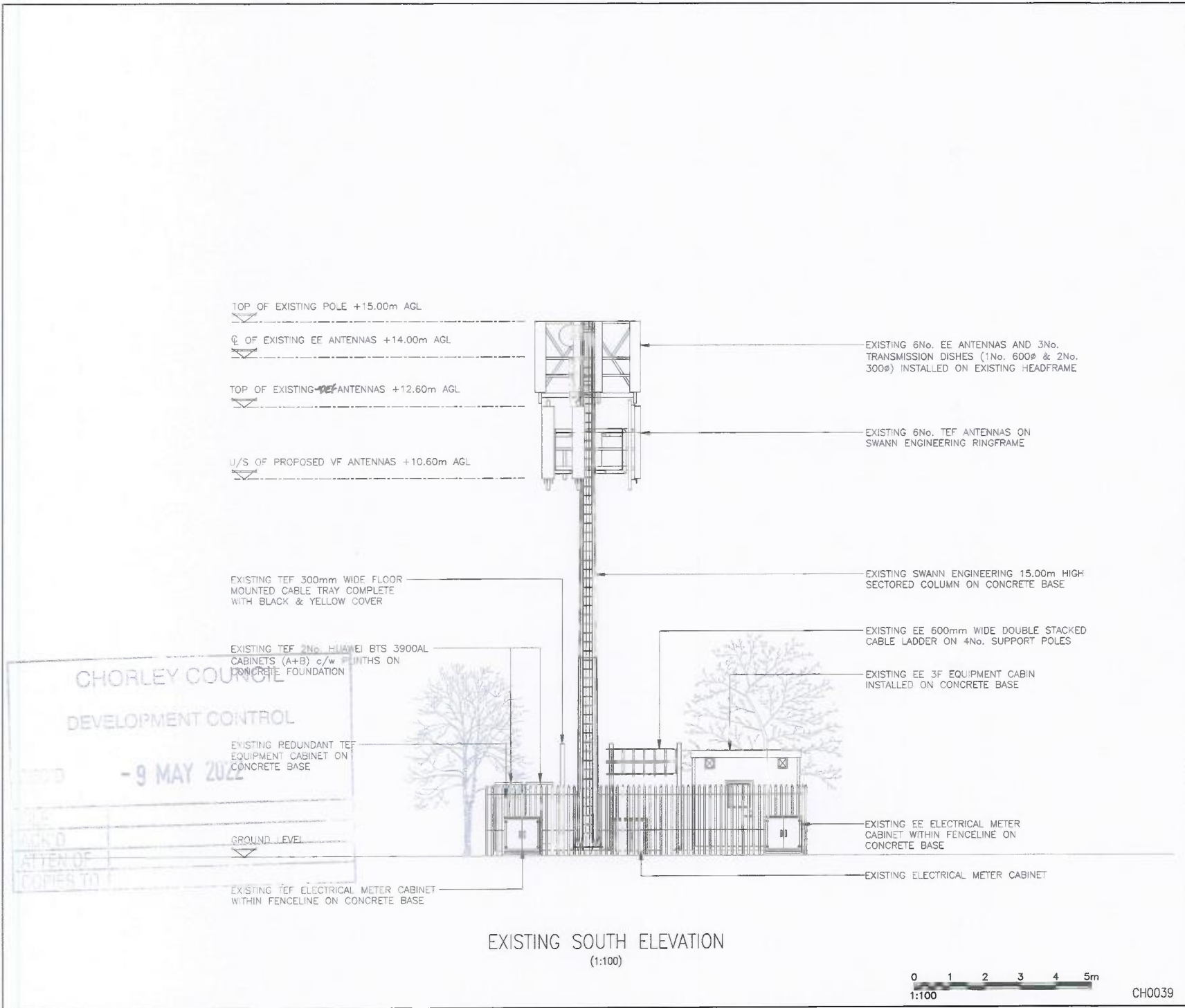
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Site Address / Contact Details  
 LITTLE KNOWLEY FARM  
 HEAPY LANE  
 CHORLEY  
 LANCASHIRE  
 PR6 9BQ

