



Fracture Panels

FilaSorb™ 12

acoufelt
making quiet

Product Detail

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2400gsm
Thickness	12mm +/- 10%
Dimensions	1200 x 2800mm Custom size available upon request

Sustainability



Made from 60% min. recycled content



Declare Red List Free (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end of lifespan



Total VOC's less than 0.5 mg/m³ (3rd Party Verified)



Technical Data

Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number	Group 1
SMOGRARC (in m2/s2 x 1000)	0.93
Fire test method	ASTM E48
Classification	Class A
Flame spread index	15
Smoke developed index	200
Fire test method	EN 13501-1: 2019
Classification	B-s1, d0
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m ³
Colorfastness test method	ISO 105-B02
Rating	6-7

Guarantees

Warranty against defects	20 years*
Colorfastness warranty	20 years*
	*conditions apply

QuickShip

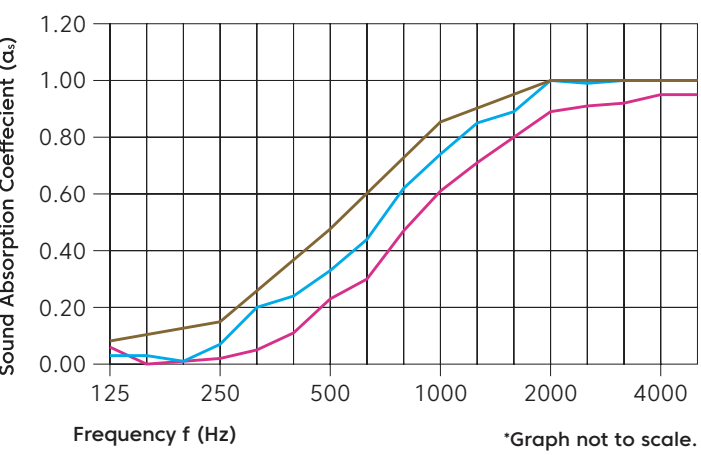


QuickShip Standard
(Made to Order)

Our standard made to order products have an approx. **2-3 week** lead time from payment and order confirmation.

Acoustic Performance

Test method	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room
Installation method	A, tested with no air gap, 12mm air gap, 20mm air gap
Rating method	ISO 11654-1997 Acoustic – sound absorbers for use in buildings – rating of sound absorption
Test results	NRC 0.45 no air gap NRC 0.54 12mm air gap NRC 0.64 20mm air gap SAA 0.43 no air gap SAA 0.54 12mm air gap

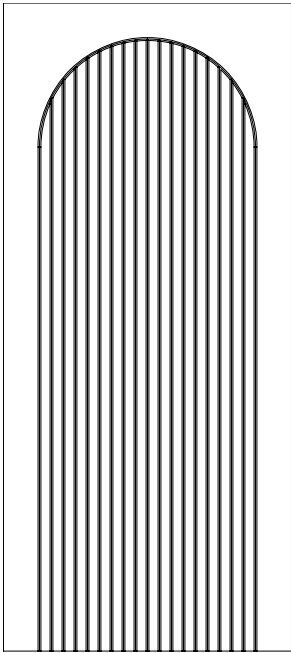


Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
αs 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
αs 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64

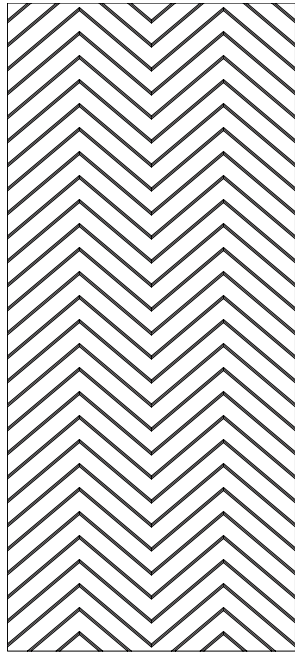
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results. **Sound Absorption Average (SAA)** indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz



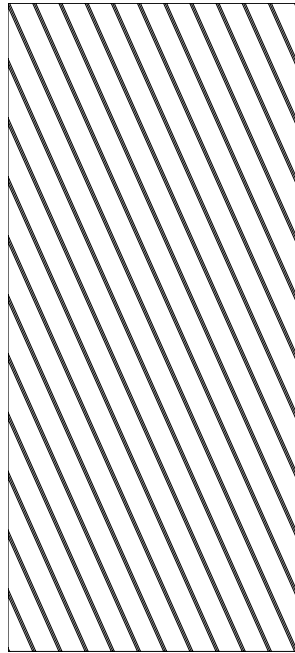
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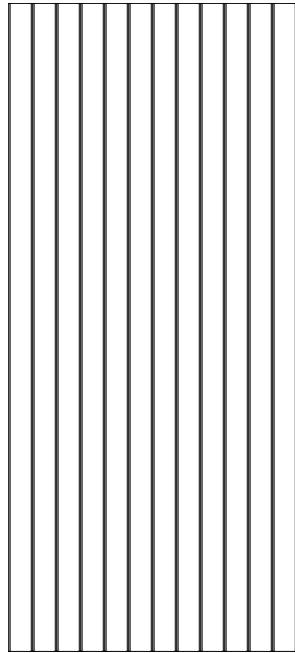
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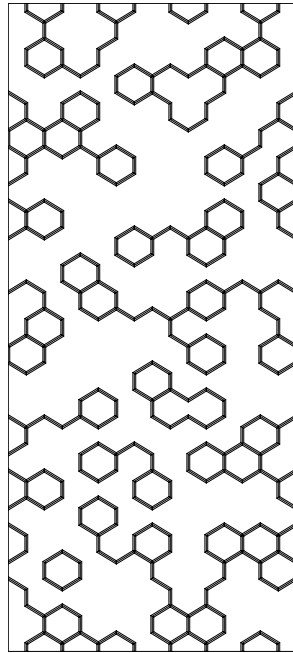
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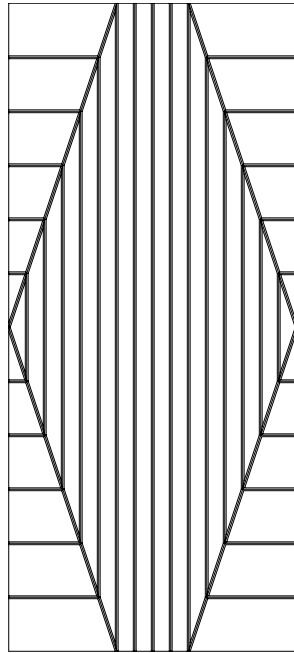
Diagonal



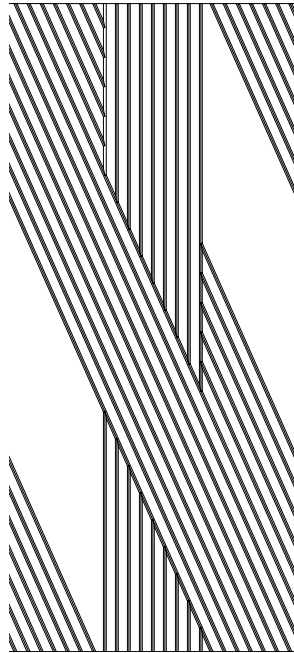
Fineline



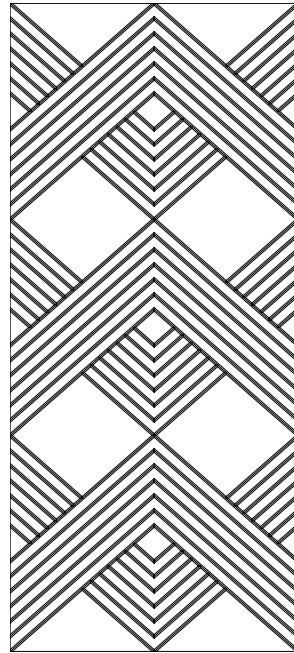
Formula



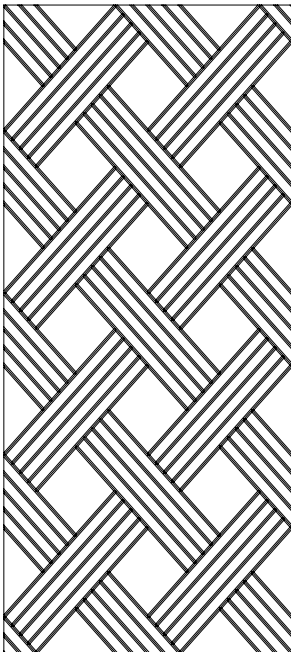
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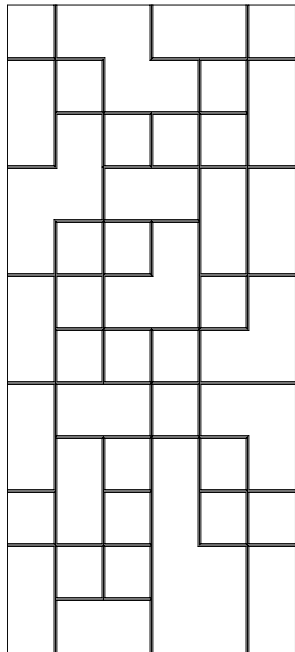
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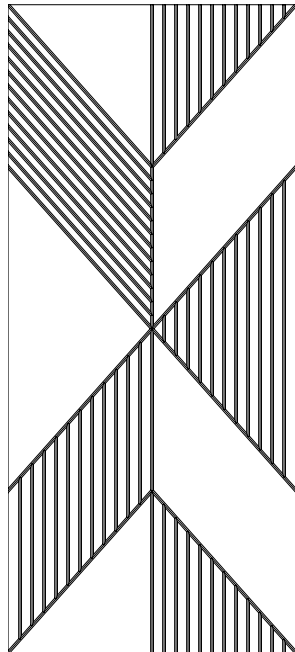
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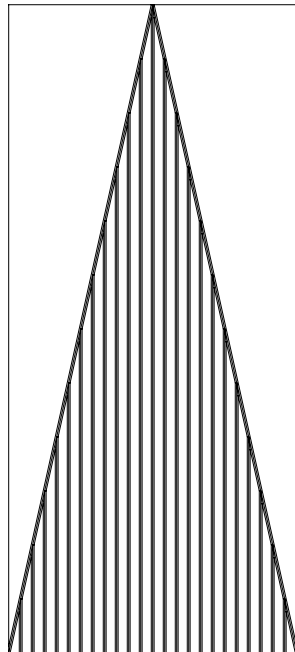
Lattice



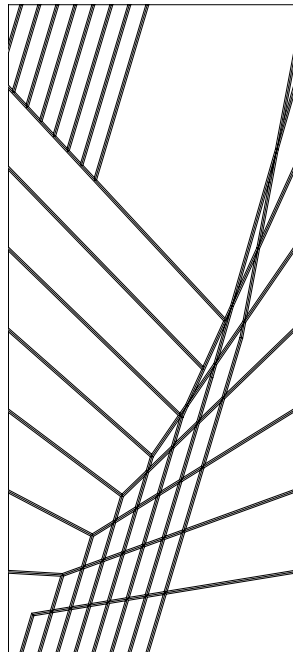
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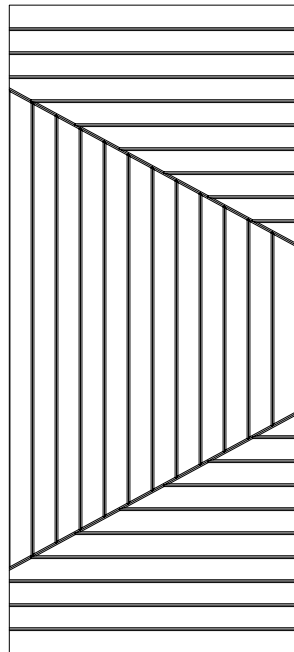
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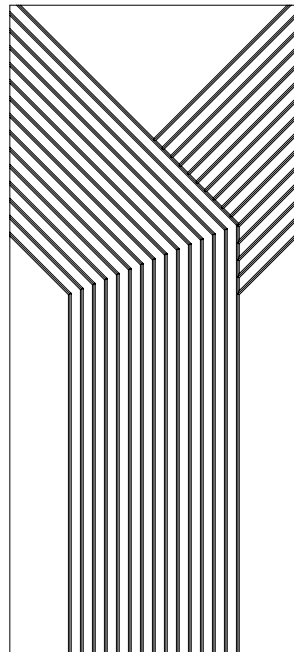
Pennant



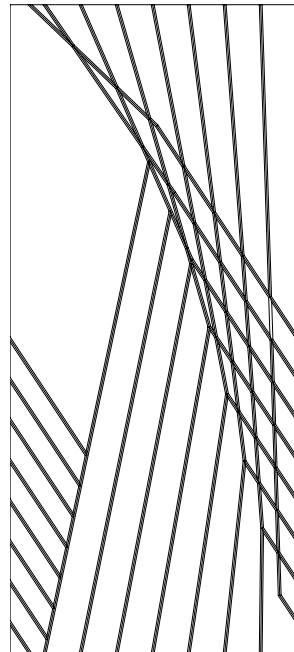
Prism



Pulse

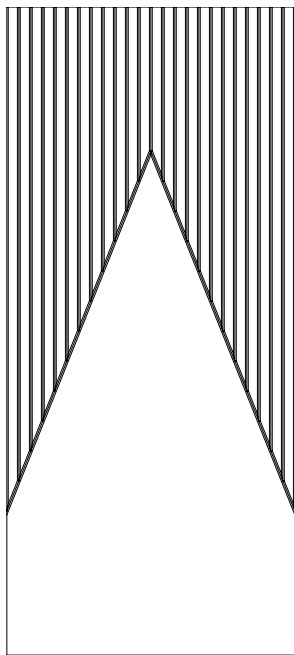


Rowhouse

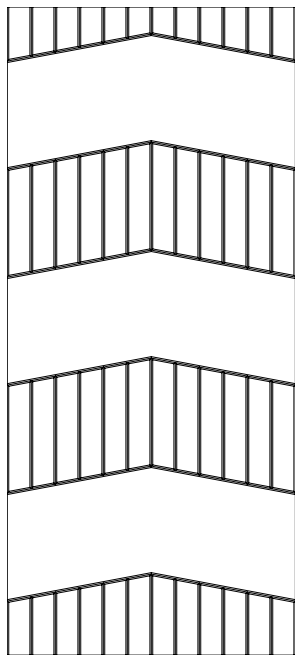


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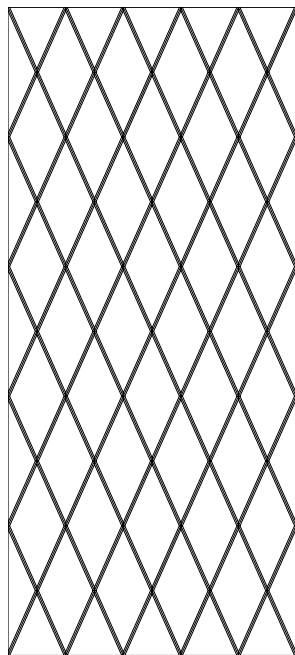
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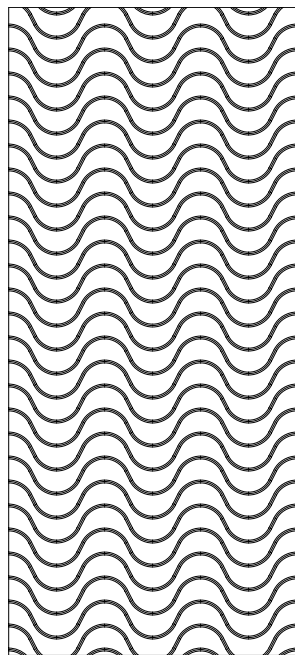
Summit



Track

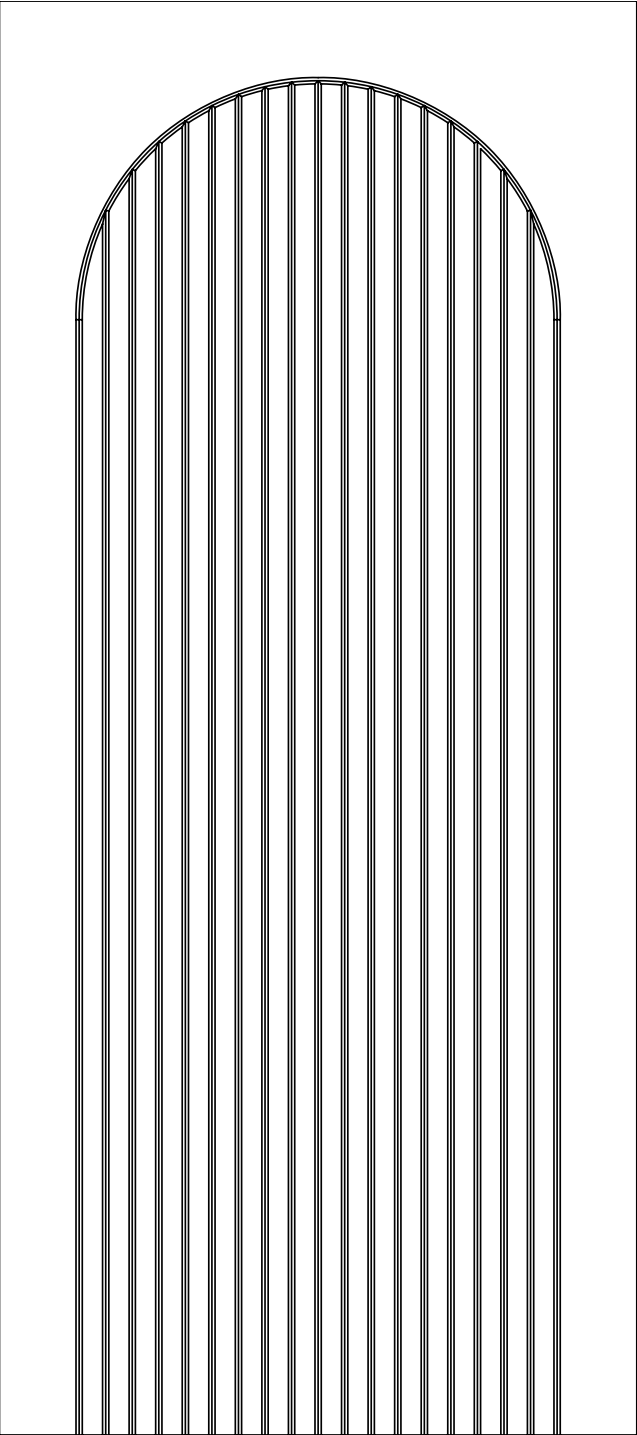


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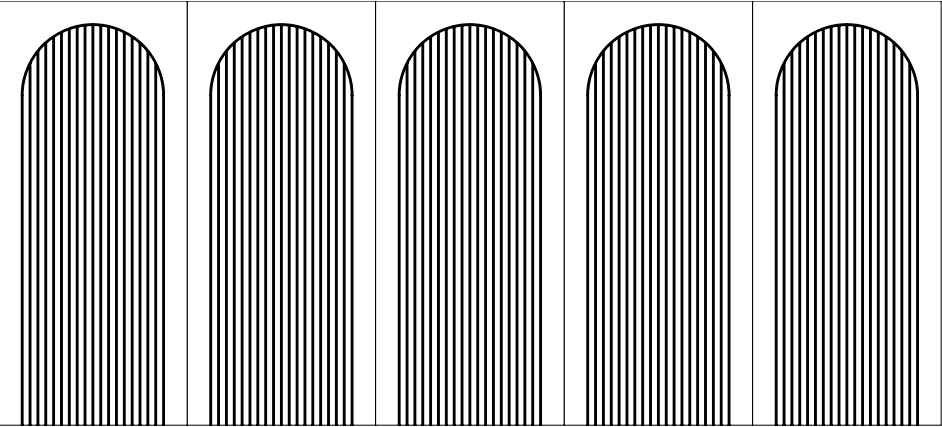


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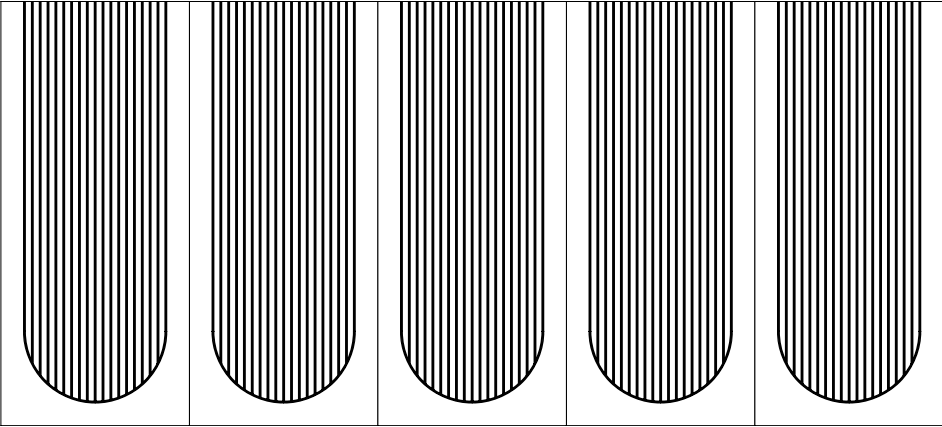
Arch Pattern



