# CONSTRUCTOR BY RAZORTOOTHDESIGN
## ARCHITECTURAL PARTITIONS



Define areas in lobbies, open work spaces, loft style apartments and offices, residential or corporate building common areas to create privacy without blocking views, light or air with architectural screen walls.

CONSTRUCTOR PARTITION SYSTEM features hardware and supports hidden between two layers of panels.
Supports are attached to floor and ceiling, creating a rigid and structural partition system. All materials, supports and hardware are customized for interior or exterior application.

Standard supports include, 2"x1" frame, 1"x1" frame, cable suspension, and standoffs. All systems are engineered to meet desired finished dimensions. Integrated LED lighting housing is an option for most systems.

Our modern CNC screen design patterns can be scaled, modified, and graduated.
Custom patterns can also be developed specific to your project.

Standard materials finish at 46" x 94", some materials options finish at 58" x 118".
For larger sizes, seamless continuous patterns can be created depending on the pattern and supports.

MATERIALS:
1/4" PVC panels, colors available for interior applications.
1/8" Aluminum Composite panels, colors available for interior applications.
1/4" HDPE, 3/8" HDPE (High Density Polyethylene) for interior/exterior/high traffic applications.

SUPPORTS:
Standard support and hardware options include free standing screens, cable suspension, frame supports.
All hardware and supports are customized per project based on requirements.

PATTERNS:
Choose from our library of modern CNC designs.
All of our patterns can be scaled, modified and graduated to final dimensions of panels.
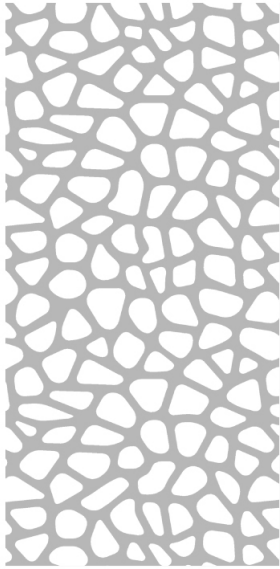Custom patterns can be developed specific to project.

HOW TO ORDER:
Call or send us an email with your sizes and hardware requirements and we will send you a quote.
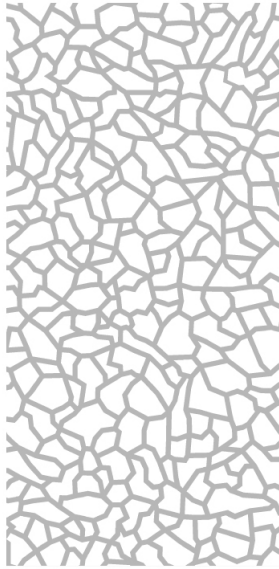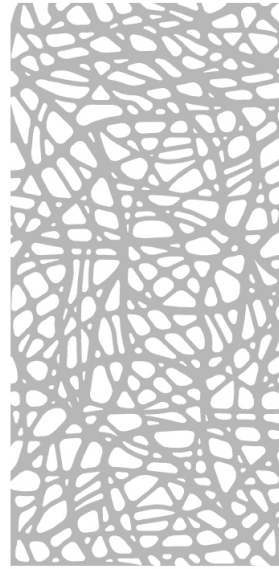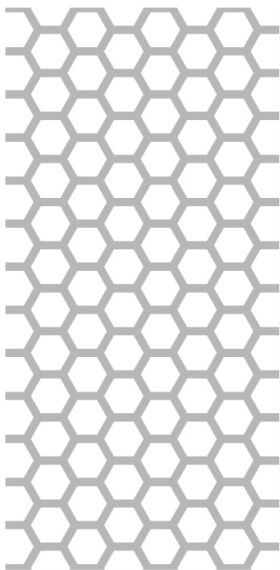General lead time is 4-6 weeks, 8-12+ for larger projects.
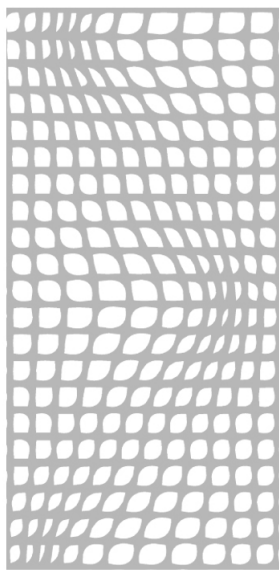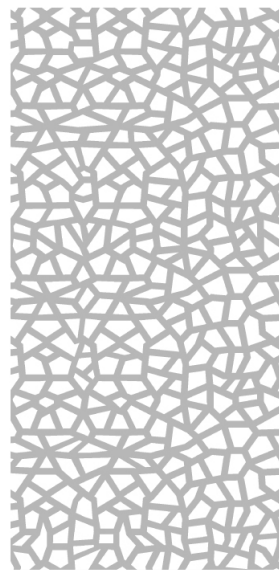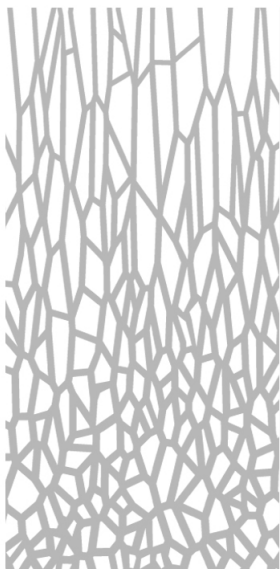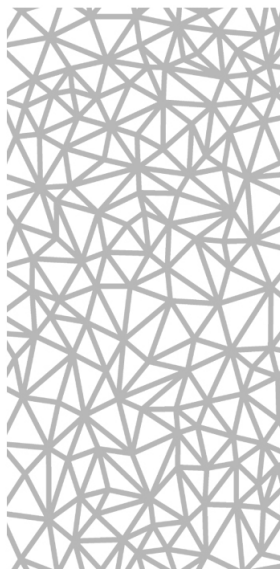
# PATTERNS BY RAZORTOOTHDESIGN

