Ponderosa Wood LLC

Installation Guide - Casings & Baseboards

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Safety Precautions:

- PERSONAL PROTECTIVE EQUIPMENT REQUIRED: Safety glasses or goggles Work gloves Dust mask (when sanding or cutting) Hearing protection (when using power tools)
- GENERAL SAFETY: Keep work area clean and well-lit Ensure adequate ventilation, especially when painting Keep children and pets away from installation area Use appropriate ladder or step stool - never stand on unstable surfaces Check for hidden wiring or plumbing before drilling or nailing into walls Disconnect power to electrical outlets near work area
- TOOL SAFETY: Use tools only for their intended purpose Ensure all power tools are properly grounded Keep power tool cords away from cutting areas Disconnect power tools when not in use Follow all manufacturer safety instructions for tools
- MATERIAL HANDLING: Handle materials carefully to avoid splinters Be aware of sharp edges on cut ends Store materials safely to prevent tripping hazards Use proper lifting techniques
- Safety glasses or goggles
- Work gloves
- Dust mask (when sanding or cutting)
- Hearing protection (when using power tools)
- Keep work area clean and well-lit
- Ensure adequate ventilation, especially when painting
- Keep children and pets away from installation area
- Use appropriate ladder or step stool - never stand on unstable surfaces
- Check for hidden wiring or plumbing before drilling or nailing into walls
- Disconnect power to electrical outlets near work area
- Use tools only for their intended purpose
- Ensure all power tools are properly grounded
- Keep power tool cords away from cutting areas
- Disconnect power tools when not in use
- Follow all manufacturer safety instructions for tools
- Handle materials carefully to avoid splinters
- Be aware of sharp edges on cut ends
- Store materials safely to prevent tripping hazards
- Use proper lifting techniques

FAILURE TO FOLLOW SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY

Product Overview

The Ponderosa Wood Reversible OneBy Casings and Baseboards are premium quality interior trim solutions designed to provide both functionality and aesthetic appeal to your home. These versatile trim pieces feature a distinctive reversible profile that allows for multiple installation options.

Key Features:

- Reversible Design: Install with either profile facing out for design flexibility
- Factory Primed: Professional-grade primer applied for superior finish quality
- Eco-Friendly: Compatible with water-based paints for environmentally conscious finishing
- Durable Construction: Built to withstand daily use with high-quality materials
- Multiple Size Options: Available in various combinations to suit your needs

Available Configurations:

Configuration	Base Size	Casing Size	Best For
Standard	1×6 (5½" height)	1×4 (3½" width)	Most rooms, standard ceilings
Narrow	1×6 (5½" height)	1×3 (2½" width)	Smaller rooms, minimal trim look
Tall Base	1×8 (7¼" height)	1×4 (3½" width)	High ceilings, formal rooms
Tall Base Narrow	1×8 (7¼" height)	1×3 (2½" width)	High ceilings, subtle trim
Compact	1×4 (3½" height)	1×3 (2½" width)	Small spaces, modern look

Technical Specifications and Profile Drawings

The following technical drawings show the exact dimensions and profiles for each baseboard and casing combination. Use these diagrams to verify your product configuration and plan your installation.

Base 1×6 & Casing 1×4 / Base 1×6 & Casing 1×3

Left: 1×6 Base (5½" height) with 1×4 Casing (3½" width) | Right: 1×6 Base (5½" height) with 1×3 Casing (2½" width)

Base 1×8 & Casing 1×4 / Base 1×8 & Casing 1×3

Left: 1×8 Base (7¼" height) with 1×4 Casing (3½" width) | Right: 1×8 Base (7¼" height) with 1×3 Casing (2½" width)

Base 1×4 & Casing 1×3

1×4 Base (3½" height) with 1×3 Casing (2½" width) - Compact Configuration

All dimensions shown are nominal sizes. Actual dimensions may vary slightly. Always measure your specific pieces before beginning installation. The reversible design allows you to choose which profile faces outward.

