

STEP #8: Prepare Horizontal Sleeve as shown. (see each ends on the plan)

STEP #6: Install Dacron Reinforcement on vertical sleeves leading edge

STEP #3: Double fold hem the main sail's leading & trailing edges

STEP #1: Place reinforcement on both keels and both side sails

Optional V Shaped Leading Edge.

STEP #4: Cut and sew webbing on each side sails and keels.

STEP #9: Sew the horizontal sleeve and the vertical sleeves. Proper sequence is important to properly do the crossing points.

STEP #2: Double fold hem each keel and side sail and sew the storage sleeve.

STEP #5: Sew all the sail and keels pieces together. DO NOT CLOSE the vertical sleeve yet (See STEP #9)

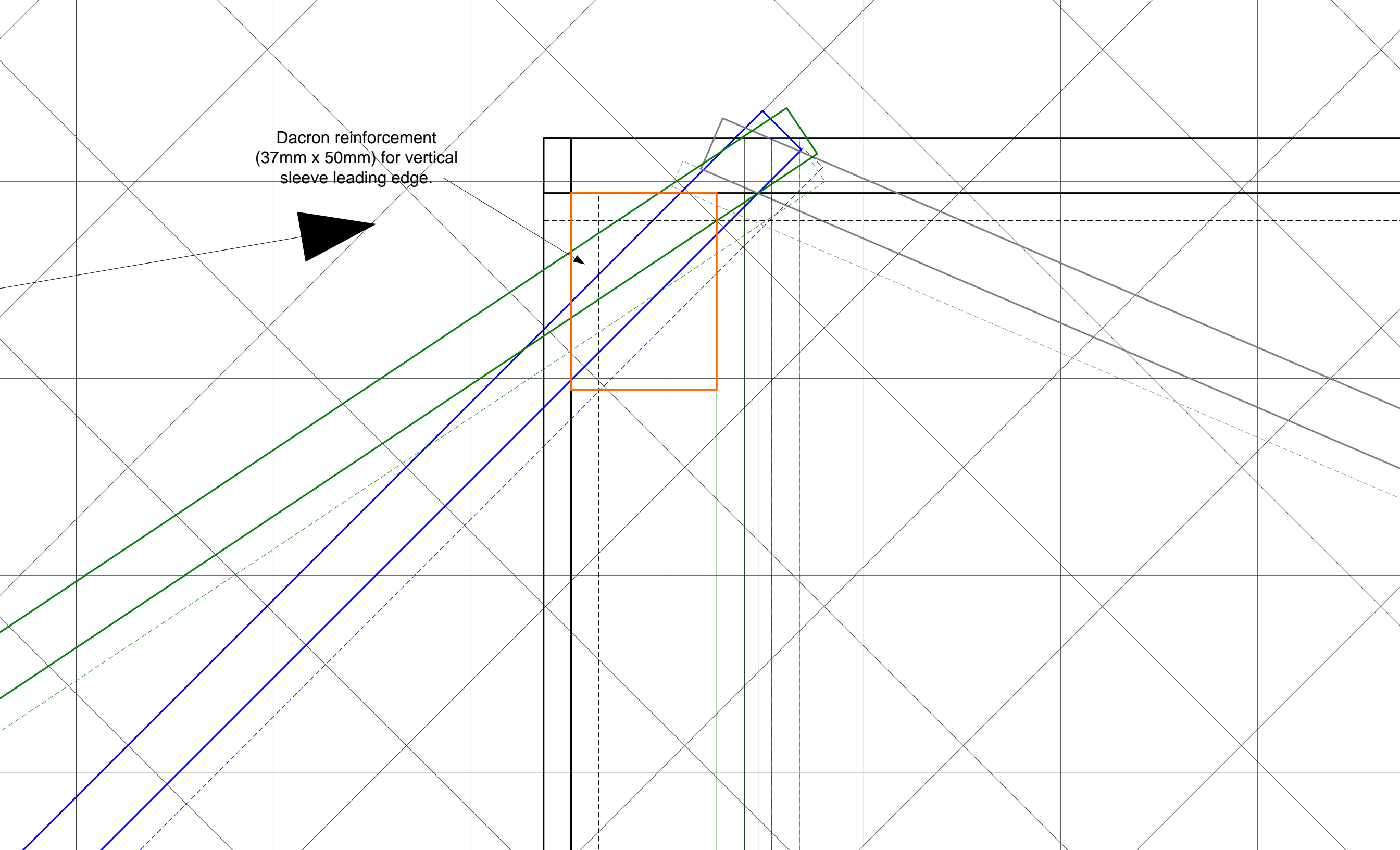
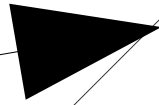
STEP #7: Install Dacron Reinforcement, webbing and velcro hooks on vertical sleeves trailing edge

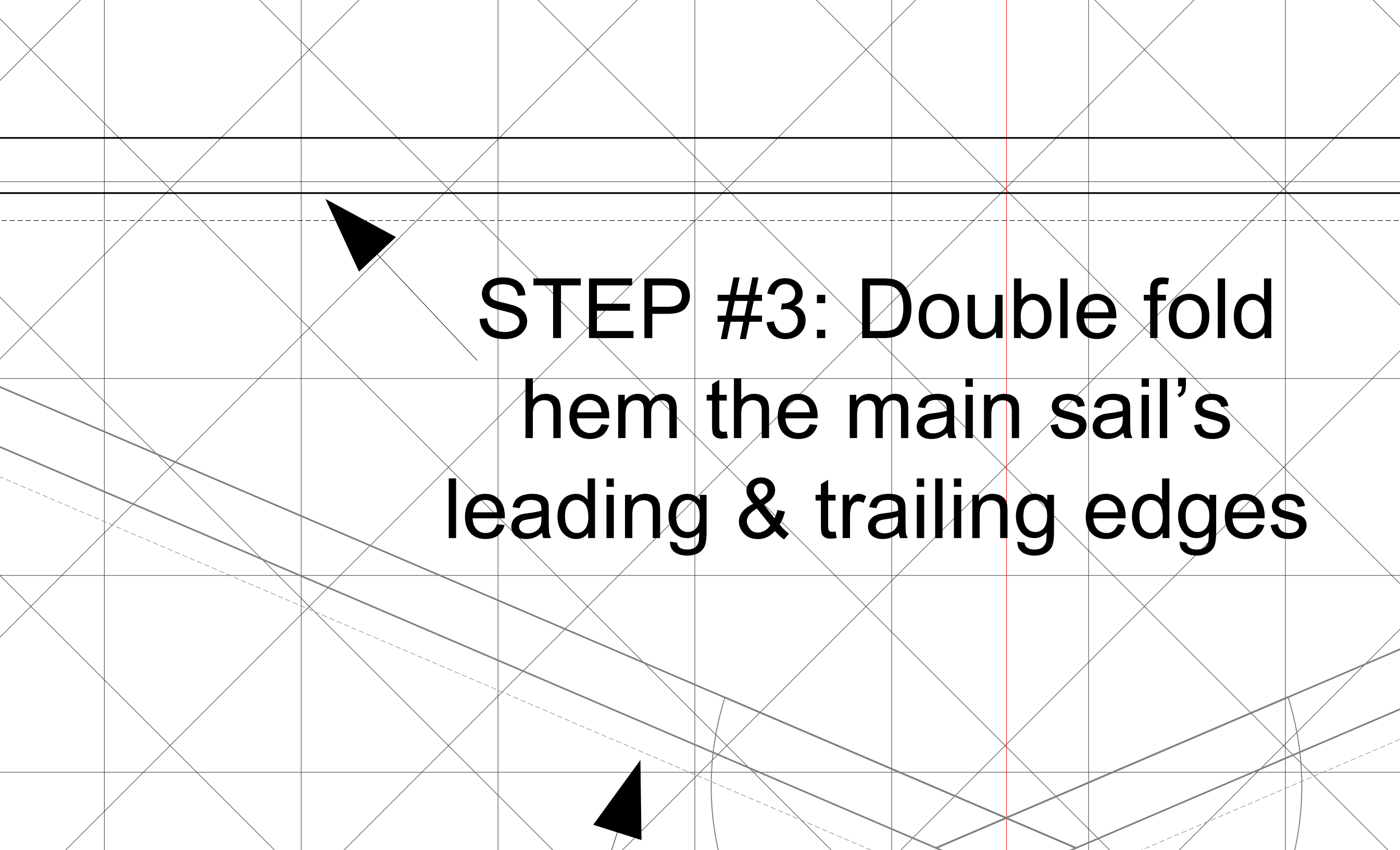
Original PLCD plan by: <http://www.bbsnet.com/news/Downwind%20Plan%20.pdf>
 Modified PLCD plan by: Yve Hoops, Dieppe, NB, Canada, www.yvehoops.com

**STEP #8: Prepare
Horizontal Sleeve as
shown. (see each ends
on the plan)**

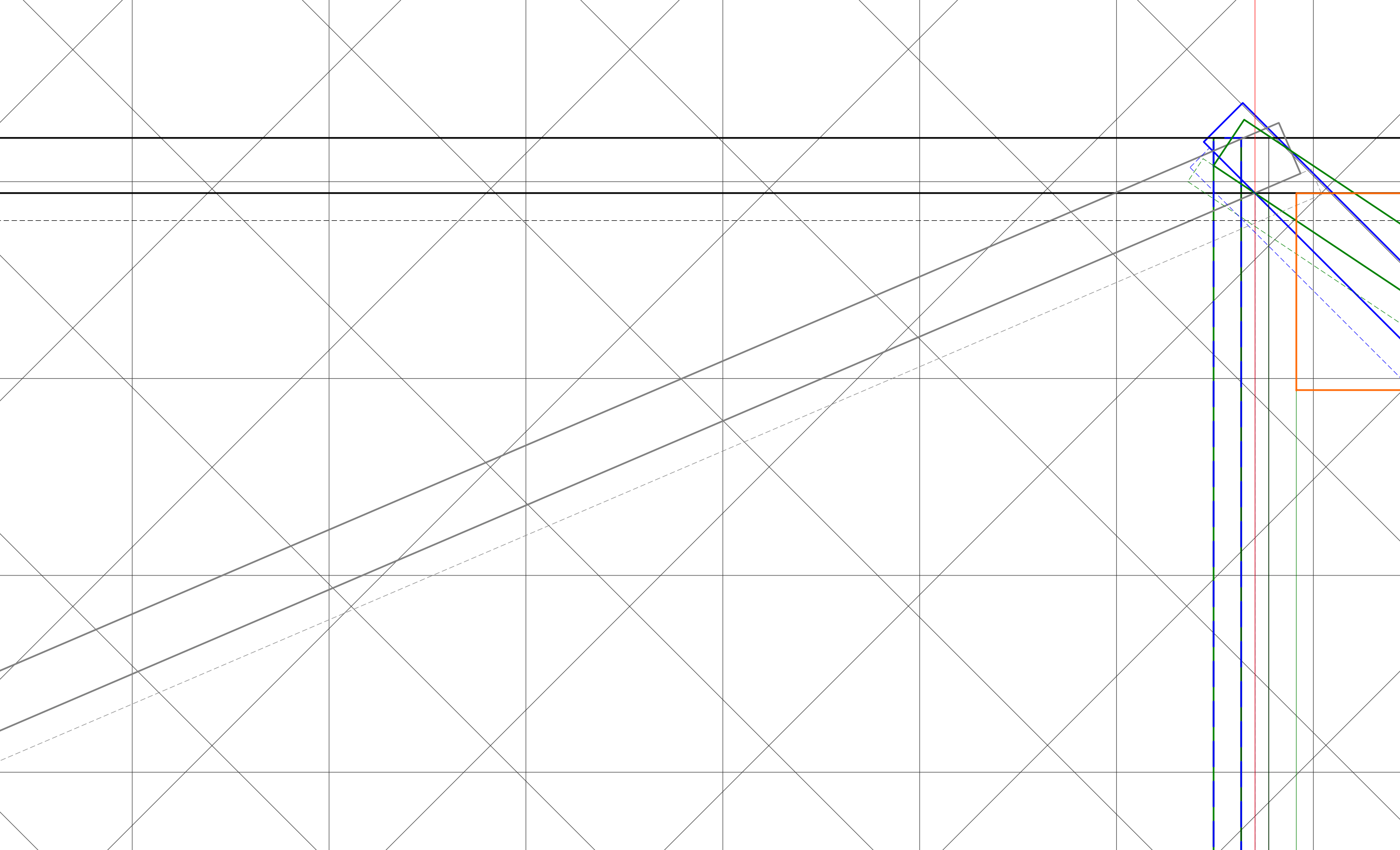
**STEP #6: Install Dacron
Reinforcement on
vertical sleeves leading
edge**

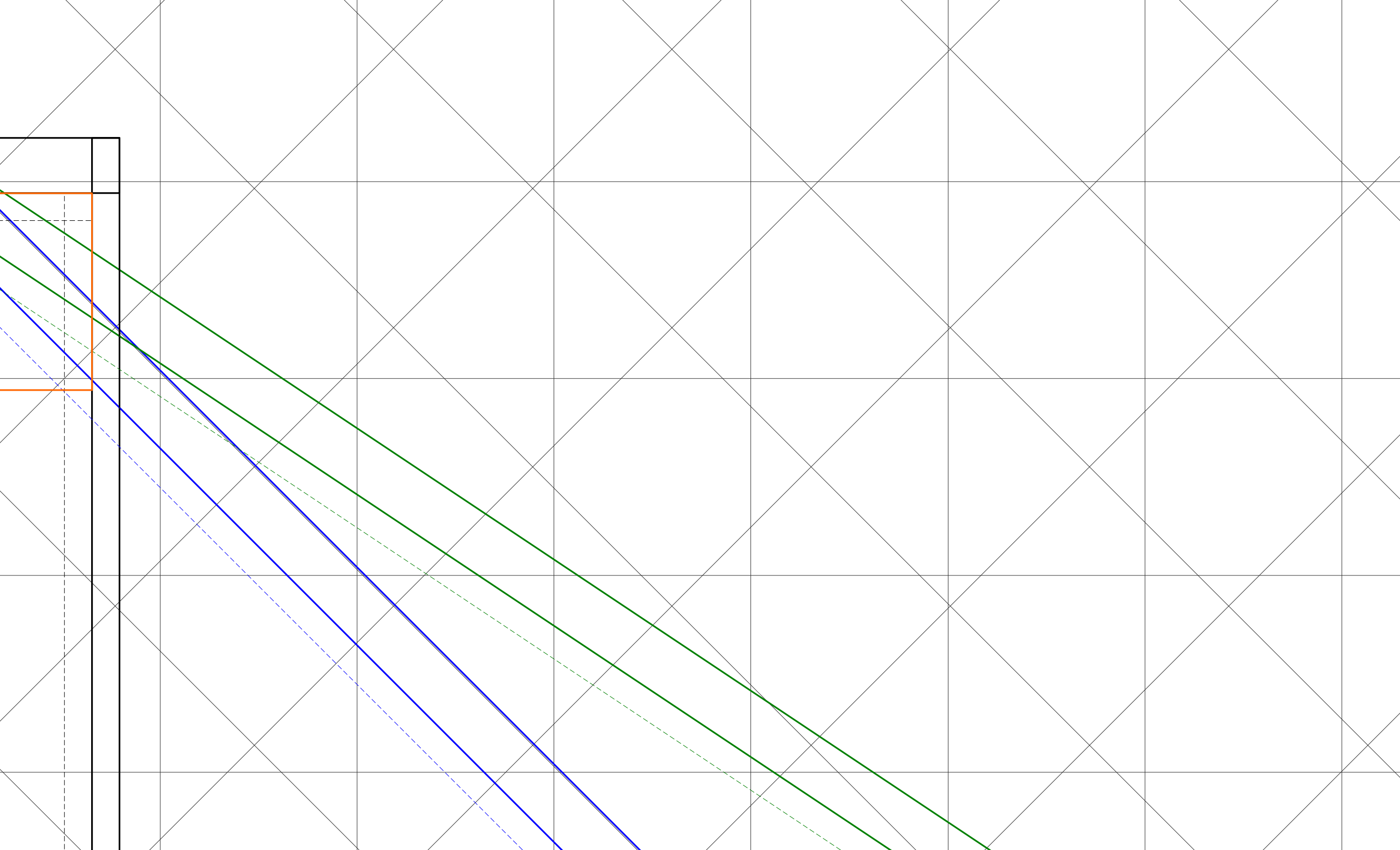
Dacron reinforcement
(37mm x 50mm) for vertical
sleeve leading edge.

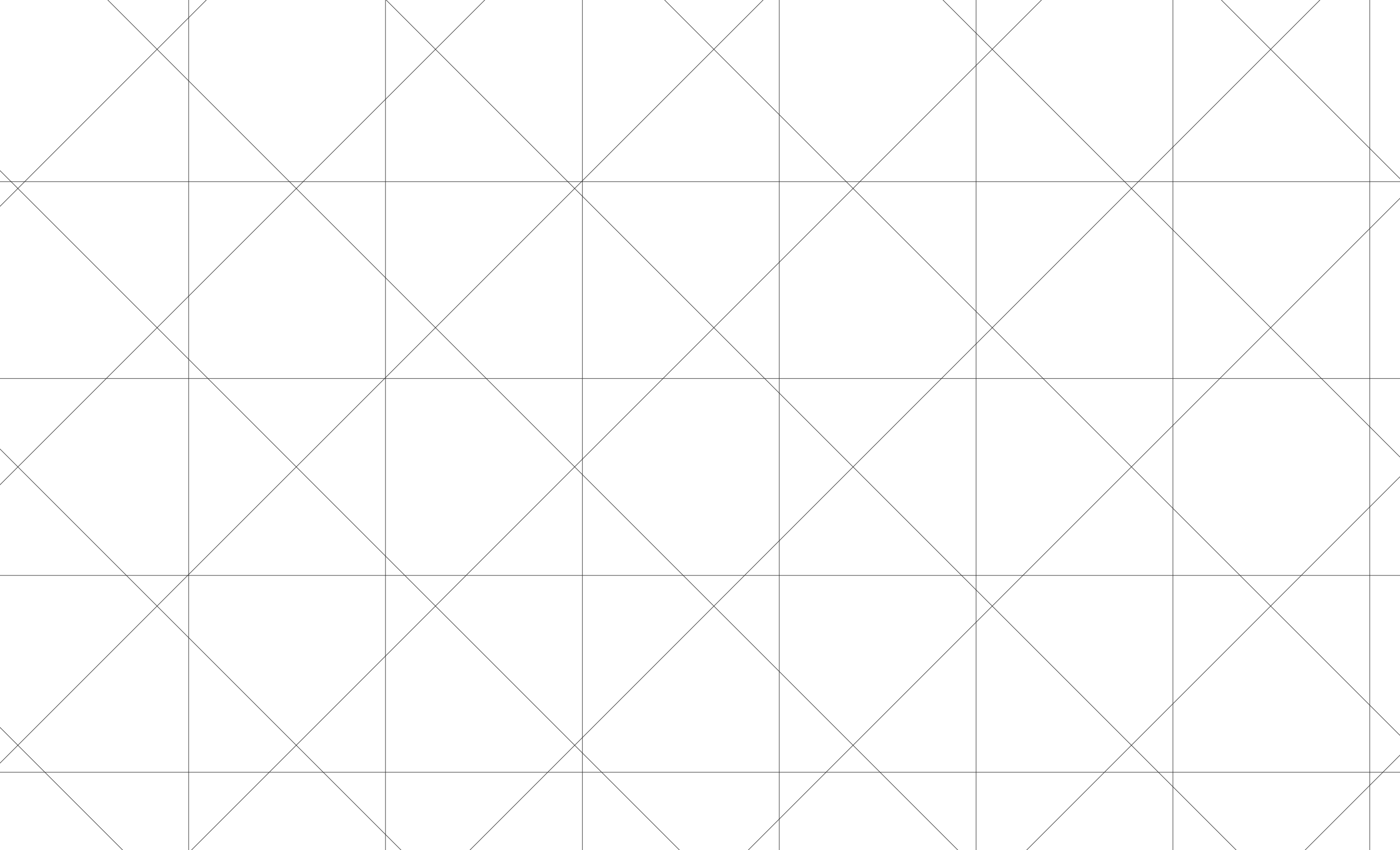


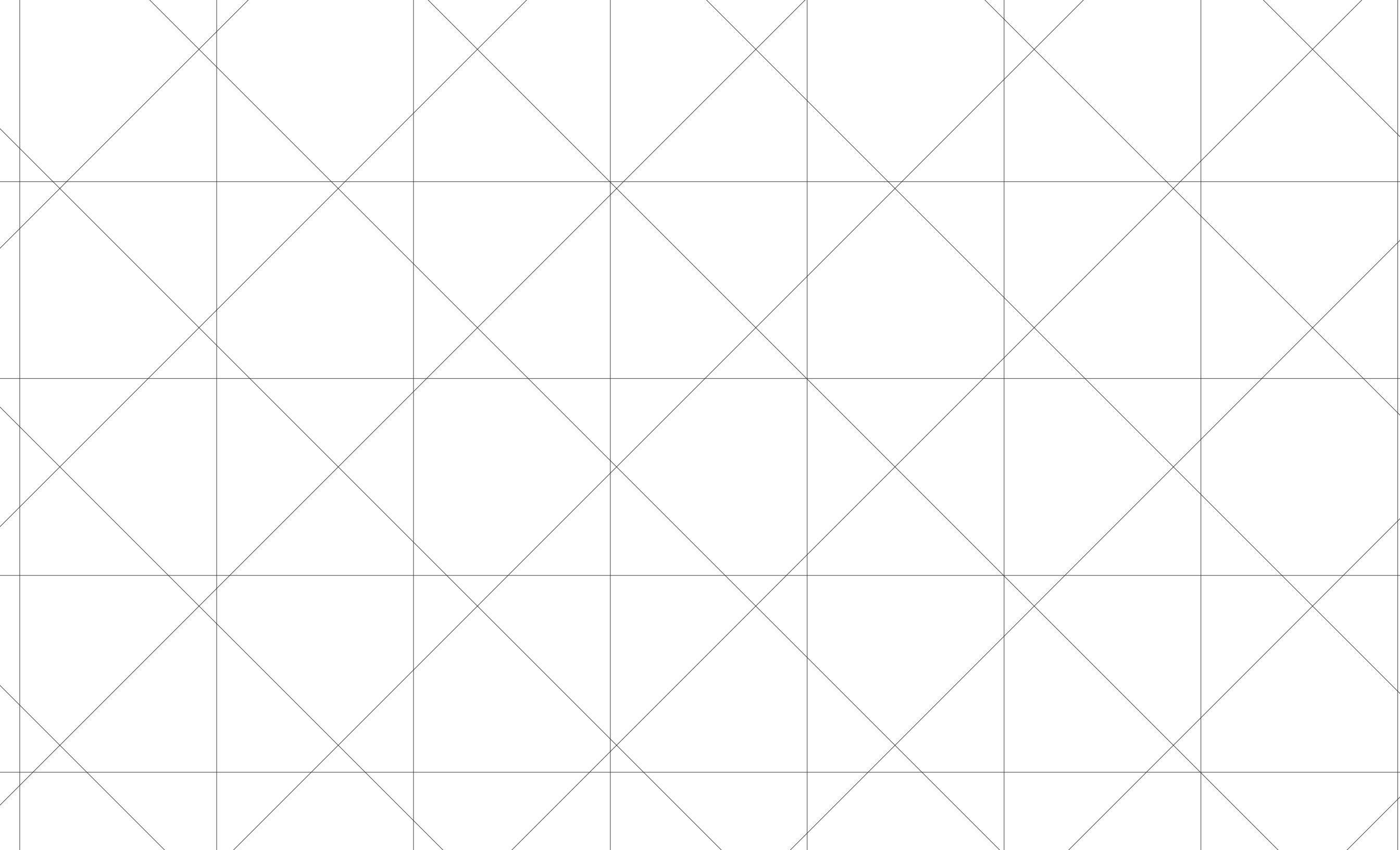


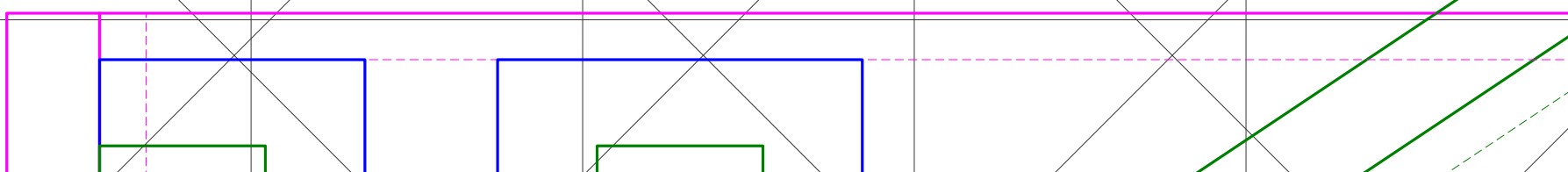
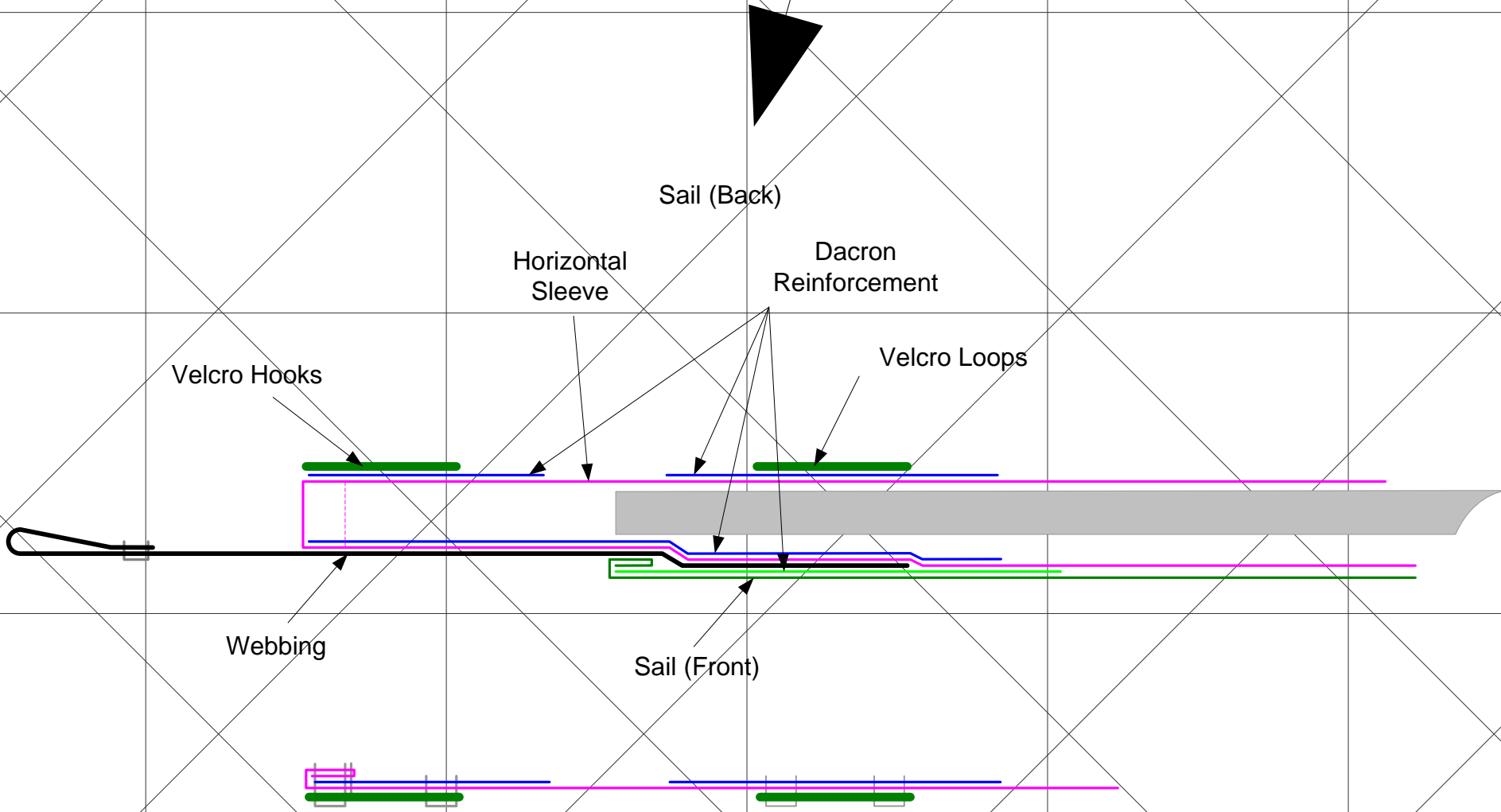
**STEP #3: Double fold
hem the main sail's
leading & trailing edges**

