

Sandra Edwards

From: Amanda Scholes on behalf of Planning.Responses
Sent: 05 February 2018 08:55
To: Planning Scanning
Subject: FW: Y/51/17/DOC - Yapton Free Church - 22815
Attachments: 201_A_Proposed Drainage Layout.pdf

-----Original Message-----

From: Paul Cann
Sent: 02 February 2018 14:58
To: Simon Davis; Planning.Responses
Subject: RE: Y/51/17/DOC - Yapton Free Church - 22815

Hi Simon

Condition can be discharged based upon the revised details, including drg no. 22815/201 Rev A, which I have enclosed.

Regards

Paul Cann
Senior Engineer (Drainage & Coastal)

Paul Cann | Senior Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF
Internal: 37819 | External: +44 (0) 1903 737819 | Fax: +44 (0) 1903 716019 | E-mail: Paul.Cann@arun.gov.uk Arun is Working in Partnership with Chichester District Council Visit Arun's web site at <http://www.arun.gov.uk/> and www.chichester.gov.uk P Save the environment - think before you print.

-----Original Message-----

From: Simon Davis
Sent: 31 January 2018 09:55
To: Planning.Responses
Cc: Paul Cann
Subject: FW: Y/51/17/DOC - Yapton Free Church - 22815

Please see Action Sheet

Paul - pls confirm if now ok to discharge the condition

Kind Regards

Simon J Davis MRTPI | Principal Planning Officer, Planning Department, Directorate of Place, Arun District Council | Location: In the office next door to the Ash Room, first floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

-----Original Message-----

From: [REDACTED]
Sent: 30 January 2018 20:13
To: Simon Davis
Subject: Fw: Y/51/17/DOC - Yapton Free Church - 22815

Dear Simon,

Here is the full submission relating to the updated percolation test results and 'revised' proposed surface water drainage scheme, which Paul Cann has now confirmed are acceptable. As you can see this is a submission put together by our drainage consultant and Paul has asked me to submit this direct to you as per my last email to you.

I trust you will now have all that is required to complete the DOC application process.

Thank you for your assistance in this matter.

Yours sincerely,

Reg Hawks
On behalf of YFC

-----Original Message-----

From: [REDACTED]
Date: 12/01/2018 16:57
To: "Paul Cann" <Paul.Cann@arun.gov.uk>
Cc: [REDACTED] >
Subj: RE: Y/51/17/DOC - Yapton Free Church - 22815

Good afternoon Paul

Further to our telephone conversation regarding the percolation rate used for the calculations, please note that the percolation rate used is the same in both sets of calculations.

We have provided you with both Microdrainage calculation sheets and our internal spreadsheet extract demonstrating that the proposed system works.

Microdrainage method of inputting factor of safety is different as it requires one to be specified in the input separate to the percolation value.

Our simplified spreadsheet incorporates the factor of safety within the percolation rate hence the difference between the two printed versions.

Both sets of calculations demonstrate that the proposed drainage system (same size under both calculation sets) meet your requirements.

I now attach the revised MicroDrainage Calculation with the correct cover and invert levels together with the rainfall details as requested.

I trust this will now allow for Planning Condition to be fully discharged.

Kind regards

Tom Zajac

Tel: 01273 424424

Fax: 01273 424425

Email: [REDACTED]

