



Fracture Panel

FilaSorb™ 12

acoufelt
making quiet

Product Detail

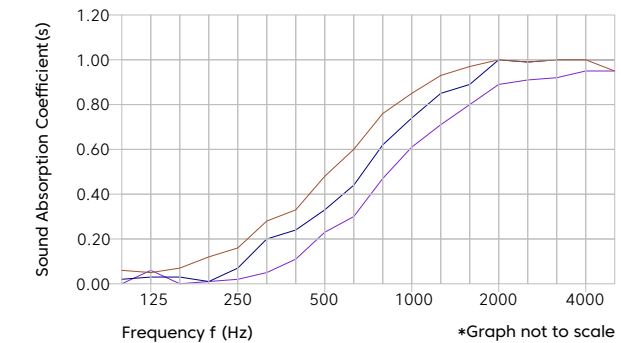
Product	Fracture Panel
Surface	Wall
Composition	100% Polyester
Material	FilaSorb™
Recycled Content	60% min.
Dimensions	1220 x 2800mm
	Custom size available upon request
Thickness	12mm +/- 10%

Technical Data

Fire Test Method Number	ISO 9705: 1993 Group 1 AS ISO 9705:2003 Group 1 ASTM E84-17a Class A
Indoor Air Quality	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017, ≤ 0.5mg/m3
Light Fastness	ISO 105-B02 1994, 6-7

Acoustic Performance

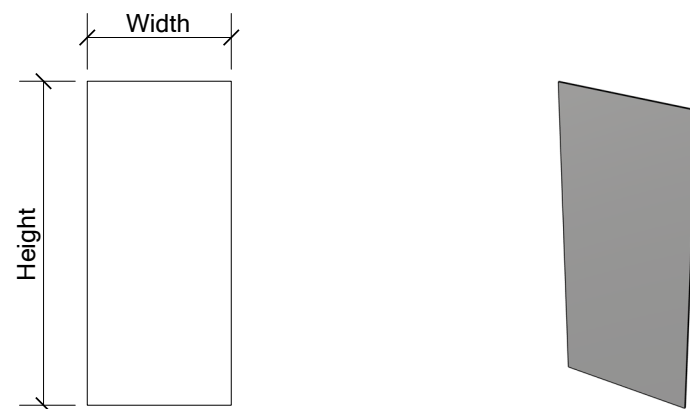
Sound Absorption ISO 354-2006
 NRC 0.45 (no air gap)
 NRC 0.54 (12mm air gap)
 NRC 0.64 (20mm air gap)



Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
a_s No Air Gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
12mm a_s Air Gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
20mm a_s Air Gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64

Product Drawing

Elevation Perspective



Guarantees

Warranty against defects 20 years*
 Light Fastness Warranty 20 years*
 * conditions apply

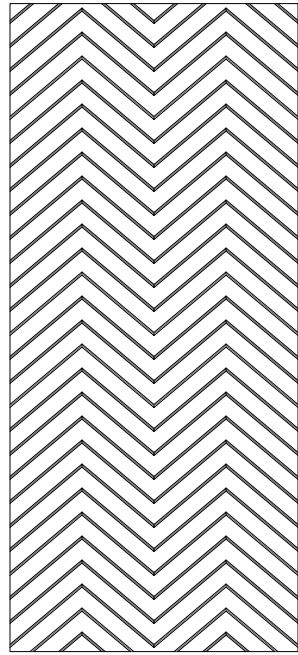
Environmental Attributes

- Declare Certification
- LCB Red List Free
- Phenol And Formaldehyde Free
- Low VOC
- CDPH Compliance
- Complies with Building Standards