Pre-Installation Checklist

Before beginning installation, ensure you have completed the following:

✓ Environmental Preparation:

- Room temperature between 60-80°F (15-27°C)
- Relative humidity between 35-55%
- Materials have acclimated to installation environment for 48-72 hours
- Installation area is clean, dry, and well-lit
- All necessary tools and materials are available
- Original packaging kept until installation is complete

✓ Wall Preparation:

- Walls are clean, dry, and free of debris
- Old trim removed (if replacing existing trim)
- Wall surface is smooth and properly finished
- Electrical outlets and switches are flush with wall
- Drywall repairs completed and sanded smooth
- Wall studs located and marked (for securing baseboard)

✓ Product Inspection:

- All trim pieces inspected for damage (report damage immediately to retailer)
- Correct quantities verified against purchase order
- Manufacturer instructions reviewed completely
- Warranty information and proof of purchase secured

✓ Safety Preparation:

- Personal protective equipment (PPE) available
- Work area secured from children and pets
- Adequate lighting in work area
- First aid kit accessible
- Emergency contact numbers available

DO NOT PROCEED WITH INSTALLATION UNTIL ALL ITEMS ARE CHECKED

Tools and Materials Required

Required Tools:

- Measuring Tools: Tape measure (25-foot minimum) Pencil or marking tool Carpenter's square Level (4-foot recommended)
- Cutting Tools: Miter saw (power or manual) for accurate 45° cuts Coping saw (for inside corners if using coped joints) Fine-tooth saw for trim work

- Fastening Tools: Finish nail gun (pneumatic or electric) OR Hammer and nail set for finish nails Stud finder
- Finishing Tools: Caulking gun Putty knife Sanding block with fine-grit sandpaper (220 grit)
- Tape measure (25-foot minimum)
- Pencil or marking tool
- Carpenter's square
- Level (4-foot recommended)
- Miter saw (power or manual) for accurate 45° cuts
- Coping saw (for inside corners if using coped joints)
- Fine-tooth saw for trim work
- Finish nail gun (pneumatic or electric) OR
- Hammer and nail set for finish nails
- Stud finder
- Caulking gun
- Putty knife
- Sanding block with fine-grit sandpaper (220 grit)

Recommended Tools:

- Miter saw stand or work table
- Trim puller or pry bar (for removing old trim)
- Utility knife
- Block plane for minor adjustments
- Clamps for holding pieces during marking

Materials Needed:

- Fasteners: Finish nails: 2" (6d) for baseboard to studs Finish nails: 1¼" (4d) for casing to jamb Brad nails: 1" for delicate areas
- Adhesives and Fillers: Construction adhesive (optional, for additional hold) Wood filler or painter's caulk (paintable) Latex caulk for gaps
- Finishing Materials: Primer (if touching up cuts) Paint (water-based, your choice of color) Painter's tape
- Finish nails: 2" (6d) for baseboard to studs
- Finish nails: 1¼" (4d) for casing to jamb
- Brad nails: 1" for delicate areas
- Construction adhesive (optional, for additional hold)
- Wood filler or painter's caulk (paintable)
- Latex caulk for gaps
- Primer (if touching up cuts)
- Paint (water-based, your choice of color)
- Painter's tape

Skill Level Required: Intermediate

Estimated Installation Time: 4-8 hours (depending on room size and experience)

Allow baseboards to acclimate to installation environment for 48-72 hours before installation. Store flat or upright in a dry location at room temperature (60-80°F) with humidity between 35-55%. Failure to acclimate may result in warping or gaps after installation.