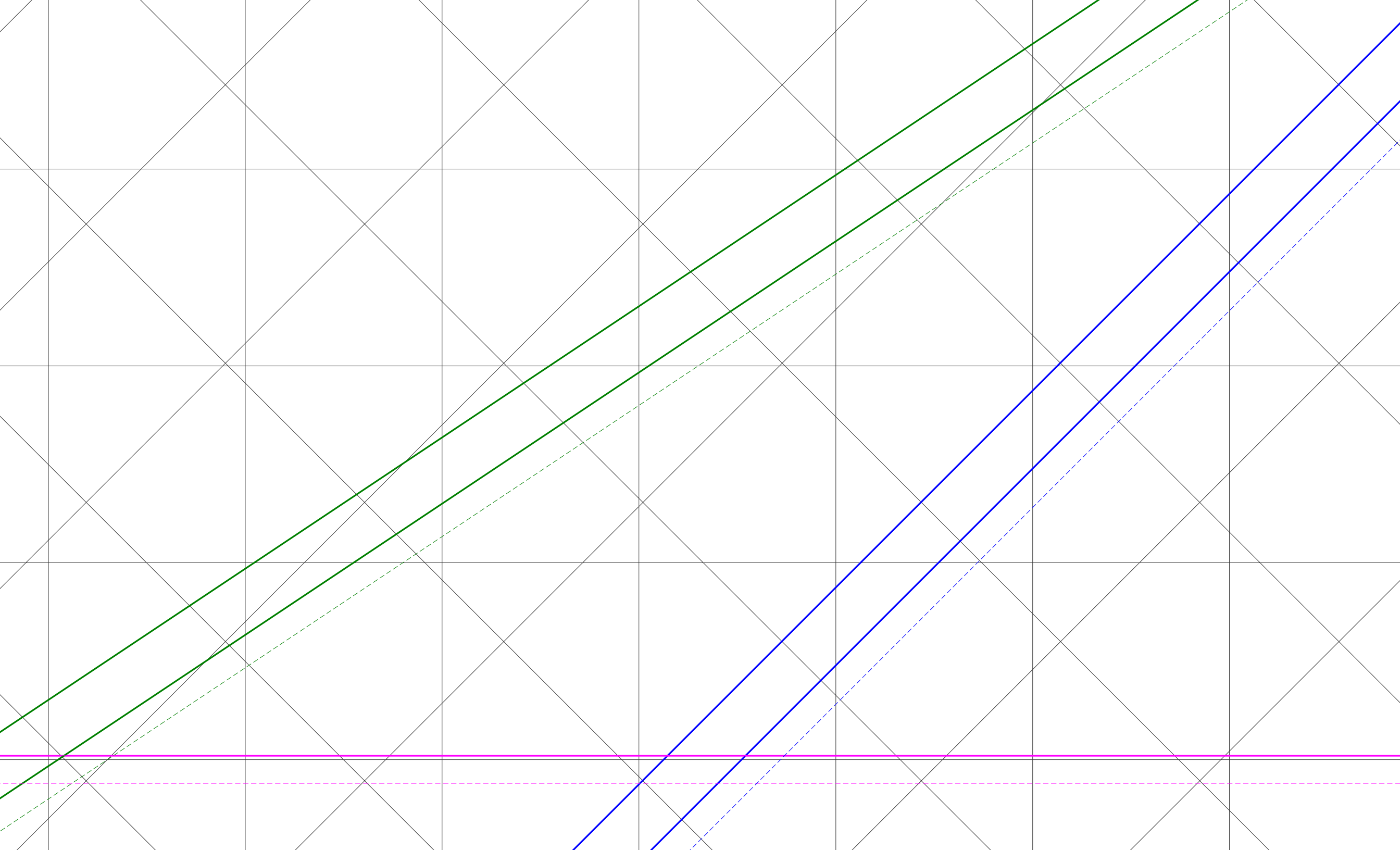


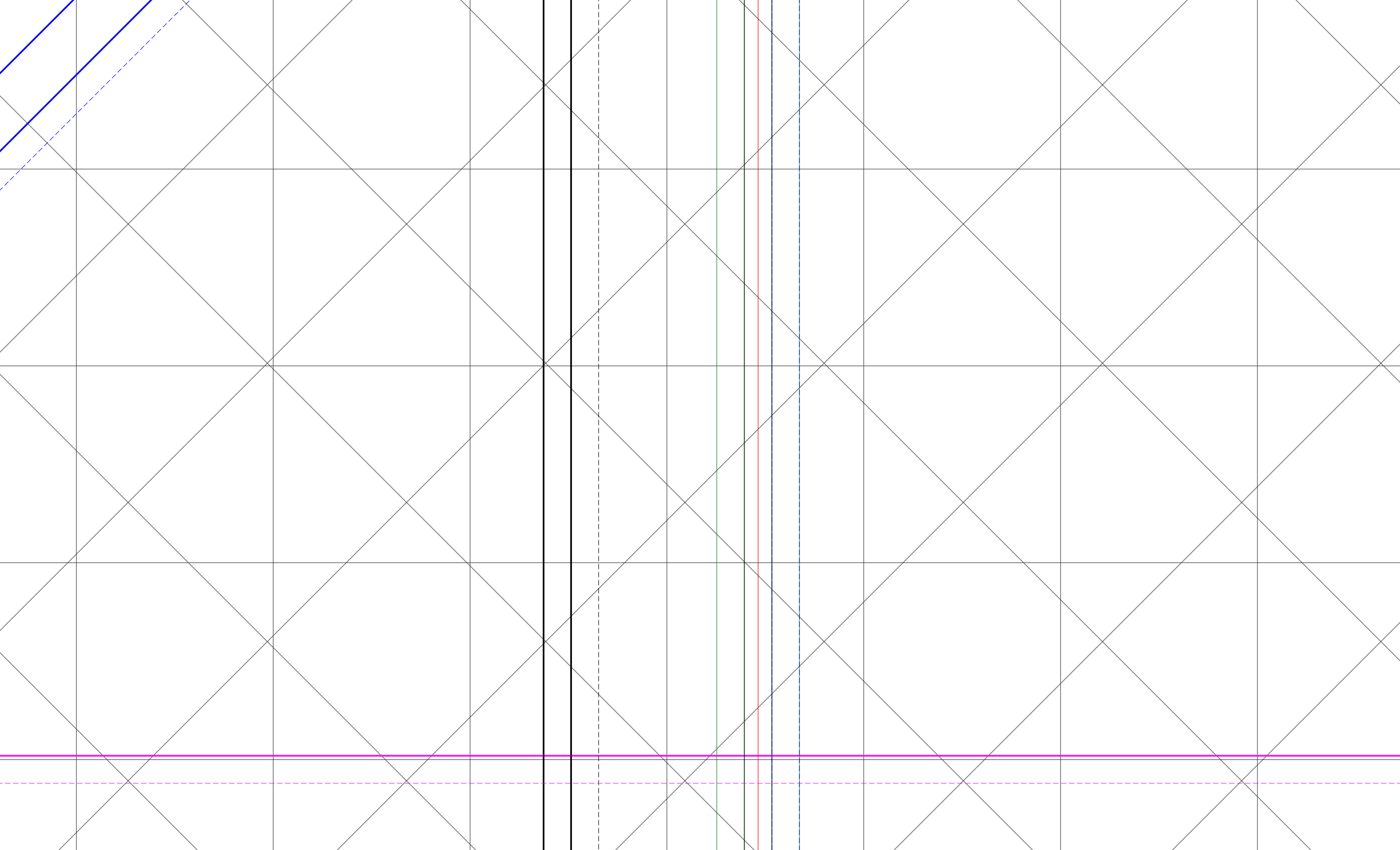


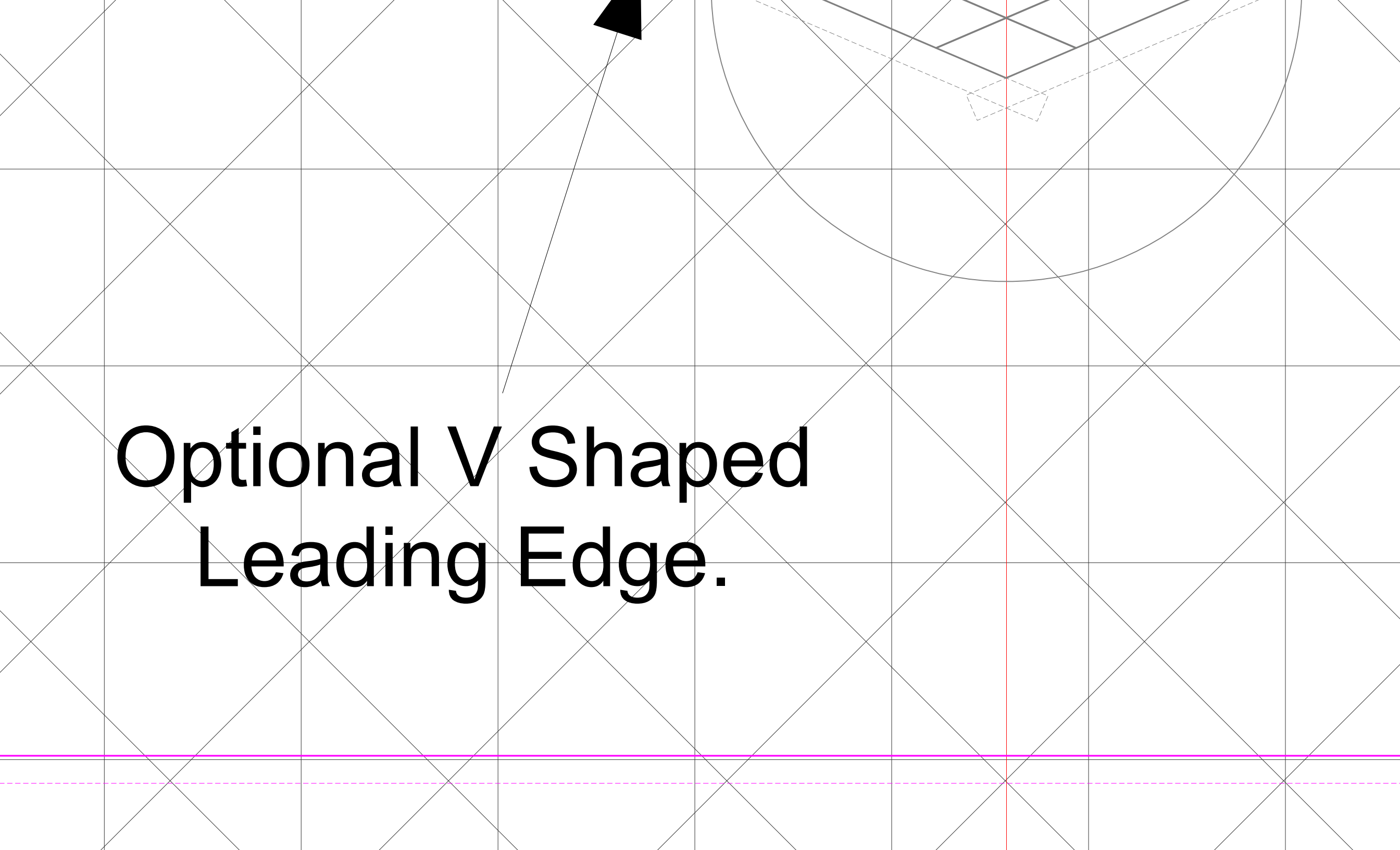






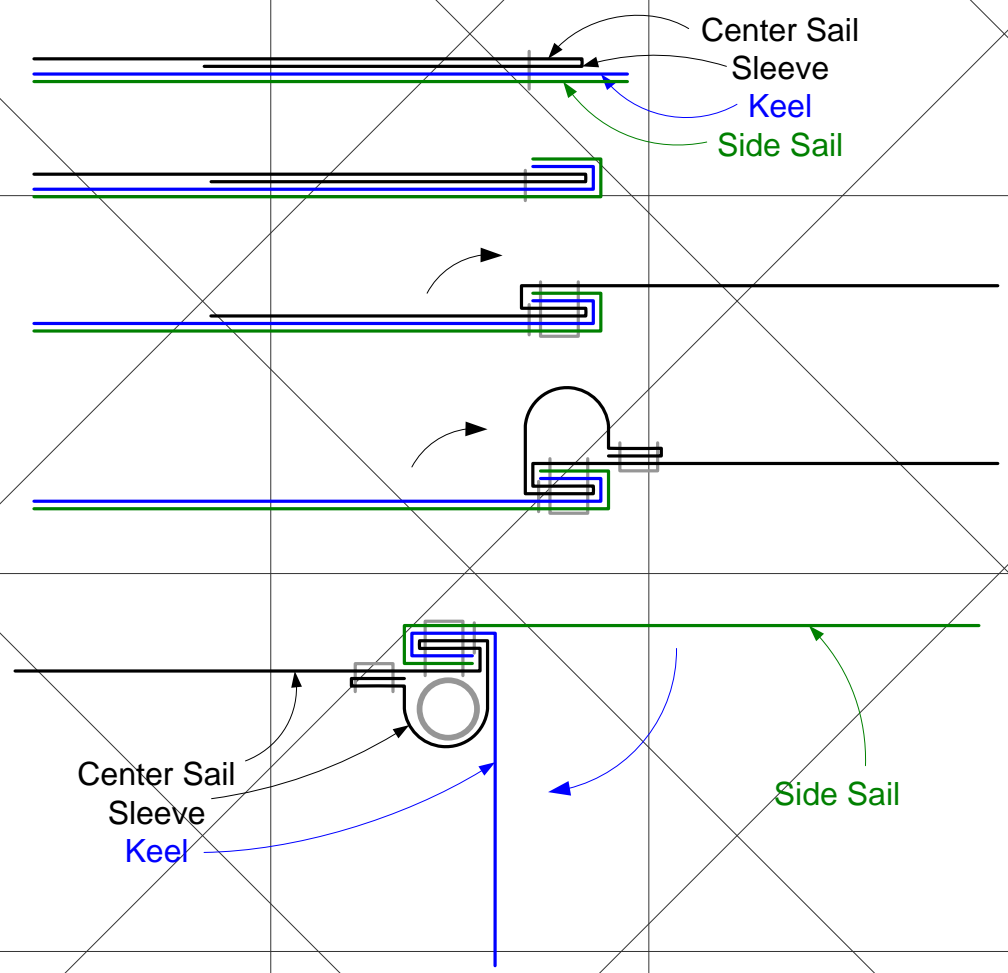






The image features a technical drawing on a grid background. At the top center, a black arrow points downwards towards a V-shaped leading edge. This V-shape is defined by solid black lines. A dashed line shows the V-shape's profile as it would appear from a perspective view. A vertical red line is positioned to the right of the V-shape. At the bottom of the grid, there are two horizontal lines: a solid magenta line and a dashed magenta line below it.

