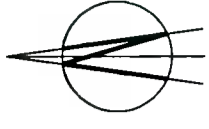


# 15m Alpha 3.0 STREETPOLE

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## NOT FOR CONSTRUCTION

Description: Historic 6" Latest Edition  
 Publisher / Source: Ordnance Survey Ireland (OS)  
 Data Source / Reference: DMO21  
 Revision Date = 31-Dec-1939  
 Levelled Date = 31-Dec-1941  
 DMO22  
 Revision Date = 31-Dec-1937  
 Survey Date = 31-Dec-1940  
 Levelled Date = 31-Dec-1940  
 File Format: Tagged Image File Format (TIFF)  
 File Name: R\_50211002\_1.tif



Clip Extent / Area of Interest (AOI):  
 UTM\_X = 708067.6031, 725128.4708  
 UTM\_Y = 712989.6031, 725128.4708  
 UTM\_Z = 708067.6031, 728762.4708  
 UTM\_W = 712989.6031, 728762.4708

Projection / Spatial Reference:  
 RTN95\_Irish\_Transverse\_Mercator  
 Centre Point Coordinates:  
 X<sub>T</sub> = 710528.6031, 728945.4708  
 Y<sub>T</sub> = 710528.6031, 728945.4708  
 Origin Date: 01-Aug-2021  
 Product Version: 1.3

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No.	INTM_ISSUE	Revision	Date	By	Ckd
A	100022	GOC	JR		

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10 Barrowside Business Park, Slattery Road,  
 Gralleucullen, Carlow, R63 E3W7,  
 Rep. of Ireland.



Signal Infrastructure Ltd.  
 Suite 311, O House, 76 Furze Road,  
 Sandymount Industrial Estate, Dublin 18,  
 D18 YV50, IRELAND.

## Jason Redmond & Associates Consulting Engineers

Civil Structural  
 Project Management  
 5 Lismard Court, Portlaoise,  
 Co. Laois,  
 PH: 05786 81155  
 Email: info@jrac.ie

## PLANNING

Signal site ID: CIG-03654

Operator site ID: DU1666

Site Name: BALLYCULLEN

Site Address:  
 VERGE OPPOSITE FIRHOUSE SC,  
 FIRHOUSE ROAD, TALLAGHT  
 DUBLIN 24

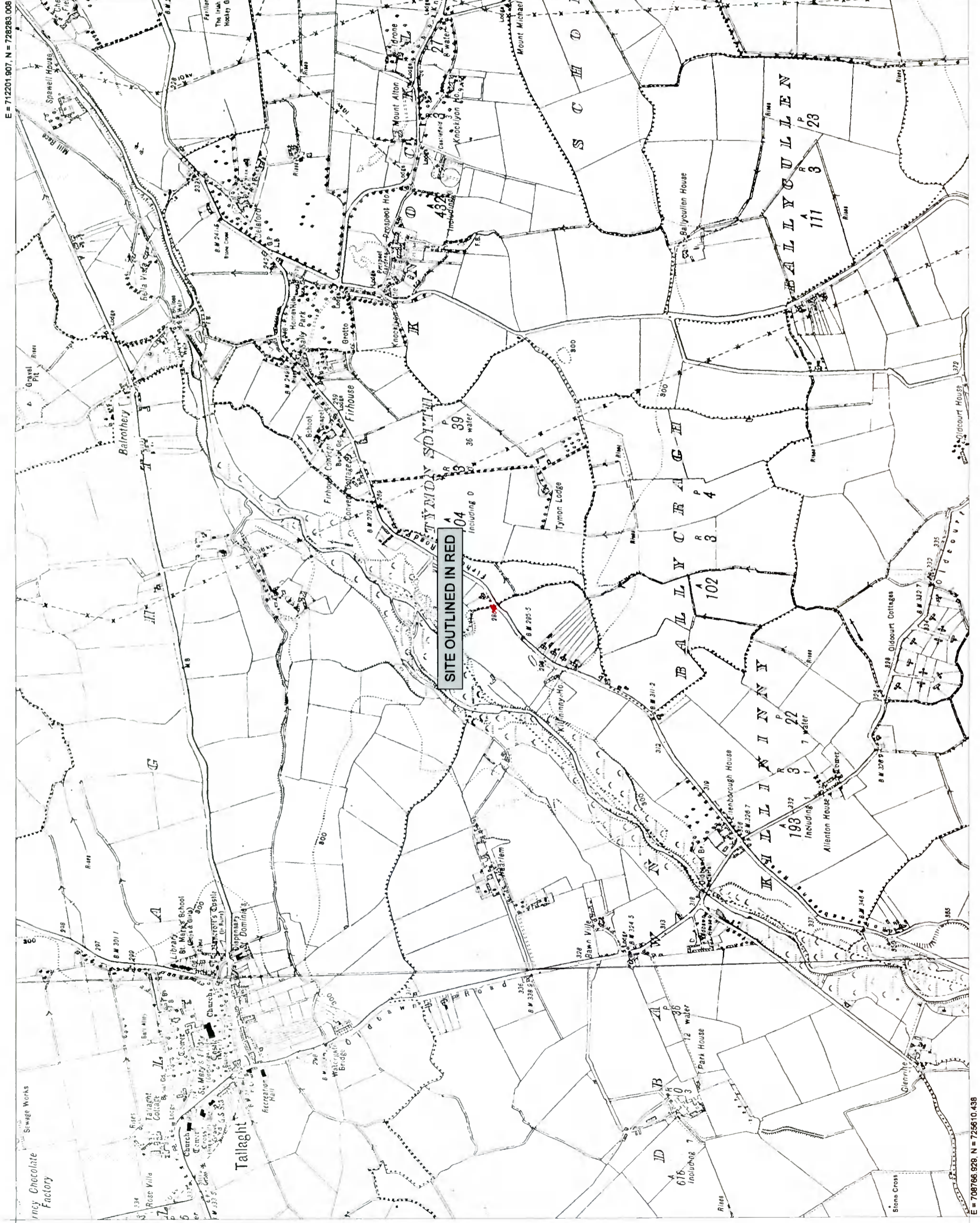
Title:  
 CELLNEX SMART STREETPOLE  
 SITE LOCATION MAP

Designed By: Date: 10.03.2022

Drawn By: GOC Scale: 1:10,000 Rev: A

Dwg No.: DU1666\_100

DWG LOCATION: OS: 50211002\_1.tif



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 Ordnance Survey Ireland/Government of Ireland  
 Copyright: \*\*\*\*\*

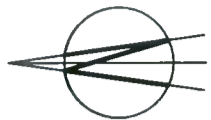
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E = 708766.928, N = 725610.438

# 15m Alpha 3.0 STREETPOLE

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No.	Revision	Date	By	Clid
A	INITIAL ISSUE	10/03/22	OC	JR

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Rep. of Ireland



Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandyford Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

### Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Linnard Court, Portlaoise,  
Co. Laois  
Ph: 05786 81155  
Email: info@jra.ie

## PLANNING

Signal site ID **CIG-03654**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
SITE LOCATION MAP AERIAL PHOTO**

Designed by **OC** Date **03.03.2022**

Drawn by **OC** Scale **1:2500** Rev. **A**

Dwg No. **DU1666\_101**

DWG LOCATION: \\SRV-01\Users\jra\Projects\1666\1666\_Plan\1666\_Plan.dwg



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Description: Digital Cartographic Model (DCM)

Publisher / Source: Ordnance Survey Ireland (OS)

Data Source / Reference: PRIME2

File Format: Autodesk AutoCAD (DWG\_R2013)

File Name: v\_50211002\_1.dwg

Clip Extent / Area of Interest (AOI)  
 LLA\_LLX = 710337.031, 726730.4708  
 LLA\_LLY = 710820.031, 726730.4708  
 ULL\_LLX = 710337.031, 727160.4708  
 ULL\_LLY = 710820.031, 727160.4708

Projection / Spatial Reference: Projection: #NAD83\_PSR\_1983IrishNAD\_Mercator

Centre Point Coordinates: X,Y = 710528.6031, 726945.4708

Reference Index: Map Series / Map Sheets 1:1,000 / 3390-19

1:1,000 / 3390-18

Data Extraction Date: 03/03/2011

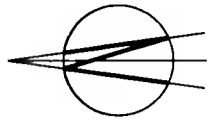
Source Data Version: 2010

DCM Release V1.142.112

Product Version: 1.3

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No.	Revision	Date	By	Chk
A	INTM_ISSUE	10/02/22	GOC	JR

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 Rep. of Ireland.



