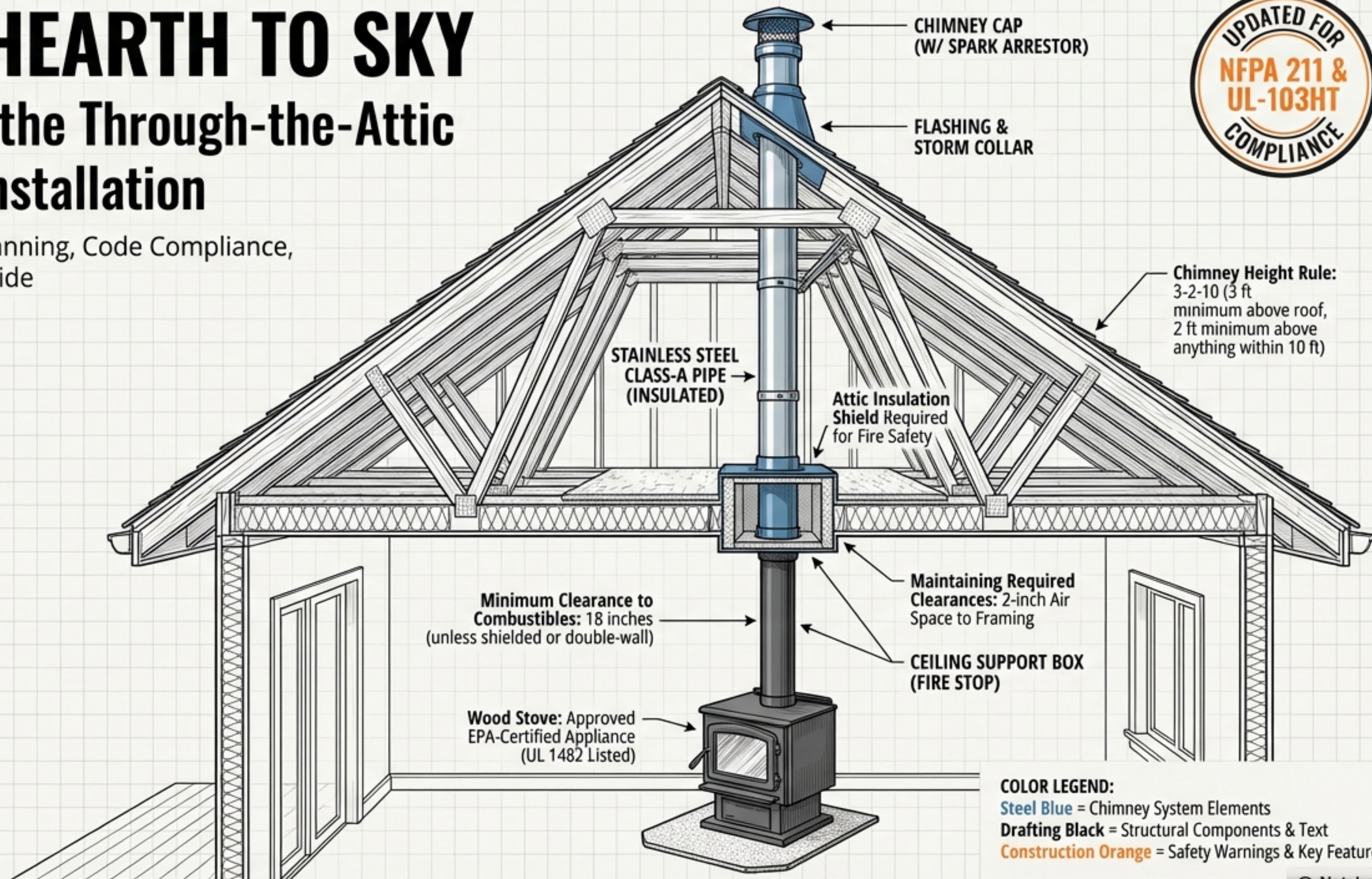


FROM HEARTH TO SKY

Mastering the Through-the-Attic Chimney Installation

Comprehensive Planning, Code Compliance, and Installation Guide



Chimney Height Rule:
3-2-10 (3 ft
minimum above roof,
2 ft minimum above
anything within 10 ft)

**STAINLESS STEEL
CLASS-A PIPE
(INSULATED)**

**Attic Insulation
Shield Required
for Fire Safety**

**Minimum Clearance to
Combustibles: 18 inches**
(unless shielded or double-wall)

**Wood Stove: Approved
EPA-Certified Appliance
(UL 1482 Listed)**

**Maintaining Required
Clearances: 2-inch Air
Space to Framing**

**CEILING SUPPORT BOX
(FIRE STOP)**

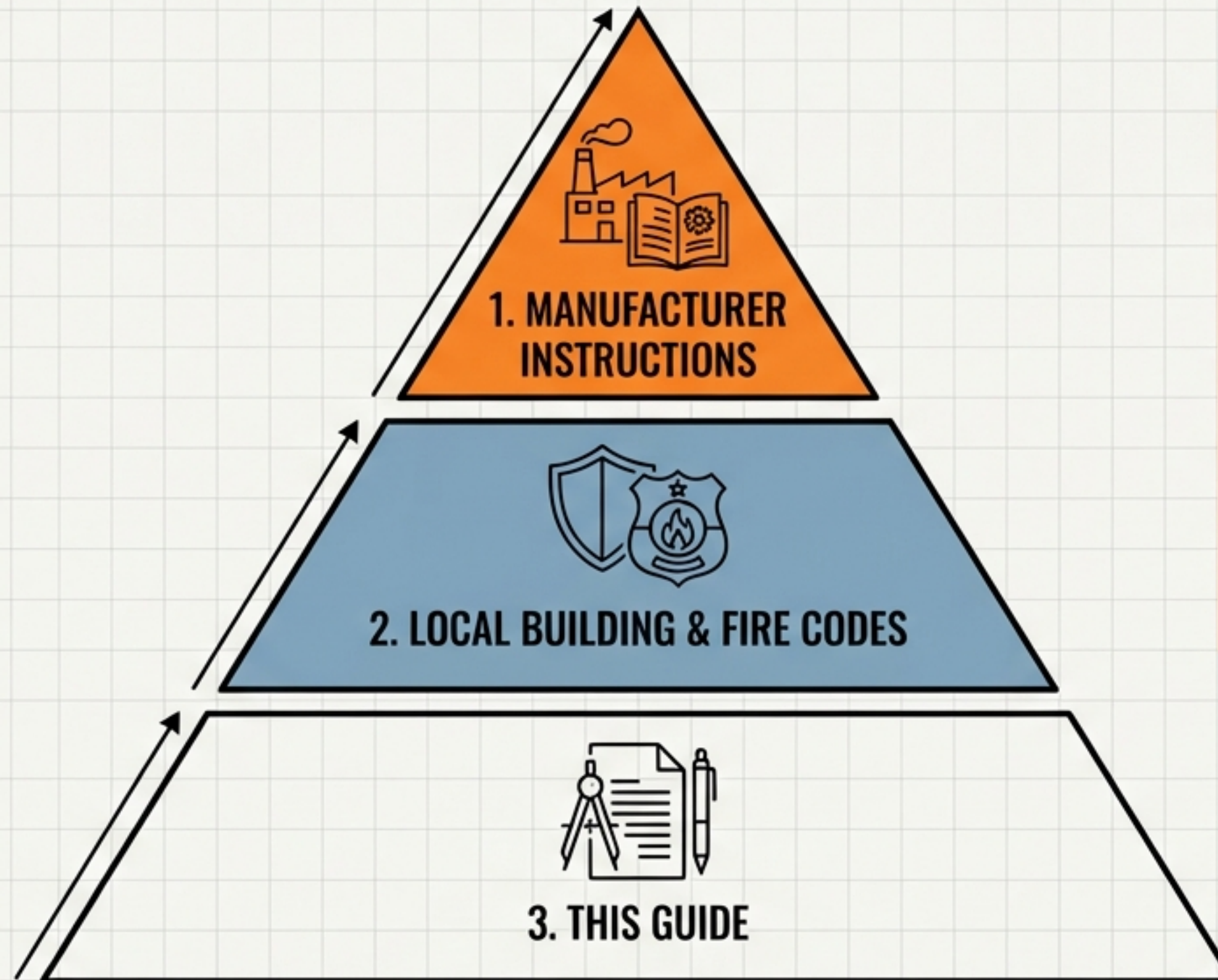
COLOR LEGEND:

Steel Blue = Chimney System Elements

Drafting Black = Structural Components & Text

Construction Orange = Safety Warnings & Key Features

THE HIERARCHY OF COMPLIANCE



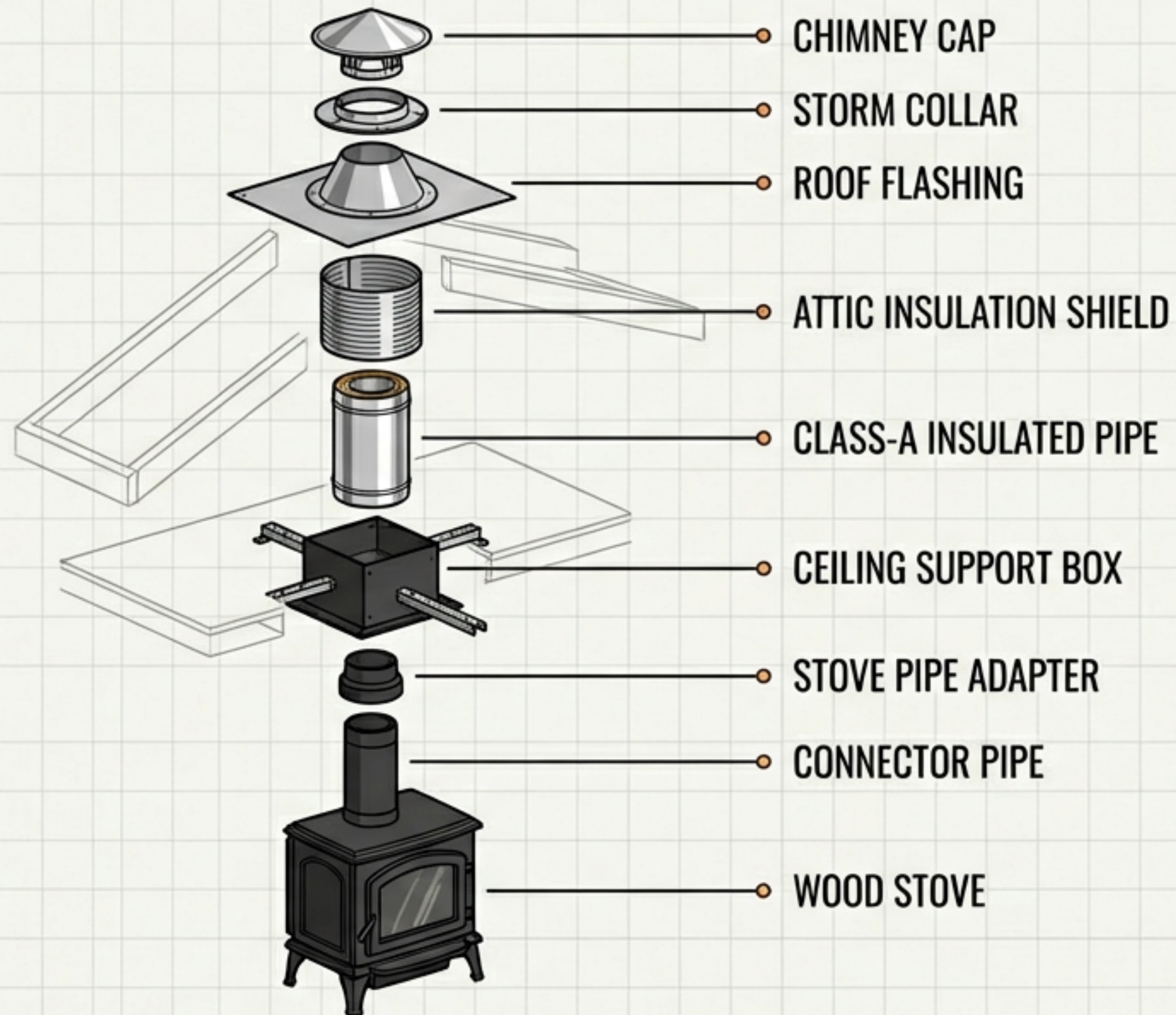
IMPORTANT SAFETY NOTICE

This guide provides general installation information only.

Where differences exist, the chimney manufacturer's listed instructions and local codes take precedence over this guide.

Always verify UL listings before installation.