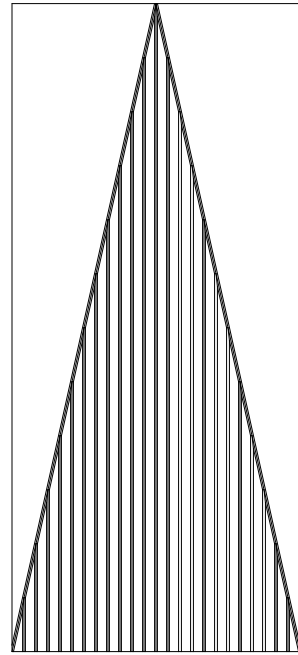


Patterns

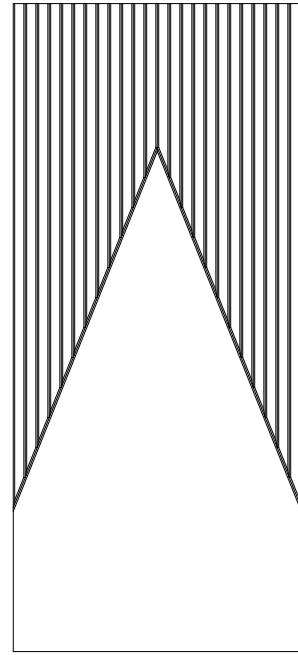
Chevron



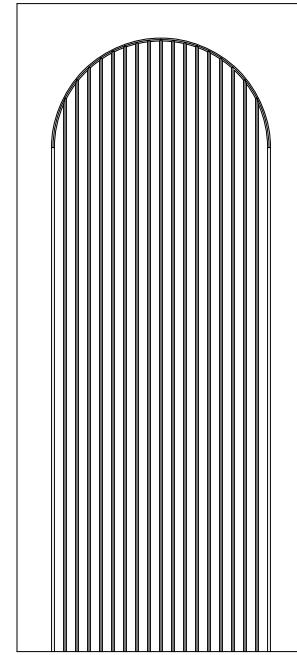
Pennant



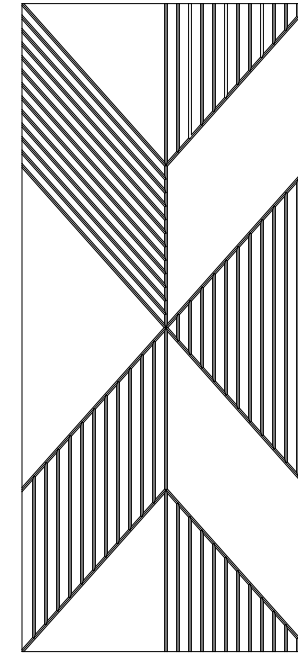
Summit



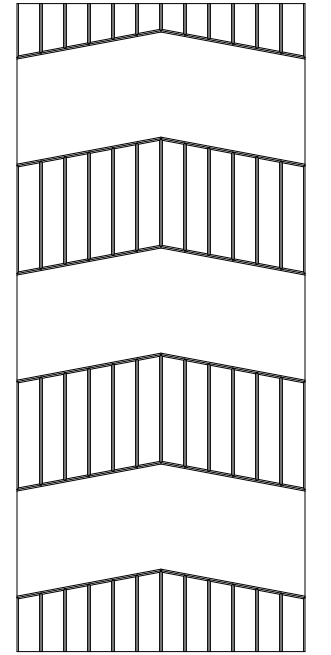
Arch



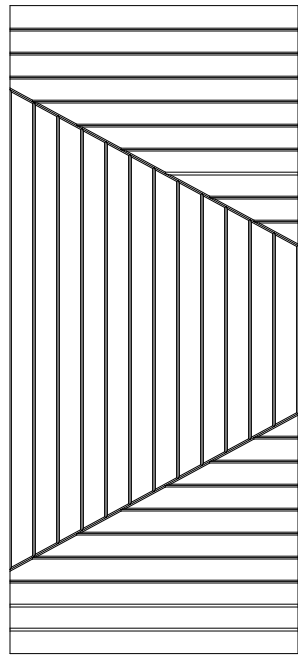
Metropolis



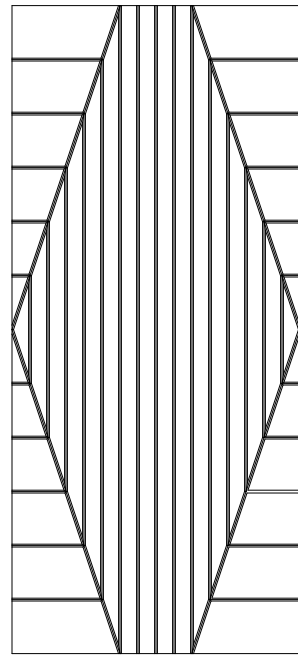
Track



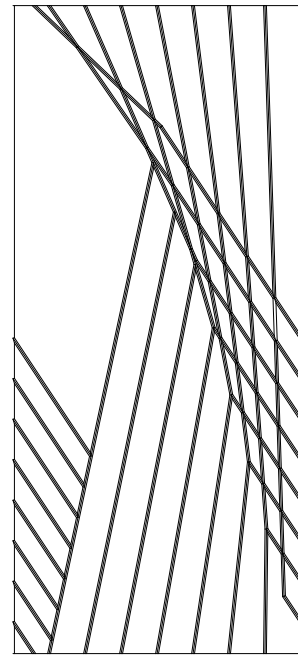
Pulse



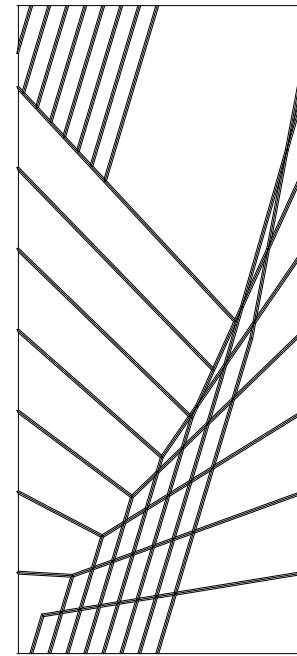
Harlequin



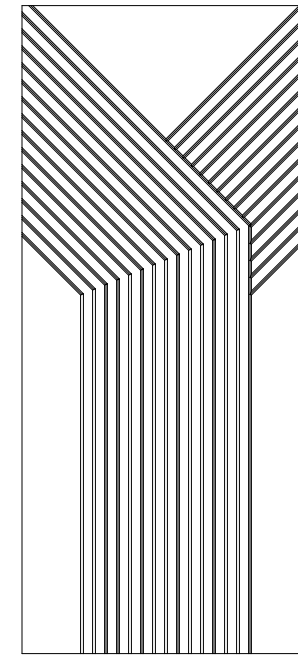
Spirograph



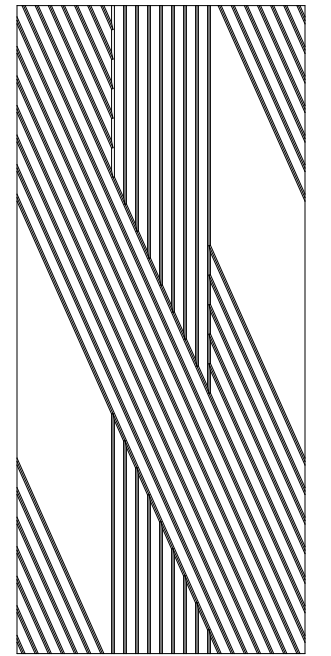
Prism



Rowhouse

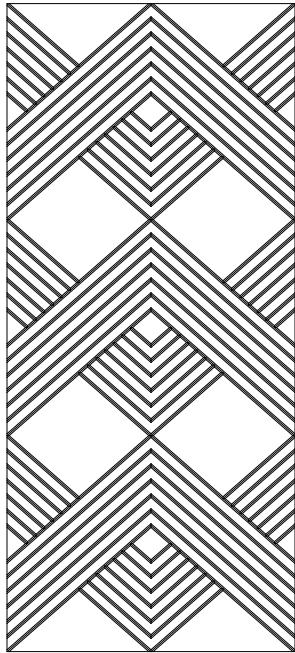


Intersect

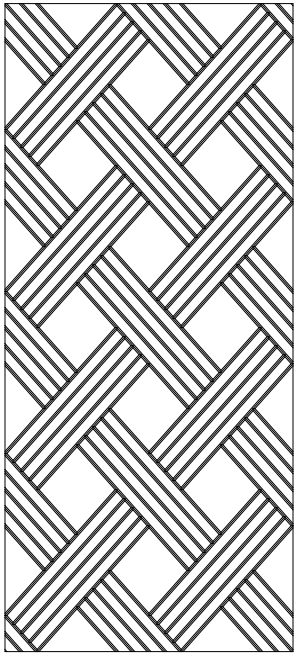


Patterns

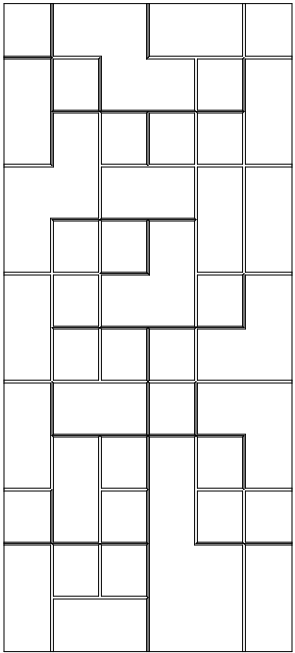
Knit



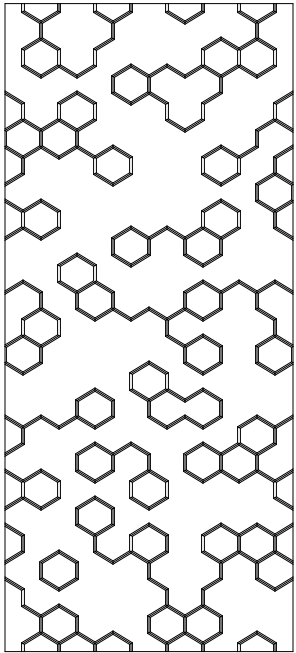
Lattice



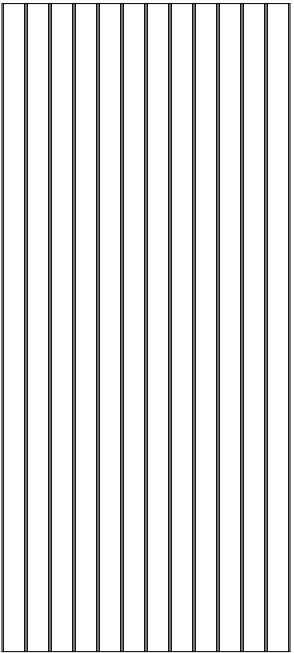
Maze



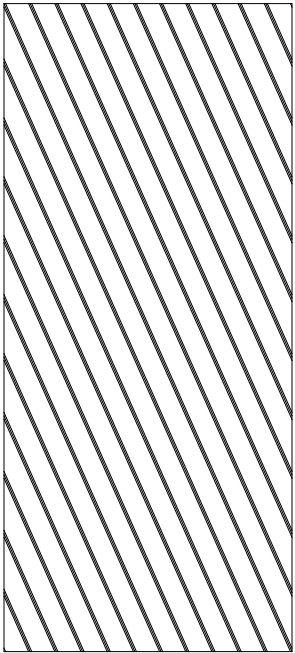
Formula



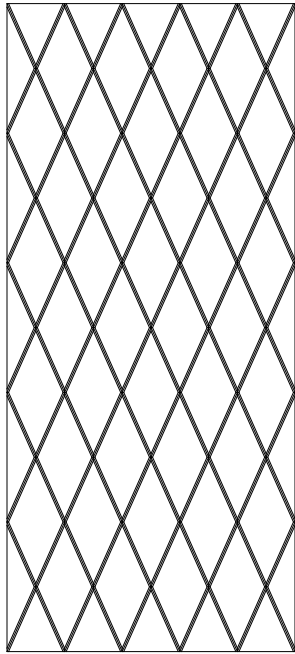
Fineline



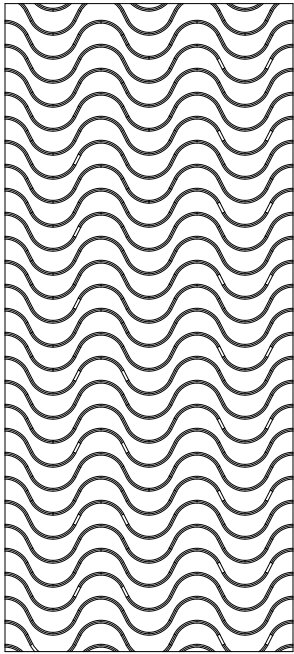
Diagonal



Trellis



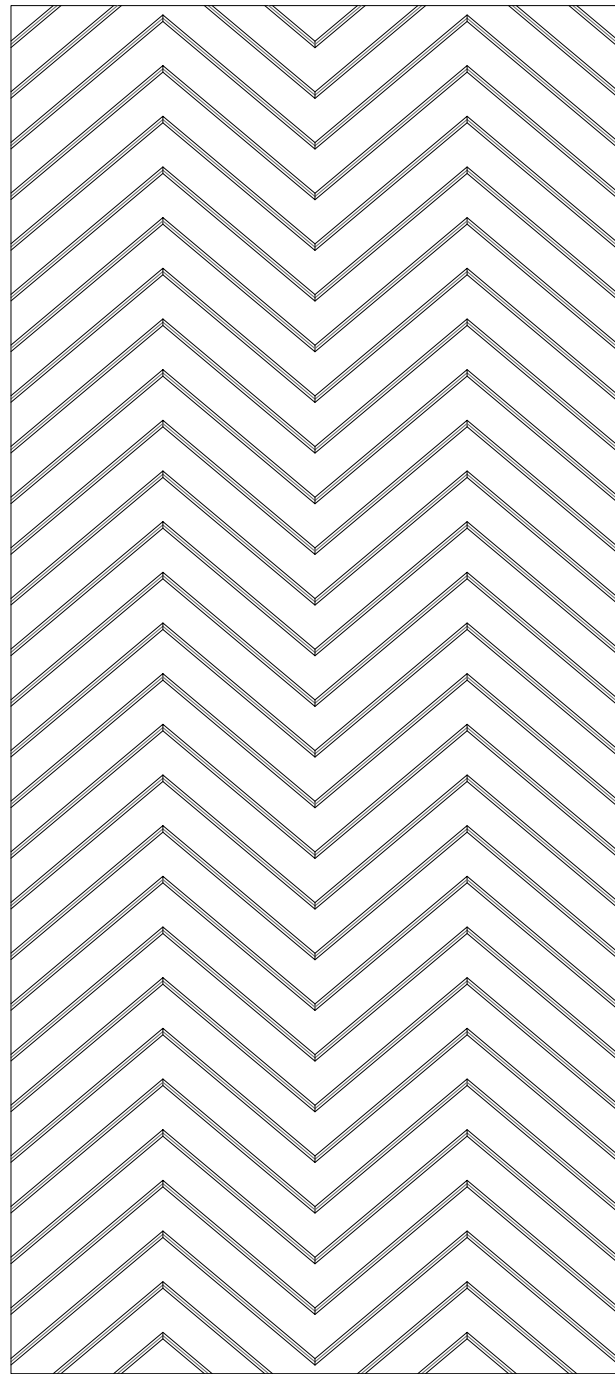
Wavelength