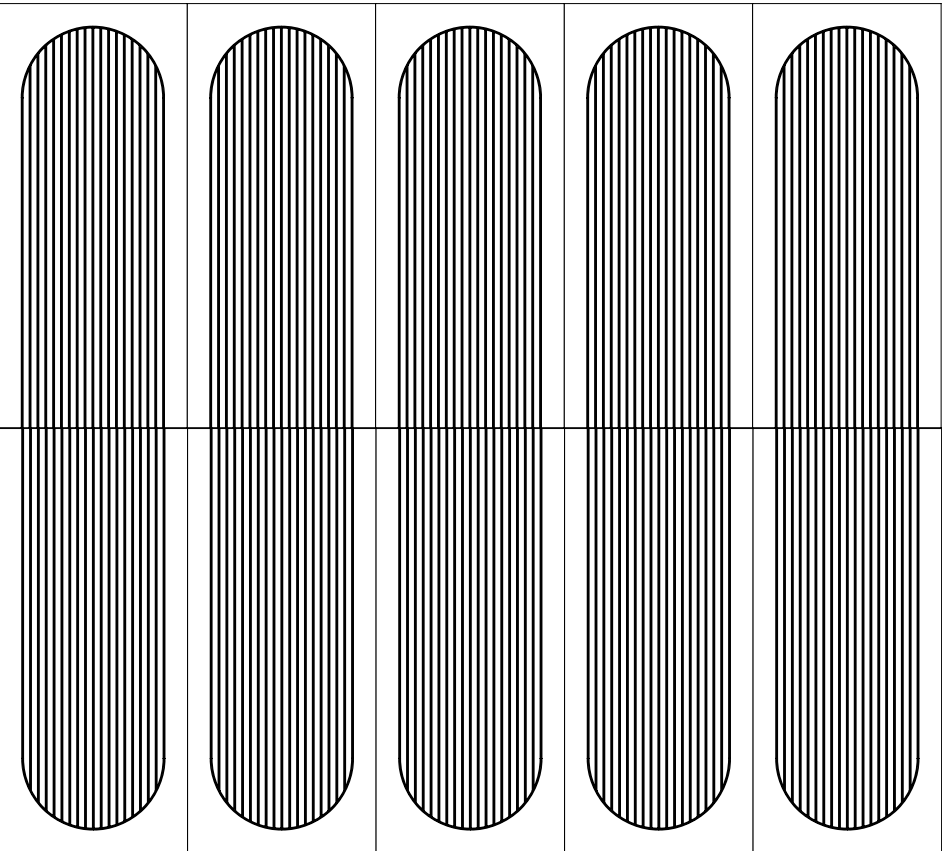
Recommended Layouts



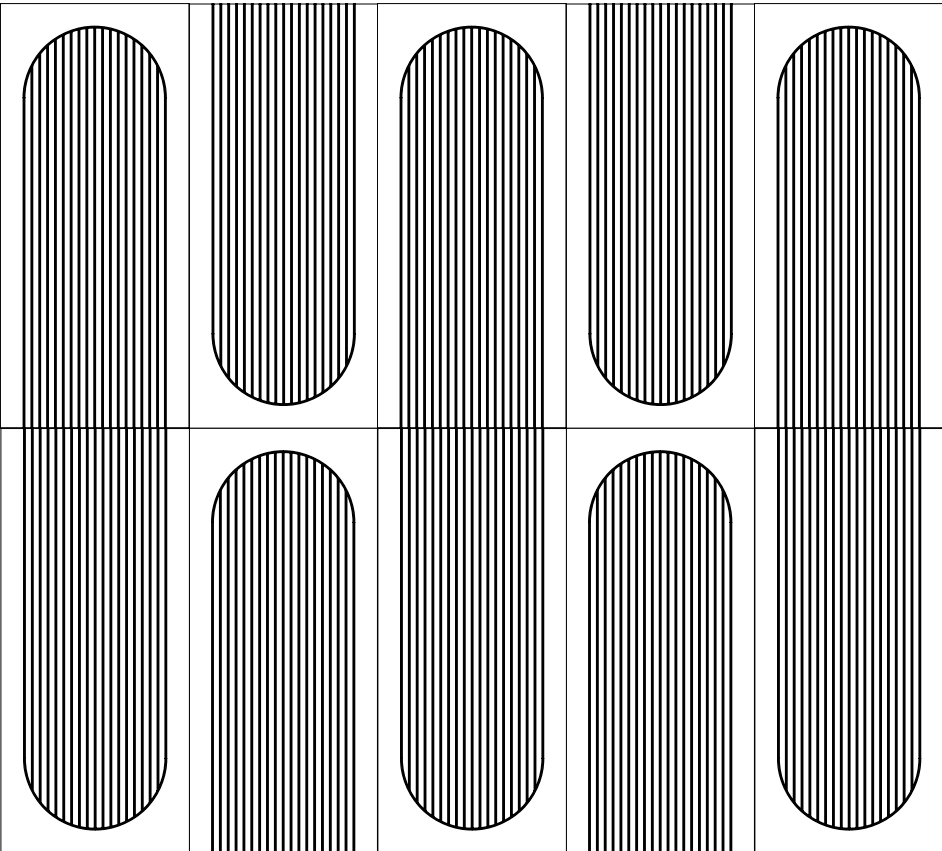
Layout 1



Layout 2

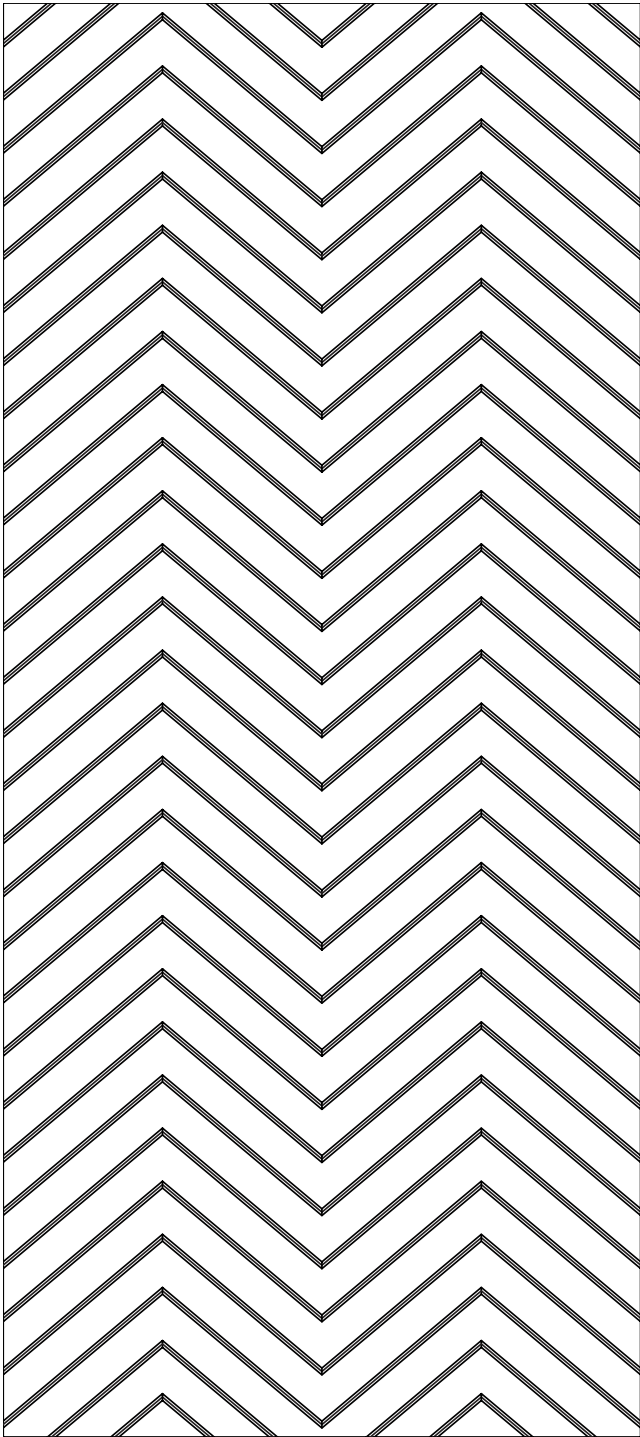


Layout 3



Layout 4

Chevron Pattern



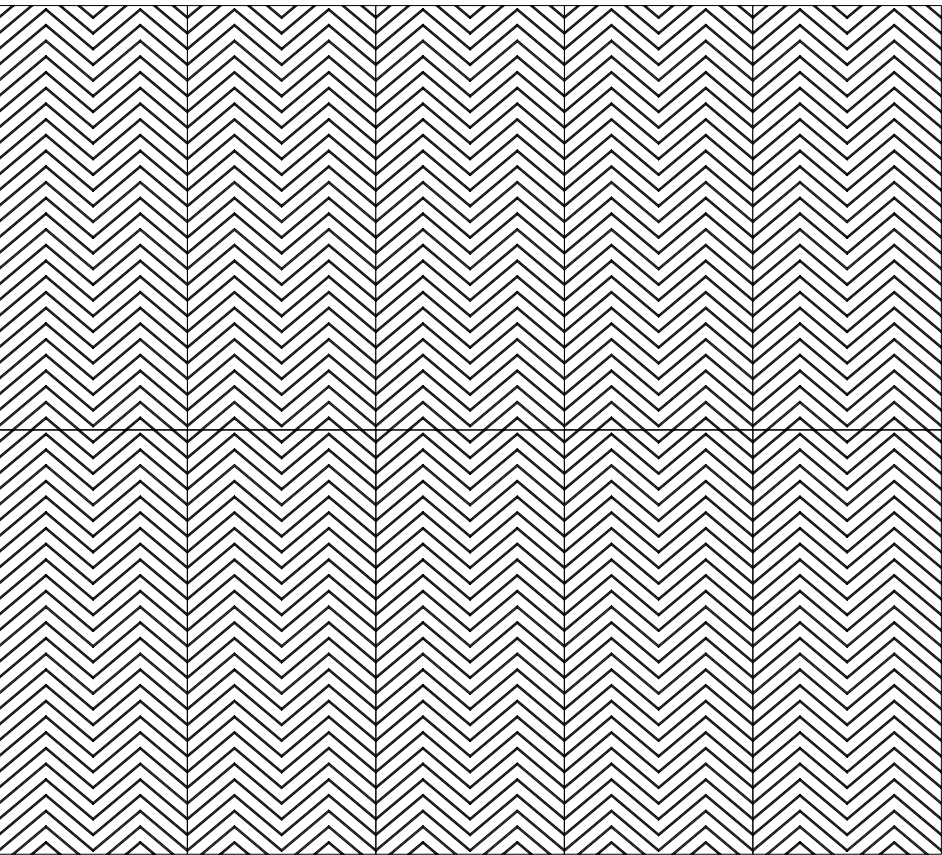
Recommended Layouts



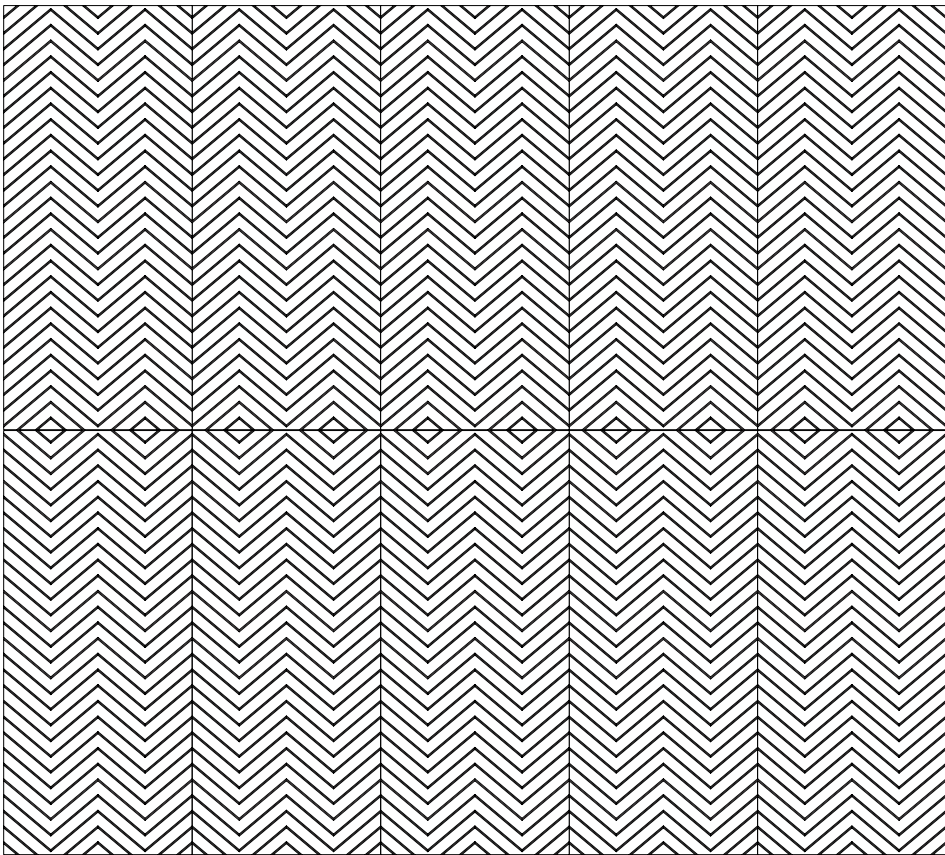
Layout 1



Layout 2

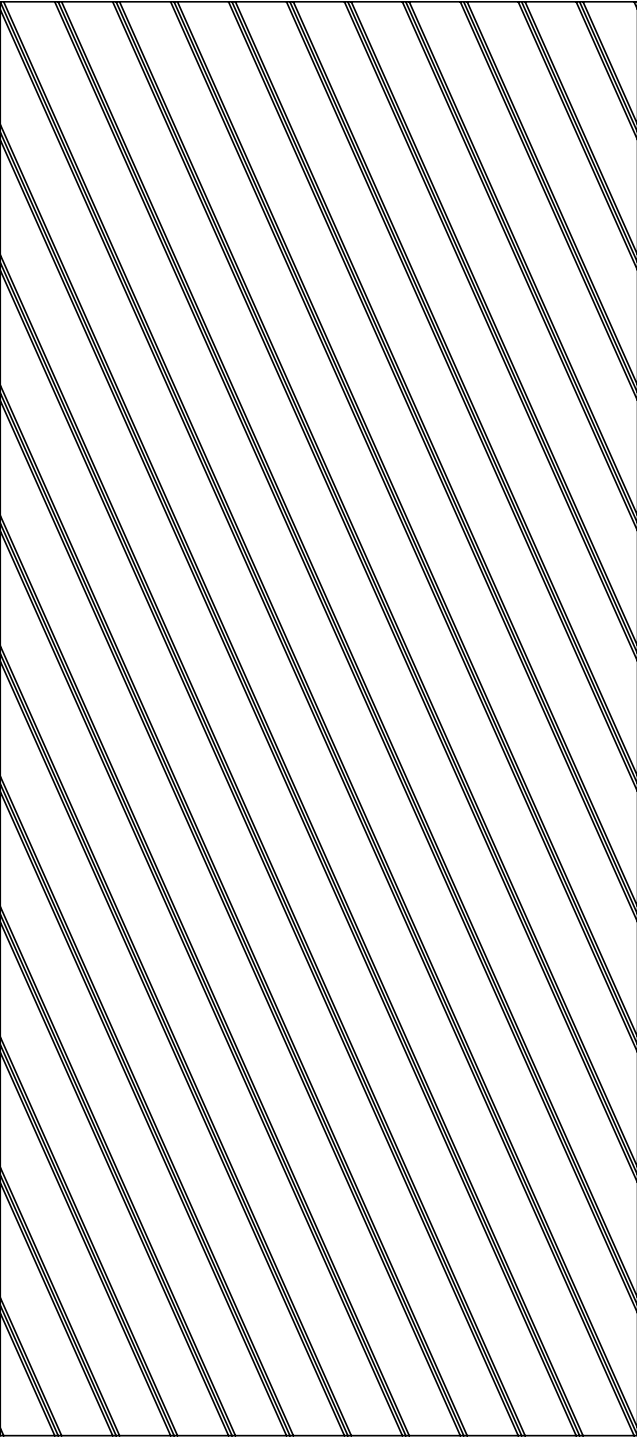


Layout 3

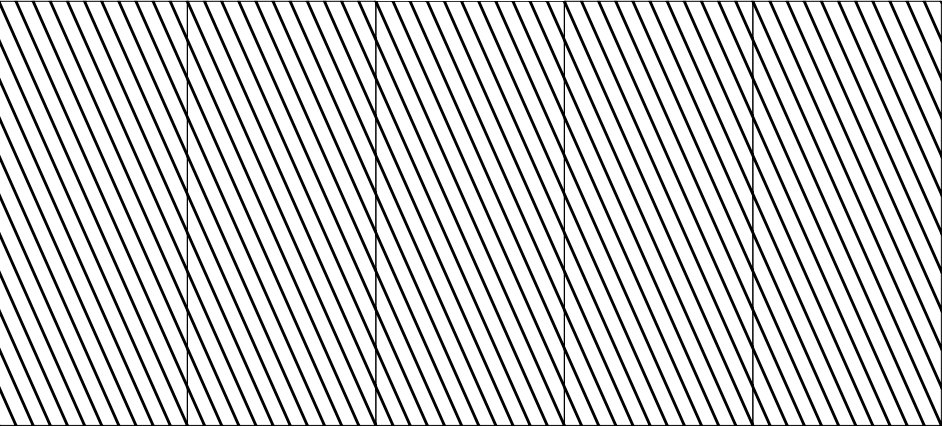


Layout 4

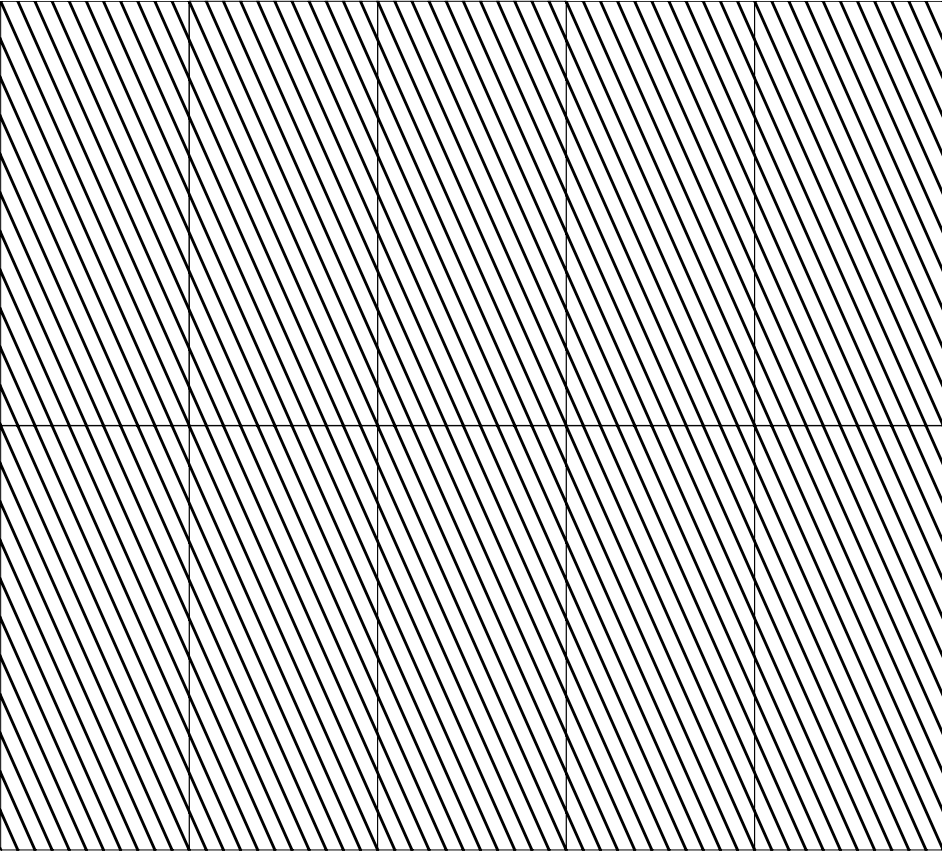
Diagonal Pattern



Recommended Layouts

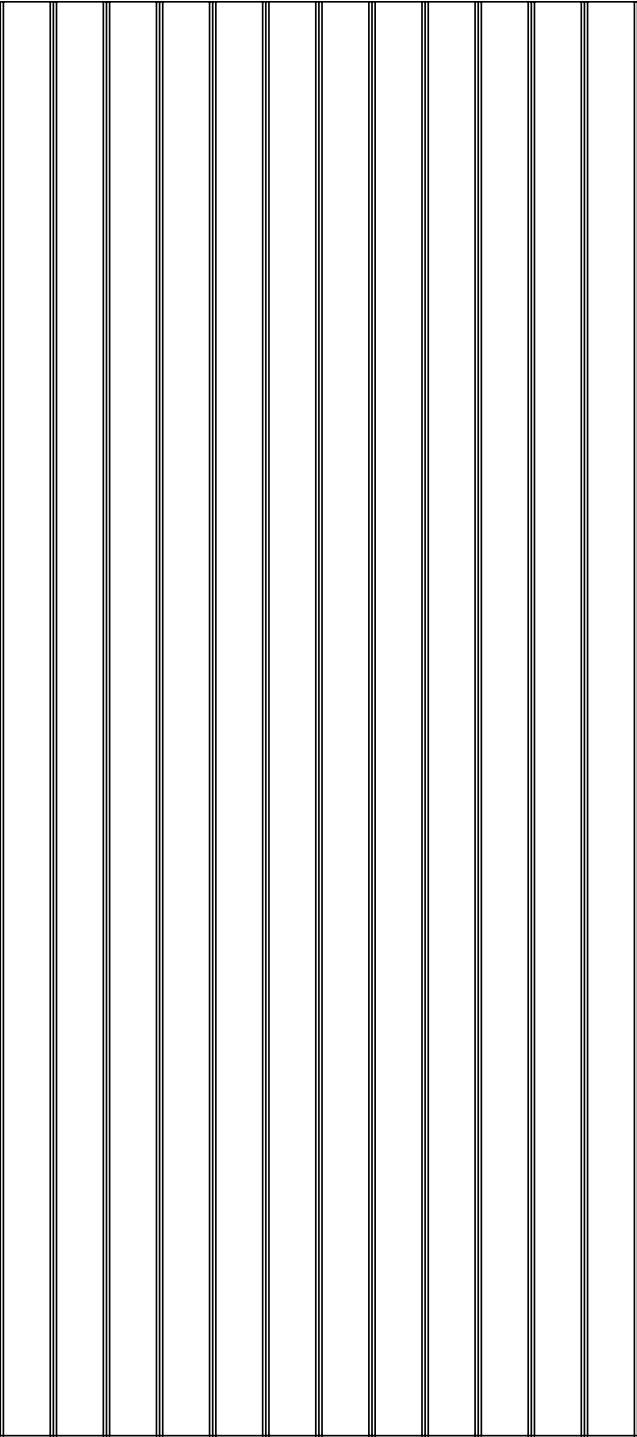


Layout 1

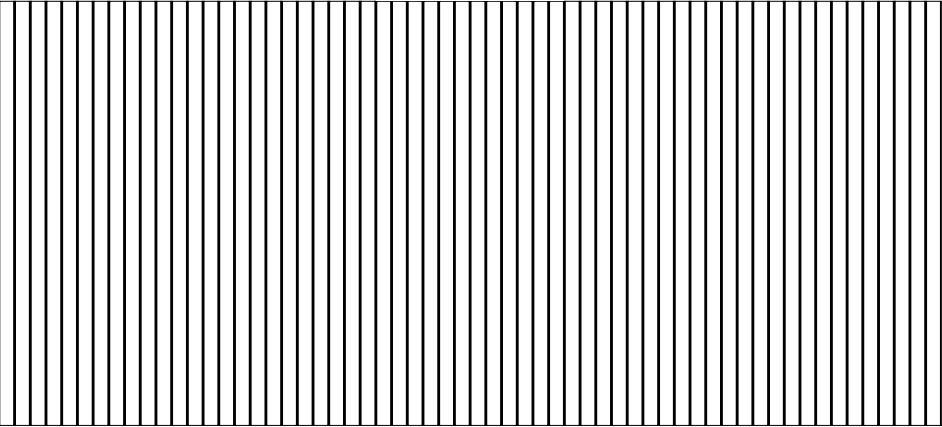


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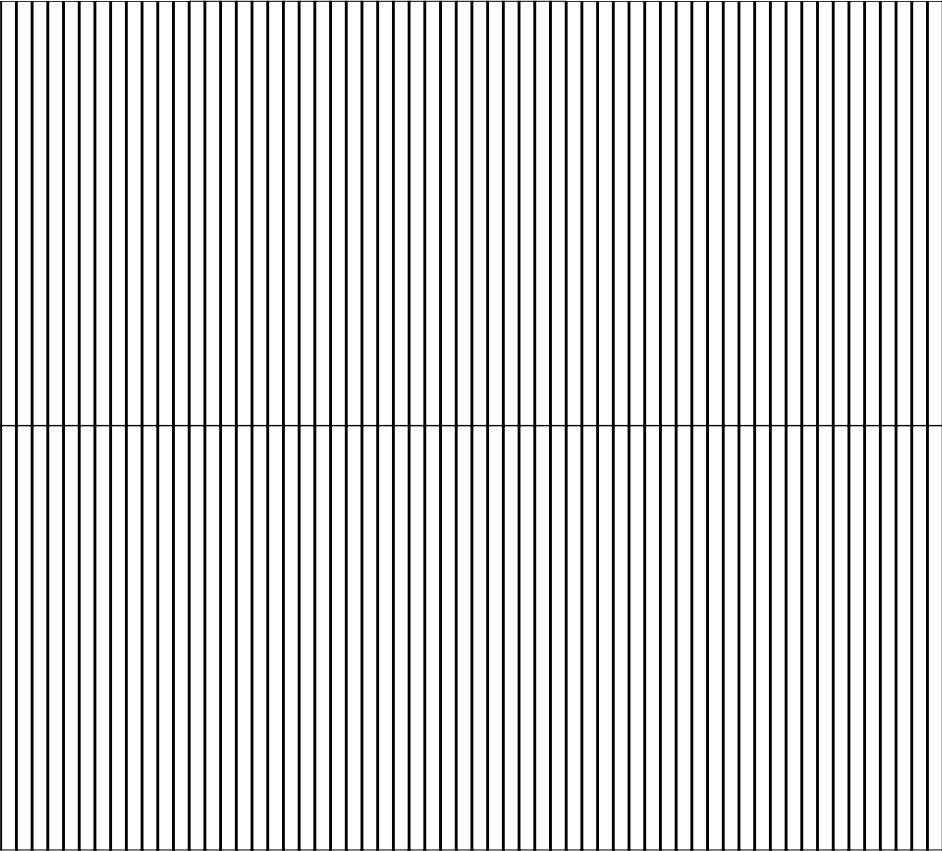
Fineline Pattern



Recommended Layouts

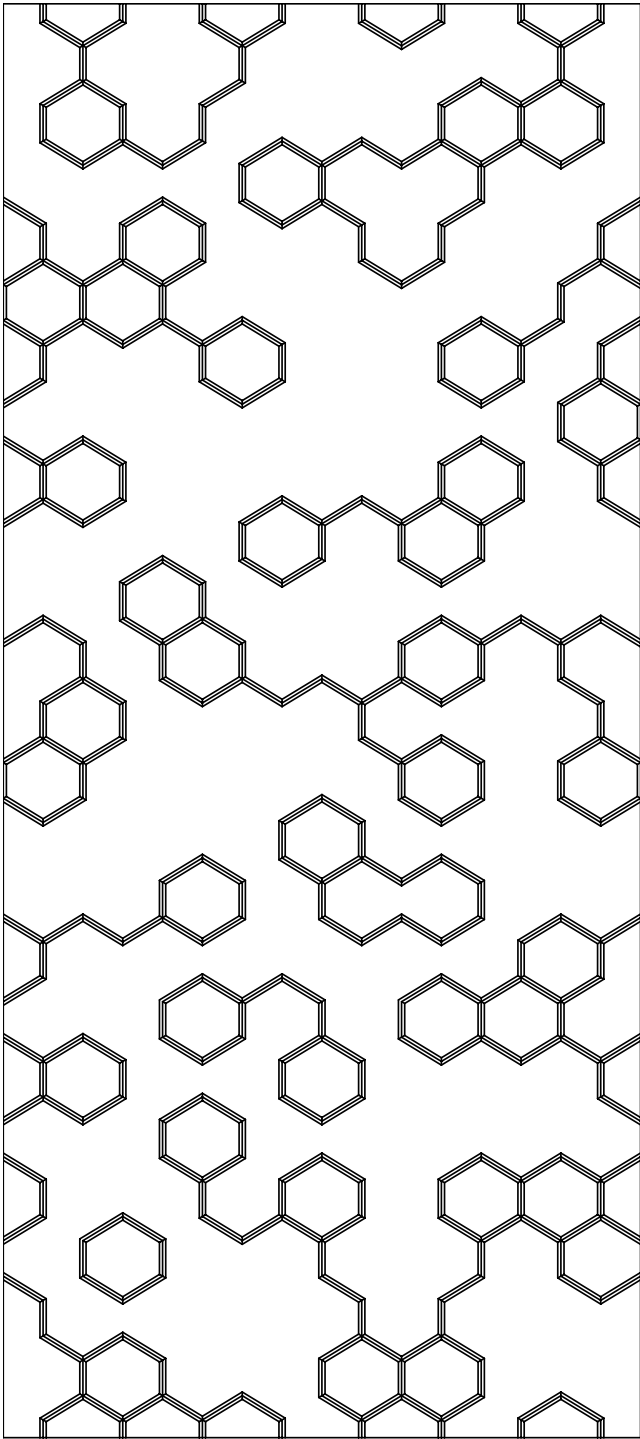


Layout 1

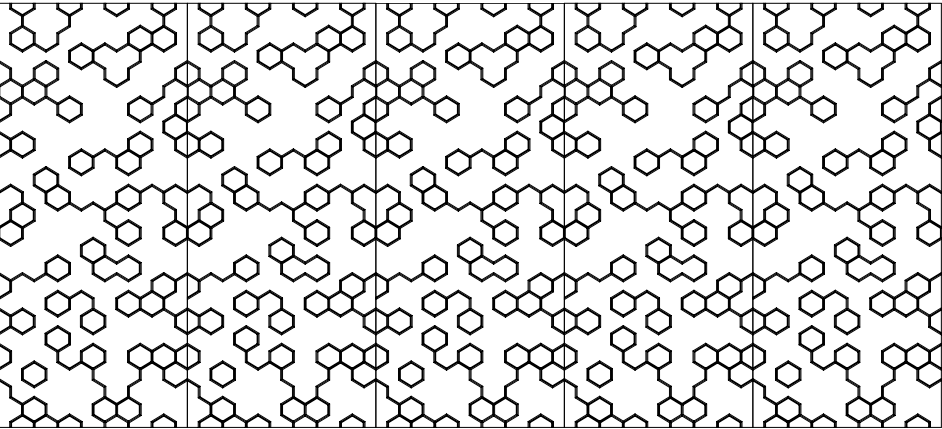


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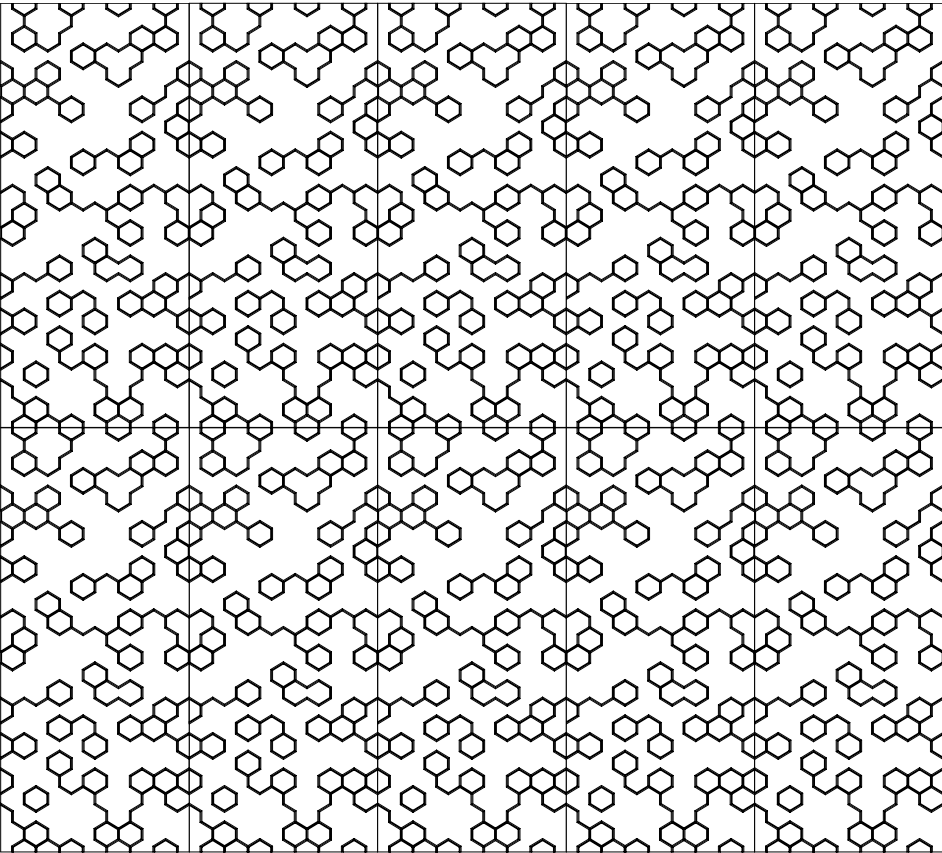
Formula Pattern