1Plan Your Layout

1. Measure the perimeter of the room along the floor
2. Account for doorways and other openings
3. Add 10% for waste and cutting errors
4. Plan the order of installation (typically start with longest walls)
5. Identify locations of wall studs using a stud finder

- Inside Corners: Either coped joints (professional) or mitered at 45° (easier)
- Outside Corners: Always mitered at 45° for clean appearance

2Prepare the Work Area

6. Remove Old Baseboard (if applicable): Use trim puller or pry bar carefully to avoid wall damage Remove all nails from wall Clean wall surface of old caulk, paint, or adhesive
7. Prepare Wall Surface: Fill any holes or imperfections with spackling compound Sand smooth once dry Vacuum or wipe away dust Ensure wall is dry and clean
8. Mark Stud Locations: Use stud finder to locate wall studs Mark stud locations lightly with pencil just above where baseboard will sit Studs are typically 16" or 24" on center

- Use trim puller or pry bar carefully to avoid wall damage
- Remove all nails from wall
- Clean wall surface of old caulk, paint, or adhesive
- Fill any holes or imperfections with spackling compound
- Sand smooth once dry
- Vacuum or wipe away dust
- Ensure wall is dry and clean
- Use stud finder to locate wall studs
- Mark stud locations lightly with pencil just above where baseboard will sit
- Studs are typically 16" or 24" on center

3Cut and Install First Piece

Begin with the longest, most visible wall. For inside corners, start with a piece that has a square-cut end against the corner.

9. Measure and Cut: Measure wall length carefully If ending at an inside corner: cut square (90°) If ending at an outside corner: cut at 45° miter Always double-check measurements before cutting
10. Test Fit: Place baseboard against wall without fastening Check fit at corners Verify level alignment Make any necessary adjustments

11. Apply Adhesive (Optional): Apply construction adhesive in wavy line on back of baseboard Keep adhesive away from top edge to avoid squeeze-out
12. Fasten to Wall: Position baseboard against wall Nail into wall studs with 2" finish nails Nail approximately 1" from top edge and 1" from bottom edge Use nail set to sink nail heads slightly below surface Space nails 16" apart at stud locations

- Measure wall length carefully
- If ending at an inside corner: cut square (90°)
- If ending at an outside corner: cut at 45° miter
- Always double-check measurements before cutting
- Place baseboard against wall without fastening
- Check fit at corners
- Verify level alignment
- Make any necessary adjustments
- Apply construction adhesive in wavy line on back of baseboard
- Keep adhesive away from top edge to avoid squeeze-out
- Position baseboard against wall
- Nail into wall studs with 2" finish nails
- Nail approximately 1" from top edge and 1" from bottom edge
- Use nail set to sink nail heads slightly below surface
- Space nails 16" apart at stud locations

4Install Remaining Pieces

Method 1 - Coped Joint (Professional Method):

13. Cut first piece square and install flush in corner
14. For second piece, cut 45° miter as if making inside miter joint
15. Use coping saw to cut along profile revealed by miter
16. Test fit and adjust with sandpaper or block plane
17. Install coped piece overlapping square-cut piece

Method 2 - Mitered Inside Corner (Easier Method):

18. Cut both pieces at 45° angles
19. Apply wood glue to miter cuts
20. Press pieces together and nail into place
21. Fill any gaps with caulk
22. Measure and mark baseboard length to outside corner
23. Cut both pieces at 45° miters
24. Test fit both pieces together at corner
25. Apply wood glue to miter cuts
26. Install both pieces, ensuring tight fit at miter
27. Nail through miter joint from both directions for strength

When joining two pieces along a straight wall:

28. Cut both ends at 45° angles (opposing angles)
29. Join at a stud location for solid backing
30. Apply wood glue to joint
31. Nail both pieces into stud

5Work Around Obstacles

- Baseboard should butt against door casing
- Cut baseboard square where it meets casing
- Leave small gap (1/16") and fill with caulk
- Measure and mark cutout locations carefully
- Use jigsaw or coping saw for cutouts
- Make cutouts slightly larger than needed (will be covered by outlet cover or vent)
- Test fit before permanently installing
- Baseboard should follow floor contour
- Small gaps at floor will be covered with caulk
- For larger gaps, use thin shims behind baseboard at top

