From: Laura Gibbons < laura.gibbons@adur-worthing.gov.uk> on behalf of Laura Gibbons
Sent: 02 September 2022 13:30
To: Peter Barnett
Subject: Fwd: Consultee Comments for Planning Application AWDM/1180/22
Attachments: 21-008D_301-T2 TYP DRAINAGE CONSTRUCTION DETAILS SHEET 1.pdf; 21-008D_303-T2 TYP DRAINAGE CONSTRUCTION DETAILS SHEET 3.pdf; 21-008I_300_26.08.22.pdf

Flag Status: Flagged

Hi Peter,

We recommend discharge of condition 13. Please ensure the following are listed on any approval: - 21-008D_300-T6 Drainage Layout and External Levels - 21-008D_301- T2 TYP Drainage Construction Details Sheet 1 - 21-008D_302-T2 TYP Drainage Construction Details Sheet 2 -21-008D_303-T2 TYP Drainage Construction Details Sheet 3

Kind regards,

Laura Gibbons
Engineer, Facilities & Technical Services
01903 221374
Adur & Worthing Councils
Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA
www.adur-worthing.gov.uk

disability confident EMPLOYER

---------- Forwarded message ---------
From: **Jamie Loxley** <j.loxley@msa-architects.co.uk>
Date: Tue, 30 Aug 2022 at 09:21
Subject: RE: Consultee Comments for Planning Application AWDM/1180/22
To: Laura Gibbons <laura.gibbons@adur-worthing.gov.uk>, Matthew Thomas <m.thomas@msa-architects.co.uk>
Cc: peter.barnett@adur-worthing.gov.uk< peter.barnett@adur-worthing.gov.uk>

Morning Laura,

Please see the response from our drainage engineer below.

1. Please ensure the hydrobrake construction detail drawing is site specific and includes invert and cover level as well as hydrobrake unit reference.
See attached revised drawing 303 including Hydro Brake cover level, invert level and Hydro Brake reference added.

2. The silt trap detail is poor and needs correcting. It is unclear why the incoming pipe is shown to be significantly larger than the outgoing pipe. A standard cover and haunching detail should be applicable to these silt trap manholes. I.e. please include a cover slab, engineering bricks, cover and frame with haunching, etc.
Note the silt pit detail you are referring to is specific for bespoke drainage channel silt pits where the outgoing sewer is larger than a proprietary silt pit can accommodate. The line to the left represents the drainage channel not an incoming pipe. For info a detail showing a proprietary ACO silt pit is shown on drawing 303.
Note a catchpit manhole detail is shown on drawing 301 to the right hand side of the silt pit detail. Note the catchpit manhole shows the same size sewers, cover slabs, cover and haunching etc.

3. Please clearly define when different pipe bedding types are required.
We have added notes below the typical bedding details shown on the attached drawing 301. Also note 4 on the drainage layout notes clarifies when to use bedding.

4. The total construction depth of the permeable paving is at least 570mm, it does not appear that this depth is available over the attenuation tank. Please review.
See attached revised section through the attenuation tank on drawing 303. We have adjusted the levels slightly which now gives a minimum cover of 604mm.

Trust the attached and above explanations satisfy your latest set of comments.

Kind regards,

Jamie Loxley
BA(Hons) MSc MRTPI
Planning Assistant

Michael Sparks Associates
Chartered Architects

11 Plato Place, St. Dionis Road, London SW6 4TU
j.loxley@msa-architects.co.uk
www.msa-architects.co.uk
+44 (0)20 7736 6162

Signature 2021 - Ukraine

From: Laura Gibbons [mailto:laura.gibbons@adur-worthing.gov.uk]
Sent: 19 August 2022 08:52
To: Matthew Thomas <m.thomas@msa-architects.co.uk>
Cc: peter.barnett@adur-worthing.gov.uk; Jamie Loxley <j.loxley@msa-architects.co.uk>
Subject: Re: Consultee Comments for Planning Application AWDM/1180/22

Hi Matthew,

My comments are as follows:

1. Please ensure the hydrobrake construction detail drawing is site specific and includes invert and cover level as well as hydrobrake unit reference. 2. The silt trap detail is poor and needs correcting. It is unclear why the incoming pipe is shown to be significantly larger than the outgoing pipe. A standard cover and haunching detail should be applicable to these silt trap manholes. I.e. please include a cover slab, engineering bricks, cover and frame with haunching, etc. 3. Please clearly define when different pipe bedding types are required. 4. The total construction depth of the permeable paving is at least 570mm, it does not appear that this depth is available over the attenuation tank. Please review.

