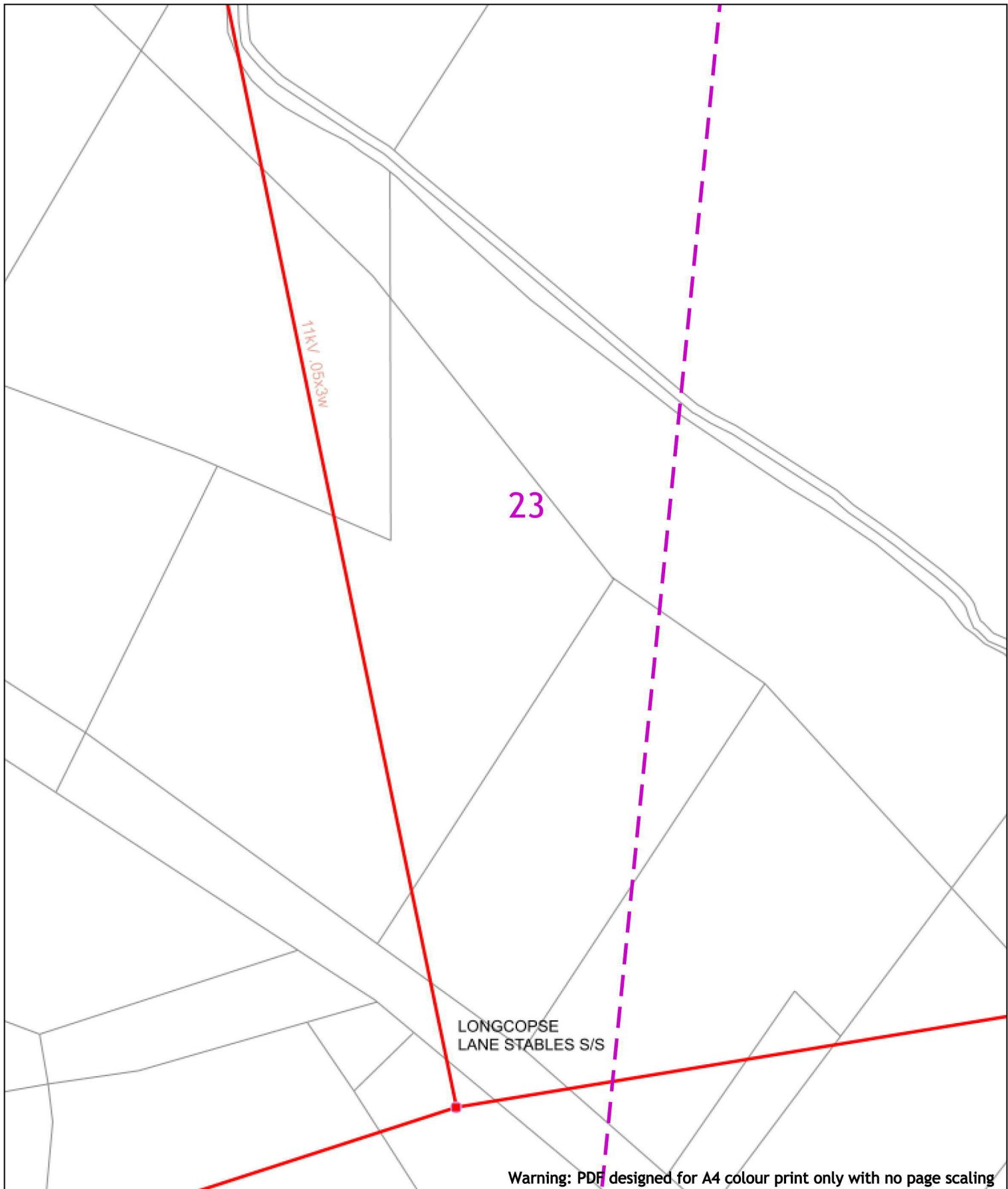




0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM
94628/HaK

Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V		
HV (High Voltage)	Over 1,000V to 11,000V		
EHV (Extra High Voltage)	22,000V to 132,000V		
Transmission	275,000V and 400,000V		

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

Service Cable

LV Mains

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Scottish and Southern Energy Power Distribution Ltd.

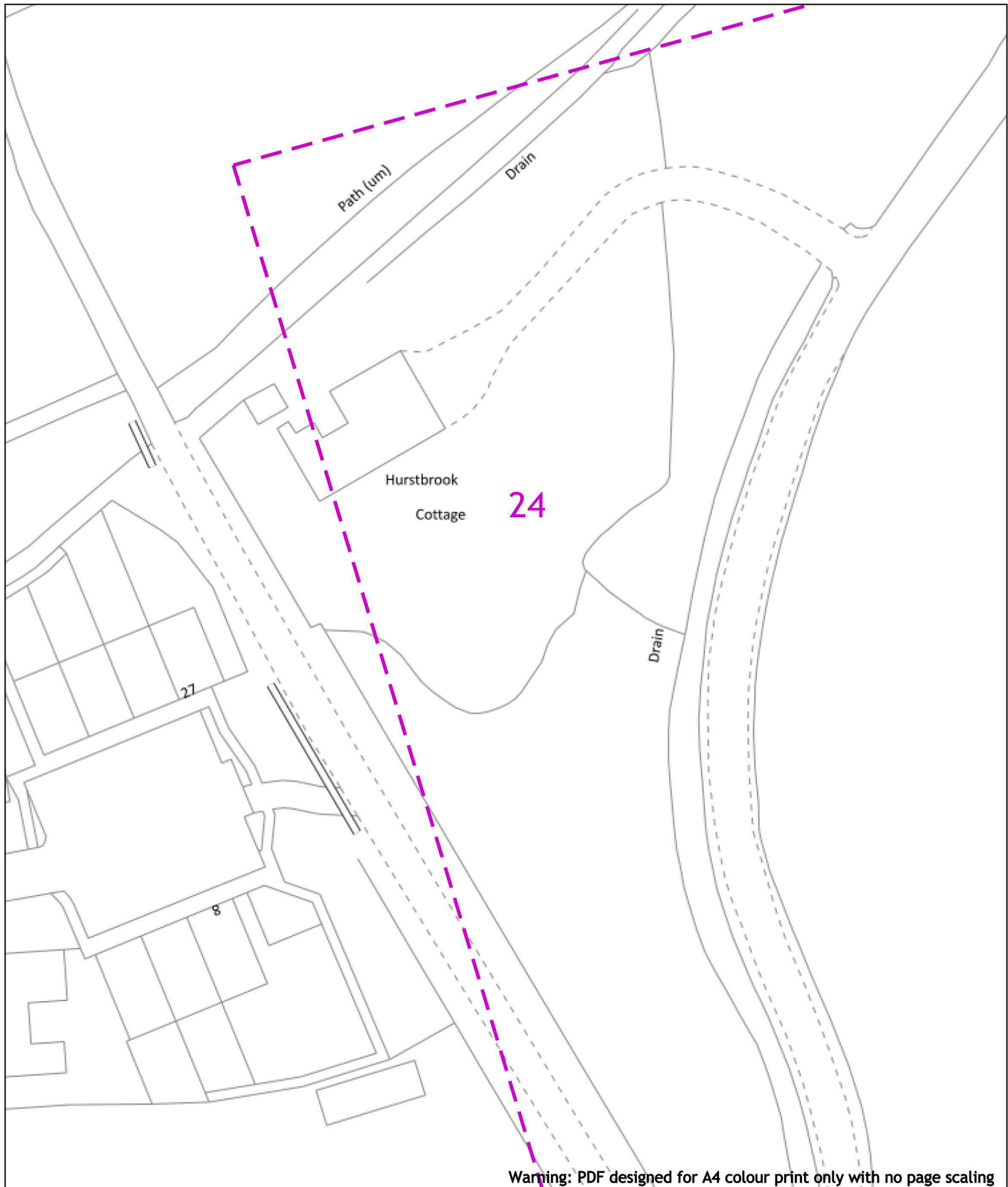
Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.
This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.
Plans generated by DigSAFE Pro™ software provided by Linsearchbeforeusing.



Warning: PDF designed for A4 colour print only with no page scaling

020m

Dig Sites

Area: 

Line: 

Date Requested: 01/04/2021

Job Reference: 21733137

Site Location: 475066 108092

Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 94628/HaK

Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V		
HV (High Voltage)	Over 1,000V to 11,000V		
EHV (Extra High Voltage)	22,000V to 132,000V		
Transmission	275,000V and 400,000V		
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m
Road Crossing	0.6m	0.6m	0.75m
Agricultural	1m	1m	1.1m

Legend

 Service Cable

 LV Mains

 6.6kV

 11kV

 22kV

 33kV

 66kV

 132kV

 275kV

 400kV

 Fibre Optic

 Pilot Cable

Distribution Structures (Electric)

 Pole, Existing Location

 Pole Structure, Existing Location - Single

 Pole Structure, Existing Location - H

 Duct Route

 Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)





Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

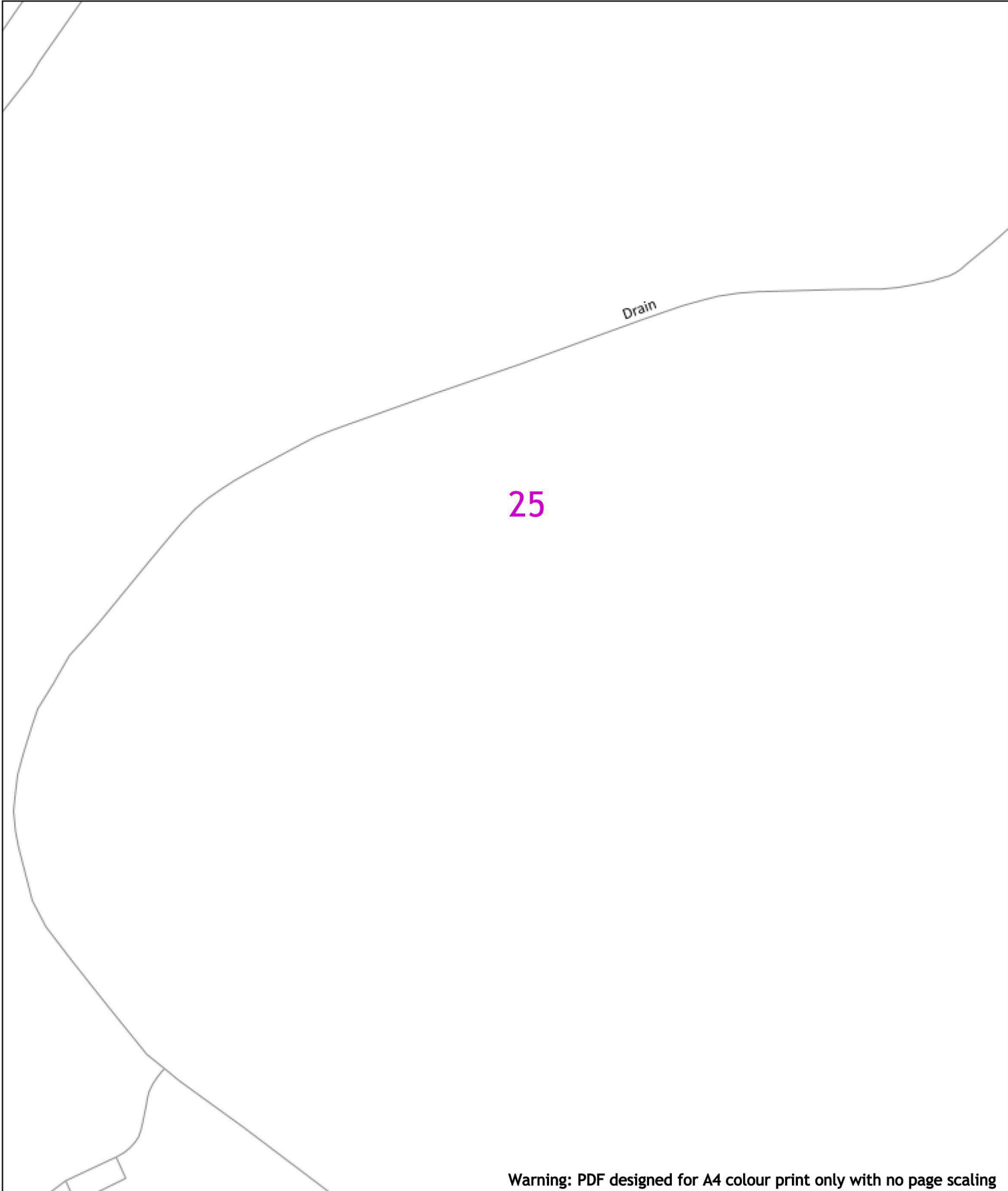
Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Linereachbeforeusllp.



