



Fracture Panel

FilaSorb™ 12

acoufelt
making quiet

Product Detail

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Dimensions	1220 x 2760mm Custom size available upon request
Thickness	12mm +/- 10%

Guarantees

Warranty against defects 20 years*
Light fastness 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.

Technical Data

Fire rating	AS/ISO 9705.1, Group 1 ASTM E84-17a, Class A EN 13501-1: 2019, B-s1, d0
Indoor air quality	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017, ≤ 0.5mg/m ³
Color fastness	ISO 105-B02, 6-7

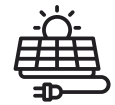
Sustainability



Made from 60% min. recycled content



Red List Free Declare Label (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end-of-life



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

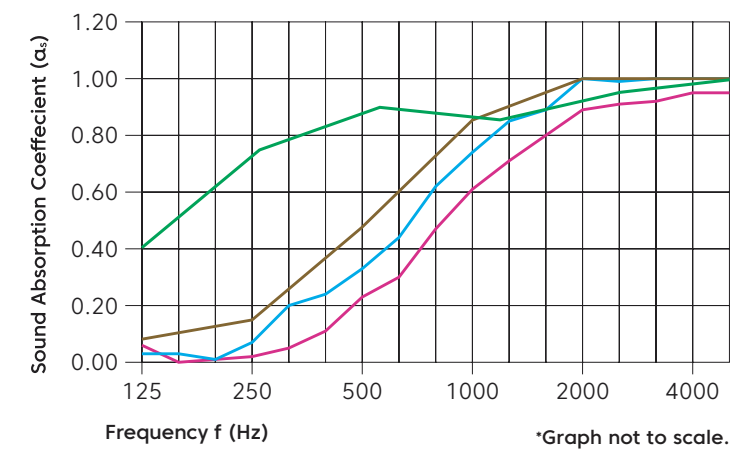


Phenol & formaldehyde free



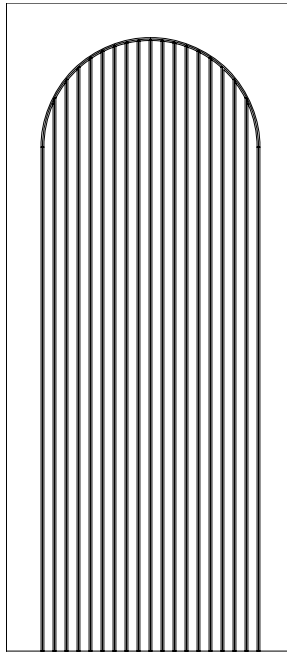
Acoustic Performance

Test method	ISO 354-2006
Results	NRC 0.45 (no air gap) NRC 0.54 (12mm air gap) NRC 0.64 (20mm air gap) NRC 0.85 (200mm air gap)

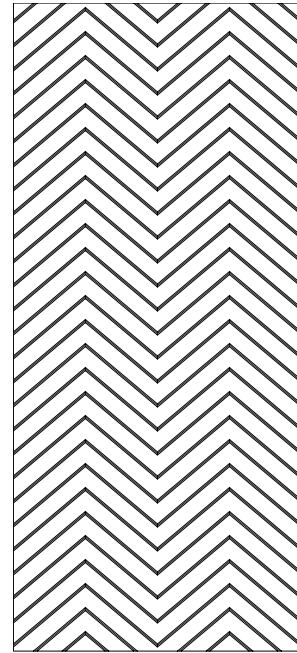


Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α _s no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
α _s 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
α _s 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64
α _s 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85

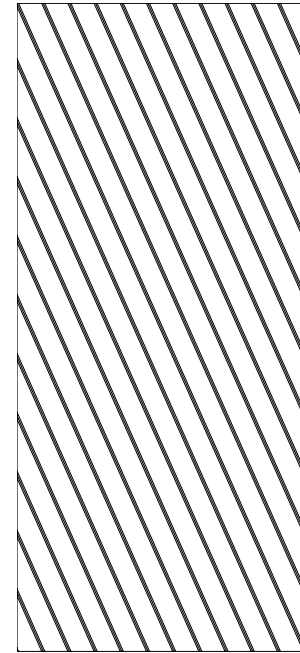
Designs



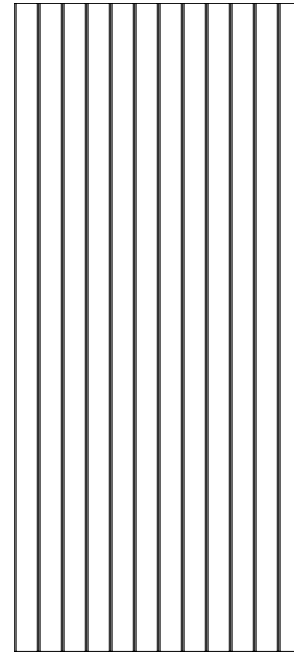
Arch



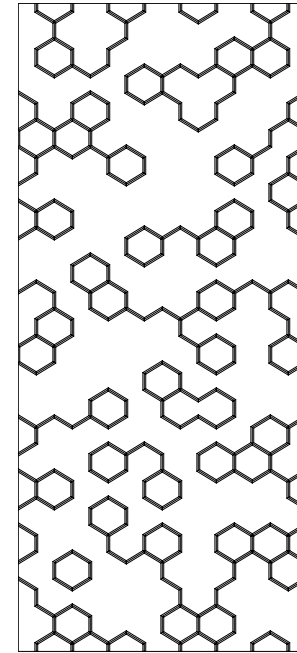
Chevron



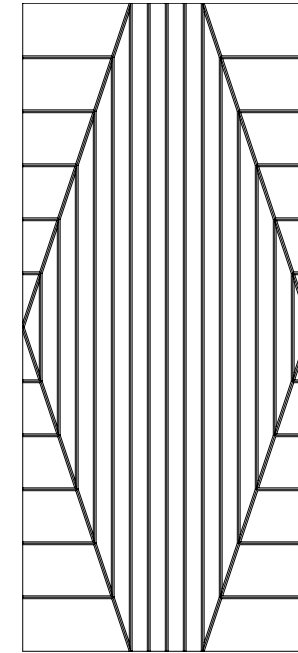
Diagonal



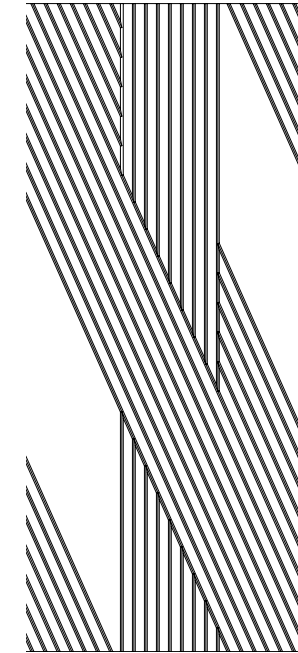
Fineline



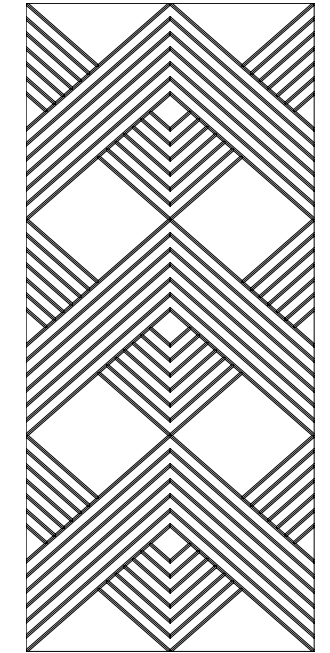
Formula



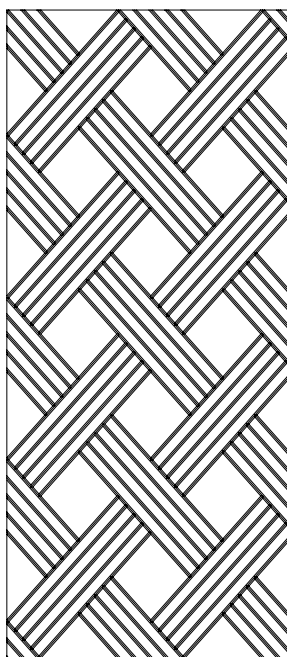
Harlequin



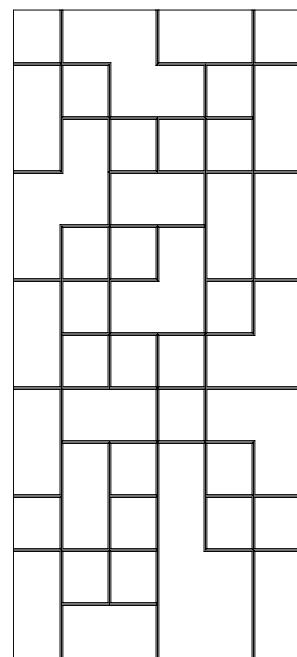
Intersect



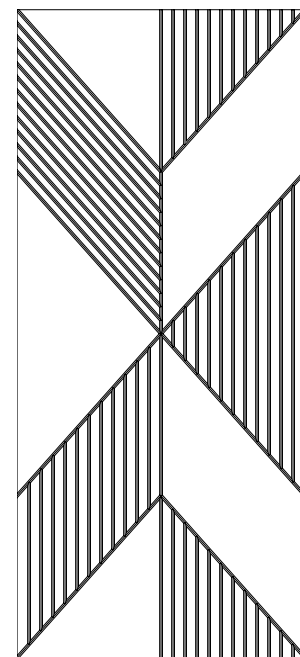
Knit



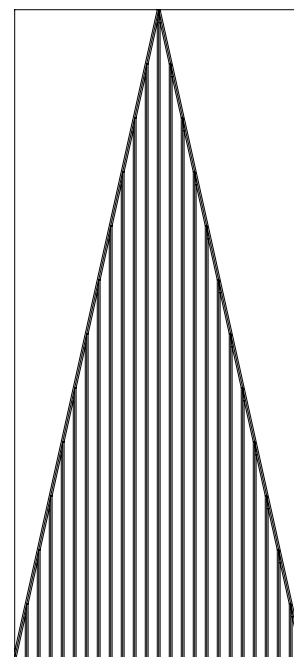
Lattice



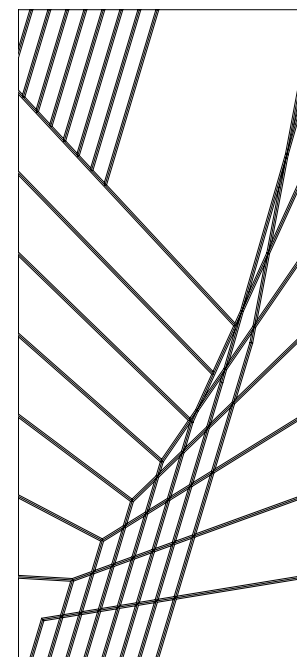
Maze



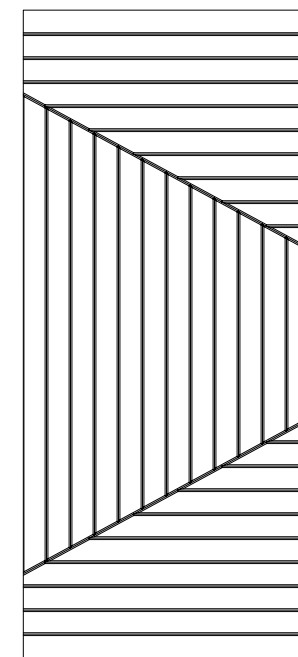
Metropolis



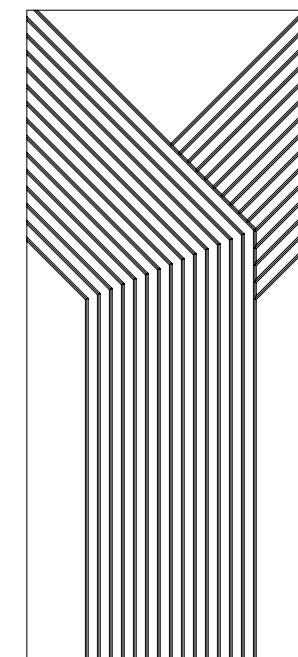
Pennant



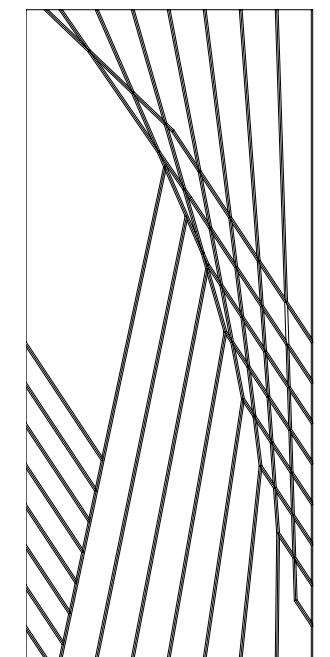
Prism



Pulse



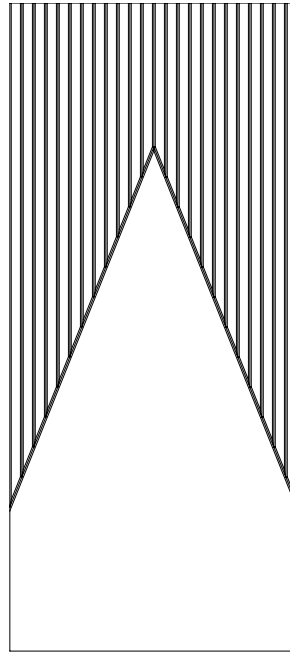
Rowhouse



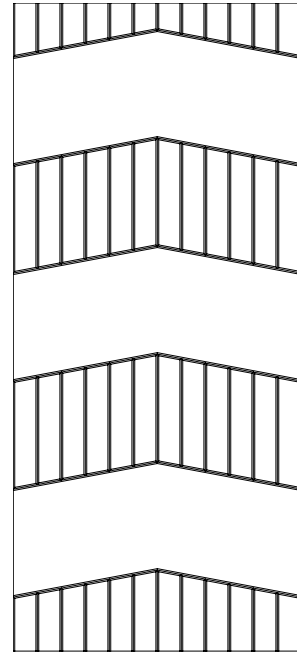
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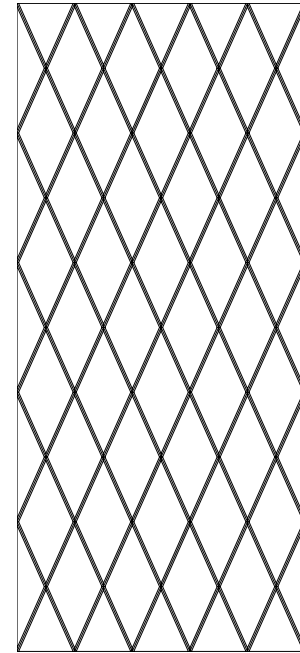
Designs