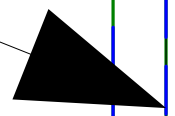
**Optional V Shaped
Leading Edge.**

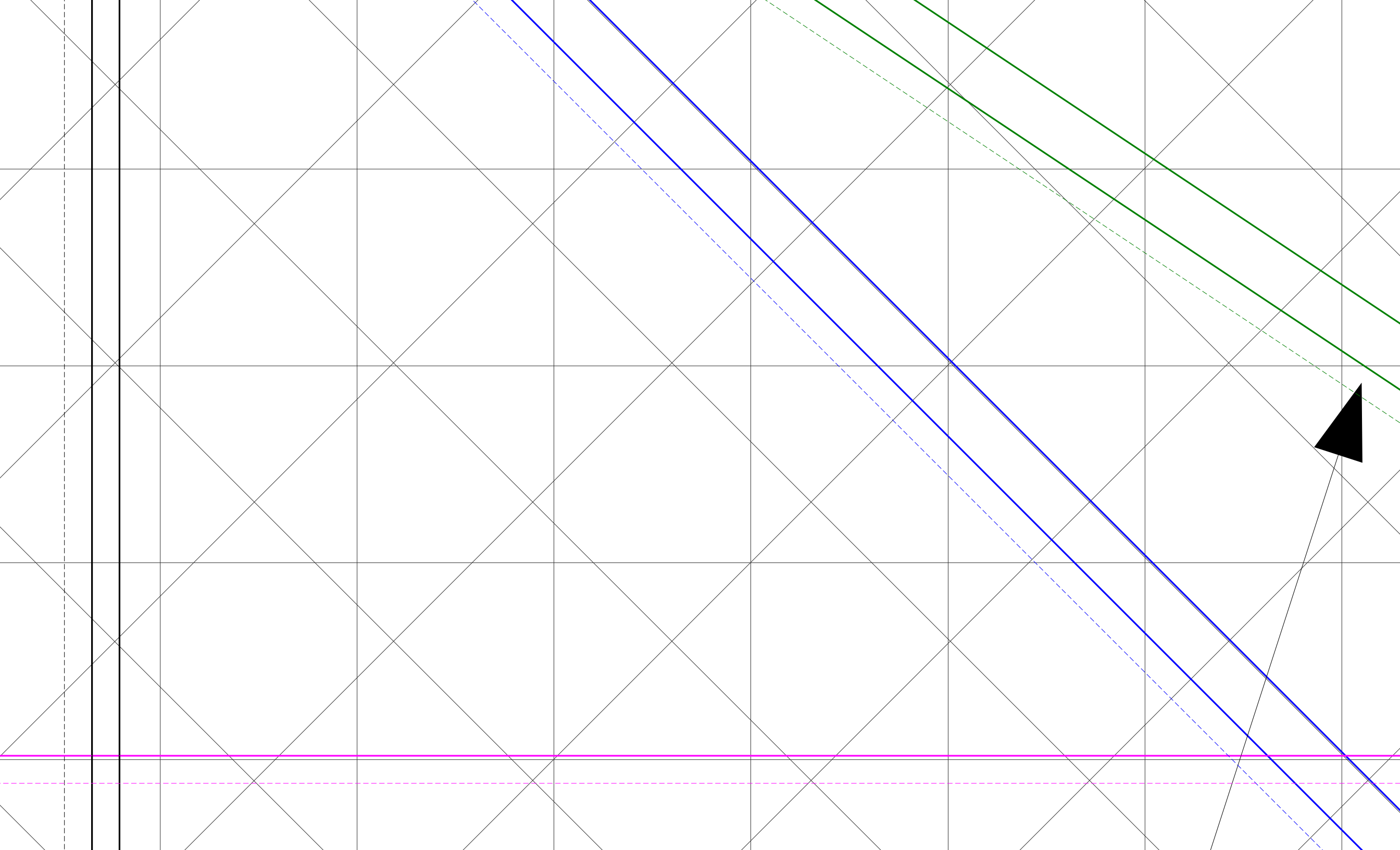


Center Sail Sleeve
Keel
Side Sail

Center Sail Sleeve
Keel

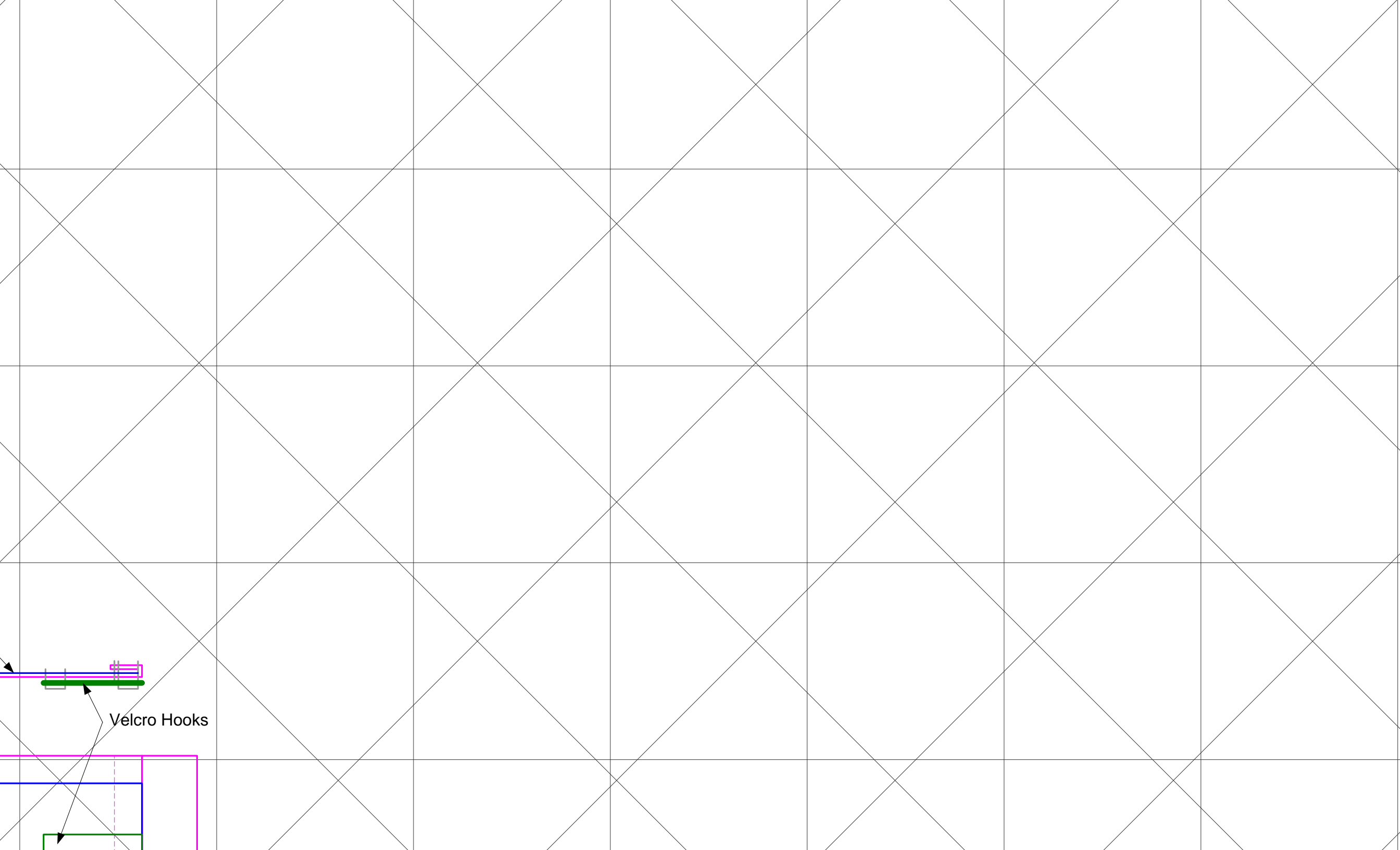
Side Sail



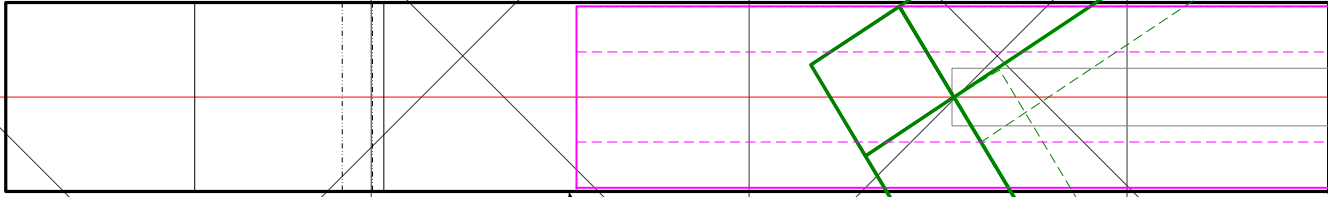


STEP #1: Place reinforcement on both keels and both side sails

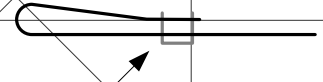


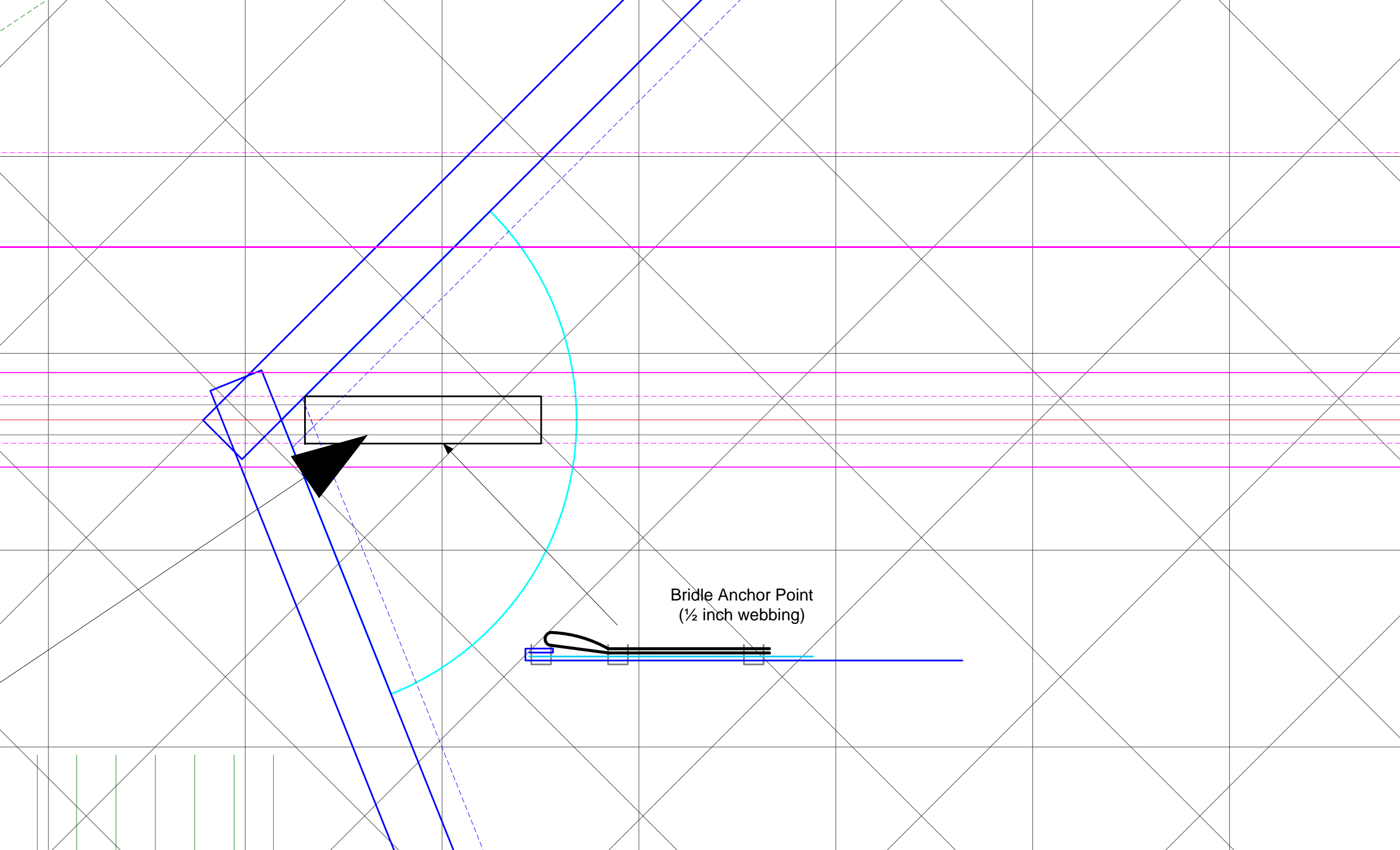


Velcro Hooks

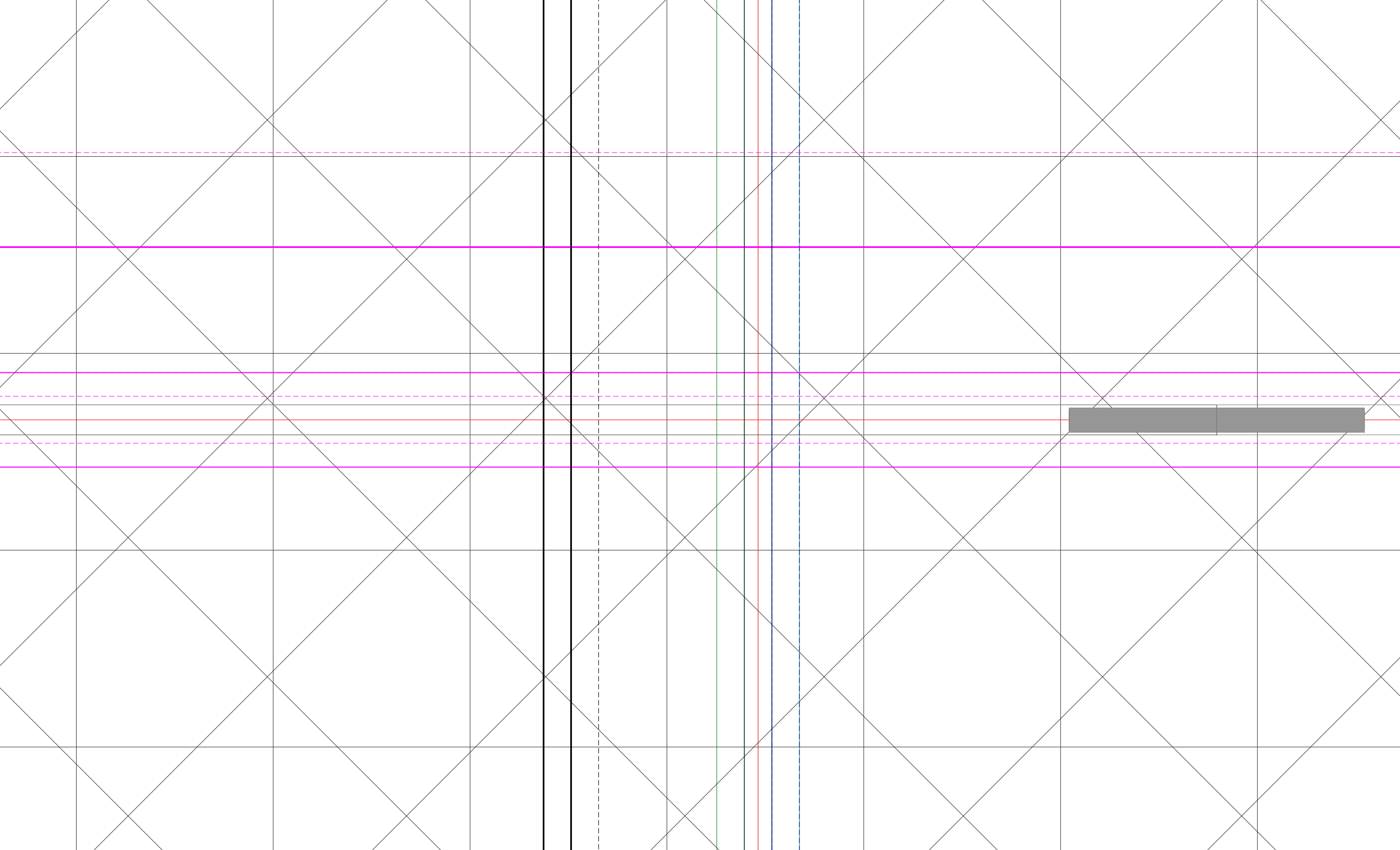


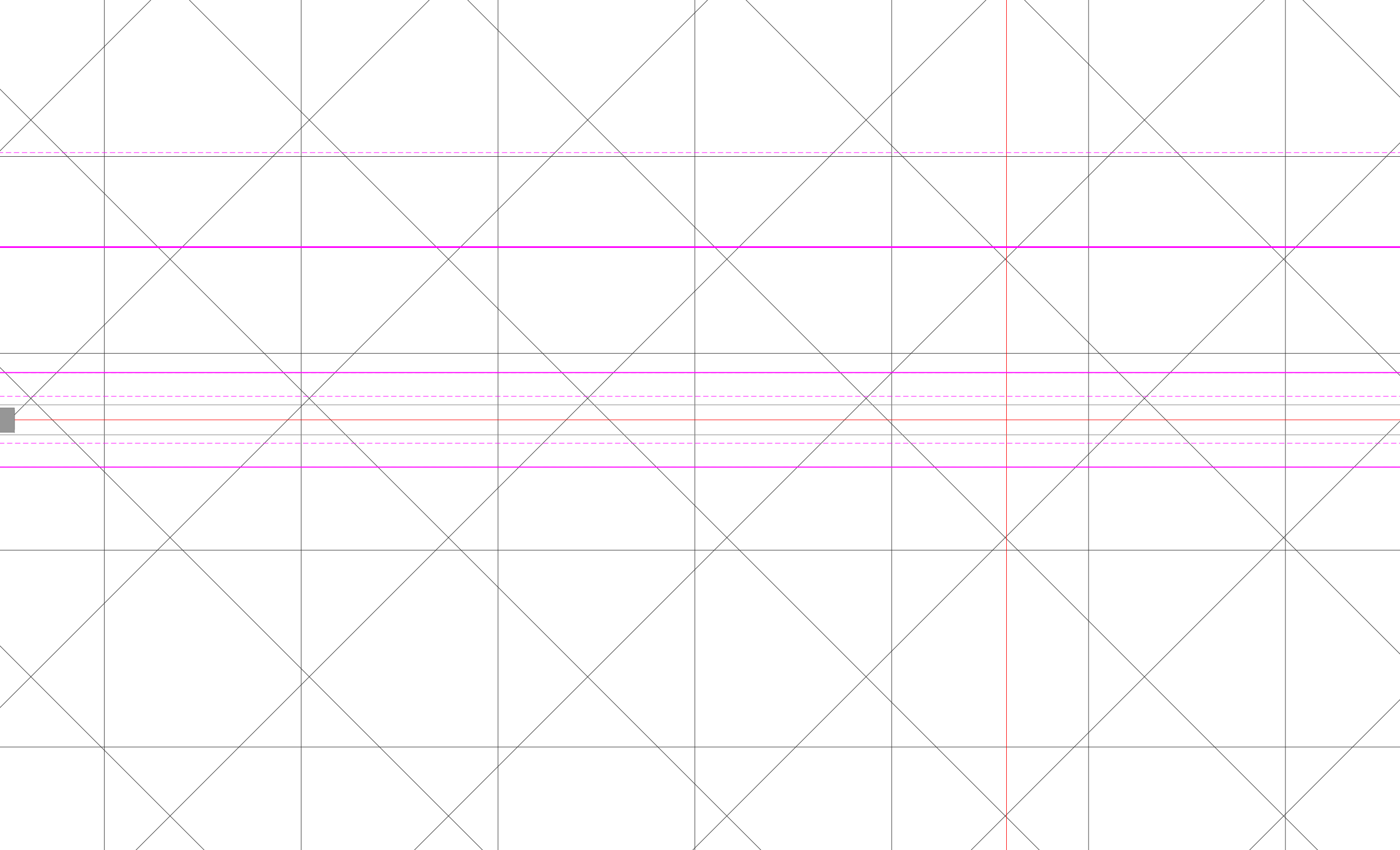
Triple Zigzag Stitch 5mm
(Couture Triple zigzag 5mm)

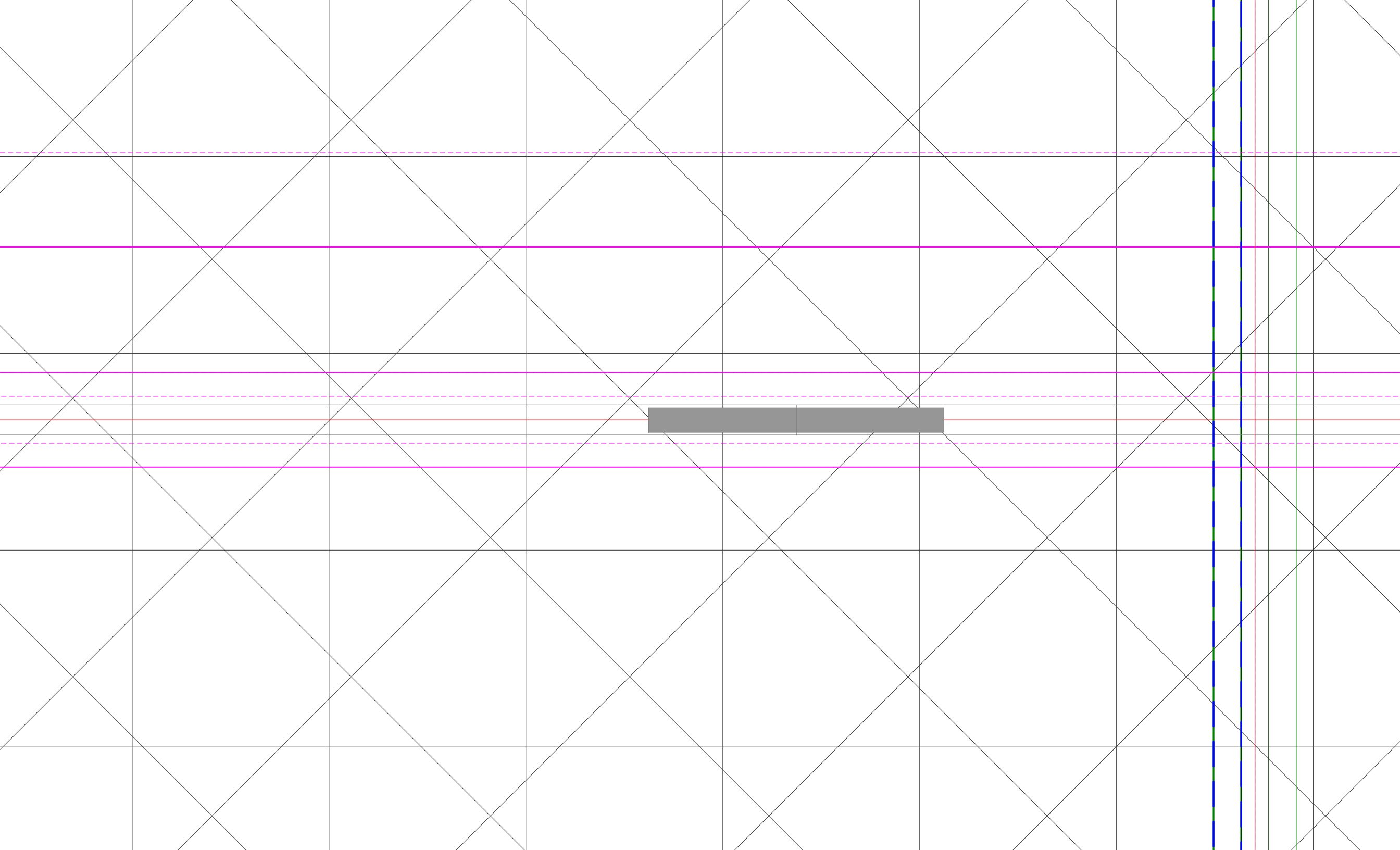


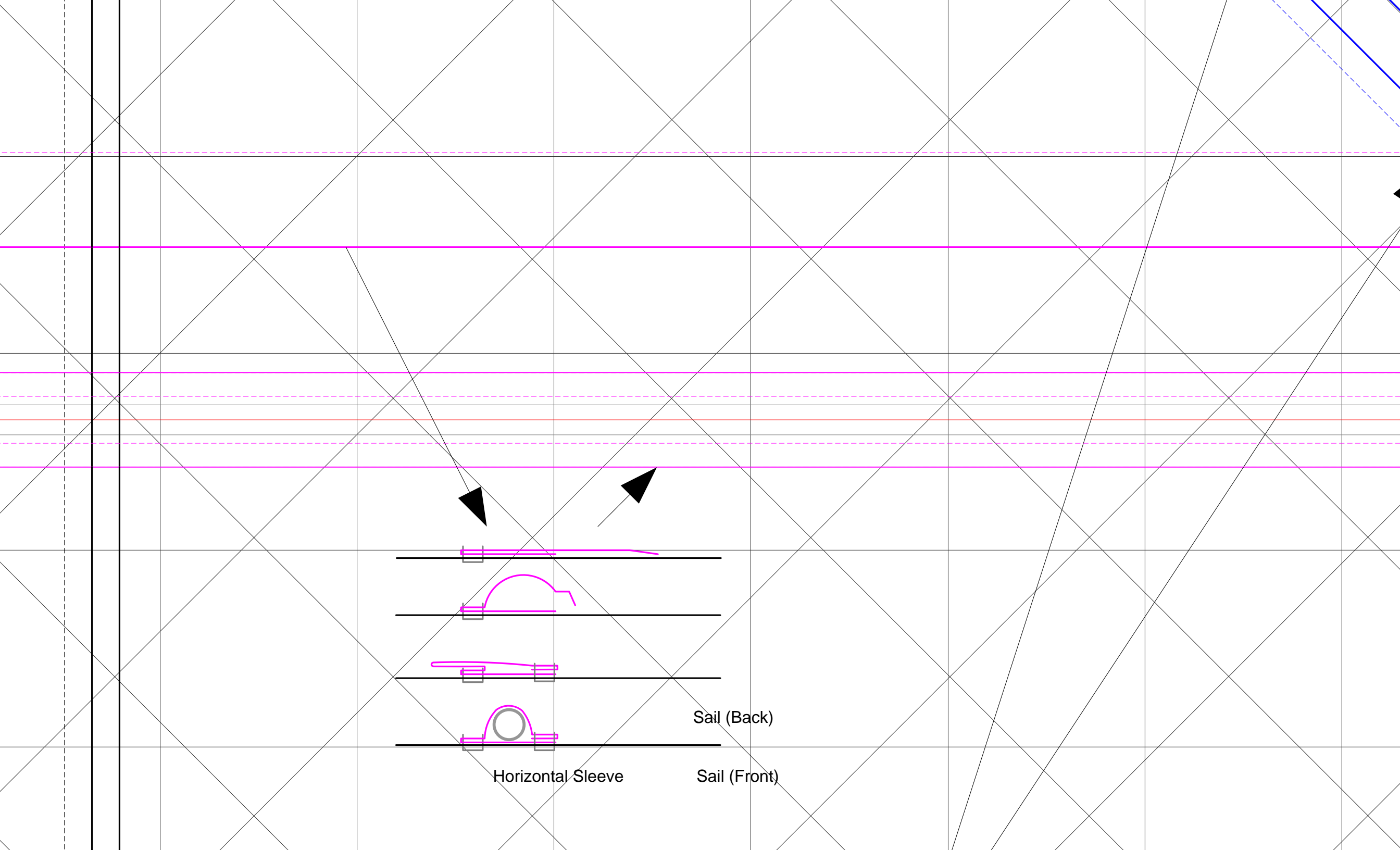


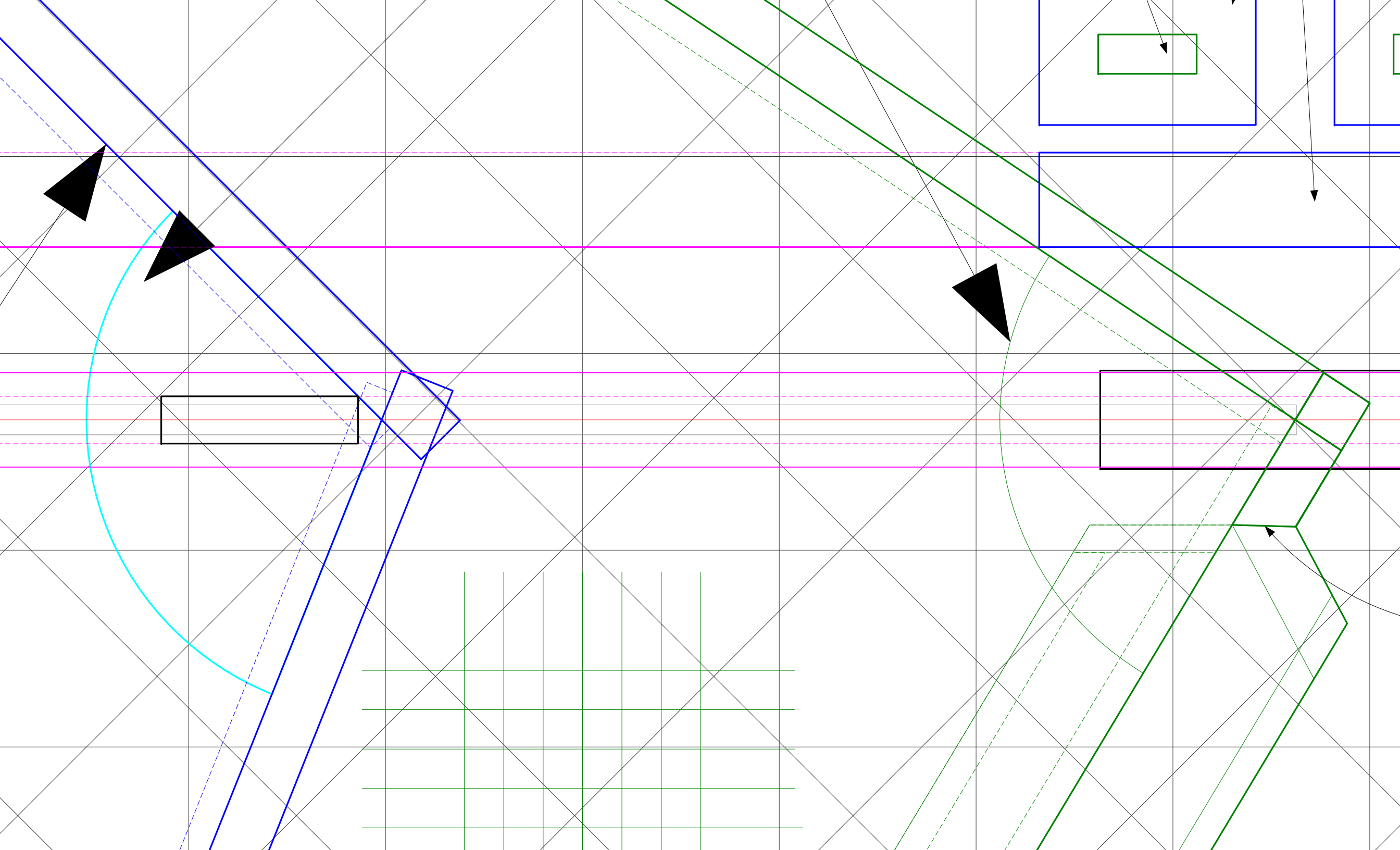
Bridle Anchor Point
(1/2 inch webbing)

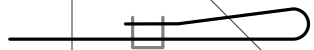
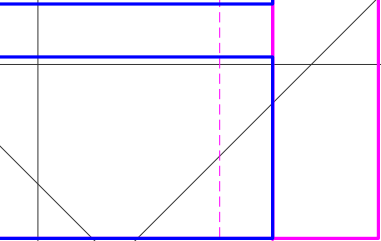
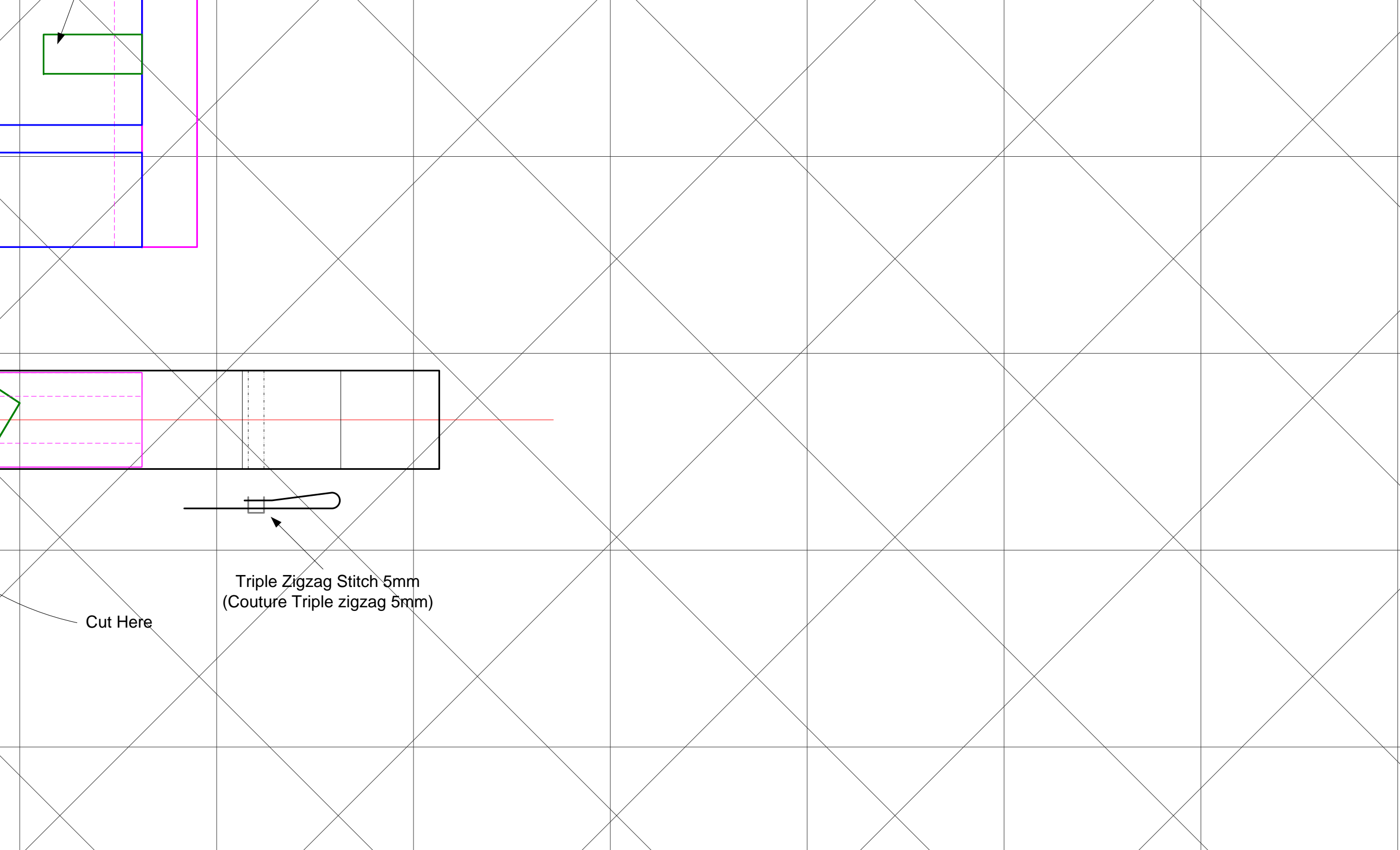