Recommended Layouts

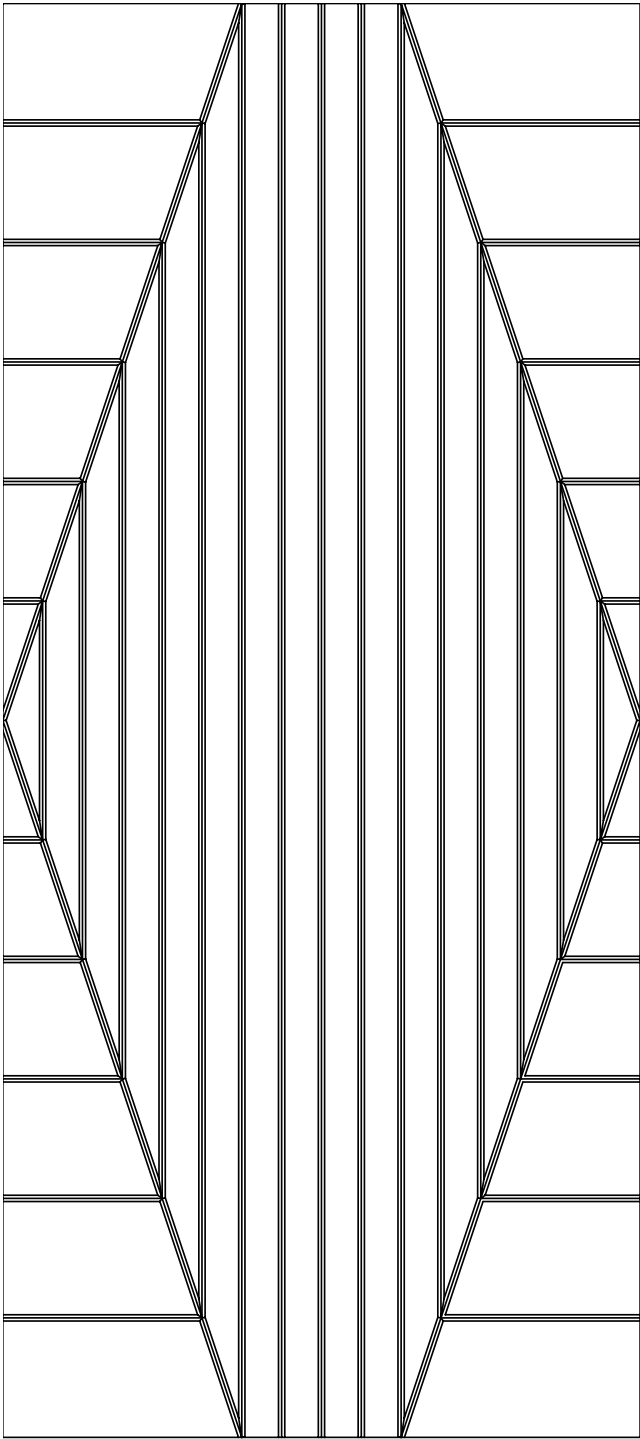


Layout 1

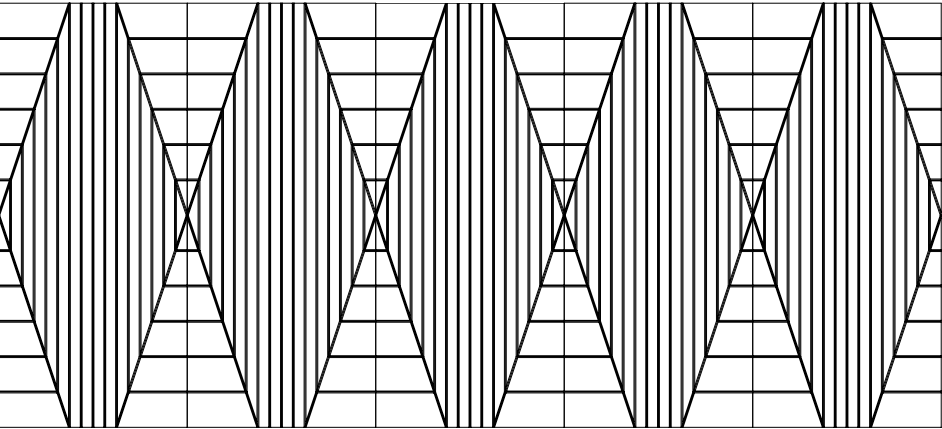


Layout 2

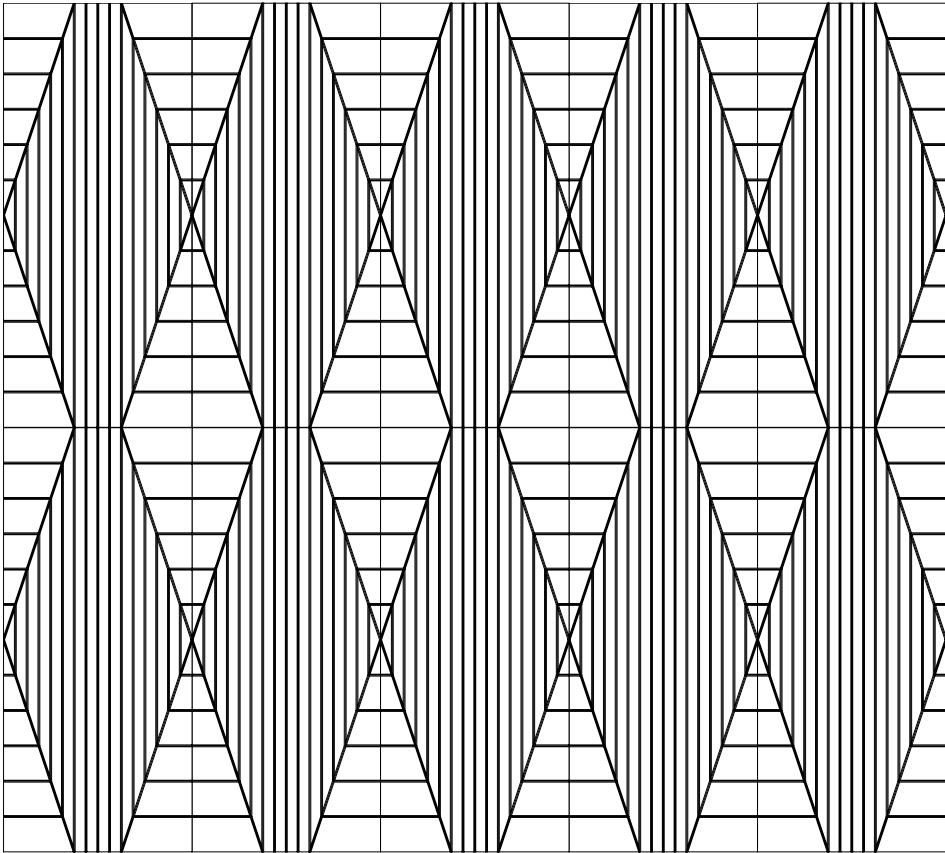
Harlequin Pattern



Recommended Layouts

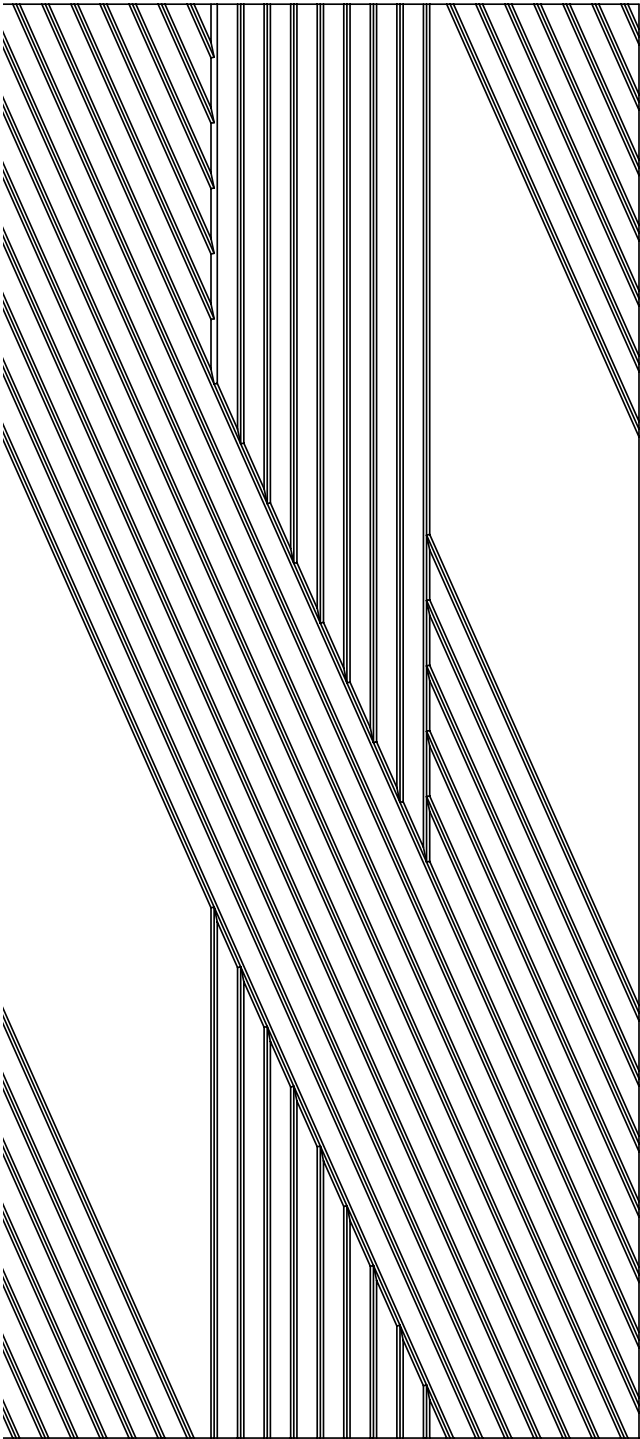


Layout 1

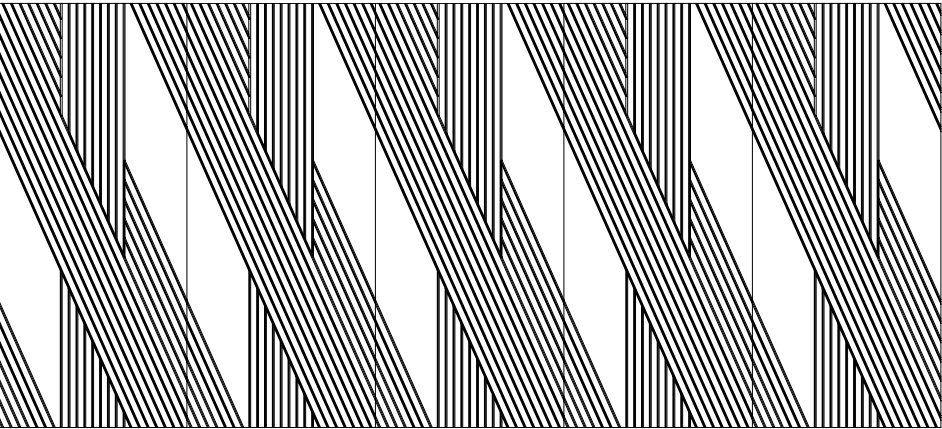


Layout 2

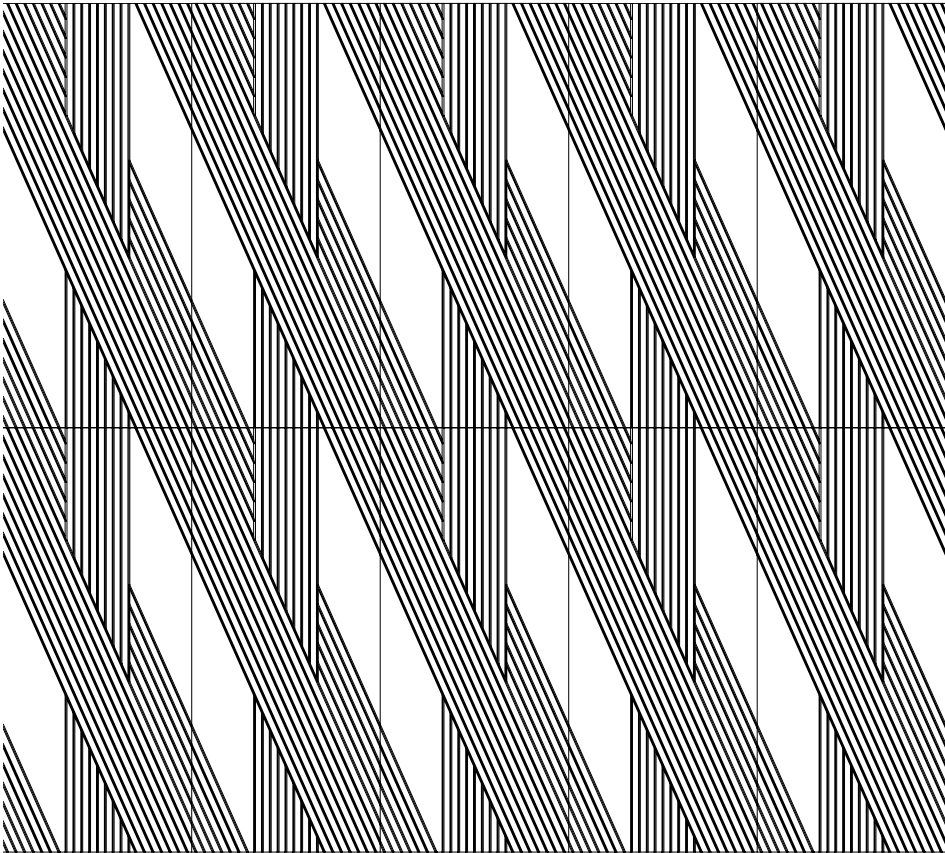
Intersect Pattern



Recommended Layouts

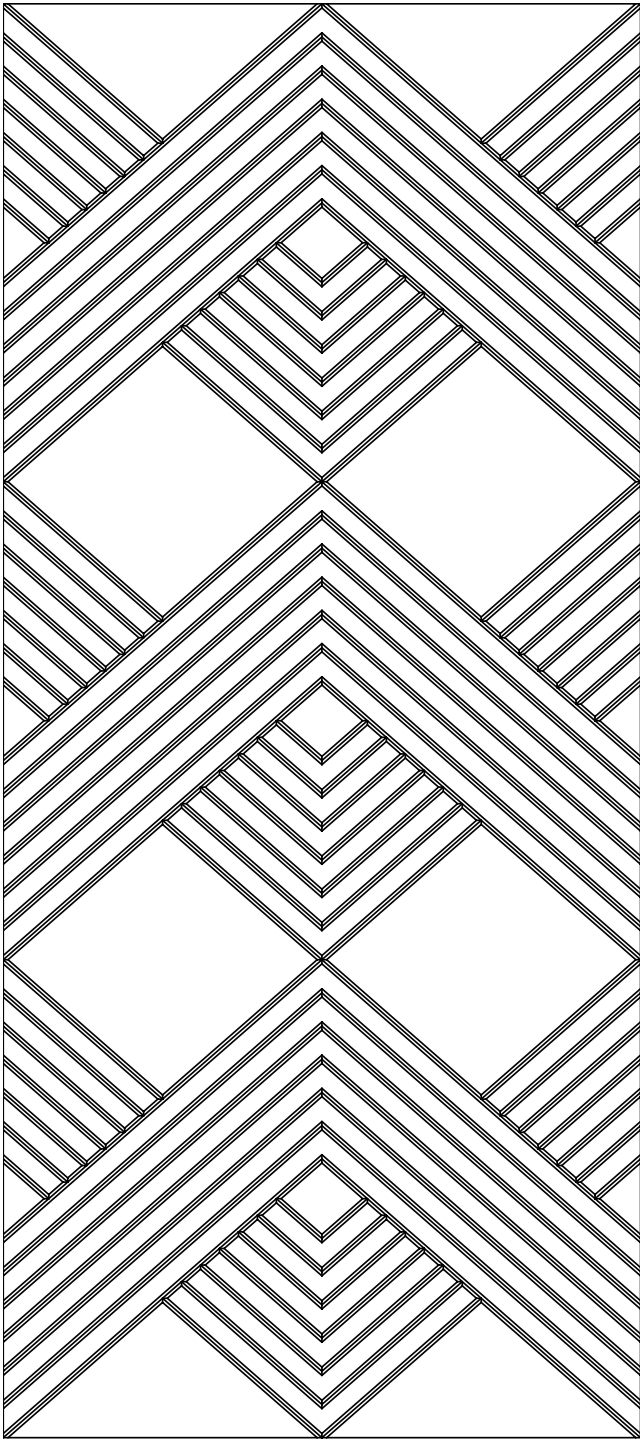


Layout 1

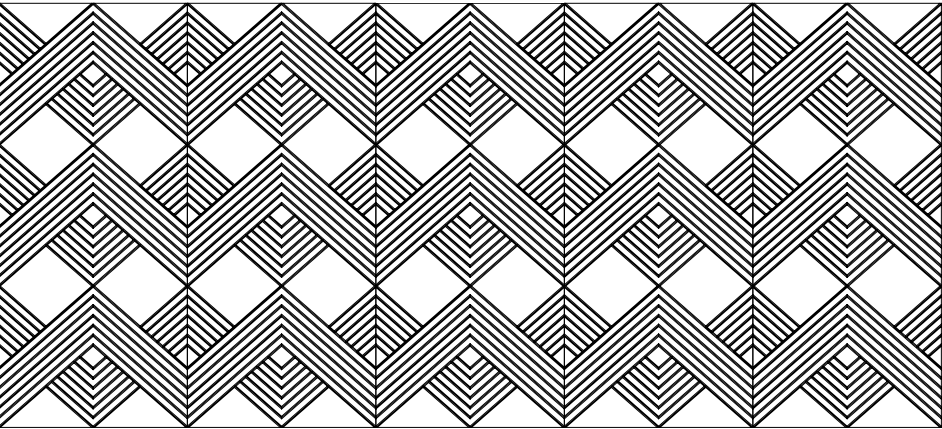


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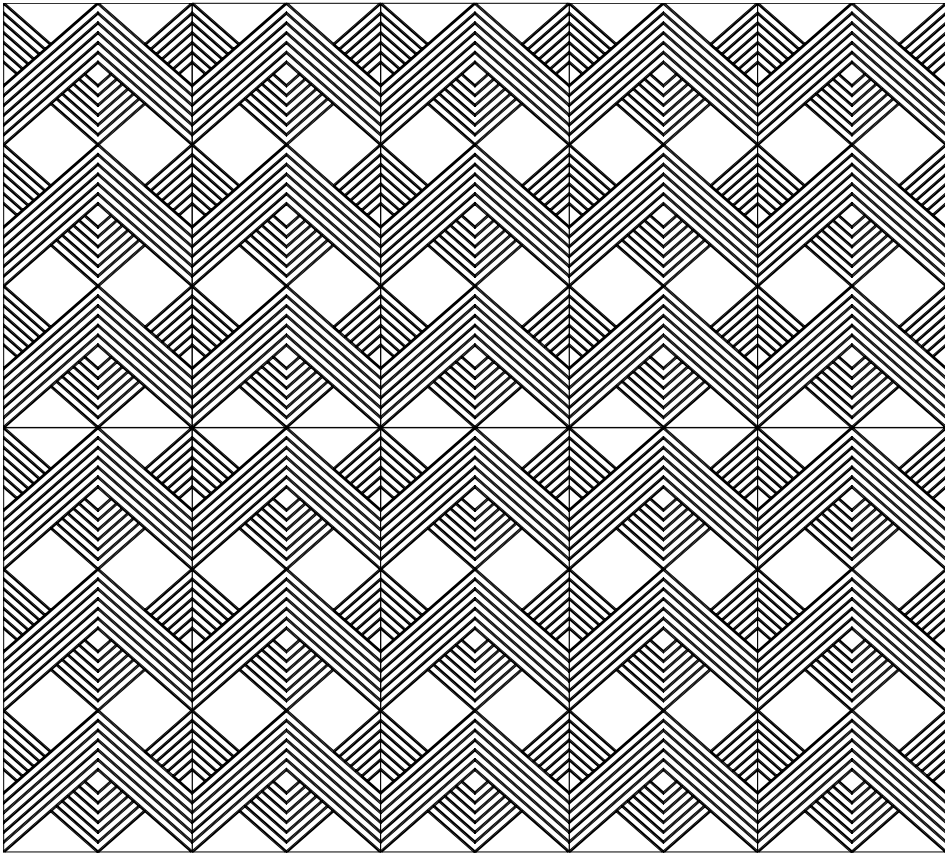
Knit Pattern