CELL

CELLULAR

DESERT

FOREST

HONEYCOMB

VINE

MOTION

WEB 2

RAIN

STARS

SWIRL

TECHNO
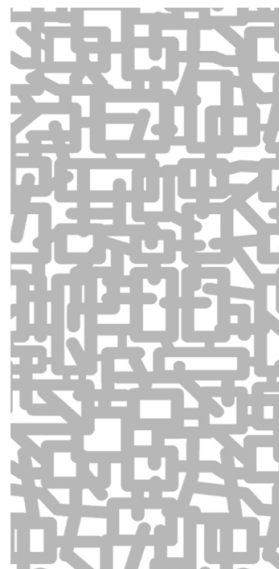
WAVE
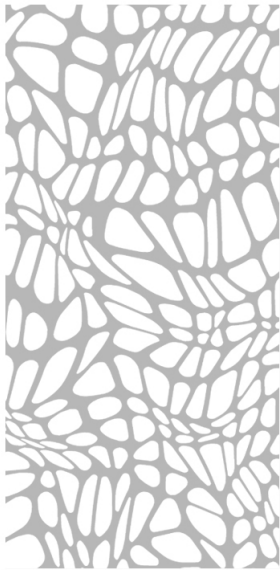
WEAVE
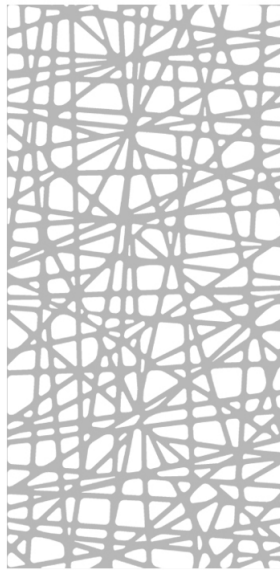
WEB 1
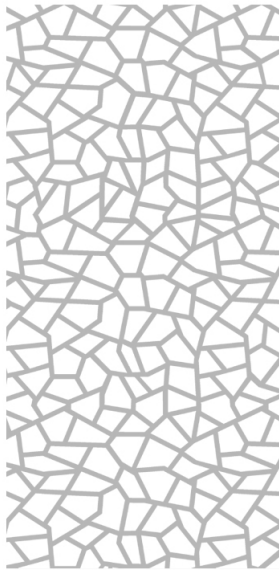
WOVEN
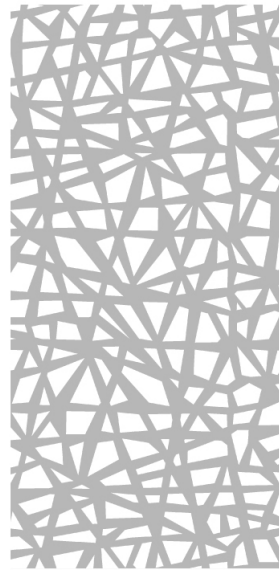
WWW.RAZORTOOTHDESIGN.COM

# 2" FRAMES
## CONSTRUCTOR DOUBLE LAYER SCREEN WITH 2" FRAME



DOUBLE LAYER SCREEN WITH 2" FRAME SUPPORTS
Floor to ceiling screen partitions, this system can be built up to 14' height.  2" frame between 2 layers of 1/8" aluminum composite panels or ¼" HDPE.  Patterns and supports are modified to hide seams and supports for large scale applications. 2" frame can support standoffs or attach directly to ceiling and floor.   For high traffic or public spaces such as hotel lobbies, office reception areas and restaurant entrances as a feature wall and to define areas. Sleek materials combined with modern CNC patterns is a functional dividing wall and will add visually stunning effects to your environment.

