MCKENNA & COMPANY

MCKENNA & COMPANY

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TURF

TURF DESIGN

New, Unique + Innovative Acoustic Solutions

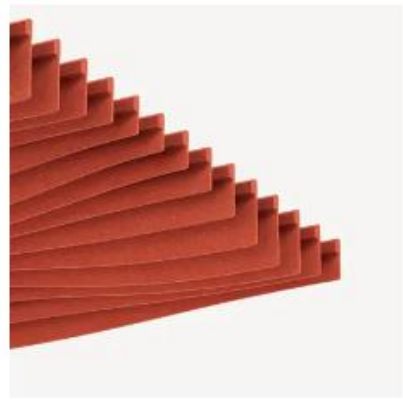
Blade Baffles

Carved

Contour

Ridge

Straight

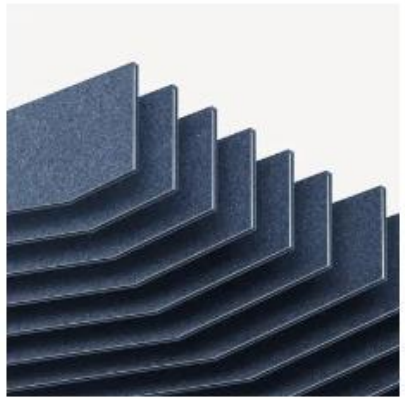


Torrent

Layered Baffles

Datum

Doppelganger

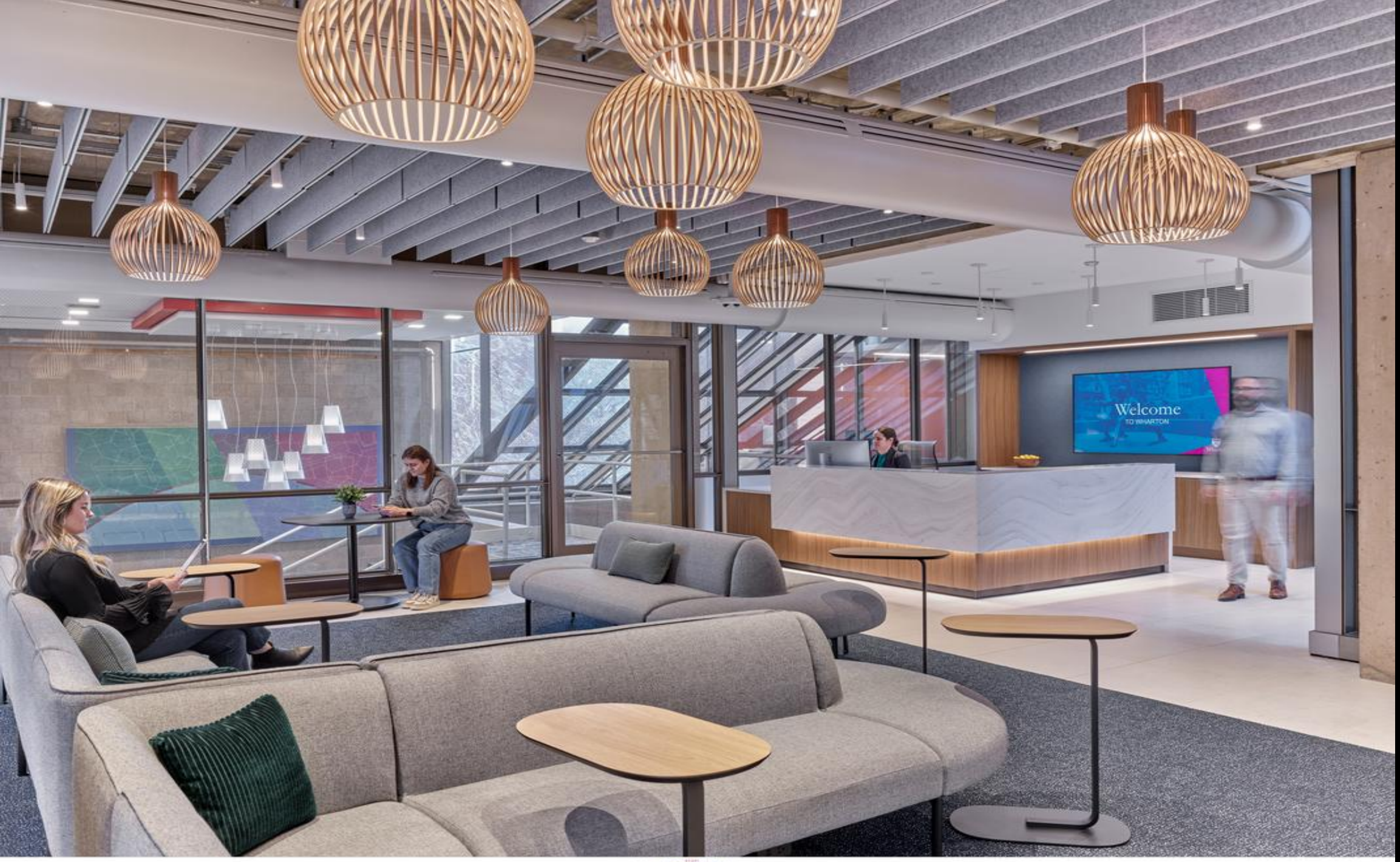


Reveal

Timber

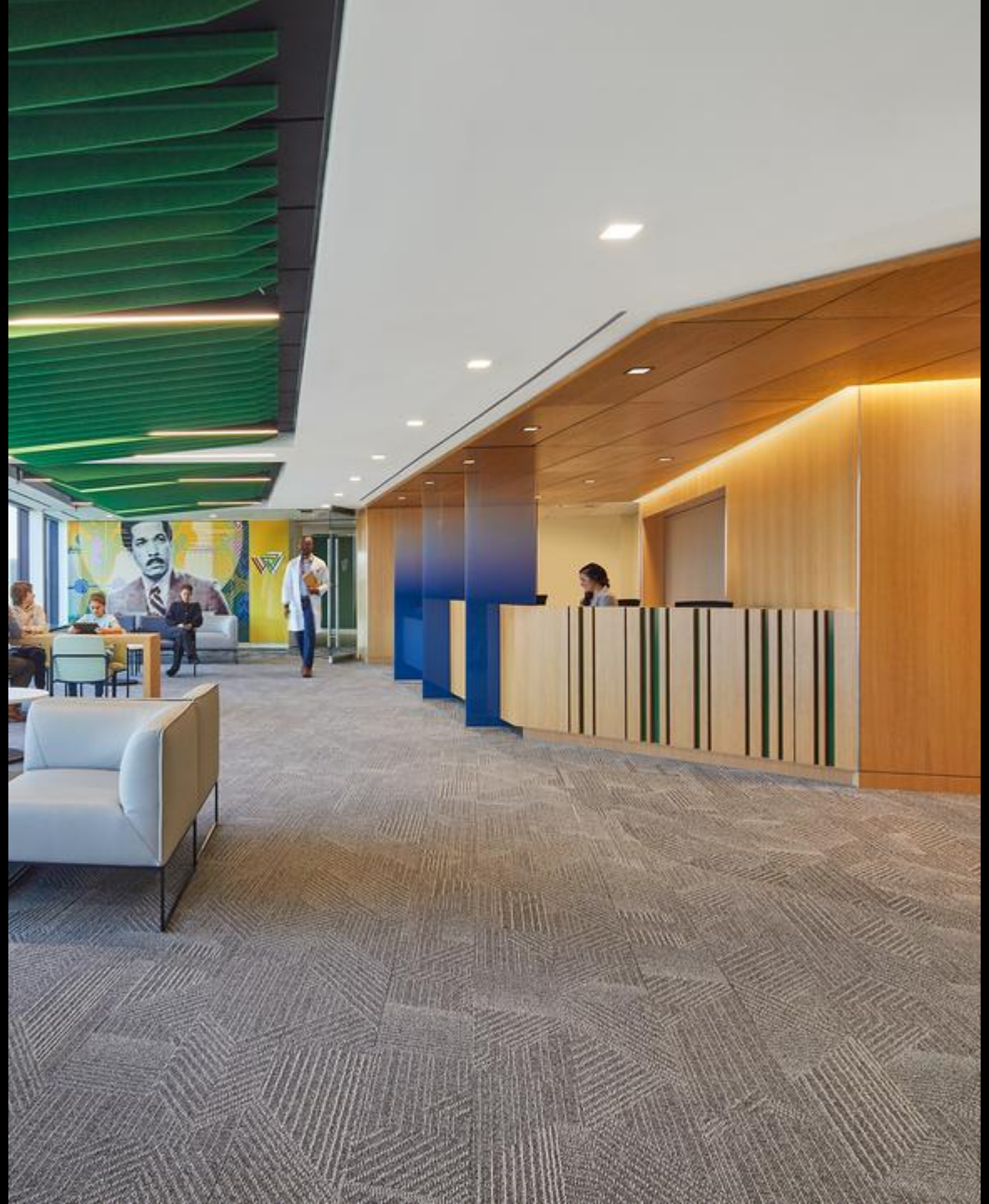
BLADE & LAYERED BAFFLES Ceiling

Doppelganger Baffles



Reveal Baffles

Contour Baffles



Ridge Baffles

DIMENSIONAL BAFFLES Ceiling

Dimensional Baffles

Block

Beam

Boom Stick

Drop

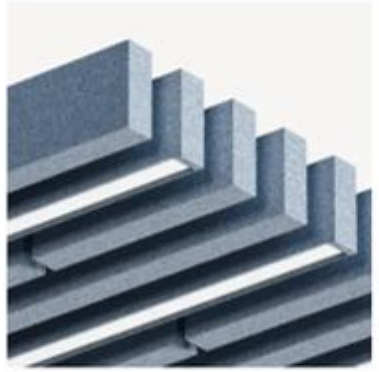
