THE DIYCRAFT PLAN COLLECTION

# Four-Foot Window Planter



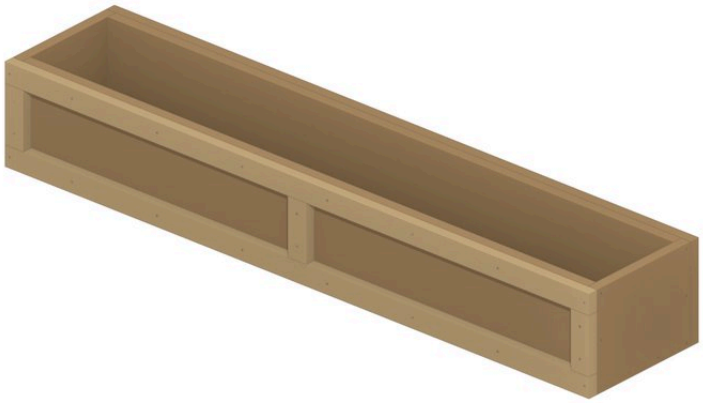
**FREE | DESIGN REVIEW DRAFT**

**5 illustrated steps | 30 drains | flat wall cleat**

Owner acceptance pending | local review only

DESIGN REVIEW DRAFT / GBED24

# Free & Premium Plans



| Included feature | Free | Premium |
|---|---|---|
| **Construction steps** | **5** | **5** |
| Combined 2D/3D construction drawings | ✅ | ✅ |
| Four elevations / Model View | ✅ | ✅ |
| Complete cuts and fit instructions | ✅ | ✅ |
| Consolidated stock / hardware list | | ✅ |
| Recommended tools | | ✅ |
| Dedicated support page | | ✅ |

Free: $0 | Premium: $9.99 USD | Both include Steps 1-5

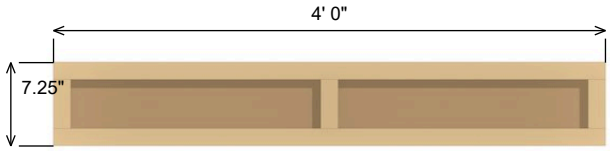
**BUY NOW**

DESIGN REVIEW DRAFT | owner acceptance pending

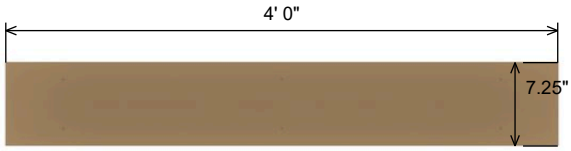
DESIGN REVIEW DRAFT / GBED24

# Size & Dimensions

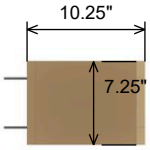
### FRONT



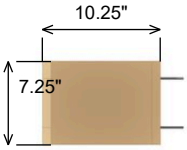

### REAR




### LEFT




### RIGHT




Four elevations at one scale. Overall timber: 48" x 10.25" x 7.25"; wall anchors excluded.