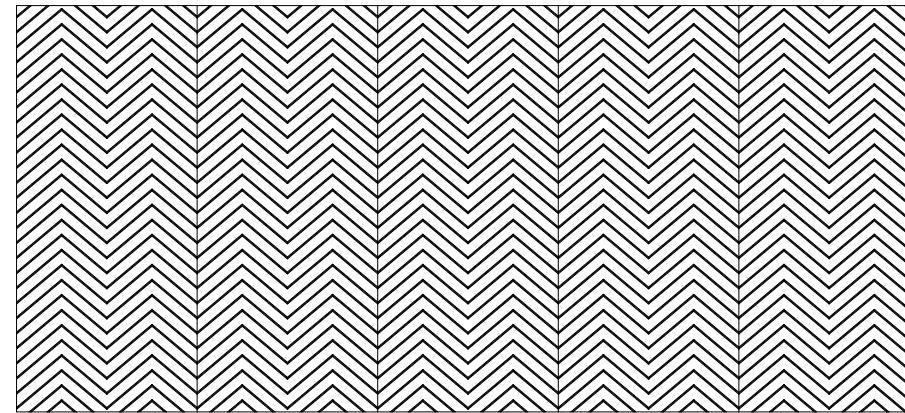
Chevron Pattern

Recommended Layout

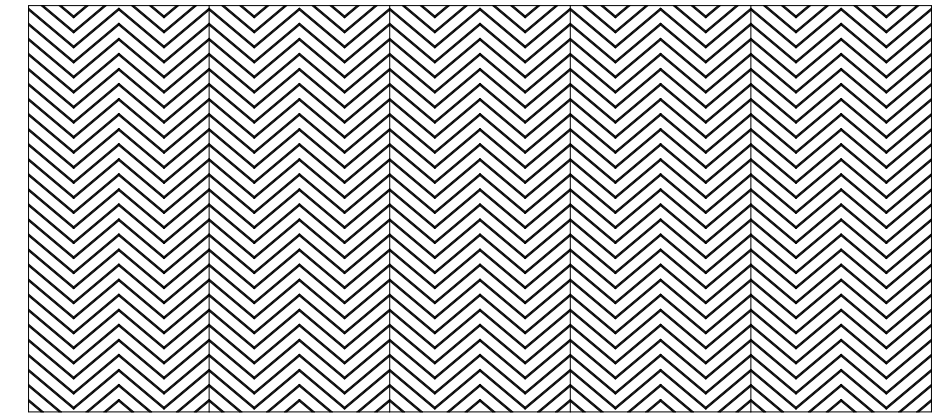
Chevron



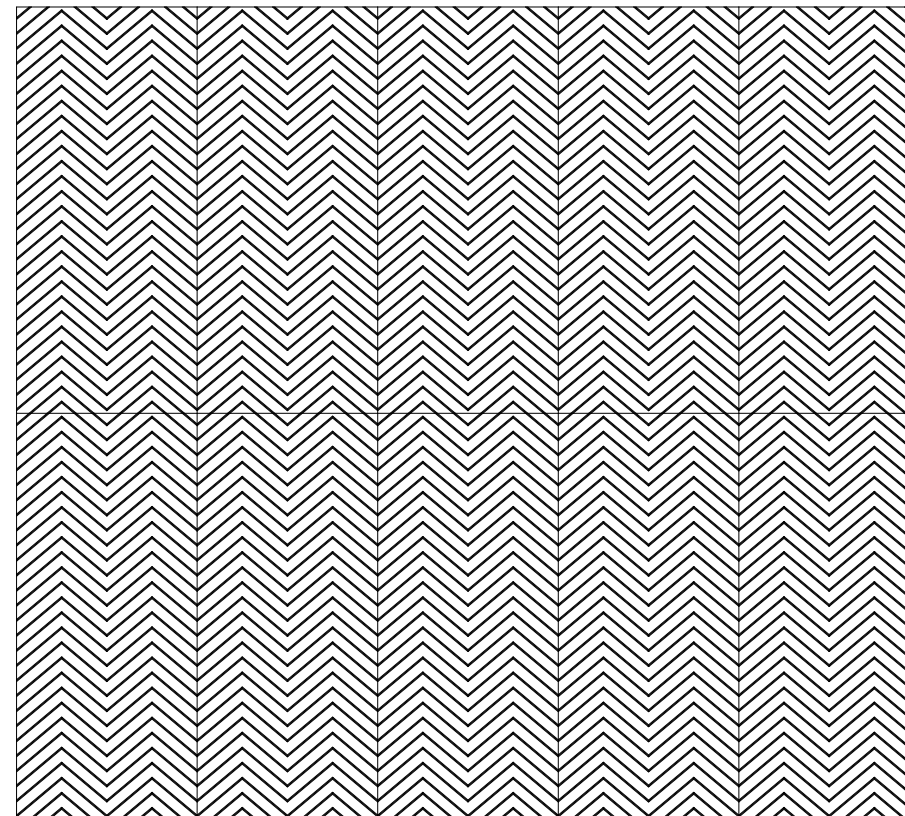
Layout 1



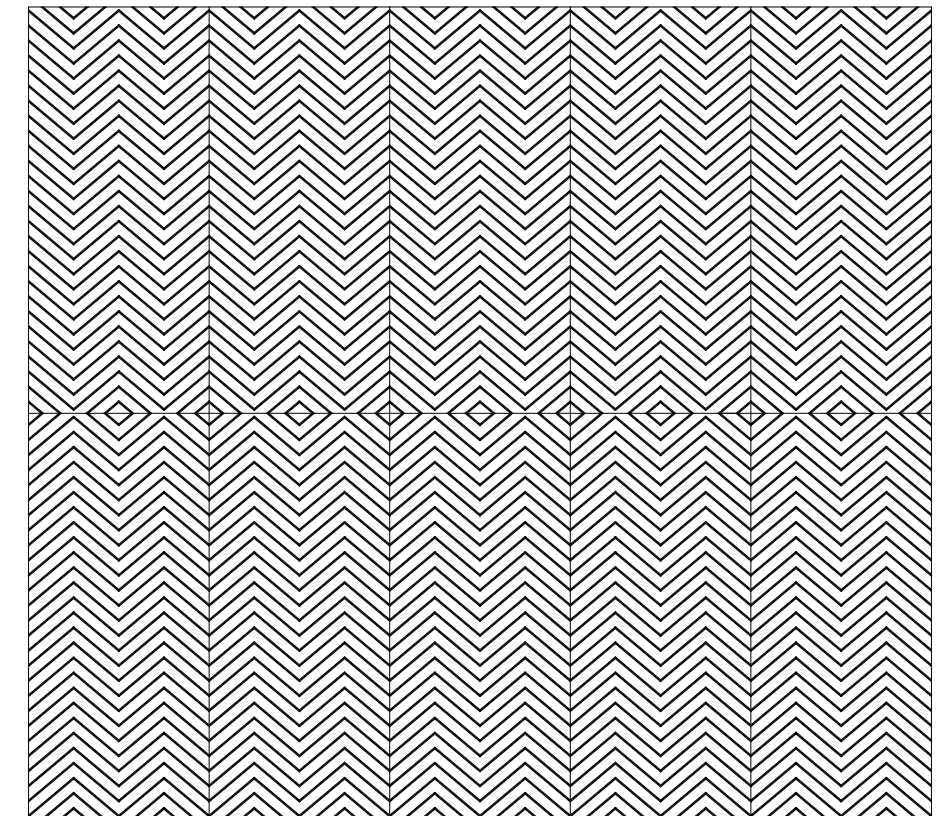
Layout 2



Layout 3



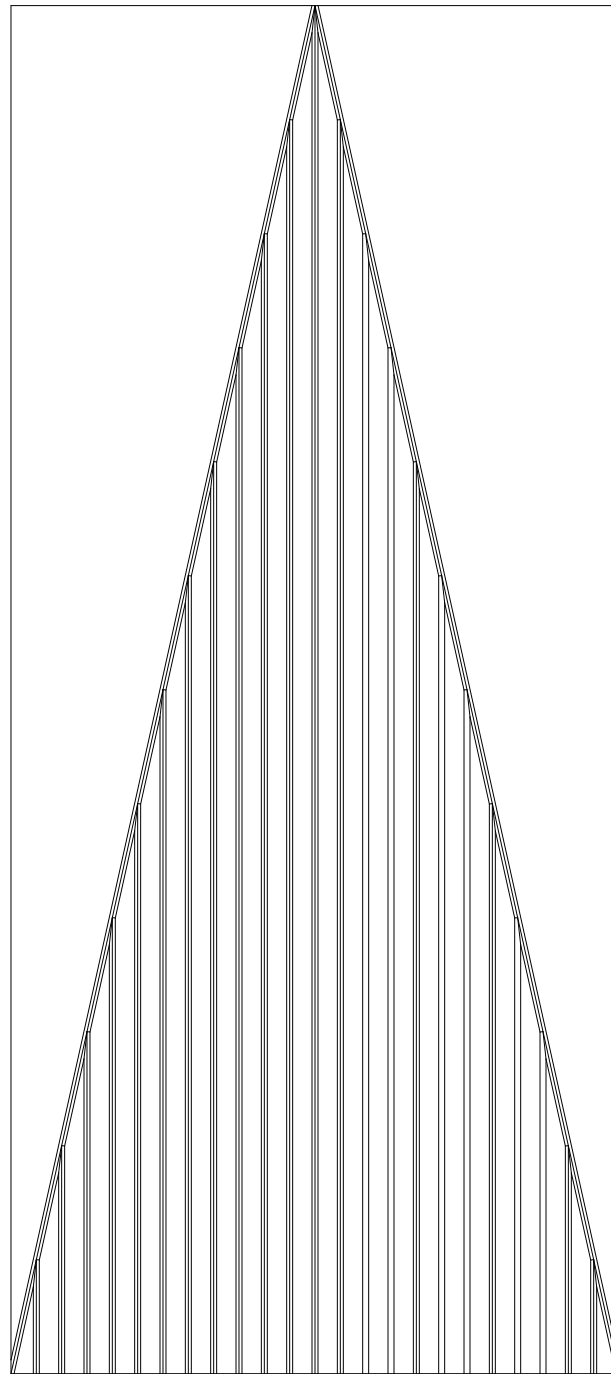
Layout 4



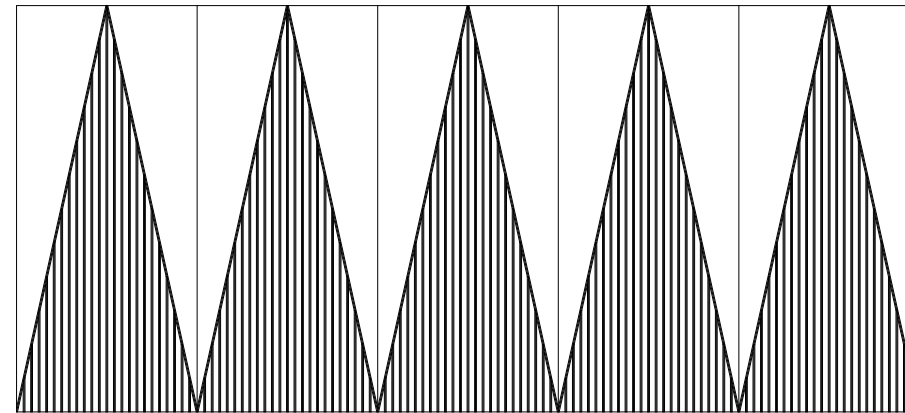
Pennant Pattern

Recommended Layout

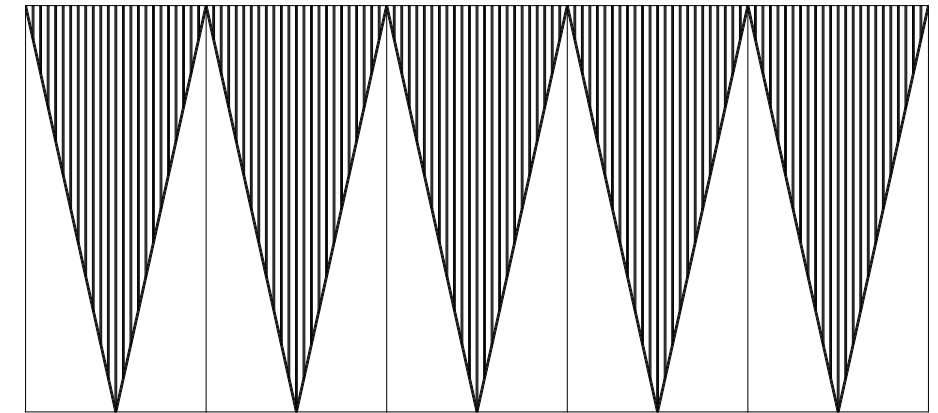
Pennant



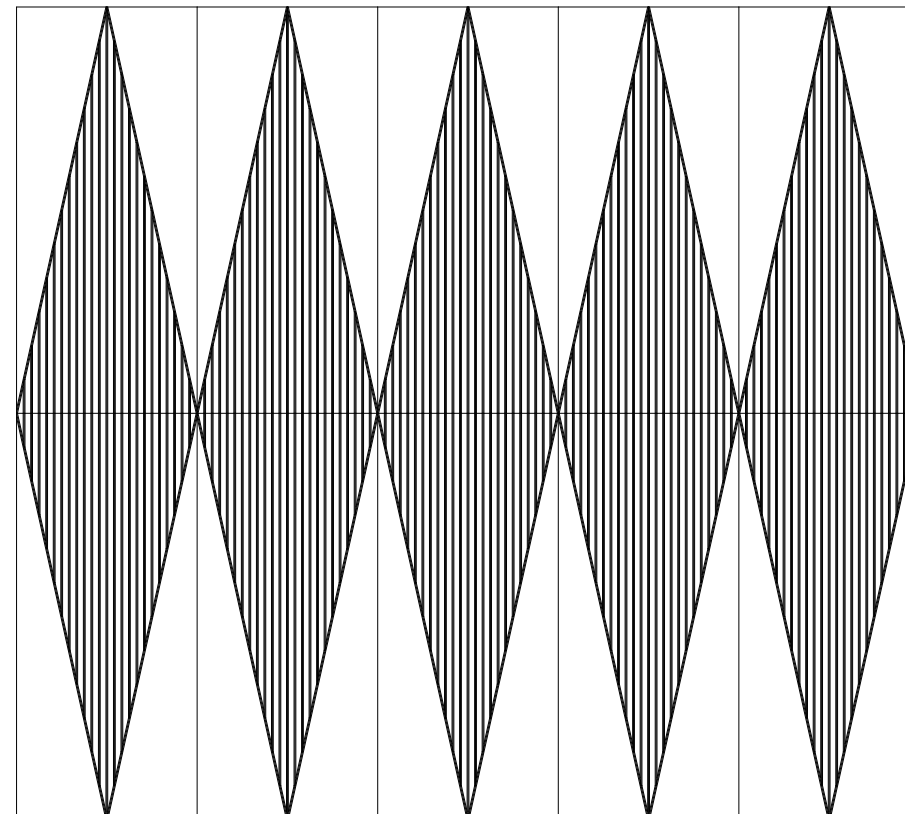
Layout 1



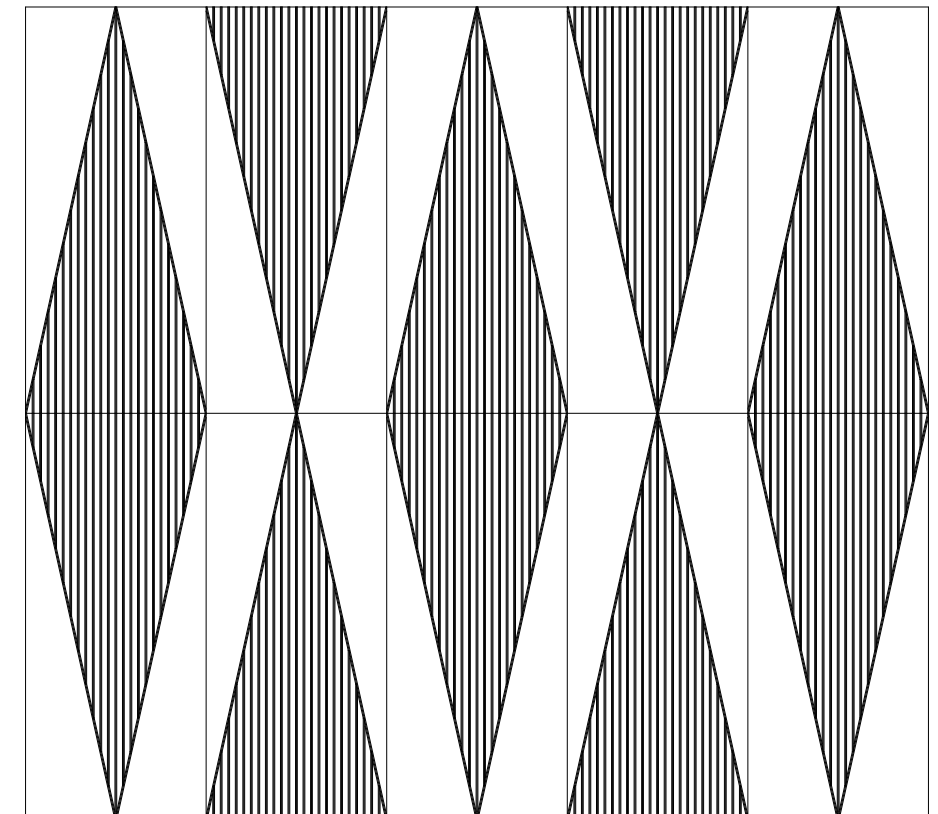
Layout 2



Layout 3



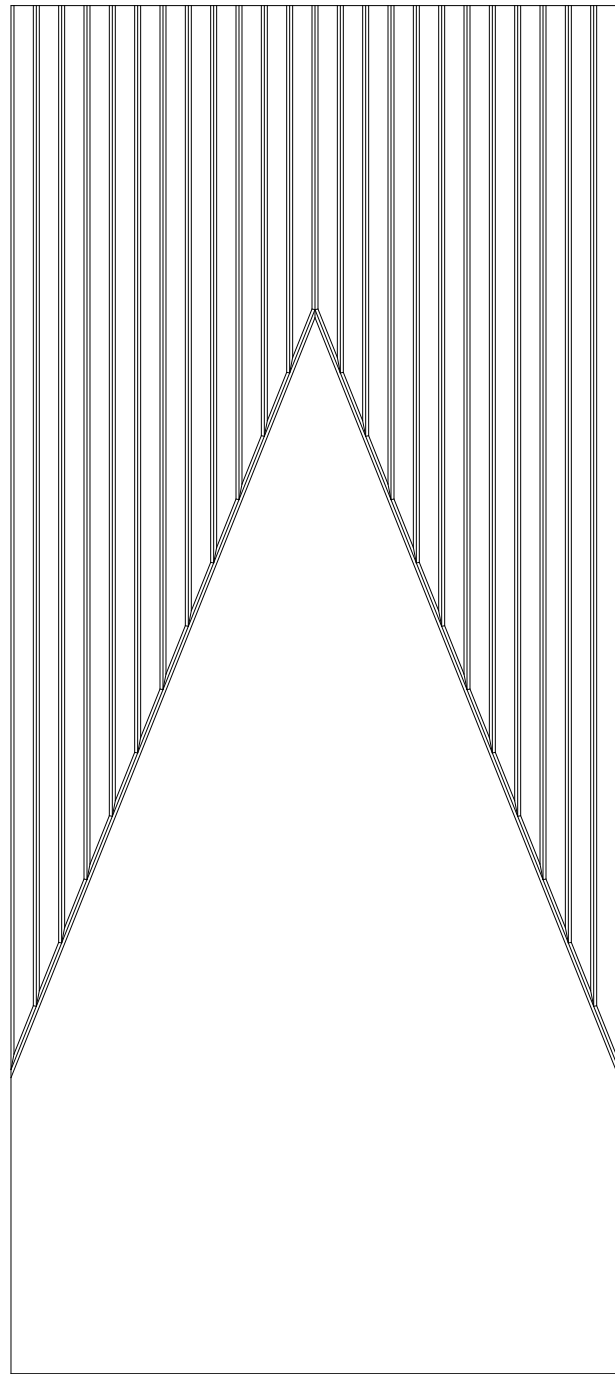
Layout 4



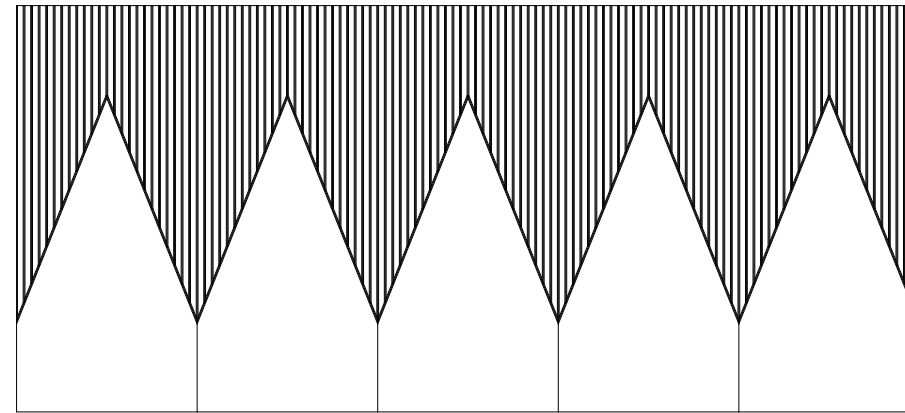
Summit Pattern

Recommended Layout

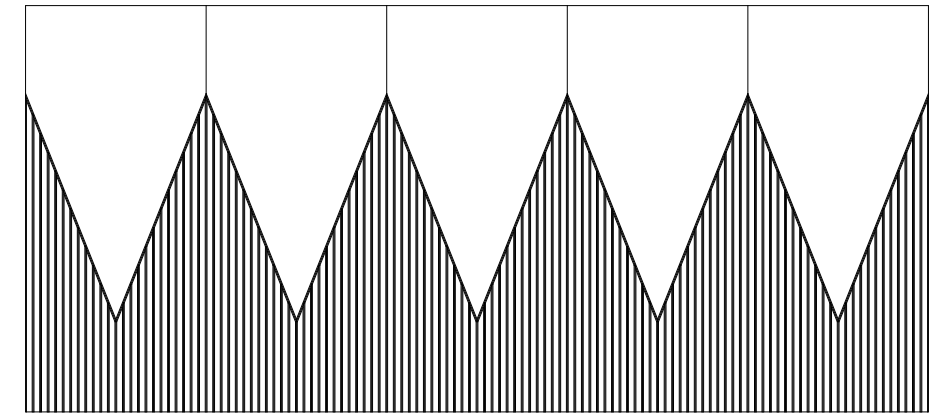
Summit



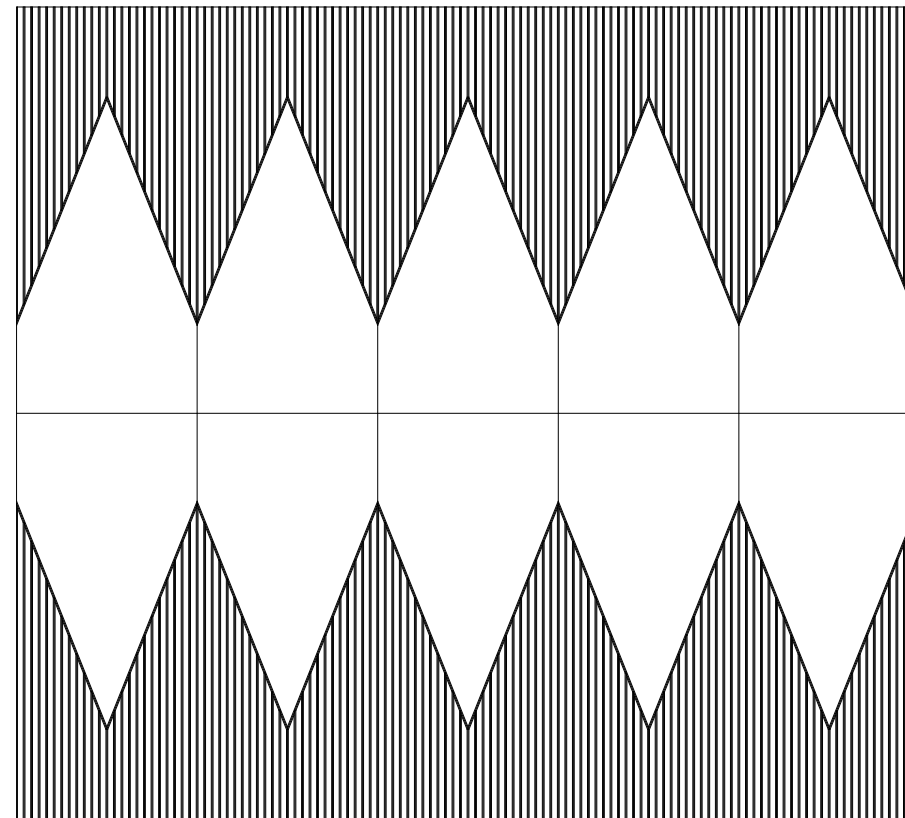
Layout 1



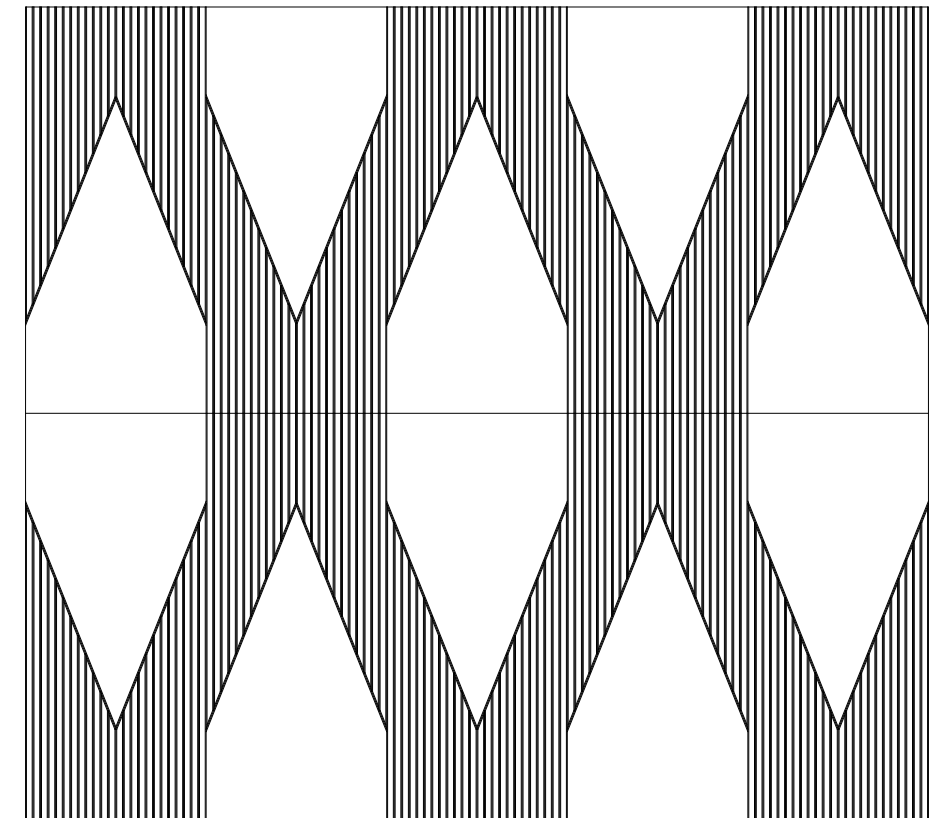
Layout 2



Layout 3



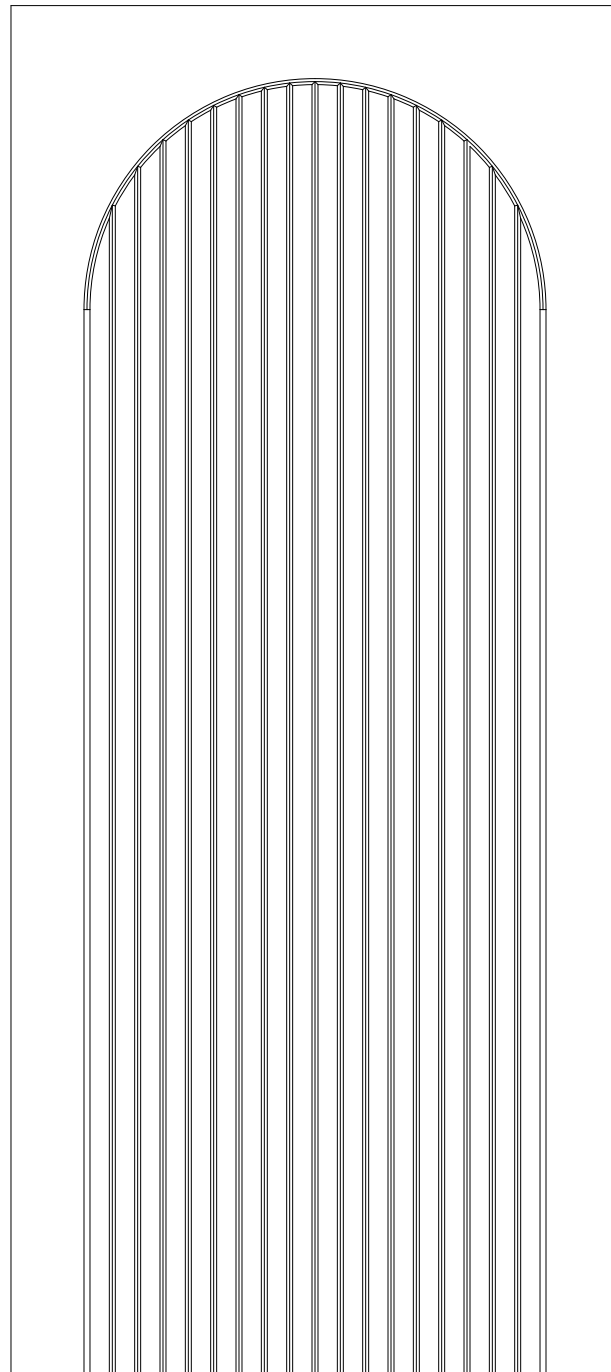
Layout 4



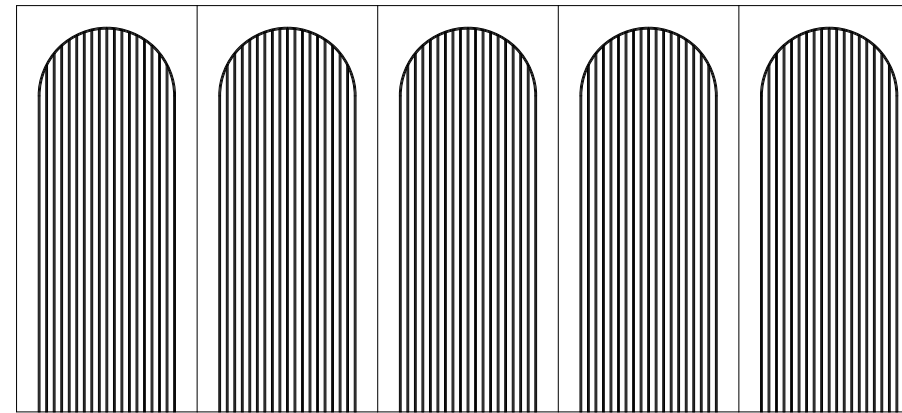
Arch Pattern

Recommended Layout

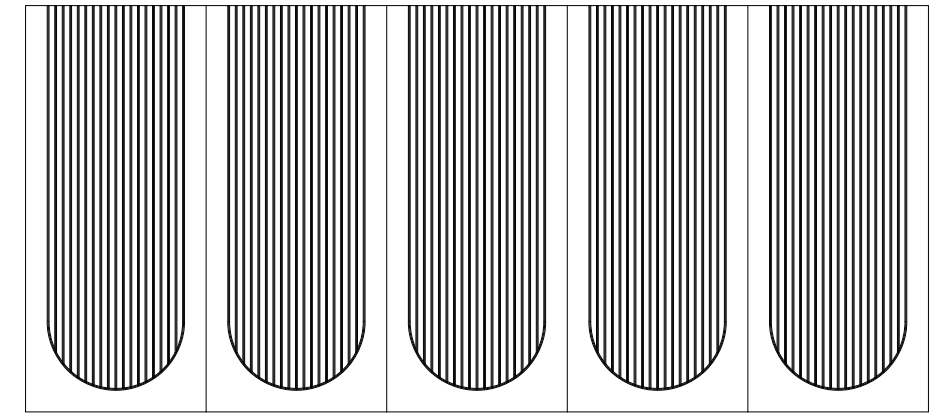
Arch



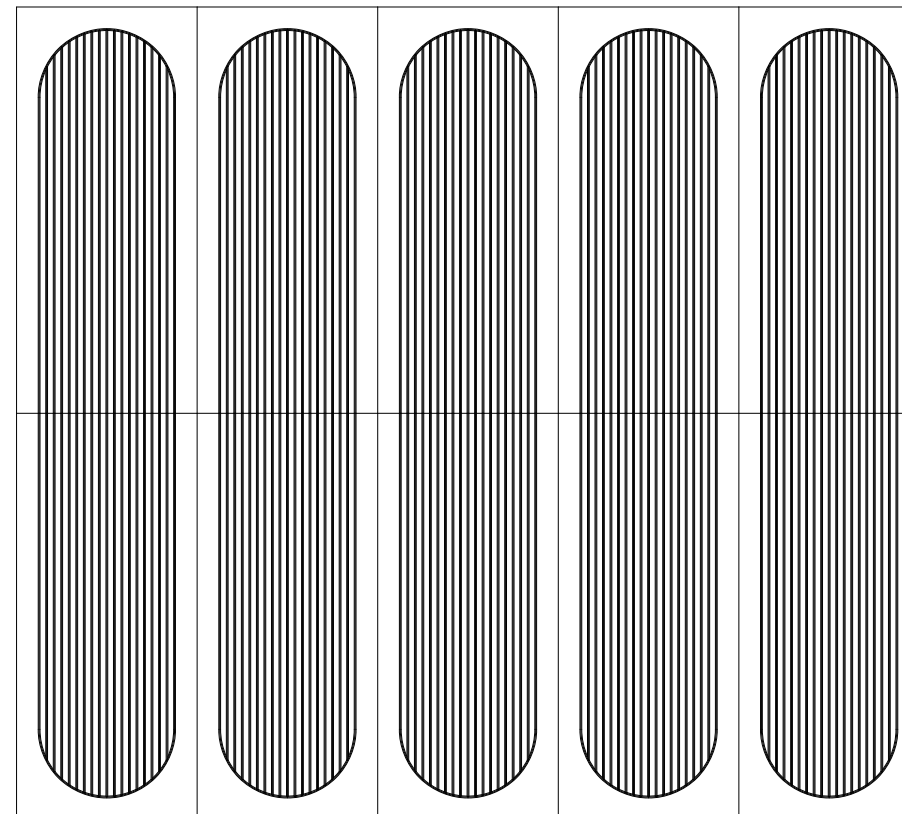