Warning: PDF designed for A4 colour print only with no page scaling

020m Dig Sites

Area: 

Line: 

Date Requested: 01/04/2021

Job Reference: 21733137

Site Location: 475066 108092

Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

 Service Cable

 LV Mains

 6.6kV

 11kV

 22kV

 33kV

 66kV

 132kV

 275kV

 400kV

 Fibre Optic

 Pilot Cable

Distribution Structures (Electric)

 Pole, Existing Location

 Pole Structure, Existing Location - Single

 Pole Structure, Existing Location - H

 Duct Route

 Cross Section Route





Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Linereachbeforeuslltd.

26

LONGCOPSE LANE

Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend	
	Service Cable
	LV Mains
	6.6kV
	11kV
	22kV
	33kV
	66kV
	132kV
	275kV
	400kV
	Fibre Optic
	Pilot Cable

Distribution Structures (Electric)	
	Pole, Existing Location
	Pole Structure, Existing Location - Single
	Pole Structure, Existing Location - H
	Duct Route
	Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)



Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

27

Drain

Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)	
LV (Low Voltage) and Services	Up to 1,000V
HV (High Voltage)	Over 1,000V to 11,000V
EHV (Extra High Voltage)	22,000V to 132,000V
Transmission	275,000V and 400,000V
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID	
Services	LV HV EHV
Footpath/Unmade	0.45m 0.45m 0.6m 0.8m
Road Crossing	0.6m 0.6m 0.75m 0.9m
Agricultural	1m 1m 1m 1.1m

Legend	
Service Cable	
LV Mains	
2 - 3.3kV	
6.6kV	
11kV	
22kV	
33kV	
66kV	
132kV	
275kV	
400kV	
Fibre Optic	
Pilot Cable	

Distribution Structures (Electric)	
Pole, Existing Location	
Pole Structure, Existing Location - Single	
Pole Structure, Existing Location - H	
Duct Route	
Cross Section Route	



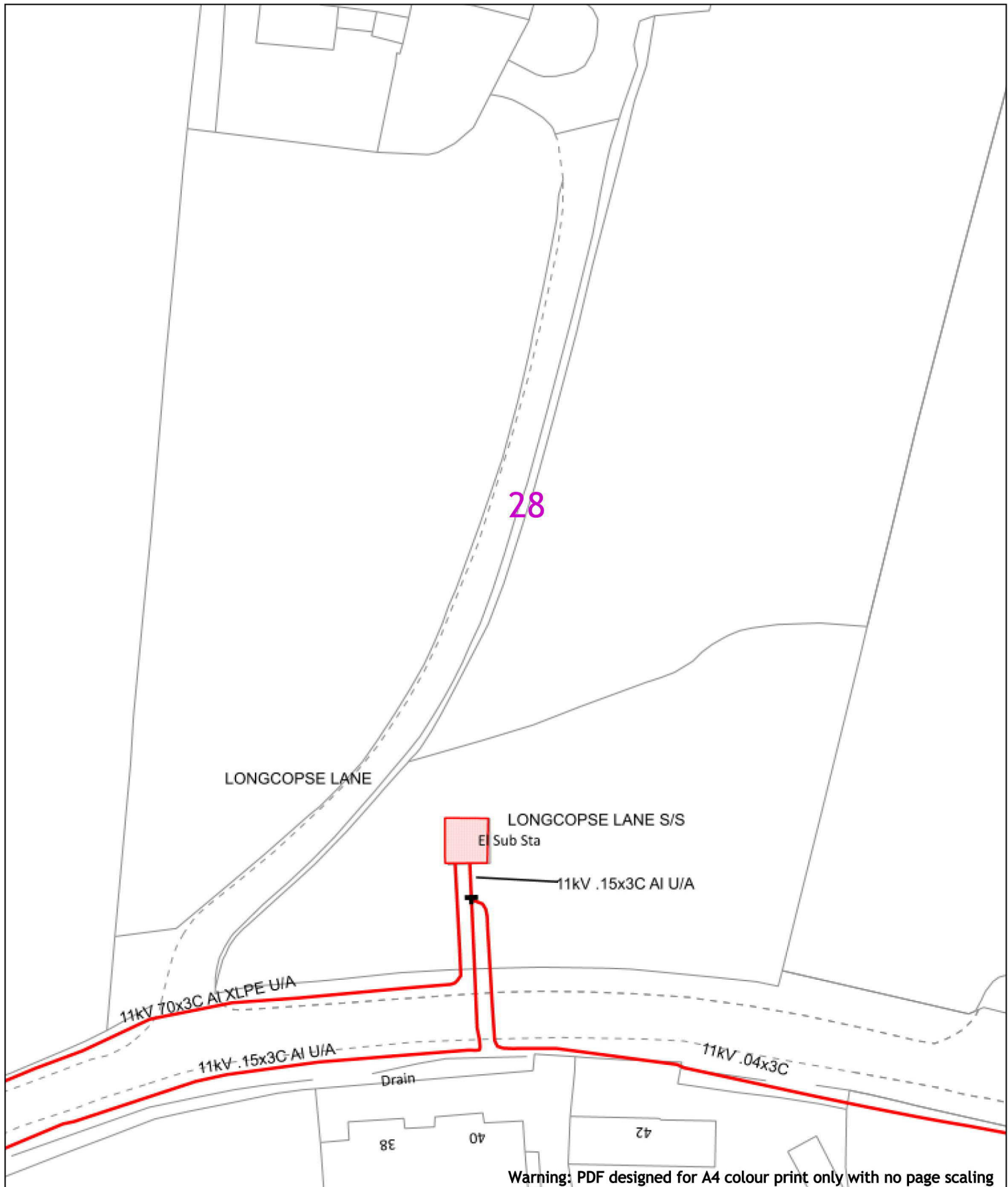
Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No. SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

WARNING
There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)



Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)		Normal Depth to the Top of the Cable when Laid			
LV (Low Voltage) and Services		Up to 1,000V			
HV (High Voltage)		Over 1,000V to 11,000V			
EHV (Extra High Voltage)		22,000V to 132,000V			
Transmission		275,000V and 400,000V			
Services	LV	HV	EHV		
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m	
Road Crossing	0.6m	0.6m	0.75m	0.9m	
Agricultural	1m	1m	1m	1.1m	

Legend	
Service Cable	
LV Mains	
2 - 3.3kV	
6.6kV	
11kV	
22kV	
33kV	
66kV	
132kV	
275kV	
400kV	
Fibre Optic	
Pilot Cable	

Distribution Structures (Electric)	
Pole, Existing Location	
Pole Structure, Existing Location - Single	
Pole Structure, Existing Location - H	
Duct Route	
Cross Section Route	



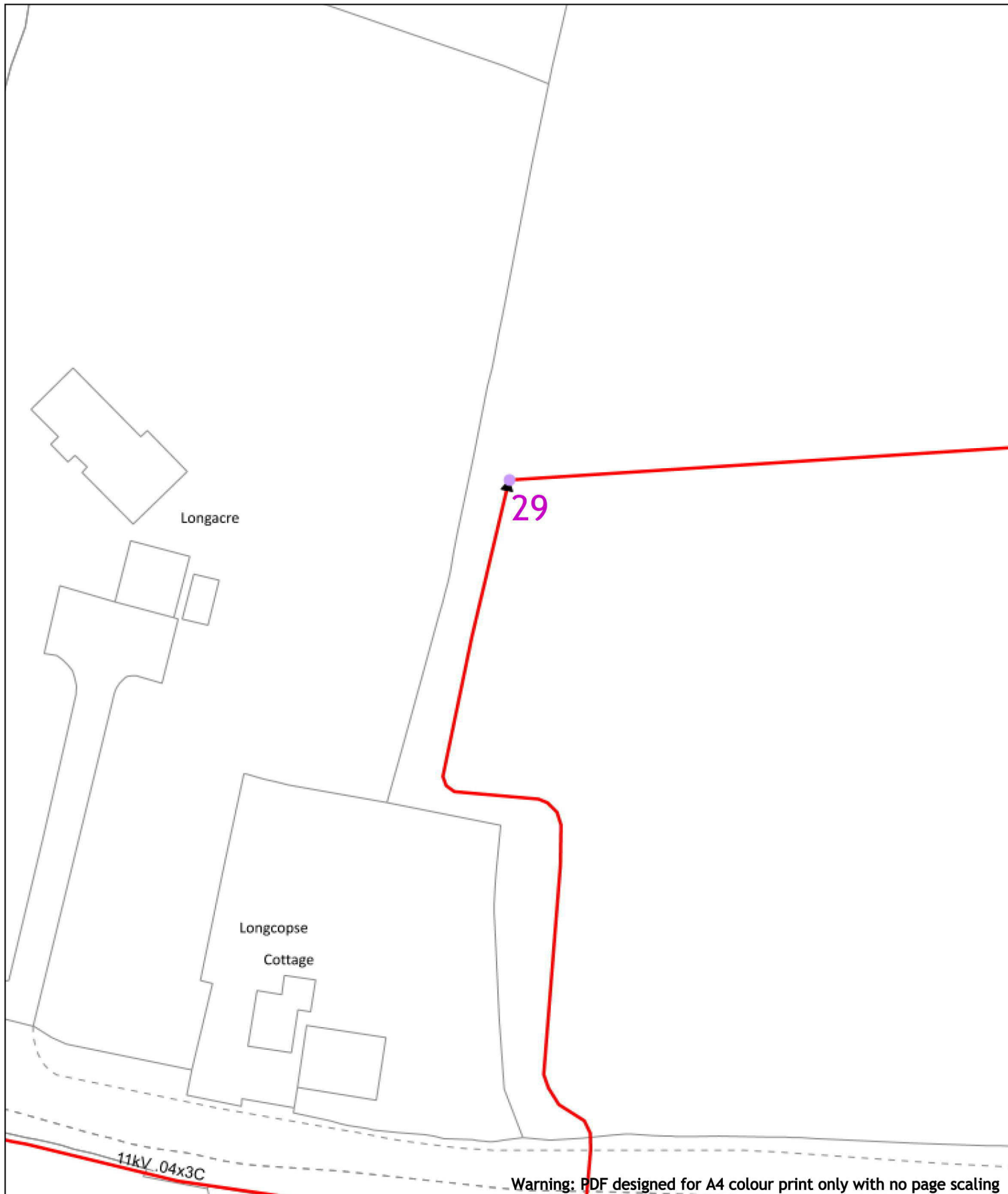
Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No.SC213459

If you're unsure & need to seek advice before commencing
excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

WARNING
There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)



Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend	
Service Cable	
LV Mains	
6.6kV	
11kV	
22kV	
33kV	
66kV	
132kV	
275kV	
400kV	
Fibre Optic	
Pilot Cable	