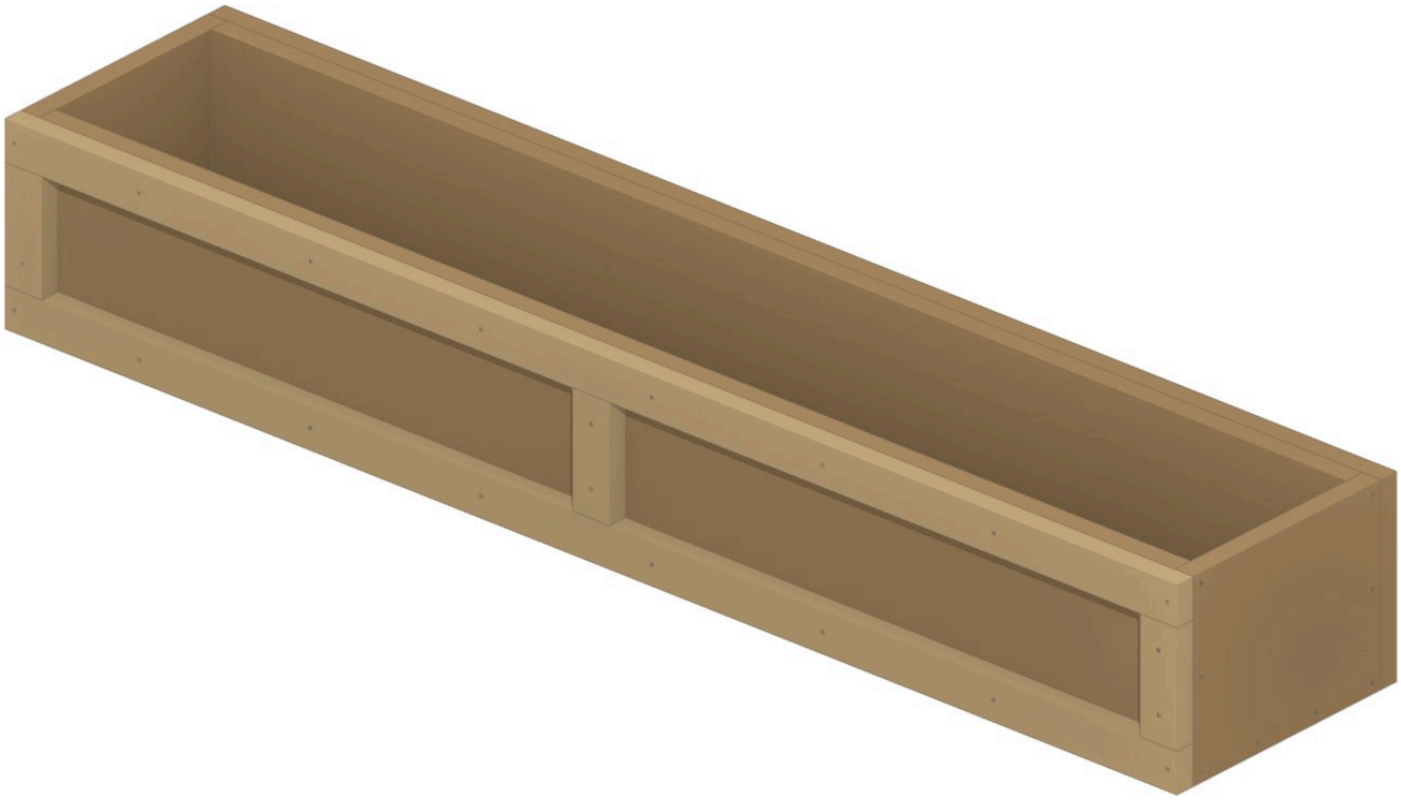
Box body depth 8.75"; front trim and flat rear cleat each add 0.75".

**CHECK BEFORE CONTINUING**

Fitted model dimensions govern this local draft. Wall and anchor design remain external specifications.

DESIGN REVIEW DRAFT / GBED24

# Model View



Finished model: two framed front panels and a flat rear mounting board; no bevel.

The finished box has thirty floor drains, five front trim pieces and a full-width flat rear mounting board. No dimensions appear on this model view.

**CHECK BEFORE CONTINUING**

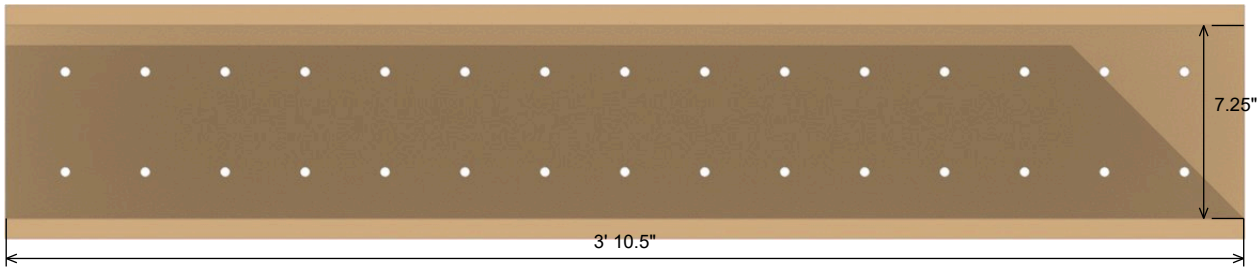
Fit checks establish geometry only. Actual wall support, anchor installation and wet-soil capacity require site-specific verification.

STEP 01 / 05 | DESIGN REVIEW DRAFT

# Body and drainage

Cut three body boards, drill the floor drains, then join the front and back to the floor.

