

Ian Meyrick

From: Tom Fildes <tom.fildes@heneb.co.uk>
Sent: 25 July 2023 11:42
To: Ian Meyrick
Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Good morning Ian,

Thank you for sending this across – I understand now.

All fine re. the Glandwr Rd arrangement, especially as you say, there being reduced excavation and much of the ground there having been disturbed. Yes there still needs to be archaeological monitoring for the works to the south.

Kind regards,

Tom

Tom Fildes

Archaeolegydd Rheoli Datblygu - Development Control Archaeologist

Gwasanaeth Cynllunio Archaeolegol Gwynedd - Gwynedd Archaeological Planning Service

Craig Beuno, Ffordd y Garth, Bangor, Gwynedd, LL57 2RT

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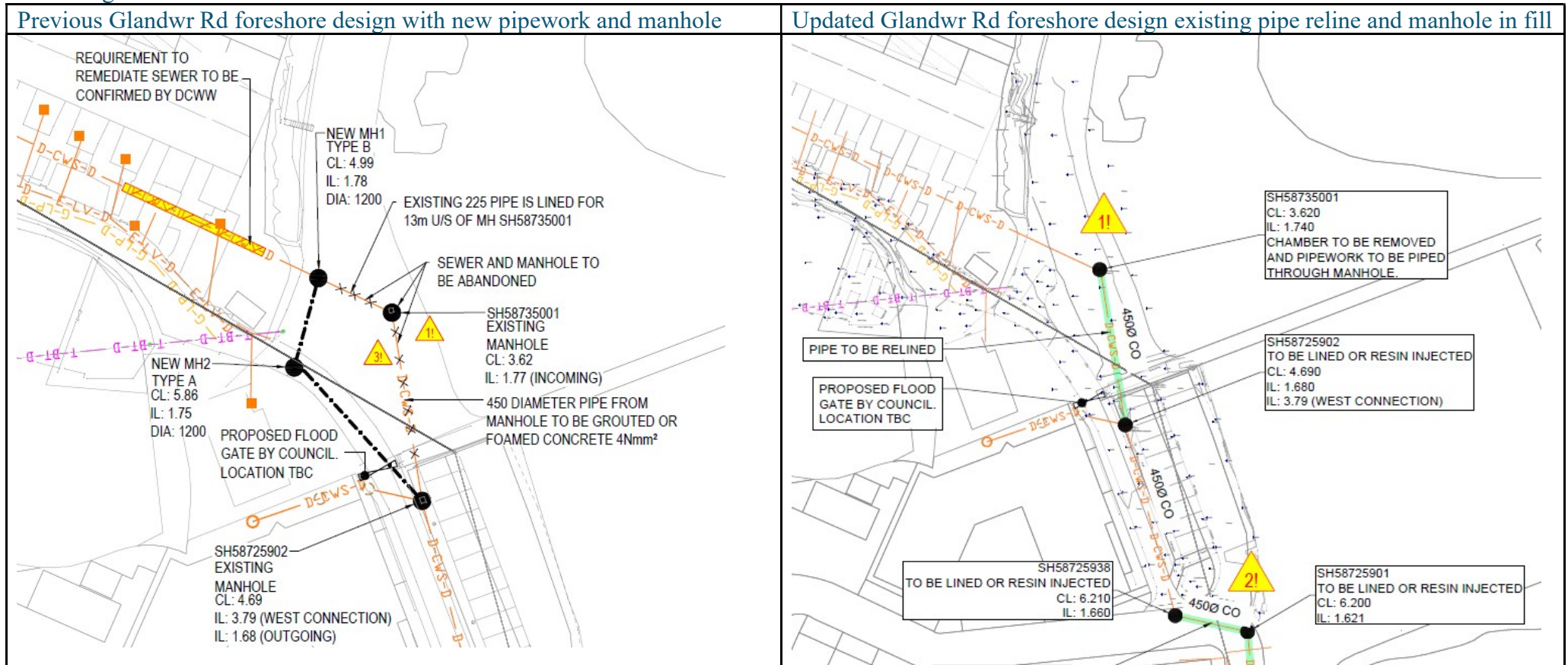


Gwynedd Archaeological
Planning Service

From: Ian Meyrick <Ian.Meyrick@arup.com>
Sent: Monday, July 24, 2023 5:49 PM
To: Tom Fildes <tom.fildes@heneb.co.uk>
Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Hi Tom,

Instead of a new manhole and pipe work on the foreshore (see original design drawing ending CI5000) we are proposing to reline the existing pipework that runs under the foreshore, then modify the manhole chamber to connect the pipe entering and exiting it (drawing ending CI5008). On the plan it says the chamber will be removed, however the precast concrete chamber will remain in situ and the chamber void filled and capped with concrete. So there will be no need to excavate a new trench to lay new pipe work or build a new manhole chamber on the foreshore anymore. No excavation will be required in previously disturbed ground in this area.



So only the Glandwr Road element has changed. The storage tank and new pipe work in and around the playing field will go ahead as previously discussed, and will be monitored by an appropriately qualified heritage specialist as requested.