Distribution Structures (Electric)	
Pole, Existing Location	
Pole Structure, Existing Location - Single	
Pole Structure, Existing Location - H	
Duct Route	
Cross Section Route	



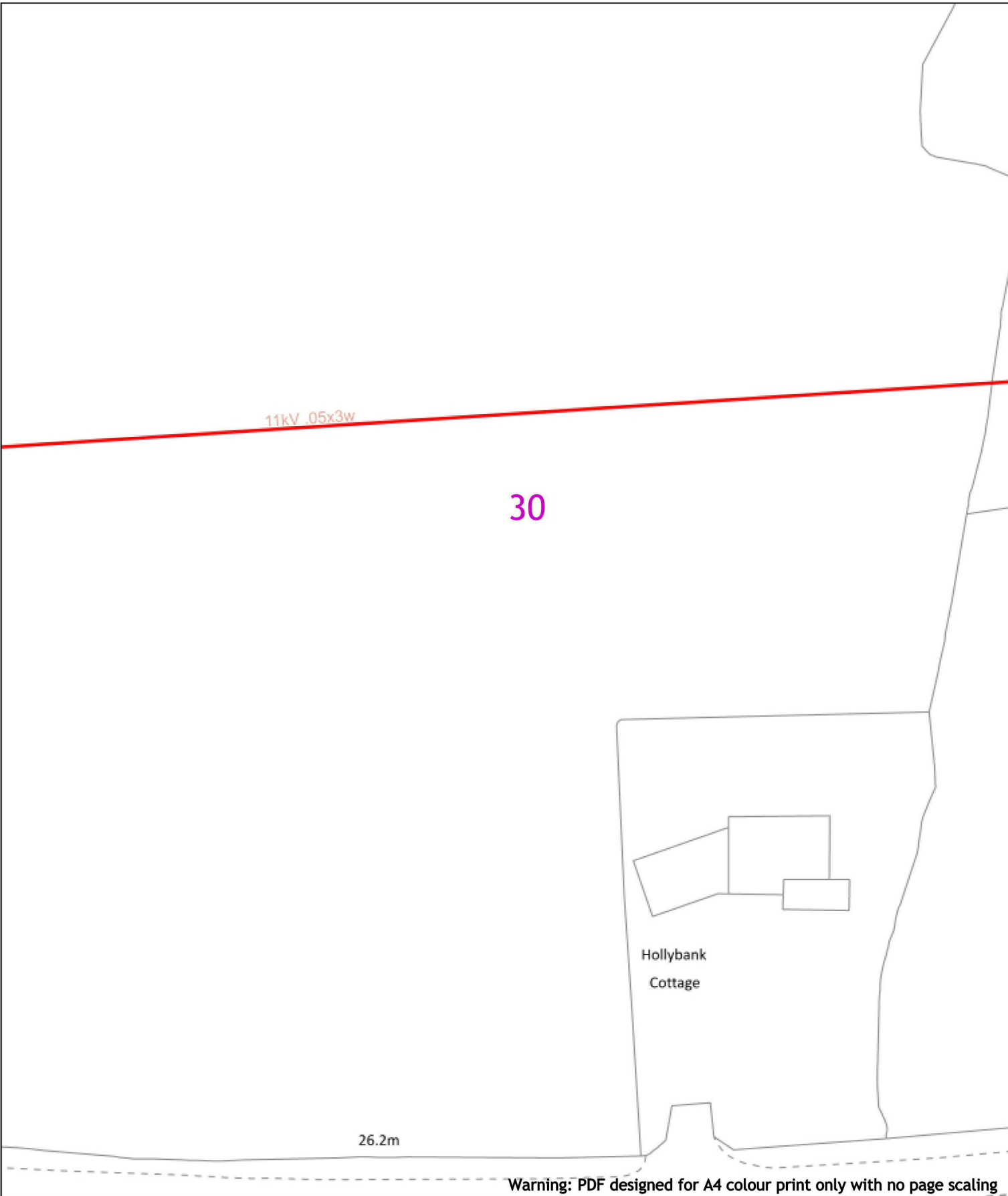
Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No. SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

WARNING
There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)



Warning: PDF designed for A4 colour print only with no page scaling

020m Dig Sites Area: Line:

Date Requested: 01/04/2021

Job Reference: 21733137

Site Location: 475066 108092

Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
Services	LV	HV	EHV	
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

Service Cable

LV Mains

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures [Electric]

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inveralmond House, 200 Dunkeld Road, Perth, PH1 3AQ

Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact: General Enquiries: 0800 048 3516

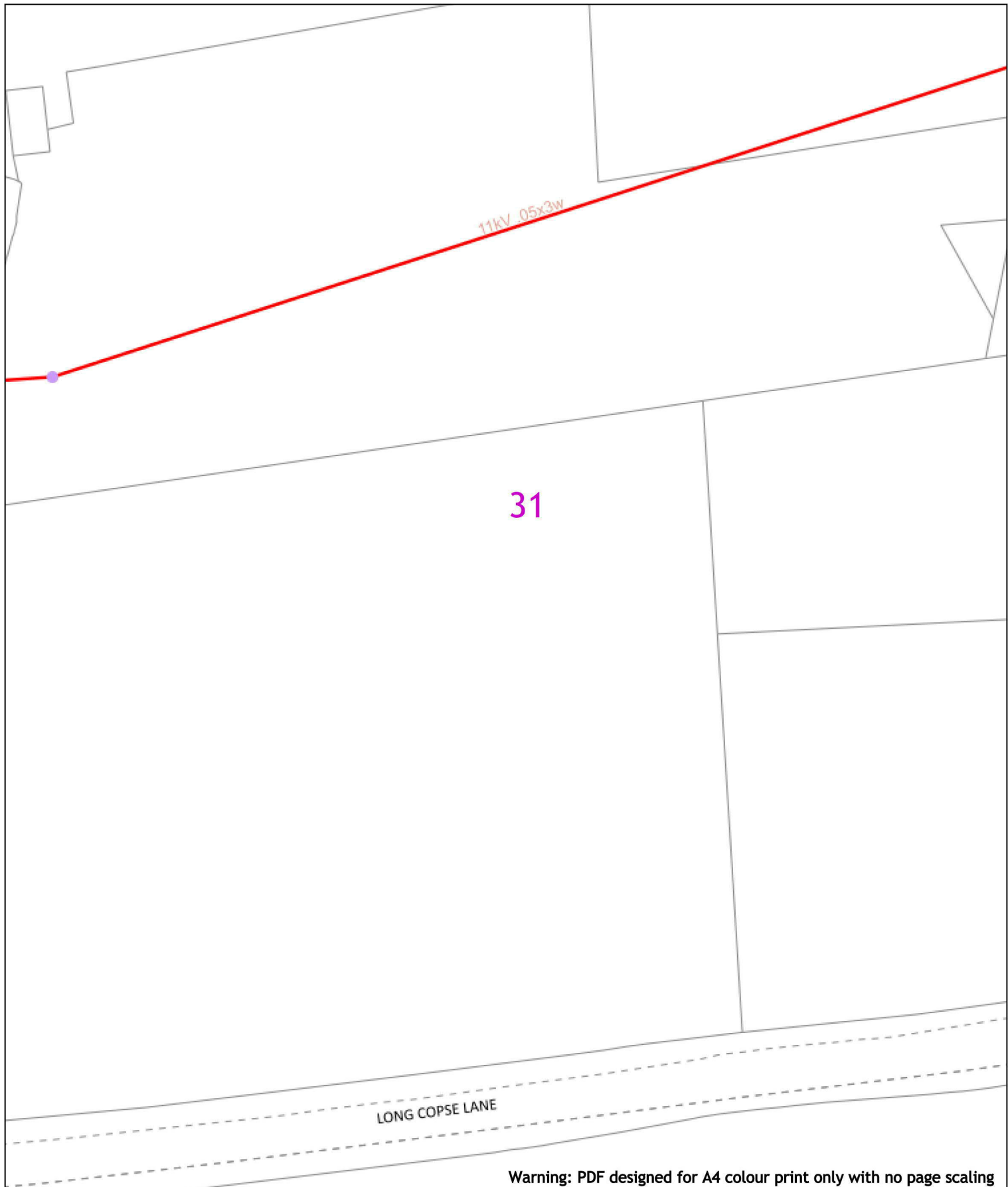
Subject to revision – Master held by SSEN Asset Data Team: Asset.Data@sse.com 01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Linsearchbeforestarting.



Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend	
	Service Cable
	LV Mains
	2 - 3.3kV
	6.6kV
	11kV
	22kV
	33kV
	66kV
	132kV
	275kV
	400kV
	Fibre Optic
	Pilot Cable

Distribution Structures (Electric)	
	Pole, Existing Location
	Pole Structure, Existing Location - Single
	Pole Structure, Existing Location - H
	Duct Route
	Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)



Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlorn House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No. SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)



Warning: PDF designed for A4 colour print only with no page scaling

0

20m

Dig Sites

Area:

Line:

Date Requested: 01/04/2021

Job Reference: 21733137

Site Location: 475066 108092

Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 94628/HaK

Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V		
HV (High Voltage)	Over 1,000V to 11,000V		
EHV (Extra High Voltage)	22,000V to 132,000V		
Transmission	275,000V and 400,000V		

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
Services	LV	HV	EHV	
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

Service Cable

LV Mains

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

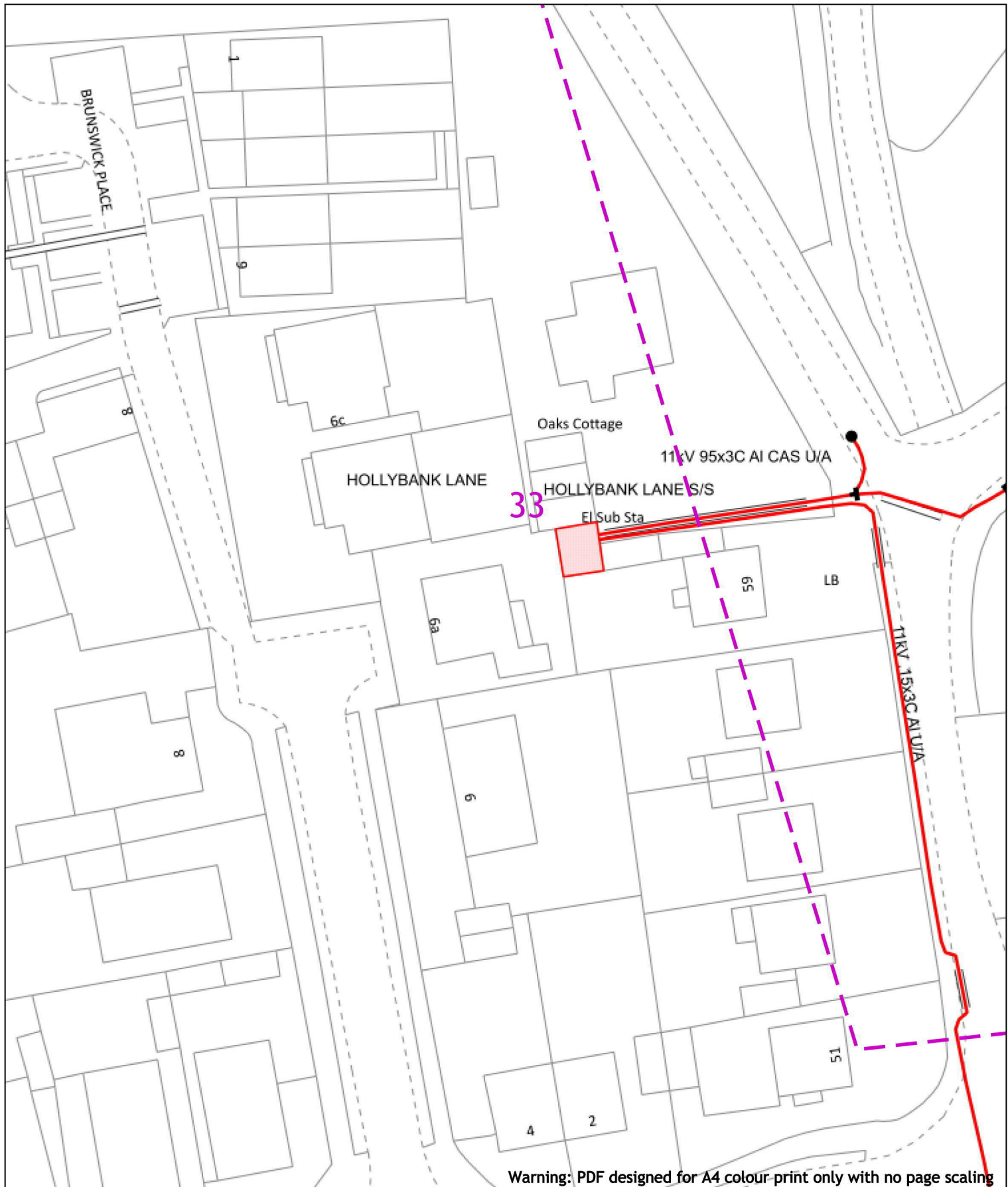
Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Lineworkshouse Ltd.



