

APPENDIX 3/1: FENCING, GATES AND STILES

Project: Bexhill to Hastings Link Road

Client: Hochtief/Taylor Woodrow Joint Venture Job No: B1297000

Document title: Appendix 3/1: Fencing, Gates and Stiles

Ref. No: B1297000/0300.02a/0001

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FENCING, GATES AND STILES

General

- i) The location and type of fencing is shown on drawings numbers B1297000/0300.01a/001 to 032 inclusive.
- ii) Fencing and gates associated with accommodation works are shown on the 0300 series of drawings for information purposes only.
- iii) Reference should be made to Volume 3 of the Manual of Contract Documents for Highway Works (MCHW) Highway Construction Detail (HCD) drawing series H.
- iv) For details of hedgerows and other landscaping items refer to drawing numbers B1297000/3000.01a/0051 to 0063 inclusive and Appendices 30/5: Grass Seeding, Wildflower Seeding and Turfing; 30/4: Ground Preparation; 30/6: Planting.

1a Temporary Fencing

- i) The location of temporary fencing is shown on drawing numbers B1297000/0300.01a/0001 to 0031 inclusive. The location of Temporary fencing to protect vegetation to remain is shown on the site clearance drawings number B1297000/0200.01a/0000 to 0014 inclusive
- ii) The Contractor shall erect temporary fencing prior to any construction works.
- iii) Temporary fencing, required as boundary fencing in order to secure the site where no permanent boundary is present, shall be chosen by the Contractor from the four standard types of temporary fencing shown in MCHW HCD/H1 and H2.
- iv) Temporary fencing shall be provided to surround temporary working areas. The type shall be chosen by the Contractor from the four standard types of temporary fencing shown in MCHW HCD/H1 and H2.

1b Temporary Fencing: Badger Fencing

Not used.

1c Temporary Fencing: Herptile (Great Crested Newt/reptile) Fencing

- i) The location of temporary great crested newt/reptile fencing is shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive.
- ii) For information regarding temporary great crested newt/reptile fencing refer to document number Appendix 30/12: Special Ecological Measures.

1d Temporary Fencing: Retained Vegetation

- i) The location of temporary fencing around vegetation to be retained is shown on drawings number B1297000/0200.01a/0000 to 0014 inclusive
- ii) Fencing around areas of vegetation to be retained shall be steel tube and wire mesh fencing in accordance with BS:5837
- iii) Area of vegetation to remain that is remote from the works and agreed in writing, with the ECoW, may be protected by post and wire fencing in accordance with HCD/H1

1e Temporary Fencing: SSSI

- i) The location of temporary fencing around the SSSI is shown on drawings number B1297000/0200.01a/0000 to 0032 inclusive.
- ii) Fencing around the areas of SSSI to be protect from noise, dust and visual intrusion shall be a 1.8m high and either a close boarded timber fence or temporary timber hoarding or steel frame and wire mesh fence with noise absorptive covering. The contractors preferred options will need to be agreed with the ECoW prior to installation.

2 Timber Quality

- i) All timber shall comply with MCHW Specification for Highway Works (SHW) Clause 304.

3 Fittings

Not used.

4a Permanent Fencing: Wooden Fencing, Gates and Stiles including Planting Works Fencing

- i) The location and type of permanent wooden fencing is shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive.
- ii) Permanent wooden fencing shall be timber post and four rail fencing and shall be in accordance with HCD/H3.
- iii) Permanent fencing shall be tied into existing features such as hedges, fences and walls. Where permanent fencing ties into existing walls it shall be attached in accordance with MCHW HCD/H36.
- iv) Timber posts shall be supported by rammed backfill as shown in HCD/H3. Where sufficient support cannot be achieved due to unfavourable ground conditions then posts should be supported by ST2 concrete.
- v) For information regarding protective fencing for planted areas refer to Appendix 30/6: Planting.

- vi) For information regarding fencing adjacent to structures refer to the relevant Series 1700 drawings.

4b Permanent Fencing: Chainlink Fencing

Not used.

4c Permanent Fencing: Stock-proof Fencing

- i) The location of stock-proof fencing is shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive.
- ii) Stock-proof fencing shall be timber post and four rail fencing in accordance with MCHW HCD/H3 with additional stock-proofing in accordance with HCD/H46 to be determined following receipt of Accommodation Works requirements.

4d Permanent Fencing: Rustic Fencing

Not used.

4e Gates

- i) The location and type of gates are shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive. Requirement for further gates to be determined following receipt of Accommodation Works requirements.
- ii) Single steel field gates installed to provide access through proposed post and four rail fencing shall be in accordance with HCD/H17.
- iii) Single timber field gates installed to provide access through proposed post and four rail fencing shall be in accordance with HCD/H21.
- iv) Single security gates installed to provide access to balancing ponds within highway maintained land shall be in accordance with HCD/H18.
- v) Where shown on the drawings gates shall be badger proof in accordance with HCD/H18

4e Acoustic Fencing

- i) The location, type and height of acoustic fencing is shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive.
- ii) Reflective Acoustic fencing to comply with BS EN 1793 – 2:1998.
Absorptive Acoustic fencing to comply with BS EN 1793-1:1998.
- iii) For information regarding fencing adjacent to structures refer to the relevant Series 1700 drawings.

5 Permanent Fencing: Wire Dropper Fencing

Not used.

6 Wire Mesh to Permanent or Existing Fencing

- i) The location of wire mesh to be applied to permanent fencing for the purpose of Badger Proofing is shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive. Wire mesh shall be applied to fencing in accordance with Appendix 30/12: Special Ecological Measures and Annex C to HA 59/92.
- ii) Wire mesh shall be applied to the highway side of all gates forming part of Badger Fencing alignment.

7 Badger Gates

- i) The location of Badger Gates are shown on drawing numbers B1297000/0300.01a/0001 to 0032 inclusive.
- ii) One direction Badger Gates are to be provided at 500m intervals on both sides of the road. Gates to be in accordance with Figure C3, HA 59/92.
- iii) Two direction Badger Gates to be incorporated in proposed noise barrier to facilitate badger movements where necessary, in accordance with Figure C3, HA 59/92.
- iv) For information regarding Badger Gates refer to document number Appendix 30/12: Special Ecological Measures and HCD/H45

8 Fenced Tree Guards

Not used.

9 Preservation of Timber

- i) Preservation of timber shall comply with MCHW Specification for Highway Works (SHW) Clause 311.

10 Other

- i) Lifebuoy stations shall be provided at each balancing pond. Lifebuoy stations shall be erected on a steel post anchored into the ground and the ground compacted around it. Mounting brackets shall be attached to the posts and the lifebuoy mounted on the brackets. The lifebuoy will comply with BS EN 14144:2003.