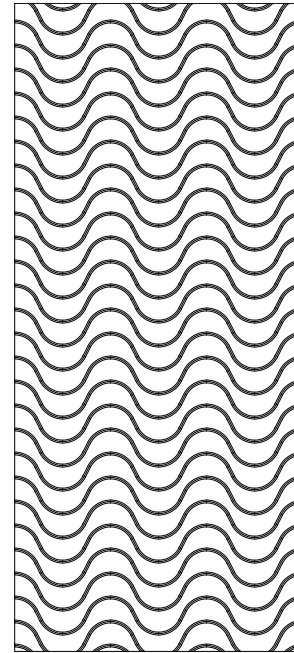
Summit



Track

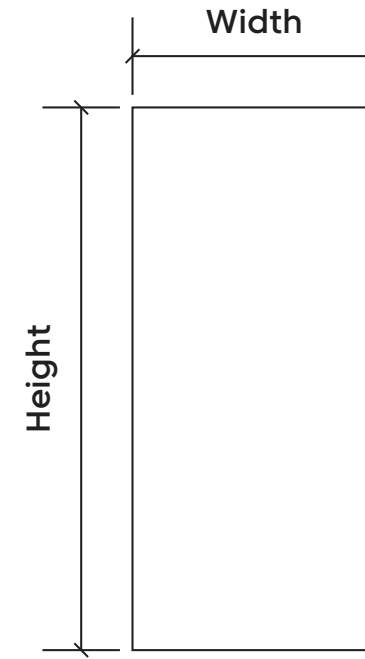


Trellis



Wavelength

Product Drawing

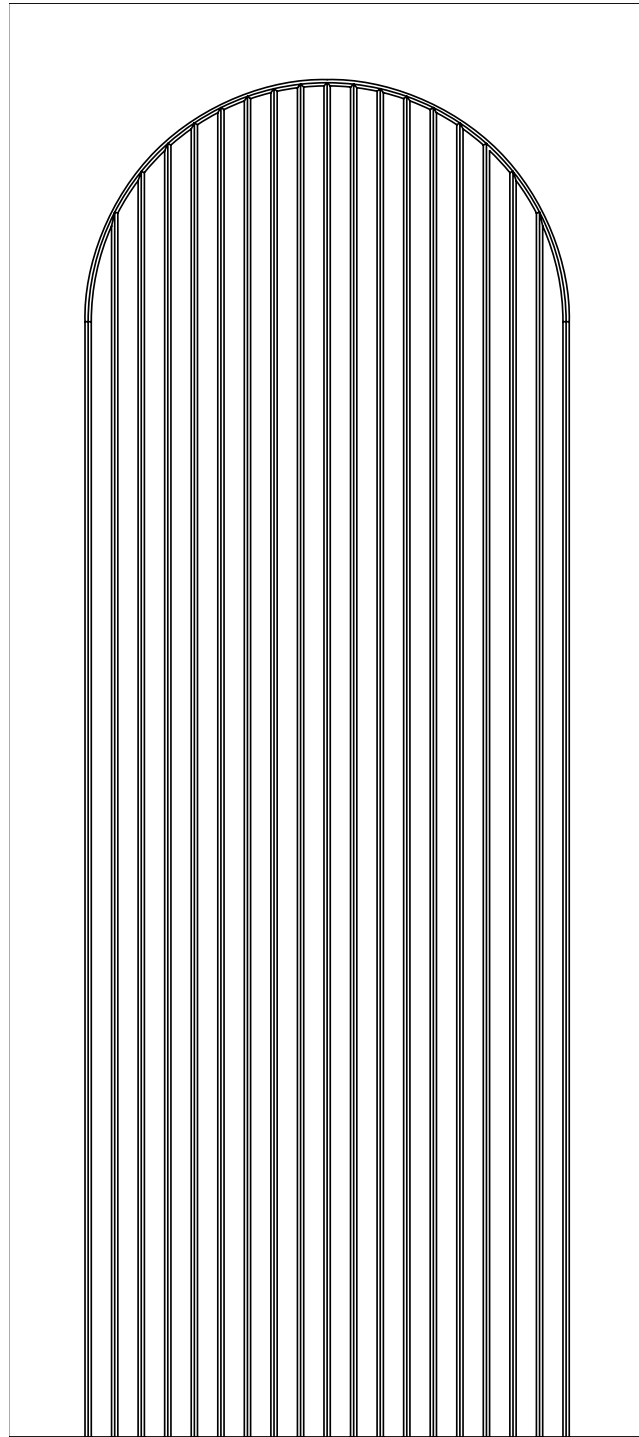


Elevation

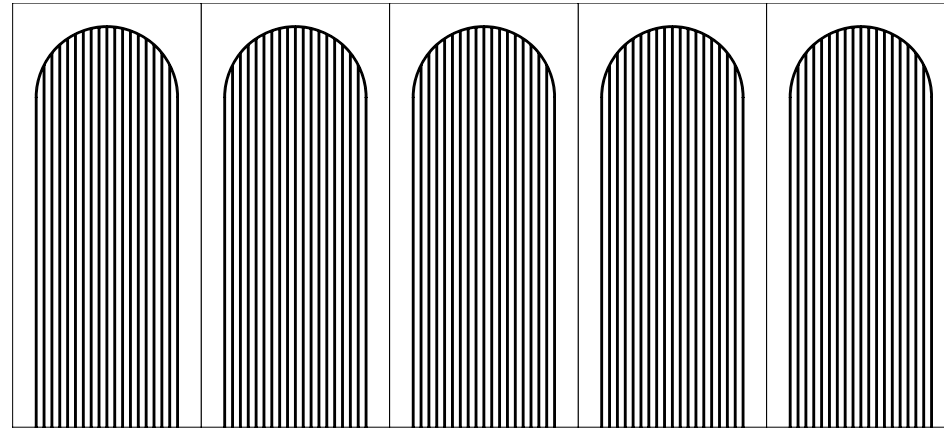


Perspective

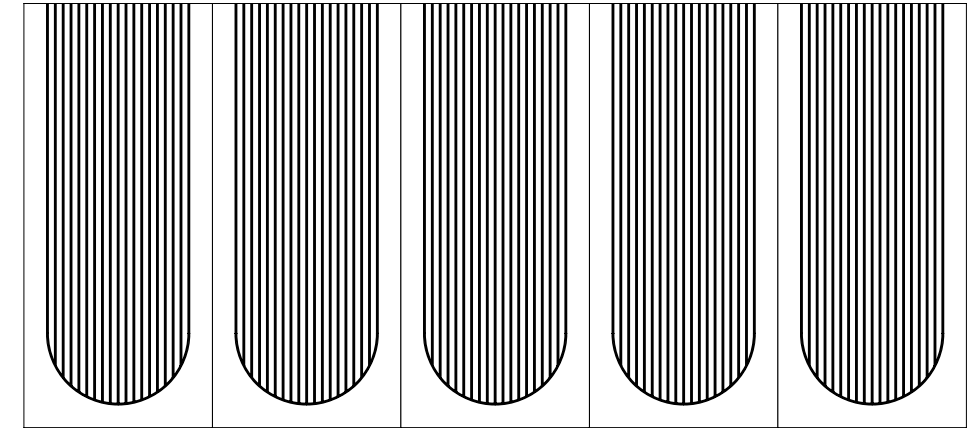
Arch Designs



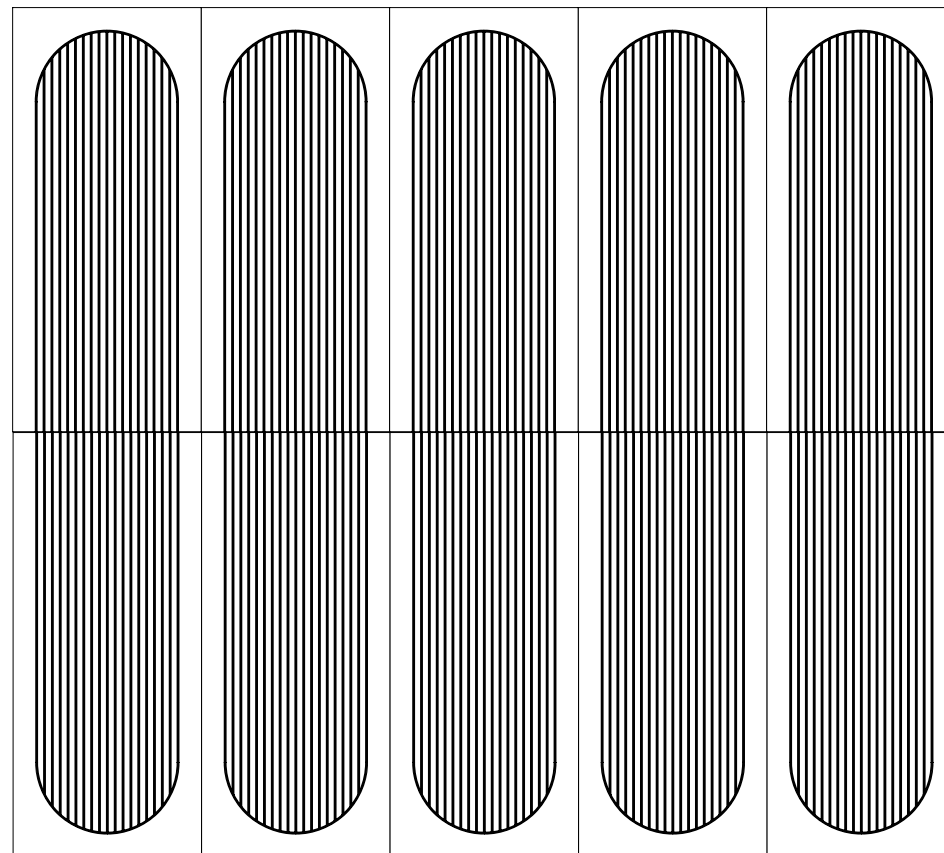
Recommended Layouts



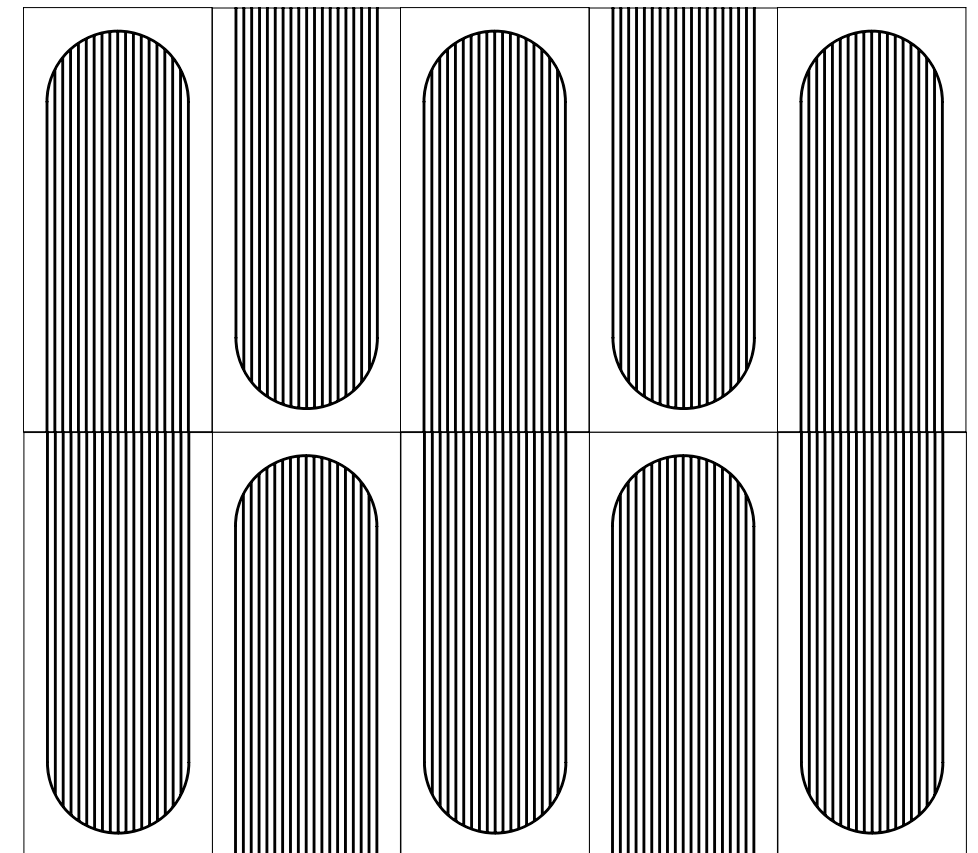
Layout 1



Layout 2

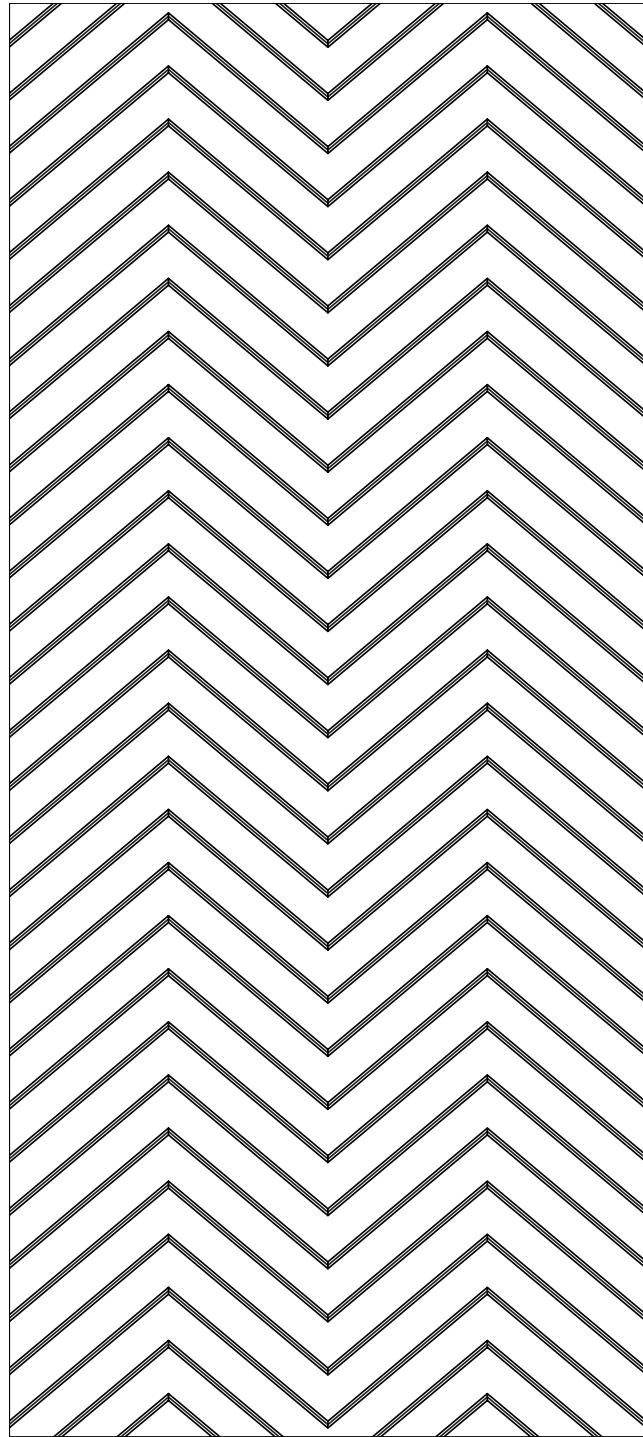


Layout 3



Layout 4

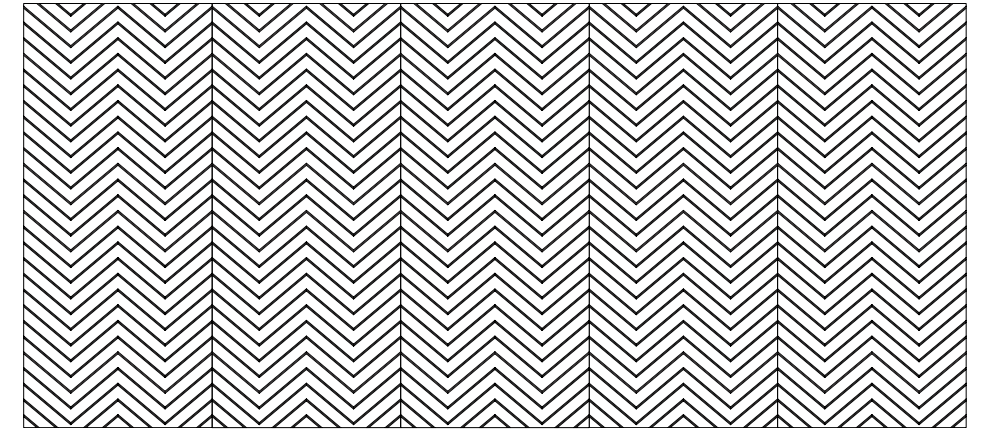
Chevron Designs



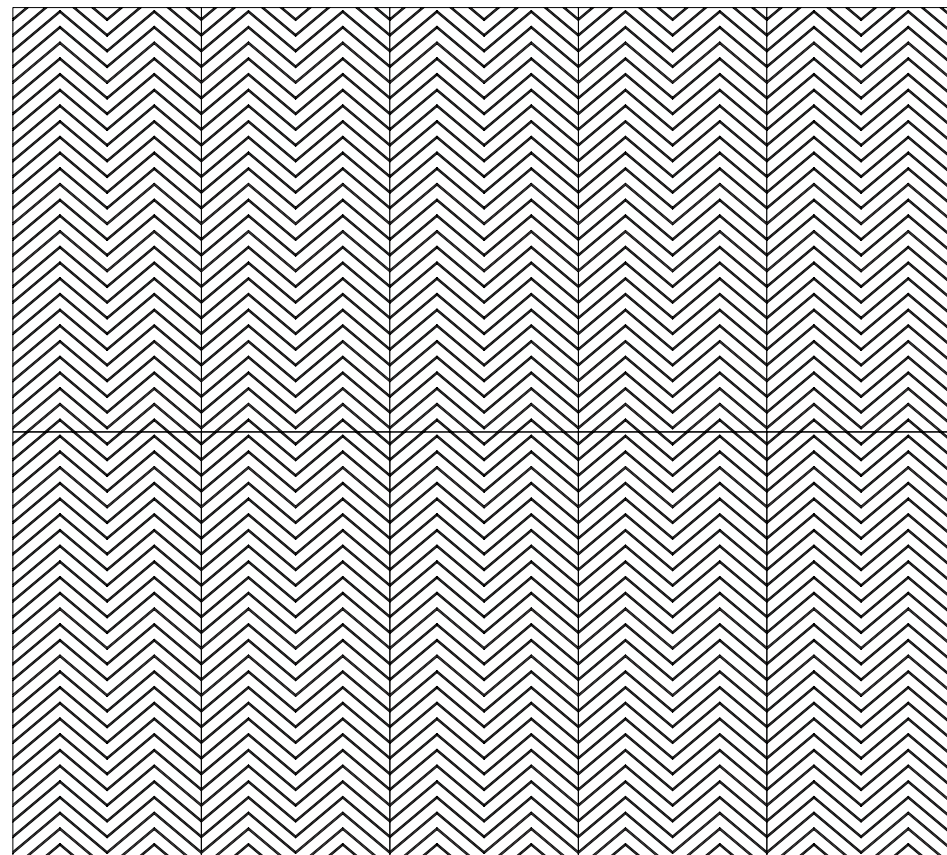
Recommended Layouts



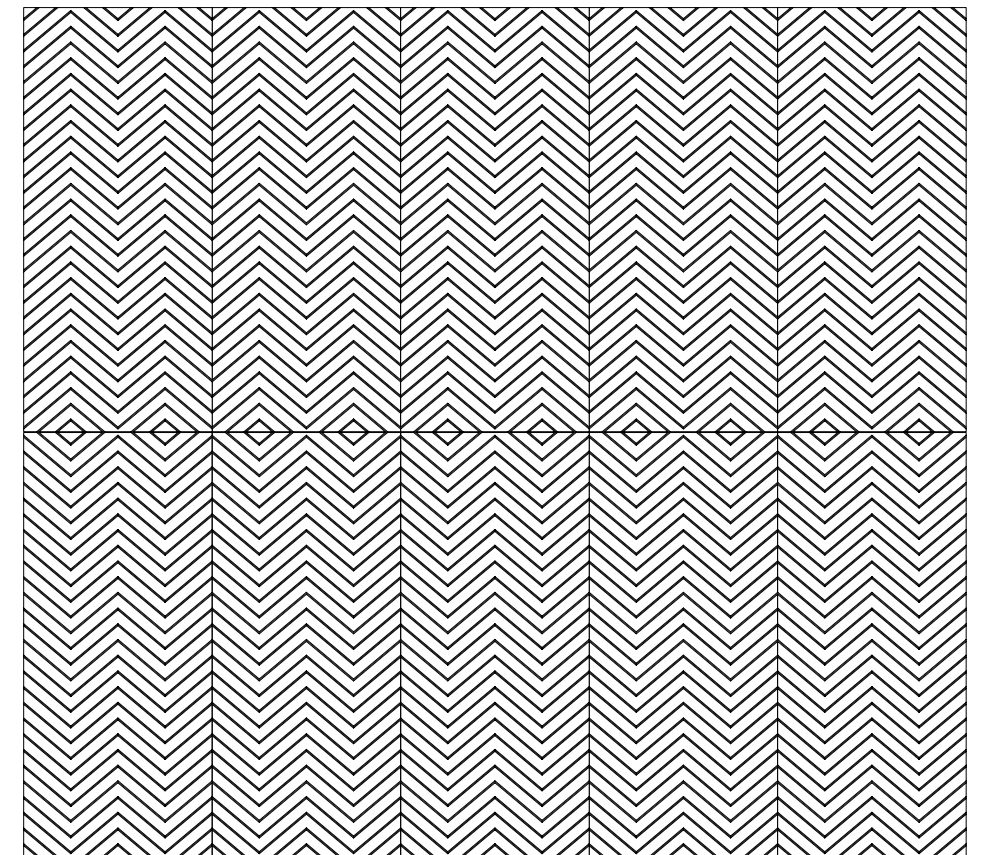
Layout 1



Layout 2

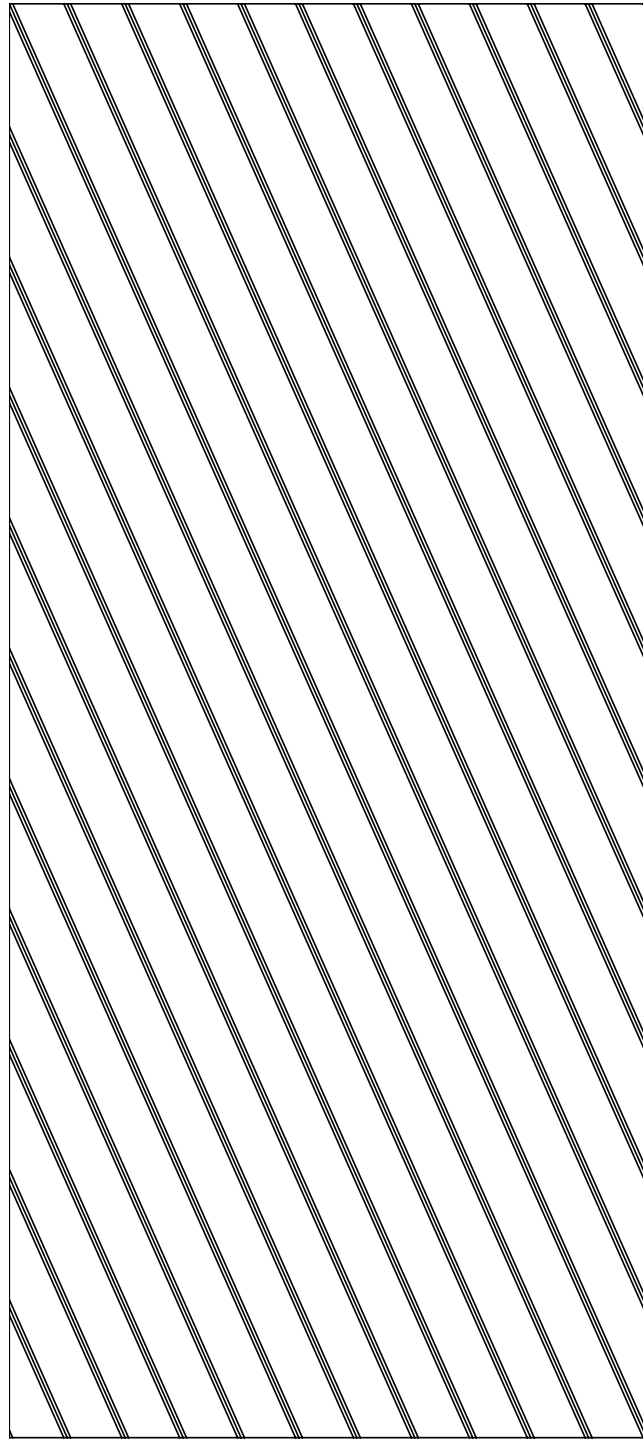


Layout 3

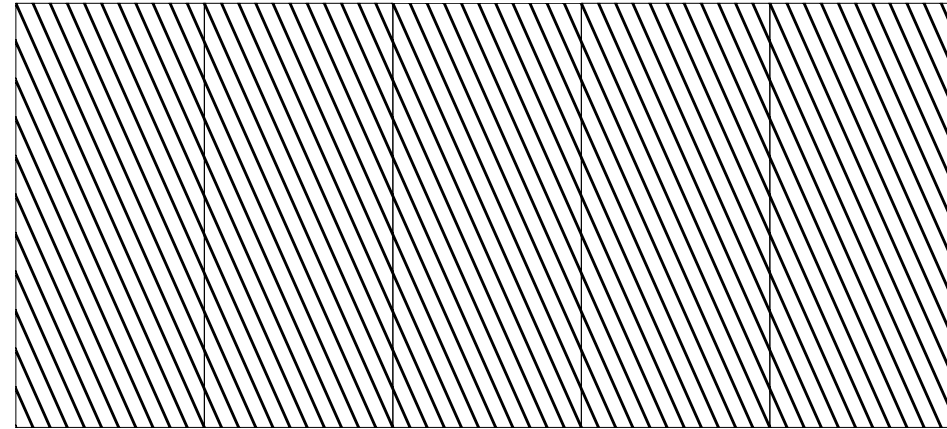


Layout 4

