

Existing Utilities Infrastructure Existing School Site

RYBKA

Re-use of the existing school site for the New Mull Education Campus benefits from having existing Utilities infrastructure connectivity supporting the function of the existing school.

Whilst existing connections exist, further engagement will be necessary with Utilities companies in respect of any anticipated increased capacities, particularly in relation to electrical infrastructure.

We are advised that the existing school has an authorised capacity of 31kVA but that should be nearer 230kVA. Argyle and Bute Council are in the process of requesting an uplift in authorised capacity to reflect the current maximum demand.

From the record information we can establish that utilities infrastructure is not present across the area proposed for the new school.

There is however a strategy to be developed to maintain utilities to the existing school whilst the new school is constructed. It is anticipated that within that strategy existing Utilities diversions/ protection will be necessary that will affect Electricity, Water and Communications Infrastructure.

Please refer to Appendix A for Utilities Infrastructure Record Drawings.

Summary of Utilities within the vicinity of the site:

Scottish & Southern Energy:

A 500kVA sub station is positioned within the existing school site with good potential for retaining the location within the development proposals. HV/LV cable routes enter/ leave the site from the route of the existing access road with a further LV supply extending beyond the southern boundary.

It appears that the sub station within the school site provides supplies for other SSE customers beyond the site boundary.

Scottish Gas Networks:

No SGN infrastructure in vicinity of site.

Scottish Water:

The existing school is served from a Scottish Water supply close to the access road into the existing site.

Reasonable infrastructure exists around the perimeter of the site that includes a 180mm MDPE length of pipework at the southern boundary that may be capable of supporting flow rates for fire fighting purposes.

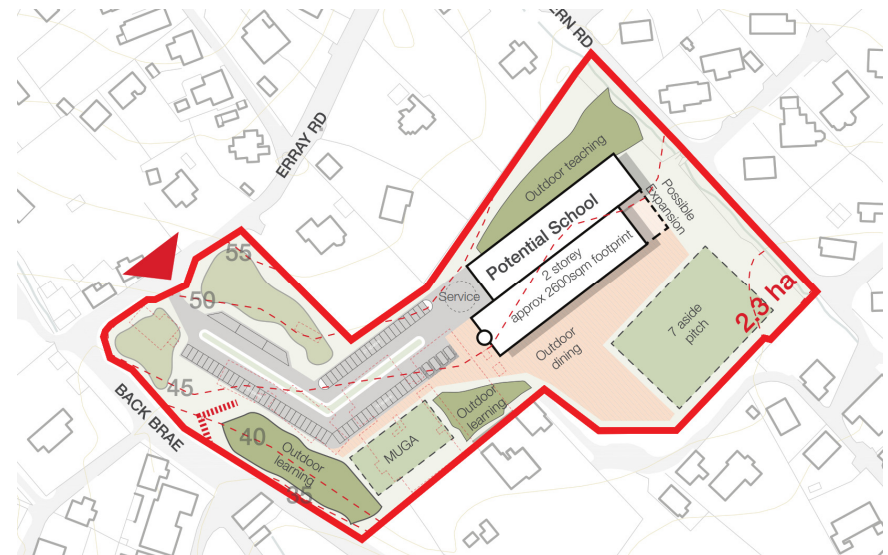
The existing water main and associated connections on site will be retained to serve the existing school during construction stages. A new connection will be necessary to serve the new school and likely to involve a significant run of pipework an appropriate connection point.

Communications – BT:

There is good provision of BT Infrastructure around the perimeter of the site with potential connectivity to the new school from existing joint boxes on the north, west and southern boundary to the site.