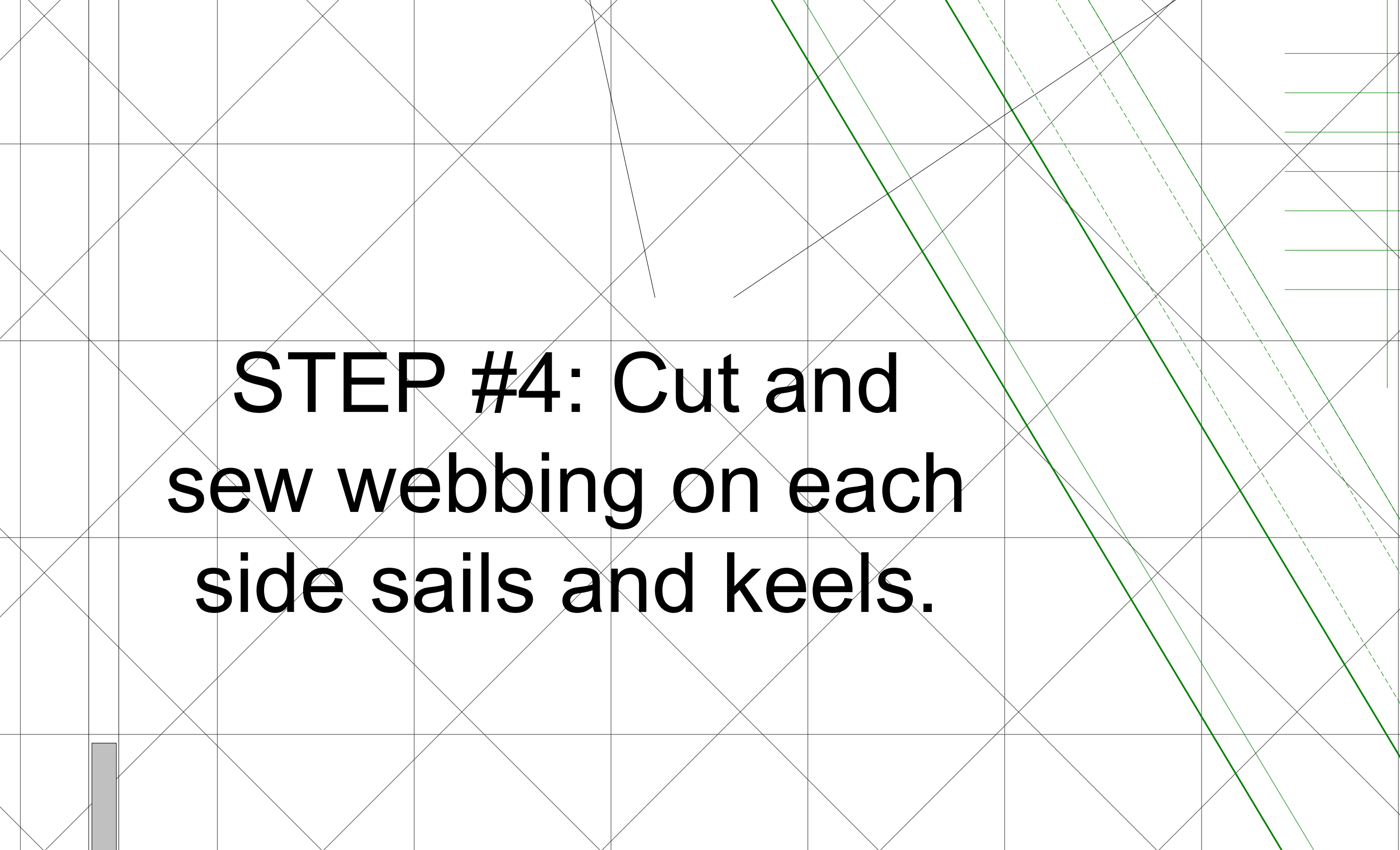




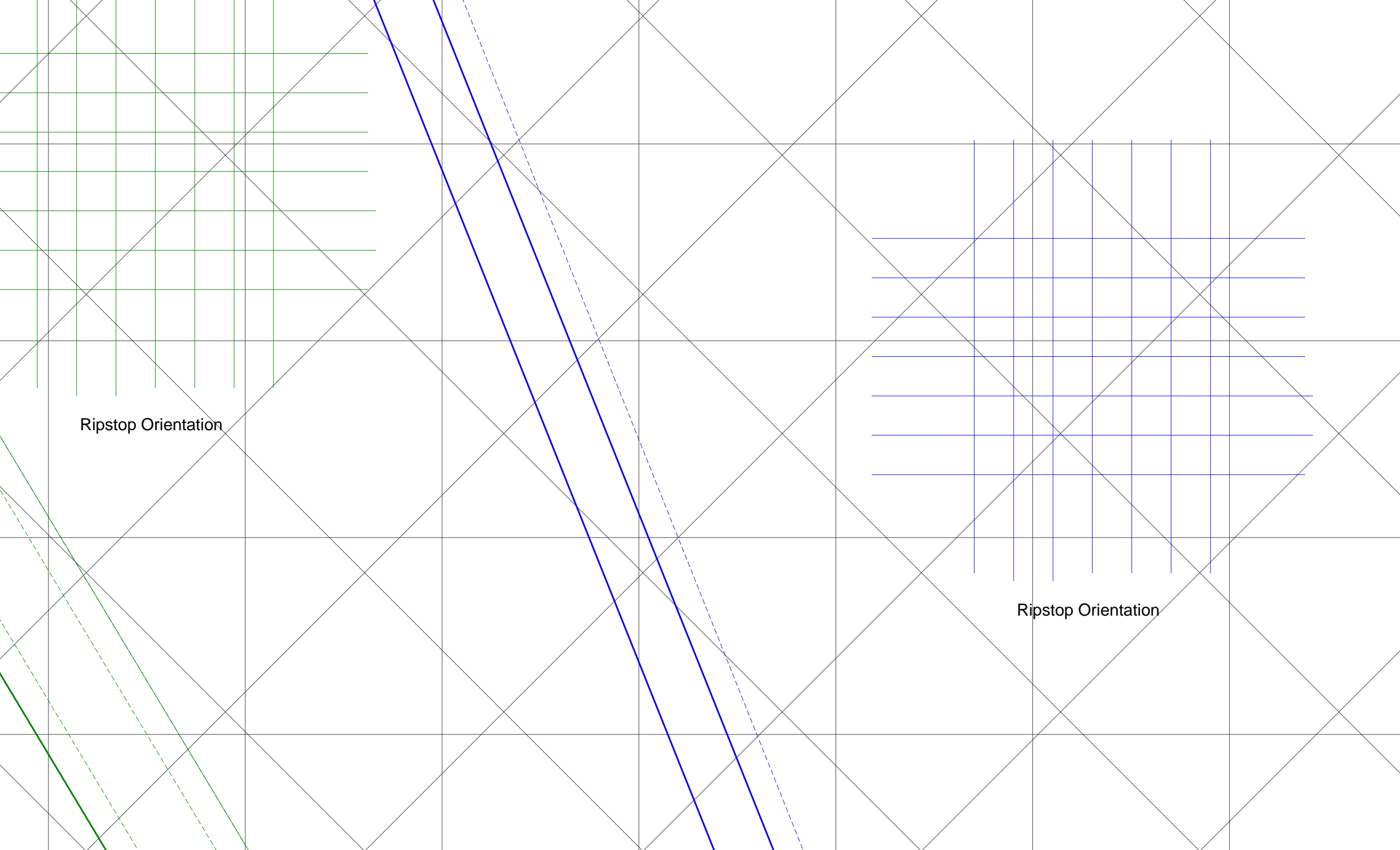


**Triple Zigzag Stitch 5mm
(Couture Triple zigzag 5mm)**

Cut Here

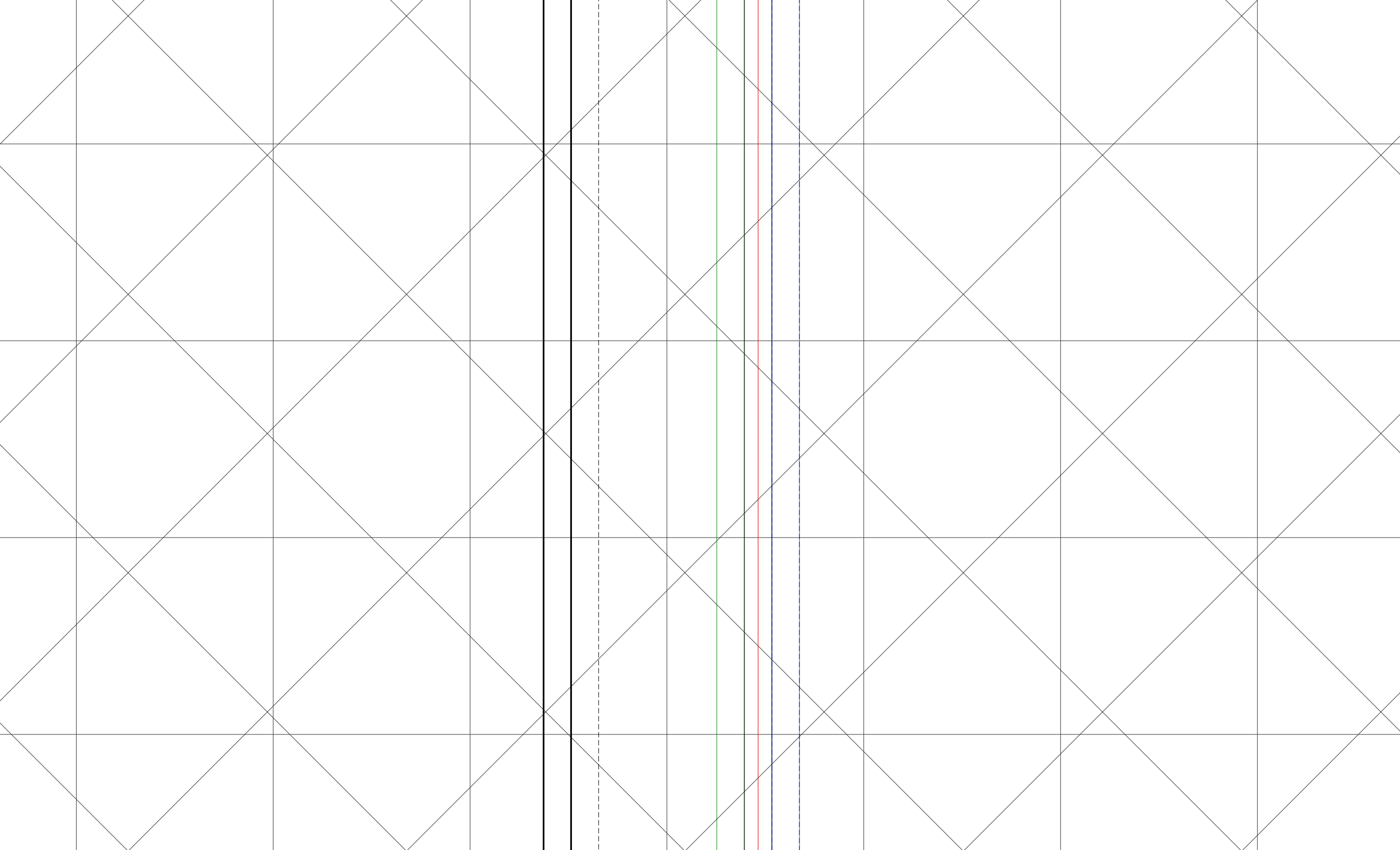


**STEP #4: Cut and
sew webbing on each
side sails and keels.**

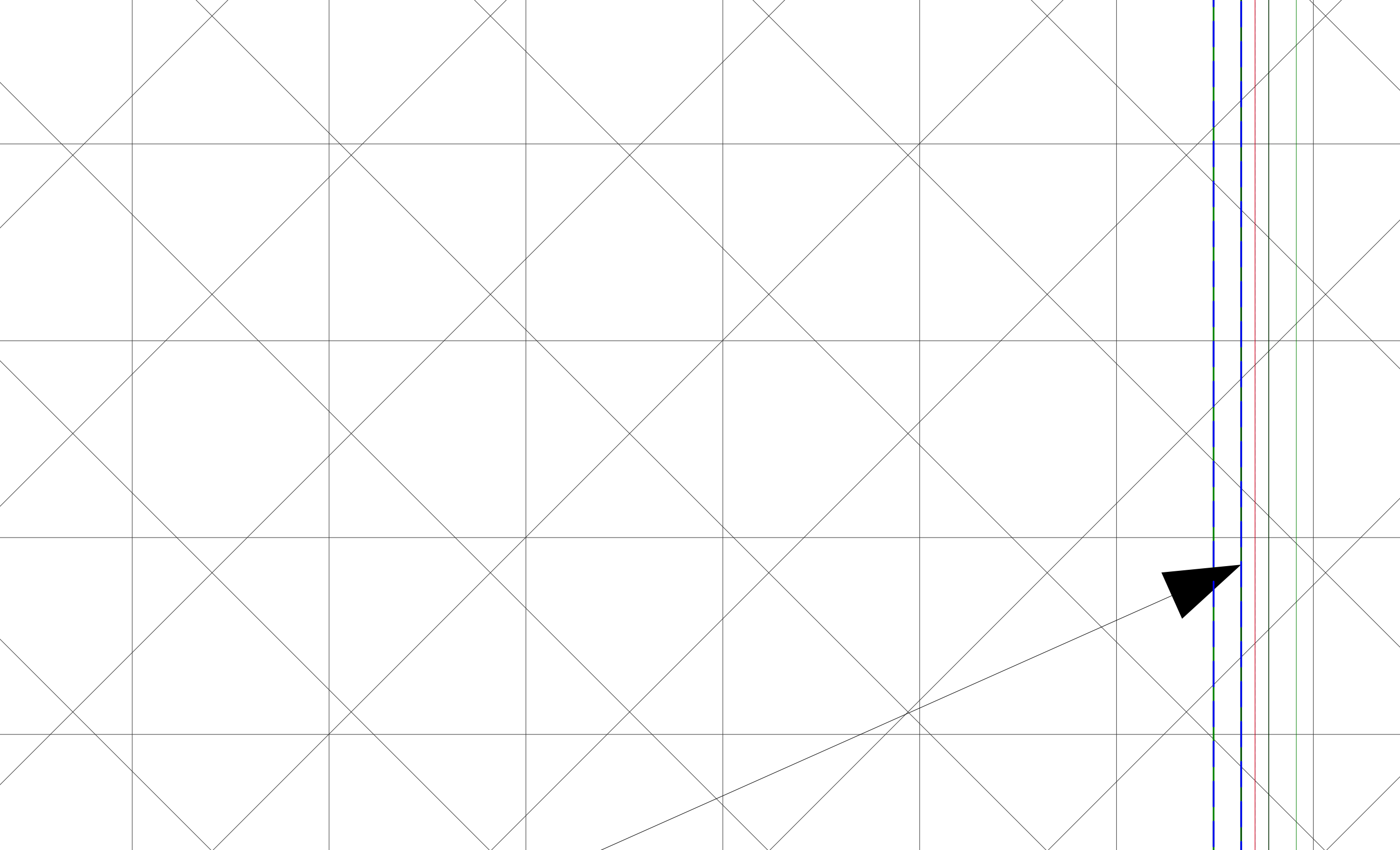


Ripstop Orientation

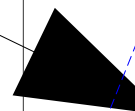
Ripstop Orientation

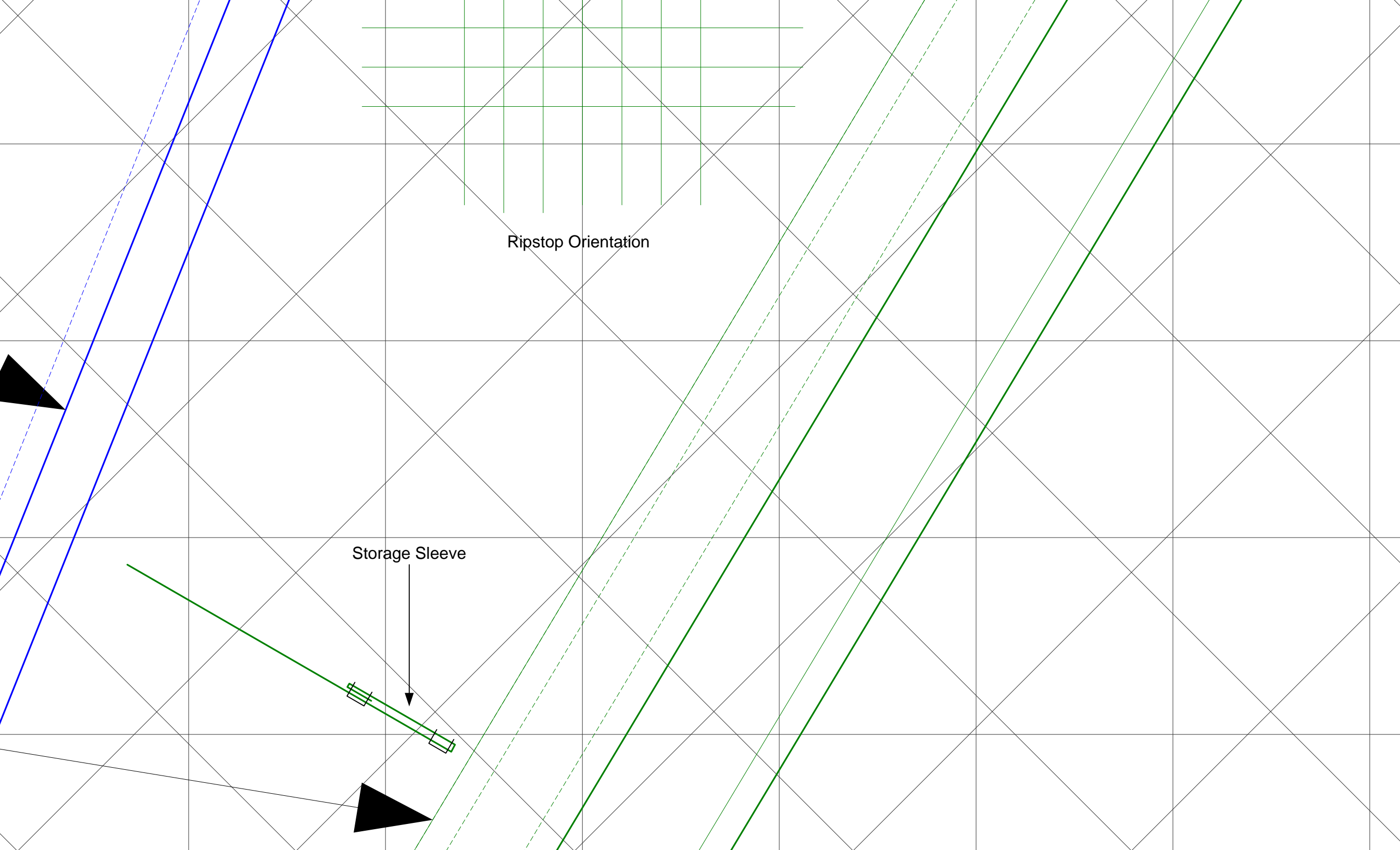


STEP #9: Sew the horizontal sleeve and the vertical sleeves. Proper sequence is important to properly do the crossing points.



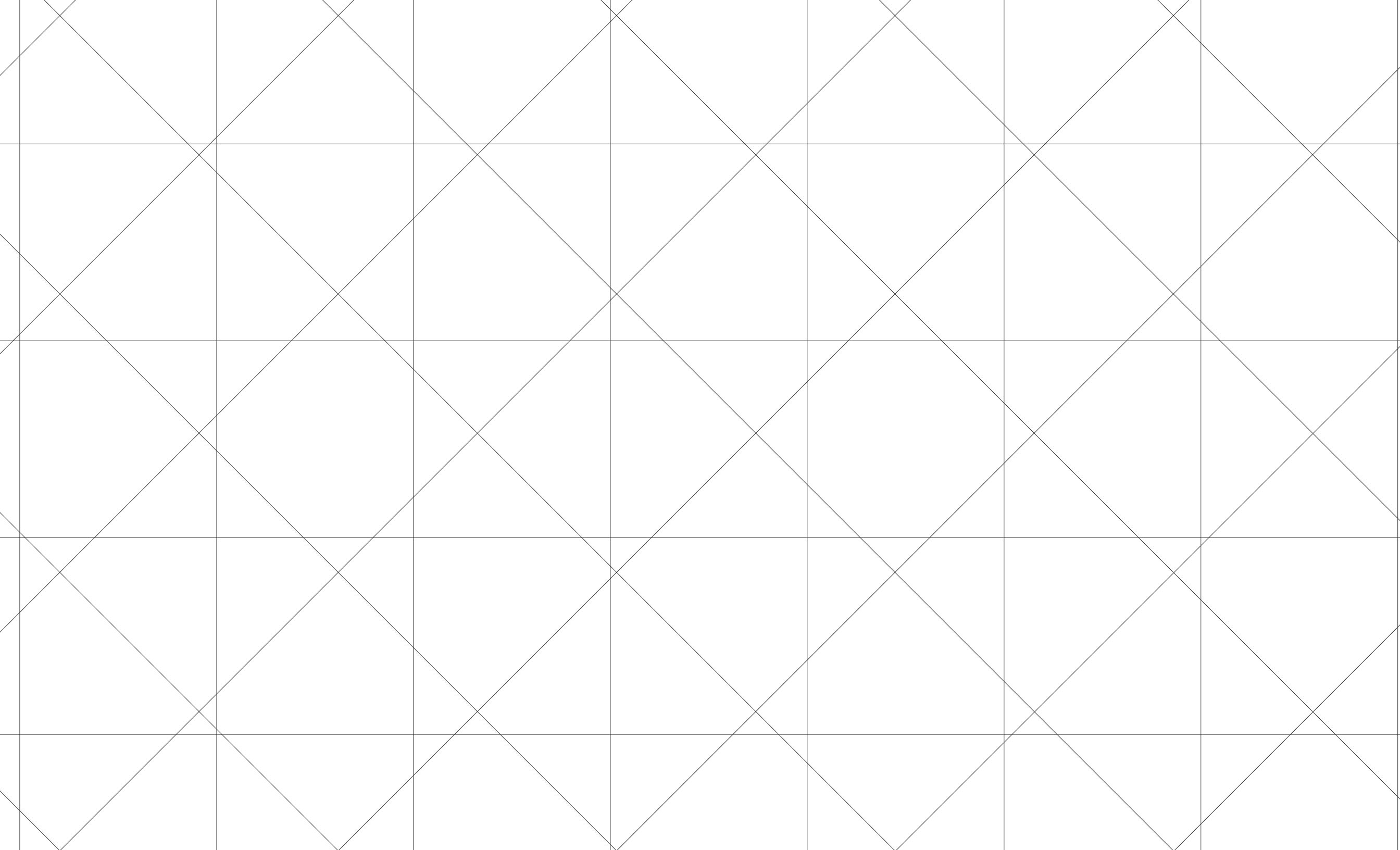
**STEP #2: Double
fold hem each keel
and side sail
and sew the
storage sleeve.**

