THE DIYCRAFT PLAN COLLECTION

# Three-Foot Window Planter



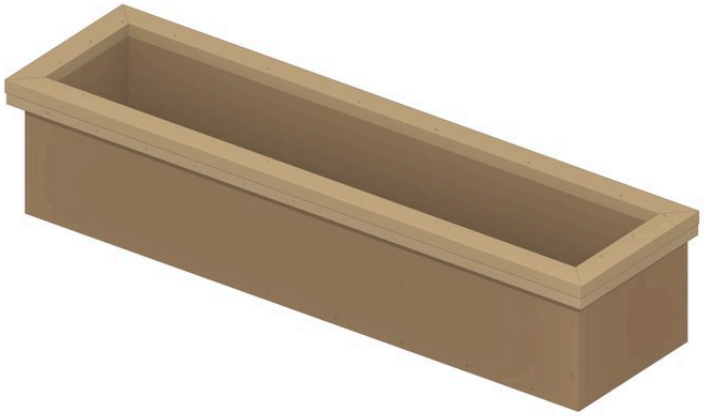
**FREE | DESIGN REVIEW DRAFT**

**7 illustrated steps | 22 drains | removable French cleat**

Owner acceptance pending | local review only

DESIGN REVIEW DRAFT / GBED25

# Free & Premium Plans



| Included feature | Free | Premium |
|---|---|---|
| **Construction steps** | **7** | **7** |
| Combined 2D/3D construction drawings | ✅ | ✅ |
| Four elevations / paired 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 1-7

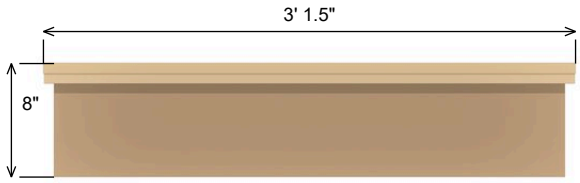
**BUY NOW**

DESIGN REVIEW DRAFT | owner acceptance pending

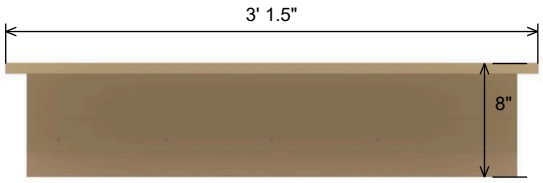
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# Size & Dimensions

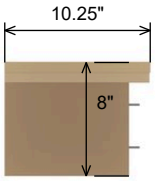
**FRONT**



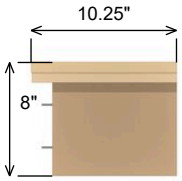

**REAR**




**LEFT**




**RIGHT**




All four elevations share one camera scale; natural material colors. Dimensions in feet and decimal inches.

Body: 36" wide x 9.5" deep x 7.25" high. Rim: 37.5" x 10.25"; overall height 8".

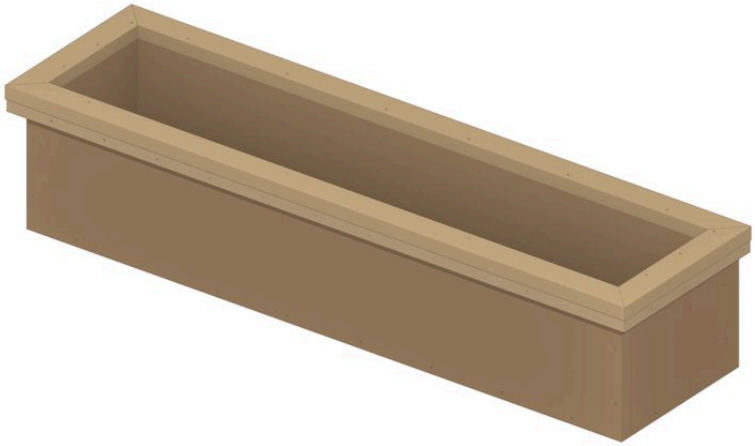
**CHECK BEFORE CONTINUING**

Fitted model dimensions govern this local draft. Wall, anchor design and purchased moulding profile remain external specifications.