Warning: PDF designed for A4 colour-print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM
94628/HaK

Scale: 1:500 (When plotted at A4)

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.3m

Legend	
Service Cable	
LV Mains	
2 - 33kV	
6.6kV	
11kV	
22kV	
33kV	
66kV	
132kV	
275kV	
400kV	
Fibre Optic	
Pilot Cable	

Distribution Structures (Electric)	
Pole, Existing Location	
Pole Structure, Existing Location - Single	
Pole Structure, Existing Location - H	
Duct Route	
Cross Section Route	

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.

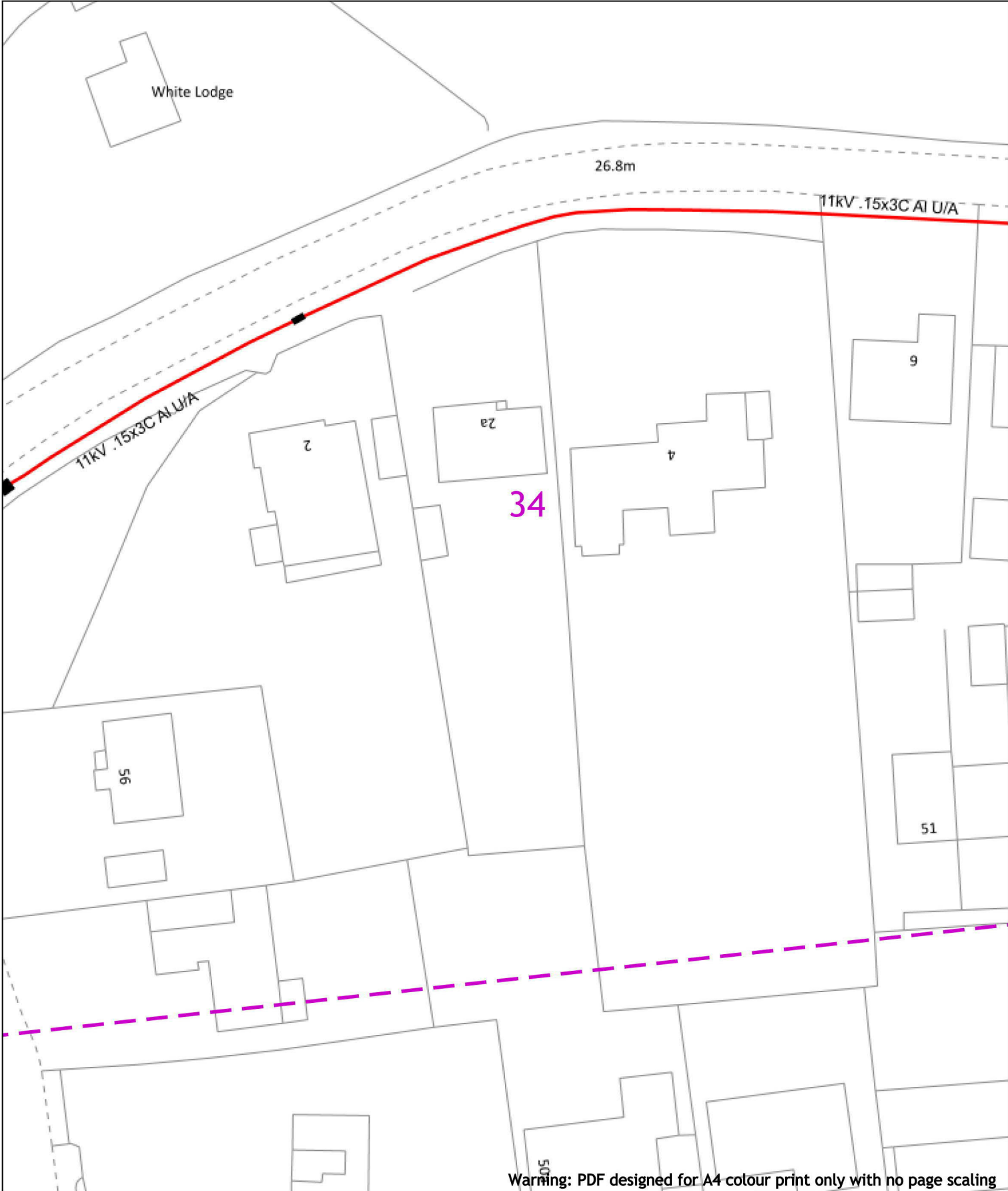
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)



Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No. SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294



020m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM
94628/HaK

Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V		
HV (High Voltage)	Over 1,000V to 11,000V		
EHV (Extra High Voltage)	22,000V to 132,000V		
Transmission	275,000V and 400,000V		

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.8m
Road Crossing	0.6m	0.6m	0.75m
Agricultural	1m	1m	1.3m

Legend

Service Cable

LV Mains

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Scottish & Southern
Electricity Networks

Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

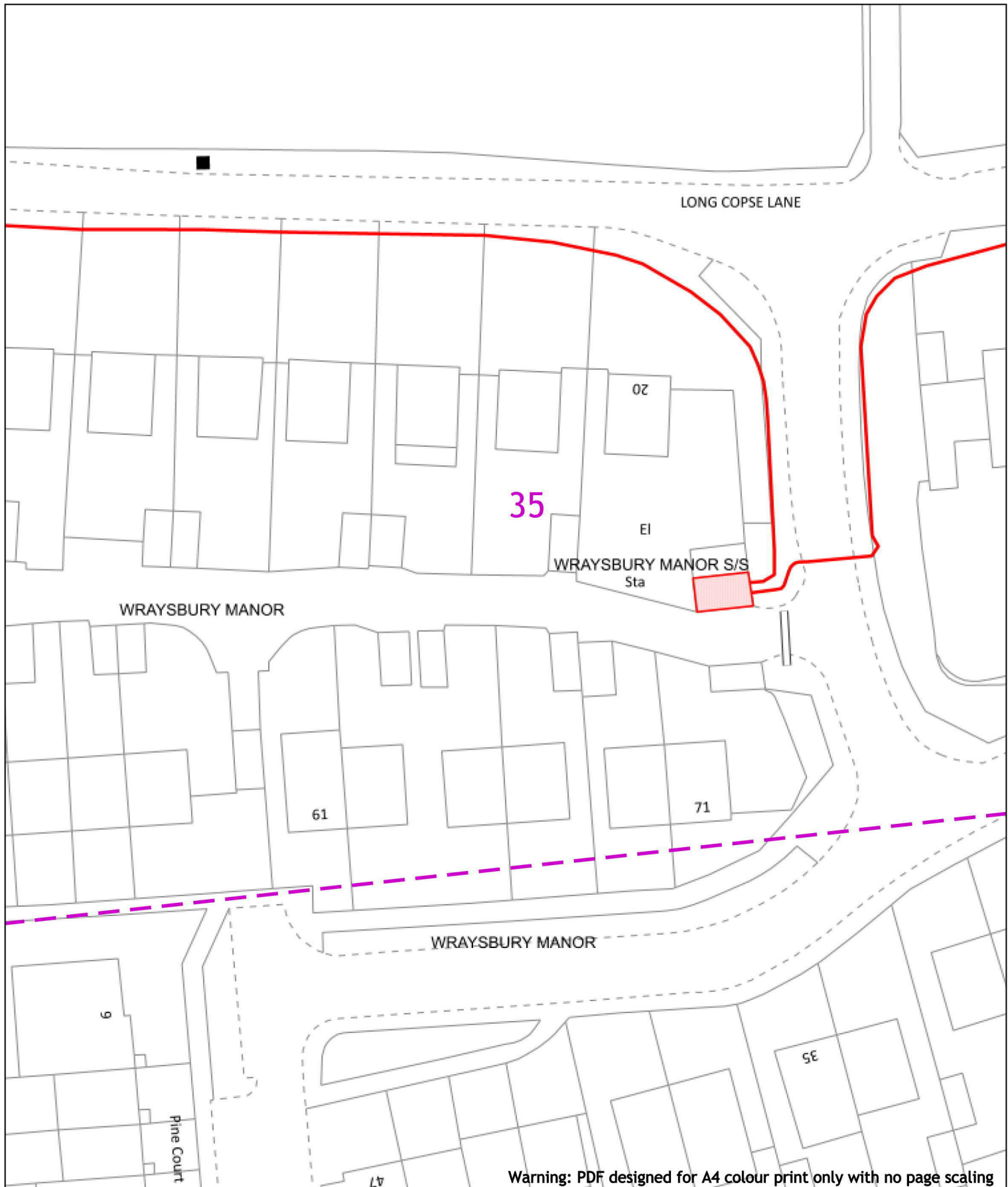
Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Linereachbeforeusltd.



Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V		
HV (High Voltage)	Over 1,000V to 11,000V		
EHV (Extra High Voltage)	22,000V to 132,000V		
Transmission	275,000V and 400,000V		
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.8m
Road Crossing	0.6m	0.6m	0.9m
Agricultural	1m	1m	1.3m

Legend	
Service Cable	
LV Mains	
6.6kV	
11kV	
22kV	
33kV	
66kV	
132kV	
275kV	
400kV	
Fibre Optic	
Pilot Cable	

Distribution Structures (Electric)	
Pole, Existing Location	
Pole Structure, Existing Location - Single	
Pole Structure, Existing Location - H	
Duct Route	
Cross Section Route	

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF HM STATIONERY OFFICE CROWN COPYRIGHT RESERVED.
This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 (The Act). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.
Plans generated by DigSAFE Pro™ software provided by Linsearchbefore Ltd.

