
**SERIES NG 200
SITE CLEARANCE**

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SITE CLEARANCE

NG 201 (02/16) Clearing

- 1 (02/16) A schedule of buildings and structures to be demolished, or partially demolished, should be included in contract specific Appendix 2/1. The locations should be indicated in the contract specific Appendix and clearly marked on the drawings (with reference numbers for cross identification with the Bill of Quantities where appropriate). Parts of buildings below ground level (such as foundations) which are to be removed (as an earthworks operation) should be indicated as such on the drawings.
- 2 (02/16) Generally, disused soil and surface water pipes over 1 m depth below formation should be left undisturbed, and need only be sealed as specified. There will, however, be occasions, particularly with the larger pipes (say 375 mm diameter and over) and when there is evidence of possible collapse, when it may be considered that steps should be taken to avoid any subsidence. In this case the alternatives include:
- (i) Excavation to remove pipe and refill trench with suitable material;
 - (ii) Grouting with a mixture of cement and pfa in accordance with Clause 506.

Requirements should be stated in contract specific Appendix 2/2, when necessary.

- 3 (02/16) Where the general site clearance item is to be used in the Bill of Quantities the drawings should include a plan indicating by shading or hatching the area(s) to be measured as general site clearance. Where sections of general site clearance are markedly different in character, eg. woodland, these should be separately identified on the drawings.
- 4 (02/16) The drawings should clearly indicate any area of grassland or woodland, individual tree or shrub, required to be preserved, eg. for landscaping purposes or because of Tree Preservation Orders.
- 5 (02/16) The recovery of existing material should be considered on all types of contracts. Contract specific Appendix 2/3 should be used to list materials which are to be retained and stored by the Contractor for re-use on the site, or delivered to a store nominated in the Appendix for future use elsewhere.

Where materials are to be reused or recycled consideration should be given to the requirements of the Construction Products Regulation (EU) 305/2011 (CPR). If materials are to be processed for a change of use and that further use is covered by a harmonised standard then the materials would need to be attested and CE marked. Where this is likely to occur it should be brought to the attention of the Overseeing Organisation and specialist advice sought with respect to EU product legislation. Such materials should not be vested with the employer unless specifically agreed with the Overseeing Organisation, as there would be the possibility that the Overseeing Organisation or the employer would be taking on the obligations of the manufacturer under CPR.

- 6 (02/16) Contract specific Appendix 2/6 should be used to identify any additional environmental site clearance requirements including programming constraints or restrictions on working methods. These would include, but not be limited to, ecological measures including seasonal constraints, the requirements for dealing with injurious and/or invasive species and the requirements for dealing with archaeological features.

NG 203 (02/16) Explosives and Blasting

- 1 (02/16) Where blasting for demolition of structures or removal of tree stumps is to be permitted, details should be given in contract specific Appendix 2/4. This should include, or refer as necessary to requirements for control of noise and vibration given in contract specific Appendix 1/9. Further guidance is given in NG 607.

NG 204 (02/16) **Hazardous Materials**

1 (02/16) Where site clearance could involve the handling and disposal of hazardous materials (eg. asbestos) the compiler should have discussions with the Environment Agency, or Natural Resources Wales, appropriate environmental health authority and/or the Health and Safety Executive and include in contract specific Appendix 2/5 any specific requirements and/or, as a guide, measures which would be acceptable to them. Cross-reference to contract specific Appendix 1/23 may be appropriate. The extent of any hazardous materials should be identified in contract specific Appendix 2/1.

(02/16) NG SAMPLE CONTRACT SPECIFIC APPENDIX 2/1: LIST OF BUILDINGS, ETC, TO BE DEMOLISHED OR PARTIALLY DEMOLISHED

[Note to compiler: List the buildings and structures to be demolished or partially demolished, together with any further requirements.]

Address	Description	Drawing No.	Ref No.	Requirements

[The column headed 'Requirements' is available for including such instructions as:]

- (i) Restrictions on when buildings, etc. can be demolished, or partially demolished.
- (ii) Any particular precautions to be taken during demolition.
- (iii) Extent of demolition.
- (iv) Method of filling voids.
- (v) Material to be retained.
- (vi) Treatment of adjoining properties, waterproofing, etc.
- (vii) Identification of any hazardous materials, cross referenced to contract specific Appendix 2/5.

(02/16) NG SAMPLE CONTRACT SPECIFIC APPENDIX 2/2: FILLING OF TRENCHES AND PIPES

[Note to compiler: If it is wished to vary the requirements of sub-Clause 201.3, state the particulars in this Appendix.]

Examples are:]

- (i) Removal of pipes, services, etc. over 1 m below formation.
- (ii) Filling of pipes over 1 m below formation.
- (iii) Backfilling of trenches.
- (iv) Retention of pipes, services, etc. within 1 m of formation.

(02/16) **NG SAMPLE CONTRACT SPECIFIC**
APPENDIX 2/3: RETENTION OF MATERIAL ARISING
FROM SITE CLEARANCE

[Note to compiler: The following is a list of more common materials arising from site clearance and should be amended and developed as appropriate.]

Description	Location	Delivered to:	Requirements
Kerbs, quadrants Paving Setts Chamber covers Gully gratings & frames Gates and fencing Safety barrier components Traffic signs Bollards Road studs Traffic signals Road lighting columns Luminaires Electrical equipment Communications equipment Cables Timber arising from trees			

[The column headed 'Requirements' is available for including such instructions as:]

- (i) Disconnection of electrical supplies.
- (ii) Transportation of equipment.
- (iii) Stacking/storage of material.
- (iv) Reinstatement of voids left by removal of equipment.

(02/16) **NG SAMPLE CONTRACT SPECIFIC
APPENDIX 2/4: EXPLOSIVES AND BLASTING**

[Note to compiler: Insert the following text as appropriate, amended and extended as required:]

- 1 (02/16) The Contractor's attention is drawn to the measures for the control of noise and vibration which are included in contract specific Appendix 1/9.
- 2 (02/16) Explosives shall not be used in the following locations:

.....
.....

(02/16) **NG SAMPLE CONTRACT SPECIFIC
APPENDIX 2/5: HAZARDOUS MATERIALS**

[Note to compiler: Insert, where appropriate, the following text, amended and extended as required:]

- 1 (02/16) The*[compiler to insert details of the authorities that have been consulted and which have provided specific requirements or agreements]* have given/agreed the following specific requirements for dealing with the hazardous materials identified in contract specific Appendix 2/1:

Drawing Number	Reference Number	Specific Requirements by <i>[insert name and address]</i>

(02/16) NG SAMPLE CONTRACT SPECIFIC APPENDIX 2/6: SITE CLEARANCE ENVIRONMENTAL REQUIREMENTS

[Note to compiler: include here requirements with respect to the following as necessary. Cross-reference other contract specific Appendices as appropriate including Appendices 1/7 and 1/13]

- 1 (02/16) Ecological site clearance restrictions or measures *[cross reference Series 3000 Clauses and/or contract specific Appendices as appropriate]*.
- 2 (02/16) Archeological site clearance restrictions or measures.
- 3 (02/16) Other measures or restrictions.