Signal Infrastructure Ltd.  
 Suite 311, Q House, 76 Furze Road,  
 Sandymount Industrial Estate, Dublin 18,  
 D18 YV50, IRELAND

Jason Redmond & Associates Consulting Engineers

Chief Structural  
 Project Management  
 5 Lisnare Court, Portlaoise,  
 Co. Laois.  
 PH: 03786 81155  
 Email: info@rasoc.ie

**PLANNING**

Signal site ID: CIG-03654

Operator site ID: DU1666

Site Name: BALLYCULLEN

Site Address: VERGE OPPOSITE FIRHOUSE SC,  
 FIRHOUSE ROAD, TALLAGHT  
 DUBLIN 24

Title: CELLNEX SMART STREETPOLE  
 SITE LOCATION PLAN

Designed: JR Date: 10.03.2022

Drawn: GOC Scale: 1:100 Rev: A

Dwg No: DU1666\_102

DWG LOCATION: (SEE THE DWG ATTACHED TO THE PROJECT FOR THE DWG FILE)

E = 710644.309, N = 727068.167



E = 710324.539, N = 726819.875

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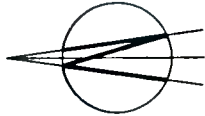
# 15m Alpha 3.0 STREETPOLE

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## LEGEND

- EXISTING ROADS
- SITE OUTLINED THUS
- EXISTING BUILDING
- EXISTING GRASS VERGE
- EXISTING FOOTPATHS
- EXISTING HARDSTANDING



No.	Revision	Date	By	Chkd
A	INITIAL ISSUE	10/03/2022	GC	JR

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Rep. of Ireland.



Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandycroft Industrial Estate, Dublin 18,  
D18 YW50, IRELAND.

Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Linnard Court, Portlaoise,  
Co. Louth  
PH: 057 268 81155  
Email: info@jra.ie

**PLANNING**

Signal site ID: CIG-03654

Operator site ID: DU1666

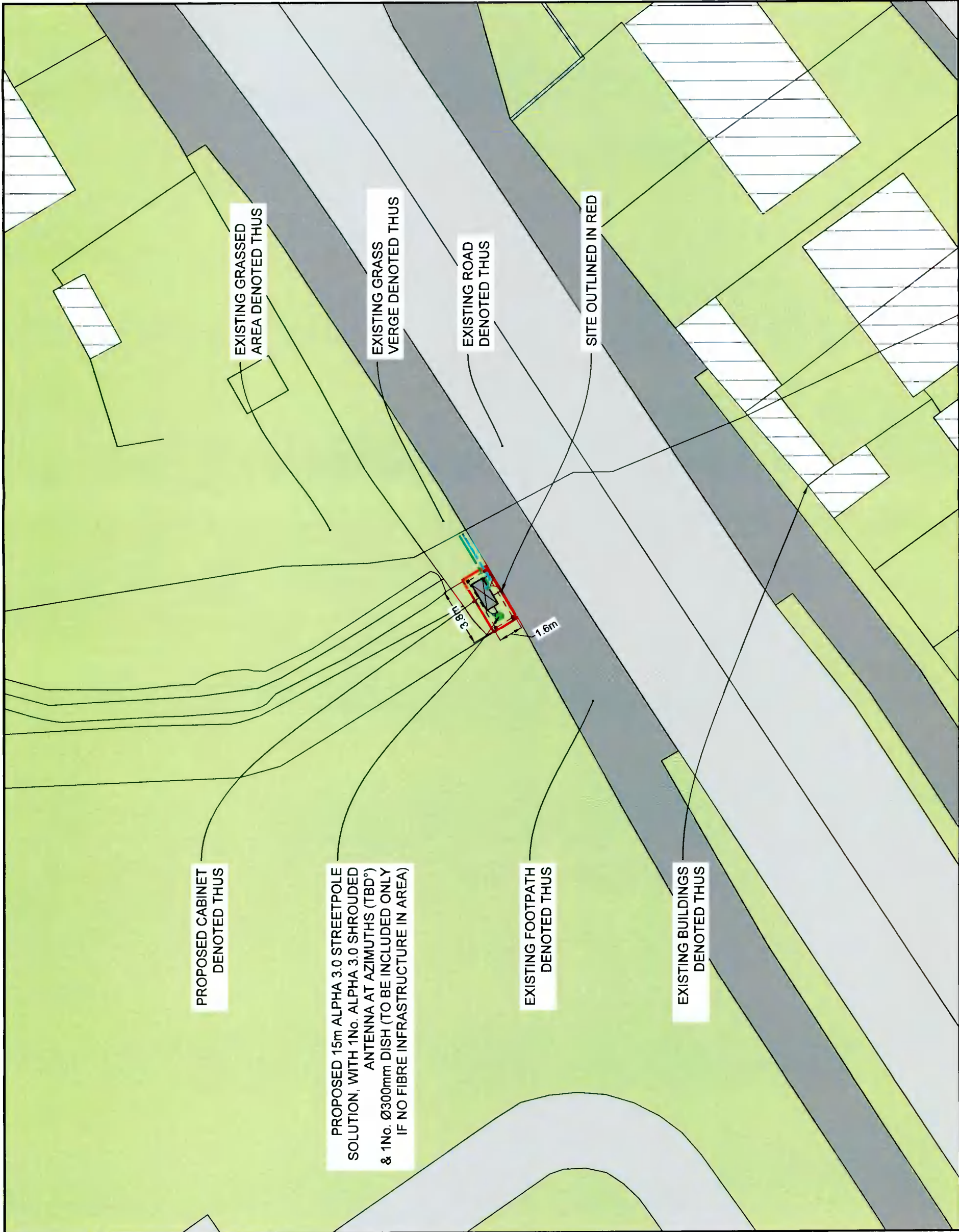
Site Name: BALLYCULLEN

Site Address:  
VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24

Title:  
CELLNEX SMART STREETPOLE  
SITE LAYOUT PLAN

Designed: JR Date: 10/03/2022  
Drawn: GC Scale: 1:250  
Dwg No.: DU1666\_103 Rev.: A

DWG LOCATION: C:\Users\jra\OneDrive\Documents\Projects\1666\103\103\_103.dwg



PROPOSED CABINET  
DENOTED THUS

PROPOSED 15m ALPHA 3.0 STREETPOLE  
SOLUTION, WITH 1No. ALPHA 3.0 SHROUDED  
ANTENNA AT AZIMUTHS (TBD°)  
& 1No. Ø330mm DISH (TO BE INCLUDED ONLY  
IF NO FIBRE INFRASTRUCTURE IN AREA)

EXISTING FOOTPATH  
DENOTED THUS

EXISTING BUILDINGS  
DENOTED THUS

EXISTING GRASSED  
AREA DENOTED THUS

EXISTING GRASS  
VERGE DENOTED THUS

EXISTING ROAD  
DENOTED THUS

SITE OUTLINED IN RED

## SITE LAYOUT

SCALE 1:250

# 15m Alpha 3.0 STREETPOLE

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A	MTM ISSUE	Revision	Date	By	Chd
			10/03/22	00C	JR

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Grangeucullen, Carlow, R93 E3W7,  
Rep. of Ireland.