The Civil Engineering Practice

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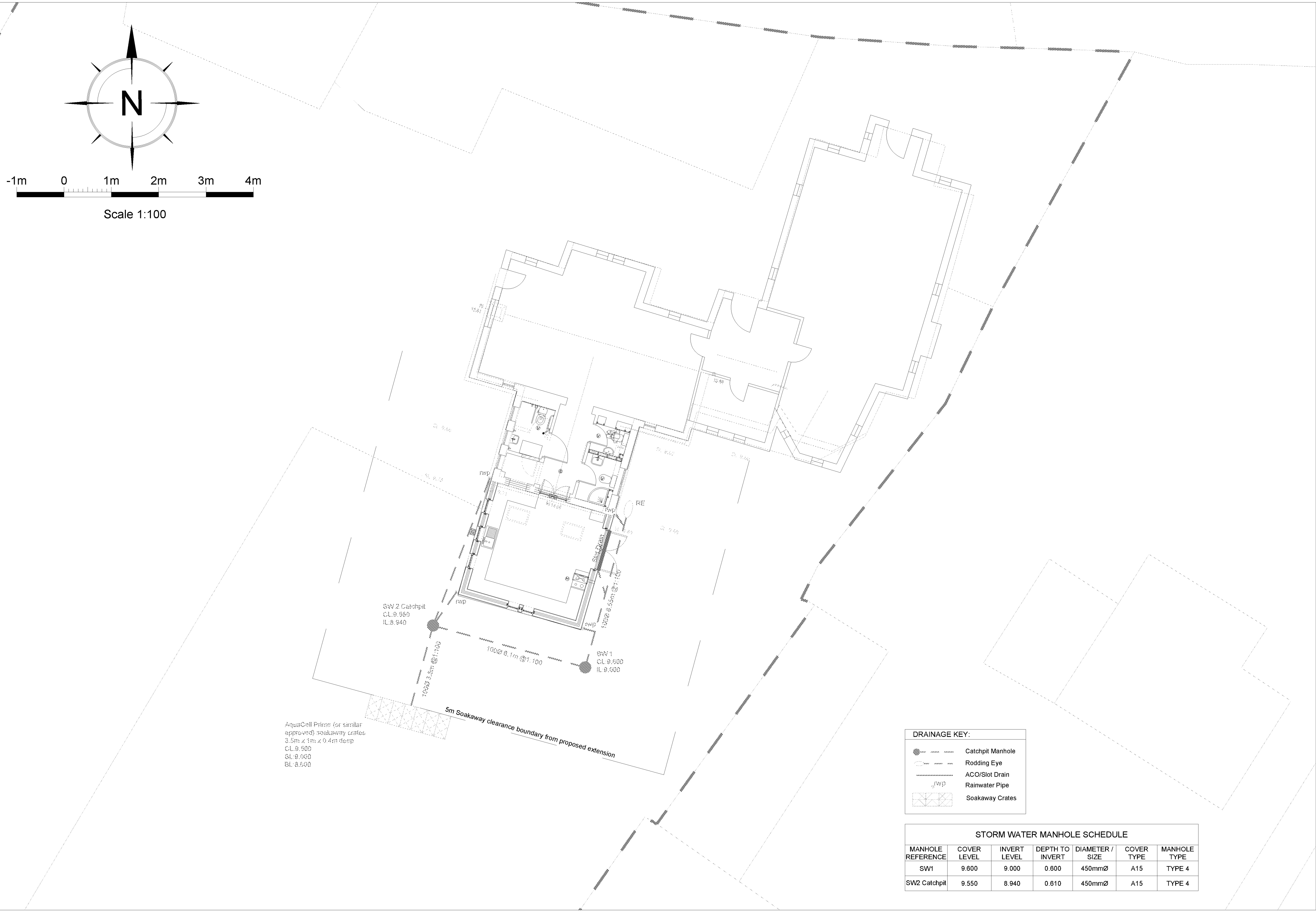
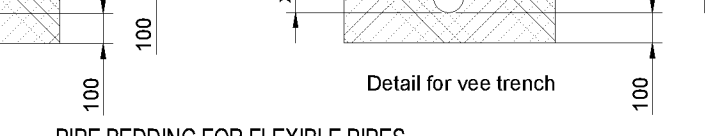
