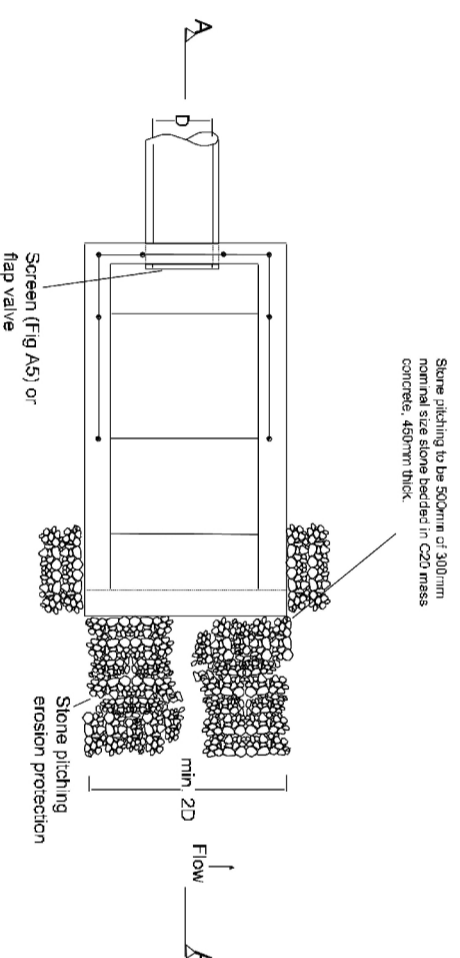


- Notes:-
- (i) Structure should not project into channel
  - (ii) Wall slope to correspond with bank profile but not steeper than 1:1
  - (iii) Handrail: refer Clause 10.5
  - (iv) Screen Refer Clause 8 and Fig A5
  - (v) Stone pitching to be as per Clause 10.5
  - (vi) Screen may be replaced by a flap valve

Section 'A-A'

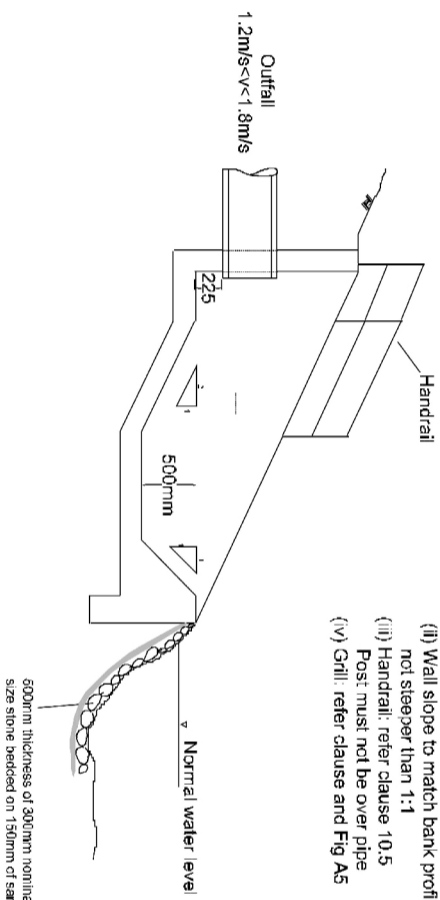
Figure A1: Typical Outfall Headwall



Stone pitching to be 500mm of 300mm nominal size stone bedded in C20 mass concrete, 450mm thick

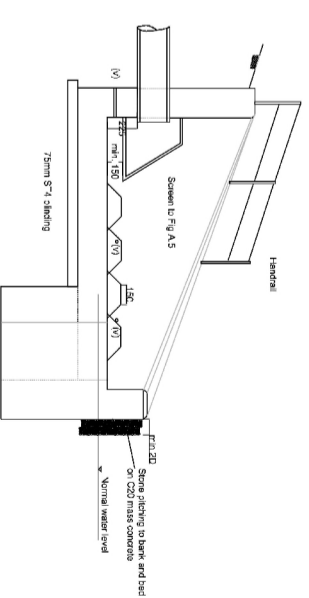
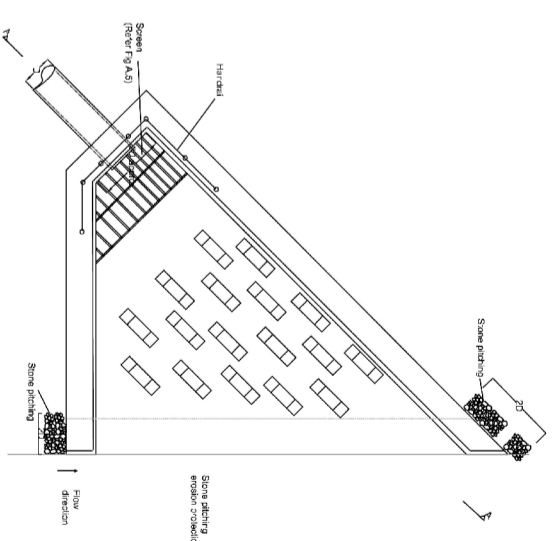
Notes:

- (i) Structure should not project into channel
- (ii) Wall slope to match bank profile but not steeper than 1:1
- (iii) Handrail: refer clause 10.5
- (iv) Post: must not be over pipe
- (v) Grill: refer clause and Fig A5



Section 'A-A'

Figure A3: Headwall with Stilling Basin



- Notes:-
- (i) Structure should not project into channel
  - (ii) Wall slope to correspond with bank profile but not steeper than 1:1
  - (iii) Handrail: refer Clause 10.5
  - (iv) Screen Refer Clause 8 and Fig A5
  - (v) Stone pitching to be as per Clause 10.5
  - (vi) Screen may be replaced by a flap valve

Section 'A-A'

Figure A4: Headwall with Baffle Blocks

|               |  |
|---------------|--|
| Client        | <b>ROADS Service</b>   |
| Project       | <b>A5 WTC</b><br>Building Great Relationships                      |
| Drawing Title | INFORMATION TO INFORM AN APPROPRIATE ASSESSMENT - SAC WATERCOURSES |
| Figure No     | Figure 7   |
| Version       | A  |

DESIGN MANUAL FOR ROADS AND BRIDGES, 2014  
 This information is licensed under the terms of the Open Government Licence  
<http://www.nationalarchives.gov.uk/odopen-government-licence/version/2/>  
<http://www.dft.gov.uk/roadsandbridges/odopen-government-licence/version/2/> accessed 14/04/14