**cellnex**  
driving telecom connectivity

Signal Infrastructure Ltd.  
Suite 311, O House, 76 Furze Road,  
Sandycroft Industrial Estate, Dublin 18,  
D18 YV50, IRELAND

Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Liaming Court, Pentlands,  
Co. Laois,  
PH: 05786 01155  
Email: info@jrasc.ie

**PLANNING**

Signal site ID **CIG-03654**

Operator site ID **DU1666**

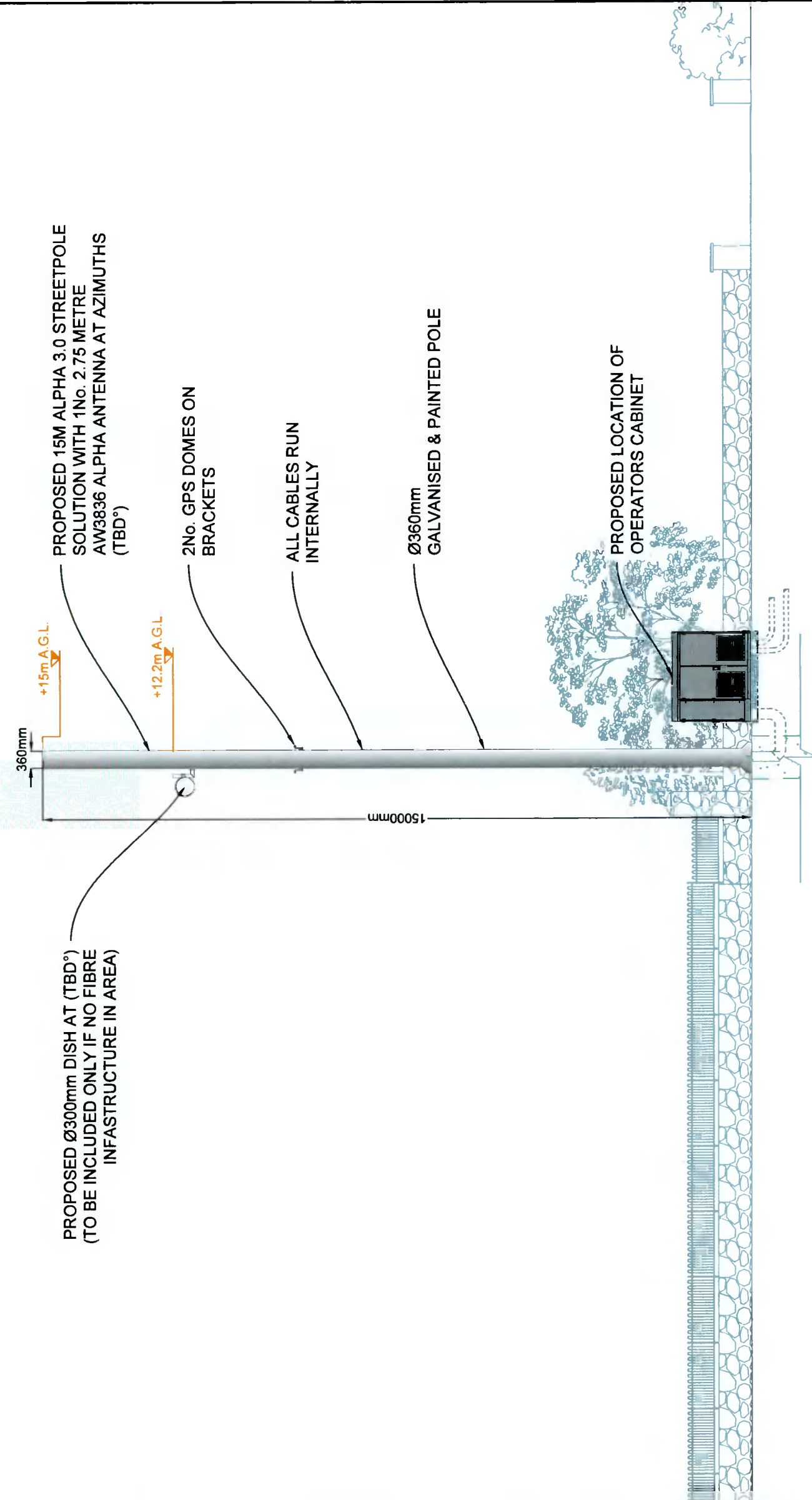
Site Name  
**BALLYCULLEN**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
ELEVATION**

Designed JR Date 10/03/2022  
Drawn 00C Scale 1:100 Rev. A  
Dwg No. **DU1666\_103A**

DWG LOCATION: C:\Users\jredmond\OneDrive\Documents\Projects\DU1666\103A.dwg



PROPOSED 15M ALPHA 3.0 STREETPOLE SOLUTION WITH 1No. 2.75 METRE AW3836 ALPHA ANTENNA AT AZIMUTHS (TBD°)

2No. GPS DOMES ON BRACKETS

ALL CABLES RUN INTERNALLY

Ø360mm GALVANISED & PAINTED POLE

PROPOSED LOCATION OF OPERATORS CABINET

PROPOSED Ø300mm DISH AT (TBD°) (TO BE INCLUDED ONLY IF NO FIBRE INFRASTRUCTURE IN AREA)

**ELEVATION**  
SCALE 1:100

# 15m Alpha 3.0 STREETPOLE

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Approved:  
Digital Cartographic Issue (DCI)

No.	Revision	Date	By	Clkd
A	INITIAL ISSUE	10/03/22	DOC	JR

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Rep. of Ireland.



Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandycroft Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

### Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Linnard Court, Portlaoise,  
Co. Wick, R92 Q115  
PH: 057 86 81155  
Email: info@rasca.ie

## PLANNING

Signal site ID CIG-03654

Operator site ID DU1666

Site Name  
BALLYCULLEN

Site Address  
VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24

Title  
CELLNEX SMART STREETPOLE  
SCHEMATIC ELEVATION

Designed JR Date 10.03.2022

Drawn DOC Scale 1:75 Rev. A

Dwg No. DU1666\_104

DWG LOCATION: \SERVER\PROJECTS\1666\1666\_104.dwg



# 15m Alpha 3.0 STREETPOLE

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No.	Rev.	Date	By	Clk
A	INITIAL ISSUE	10/03/22	000	JR

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Rep. of Ireland.

**celnex**  
driving telecom connectivity

Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandyford Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

Jason Redmond & Associates Consulting Engineers

CHM CONSULTING  
Project Management  
5 Linnard Court, Portlaoise,  
Co. Laois,  
PH: 05786 81155  
Email: info@chm.ie

**PLANNING**

Signal site ID **CIG-03654**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

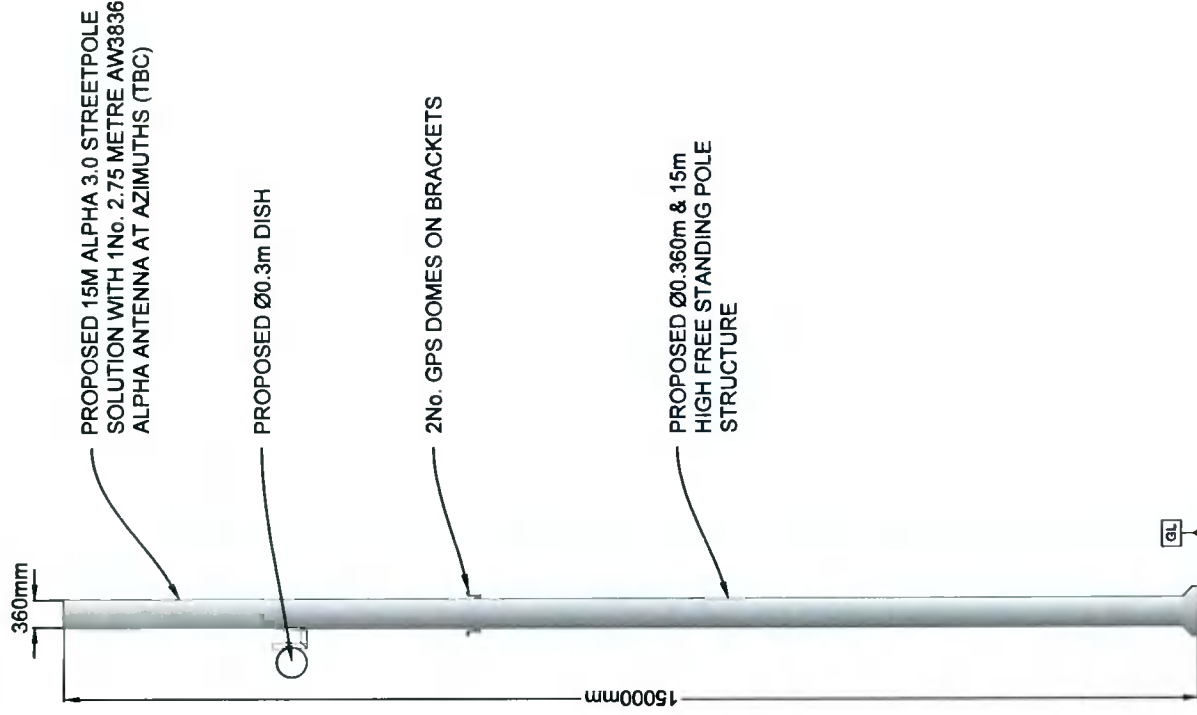
Title  
**CELLNEX SMART STREETPOLE  
STANDARD ELEVATION AND DETAILS**

