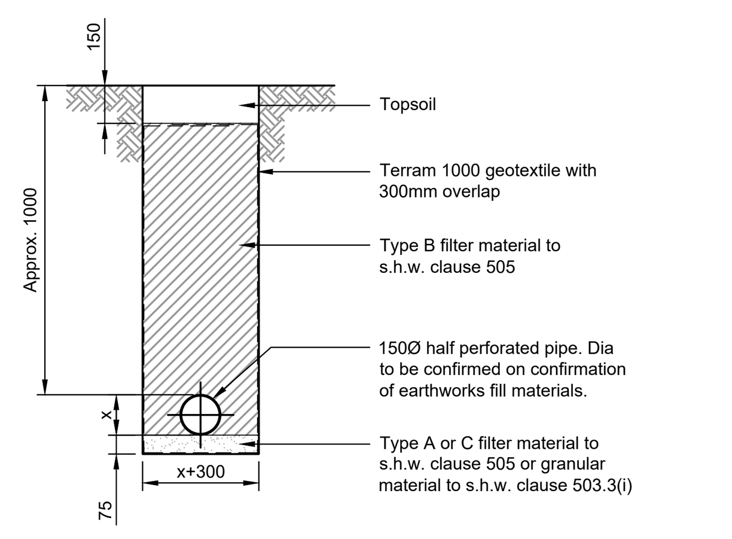
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR.

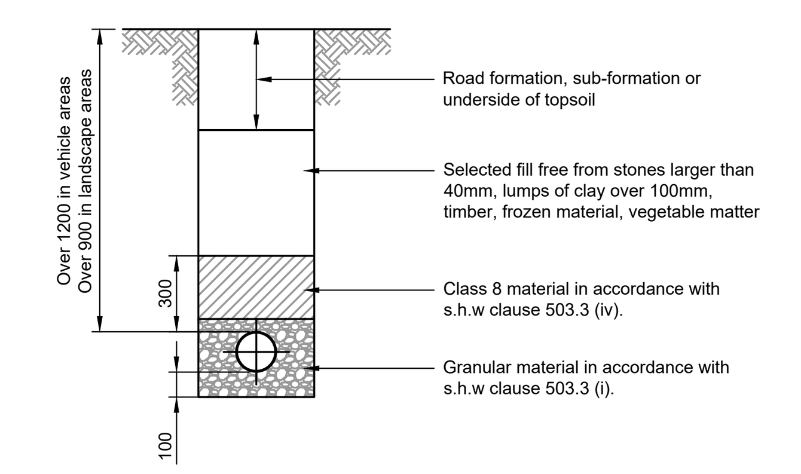
NOTES

1. ALL LEVELS SHOWN IN METRES ABOVE ORDNANCE DATUM (AOD) UNLESS OTHERWISE STATED.
2. REFER TO WID_PD-ACM-HDG-SW_DRG_ZZ_ZZ-DR-CD-0007 TO 0011 FOR INVERT AND COVER LEVELS.



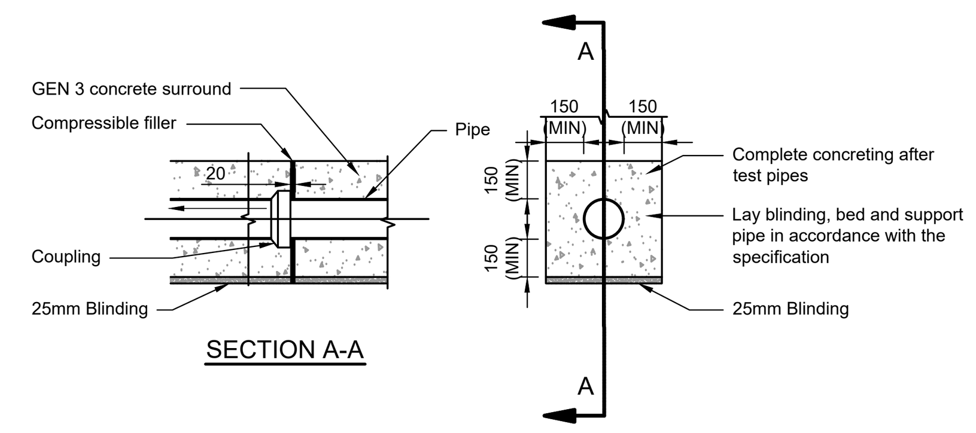
F SERIES ROADSIDE FILTER DRAIN (TYPE H)

Notes:
*Designed with reference made to CIRIA C737 minimum depth guidance.
1. Power rammers are not to be used within 300mm of any part of the pipe or joint (Clause 505.5).
2. Pipes shall comply with the requirements for filter drain pipes in Table 5.1.
3. Pipes are to be laid with slots or perforations upwards.
4. Bedding, laying, surround and jointing of pipes to Clause 503 & 504.
5. Geotextile membrane to Clause 609.