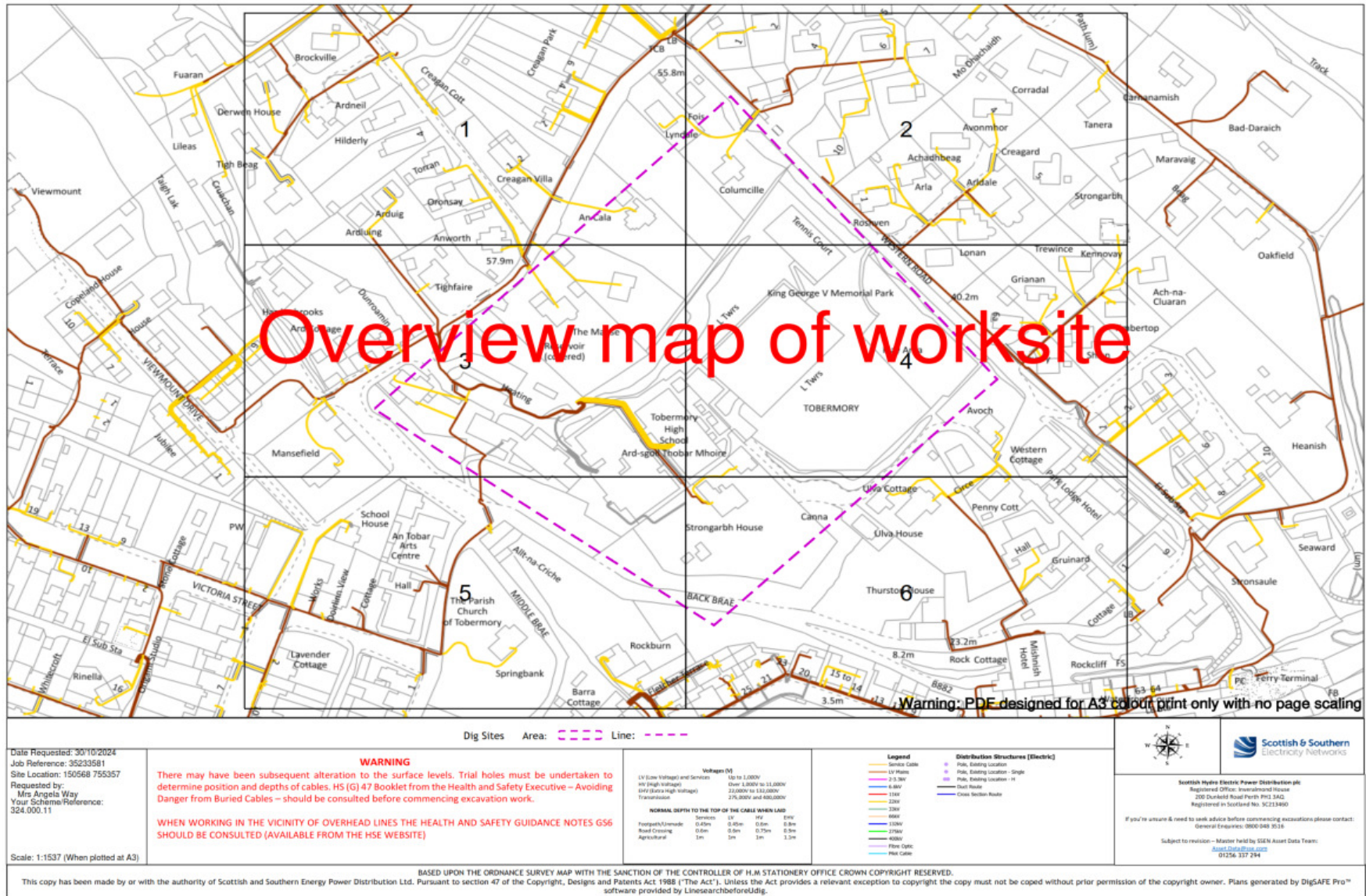
Existing School Site



Proposed School Site

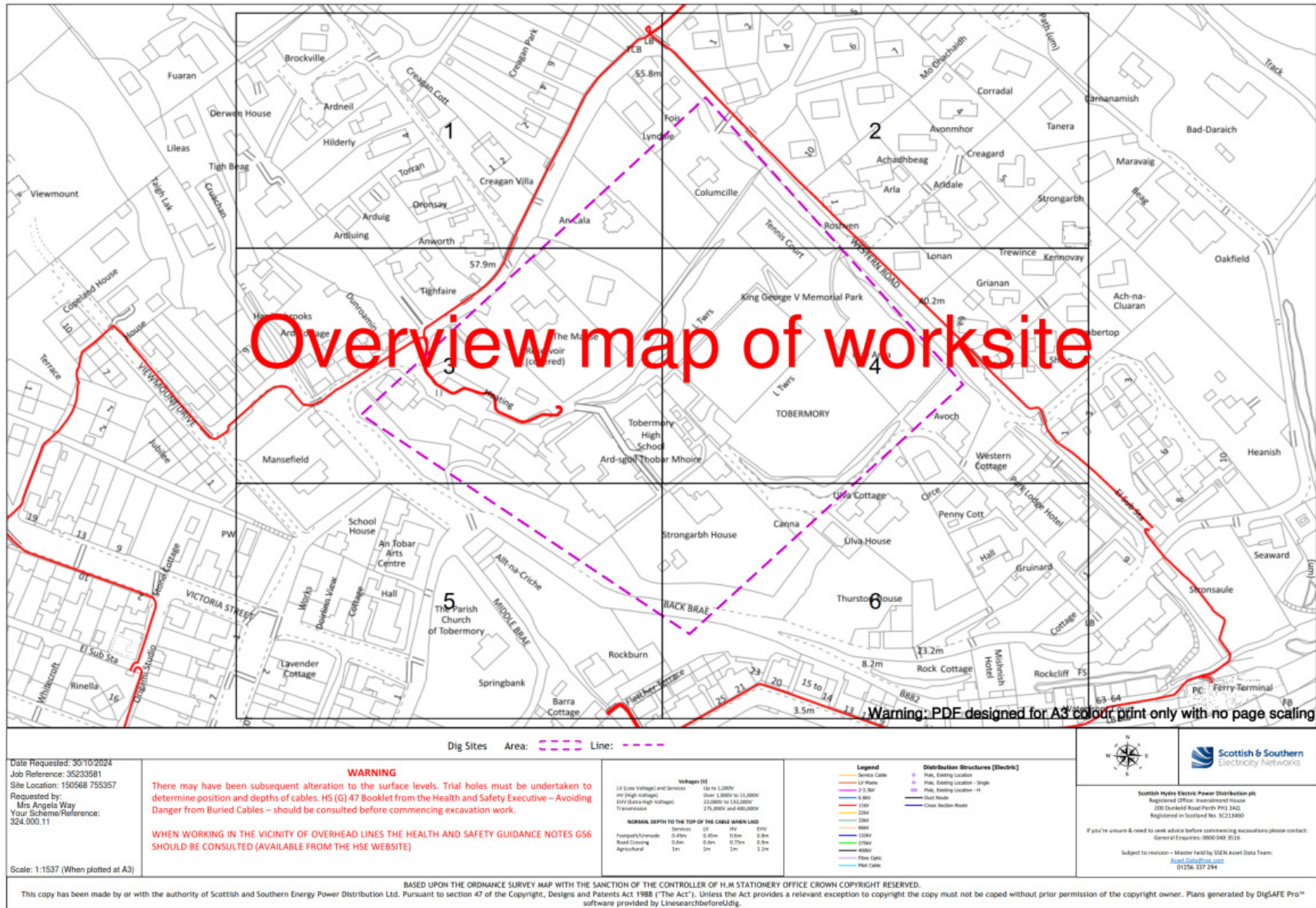
Appendix A

Existing School Site: Utilities Record Drawings