Designed By **000** Date **10.03.2022**

Drawn By **000** Scale **A5** Rev. **A**

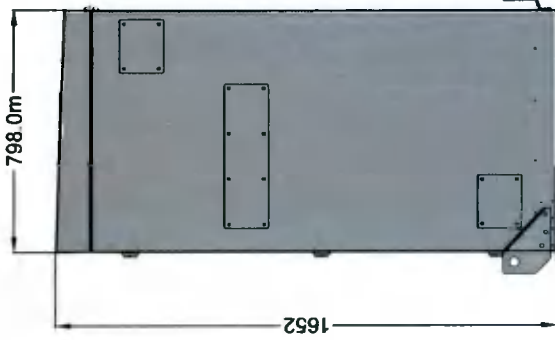
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DWG LOCATION: C:\Users\jredmond\OneDrive\Documents\Projects\105\105.dwg

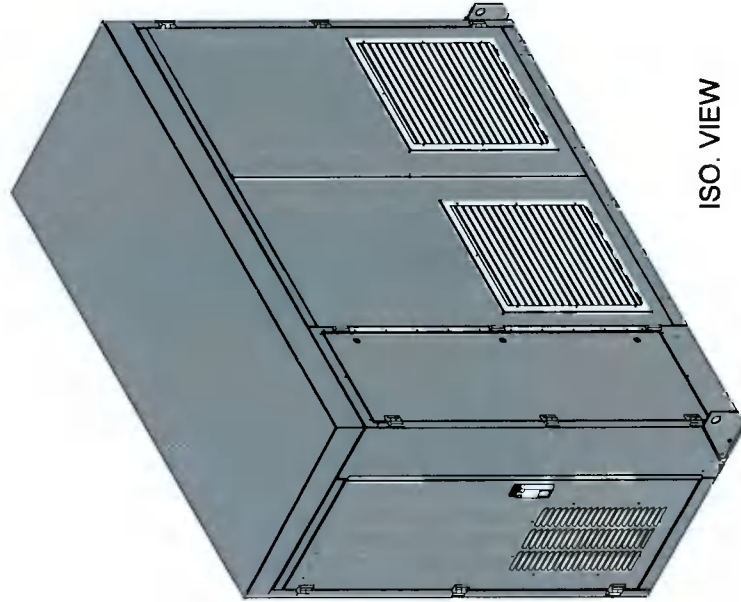


**TYPICAL POLE**

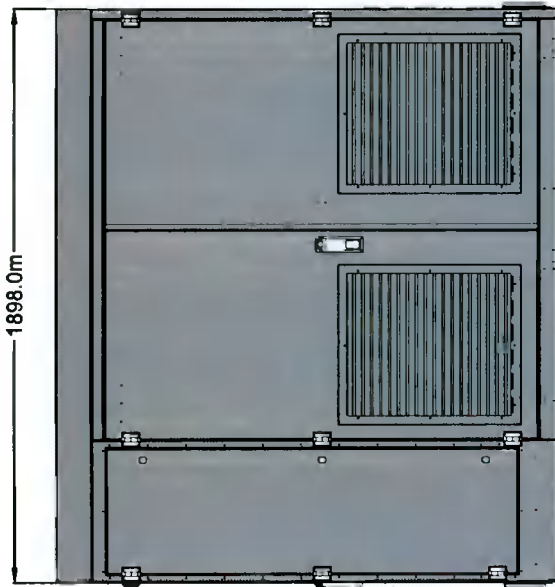
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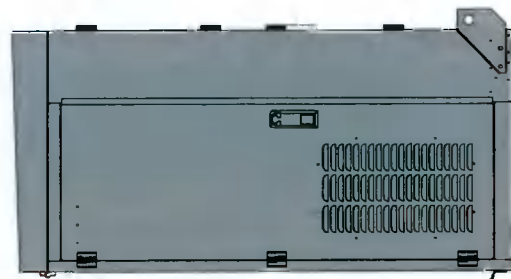
R/H SIDE VIEW



ISO VIEW



FRONT VIEW



L/H SIDE VIEW

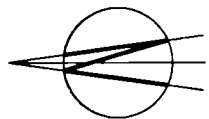
**TYPICAL CABINET**

SCALE 1:25

# 15m Alpha 3.0 STREETPOLE

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No.	Rev	Date	By	Ckd
A	0002	00C	JR	

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Rep. of Ireland.



Signal Infrastructure Ltd.  
Suite 311, O House, 76 Furze Road,  
Sandymount Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Lismacourt, Pentristone,  
GC-Lakes,  
PH: 01766 91155  
Email: info@jac.ie