Layout 1



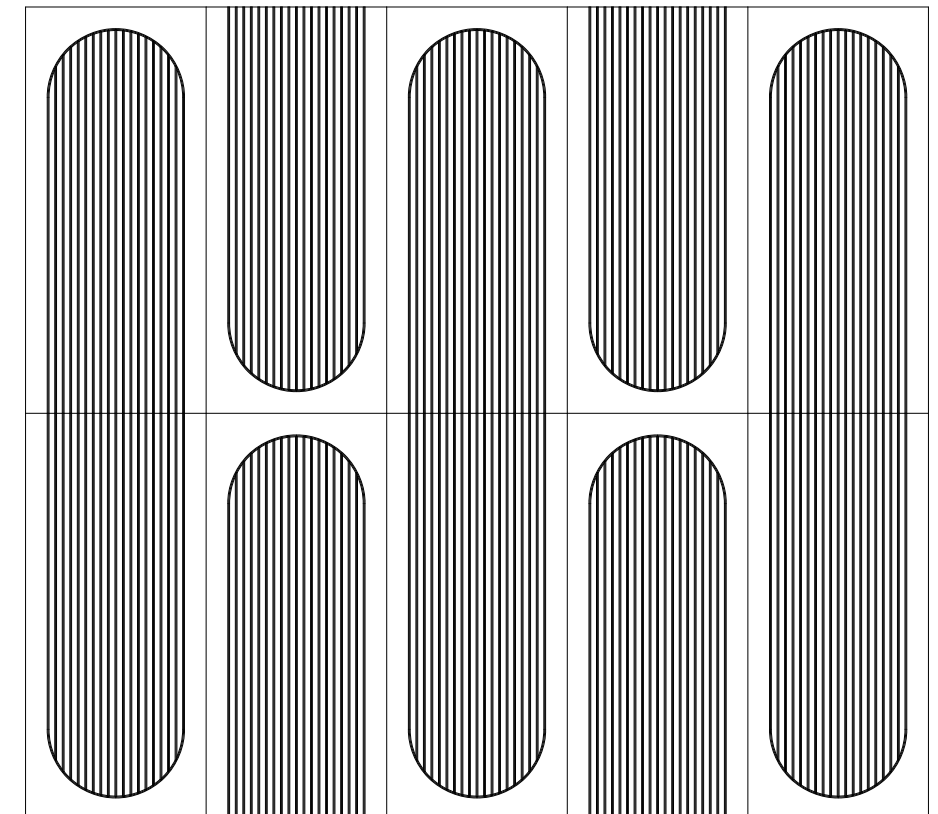
Layout 2



Layout 3



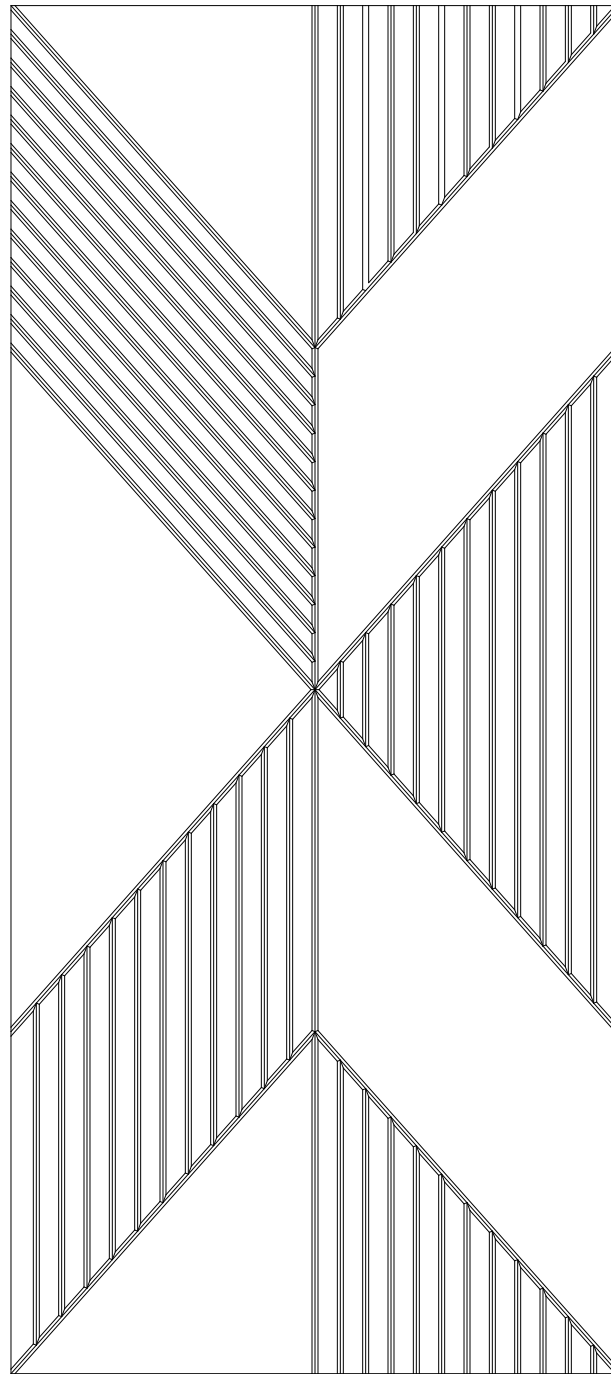
Layout 4



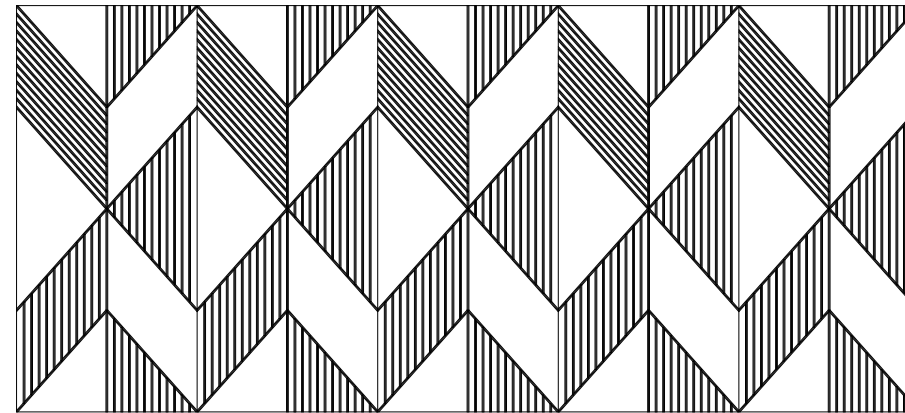
Metropolis Pattern

Recommended Layout

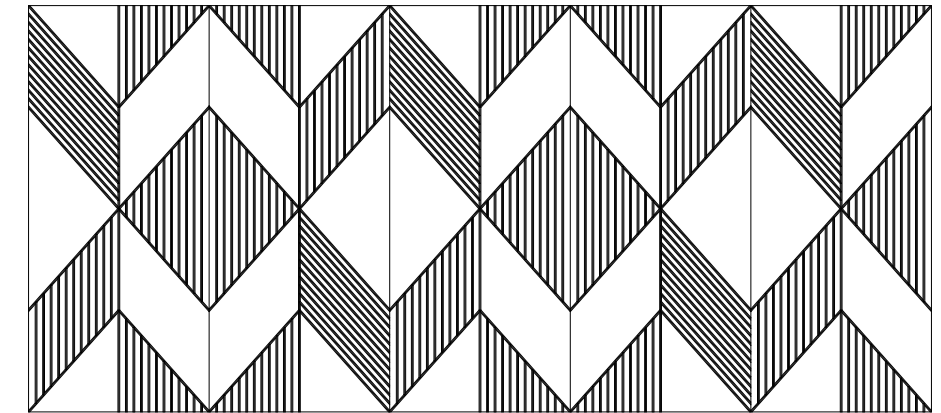
Metropolis



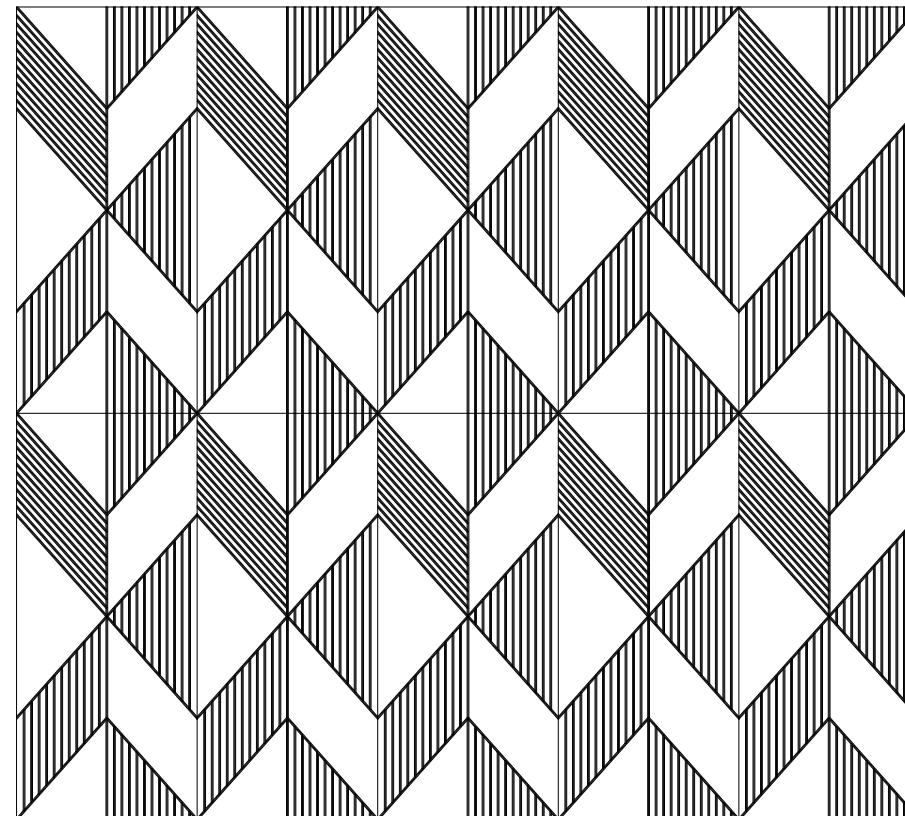
Layout 1



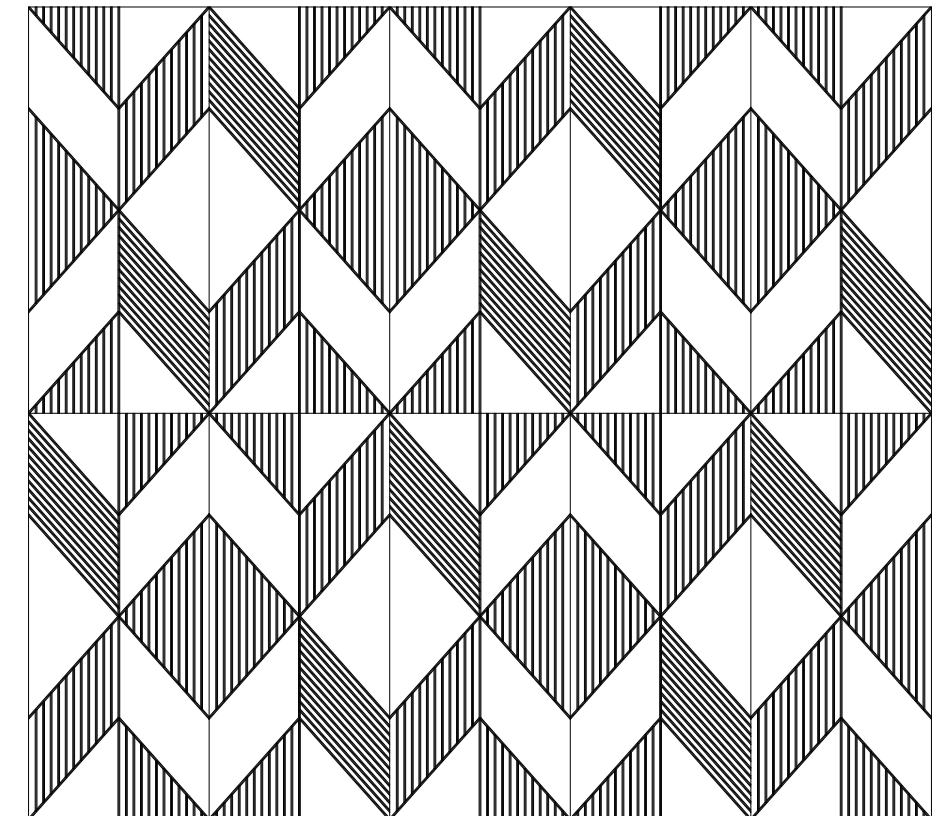
Layout 2



Layout 3



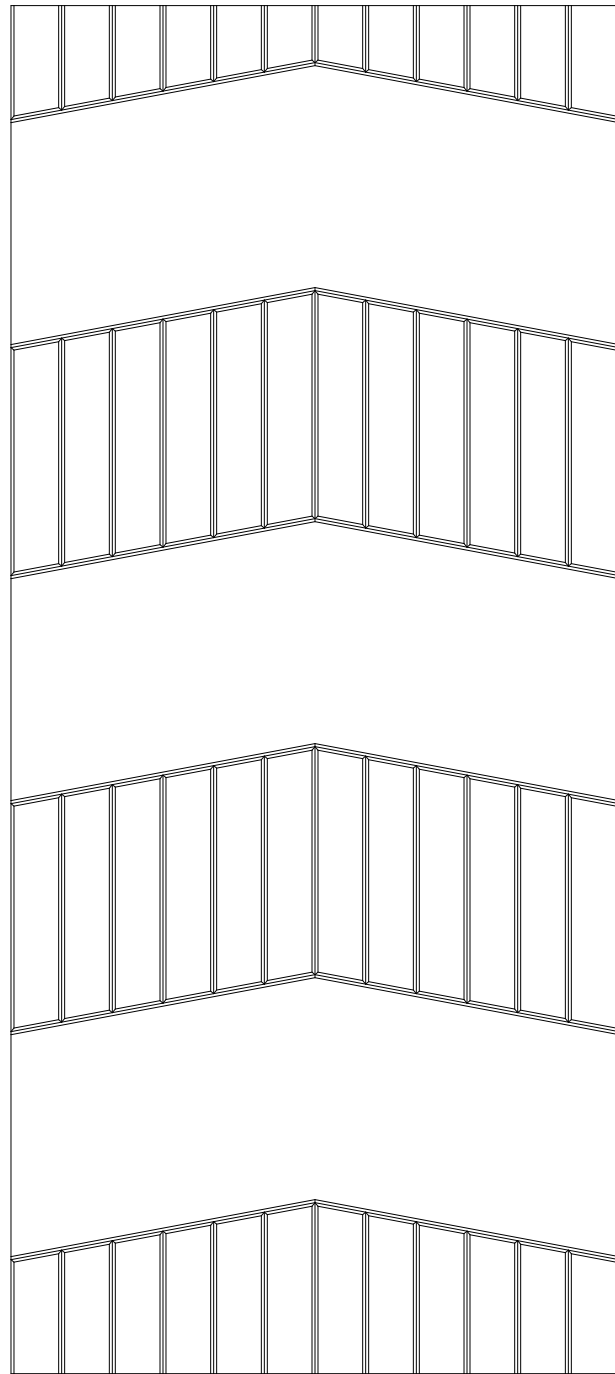
Layout 4



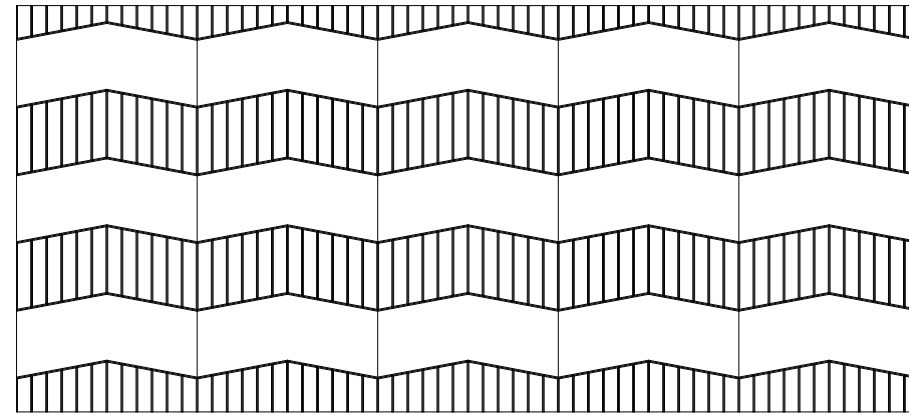
Track Pattern

Recommended Layout

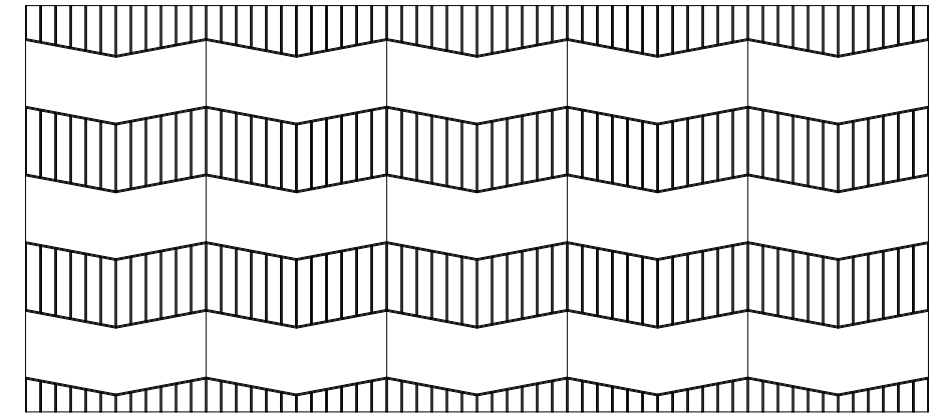
Track



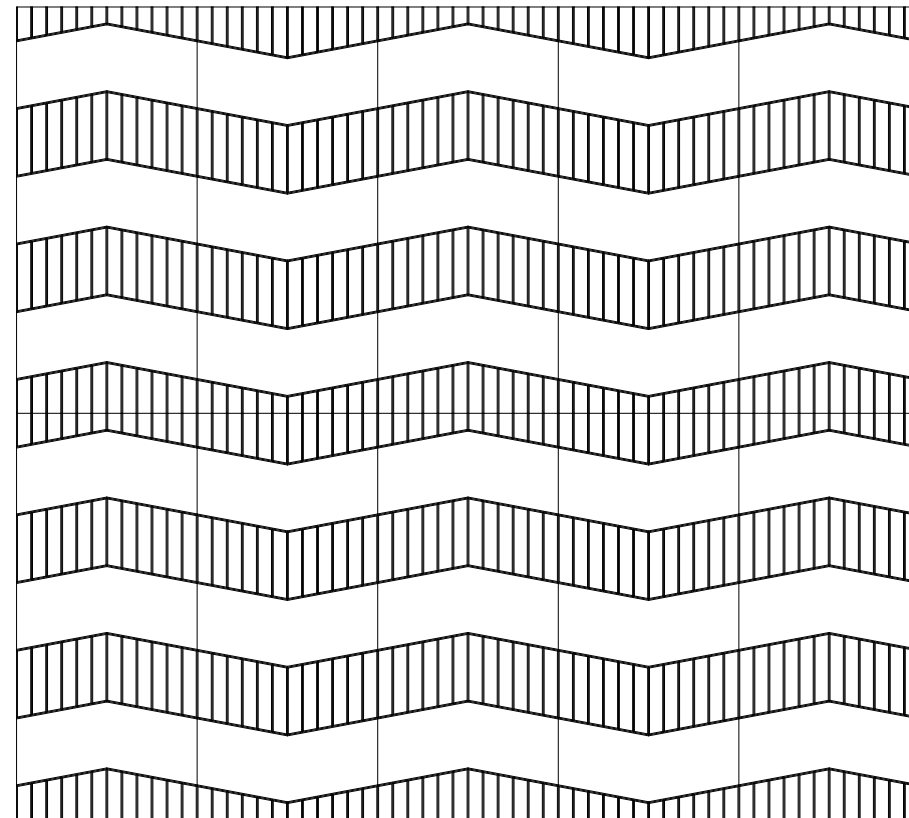
Layout 1



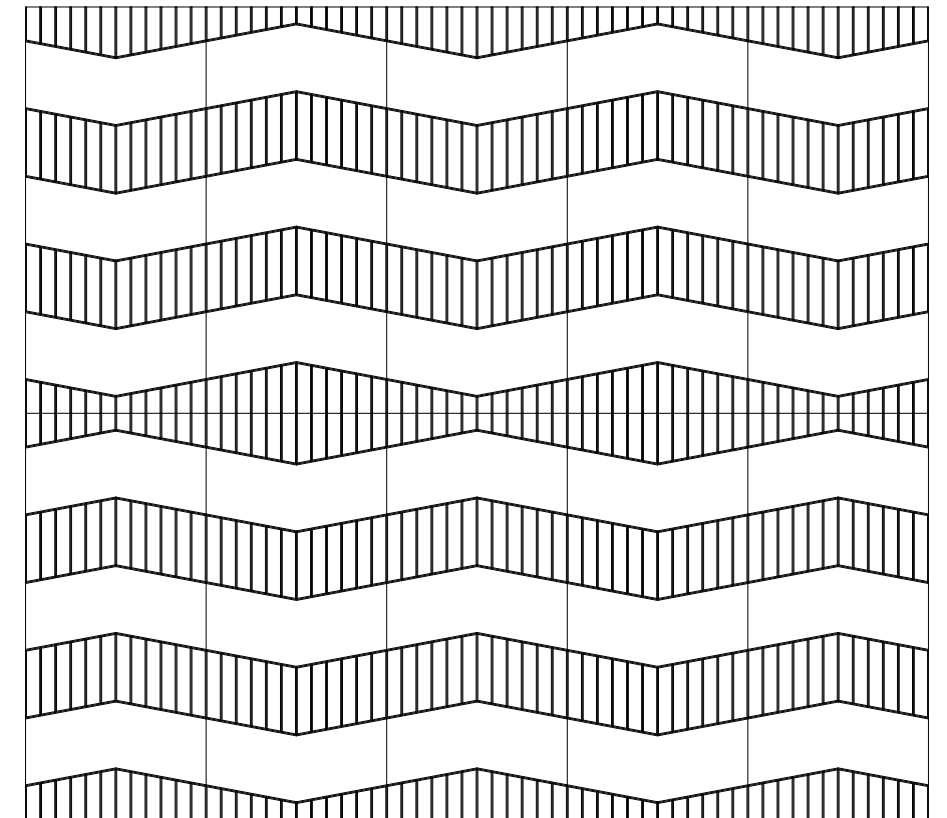
Layout 2



Layout 3



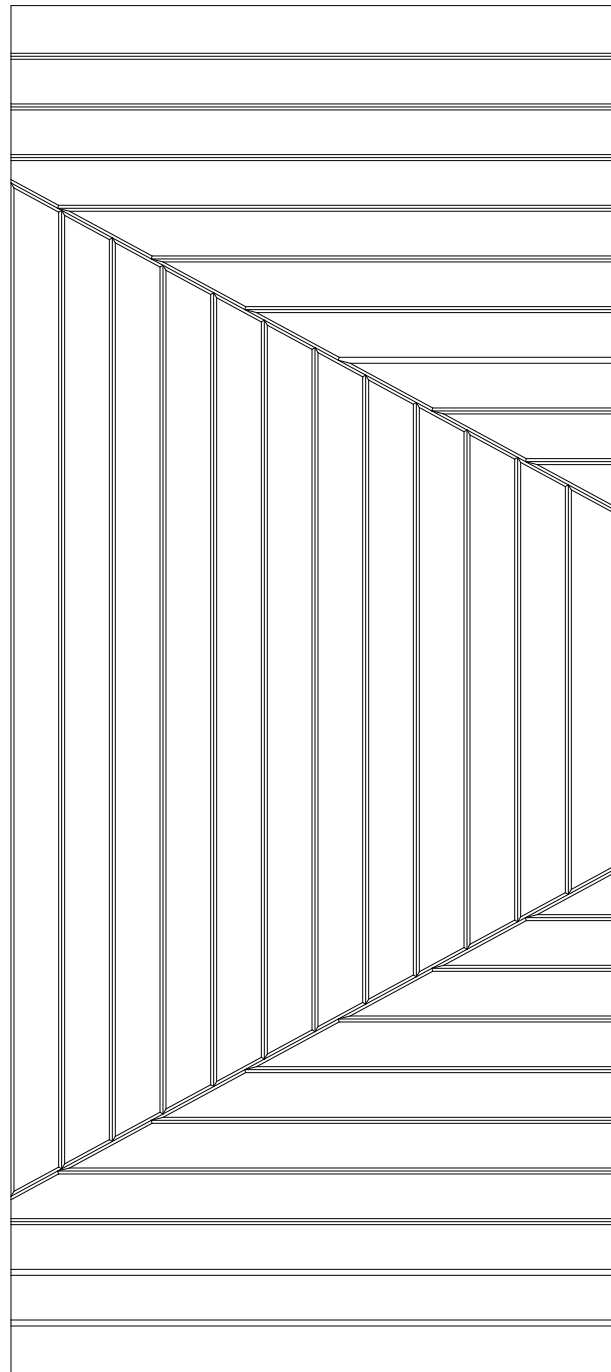
Layout 4



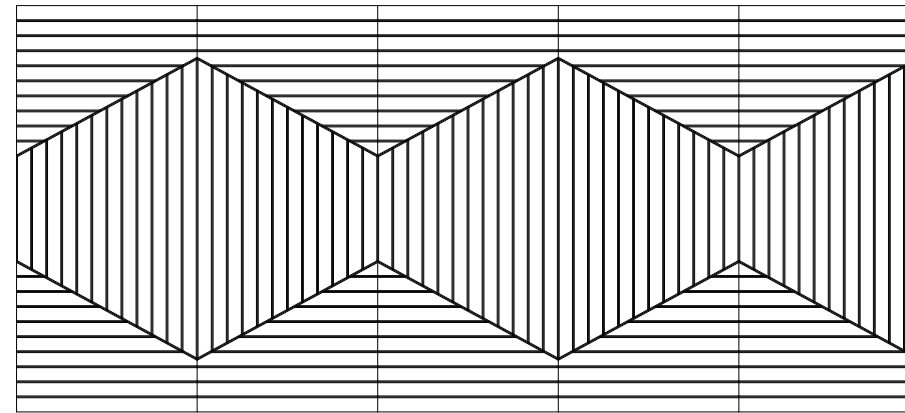
Pulse Pattern

Recommended Layout

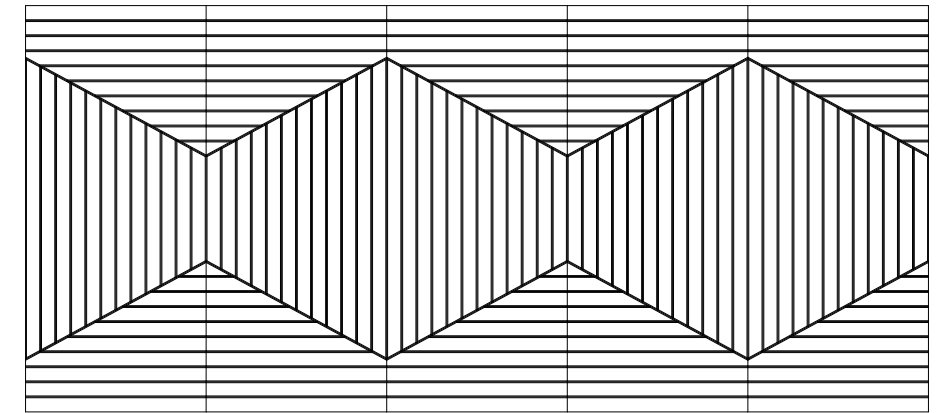
Pulse



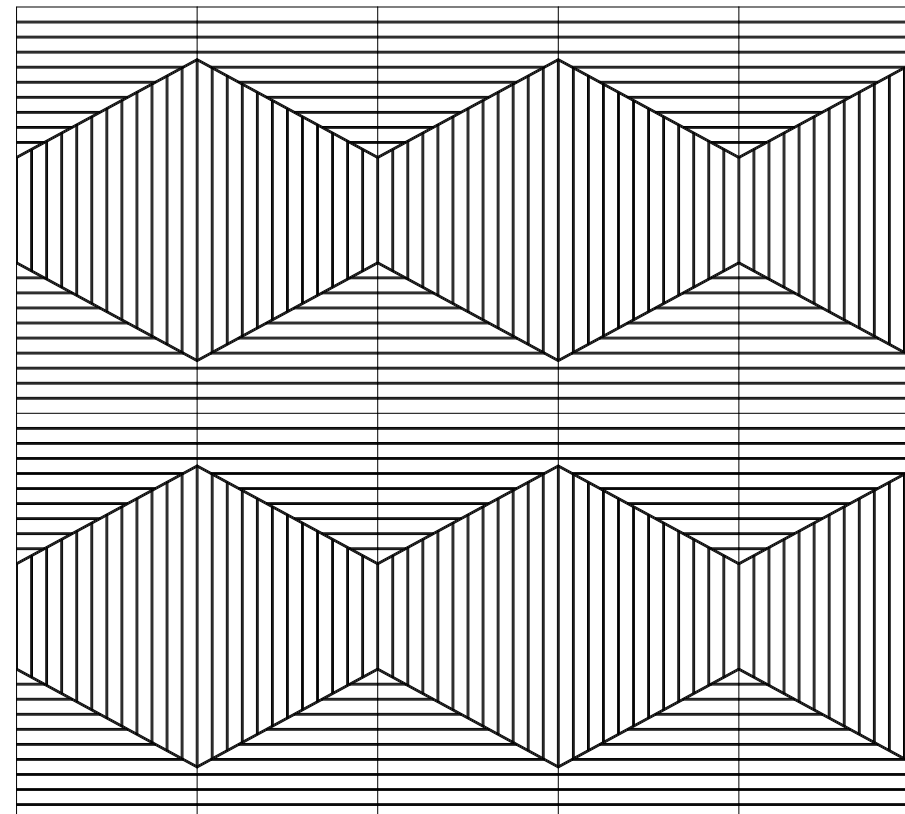
Layout 1



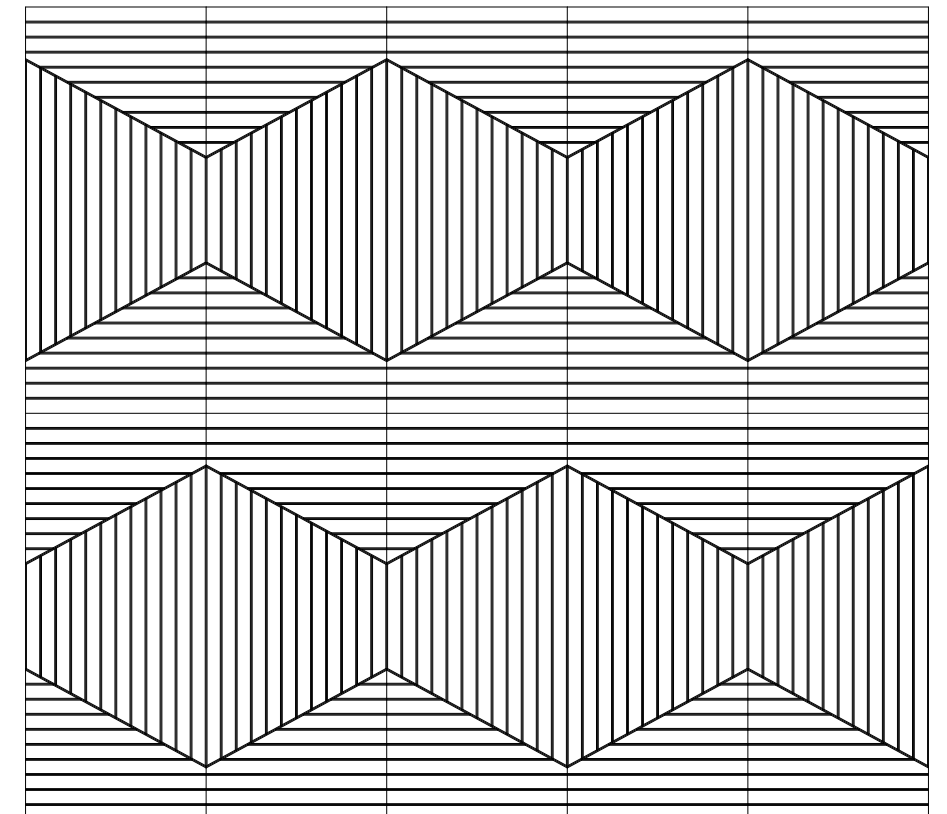
Layout 2



Layout 3



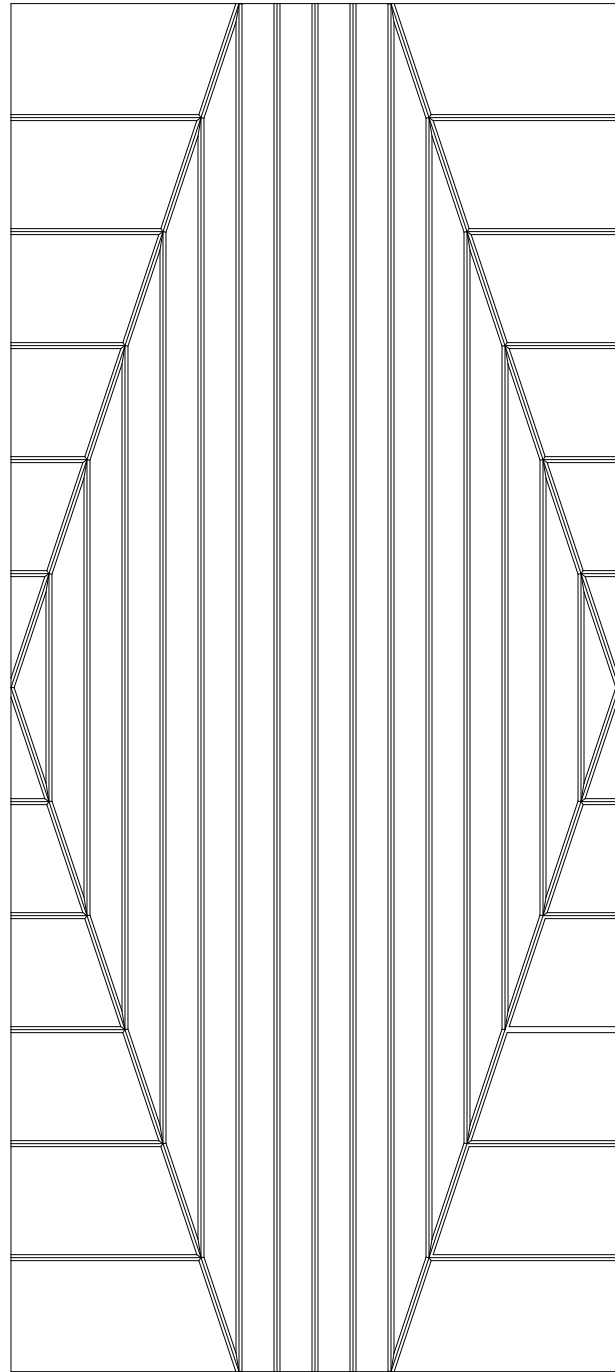
Layout 4



