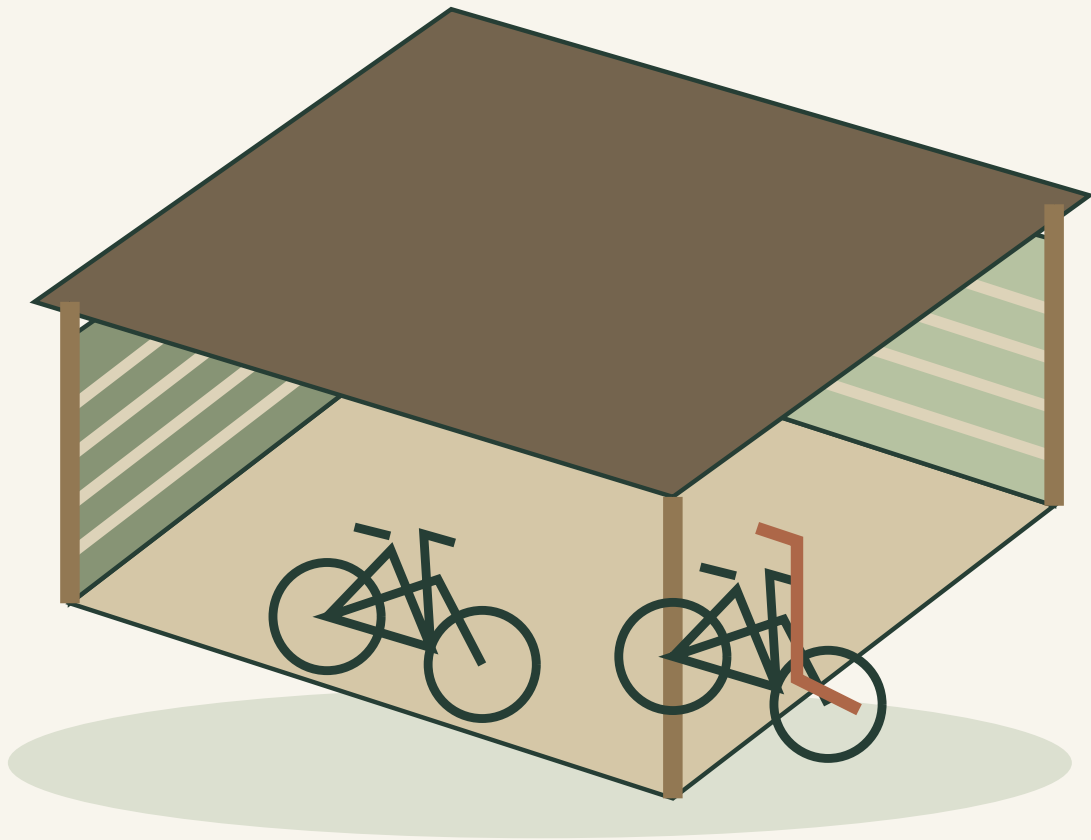


Open-front Bike Storage Case Study

A documented 3x3 Custom build for children's bikes, scooters and outdoor toys. Its open front puts direct retrieval ahead of enclosed storage.



ShedBuildPlans · Original diagram · Illustrative form; verify all site conditions

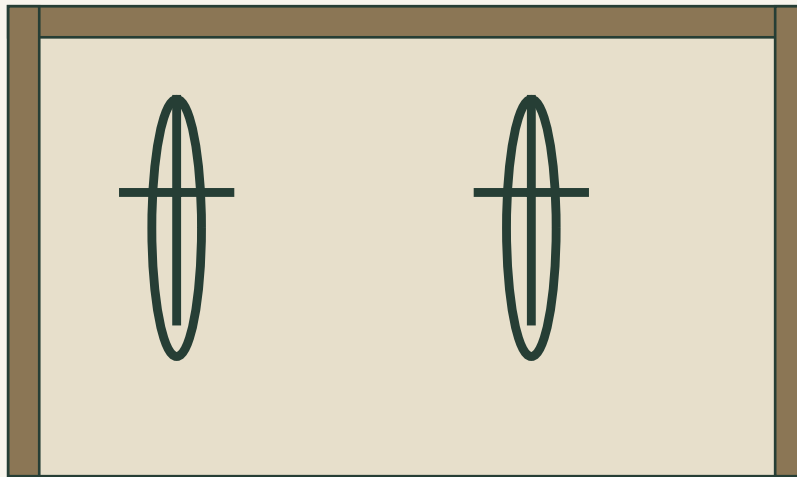
Consider this direction: Visible, direct access to children's bikes and scooters.

Resource scope: Original example inputs, layout diagrams and a measurement checklist. No cut list, structural details or permit determination.

Separate the dimension labels

Separate the dimension labels

Unscaled original schematic; no verified clear dimensions



Open front · no dimension scale

ShedBuildPlans · Original diagram · Not to construction scale

The original PDF contains materials, cuts and steps. Its first-page width is not a usable-interior measurement. Its front-opening label must not be relabeled as footprint depth.