Recommended Layouts

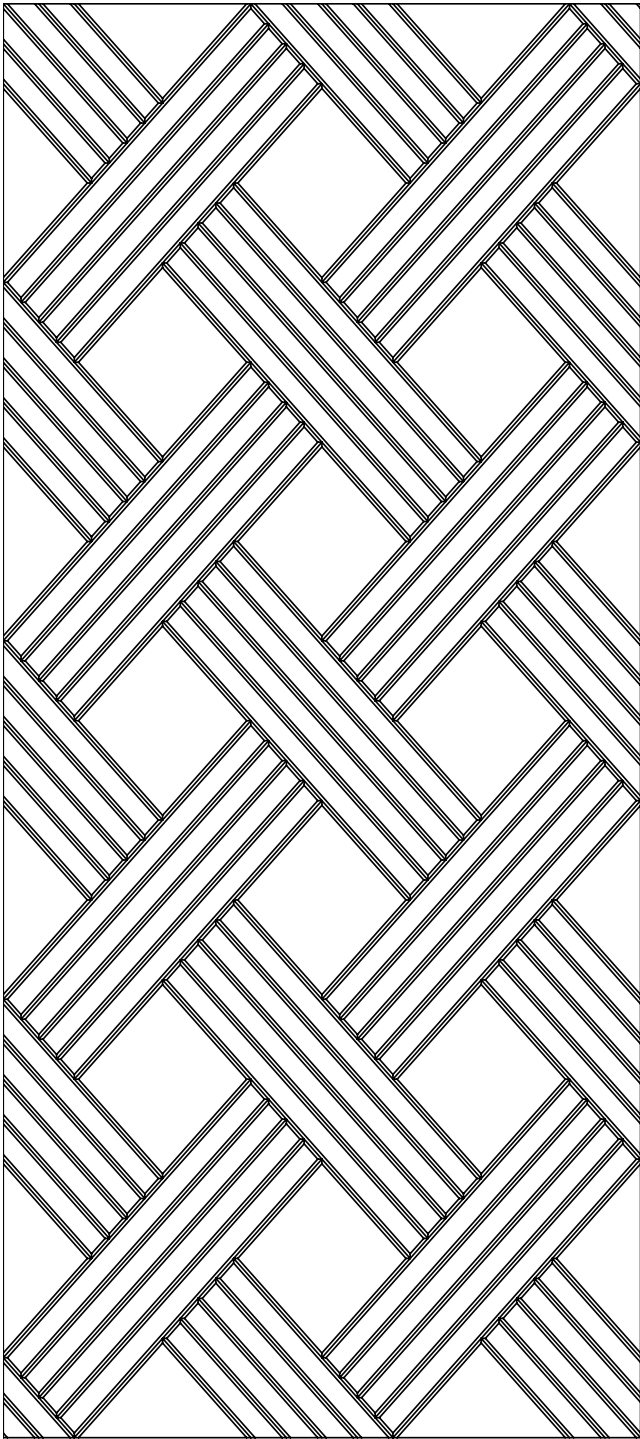


Layout 1

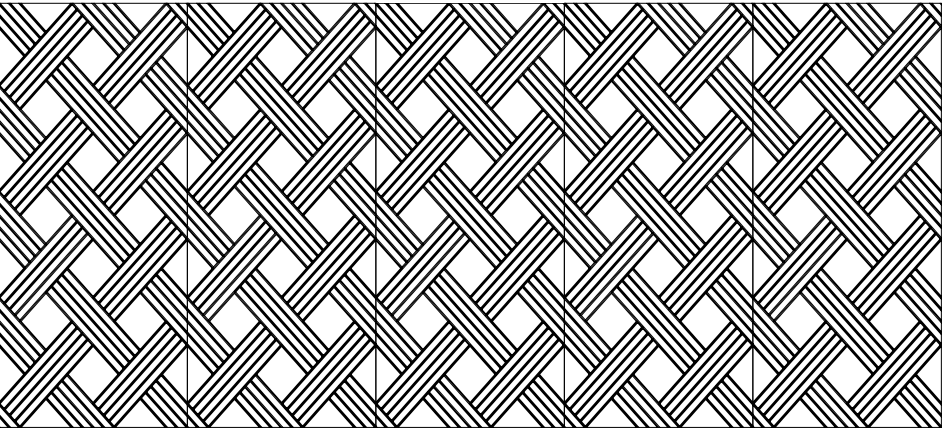


Layout 2

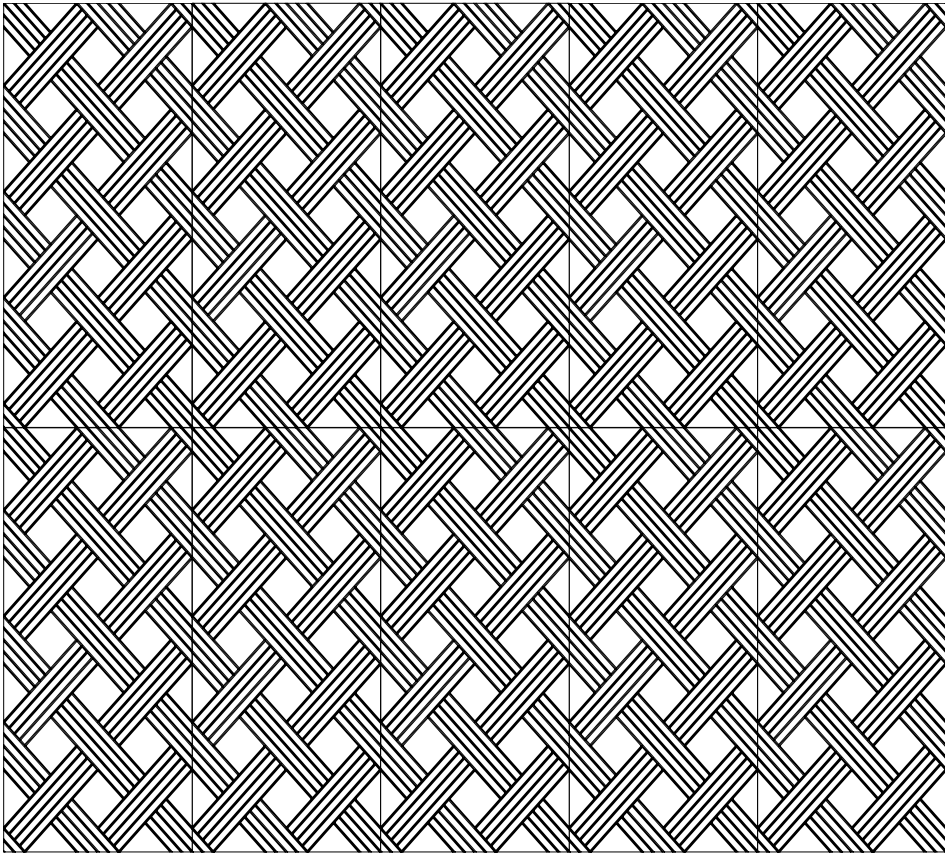
Lattice Pattern



Recommended Layouts

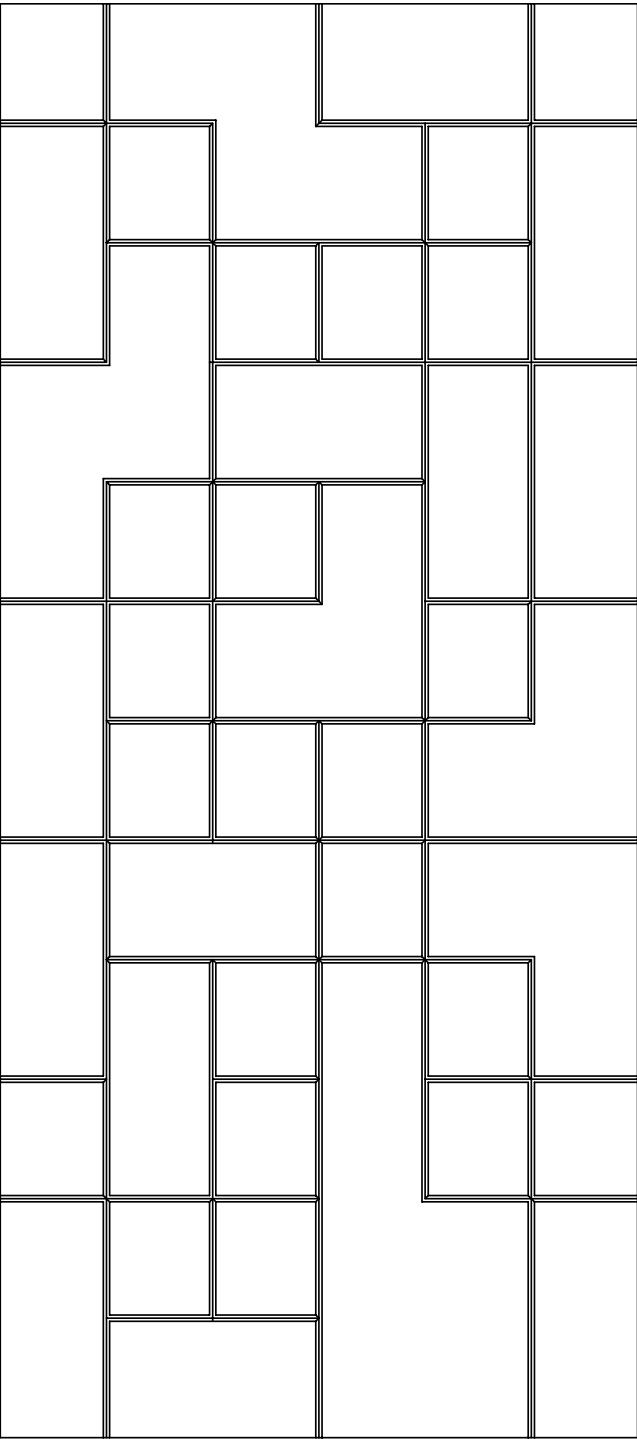


Layout 1

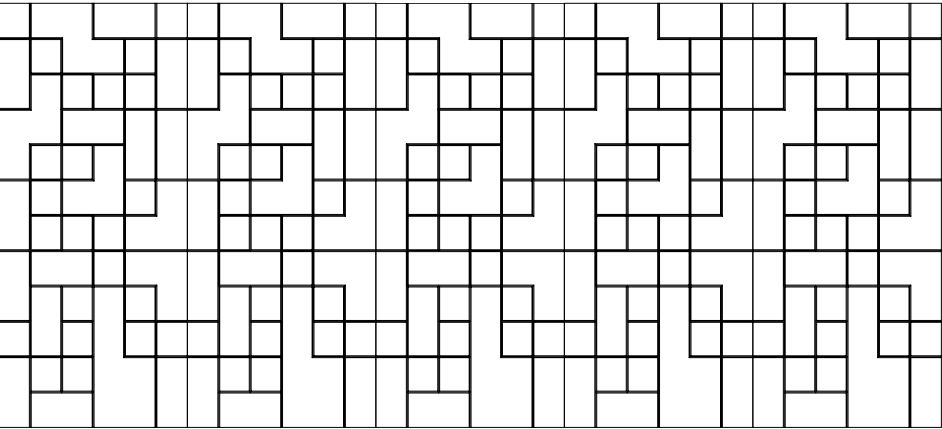


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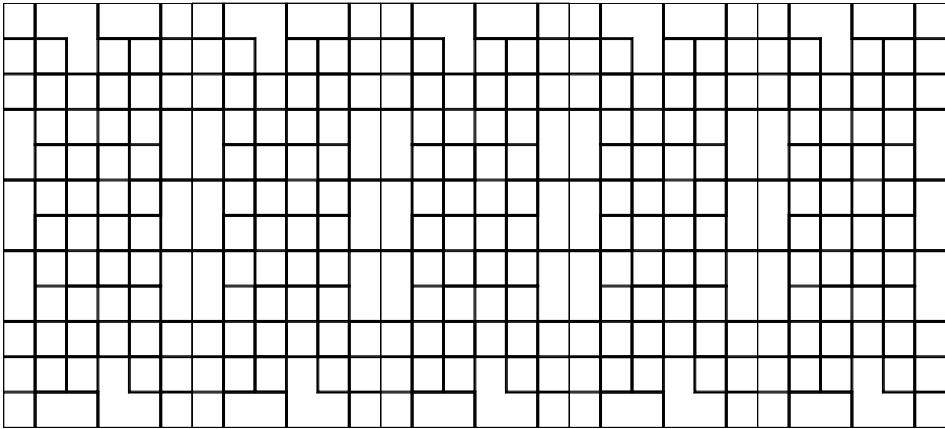
Maze Pattern



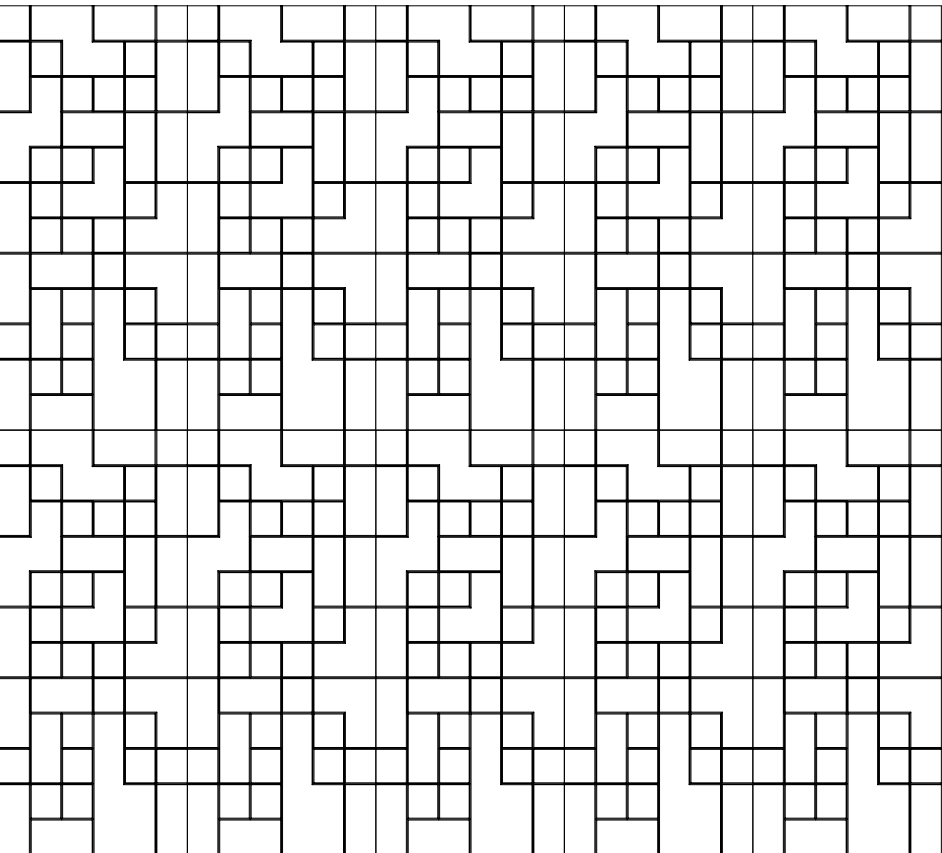
Recommended Layouts



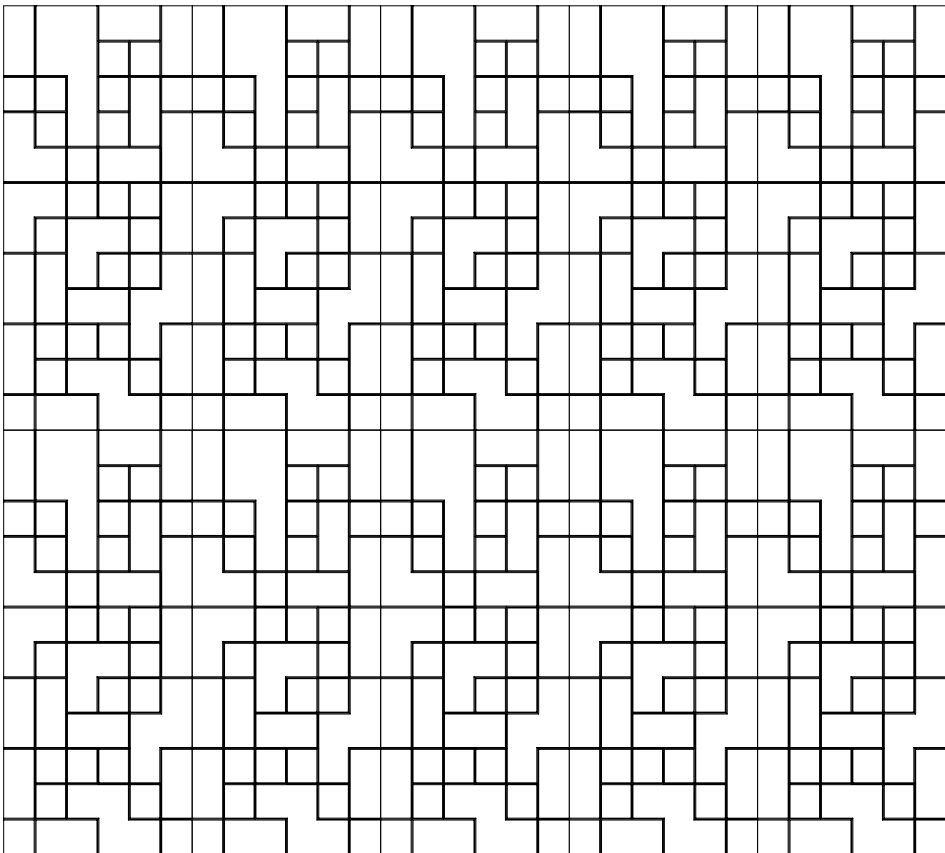
Layout 1



Layout 2



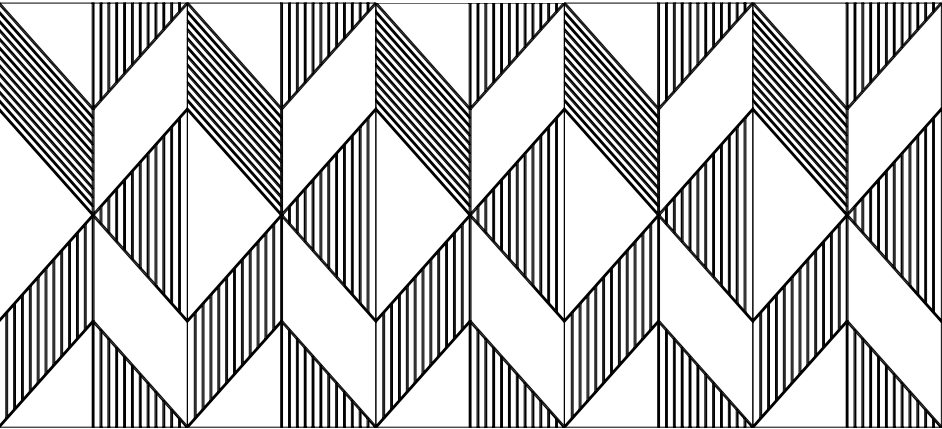
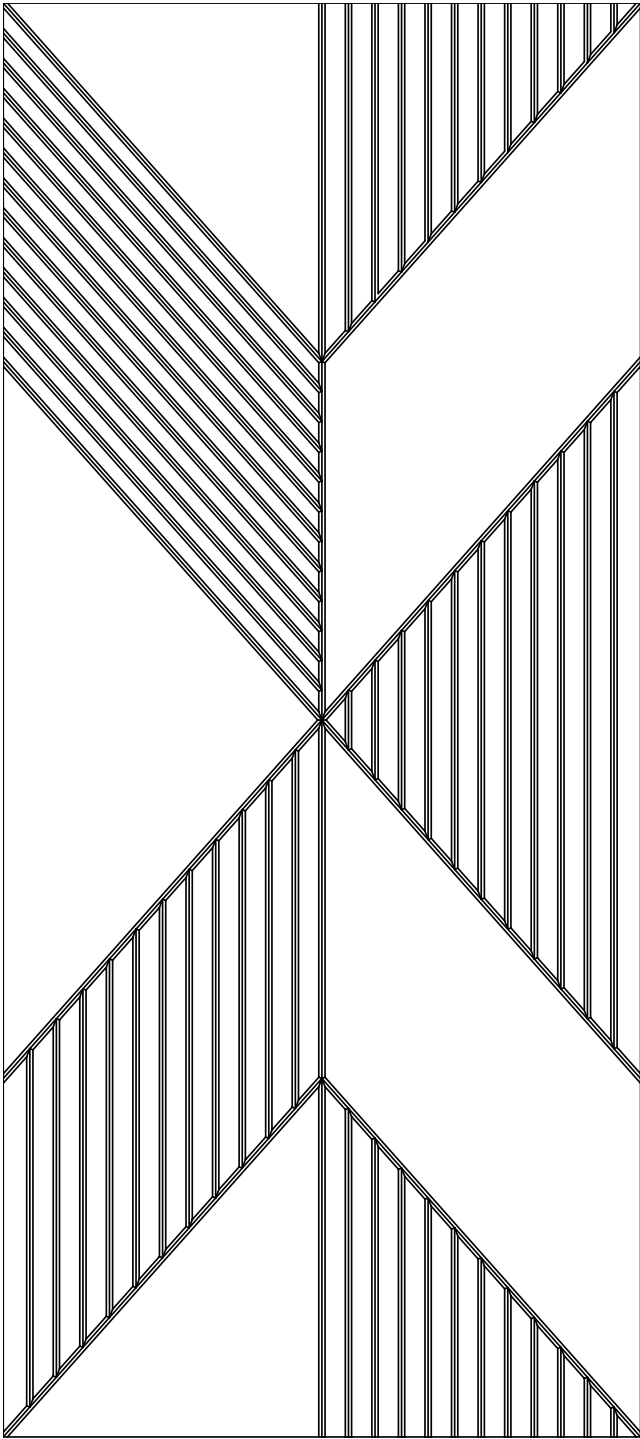
Layout 3