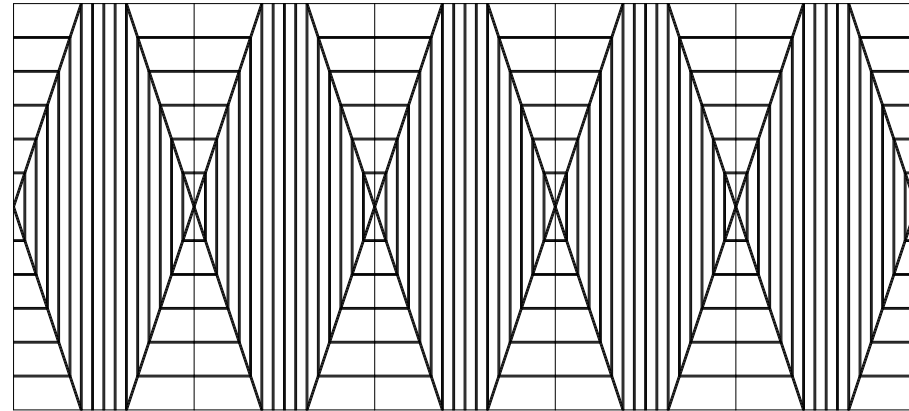
Harlequin Pattern

Recommended Layout

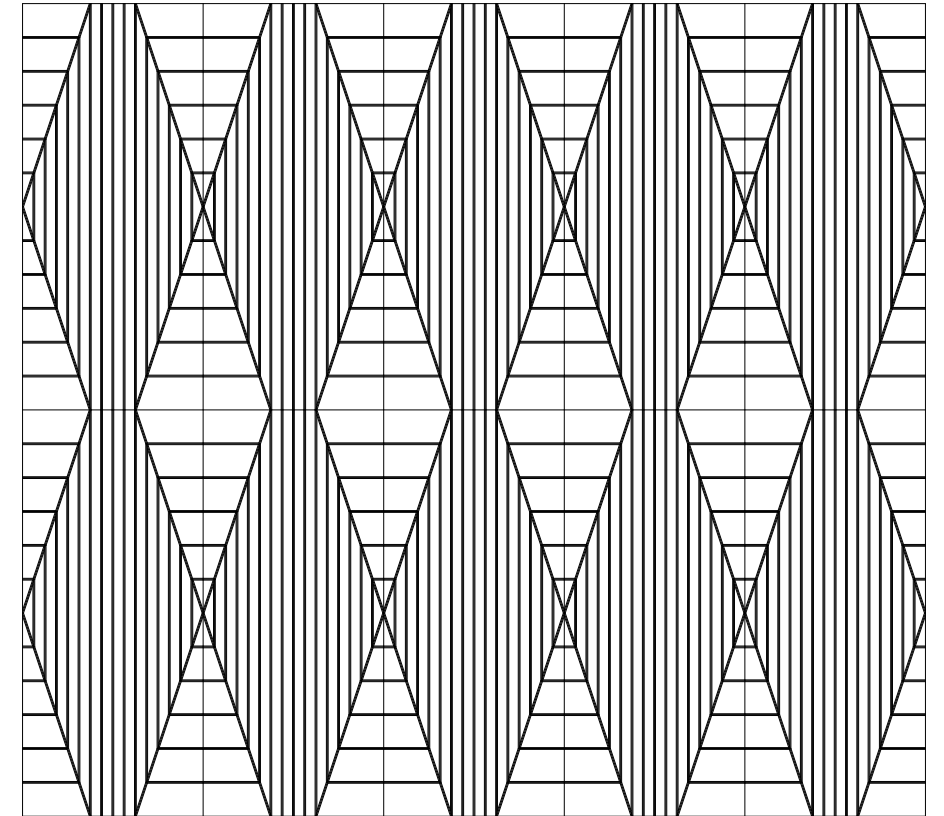
Harlequin



Layout 1



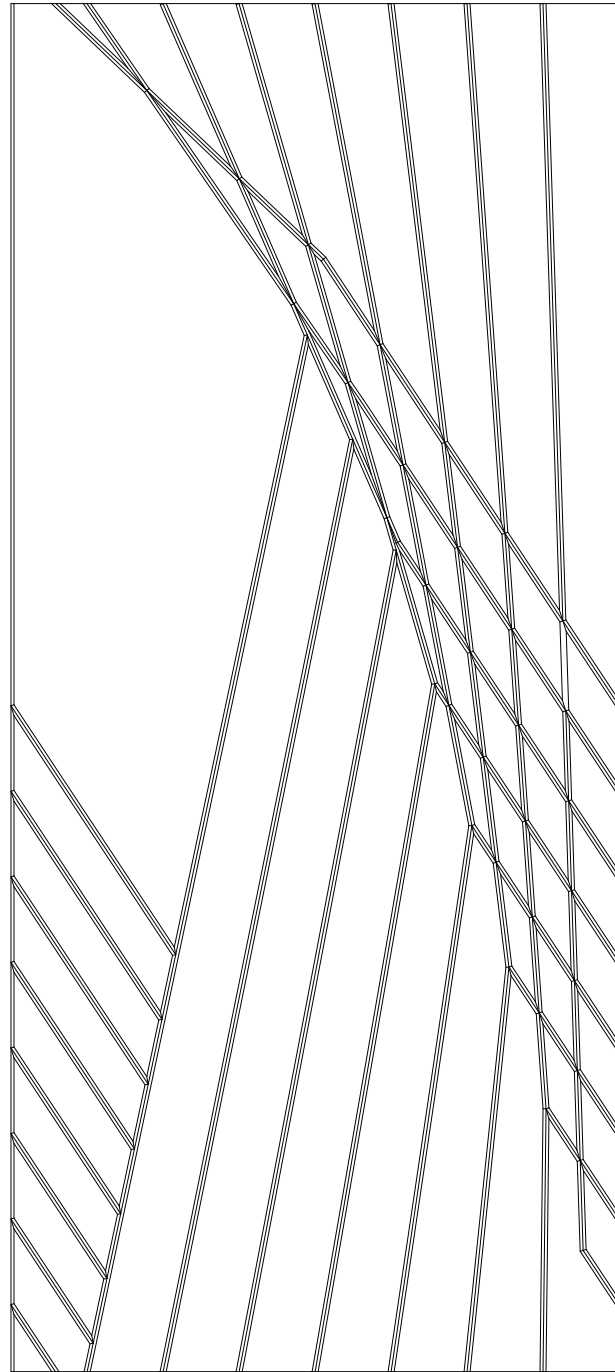
Layout 2



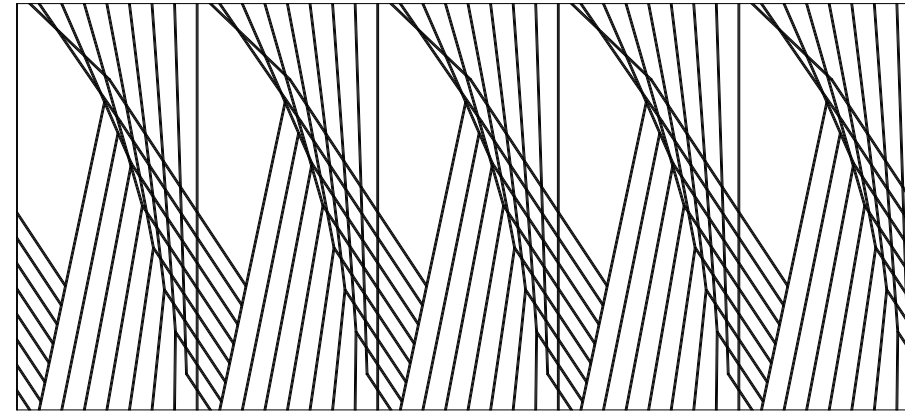
Spirograph Pattern

Recommended Layout

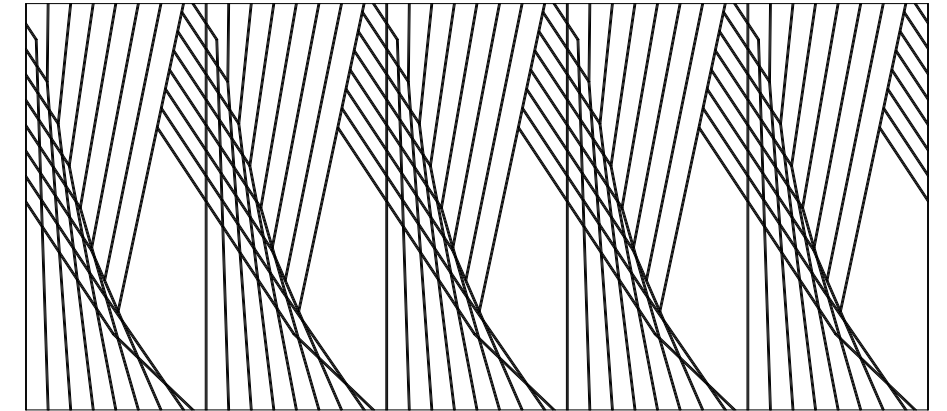
Spirograph



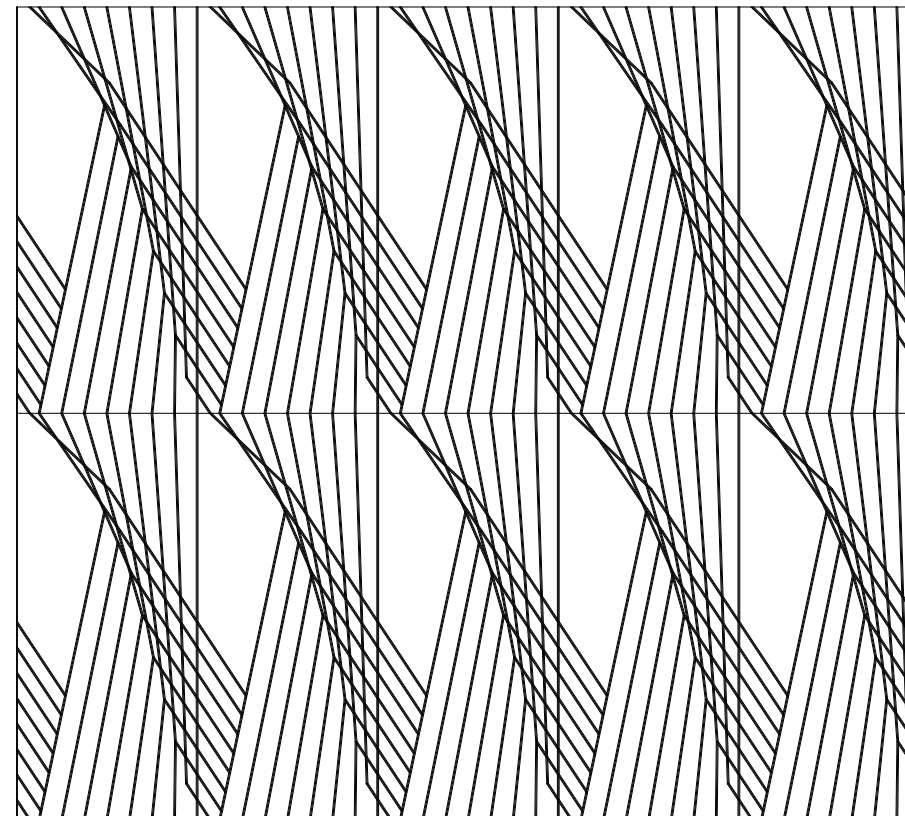
Layout 1



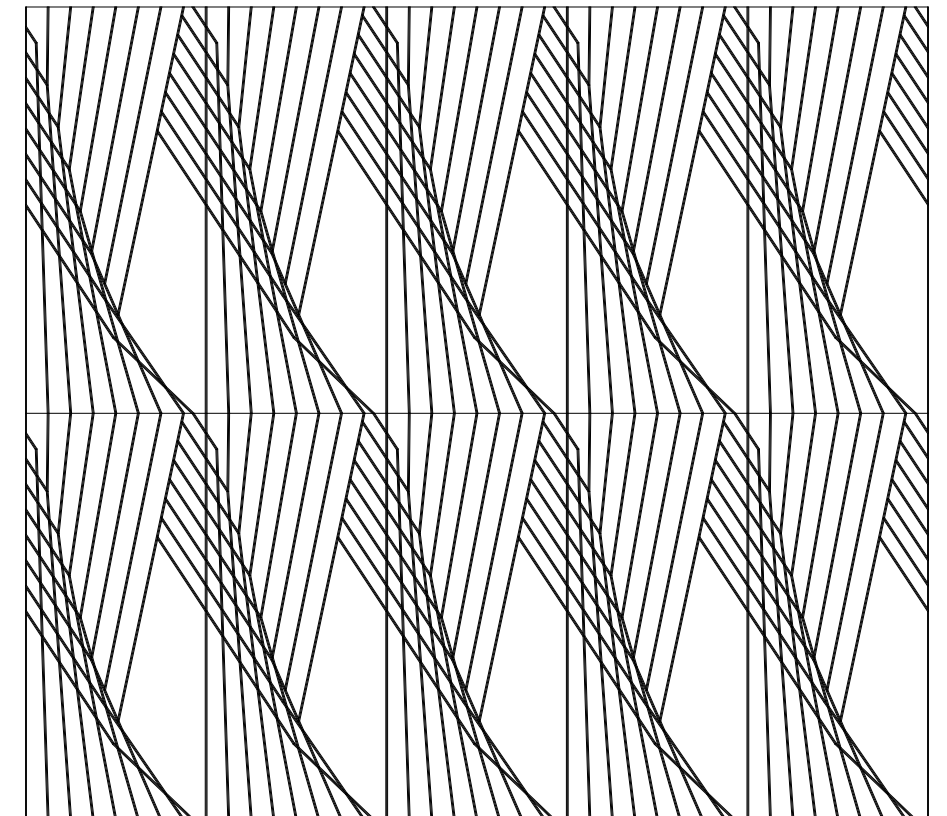
Layout 2



Layout 3



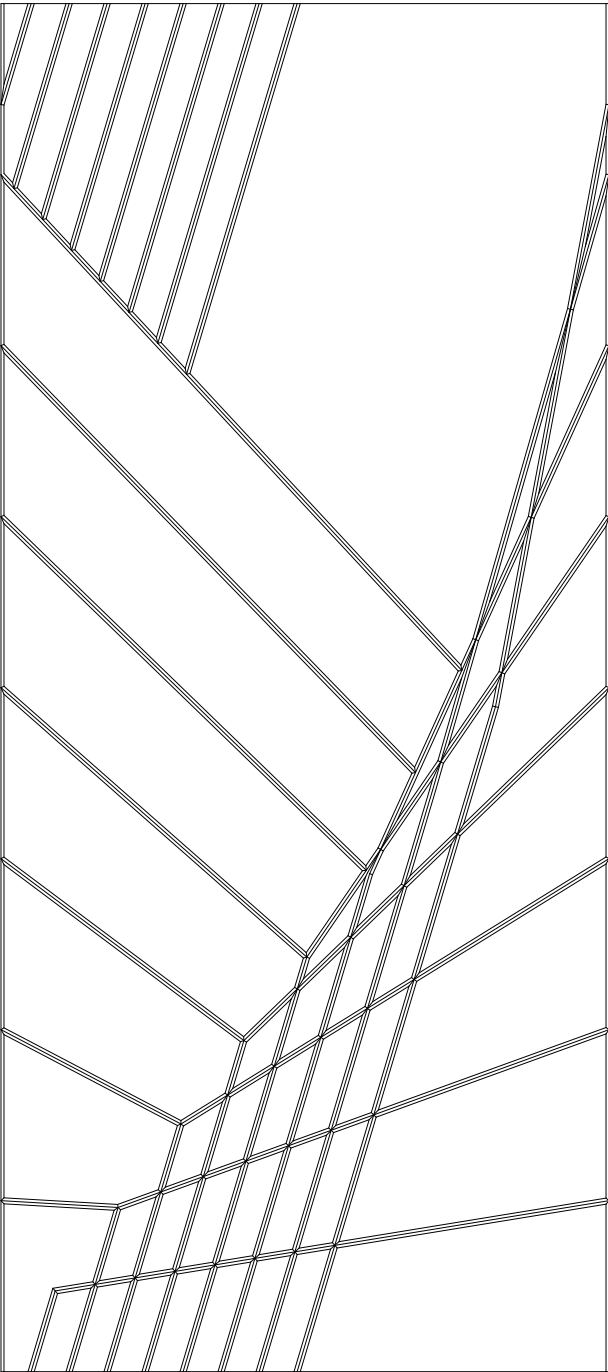
Layout 4



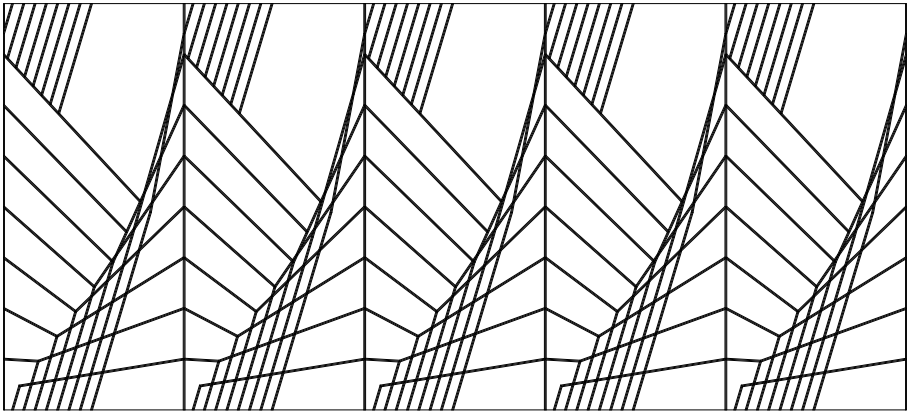
Prism Pattern

Recommended Layout

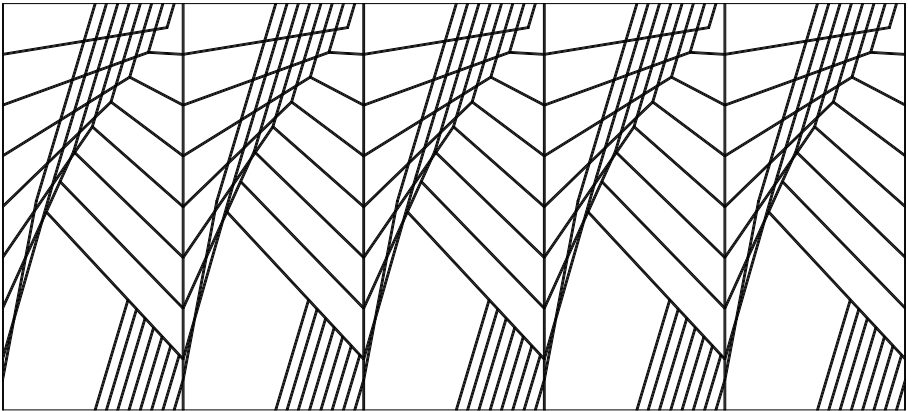
Prism



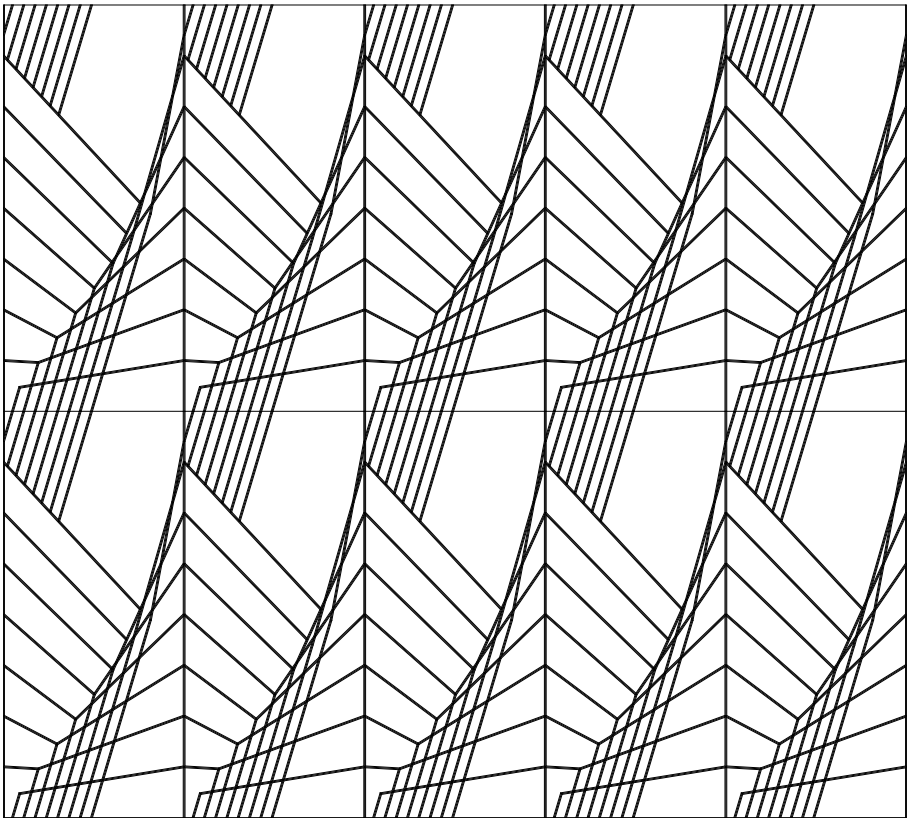
Layout 1



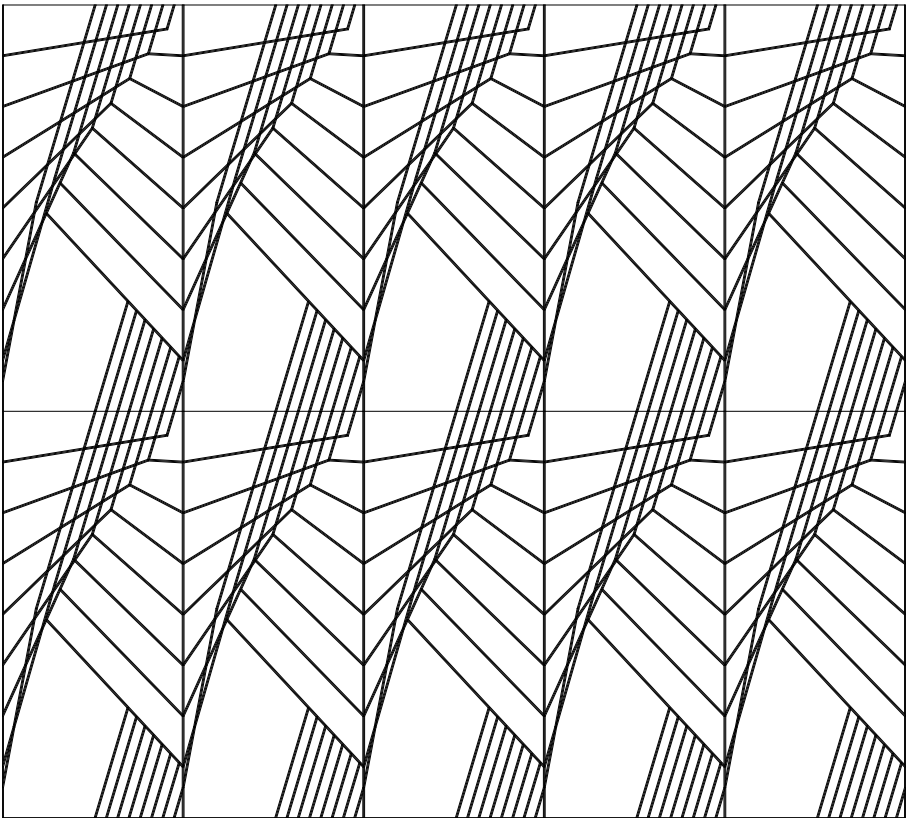
Layout 2



Layout 3



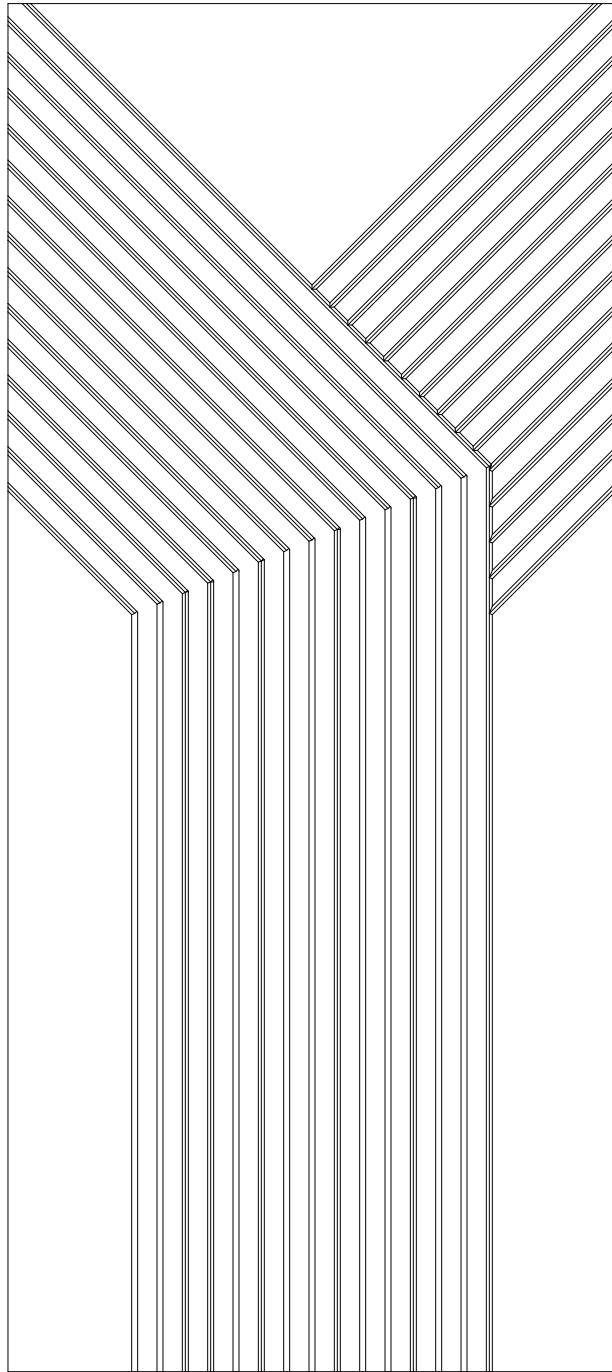
Layout 4



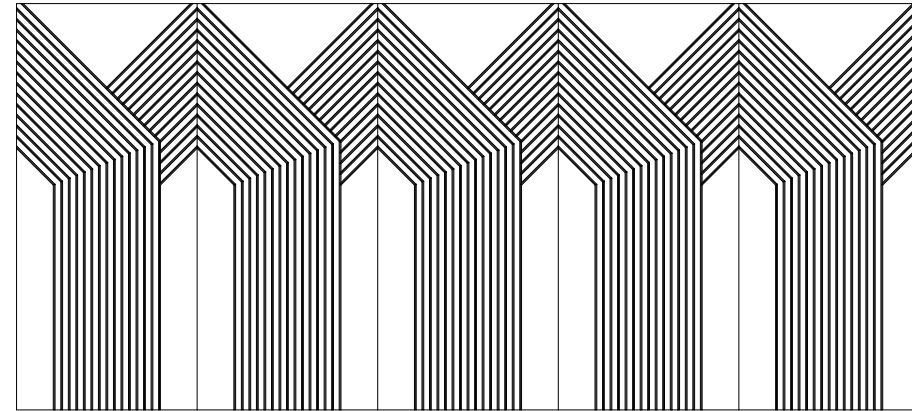
Rowhouse Pattern

Recommended Layout

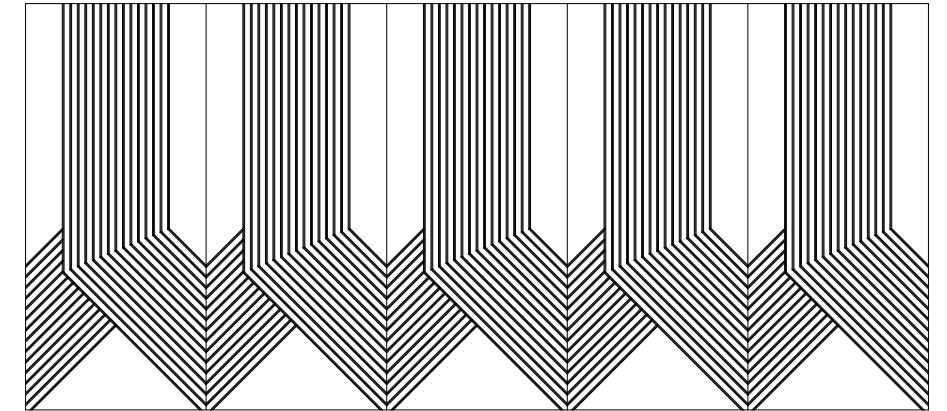
Rowhouse



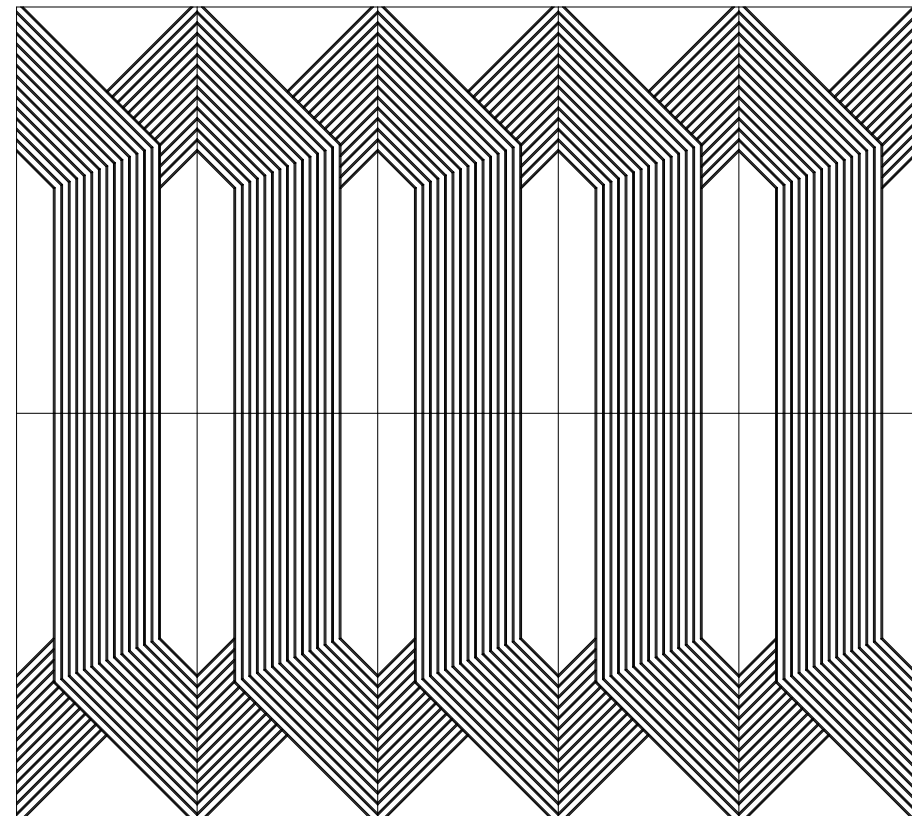
Layout 1



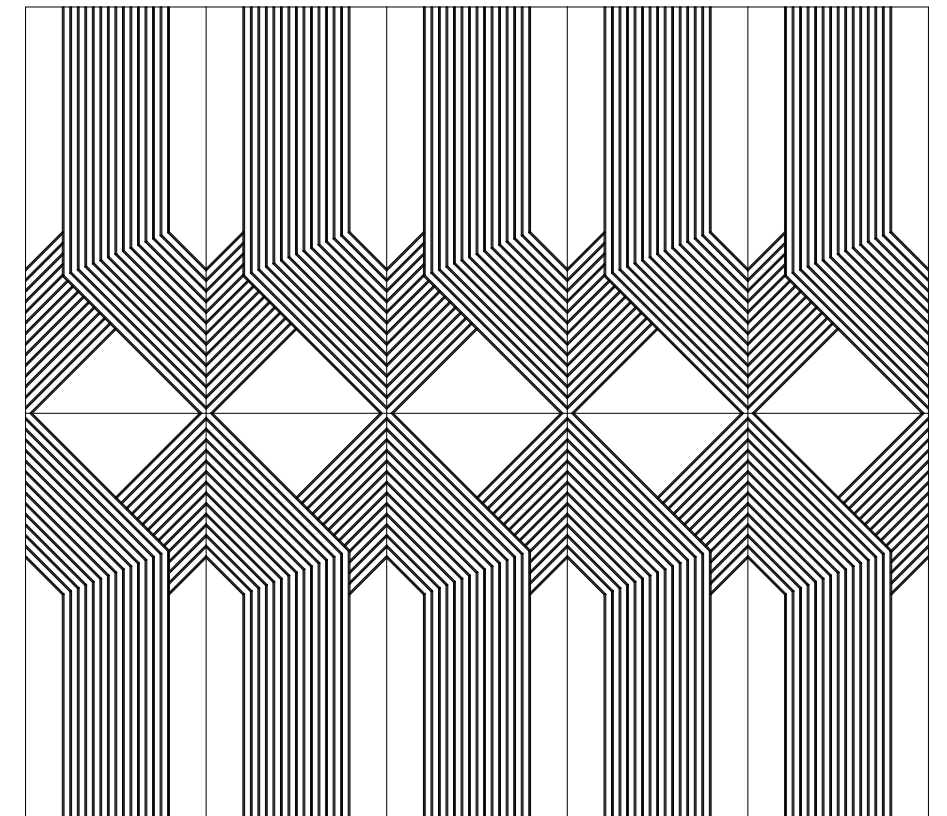
Layout 2



Layout 3