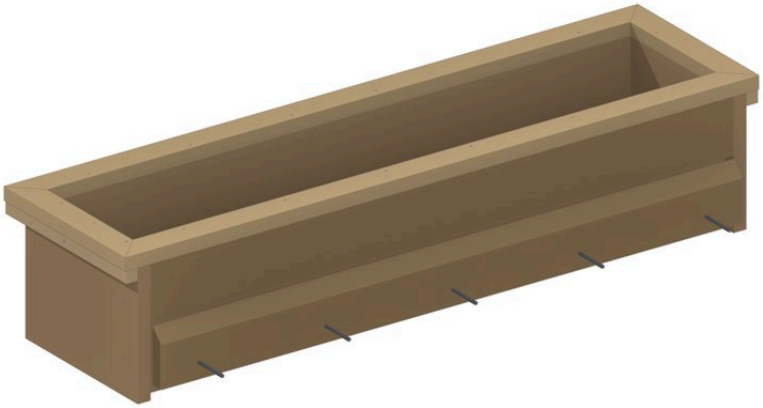
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# Model View

**SEATED**



**LIFTED AND WITHDRAWN**



The removable box carries 88 meshes; the wall cleat and five anchors remain fixed. Seated and withdrawn poses share the saved fitted geometry. No dimensions are applied to these views.

**CHECK BEFORE CONTINUING**

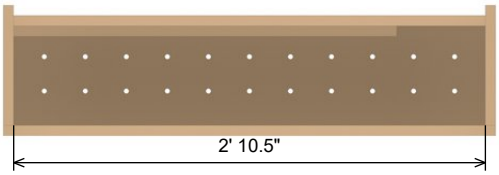
Geometry and motion checks establish fit only. Site support, overhead access, unmodeled screw heads and safe handling need separate verification.

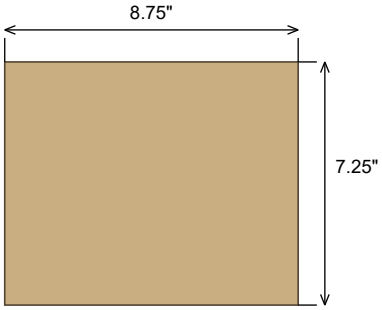
STEP 01 / 07 | DESIGN REVIEW DRAFT

# Build and drain the box

Cut the body boards, drill the 22 floor drains, then join the back and both ends to the floor.

### DETAILED 2D / CUTS AND FIT



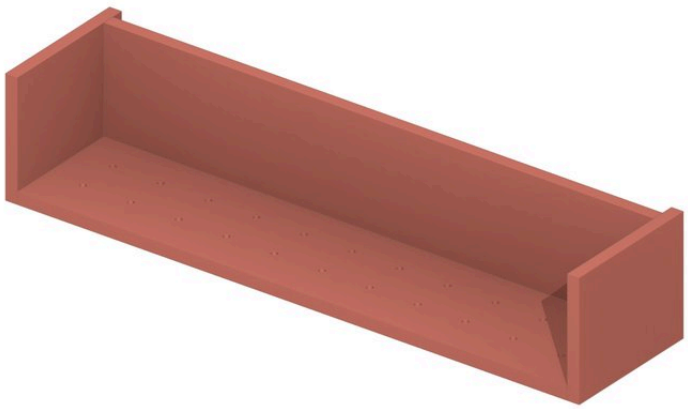




B: FLOOR / BACK x2; 34.5" x 7.25" x 0.75"

C: ENDS x2 8.75" x 7.25" x 0.75"

22 drains, diameter 0.375"
2 rows of 11; x = 3"..33"
X pitch 3"; end offsets 2.25"
y = 2.5" and 5"; row pitch 2.5"
Front offset 2.5"; rear 2.25"

### CUMULATIVE 3D / CURRENT ADDITIONS IN RED



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| B | Back / floor | 1x8; actual .75 x 7.25 | 34.5" square | 2 |
| C | Ends | 1x8; actual .75 x 7.25 | 8.75" square | 2 |

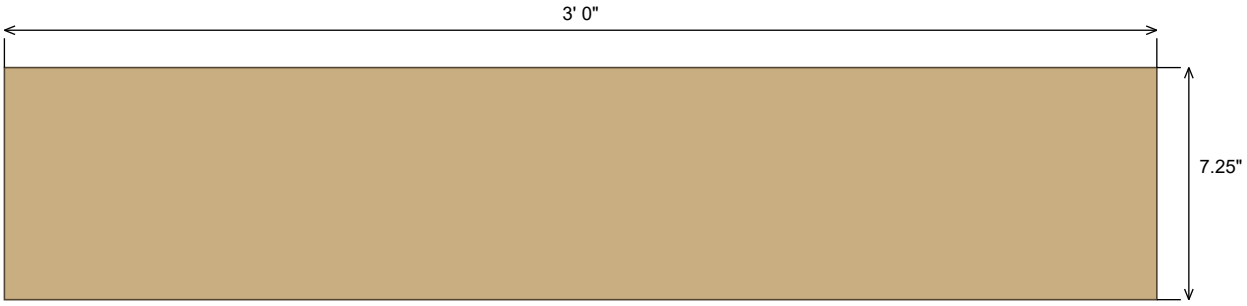
Floor/back fit between the ends; the back is inset 0.75" from their rear edges. Use 16 x 2" screws: 8 back-floor, 4 end-floor, 4 end-back. Drain offsets are fitted-model values; source count and diameter govern.