Drawing Title PROPOSED SITE PLAN			
Purpose of issue PLANNING & LEGAL			Dwg Rev
Drawing Number 201			A
Surveyed By PH	Original Sheet Size A3		Pack Issue
Drawn: CDN	Date: 15.10.21	Checked: AK	Date: 15.10.21

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NOTES:

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401 Faraday Street,  
Birchwood Park, Birchwood,  
Warrington, WA3 6GA  
Tel: 01925 424100 Fax: 01925 424101  
e-mail: info@whptelecoms.com

**EE 3**  
Hatfield Business Park  
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LITTLE KNOWLEY FARM HEAPY LANE CHORLEY LANCASHIRE PR6 9BQ		
Drawing Title: EXISTING SITE ELEVATION		
Purpose of issue: PLANNING & LEGAL		Dwg Rev.
Drawing Number: 300		A
Surveyed By: PH	Original Sheet Size: A3	Pack Issue:
Drawn: CDN	Date: 15.10.21	Checked: AK
	Date: 15.10.21	Date: 15.10.21

0 1 2 3 4 5m  
1:100

CH0039

NEW TOP OF EXISTING POLE +23.00m AGL

NEW C/L OF EXISTING EE ANTENNAS +22.00m AGL

TOP OF PROPOSED VF/TEF ANTENNAS +20.0m AGL

U/S OF PROPOSED VF/TEF ANTENNAS +19.43m AGL

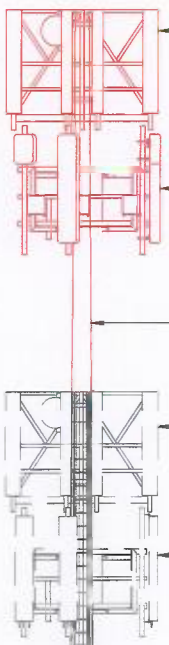
U/S OF PROPOSED VF/TEF ANTENNAS +17.90m AGL

TOP OF EXISTING POLE +15.00m AGL

Q OF EXISTING EE ANTENNAS +14.00m AGL

TOP OF EXISTING TEF ANTENNAS +12.60m AGL

U/S OF EXISTING TEF ANTENNAS +10.60m AGL



NEW LOCATION OF EXISTING EE ANTENNAS & DISHES ON EXISTING HEADFRAME FOLLOWING PROPOSED 8m MONOPOLE HEIGHT INCREASE

NEW LOCATION OF PROPOSED VF/TEF 6No. ANTENNAS FIXED TO EXISTING SWANN ENGINEERING RINGFRAME c/w PROPOSED 12No. RRU's FIXED BEHIND ANTENNAS FOLLOWING PROPOSED 8m MONOPOLE HEIGHT INCREASE

PROPOSED 8m MONOPOLE HEIGHT INCREASE ON EXISTING SWANN ENGINEERING 15.00m HIGH SECTORED COLUMN ON CONCRETE BASE

EXISTING 6No. EE ANTENNAS AND 3No. TRANSMISSION DISHES (1No. 600ø & 2No. 300ø) INSTALLED ON EXISTING HEADFRAME TO BE RAISED PRIOR TO PROPOSED 8m HEIGHT INCREASE

EXISTING 6No. TEF ANTENNAS TO BE REMOVED AND REPLACED WITH PROPOSED 6No. VF/TEF ANTENNAS ON EXISTING SWANN ENGINEERING RINGFRAME c/w PROPOSED 12No. VF/TEF RRU's FIXED BEHIND ANTENNAS. PROPOSED ANTENNAS TOP HEIGHT TO BE RAISED AT 20m AGL PRIOR TO PROPOSED 8m MONOPOLE HEIGHT INCREASE