Freeform

Slab

Warp

Wedge

Lighting



Beam LED

Slab LED

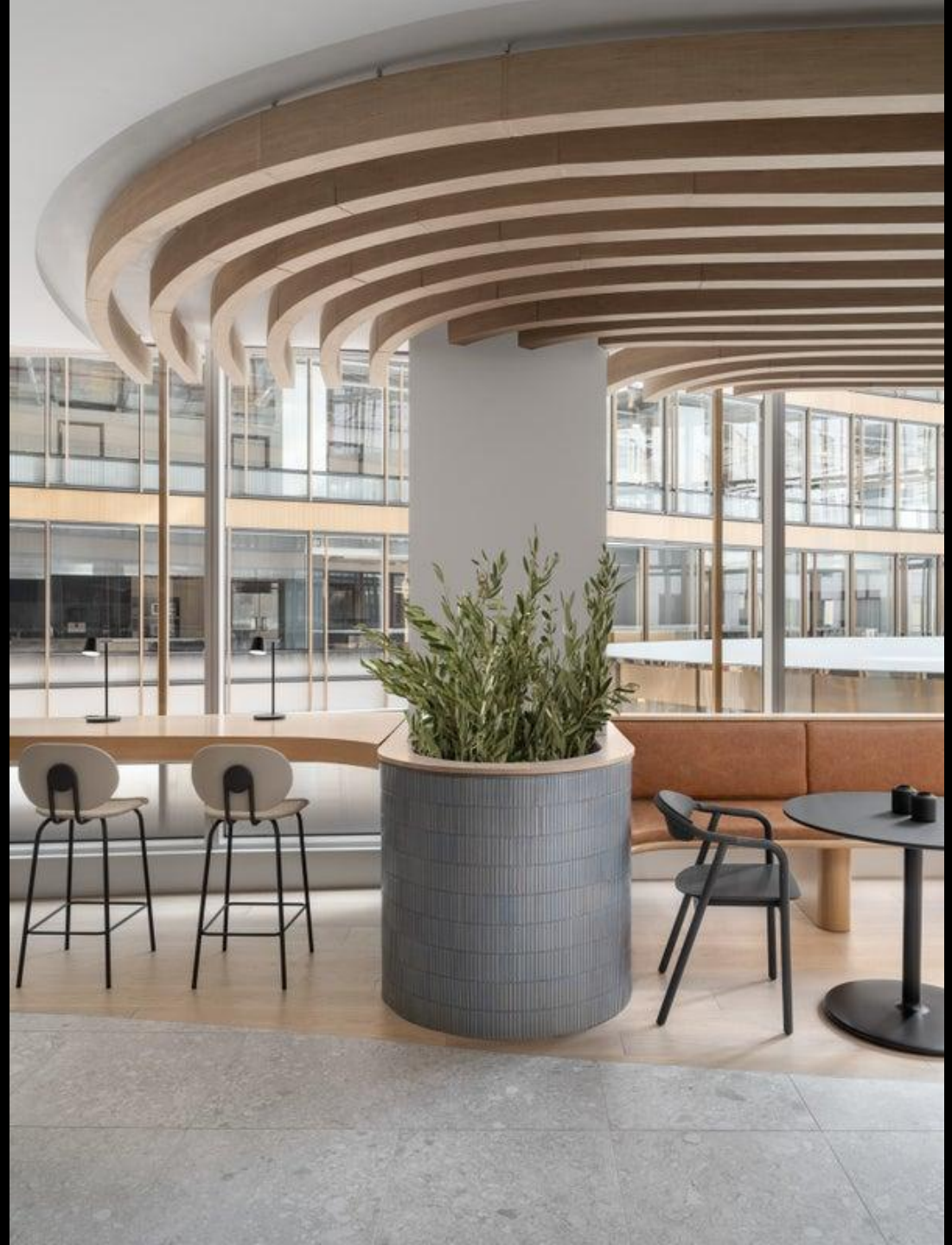
Drop Baffles

Block & FreeformBaffles

Block & FreeformBaffles

BeamBaffles

FreeformBaffles



FreeformBaffles

Freeform Baffles

Freeform Baffles

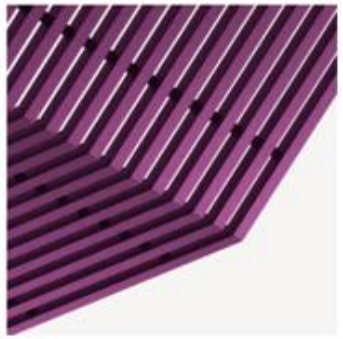
Slab Baffles & Block Custom Wall

Custom SlabBaffles

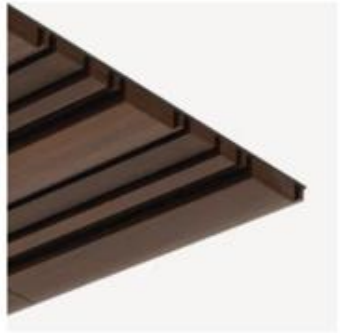
Beam + Beam LED Baffles

Drop Baffles

Scapes



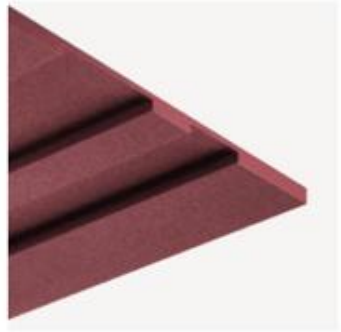
Arbor



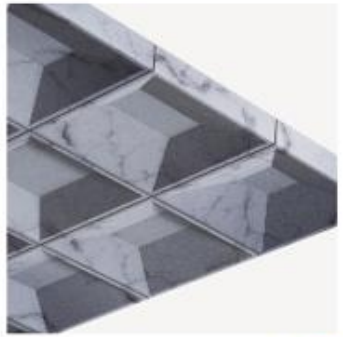
Barcode

Grille

Linear



Metro

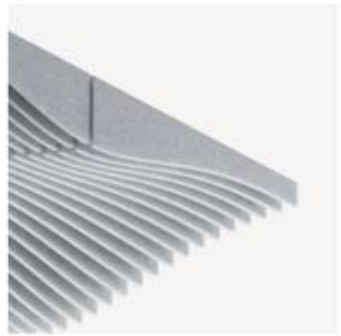


Pantheon

Plaid

Slice