STEP 02 / 07 | DESIGN REVIEW DRAFT

# Close the front face

Seat the full-width front across both end edges and fasten it to the floor and ends.

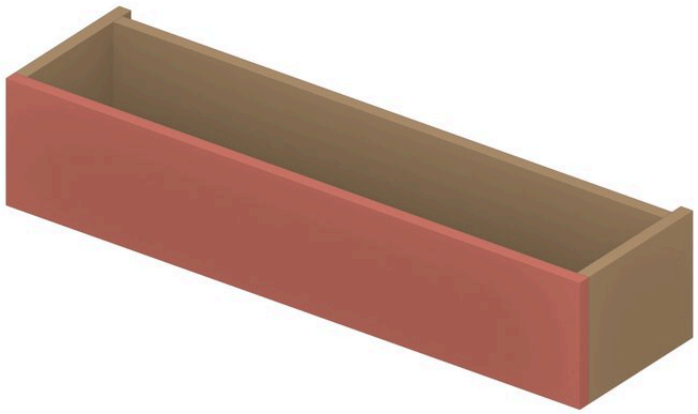
**DETAILED 2D / CUTS AND FIT**




A: FRONT x1; thickness 0.75". Square cuts at both ends.

Front covers two 0.75" end edges; floor and back are 34.5" long.

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



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| A | Front | 1x8; actual .75 x 7.25 | 36" square | 1 |

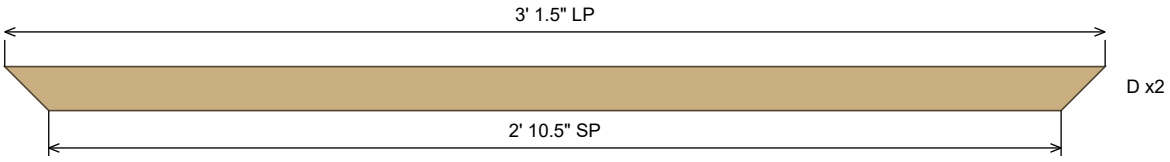
Use 12 x 2" screws: 8 front-floor and 4 front-end. Pilot from the exterior and inspect engagement before covering. All body stock is actual 0.75" x 7.25" nominal 1x8.

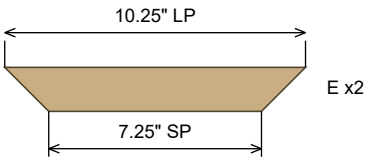
STEP 03 / 07 | DESIGN REVIEW DRAFT

# Fit the mitered top rim

Cut four independent 45-degree mitered rim members and fasten them onto the body tops.

**DETAILED 2D / CUTS AND FIT**

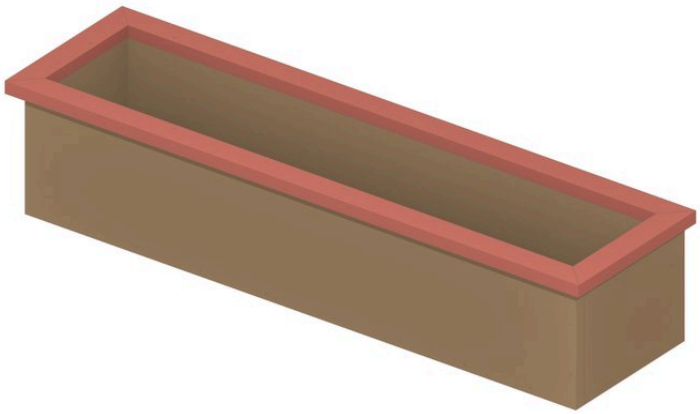



All ends 45 deg; 1.5" face width x 0.75" thickness.

Long-point cuts are independent; rough blanks: two 40" and two 12".