| | |
|---|---|
| MATERIAL 1: | 1/8" Aluminum composite panels, 2" aluminum frame, frame covers to match. |
| SIZES: | Standard single section 46"(W)x94"(H)x2.25"(D),larger sizes are split and seamed |
| COLORS: | Standard colors are white gloss/white gloss, black matte/black gloss, red matte/red gloss. |
| ADDITIONAL COLORS: | Anodized brushed metallic finishes are silver/silver, bronze/gold, black/copper. |
| ADDITIONAL INFO: | Aluminum composite panels are factory finished with different colors on front and back or with anodized finishes as listed. Additional colors may be available. |

| | |
|---|---|
| MATERIAL 2: | 1/4" HDPE panels, 2" aluminum frame, powder coat finish to match. |
| SIZES: | Standard single section 53"(W)x94"(H) x2.50"(D), larger sizes are split and seamed. |
| COLORS: | Standard colors are white, light grey, charcoal, and black. |
| ADDITIONAL INFO: | Additional colors may be available please inquire. |

| | |
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| COMPONENTS: | CNC cut aluminum composite panels or HDPE panels, 2" profile aluminum frames, panel to panel spacers, SS screws.  All supports and hardware powder coat finished to match. All hardware and templates necessary for installation are included. |

| | |
|---|---|
| INSTALLATION: | Shipped as assembled units, back panels are removed for installation. Screens attach through frame to floor, ceiling, and wall as needed.  For continuous screens, frames are bolted side to side.  All hardware included. |
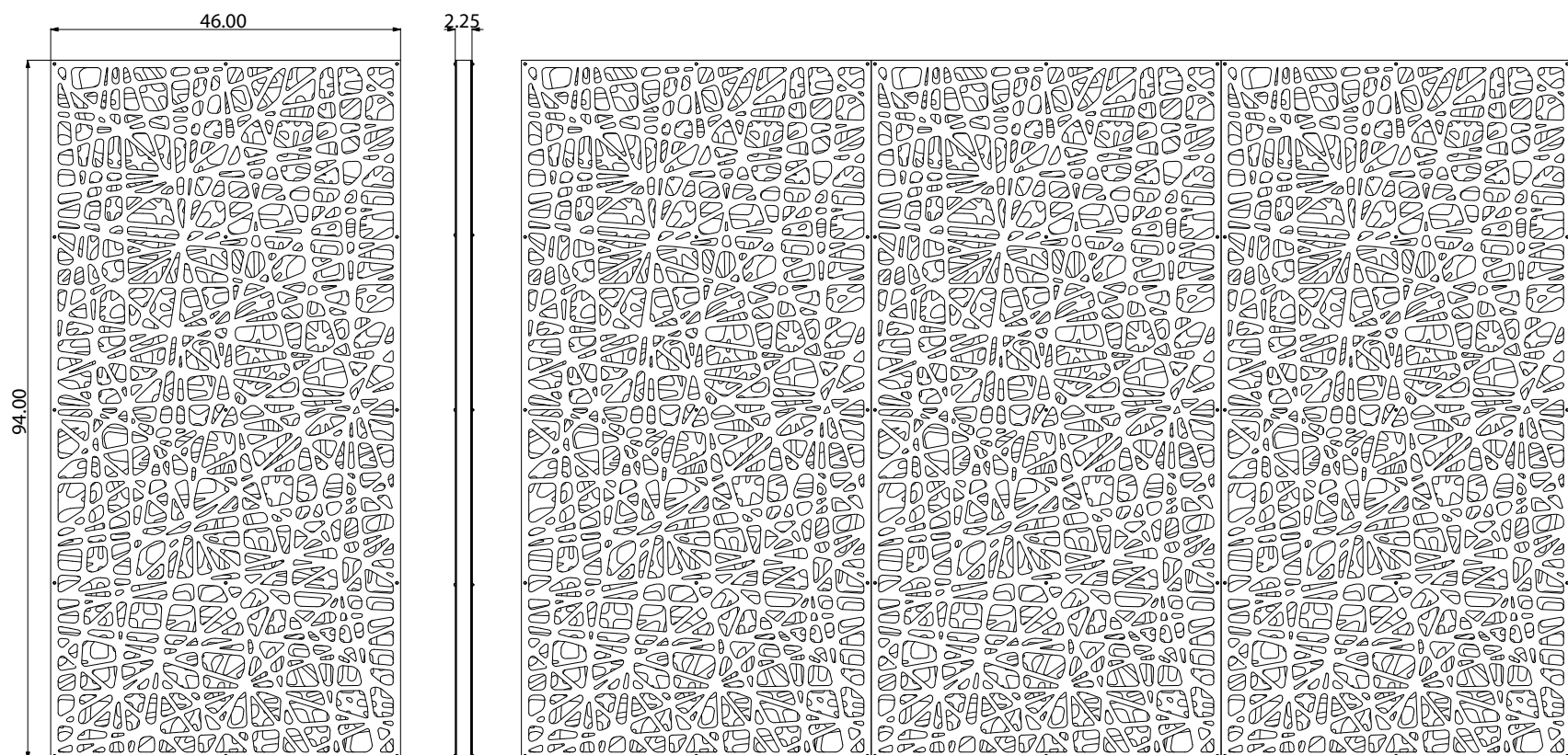
# 1" FRAMES
## CONSTRUCTOR DOUBLE LAYER SCREEN WITH 1" FRAME
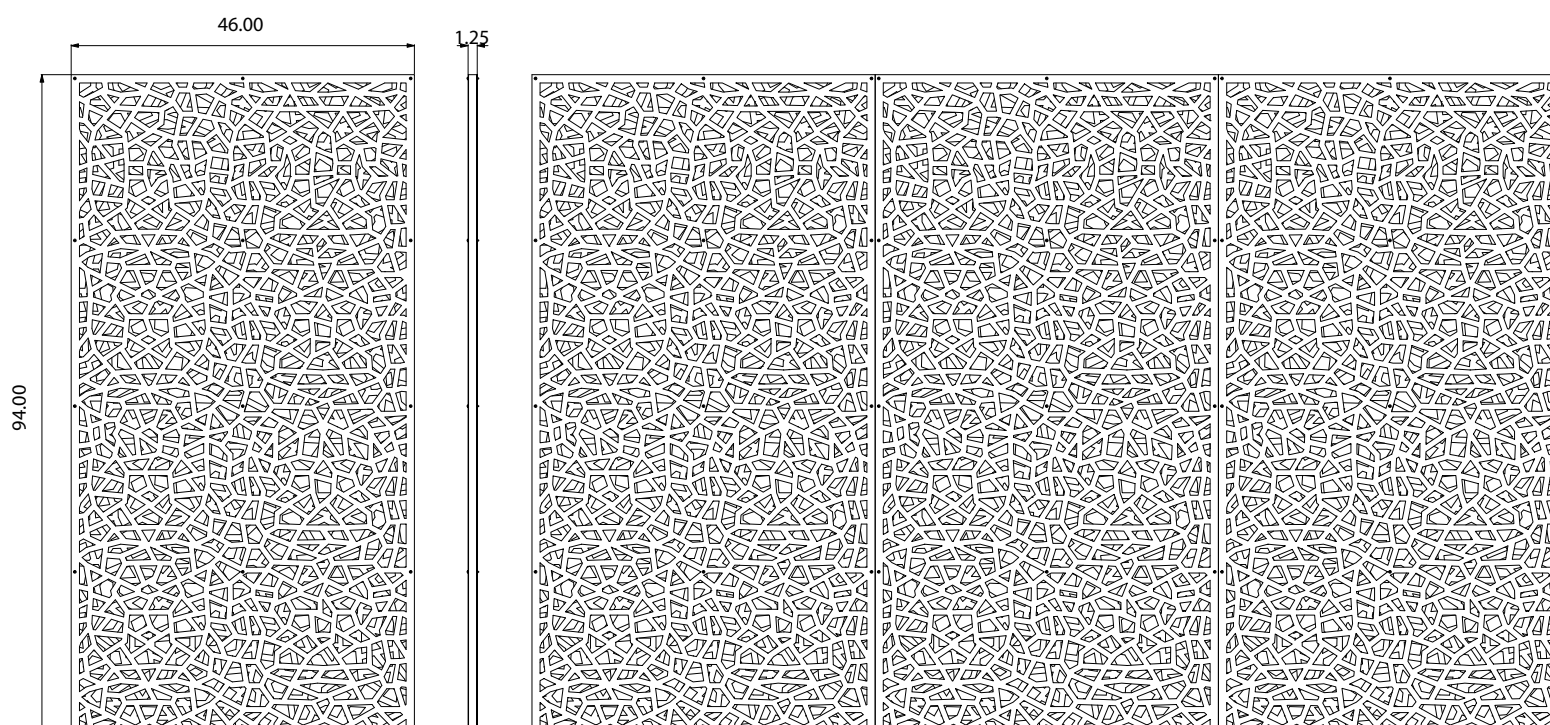