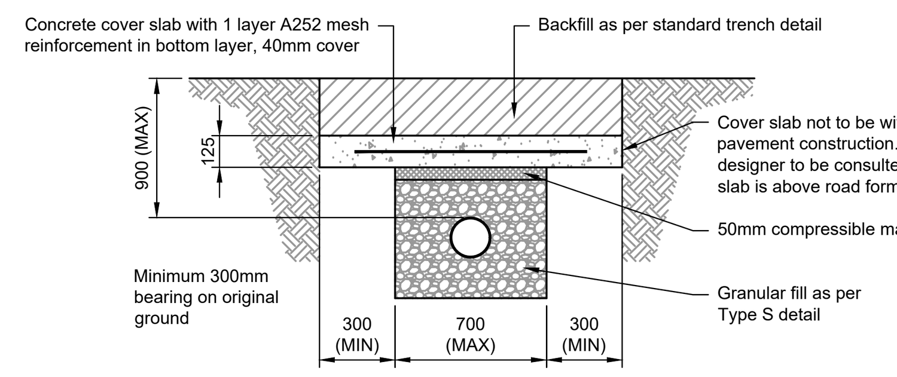
PIPE BEDDING CLASS S

Notes:
1. Bedding beneath and at the sides of class B and S pipes to be well compacted. The first 300mm of fill above the crown of the pipe is to be lightly tamped by hand. mechanical compaction may be used only above this level. geotextiles may be used where directed or approved by the engineer to contain bedding material in certain soils e.g. running sand in very wet conditions, where directed or approved by the engineer a temporary land drain may be laid within the granular bed.