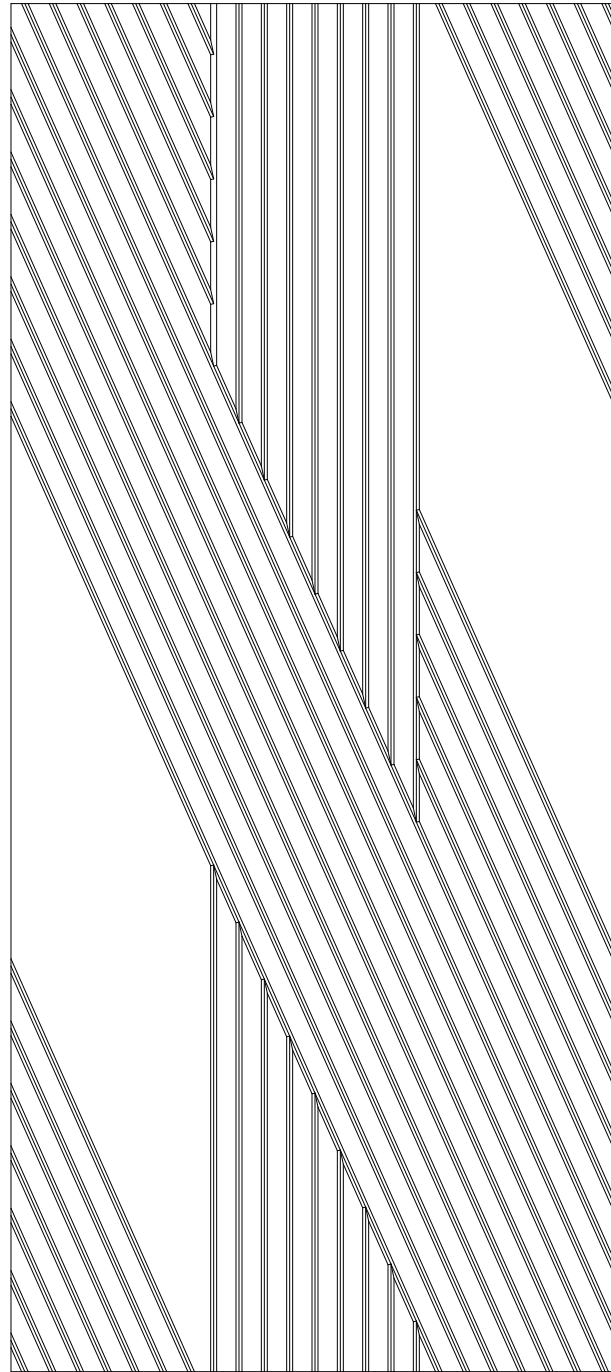
Layout 4



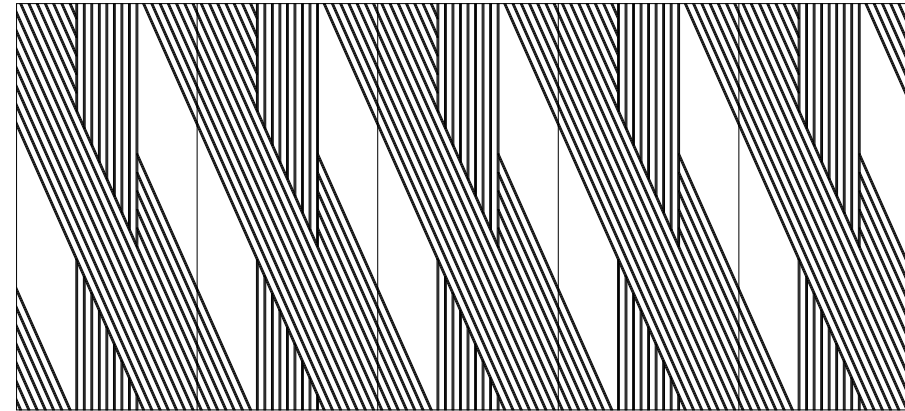
Intersect Pattern

Recommended Layout

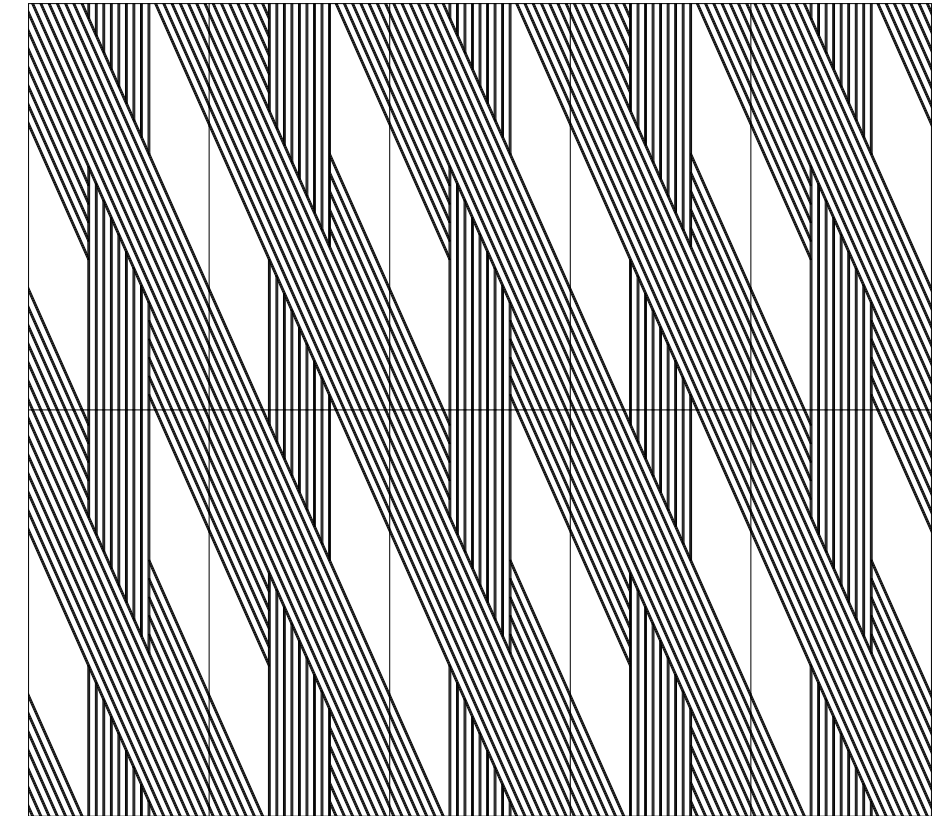
Intersect



Layout 1



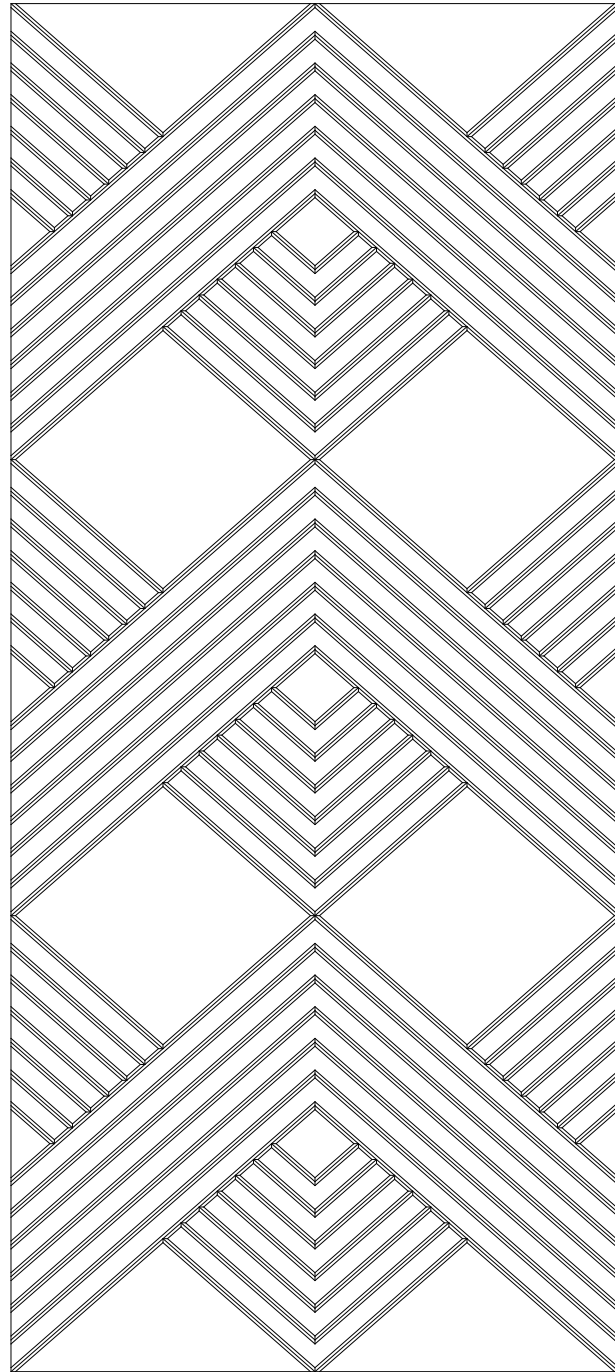
Layout 2



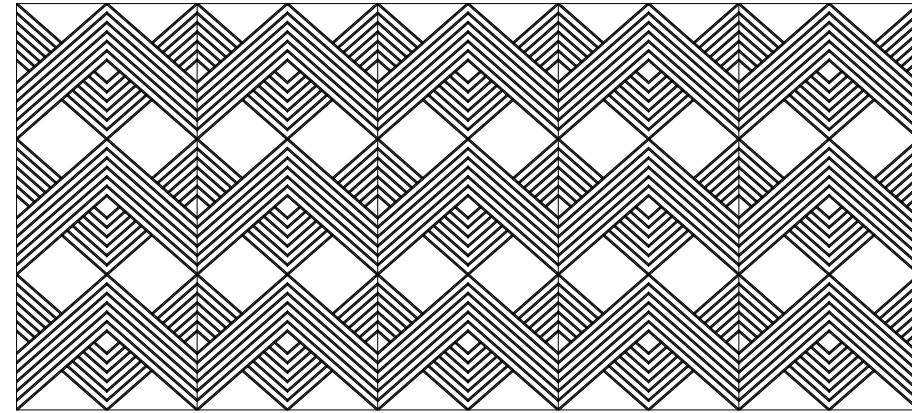
Knit Pattern

Recommended Layout

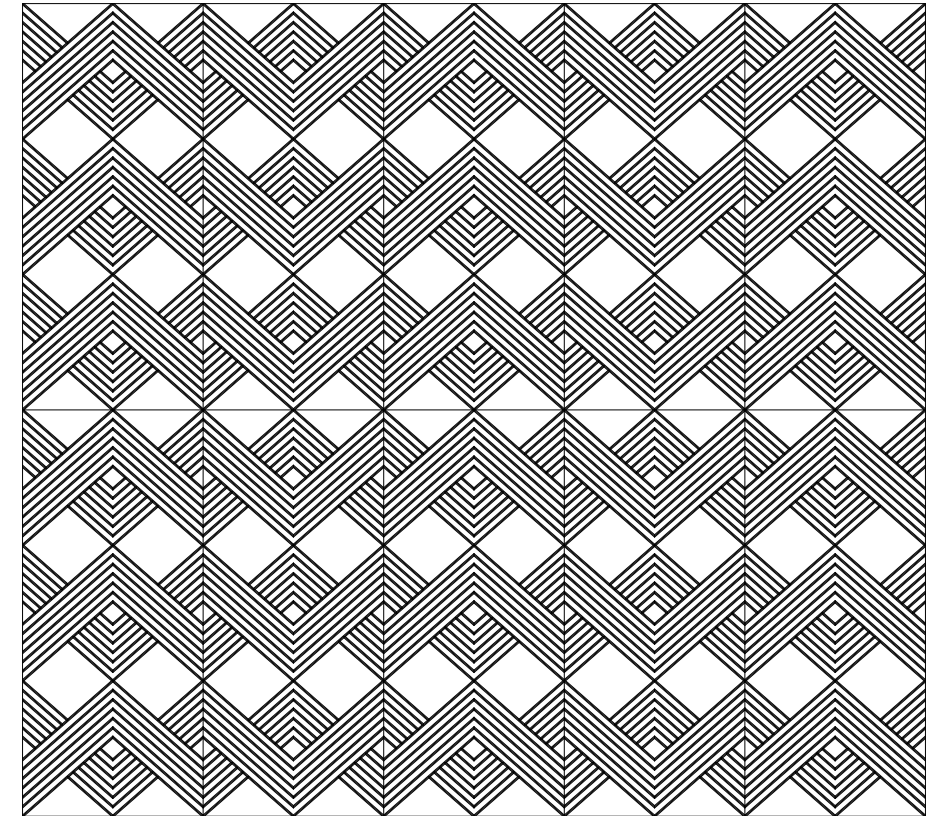
Knit



Layout 1



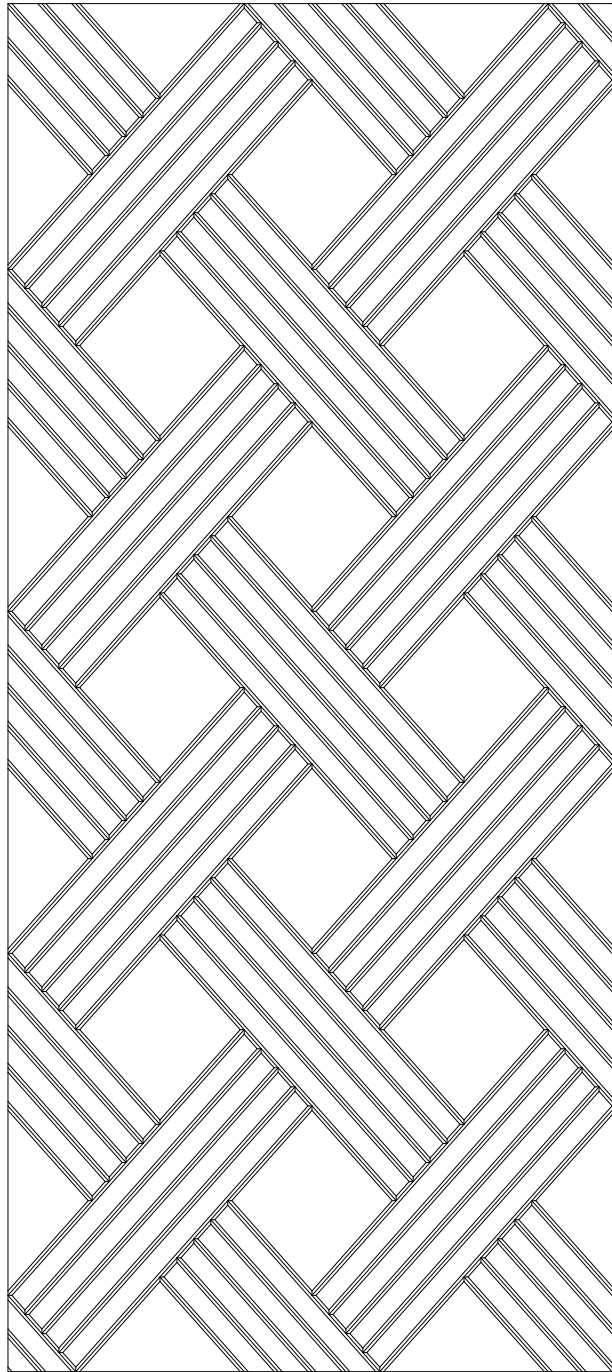
Layout 2



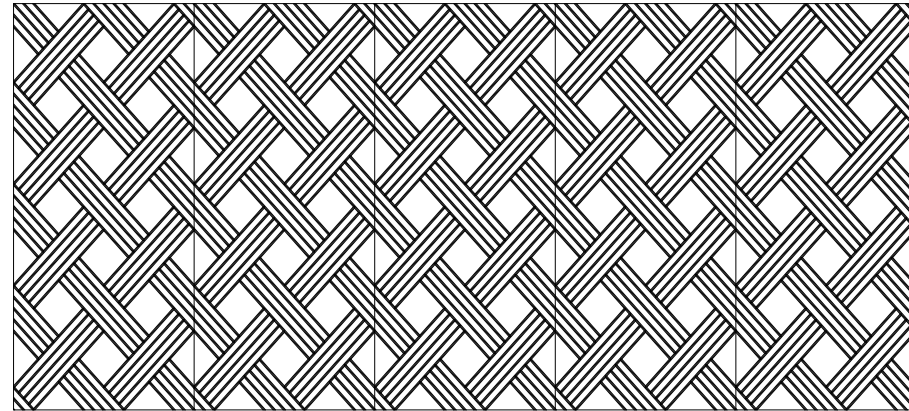
Lattice Pattern

Recommended Layout

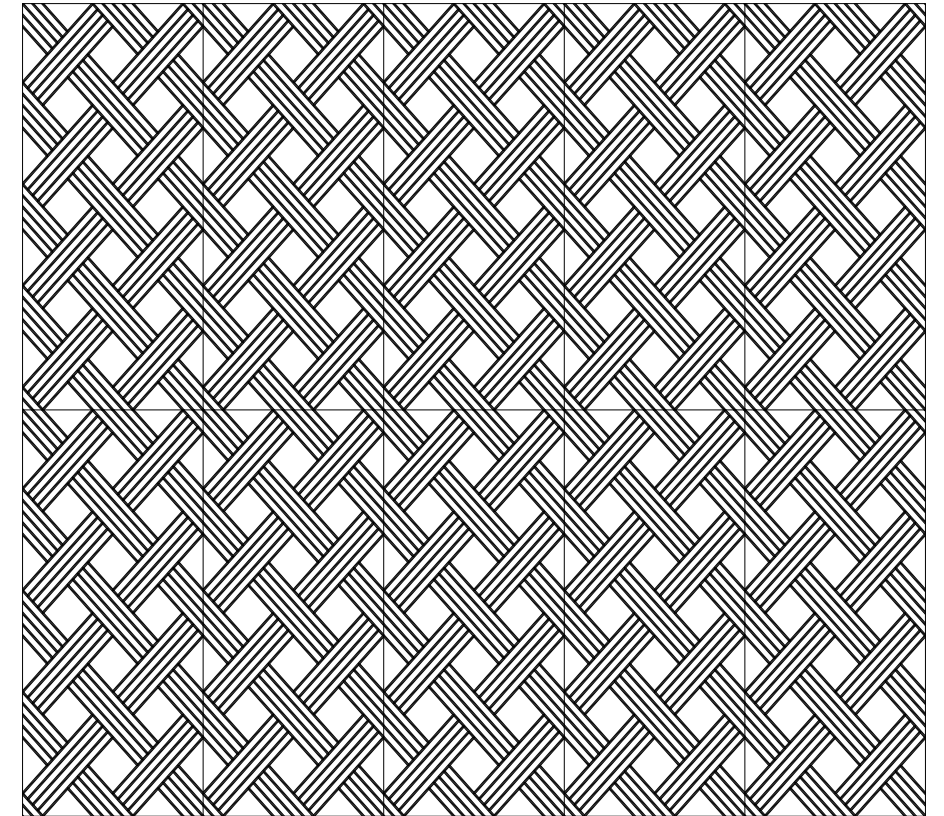
Lattice



Layout 1



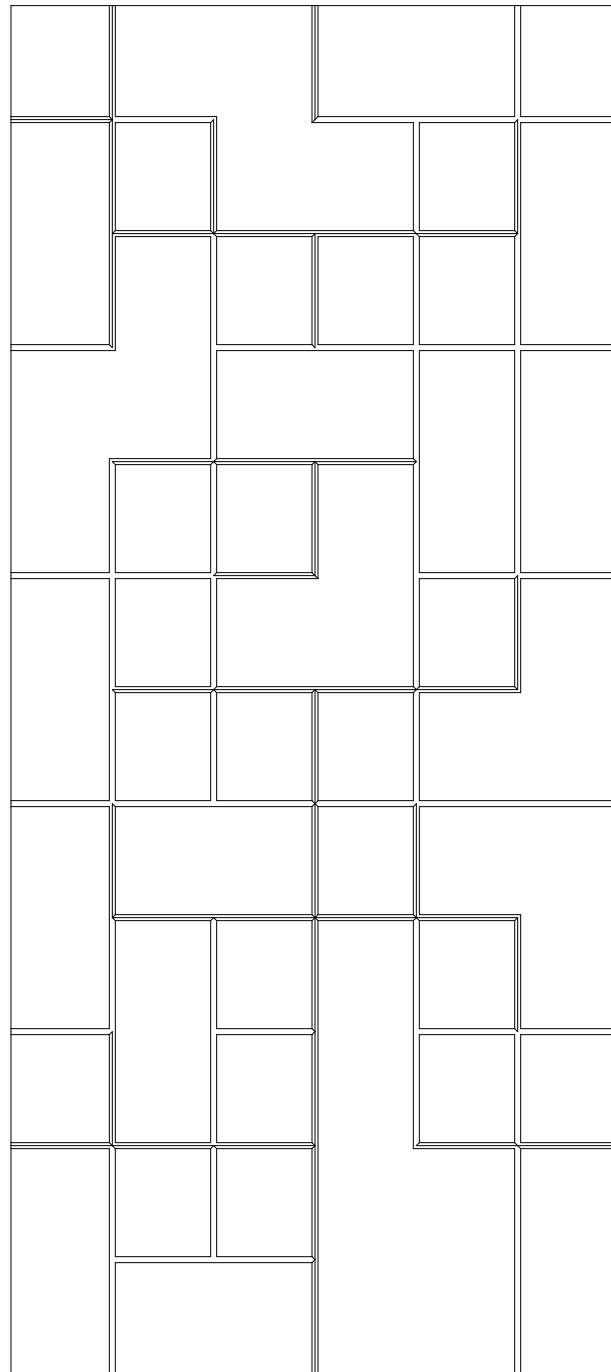
Layout 2



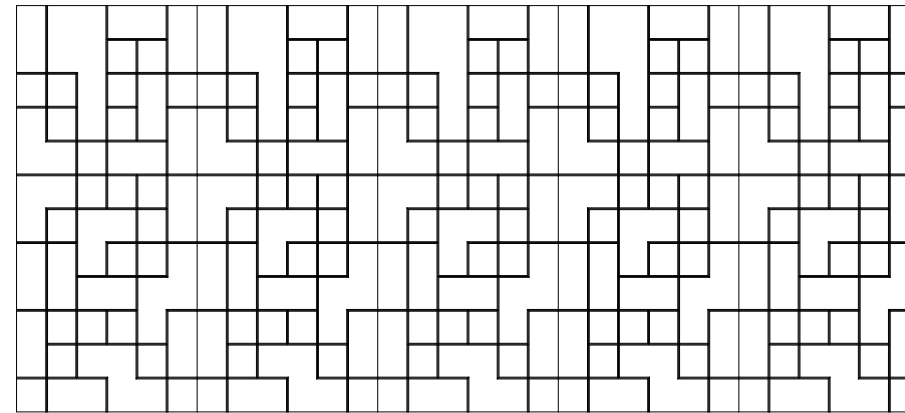
Maze Pattern

Recommended Layout

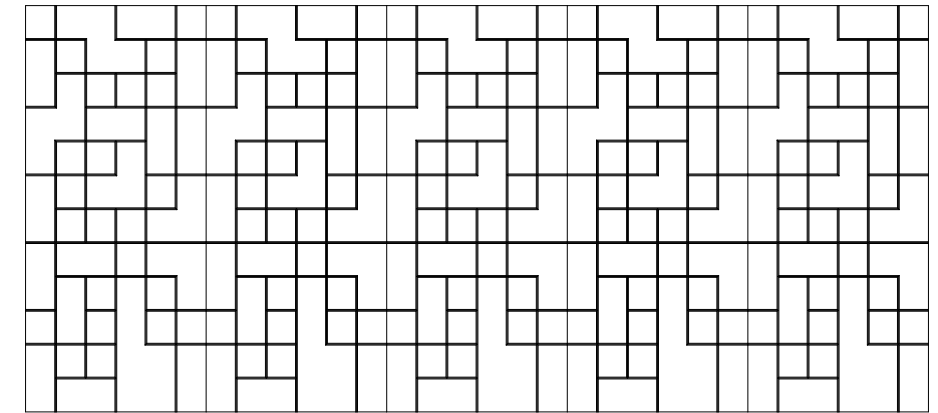
Maze



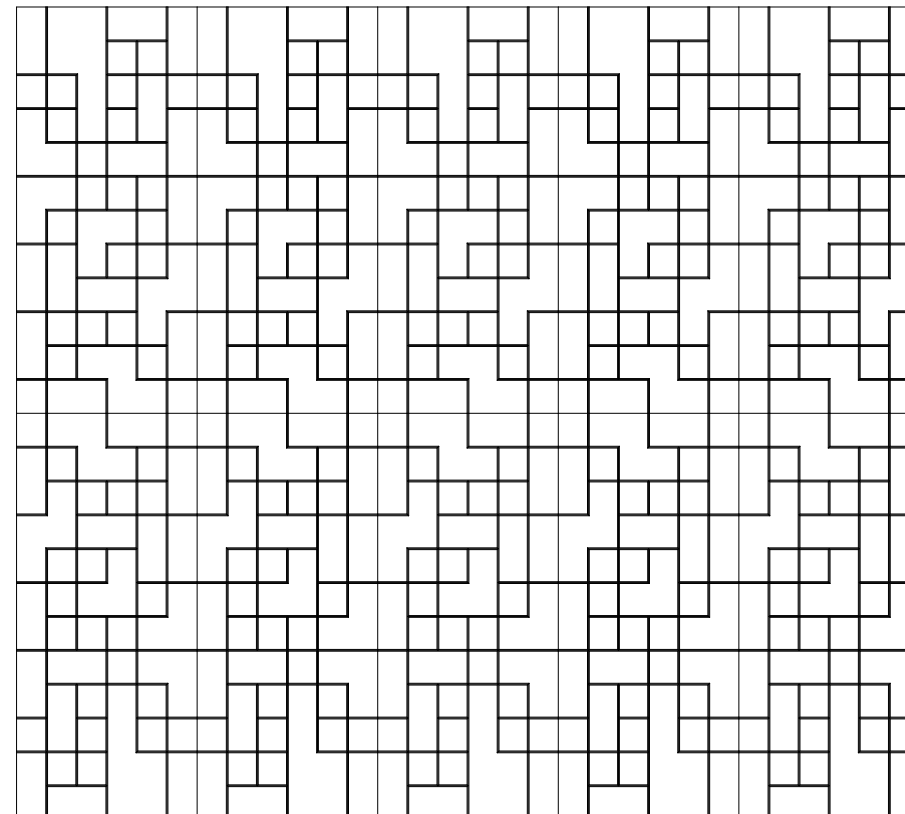
Layout 1



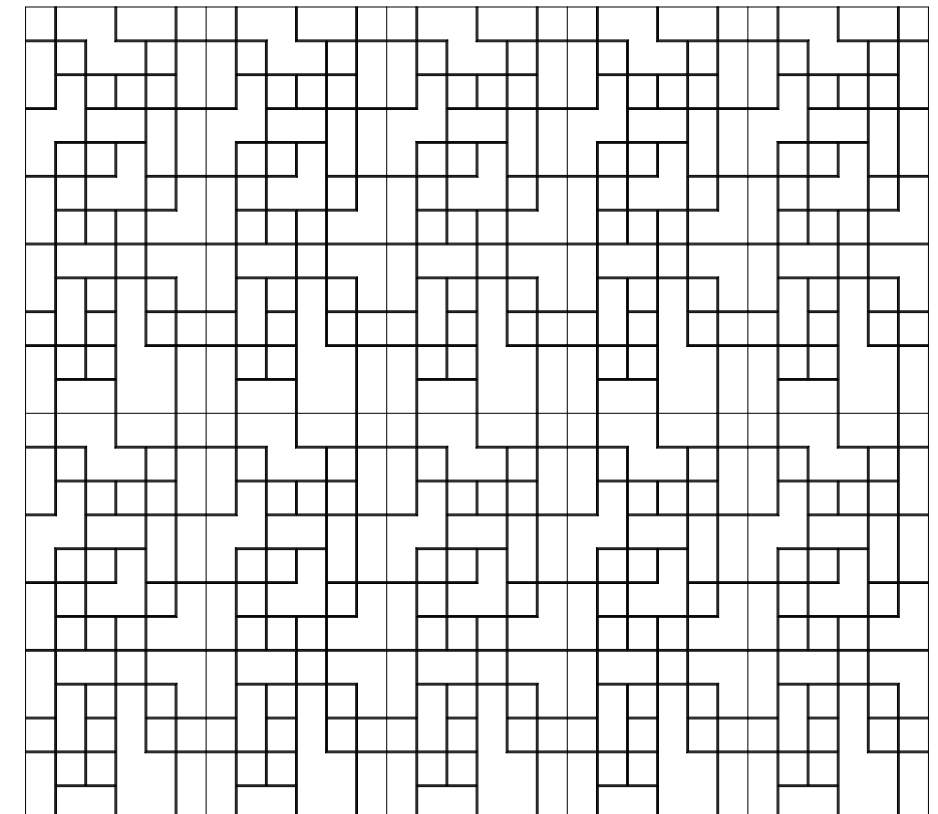
Layout 2



Layout 3



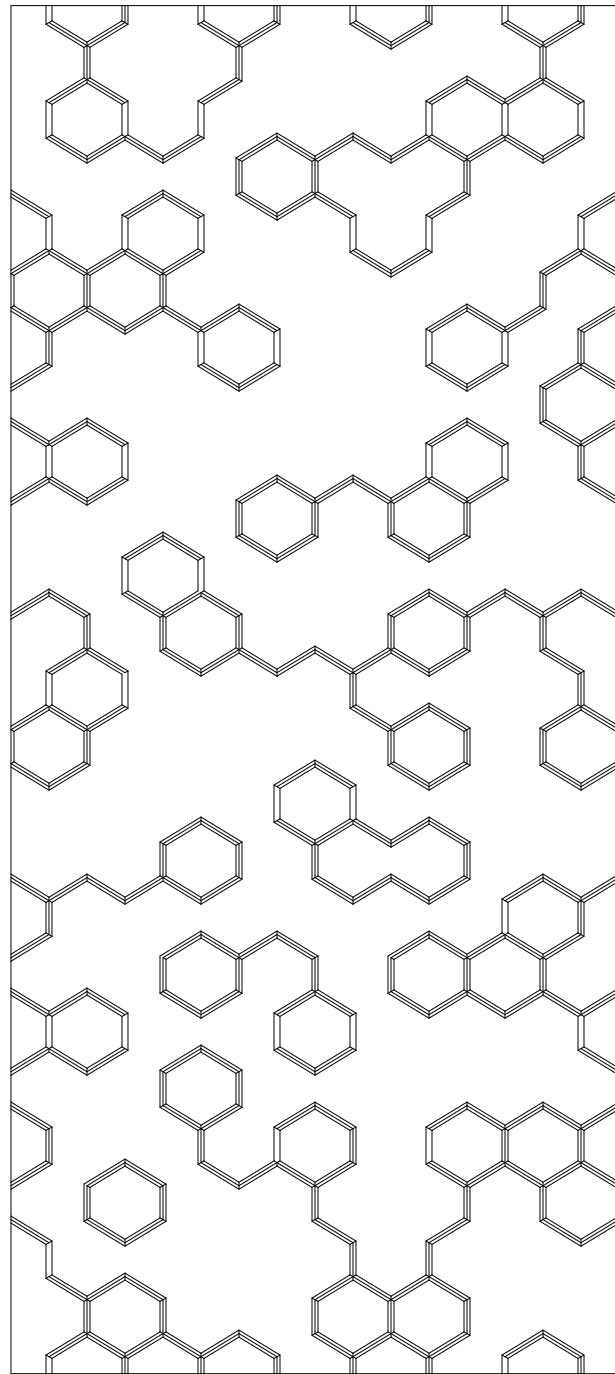
Layout 4



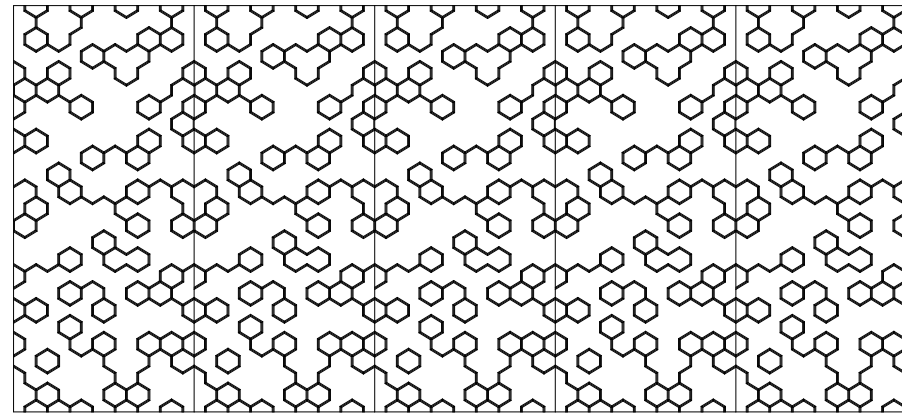
Formula Pattern

Recommended Layout

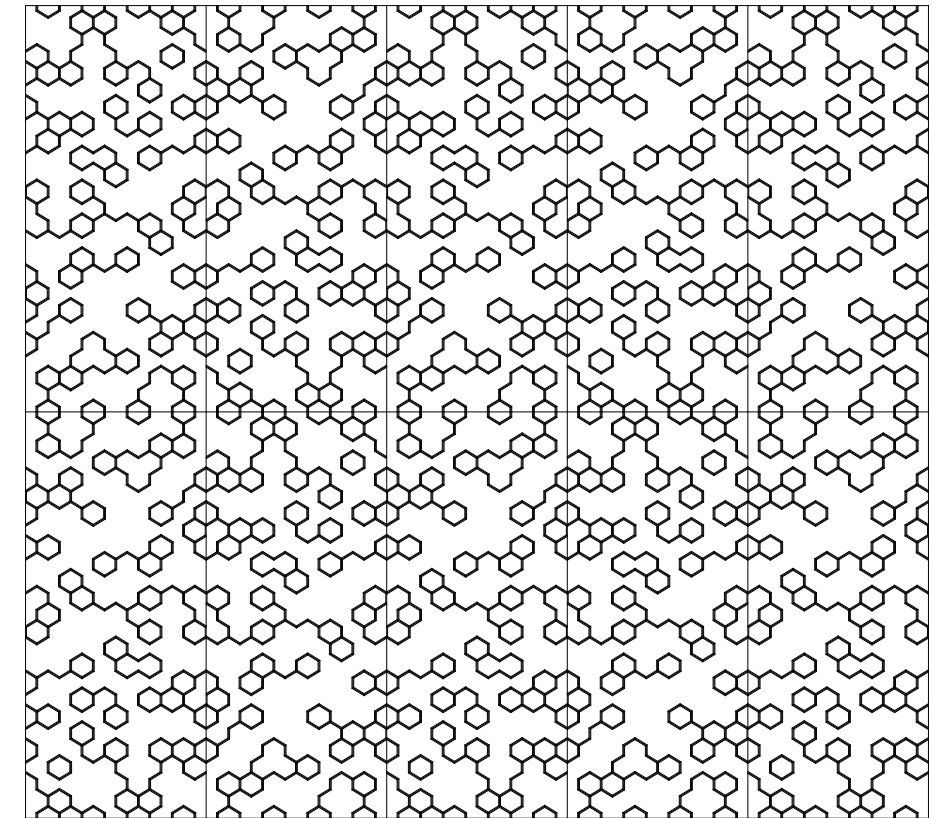
Formula