Skill Level Required: Intermediate to Advanced

Estimated Installation Time: 1-2 hours per opening (depending on size and experience)

1Prepare the Opening

32. Remove Old Casing (if applicable): Carefully pry off old casing with trim puller Remove all old nails from jamb Fill any holes in jamb or wall
33. Check Jamb Installation: Verify jamb is flush with wall surface If jamb extends beyond wall, plane it flush If jamb is recessed, add jamb extensions
34. Establish Reveal: Mark a consistent reveal (setback) around jamb, typically ¼" Use combination square or reveal gauge Mark reveal on both sides and top of opening

- Carefully pry off old casing with trim puller
- Remove all old nails from jamb
- Fill any holes in jamb or wall
- Verify jamb is flush with wall surface
- If jamb extends beyond wall, plane it flush
- If jamb is recessed, add jamb extensions
- Mark a consistent reveal (setback) around jamb, typically ¼"
- Use combination square or reveal gauge
- Mark reveal on both sides and top of opening

2Measure and Cut Side Casings

35. Measure Height: Measure from floor (or top of baseboard if already installed) to top of side jamb Add ¼" for reveal at top This is the long point of your miter cut

36. Cut Miters: Set miter saw to 45° Cut bottom end square (90°) if baseboard is not yet installed Cut top end at 45° miter Ensure miter direction is correct for right or left side
37. Test Fit: Place casing on reveal marks Check that miter will align properly with head casing Adjust if necessary

- Measure from floor (or top of baseboard if already installed) to top of side jamb
- Add ¼" for reveal at top
- This is the long point of your miter cut
- Set miter saw to 45°
- Cut bottom end square (90°) if baseboard is not yet installed
- Cut top end at 45° miter
- Ensure miter direction is correct for right or left side
- Place casing on reveal marks
- Check that miter will align properly with head casing
- Adjust if necessary

3Install Side Casings

38. Position Casing: Align casing with reveal marks on side jamb Ensure casing is plumb using level Bottom should rest on floor or on top of baseboard
39. Nail in Place: Use 1¼" finish nails into jamb edge (every 12") Use 2" finish nails into wall framing (every 16") Nail near inside edge (into jamb) and outside edge (into wall) Set nail heads below surface with nail set
40. Repeat for Other Side: Follow same procedure for opposite side casing Ensure both sides are installed at same reveal distance

- Align casing with reveal marks on side jamb
- Ensure casing is plumb using level
- Bottom should rest on floor or on top of baseboard
- Use 1¼" finish nails into jamb edge (every 12")
- Use 2" finish nails into wall framing (every 16")
- Nail near inside edge (into jamb) and outside edge (into wall)
- Set nail heads below surface with nail set
- Follow same procedure for opposite side casing
- Ensure both sides are installed at same reveal distance

4Measure, Cut, and Install Head Casing

41. Measure Length: Measure between the short points of the side casing miters This measurement is the short point of the head casing Add length for both 45° miters
42. Cut Head Casing: Cut both ends at 45° miters Miters should angle down toward ends (creating triangle pointing down) Double-check that miters match side casing angles
43. Test Fit: Place head casing on reveal mark at top Check fit of both miter joints Miters should fit tightly with no gaps If gaps exist, adjust cuts slightly

44. Install Head Casing: Apply small amount of wood glue to miter joints Position head casing on reveal marks Press miter joints tightly together Nail into head jamb with 1¼" finish nails (every 12") Nail into wall framing with 2" finish nails (every 16") For additional strength, nail through miters at an angle

- Measure between the short points of the side casing miters
- This measurement is the short point of the head casing
- Add length for both 45° miters
- Cut both ends at 45° miters
- Miters should angle down toward ends (creating triangle pointing down)
- Double-check that miters match side casing angles
- Place head casing on reveal mark at top
- Check fit of both miter joints
- Miters should fit tightly with no gaps
- If gaps exist, adjust cuts slightly
- Apply small amount of wood glue to miter joints
- Position head casing on reveal marks
- Press miter joints tightly together
- Nail into head jamb with 1¼" finish nails (every 12")
- Nail into wall framing with 2" finish nails (every 16")
- For additional strength, nail through miters at an angle

If miter joints don't fit perfectly, you can slightly adjust the angle or use a block plane to fine-tune the cut. Minor gaps can be filled with wood filler or caulk after installation.