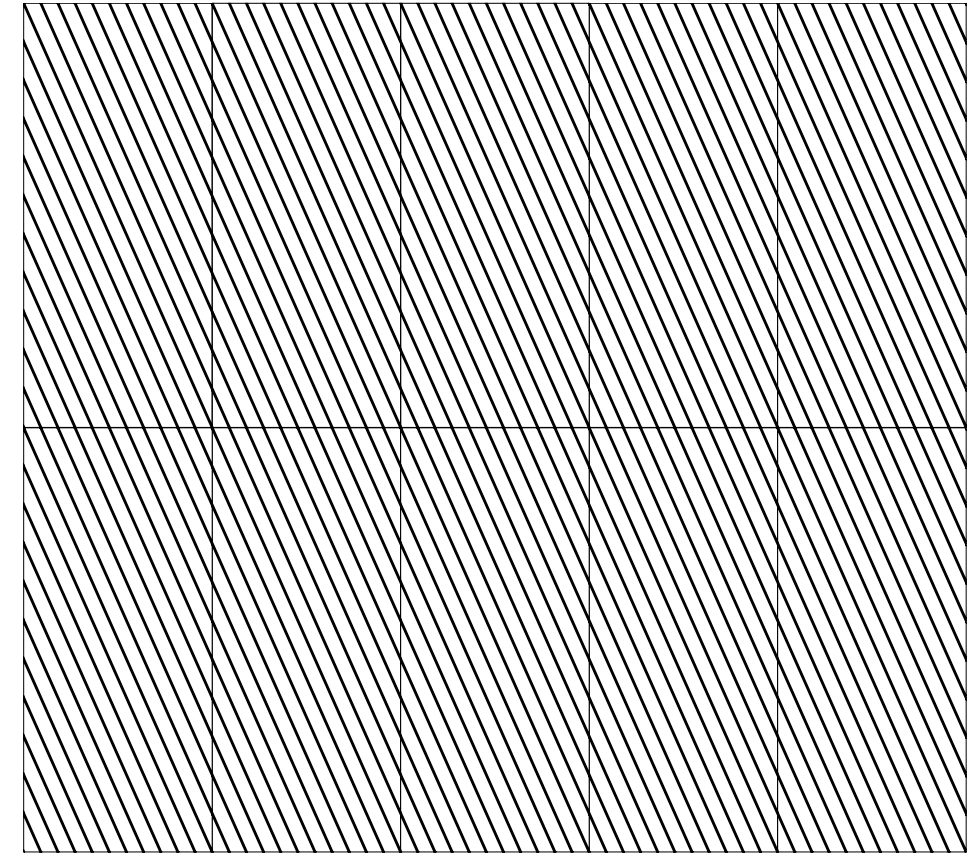
Diagonal Designs



Recommended Layouts

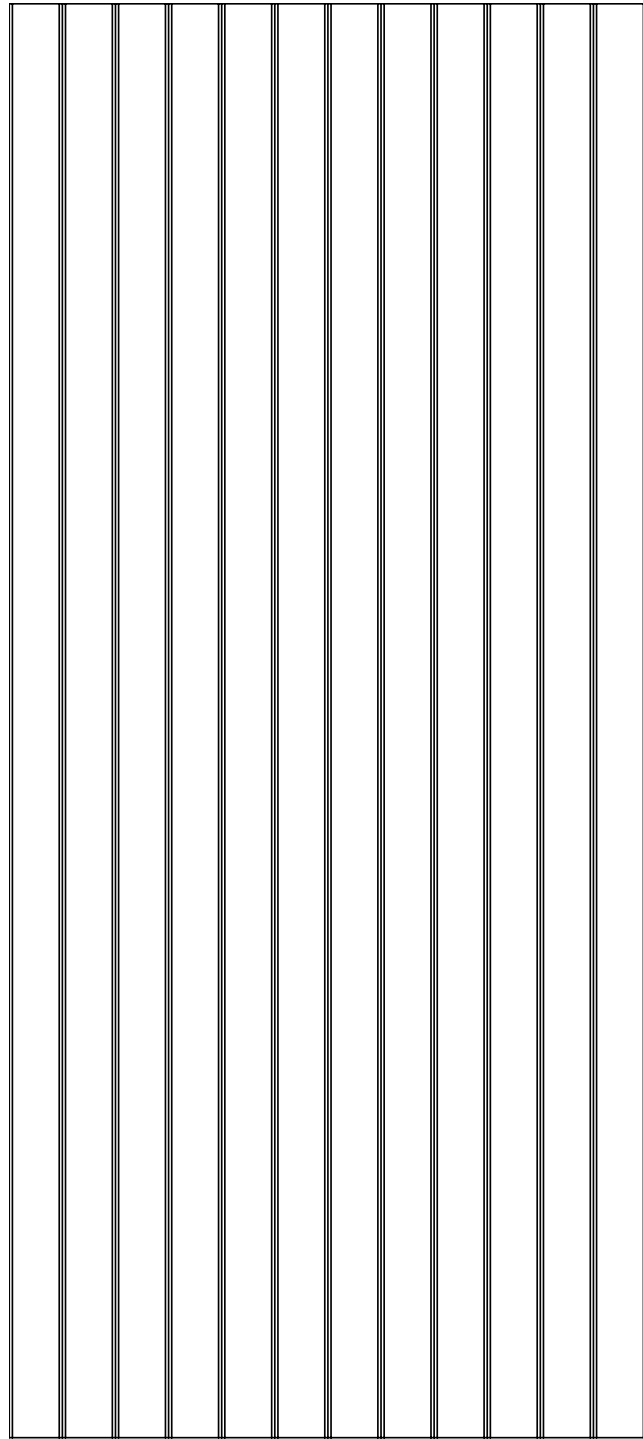


Layout 1

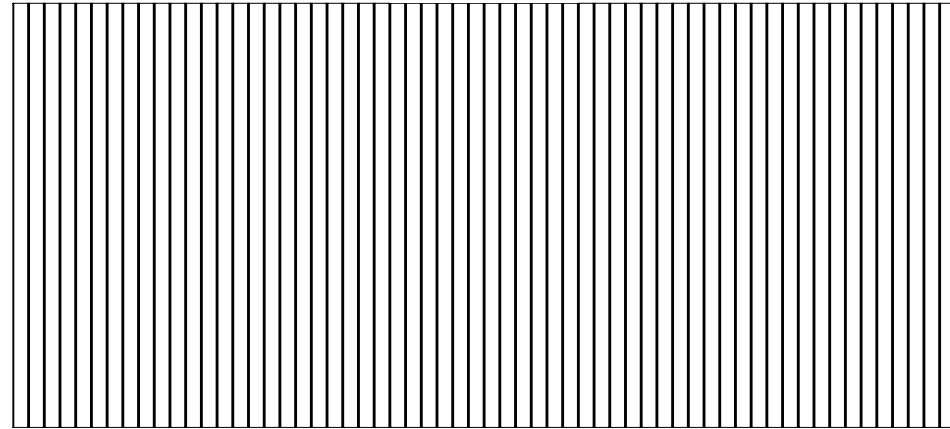


Layout 2

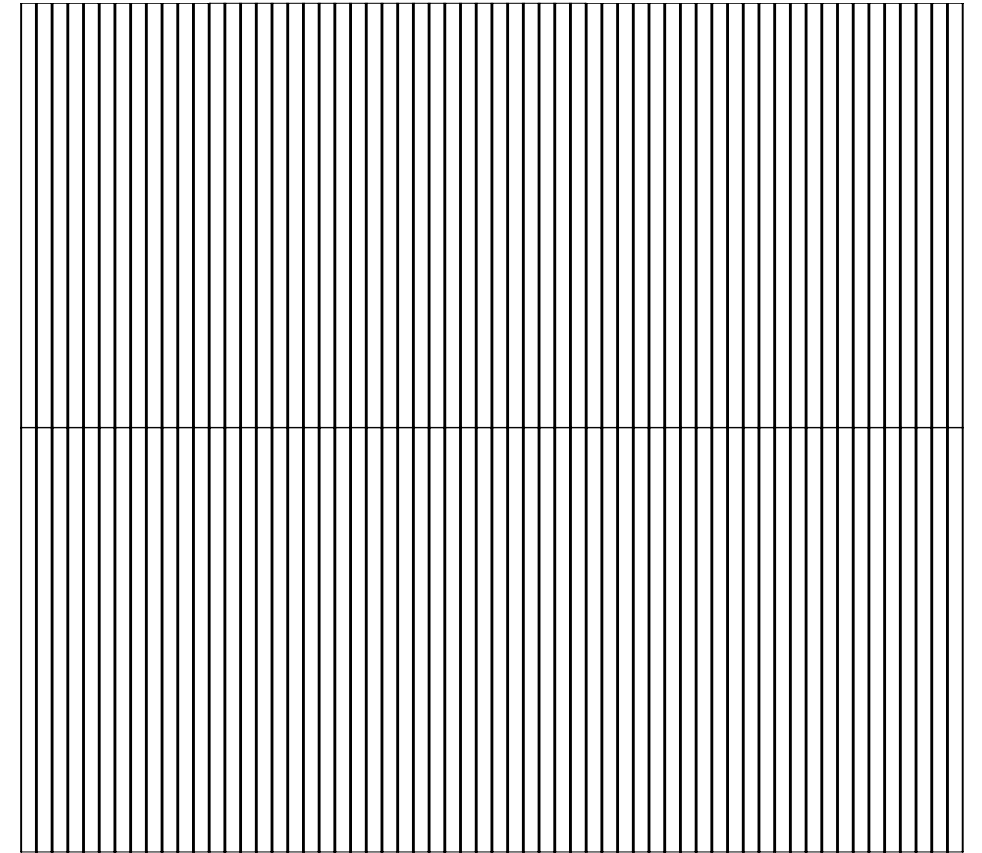
Fineline Designs



Recommended Layouts

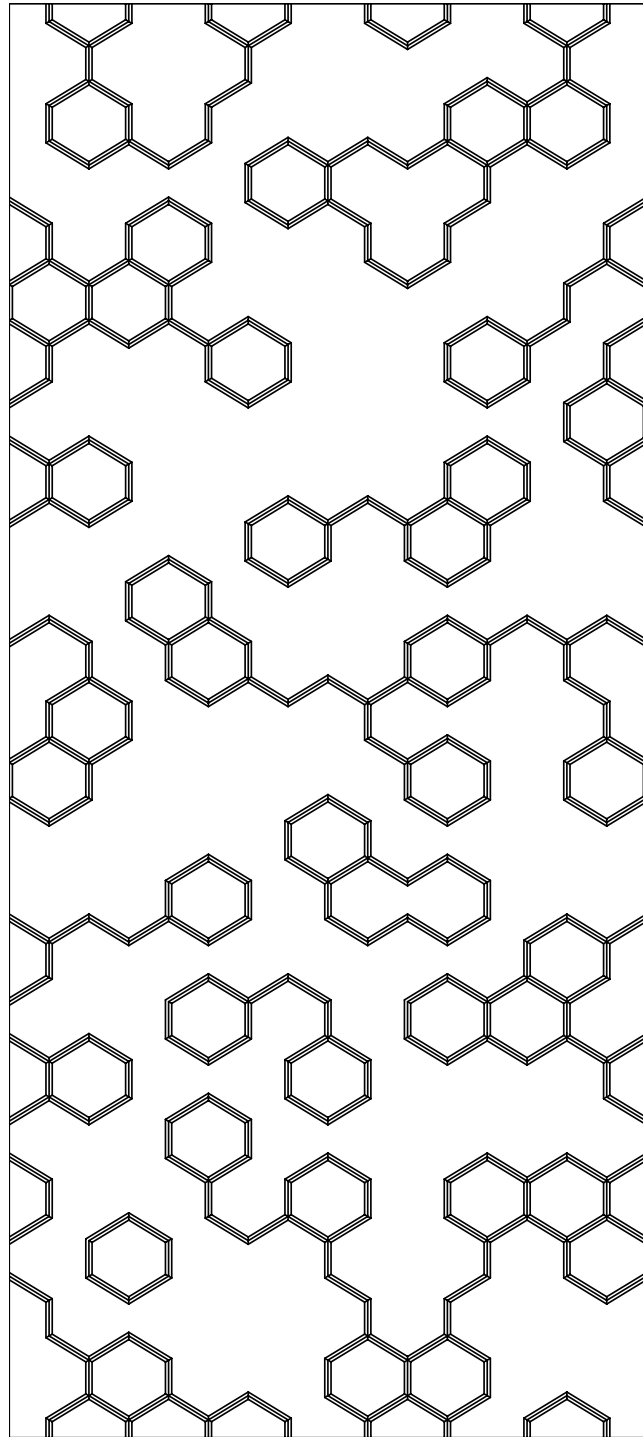


Layout 1

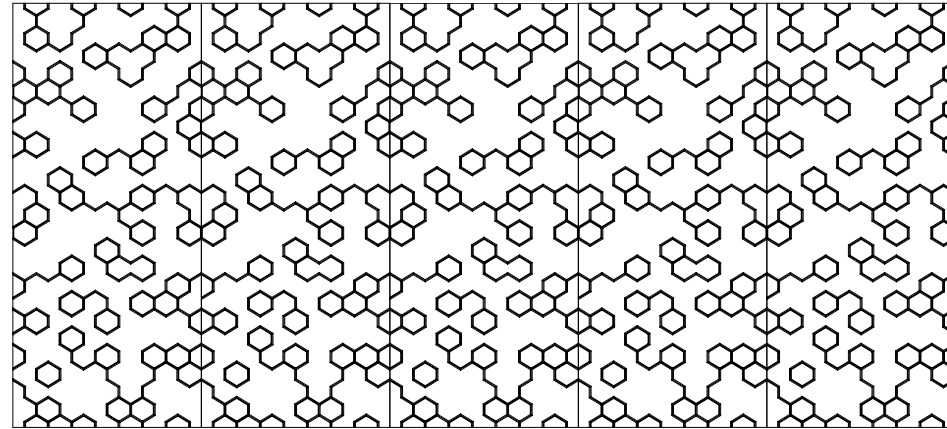


Layout 2

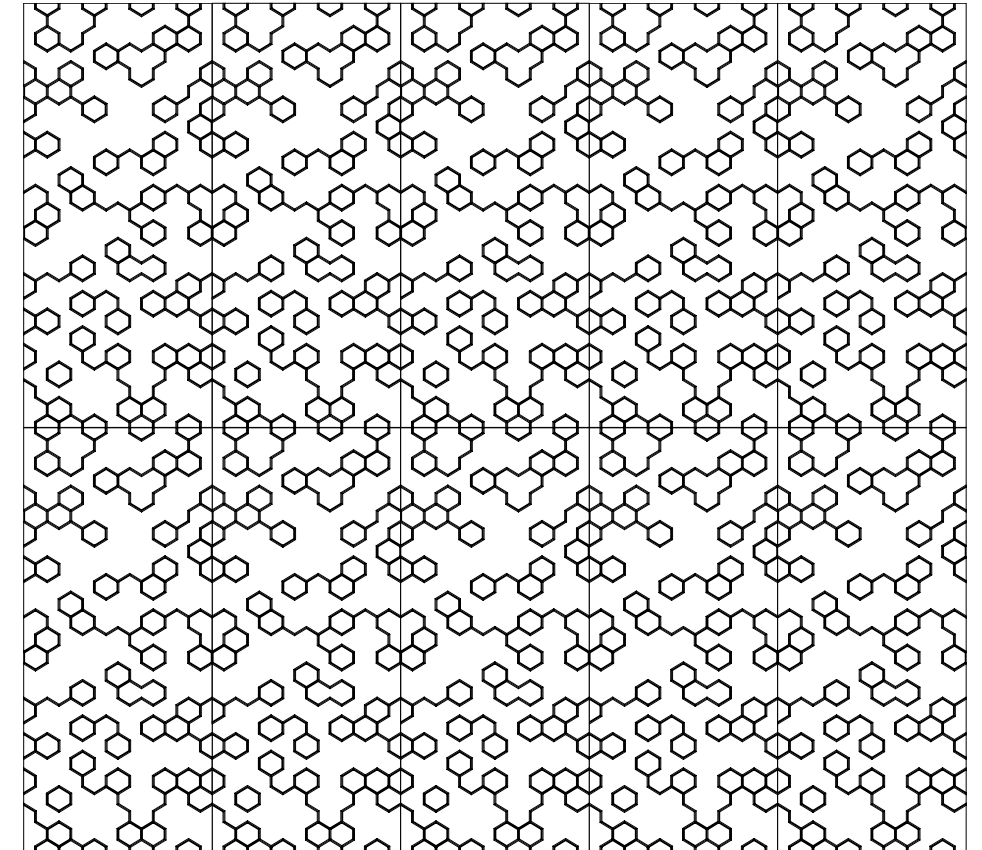
Formula Designs



Recommended Layouts

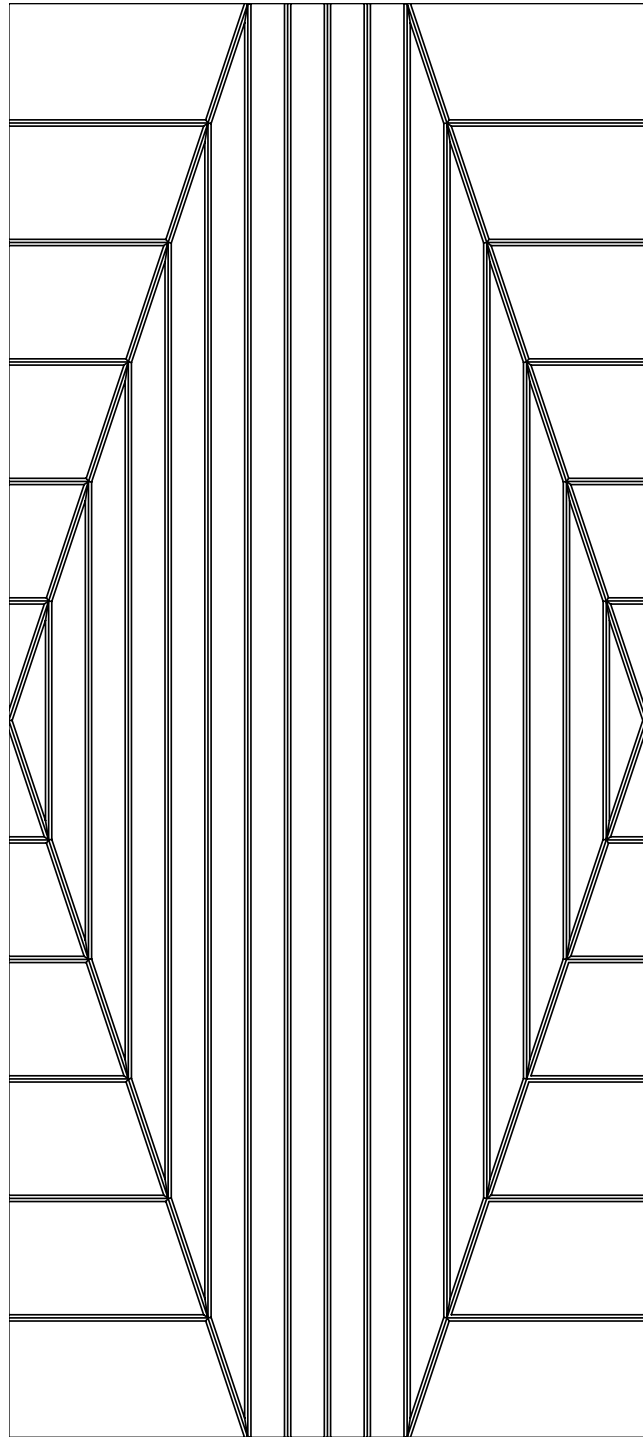


Layout 1

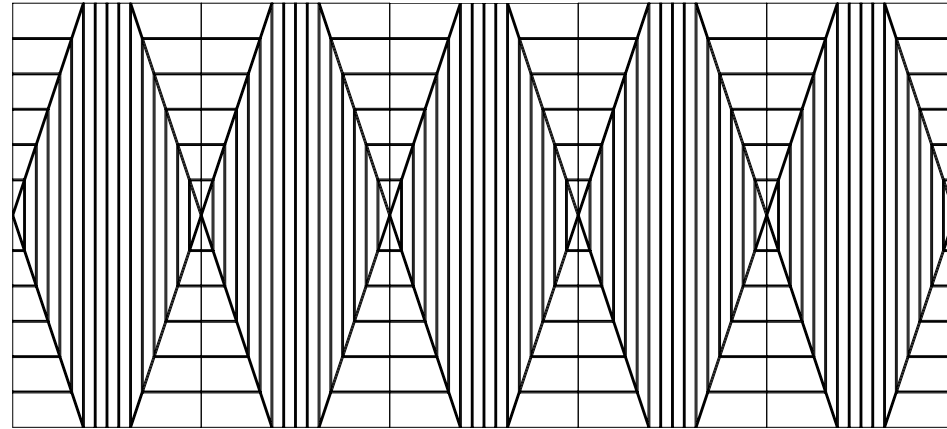


Layout 2

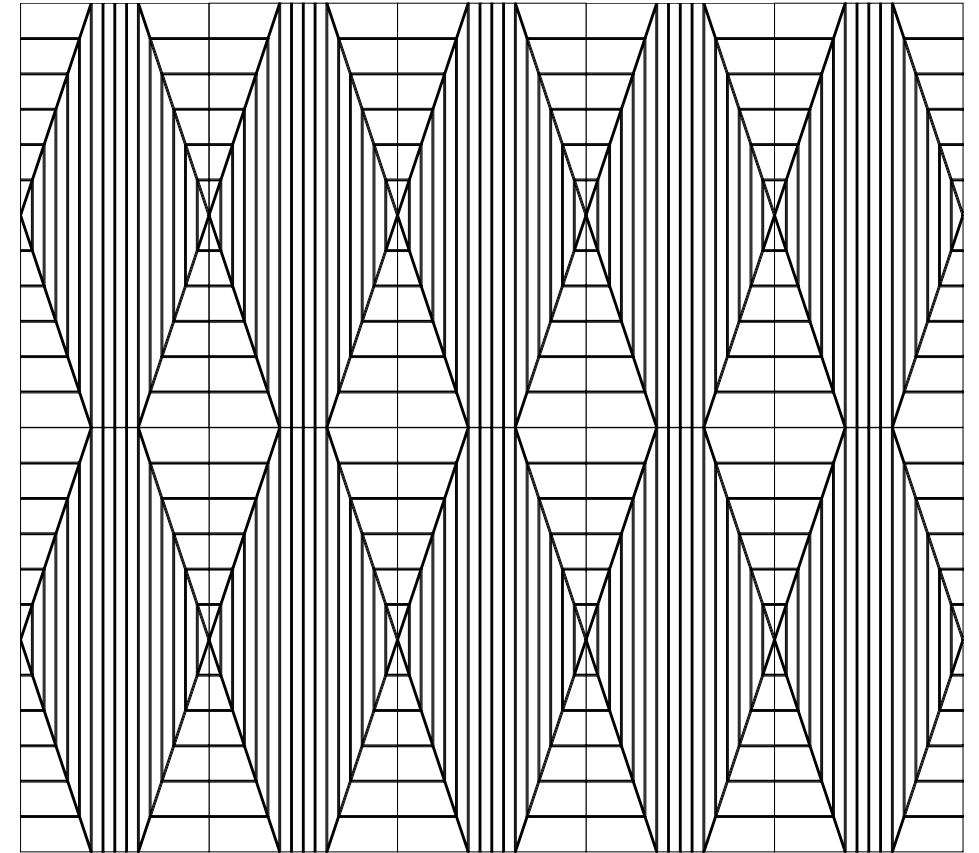
Harlequin Designs



Recommended Layouts

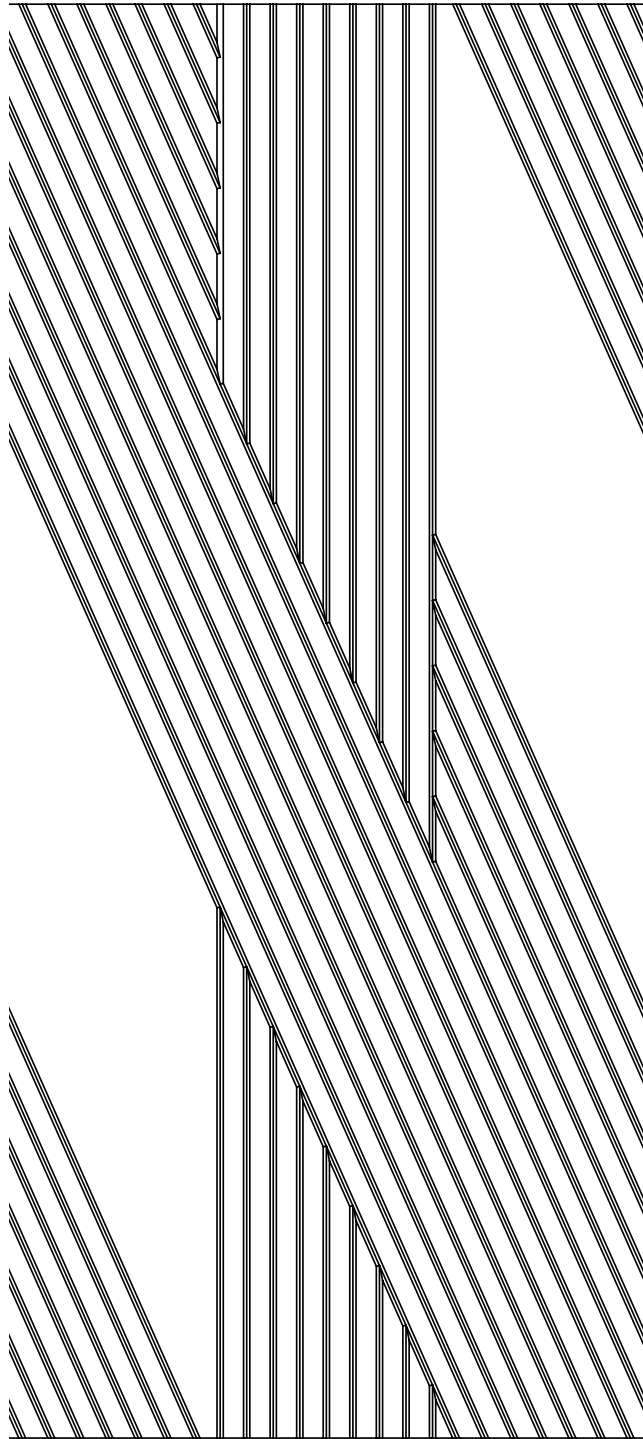


Layout 1

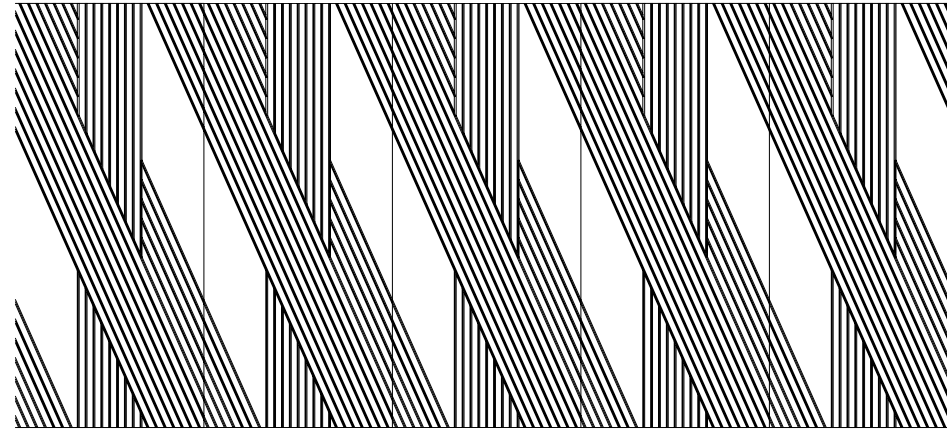


Layout 2

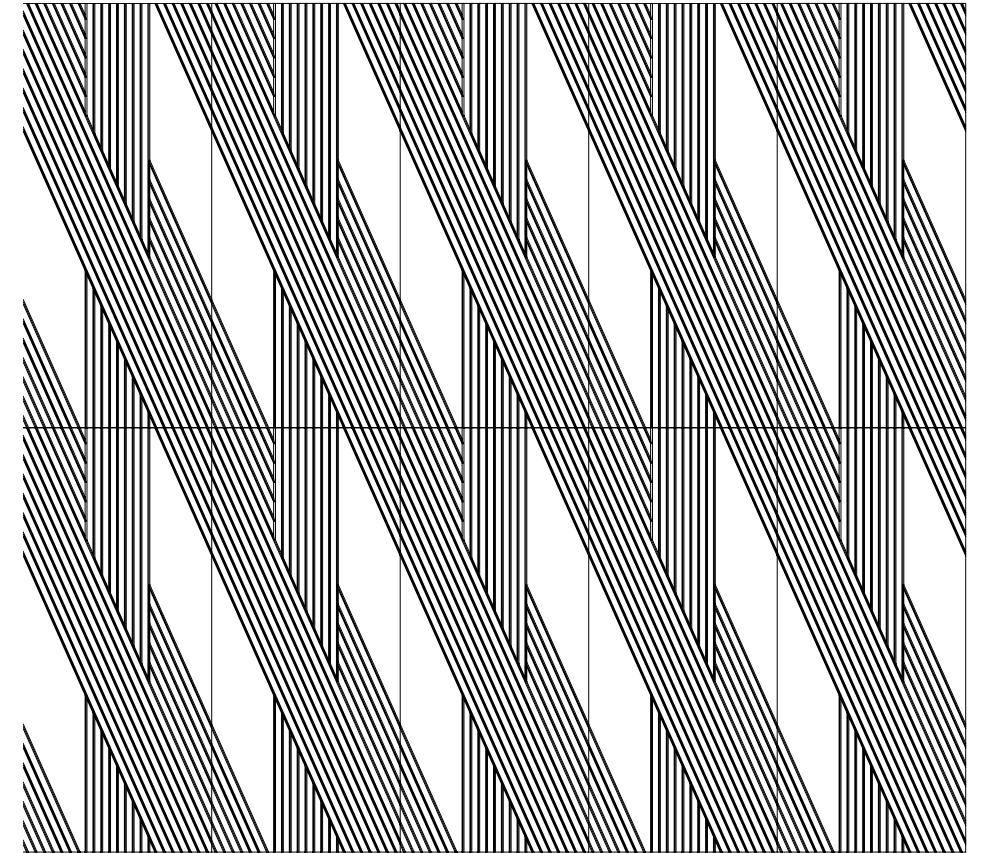