Layout 1



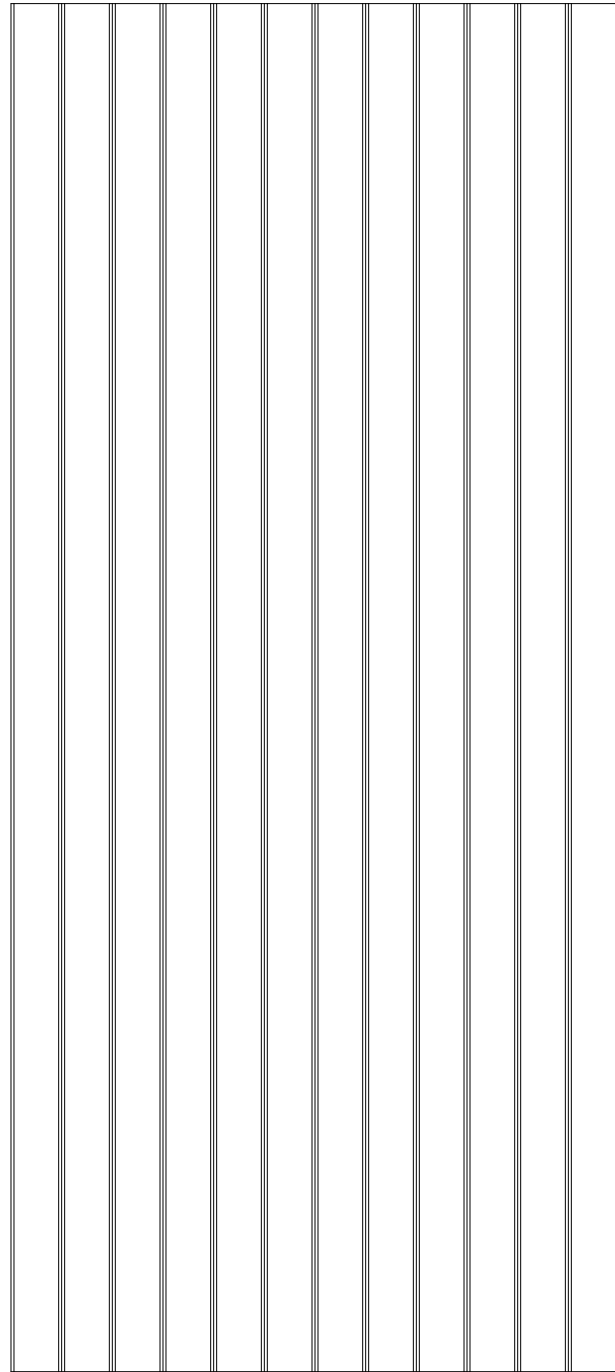
Layout 2



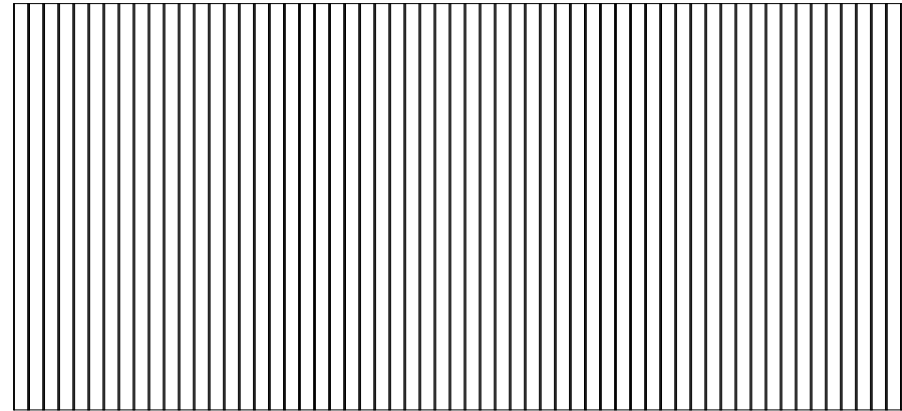
Fineline Pattern

Recommended Layout

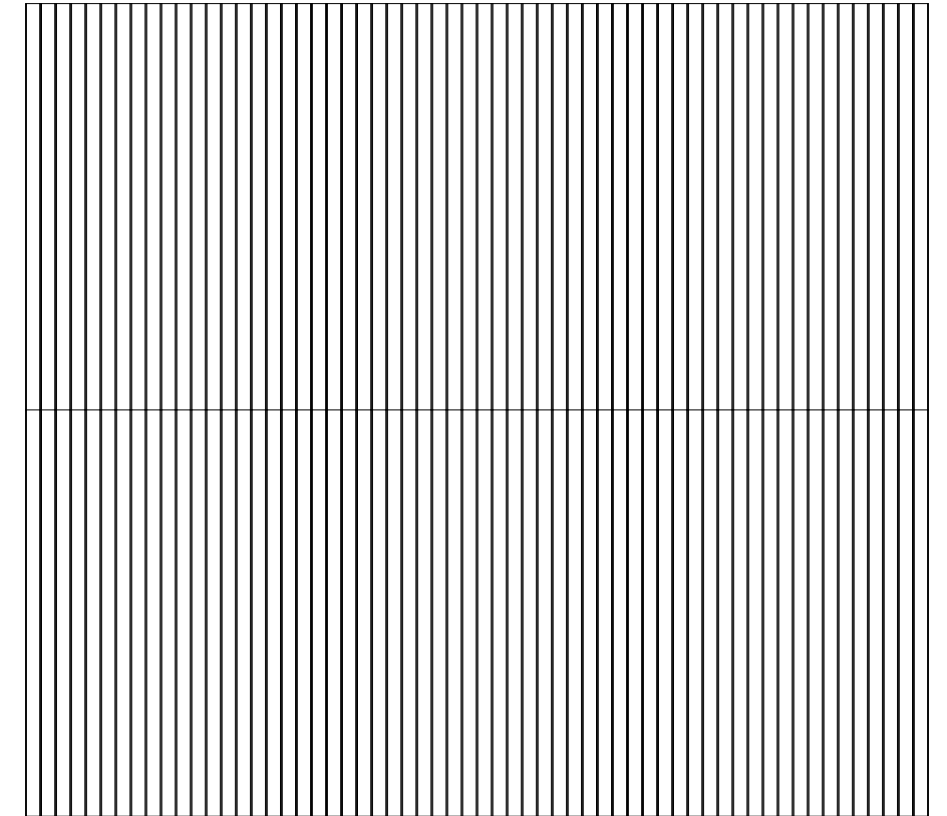
Fineline



Layout 1



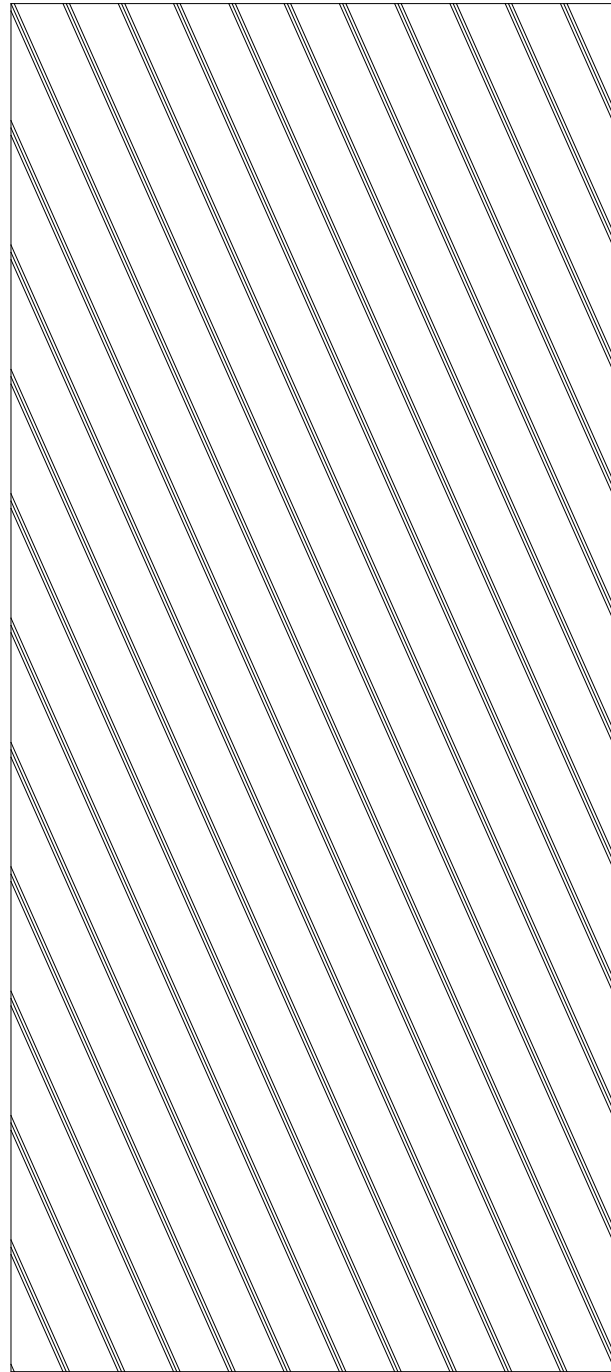
Layout 2



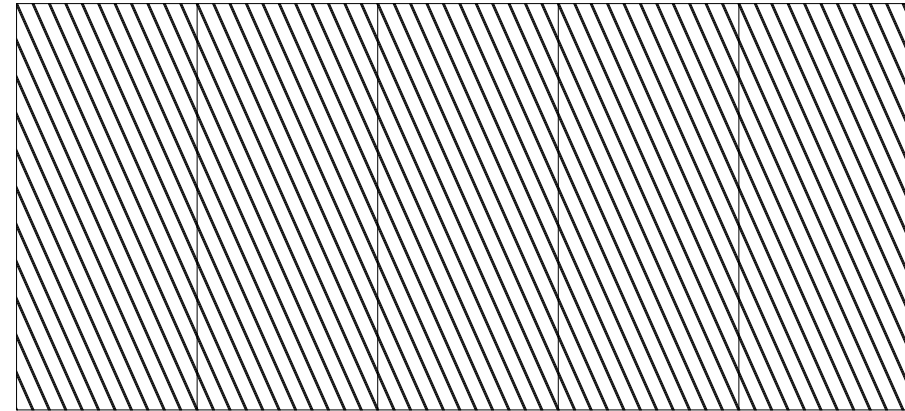
Diagonal Pattern

Recommended Layout

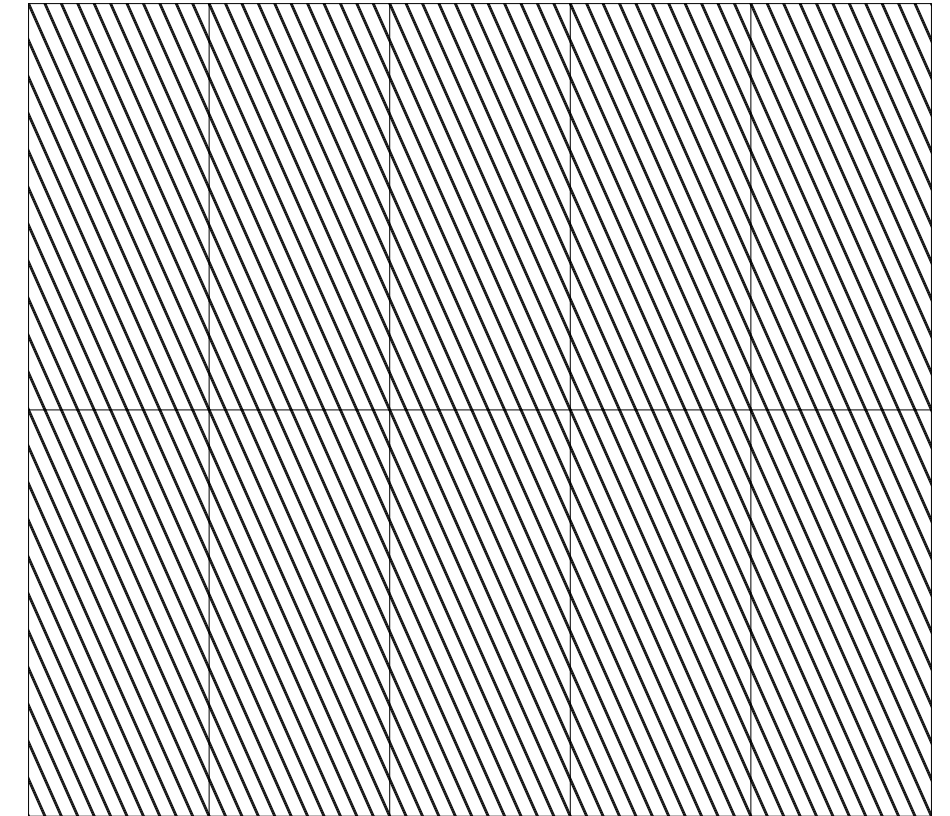
Diagonal



Layout 1



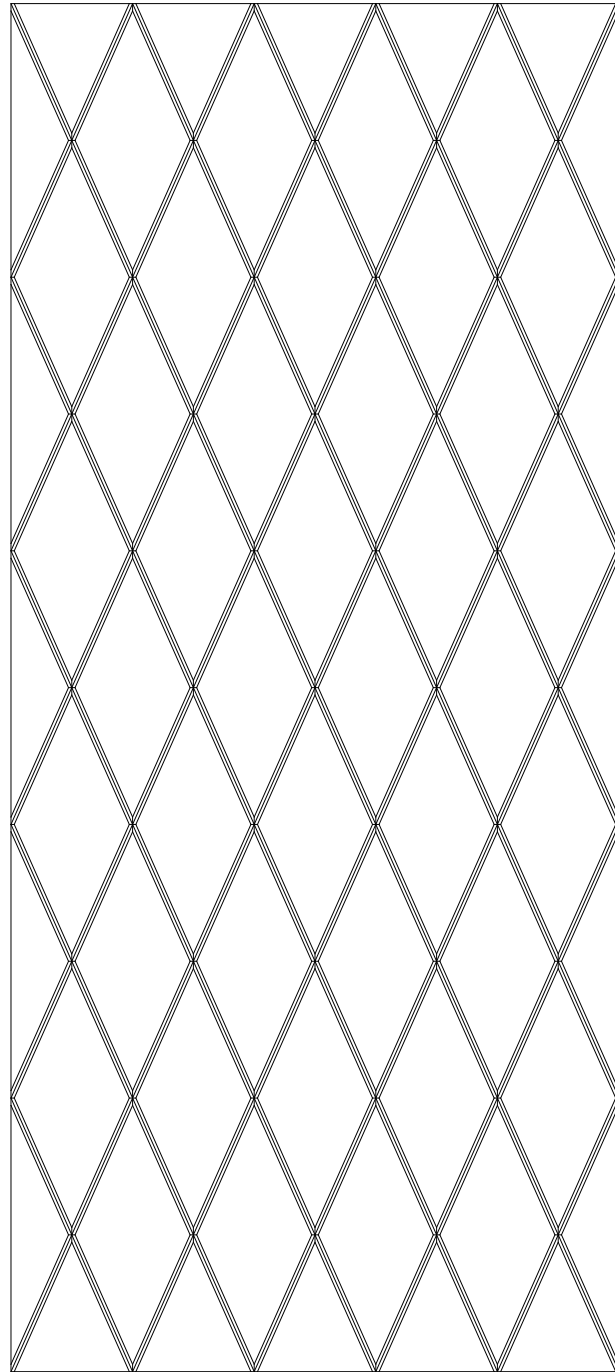
Layout 2



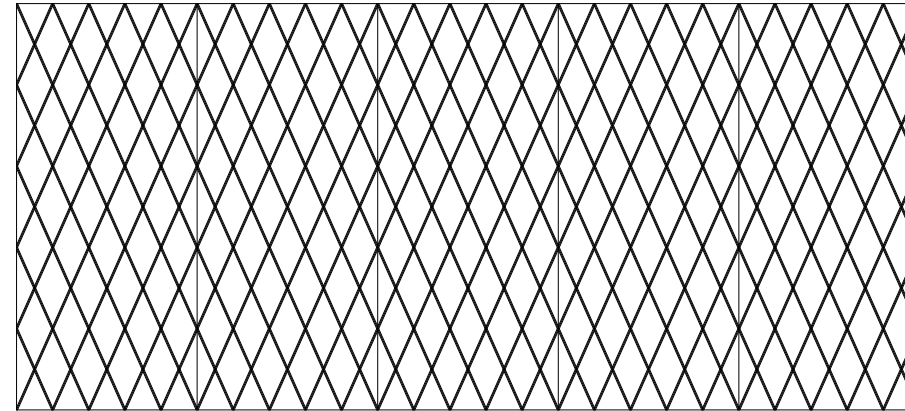
Trellis Pattern

Recommended Layout

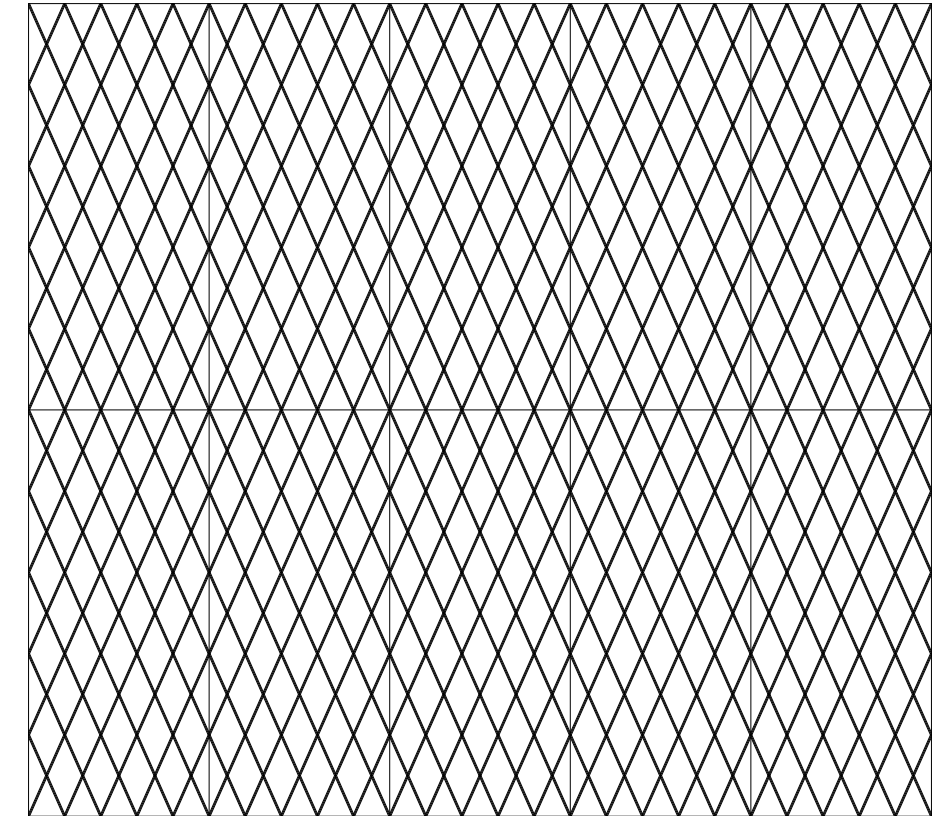
Trellis



Layout 1



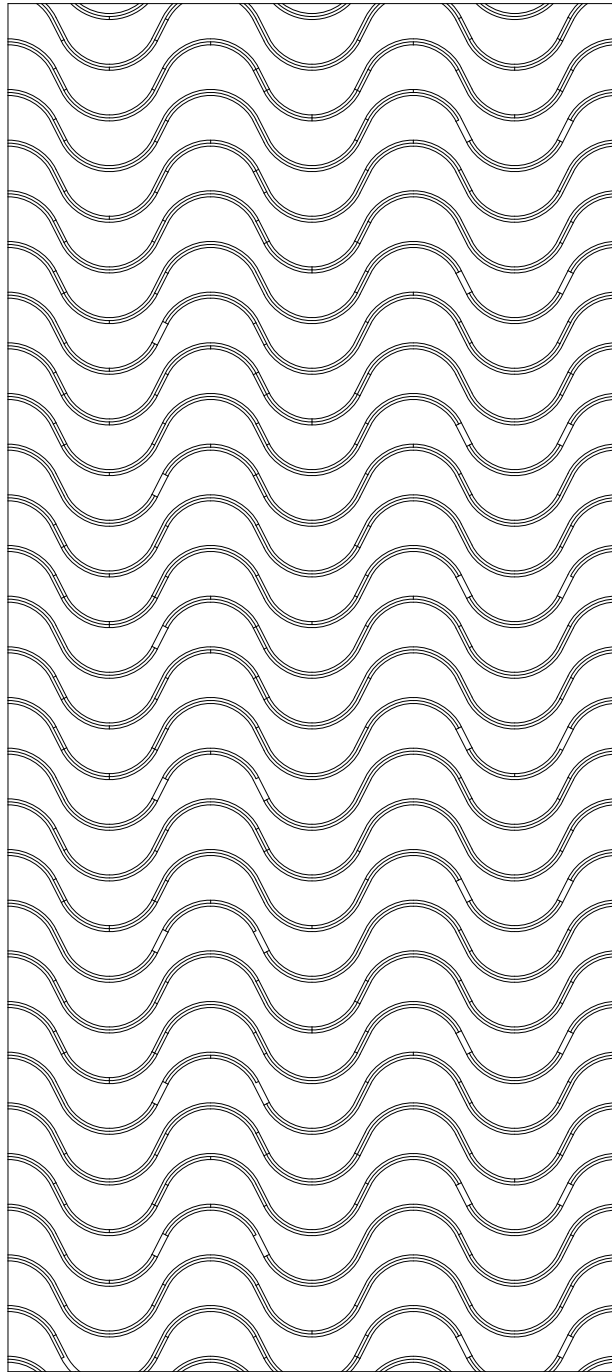
Layout 2



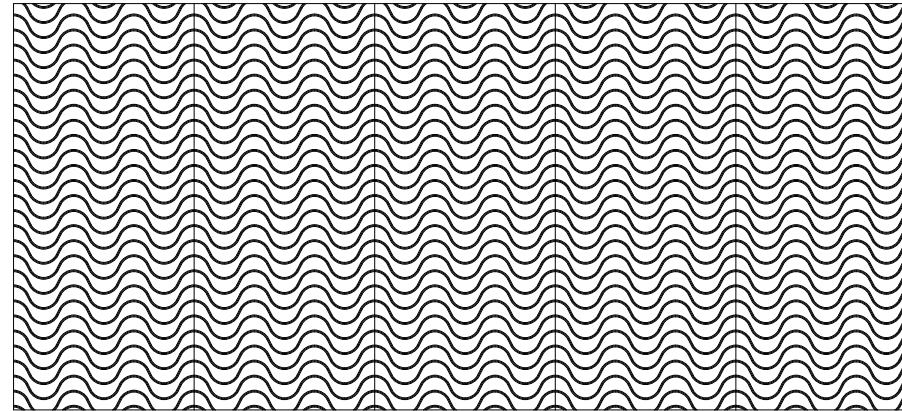
Wavelength Pattern

Recommended Layout

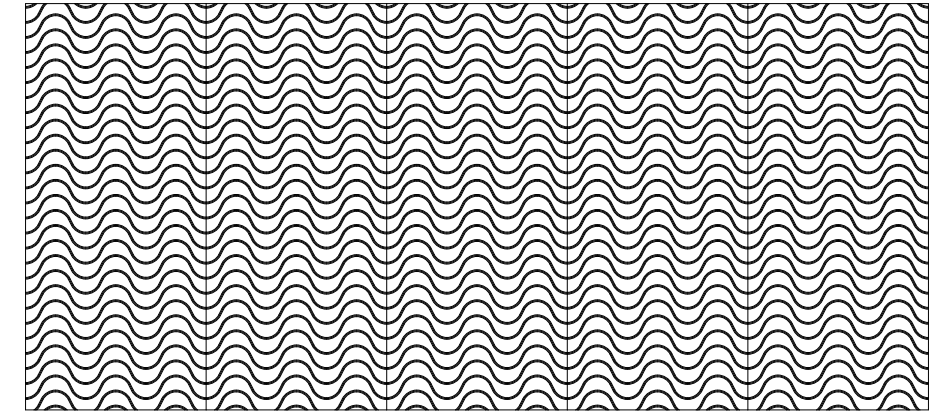
Wavelength



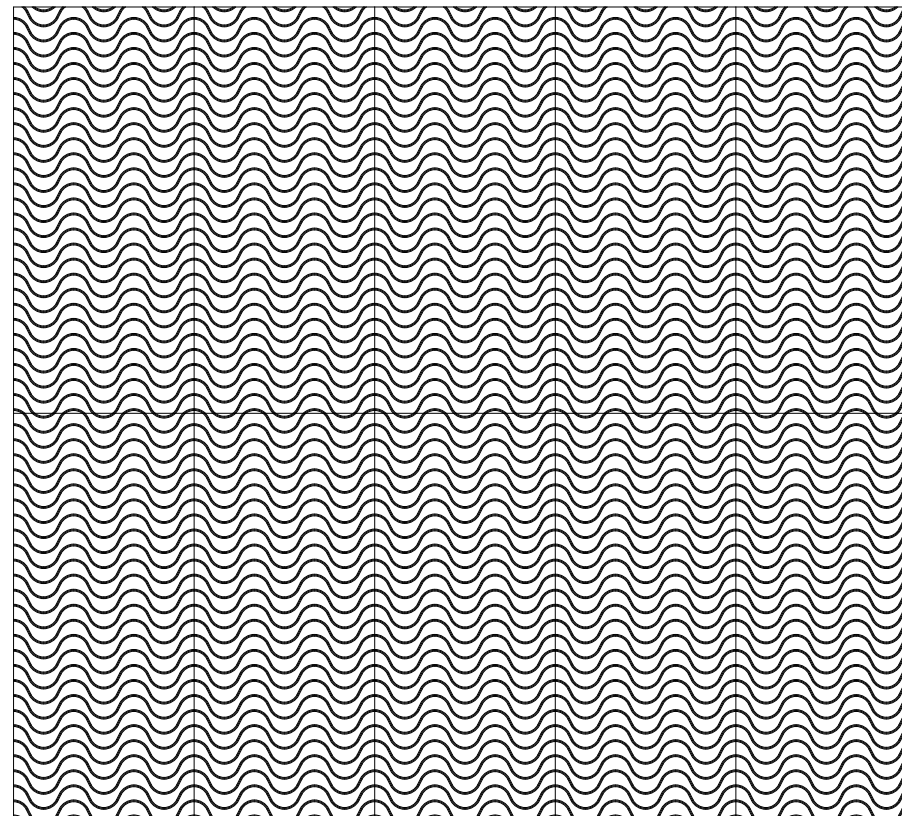
Layout 1



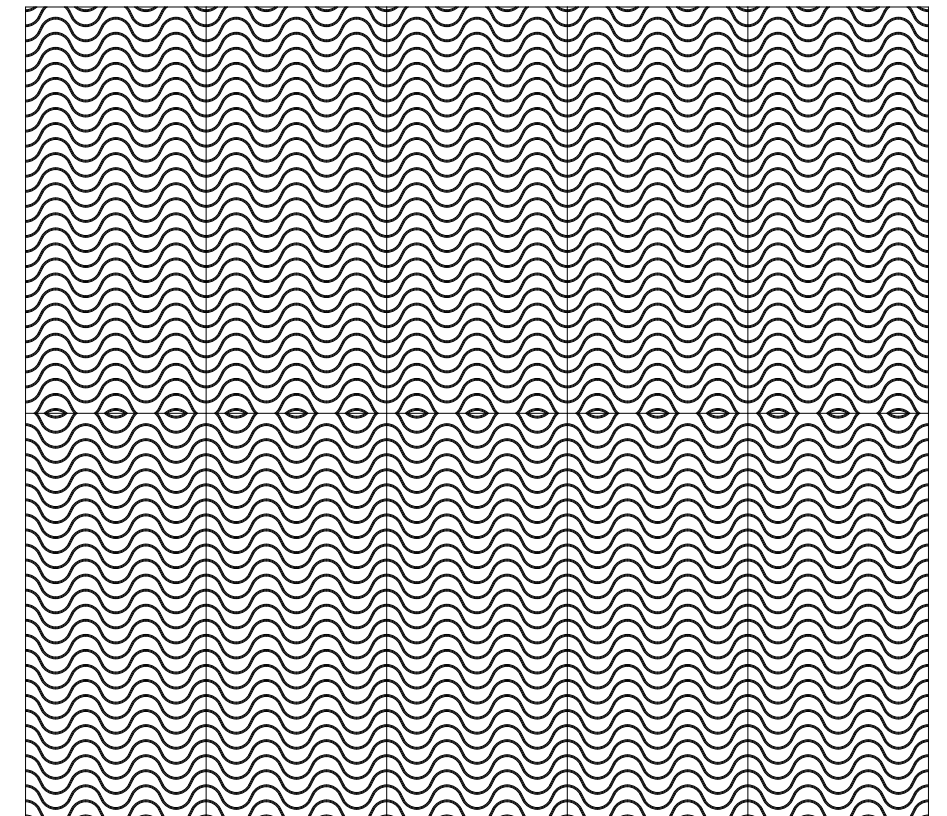
Layout 2



Layout 3

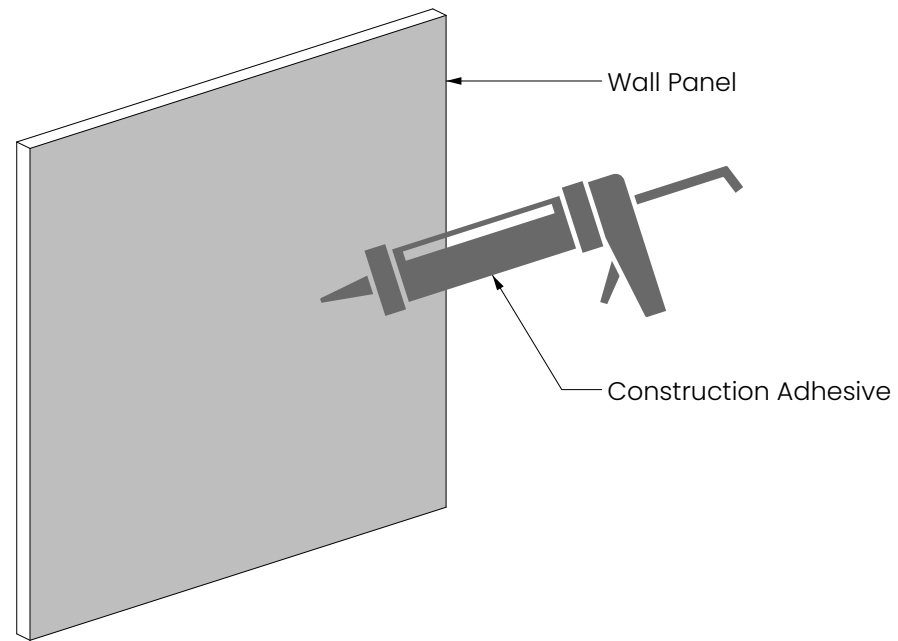


Layout 4

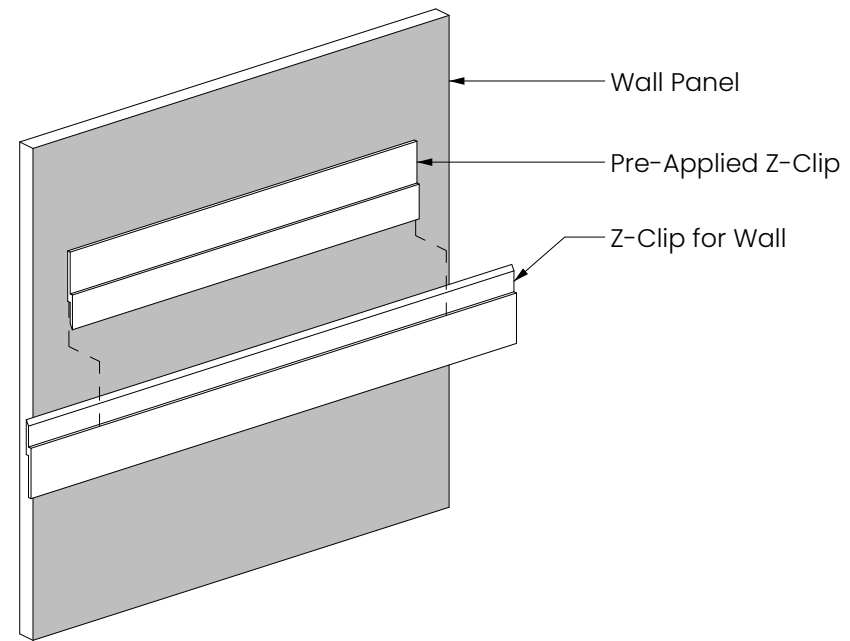


Mounting Methods

Construction Adhesive