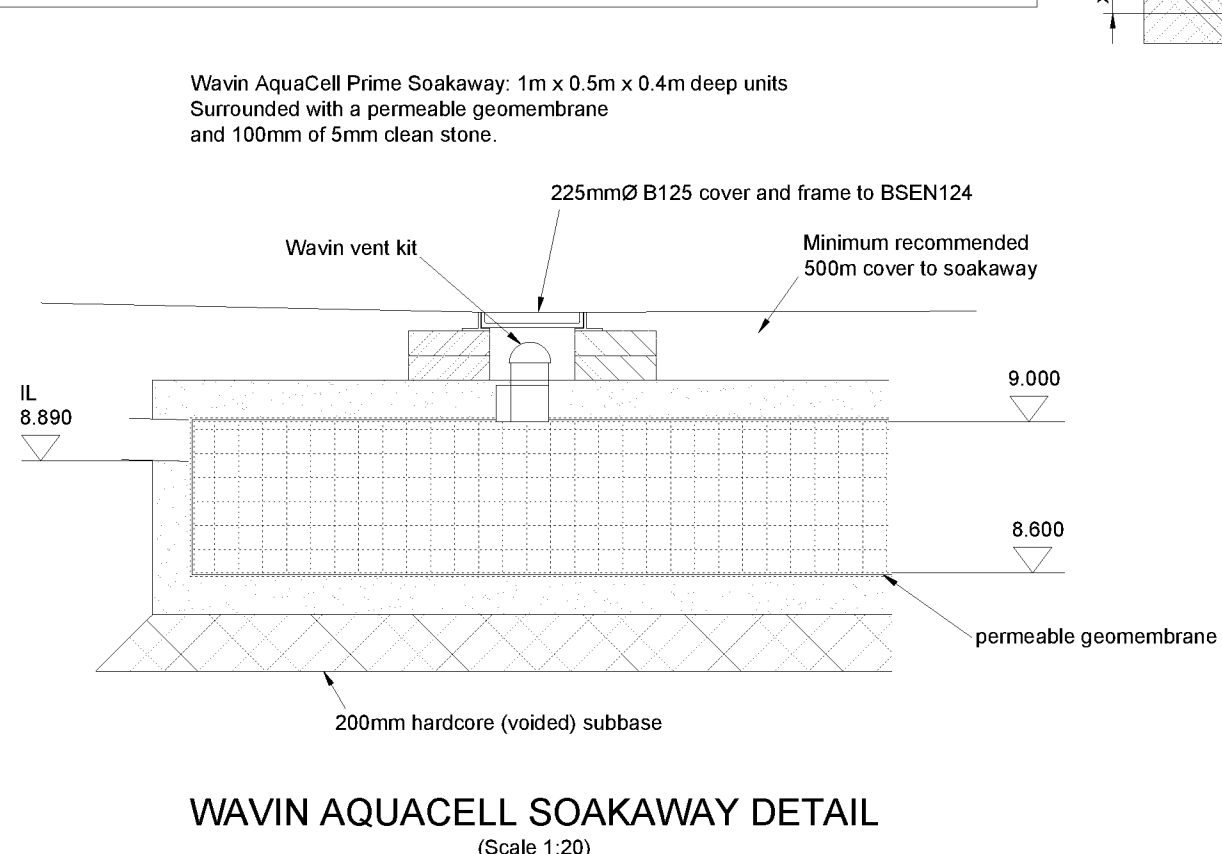
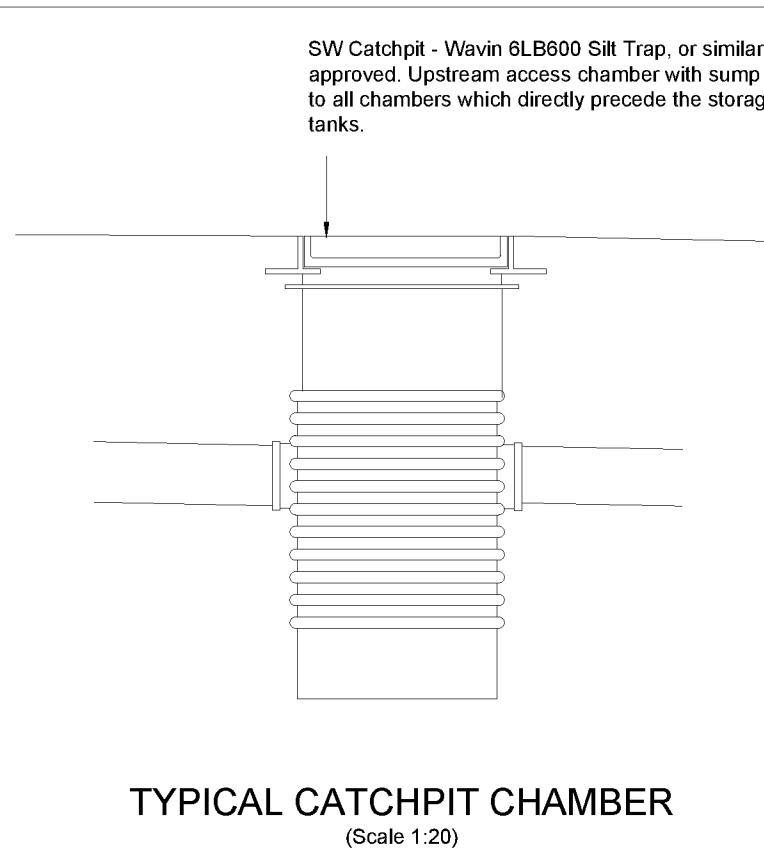
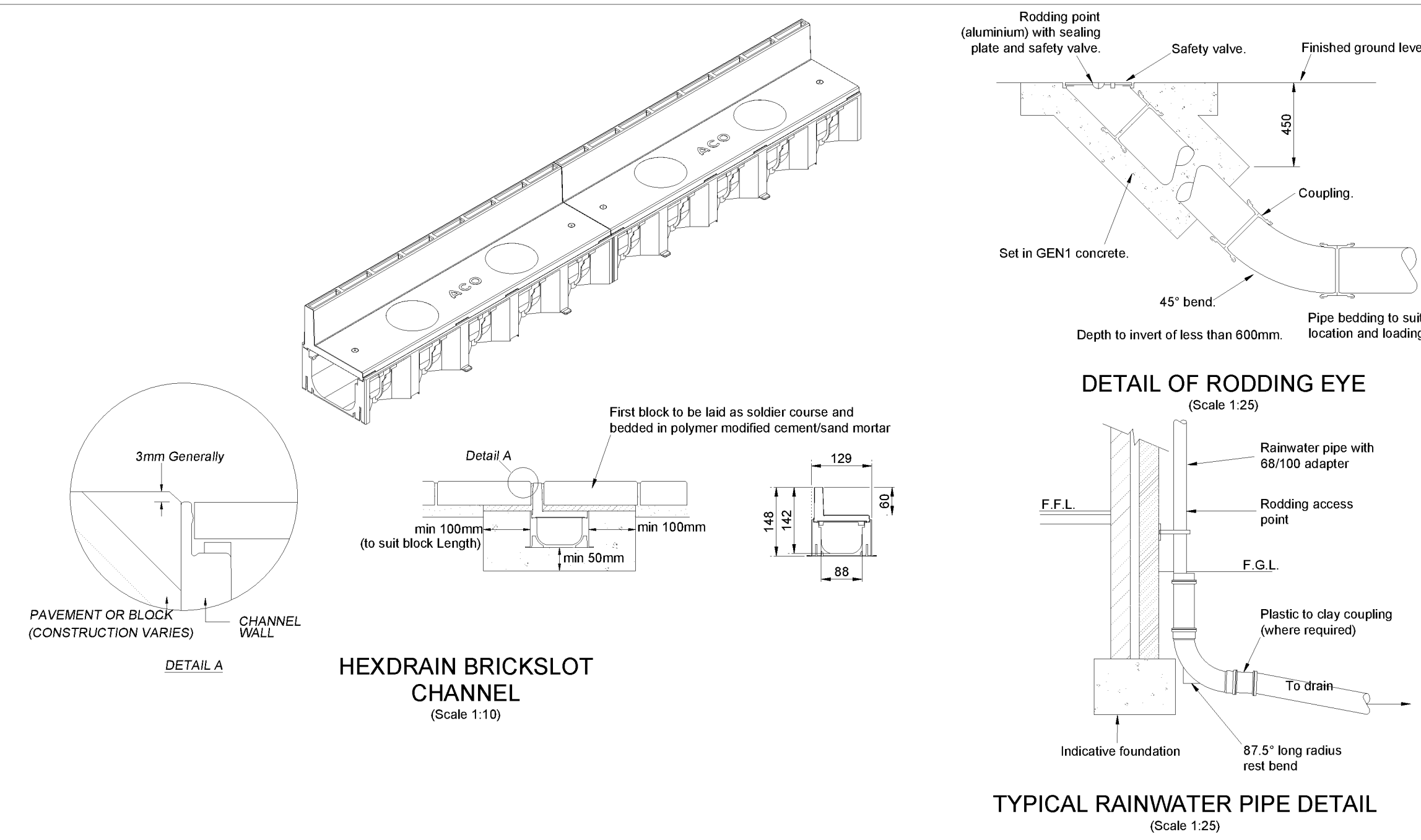