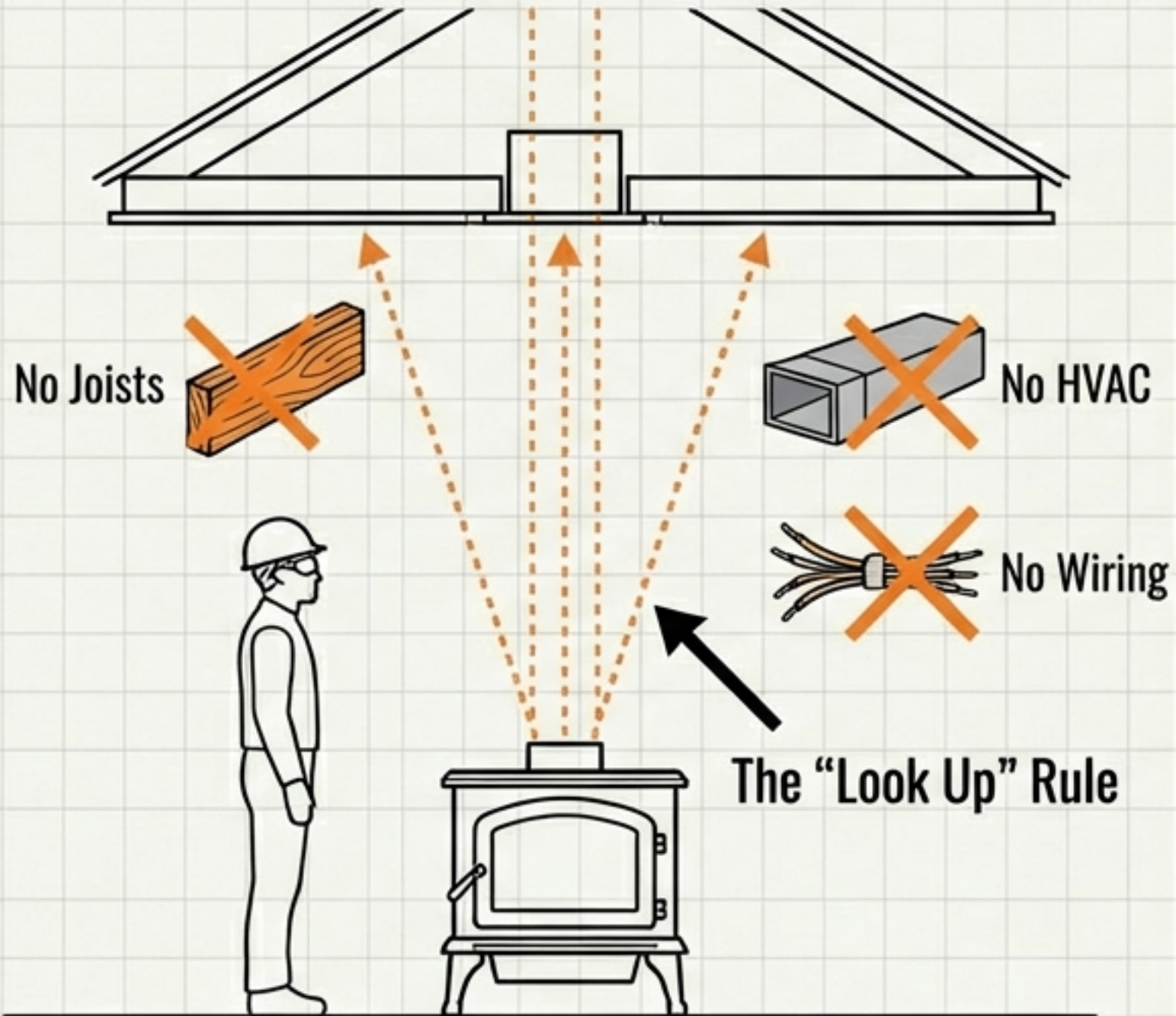
ANATOMY OF THE SYSTEM



THE STRUCTURAL SPINE

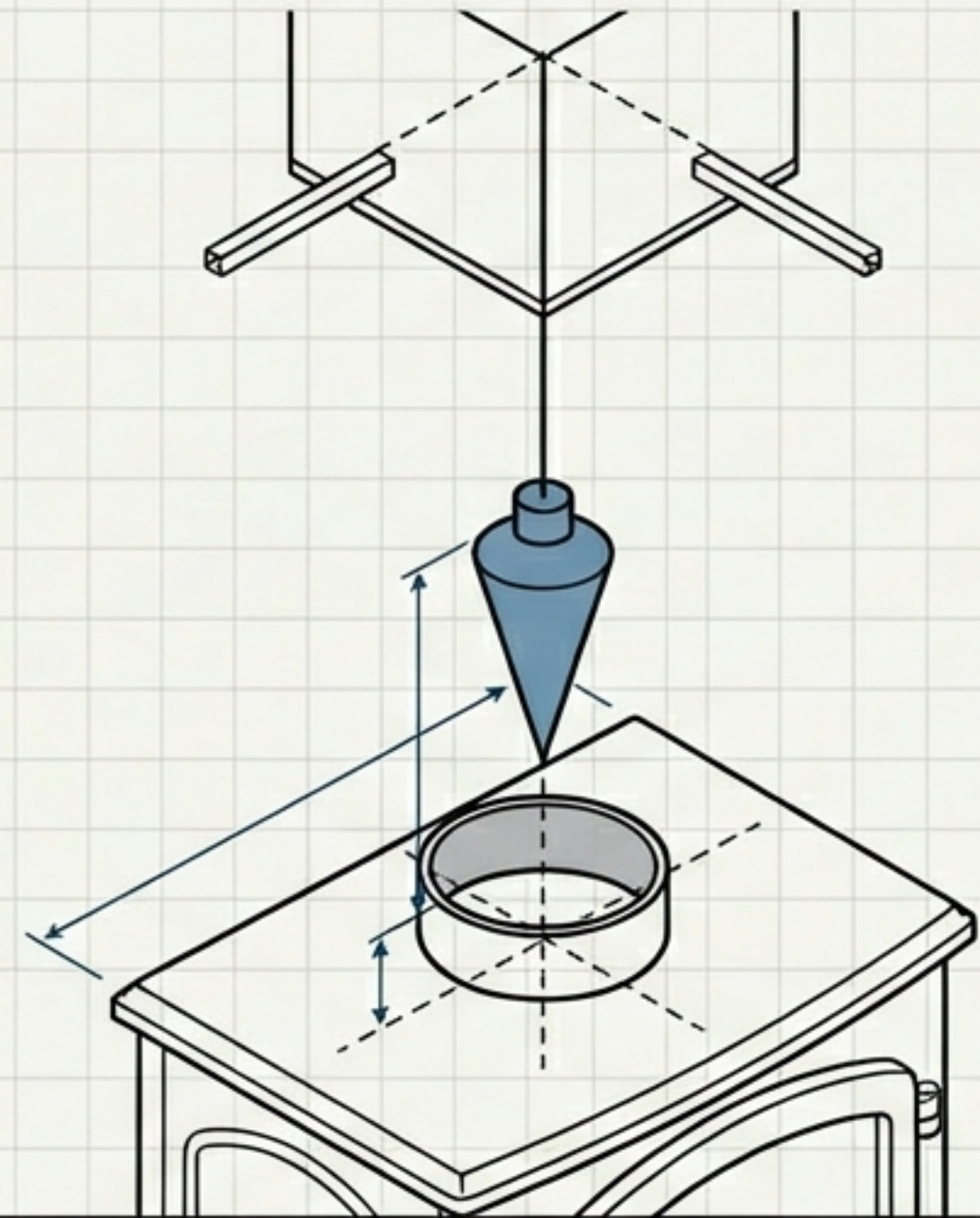
The system creates a continuous fire-rated envelope from the heat source to the outside atmosphere.

PHASE 1: POSITIONING & OBSTRUCTION CHECKS



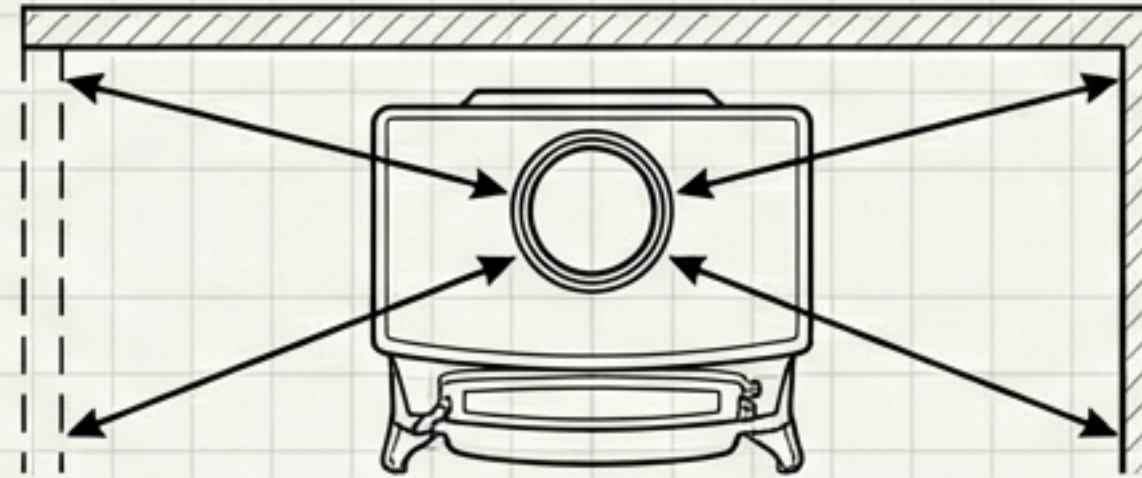
1. Mark the center of the flue collar on the floor.

