

Report Title: Cycle Storage Standard Specification v1

From: Environment and Sustainability

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Introduction

The University provides cycle storage for staff, students and visitors on all campuses.

Standard provision for all secure cycle stores shall include:

- A secure structure with sufficient defence from unauthorised entrance.
- ‘Sheffield’ style single tier racks, at 1m spacing (absolute minimum 900mm), with at least 0.5m clearance from walls or obstructions.
- Secure access via G4S maglock and University ID card access system, or via residential fob access system on hall sites.
- Door fitted with automatic door closer and alarm.
- Emergency exit button within the store, not reachable from any external part of the structure.
- PIR lighting.
- Appropriate CCTV coverage as agreed with University Security Team.
- Provision of a storage bar for bike locks.
- Provision of an A3 lockable noticeboard on the outside of the store, close to the door.
- Provision of a chained track pump for bicycle repair.

Please note, two-tier storage solutions shall not be accepted without suitable justification and provision for ongoing maintenance.

Standard provision for all external cycle storage is:

- Stainless steel ‘Sheffield’ style single tier racks, at 1m spacing (absolute minimum 900mm), with at least 0.5m clearance from walls or obstructions.
- Racks to be located as close to building entrance or arrival points as practically and safely possible.
- Racks to be located with consideration of natural surveillance and CCTV coverage to dissuade cycle theft.
- Racks to be secured in place via concrete footings or ground anchor bolts.

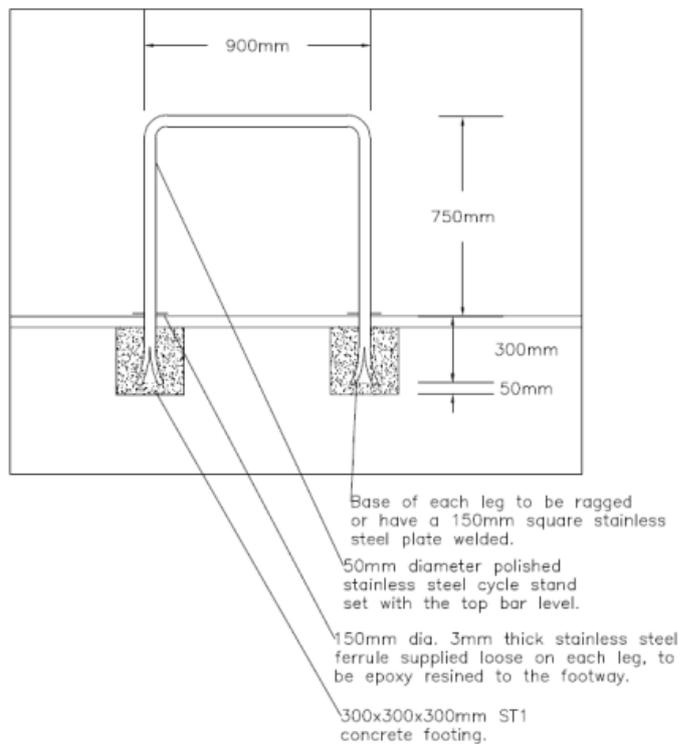
Report

Specification detail taken from Southampton City Council Supplementary Planning Guidance

5.2 Basic recommendations for Short Stay Cycle Parking

Short stay parking should be located nearer to the building entrance than the nearest car parking, and in a location highly visible to people, to reduce threat of theft or vandalism.

Short stay parking should be provided using Sheffield type stands and variants of these, with recommended minimum dimensions set out in *Figure 6*. These stands need to be placed a minimum of one metre apart in order to enable easy use of the parking. Recommended layouts and dimensions for use in Southampton are set out in *Figure 7*. Obsolete "butterfly" design (wheel only) stands are not appropriate.



Notes

- 1) Stainless steel to be marine grade 316 with polished finish to all surfaces.
- 2) Tube thickness to be 3mm minimum. Tube bends shall be to 150mm radius with no tube crushing.
- 3) Erection of stands in PCC flags shall be carried out such that the reinstatement is hidden beneath the stainless steel disc which shall be epoxy resined to the underlying surface.
- 4) In certain cases it may be appropriate to specify a cycle stand with flanged feet bolted at ground level. In this case consideration should be given to the security of the stand, the design of the fixings with respect to aesthetics, and the level of the ground surface. Design drawings should be presented for approval.

Figure 6: Southampton City Council Standard detail drawing for Sheffield Stand cycle parking