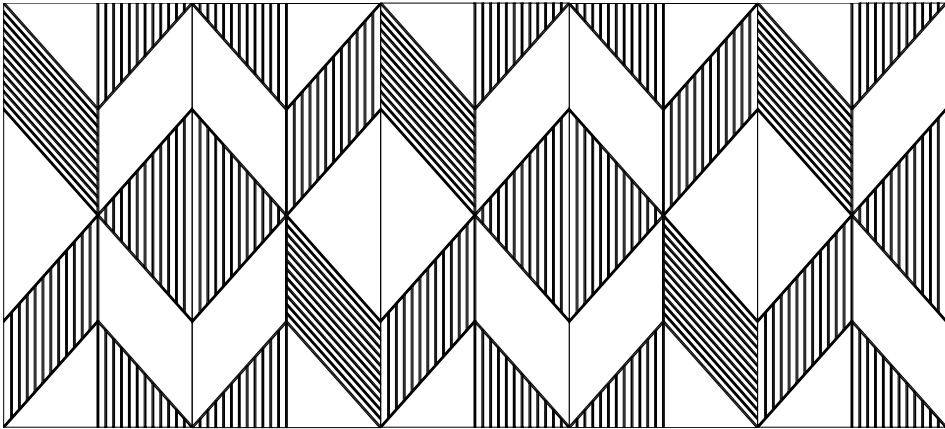
Layout 4

Metropolis Pattern

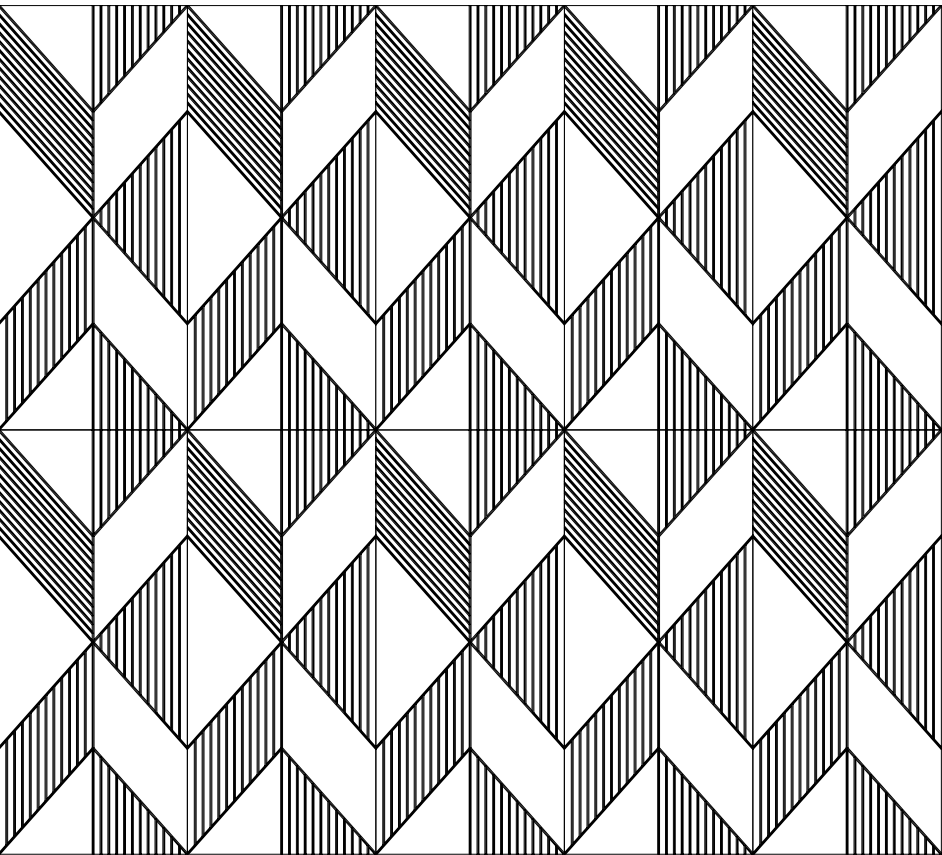
Recommended Layouts



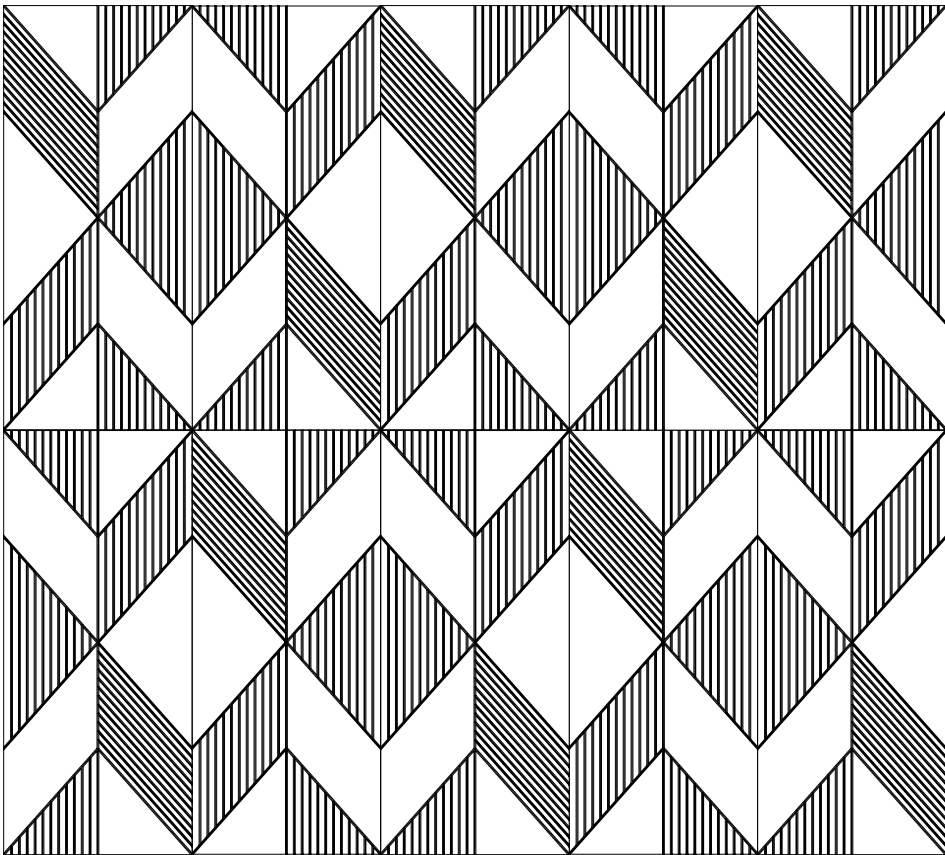
Layout 1



Layout 2

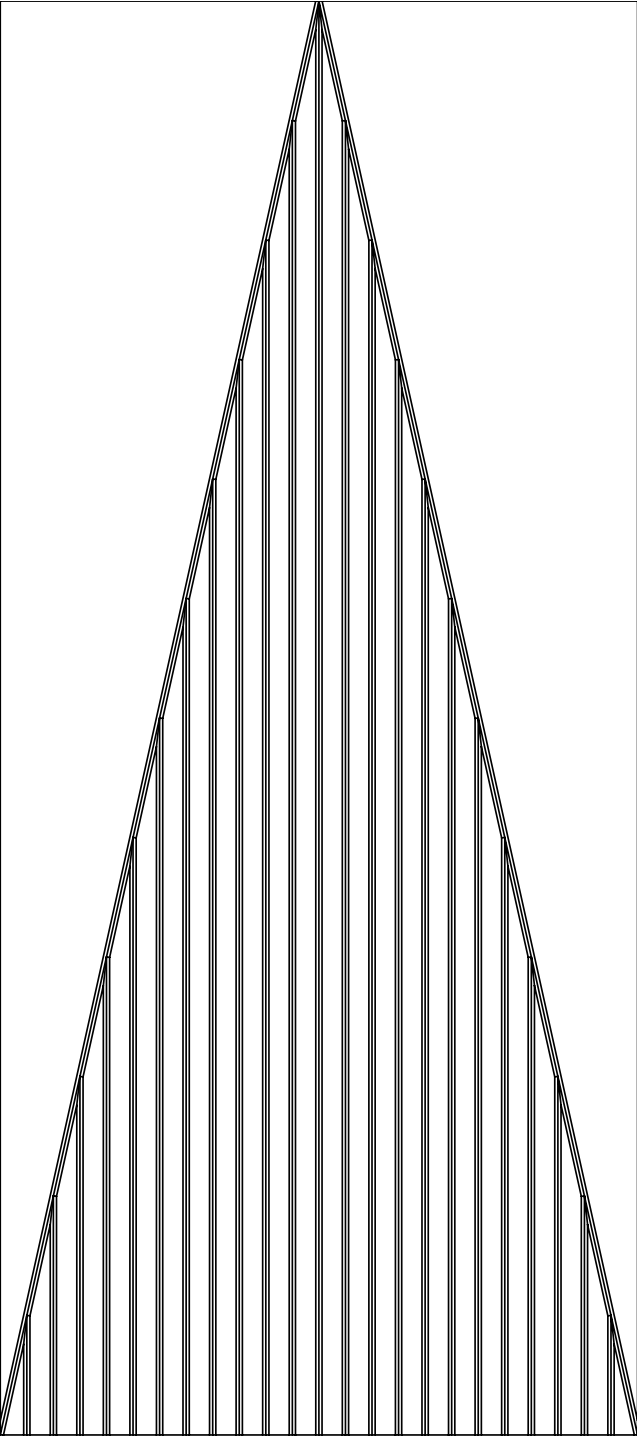


Layout 3

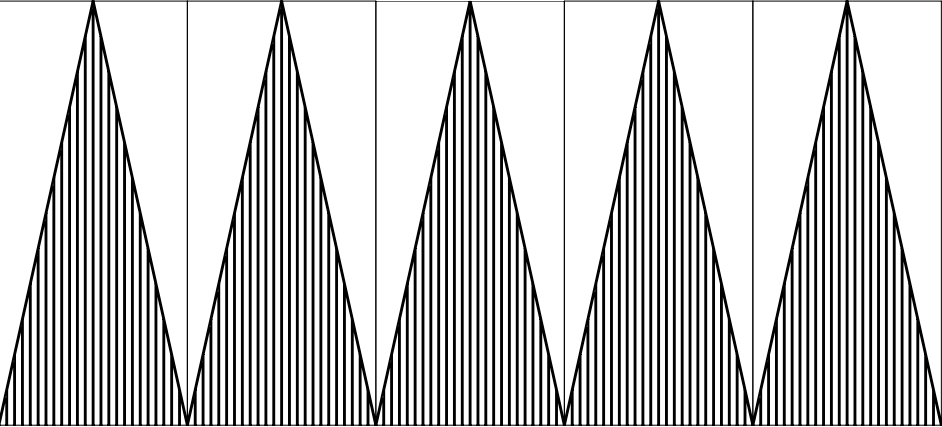


Layout 4

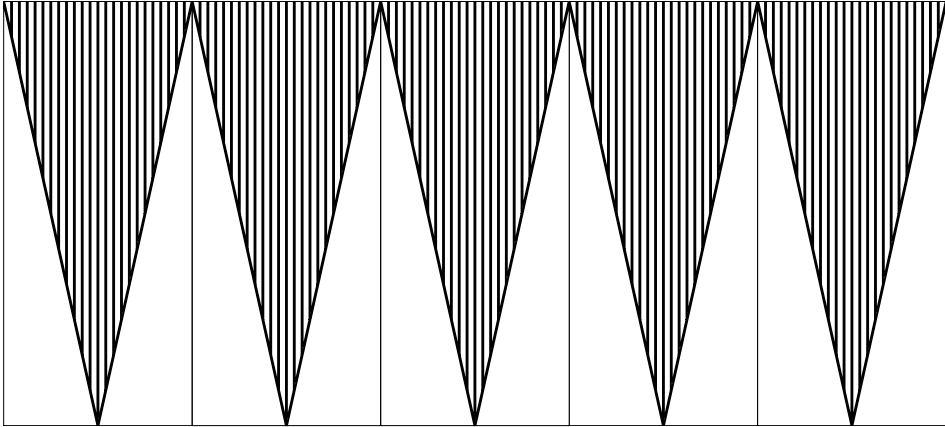
Pennant Pattern



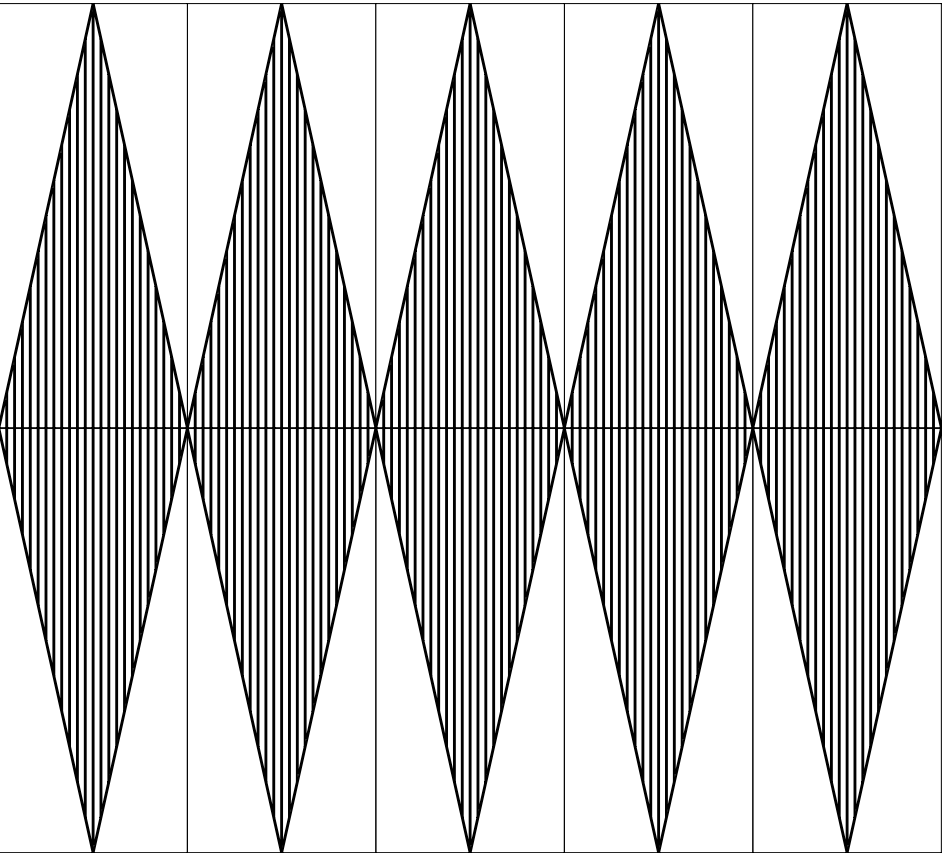
Recommended Layouts



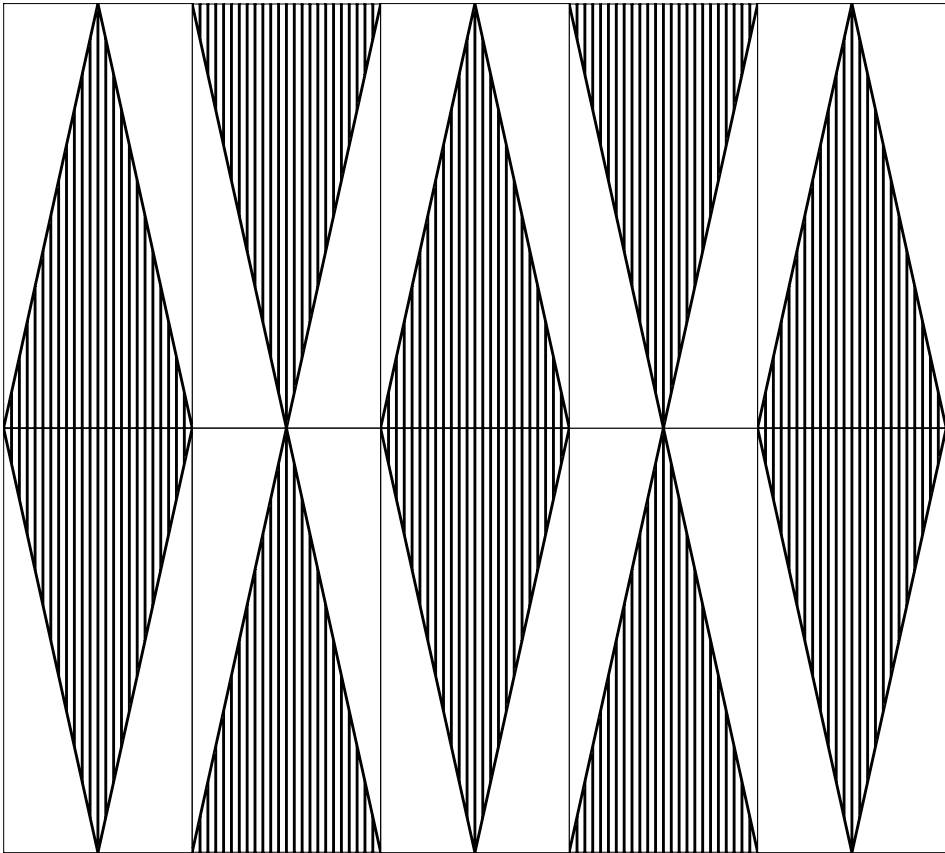
Layout 1



Layout 2



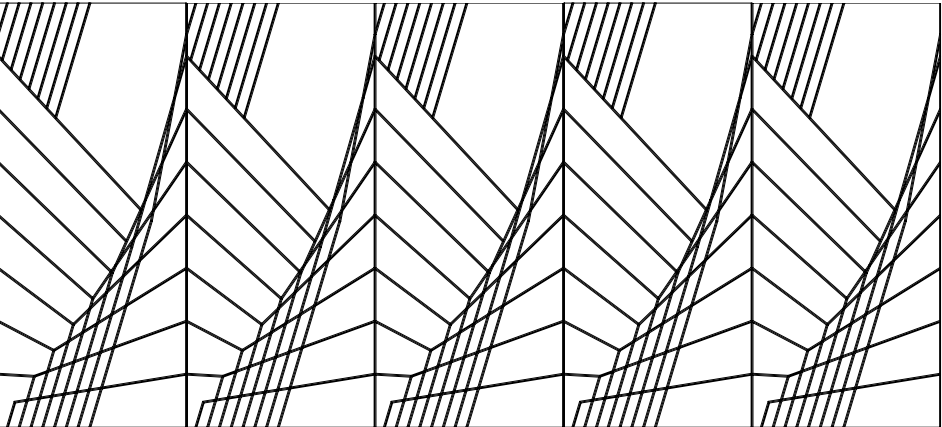
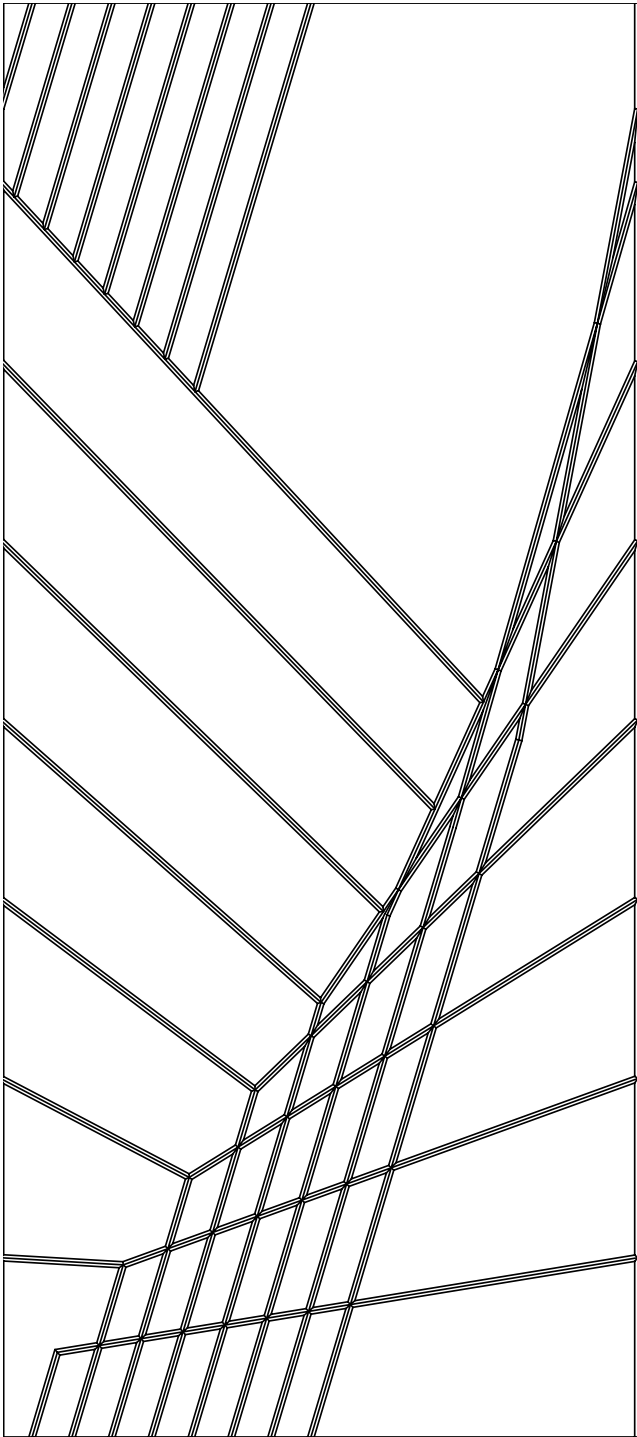
Layout 3



