



Fracture Panel

FilaSorb™ 12

acoufelt
making quiet

Distributed by



Product Detail

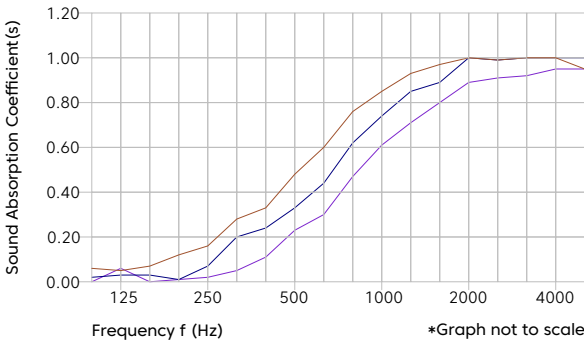
Product	Fracture Panel
Surface	Wall
Composition	100% Polyester
Material	FilaSorb™
Recycled Content	60% min.
Dimensions	1220 x 2800mm
	Custom size available upon request
Thickness	12mm +/- 10%

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

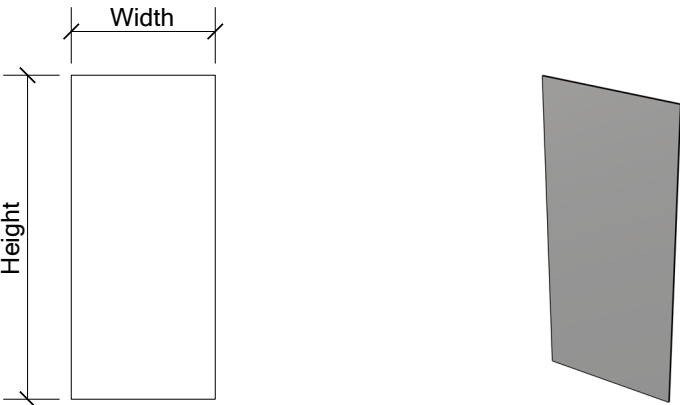
Sound Absorption ISO 354-2006 **NRC 0.45 (no air gap)**
NRC 0.54 (12mm air gap)
NRC 0.64 (20mm air gap)