### DETAILED 2D / CUTS AND FIT



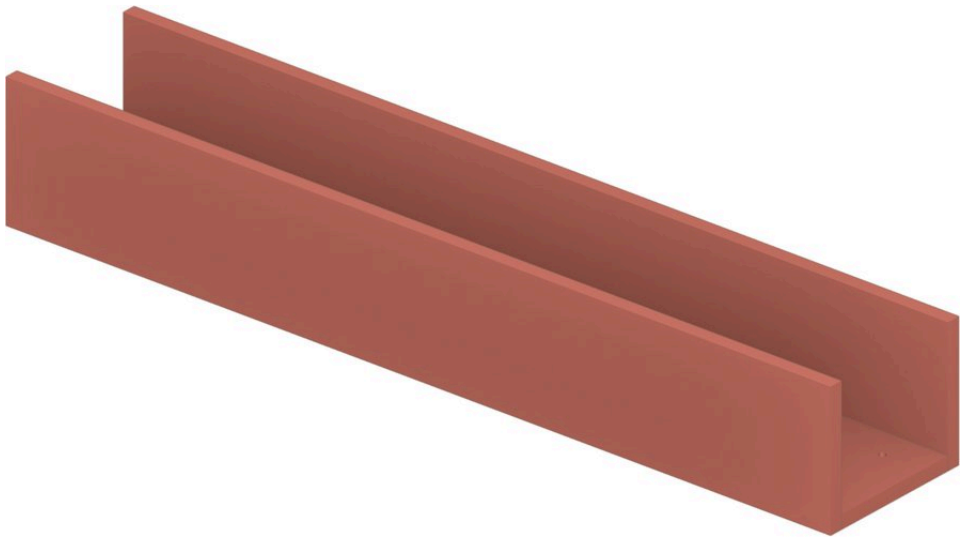

A x3: 46.5" x 7.25" x 0.75"; square ends. Floor lies between both long faces.

30 drains, diameter 0.375"; two rows of 15. x = 3"..45", pitch 3"; 2.25" from floor ends.

Rows y = 2.5" / 6.25"; 3.75" apart, 1.75" from floor edges. Fitted coordinates in inches.

Front/back screw x: 2.25, 7.5, 13, 18.5, 24, 29.5, 35, 40.5, 45.75; z = 0.375.

### CUMULATIVE 3D / CURRENT ADDITIONS IN RED



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| A | Front / back / floor | 1x8; actual .75 x 7.25 | 46.5" square | 3 |

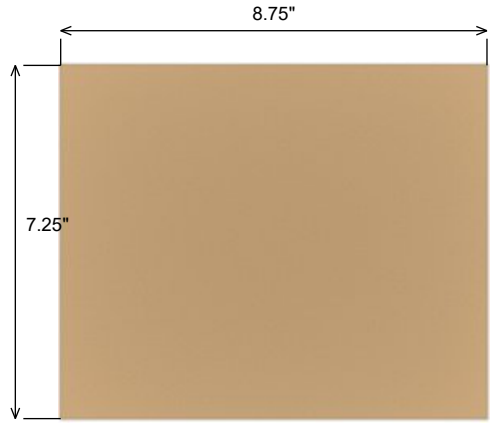
Use 18 of the 34 source-listed 2" screws for front/back-to-floor joints. Front and back start at x=0.75"; bottom fits between them with undersides flush. Drain centers are the checked fitted layout; keep all 30 bores open.

STEP 02 / 05 | DESIGN REVIEW DRAFT

# End panels

Cap both open ends of the body with the two end panels and fasten into all three boards.

### DETAILED 2D / CUTS AND FIT




B x2; square cuts; thickness 0.75".

Caps at x=0..0.75 and 47.25..48 inches.

End screw centers (y,z), inches:

(0.375, 0.375 / 3.625 / 6.875)

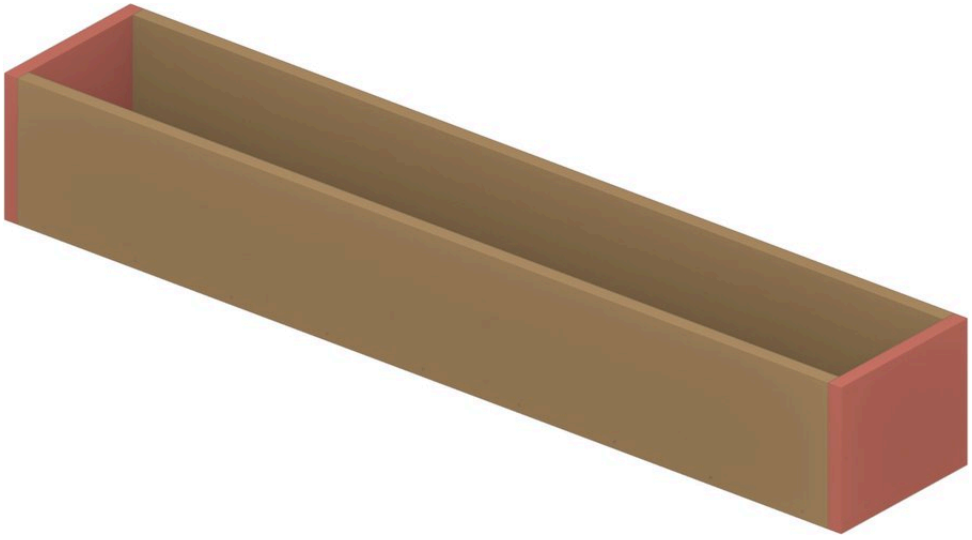
(8.375, 0.375 / 3.625 / 6.875)