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



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| D | Front / back rim | 1x2; actual .75 x 1.5 | 37.5" long points | 2 |
| E | Side rim | 1x2; actual .75 x 1.5 | 10.25" long points | 2 |

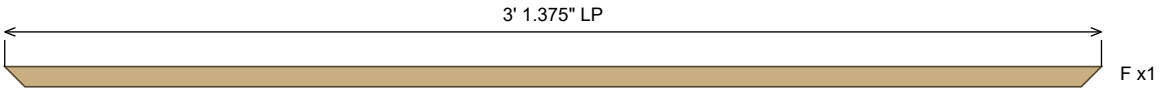
Use 18 x 2" screws: 6 front, 6 back, 3 each side. Rim bears at z=7.25"; rear flush, front and side overhang 0.75". Buy two 96" 1x2 boards to allow finite miter kerfs.

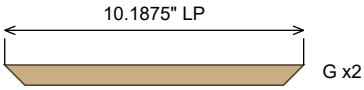
STEP 04 / 07 | DESIGN REVIEW DRAFT

# Fit the moulding

Fit the three moulding envelopes beneath the rim; confirm the purchased decorative profile before cutting.

**DETAILED 2D / CUTS AND FIT**

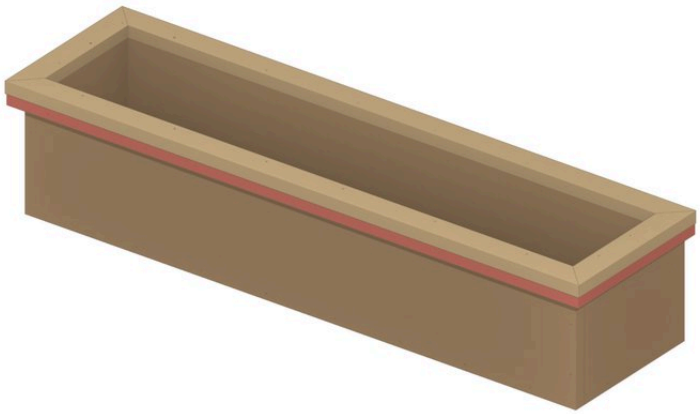



Envelope: 0.6875" x 0.6875"; miter to fit, 45 deg plan joint.

Source blanks 37.5" / 10.25"; fitted reductions 0.125" / 0.0625".

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



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| F | Front moulding | 11/16" envelope | 37.375" fitted LP | 1 |
| G | Side mouldings | 11/16" envelope | 10.1875" fitted LP | 2 |

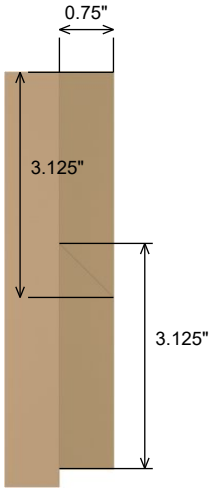
Use 18 x 1.25" screws: 11 front, 4 left and 3 right. Fitted long points are reduced from the source blanks. The model proves an 11/16" square envelope only; vendor profile and flat screw-head land remain external selections.

STEP 05 / 07 | DESIGN REVIEW DRAFT

# Fit the French cleats

Bevel two separate cleat blanks, trim the lower ends for clearance, then fix upper to box and lower to wall.

**DETAILED 2D / CUTS AND FIT**




**FRENCH CLEATS / BOX AND WALL**

Two separate 34.5" x 5.5" x 0.75" blanks.

Finished long / short edges: 3.125" / 2.375".

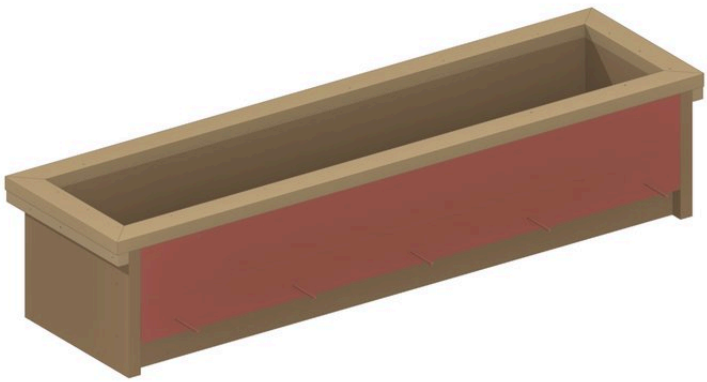
45 deg bevel; stock thickness 0.75".

Upper length 34.5"; lower length 34.4375".

Trim lower ends 0.03125" each.

Saw kerf goes to waste between separate cuts.