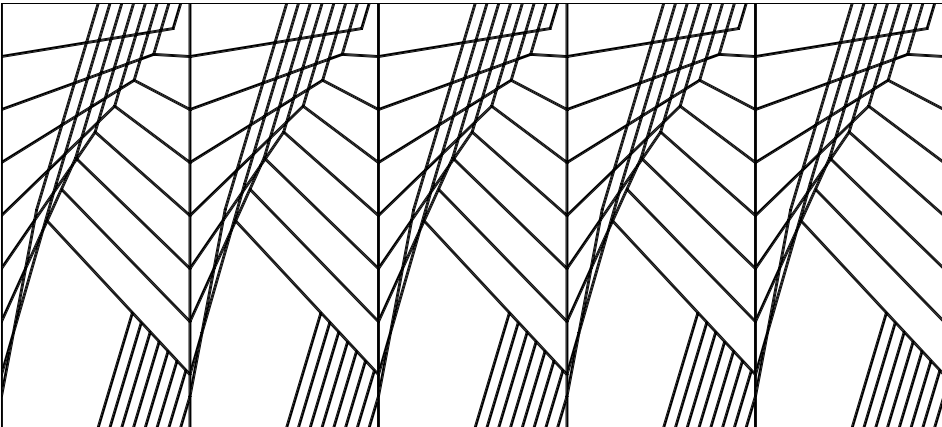
Layout 4

Prism Pattern

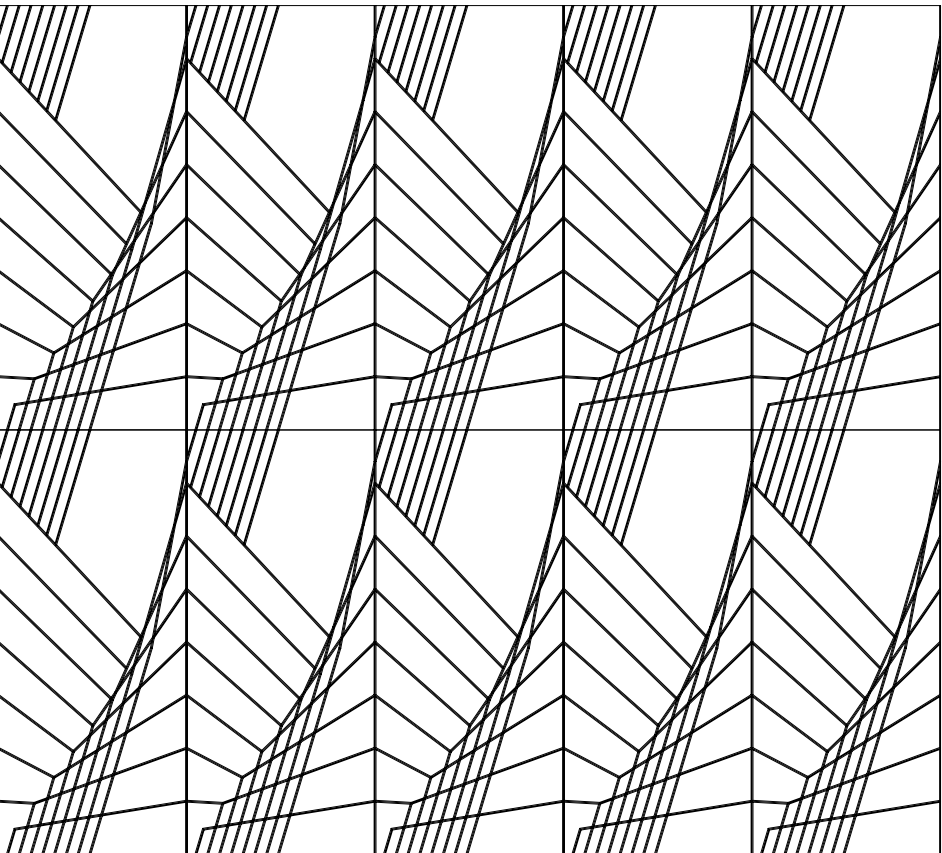
Recommended Layouts



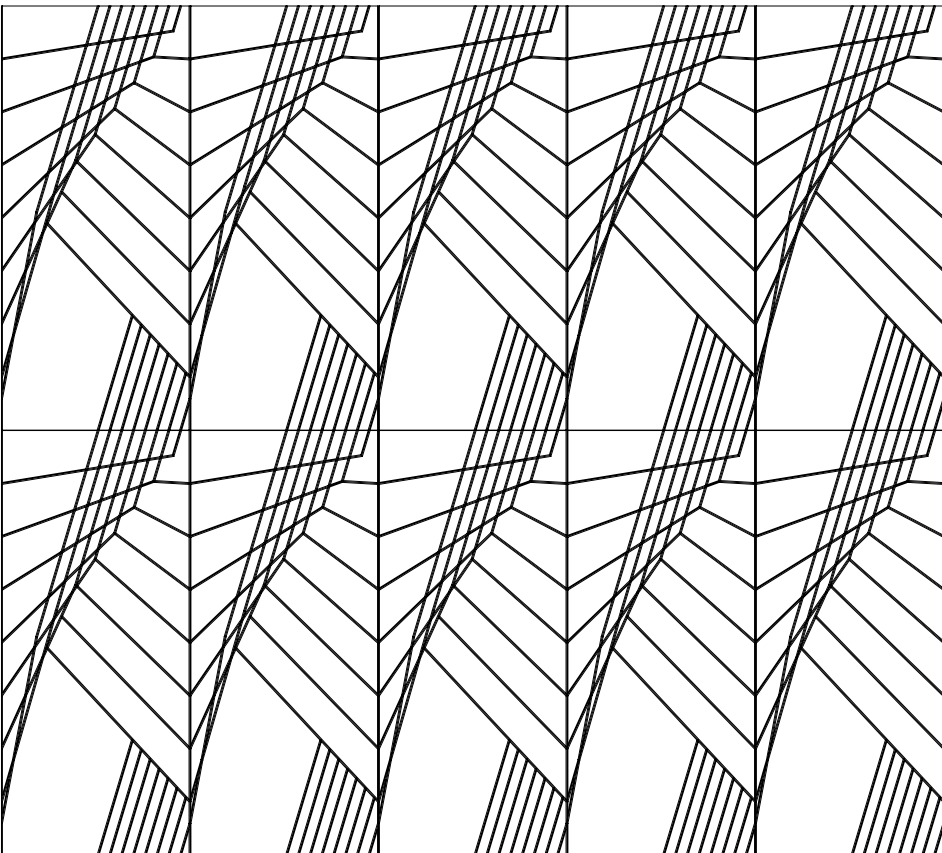
Layout 1



Layout 2

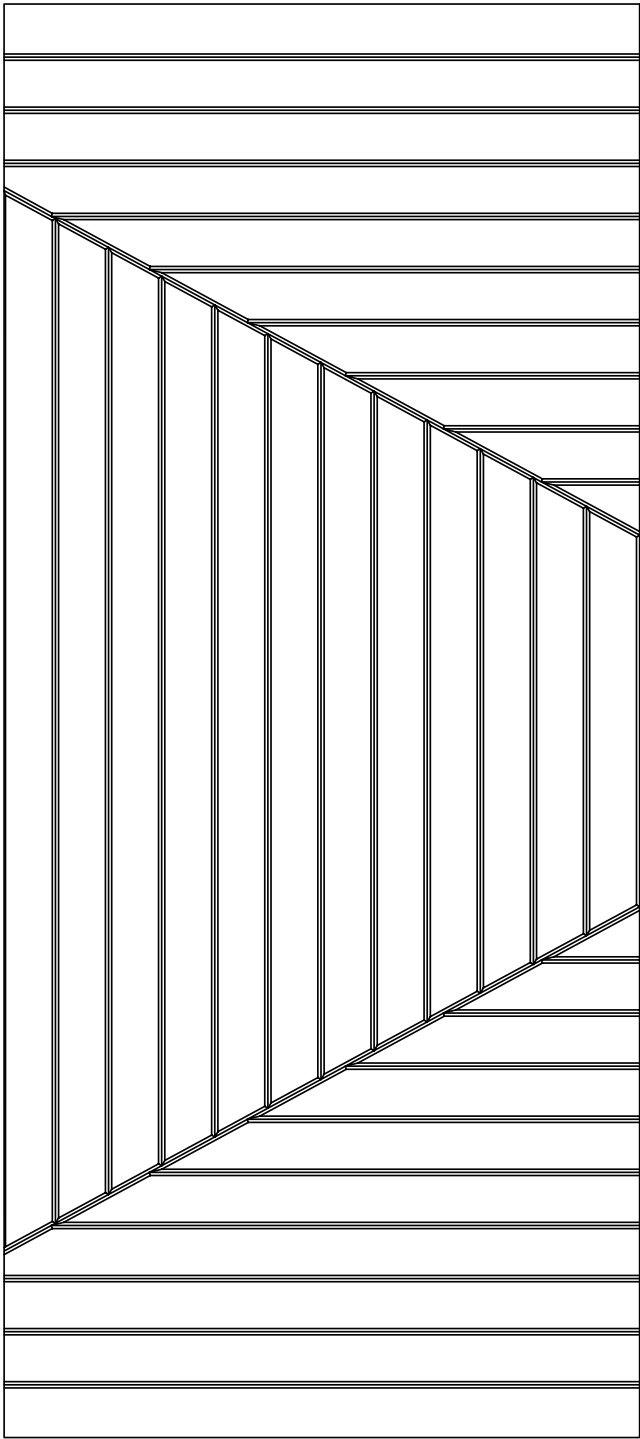


Layout 3

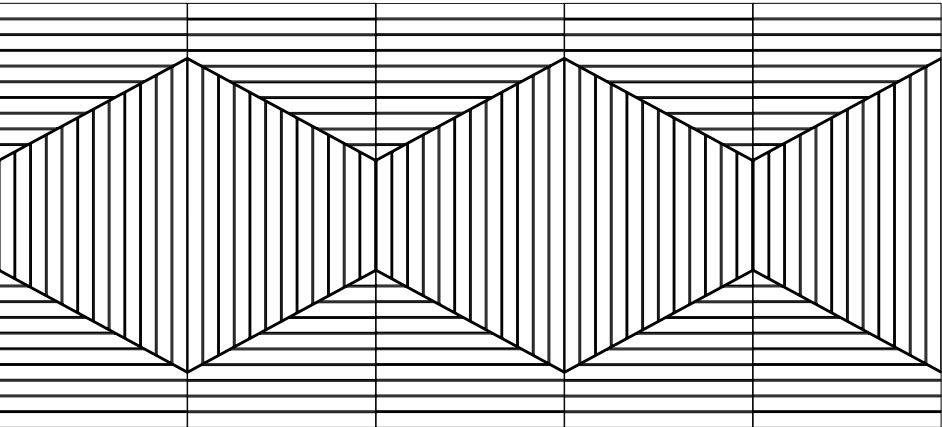


Layout 4

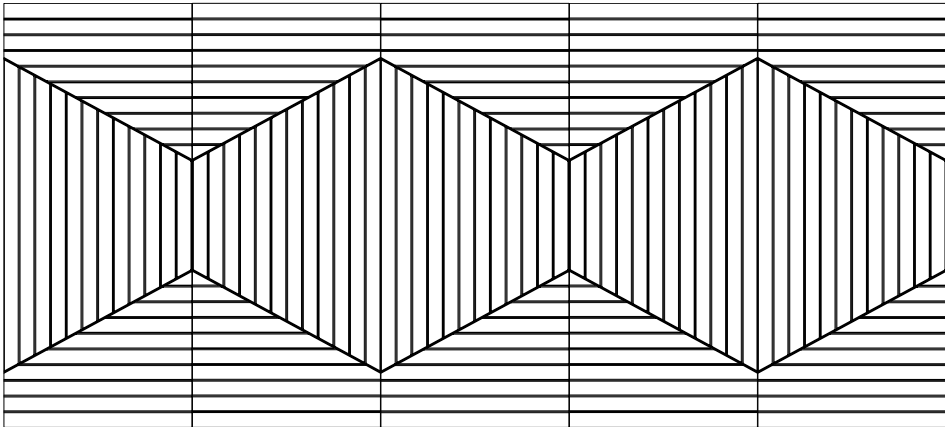
Pulse Pattern



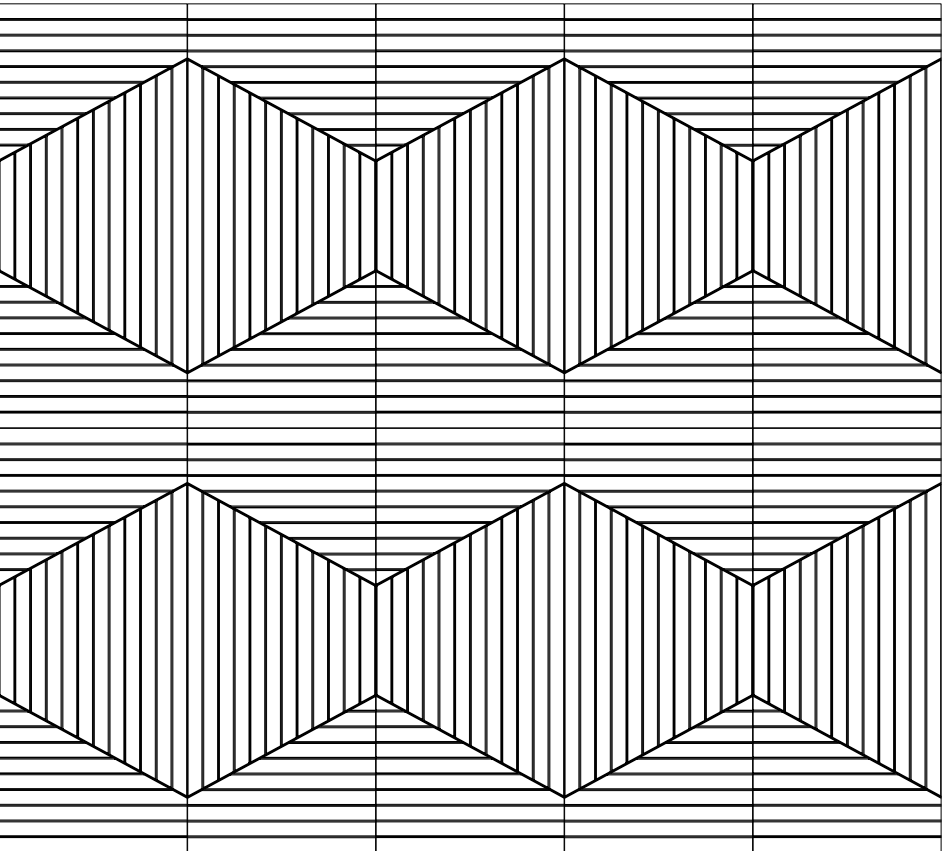
Recommended Layouts



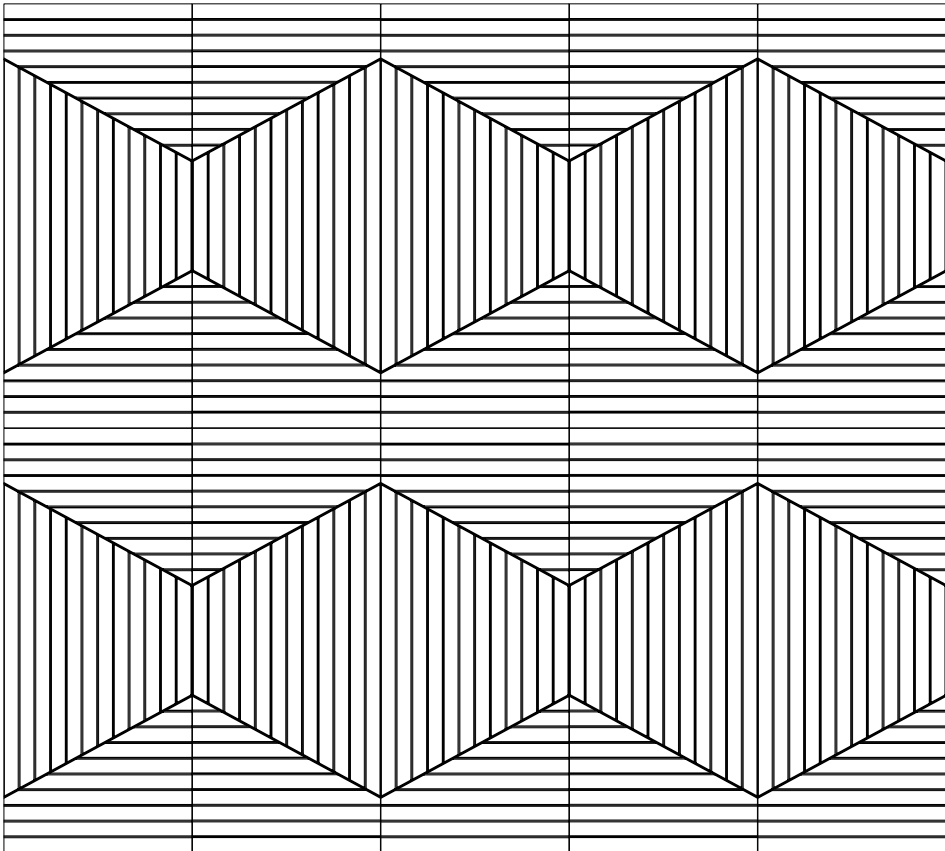
Layout 1



Layout 2

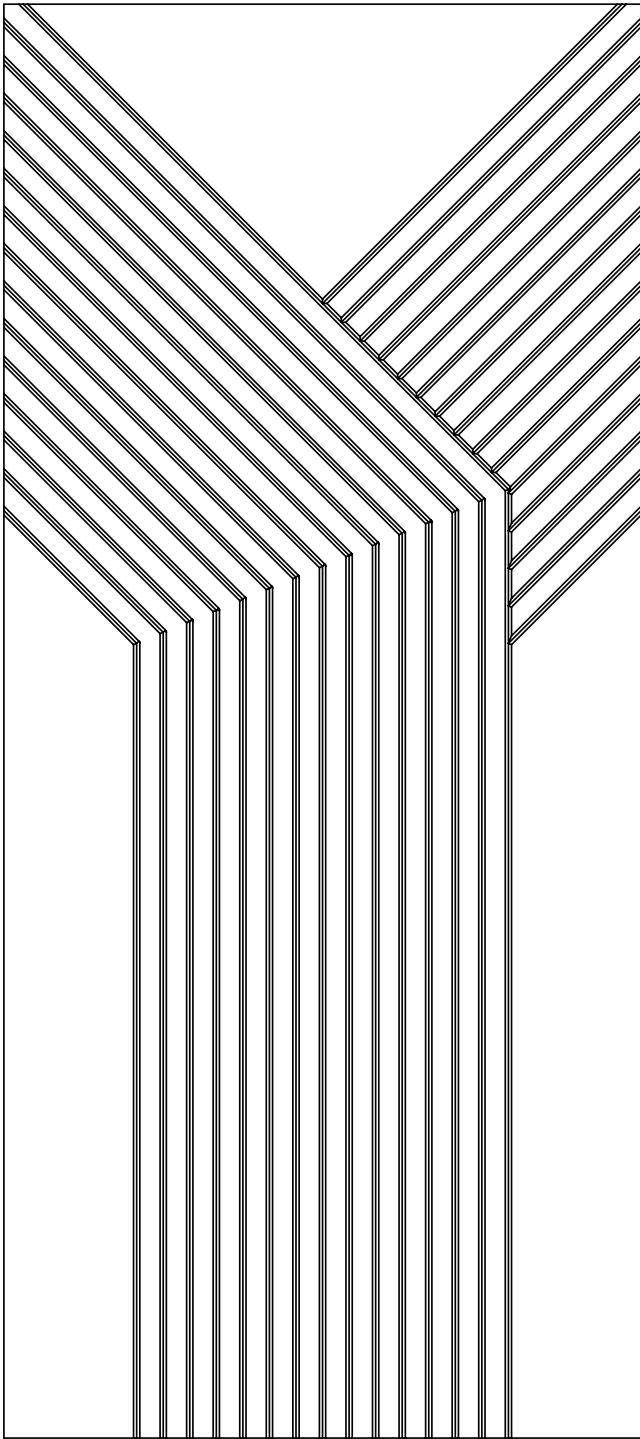


Layout 3

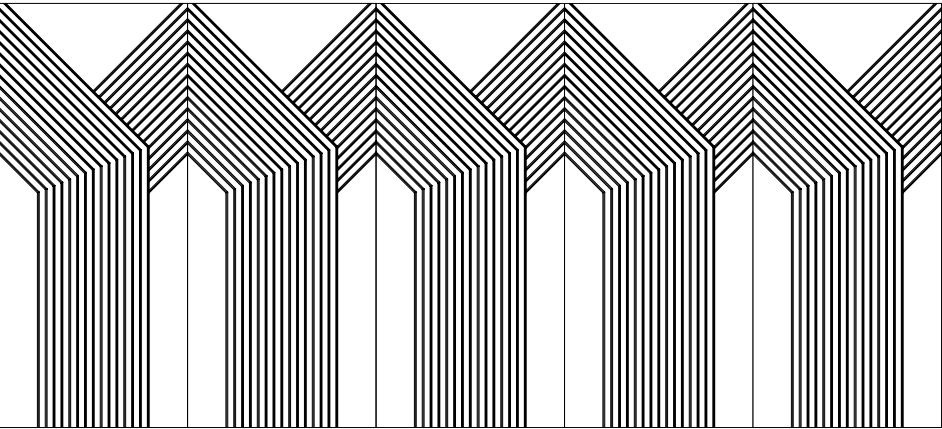


Layout 4

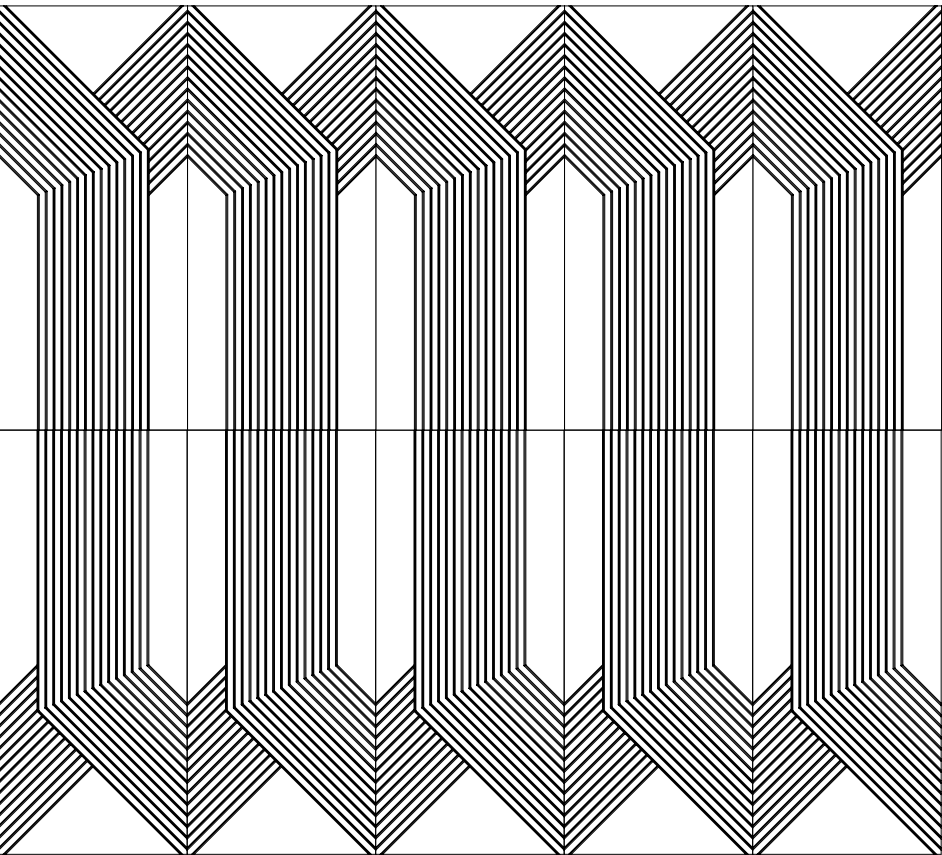
Rowhouse Pattern



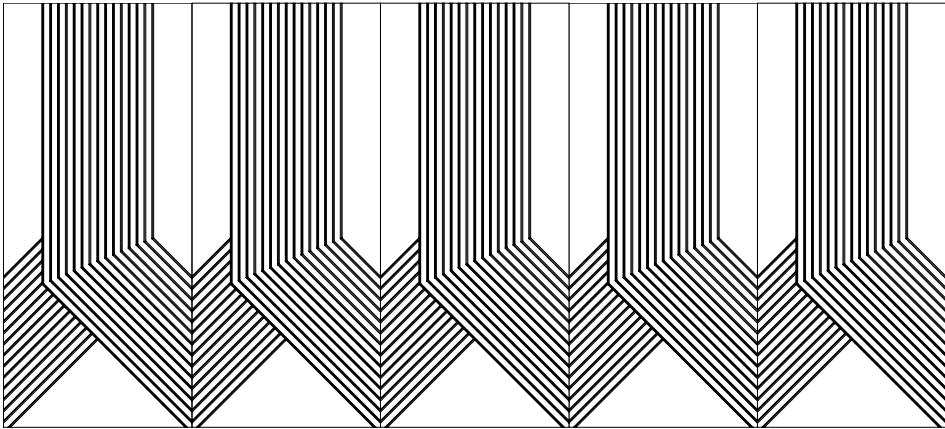
Recommended Layouts



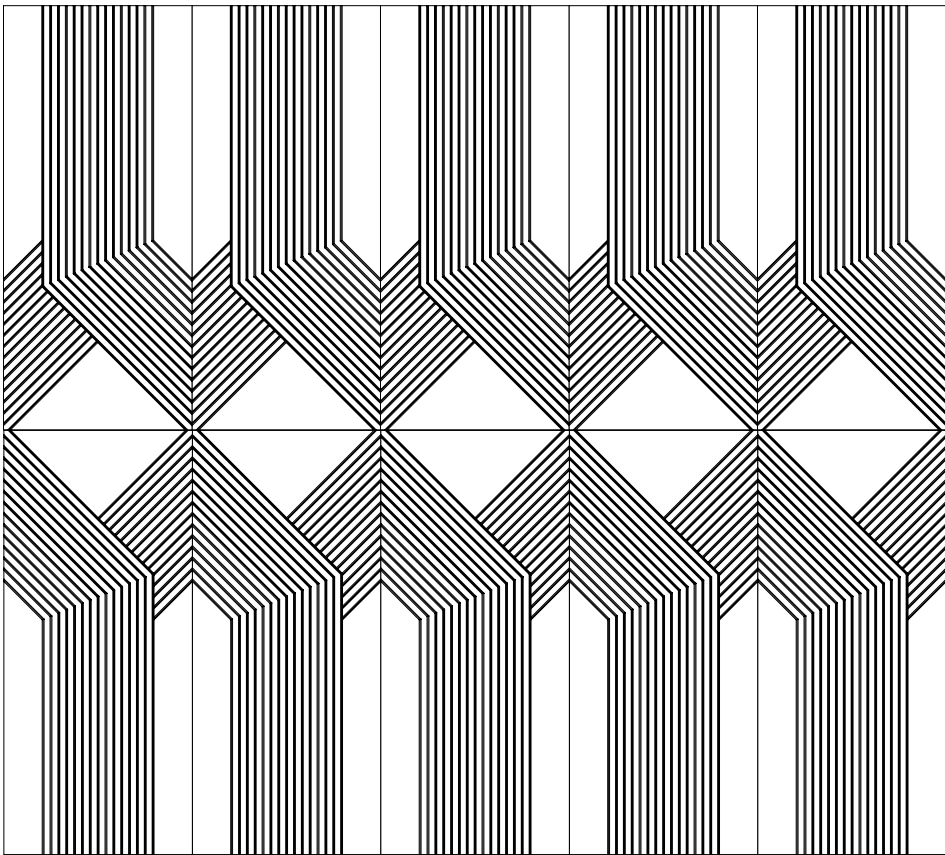
Layout 1



Layout 3

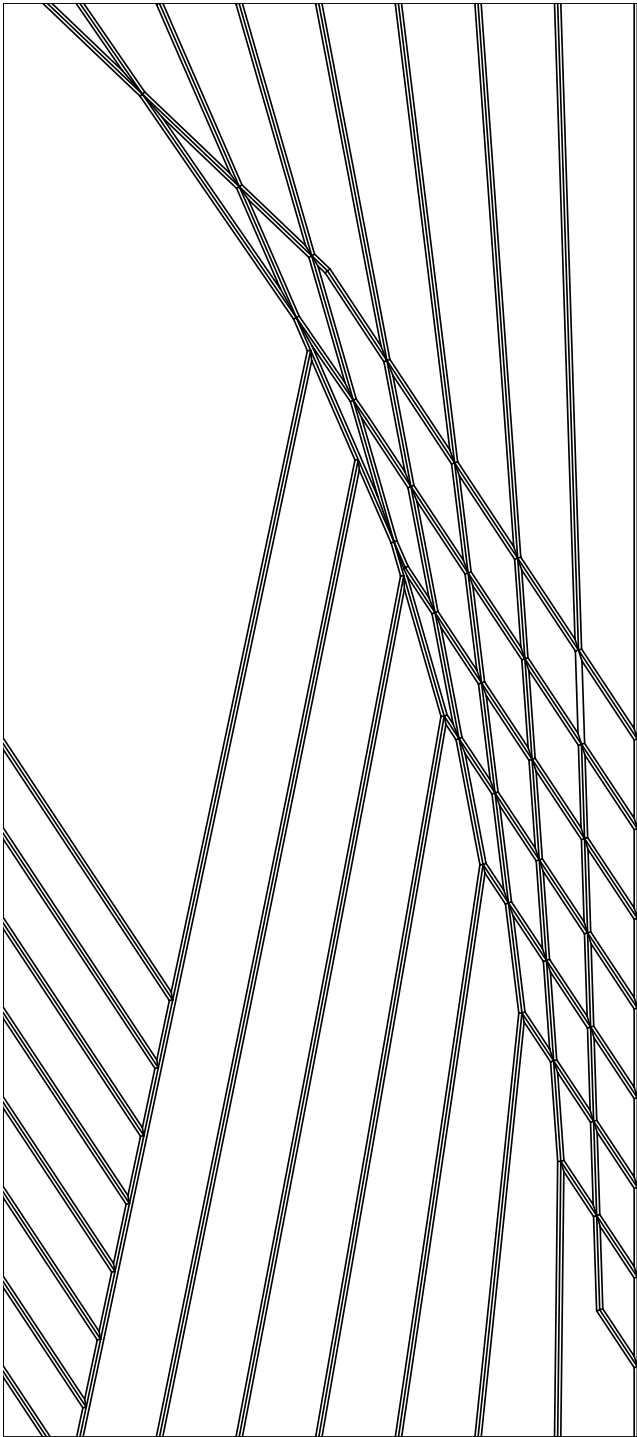


Layout 2

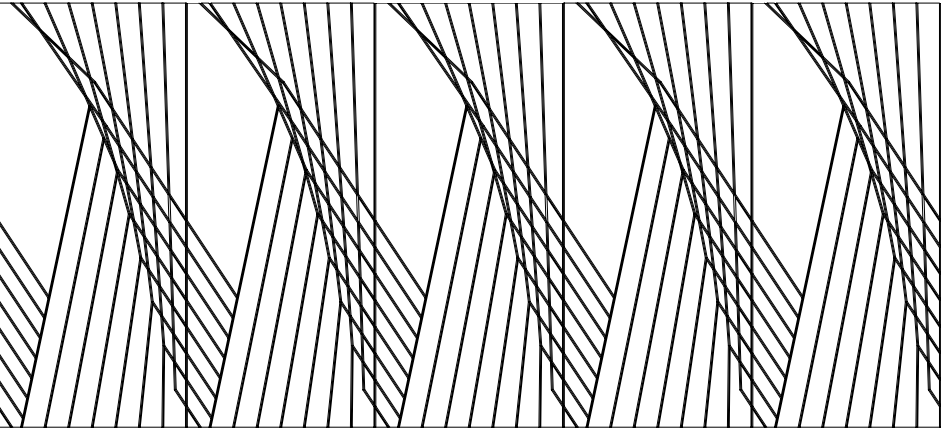


Layout 4

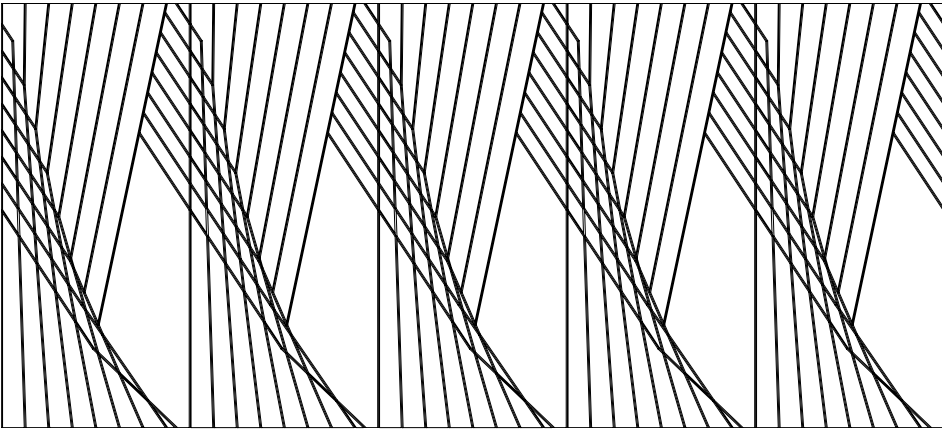
Spirograph Pattern



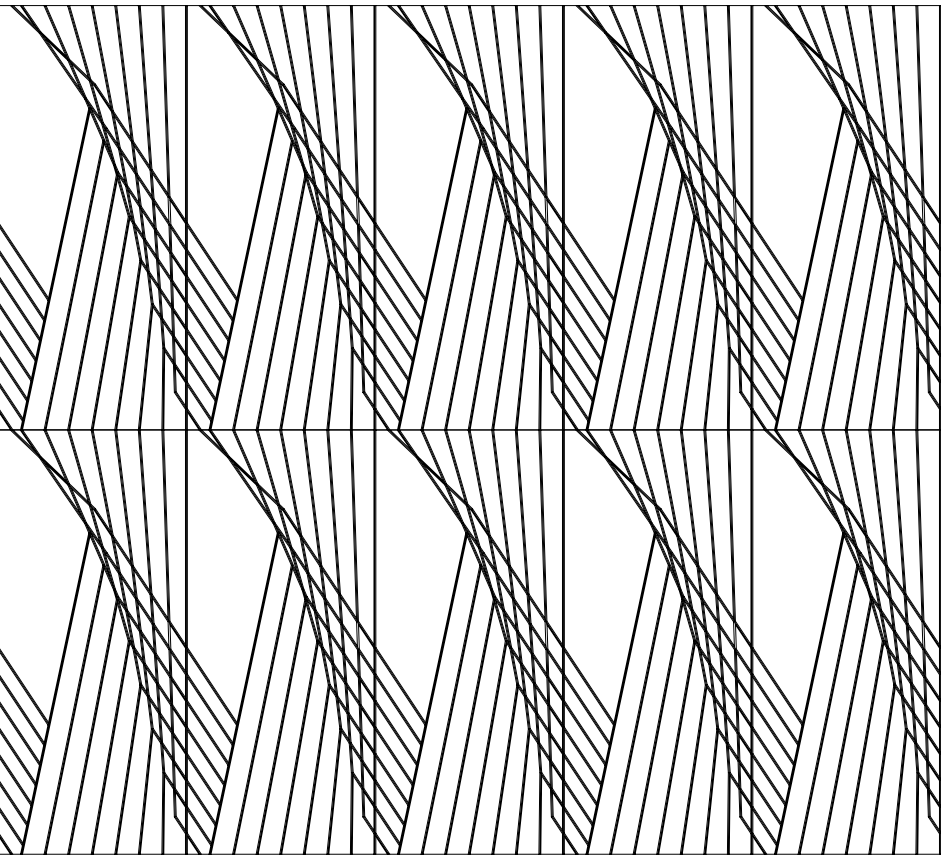
Recommended Layouts



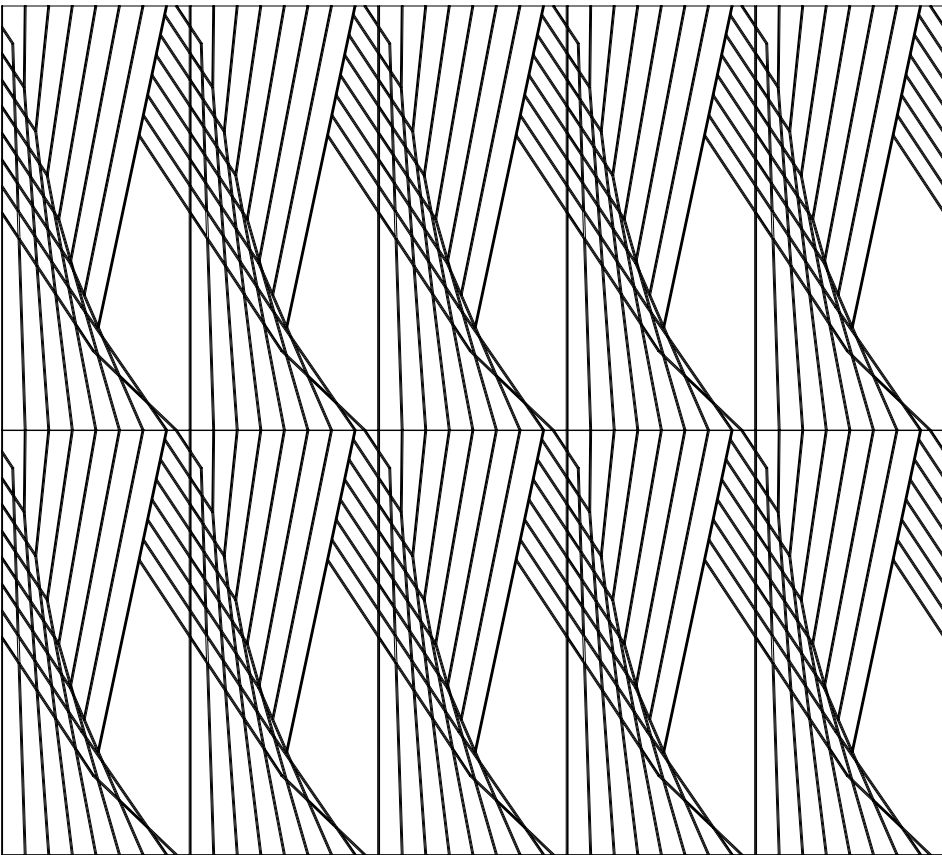
Layout 1



Layout 2

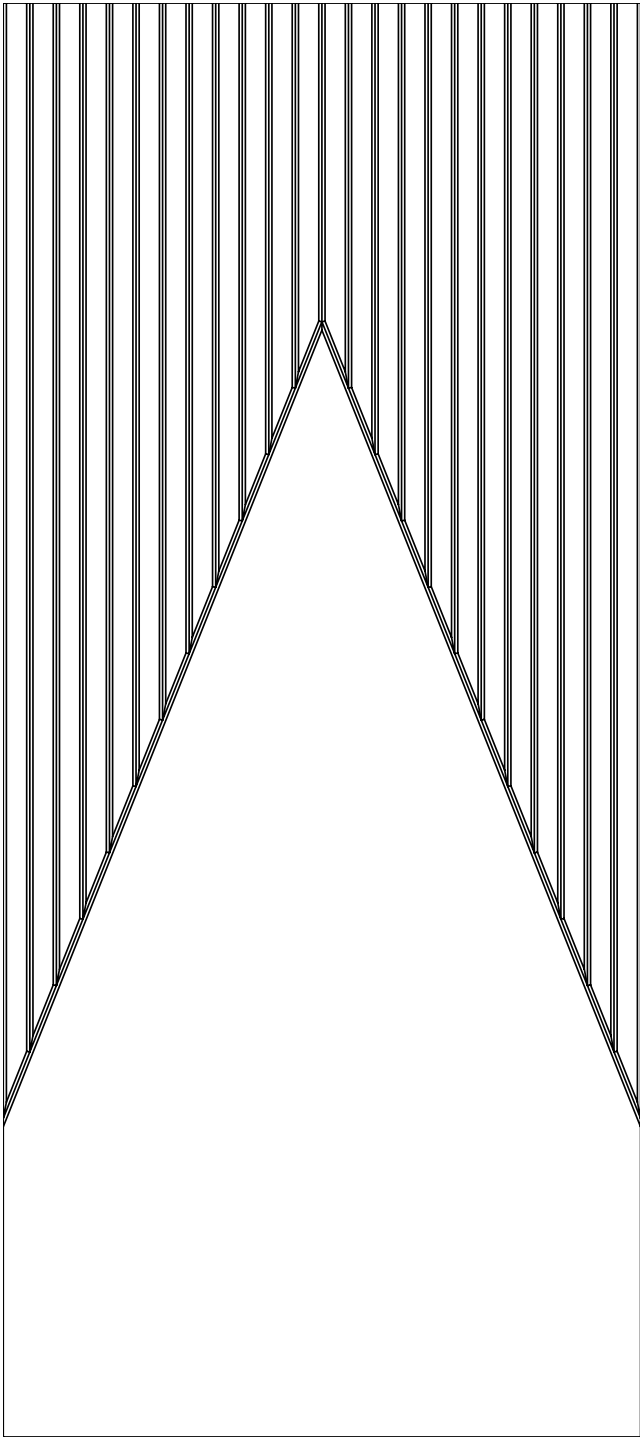


Layout 3

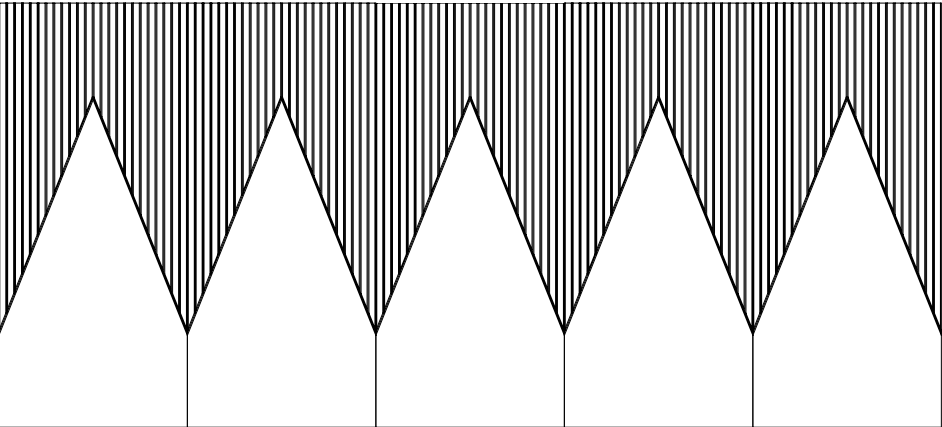


Layout 4

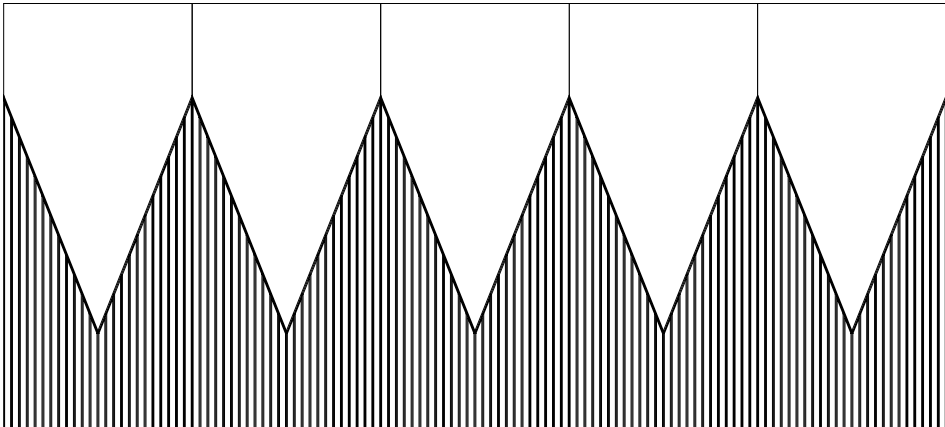
Summit Pattern



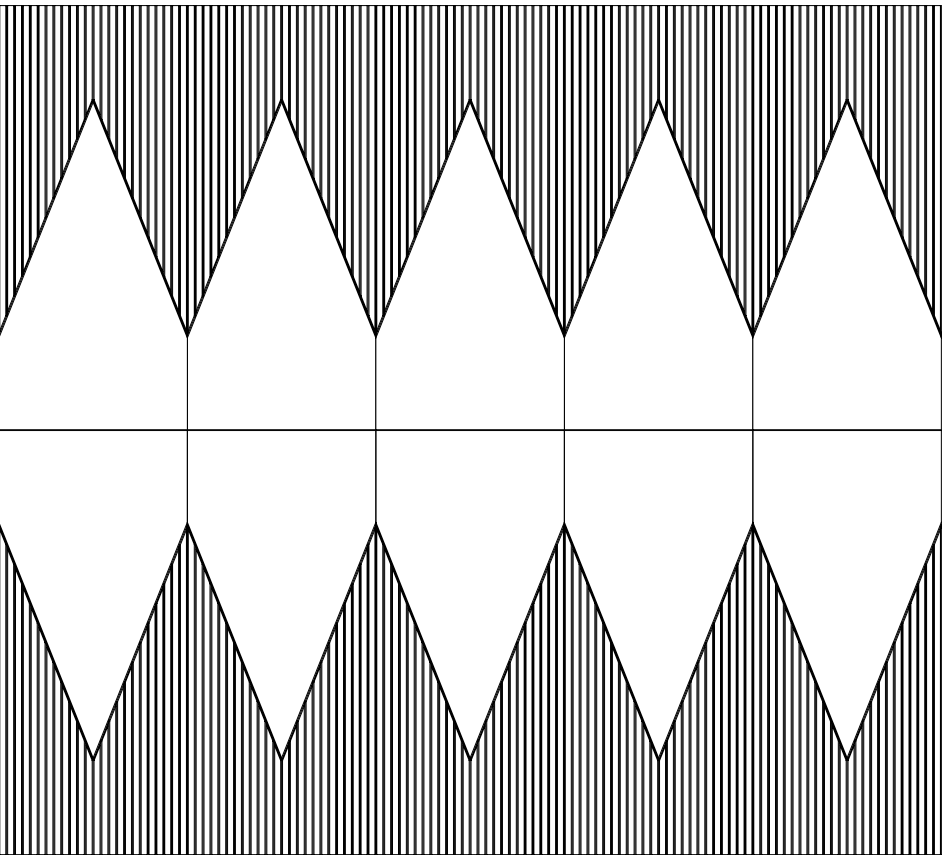
Recommended Layouts



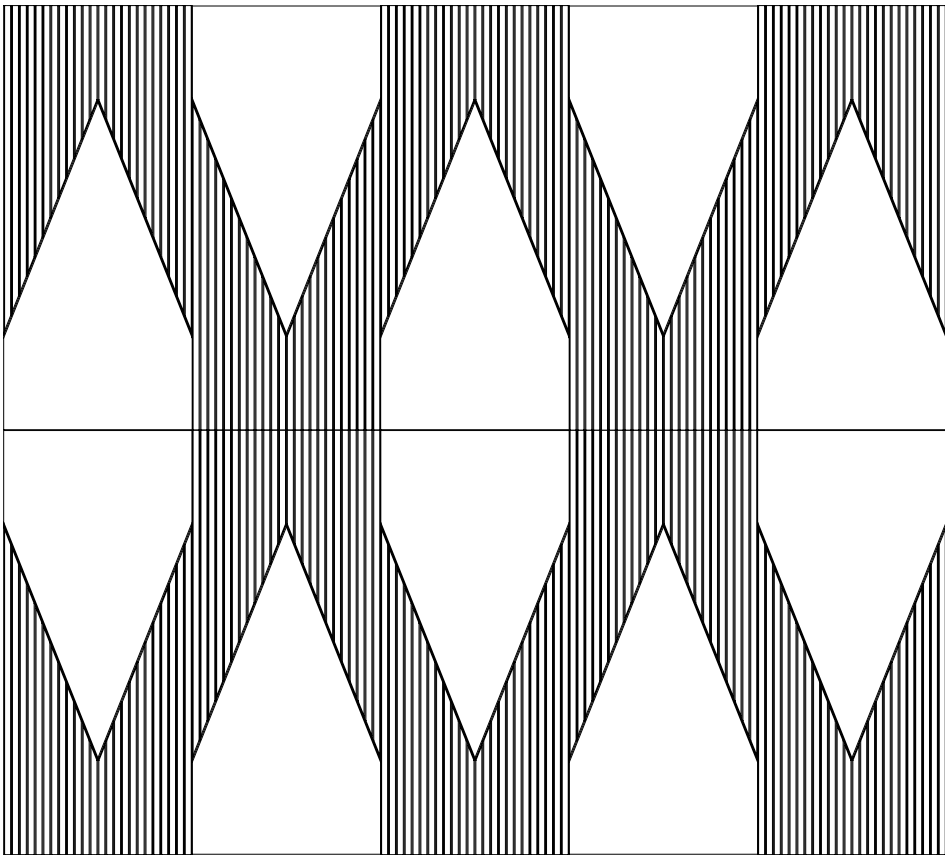
Layout 1



Layout 2

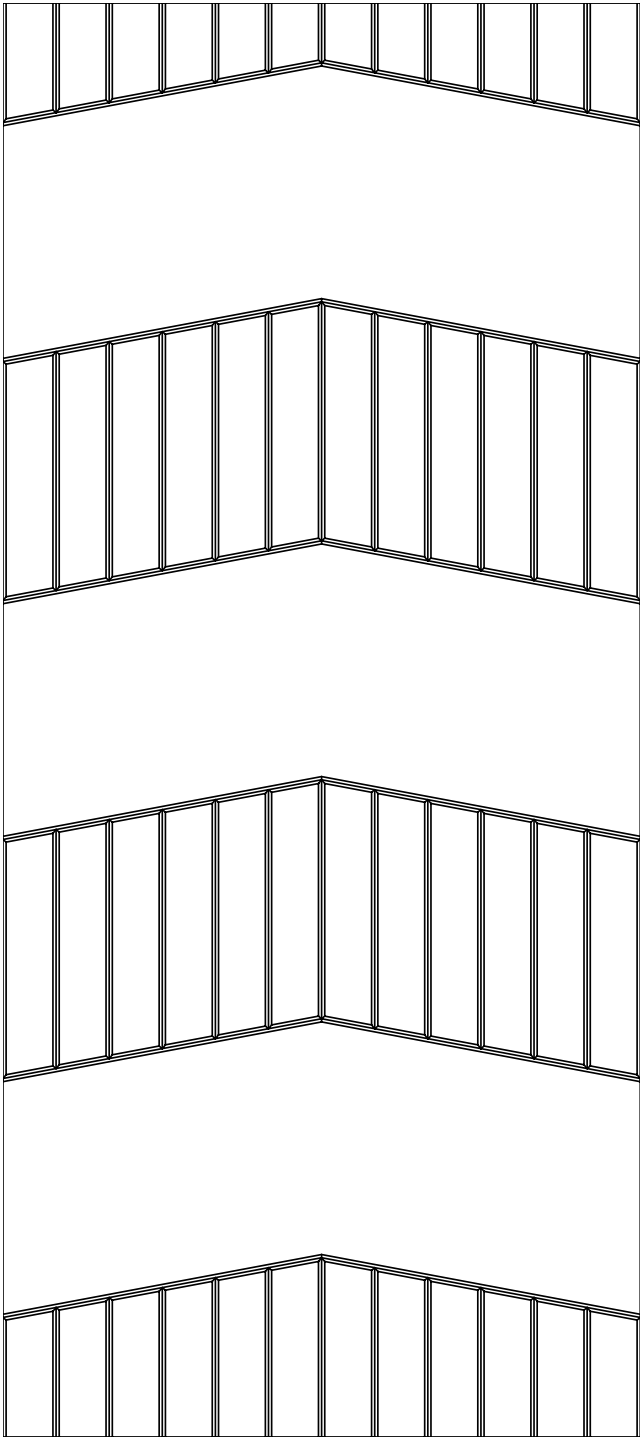


Layout 3

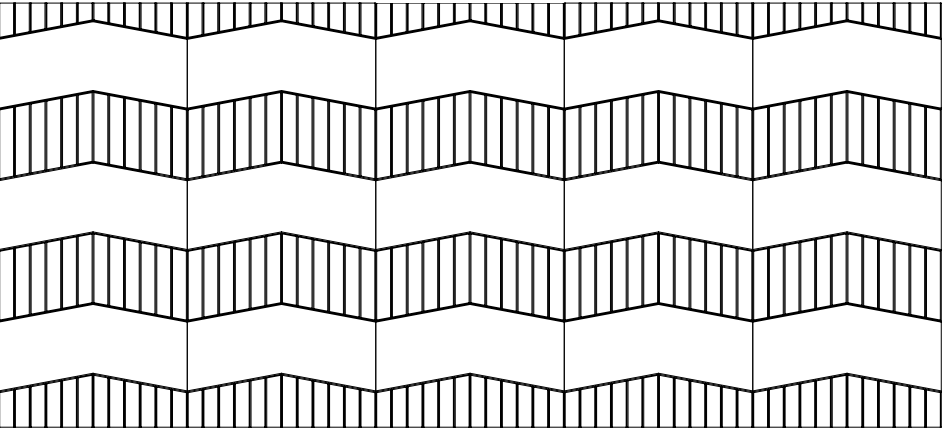


Layout 4

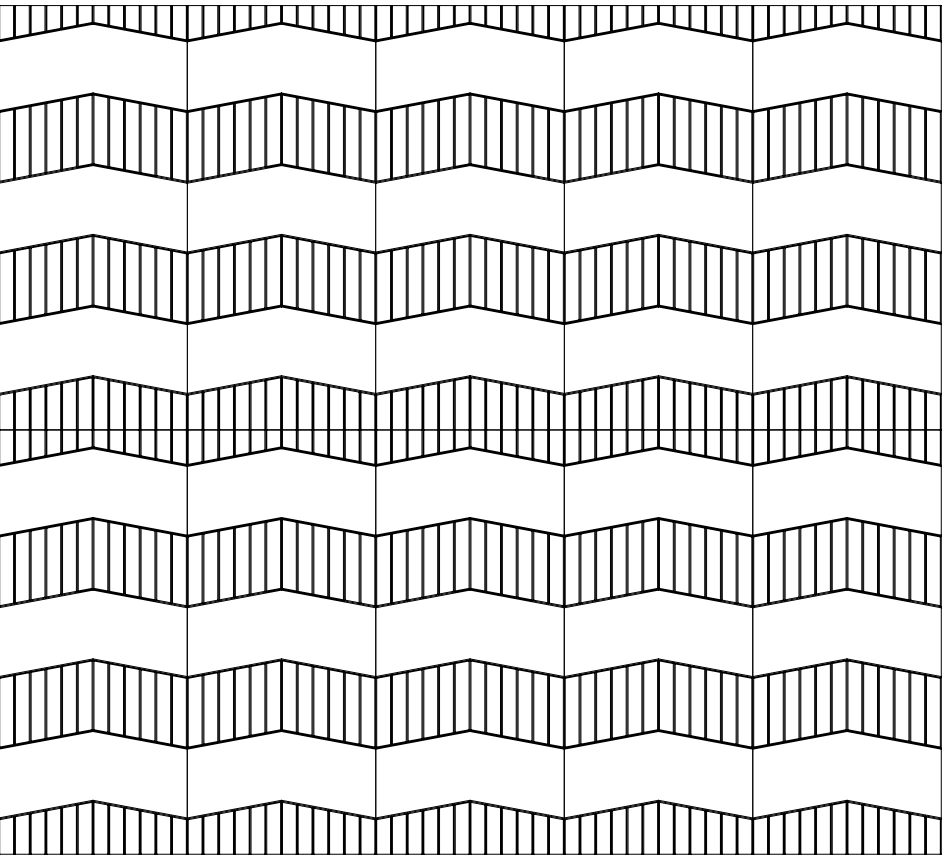
Track Pattern



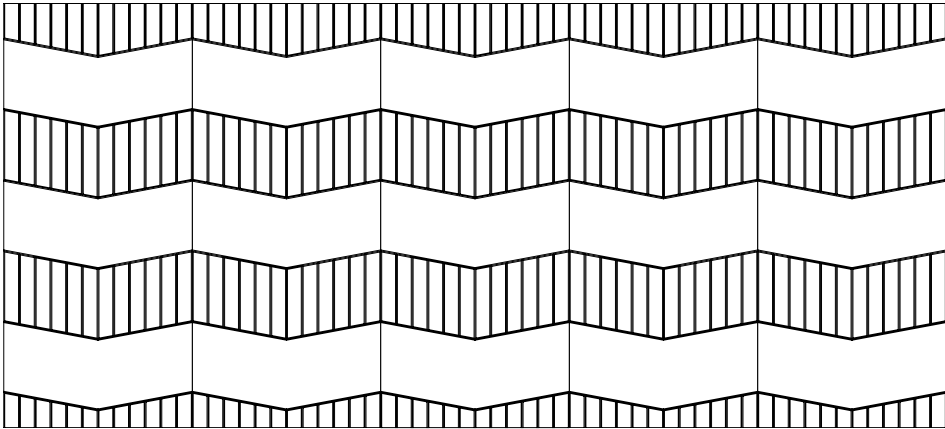
Recommended Layouts



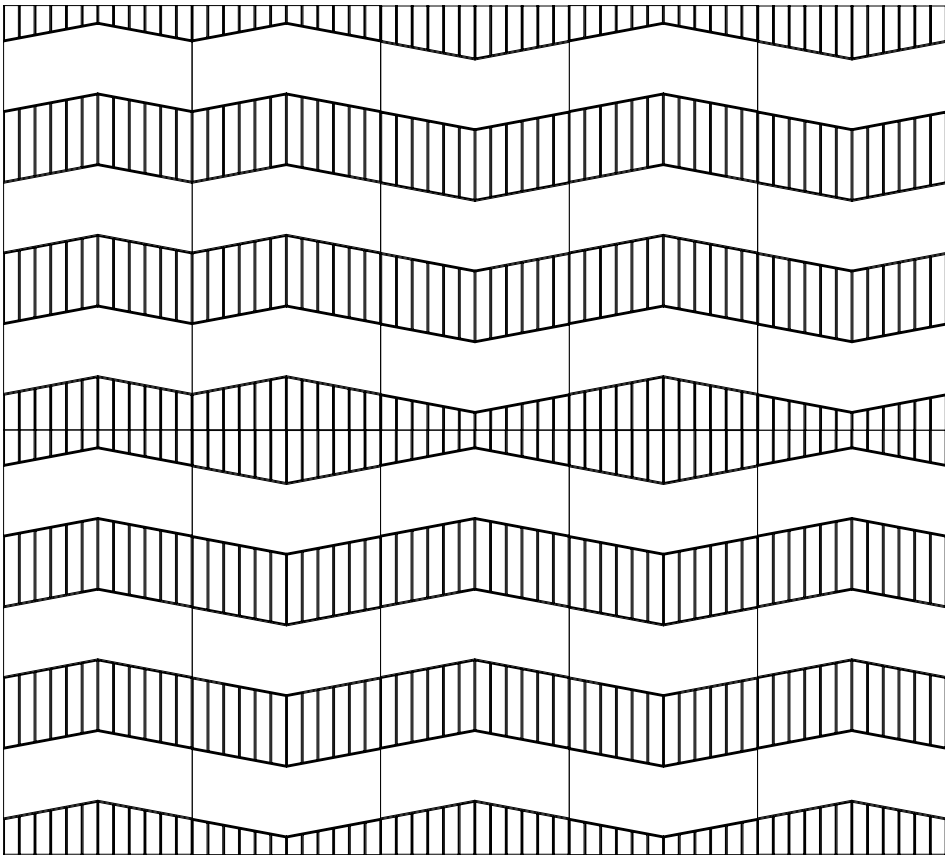