(3, 0.375) and (5.75, 0.375)

Mirror the same schedule at both ends.

Centers are the checked fitted layout.

### CUMULATIVE 3D / CURRENT ADDITIONS IN RED



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| B | End panels | 1x8; actual .75 x 7.25 | 8.75" square | 2 |

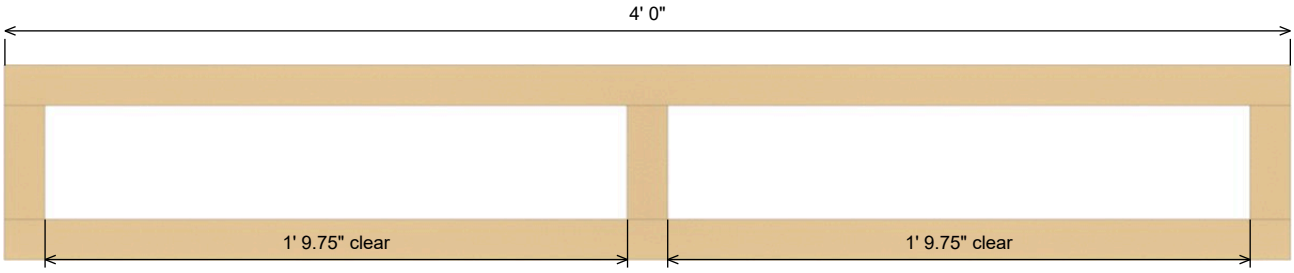
Use the remaining 16 x 2" body screws, eight per end. Caps cover front, back and floor ends. Mark the fitted centers shown above; select pilots and countersinks for the purchased screws to prevent splitting.

STEP 03 / 05 | DESIGN REVIEW DRAFT

# Front trim

Fix the full-width front rails, then fit three uprights between them to form two equal panels.

**DETAILED 2D / CUTS AND FIT**

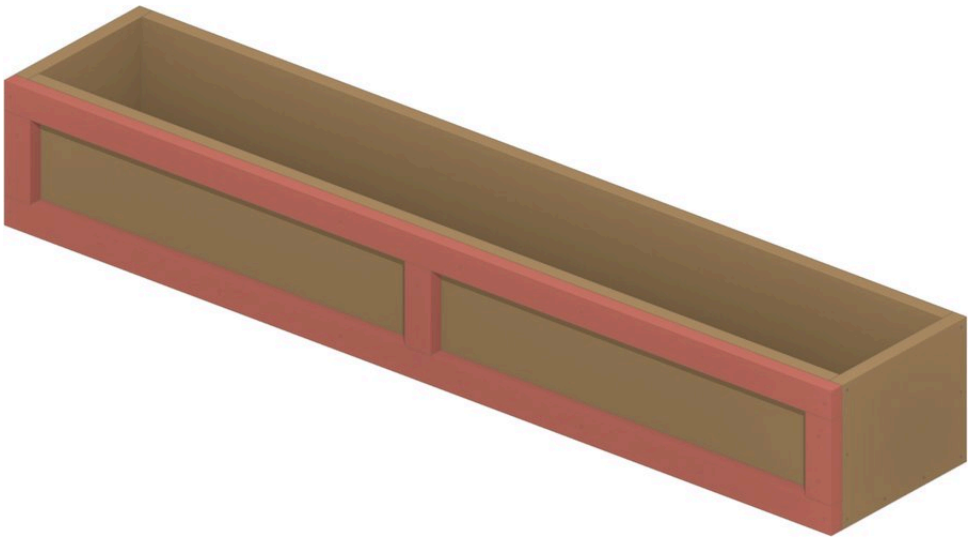



C x2: 48" x 1.5" x 0.75"; D x3: 4.25" x 1.5" x 0.75". All square cuts.