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

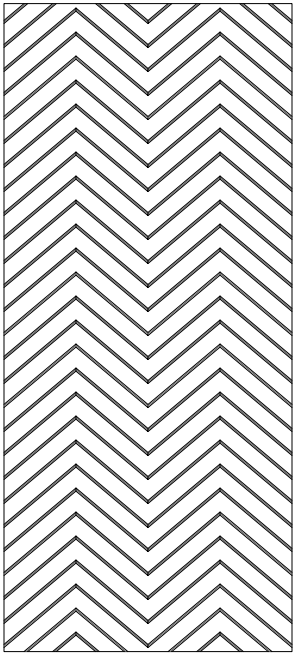
Environmental Attributes

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

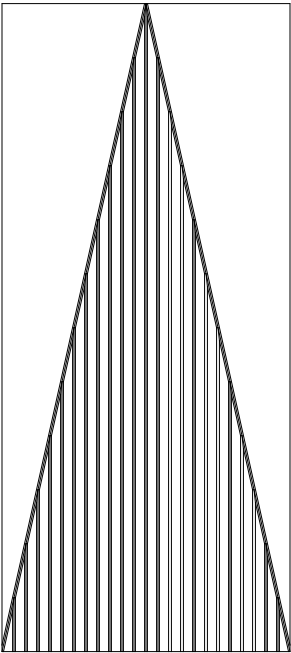


Patterns

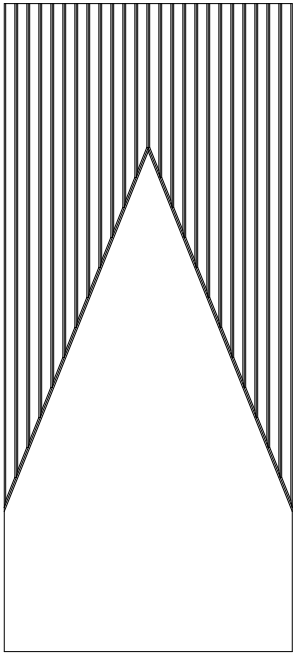
Chevron



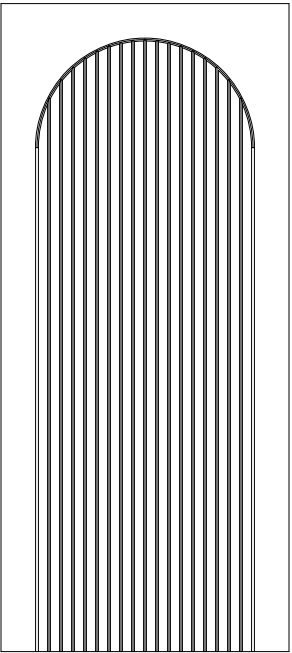
Pennant



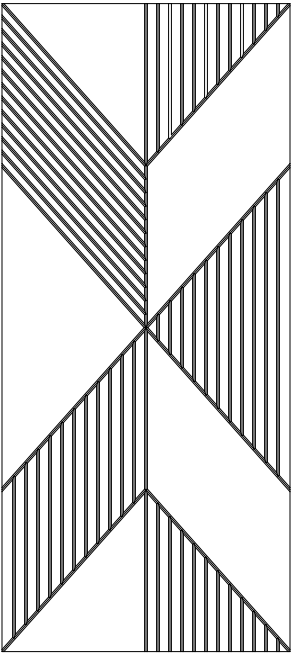
Summit



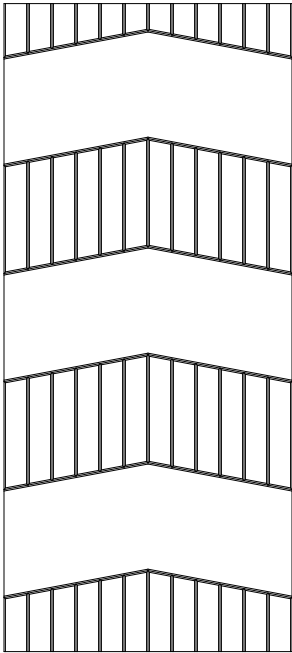
Arch



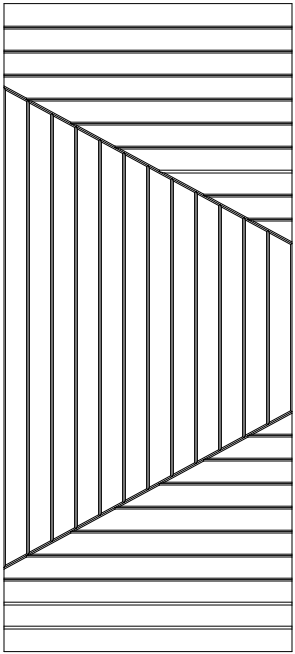
Metropolis



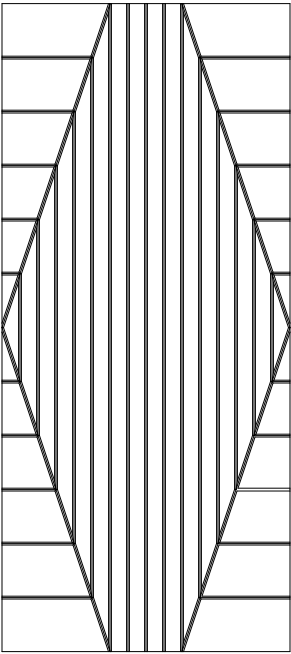
Track



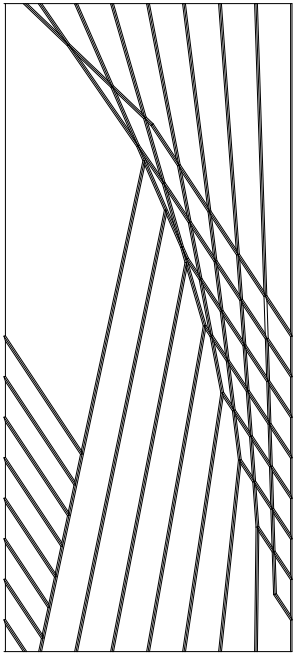
Pulse



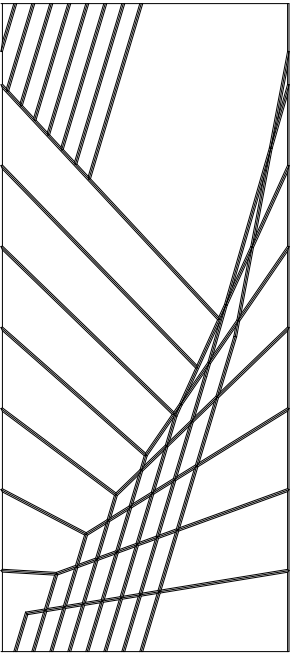
Harlequin



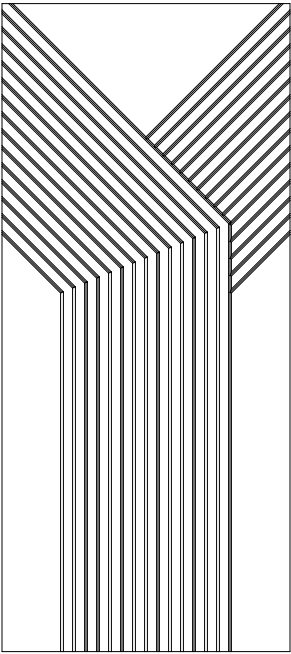
Spirograph



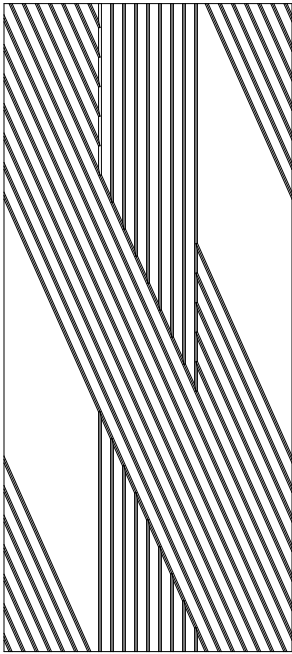
Prism



Rowhouse

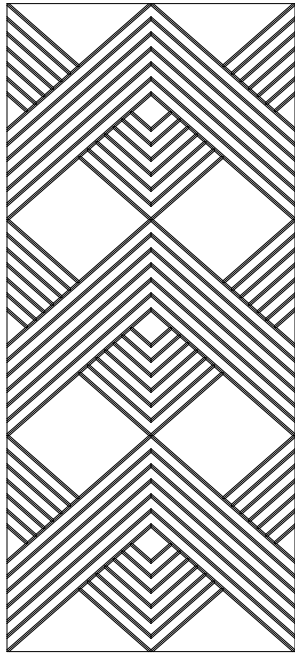


Intersect

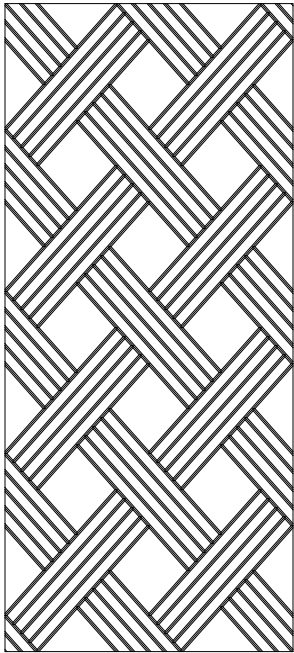


Patterns

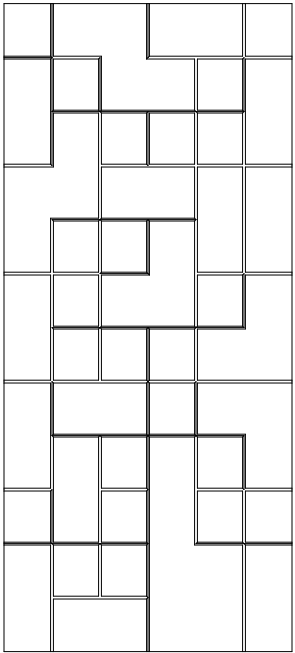
Knit



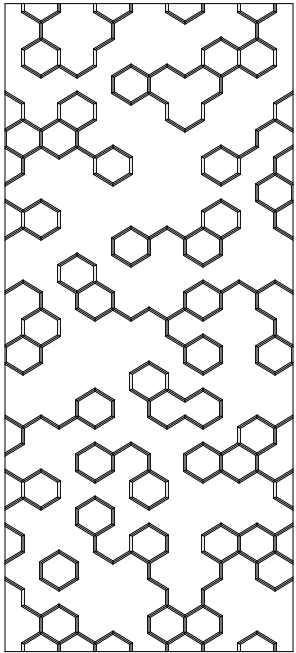
Lattice



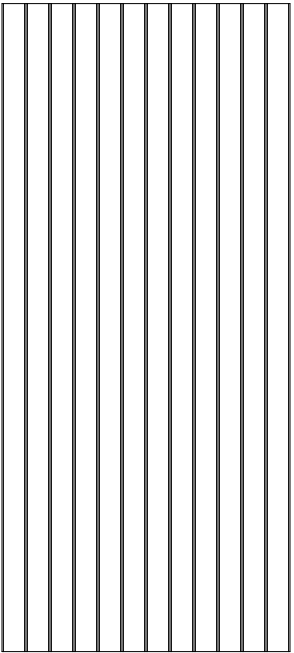
Maze



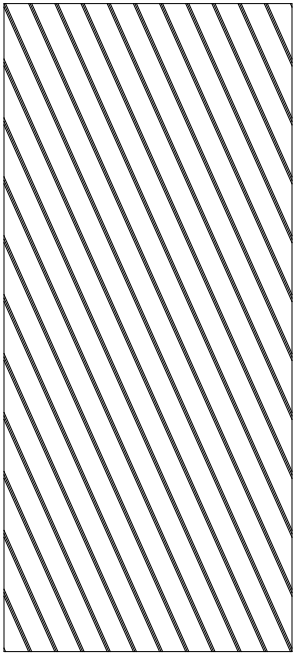
Formula



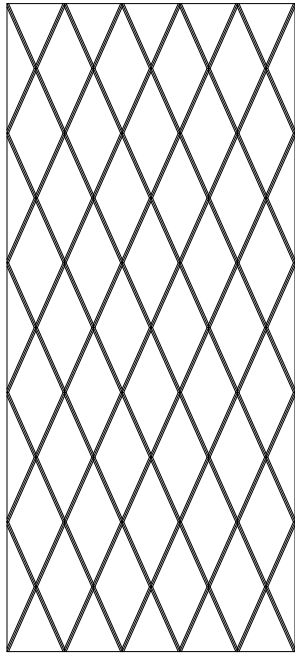