## PLANNING

Signal site ID CIG-03654

Operator site ID DU1666

Site Name  
BALLYCULLEN

Site Address  
VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24

Title  
CELLNEX SMART STREETPOLE  
COMREG MAP

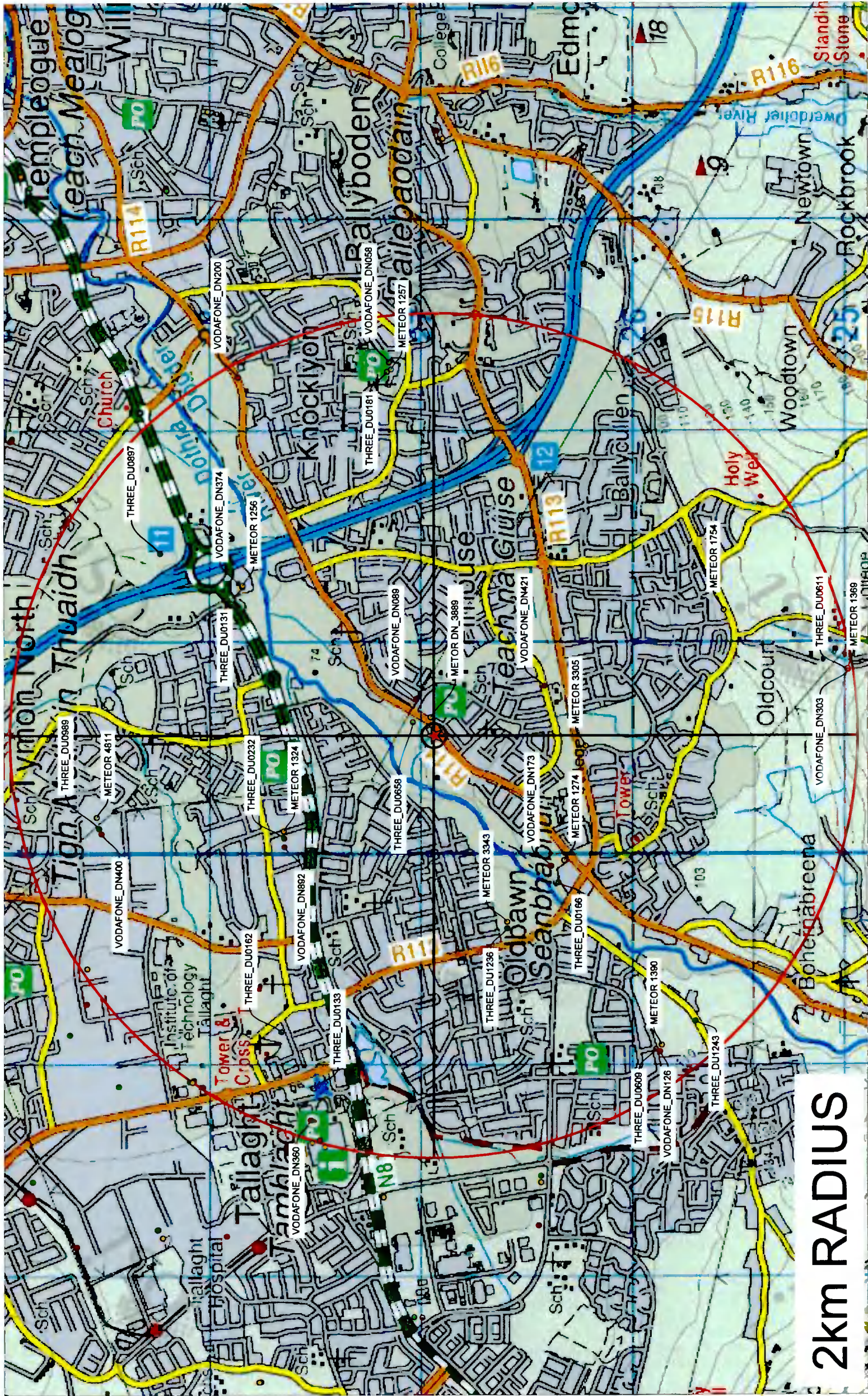
Designed By Date 10.03.2022

Drawn By Scale M/S Rev. A

Dwg No. DU1666\_107

DWG LOCATION: C:\Users\jredmond\Documents\Projects\1666\1666\_107.dwg

- LEGEND:**
- Search Ring Radius
  - Radius Area (2km)
  - ★ Proposed Site
  - Existing Vodafone site shown thus
  - Existing EIR site shown thus
  - Existing H3Gi site shown thus



# 2km RADIUS

## LOCATION MAP

SCALE 1:20,000

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No.	Revision	Date	By	Ckd
A	IFTM ISSUE	10/03/22	OCG	JR

## DELMEC

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Rep. of Ireland



Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandymount Industrial Estate, Dublin 18,  
D18 YV50, IRELAND

Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Lismore Court, Portlaoise,  
Co. Laois.  
PH: 05786 61155  
Email: info@jras.ie

**PLANNING**

Signal site ID **CIG-03654**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN AVE**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
VRP INFORMATION**

Designed JR Date 10.03.2022  
Drawn ooc Scale 1M Rev. A

Dwg No. **DU1666-VRP INFORMATION**

## VISUAL REFERENCE POINTS

DWG NO.	LOCATION	COORDINATES (ITM)	DISTANCE	BEARING	VISIBILITY
1	VRP 1	710438.528, 726891.476	69M	223°	Pole and cabinet visible.
2	VRP 2	710495.602, 726930.424	16M	141°	Pole and cabinet visible.
3	VRP 3	710533.294, 726950.668	48M	82°	View of proposed site.
4	VRP 4	710573.104, 710573.104	105M	58°	Pole and cabinet visible.

# 15m Alpha STREETPOLE

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No.	Revision	Date	By	Chd
A	INITIAL ISSUE	10/03/22	DOC	JR

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Rep. of Ireland.



Cignal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandymount Industrial Estate, Dublin 18,  
D18 YW50, IRELAND.

Jason Redmond & Associates Consulting Engineers

City Management  
Project Management  
5 Linnard Court, Portlaoise,  
Co. Laois,  
PH: 05786 61135  
Email: info@jra.ie

**PLANNING**

Signal site ID **CIG-03664**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN AVE**

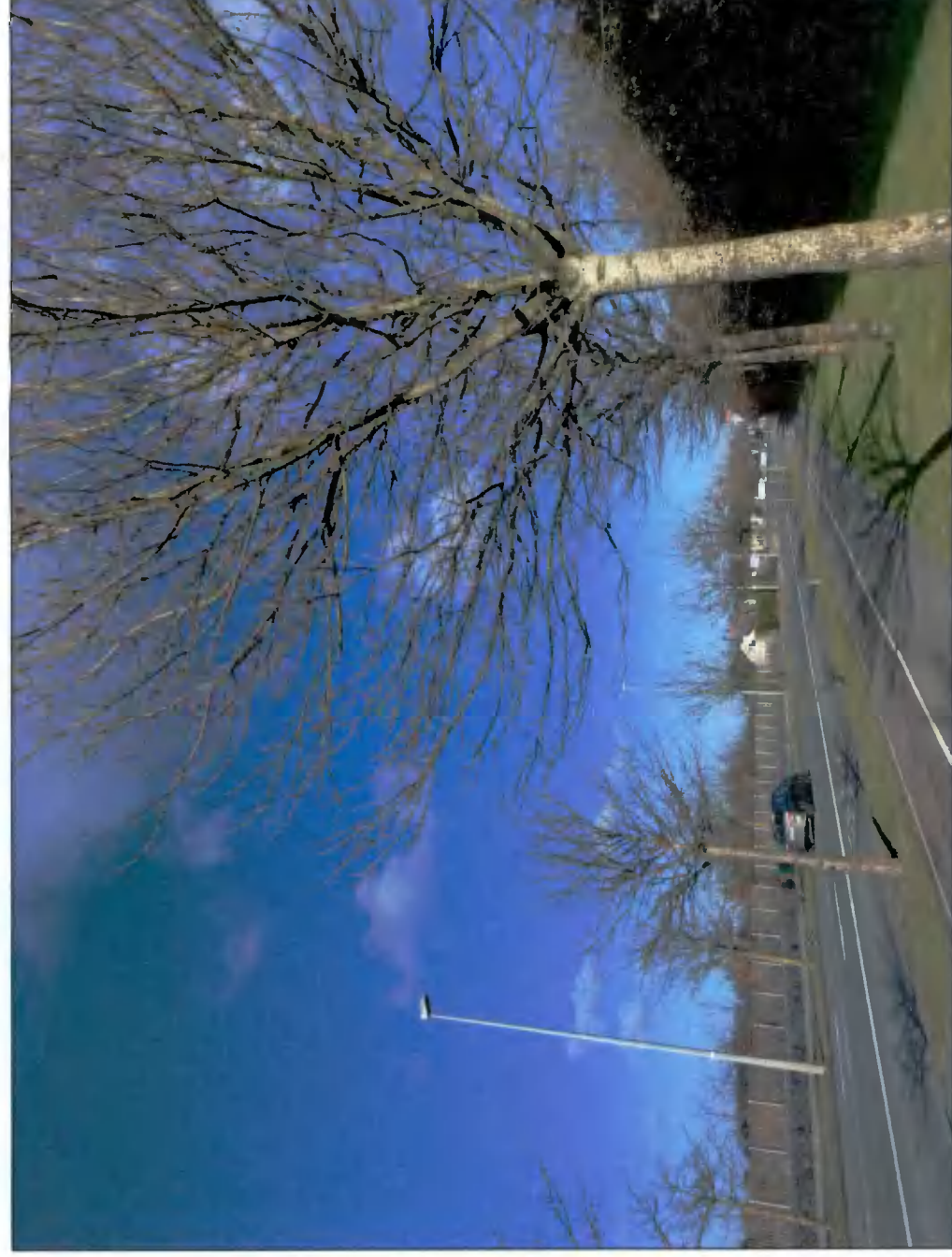
Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
VRP INFORMATION**