Intersect Designs



Recommended Layouts

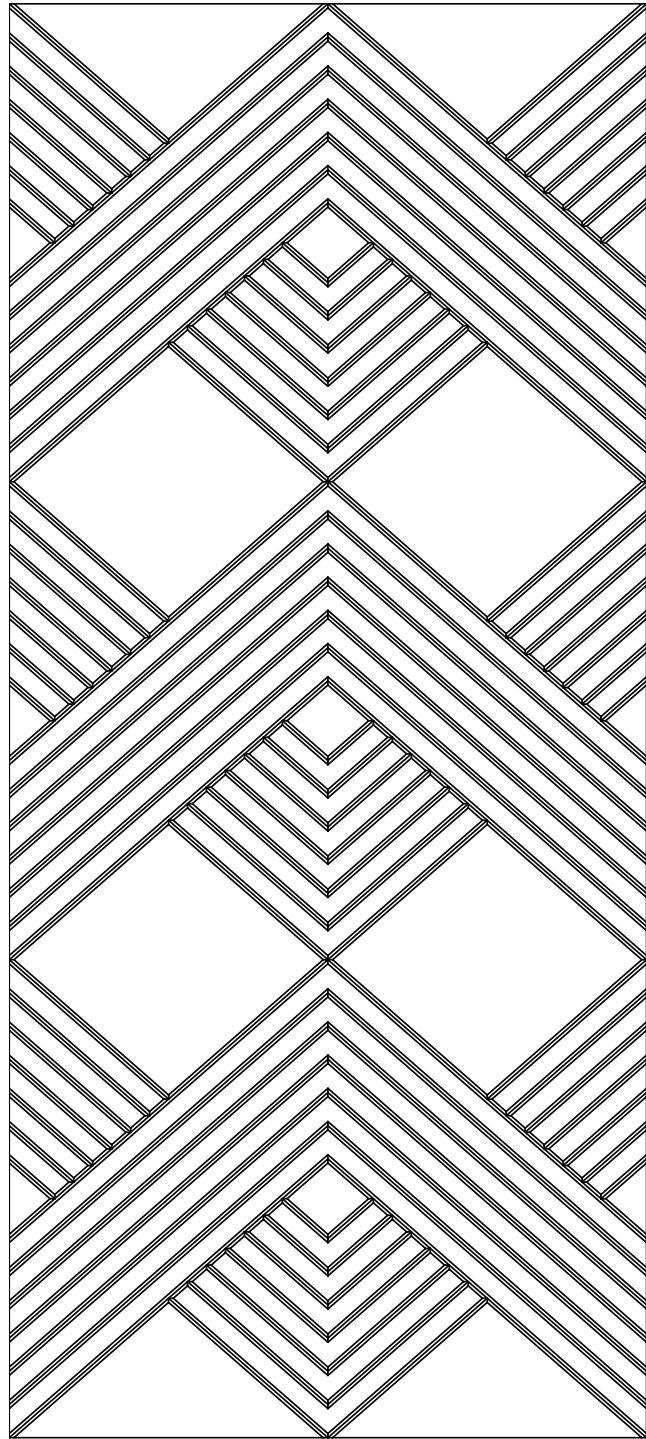


Layout 1

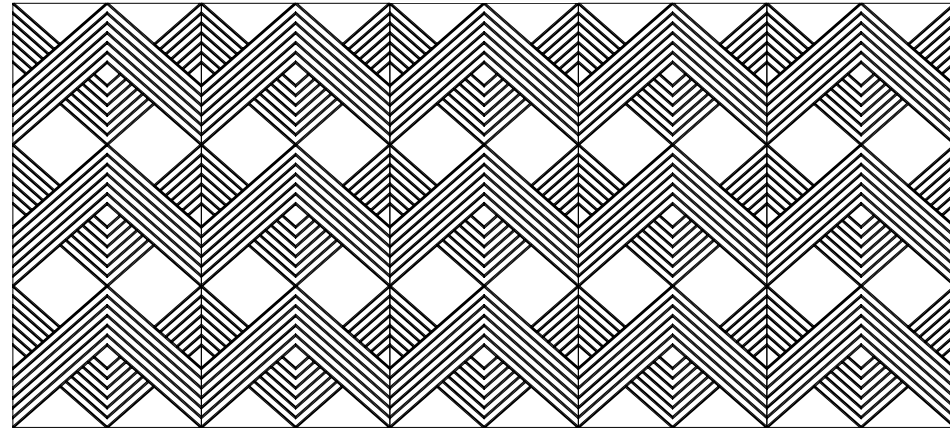


Layout 2

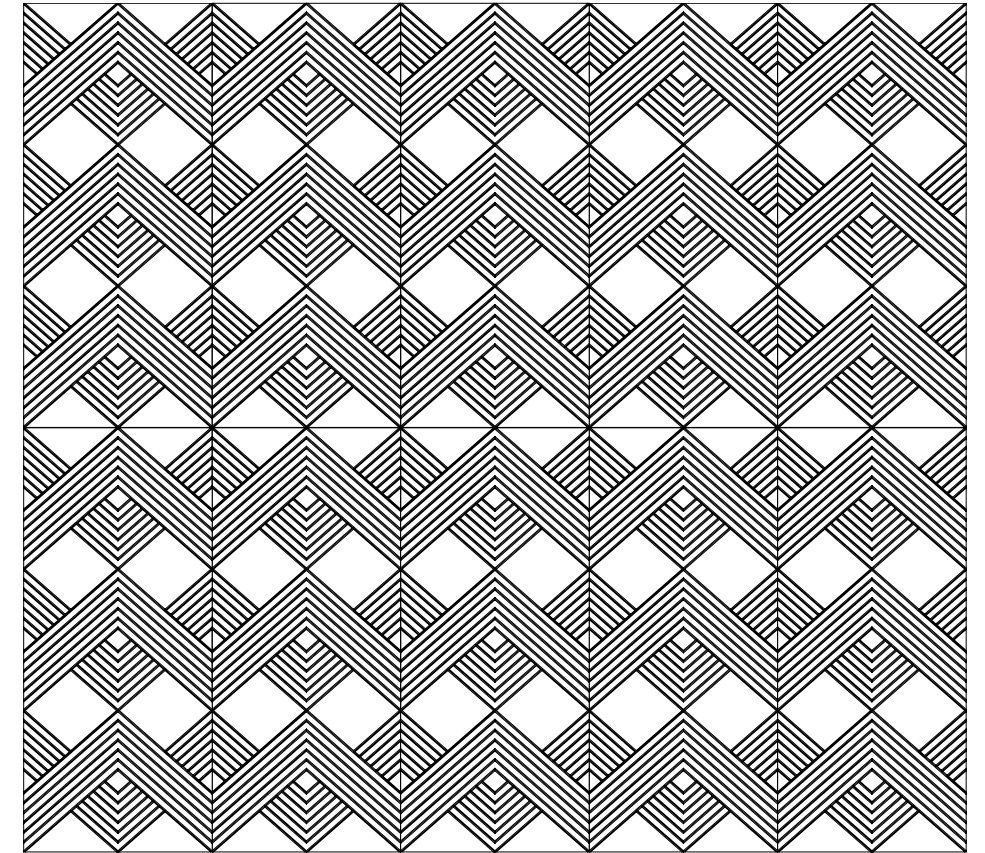
Knit Designs



Recommended Layouts

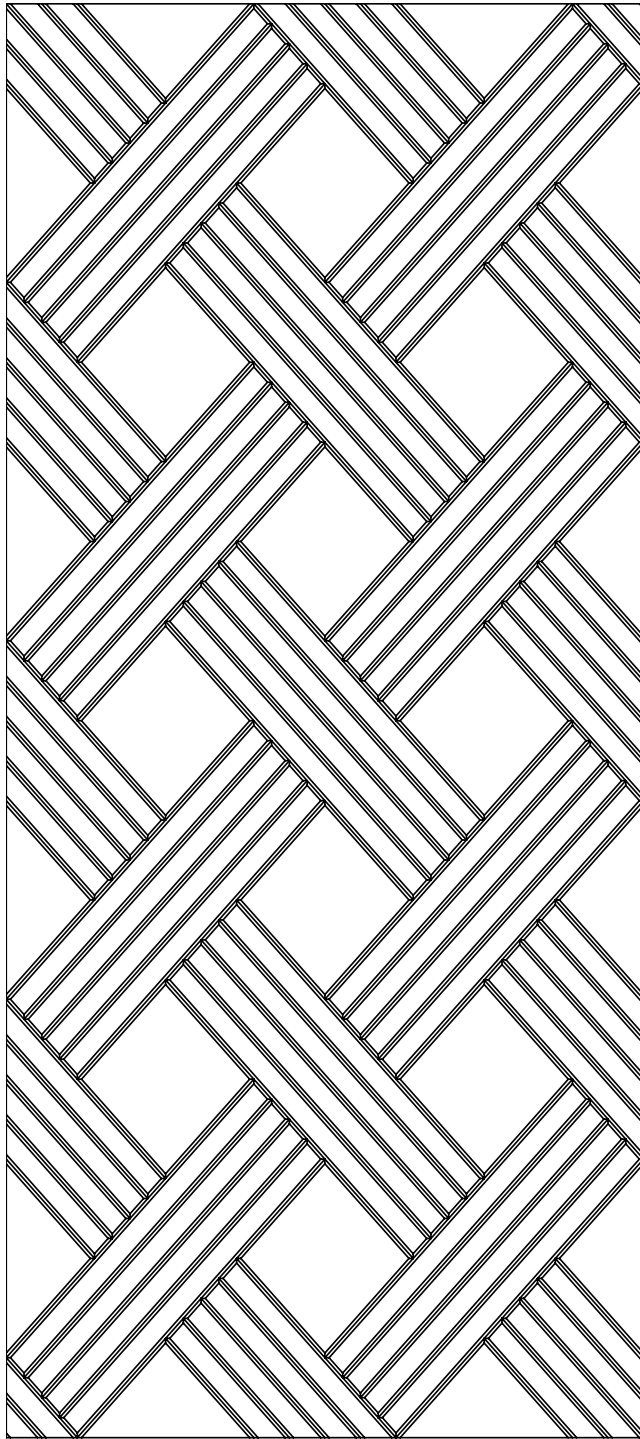


Layout 1

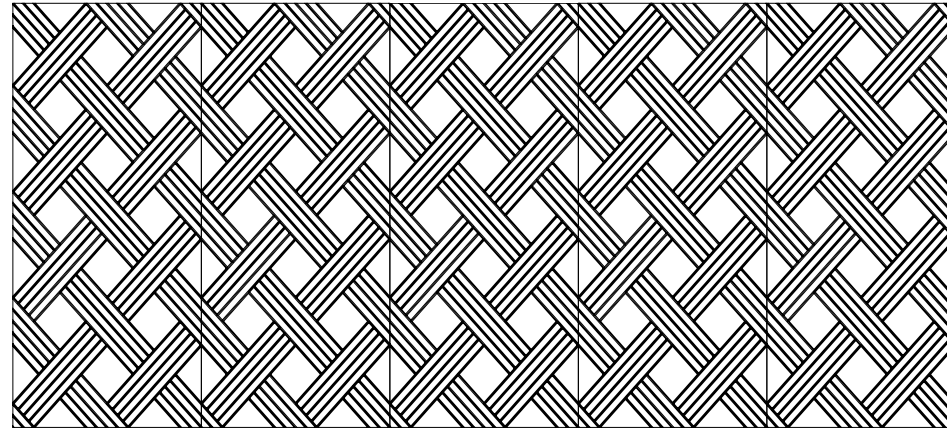


Layout 2

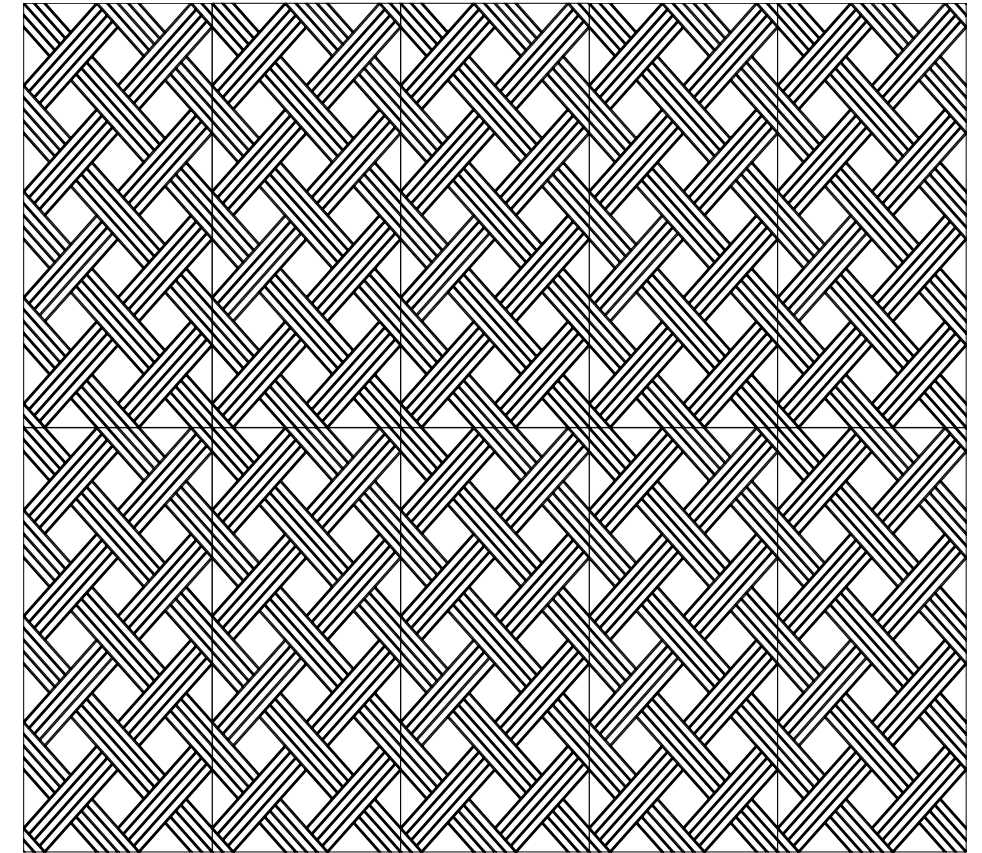
Lattice Designs



Recommended Layouts

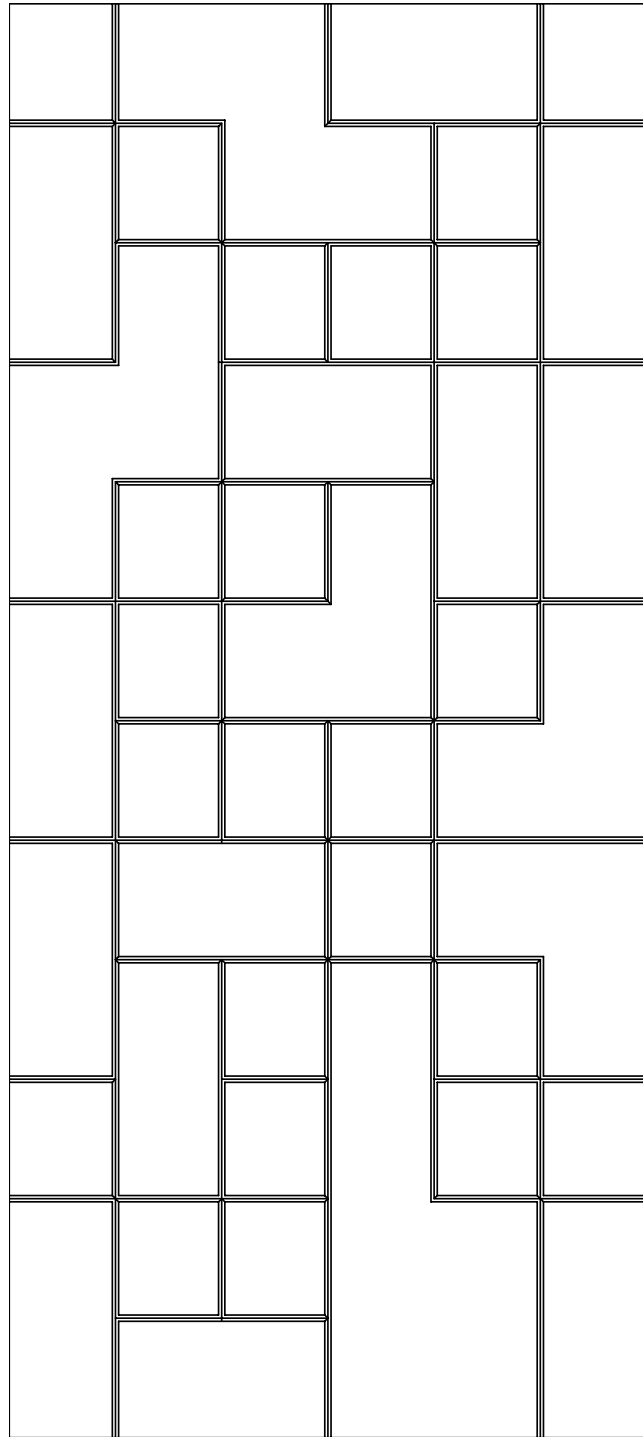


Layout 1

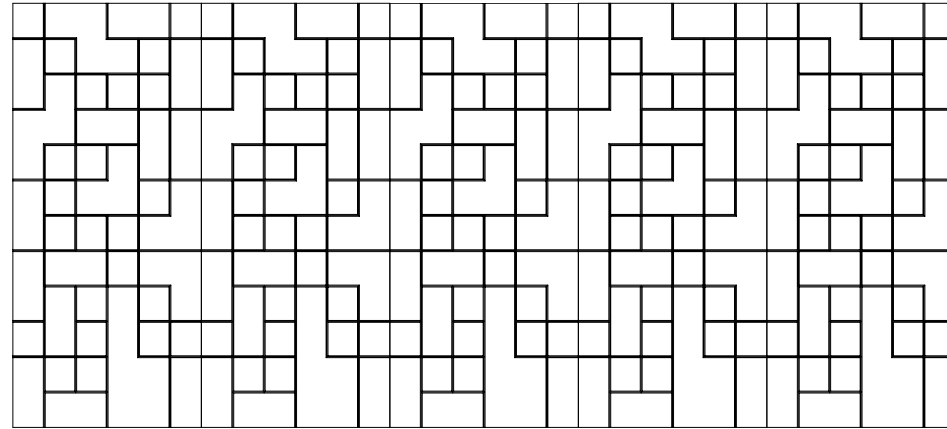


Layout 2

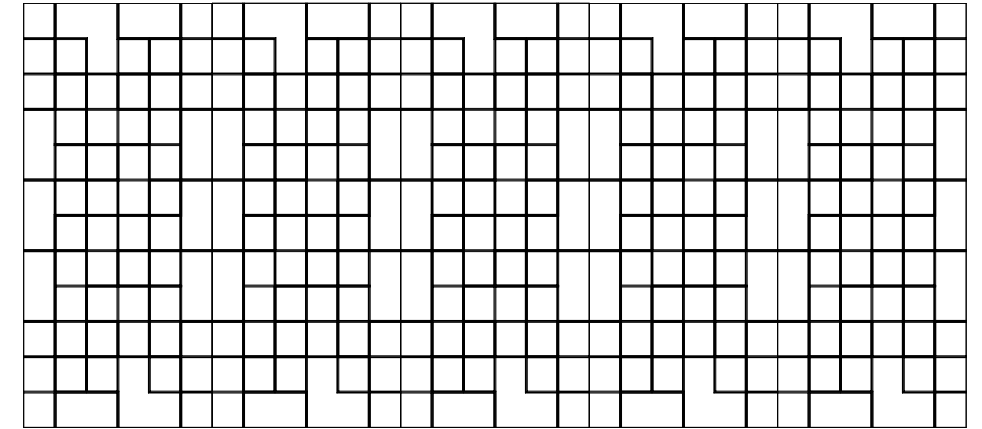
Maze Designs



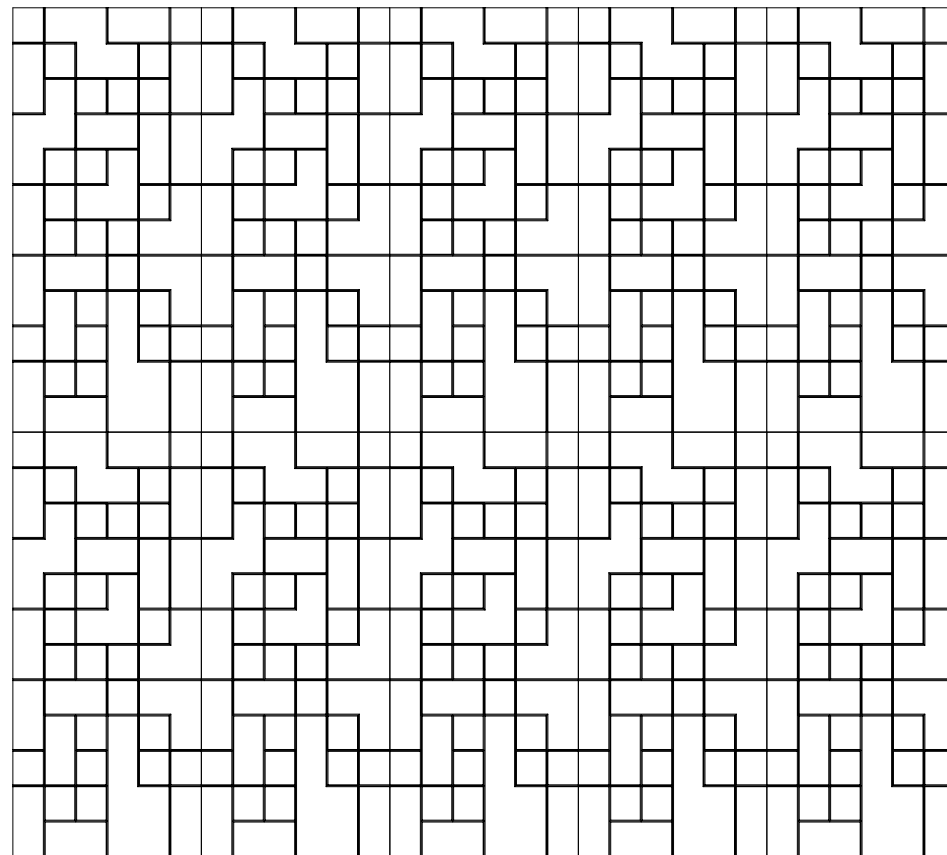
Recommended Layouts



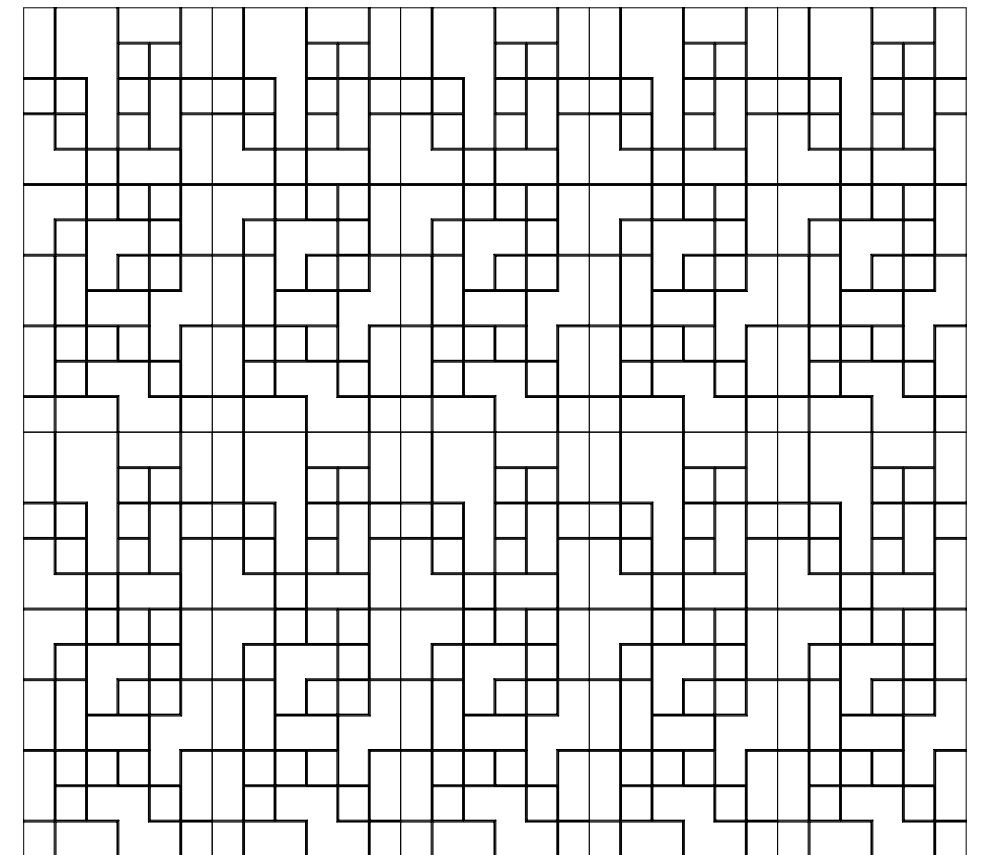
Layout 1



Layout 2



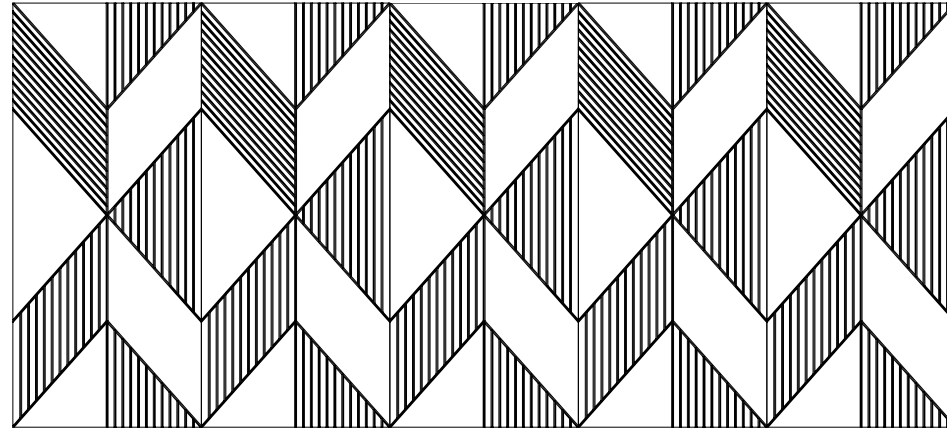
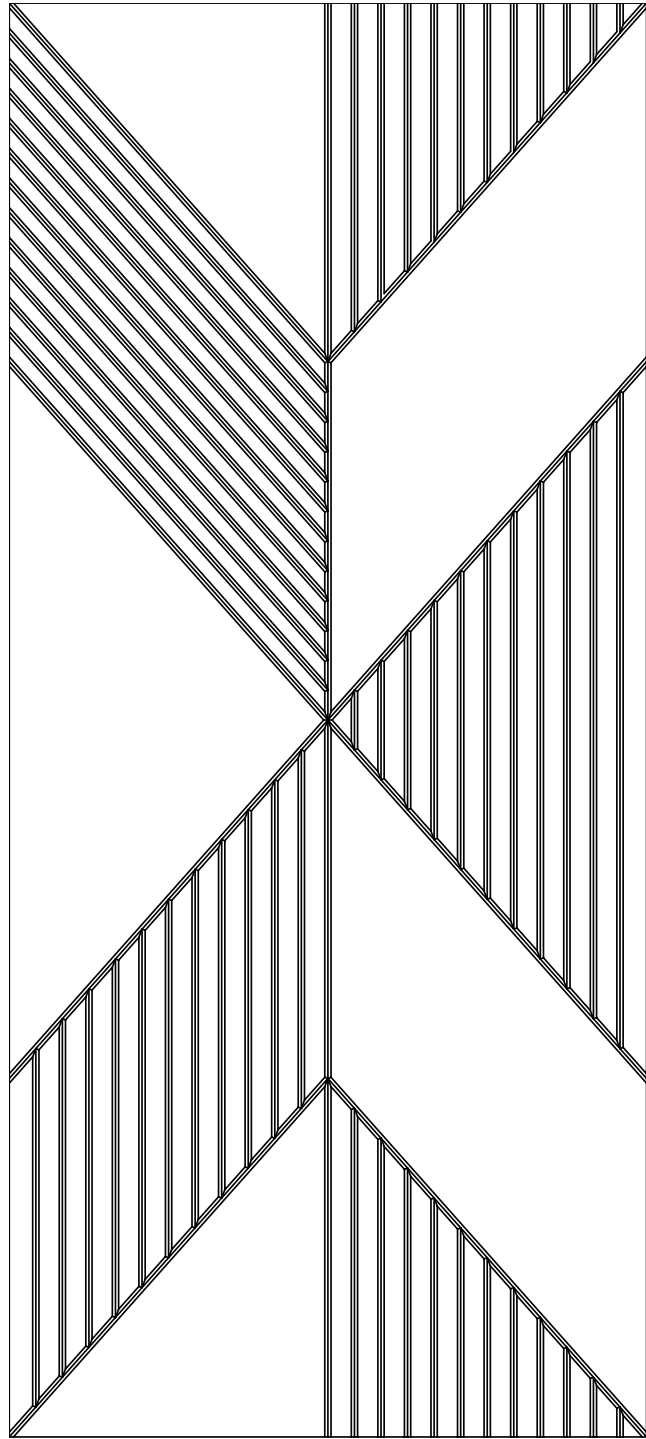
Layout 3