EXISTING SWANN ENGINEERING 15.00m HIGH SECTORED COLUMN ON CONCRETE BASE

EXISTING EE 600mm WIDE DOUBLE STACKED CABLE LADDER ON 4No. SUPPORT POLES

EXISTING EE 3F EQUIPMENT CABIN INSTALLED ON CONCRETE BASE

EXISTING EE ELECTRICAL METER CABINET WITHIN FENCELINE ON CONCRETE BASE

EXISTING ELECTRICAL METER CABINET

EXISTING TEF 300mm WIDE FLOOR MOUNTED CABLE TRAY COMPLETE WITH BLACK & YELLOW COVER TO BE UTILISED FOR NEW DC/FIBRE CABLING

EXISTING TEF 2No. HUAWEI BTS 3900AL CABINETS (A+B) TO BE REMOVED AND REPLACED WITH PROPOSED VF/TEF 1No. OUTDOOR EVESHAM CSC CABINET & 1No. OUTDOOR EVESHAM HYBRID ERS CABINET c/w NEW PLINTHS ON CONCRETE FOUNDATION

NOTE: SWANN ENGINEERING TO CONFIRM BUILDABILITY OF PROPOSED 8m EXTENSION

NOTE: PROPOSED WORKS SUBJECT TO CLIMB SURVEY TO DETERMINE SUITABILITY OF EXISTING AND PROPOSED STEELWORK

EXISTING TEF EQUIPMENT CABINET ON CONCRETE BASE

EXISTING TEF ELECTRICAL METER CABINET WITHIN FENCELINE ON CONCRETE BASE

GROUND LEVEL

PROPOSED SOUTH ELEVATION (1:100)



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NOTES:

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Birchwood Park, Birchwood,  
Warrington, WA3 6GA  
Tel: 01925 424100 Fax: 01925 424101  
e-mail: info@whptelecoms.com

**EE 3**  
Hatfield Business Park  
Hatfield  
Hertfordshire  
AL10 9BW  
Tel: 01707 315000  
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Drawing Title  
PROPOSED 'SITE' ELEVATION

Purpose of issue:  
PLANNING & LEGAL

Drawing Number  
301

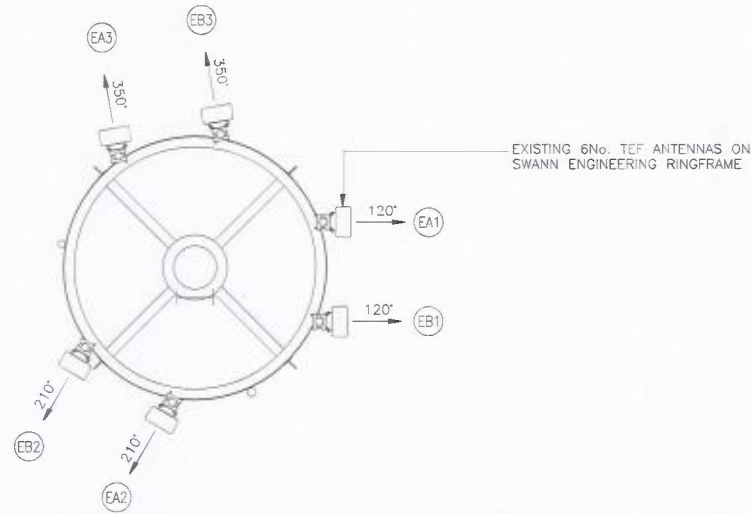
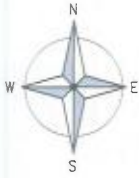
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PH | Original Sheet Size  
A3 | Pack Issue  
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CDN	15.10.21	AK	15.10.21