Fineline



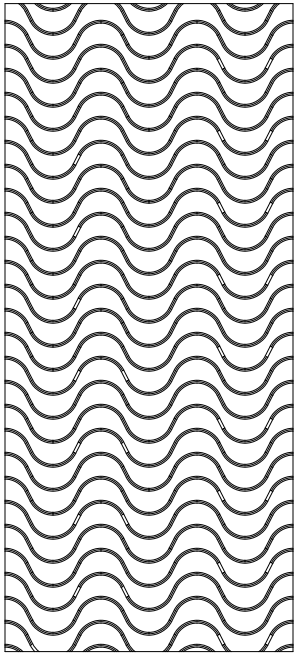
Diagonal



Trellis



Wavelength



Chevron Pattern

Chevron



Recommended Layout

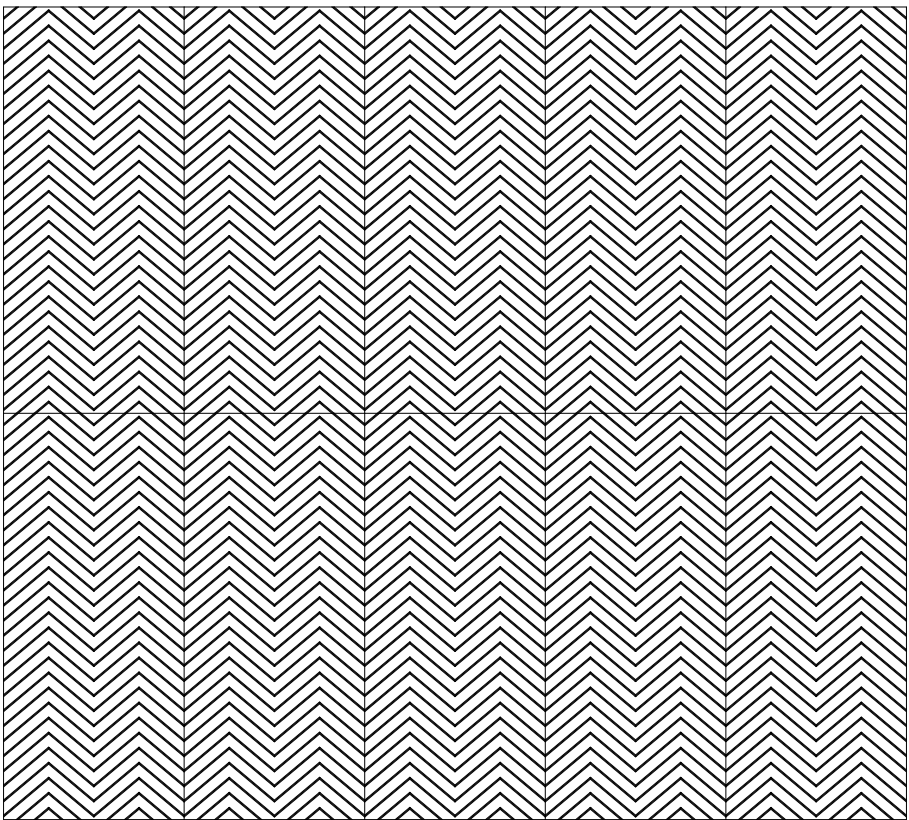
Layout 1



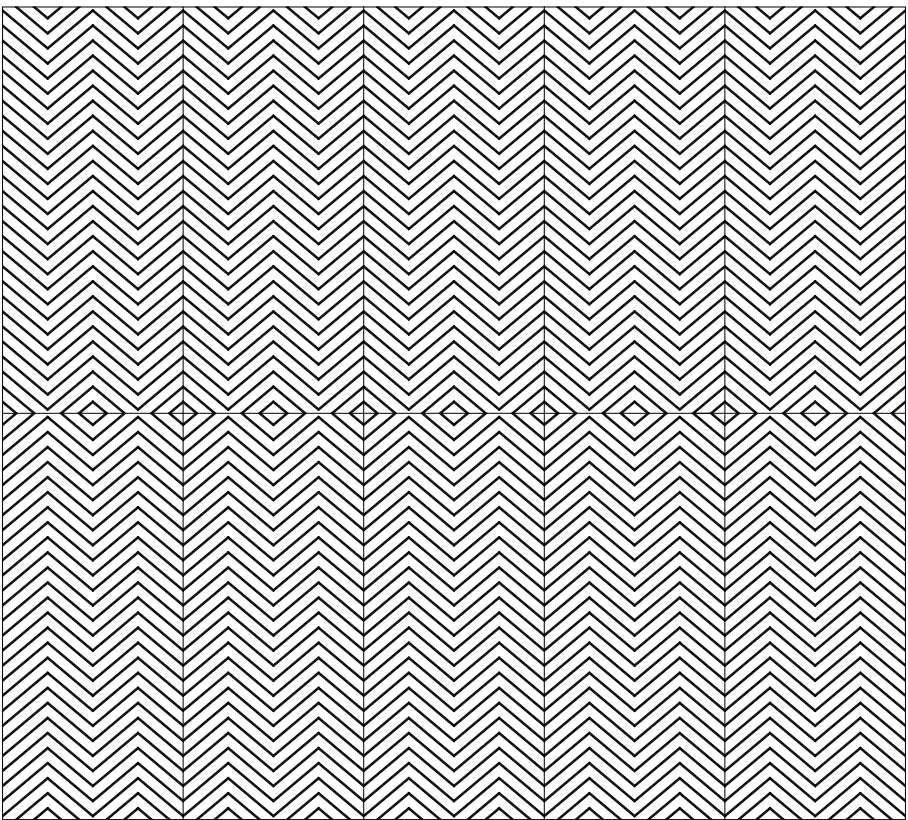
Layout 2



Layout 3

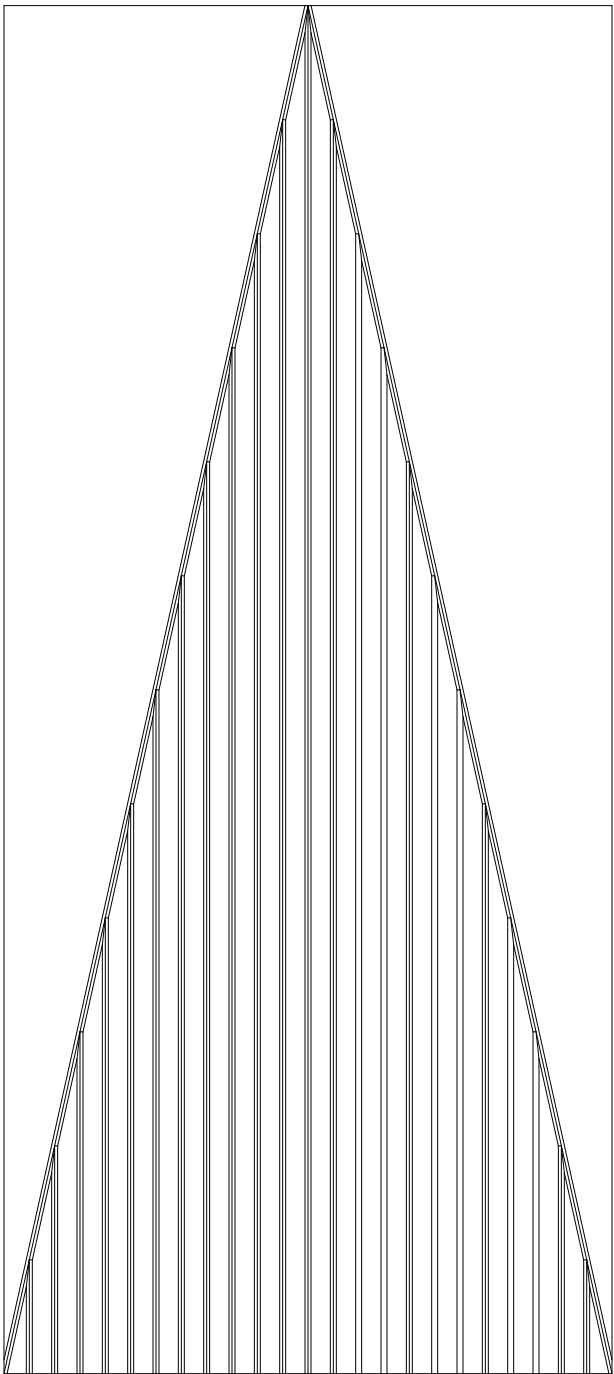


Layout 4



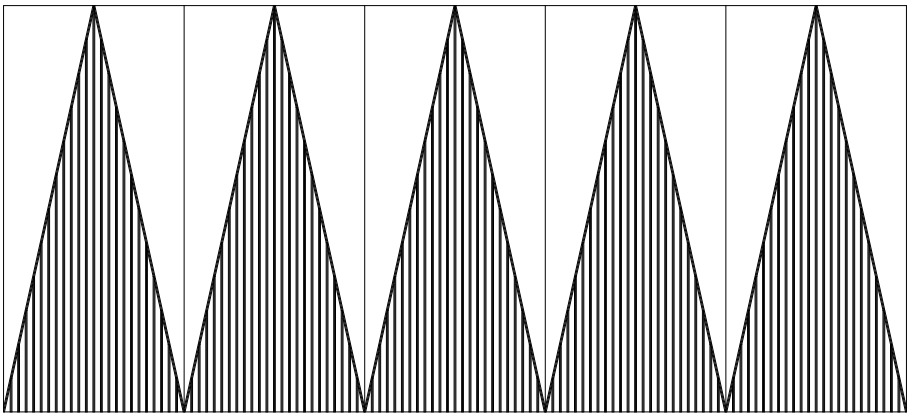
Pennant Pattern

Pennant

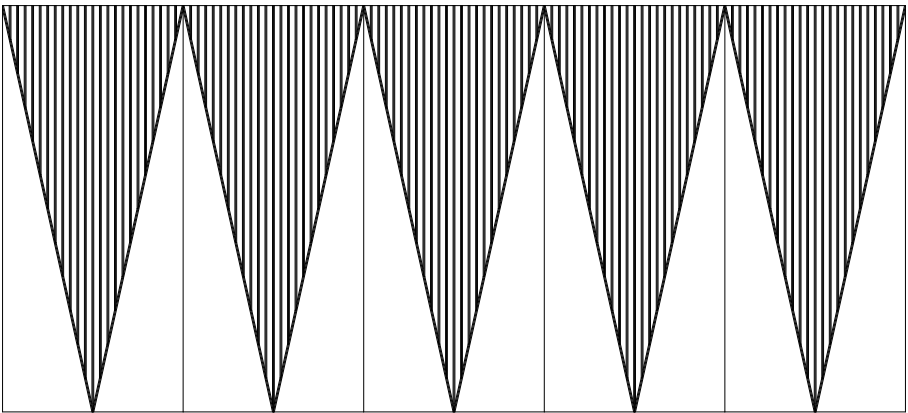


Recommended Layout

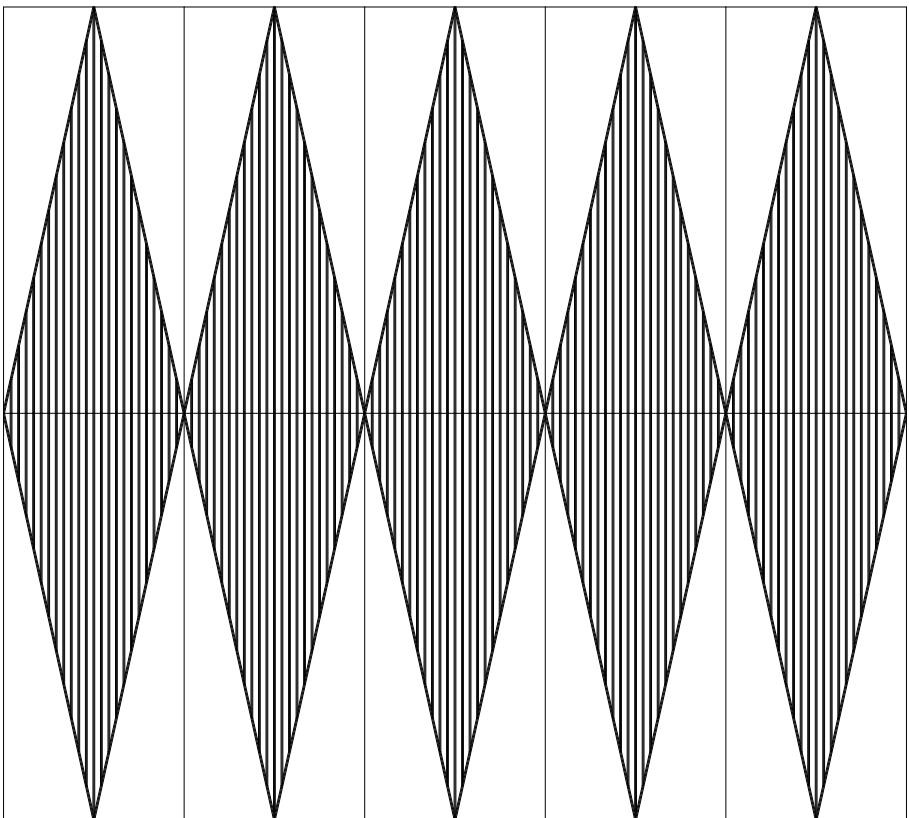
Layout 1



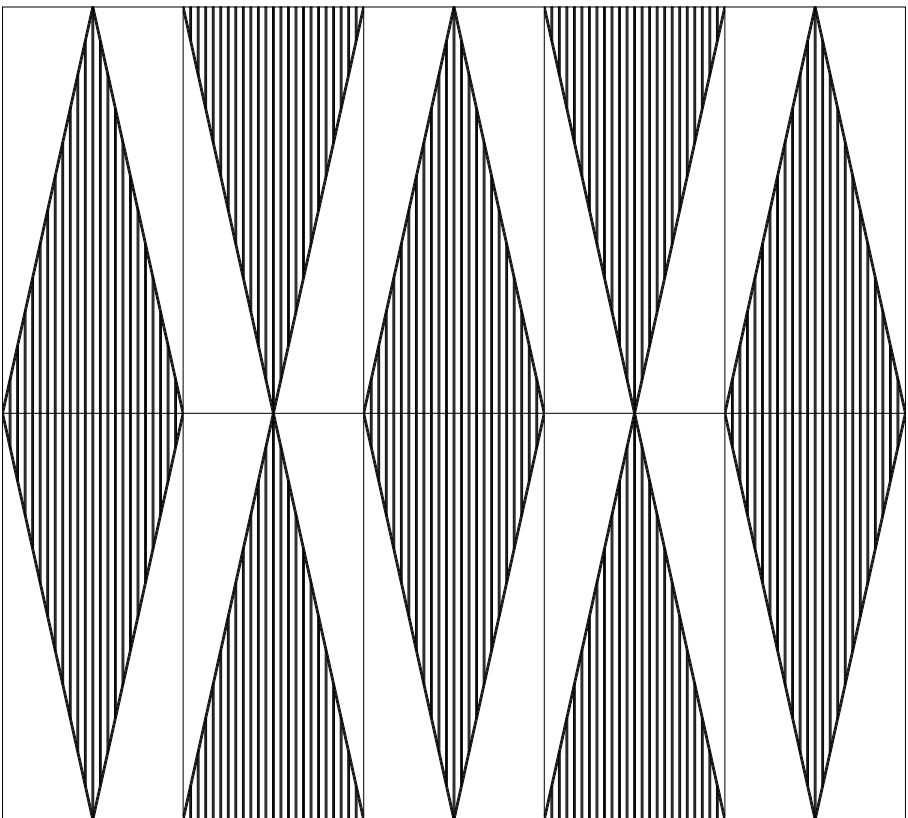
Layout 2



Layout 3

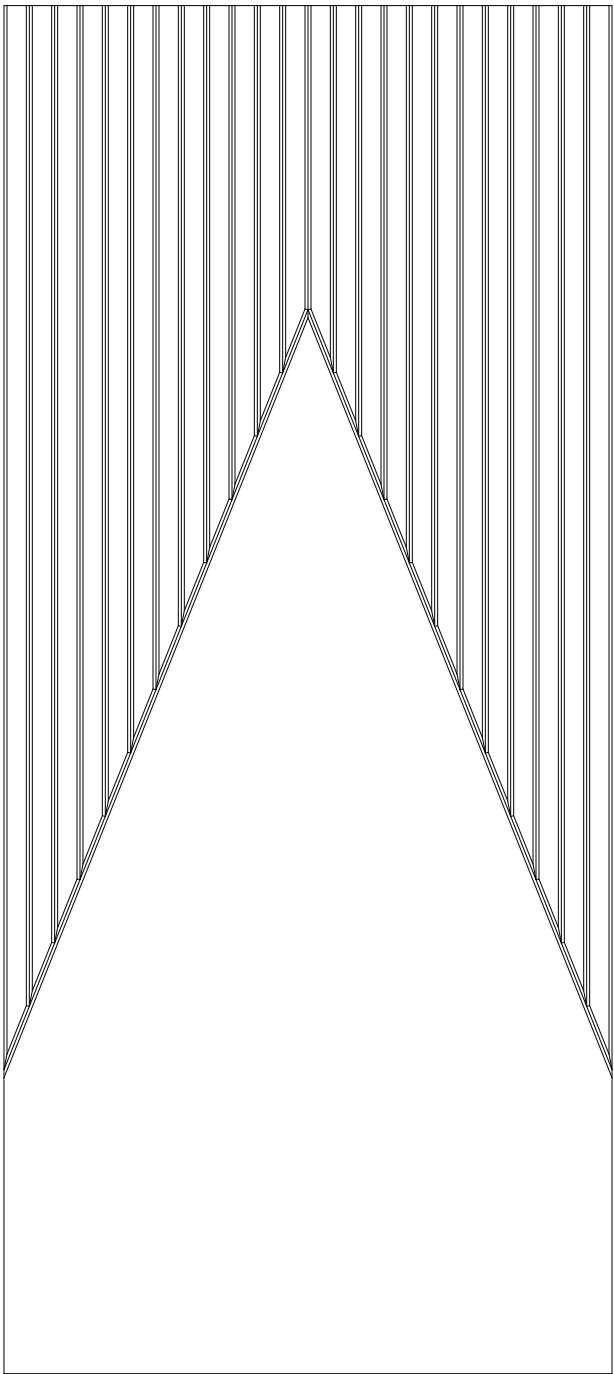


Layout 4



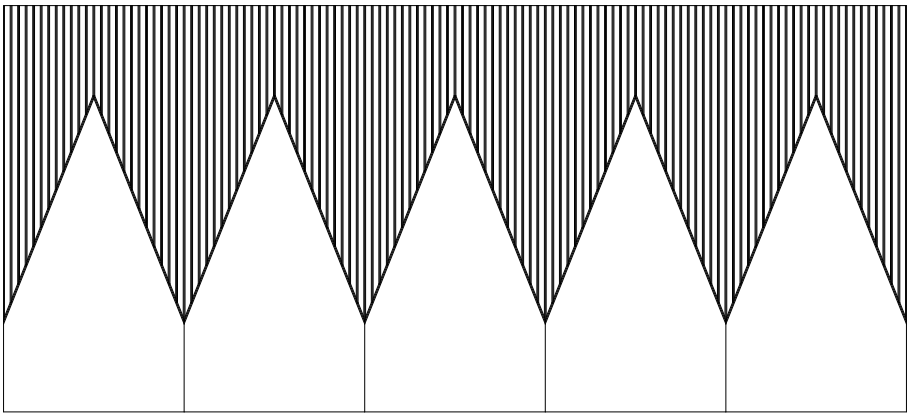
Summit Pattern

Summit

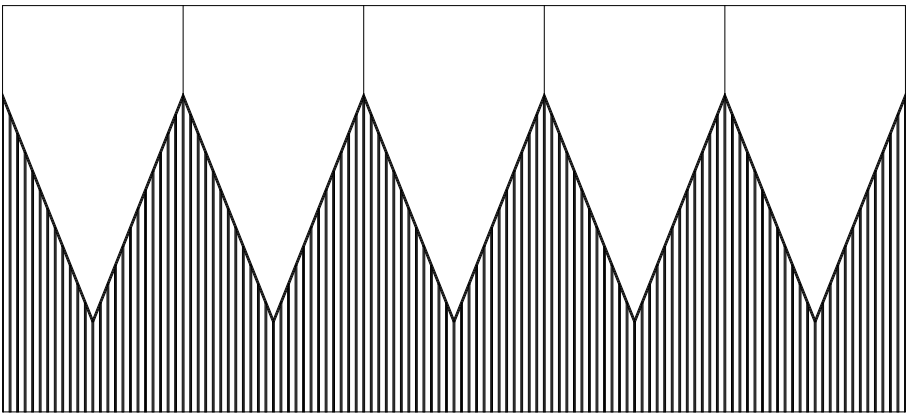


Recommended Layout

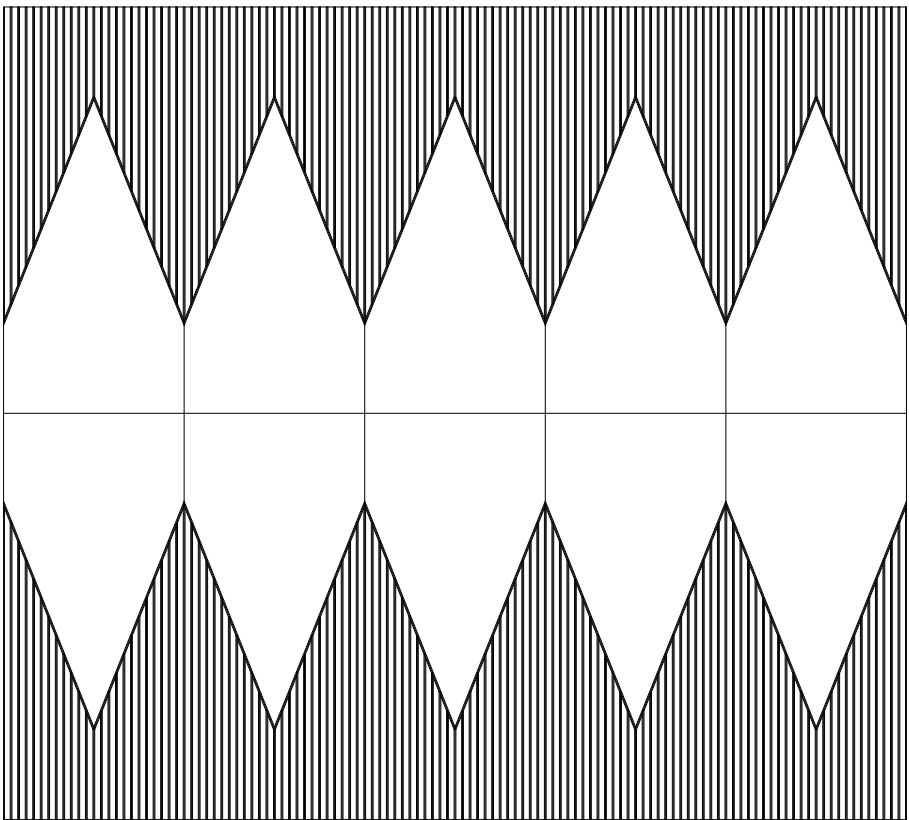
Layout 1



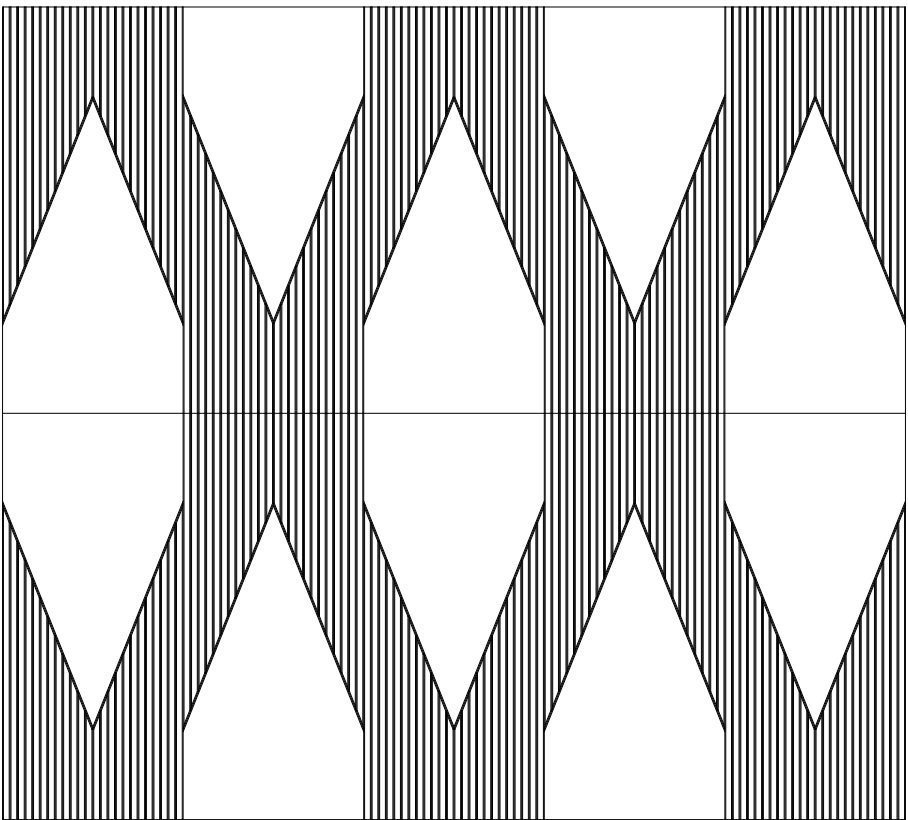
Layout 2



Layout 3

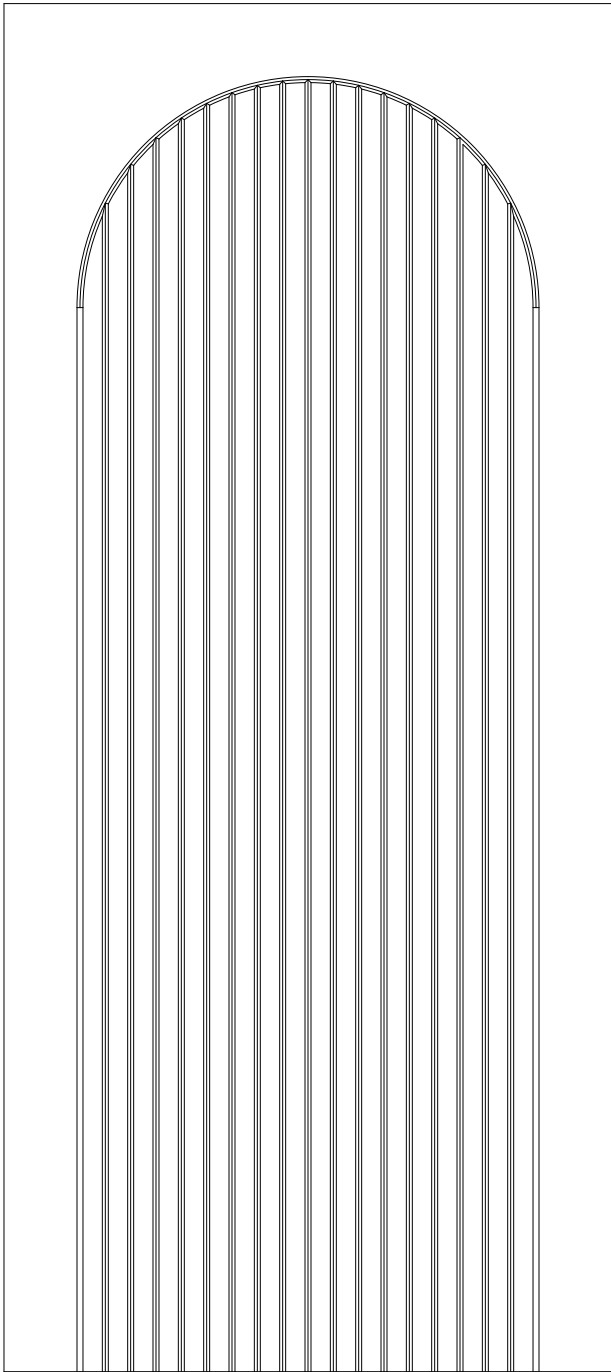


Layout 4



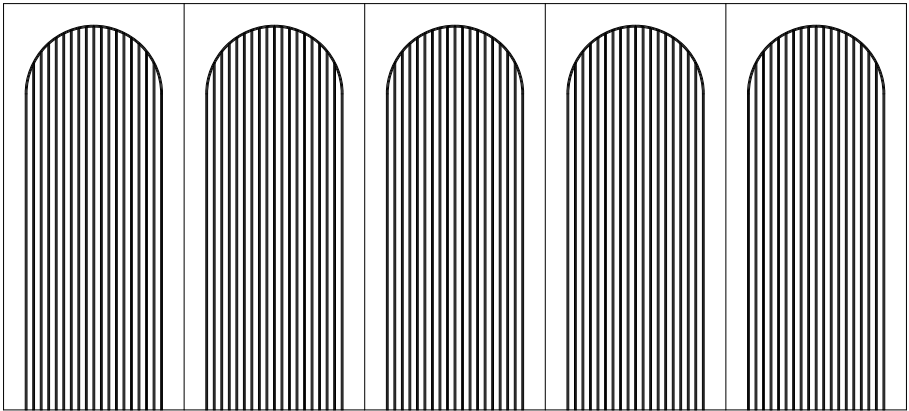
Arch Pattern

Arch

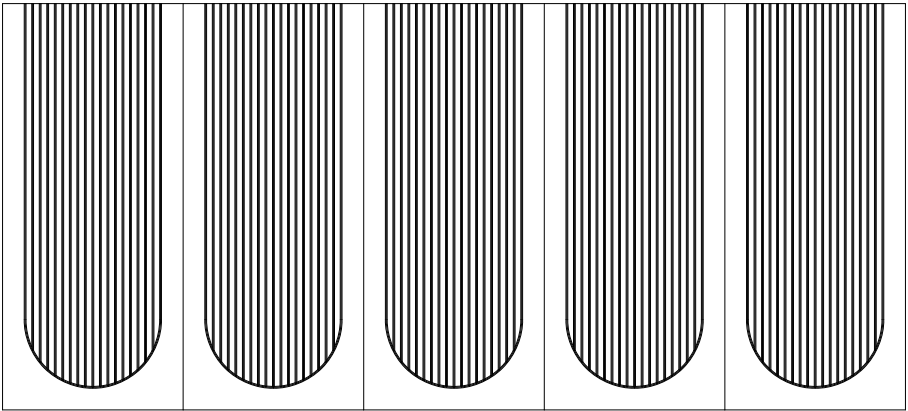


Recommended Layout

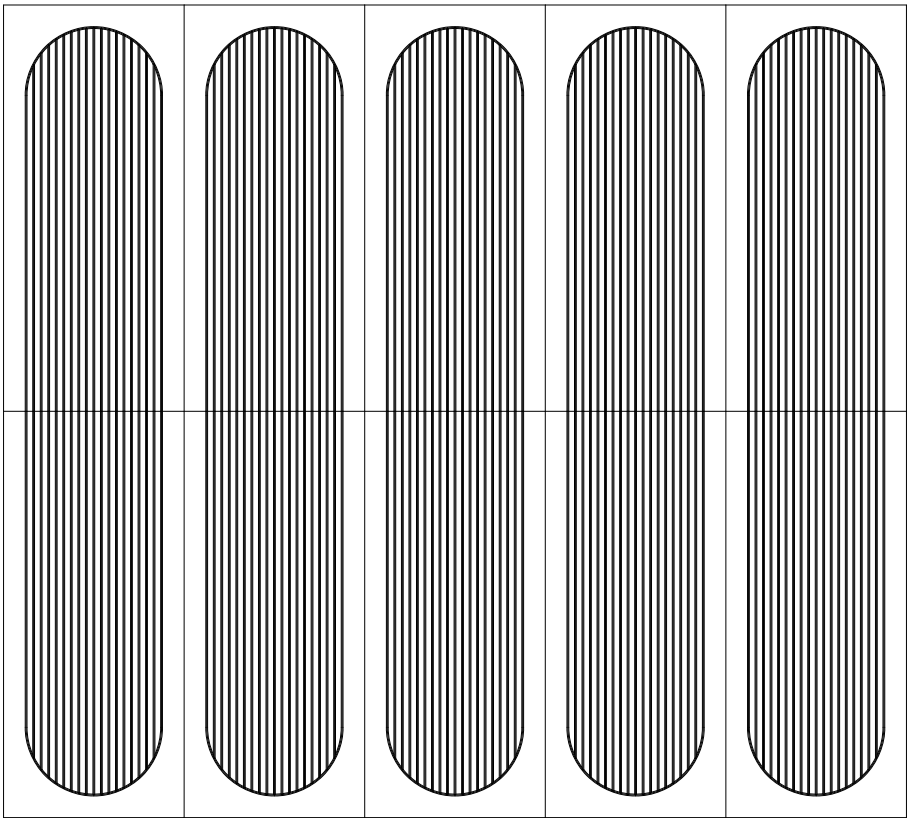
Layout 1



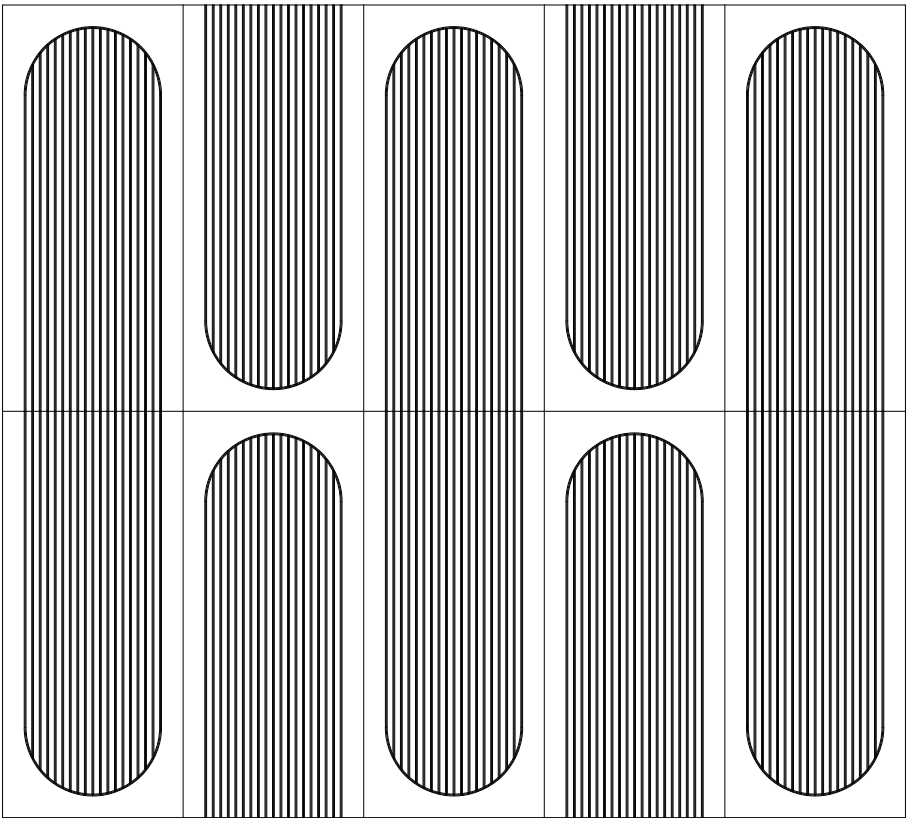