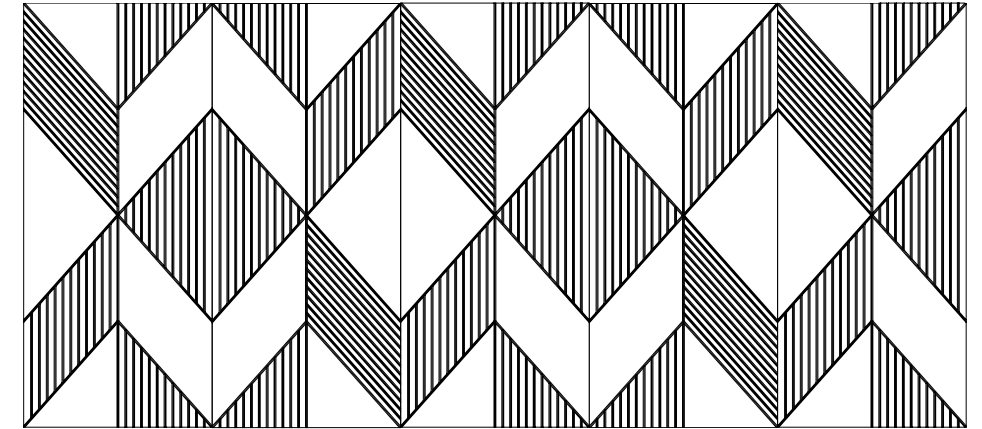
Layout 4

Metropolis Designs

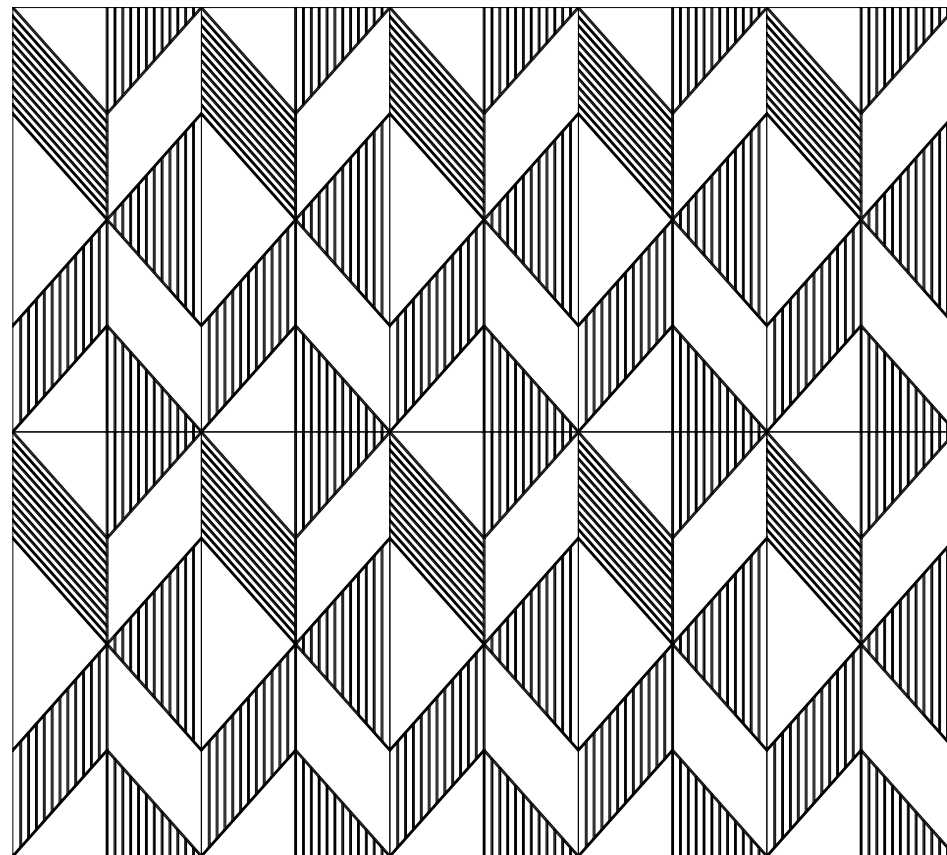
Recommended Layouts



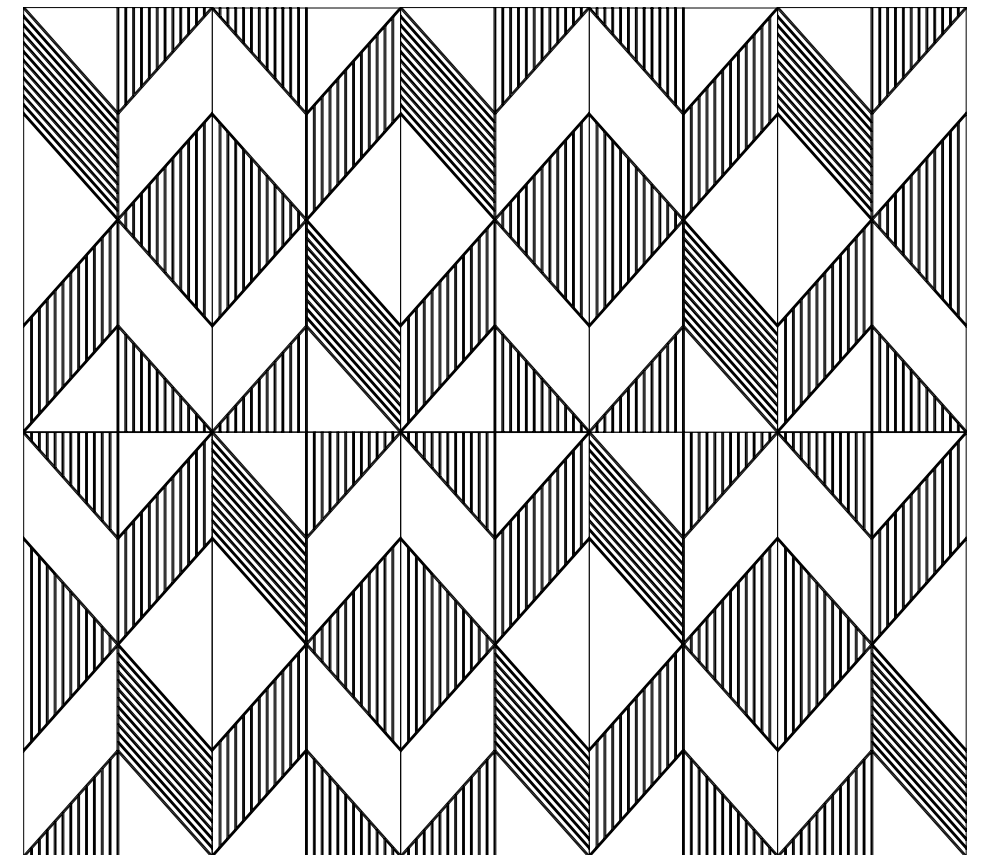
Layout 1



Layout 2

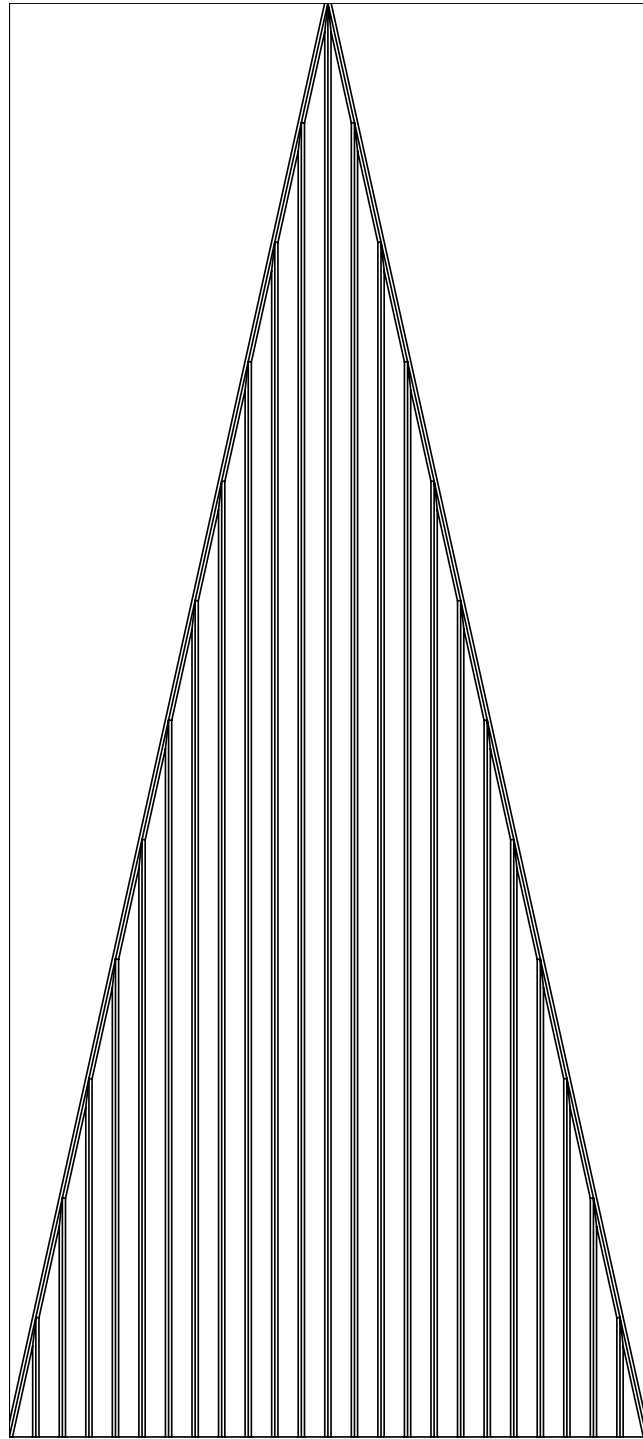


Layout 3

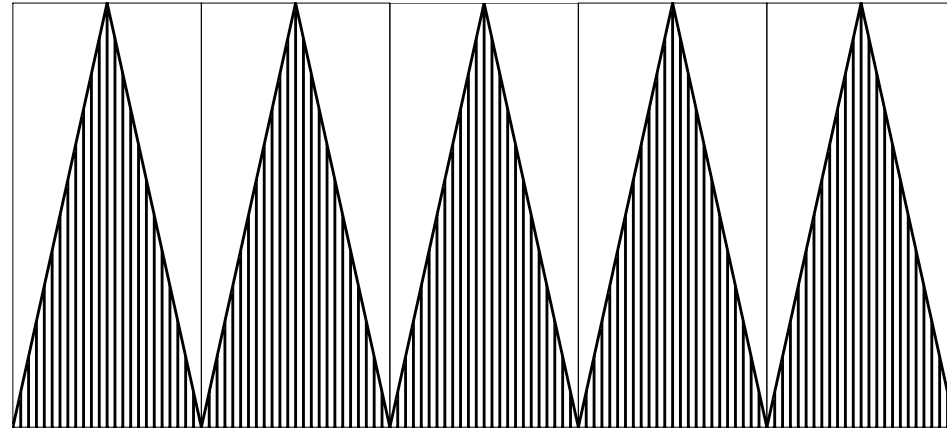


Layout 4

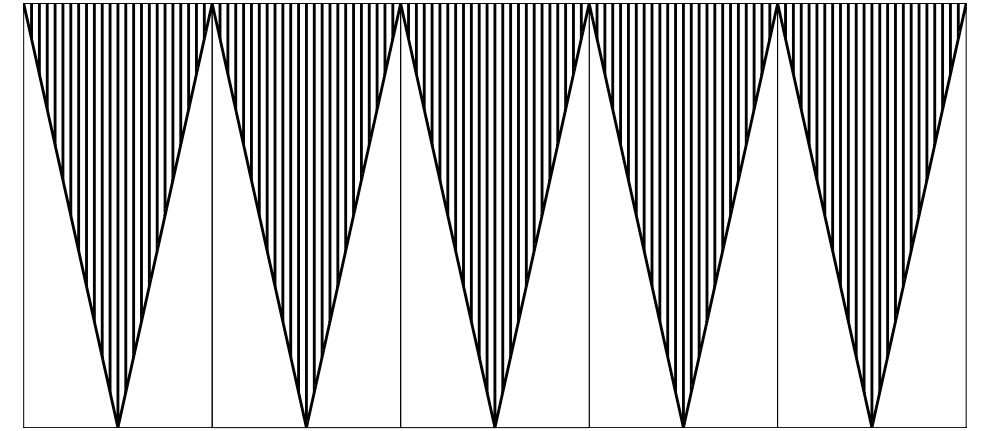
Pennant Designs



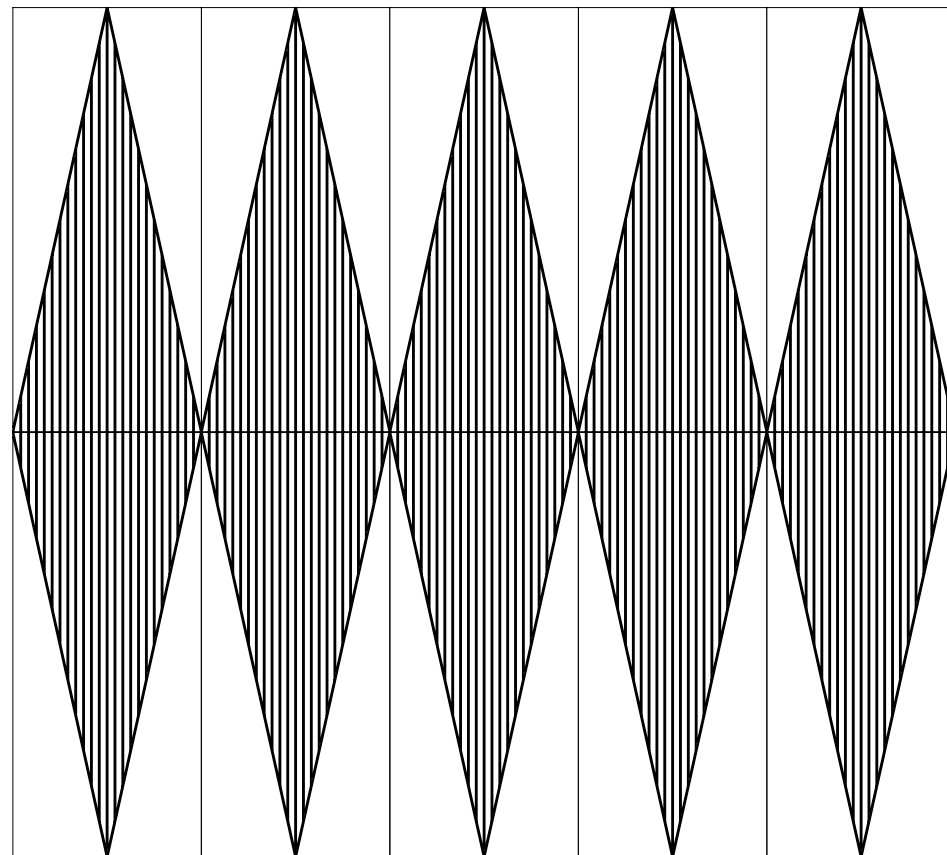
Recommended Layouts



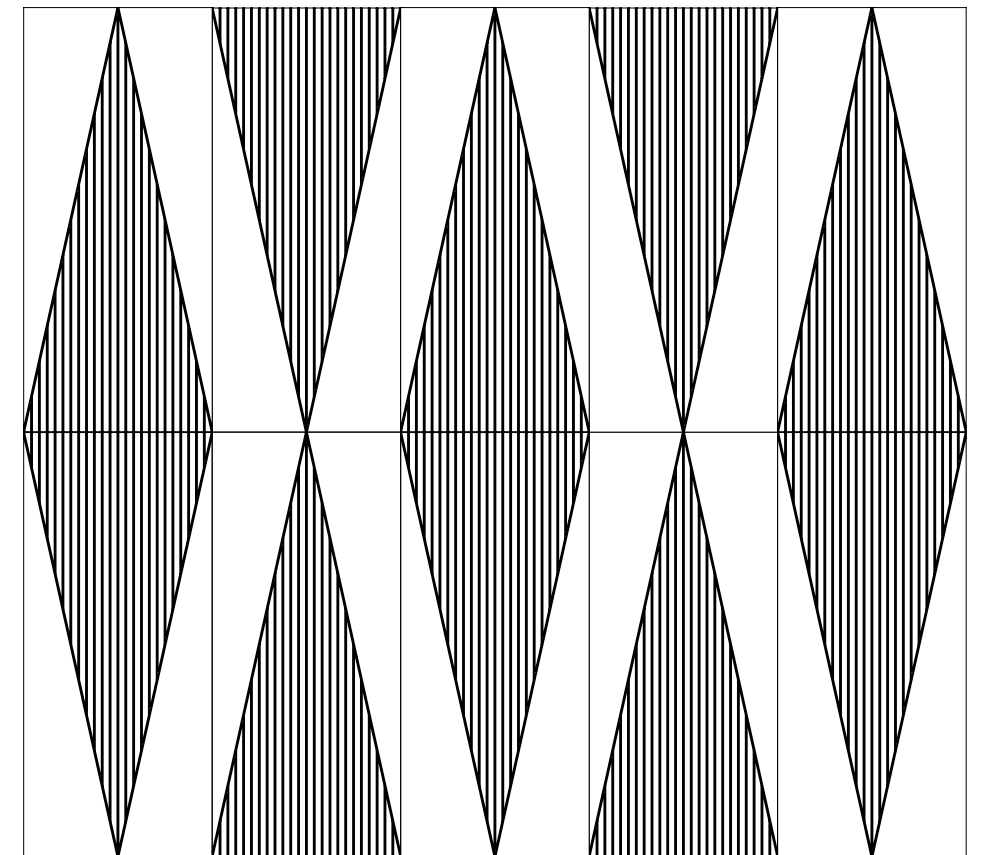
Layout 1



Layout 2



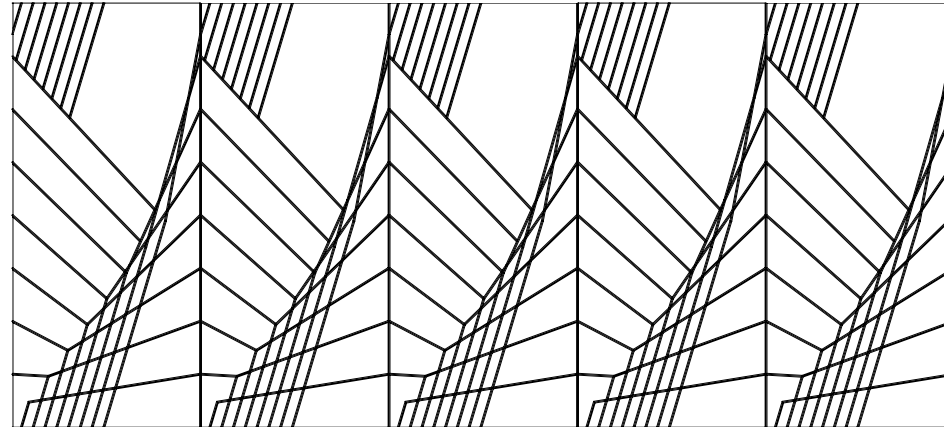
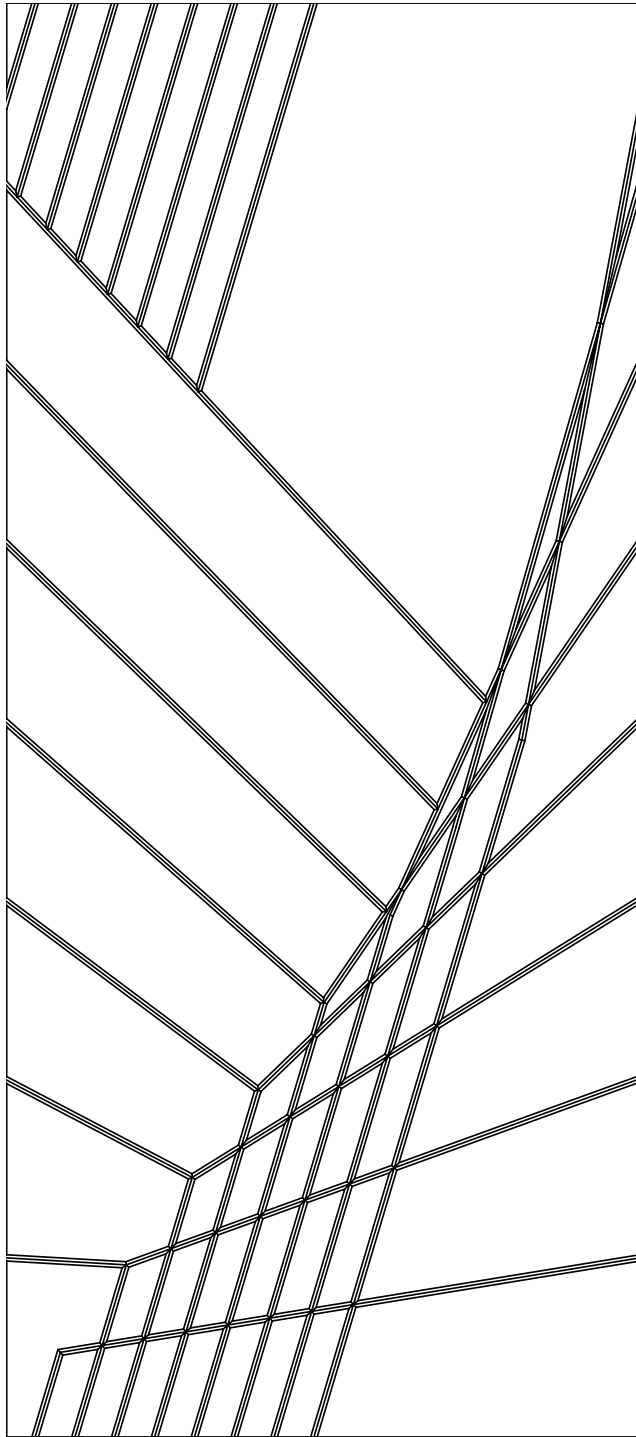
Layout 3