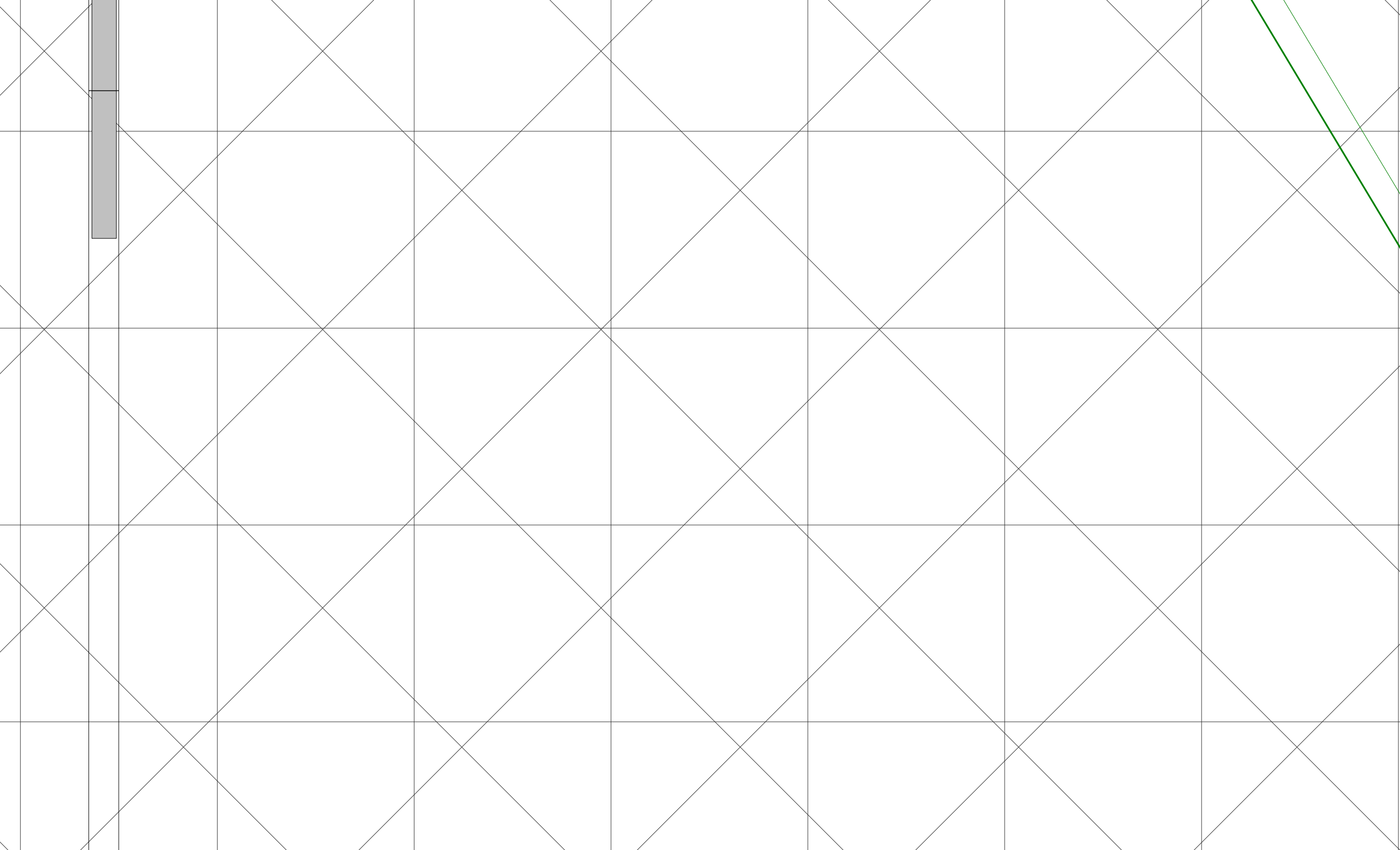


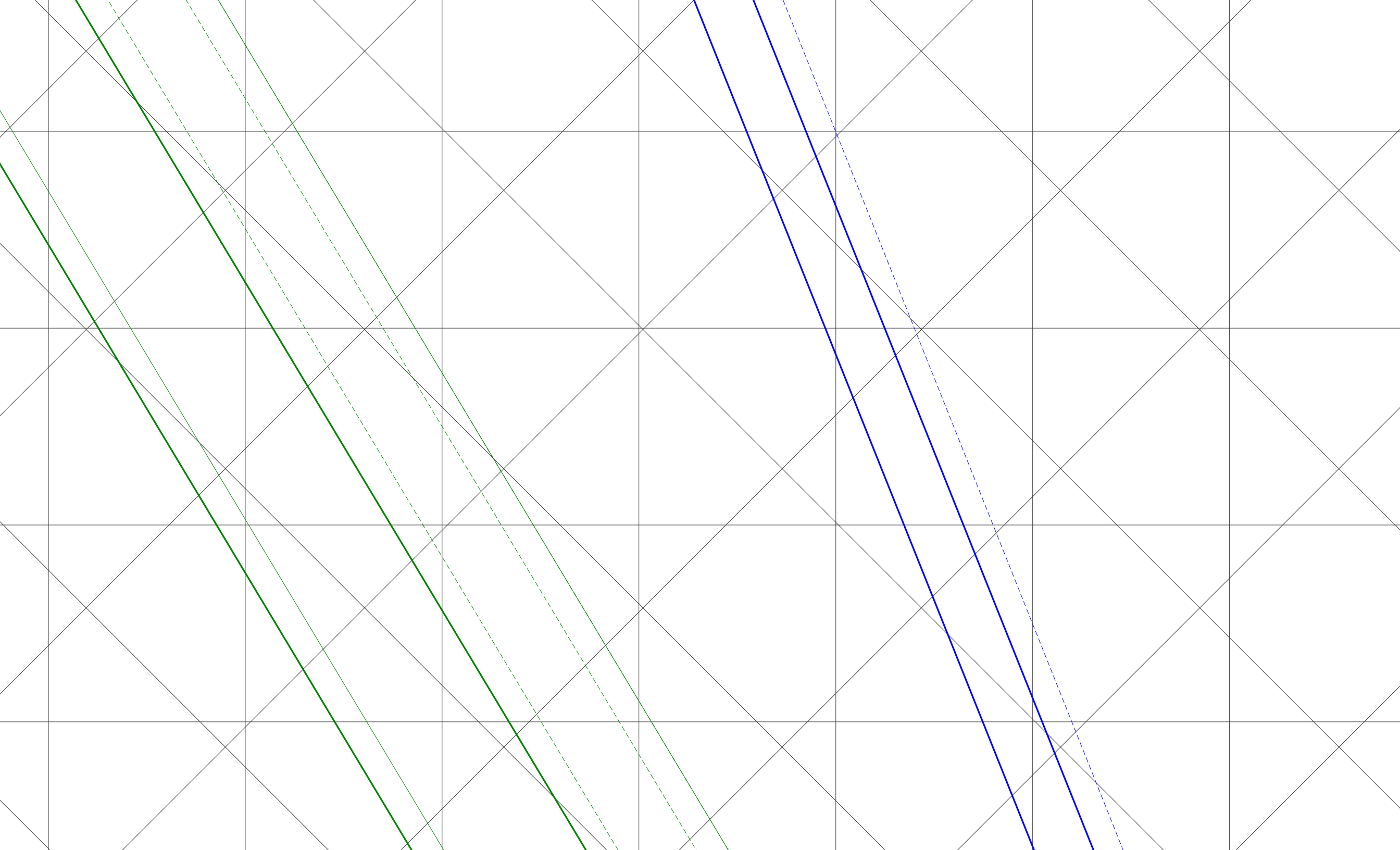


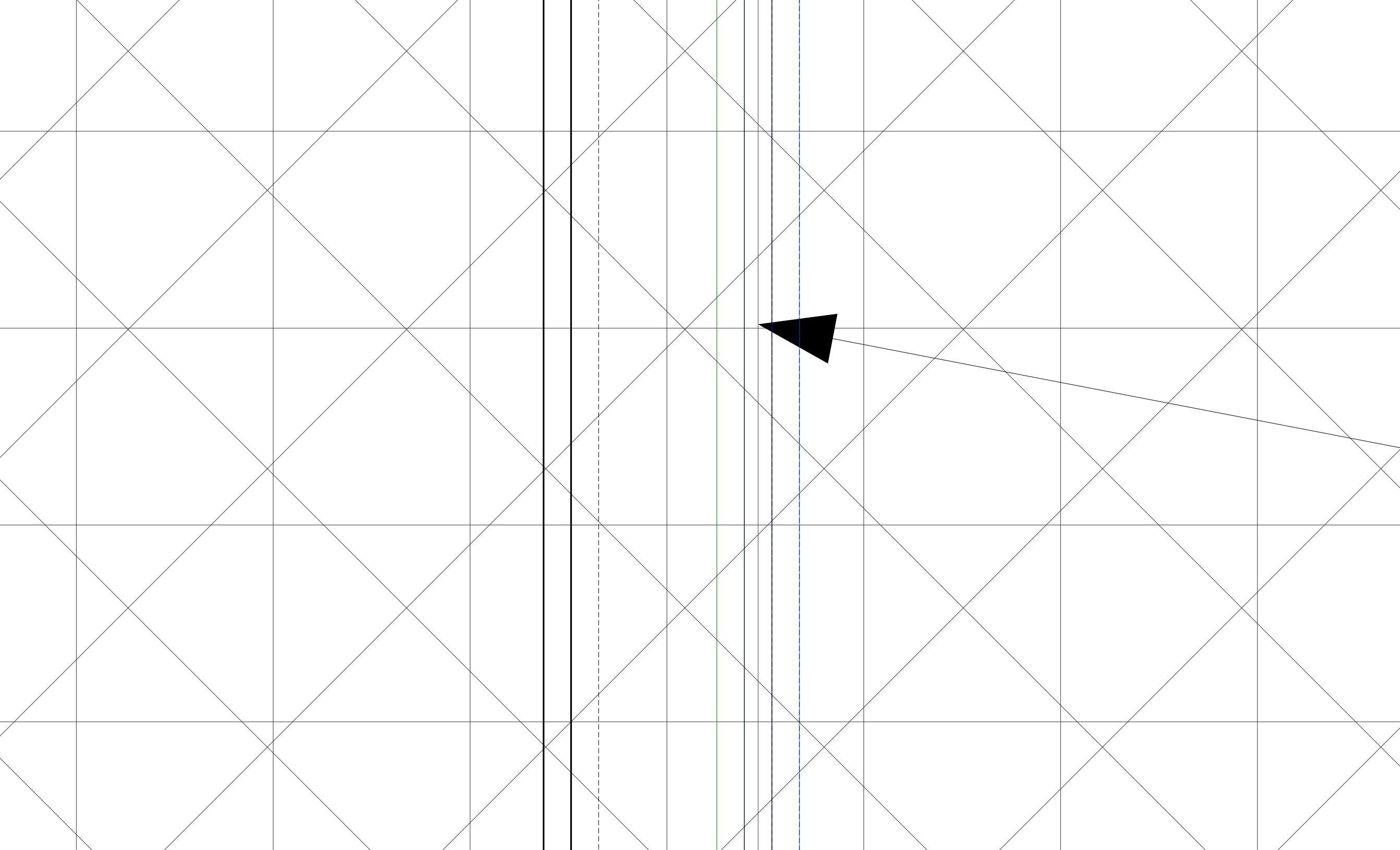
Ripstop Orientation

Storage Sleeve

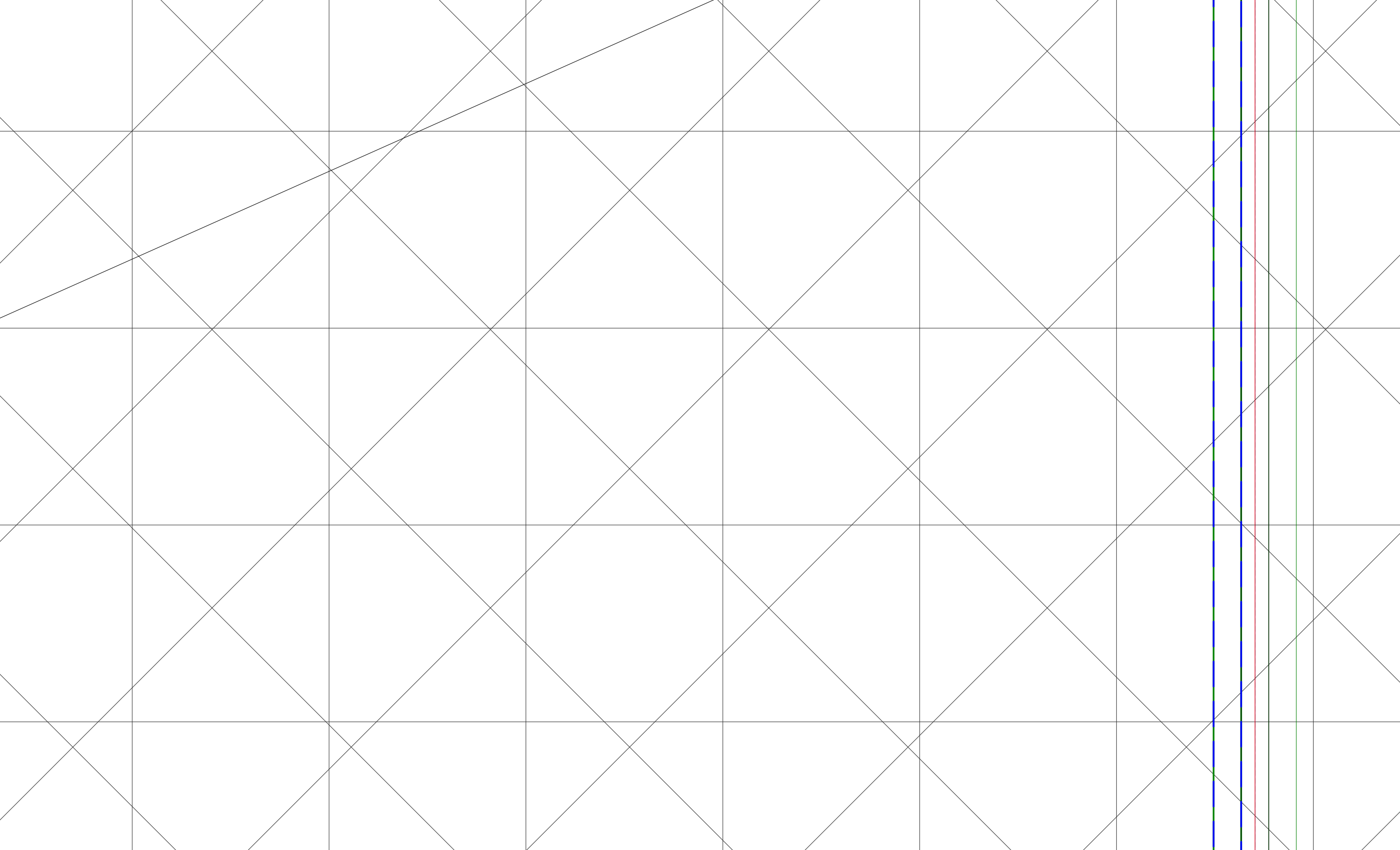


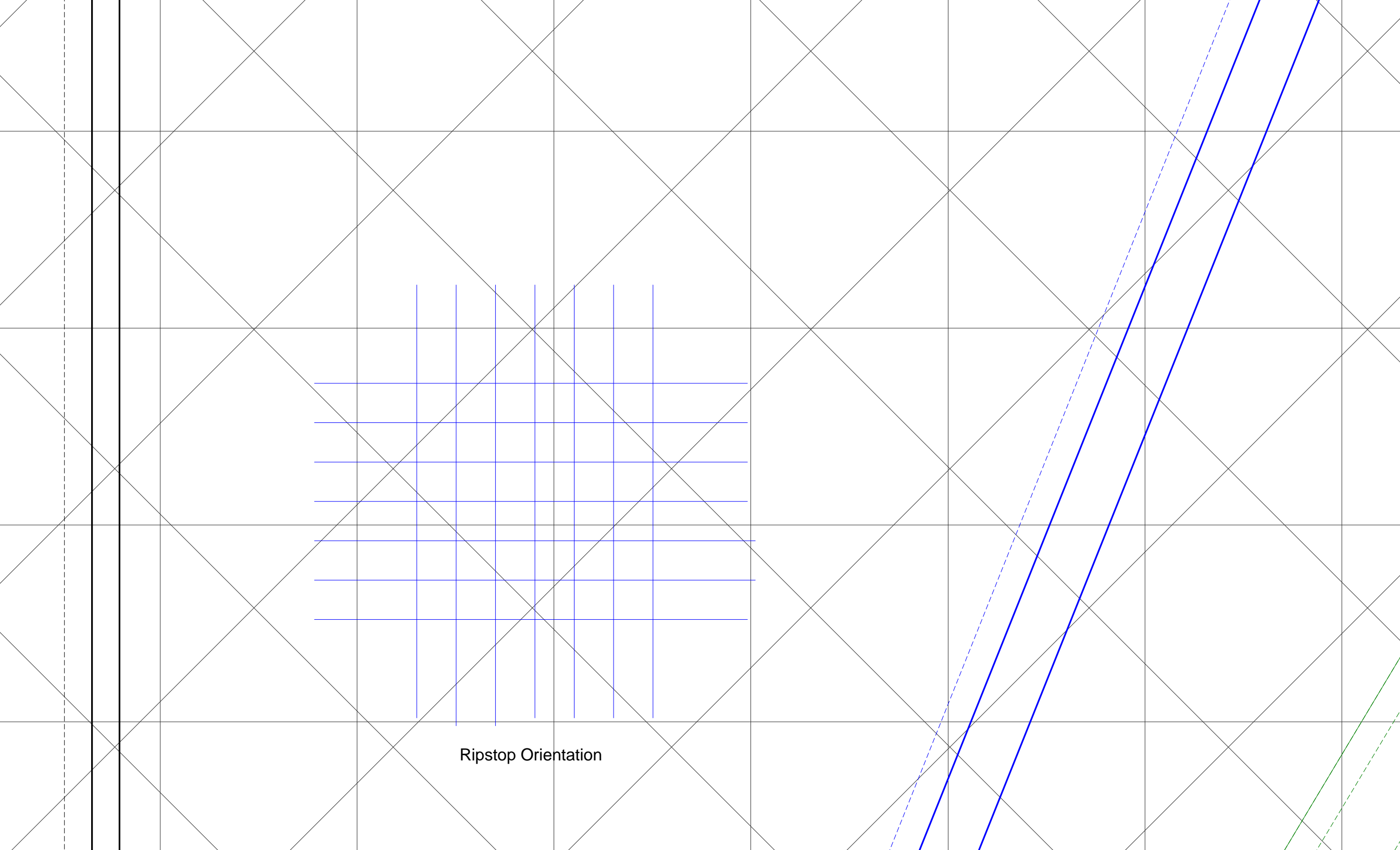




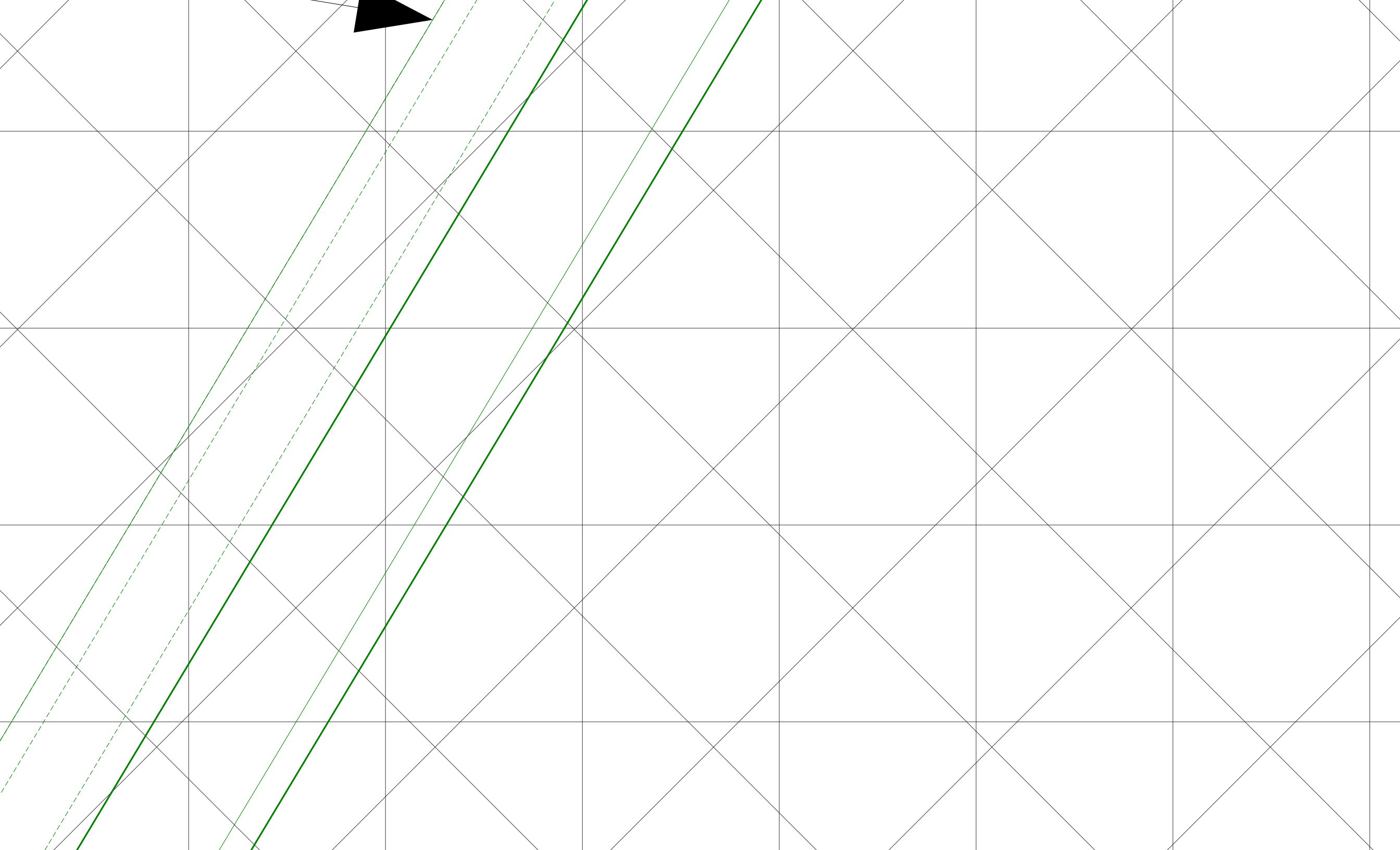


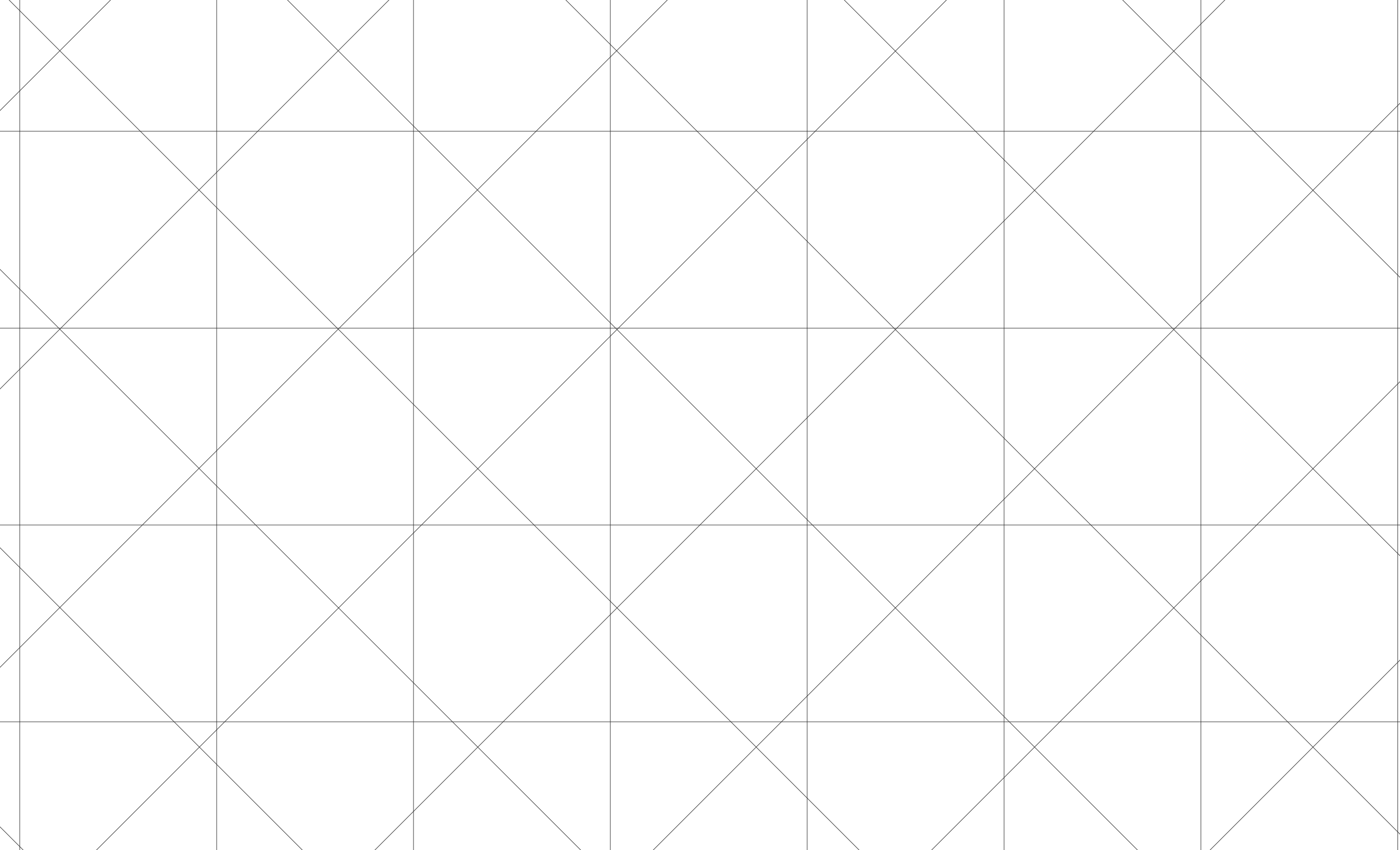
**STEP #5: Sew all the sail
and keels pieces together.
DO NOT CLOSE the
vertical sleeve yet
(See STEP #9)**