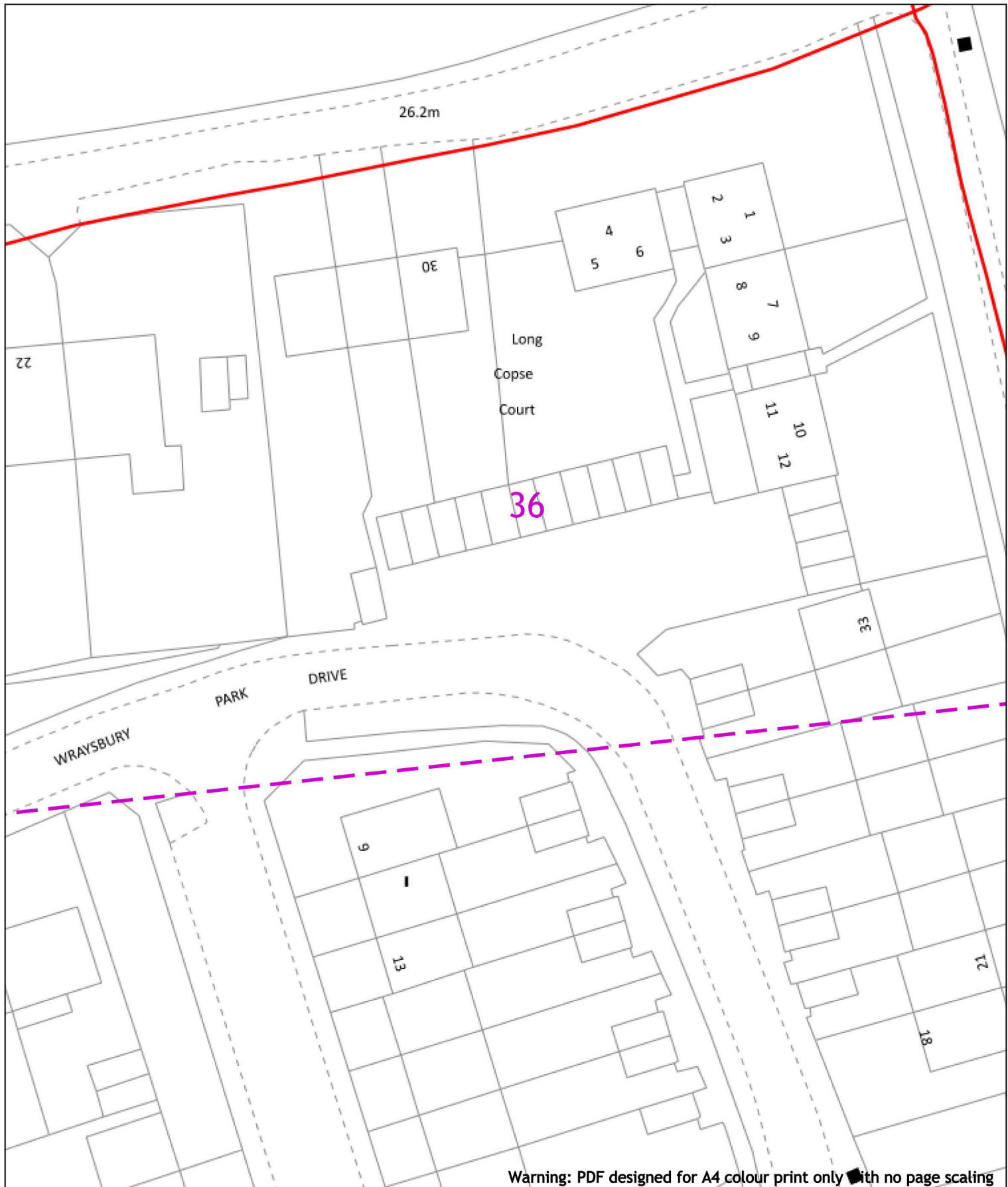


Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No. SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)



0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021

Job Reference: 21733137

Site Location: 475066 108092

Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 94628/HaK

Voltages (V)

LV (Low Voltage) and Services Up to 1,000V

HV (High Voltage) Over 1,000V to 11,000V

EHV (Extra High Voltage) 22,000V to 132,000V

Transmission 275,000V and 400,000V

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

Services

Footpath/Unmade

Road Crossing

Agricultural

LV

HV

EHV

0.45m

0.45m

0.6m

0.6m

0.75m

0.9m

1m

1m

1m

1.3m

Legend

Service Cable

LV Mains

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

N

E

S

W

Scottish & Southern Electricity Networks

Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inverlmond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

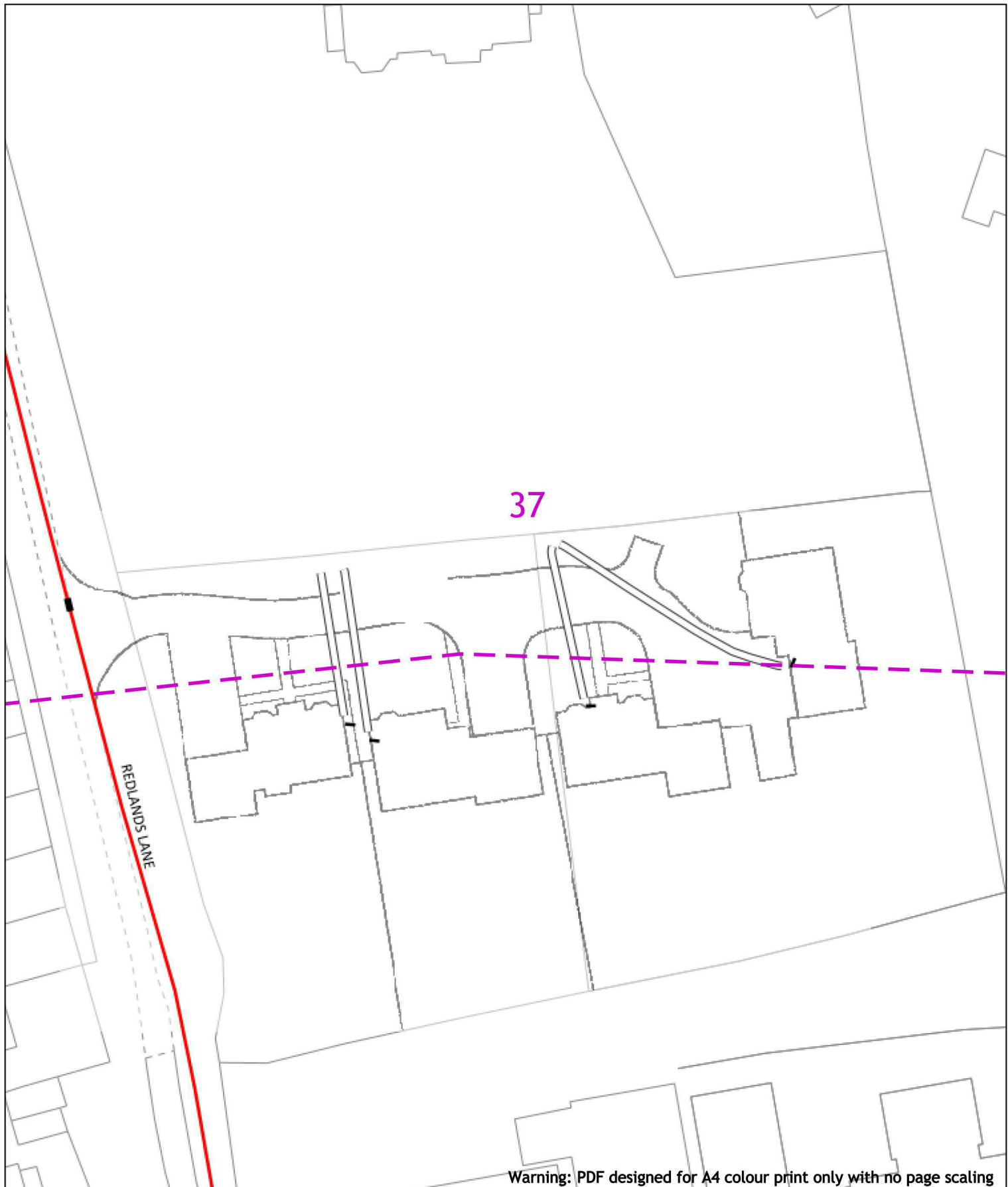
Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Lineworksbeforeus Ltd.



Warning: PDF designed for A4 colour print only with no page scaling

0 20m

Dig Sites Area: Line:

Date Requested: 01/04/2021
 Job Reference: 21733137
 Site Location: 475066 108092
 Requested by: Ms Christina Elliott
 Your Scheme/Reference: LM 94628/HaK

Voltages (V)			
LV (Low Voltage) and Services	Up to 1,000V		
HV (High Voltage)	Over 1,000V to 11,000V		
EHV (Extra High Voltage)	22,000V to 132,000V		
Transmission	275,000V and 400,000V		
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.8m
Road Crossing	0.6m	0.6m	0.9m
Agricultural	1m	1m	1.1m

Legend

- Service Cable
- LV Mains
- 6.6kV
- 11kV
- 22kV
- 33kV
- 66kV
- 132kV
- 275kV
- 400kV
- Fibre Optic
- Pilot Cable

Distribution Structures (Electric)

- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

WARNING
 There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
 WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Scottish and Southern Energy Power Distribution Ltd.
 Registered Office: Inverlond House,
 200 Dunkeld Road, Perth, PH1 3AQ
 Registered In Scotland No. SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
 General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
 01256 337 294

Scale: 1:500 (When plotted at A4)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.
 This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.
 Plans generated by DigSAFE Pro™ software provided by Linereachbeforeus Ltd.



Warning: PDF designed for A4 colour print only with no page scaling

020m

Dig Sites

Area:

Line:

Date Requested: 01/04/2021

Job Reference: 21733137

Site Location: 475066 108092

Requested by: Ms Christina Elliott

Your Scheme/Reference: LM 94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
Services	LV	HV	EHV	
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

Service Cable

LV Mains

6.6kV

11kV

22kV

33kV

66kV

132kV

275kV

400kV

Fibre Optic

Pilot Cable

Distribution Structures (Electric)

Pole, Existing Location

Pole Structure, Existing Location - Single

Pole Structure, Existing Location - H

Duct Route

Cross Section Route

Scottish and Southern Energy Power Distribution Ltd.

Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Linsearchbeforeyoudig.

40

Warning: PDF designed for A4 colour print only with no page scaling

0 20m Dig Sites Area: Line:

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott
Your Scheme/Reference: LM
94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			
NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend	
	Service Cable
	LV Mains
	6.6kV
	11kV
	22kV
	33kV
	66kV
	132kV
	275kV
	400kV
	Fibre Optic
	Pilot Cable

Distribution Structures (Electric)	
	Pole, Existing Location
	Pole Structure, Existing Location - Single
	Pole Structure, Existing Location - H
	Duct Route
	Cross Section Route

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work.
WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