Layout 2



Layout 3

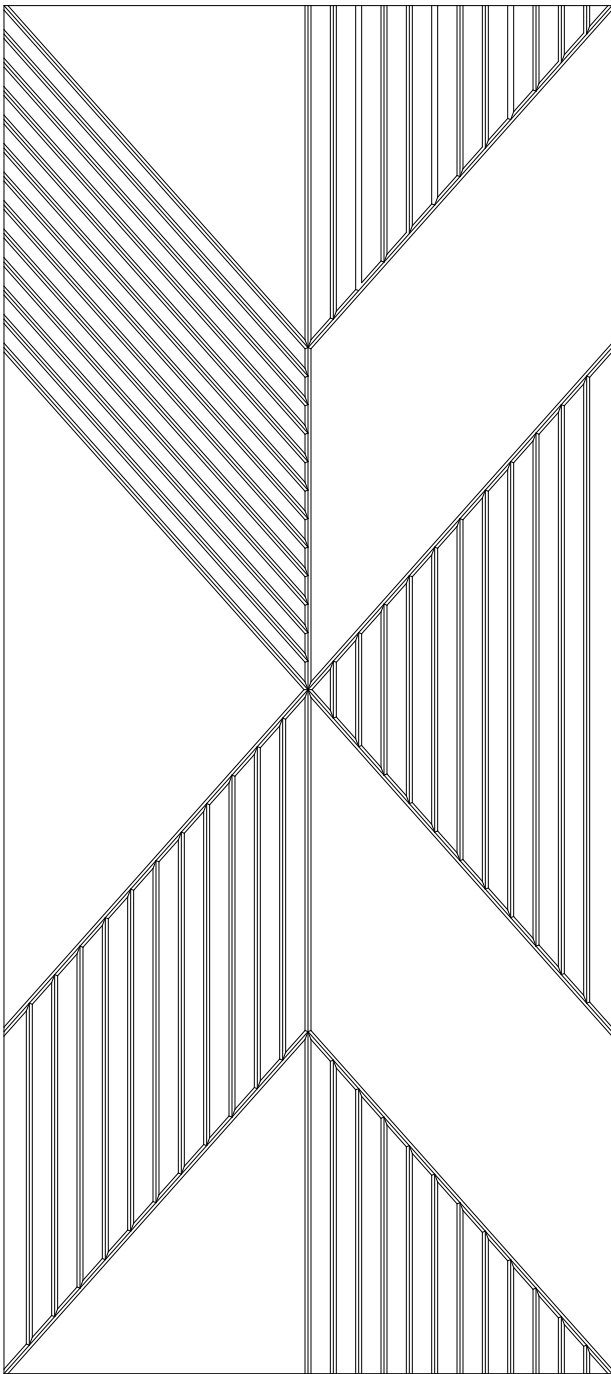


Layout 4



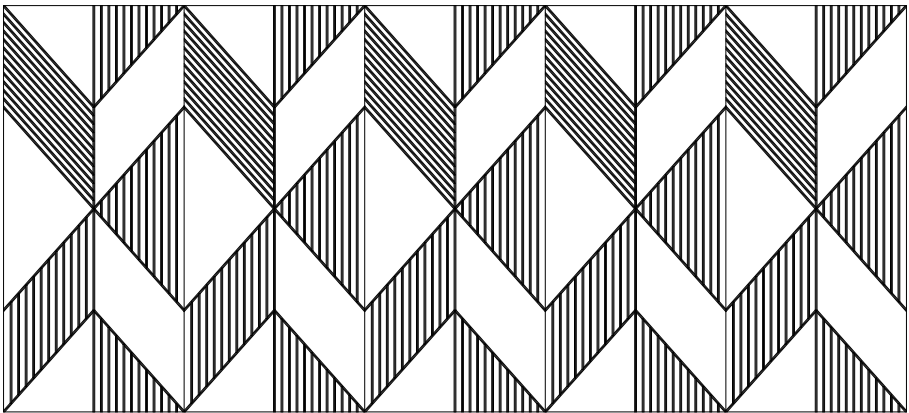
Metropolis Pattern

Metropolis

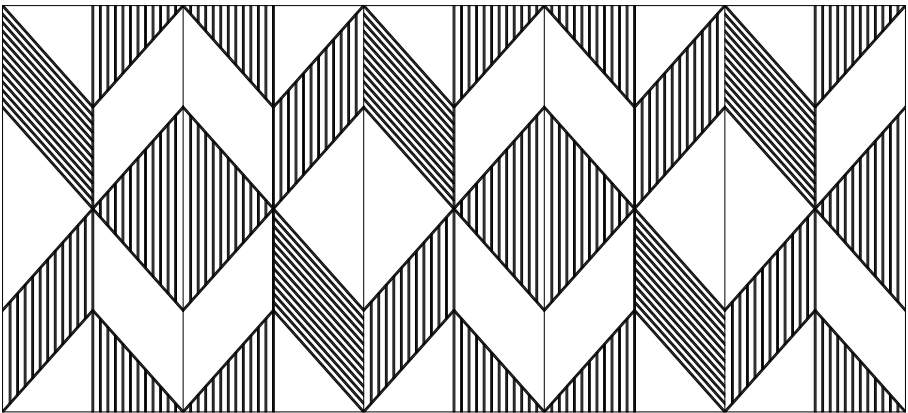


Recommended Layout

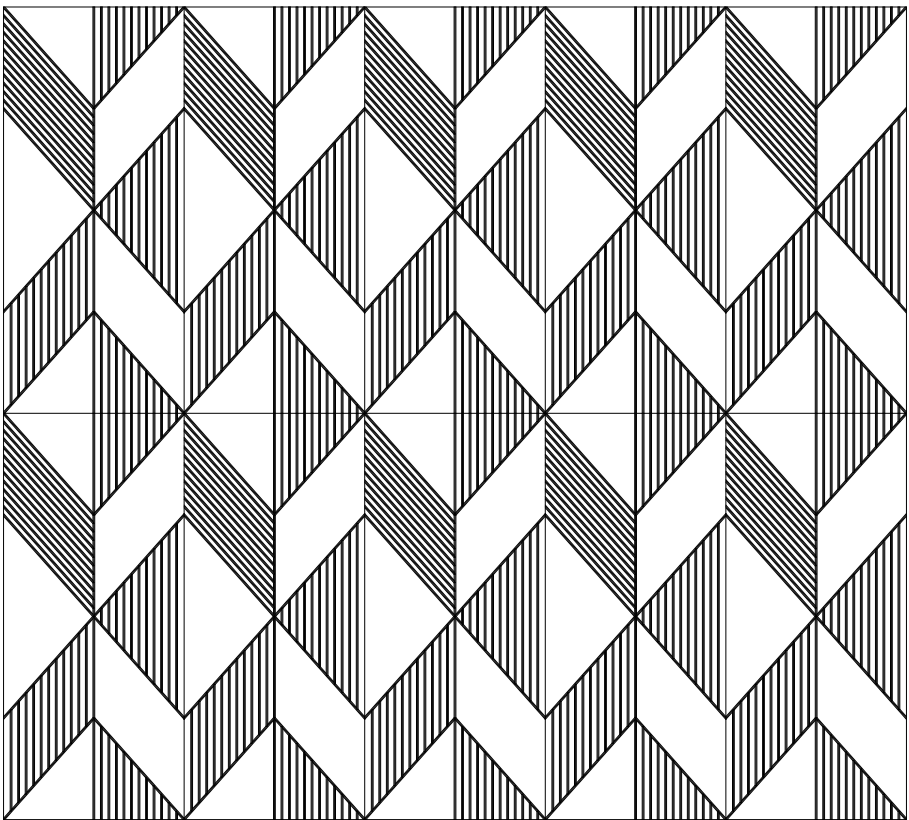
Layout 1



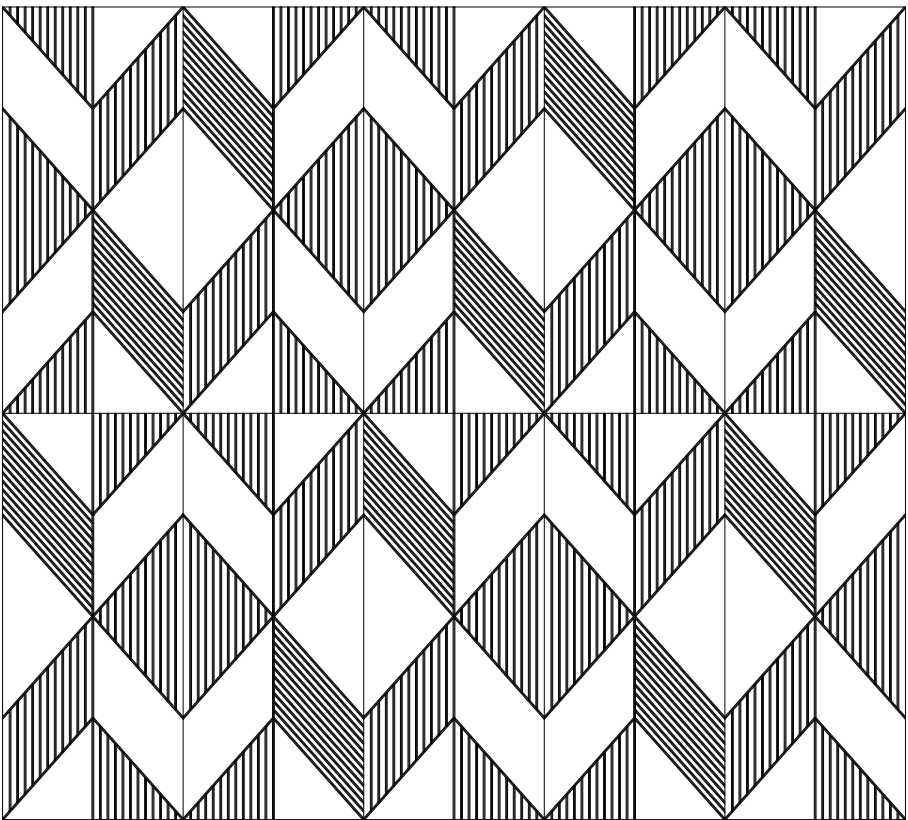
Layout 2



Layout 3

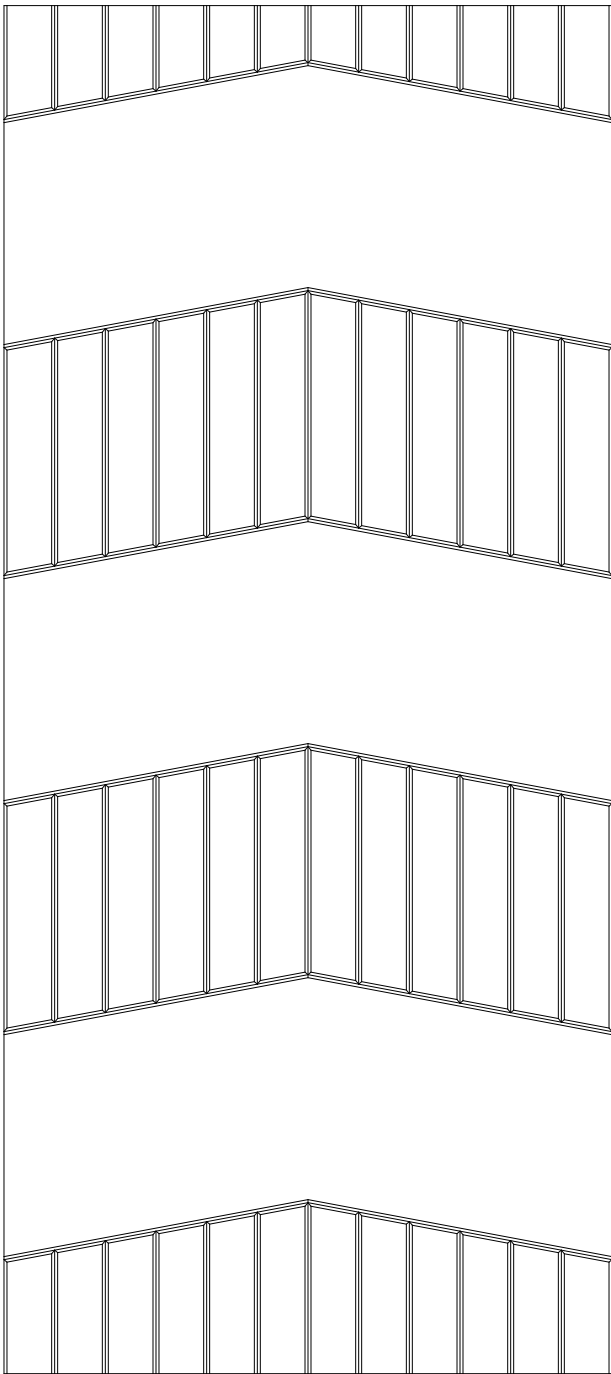


Layout 4



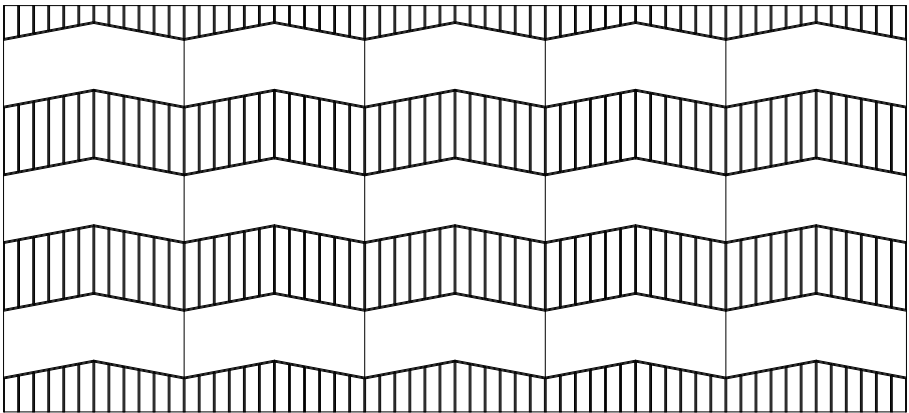
Track Pattern

Track

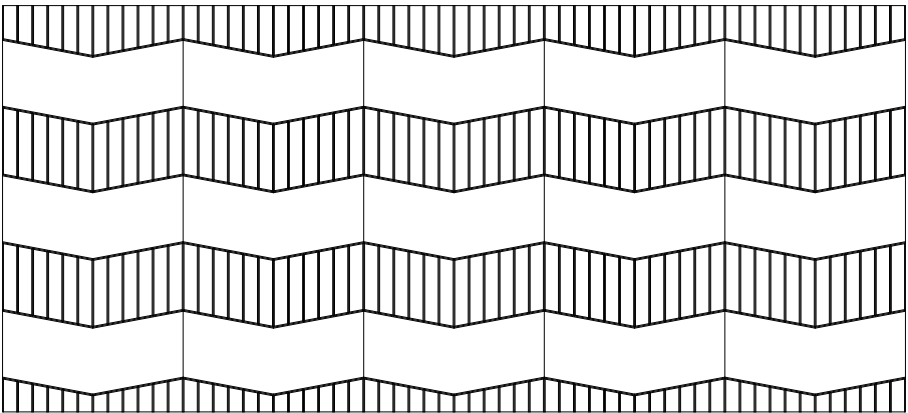


Recommended Layout

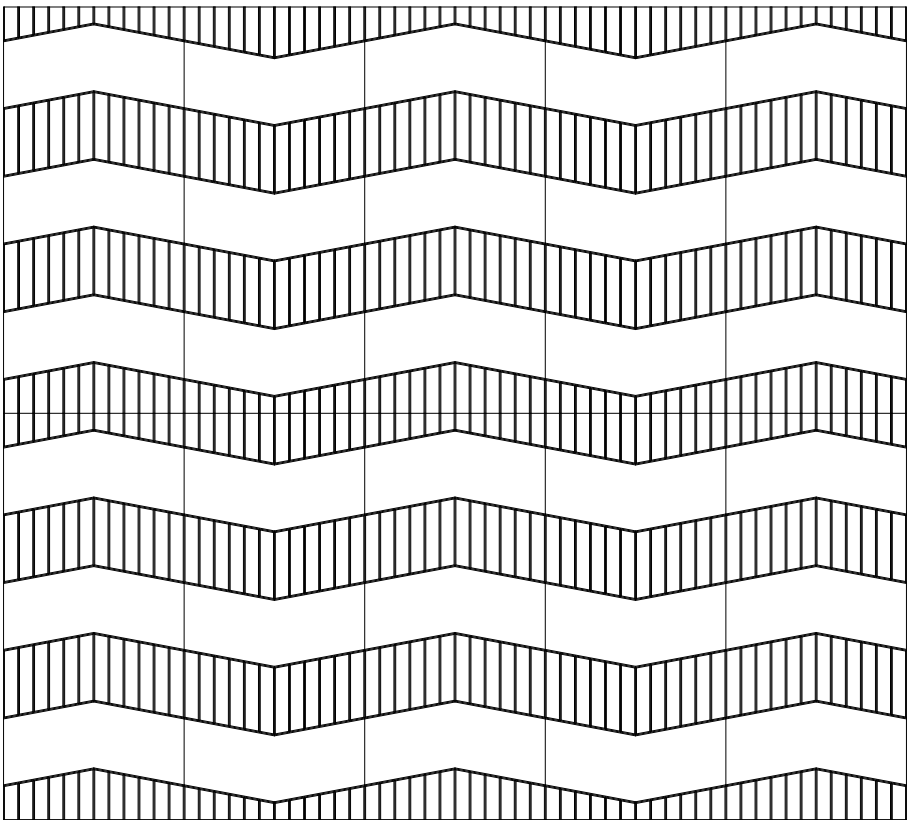
Layout 1



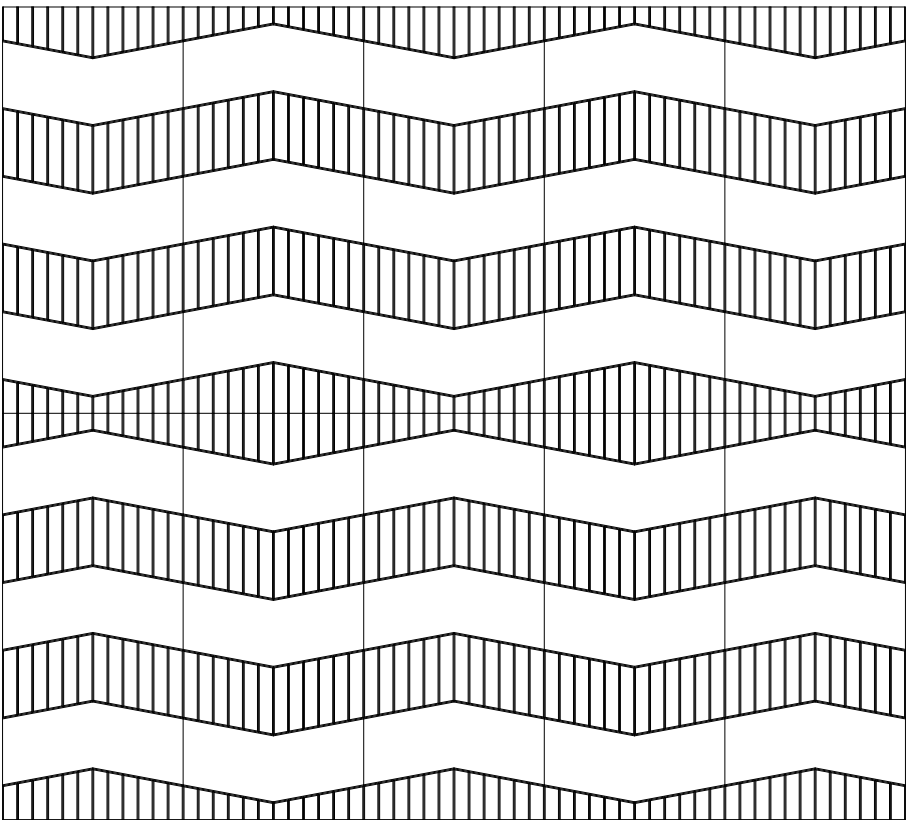
Layout 2



Layout 3

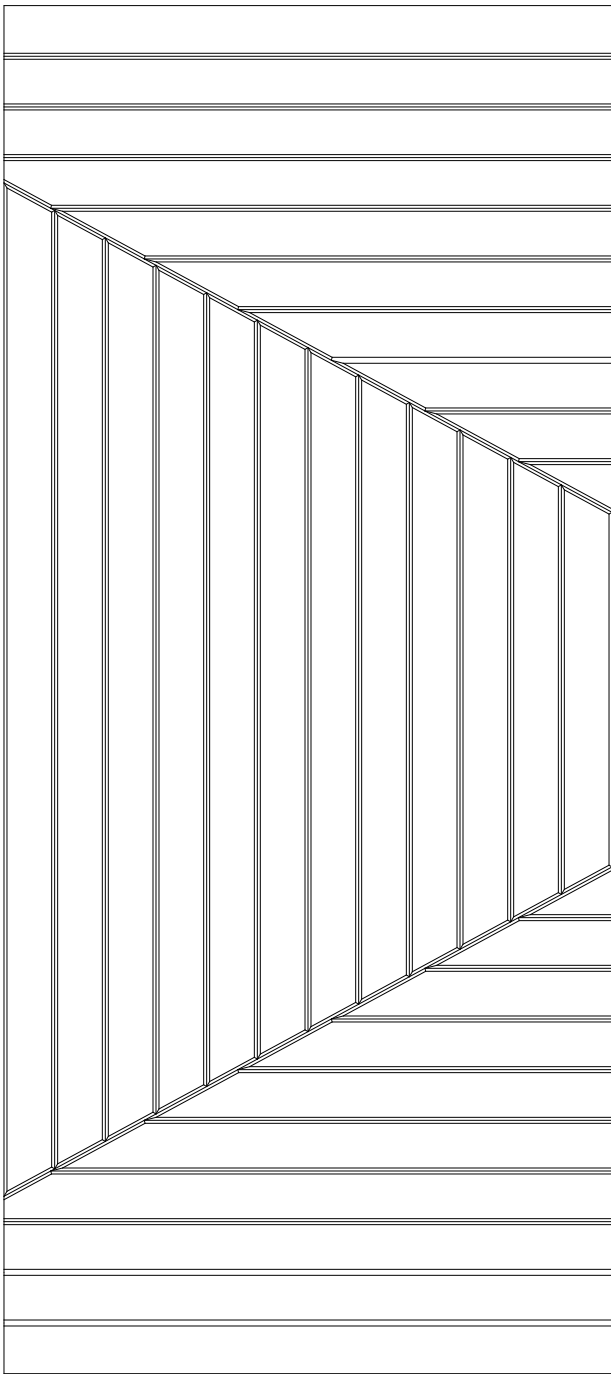


Layout 4



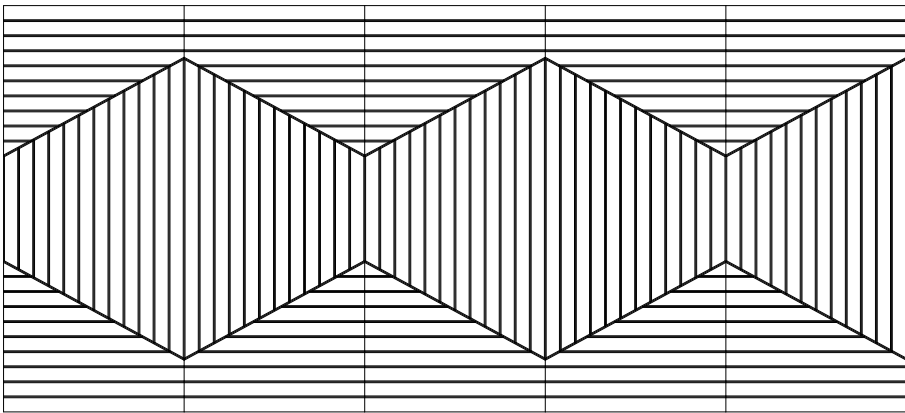
Pulse Pattern

Pulse

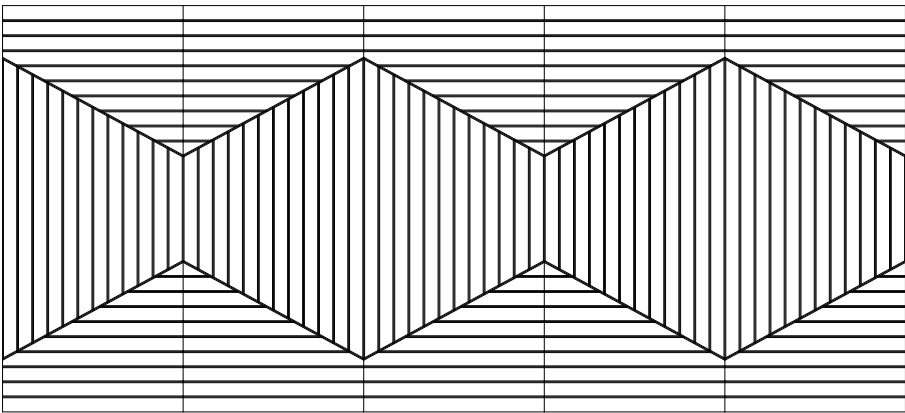


Recommended Layout

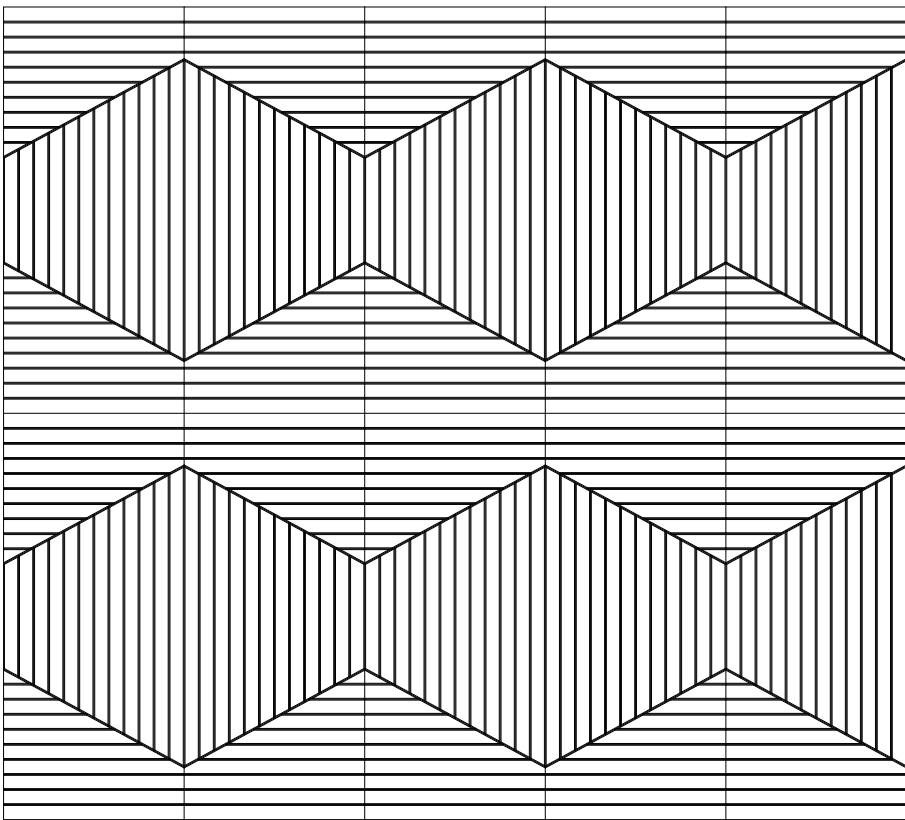
Layout 1



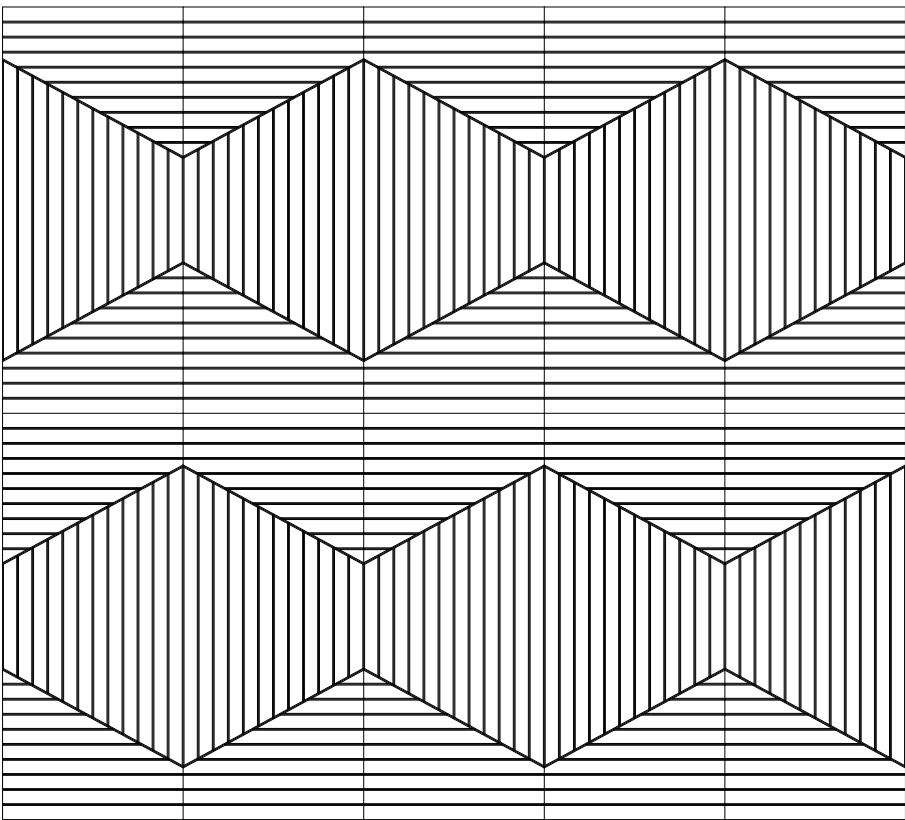
Layout 2



Layout 3

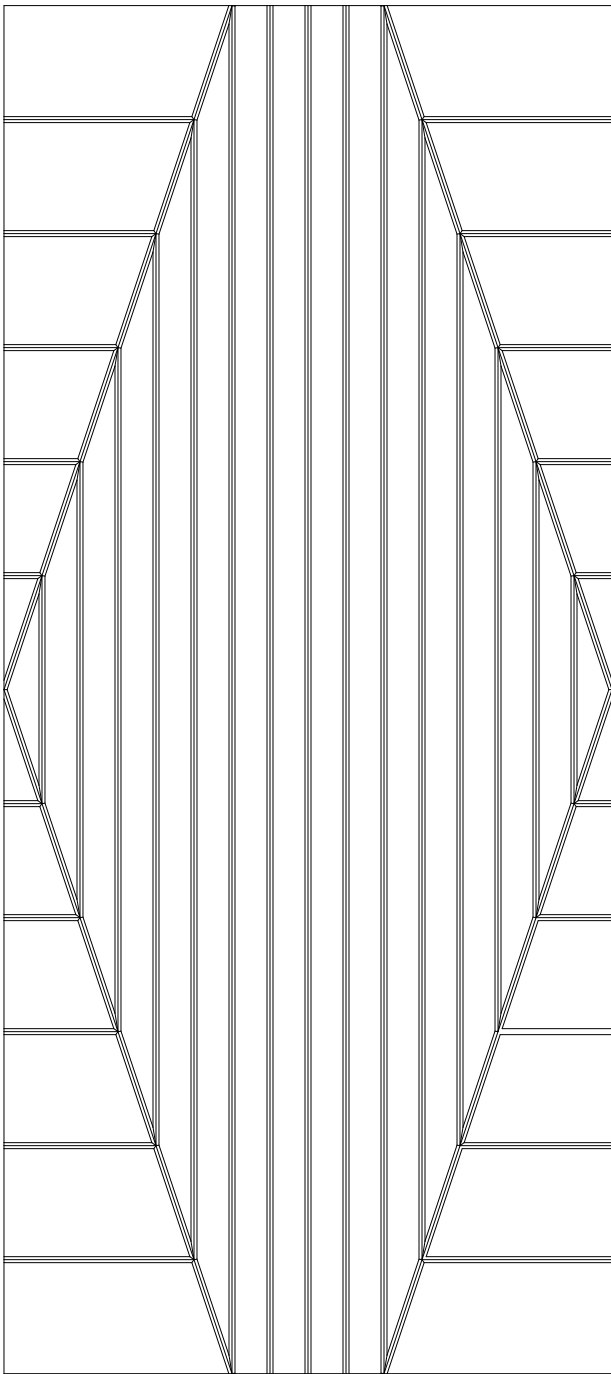


Layout 4



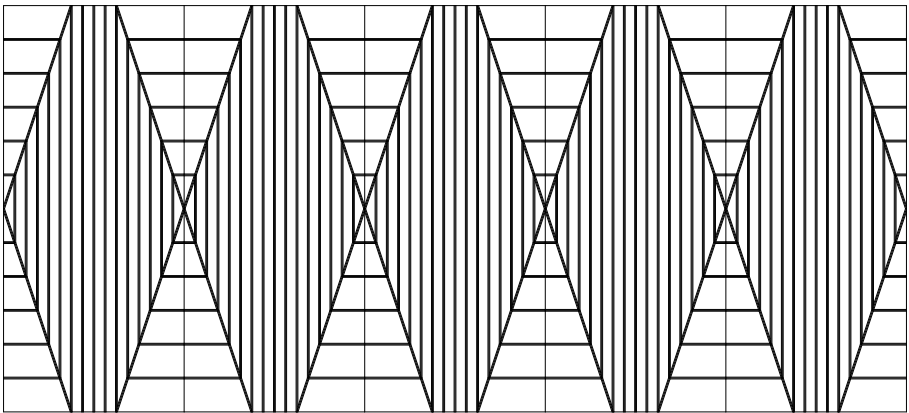
Harlequin Pattern

Harlequin

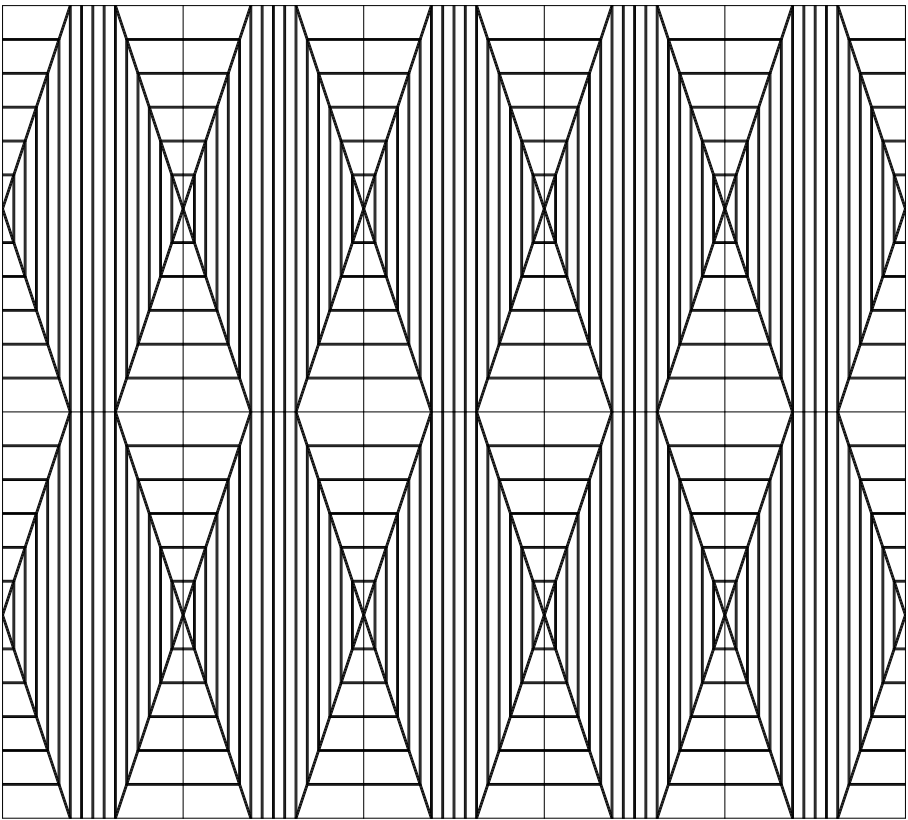