Happy to have a call to discuss

Kind regards

Ian Meyrick

Consultant | Climate and Sustainability Services
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From: Tom Fildes <tom.fildes@heneb.co.uk>

Sent: Monday, July 24, 2023 10:16 AM

To: Ian Meyrick <ian.Meyrick@arup.com>

Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Good morning Ian,

Thank you for getting in touch regarding these works, and for providing detail on the changes proposed.

I'm struggling to interpret exactly what's altered here due to some email formatting issues between your text and images. Is it just the Glandwr Road element that's changed here, and you're still proposing work on/around the playing field? Or has the whole scheme changed?

If you can send across a full plan of works that would be useful please.

Kind regards,

Tom

Tom Fildes

Archaeolegydd Rheoli Datblygu - Development Control Archaeologist

From: Ian Meyrick <Ian.Meyrick@arup.com>
Sent: Friday, July 21, 2023 3:34 PM
To: Tom Fildes <tom.fildes@heneb.co.uk>
Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Hello Tom

The proposed works near Glandwr Road (NGR:SH 58526 73021) has been changed since we last spoke. We will no longer be installing a new 225mm pipe trench: 32m (length) x 1.1m (width) x 3m (depth). See drawings ending CI5000 and CI5003. Instead we are proposing to modify the existing manhole and pipe that's already in place.

The updated proposed works are to fill in the existing manhole chamber (NGR SH 58530 73020), allowing for a pass through pipe to connect the incoming and outgoing pipe, and reline 20m of downstream pipe (see Figure 1).

The 20m of existing pipe will relined using UV Cured-in-Place-Pipe Lining (CIPP) methods. Access will be gained from the manhole located in the highway 20m south of the foreshore manhole (see Figure 2). No intrusive works or vehicle access to the foreshore will be required for this stage of the works.

Figure 1: Updated proposed works

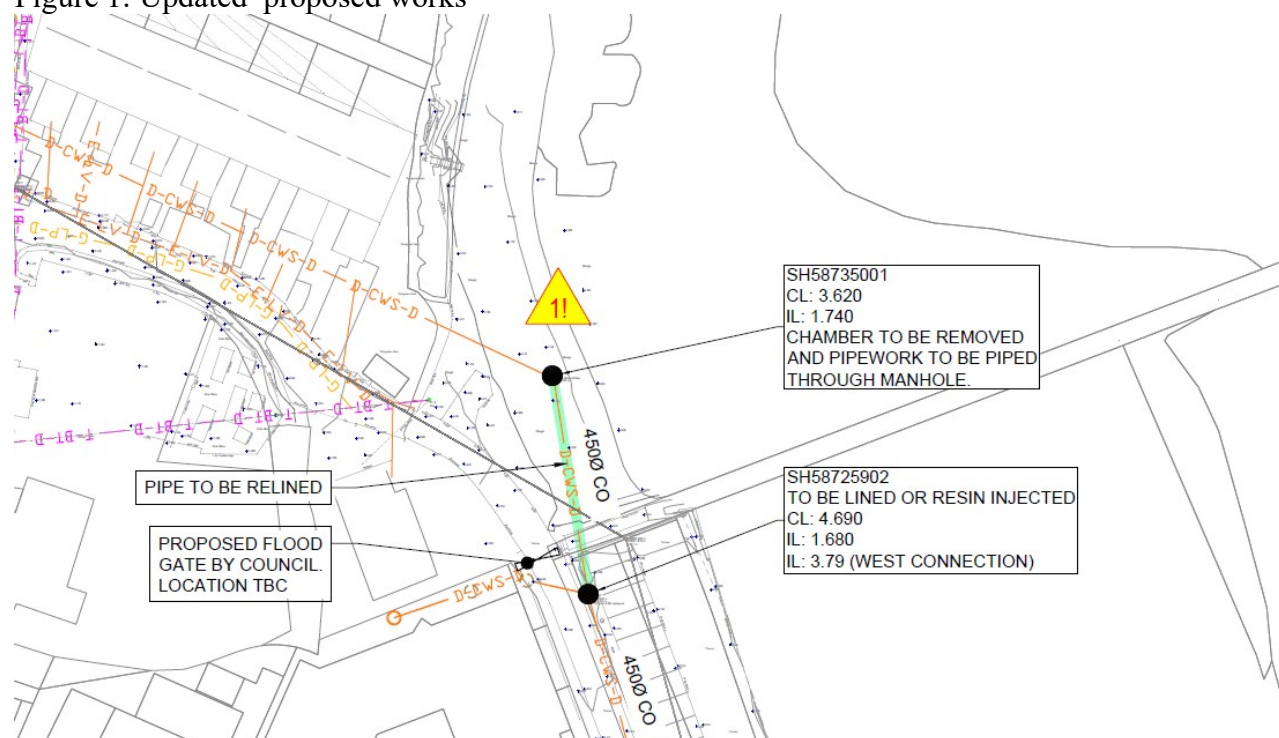


Figure 2: Plan view

The foreshore manhole filling will comprise of removing the metal manhole cover and top brickwork layers down to the concrete chamber. The two ends of existing pipework will be connected to pass through the chamber. The remaining precast chamber will remain in situ and be filled with concrete and covered to blend into the foreshore. These works would require a small 7 tonne excavator, which will use an existing access on to the foreshore (see Figure 2 &3).