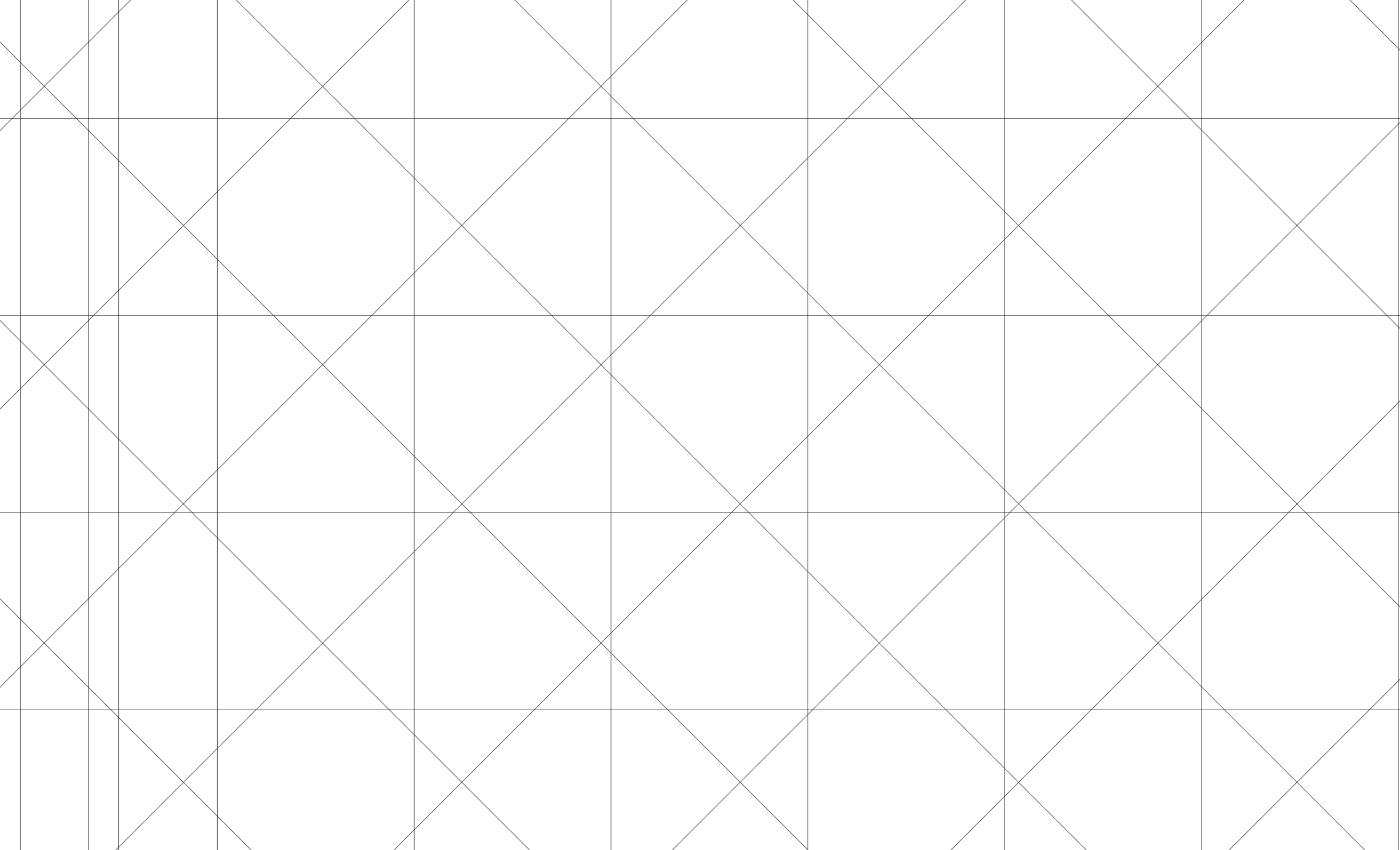


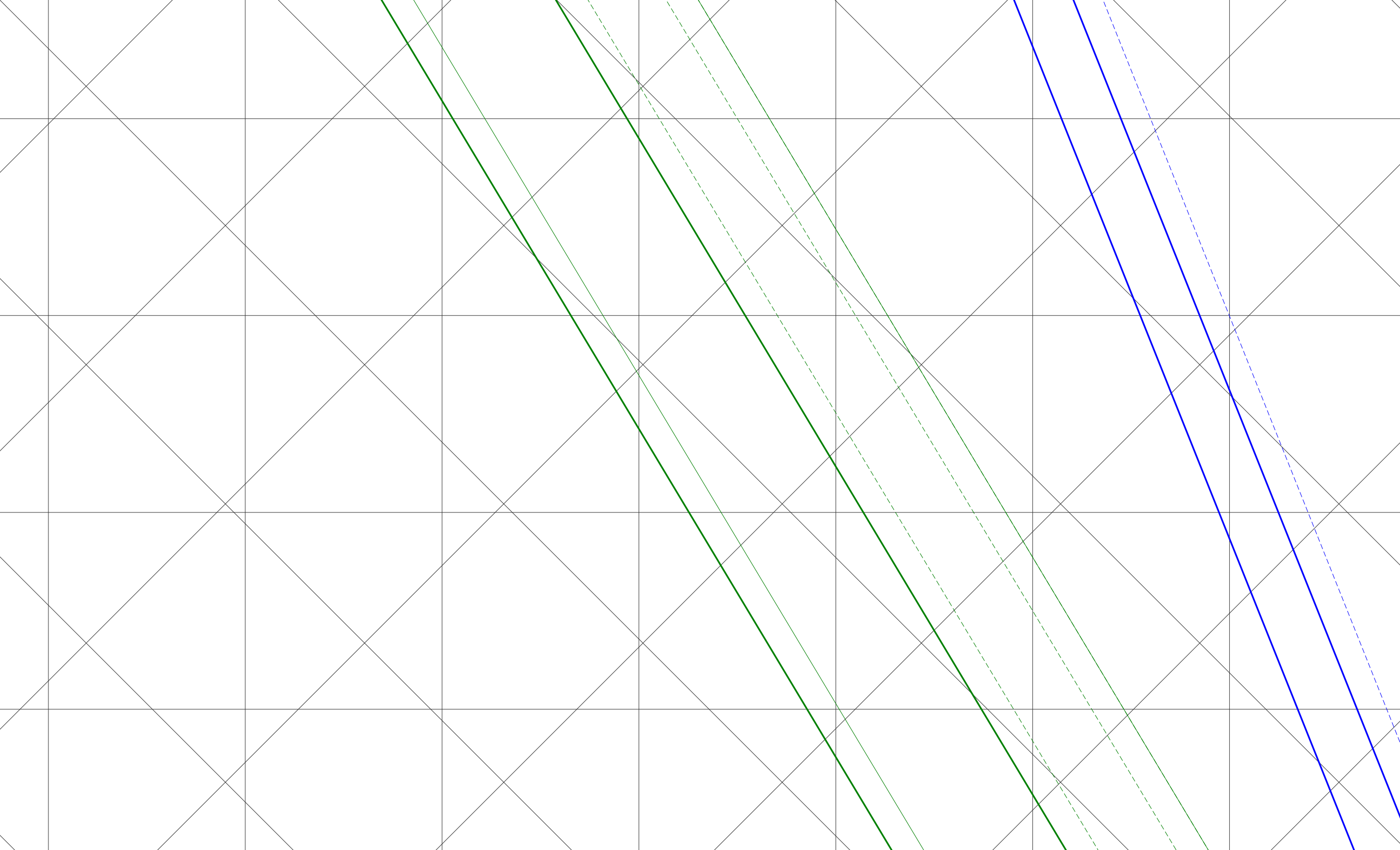


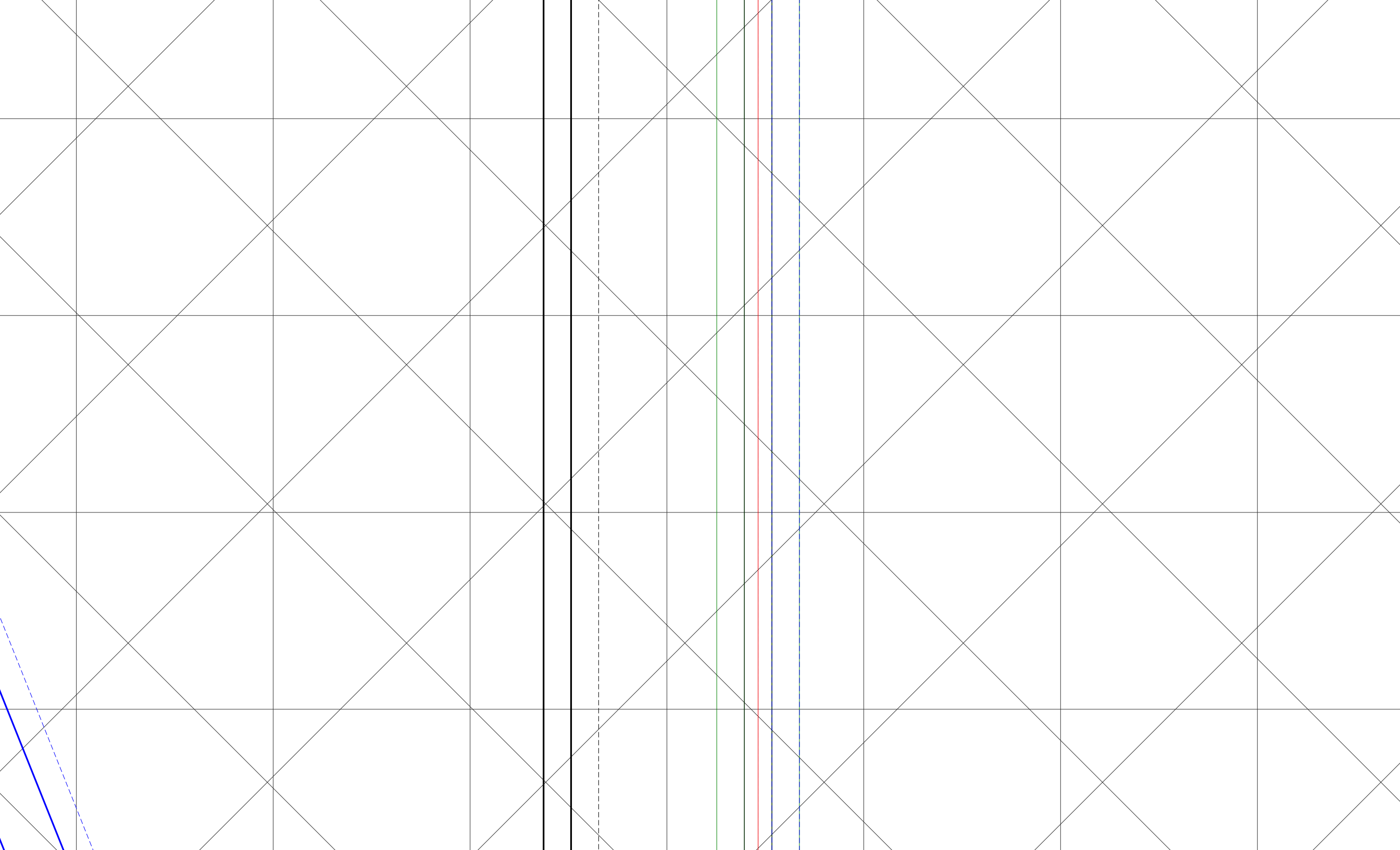
Ripstop Orientation

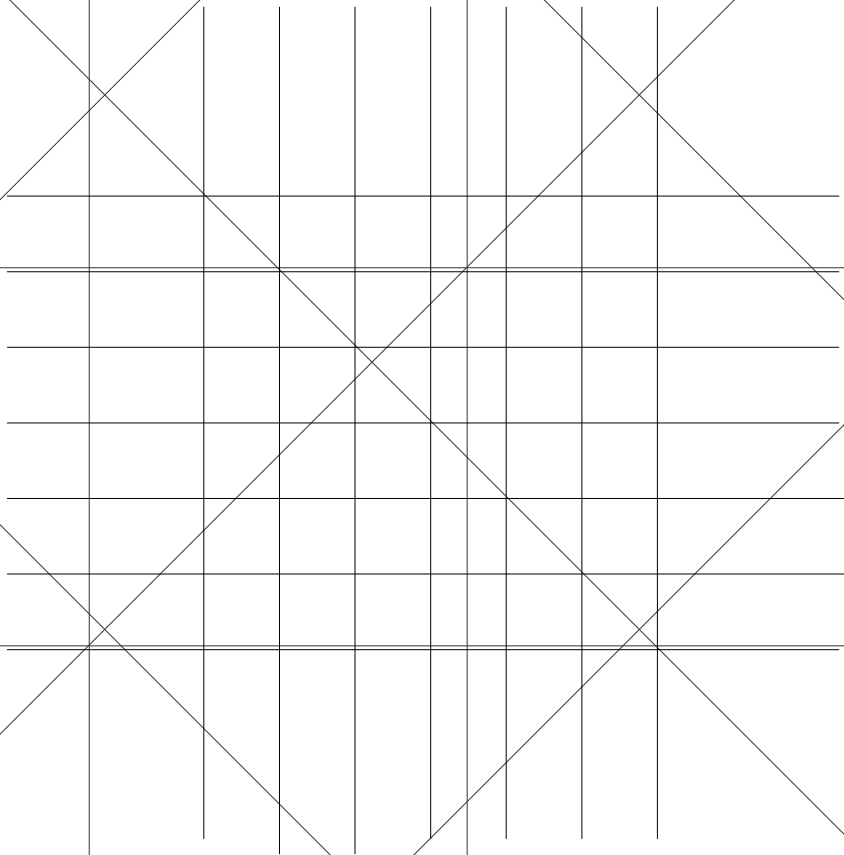




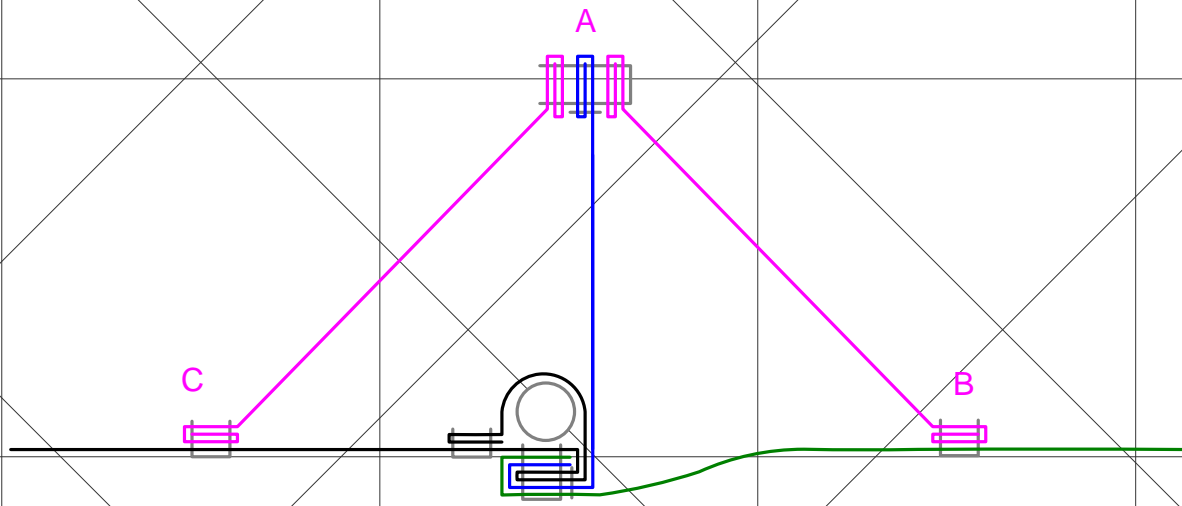


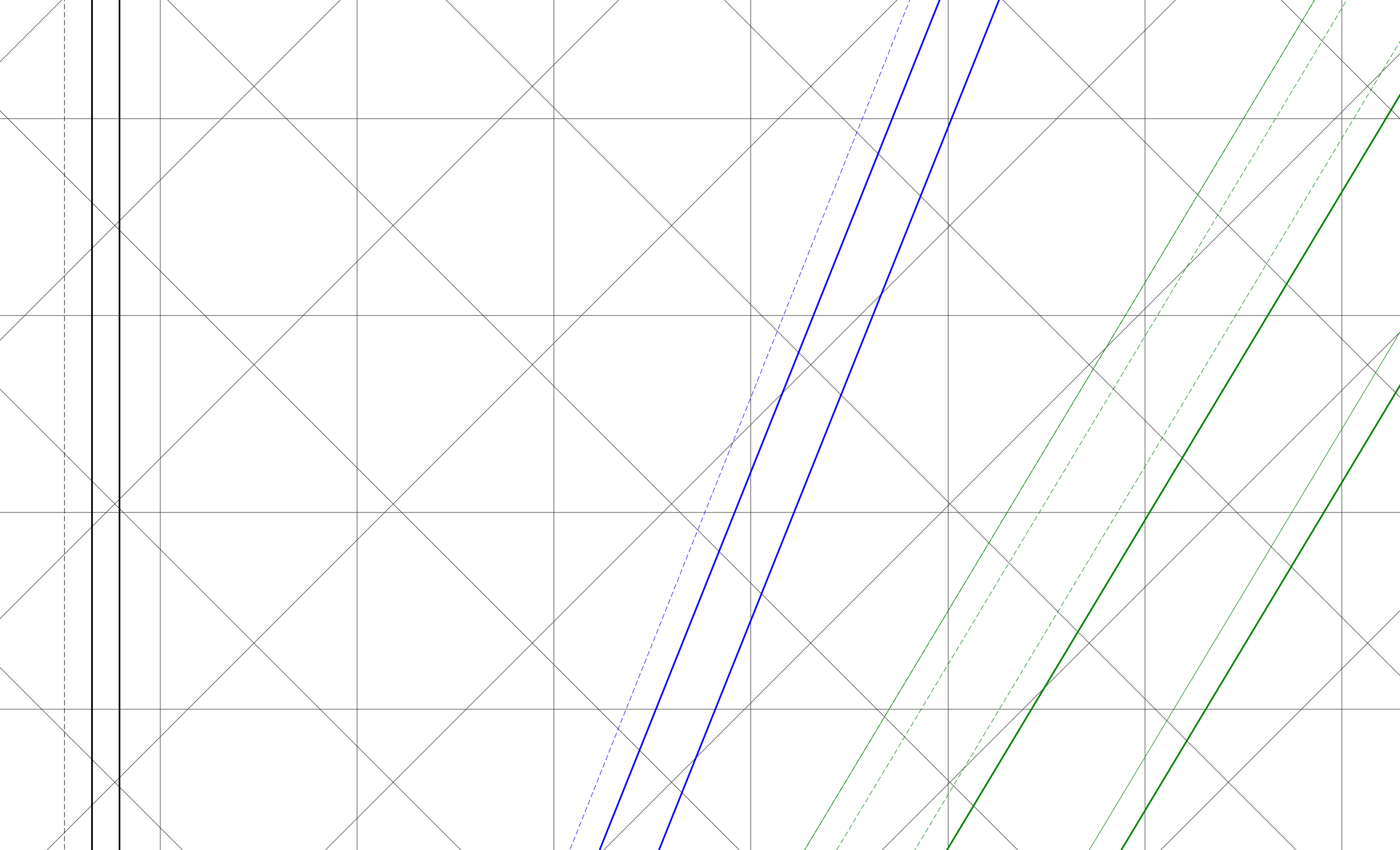


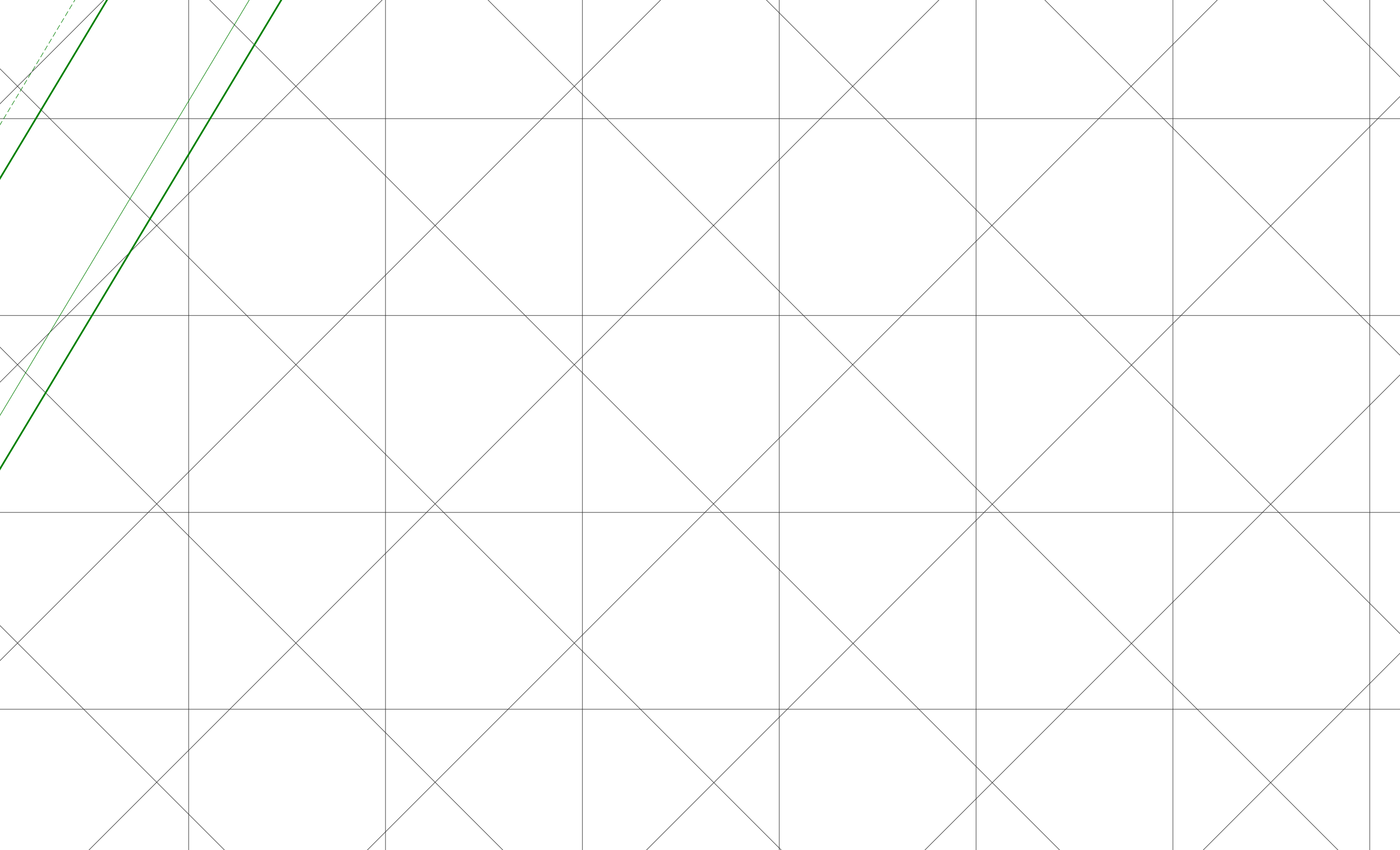


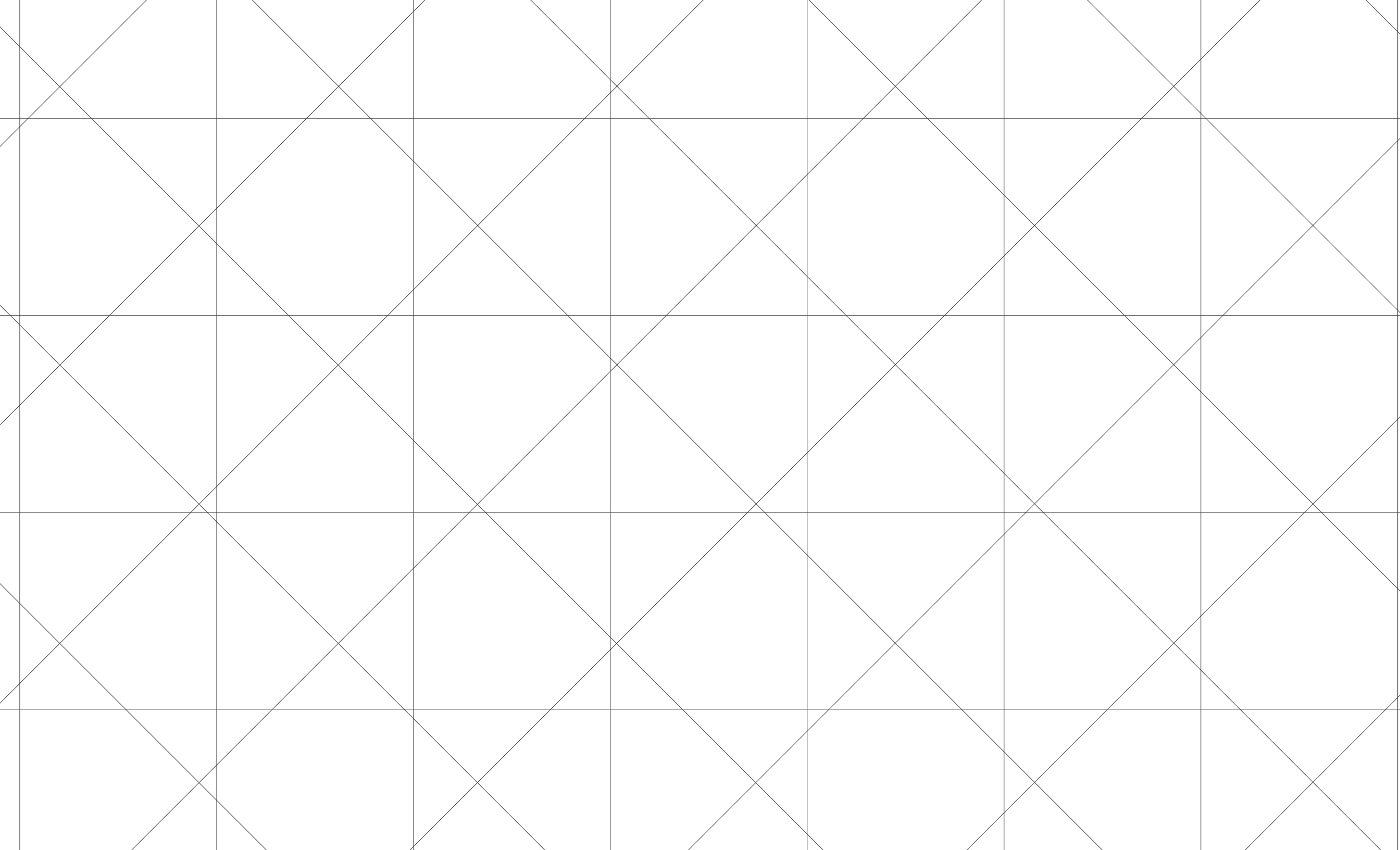


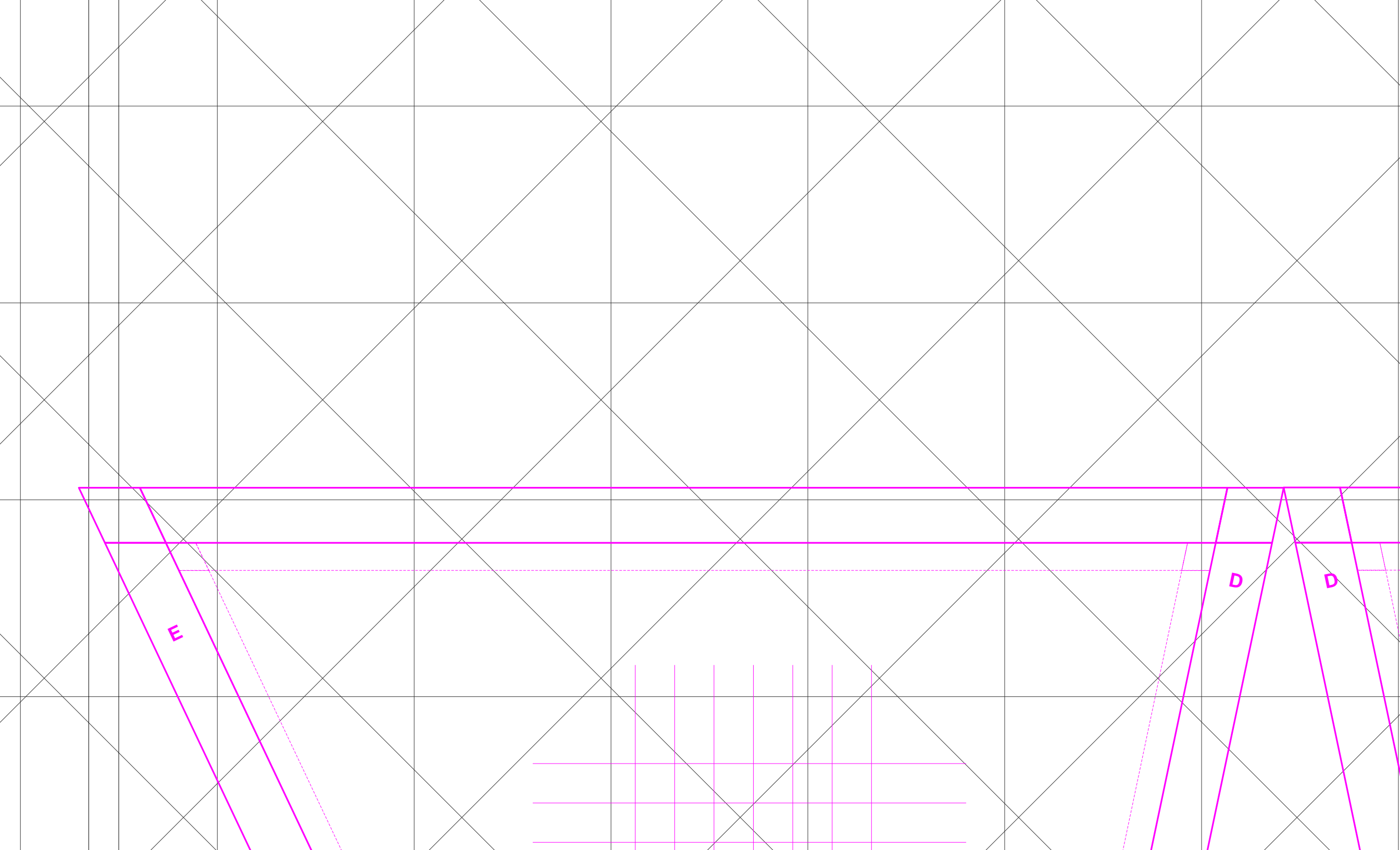
Ripstop Orientation

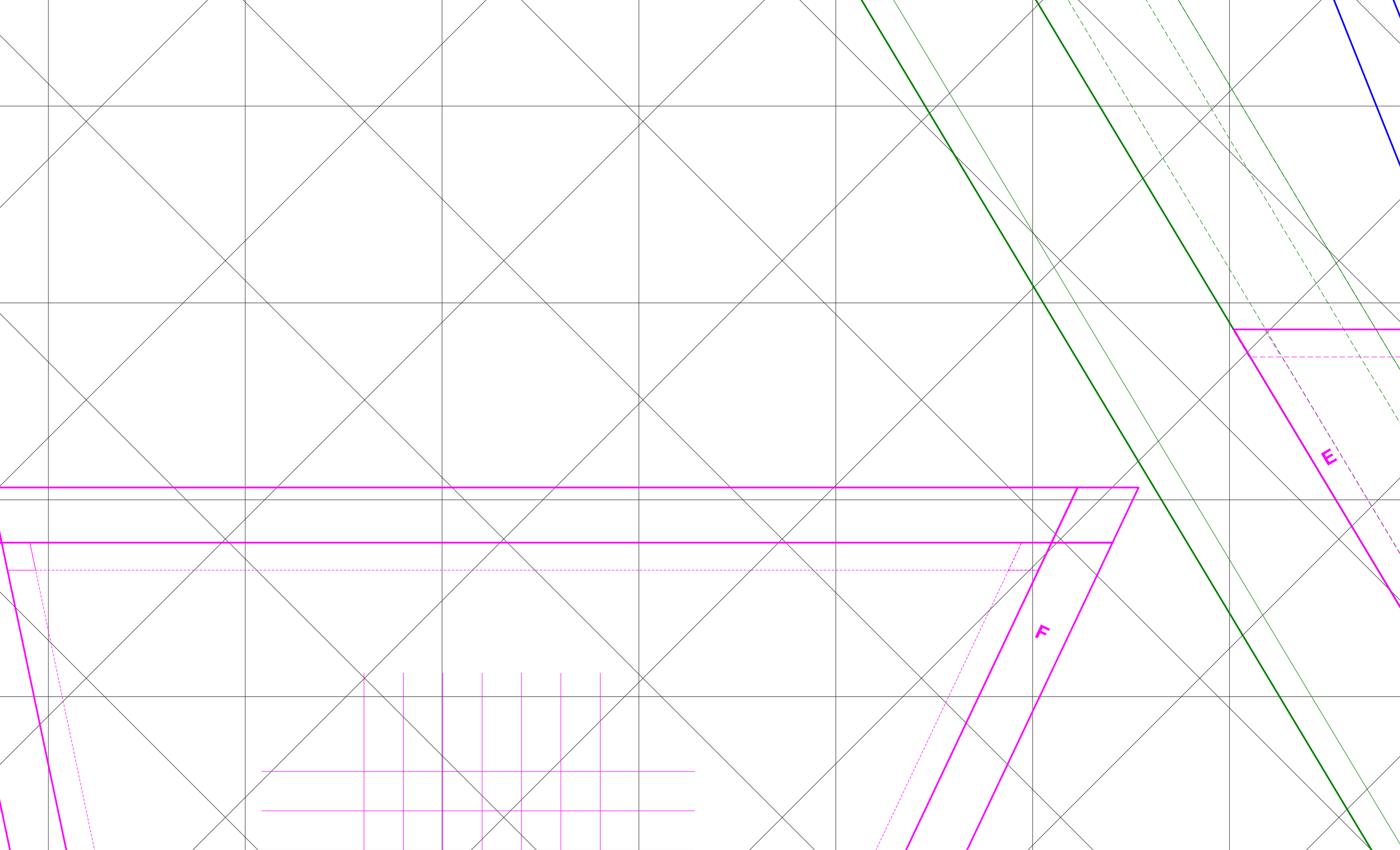


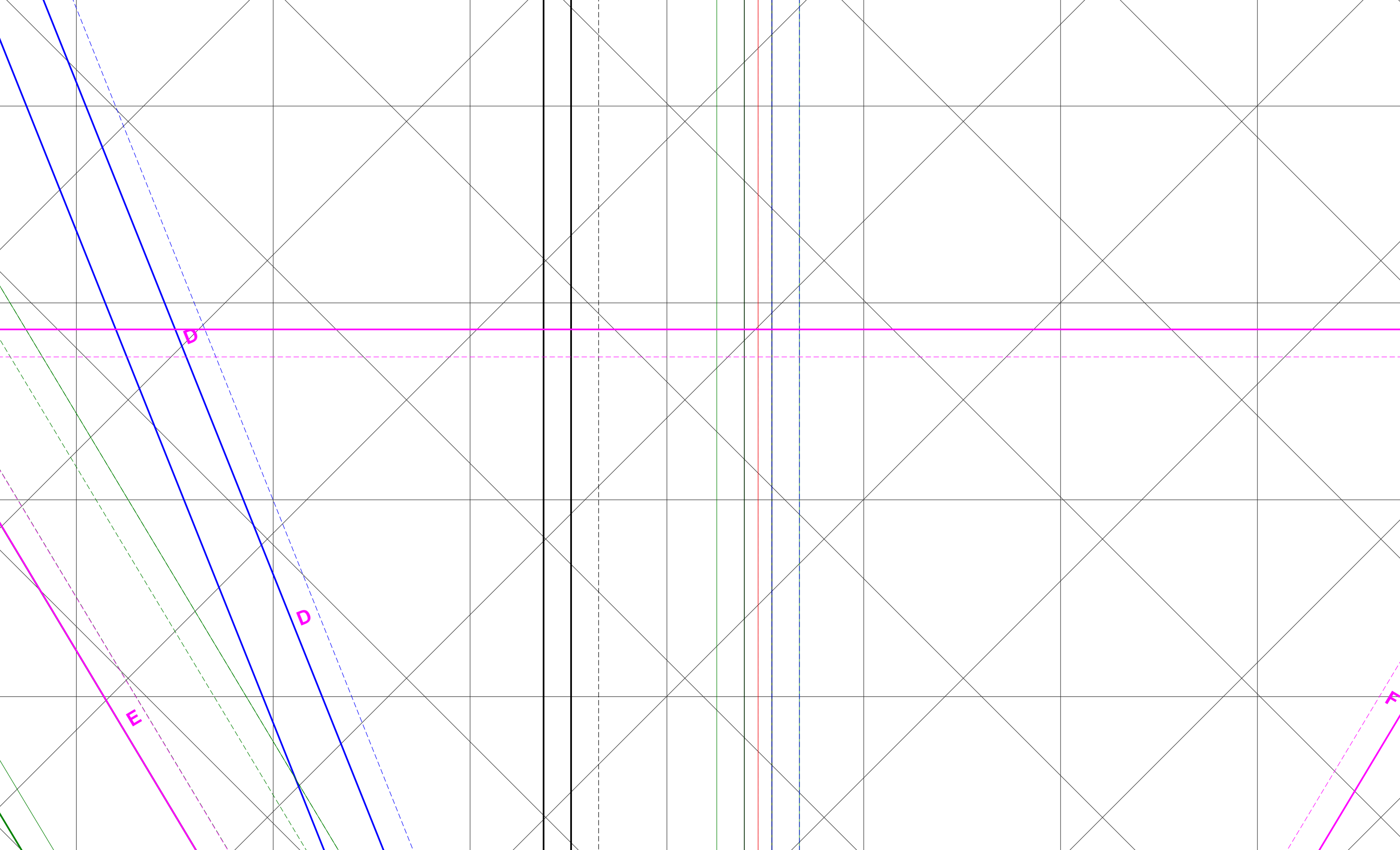


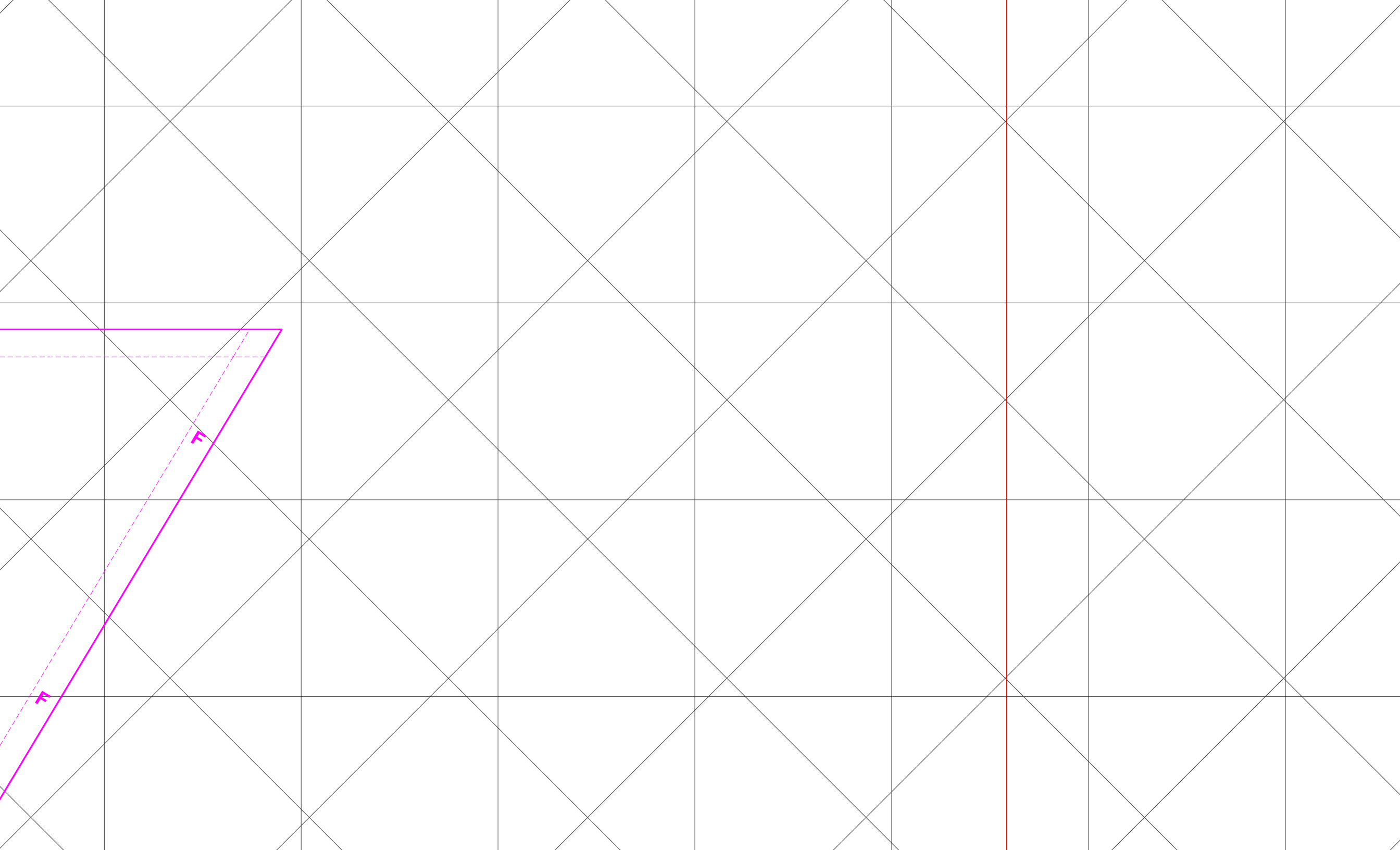