Step



Swell

Switchblade

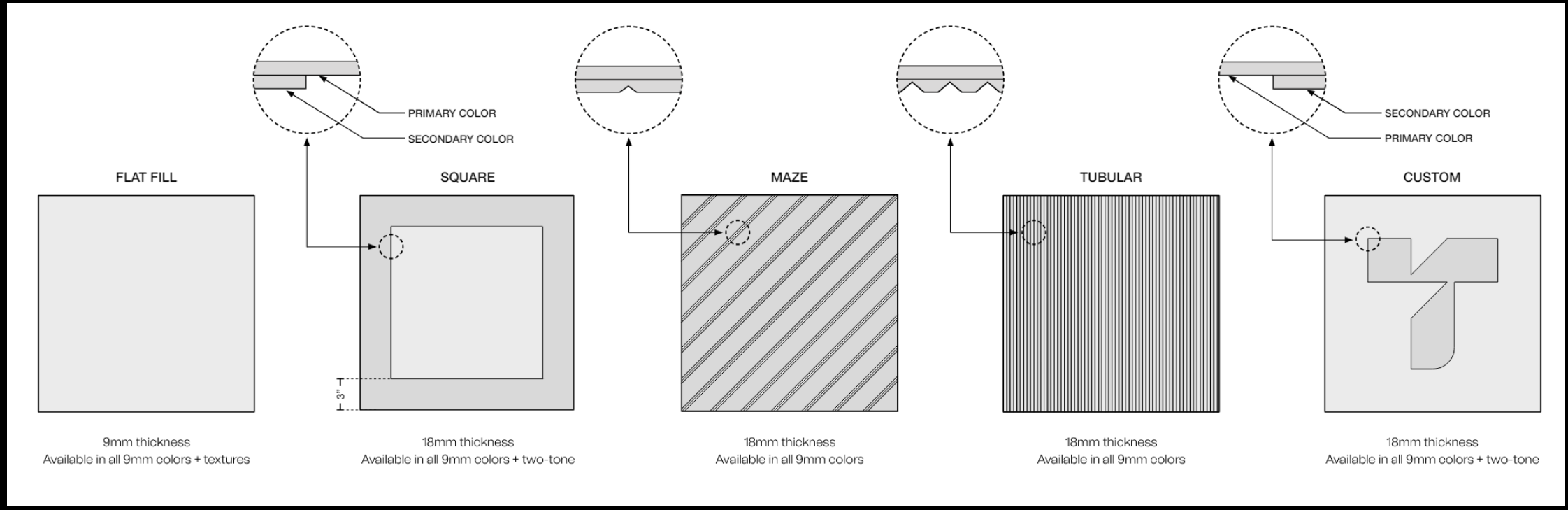
SCAPES Ceiling

Plaid Ceiling Scape

Plaid Ceiling Scape

Plaid Ceiling Scape

Plaid Ceiling Scape



PANTHEON Ceiling Scape

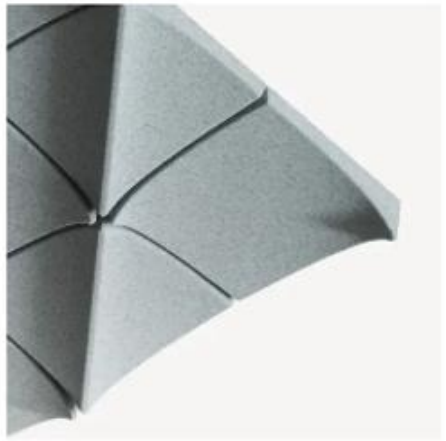
STEP Ceiling Scape

GRILLE Wall & Ceiling Scape

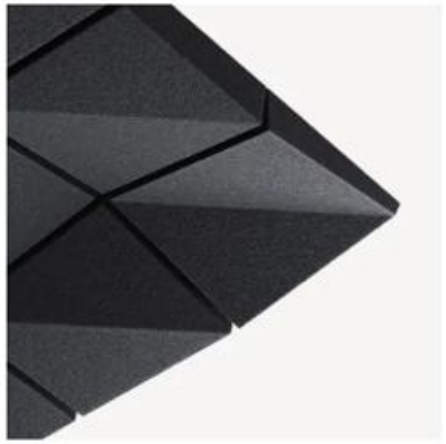
Metro Ceiling Scape

FORMED TILES Ceiling

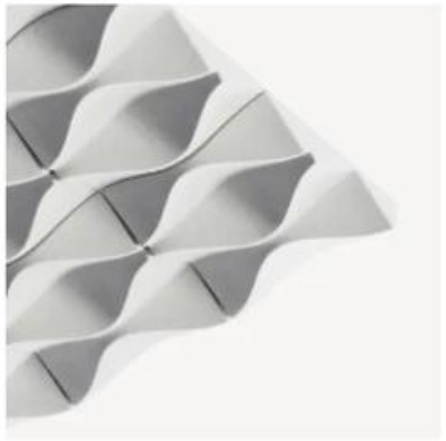
Formed Tiles



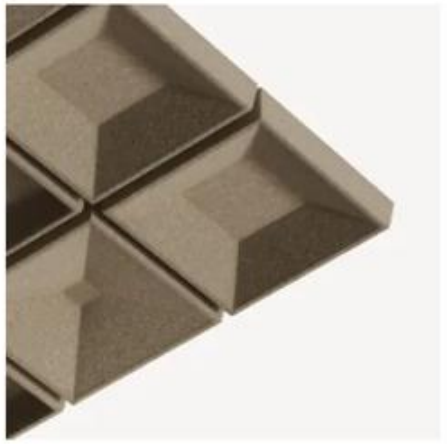
Arcade



Crease

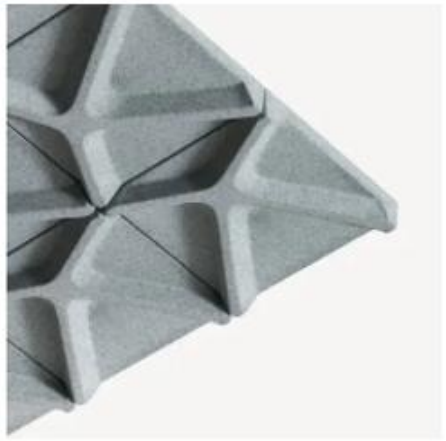


Mesh

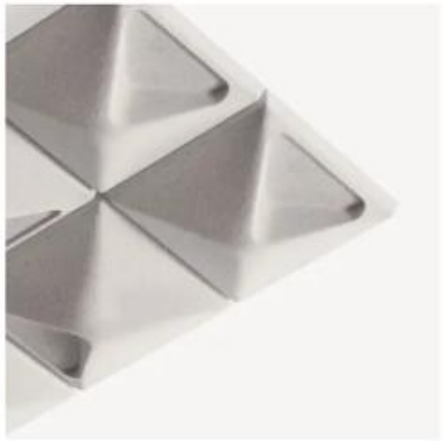


Port

Urban



Voronoi



Pyramid

Port Tiles

Port Tiles