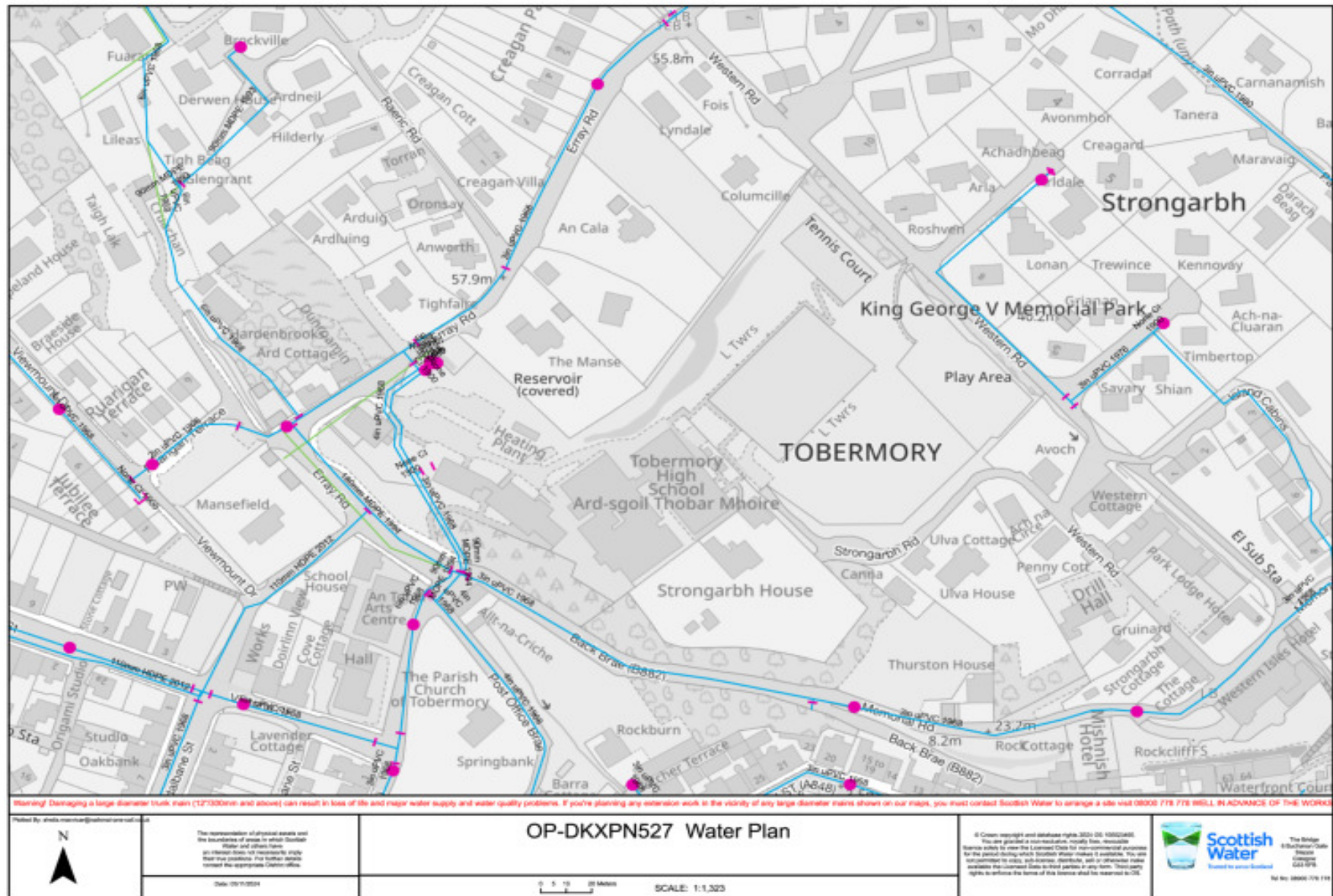
Appendix A

Existing School Site: Utilities Record Drawings



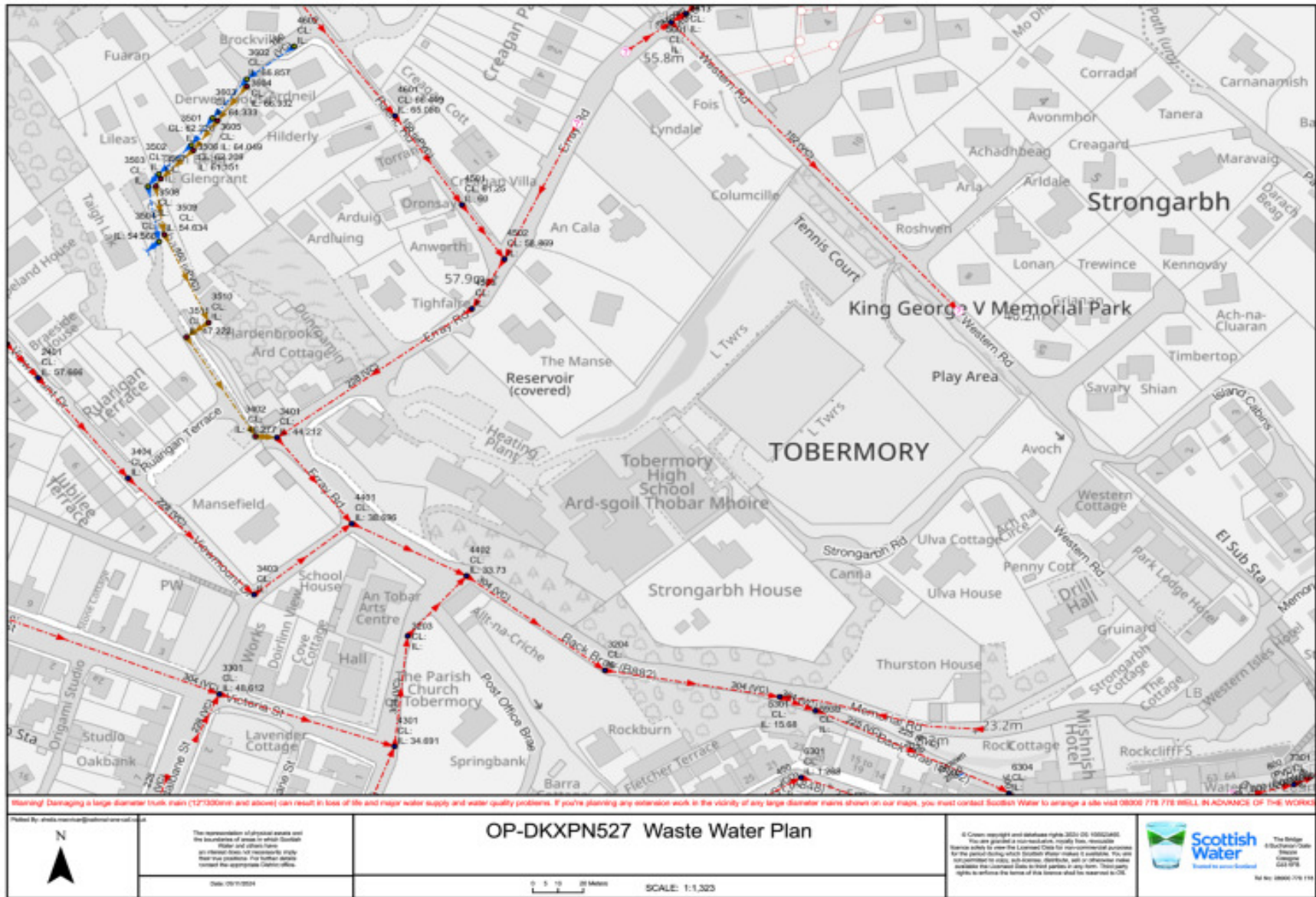
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