2. Use a plumb bob or laser level to transfer the center point to the ceiling.

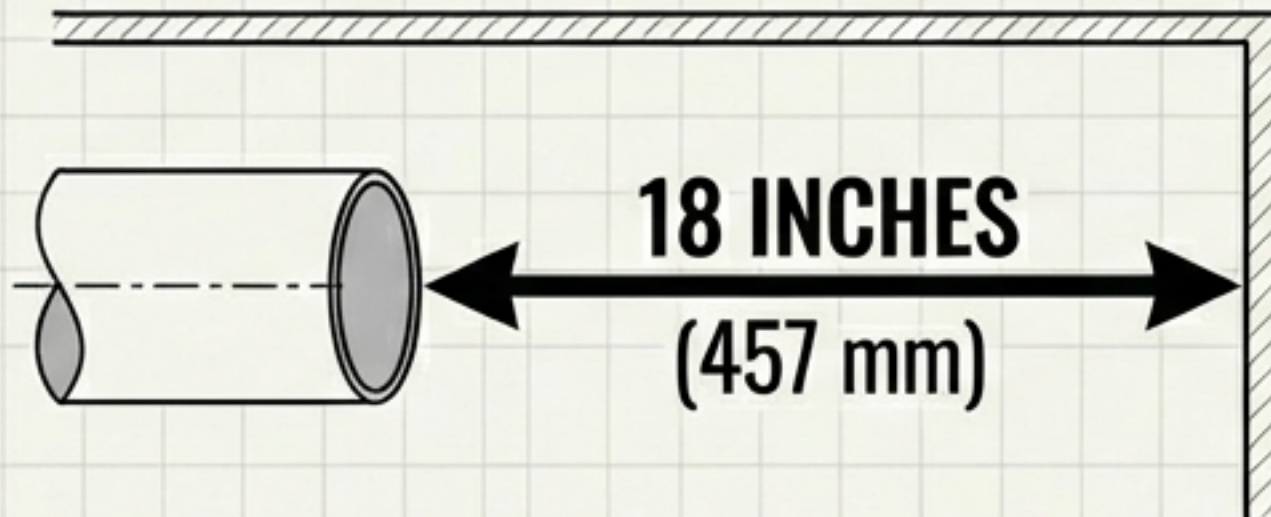


3. Drill a pilot hole (coat hanger method) to verify attic joist positioning before cutting.

CONNECTOR PIPE CLEARANCES

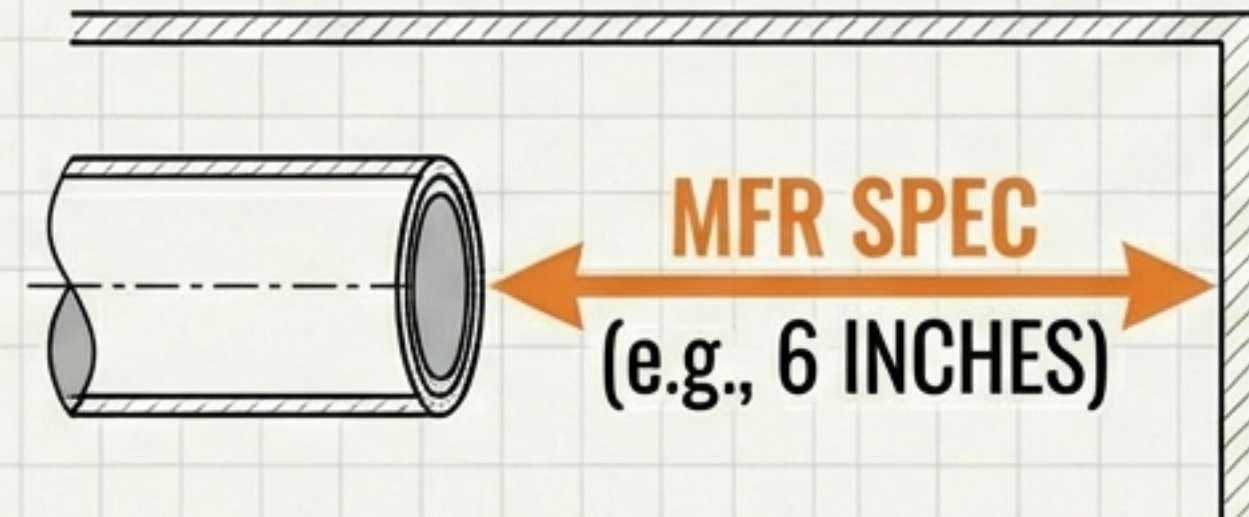


SINGLE-WALL PIPE



Requires minimum 18 inches clearance to all combustibles. (**3x Diameter**).

DOUBLE-WALL PIPE



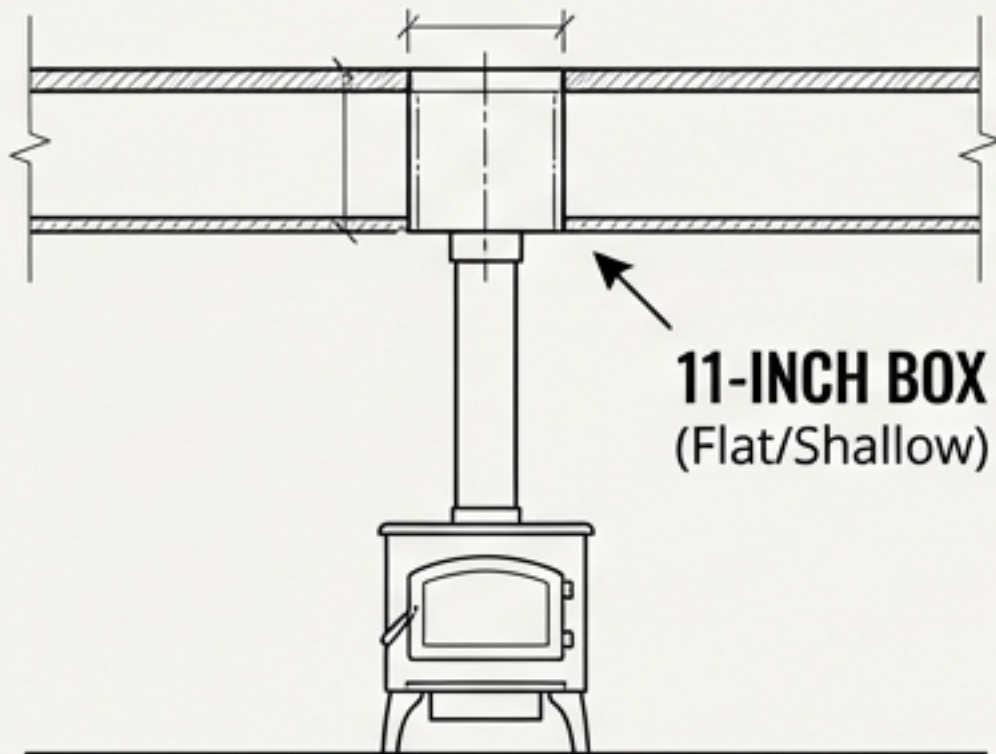
Reduced clearance as specified by the manufacturer's listing. **Do not assume 18 inches applies here.**

CRITICAL UPDATE: Clearance depends entirely on the connector type. Always check the listing.

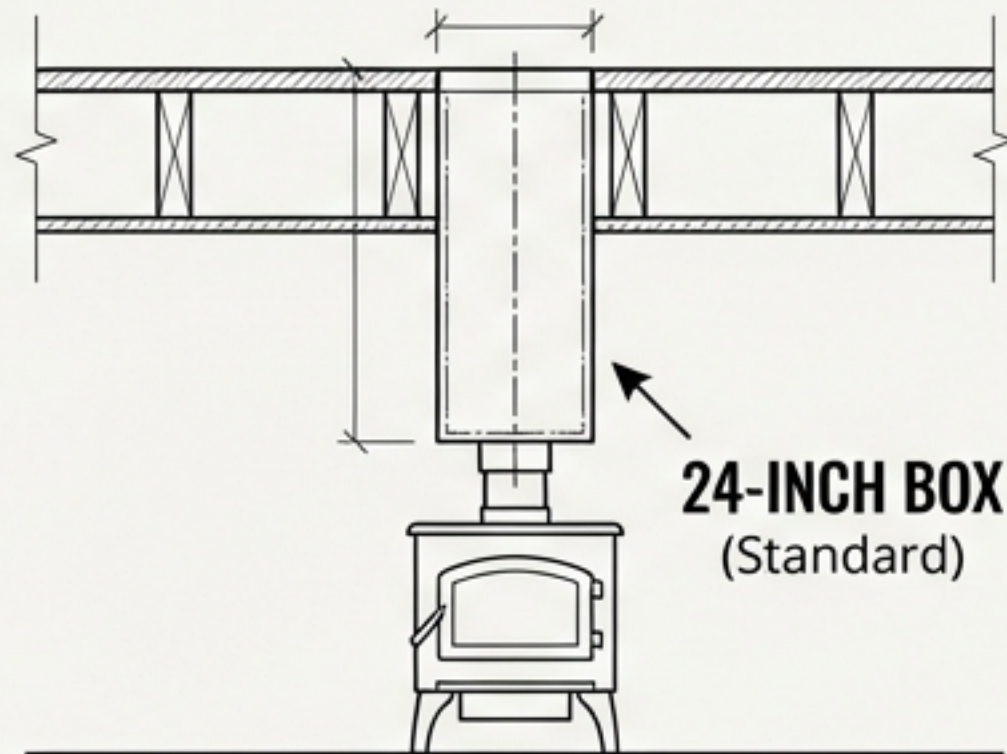
PHASE 2: SELECTING THE CEILING SUPPORT BOX

BOX HEIGHT IS DETERMINED BY CEILING CONSTRUCTION, NOT ROOF PITCH.