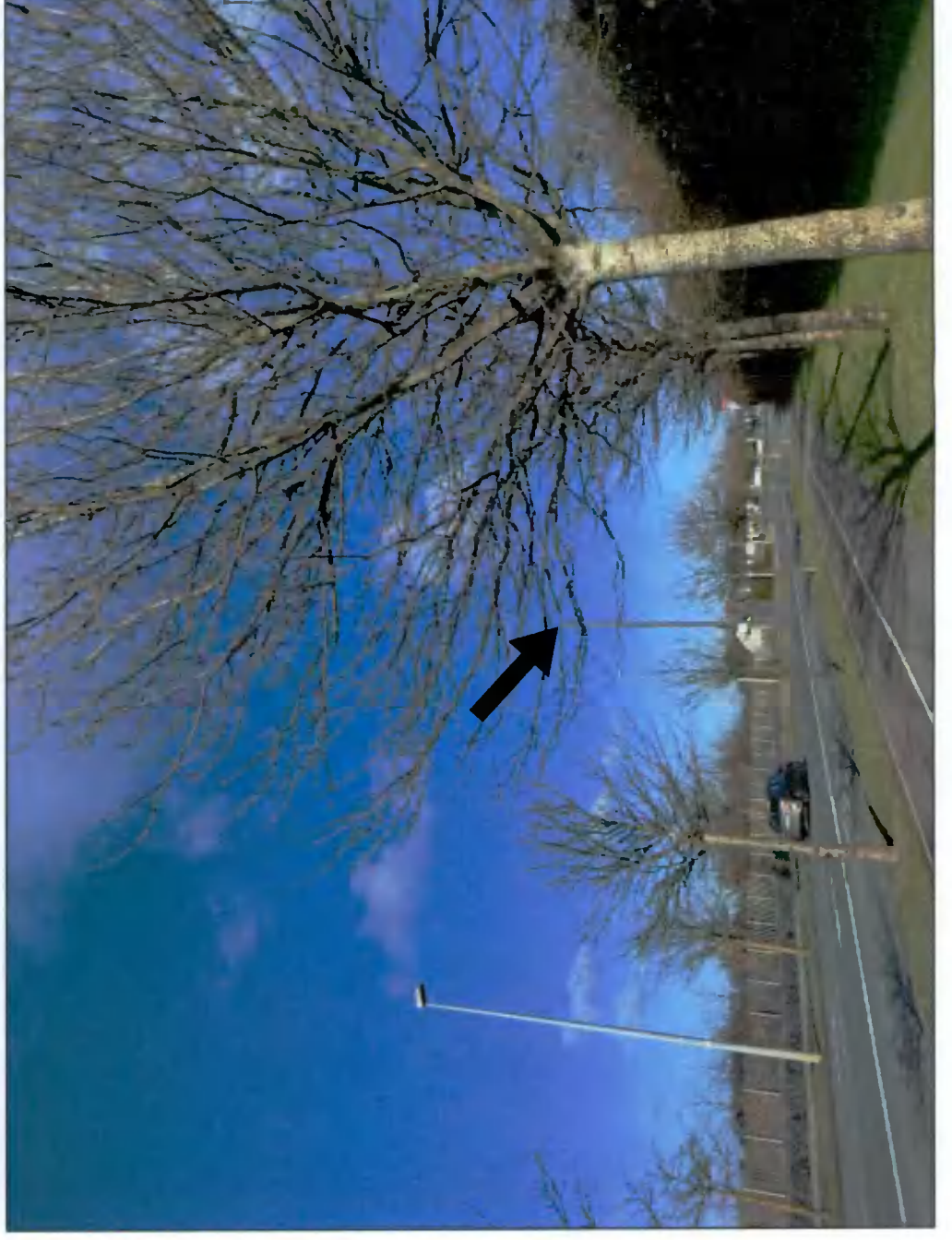
Designed JR Date 10.03.2022  
Drawn DOC Scale M Rev. A  
Dwg No. **DU1666-VRP 120**



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VRP1 - WITHOUT SOLUTION IN PLACE



VRP1 - WITH SOLUTION IN PLACE

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A	INTM. ISSUE	100022	000	JR
No.	Revision	Date	By	Clkd

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Rep. of Ireland.

**celnex**  
driving telecom connectivity  
Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandyford Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

**Jason Redmond & Associates Consulting Engineers**  
Civil Structural  
Project Management  
5 Linnard Court, Portlaoise,  
Co. Laois,  
PH: 05786 81155  
Email: info@jra.ie

### PLANNING

Signal site ID **CIG-03654**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN AVE**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
VRP 121**

Designed JR Date 10.03.2022  
Drawn gdc Scale 1M Rev. A

Dwg No. **DU1666-VRP 121**  
DWG LOCATION: C:\DWG\1666\1666-VRP 121.dwg



VRP2 - WITHOUT SOLUTION IN PLACE



VRP2 - WITH SOLUTION IN PLACE

# 15m Alpha STREETPOLE

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COMMITMENTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

**NOT FOR CONSTRUCTION**

A	INITIAL ISSUE	1000Z	00C	JR
No.	Revision	Date	By	Clkd

## DELMEC

10 Barrowside Business Park, Slough Road,  
Gallicullen, Carlow, R63 E3W7,  
Rep. of Ireland.



Signal Infrastructure Ltd.  
Suite 311, Q House, 76 Furze Road,  
Sandycroft Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

**Jason Redmond & Associates Consulting Engineers**  
 Chief Structural  
 Project Management  
 5 Linnard Court, Portlaoise,  
 Co. Laois,  
 PH: 05766 81155  
 Email: info@rasac.ie

## PLANNING

Signal site ID **CIG-03654**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN AVE**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

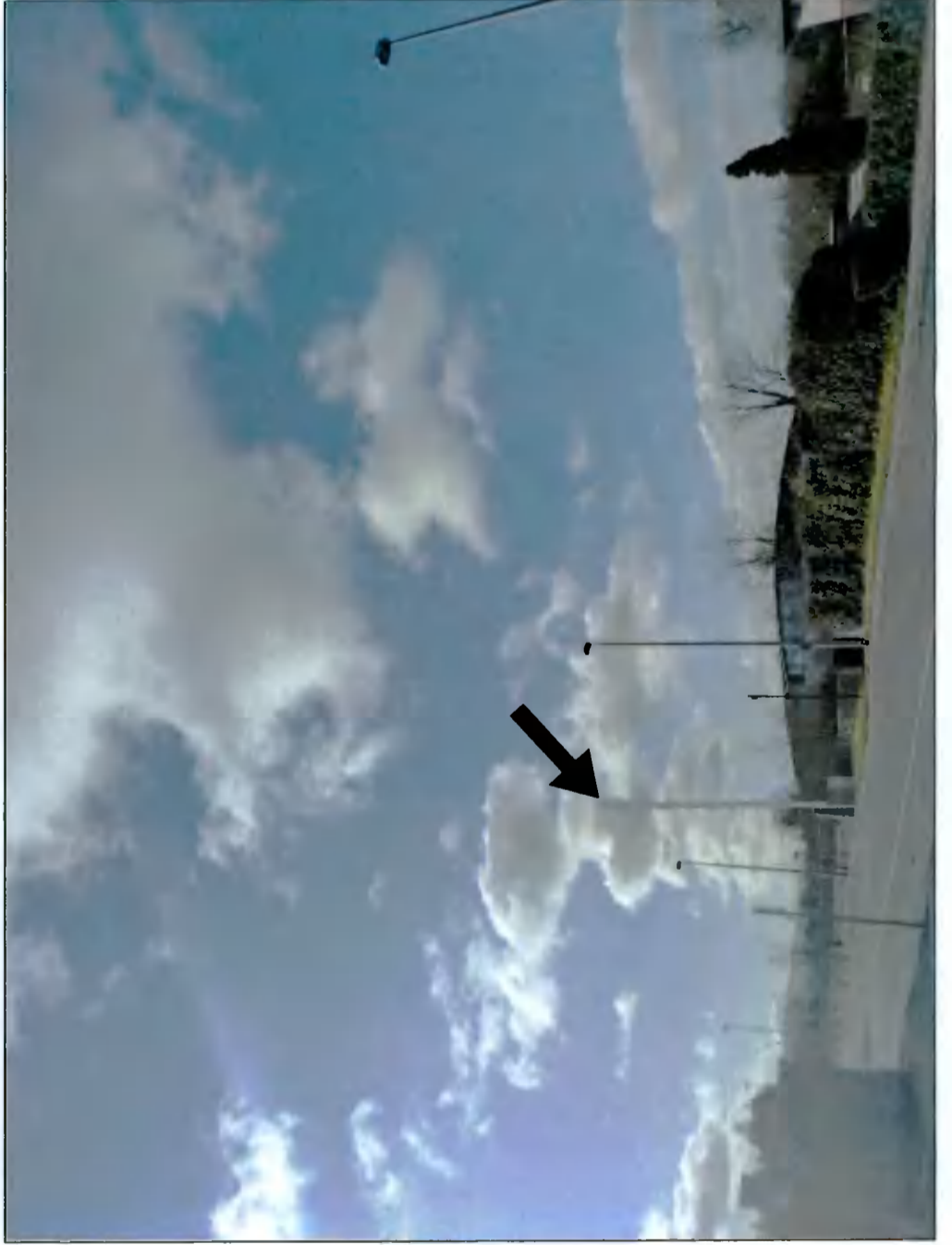
Title  
**CELLNEX SMART STREETPOLE  
VRP 122**

Designed JR Date 10.03.2022  
 Drawn ecc Scale 1M Rev. A  
 Dwg No. **DU1666-VRP 122**

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VRP3 - WITHOUT SOLUTION IN PLACE



VRP3 - WITH SOLUTION IN PLACE

# 15m Alpha STREETPOLE

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A	INITIAL ISSUE	NO	REVISION	DATE	BY	CHKD

## DELMEC

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Grainycullen, Carlow, R63 E3W7,  
Rep. of Ireland.