DOUBLE LAYER SCREEN WITH 1" FRAME

Best option for dividing and defining spaces in standard height rooms or smaller scale applications.  1" frame between 2 layers of 1/8" aluminum composite panels provides stability with a slim and elegant finished depth.  Screens are attached top and bottom at 95" or less.  This system can also be integrated by building soffits, adding base at floor or incorporated with half walls. Standoffs and cable supports can be added to extend the height creating a completely different effect.  All hardware and supports are hidden between 2 layers of panels for an elegant way to separate spaces.

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| MATERIAL 1: | 1/8" Aluminum composite panels, 1" aluminum frame, powder coat finish to match. |
| SIZES: | Standard single section 46"(W)x94"(H)x1.25"(D), 46"(W)x118"(H)x1.25"(D), larger sizes will be split and seamed. |
| COLORS: | Standard colors are white gloss/white gloss, black matte/black gloss, red matte/red gloss. |
| ADDITIONAL COLORS: | Anodized brushed metallic finishes are silver/silver, bronze/gold, black/copper. |
| ADDITIONAL INFO: | Aluminum composite panels are factory finished with different colors front and back or anodized finishes as listed.  Additional colors may be available. |

| | |
|---|---|
| MATERIAL 2: | 1/4" HDPE panels, 1" aluminum frame, powder coat finish to match. |
| SIZES: | Standard single section 53"(W)x94"(H)x1.50"(D), larger sizes are split and seamed. |
| COLORS: | Standard colors are white, light grey, charcoal, and black. |
| ADDITIONAL INFO: | Additional colors may be available please inquire. |

| | |
|---|---|
| COMPONENTS: | CNC cut aluminum composite panels or HDPE panels, aluminum support frames in 1" profile, panel to panel spacers, SS screws.  All supports and hardware powder coat to match, all hardware necessary for installation included. |

| | |
|---|---|
| INSTALLATION: | All screen sections are shipped assembled.  For installation, back panels are removed, screen is attached through frame to floor, ceiling, and wall as needed. For continuous screens, frames are bolted side to side.   All hardware necessary for installation are included. |

# CABLE SUSPENSION 1
## CONSTRUCTOR DOUBLE LAYER SCREEN WITH CABLES TO CEILING AND FLOOR



DOUBLE LAYER SCREEN WITH CABLES TO CEILING AND FLOOR

Suspended screens features two layer of panels attached back to back with spacers, finished depth 4 ¾".  Horizontal support bars at top and bottom house cables for attachment to floor and ceiling.  These panels can be connected side to side to create a continuous floating panel wall.  Standard size finishes at 46"x94" or smaller.  Some material options finish at 58"x118".  All cables are cut to requested size with turnbuckles for leveling and on site adjustments.

| | |
|---|---|
| MATERIAL 1: | 1/8" Aluminum composite panels, 1"x1" aluminum tube supports, cables and turnbuckles. |
| SIZES: | Standard single section 46"(W)x94"(H) x4.75"(D), 46"(W)x118"(H) x4.75"(D).  Larger are split and seamed. |
| COLORS: | Standard colors are white gloss/white gloss, black matte/black gloss, red matte/red gloss. |
| ADDITIONAL COLORS: | Anodized brushed metallic finishes are silver/silver, bronze/gold, black/copper. |
| ADDITIONAL INFO: | Aluminum composite panels are factory finished with different colors front and back or anodized finishes as listed.  Additional colors may be available. |

| | |
|---|---|
| MATERIAL 2: | 1/4" PVC panels, 1"x1" horizontal aluminum tube supports cable hardware, powder coat finish to match. |
| SIZES: | Standard single section 46"(W)x94"(H) x4.75"(D), 46"(W)x118"(H) x4.75"(D). Larger sizes arel split and seamed. |
| COLORS: | Standard colors are white, black, grey, red, yellow, and blue. |
| ADDITIONAL INFO: | Additional colors may be available please inquire. |