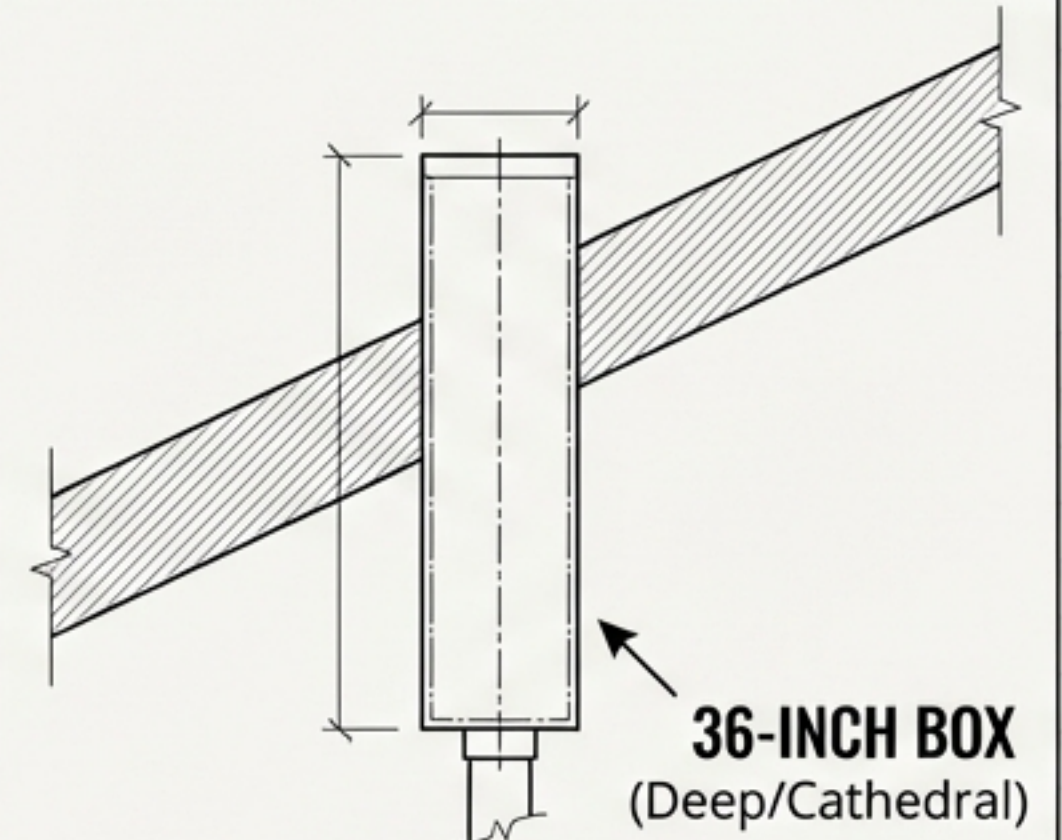
1. FLAT CEILING/NO ATTIC



2. STANDARD JOIST WITH 10-12" JOISTS



3. DEEP HEADER OR CATHEDRAL PLENUM

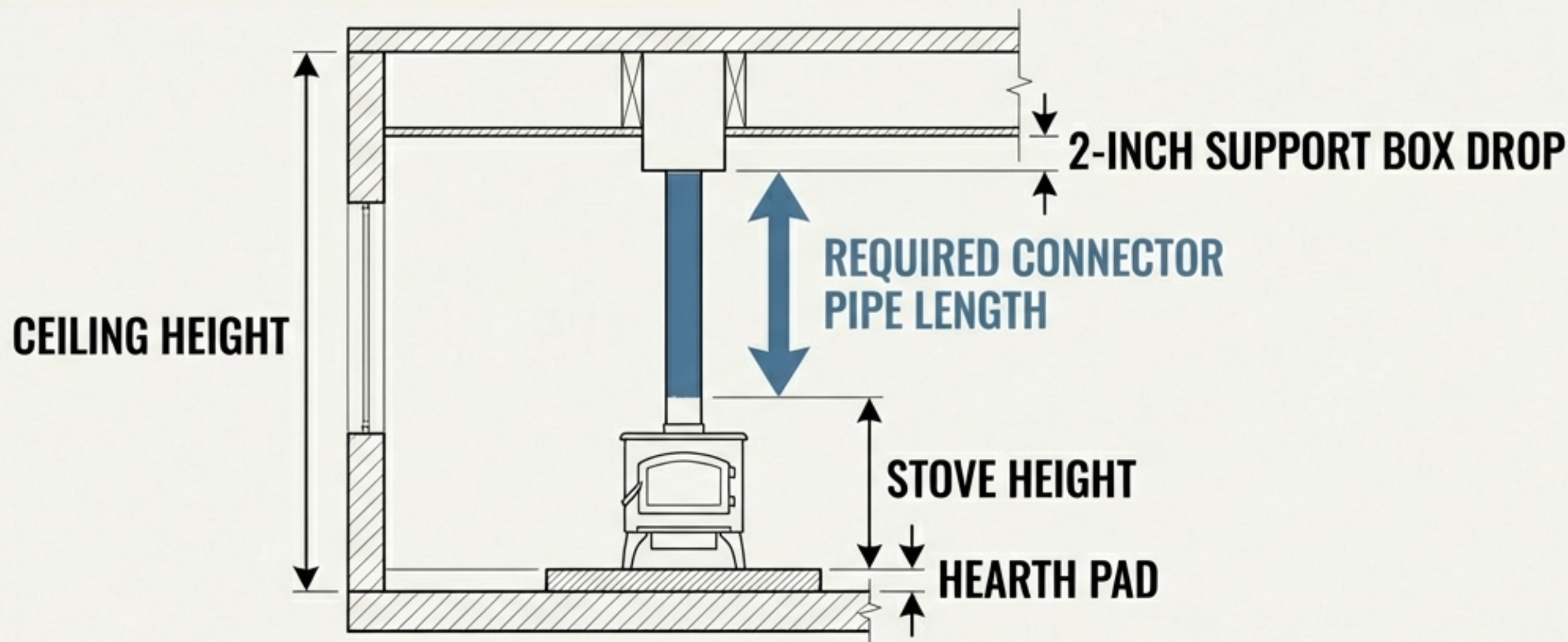


ROOF PITCH

CEILING THICKNESS

⚠ The box must extend a minimum of 2 inches below the finished ceiling.

THE “UPWARD” CALCULATION



Connector Length = (Ceiling Height) - (Stove Height) - (Hearth Height) - (2" Drop)



TELESCOPING PIPE

Recommended. Eliminates cutting.
Adjustable (e.g., 38"-70").



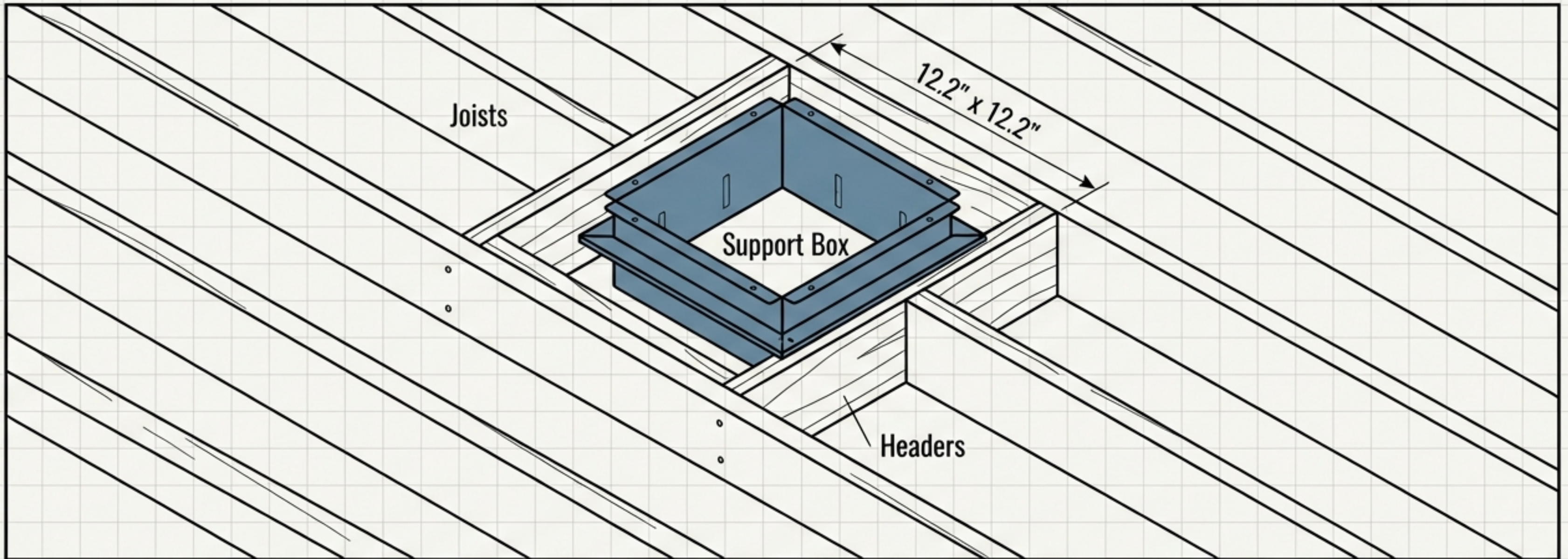
FIXED LENGTHS

May require cutting to fit.



