# Checklist

This document is a supplement to the Bicycle Parking Design Guide and serves as an additional aid in the design and construction of bicycle parking facilities. The list of design parameters is exemplary and not exhaustive. Further details can be found in the guide: *https://studio.argus-hh.de/bicycle-parking-design-guide/*

## 00 Design
General requirements ☐

**Space and atmosphere**
- *Friendly, bright, using natural light sources where suitable*
- *Inviting color scheme*
- *Sightlines between levels for multi-level facilities*

**Materials**
- *High quality*
- *Durable*
- *Promotes pleasant acoustics*

**Functions**
- *Clear distinction between parking, manoeuvring and driving areas*
- *No elements where bicycles can be improperly parked/locked*
- *Clear distinction between bicycle and pedestrian lanes*
- *Minimization of pedestrian and bicycle intersections*

## 01 Reachability ☐

**Location according to parking time**
- *Parking facilities are located in appropriate distances, differentiated by short- and long-term parking → p. 22*

**Quality of access**
- *Parking facilities are accessible by bicycle and are barrier-free*
- *Pleasant accessibility of the access road (flooring)*
- *Height differences are being bridged (ramps, elevators)*

## 02 Visibility ☐

**Wayfinding**
- *Wayfinding system (color coding, numbered bicycle parking spaces)*
- *High and unobstructed visibility of signs*
- *Digital parking guidance system for larger parking garages*

**Lighting**
- *If possible: daylight through windows or skylights*
- *Bright general lighting, at least 75 lux and 100 lux above driving aisles*
- *Adequate lighting of the leaning brackets/parking systems (avoidance of obstructed view due to own shadows)*
- *Avoidance of dark, poorly visible corners and spaces*

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## 03 Accessibility ☐

**Ramps**
- *Slope maximum 6 %; in exceptional situations maximum 10 %*
- *Two cyclists can meet without conflict*
- *Minimization of the distance between ramps and bicycle parking spaces*

**Doors**
- *Open automatically*
- *Are transparent*
- *Sufficient width for two cyclists to meet*
- *Minimization of the number of doors between the entrance and the bicycle parking spaces*

**Lanes and accesses**
- *Separate lanes for each direction of travel*
- *Encounters between cyclists (including those with cargo bikes) are possible without conflicts when riding and pushing (see p. 26)*

## 04 Protection ☐

- *Protection against theft, weather and vandalism (especially for long-term parking)*
- *Larger bicycle parking facilities: monitoring at entrances and exits (by staff if necessary)*
- *Lockers for equipment are available*

## 05 Safety ☐

- *Sidewalks and roadways do not lead to dead ends*
- *Video surveillance systems are installed and visible*
- *Clear sightlines are existing*
- *Exits are easy to find and clearly marked*

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## 06 Variety ☐

**Various parking systems**
- *Leaning brackets*
- *Leaning brackets with knee rail (for children‘s bikes and smaller bicycles)*
- *Double-deck parkers*
- *Ground anchors*
- *All parking systems are user-friendly*

**Measurements**
- *The dimensions (see p. 31 ff.) were fulfilled - in exceptions only slightly undercut*
- *Width of lanes is adequate for the intensity of use during peak hours*
- *Driving aisle between double-deck parkers is passable while rail is extended*
- *Cargo bikes can be easily parked, locked and maneuvered*
- *The organization of the bicycle parking spaces is user-friendly*

**Use cases were considered**
- *Parking spaces for cargo bikes and children's bikes are close to each other*
- *E-charging infrastructure is available in the form of charging cabinets*
- *Special bicycles can also be parked*

## 07 Service ☐

**E-charging infrastructure**
- *Charging cabinets for 50% of the bicycle parking spaces*
- *Charging cabinets for 100% of the cargo bike parking spaces*
- *Charging cabinets are located near the bicycle parking spaces*
- *Charging cabinets are lockable and protected against theft*

**Other bicycle services**
- *Repair station*
- *Air pump*
- *Vending machine for spare parts*
- *Washing system*
- *Showers and locker rooms (especially in the context of larger companies)*