

Q50 Site/street furniture/equipment

Clauses

2 To be read with preliminaries/ general conditions.

Gates, barriers and parking controls

190 Bollards B

1. Description: Stainless Steel Bollard
2. Manufacturer: Marshalls Or similar Approved
 - 2.1. Product reference: RS001 Bollard dia 129 Root Fix. Anti-Ram
3. Material: Steel
 - 3.1. Finish as delivered: Hot-dip galvanized. Brushed satin. to BS EN ISO 1461
 - 3.2. Colour: Grey Aluminium as supplied
4. Height above ground: 1000 mm
5. Method of fixing: To manufacturers guidelines. suitable as anti-collision/building protection item. Root fixed, no visible fixings.

Site and street furniture

210A Cycle stands CS

1. Manufacturer: Proprietary Sheffield style stainless steel cycle stands. Broxap or equal approved.
 - 1.1. Finish: Stainless steel Satin Finish
 - 1.2. Colour: As supplied
 - 1.2.1. Accessories: None.
 - 1.2.2. Method of fixing: Baseplate bolted to 400x400mm concrete base, 100mm below surface finishes
- in accordance with supplier recommendations. No visible fixings. .

220A Benches B1

1. Description: Kiwi Bench, with backrest and armrests. Refer to drawing: AGV-GRA-BZ-XX-DR-L-003001
2. Manufacturer: Escofet, available from Marshalls Ltd or equal approved Tel. 03333 053504 Email: info@marshalls.co.uk.
 - 2.1. Finish: Powder coated finish.
 - 2.2. Colour: Silver
3. Size: 180cm length
4. Accessories/ Special requirements: None.
5. Method of fixing: In accordance with manufacturer's recommendations
6. End brackets for ground fixing, M10 x 16 bolt fixings. Note: Fixing detail to ensure no exposed footings. Refer also to Details. Localised concrete footing required to each seat location, to Engineer's details and specification.

220B Benches B2

1. Description: Cube seating. Refer to drawing: AGV-GRA-BZ-XX-DR-L-003001

2. **Manufacturer:** Bramhall1840 Ltd or equal approved Unit 5, Clarence Works Effingham Road Sheffield S4 7YS Tel. 0845 643 9882
 - 2.1. **Material:** FSC Certified Solid Hardwood timber cubes e.g. Seasoned Oak or equal approved.. Planed and sanded, free from burrs and splinters..
 - 2.2. **Colour:** Natural, as supplied
3. **Size:** 450mm wide x 450mm length x 550mm high.:
4. **Method of fixing:** Concealed fixings and footings.

350B Bird boxes HB2

1. **Manufacturer:** Black Redstart nest box: e.g. Schwegler open fronted brick box 1HE (www.schwegler-nature.com) or equal approved.
Location: Roof level, Plot B1, mounted to upstand element in north-facing position with maintenance access from roof level.
Peregrine Ledge: e.g. Schwegler Peregrine Falcon nestbox (www.schwegler-nature.com)
Location: Roof level, Plot B2 to outer edge of roof with maintenance access from roof level.
 - 1.1. **Product reference:** non- combustible range
2. **Material:** Stainless steel boxes, with integral finish to match Architectural façade finishes. Type and size to suit target species. Refer to Drawings for number and type. Orientation and height guidance to Ecologist's advice.
3. **Method of fixing:** To supplier's recommendations, and in accordance with the facade design requirements eg. mortared in place
4. **Location :** Starling and swift boxes to be incorporated into the facade details. Refer to Architectural elevations for locations.

350C Bat boxes HB1

1. **Manufacturer:** The Bird Bat House Company
 - 1.1. **Product reference:** non- combustible range
2. **Material:** Stainless steel boxes, with integral finish to match Architectural façade finishes. Type and size to suit target species. Refer to Drawings for number and type. Orientation and height guidance to Ecologist's advice.
3. **Method of fixing:** To supplier's recommendations, and in accordance with the facade design requirements eg. mortared in place
4. **Location :** Bat boxes to be incorporated into the facade details. Refer to Architectural elevations for locations.

Timber structures

360 Bug Hotel BH

1. **Manufacture :** Contractor to suggest product for approval.

Installation

510 Concrete foundations generally

1. **Standard:** To BS 8500-2.
2. **Concrete:** Designated, not less than GEN 1
3. **Admixtures:** Do not use.
4. **Foundation holes:** Neat vertical sides.
5. **Depth of foundations, bedding, haunching:** Appropriate to provide adequate support and to receive overlying soft landscape or paving finishes.

530 Preservative treated timber

1. Surfaces exposed by minor cutting and drilling: Treated by immersion or with two flood coats of a solution recommended for the purpose by main treatment solution manufacturer.
2. Heavily worked sections: Re-treat.

540 Building in to masonry walls

1. Components being built in: Accurately positioned and securely supported. Set in mortar and pointed neatly to match adjacent walling.
2. Temporary support: Maintain for 48 hours (minimum) and prevent disturbance.

545 Erection of timber and prefabricated structures

1. Checking: 5 days (minimum) before proposed erection date, check foundations, holding down bolts, etc.
2. Inaccuracies or defects in prepared bases or supplied structures: Report immediately. Obtain instructions before proceeding.

550 Damage to galvanized surfaces

1. Minor damage in areas up to 40 mm² (including on fixings and fittings): Make good.
 - 1.1. Material: Low melting point zinc alloy repair rods or powders made for this purpose or at least two coats of zinc-rich paint to BS 4652.
 - 1.2. Thickness: Sufficient to provide a zinc coating at least equal to the original layer.

552 Damage to painted surfaces

1. In accordance with Section: **M60** of this Specification
2. Contractor to notify: CAof any damage to powder coated elements/finishes (e.g. street furniture, railings, etc.) immediately in order to agree a rectification/repair/replacement strategy
3. Any rectification/repair works, and/or replacements, are to be carried out by the Contractor at no additional cost to the Contract

555 Damage to powder coated surfaces

1. In accordance with Section: **Z31** of this Specification
2. Contractor to notify: CAof any damage to powder coated elements/finishes (e.g. street furniture, railings, etc.) immediately in order to agree a rectification/repair/replacement strategy
3. Any rectification/repair works, and/or replacements, are to be carried out by the Contractor at no additional cost to the Contract

560 Site painting

1. Timing: Prepare surfaces and apply finishes as soon as possible after fixing.

Ω End of Section