ACCURATE MEASUREMENTS ARE CRITICAL FOR SAFETY AND PROPER FIT. DOUBLE-CHECK ALL DIMENSIONS.

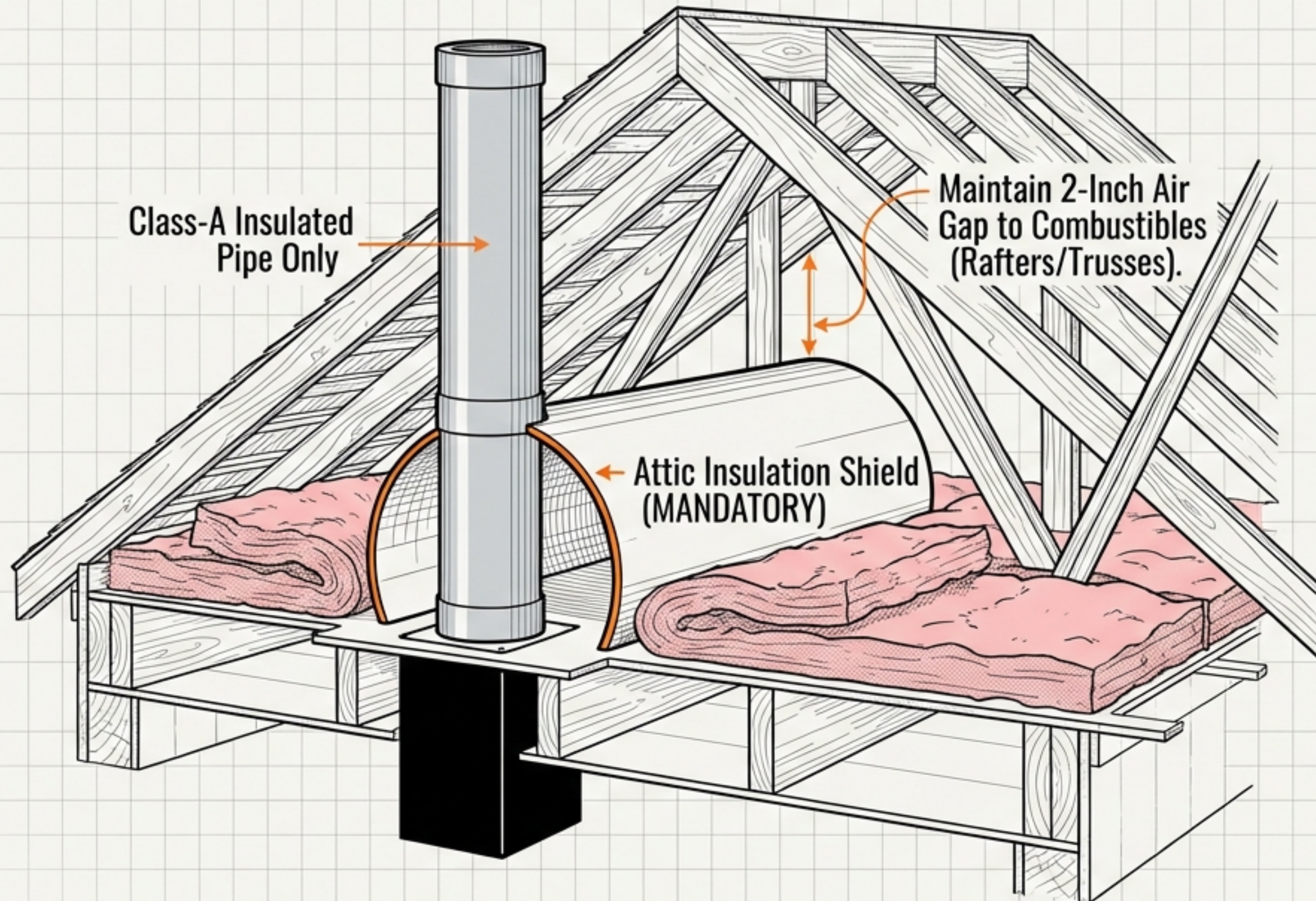
PHASE 3: PASSING THROUGH THE CEILING



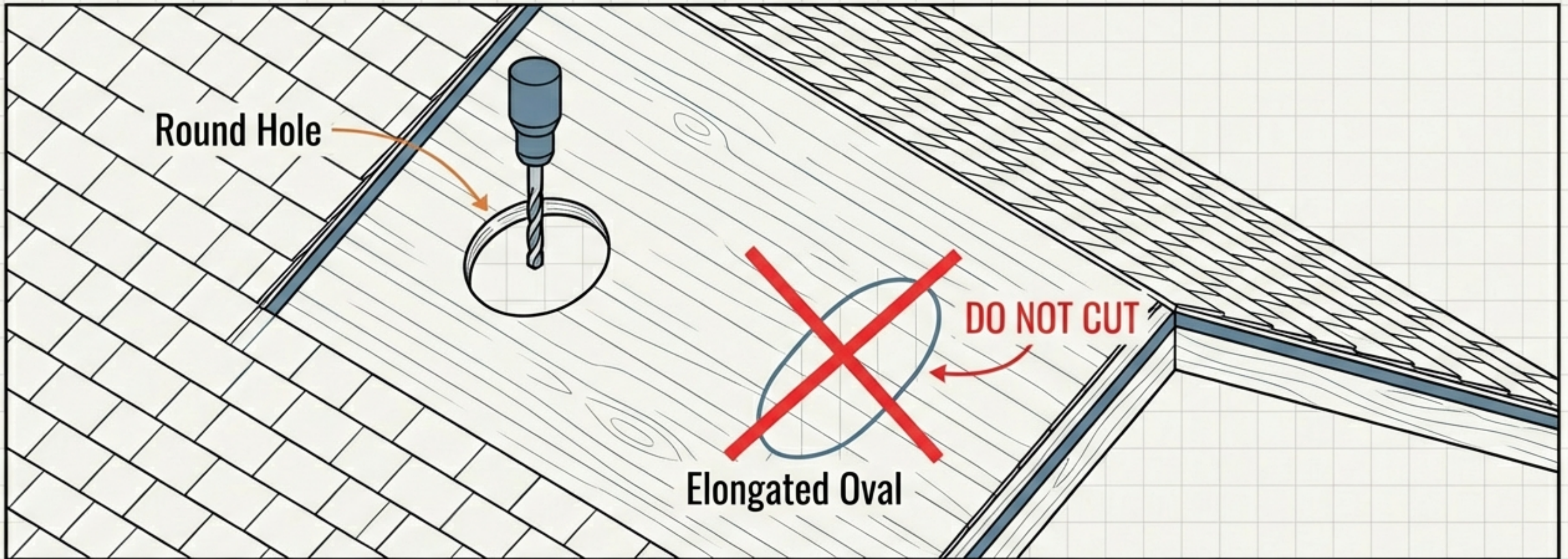
- **1. The Cut:** Cut drywall opening to box dimensions (e.g., 12.2" x 12.2").
- **2. The Frame:** Install headers and blocking on all four sides. NEVER cut a joist without temporary support.
- **3. The Mount:** Secure box level and square. Ensure 2-inch extension below ceiling.

⚠ ENSURE THE BOX EXTENDS AT LEAST 2 INCHES BELOW THE FINISHED CEILING SURFACE. REFER TO MANUFACTURER GUIDELINES.