Recommended Layout

Layout 1

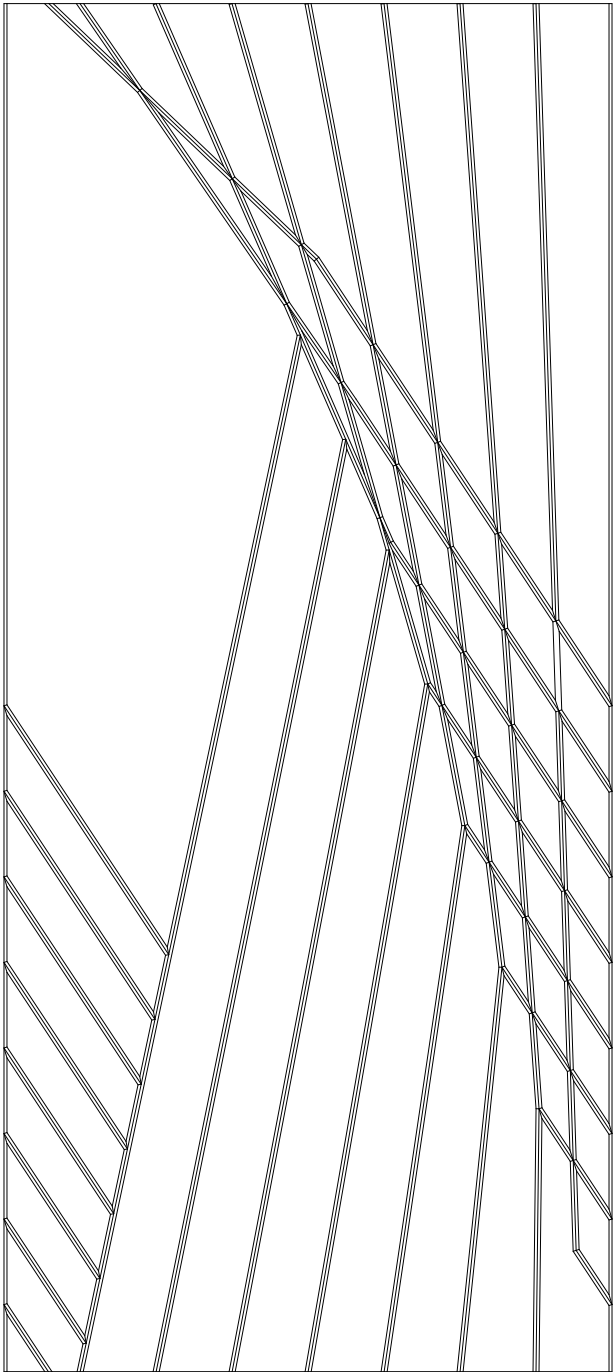


Layout 2



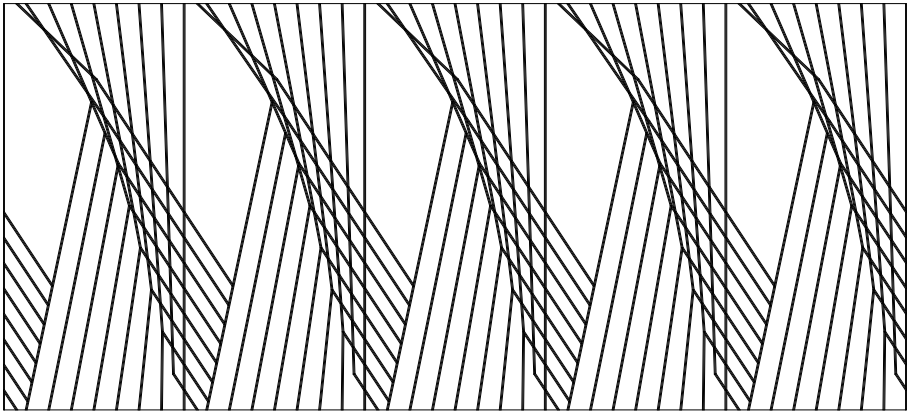
Spirograph Pattern

Spirograph

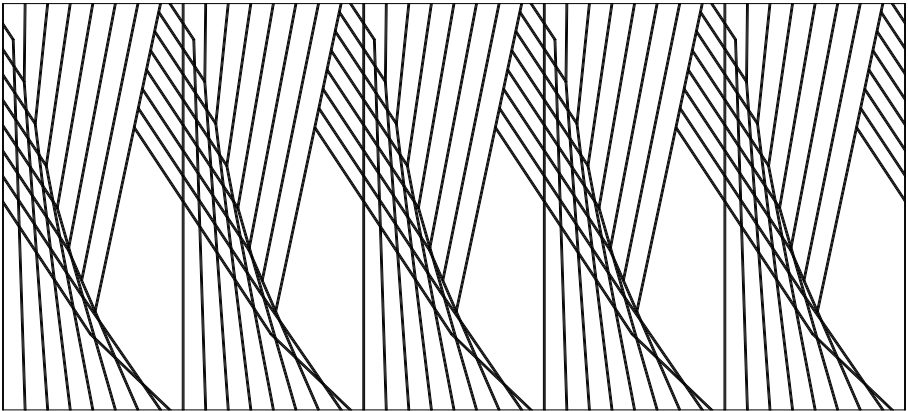


Recommended Layout

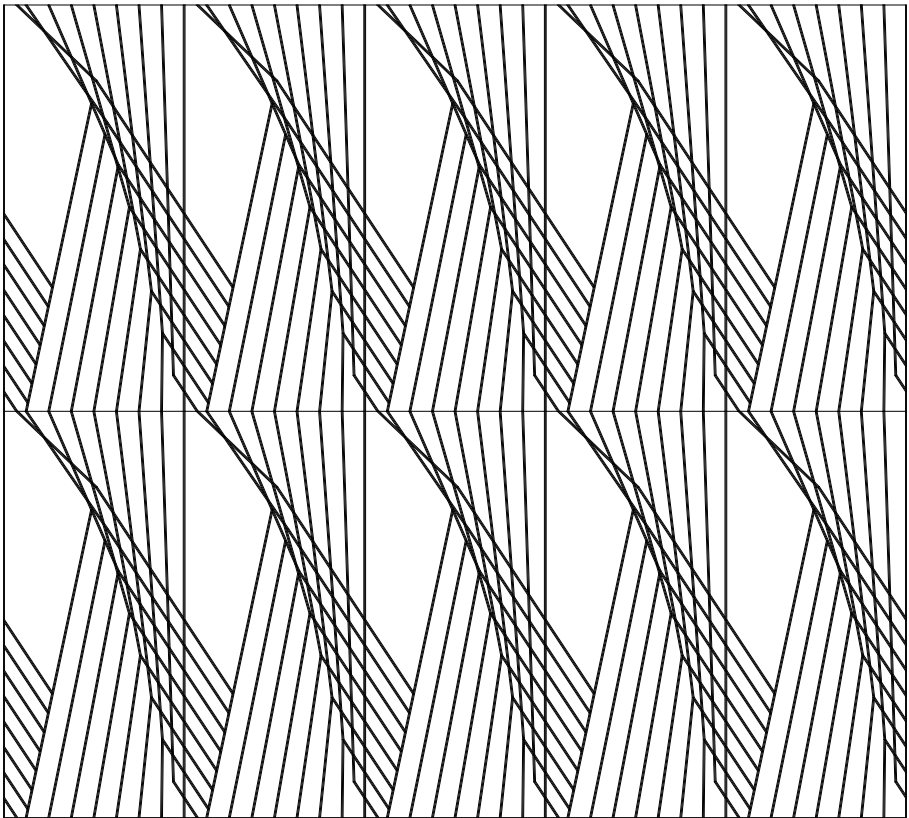
Layout 1



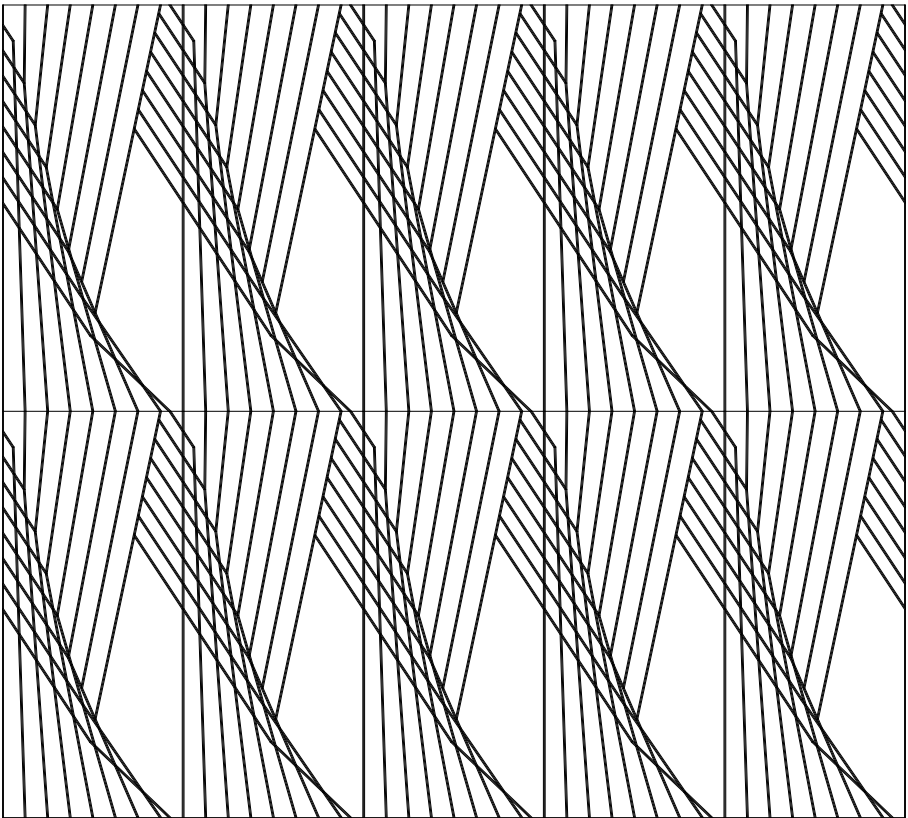
Layout 2



Layout 3

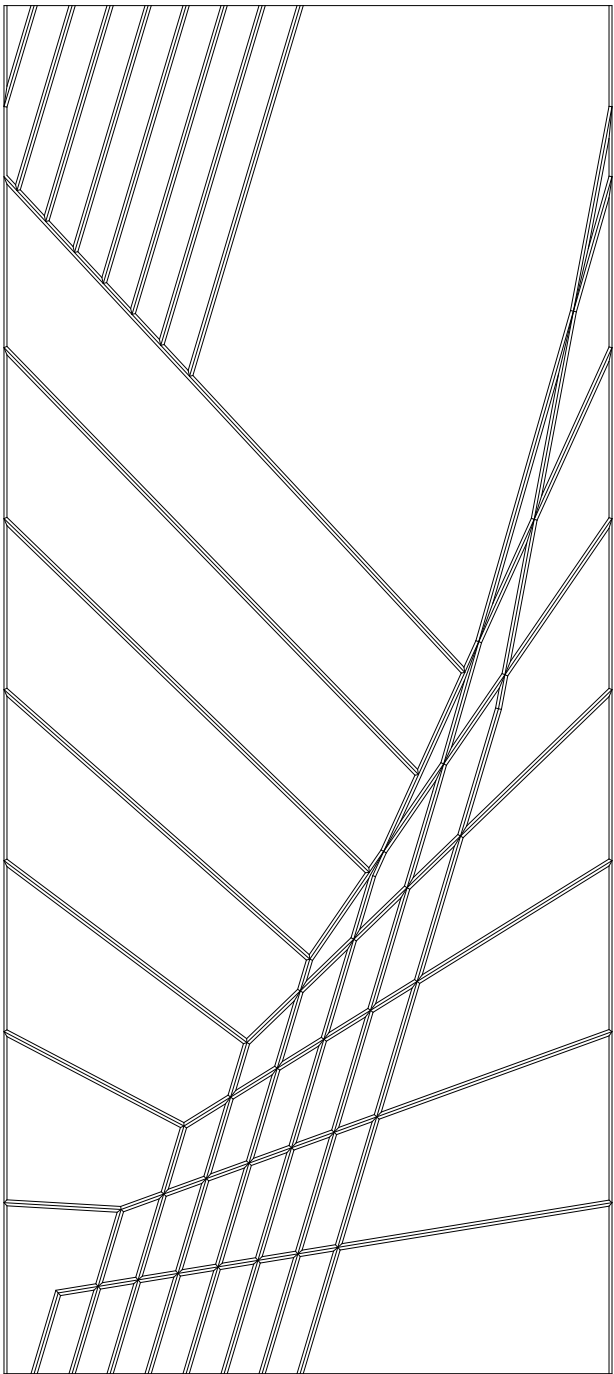


Layout 4



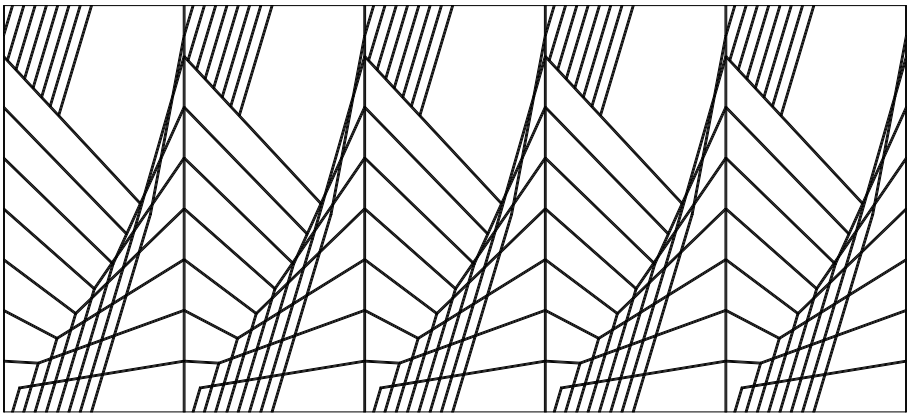
Prism Pattern

Prism

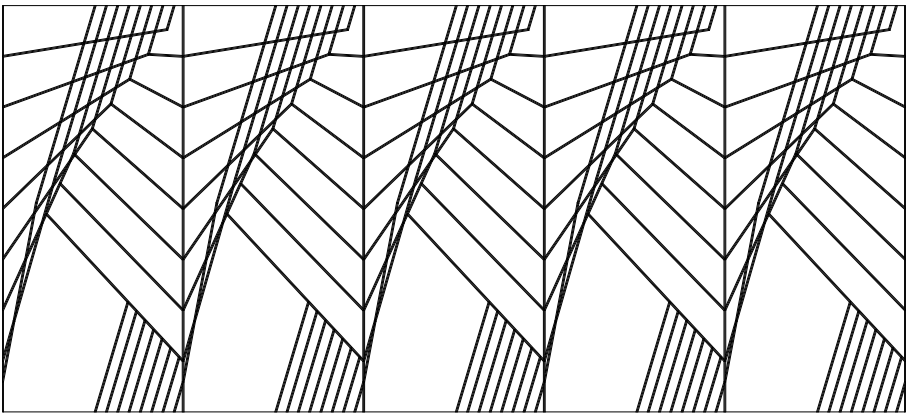


Recommended Layout

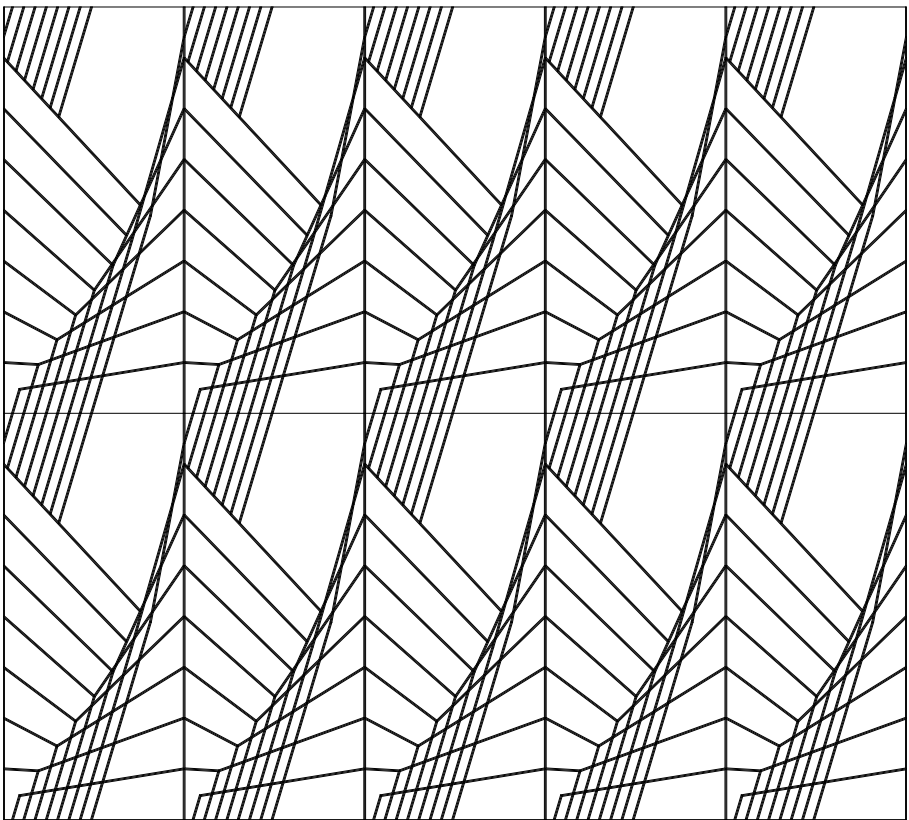
Layout 1



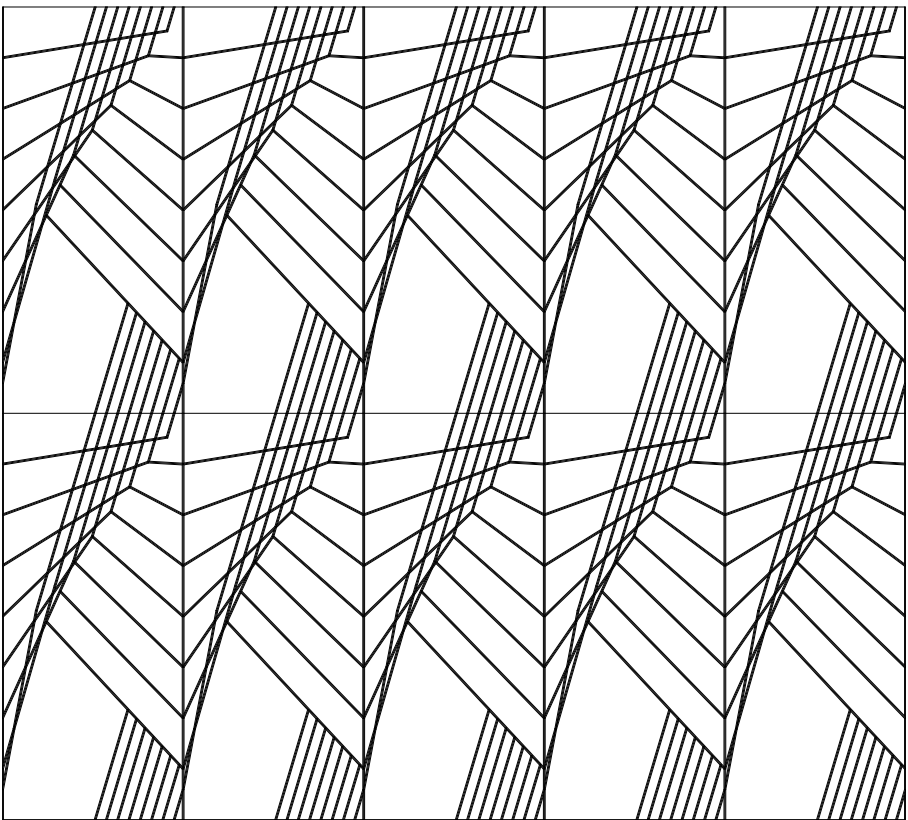
Layout 2



Layout 3

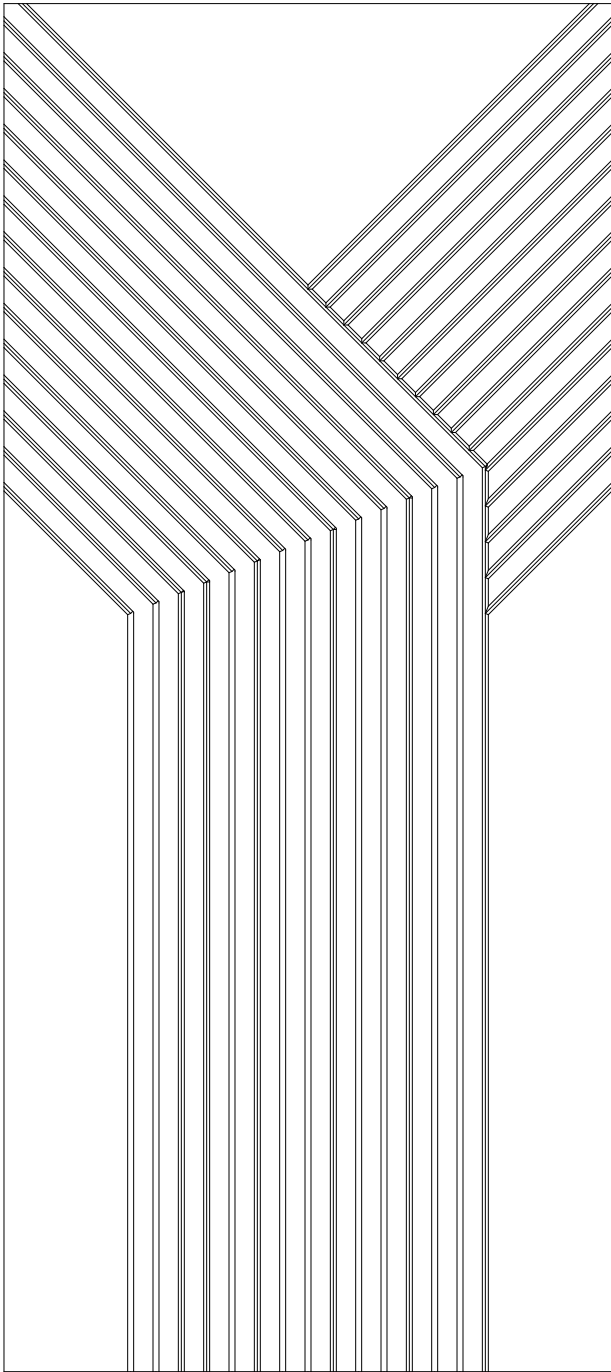


Layout 4



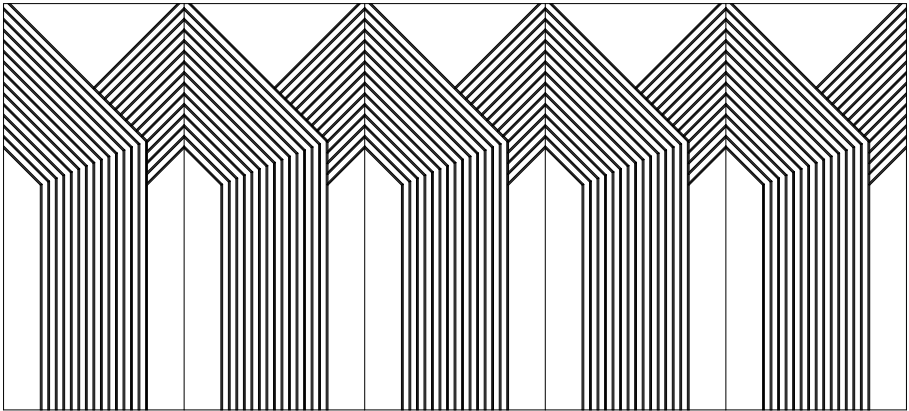
Rowhouse Pattern

Rowhouse

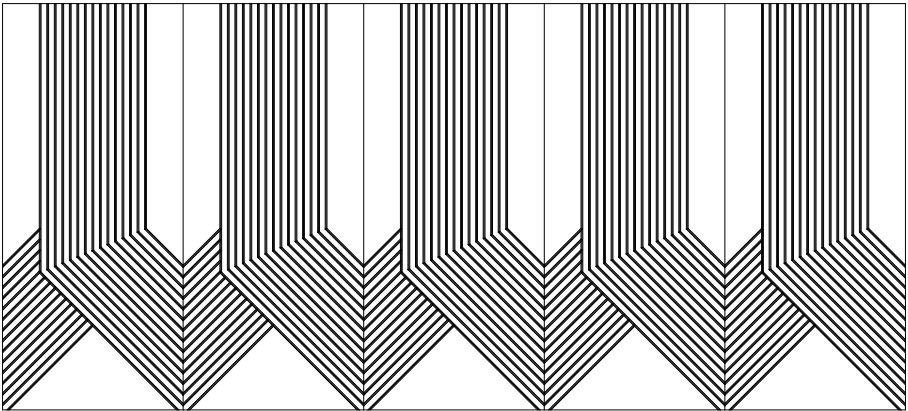


Recommended Layout

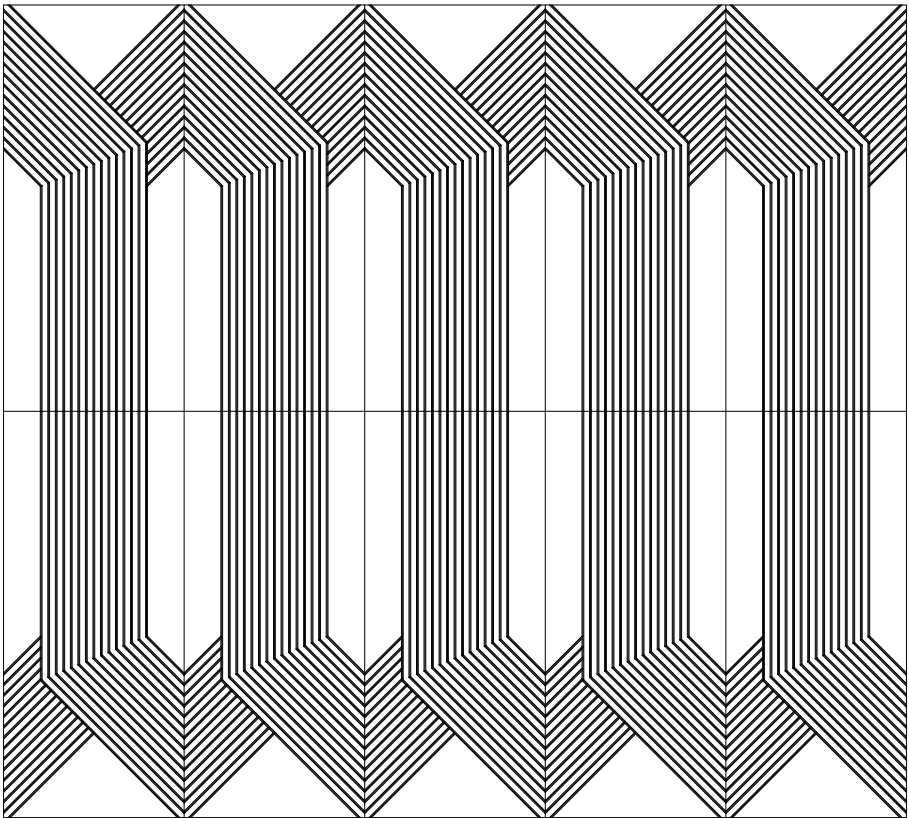
Layout 1



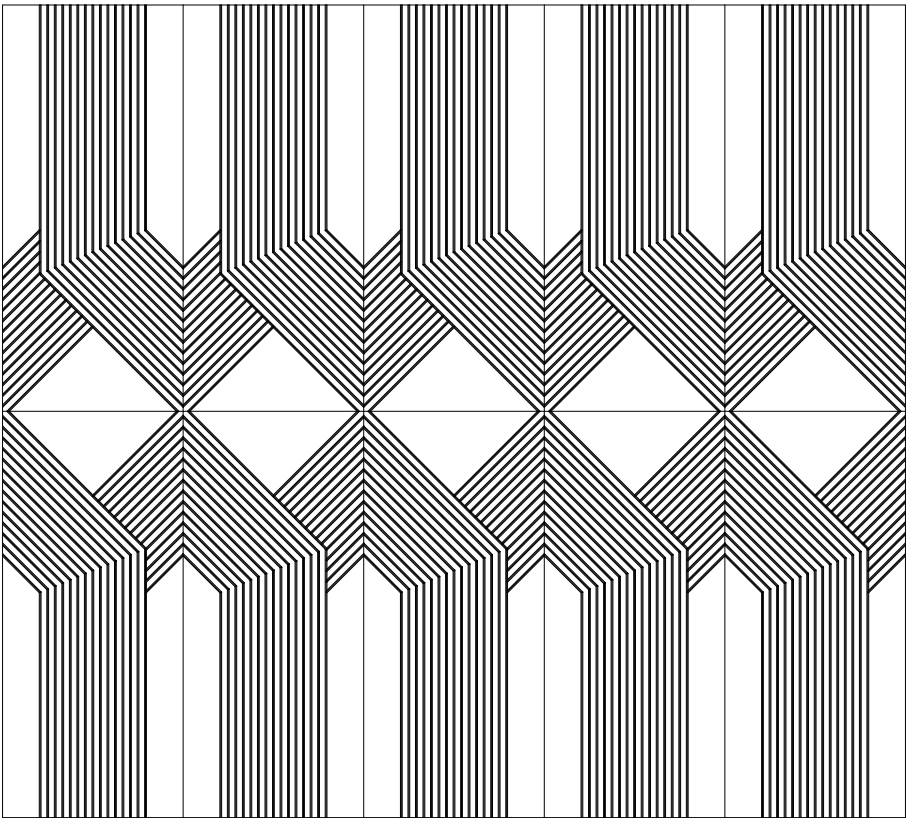
Layout 2



Layout 3

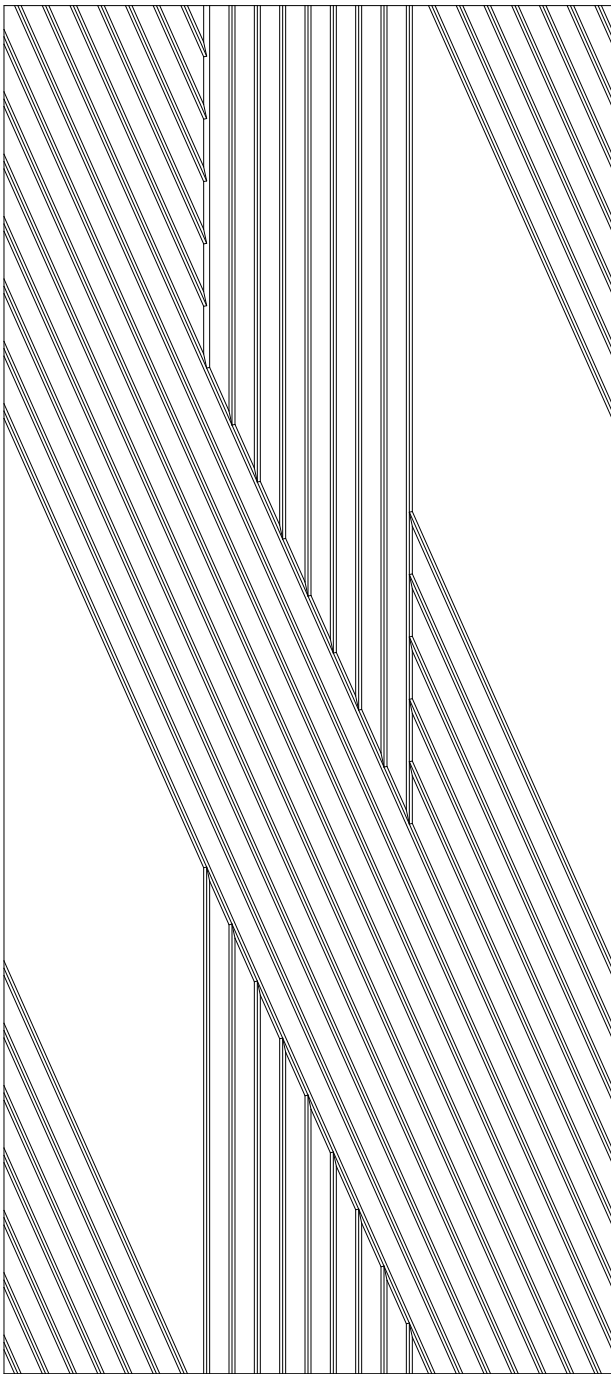


Layout 4



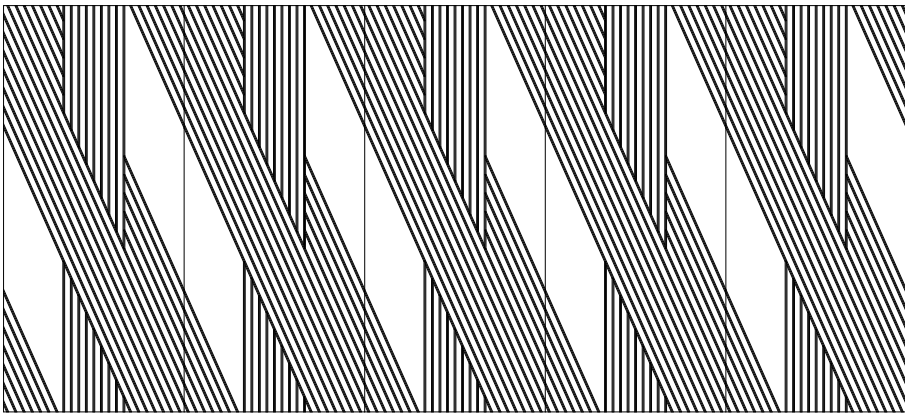
Intersect Pattern

Intersect

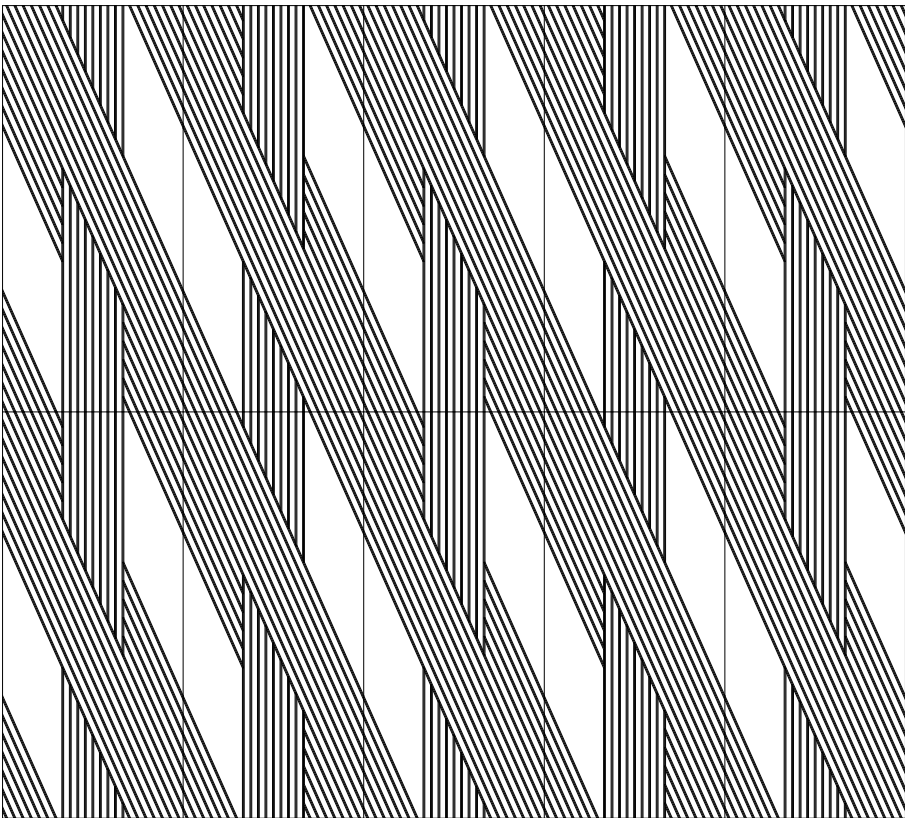