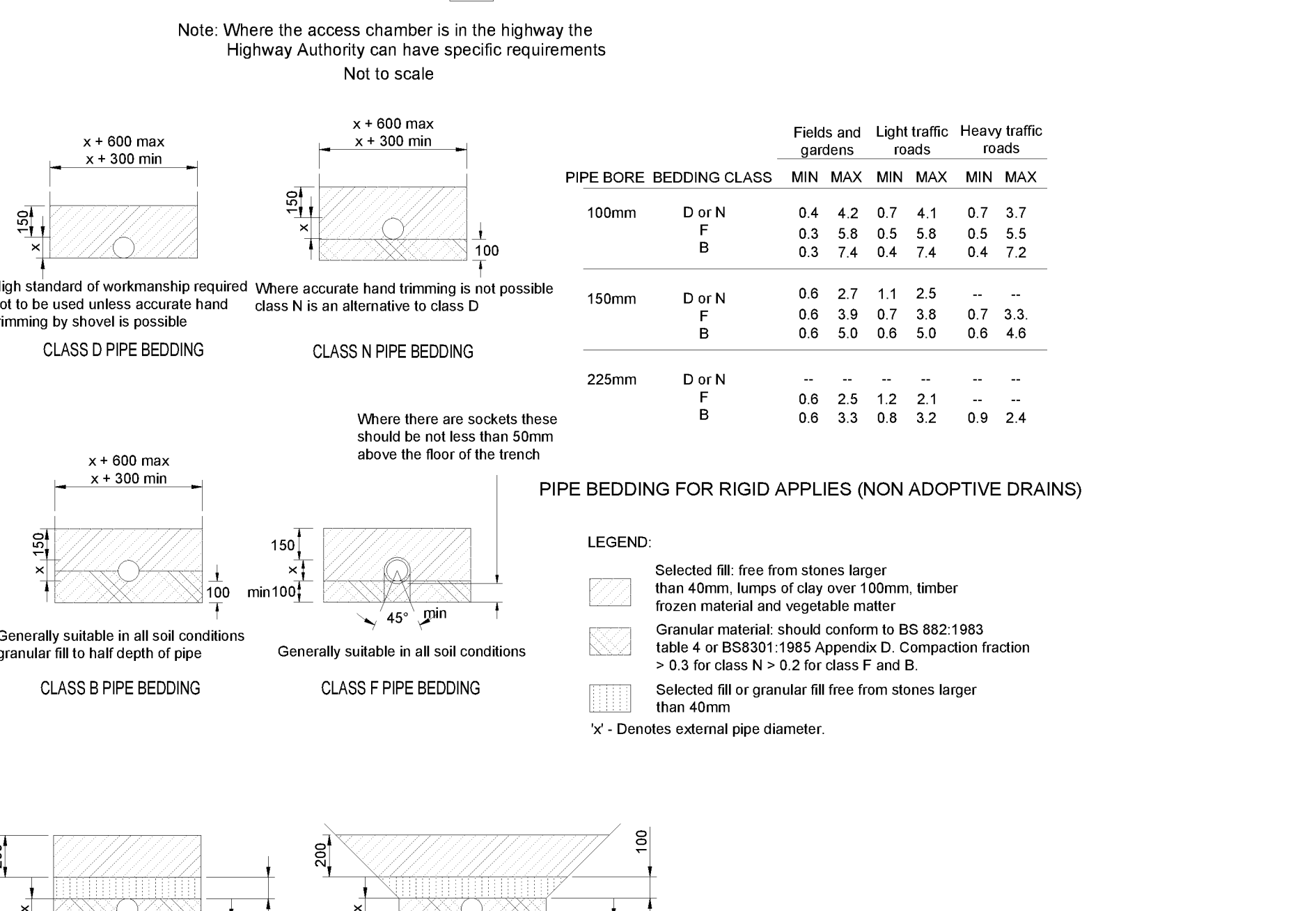
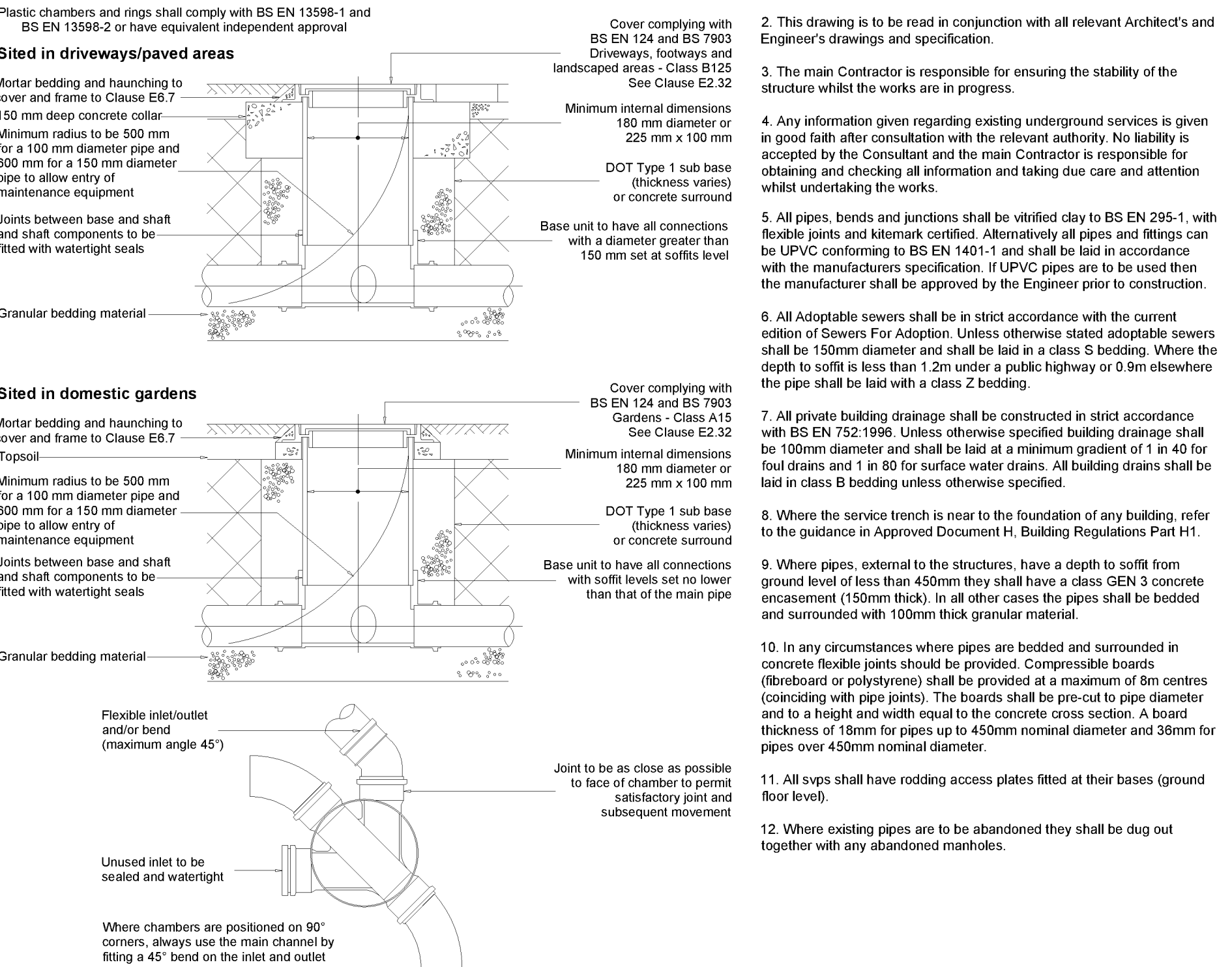