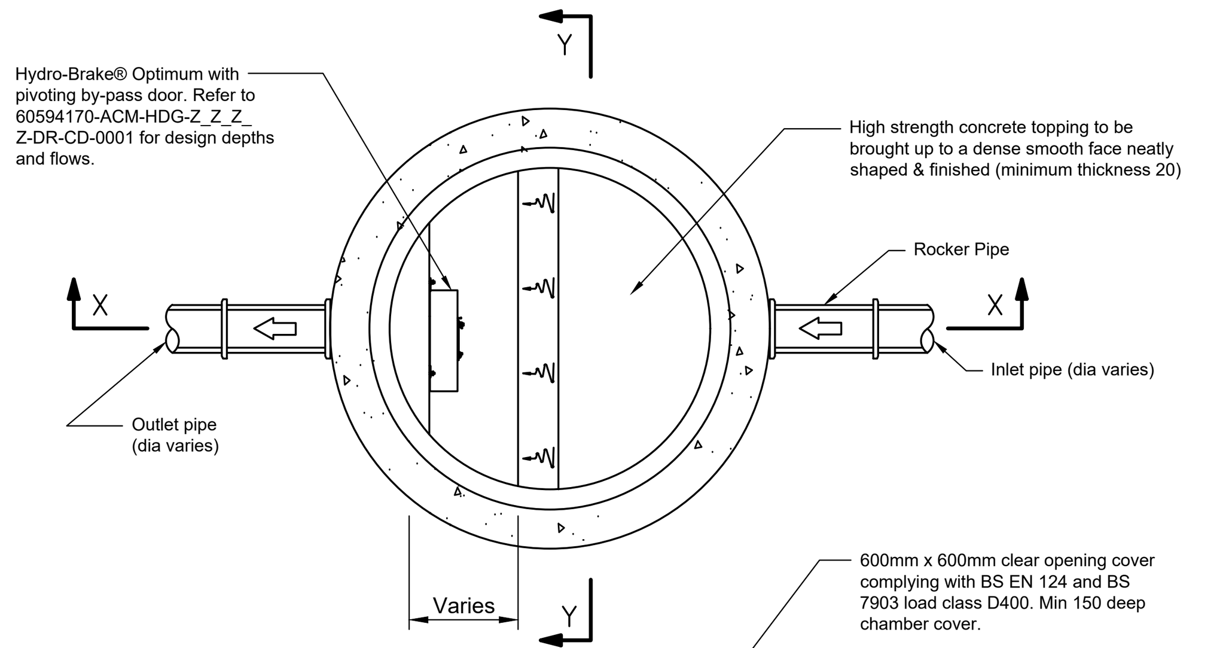


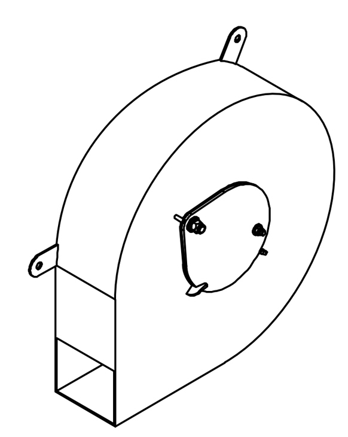
PIPE BEDDING CLASS Z

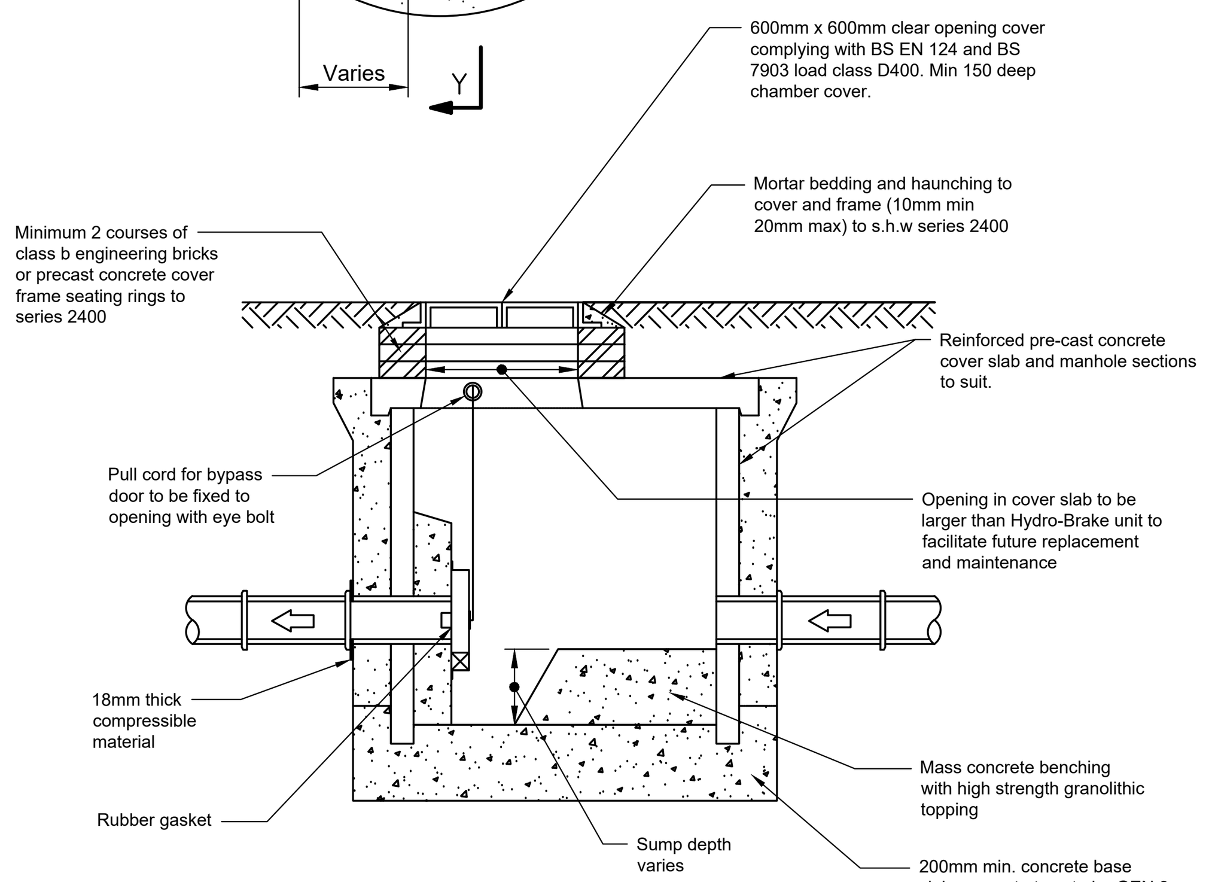
General pipe bedding notes:
1. Buried pipelines should be designed in accordance with bs en 1295-1.
2. The design of the pipeline should take account of loading from the passage of construction plant as well as normal design loading.
3. If the depth of cover to the crown of the pipe is less than 1.2m in vehicular areas or 0.9m in non-vehicular areas, one of the following protection measures should be provided (unless it can be demonstrated by structural calculations or other suitable means):
   - 3.1. a concrete slab in accordance with the 'protection for pipes laid at shallow depths' detail; or
   - 3.2. a concrete surround with flexible joints in accordance with the 'bedding class z' detail.
4. Flexible joints shall be provided in concrete, by inserting compressible board at intervals not exceeding 5000mm precut to diameter, height and width equal to the concrete cross section.
5. Concrete cover must have flexible joints at pipe joints.