Recommended Layout

Layout 1

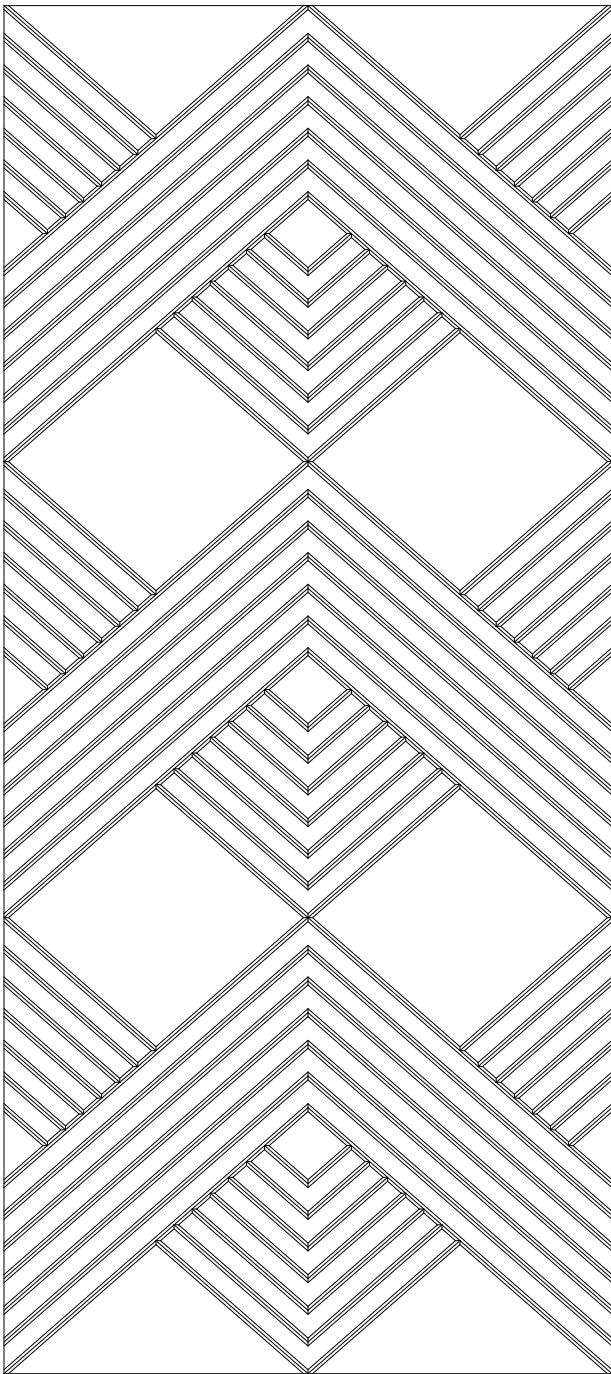


Layout 2



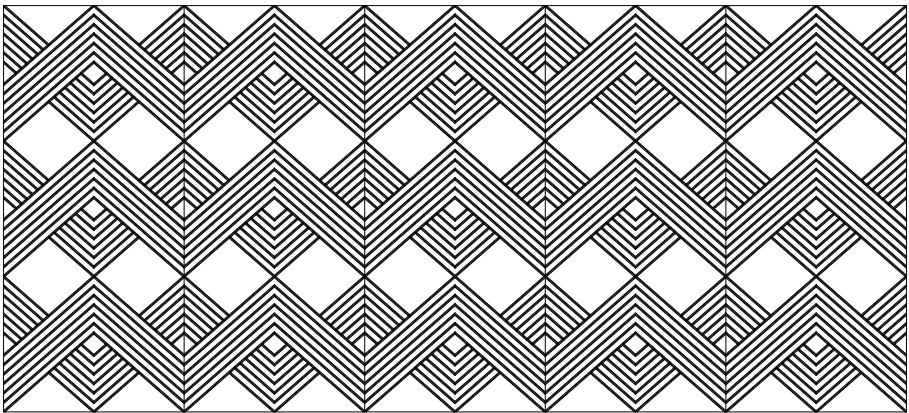
Knit Pattern

Knit

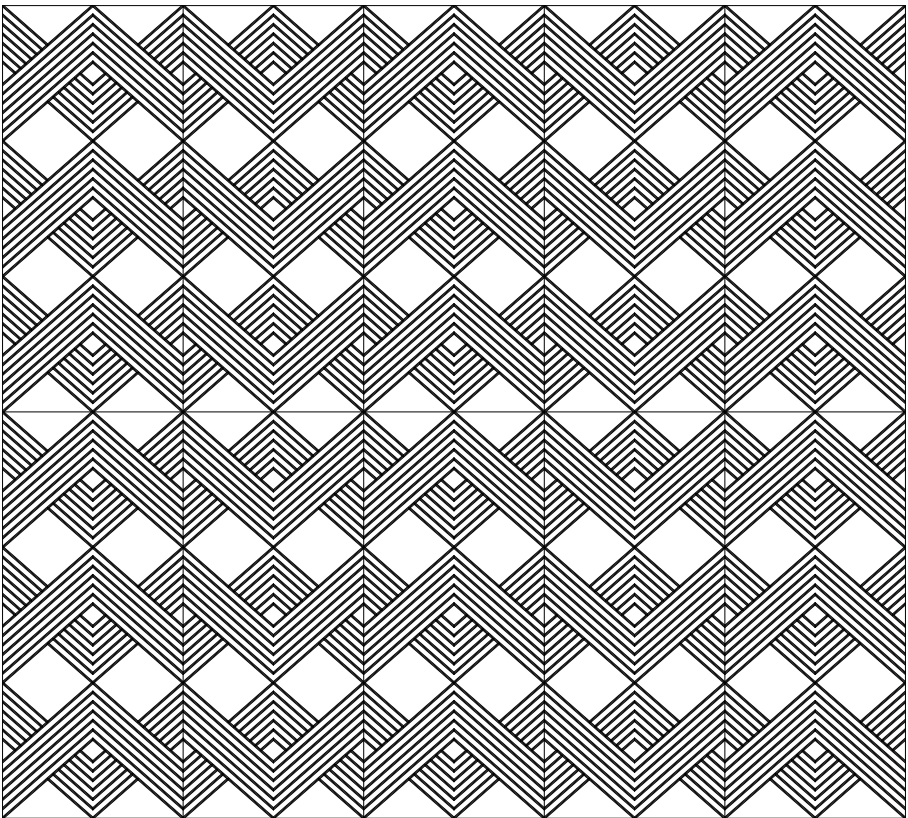


Recommended Layout

Layout 1

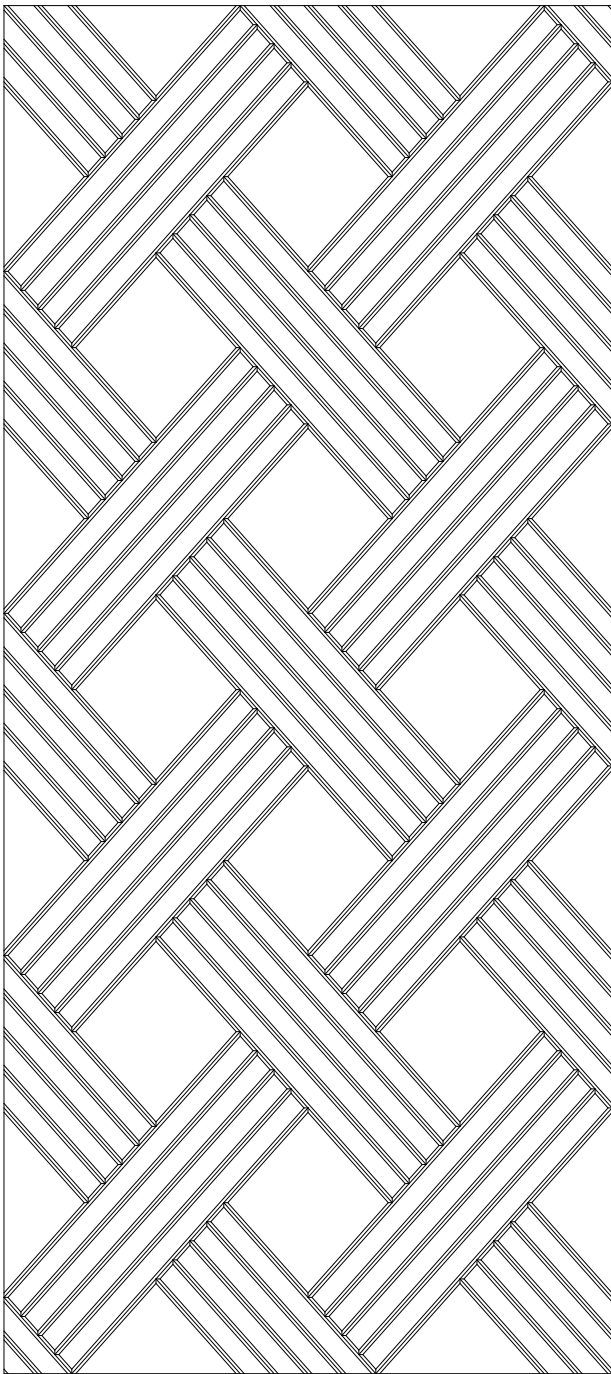


Layout 2



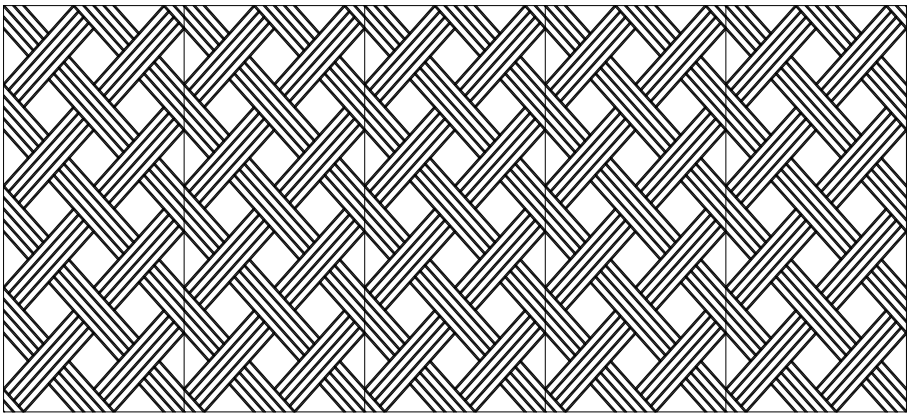
Lattice Pattern

Lattice

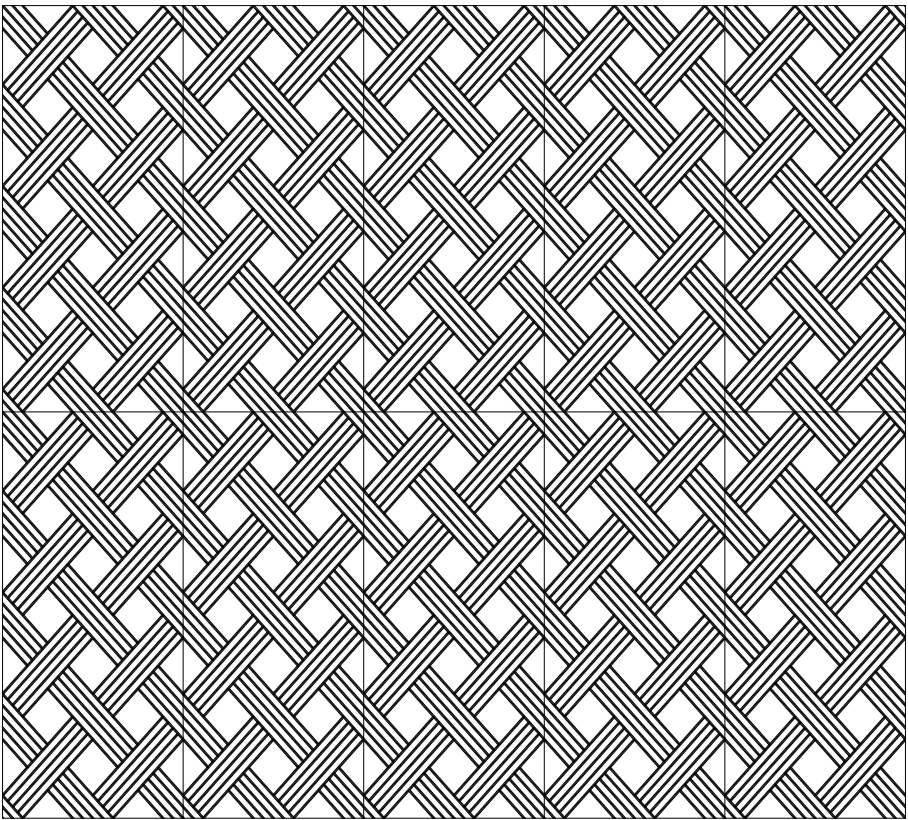


Recommended Layout

Layout 1

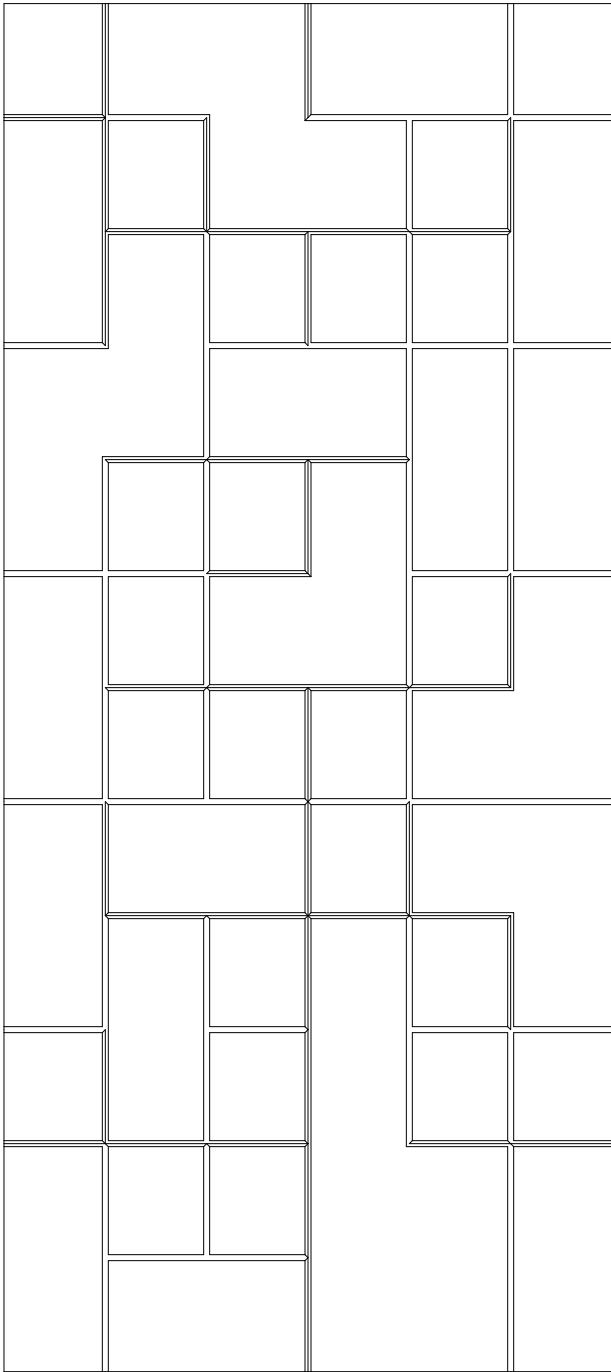


Layout 2



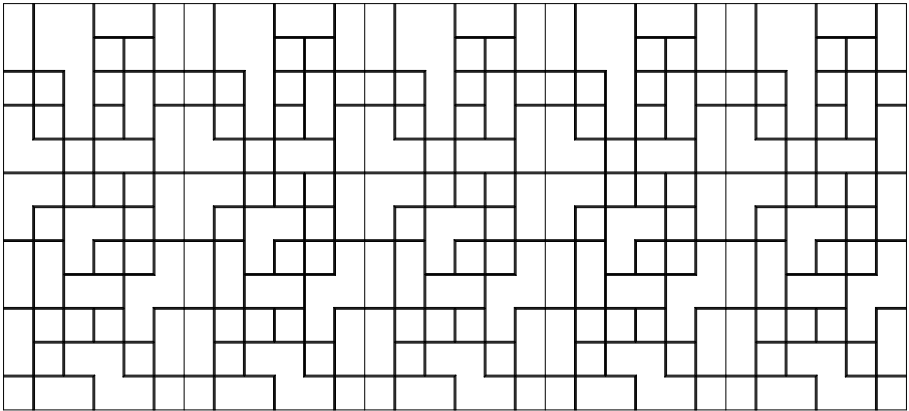
Maze Pattern

Maze

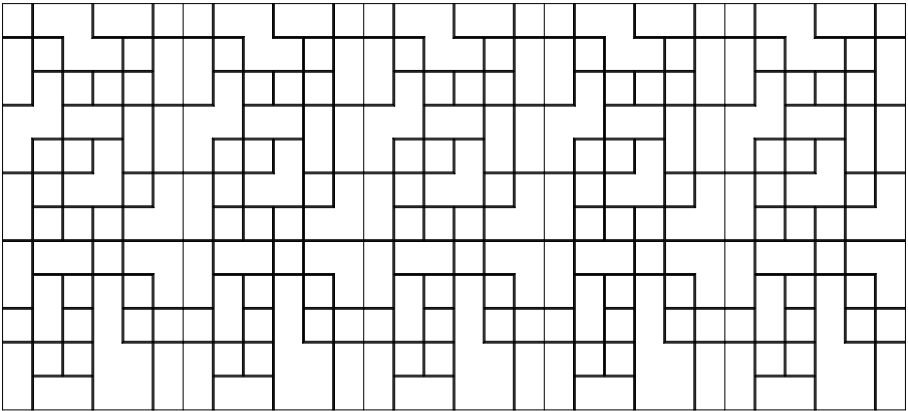


Recommended Layout

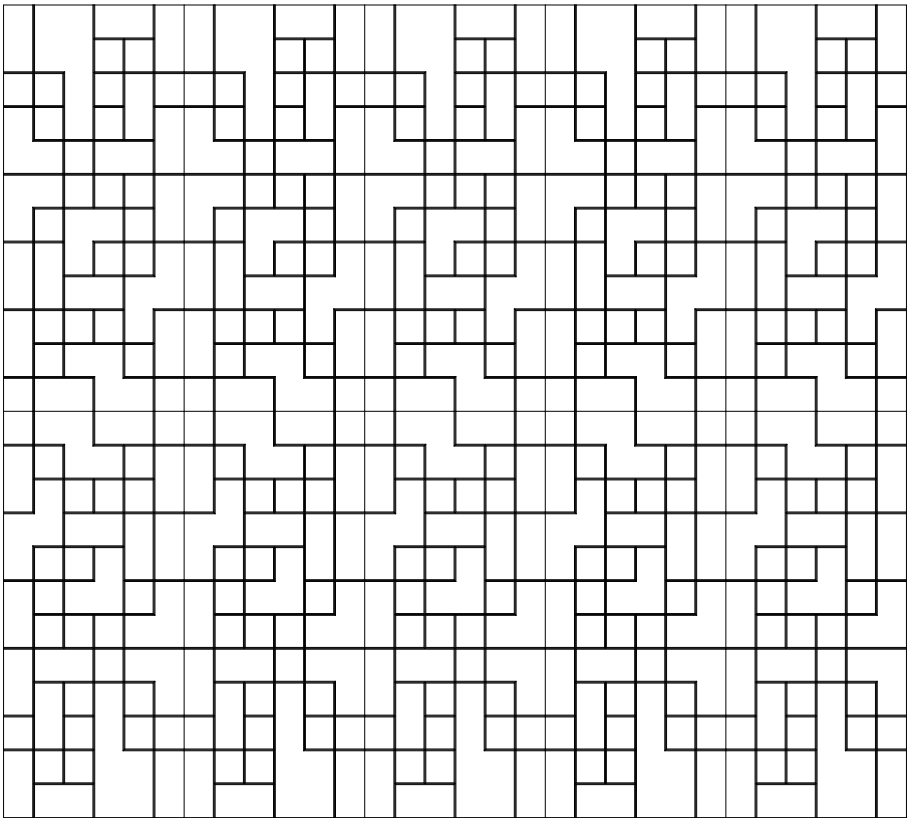
Layout 1



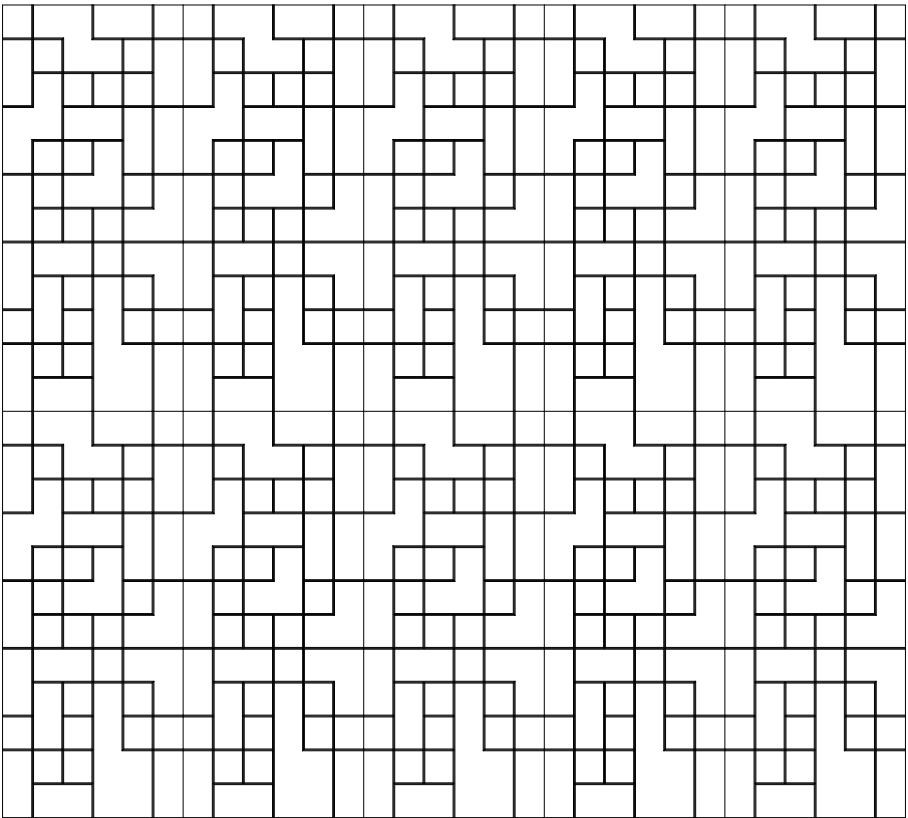
Layout 2



Layout 3

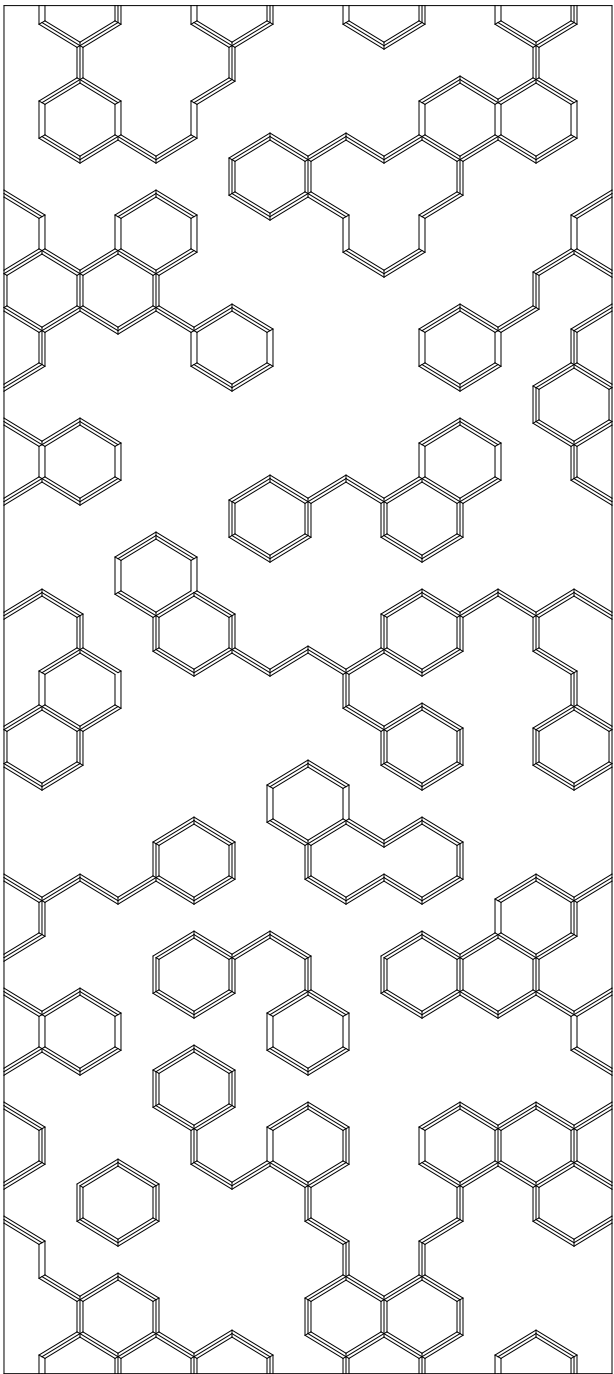


Layout 4



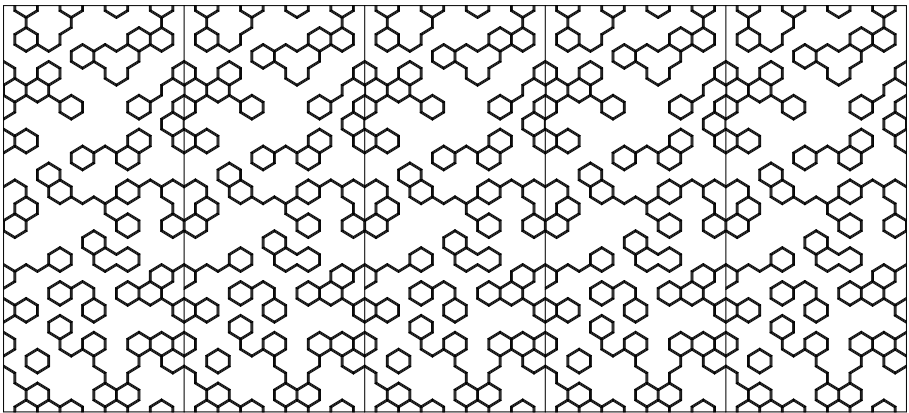
Formula Pattern

Formula

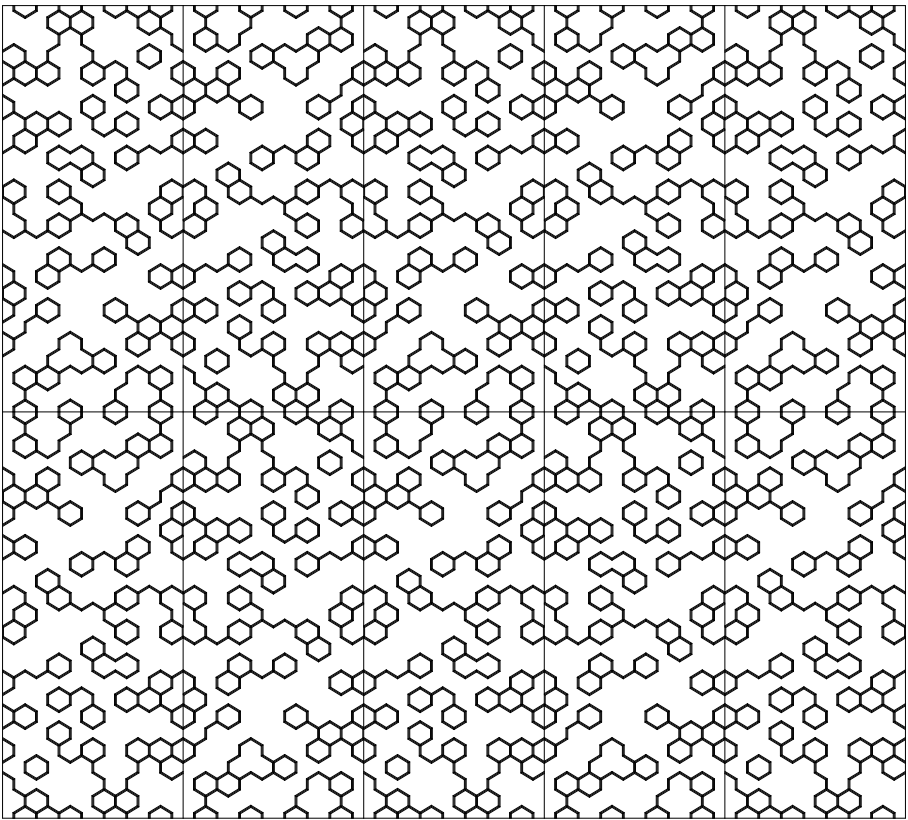


Recommended Layout

Layout 1

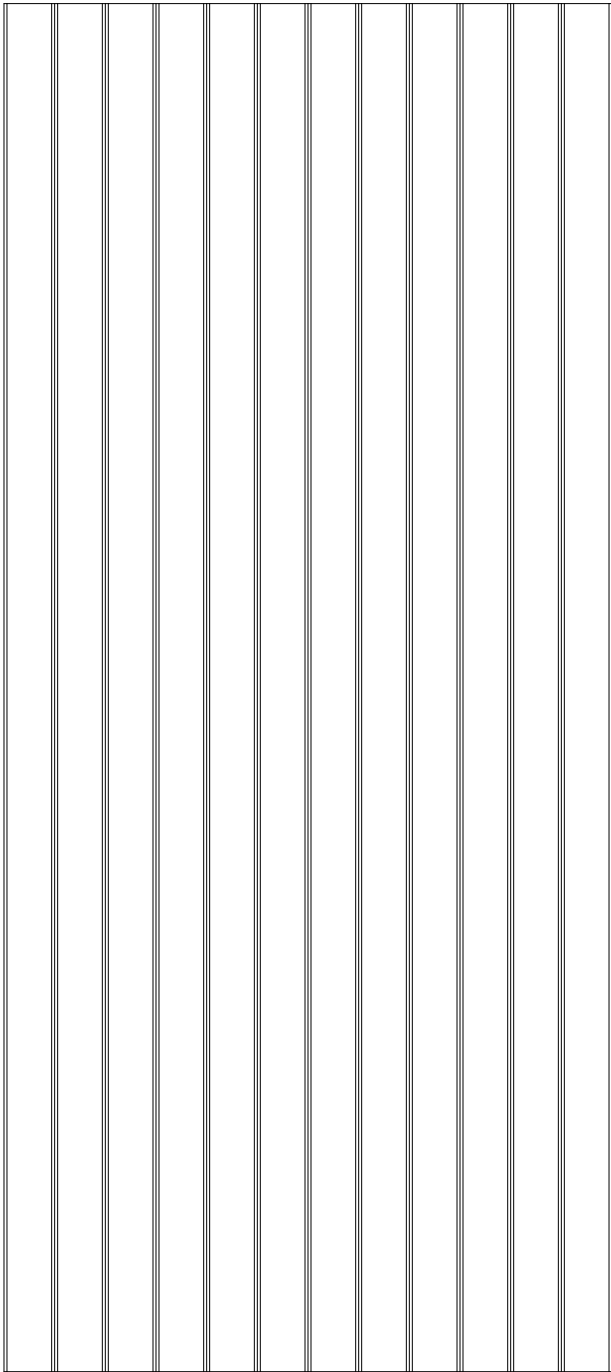


Layout 2



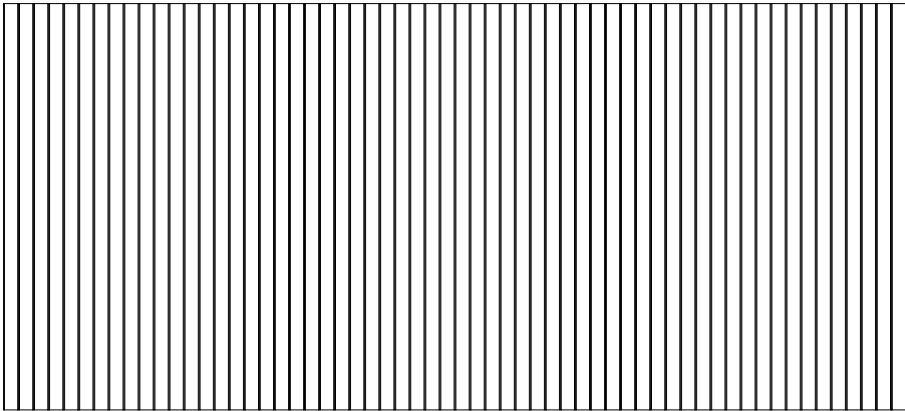
Fineline Pattern

Fineline

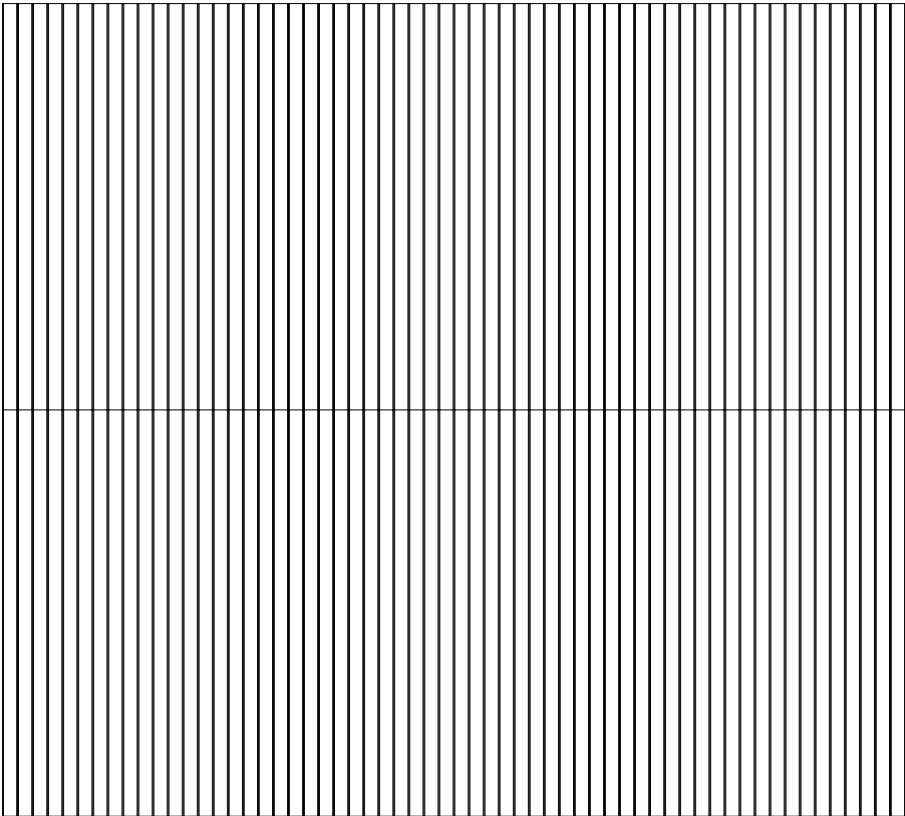


Recommended Layout

Layout 1