ARCADE Ceiling Tile

ARCADE Ceiling Tile

Voronoi Tiles

WALL PRODUCTS

Dimensional Tiles

Hex

Intersect

Flat Tiles

Amoeba

Hive

Plank

Slash

Tangram

Layered Tiles

Delta

Fracture

Labyrinth

Maze

Petal

Scapes

Acre

Barcode Wall

Grille Wall

Groove

Linear Wall

Peak

Reed

Slat

Torrent Tile

Tubular

Wave

Graphic Wall

Scanlines

REED Wall Scape

SLAT Wall Scape

TURFWall Scape

BARCELONA Wall Scape

MONOLITH Wall Scape

CARRARA Wall Scape

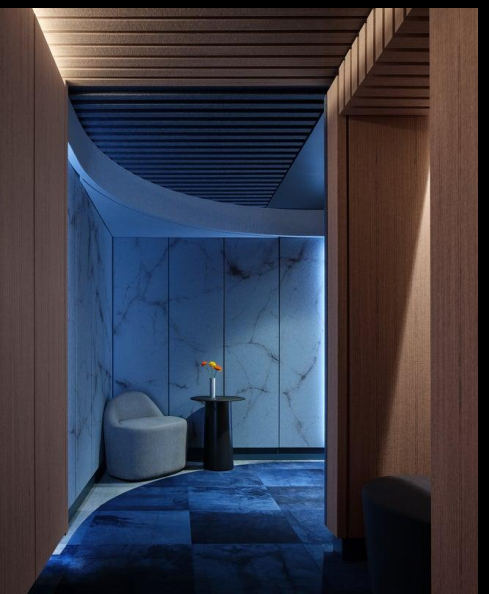
PLANK Wall in Granite

MCKENNA & COMPANY

TURF

TURF DESIGN EXPERIENCE CENTER

The Merchandise Mart | Chicago, IL



TURF DESIGN Experience Center