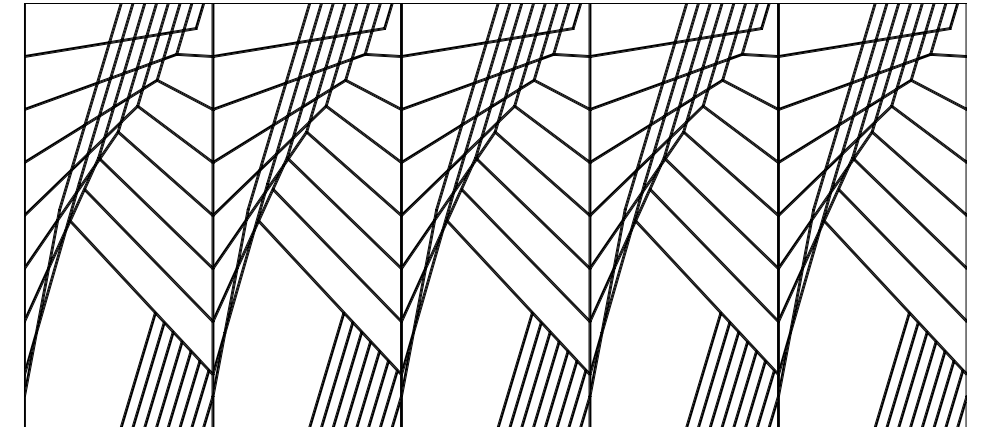
Layout 4

Prism Designs

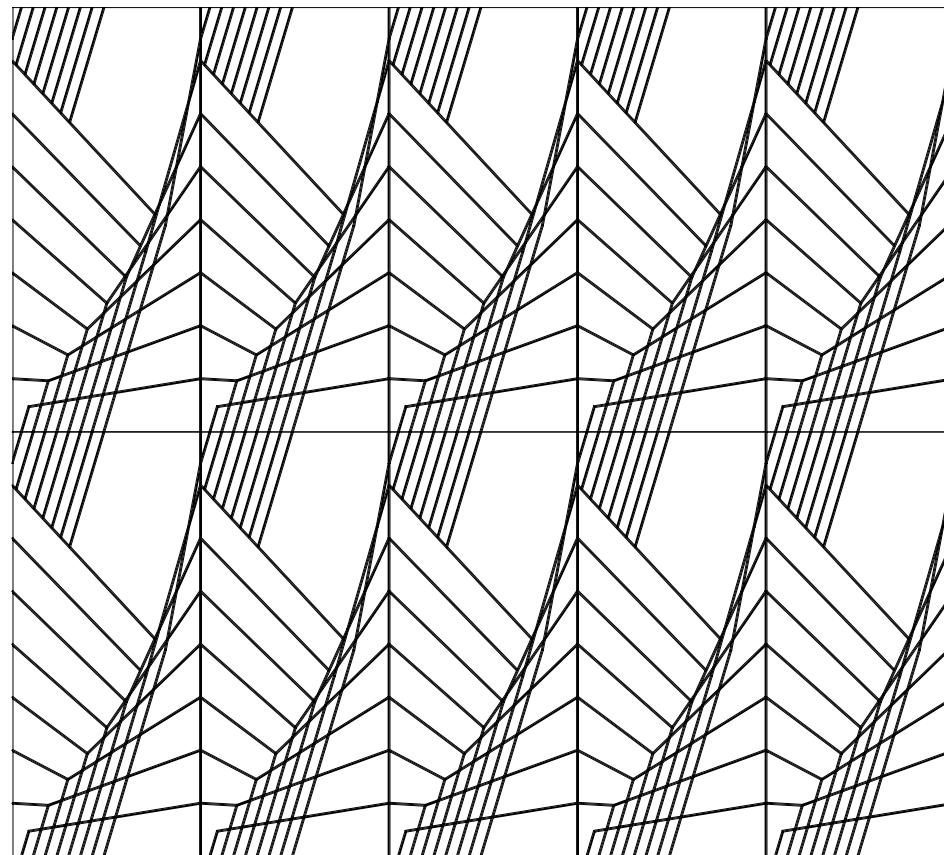
Recommended Layouts



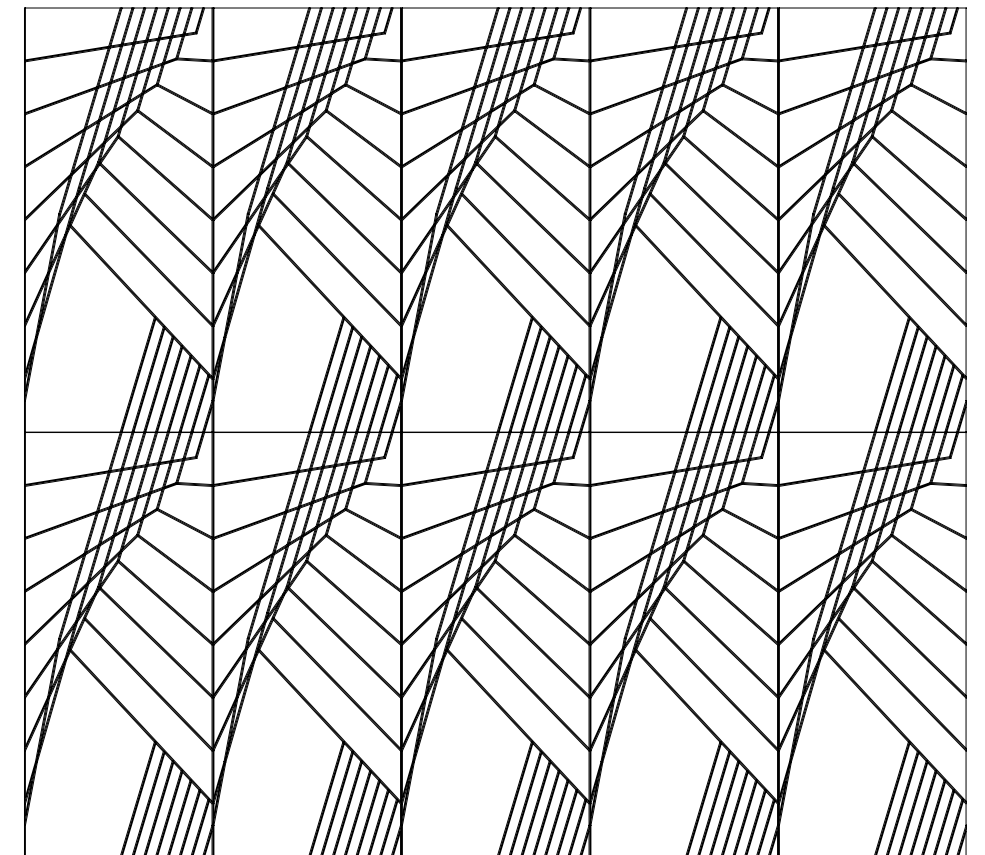
Layout 1



Layout 2

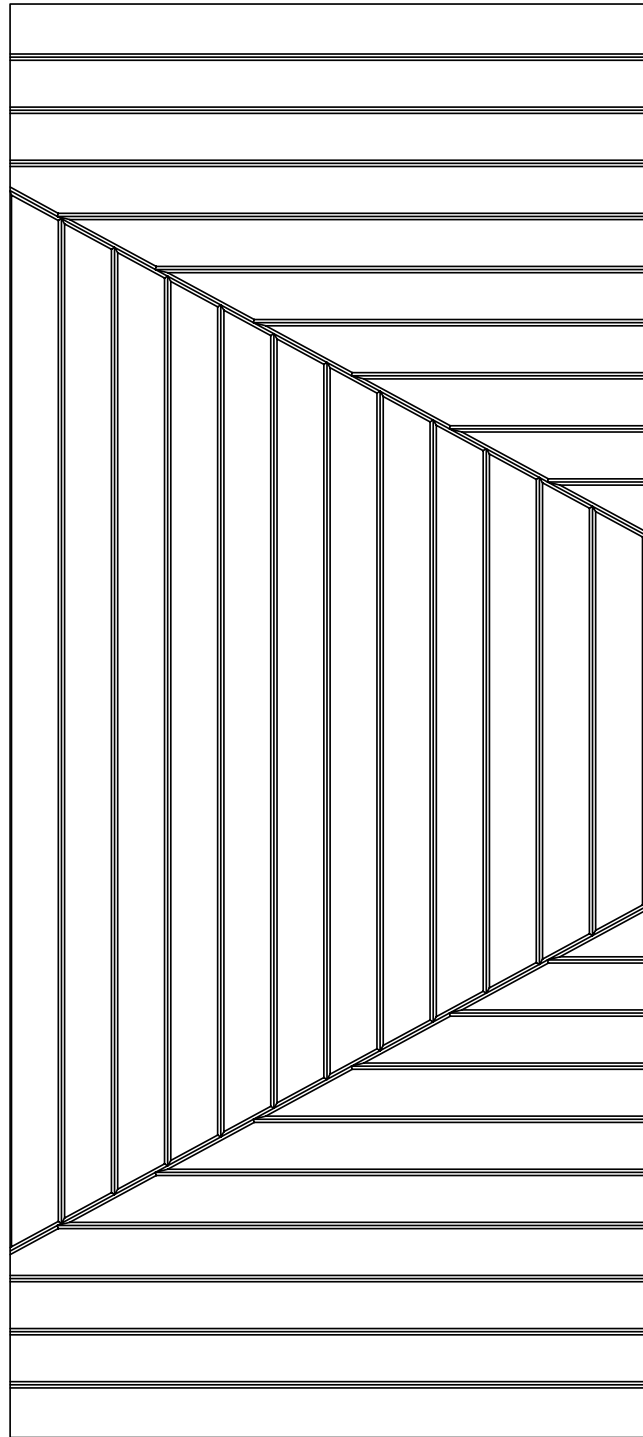


Layout 3

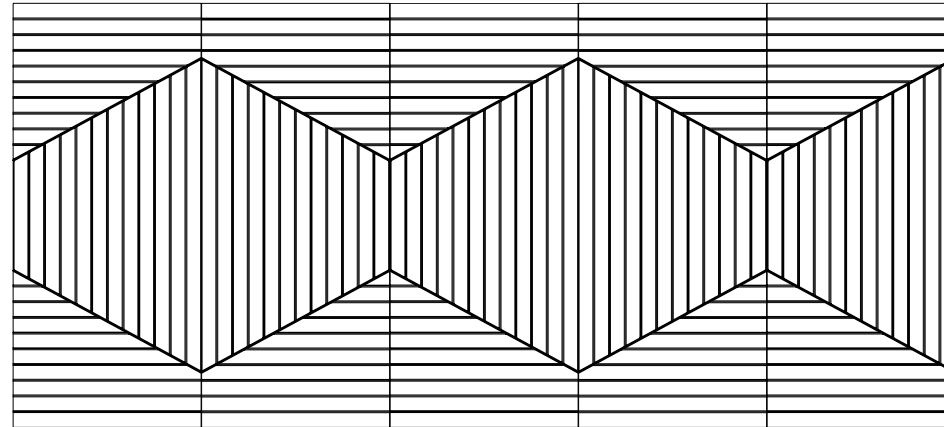


Layout 4

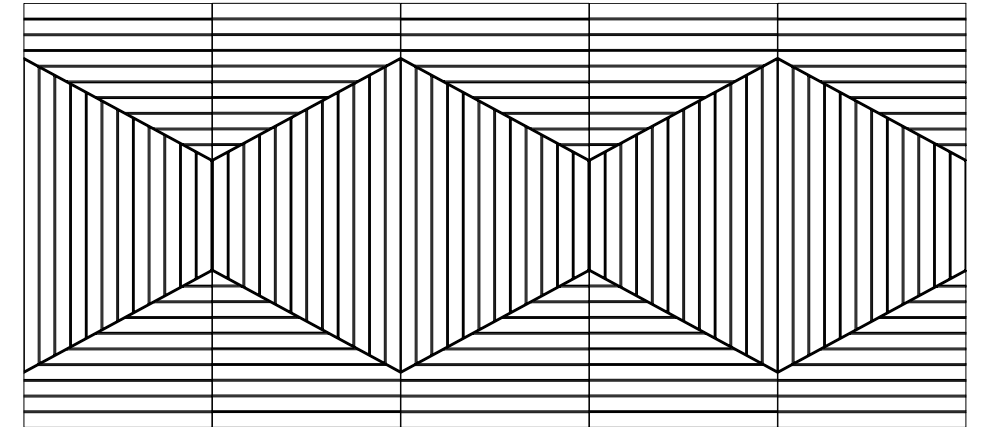
Pulse Designs



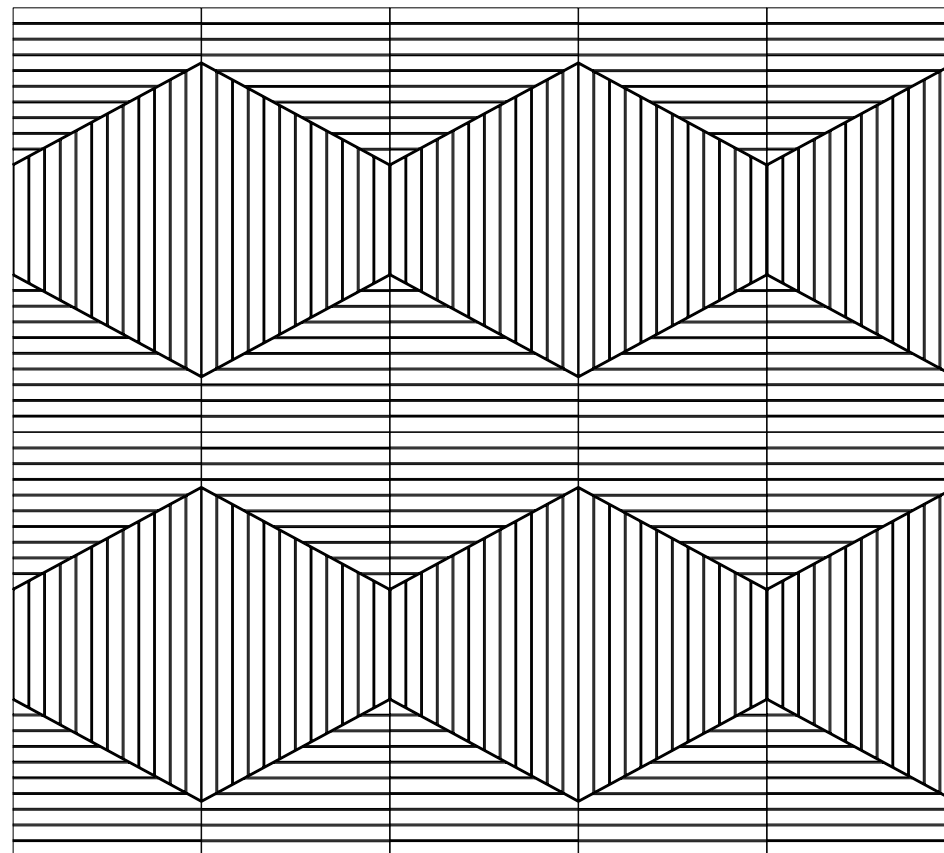
Recommended Layouts



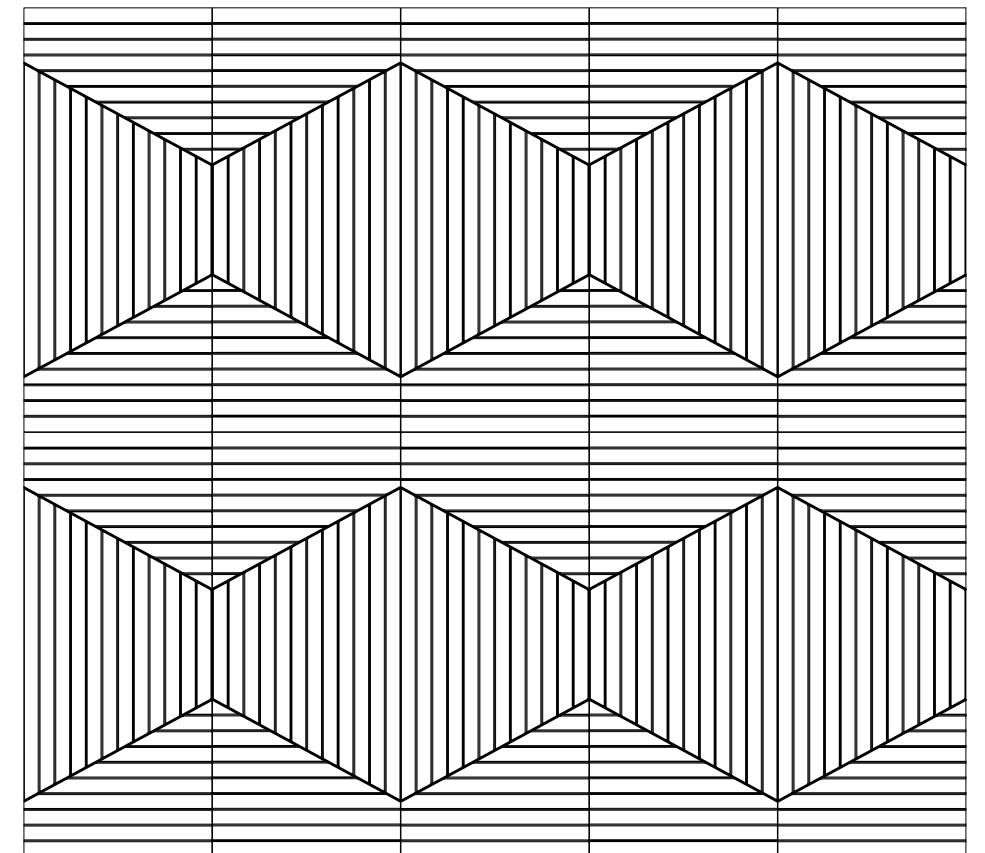
Layout 1



Layout 2

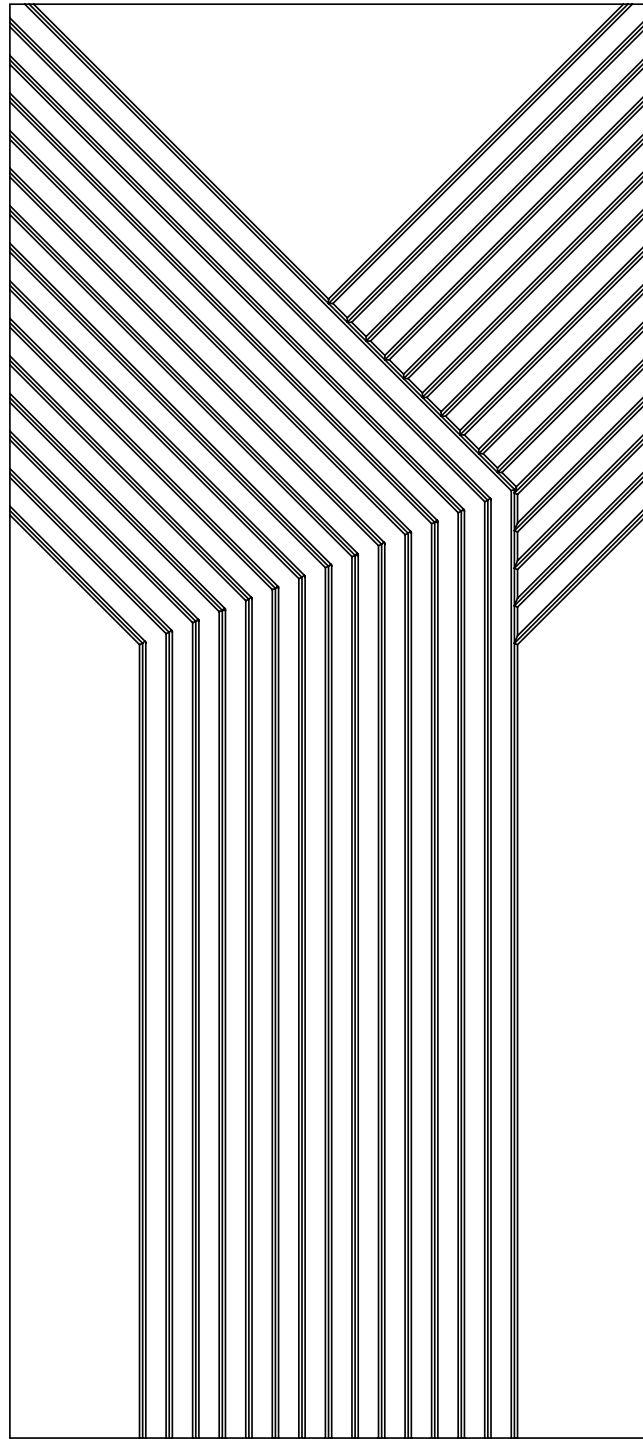


Layout 3

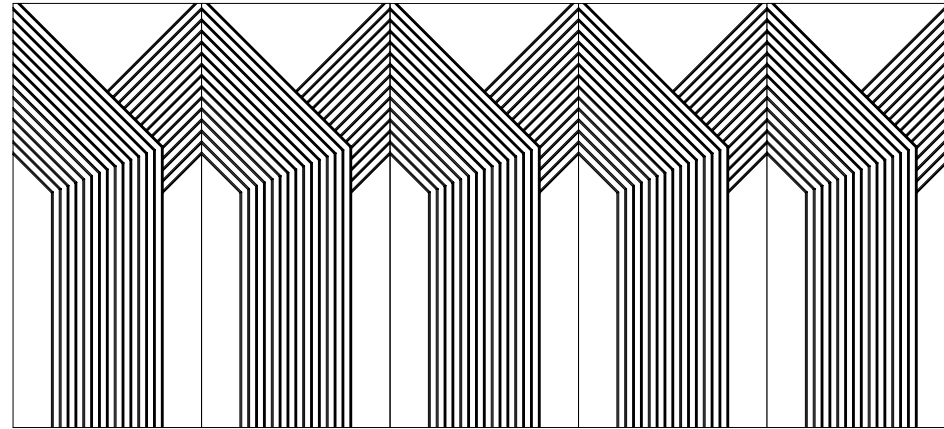