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



| Pos. | Part | Material (actual) | Cut | Qty |
|---|---|---|---|---|
| H | Upper cleat | 1x6; actual .75 x 5.5 blank | 34.5"; bevel 45 deg | 1 |
| I | Lower cleat | same; separate blank | 34.4375" fitted | 1 |

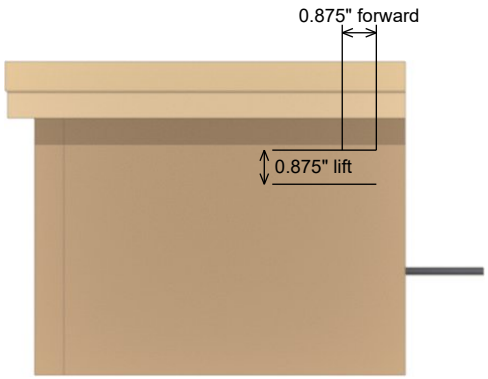
Use 11 x 1.25" screws for the upper and 5 source-listed 3/16" x 2.75" flathead anchors for the lower. Manufacturer/substrate design governs real anchors, embedment, pilots, head geometry and wet-soil capacity; no load rating is established.

STEP 06 / 07 | DESIGN REVIEW DRAFT

# Hang and remove the planter

After verifying the wall and fixings, lift the box over the lower cleat and lower it fully into bearing.

**DETAILED 2D / CUTS AND FIT**




**REMOVAL PATH (INCHES)**

1. Lift 0.875" vertically.

2. Pull forward 0.875".

Lower-cleat top z = 4.875".

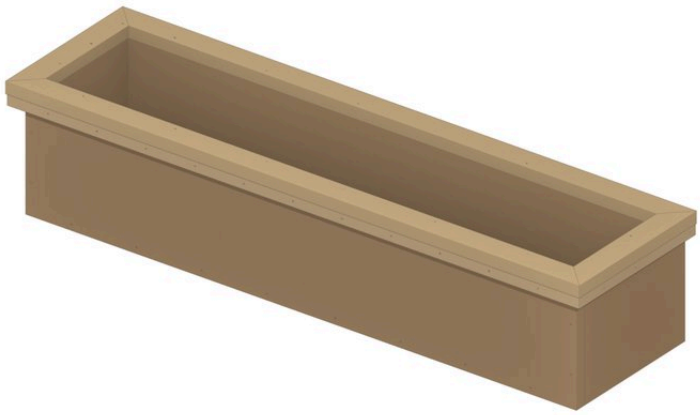
Lifted upper bottom z = 5".

Vertical clearance after lift: 0.125".

Forward clearance after withdrawal: 0.125".

Lower ends clear by 0.03125" each.

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



Minimum modeled path: lift 0.875", then move forward 0.875"; overhead top reaches z=8.875". Each lower-cleat end has 0.03125" clearance. Verify site overhead/forward space, wall flatness and safe handling. No source anti-lift device is specified.

STEP 07 / 07 | DESIGN REVIEW DRAFT

# Finish the timber

After fit and support inspection, prepare and finish the exposed timber using the chosen product instructions.

**DETAILED 2D / CUTS AND FIT**



**FINISH / INSPECTION**

No extra cut or geometry.

Keep drain bores clear.

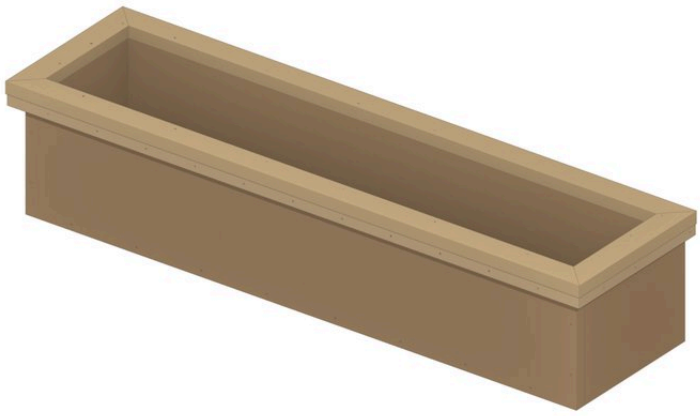
Check timber end grain.

Follow finish cure times.

Inspect cleat bearing.

Verify wall and anchor design.

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



No new parts or red highlight. Keep all 22 drains open. Select an exterior finish suitable for the timber and intended planting; respect preparation and cure instructions. Inspect wall support and fixings before adding wet soil.

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# 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.

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**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 moulding, fasteners and installation design before fabrication.