THE ATTIC ASSEMBLY



PHASE 4: ROOF PENETRATION GEOMETRY



1. Drill pilot hole to find center.

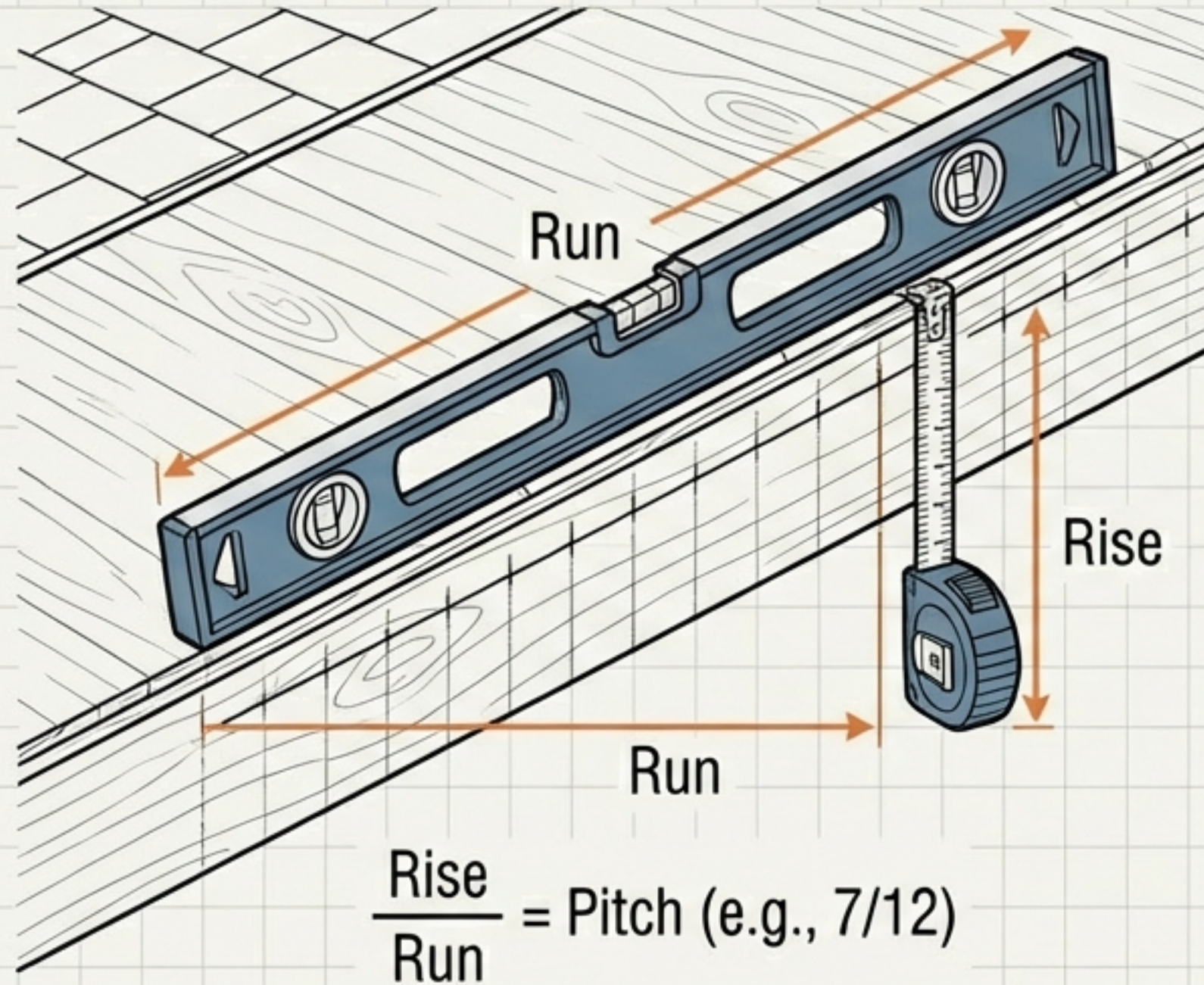
2. **CUT A ROUND HOLE.** Do not cut an oval.

Note: The roof flashing is designed to compensate for the pitch. The hole in the deck remains round.

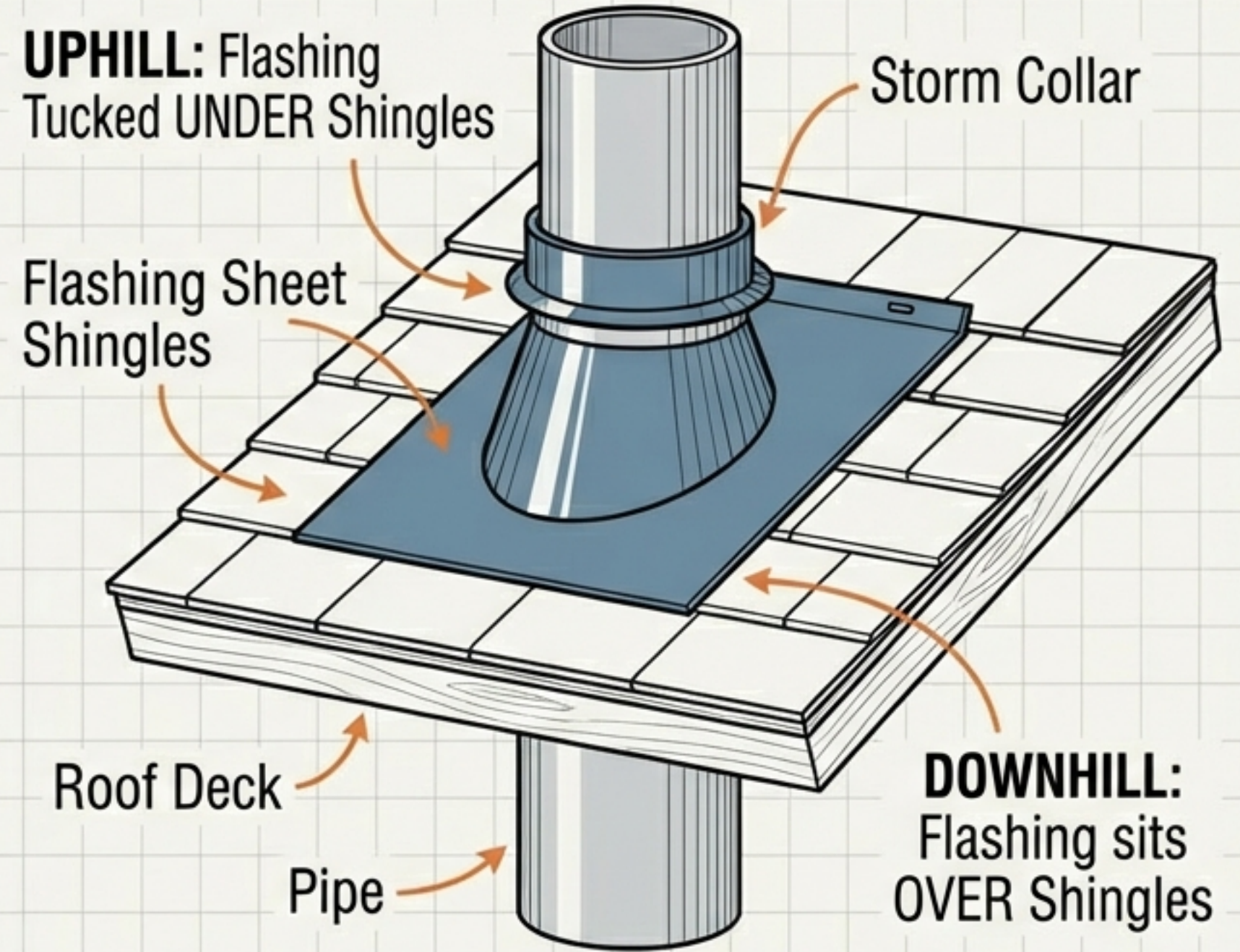
Do **NOT** route through the Roof Ridge (Peak). Exit below the peak for proper flashing seal.