Cignal Infrastructure Ltd.  
Suite 311, O House, 76 Furze Road,  
Bandyford Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

Jason Redmond & Associates Consulting Engineers

CHM Structural  
Project Management  
6 Linnard Court, Portlaoise,  
Co. Laois.  
PH: 03786 81155  
Email: info@chm.ie

### PLANNING

Signal site ID: CIG-03654

Operator site ID: DU1666

Site Name: BALLYCULLEN AVE

Site Address: VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24

Title: CELLNEX SMART STREETPOLE  
VRP 123

Designed by: Date: 10.03.2022

Drawn by: Scale: 1M Rev: A

Dwg No.: DU1666-VRP 123

FILE LOCATION: \\server\projects\1666\1666-VRP 123\1666-VRP 123.dwg

# 15m Alpha STREETPOLE

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A	INTX. ISSUE	100022	000	JR
No.	Revision	Date	By	Chd

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Grinstown, Carlow, R63 E3W7,  
Rep. of Ireland.

**celnex**  
driving telecom connectivity

Signal Infrastructure Ltd.  
Suite 311, O House, 76 Furze Road,  
Sandyford Industrial Estate, Dublin 18,  
D18 YW50, IRELAND.

Jason Redmond & Associates Consulting Engineers

City of Dublin  
Project Management  
5 Linnard Court, Portlaoine,  
Co. Laois,  
PH: 05766 61155  
Email: info@jras.ie

**PLANNING**

Signal site ID **CIG-03654**

Operator site ID **DU1666**

Site Name  
**BALLYCULLEN AVE**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
VRP 124**

Designed by **goc** Date **10.03.2022**

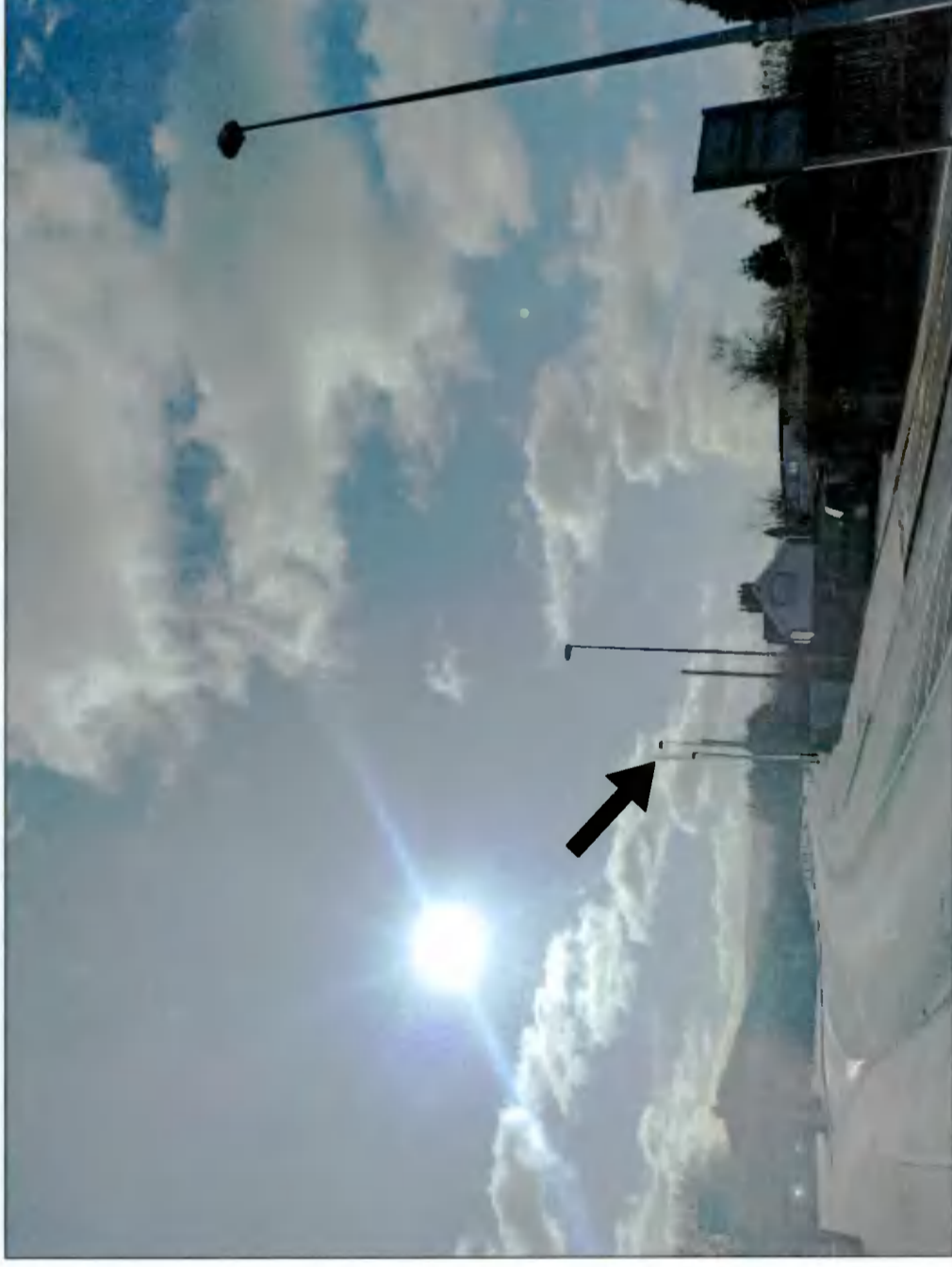
Drawn by **goc** Scale **M** Rev. **A**

Dwg No. **DU1666-VRP 124**

VRP4 - WITHOUT SOLUTION IN PLACE



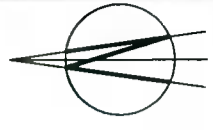
VRP4 - WITH SOLUTION IN PLACE



15m Alpha 3.0 STREETPOLE

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A	INITIAL ISSUE	Revision	Date	By	Chkd

**DELMEC**

10 Barrowside Business Park, Sleafy Road,  
Graigucullen, Carlow, R93 E3W7,  
Rep. of Ireland.

**celnex**  
driving telecom connectivity

Signal Infrastructure Ltd.  
Suite 311, Q House, 78 Furze Road,  
Sandyford Industrial Estate, Dublin 18,  
D18 YV50, IRELAND

Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Linnard Court, Portlaoise,  
County Wick,  
PH: 057 86 81155  
Email: info@jrasc.ie