Finishing and Painting

1Fill Nail Holes and Gaps

45. Fill Nail Holes: Use paintable wood filler or spackling compound Apply with putty knife, slightly overfilling Allow to dry completely per manufacturer instructions Sand smooth with 220-grit sandpaper
46. Caulk Gaps: Apply paintable latex caulk to gaps between trim and wall Apply caulk to gaps between trim and floor (baseboard) Apply to miter joints if any small gaps exist Smooth caulk with wet finger or caulk tool Wipe away excess immediately with damp cloth Allow to dry per manufacturer instructions

- Use paintable wood filler or spackling compound
- Apply with putty knife, slightly overfilling
- Allow to dry completely per manufacturer instructions
- Sand smooth with 220-grit sandpaper
- Apply paintable latex caulk to gaps between trim and wall
- Apply caulk to gaps between trim and floor (baseboard)
- Apply to miter joints if any small gaps exist

- Smooth caulk with wet finger or caulk tool
- Wipe away excess immediately with damp cloth
- Allow to dry per manufacturer instructions

2Prime Exposed Wood (if needed)

- Touch up any areas where primer was damaged during installation
- Prime all cut ends and filled areas
- Use a quality water-based primer compatible with factory primer
- Allow primer to dry completely

3Paint

47. Preparation: Protect walls and floors with painter's tape and drop cloths Ensure adequate ventilation Use only water-based paint (as required by manufacturer)
48. Application: Apply first coat of paint evenly Use high-quality brush for smooth finish Paint with long, smooth strokes in direction of wood grain Allow first coat to dry completely per paint manufacturer instructions
49. Second Coat: Lightly sand between coats with 220-grit sandpaper if needed Apply second coat for full coverage Allow to dry completely
50. Final Steps: Remove painter's tape while paint is still slightly tacky Allow 24-48 hours for paint to cure before heavy use Clean up tools and materials

- Protect walls and floors with painter's tape and drop cloths
- Ensure adequate ventilation
- Use only water-based paint (as required by manufacturer)
- Apply first coat of paint evenly
- Use high-quality brush for smooth finish
- Paint with long, smooth strokes in direction of wood grain
- Allow first coat to dry completely per paint manufacturer instructions
- Lightly sand between coats with 220-grit sandpaper if needed
- Apply second coat for full coverage
- Allow to dry completely
- Remove painter's tape while paint is still slightly tacky
- Allow 24-48 hours for paint to cure before heavy use
- Clean up tools and materials

Maintenance and Care

Proper maintenance will ensure your casings and baseboards maintain their beauty and functionality for years to come.

Regular Maintenance:

- Weekly: Dust with soft, dry cloth or vacuum with brush attachment
- Monthly: Clean with slightly damp cloth and mild soap solution, dry immediately

- As Needed: Touch up paint in high-traffic areas
- Annually: Inspect for damage, loose sections, or gaps; repair as needed

Cleaning Recommendations:

- Use only pH-neutral, mild cleaning solutions
- Never use abrasive cleaners or scrubbing pads
- Avoid excessive moisture
- Clean spills immediately to prevent staining
- Do not use oil-based cleaners or polishes

Environmental Conditions:

- Maintain indoor humidity between 35-55% to prevent warping
- Maintain temperature between 60-80°F
- Avoid exposure to excessive moisture
- Use dehumidifiers in damp climates
- Use humidifiers in very dry climates

Troubleshooting Common Issues:

Issue	Possible Cause	Solution
Gaps at corners	Wood shrinkage, seasonal changes	Fill with paintable caulk; repaint if needed
Paint peeling	Moisture, improper paint type	Sand, prime, and repaint with water-based paint
Baseboard loose from wall	Insufficient fastening	Add finish nails into wall studs; use construction adhesive if needed
Visible nail heads	Nails not properly set	Set nails below surface; fill with wood filler; touch up paint
Warping	Extreme humidity changes	Maintain proper indoor humidity; may need to replace severely warped pieces

Warranty Information

Ponderosa Wood LLC casings and baseboards are covered by a 2-year limited warranty from the date of purchase when installed according to these instructions and properly maintained.

Warranty Covers:

- Material defects
- Manufacturing defects
- Defects in factory-applied primer
- Excessive warping under normal conditions (exceeding ¼" over length)

Warranty Does NOT Cover:

- Improper installation
- Failure to follow installation or maintenance instructions
- Damage from excessive moisture or humidity
- Normal wear and tear
- Paint applied by customer
- Damage from impact or abuse
- Modifications or alterations

To make a warranty claim, you must provide: (1) Original proof of purchase, (2) Photos of the defect, (3) Description of the issue, (4) Verification that product was installed and maintained according to instructions. Contact Ponderosa Wood LLC or your retailer to initiate a warranty claim.

Contact Information:

Ponderosa Wood LLC 333 SW 12th Ave Deerfield Beach, FL 33442

Website: www.ponderosawood.com

For complete warranty details, refer to the separate WARRANTY document included with your purchase.

Additional Resources:

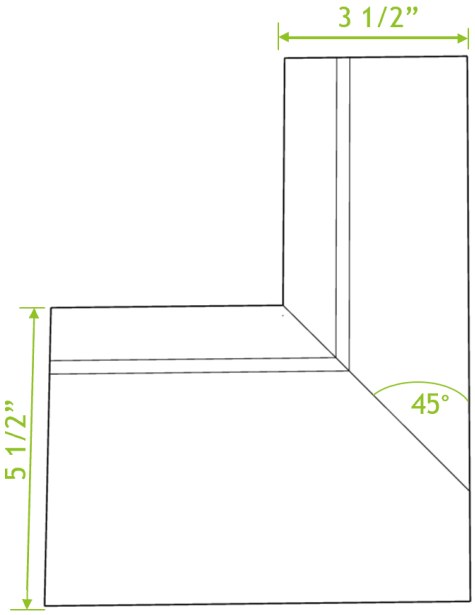
For additional guidance, tips, and support:

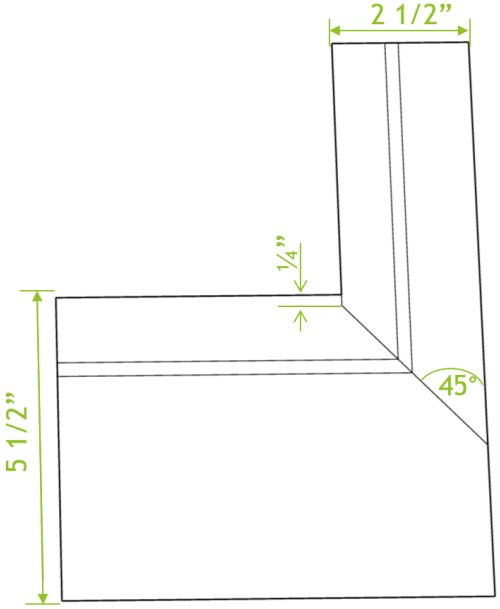
- Visit our website for installation videos and tutorials
- Consult the User and Care Manual for detailed maintenance instructions
- Contact your retailer for installation questions
- Hire a professional installer if you lack experience with trim installation

Thank you for choosing Ponderosa Wood quality products!