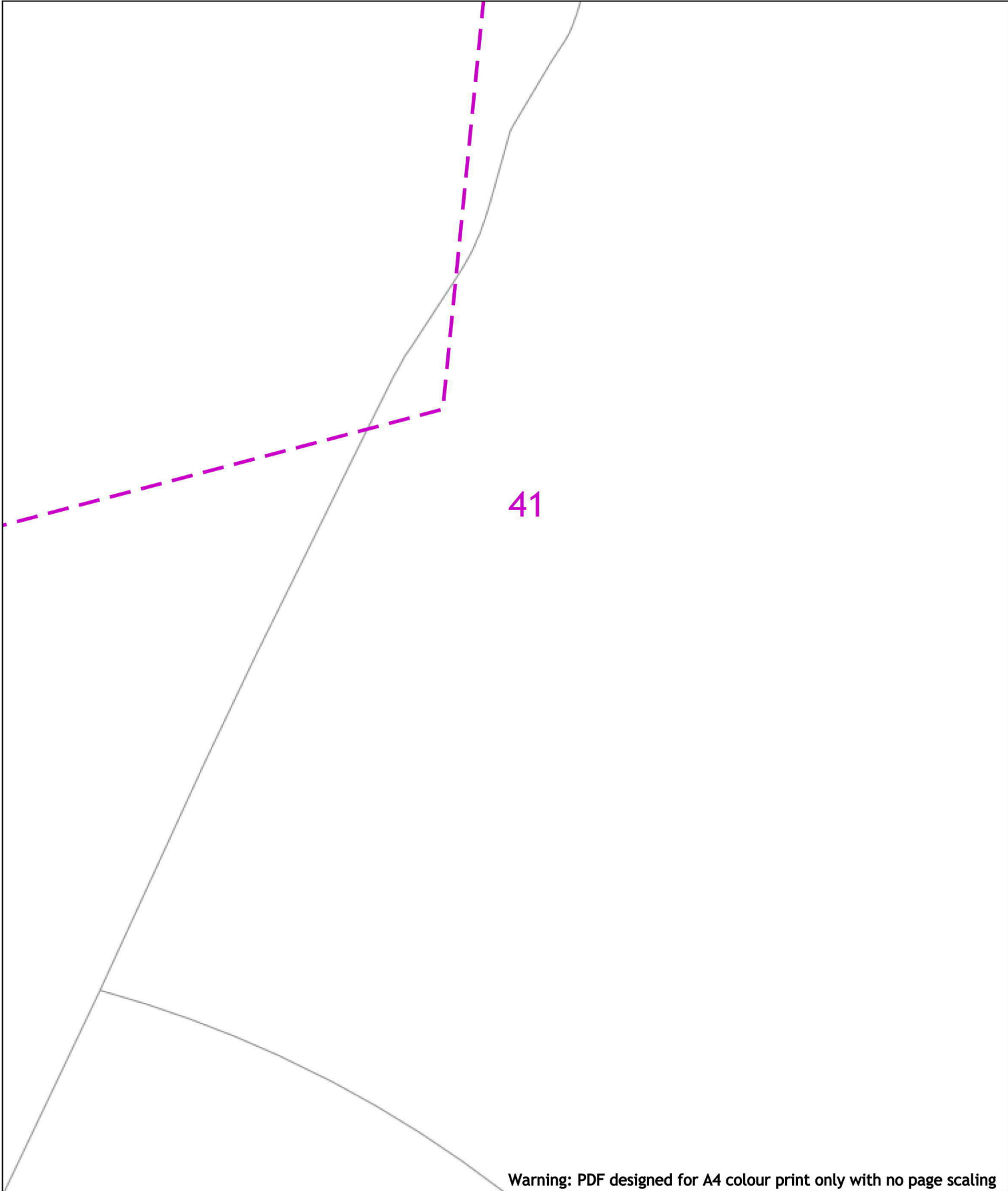


Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlond House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision - Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)



Warning: PDF designed for A4 colour print only with no page scaling

0  20m Dig Sites Area:  Line: 

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 475066 108092
Requested by: Ms Christina Elliott

Your Scheme/Reference: LM
94628/HaK

Voltages (V)				
LV (Low Voltage) and Services	Up to 1,000V			
HV (High Voltage)	Over 1,000V to 11,000V			
EHV (Extra High Voltage)	22,000V to 132,000V			
Transmission	275,000V and 400,000V			

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
Services	LV	HV	EHV	
Footpath/unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

 Service Cable

 LV Mains

 6.6kV

 11kV

 22kV

 33kV

 66kV

 132kV

 275kV

 400kV

 Fibre Optic

 Pilot Cable

 Pole, Existing Location

 Pole Structure, Existing Location - Single

 Pole Structure, Existing Location - H

 Duct Route

 Cross Section Route



Scottish & Southern
Electricity Networks

Scottish and Southern Energy Power Distribution Ltd.
Registered Office: Inverlorn House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered In Scotland No.SC213459

If you're unsure & need to seek advice before commencing
excavations, please contact:
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294

Scale: 1:500 (When plotted at A4)

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

BASED UPON THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF H.M. STATIONERY OFFICE CROWN COPYRIGHT RESERVED.

This copy has been made by or with the authority of Scottish and Southern Energy Power Distribution Ltd. Pursuant to section 47 of the Copyright, Designs and Patents Act 1988 ("The Act"). Unless the Act provides a relevant exception to copyright the copy must not be copied without prior permission of the copyright owner.

Plans generated by DigSAFE Pro™ software provided by Linsearchbefore Ltd.

Watch it!

Safety advice brought to you by
Scottish and Southern Electricity Networks

These notes are intended to help all those who have to work in the vicinity of electrical apparatus. Employers have a legal obligation to ensure that their operatives are fully instructed in the correct procedures.

The Electricity at Work Regulations 1989 impose health and safety requirements upon employers, employees and self-employed persons with respect to electricity at work. The regulations impose restrictions on persons being engaged in work activities on or near live conductors.

Regulation 14 requires that: "No person shall be engaged in any work activity on or near any live conductor (other than one suitably covered with insulating material so as to prevent danger) that danger may arise unless:

- ◆ it is unreasonable in all circumstances for it to be dead; and
- ◆ it is reasonable in all circumstances for him to be at work on or near it while it is live; and
- ◆ suitable precautions (including where necessary the provision of suitable protective equipment) are taken to prevent injury."

The purpose of the regulations is to require precautions to be taken against the risk of death or personal injury from electricity in work activities.

Publications

The Health and Safety Executive have produced a document entitled 'Avoiding Danger from Underground Services', and the Appendix 1 deals specifically with electric cables. Copies are available from the HSE's Accredited Agents and good booksellers, Ref. HS (G) 47.

Copies of Health and Safety Guidance note GS 6 relating to safe working in proximity to overhead lines, are available from the Health and Safety Executive's website - www.hse.gov.uk.

Note

In situations of emergency or danger, or where the advice contained in these notes cannot be followed, you must consult Scottish and Southern Electricity Networks immediately. Tel. 0800 0727282 for southern England or 0800 300999 for Scotland.

Additional copies of these "Watch it!" leaflets can be obtained from our Asset Data Team office upon request. Tel. 01256 337294, or Fax 01256 337295.

You must read and accept the following safety notes as part of the contract to receive our network plans. You will have the option to print these and issue them to site staff.

Watch it! - Working in the vicinity of underground cables

Our plans show the positions and normal depths for the buried cables and pipes at the time when they were installed. However, alterations to road alignments surface levels and buildings may have occurred subsequently without our knowledge. If you discover plant or cables that are not marked or incorrectly marked, then you are required to contact us as soon as possible to give us the opportunity to amend our plans.

These plans show the equipment owned by Scottish and Southern Electricity Networks. There may be other privately owned plant in the area, which is outside of our control. You should always check with the Local Authority, National Grid Company, Department of the Environment, other Electricity Companies and other utilities before proceeding.

It is not intended that the issue of these plans will absolve either party from their obligation under any of the acts that control digging in the public highways.

Supplies To Properties etc.

The location of cables supplying individual properties, street lighting, traffic signs, telephone kiosks etc. are not always shown on the plans. You should assume that each property, streetlight etc. will have its own supply cable.

Major Circuits

Where our plans indicate the presence of cables with a voltage exceeding 11,000 volts, you are advised to contact our local depot (telephone number is on the plans), before commencing any excavations within the vicinity of these cables. These major circuits form an extremely important link in Scottish and Southern Electricity Networks' networks, and damaging or modifying these circuits is a major and costly undertaking. Any development should therefore be designed to allow these circuits to remain undisturbed and accessible in their present location.

For your own and your workmates' safety, please follow the do's and don'ts listed below:

- ✓ do make sure you have plans of the underground cables in the area before any excavation work starts. Remember that some cables may not be shown on plans. If carrying out emergency work, excavate as though there are buried live cables in the vicinity.
- ✓ do use a cable locator to determine the position of existing cables in the work area. The positions should be marked and tests made as work proceeds. If in doubt, get advice from your supervisor.
- ✓ do ask for a cable to be made dead if it is buried in concrete.

- ✓ do backfill carefully, using stone-free soil around the cables, replacing marker-tapes and / or covers.
- ✓ do notify us immediately if you accidentally damage our cables. Arrange to keep people well clear of a cable that has been damaged until we have confirmed it has been made safe.
- ✓ do make sure before starting to demolish a building that all cables have been disconnected. We welcome prior notice of the intention to demolish buildings. This enables us to ensure that the site has been made safe electrically.
- ✓ don't operate a bulldozer, scraper, dragline or excavator; unless you are satisfied that there are no buried cables in the working area.
- ✓ don't use picks, pins, forks or pointed instruments in soft clay or soil when cables are present. Exercise extreme caution where such instruments are used to free lumps of stone, or break up firmly compacted ground. Never throw a fork or sharp instrument into the ground.
- ✓ don't dig trial holes over the indicated route of the cable. Excavate alongside instead.
- ✓ don't use exposed cables as a convenient step or handhold.
- ✓ don't handle or attempt to alter the position of any cable.

Remember that a damaged cable may cause extensive loss of supplies, make expensive repairs necessary and cause serious or even fatal injury.

If effective measures are not adopted to protect our equipment, we will take steps to recover the cost of any damage caused. Persons causing damage resulting in loss of supply to customers can be held legally responsible for any claims made by those customers. Promptness in reporting an incident will minimise costs.

In most cases it is not practicable to make cables dead without interrupting supplies to our customers. But given adequate notice, we will wherever possible, give advice regarding special precautions which may be necessary on any site where particular problems are likely to be encountered. The right is reserved to make a charge for this service.

Electricity cables can exist anywhere - under paths or roads, in gardens or driveways, on new housing or industrial development sites or even farmland.

Watch it! - Working in the vicinity of overhead lines

For your own and your workmates' safety, please follow the do's and don'ts listed below

- ✓ do carefully note the position of all overhead lines before commencing work.
- ✓ do co-operate with us during planning and sitework stages.
- ✓ do follow the advice given in HSE Guidance Note GS 6 when siting barriers, goal posts, bunting etc.
- ✓ do keep overhead lines in view when moving scaffolding or machinery and take special care when felling or lopping trees.
- ✓ do remember that the raising or slewing of a crane or excavator jib may cause danger when operating near an overhead line.

- ✓ do avoid any machinery that is in contact with an overhead line until we confirm that conditions are safe.
- ✓ do warn others to keep well clear.
- ✓ don't drive a high vehicle below an overhead line when an alternative route is available.
- ✓ don't raise the bed of a tipper lorry beneath an overhead line or drive under the line with the body of the vehicle raised.
- ✓ don't steady any suspended load until you are satisfied that there is no danger from overhead lines.
- ✓ don't handle or use scaffold platforms, poles, pipes or ladders unless they are at a safe distance from overhead lines.
- ✓ don't transport long objects beneath overhead lines, unless they are carried in a horizontal position.
- ✓ don't approach or touch any broken or fallen overhead lines.

Always remember that:

- Electricity can jump gaps.
- Contact or near contact with a crane jib, scaffold or ladder can cause a discharge of electricity with a risk of fatal or severe shock and burns to any person in the vicinity.

If effective measures are not adopted to protect our equipment, we will take steps to recover the cost of any damage caused. Persons causing damage resulting in loss of supply to customers can be held legally responsible for any claims made by those customers. Promptness in reporting an incident will minimise costs.

In most cases it is not practicable to make overhead lines dead without interrupting supplies to customers. However, provided adequate notice is given, then we will, whenever possible, give advice regarding special precautions which may be necessary on site where specific problems may be encountered. The right is reserved to make a charge for this service.

Scottish and Southern Electricity Networks is a trading name of: Scottish and Southern Energy Power Distribution Limited Registered in Scotland No. SC213459; Scottish Hydro Electric Transmission plc Registered in Scotland No. SC213461; Scottish Hydro Electric Power Distribution plc Registered in Scotland No. SC213460 (all having their Registered Offices at Inverlmond House 200 Dunkeld Road Perth PH1 3AQ); and Southern Electric Power Distribution plc Registered in England & Wales No. 04094290 having its Registered Office at No.1 Forbury Place 43 Forbury Road Reading RG1 3JH which are members of the SSE Group www.ssen.co.uk

GUIDE TO INTERPRETING MAINS RECORDS PLAN



INTRODUCTION

The Health & Safety Executive have produced a document entitled 'Avoiding danger from underground services'. Copies are available from HMSO's accredited agents and good booksellers, Ref HS(G)47, ISBN 0118854925.