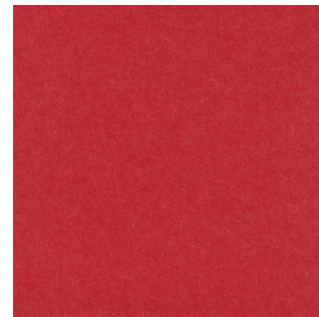
Z-Clip Mount



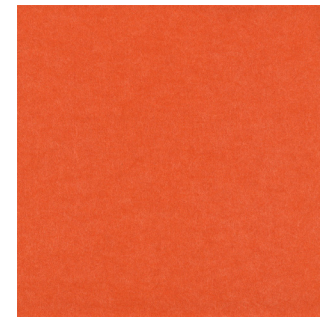
Colorways



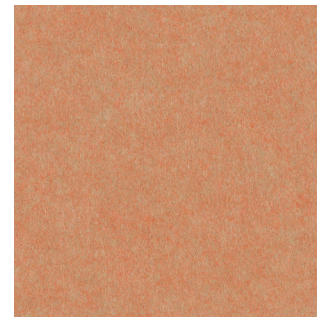
Peppercorn



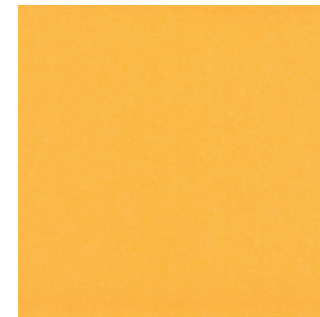
Lipstick Red



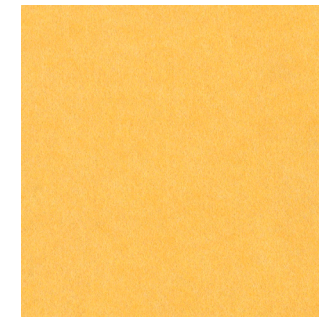
Carrot



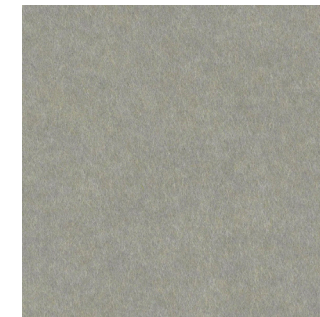
Peach



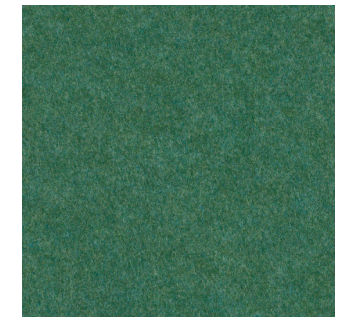
Butter



Popcorn



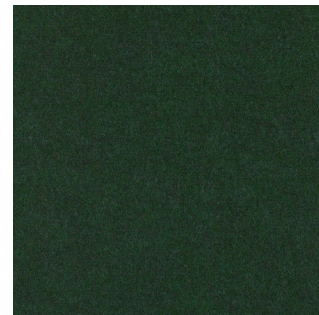
Pistachio



Thistle



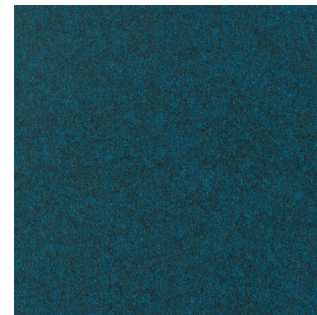
Oregano



Kale



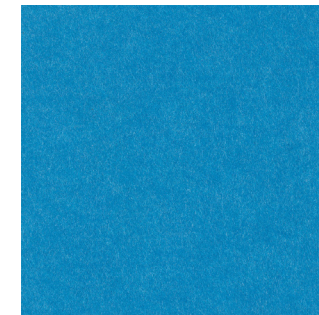
Wasabi



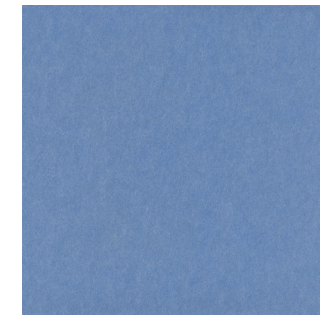
Denim



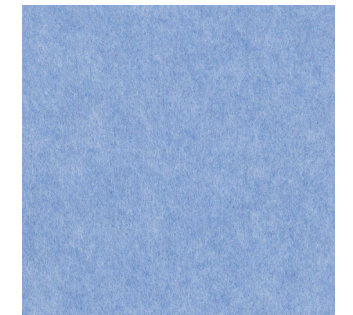
Peacock



Azur



Marine



Periwinkle



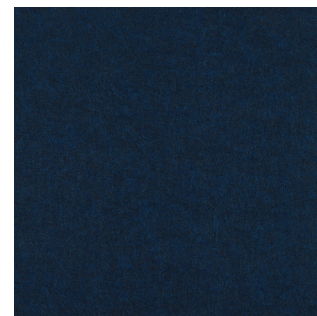
Lilac



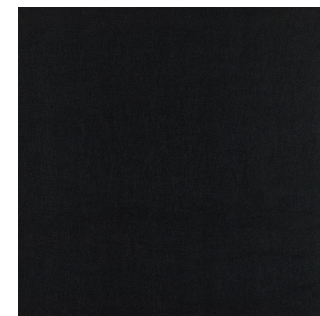
Iris



Berry



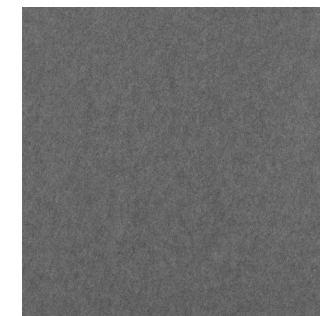
Midnight



Piano Black



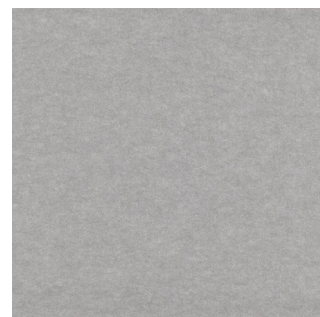
Charcoal



Slate



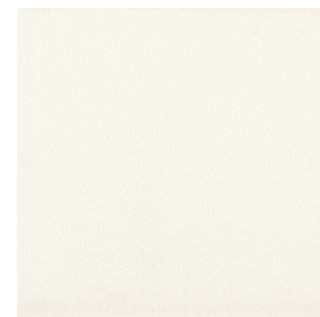
Grey



Metal



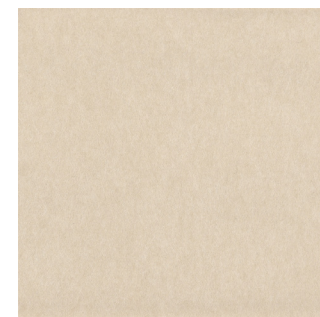
Platinum



White



Ivory



Pearl