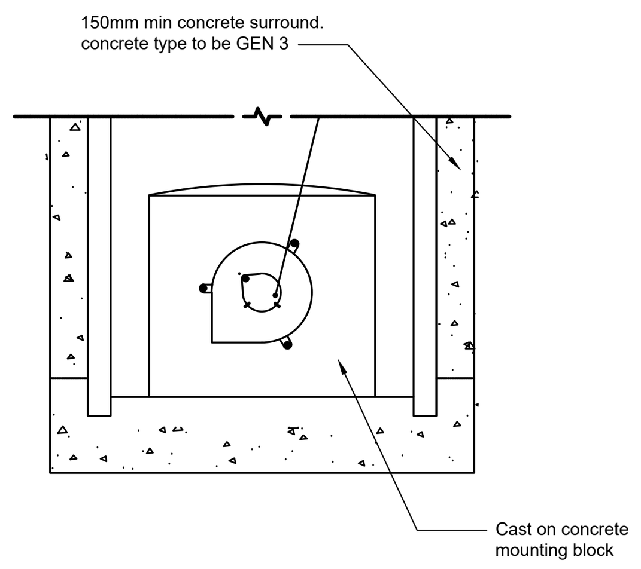
PROTECTION FOR PIPES LAID AT SHALLOW DEPTHS