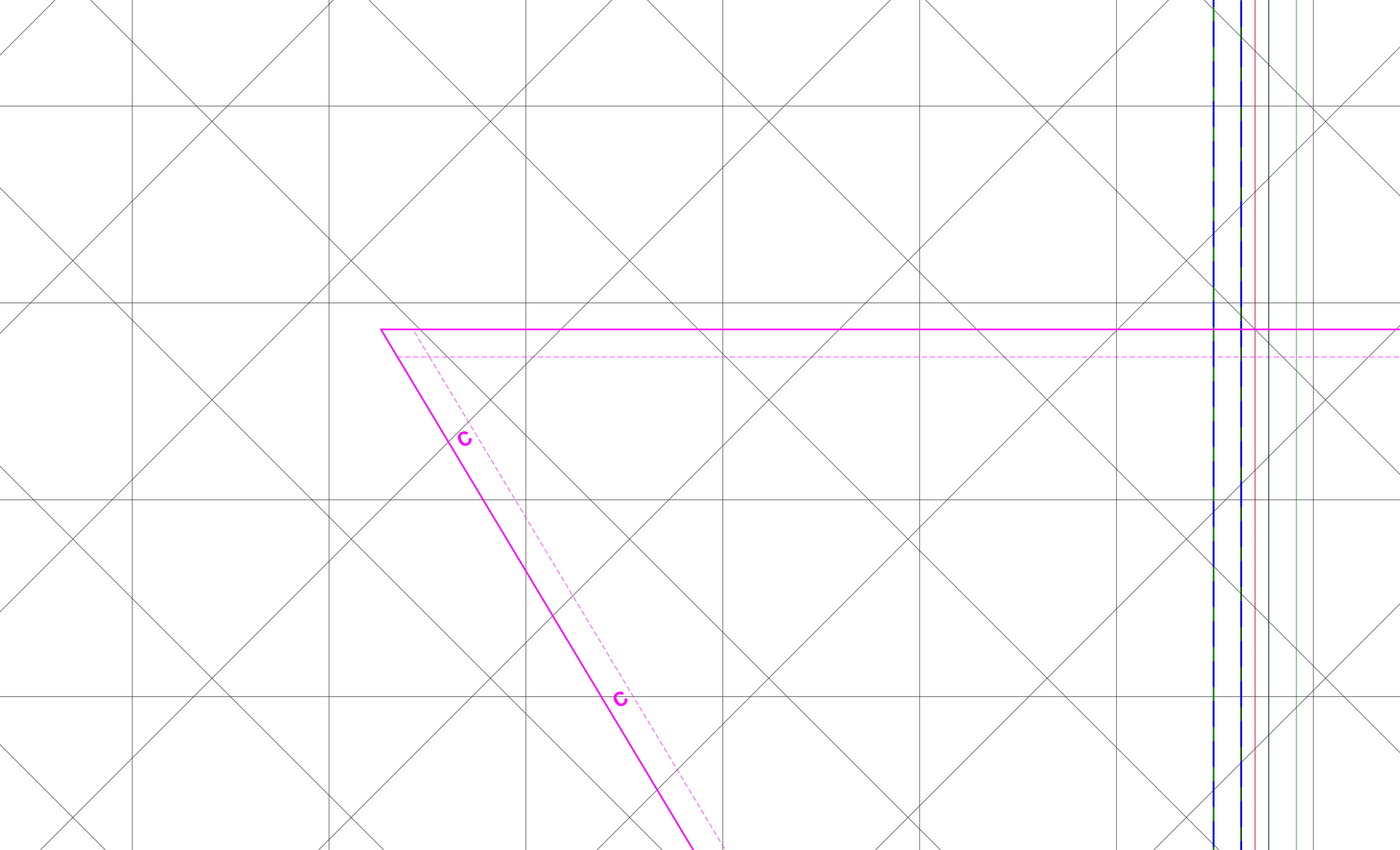


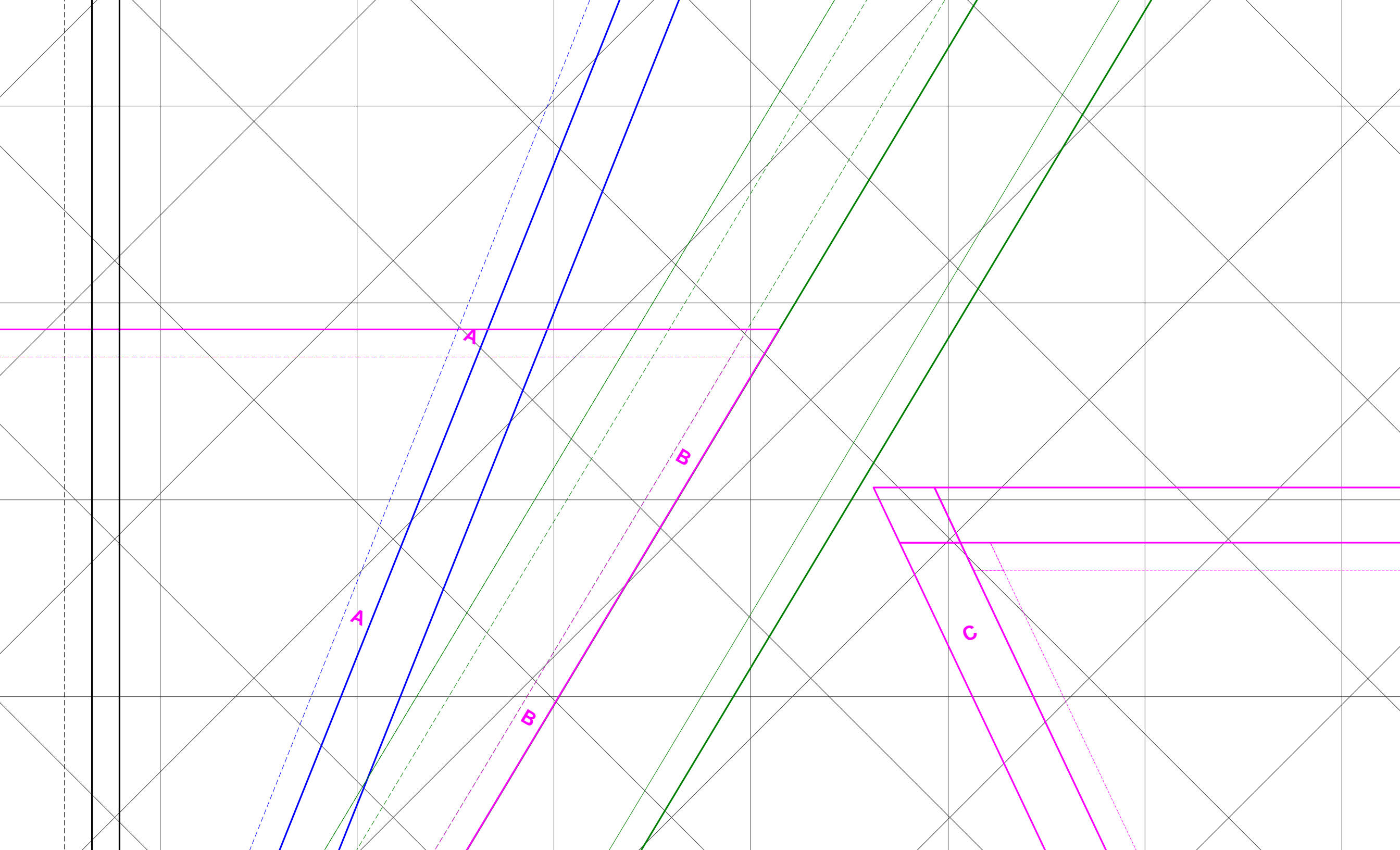


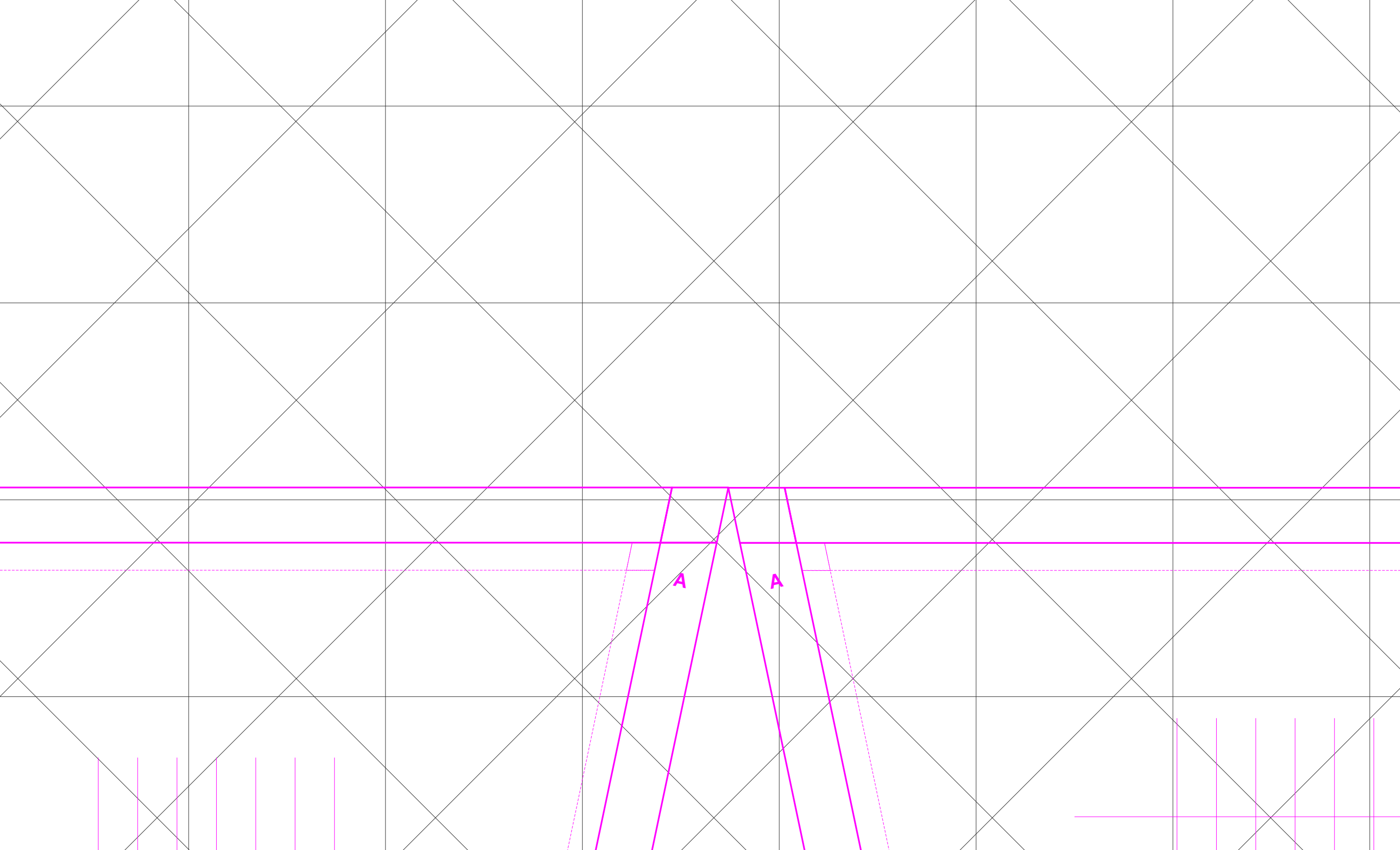


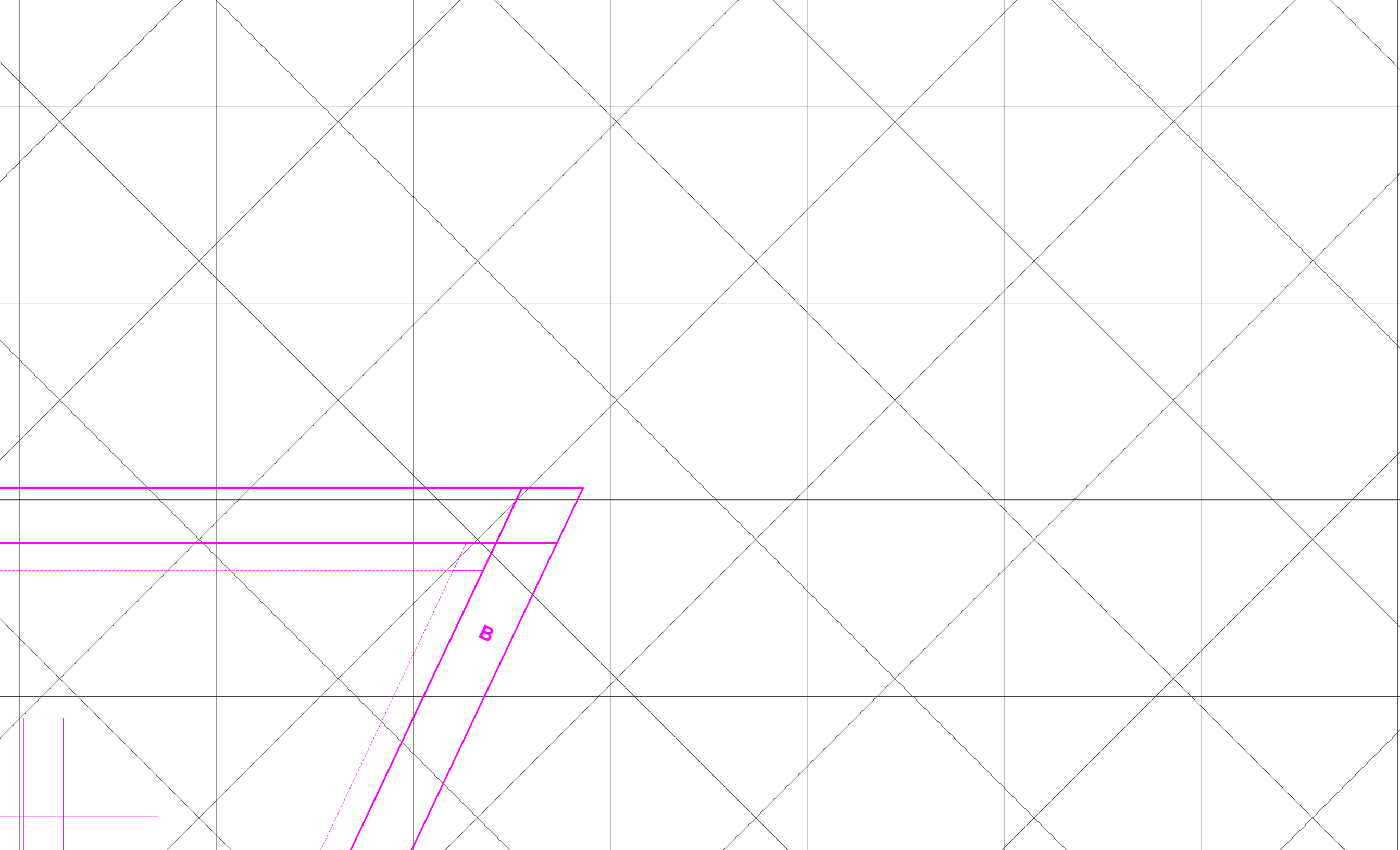


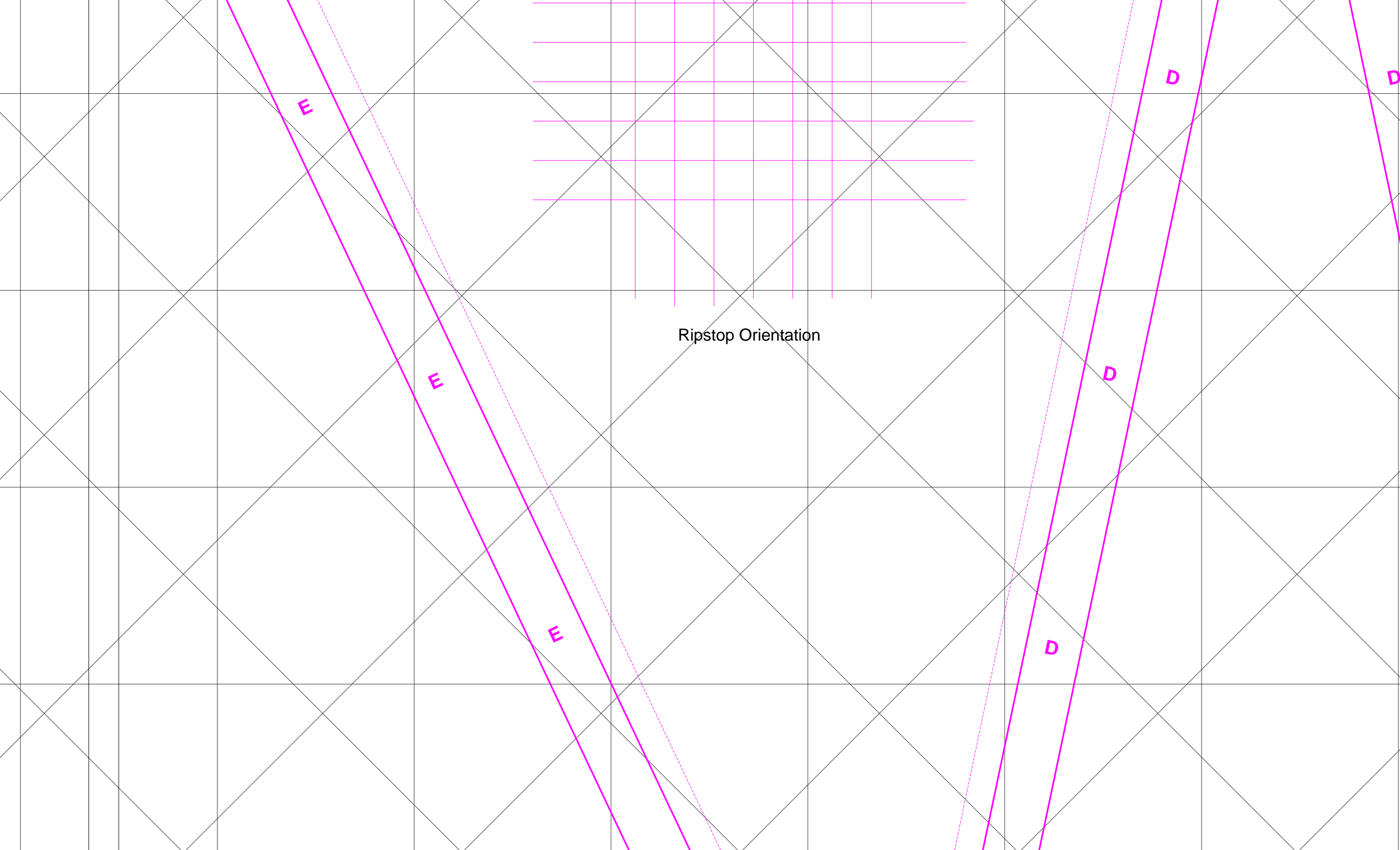


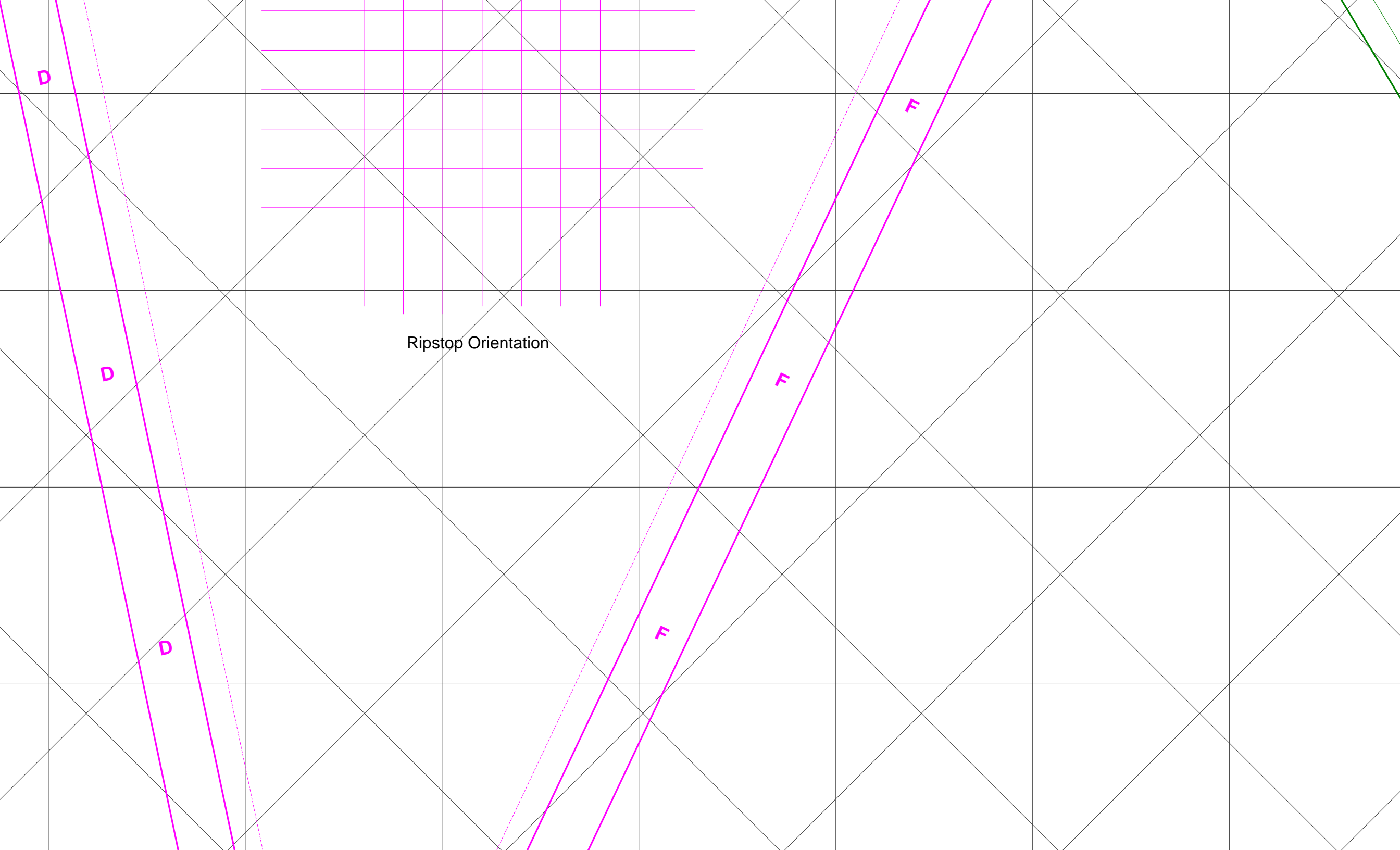












Ripstop Orientation

D

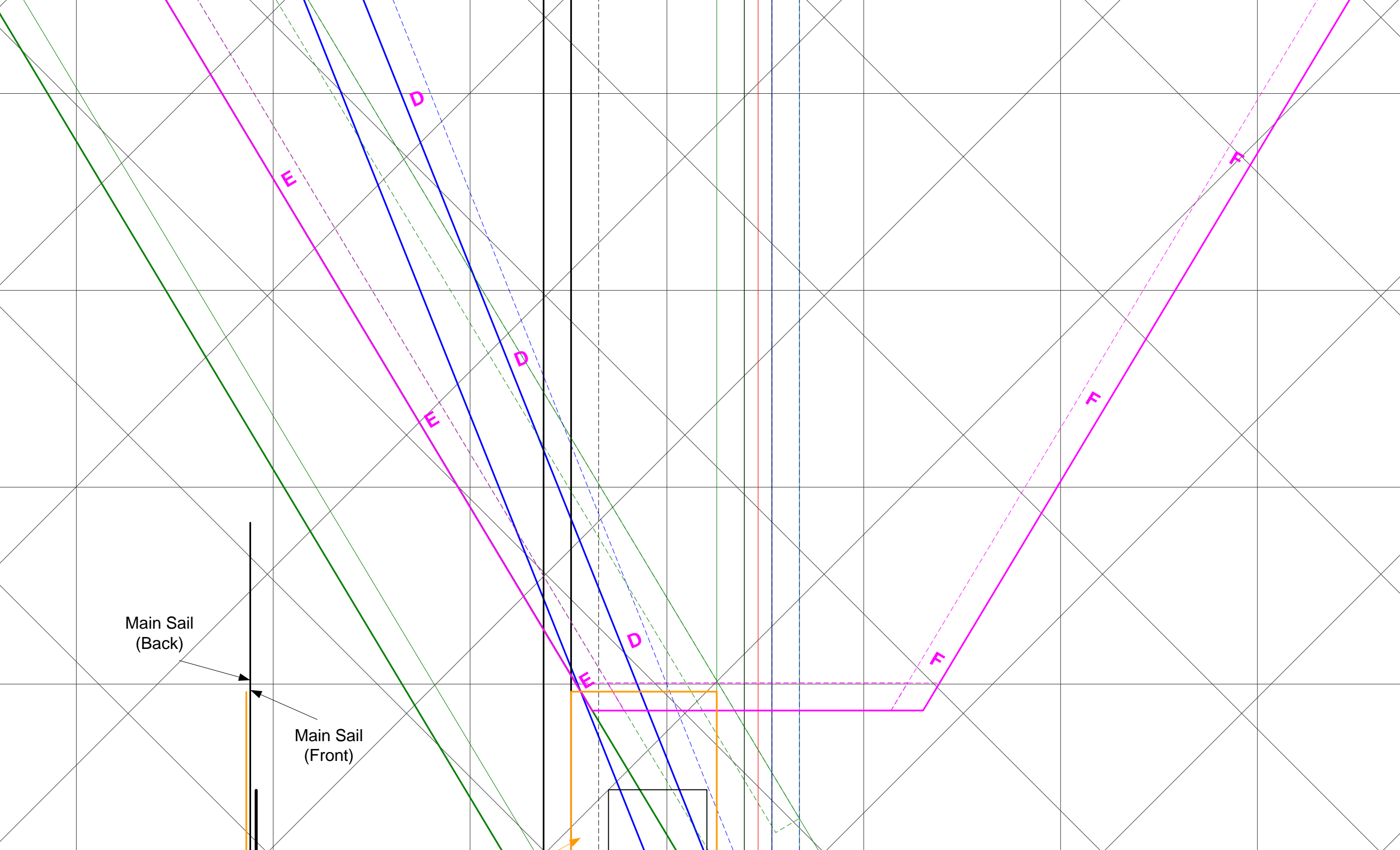
D

D

T

T

T



Main Sail
(Back)

Main Sail
(Front)

Original FLED plan by:

<http://www.brooxes.com/newsite/Downloads/FledPlansAll.pdf>

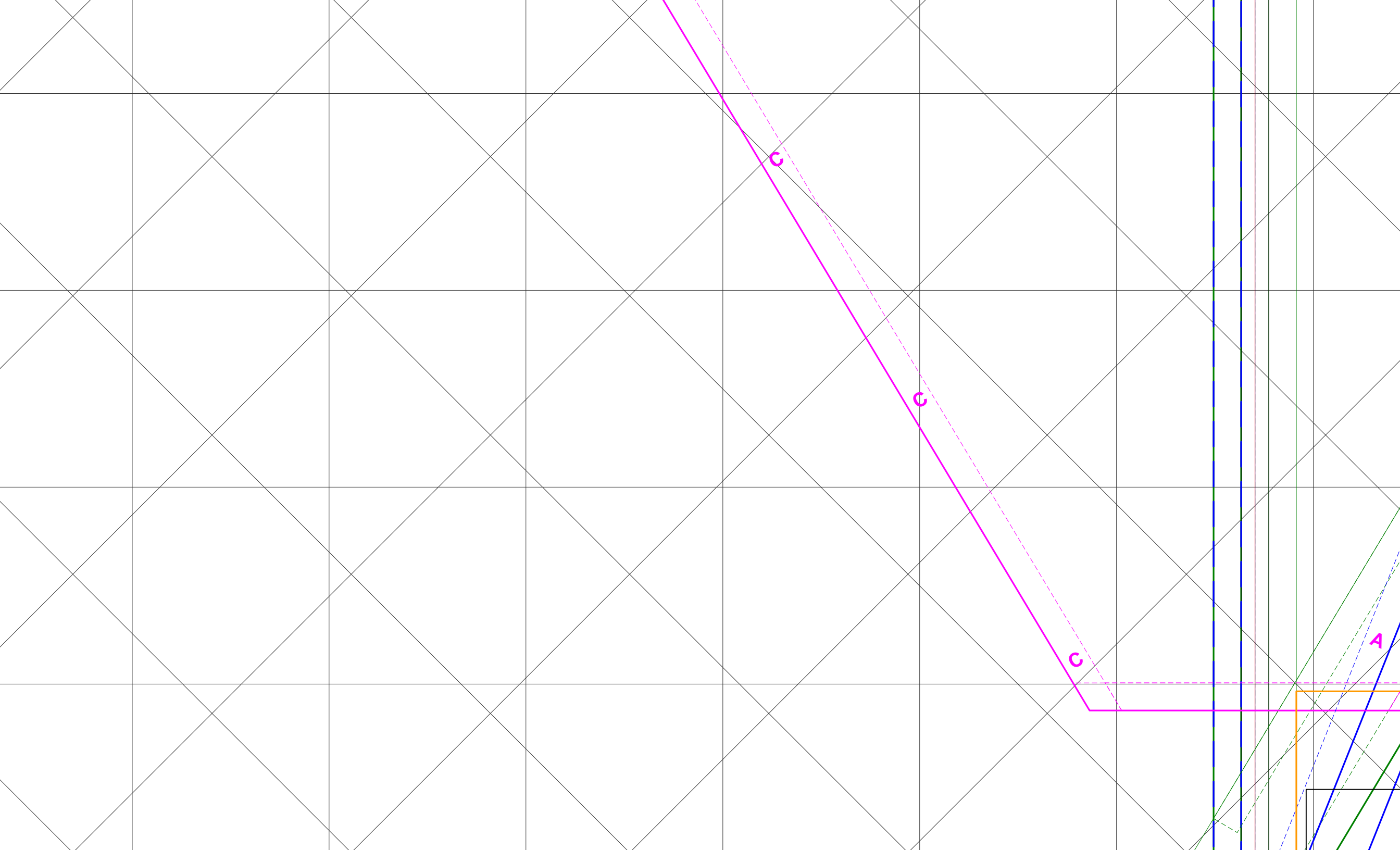
Modified FLED plan by:

Yvon Haché

Dieppe, NB

Canada

www.yvonhache.com