Layout 1



Layout 3

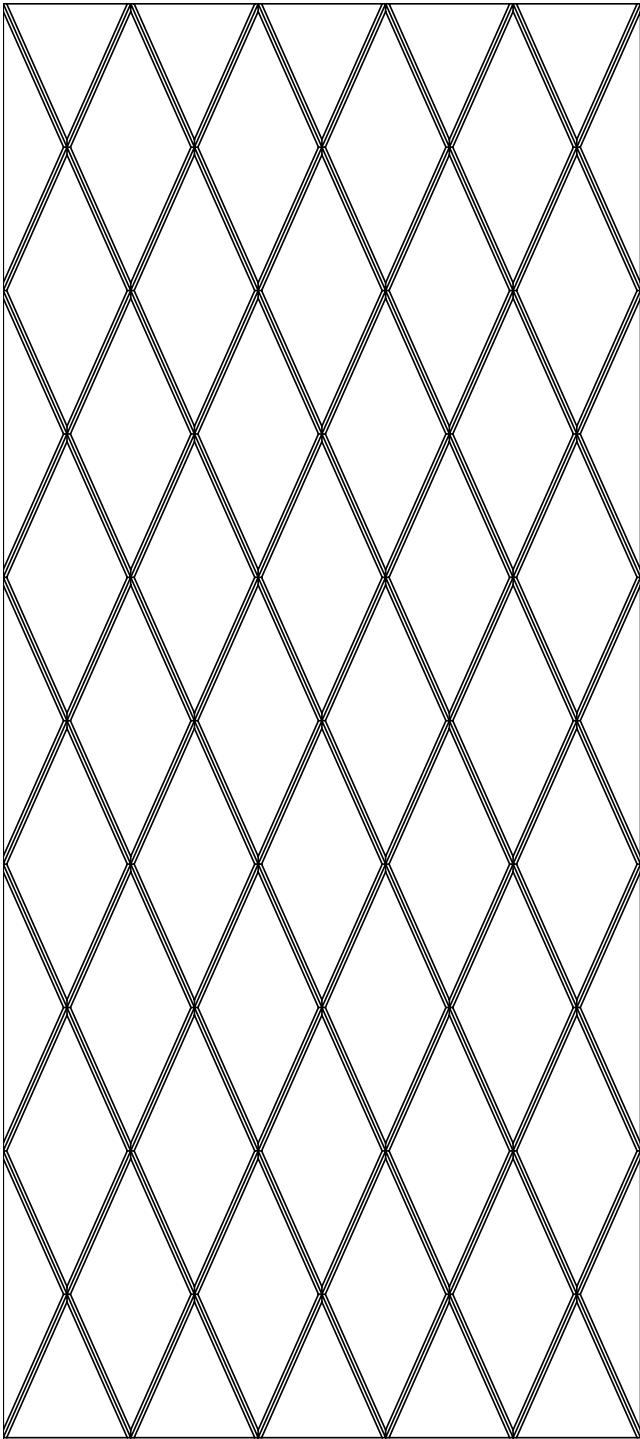


Layout 2

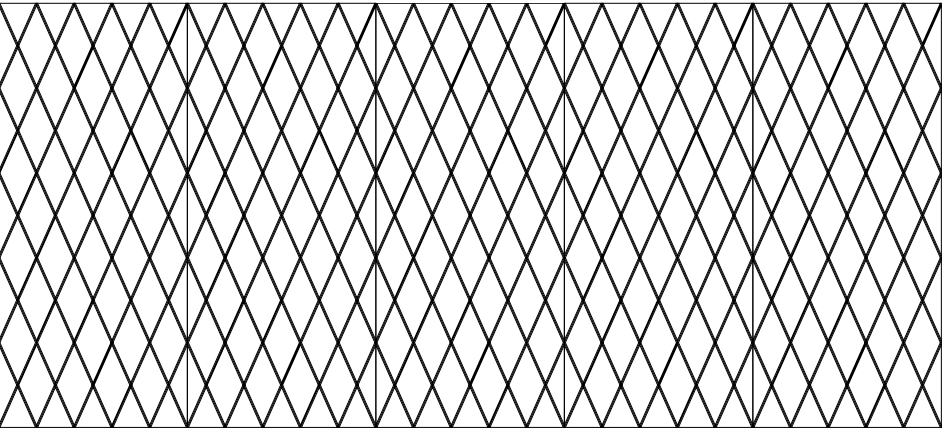


Layout 4

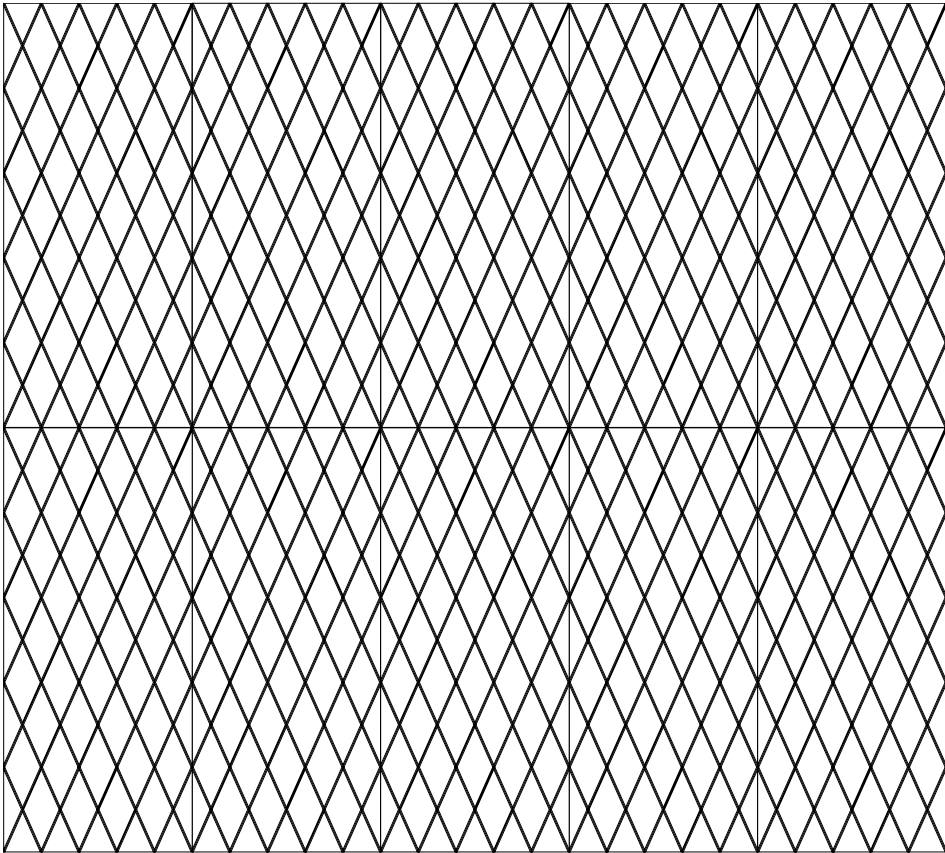
Trellis Pattern



Recommended Layouts

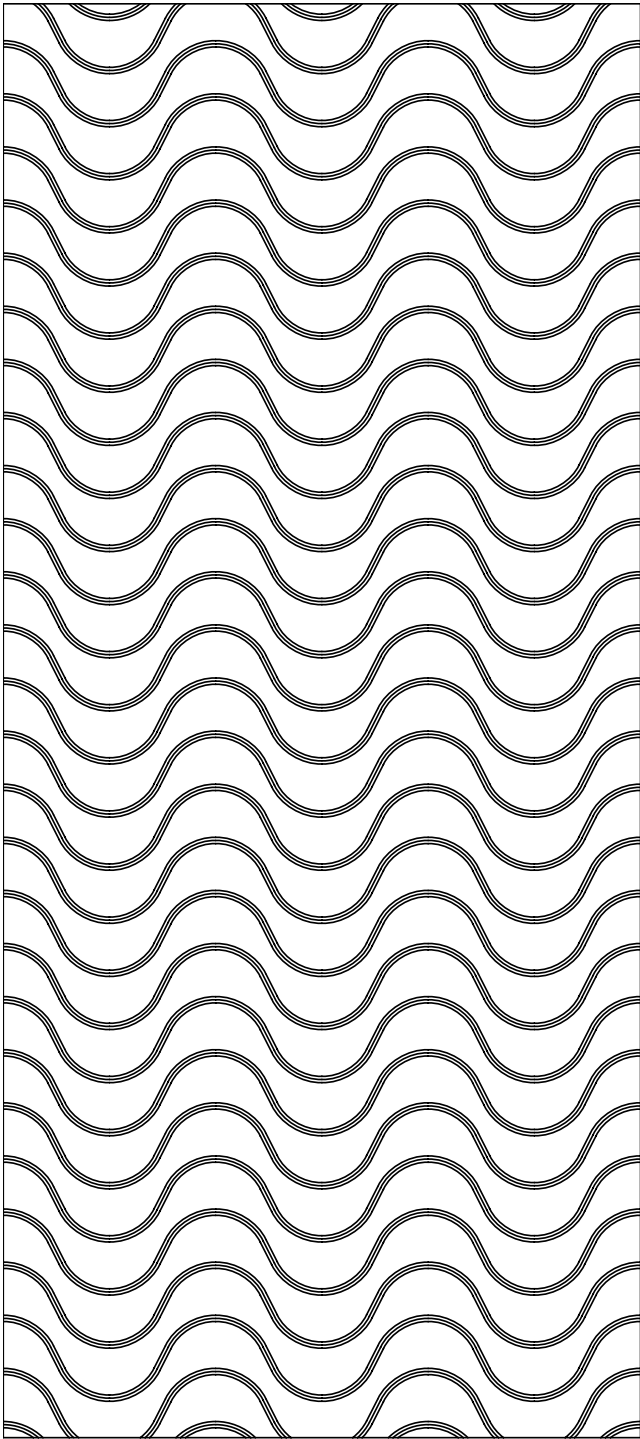


Layout 1

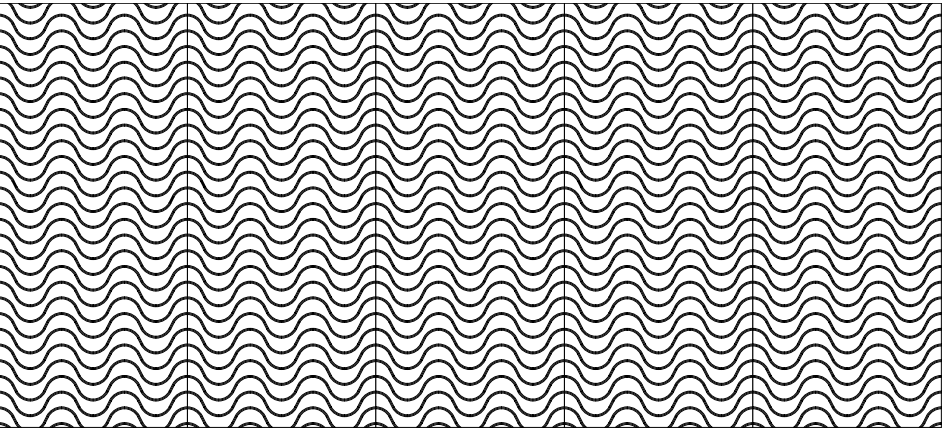


Layout 2

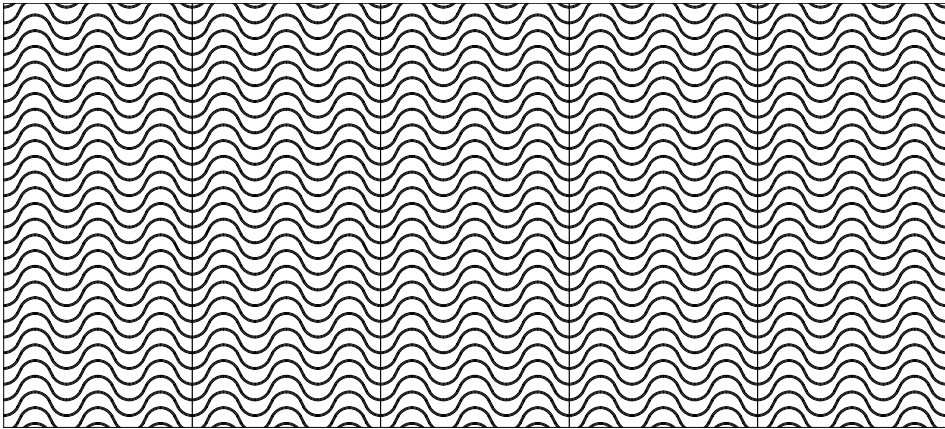
Wavelength Pattern



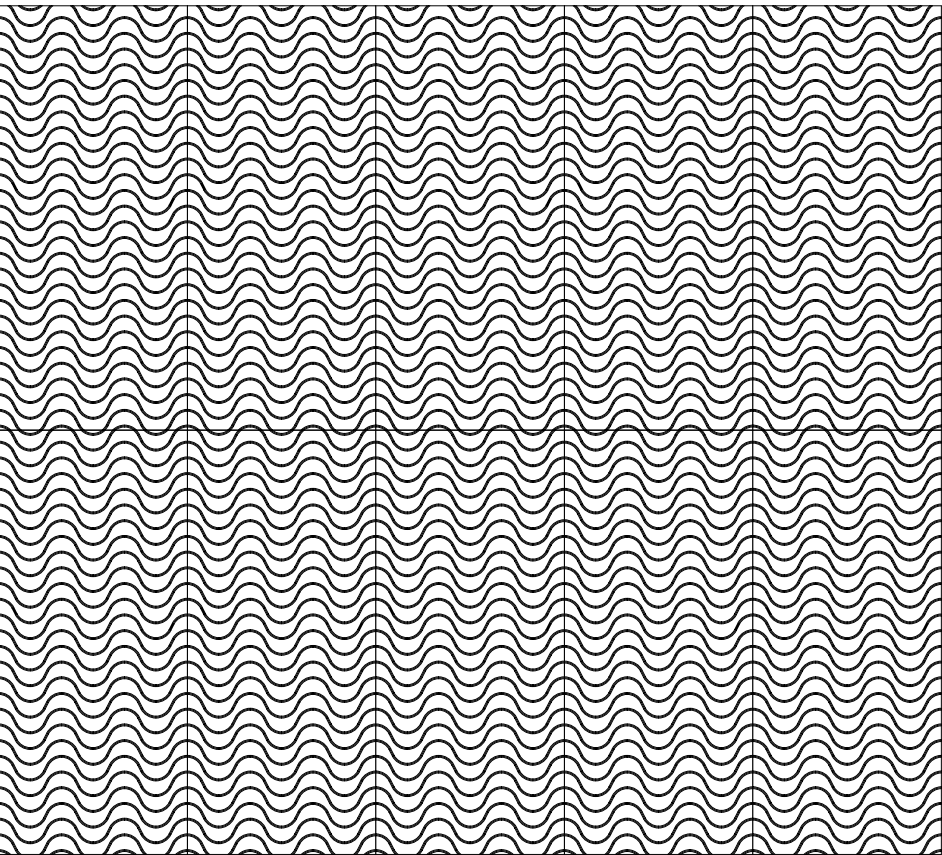
Recommended Layouts



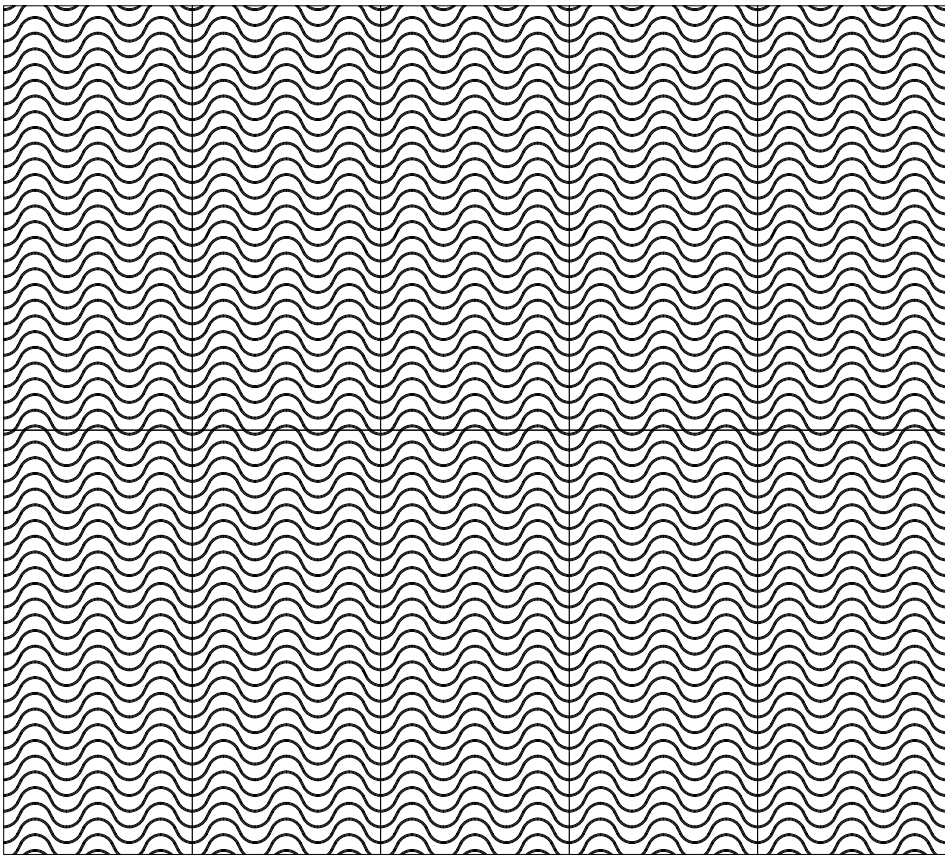
Layout 1



Layout 2



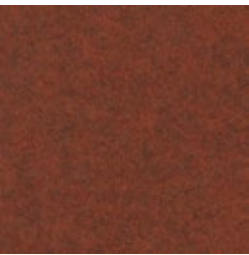
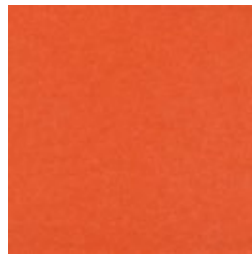
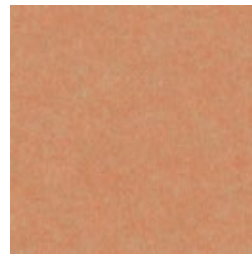
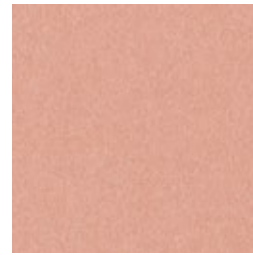
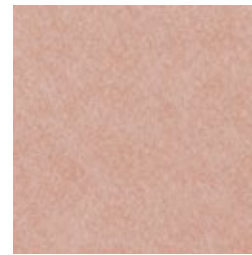
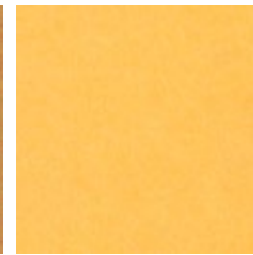
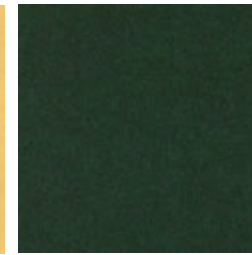
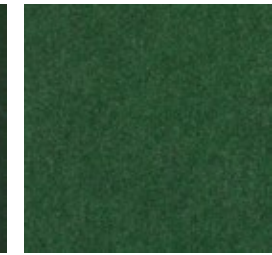
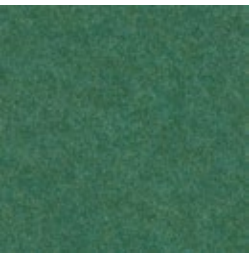
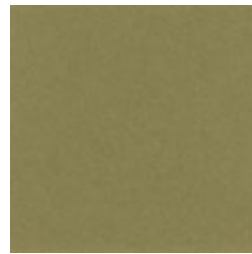
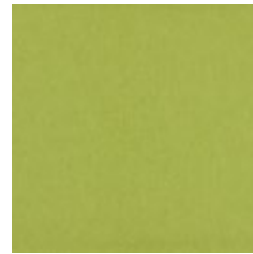
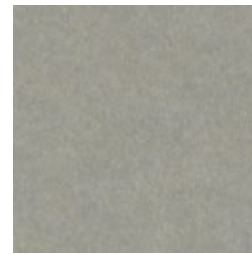
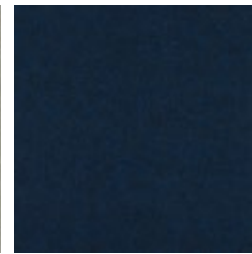
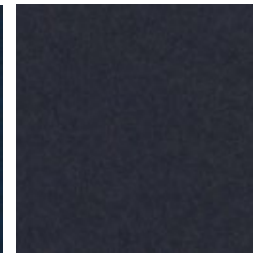
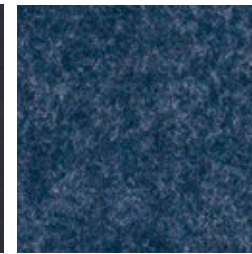
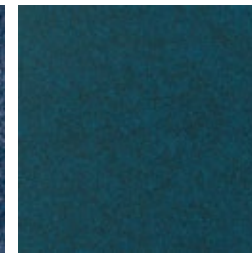
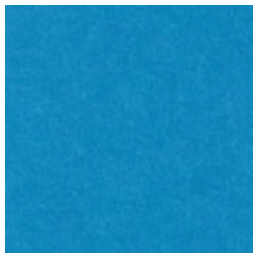
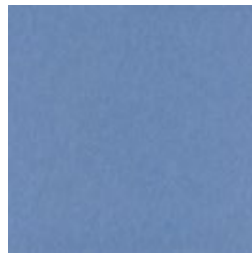
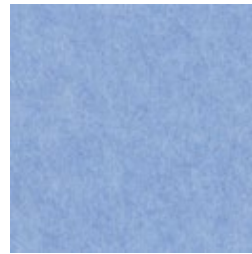
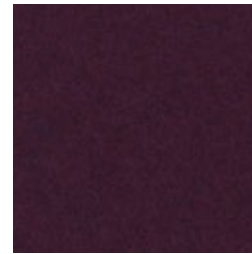
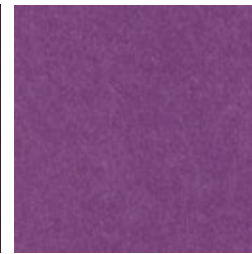
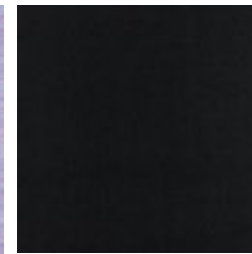
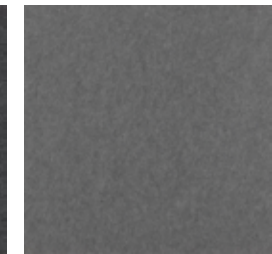
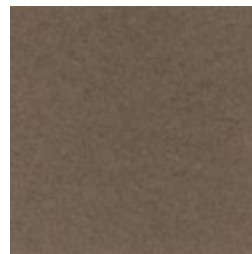
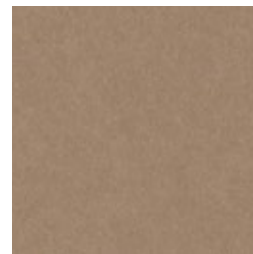
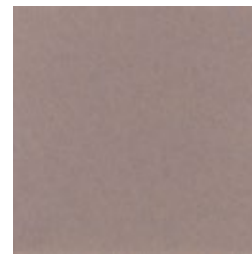
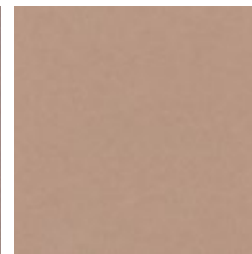
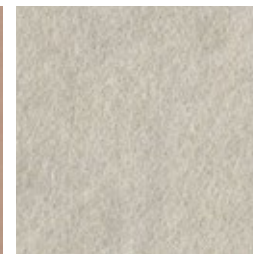