**PLANNING**

Signal site ID CIG-03654

Operator site ID DU1666

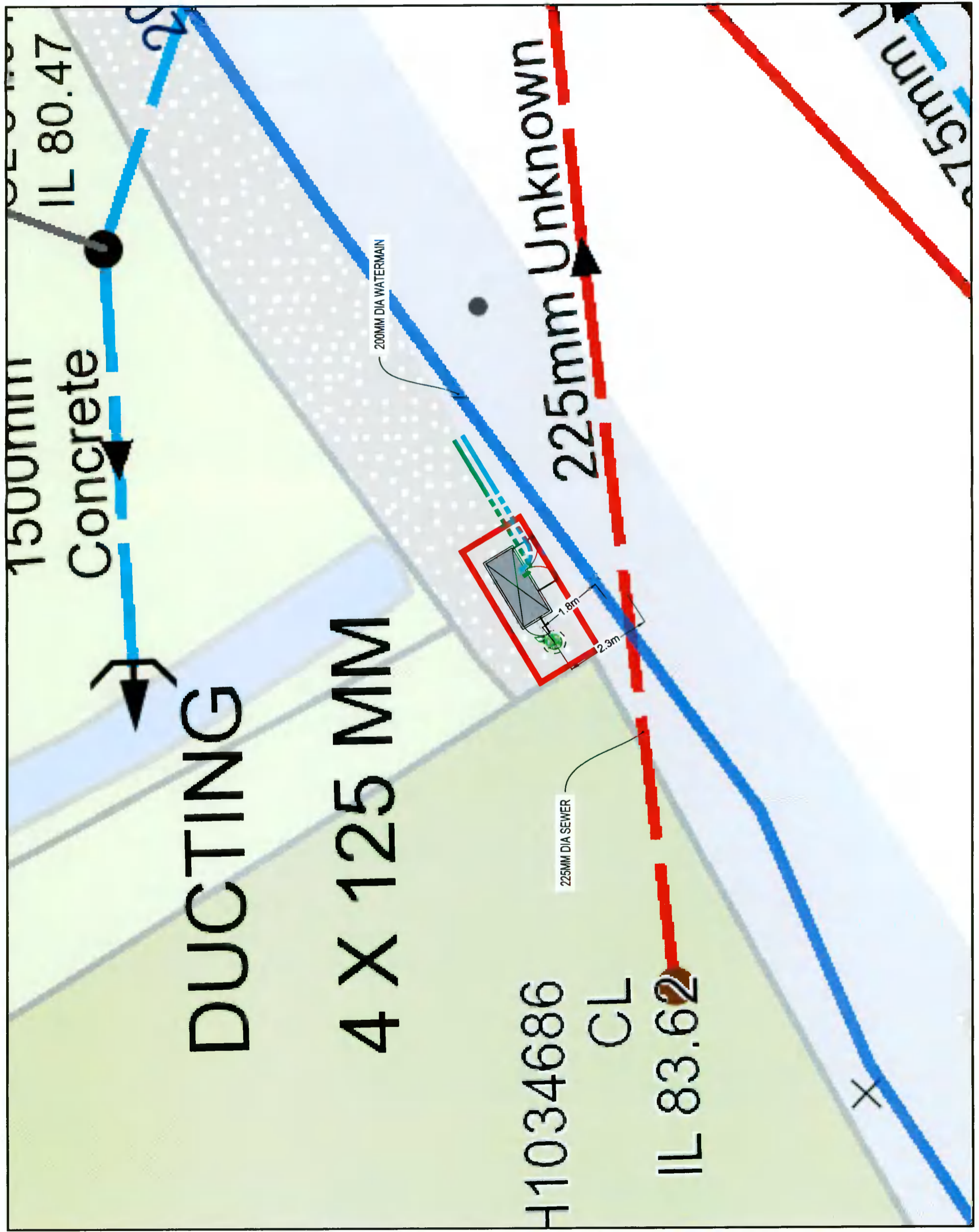
Site Name BALLYCULLEN

Site Address  
VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24

Title  
CELLNEX SMART STREETPOLE  
SITE LAYOUT PLAN

Designed By	Date	10.03.2022
Drawn By	Scale	1:100
Dwg No.	Rev.	A

DU1666\_500



UNDERGROUND SERVICES

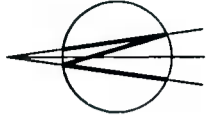
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# 15m Alpha 3.0 STREETPOLE

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A	INITIAL ISSUE	10/03/22	00C	JR
	Revision	Date	By	Ckd

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10 Barrowside Business Park, Smeethy Road,  
Grangeucullen, Carlow, R93 E3W7,  
Rep. of Ireland.

**celnex**  
driving telecom connectivity

Cignel Infrastructure Ltd.  
Suite 311, C House, 76 Furze Road,  
Sandyford Industrial Estate, Dublin 18,  
D18 YV50, IRELAND.

Jason Redmond & Associates Consulting Engineers

Civil Structural  
Project Management  
5 Liamard Court, Portlaoise,  
Co. Wick  
PH: 05790 81155  
Email: info@jra.ie

**PLANNING**

Signal site ID **CIG-03654**

Operator site ID **DU1666**

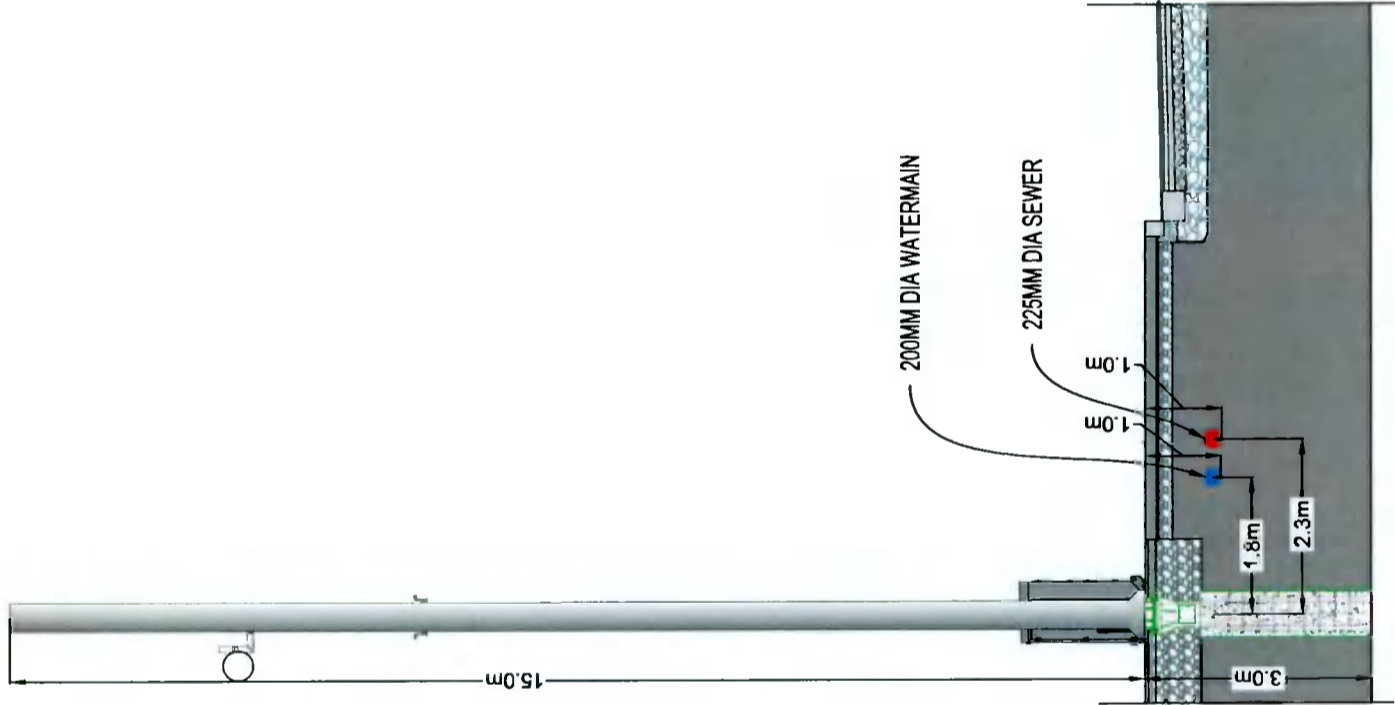
Site Name  
**BALLYCULLEN**

Site Address  
**VERGE OPPOSITE FIRHOUSE SC,  
FIRHOUSE ROAD, TALLAGHT  
DUBLIN 24**

Title  
**CELLNEX SMART STREETPOLE  
SITE LAYOUT PLAN**

Designed JR Date 10.03.22  
Drawn 00C Scale 1:100 Rev. A

Dwg No. **DU1666 501**



**UNDERGROUND SERVICES**

SCALE 1:100