TURF DESIGN Experience Center

TURF DESIGN Experience Center

TURF DESIGN Experience Center

TURF DESIGN Experience Center

TURF Colors

10 Topo Green
12 Grasshopper
11 Celadon
63 Safflower
64 Plantain
43 Orange Crush

18 Ultisol
17 Blush
23 Red
15 Merlot
50 Ivory
33 Luminary

83 Holland Oats
82 Barley
34 Tonal Taupe
35 Bark
28 Indigo
30 Cyan

24 Royal Blue
31 Azure
27 Jean Jacket
26 Faded Denim
40 Magenta
41 Dried Lavender

66 Pewter
05 White
01 Cream
04 Light Grey
98 Storm
09 Damascus

06 Charcoal
07 Black

D01 WHITE ASH

D02 SILVER TEAK

D03 CLEAR MAPLE

D04 WASHED ASH

D05 MEDIUM OAK

D06 PLANKED OAK

D07 DARK WALNUT

D08 BLACK PEAR

TURF Wood Grains

Rift Cut

WT05 Rift

WT50 Rift

WT66 RIFT

WT04 Rift

WT09 Rift

WT98 Rift

WT06 Rift

WT07 Rift

WT01 Rift

WT82 Rift

WT83 Rift

WT34 Rift

WT35 Rift

WT15 Rift

WT23 Rift

WT18 Rift

WT43 Rift

WT17 Rift

WT33 Rift

WT64 Rift

WT63 Rift

WT11 Rift

WT12 Rift

WT10 Rift

WT28 Rift

WT30 Rift

WT24 Rift

WT31 Rift

WT27 Rift

WT26 Rift

WT40 Rift

WT41 Rift

TURF Textures

Flat Cut

WT05 Flat

WT50 Flat

WT66 Flat

WT04 Flat

WT09 Flat

WT98 Flat

WT06 Flat

WT07 Flat

WT01 Flat

WT82 Flat

WT83 Flat

WT34 Flat

WT35 Flat

WT15 Flat

WT23 Flat

WT18 Flat

WT43 Flat

WT17 Flat

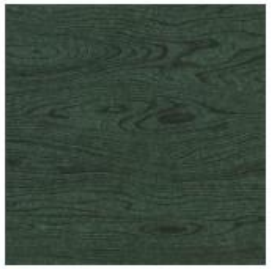