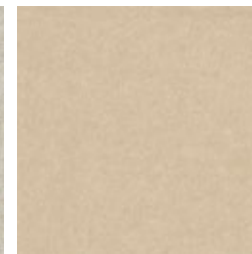
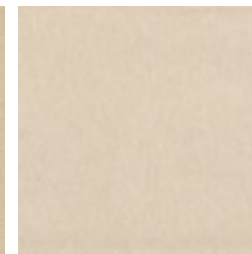
Layout 3



Layout 4

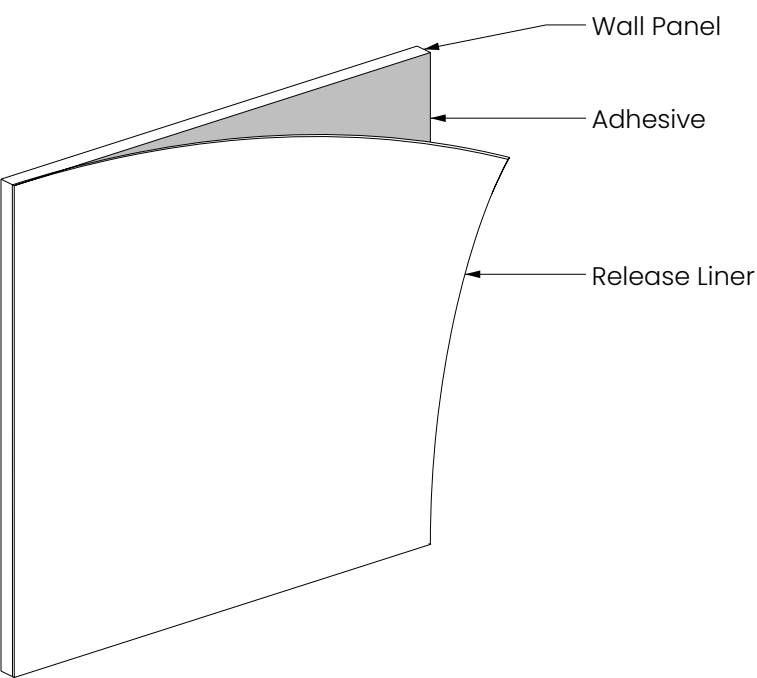
Colorways

Light Reflectance Values (LRV), are **a measure of the percentage of visible and usable light that is reflected from a surface** when illuminated by a light source.

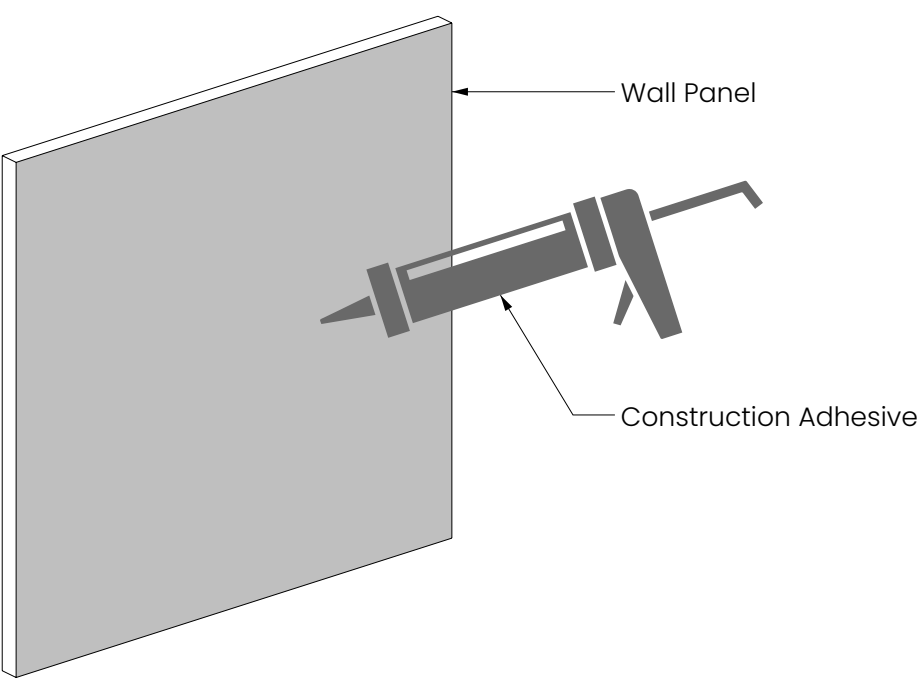
										
Peppercorn LRV – 8.50%	Currant LRV – 7.04%	Carrot LRV – 20.00%	Peach LRV – 29.00%	Flamingo LRV – 37.54%	Valentine LRV – 47.13%	Turmeric LRV – 29.59%	Popcorn LRV – 65.00%	Wheat LRV – 61.28%	Kale LRV – 4.50%	Oregano LRV – 8.80%
										
Thistle LRV – 13.00%	Sencha LRV – 34.15%	Celery LRV – 43.64%	Eucalyptus LRV – 17.98%	Wasabi LRV – 38.00%	Pistachio LRV – 30.00%	Midnight LRV – 3.50%	Flint LRV – 5.14%	Granite LRV – 6.40%	Denim LRV – 6.00%	Iris LRV – 10.50%
										
Peacock LRV – 19.00%	Azur LRV – 18.00%	Marine LRV – 25.00%	Periwinkle LRV – 36.00%	Sea Salt LRV – 28.56%	Shiraz LRV – 3.99%	Berry LRV – 12.00%	Lilac LRV – 39.00%	Piano Black LRV – 3.00%	Charcoal LRV – 5.46%	Slate LRV – 12.50%
										
Grey 27.00%	Metal LRV – 35.00%	Platinum LRV – 42.00%	Walnut LRV – 12.14%	Umber LRV – 20.35%	Amethyst LRV – 29.49%	Quartz LRV – 36.85%	Almond LRV – 53.64%	Ivory LVR – 40.00%	Pearl LRV – 54.00%	White LRV – 83.22%

Mounting Methods

Peel and Stick Backing

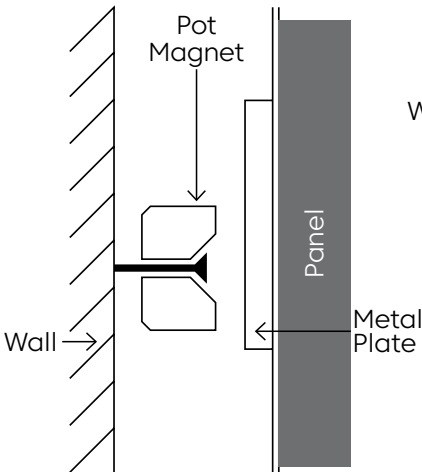


Construction Adhesive

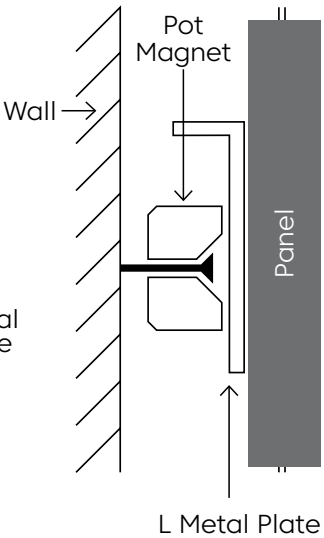


Pot Magnet Install

Wall Pot Magnet Install
Metal Plate



Wall Pot Magnet Install
L Plate + Metal Plate



L Plate Wall + Metal
Plate Configuration

○ L Metal Plate × Metal Plate