Kind regards,

Laura Gibbons
Engineer, Facilities & Technical Services
01903 221374
Adur & Worthing Councils
Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA
www.adur-worthing.gov.uk

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On Wed, 3 Aug 2022 at 23:07, Matthew Thomas <m.thomas@msa-architects.co.uk>wrote:

> Peter,
>
> Further to the comments from the Technical Services team, below is our engineer's response to the points that were made with the relevant further information attached.
>
> 1. *Full construction detail drawings are required, these should include; permeable paving, attenuation tanks (including bedding, membranes, and minimum cover depth), gullys, hydrobrake, bypass separator, pipe bed and surround, manholes, catchpits, ACO drains, etc.*
>   **Response:** See attached typical drainage full construction detail drawings 21-008D_301 T1, 21-008D_302 T2 and 21-008D_303 T1 covering the requested details as above.
>
> 2. *The permeable paving detail shown on the layout drawing does not show sufficient depth of sub-base material. Please ensure consistency with layout and calculations on all detail drawings.*
>   **Response**: See amended drainage layout drawing 21-008D_300 T6 showing the depth of permeable sub-base updated in line with the calculations as requested.

3. *Catchpit manholes must be provided upstream of all connections into attenuation features.*

Response: Drainage layout drawing 21-008D_300 T6 updated to show catchpit manholes upstream of the attenuation tank as requested.

I trust that this will address the points made and allow for this condition to be discharged.

Regards,

Matthew

From: Jamie Loxley <j.loxley@msa-architects.co.uk>
Sent: 29 July 2022 10:03
To: Matthew Thomas <m.thomas@msa-architects.co.uk>
Subject: RE: Consultee Comments for Planning Application AWDM/1180/22

Jamie Loxley
BA(Hons) MSc MRTPI
Planning Assistant

Michael Sparks Associates
Chartered Architects

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Signature 2021 - Ukraine

From: Peter Barnett [mailto:peter.barnett@adur-worthing.gov.uk]
Sent: 28 July 2022 12:54
To: Jamie Loxley <j.loxley@msa-architects.co.uk>
Subject: Fwd: Consultee Comments for Planning Application AWDM/1180/22

Jamie

I have received the comments below from our Engineer, for your attention.

Thanks

Peter Barnett
Principal Planning Officer, Planning & Development
01903 221310
Adur & Worthing Councils
Portland House, 44 Richmond Road, Worthing, BN11 1HS
http://www.adur-worthing.gov.uk



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---------- Forwarded message ---------
From: <planning@adur-worthing.gov.uk>
Date: Tue, 26 Jul 2022 at 13:51
Subject: Consultee Comments for Planning Application AWDM/1180/22
To: <peter.barnett@adur-worthing.gov.uk>

Consultee comments

Dear Sir/Madam,

A consultee has commented on a Planning Application. A summar
below.

Comments were submitted at 26/07/2022 1:51 PM from Ms Laura
worthing.gov.uk) on behalf of Technical Services.

Application Summary

Reference:	AWDM/1180/22
Address:	5 Commerce Way Lancing Business P BN15 8TA
Proposal:	Approval of Details Reserved by Cond drainage) of AWDM/0343/22.
Case Officer:	Peter Barnett

Click for further information

Comments Details

Comments: Dear Peter,

Thank you for the opportunity to comme
have the following comments on conditi
1. Full construction detail drawings are
permeable paving, attenuation tanks (ir
and minimum cover depth), gullys, hydr
bed and surround, manholes, catchpits
2. The permeable paving detail shown
show sufficient depth of sub-base mate
with layout and calculations on all detai
3. Catchpit manholes must be provided
into attenuation features.

In summary, we do not recommend dis
time.

We would recommend the applicant ref
drainage guidance notes and checklist
requirements for a discharge of conditic
notes and checklist can be found here:
worthing.gov.uk/planning/applications/s

Kind regards,

Laura Gibbons

Kind regards

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