SECTION X-X



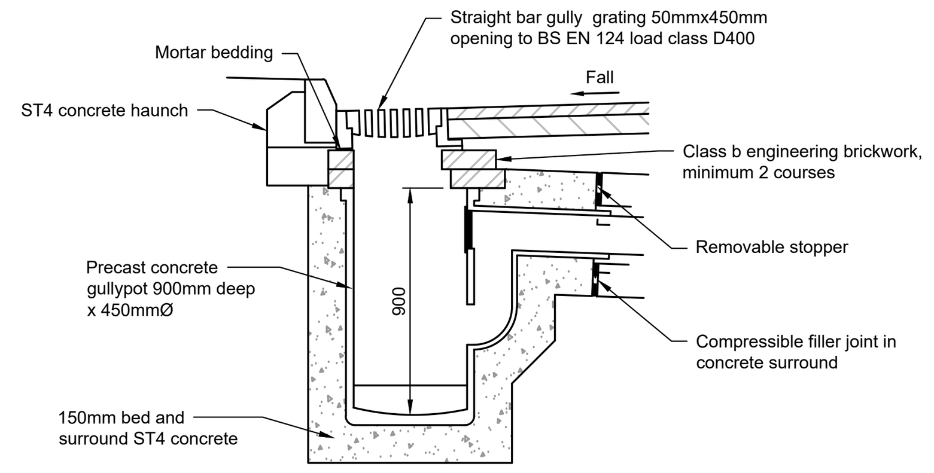
SECTION Y-Y

TYPICAL HYDRO-INTERNATIONAL HYDRO-BRAKE OPTIMUM FLOW CONTROL

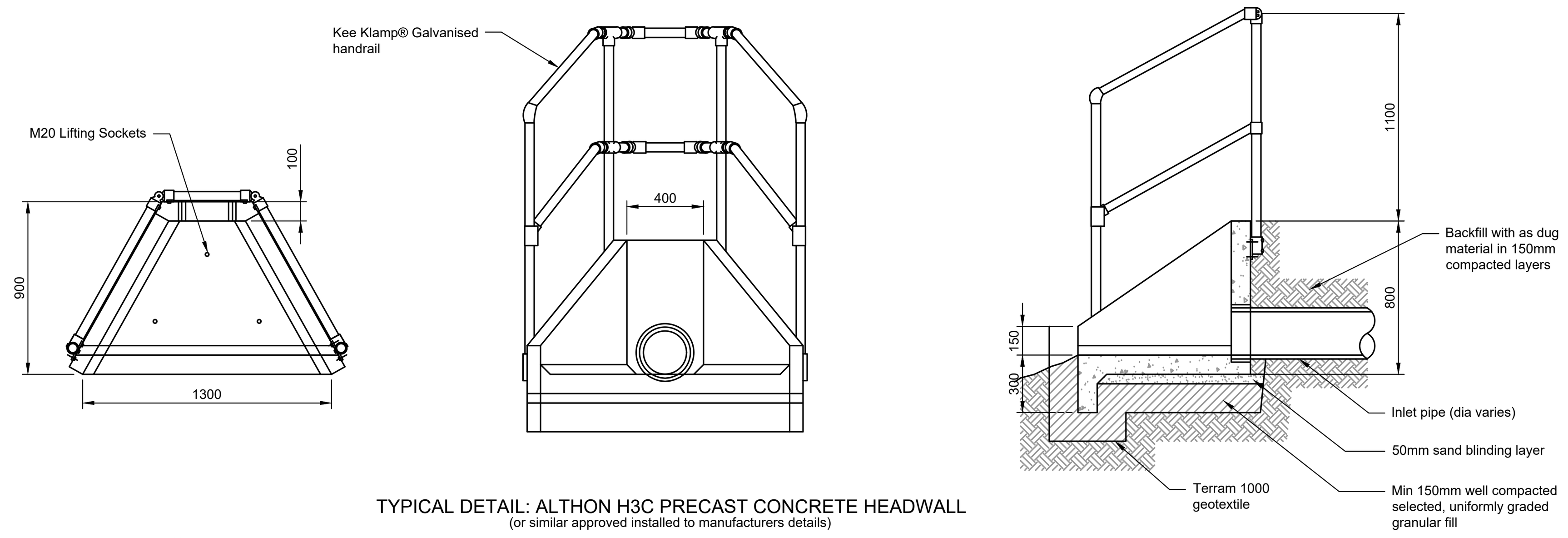
(or similar approved installed to manufacturers details)

Notes:
1. Single or double manhole steps (single shown) at 250mm or 300mm c/c vertically, to s.h.w. sub-clause 507.6. Where double steps are installed, these shall be installed in allignment with other such steps.
2. For unit and installation details, refer to manufacturers details, using design flow and depth details provided within the general arrangement.

* Any discrepancies between specification and manufactures guidelines to be discussed with engineer.



TYPICAL ROAD GULLY

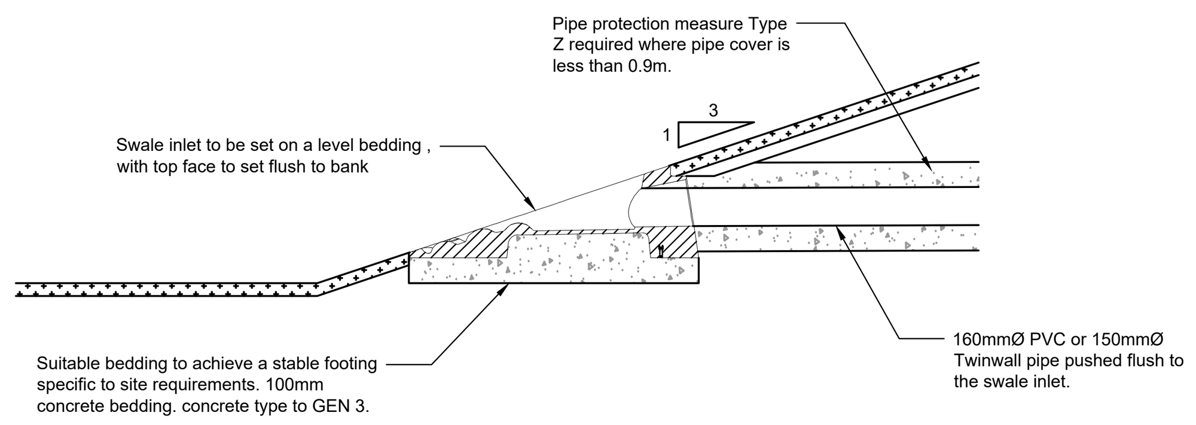


TYPICAL DETAIL: ALTHON H3C PRECAST CONCRETE HEADWALL

(or similar approved installed to manufacturers details)