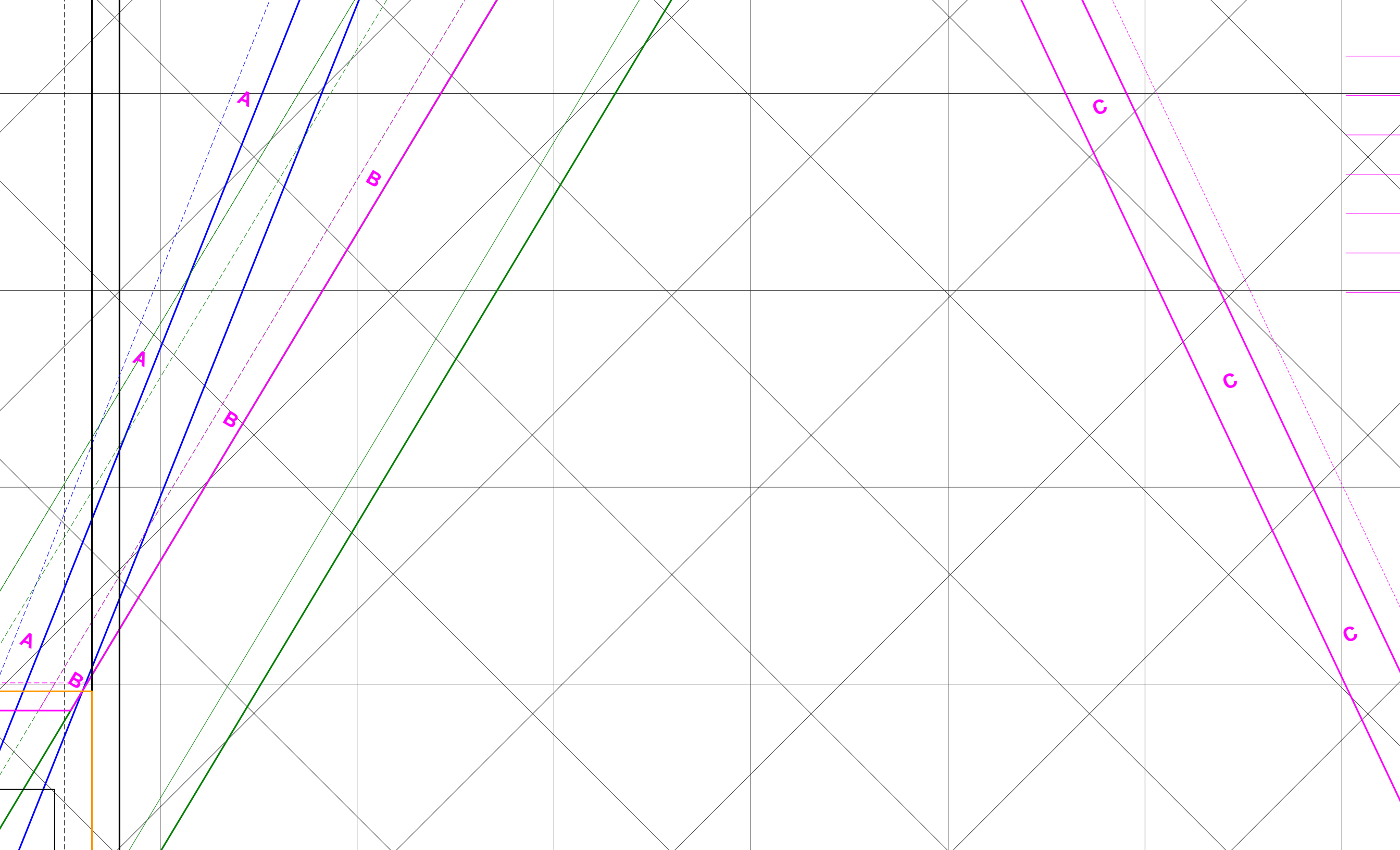


C

C

C

A



A

B

C

A

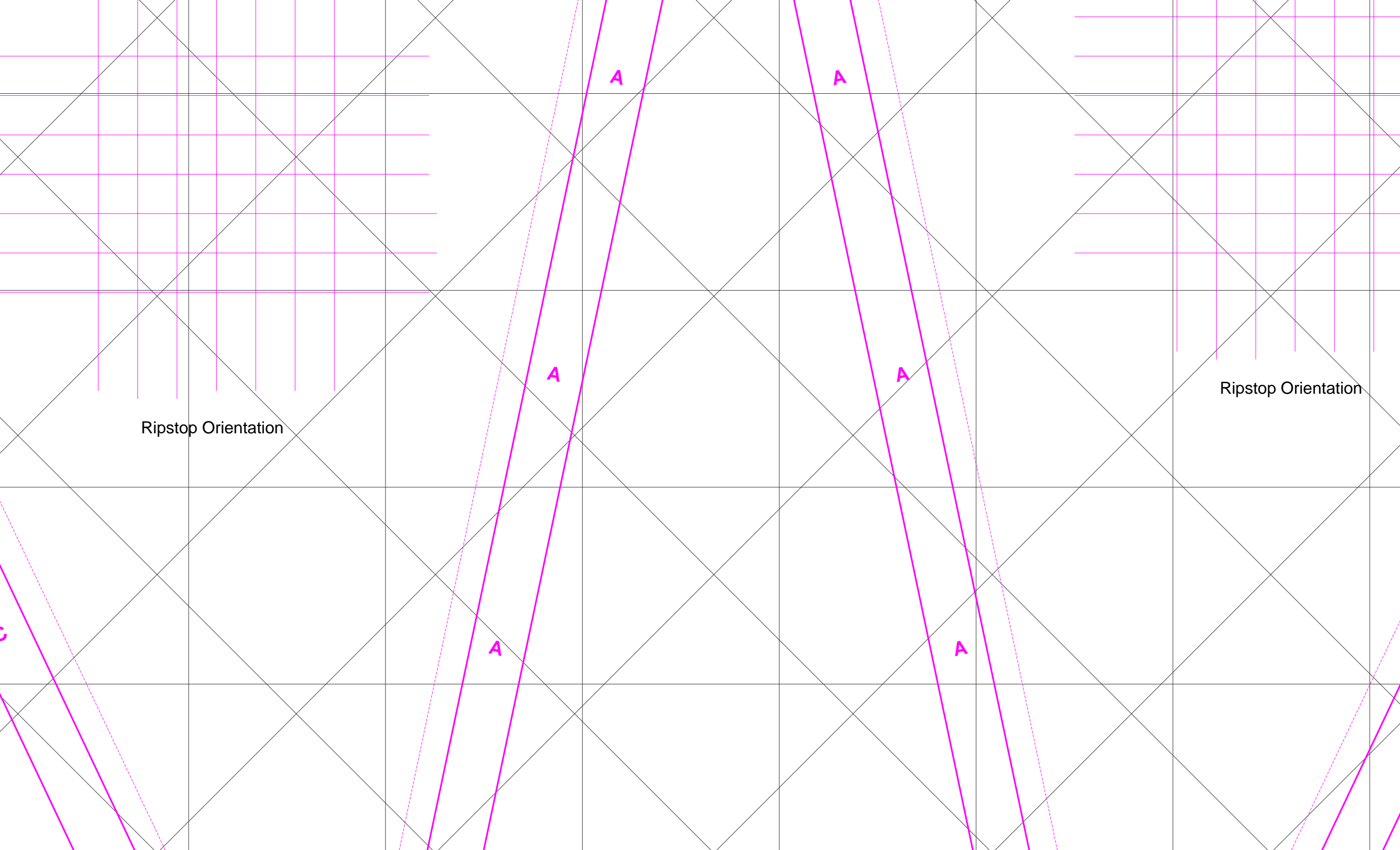
B

C

A

B

C



Ripstop Orientation

Ripstop Orientation

A

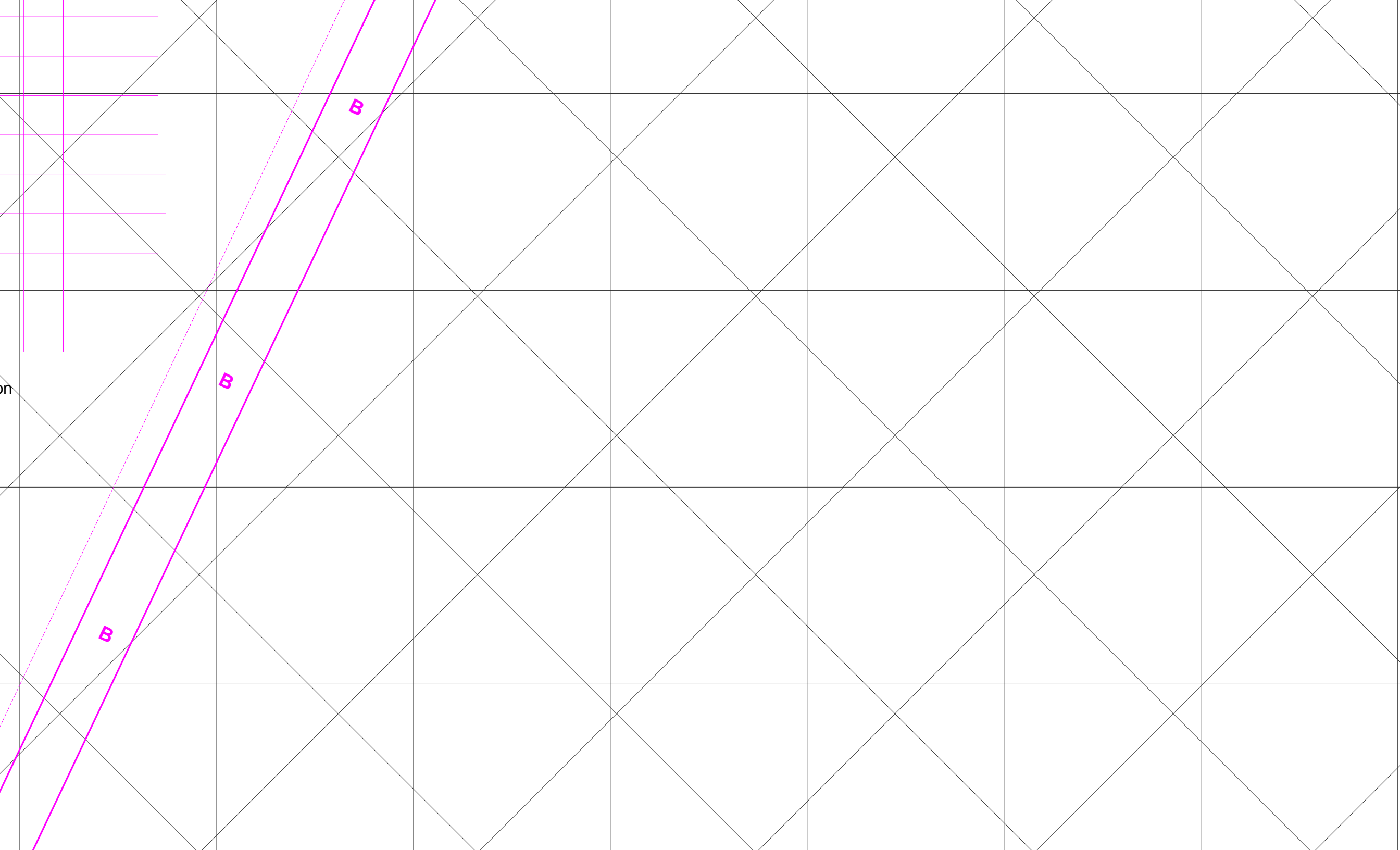
A

A

A

A

A

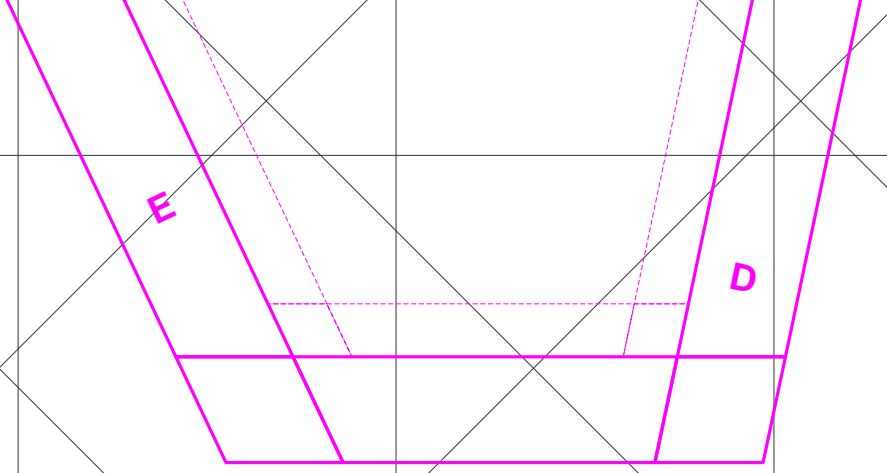


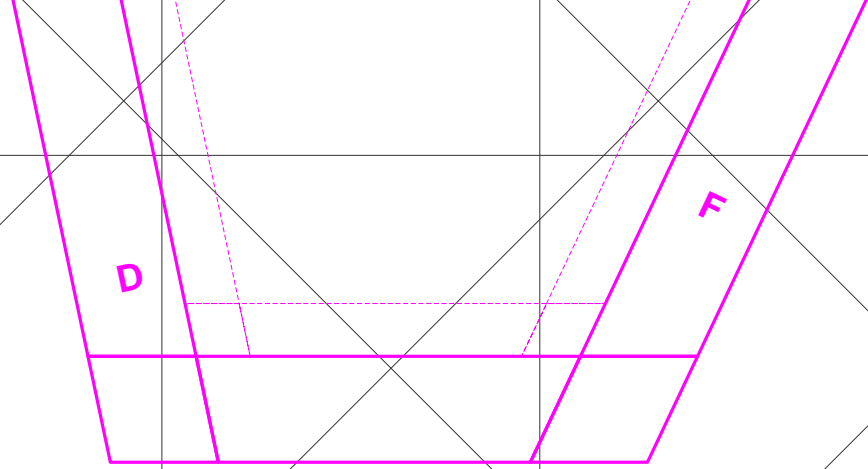
B

B

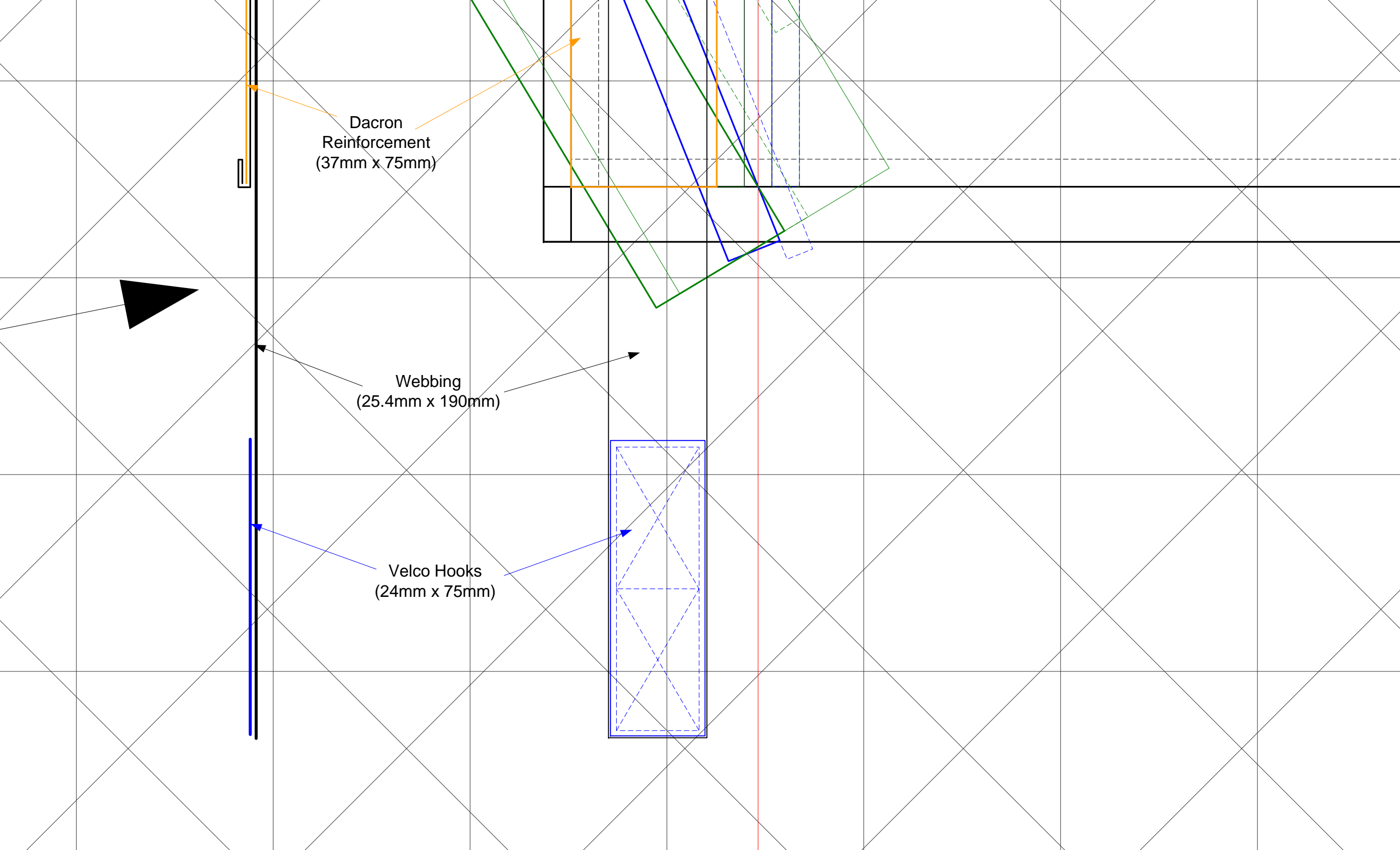
B

on





**STEP #7: Install Dacron
Reinforcement, webbing and
velcro hooks on vertical
sleeves trailing edge**



Dacron
Reinforcement
(37mm x 75mm)

Webbing
(25.4mm x 190mm)

Velco Hooks
(24mm x 75mm)