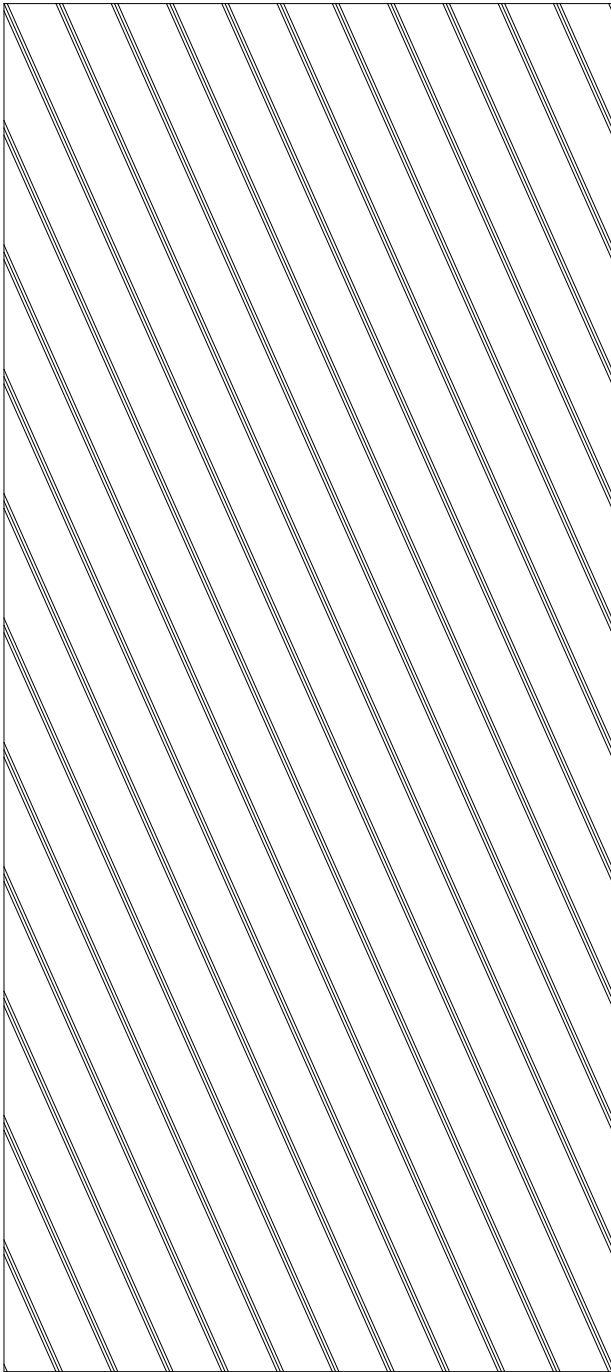


Layout 2



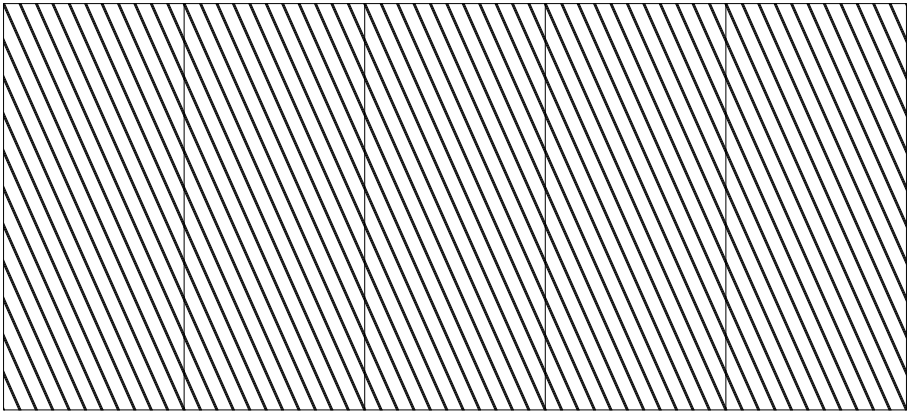
Diagonal Pattern

Diagonal

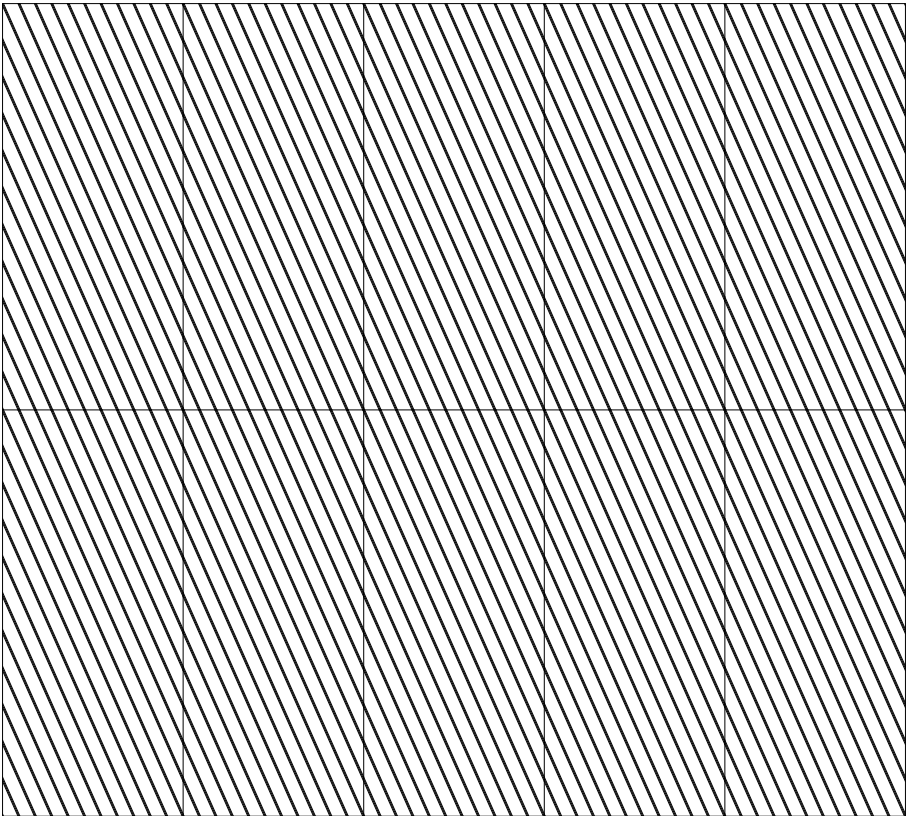


Recommended Layout

Layout 1

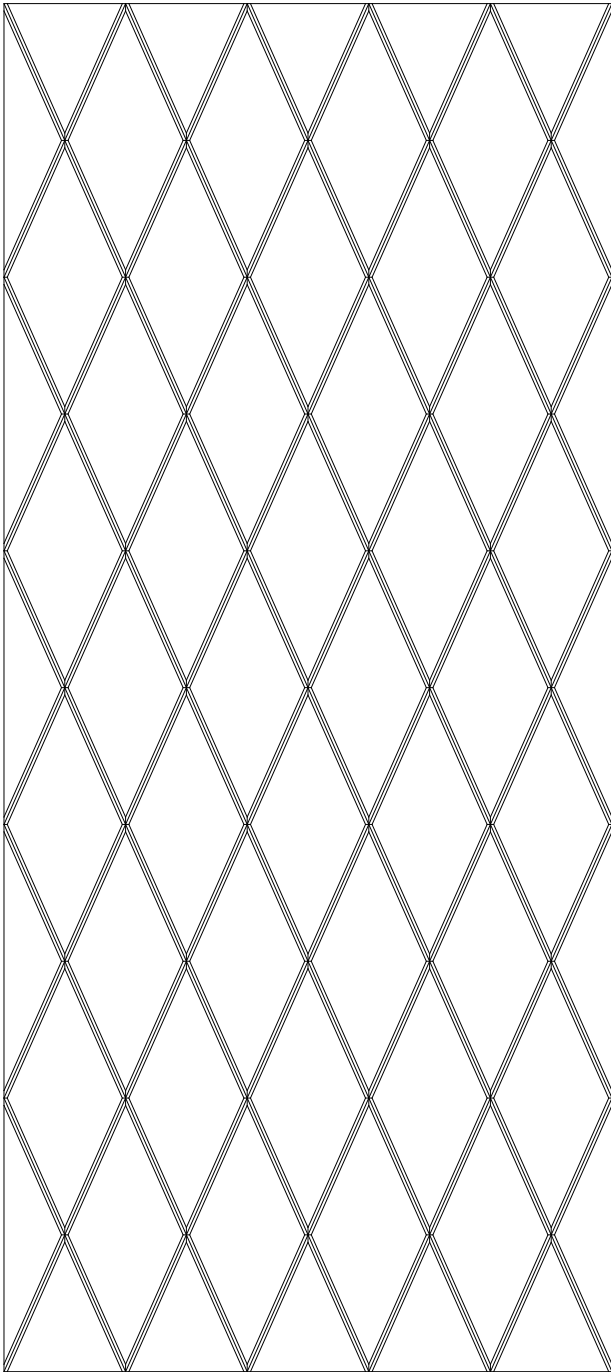


Layout 2



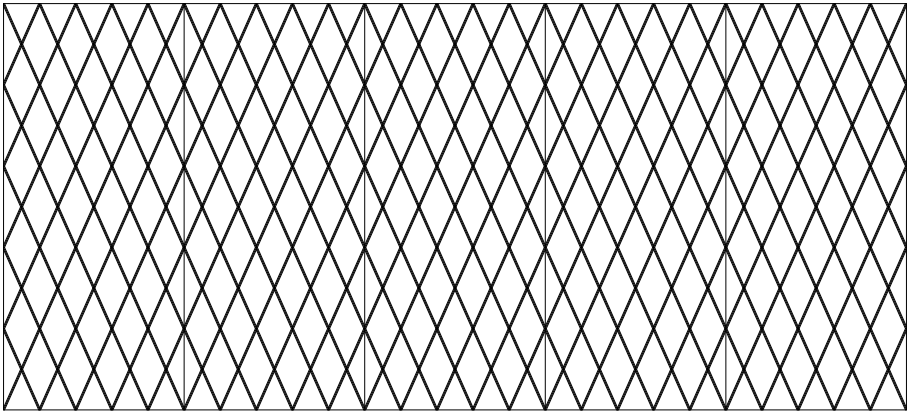
Trellis Pattern

Trellis

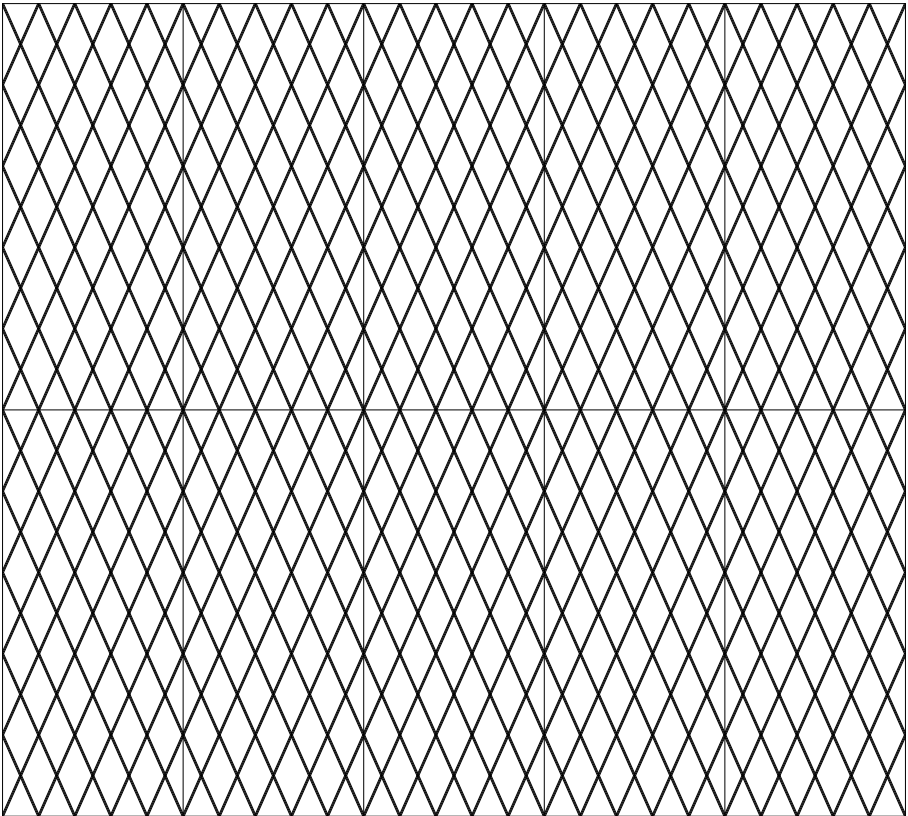


Recommended Layout

Layout 1

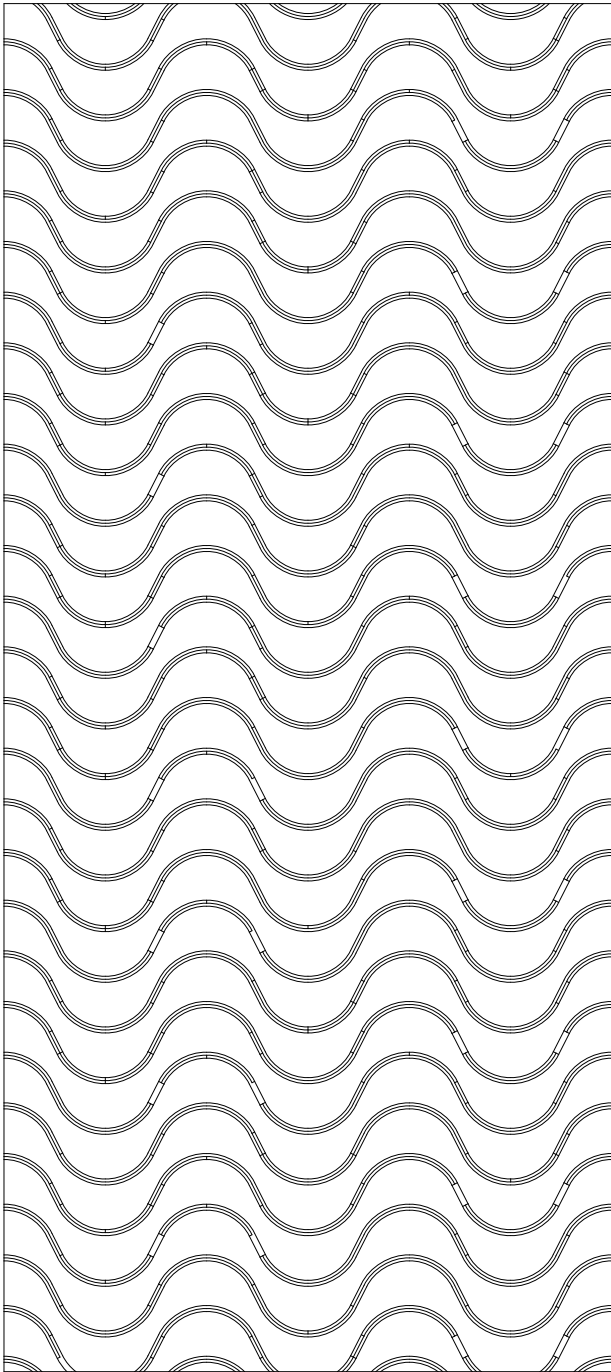


Layout 2



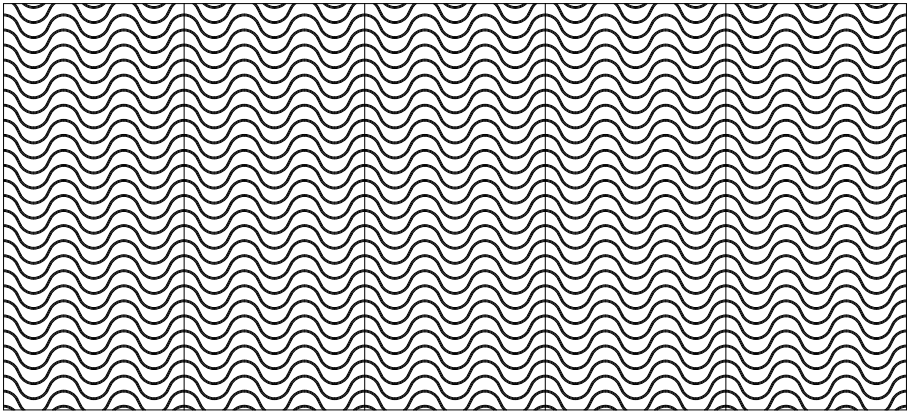
Wavelength Pattern

Wavelength

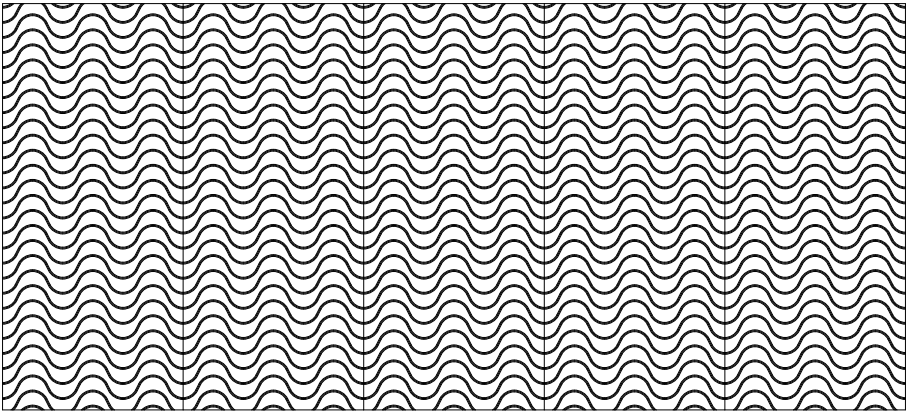


Recommended Layout

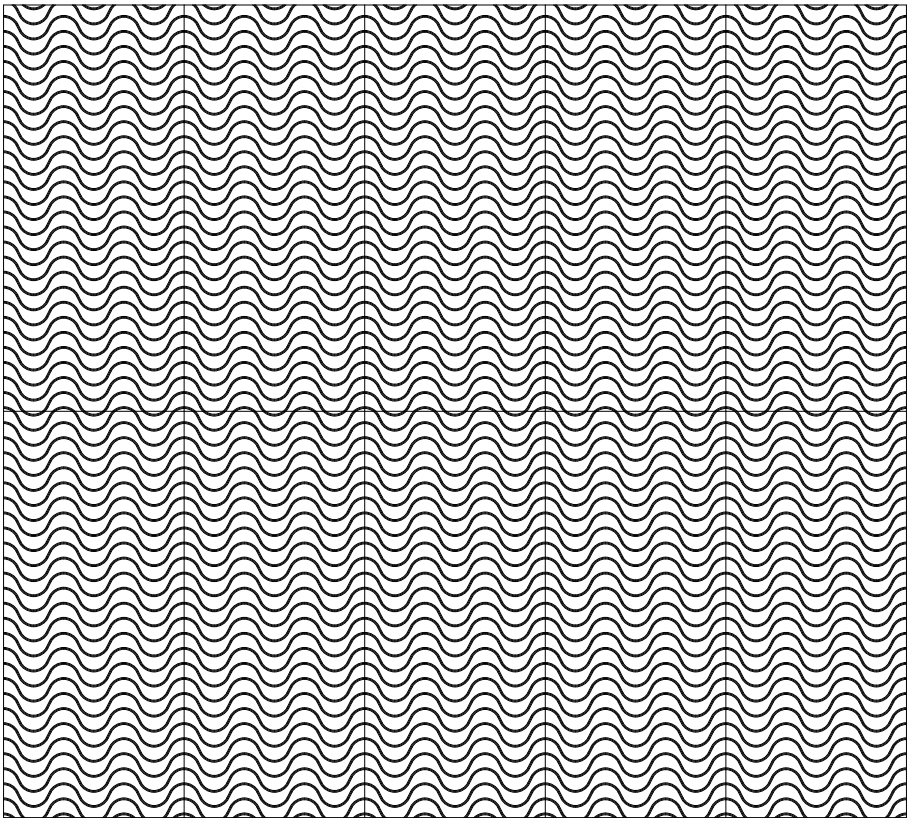
Layout 1



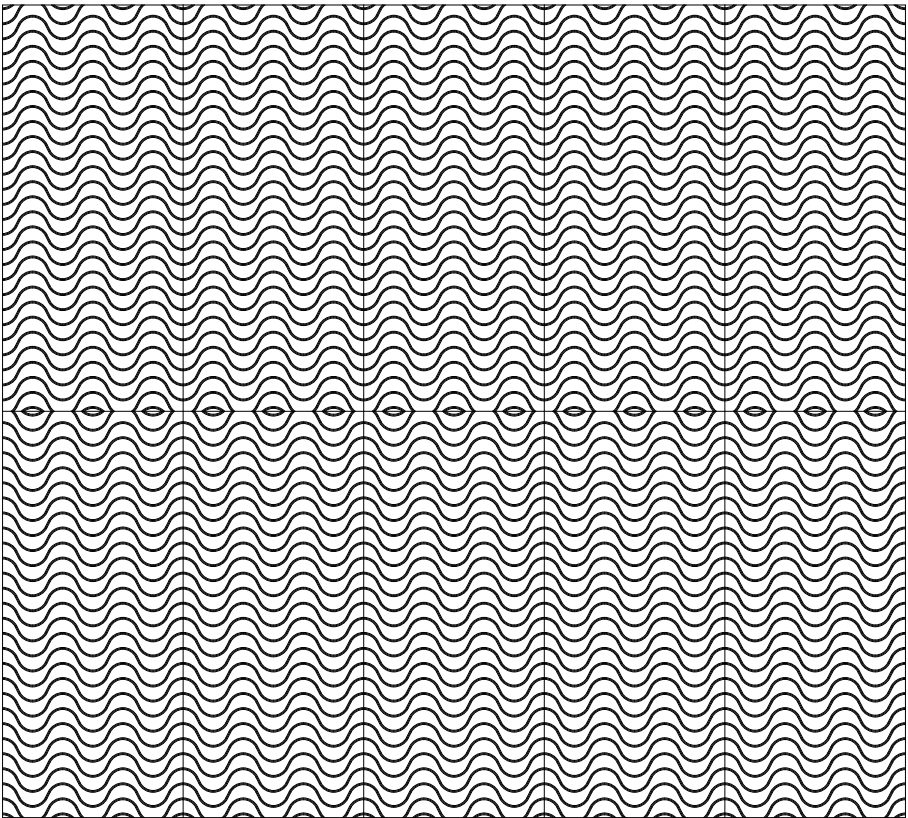
Layout 2



Layout 3

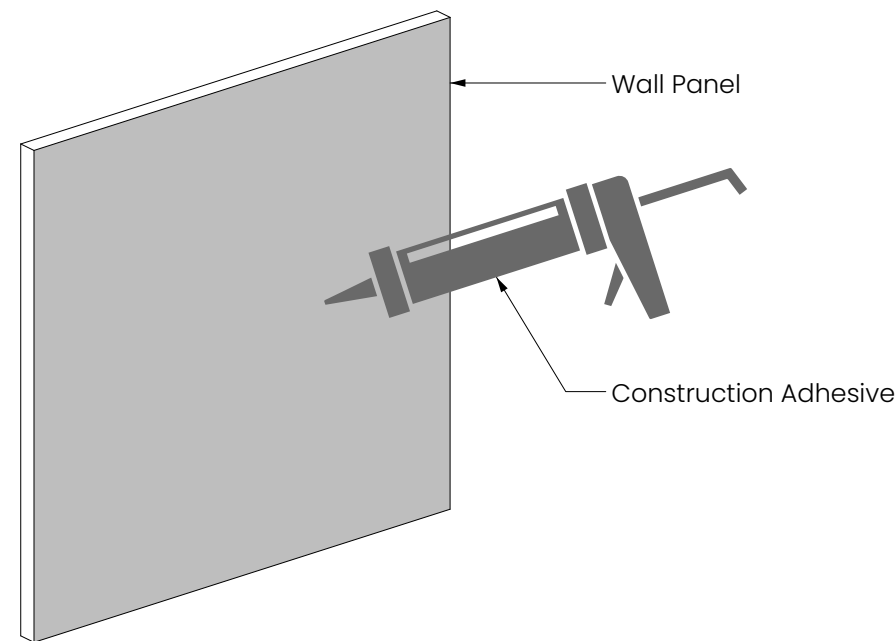


Layout 4

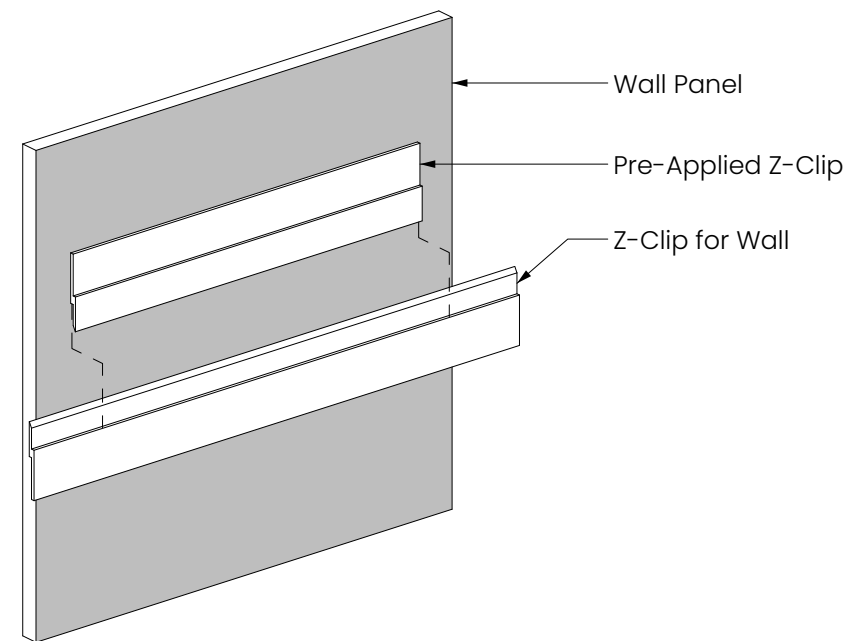


Mounting Methods

Construction Adhesive



Z-Clip Mount



Distributed by



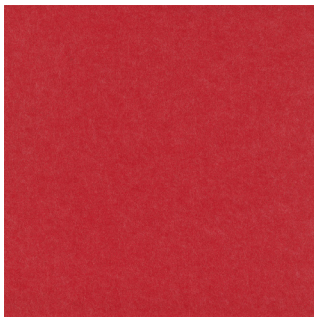
NSW
📍 65A Stephen Road
Botany New South Wales 2019
☎ (02) 9666 6688
✉ sales@grayking.com.au

QLD
☎ (07) 3267 6222
✉ sales@grayking.com.au

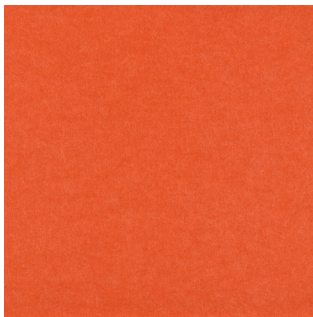
Colorways



