

CUSTOM GALLERY WALL PLAN

# A clear path from layout to hook marks.

This sample shows the structure of a Hangometry deliverable: a scaled arrangement, center offsets, hardware-aware mark heights, and a final verification checklist.

SAMPLE PROJECT

## Five-frame collected wall

Example wall: 144 x 96 in

Arrangement center: 72 in from the left, 60 in from the floor

Grouping size: 78 x 42 in



REFERENCE POINT

**72 x 60 in**

from left x from floor

INCLUDED

**4 pages**

layout, marks, checklist

REVISION

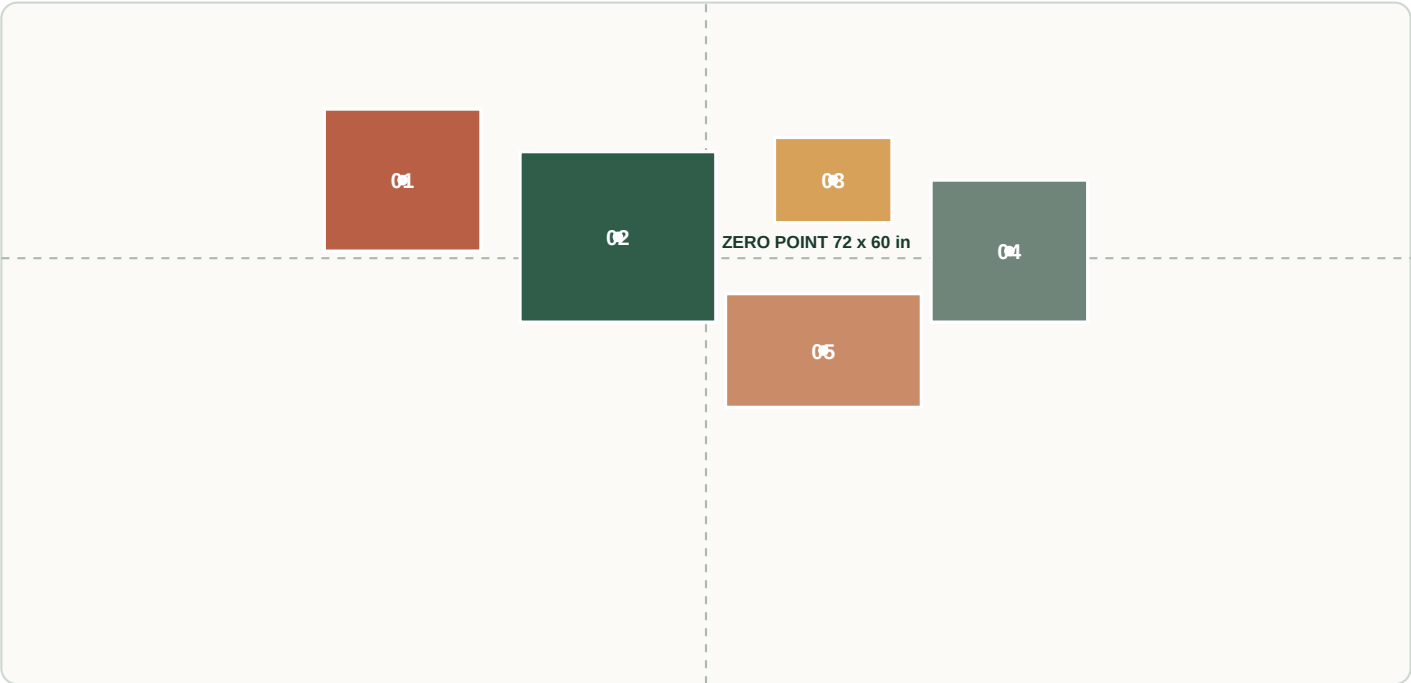
**1 round**

placement or spacing

**Important:** This is an example, not an installation approval. Verify every supplied measurement, wall material, hidden utility, fastener rating, and frame weight on site before drilling.

# Scaled arrangement

Use the arrangement center as the shared zero point. The frame-center offsets below are independent of hook type.



144 in wall width

Diagram is proportional; verify all dimensions on site

| FRAME | OUTER SIZE | HORIZONTAL CENTER | VERTICAL CENTER |
|-------|------------|-------------------|-----------------|
| 01    | 16 x 20 in | 31 in left        | 11 in up        |
| 02    | 20 x 24 in | 9 in left         | 3 in up         |
| 03    | 12 x 12 in | 13 in right       | 11 in up        |
| 04    | 16 x 20 in | 31 in right       | 1 in up         |
| 05    | 20 x 16 in | 12 in right       | 13 in down      |



# Hardware-aware mark sheet

Hook height = frame center height + half the frame height - measured hardware drop. Horizontal marks use the wall's 72 in centerline.

| FRAME | HARDWARE    | TOP EDGE | DROP    | HOOK HEIGHT | HORIZONTAL MARK(S)     |
|-------|-------------|----------|---------|-------------|------------------------|
| 01    | Wire        | 81 in    | 4.5 in  | 76.5 in     | 31 in left             |
| 02    | Two D-rings | 75 in    | 3 in    | 72 in       | 16 L / 2 L from center |
| 03    | Sawtooth    | 77 in    | 0.75 in | 76.25 in    | 13 in right            |
| 04    | Wire        | 71 in    | 4 in    | 67 in       | 31 in right            |
| 05    | Two D-rings | 55 in    | 2 in    | 53 in       | 6 R / 18 R from center |

### MEASURE HARDWARE UNDER REAL LOAD

For wire, pull upward at the intended hook point before measuring the drop. For two D-rings, confirm both drops and their center-to-center spacing. If the two sides differ, stop and remeasure before transferring marks.

All marks in this sample are measured from the finished floor and the wall's 72 in centerline. Laser and tape readings should agree before drilling.



# Transfer and verify

Work from the shared reference point, not from neighboring frames. Recheck each mark before making a hole.

01

## Confirm the wall rectangle

Measure the usable wall width and height again. Confirm floor and ceiling conditions and note trim, outlets, switches, vents, and furniture.

02

## Establish the zero point

Mark 72 in from the left reference edge and 60 in from the finished floor. Use removable tape and verify with a laser or second tape reading.

03

## Place paper templates

Cut templates to the outer dimensions and place each center using page 2. Stand back from normal viewing positions before accepting the arrangement.

04

## Remeasure the hardware

Measure each frame's actual hardware drop and spacing. Compare with page 3. Update the math if any value differs.

05

## Transfer hook marks

Measure every hook independently from the shared wall references. For pairs, verify level and center-to-center spacing.

06

## Choose safe fasteners

Identify wall construction and hidden utilities. Use manufacturer-rated hardware suitable for the frame weight and wall material, or hire a qualified installer.

07

## Dry-check before drilling

Overlay the hook marks on the paper templates. Confirm the projected frame edges, furniture clearance, and grouping center one last time.

08

## Hang and verify

Install one frame at a time, check level, and compare the finished edges with the plan. Stop if the result does not match the expected geometry.

READY FOR YOUR OWN WALL?

[hangometry.com/custom-gallery-plan](https://hangometry.com/custom-gallery-plan)

One wall - up to 8 frames - one revision