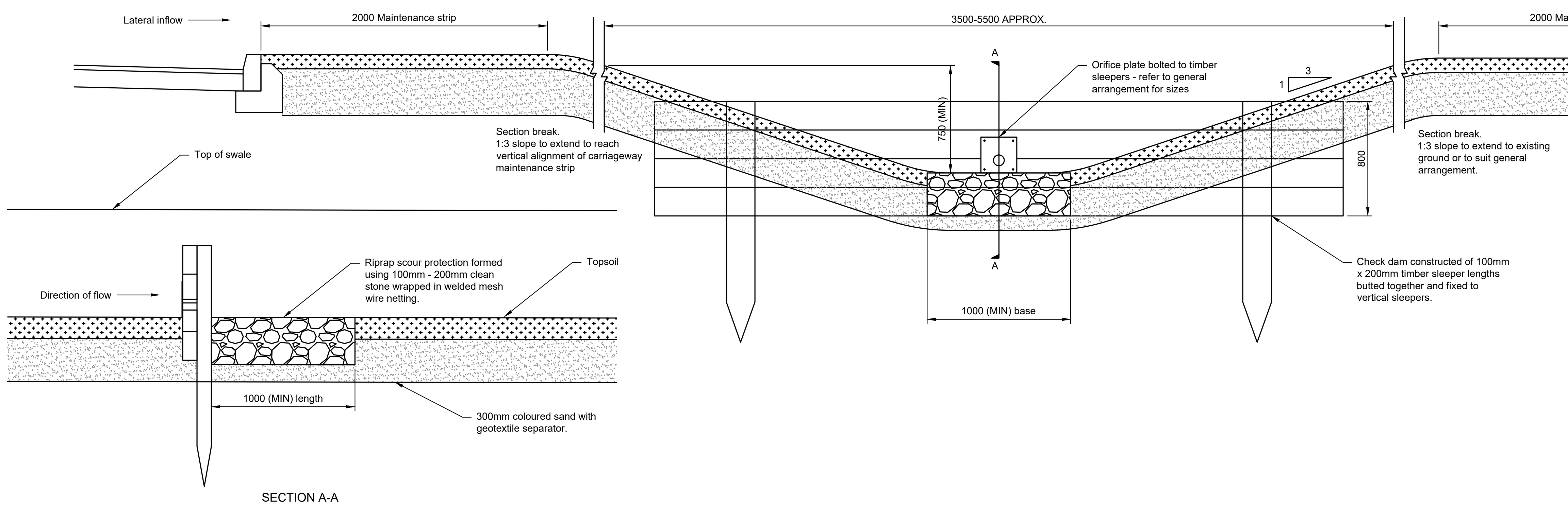
Notes:
1. Invert level incomming pipe to match the back of spillway level unless otherwise stated.
2. Opening in back wall cast to suit outside diameter of the pipework
3. There is no fall from the back wall of the headwall to the front of the spillway
4. SFA6A suitable for pipework up to 300mm.
5. Size of headwall toe to be confirmed, subject to ground conditions.
6. Units should be bedded on minimum 150mm thick well compacted Class 6A or 6K* well graded granular material with a 50mm topping of fine material (Class 6L*) to ensure units are level and stable.
   *Manual of contract documents for Highway Works: Volume (MCHW1) specification for Highway Works, Series 600 (Nov 09).