Layout 4

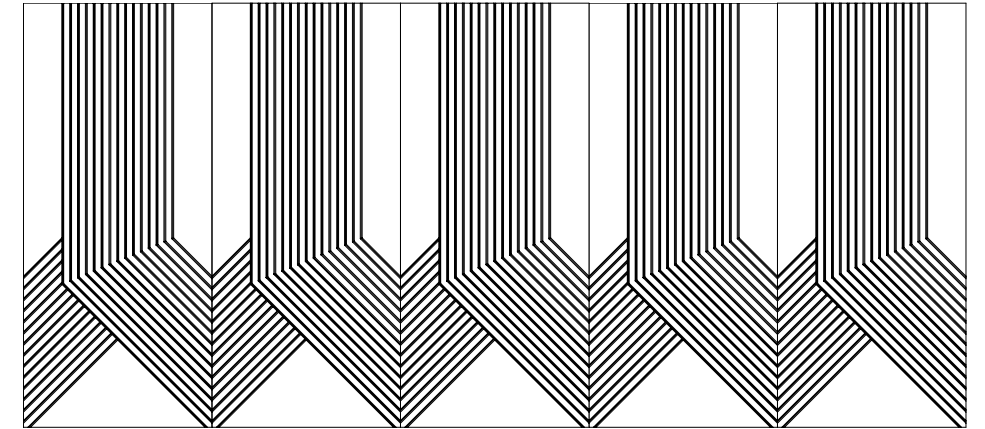
Rowhouse Designs



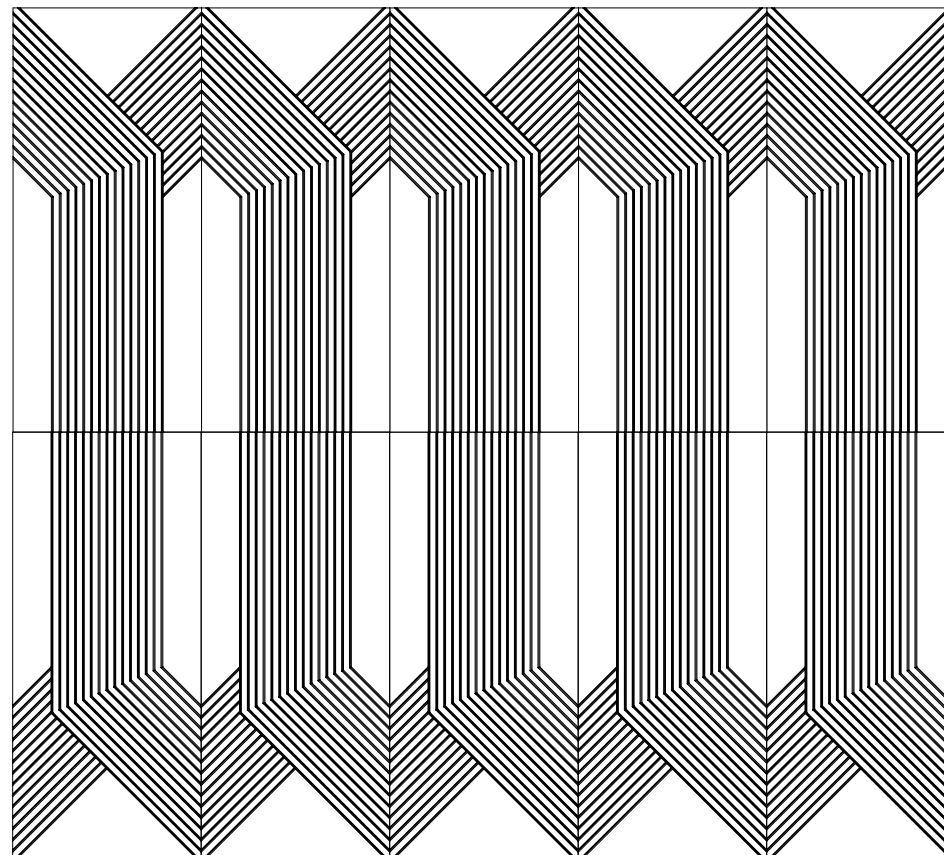
Recommended Layouts



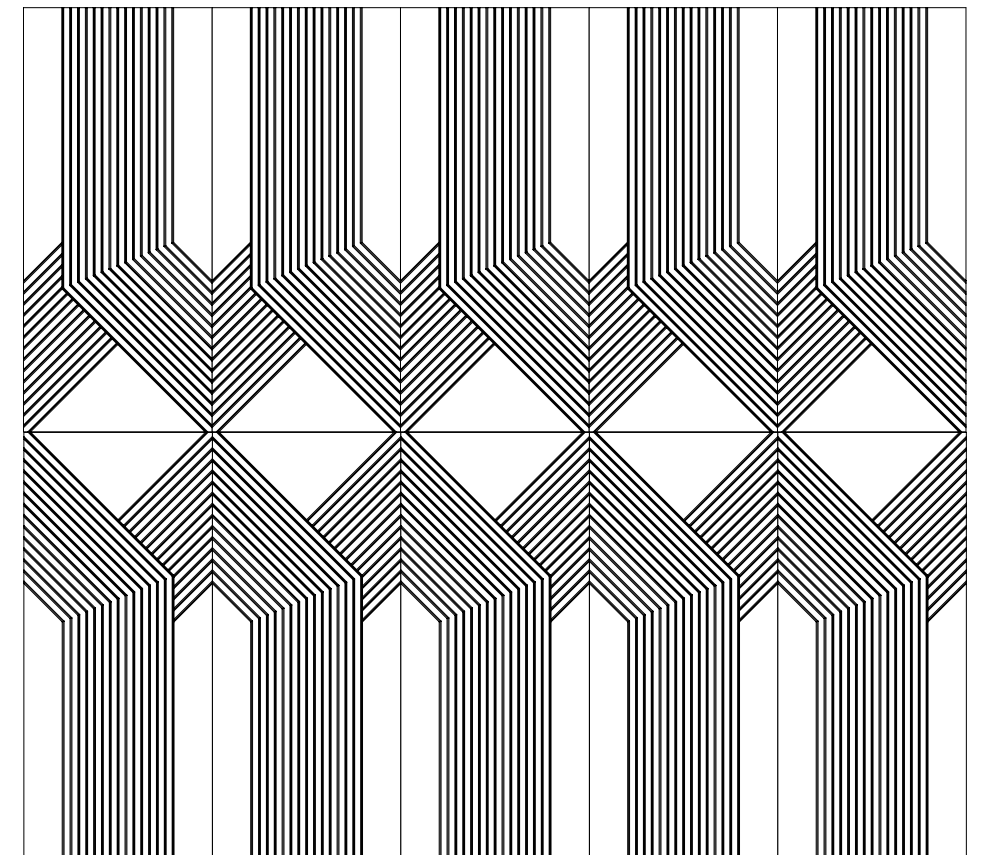
Layout 1



Layout 2

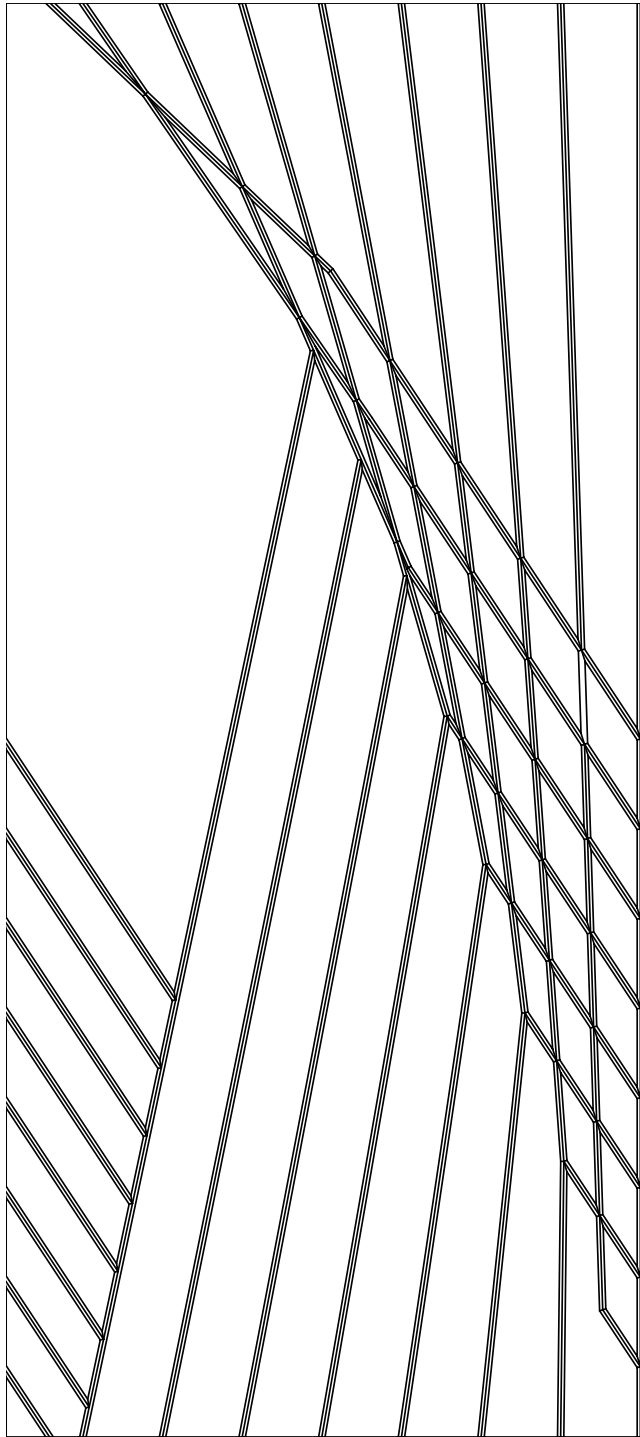


Layout 3

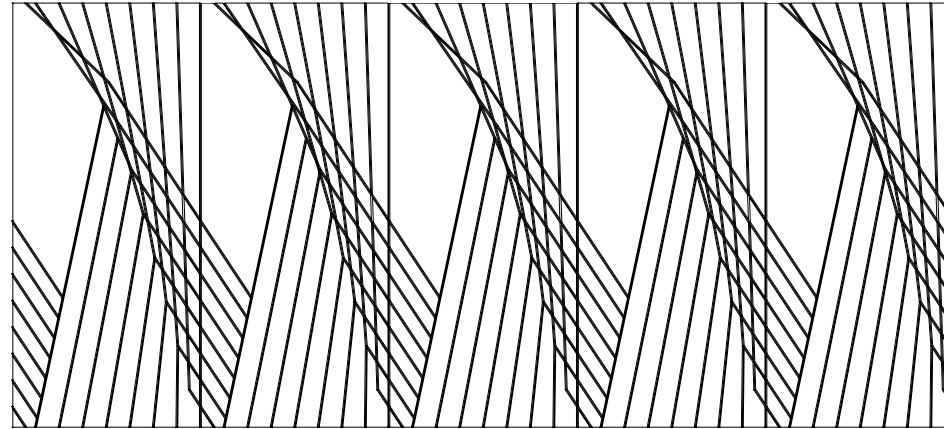


Layout 4

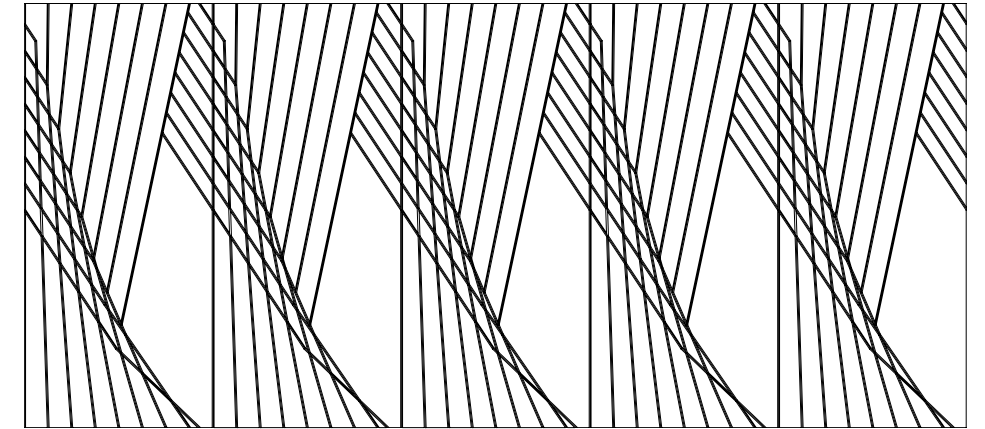
Spirograph Designs



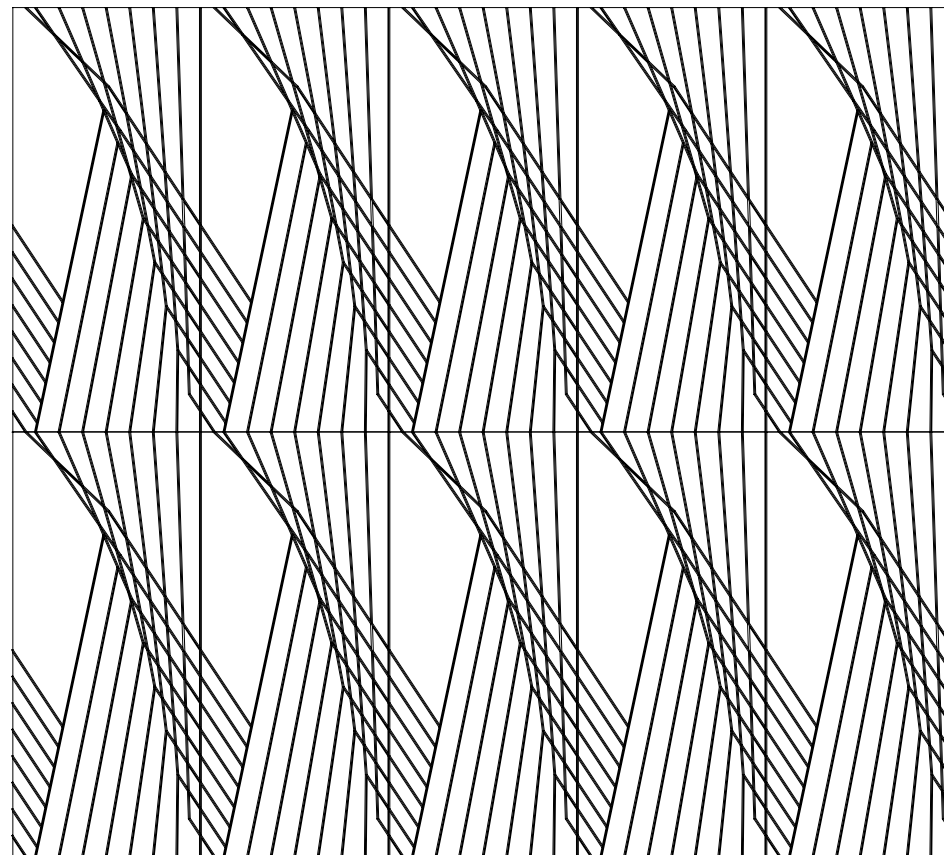
Recommended Layouts



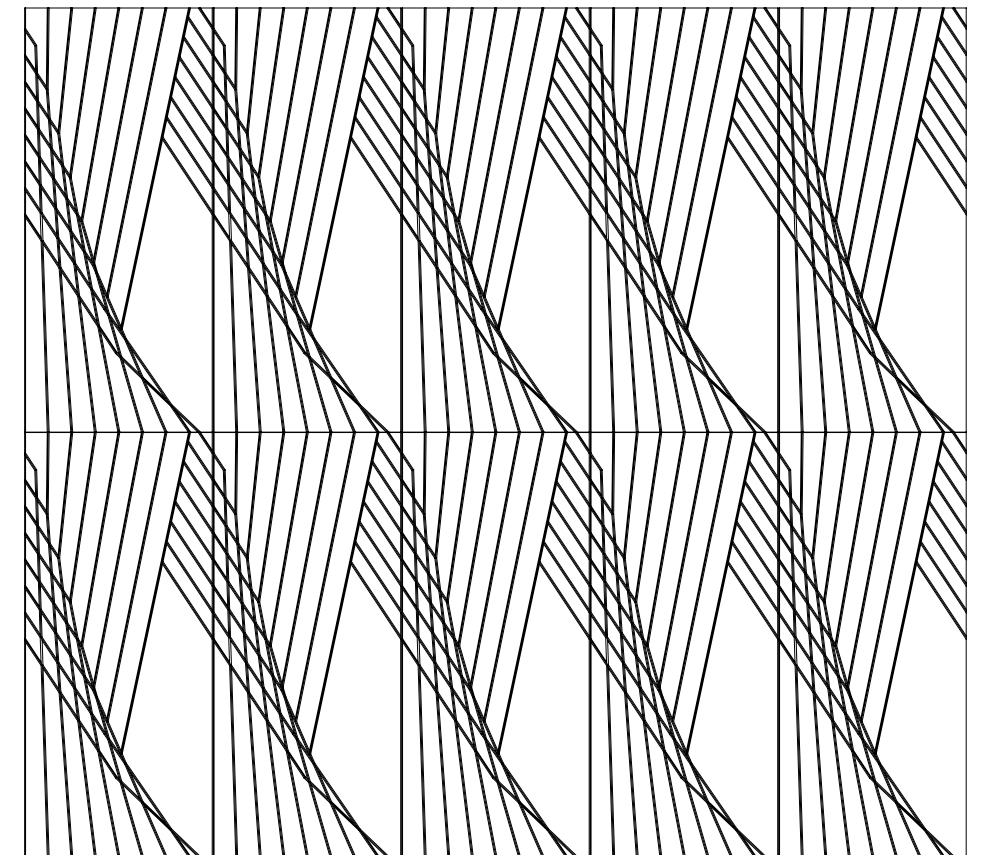
Layout 1



Layout 2



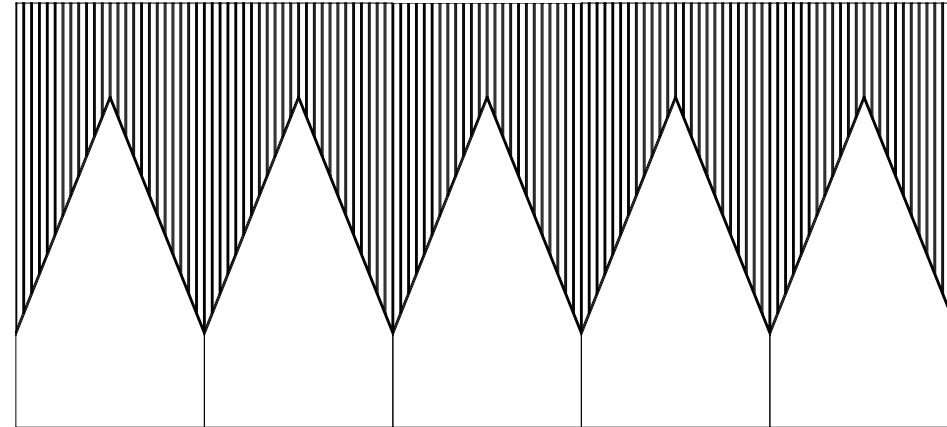
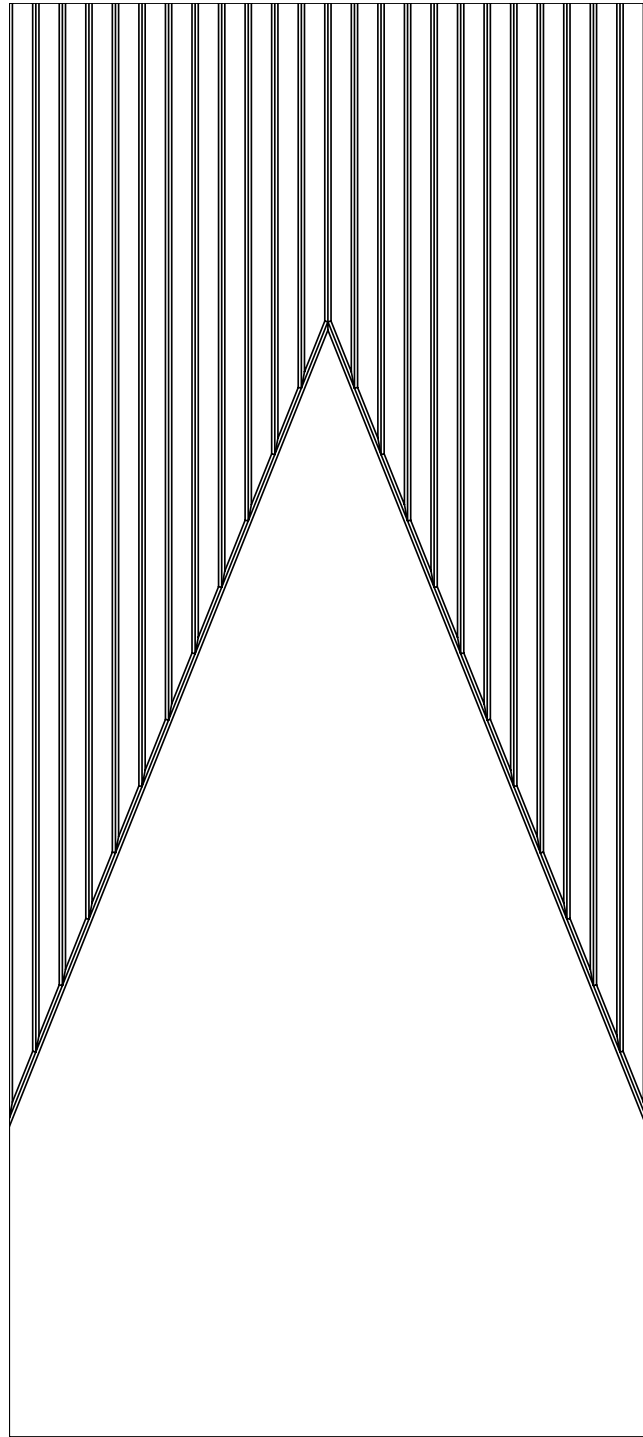
Layout 3