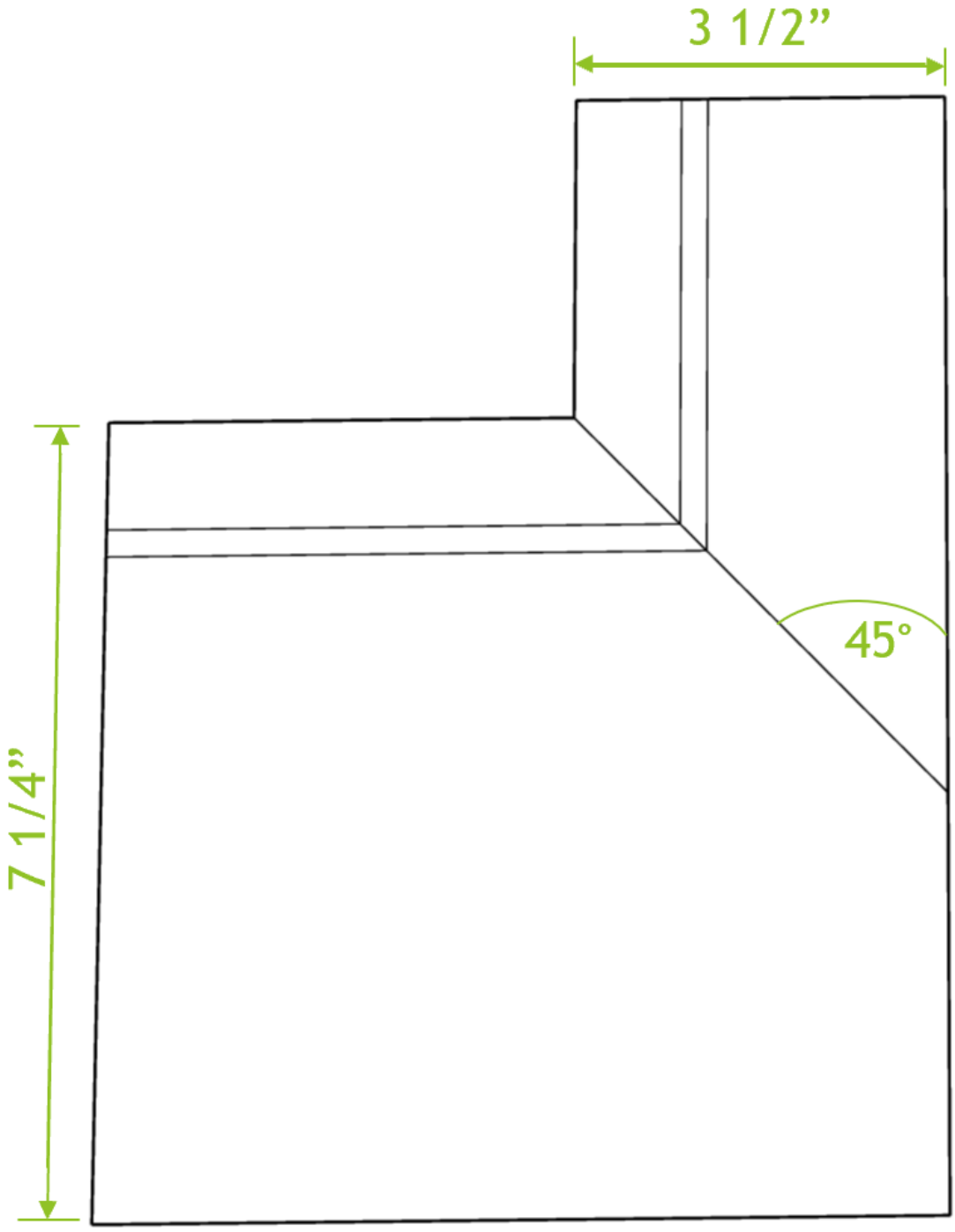
Technical Drawings

Drawing 1:





Drawing 2:



Drawing 3:

