

	180300E	TOPOGRAPHIC LEGEND Barrier (symbol - sized) Barrier (symbol) Barrier (symbol) DPO Post (symbol)
	32740N	Sign Post (symbol) Sp Sign Post (symbol) ○SP Sign Post (symbol) Spot Light (symbol) □CTV Cable TV Box (symbol) 50.00 + Spot Height ● CCTV Camera (symbol) □SC Stop Cock (symbol)
		CL 50.00 Cover Level in metres DSV Stop Valve (symbol) Direction of Flow (Drainage) A Survey Station (symbol) DB Distribution Board (symbol) TP Telephone Pole (symbol) ER Earth Rod (symbol) B Traffic Bollard (symbol)
		EC Electric Cabinet (sized) Tree (dimensions in metres - e.g.) EP Electric Pole (symbol) Dia: 0.3 Spr. 7.5 Diameter at 1mh: (bole) Spr. 7.5
-(N)-		FP Feeder Pillar (sized) TL Traffic Light (symbol) FFH Fire Hydrant (sized) TL Urknown Valve (symbol) ●FP Flag Pole (symbol) UV Unknown Valve (symbol)
		FL Flood Light (symbol) CV Gas Valve (symbol) Gate WM Wall Wall Wall Wall Counter Gate WM Water Meter (symbol) Water Meter (symbol)
		□GU Gulley (sized) □WV Water Valve (symbol) □IC Inspection Cover (sized) Building Canopy IL 50.00 Invert Level in metres Crash Barrier
•		JB COM Junction Box - Comms (sized)
		ELB Light Bollard (symbol) Fence Elight in ground (symbol) Heras Fence MH Manhole (sized)
		PL 50.00 Parapet Level (m)OHSOVerhead Service Line Ø 100 Pipe Diameter (mm)Pedestrian Railing
		UTILITY LEGEND UTILITY LINETYPES UTILITY LINETYPES Gas Gas Gas Heating Pipes
	32730N	Closed Circuit Television HV Cables HV Cables Communications HV Cables Multiple Services Route Oil Drainage Our Drainage Ovygen
		Drainage - Foul Water Drainage - Foul Water Drainage - Storm Water Traffic Signal Loop Empty Duct Empty Duct Unknown found by GPR Electric Unknown
		Fire Hydrant Main Fire - Unknown Cable Fibre Optic Fibre Opt
		Assumed Service Roller - See GENERAL NOTESABR-woodBBR-woodBBR-wo
		SVY AREA Contracted Survey Area UTL Unable to Survey Unable to Iff (cover) ■ PREVIOUS Previous Survey Area II⊐ Unable to Trace ■ GPR Survey ■ Post processed GPR Area II□ Unable to Trace (due to blockage) ● GOPR Survey Post processed GPR Area II□ Unable to Trace further
		(0.650 B2P) 0.65d = Depth in metres, B2 = Quality Level, P = Post processed GPR
		GENERAL NOTES Irrespective of the information provided by a utility survey and statutory plans,
		excavation work should be undertaken with extreme caution and in accordance with HSE Guidelines - HSG47 Avoiding Danger from Underground Services Only sub-surface utility information is provided. Above ground utility information may be shown
		where it assists with positional referencing. Utilities may continue outside of the survey area. Any paint marks outside of the area are for investigative purposes only and may not represent the full extent of the sub-surface utilities.
		Where logic indicates a utility exists but which cannot be positively confirmed with the technology, an assumed route (ASR) is recorded. All assumed service routes (ASR) have been highlighted with a background yellow colour for visual enhancement.
	32720N	Sewer and manhole details shown on this drawing have been obtained by observation and measurement from the surface and as such cannot be guaranteed
		Vertical & Horizontal Position - Vertical position (depth) is indicative to the top of the utility/feature and is recorded as $(x.xxd)$ i.e. $(1.25d)$ - (depth to top of service) and should not be taken as exact, as this could be the surround to the service rather than the service itself. Where depth information from the technology is unclear, depth is not shown. Drains and
		pipes/ducts may have been detected using threading and the depth indicated could be between the top (soffit) and the bottom (invert). Horizontal position is indicative to the centre of the utility/feature and should not be taken as exact.
		Warranty - Biodegradable paints are used to mark-out the position of the utilities. Markings may become illegible quickly depending on ground, weather and traffic conditions. No warranty is given in respect of the durability of the paint markings and that they are a complete representation of the sub-surface utilities, therefore, this drawing should be used as the
		primary reference for the survey results. This drawing does not provide an absolute representation of the sub-surface. Utilities have been detected using non-invasive technologies only and the performance can be adversely
		affected by ground, weather and site conditions outside of SUMO's control, therefore, some utilities may be undetectable. While SUMO uses reasonable endeavours to detect all utilities, it does not warrant that 100% detection will be achieved and that approximate depth penetration of the technologies SUMO uses will not be greater than two metres.
		SHEET LAYOUT
	32710N	Sheet 01
		Rev Notes Drawn Date Notes:
	32700N	Survey is referenced to OS Grid and Level Datum.
		CIIIMA SUMO SERVICES Ltd
		SUMO SERVICES LTD 8 HAYWARD BUSINESS CENTRE NEW LANE HAVANT
		SULVOV Sorvicos TEL: 0845 456 1104
		Title:
		Topographical Survey
		Client: Falmouth Town Council
	I	Project: The Lodge, Kimberley Park Road, Falmouth
	32690N	Date Completed: 02/11/2023 Post Code: TR11 2DA
		Surveyed: TB, LG, CR Scale:
		Checked: TB, LG, CR
	180	Dwg No: Job No: Rev:
	80300E	SUMO-14182-1



	180300E	TOPOGRAPHIC LEGEND Barrier (symbol - sized) Pipe into Ground (symbol)
		●BB Belisha Beacon (symbol) ○PO Post (symbol) ●B Bollard (symbol) ●RWP Rain Water Pipe (symbol) ◆ Borehole (symbol) ○RS Road Sign (symbol) □ BTIC British Telecoms IC (sized) ◇RE Rodding Eye (symbol)
		Britsh relections to (sized) Nature Relection (symbol) Building (incomplete detail) Sp Stapling (symbol) Sp Sign Post (symbol) Sp Spot Light (symbol)
	32740N	□ CTV Cable TV Box (symbol) 50.00 + Spot Height CCTV Camera (symbol) □ SC Stop Cock (symbol) CL 50.00 Cover Level in metres □ SV Stop Valve (symbol)
		Direction of Flow (Drainage) Survey Station (symbol) DB Distribution Board (symbol) • TP Telephone Pole (symbol) ER Earth Rod (symbol) • B Traffic Bollard (symbol) EC Electric Cabinet (sized) • Tree (dimensions in metres - e.g.)
		EP Electric Pole (symbol) Dia: 0.3 Diameter at 1mh: (bole) ES Electric Sign (symbol) Sp: 7.5 Spread: Embankment Slope (symbol) Ht: 10.2 Height: Maple Species:
-(N)-		□ FP Feeder Pillar (sized) ■ TL Traffic Light (symbol) □ FH Fire Hydrant (sized) ■ TL Traffic Light (symbol) ● FP Flag Pole (symbol) □ UV Unknown Valve (symbol) ● FL Flood Light (symbol) ● VP Vent Pipe (symbol)
		GV Gas Valve (symbol) Wall Single 0xdet Gate GL 50.00 Ground Level in metres WM
		□GU Gulley (sized) □WV Water Valve (symbol) □IC Inspection Cover (sized) Building Canopy IL 50.00 Invert Level in metres Crash Barrier
		JB BT Junction Box - BT (sized) Drainage Channel Drainage Channel JB COM Junction Box - Comms (sized) Drop Kerb (level in metres) JB Junction Box - Elec (sized)
		Light Bollard (symbol) Light Bollard (symbol) LiG Light in ground (symbol) MH Manhole (sized) 50.00 Kerb channel (m)
		☐ Manhole Capped Port Kets top (m) PL 50.00 Parapet Level (m) Overhead Service Line Ø 100 Pipe Diameter (mm) Place
		UTILITY LEGEND UTILITY LINETYPES
		metrometrometrometrometrometrometrometro
	32730N	Drainage Oil Oil
		Drainage - Storm Water Traffic Signal Loop Empty Duct Encyt Duct Unknown found by GPR Unknown Electric Fire Hydrant Main Unknown Unknown Cable
		Fibre Optic Fibre Optic Fibre Optic Fuel Fuel Summed Service Route - See GENERAL NOTES Main-xxx Main-xx Main
		UTILITY SURVEY INFORMATION Area of Concern UTS Unable to Survey
		SVY AREA Contracted Survey Area UTL Unable to Lift (cover) PREVIOUS Previous Survey Area IID Unable to Trace GRP Survey Post processed GPR Area IID Unable to Trace (due to blockage) (0.60d) Depth to Top of Service (m) IIL Unable to Trace Further
		ABREVIATIONS used on a PAS 128 Survey (0.65d B2P) 0.65d = Depth in metres, B2 = Quality Level, P = Post processed GPR
		GENERAL NOTES
		Irrespective of the information provided by a utility survey and statutory plans, excavation work should be undertaken with extreme caution and in accordance with HSE Guidelines - HSG47 Avoiding Danger from Underground Services
		Only sub-surface utility information is provided. Above ground utility information may be shown where it assists with positional referencing.
		Utilities may continue outside of the survey area. Any paint marks outside of the area are for investigative purposes only and may not represent the full extent of the sub-surface utilities. Where logic indicates a utility exists but which cannot be positively confirmed with the
		technology, an assumed route (ASR) is recorded. All assumed service routes (ASR) have been highlighted with a background yellow colour for visual enhancement.
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		utility/feature and is recorded as (x.xxd) i.e. (1.25d) - (depth to top of service) and should not be taken as exact, as this could be the surround to the service rather than the service itself. Where depth information from the technology is unclear, depth is not shown. Drains and
		pipes/ducts may have been detected using threading and the depth indicated could be between the top (soffit) and the bottom (invert). Horizontal position is indicative to the centre of the utility/feature and should not be taken as exact.
		Warranty - Biodegradable paints are used to mark-out the position of the utilities. Markings may become illegible quickly depending on ground, weather and traffic conditions. No warranty is given in respect of the durability of the paint markings and that they are a complete
		representation of the sub-surface utilities, therefore, this drawing should be used as the primary reference for the survey results. This drawing does not provide an absolute representation of the sub-surface. Utilities have
		been detected using non-invasive technologies only and the performance can be adversely affected by ground, weather and site conditions outside of SUMO's control, therefore, some utilities may be undetectable. While SUMO uses reasonable endeavours to detect all utilities, it
		does not warrant that 100% detection will be achieved and that approximate depth penetration of the technologies SUMO uses will not be greater than two metres.
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		SHEET LAYOUT Sheet 01 Sheet 01 Sheet 01 Sheet 01 Notes Drawn Date Notes: Survey is referenced to SS Grid and Level Datum. Survey is referenced to SS Grid and Level Datum. Survey is referenced to SS Grid and Level Datum. Survey is referenced to SS Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Survey is referenced to S Grid and Level Datum. Title: Level S Ads 100 WW.Survey Survey Sorvey Sorve
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	32700N	SHEET LAYOUT Sheet 01 Sheet 01 Rev Notes Survey is referenced to OS Grid and Level Datum. Survey is referenced to OS Grid and Level Datum. Survey is referenced to OS Grid and Level Datum. Title: Utility Mark Out & Mapping Utility Mark Out & Mapping The Lodge, Kimberley Park Road, Falmouth Project: Talmouth Town Council Project: The Lodge, Kimberley Park Road, Falmouth Date Completed: 02/11/2023 Post Code: TR112DA