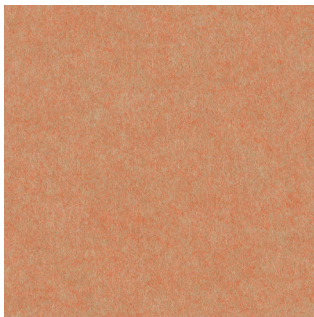
Peppercorn



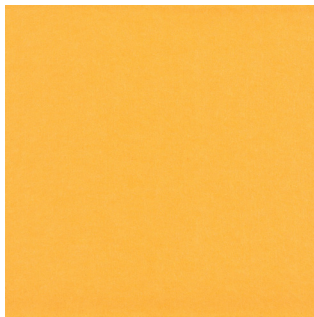
Lipstick Red



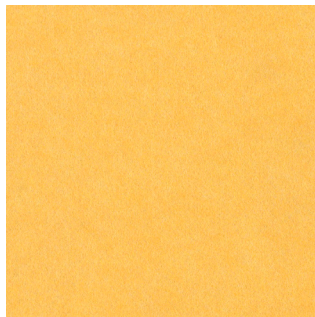
Carrot



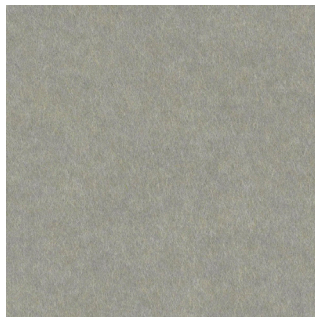
Peach



Butter



Popcorn



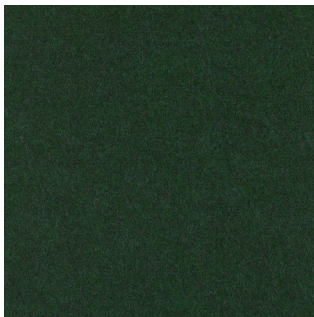
Pistachio



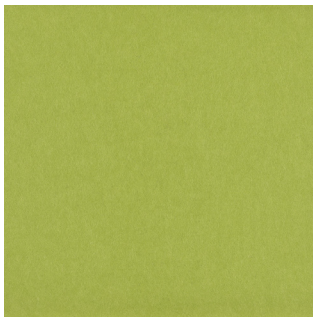
Thistle



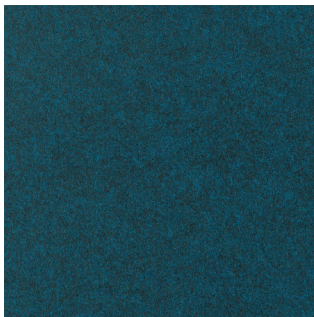
Oregano



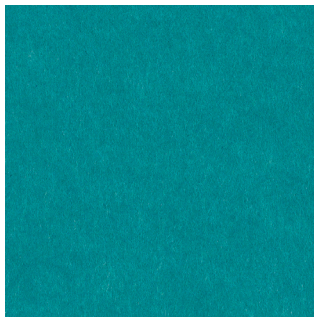
Kale



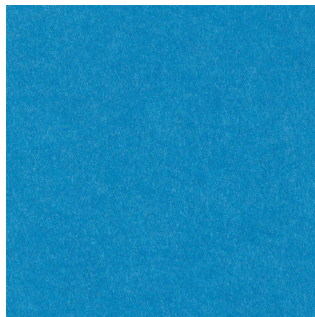
Wasabi



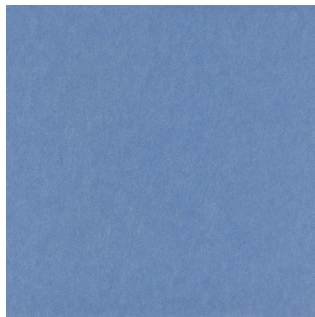
Denim



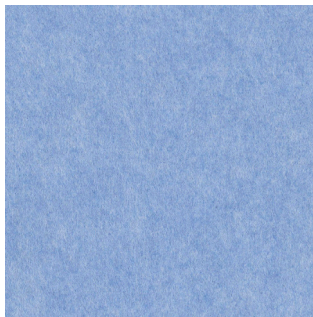
Peacock



Azur



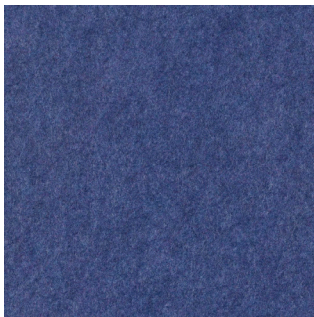
Marine



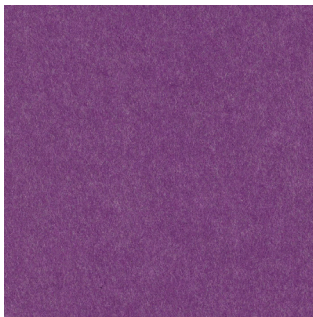
Periwinkle



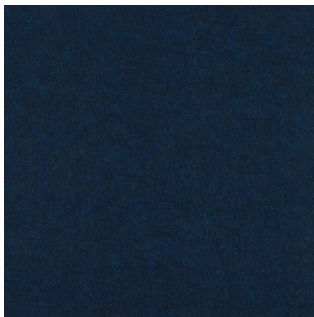
Lilac



Iris



Berry



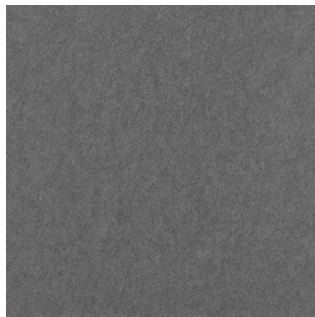
Midnight



Piano Black



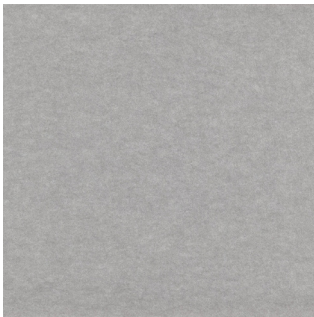
Charcoal



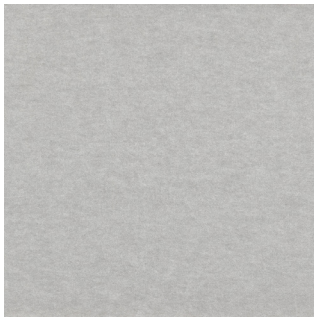
Slate



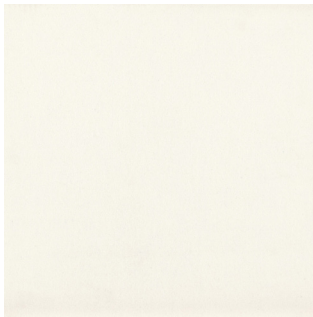
Grey



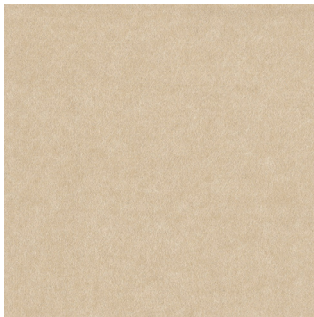
Metal



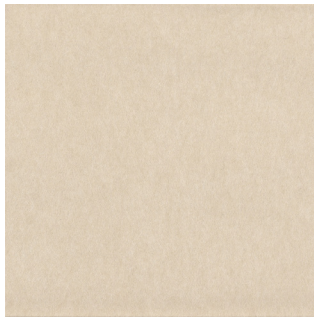
Platinum



White



Ivory



Pearl