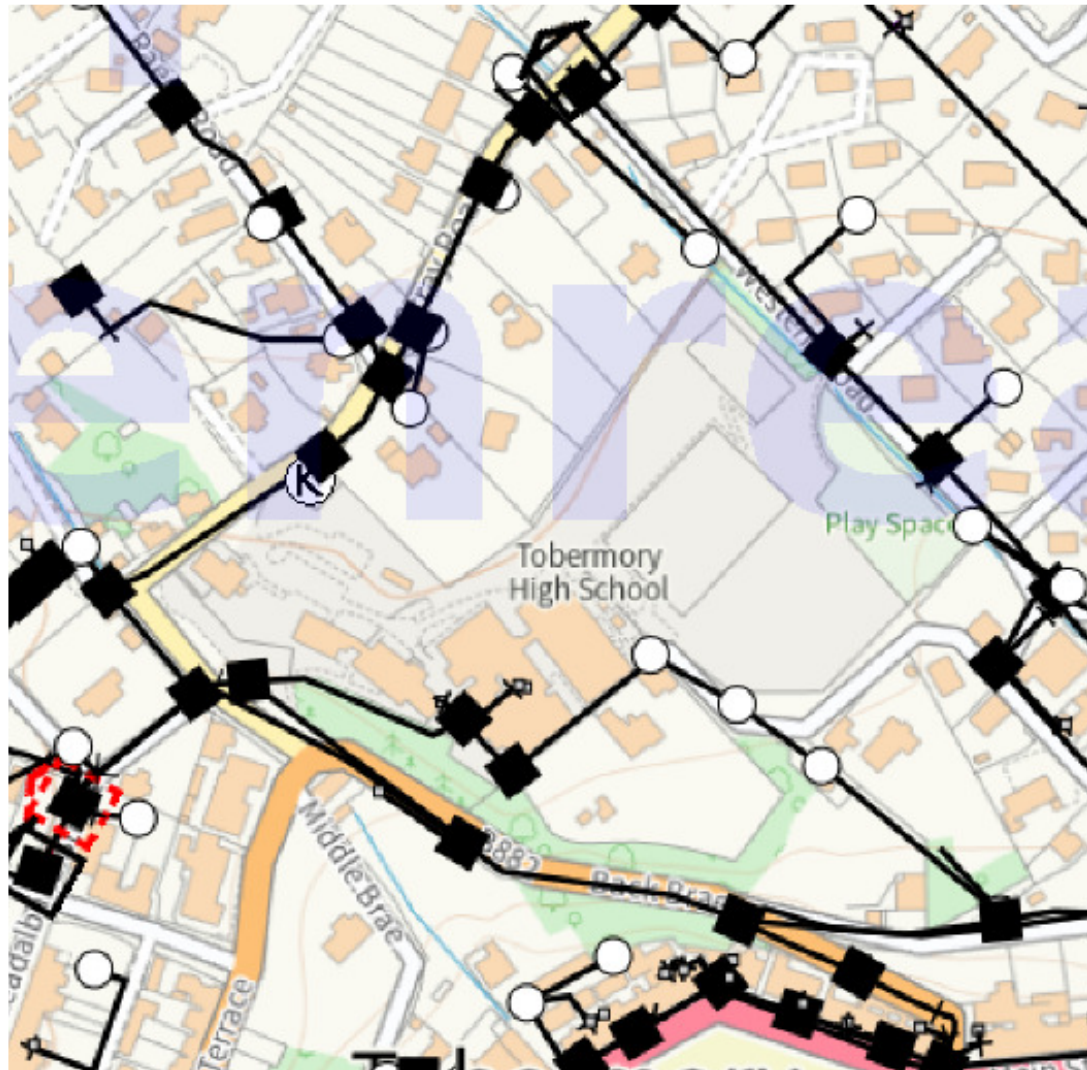
Appendix A




















Existing School Site: Utilities Record Drawings










Appendix A

Existing School Site: Utilities Record Drawings



KEY TO BT SYMBOLS			Change Of State	+	Hatchings	
	Planned	Live	Split Coupling		Built	
PCP			Duct Tee		Planned	
Pole			Building		Inferred	
Box			Kiosk		Duct	
Manhole			<p>Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.</p>			
Cabinet						

	Pending Add	In Place	Pending Remove	Not In Use
Power Cable				
Power Duct				N/A

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