WEATHERPROOFING: FLASHING & PITCH

VISUAL A: PITCH CALCULATION

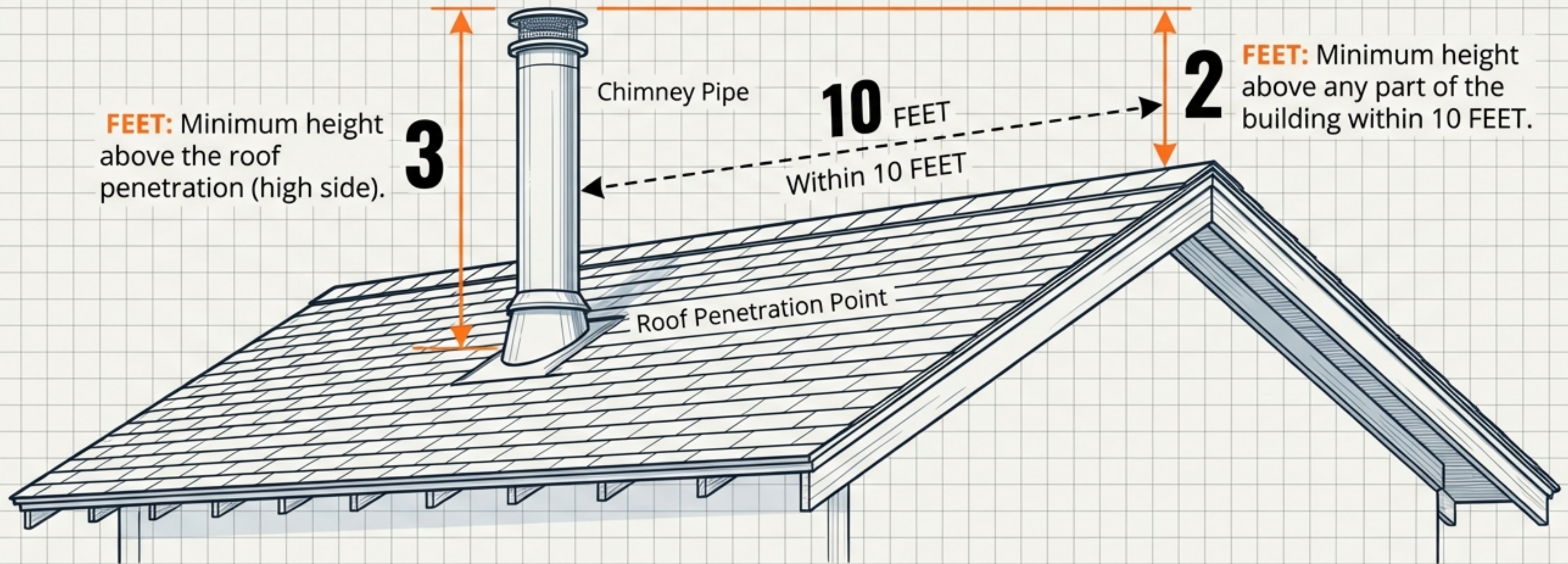


VISUAL B: FLASHING INSTALLATION



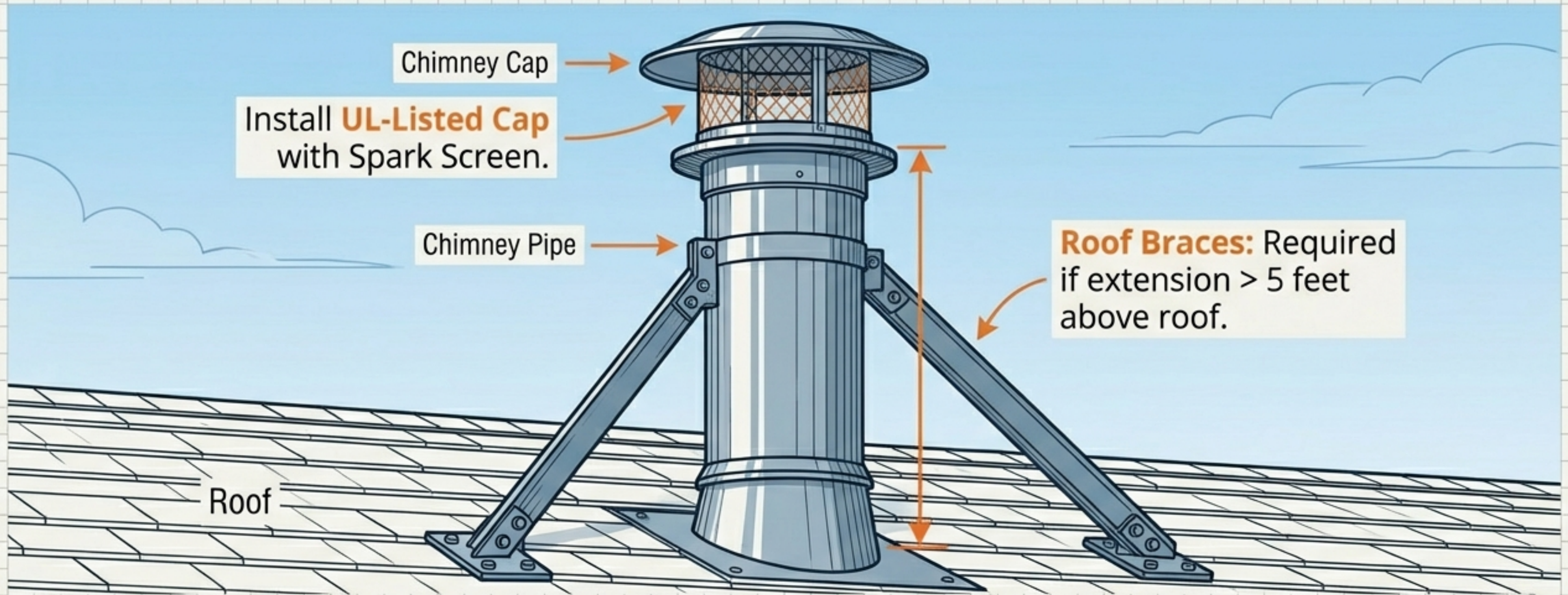
SELECT FLASHING RANGE: Flat, 0/12-6/12, or 7/12-12/12.

PHASE 5: THE 3-2-10 RULE



When in doubt, go taller. A taller chimney ensures better draft and safety.

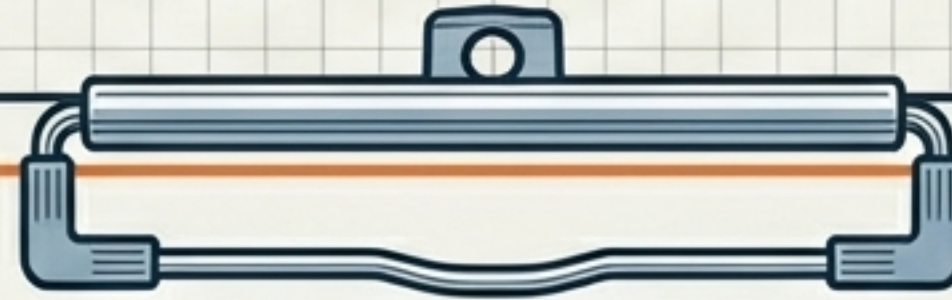
TERMINATION & STABILITY



Draft Check: Verify system height creates sufficient draft to prevent smoke backflow.

Ensure all components are securely fastened and weather-sealed.

INSTALLATION VALIDATION CHECKLIST



Support Box: Selected based on ceiling structure, NOT roof pitch.



Roof: Round hole cut; Flashing handles the the pitch.



Clearances: Verified 18" (Single) or Mfg Spec (Double).



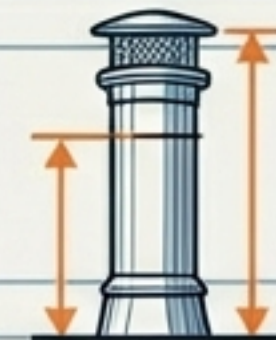
Ridge: Penetration is BELOW the peak.



Attic: Shield installed & 2-inch clearance maintained.



Height: Meets 3-2-10 Rule.



Do not light the first fire until all items are verified.

FINAL STEPS & RESOURCES

THE BURN-IN Drafting Black Oswald

The first fire cures the high-temperature paint. Open windows to vent initial smoke/odor.



MAINTENANCE Drafting Black Oswald

Inspect cap and flue regularly for creosote buildup.



TECHNICAL ASSISTANCE Steel Blue Oswald

Chimney & Stove Co. LLC

Phone: 888-8340-880



Reminder: Always consult local fire officials and building inspectors for final sign-off.