| | |
|---|---|
| COMPONENTS: | CNC cut aluminum composite panels or PVC panels, 1"x1" aluminum tube supports for cables, panel to panel spacers, all supports and hardware powder coat to match.  All hardware necessary for installation included. |
| INSTALLATION: | Screens are shipped assembled with cables attached to horizontal supports and top and bottom.  Cables attach to ceiling and floor.  For continuous screen walls, screens are connected side to side with brackets. |
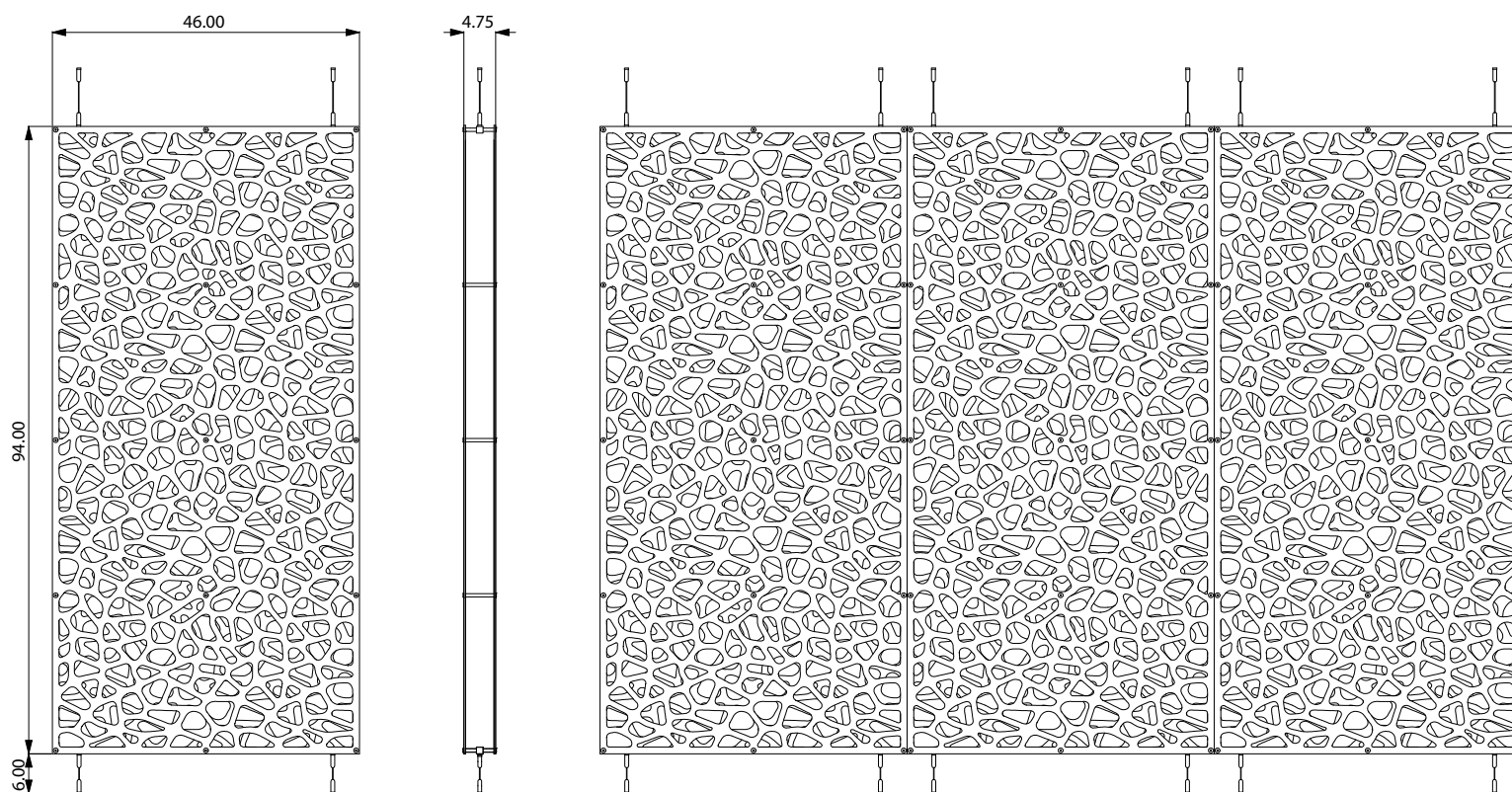
# CABLE SUSPENSION 2
## CONSTRUCTOR DOUBLE LAYER SCREEN WITH CABLES TO CEILING ONLY



### DOUBLE LAYER SCREEN WITH CABLES TO CEILING ONLY

Hanging screens with cable attachment to ceiling and adjustable gliders at bottom features two layer of panels attached back to back with spacers, finished depth 4¾". Horizontal support bar at top house cables for attachment to ceiling. These panels can be connected side to side to create a continuous floating panel wall. Standard size finishes at 46"x94" or smaller. Some material options finish at 58"x118". All cables are cut to requested size with turnbuckles for leveling and on site adjustments.

| | |
|---|---|
| MATERIAL 1: | 1/8" Aluminum composite panels, 1"x1" aluminum supports, aluminum cables and turnbuckles. |
| SIZES: | Standard single section 46"(W)x94"(H) x4.75"(D), 46"(W)x118"(H) x4.75"(D), larger sizes are split and seamed. |
| COLORS: | Standard colors are white gloss/white gloss, black matte/black gloss, red matte/red gloss. |
| ADDITIONAL COLORS: | Anodized brushed metallic finishes are silver/silver, bronze/gold, black/copper. |
| ADDITIONAL INFO: | Aluminum composite panels are factory finished with different colors front and back or anodized finishes as listed. Additional colors may be available. |

| | |
|---|---|
| MATERIAL 2: | 1/4" PVC panels, 1"x1" horizontal aluminum tube supports cable hardware, powder coat finish tomatch. |
| SIZES: | Standard single section 46"(W)x94"(H)x4.75"(D), 46"(W)x118"(H)x4.75"(D) |
| COLORS: | Standard colors are white, black, grey, red. |
| ADDITIONAL INFO: | Additional colors may be available please inquire. |

| | |
|---|---|
| COMPONENTS: | CNC cut aluminum composite panels or PVC panels, 1"x1" aluminum tube supports for cables, panel to panel spacers, all supports and hardware powder coat to match, all hardware necessary for installation included. |