FIGURE B.21
TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Flexible material detail)
Maximum depth from cover level to soffit of pipe 2 m, non-entry



- NOTES:
- All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor or supplier and the general Contractor.
 - This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
 - The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
 - Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.
 - All pipes, bends and junctions shall be verified clay to BS EN 295-1, with flexible joints and kilnmark certified. Alternatively all pipes and fittings can be UPVC conforming to BS EN 1401-1 and shall be laid in accordance with the manufacturers specification. If UPVC pipes are to be used then the manufacturer shall be approved by the Engineer prior to construction.
 - All Adoptable sewers shall be in strict accordance with the current edition of Sewers For Adoption. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class S bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.9m elsewhere the pipe shall be laid with a class Z bedding.
 - All private building drainage shall be constructed in strict accordance with BS EN 752:1996. Unless otherwise specified building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.
 - Where the service trench is near to the foundation of any building, refer to the guidance in Approved Document H, Building Regulations Part H1.
 - Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.
 - In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreglass or polystyrene) shall be provided at a maximum of 8m centres (coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board thickness of 16mm for pipes up to 450mm nominal diameter and 36mm for pipes over 450mm nominal diameter.
 - All svps shall have rodding access plates fitted at their bases (ground floor level).
 - Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

A 05.01.18 TZ Soakaway Size Revised SRM

REV DATE INT DESCRIPTION CHK

Issue Status

FOR APPROVAL

11 Tungsten Building
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the
civil
engineering
practice

CLIENT
Reg Hawks

PROJECT
Yapton Free Church,
Yapton

TITLE
Proposed Drainage
and Construction Details

DRAWN
M Glasgow

DATE
Jun 2017

PROJECT NO.
22815

ENGINEER
T. Zajac

CHECKED
BS

SCALE
As Shown @ A1

201 A