Rails z=0..1.5 / 5.75..7.25. Uprights x=0..1.5 / 23.25..24.75 / 46.5..48.

Eight screws per rail; two per upright. Keep upright ends tight between the rails.

**CUMULATIVE 3D / CURRENT ADDITIONS IN RED**



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| C | Front rails | 1x2; actual .75 x 1.5 | 48" square | 2 |
| D | Uprights | 1x2; actual .75 x 1.5 | 4.25" square | 3 |

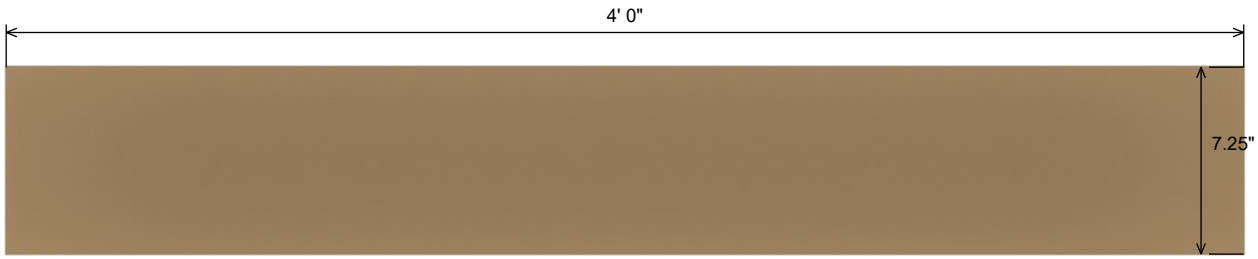
Use 22 x 1.25" screws for trim: eight per horizontal rail and two per upright. Fit rails flush with the top and bottom edges. Model layout gives equal 21.75" bays; actual trim section is 0.75" x 1.5".

STEP 04 / 05 | DESIGN REVIEW DRAFT

# Mounting

Anchor the flat wall board to verified support, then screw the completed box back to it.

### DETAILED 2D / CUTS AND FIT



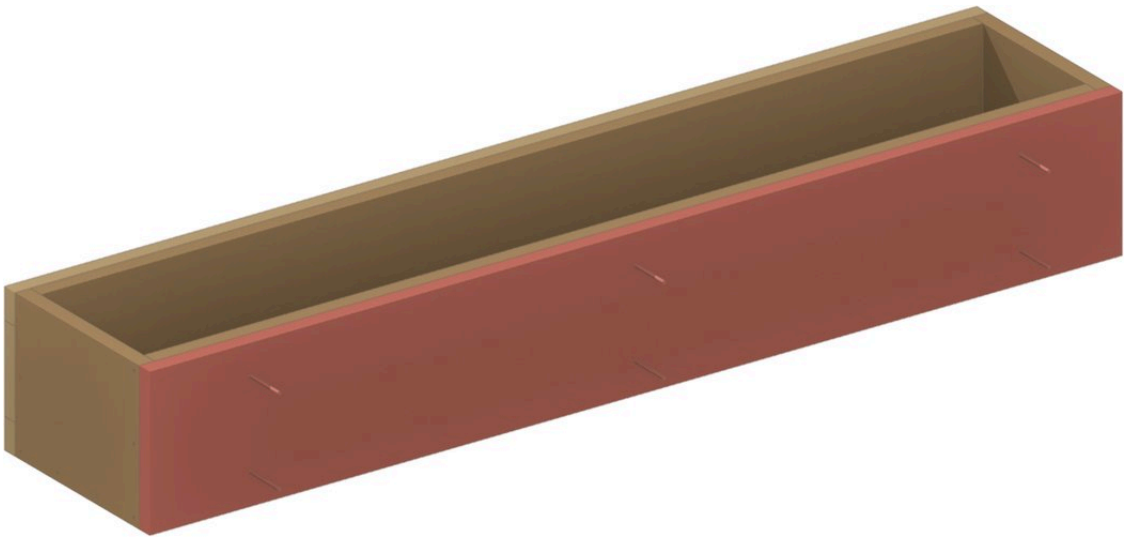

E x1: flat 48" x 7.25" x 0.75"; square edges, NO BEVEL.

Six modeled anchor centers: x=5 / 24 / 43; z=1.5 / 5.75 inches.

Seven back-to-cleat screw centers: x=3 / 10 / 17 / 24 / 31 / 38 / 45; z=4.5 inches.