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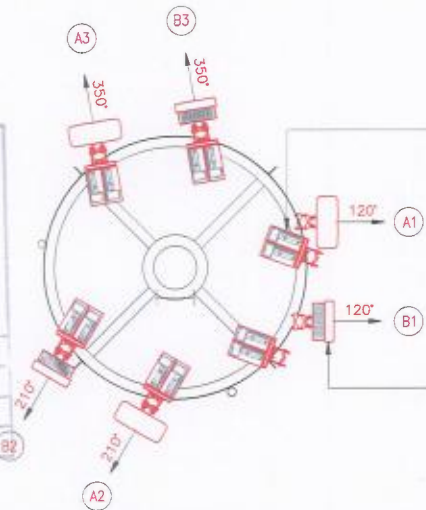
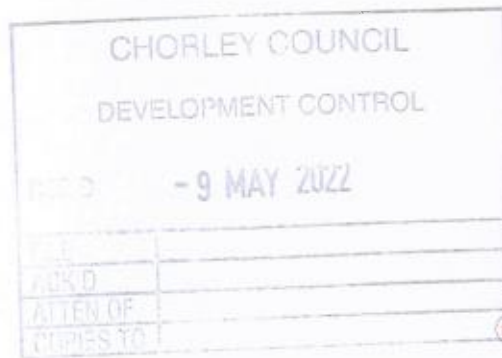
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EXISTING 6No. TEF ANTENNAS ON SWANN ENGINEERING RINGFRAME

EXISTING TEF ANTENNA PLAN @ 12.60m AGL  
(1:50)



PROPOSED  
3No. VF L08 ERS 2212  
3No. VF GUL09 ERS 2212  
3No. TEF GUL09 2212  
3No. VF UL21/L26 ERS 4480  
ON 2No. RAILS FIXED TO PROPOSED HEADFRAME SUPPORT POLES

EXISTING TEF 6No. ANTENNAS TO BE REMOVED & REPLACED WITH PROPOSED VF/TEF 3No. 12-PORT ANTENNAS FIXED TO EXISTING HEADFRAME SUPPORT POLE & VF/TEF 3No. MASSIVE MIMO AIR 3227 ANTENNAS FIXED TO EXISTING HEADFRAME SUPPORT POLE VIA PROPOSED OFFSET BRACKETS

PROPOSED VF/TEF ANTENNA PLAN @ 20m AGL  
(1:50)



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NOTES:  
ANTENNA PLAN HEIGHTS ARE THE APPROXIMATE HEIGHTS TO THE CENTRELINE OF THE ANTENNAS

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Birchwood Park, Birchwood,  
Warrington, WA3 6GA  
Tel: 01925 424100 Fax: 01925 424101  
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Drawing Title  
ANTENNA LAYOUT