** Any discrepancies between specification and manufactures guidelines to be discussed with engineer.



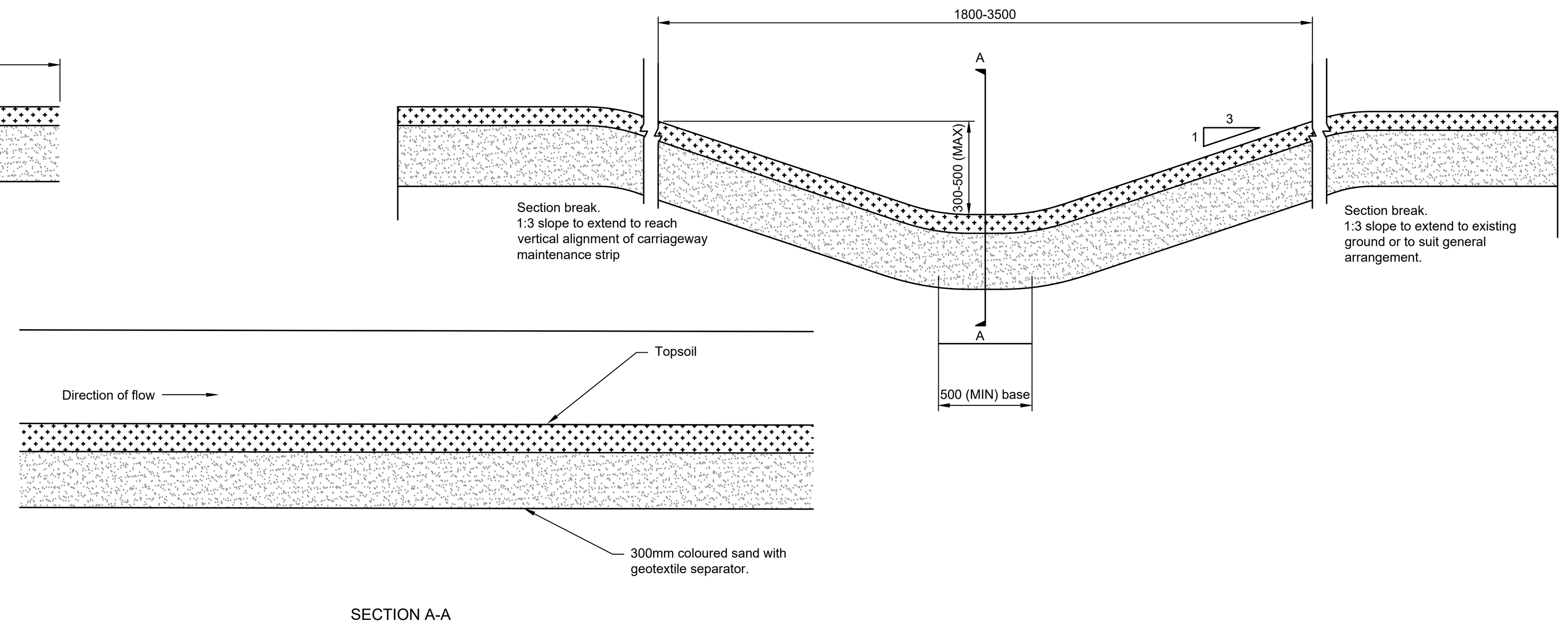
GULLY CONNECTION TO POND - ACO SWALE INLET

(or similar approved installed to manufacturers details)



TYPICAL 0.75m ROADSIDE SWALE WITH TIMBER WEIR

refer to general arrangement for locations - applicable to SWALE 02, 03 and 06



TYPICAL 0.5m CONVEYANCE SWALE

refer to general arrangement for locations - applicable to SWALE 1, 4 and 5

REVISION DETAILS	By	Check	Date	Suffix
Planning Submission	JB	GP	17/09/21	P01

Purpose of issue
SUITABLE FOR INFORMATION

Client
OXFORDSHIRE COUNTY COUNCIL

Project Title
DIDCOT GARDEN TOWN HOUSING INFRASTRUCTURE FUND (HIF 1)

Drawing Title
DRAINAGE TYPICAL DETAILS SHEET 1 OF 5

Designed	Drawn	Checked	Approved	Date
VD	JB	ART	GP	27/06/23

Internal Project No.	Suitability
60632497	S2
Scale @ A1	**Discipline**
AS SHOWN	Town & Country Planner

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AECOM
AECOM House
Home Lane
Bedford
MK40 1TS
Tel: +44 (0)1234 329 641
www.aecom.com

AECOM Infrastructure & Environment UK Limited
Registered in England Registered number: 880328
Registered office: Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PP

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GEN_PD ACM HDG DGT_DRG_ZZ_ZZ DE T 0001

Rev
P02

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