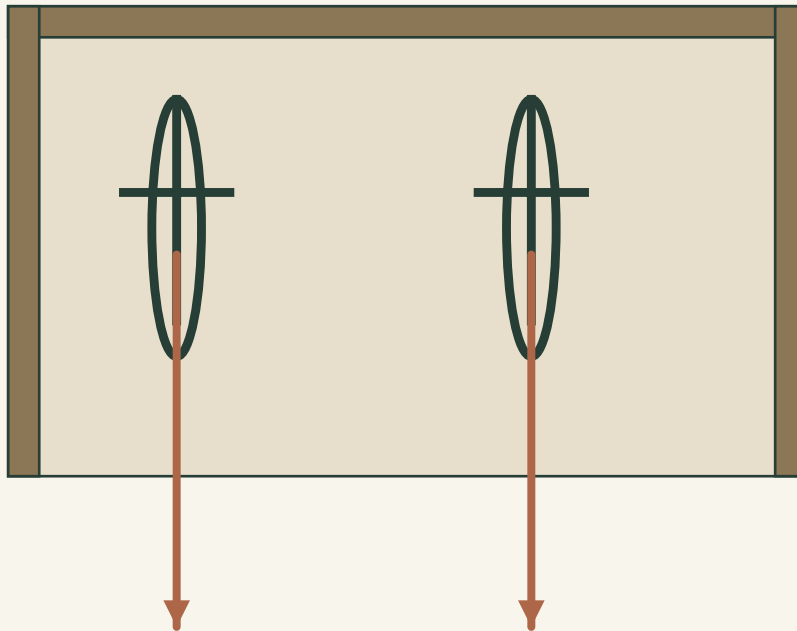
The shapes represent a retrieval arrangement, not a count of bikes that will fit your equipment.

The source PDF lists 7 ft width, 4 ft front opening and 5 ft rear height. Opening axis and usable depth are not verified; do not infer a 7×4 ft footprint.

Retrieve directly from the front

Retrieve directly from the front

Unscaled action study; route width unknown



ShedBuildPlans · Original diagram · Not to construction scale

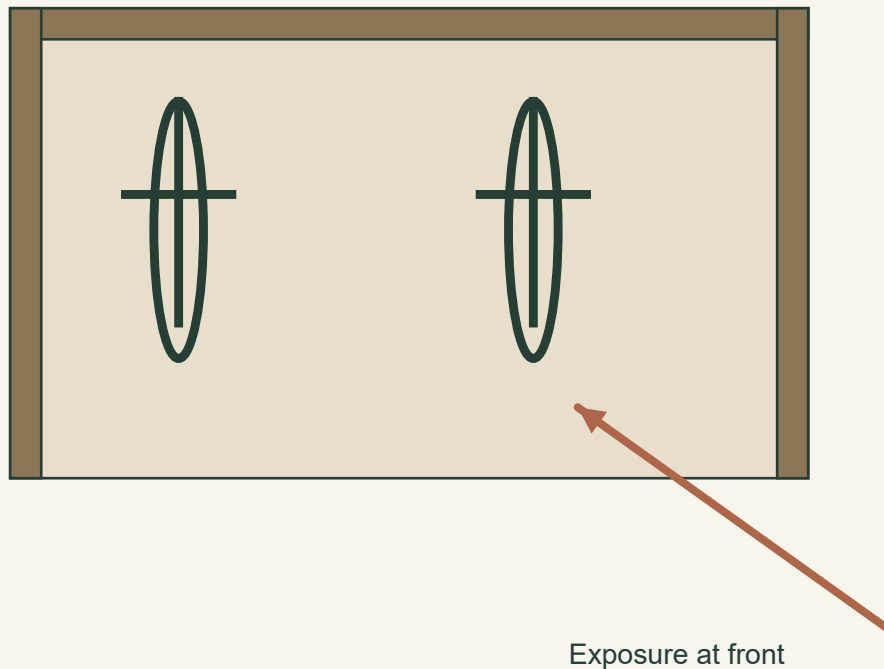
Keep an approach in front of the chosen bike or scooter. Verify your handlebars, wheelbase and ability to lift or roll over the threshold.

The source's children's-equipment use does not establish independent retrieval of larger bikes.

Access versus enclosure

Access versus enclosure

Exposure relationship only; no weather-performance result



ShedBuildPlans · Original diagram · Not to construction scale

Choose an open front only after considering weather exposure and security. A roof outline alone does not prove that stored items remain dry.

Compare with the enclosed 7×4 bike case; keep its source-reported size and unknown capacity separate from this project.

Measure before choosing

1. Measure your equipment, roof projection, usable depth and clear approach.

2. Confirm anchorage, weather exposure, locking needs and local requirements.

3. Check source revisions before using the author's material and cut lists.

Sources and file identity

3x3 Custom — DIY Bike Shed — original build account. Checked 2026-09-14.

<https://www.3x3custom.com/tutorials/2018/5/30/diy-bike-shed>

ShedBuildPlans — Original assumptions and diagram manifest. Checked 2026-09-14.

<https://shedbuildplans.com/project-resources/2026-09-14-r4-v2/editorial-manifest.json>

Project P04 · Study 2026-09-14-r4-v2 · Geometry P04-geometry-v1. The source PDF lists 7 ft width, 4 ft front opening and 5 ft rear height. Opening axis and usable depth are not verified; do not infer a 7×4 ft footprint.