WHEN WORKING IN THE VICINITY OF ELECTRICITY CABLES AND OVERHEAD LINES PLEASE FOLLOW THE DO'S & DON'T'S LISTED BELOW.

DO'S

- Do** Make sure that you have plans of the cables in the area before any excavation work starts. Remember that some cables such as service cables may not be shown on the plans. Cables owned by other companies are not shown, e.g. local authorities, Department of the Environment, National Grid Co. etc.
- Do** Make sure that you understand the plans that have been supplied to you. For detailed explanation of the symbols used by Scottish & Southern Electricity Networks refer to this guide & the key shown on the plan
- Do** Use a cable avoidance tool (CAT) to determine the position of the existing cables in the work area. The positions should be clearly marked, and further tests made as work proceeds. **If in doubt, get advice from your supervisor.**
- Do** Hand dig trial holes over the indicated route of the cable, excavate alongside.
- Do** Ask for a cable to be made dead if it is buried in concrete. Please note that this is likely to be a costly process.
- Do** Watch for signs of cables as work progresses, such as marker tapes or cable covers which may be exposed.
- Do** Backfill carefully using stone free soil around cables, replacing marker tapes and covers.

- Do** Ensure that there is maximum clearance above all cable & joints.
- Do** Notify Scottish & Southern Electricity Networks immediately should accidental damage to cables occur however large or small. Arrange to keep people well clear of the cable that has been damaged. Do not backfill an area where cable damage has occurred.

DON'T'S

- Don't** Operate a bulldozer, scraper, dragline or excavator unless you are satisfied that there are no buried cables or overhead lines in the working area.
- Don't** Use picks, forks or pointed instruments in soft clay or soil where cables are present, exercise extreme caution where such instruments are used to free lumps of stone or to break up firmly compacted ground.
- Don't** Use exposed cables as a convenient step or handhold.
- Don't** Handle or attempt to alter the position of any cable.

REMEMBER THAT A DAMAGED CABLE MAY CAUSE EXTENSIVE LOSS OF SUPPLIES, MAKE EXPENSIVE REPAIRS NECESSARY AND CAUSE SERIOUS OR EVEN FATAL INJURY.

IF IN DOUBT ASK SCOTTISH & SOUTHERN ELECTRICITY NETWORKS

1. Overhead Line – These can be either High Voltage or Low Voltage, colour denotes voltage.
2. Poles.
3. Pole Mounted Transformer.

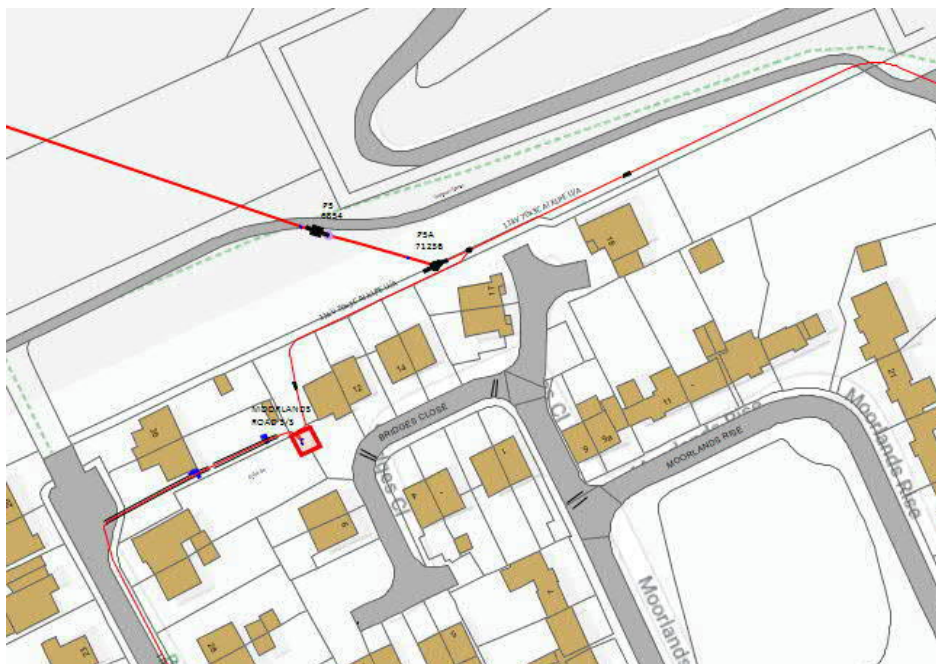
B) Typical example of Low Voltage cable records:



1. Sub Station
2. Low Voltage Underground cable.
3. Link Boxes: This is a box with a manhole cover marked as belonging to Scottish & Southern Energy containing links. Either two or four cables will lead away from a link box.
4. Straight Joint: This is where two separate cables are joined together.
5. Breech Joint: This is where another cable is attached to the main.
6. Pot End: This is the end of the cable. In certain circumstances service cables to properties can be taken from the pot end. These services may not be shown on the plans.
7. Road crossing duct where a cable is routed under a path or road.
8. Cable terminations/Pole Box: Where underground cables are connected to overhead lines
9. Overhead line.
10. Street Lamps.

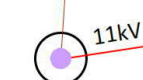
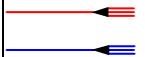
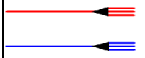
11. Services to properties: The service cable to an individual property are not always shown on the mains records that Scottish & Southern Electricity Networks supply. In some cases, a service can be looped from an adjacent property.

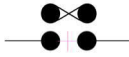
C) Typical example of High Voltage cable record.



1. Sub Station
2. High Voltage Underground cable – Colour denotes voltage.
3. Straight Joint: This is where two separate cables are joined together.
4. Breech Joint: This is where another cable is attached to the main.
5. Cable terminations/Pole Box: Where underground cables are connected to overhead lines
6. Overhead Switch.

GIS ELECTRIC SYMBOLS

Service cable		Single Poles	
LV Mains		H Poles	
LV Mains and Services (Split Phase)		3 Poles	
2-3.3kV		Tower	
6.6kV		Pole Mounted Transformer	
11kV		Circuit Breaker	
22kV		Switch Disconnect/ OH Air Break	
33kV		Pole Box	
66kV		Straight Joint	
132kV		Mains Breech Joint (Tee)	
275kV		Service Breech Joint	
320 kV		Trifurcating Joint	
400kV		Pot End	
Fibre Optic		Capped End	
Pilot Cable		Sealing End	

Assumed Route		Surge Diverters	
Out of Service		Pillar	
Service Connector Joint		Substation	
Overhead Connector		Non Electrical Item	
Wall Box Joint		Street Furniture	
Flying Stay		LV Link Box	
Stay		LV Supply Point	
PME Earth		Oil Pipeline	
Neutral Earth		Gas Pipeline	
Ducting		Areas of Outstanding Natural Beauty	
Pit		National Park	
Embedded Network		Borehole	
Other Network		ASLs	
Water Extraction Point		Sensitive Waterway	



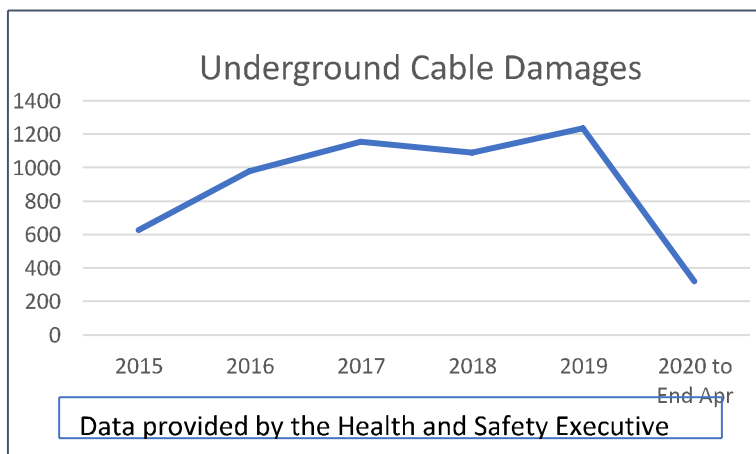
Source Protection Zone		Site of Special Scientific Interest (SSSI)	
Vulnerability Zone		National Nature Reserve (NNR)	
Access		RAMSAR Special Area of Conservation (SAC)	
Ownership		Special Protection Area (SPA)	
Monuments		Ancient Woodland	
Flood Area		Restricted Access	

‘Watch Out, Cables About!’

During the COVID-19 pandemic, construction work and projects across the UK have experienced a period of downtime, affecting the amount of excavation work undertaken. As a result, energy network companies have experienced a welcome reduction in third-party damages to their buried apparatus. In reality, this reduction in damage to underground cables, gas pipelines and other utility equipment, means a reduction in the risk of harm to those involved in the damage.

As lockdown restrictions begin to ease across the UK and work levels increase, it's essential that excavation teams remember the basic safety precautions necessary to ensure they stay safe.

When you are carrying out any excavations or work that involves breaking ground, **be aware of what is buried in the ground before you start. Work out how you are going to locate utility equipment and avoid the risk of damaging it.**



Follow the advice in Health and Safety Executive (HSE) [Guidance HSG47 'Avoiding danger from underground services'](#) and ENA's '[Watch Out, Cables About](#)' Safety advice leaflet. Complete your risk assessment before starting work and share the details of this with everyone involved in the work. Further guidance and advice is available via the Utility Strike Avoidance web site: <https://www.utilitystrikeavoidancegroup.org>

- Be aware of the location of underground utility equipment before digging or excavating.
- Request location details and plans from Utility Companies well in advance of work starting. Remember that these are a guide only – you are responsible for confirming the exact location of all equipment and avoiding damage.
- Use a cable avoidance tool to identify the presence of buried cables before you start to dig. Rescan the area as your work progresses. Hand Dig — use safe digging techniques to dig trial holes to establish the line and depth of underground utility equipment.
- Always assume underground cables are Live. If they appear to be damaged do not approach them and contact the Network Operator using 105 for GB (or 03457 643 643 in Northern Ireland). Take care when lowering the ground levels as there may be underground cables in the area.
- If you damage an underground cable, vacate the excavation immediately, phone your electricity network operator's emergency number and keep everybody clear.

In an emergency dial **999** and tell them electricity is involved. Call 105 for GB (or 03457 643 643 in Northern Ireland) if you have a safety concern related to the electricity network or if you spot damage to overhead power lines, underground cables and substations that could put you, or someone else, in danger. If you are in any doubt about whether an underground cable or other piece of equipment is safe, always assume it is live, keep away from it and contact your local electricity network operator.

Plan your work safely and help us to keep Britain's energy flowing.

To find the local electricity network operator, search 'electricity distribution map' on the ENA website at www.energynetworks.org.

Our Ref: 21733137 Your Ref: LM 94628/HaK

Thursday, 01 April 2021

Christina Elliott
500 Park Avenue Aztec West
Almondsbury
Bristol
BS32 4RZ



Dear Christina Elliott

Thank you for your enquiry dated Thursday, 01 April 2021

Please find an extract from our mains records for your proposed work area, any SGN assets are described in the map legend. **On some occasions blank maps may be sent to you, this is due to your proposed work being in a no gas area but within our operational boundaries.**

This mains record only shows the pipes owned by SGN in our role as a Licensed Gas Transporter (GT). Please note that privately owned gas pipes or pipes owned by other GTs may be present in this area and information regarding those pipes needs to be requested from the owners. If we know of any other pipes in the area we will note them on the plans as a shaded area and/or a series of x's.

The information shown on this plan is given without obligation or warranty and the accuracy cannot be guaranteed. Service pipes, valves, siphons, stub connections etc. are not shown but their presence should be anticipated. Your attention is drawn to the information and disclaimer on these plans. The information included on the plan is only valid for 28 days.

On the mains record you may see the low/medium/intermediate pressure gas main near your site. There should be no mechanical excavations taking place above or within 0.5m of a low/medium pressure system or above or within 3.0m of an intermediate pressure system. You should, where required confirm the position using hand dug trial holes.

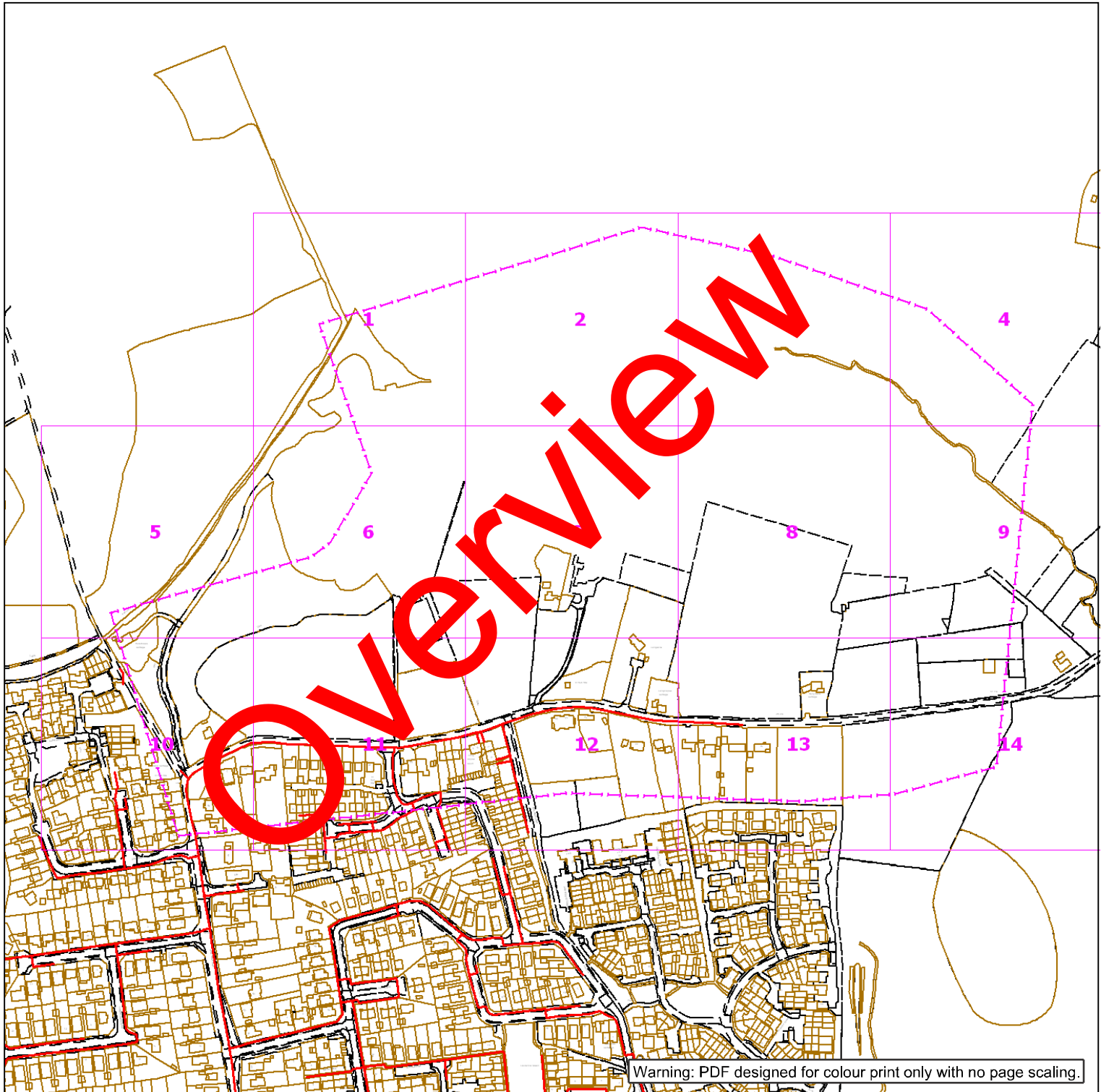
A colour copy of these plans and the gas safety advice booklet enclosed should be passed to the senior person on site in order to prevent damage to our plant and potential direct or consequential costs to your organisation.

Safe digging practices in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services" must be used to verify and establish the actual position of the mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all relevant people (direct labour or contractors) working for you on or near gas pipes.

It must be stressed that both direct and consequential damage to gas plant can be dangerous for your employees and the general public and repairs to any such damage will incur a charge to you or the organisation carrying out work on your behalf. Your works should be carried out in such a manner that we are able to gain access to our apparatus throughout the duration of your operations.

If you require any further information please do not hesitate to contact us.

Yours sincerely,
The Safety Admin Team
For more information, visit our Dig Safely pages on sgn.co.uk
Tel: 0800 912 1722



Contact Us

SGN Safety Admin Team:
0800 912 1722
Email:
plantlocation@sgn.co.uk

Low Pressure Mains

Medium Pressure Mains

Intermediate Pressure Mains

High Pressure Mains

Some Examples Of Plant Items

Valve

Syphon

Depth of Cover

Digsite:

Line:

Area:

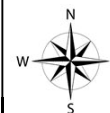
Las

GTs

SSSIs

Diameter Change

Material Change



This information is given as a guide only and its accuracy cannot be guaranteed.

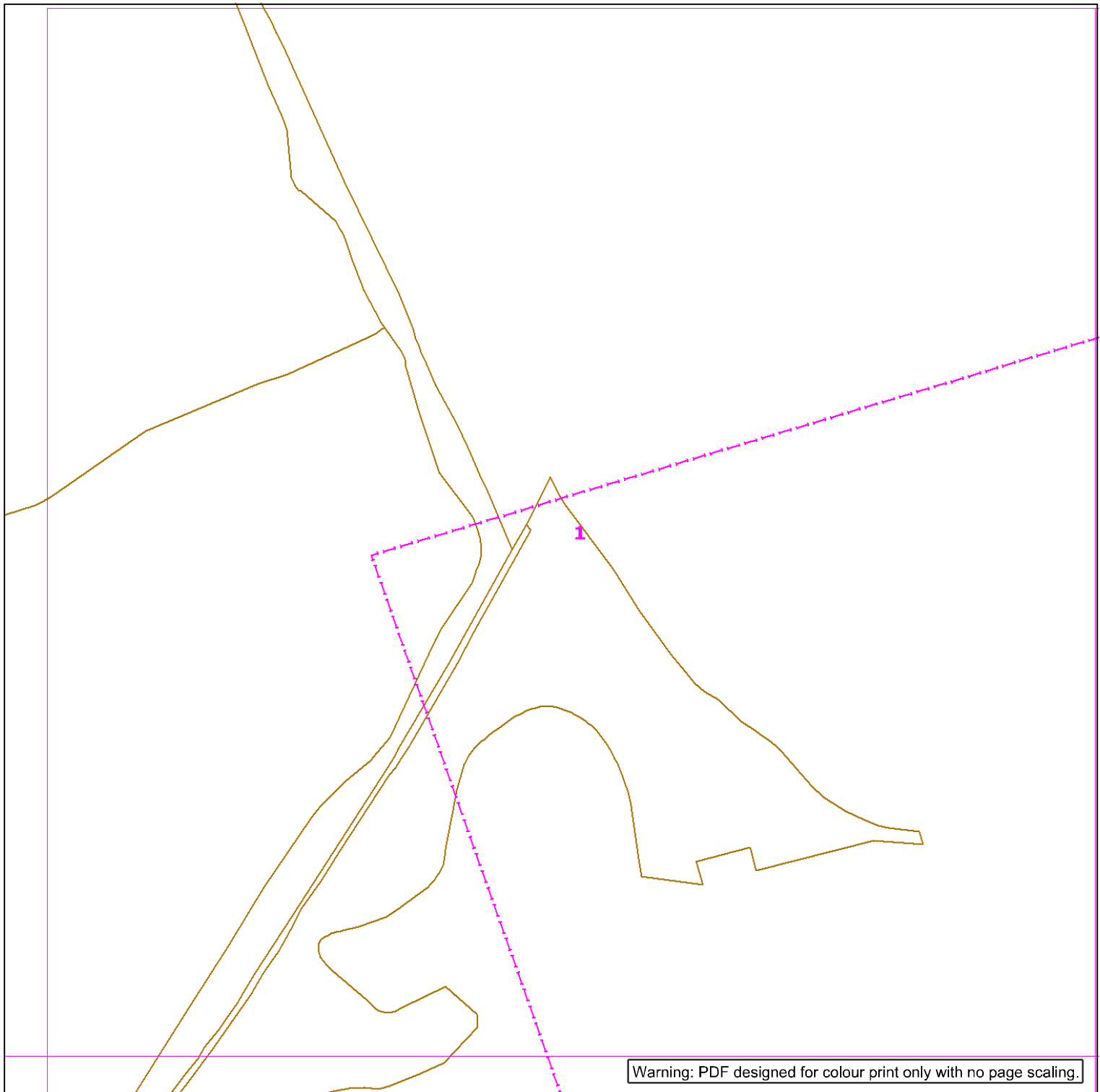


This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Southern Gas – 100044373 and Scotland Gas – 100044366.

Plans generated by DigSAFE Pro (tm) software provided by LineasearchbeforeUdig



Warning: PDF designed for colour print only with no page scaling.



Contact Us

SGN Safety Admin Team:
0800 912 1722
Email:
plantlocation@sgn.co.uk

Low Pressure Mains

Medium Pressure Mains

Intermediate Pressure Mains

High Pressure Mains

Some Examples Of Plant Items

Valve



Syphon



Depth of Cover



Digsite:

Line:

Area:

LAs

GTs



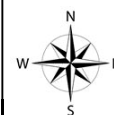
SSSIs



Diameter Change



Material Change



This information is given as a guide only and its accuracy cannot be guaranteed.



This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 474959 108065
Requested by:
Ms Christina Elliott
Your Scheme/Reference:
LM 94628/HaK

Exact Scales:
1:1000 Area or Circle dig site
1:1000 Line dig site

This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Southern Gas – 100044373 and Scotland Gas – 100044366.

Plans generated by DigSAFE Pro (tm) software provided by LinesearchbeforeUdig

Warning: PDF designed for colour print only with no page scaling.

**Contact Us**

SGN Safety Admin Team:
0800 912 1722
Email:
plantlocation@sgn.co.uk

Low Pressure Mains

Medium Pressure Mains

Intermediate Pressure Mains

High Pressure Mains

Some Examples Of Plant Items

Valve



Syphon



Depth of Cover



Diameter Change



Material Change



Digsite:

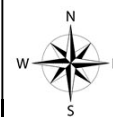
Line:

Area:

LAs

GTs

SSSIs



This information is given as a guide only and its accuracy cannot be guaranteed.



This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

Date Requested: 01/04/2021
Job Reference: 21733137
Site Location: 474959 108065
Requested by:
Ms Christina Elliott
Your Scheme/Reference:
LM 94628/HaK

Exact Scales:
1:1000 Area or Circle dig site
1:1000 Line dig site

This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Southern Gas – 100044373 and Scotland Gas – 100044366.

Plans generated by DigSAFE Pro (tm) software provided by LineasearchbeforeUdig