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|---|---|
| INSTALLATION: | Screens are shipped assembled with cables attached to horizontal support at top. Screen hangs with cable attachment to ceiling with adjustable gliders at bottom. For continuous screen walls, screens are connected side to side with brackets. |
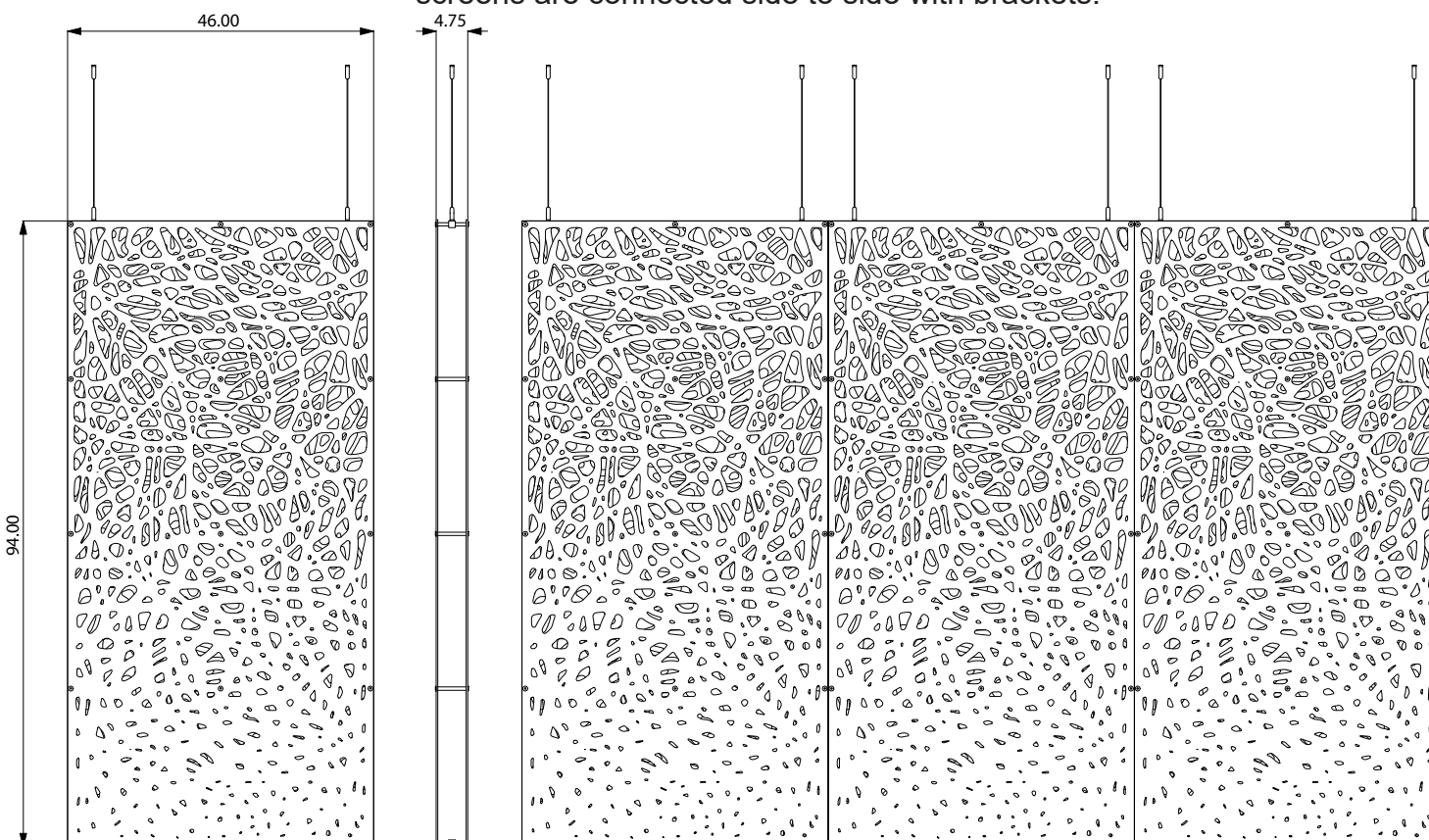
# CABLE SUSPENSION HIGH TRAFFIC
## CONSTRUCTOR DOUBLE LAYER SCREEN WITH HEAVY DUTY CABLE SUSPENSION



**DOUBLE LAYER SCREEN WITH FLOOR TO CEILING CABLE SUSPENSION**
Architectural suspended screen walls features heavy duty SS cables attached floor to ceiling. For large scale and high traffic applications, this partition system is unique without heavy structural support.

| | |
|---|---|
| MATERIAL 1: | 1/8" Aluminum composite panels, SS cable floor to ceiling suspension supports. |
| SIZE: | Standard single section 46"(W)x94"H) x4.75"(D), 46"(W)x118"H) x4.75"(D), larger sizes are split and seamed. |
| COLORS: | Standard colors are white gloss/white gloss, black matte/black gloss, red matte/red gloss. |
| ADDITIONAL COLORS: | Anodized brushed metallic finishes are silver/silver, bronze/gold, black/copper. |
| ADDITIONAL INFO: | Aluminum composite panels are factory finished with different colors front and back or anodized finishes as listed.  Additional colors may be available. |

| | |
|---|---|
| MATERIAL 2: | 1/4" HDPE, SS cable floor to ceiling suspension supports |
| SIZES: | Standard single section 53"(W)x94"(H) 4.75"(d), larger sizes will be split and seamed. |
| COLORS: | Standard colors are white, light grey, charcoal, black. |
| ADDITIONAL INFO: | Additional colors may be available please inquire. |

| | |
|---|---|
| COMPONENTS: | CNC cut aluminum composite panels or HDPE panels, SS cables, panel to panel spacers, joint connector bolts and nuts, all supports and hardware powder coat to match, all hardware necessary for installation included. |

| | |
|---|---|
| INSTALLATION: | Cables attach ceiling to floor, panels are attached with joint connector bolts and nuts. All hardware  and templates necessary for installation included. |



