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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 240 FENCES AND GATES

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SECTION 240

FENCING AND GATES

Fences generally 240.001

Fences shall be constructed in line with the recommendations of NR/SP/TRK/05100.

Fences shall be accurately set out and erected to the lines shown on the Contract Drawings to provide a smooth alignment in plan and elevation, and shall follow the contours of the ground as closely as is practicable.

Fences shall be effectively joined to existing fences, walls or other structures to provide a complete barrier to persons or animals as appropriate.

Fencing taken down shall be replaced either by new fencing or fencing to a standard not less than the existing whenever the Site is left unattended.

Existing fences and gates 240.002

Existing fences and gates are as listed in Appendix 240/1.

New fences and gates 240.003

Existing fences and gates shall be replaced with new fences and gates of the same type except where the standard of fence shall be upgraded as detailed in Appendix 240/2.

Inspection of lineside fences, access gates, walls and hedges 240.004

Visual inspections and reporting to the Employer's Representative of the condition of lineside fences, access gates, walls and hedges shall be carried out by competent Contractor's personnel at not less than the frequencies specified in Clause 5 of NR/SP/TRK/05100.

The Employer's Representative shall be notified of any fence line that has moved horizontally or vertically since the previous inspection.

During the inspection:

- (i) short lengths of defective fencing shall be made good,
- (ii) minor repairs to fences, access gates or walls shall be carried out, such as tightening of line wires,
- (iii) undergrowth shall be kept clear of the fence line.

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The Employer's Representative shall be advised by the Contractor using Form F in accordance with the model shown in Annex 240A where for any length of fencing:

- (i) the amount of work required necessitates replacement of more than 15% of one or more of the fence components to maintain the integrity of the fence,
- (ii) the existing fence type is inappropriate to the hazard rating.

Maintenance of lineside fences generally

240.005

Lineside fences shall be maintained in good repair to prevent trespass on Network Rail owned infrastructure.

Works shall be carried out to repair damage by third parties, and to maintain the fence in a condition that prevents penetration by stock or by persons walking erect except by dismantling or the use of tools.

Such works (excepting those carried out in respect of damage by third parties) shall be limited to the replacement of up to 15% of each class of fence component during the Contract period.

Records

240.006

Records shall be kept of all repairs made to existing fencing, and a copy provided to the Employer's Representative.

Repairs required as a result of trespass or vandalism shall be separately identified and the details to be recorded in such instances shall include:

- (i) the extent of damage, and the date and time it was found or reported,
- (ii) the man hours, materials and equipment used in repairing the damage to the fence.

Arrangements with adjoining Landowners

240.007

Before the commencement of fencing works, arrangements shall be made with Landowners whose property adjoins that of Network Rail for any access additional to that specified in the Contract. Adequate notice shall be given by the Contractor to adjoining Landowners of the commencement of the fencing works.

Pasture land, hedges, crops and animals

240.008

Damage to pasture land, hedges or crops which may arise as a result of the fencing works shall be kept to a minimum. Only designated routes and tracks agreed with the adjacent landowner shall be used.

Materials shall not be left on the Site, or used in a manner that could cause injury to or be swallowed by animals.

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Site clearance **240.009** The line of the fencing shall be completely cleared including cutting down undergrowth, cutting back and grubbing up shrubs and any other obstructing matter.

Before erection the ground along the line of the fencing shall be trimmed to remove any irregularities to ensure that the fence infilling may be erected at a constant distance from the surface of the ground.

Vegetation shall be trimmed as necessary for the erection of the fencing. Established trees and shrubs close to the fence line shall be trimmed or coppiced where practicable to avoid grubbing up. Branches of established trees that are to be removed shall be cut back to a branch collar.

Trees and other plants that are to remain shall not be damaged, and where necessary provision shall be made for the protection of their roots during the Works.

Tree Preservation Orders and Sites of Special Scientific Interest (SSSI) that may be affected by this work are listed in Appendix 240/3.

Where a tree or shrub requiring trimming is outside Network Rail owned land, the occupier of the land on which the plant grows shall be asked to trim the plant clear of the Network Rail owned land. If the occupier fails to do so within a reasonable time period the trimming shall be carried out by the Contractor and the cuttings shall be handed back to the occupier unless the occupier agrees otherwise, in which case the cuttings shall be removed from the Site by the Contractor.

Attachments to or materials adjoining existing fences **240.010** Where the occupier of land adjoining Network Rail owned land has made an attachment to or placed material against the boundary fence in such a way as to impede the Works, the Employer's Representative shall be advised accordingly and the occupier shall be requested by the Contractor to release the attachment or move the material. If the occupier fails to do so within a reasonable time period the attachment shall be released or the material moved by the Contractor without causing damage.

Disposal of vegetation, redundant materials, and surplus spoil **240.011** Disposal of vegetation and redundant materials by burning shall only be carried out with the written consent of the Employer's Representative. Where burning is not permitted, vegetation and redundant materials shall be cleared away from the Site by the Contractor.

Where existing fencing is taken down, unwanted post holes shall be filled in with spoil arising from the excavations for the new fencing.