Purpose of issue  
PLANNING & LEGAL

Drawing Number  
400

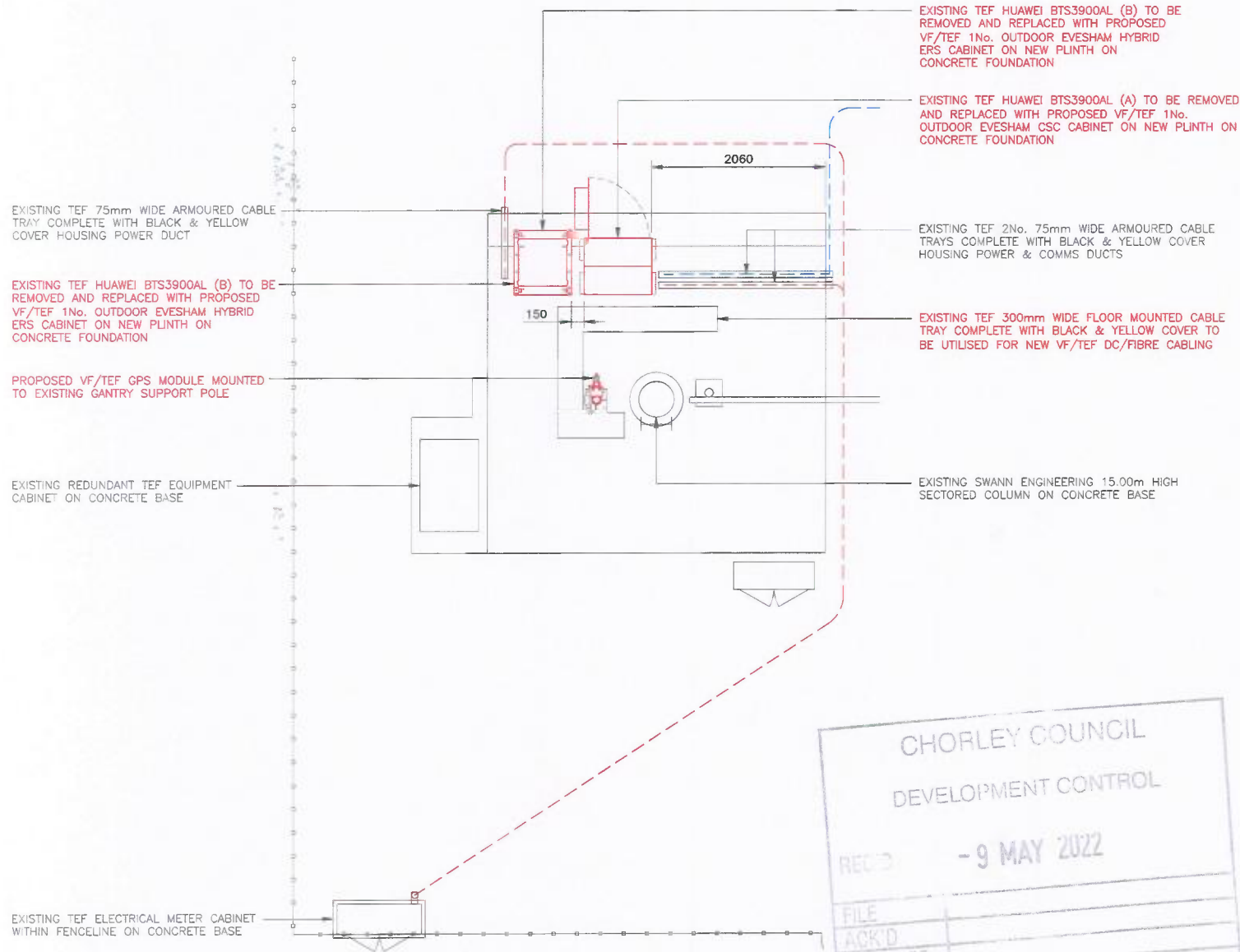
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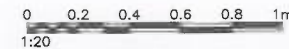
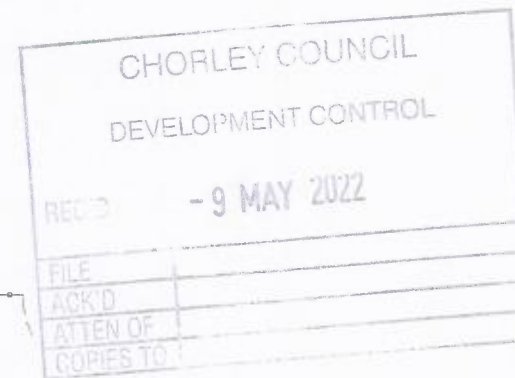
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PROPOSED EQUIPMENT LAYOUT  
(1:50)



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DUCT KEY

	EXISTING 100mm POWER
	EXISTING 100mm COMMS
	EXISTING 150mm FEEDER
	EXISTING 100mm INCOMING*
	PROPOSED 100mm POWER
	PROPOSED 100mm COMMS
	PROPOSED 150mm FEEDER
	PROPOSED 100mm POKE-OUT*

\*INCOMING AND POKE-OUT DUCTS TO BE COLOURED BY DUCT TYPE (POWER/COMMS/FEEDER)

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Tel: 01925 424100 Fax: 01925 424101  
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Drawing Title	EQUIPMENT LAYOUT		
Purpose of issue:	PLANNING & LEGAL		Dwg Rev
Drawing Number	401		A
Surveyed By	PH	Original Sheet Size	A3
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Issue			A