130.00

4.75

196.00
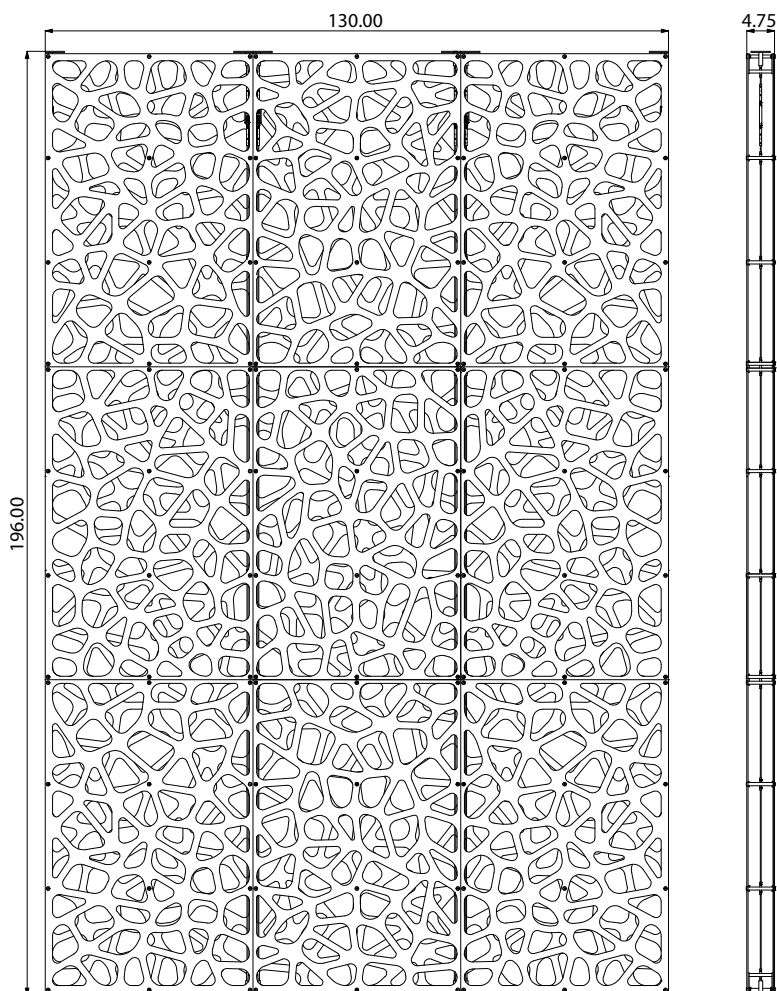
# TELESCOPING POSTS+MODULAR PANELS
## CONSTRUCTOR DOUBLE LAYER SCREEN WITH ADJUSTABLE POSTS



DOUBLE LAYER SCREEN WITH ADJUSTABLE POSTS
Modular panel sections are attached back to back to vertical posts creating a more open partition system for large scale applications.  Modular section sizes are customized for optimal effect.

| | |
|---|---|
| MATERIAL 1: | 1/8" Aluminum composite panels,1x1 telescoping posts with plates at top and bottom, powder coat finish to match. |
| SIZES: | Custom size examples, 23"x23", 36"x36", 46"x46", 46"x94", 46"x118" |
| COLORS: | Standard colors are white gloss/white gloss, black matte/black gloss, red matte/red gloss. |
| ADDITIONAL COLORS: | Anodized brushed metallic finishes are silver/silver, bronze/gold, black/copper. |
| ADDITIONAL INFO: | Aluminum composite panels are factory finished with different colors front and back or anodized finishes as listed.  Additional colors may be available. |

| | |
|---|---|
| MATERIAL 2: | 1/4" PVC panels,1x1 telescoping posts with plates at top and bottom, powder coat finish to match. |
| SIZES: | Custom size examples, 23"x23", 36"x36", 46"x46", 46"x94", 46"x118" |
| COLORS: | Standard colors are white, black, grey, red. |
| ADDITIONAL INFO: | Additional colors may be available please inquire. |

| | |
|---|---|
| COMPONENTS: | CNC cut aluminum composite panels or PVC panels, aluminum support frames in 1" profile, panel  to panel spacers, joint connector bolts, screws and spacers.  All supports and hardware powder coat to match, all hardware necessary for installation included. |

| | |
|---|---|
| INSTALLATION: | Vertical posts are attached to ceiling and floor.  Panels are attached to post and panel to panel. All hardware included. |