Fitted layout only: manufacturer and actual wall design govern real anchor installation.

### CUMULATIVE 3D / CURRENT ADDITIONS IN RED



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| E | Flat wall cleat | 1x8; actual .75 x 7.25 | 48"; NO BEVEL | 1 |

Six source-listed 3/16" x 2.75" concrete anchors and seven 1.25" back-to-cleat screws are modeled. Confirm actual substrate, rated anchors, embedment, edge distances and wet-soil load design before installation. No capacity rating is supplied.

STEP 05 / 05 | DESIGN REVIEW DRAFT

# Finishing

Prepare and finish the exposed timber using a suitable exterior product before planting.

**DETAILED 2D / CUTS AND FIT**



**FINISH / INSPECTION**

No new cut or geometry.

Keep all 30 drains open.

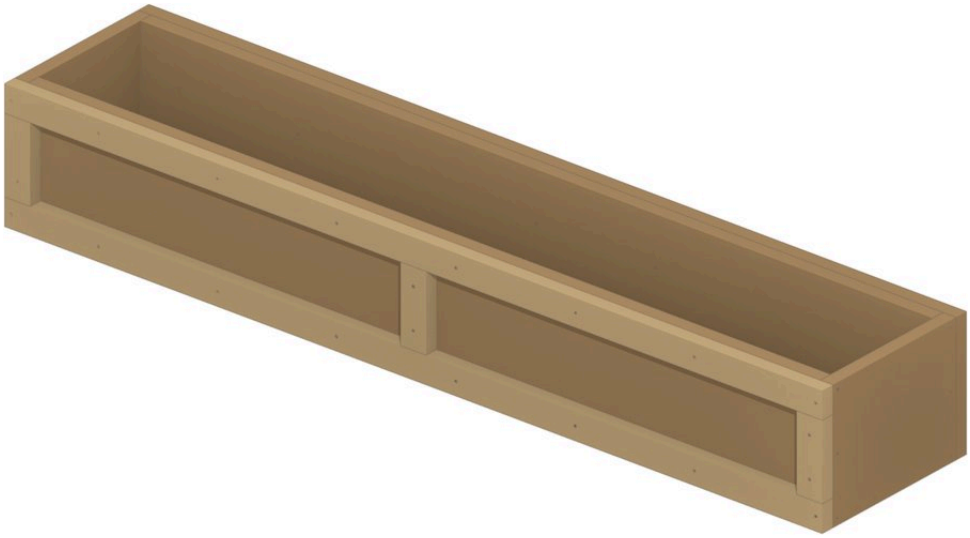
Prepare end grain and edges.

Follow finish cure instructions.

Inspect flat-cleat contact.

Verify wall and anchor design.

**CUMULATIVE 3D / CURRENT ADDITIONS IN RED**



No added parts or red highlight. Sand cut edges; follow the chosen finish preparation, application and cure instructions. Keep drains clear and inspect timber, wall support and fixings before adding wet soil.

DESIGN REVIEW DRAFT / GBED24

# Copyright and liability

## About this plan

This illustrated design guide explains one way to build the project. It is not an engineered construction set, a product certification or a guarantee of performance. Verify dimensions against your actual materials before cutting.

## Your responsibilities

Choose suitable materials, check measurements and joints, and follow the instructions for each tool, finish and fastener. You are responsible for workmanship and safe use. Obtain qualified help where your skills or the project conditions require it.

## Permissions and local requirements

Check any local rules, permissions and property restrictions that apply to your project. A plan purchase does not provide a permit or approval. Contact the relevant authority where requirements are uncertain.

## Liability and your rights

DIYCraft does not supervise construction or use of the finished item. To the extent permitted by applicable law, DIYCraft is not responsible for loss or damage caused by unsafe construction, unsuitable materials, alterations or misuse. Nothing in this notice excludes liability that cannot legally be excluded or limits your statutory consumer rights.

## Copyright and permitted use

Copyright © 2026 DIYCraft. All rights reserved in the original text, illustrations and page artwork in this edition. You may save and print a copy for your own project. You may share a link to the official DIYCraft website. Do not resell, republish, upload or distribute this PDF or its artwork without written permission, except where the law permits. Third-party rights remain with their respective owners.

**CHECK BEFORE CONTINUING**

DESIGN REVIEW DRAFT. Owner acceptance pending. This geometric model establishes no wet-soil load rating or site-specific wall/anchor capacity. Confirm purchased fasteners and installation design before fabrication.