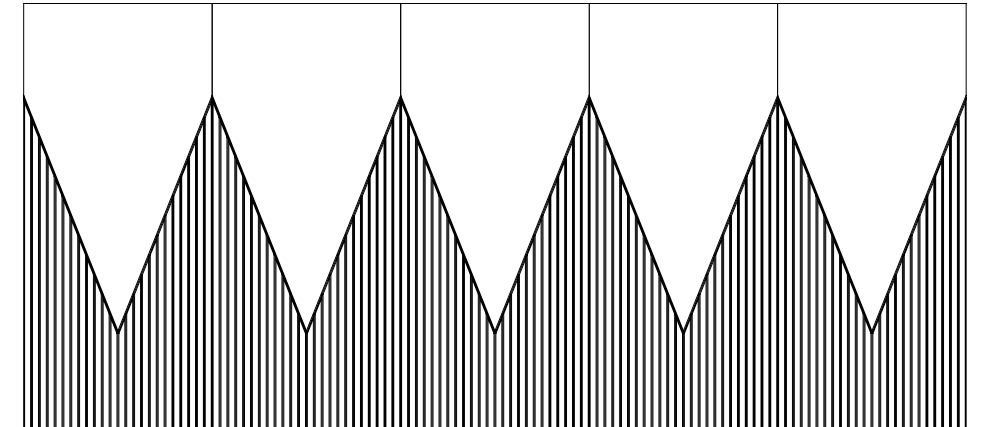
Layout 4

Summit Designs

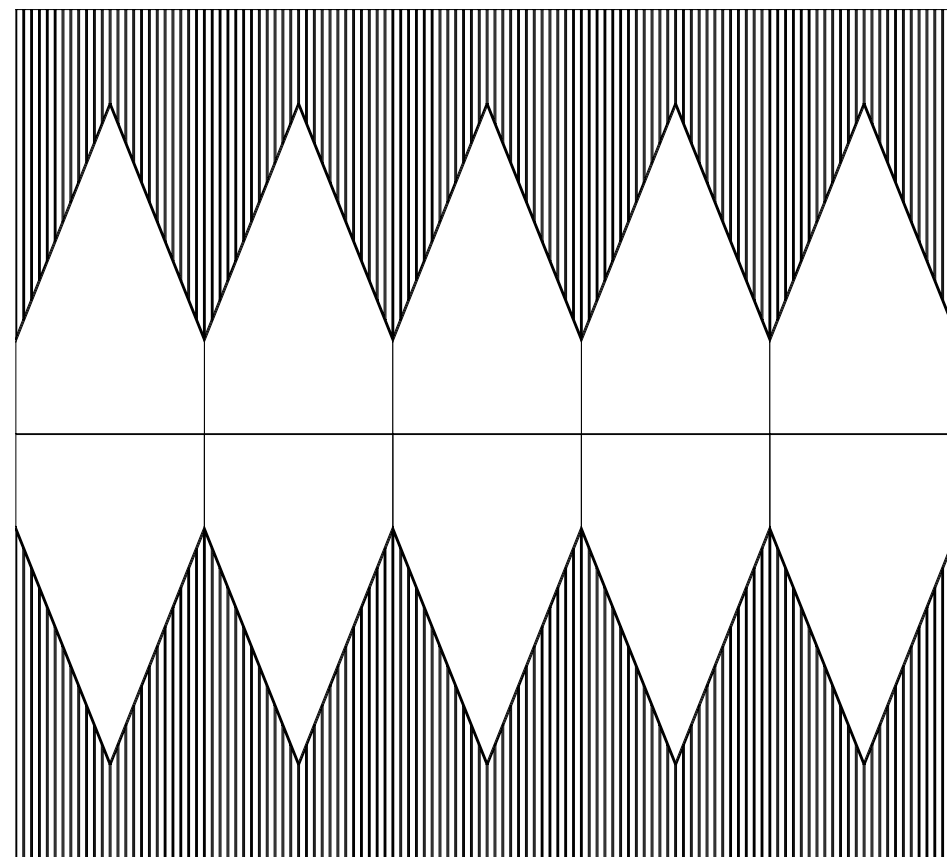
Recommended Layouts



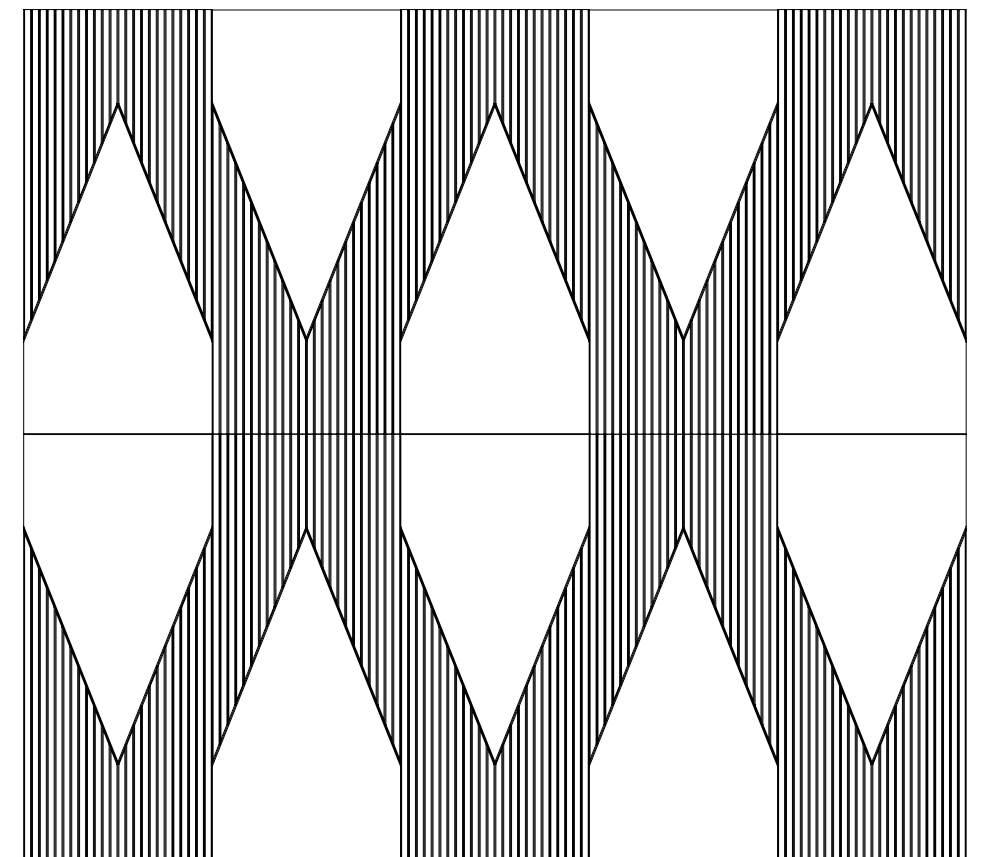
Layout 1



Layout 2

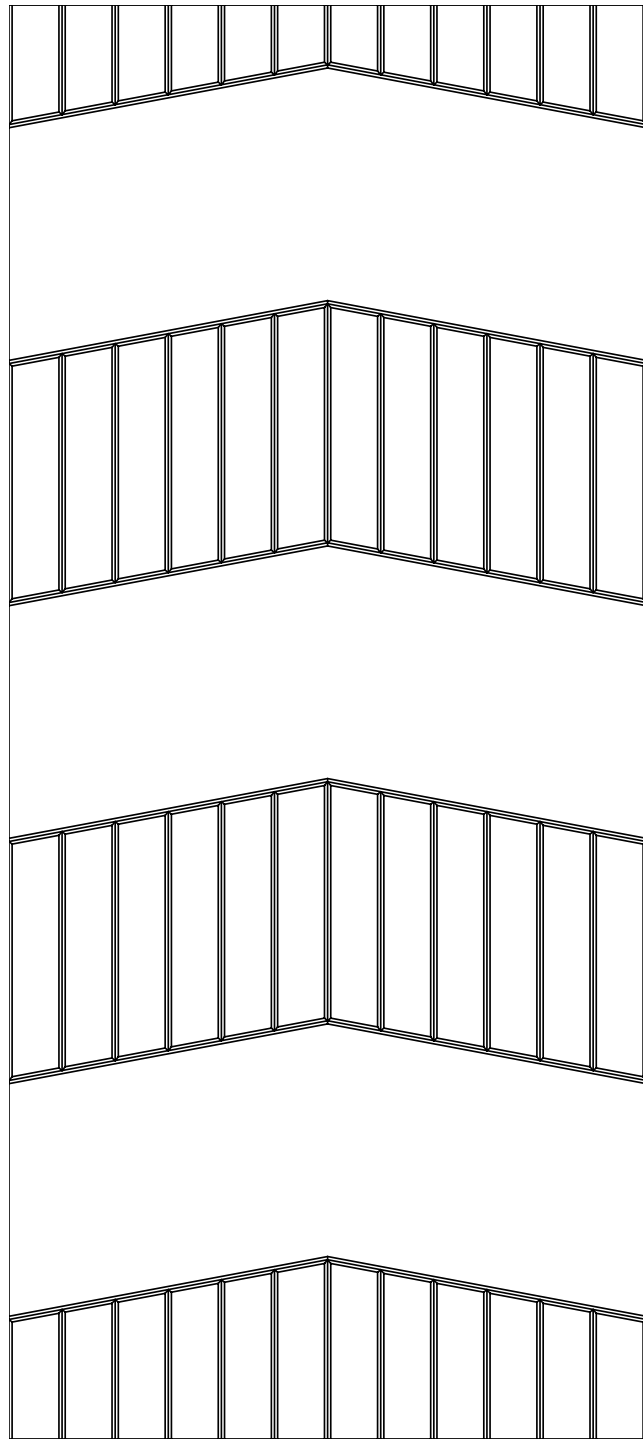


Layout 3

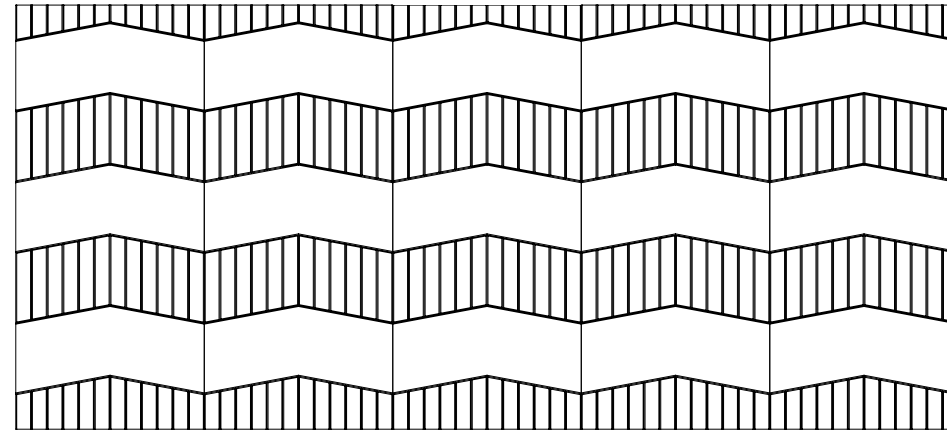


Layout 4

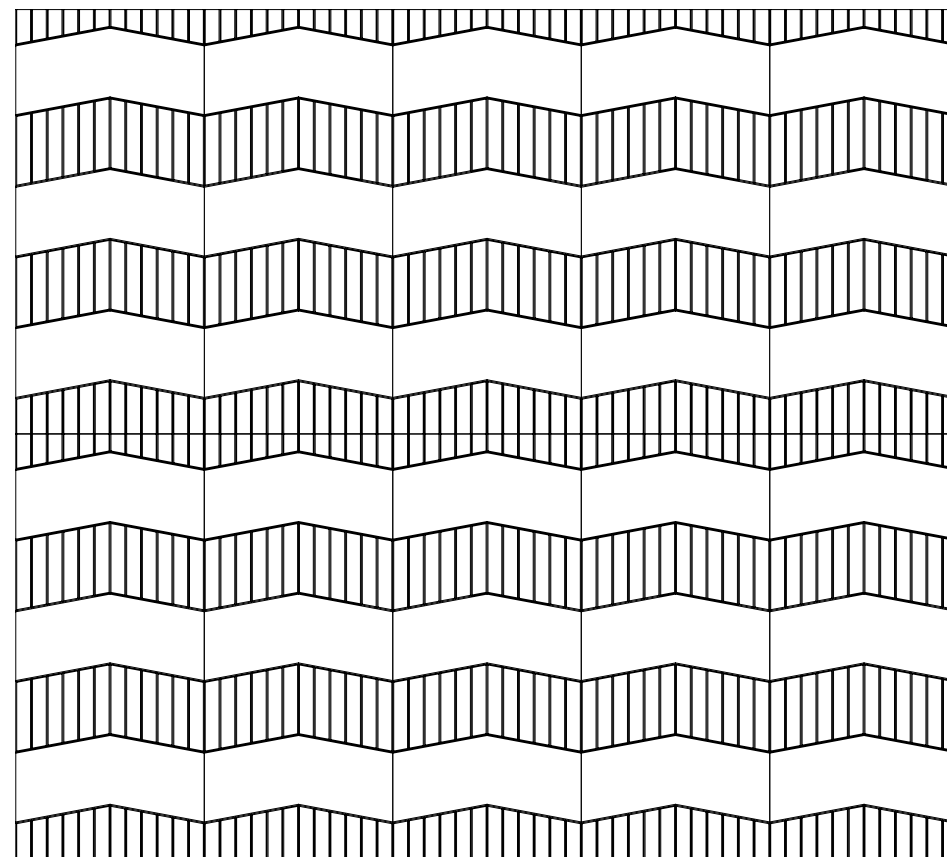
Track Designs



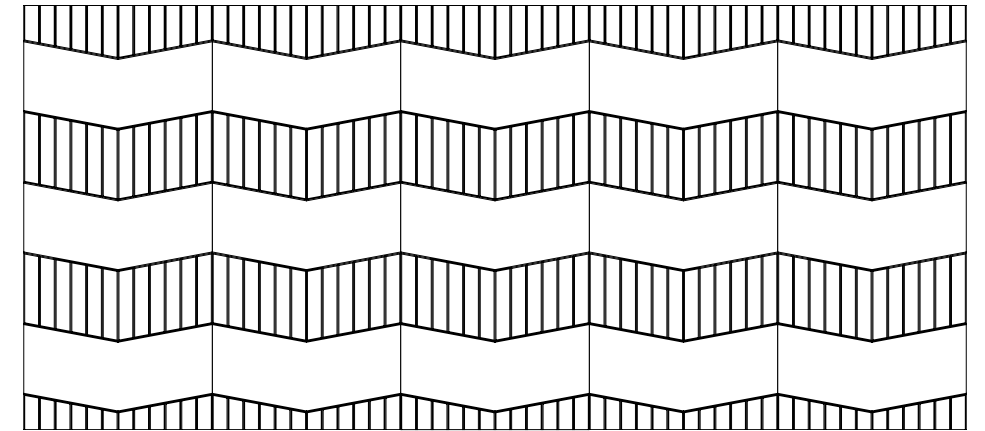
Recommended Layouts



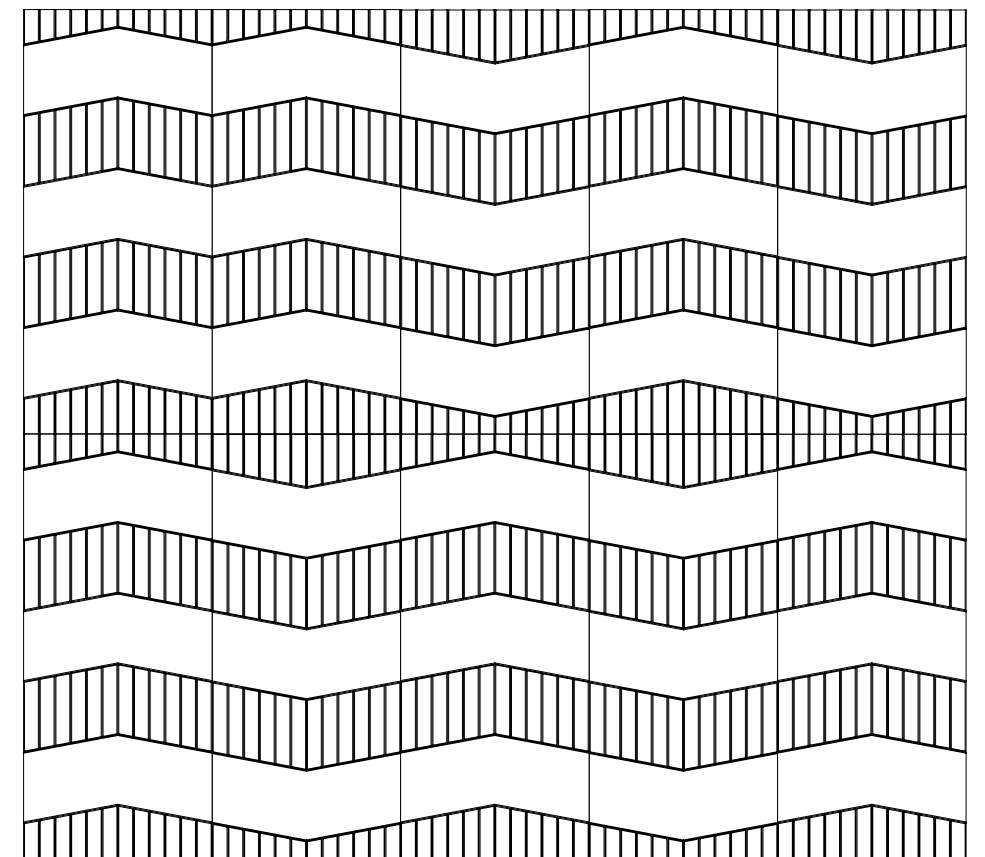
Layout 1



Layout 3

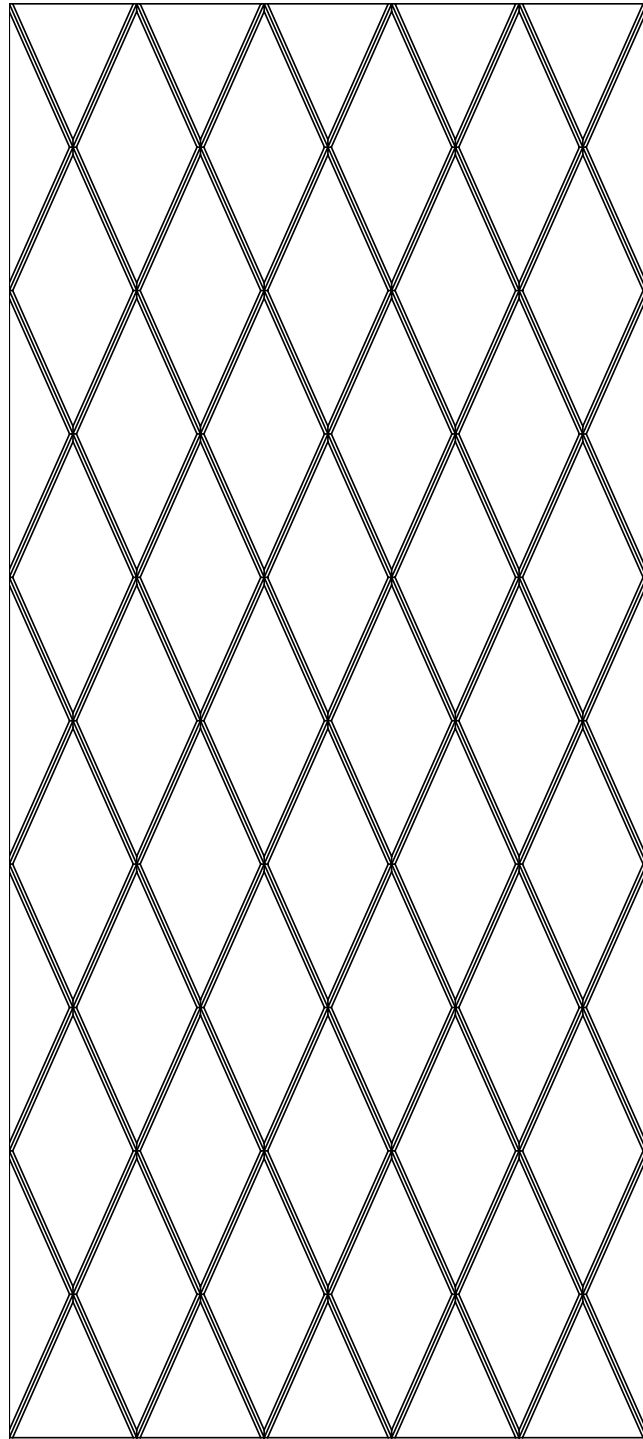


Layout 2

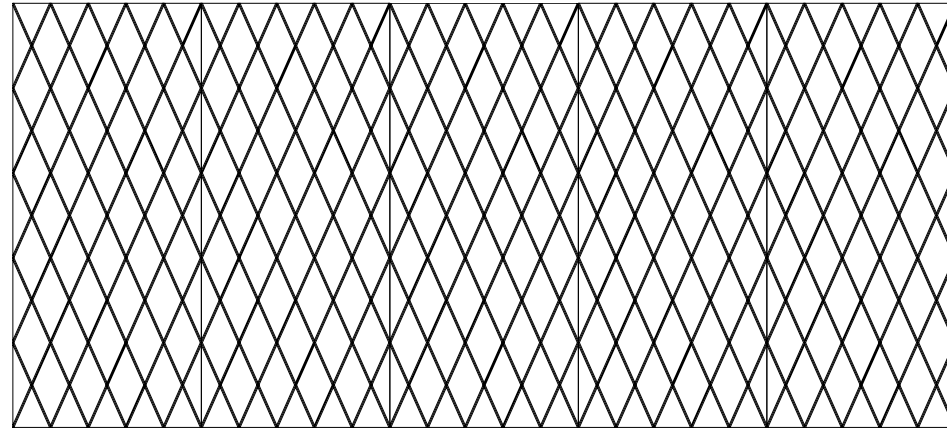


Layout 4

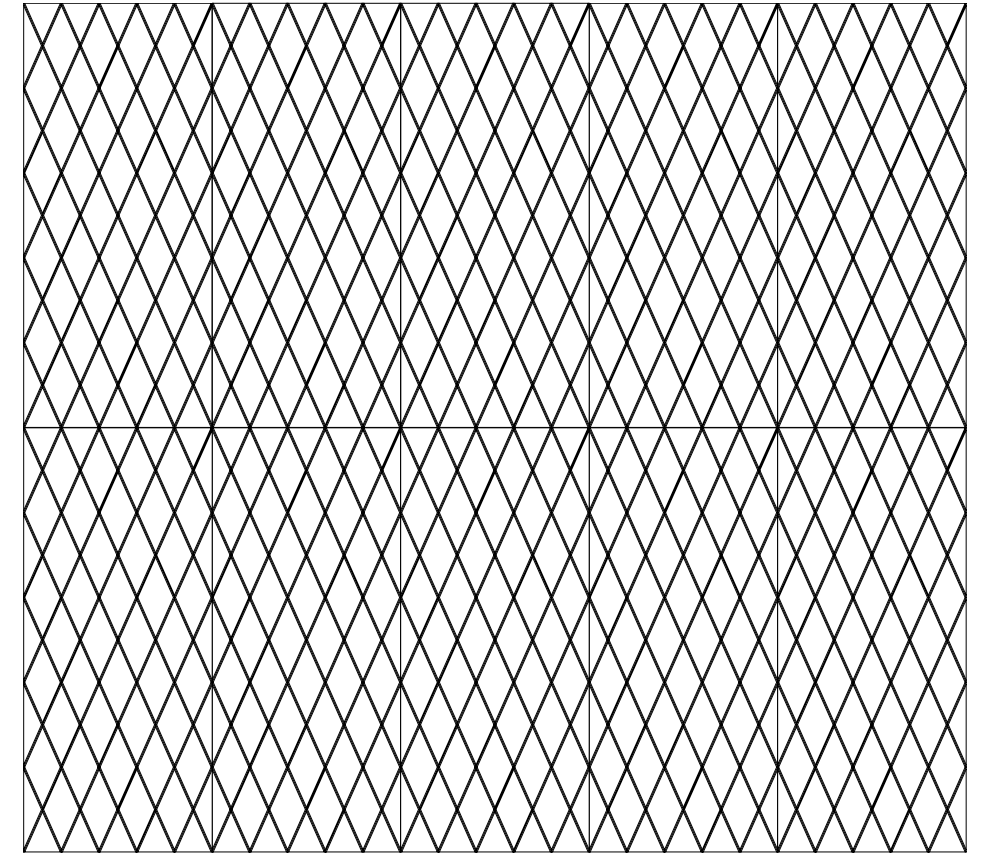
Trellis Designs



Recommended Layouts



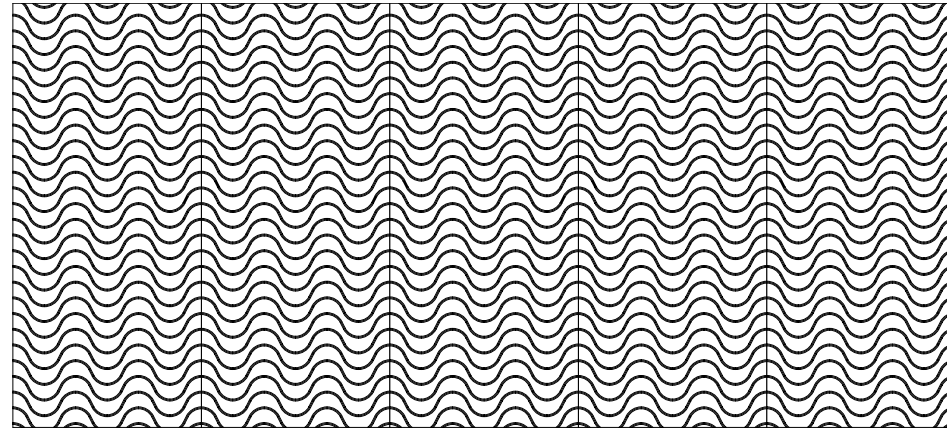
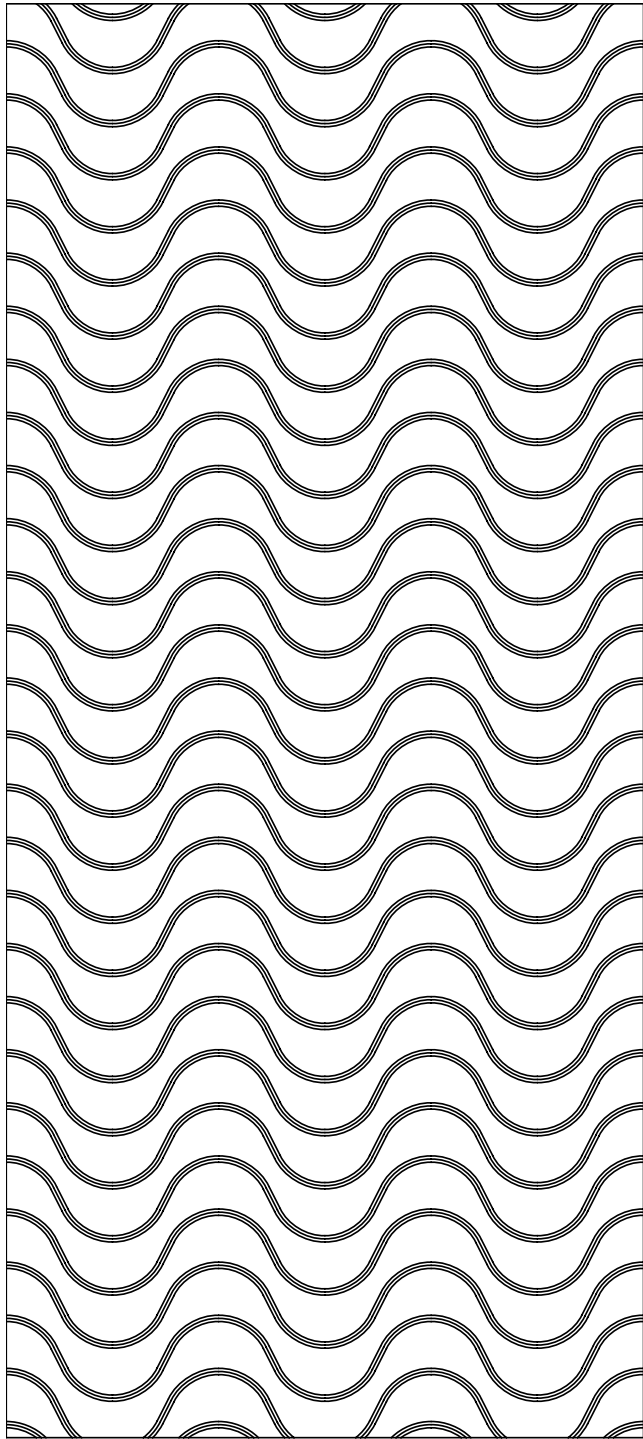
Layout 1



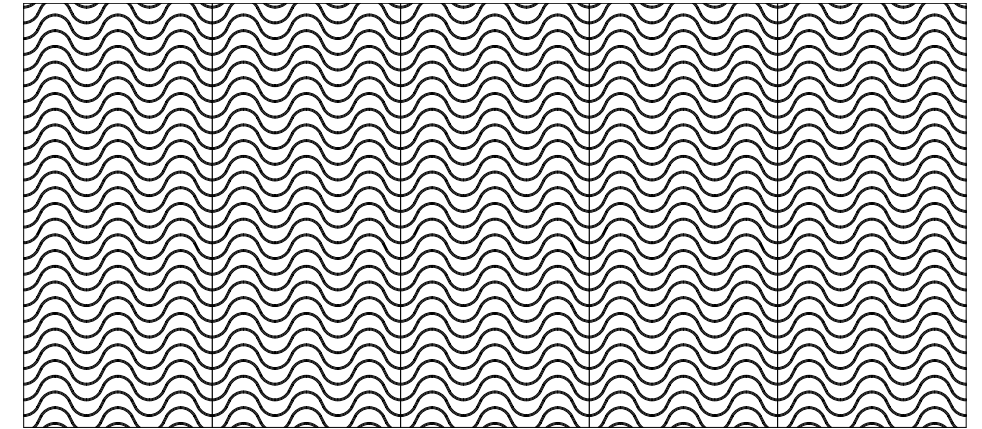
Layout 2

Wavelength Designs

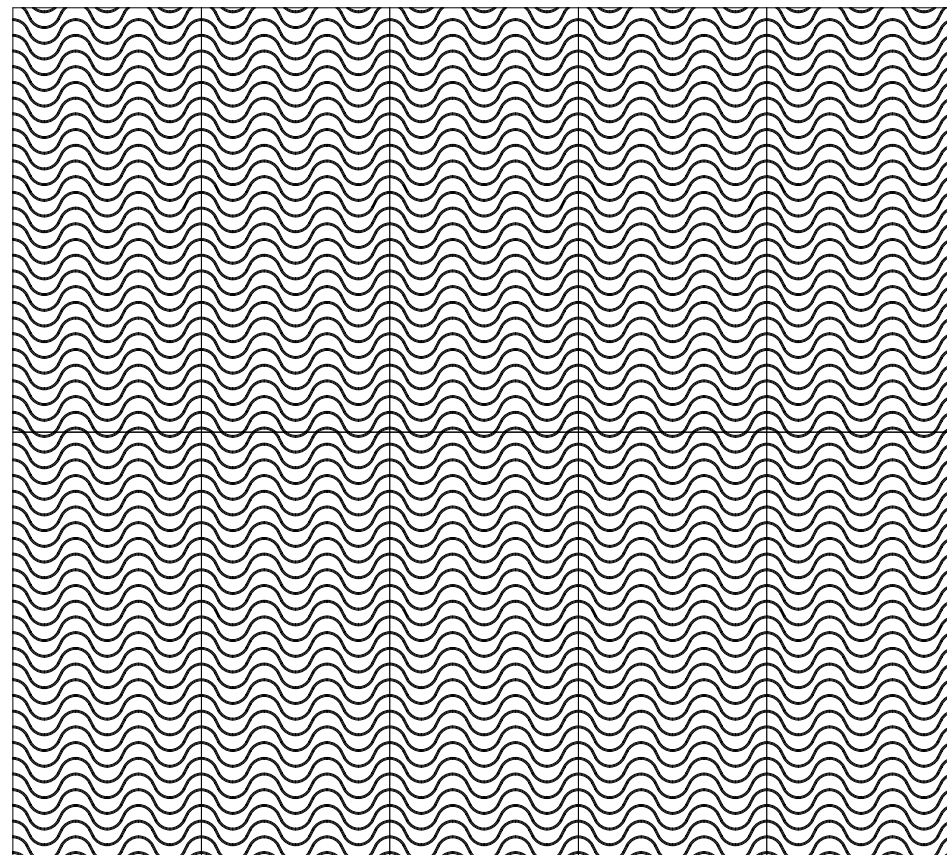
Recommended Layouts



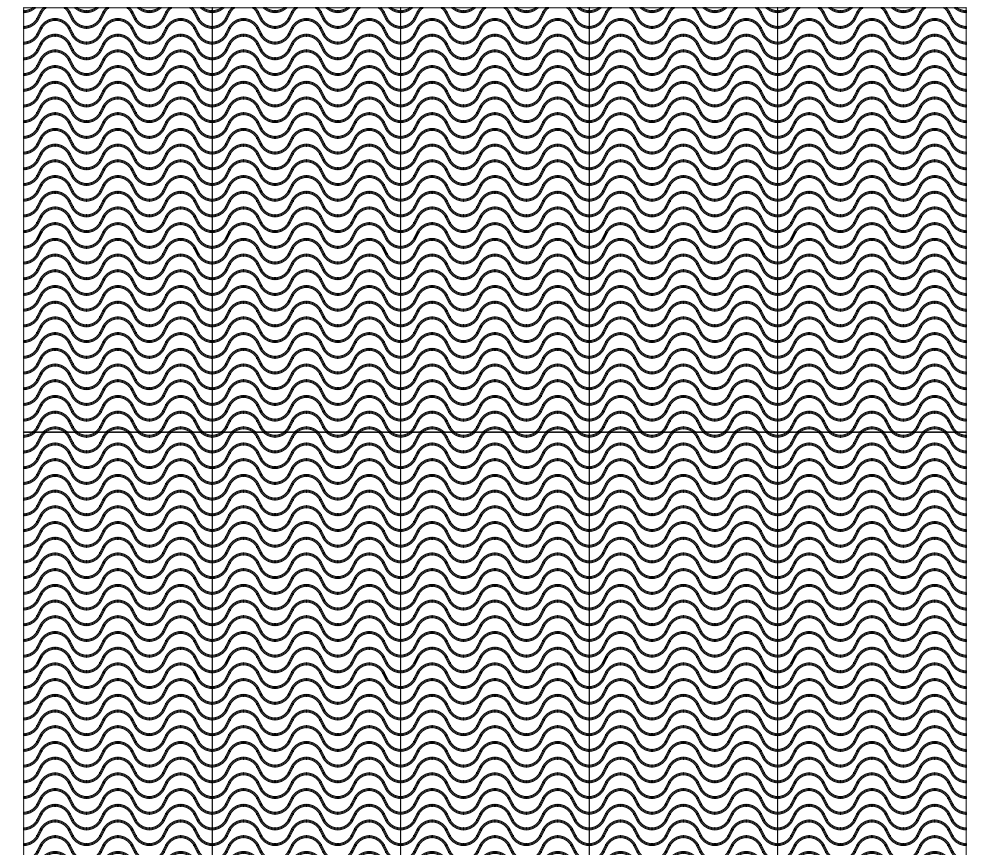
Layout 1



Layout 2



Layout 3



Layout 4

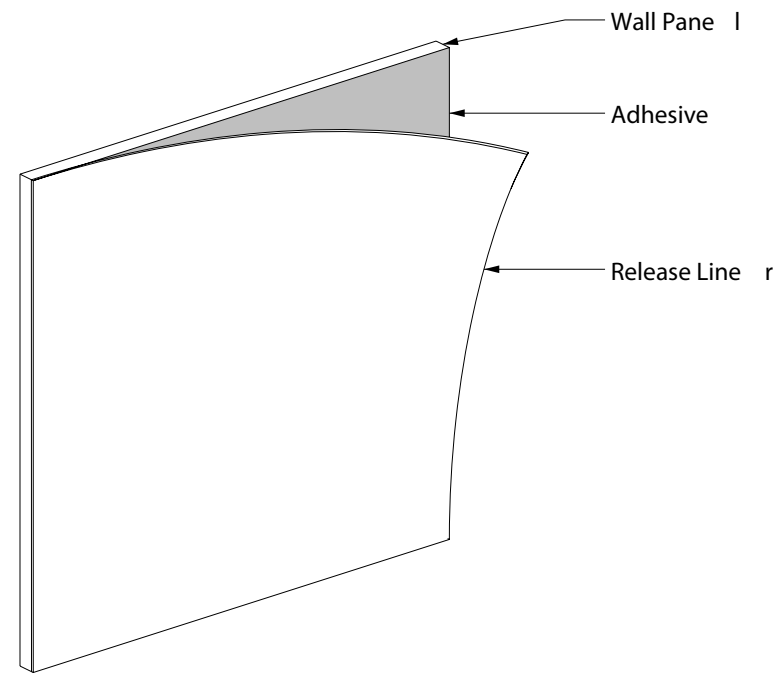
Colorways

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.

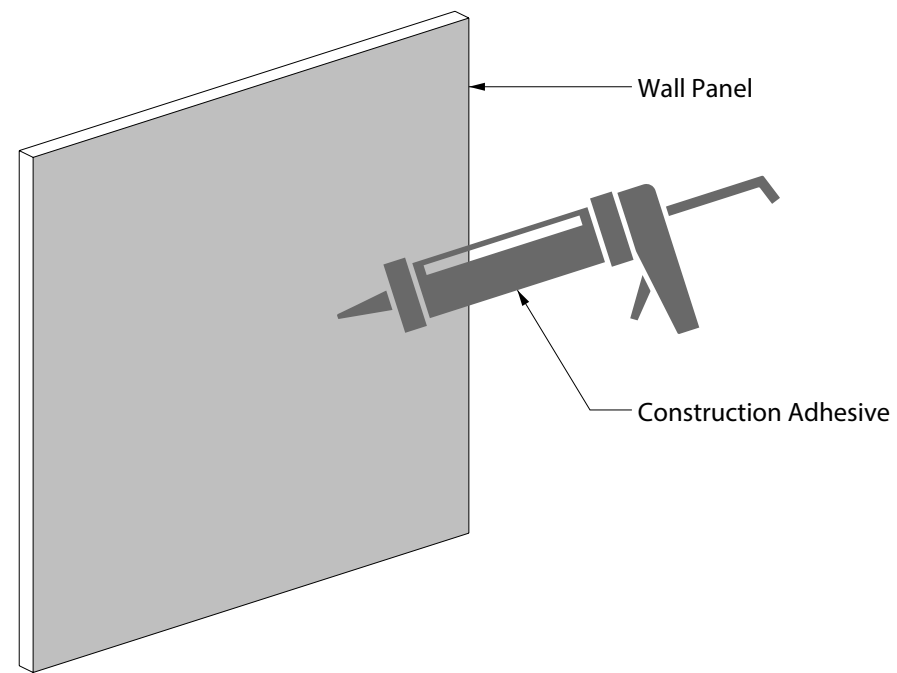
										
Celery LRV - 43.64%	Flint LRV - 5.14%	Shiraz LRV - 3.99%	Quartz LRV - 36.85%	Peppercorn LRV - 8.50%	Currant LRV - 7.04%	Carrot LRV - 20.00%	Peach LRV - 29.00%	Flamingo LRV - 37.54%	Turmeric LRV - 29.59%	Popcorn LRV - 65.00%
										
Kale LRV - 4.50%	Oregano LRV - 8.80%	Thistle LRV - 13.00%	Wasabi LRV - 38.00%	Sencha LRV - 34.15%	Pistachio LRV - 30.00%	Midnight Blue LRV - 3.50%	Granite LRV - 6.40%	Denim LRV - 6.00%	Peacock LRV - 19.00%	Azur LRV - 18.00%
										
Marine LRV - 25.00%	Periwinkle LRV - 36.00%	Sea Salt LRV - 28.56%	Lilac LRV - 39.00%	Iris LRV - 10.50%	Berry LRV - 12.00%	Piano Black LRV - 3.00%	Charcoal LRV - 5.46%	Slate LRV - 12.50%	Grey LRV - 27.00%	Metal LRV - 35.00%
										
Platinum LRV - 42.00%	Walnut LRV - 12.14%	Umber LRV - 20.35%	Almond LRV - 53.64%	Ivory LRV - 40.00%	Pearl LRV - 54.00%	White LRV - 83.22%	Lipstick Red LRV - 12.50%	Butter LRV - 62.00%		

Mounting Methods

Adhesive Backing

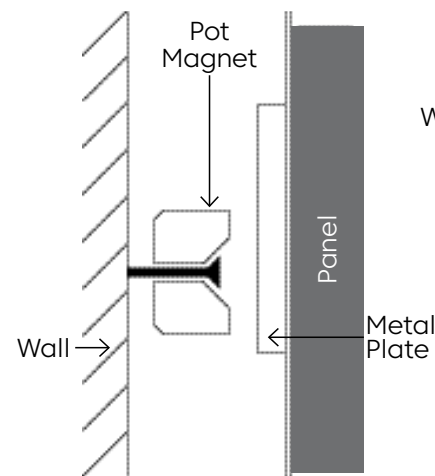


Construction Adhesive

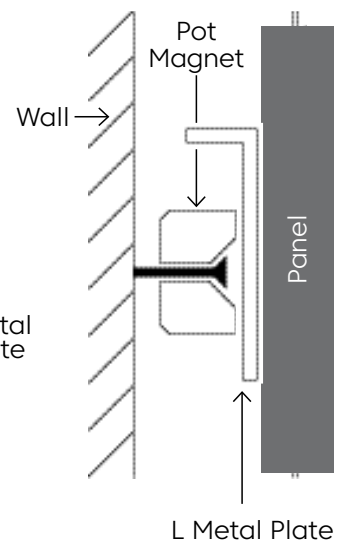


Pot Magnet Install

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