No excavation in previously undisturbed ground is required for these works.

I will be submitting a Band 1 Marine Licence application to NRW shortly. I would greatly appreciate updated guidance regarding the works in this area so it can be submitted with the application.

Please feel free to contact me if you require further information.

Many thanks and kind regards

Ian Meyrick

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Figure 3: Side view

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From: Tom Fildes <tom.fildes@heneb.co.uk>

Sent: Wednesday, July 5, 2023 1:05 PM

To: Ian Meyrick <lan.Meyrick@arup.com>

Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Afternoon Ian,

No problem at all. If you need anything else from me please don't hesitate to get in touch.

Kind regards,

Tom

Tom Fildes

Archaeolegydd Rheoli Datblygu - Development Control Archaeologist

Gwasanaeth Cynllunio Archaeolegol Gwynedd - Gwynedd Archaeological Planning Service

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From: Ian Meyrick <ian.Meyrick@arup.com>

Sent: Wednesday, July 5, 2023 11:14 AM

To: Tom Fildes <tom.fildes@heneb.co.uk>

Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Hello Tom,

Thank you for your speedy response. These works are separate from the flood alleviation scheme, but our team are aware and have been communicating with the council to arrange timings of works etc.

I will pass on your monitoring requirements to our contractor partner to ensure a watching brief is in place when construction works take place.

Kind regards

Ian Meyrick

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From: Tom Fildes <tom.fildes@heneb.co.uk>

Sent: Tuesday, July 4, 2023 2:25 PM

To: Ian Meyrick <ian.Meyrick@arup.com>

Subject: RE: Welsh Water storage tank and pipework Bangor - Heritage review request

Importance: High

Good afternoon Ian,

Thank you for getting in touch regarding these upcoming works.

As you may or may not know, there is currently a programme of mitigation underway in this location relating to the Flood Alleviation Scheme – I gather that these proposed works relate to this scheme?

Regardless, the site falls in an area of relatively high potential, between the post medieval and modern occupation of the playing field area (PRN: 93848) and the earlier monastic complex immediately to the south (PRN: 2300). The former includes a military complex in place throughout the latter stages of World War II, the remains of which are not fully understood. The medieval friary is known to be centred slightly further to the south, however its occupying land is thought to expand into the playing field.

As such, and in conjunction with our Memorandum of Understanding, it is necessary for the proposed works here be covered by archaeological monitoring – in this instance a *Watching Brief*, to be conducted on an *intensive* basis on all ground-disturbing works. An appropriate, qualified archaeological contractor should be appointed to undertake the work, a database of which can be found at <https://www.archaeologists.net/civCRM-contact-distance-search> (Chartered Institute for Archaeologists). The appointed archaeological contractor must agree a specification for the work with GAPS before commencing the project.

If you have any queries please don't hesitate to get in touch.

Kind regards,

Tom

Tom Fildes

Archaeolegydd Rheoli Datblygu - Development Control Archaeologist

From: Ian Meyrick <ian.Meyrick@arup.com>
Sent: Monday, July 3, 2023 4:44 PM
To: Jenny Emmett <jenny.emmett@heneb.co.uk>; Tom Fildes <tom.fildes@heneb.co.uk>
Subject: Welsh Water storage tank and pipework Bangor - Heritage review request

Dear Jenny Emmett and Tom Fildes

Welsh Water are proposing to upgrade/retro fit the sewage pumping station (SPS) at NGR:SH 58643 72908 in Bangor, and provide new storage tank (4300m³) and pipework in the adjacent playing field NGR: SH 58623 72849. In addition there will be mandatory interventions to improve and replace the 225mm pipe adjacent to Glandwr Road (NGR:SH 58526 73021) which is affected by tidal ingress.

The approximate excavation dimensions for the scheme are shown below:

Glandwr Road 225mm pipe trench: 32m (length) x 1.1m (width) x 3m (depth). See drawings ending CI5000 and CI5003;
Storage tank: 60m (length) x 22m (width) x 5.5m. See drawings ending CI5001 and CI5002;
Storage tank area pumped pipework: 45m (length) x 1.1m (width) x 5.5m (depth). See drawings ending CI5001 and CI5002;
Storage tank area gravity pipework: 60m (length) x 1.1m (width) x 5m (depth). See drawings ending CI5001 and CI5002;
Storage tank area vent stack pipework: 10m (length) x 1.1m (width) x 1m (depth). See drawings ending CI5001 and CI5002.

The all of the proposed pipework and storage tank fall within Welsh Water's permitted development rights. Only the vent stack will require a planning application to be submitted. I would be grateful if you could review the attached plans and comment

If you require further information please let me know.

Many thanks and kind regards

Ian Meyrick

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