WT33 Flat

WT64 Flat

WT63 Flat

WT11 Flat

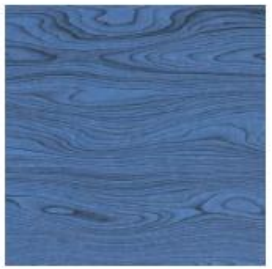
WT12 Flat


WT10 Flat

WT28 Flat

WT30 Flat

WT24 Flat


WT31 Flat

WT27 Flat

WT26 Flat

WT40 Flat

WT41 Flat

Rotary Cut

WT05 Rotary

WT50 Rotary

WT66 Rotary

WT04 Rotary

WT09 Rotary

WT98 Rotary

WT06 Rotary

WT07 Rotary

WT01 Rotary

WT82 Rotary

WT83 Rotary

WT34 Rotary

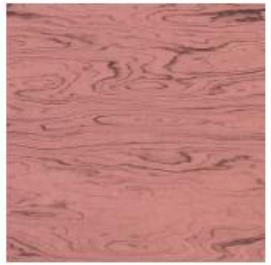
WT35 Rotary

WT15 Rotary

WT23 Rotary

WT18 Rotary

WT43 Rotary

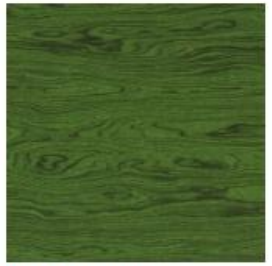

WT17 Rotary

WT33 Rotary

WT64 Rotary

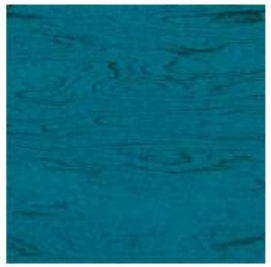
WT63 Rotary

WT11 Rotary


WT12 Rotary

WT10 Rotary

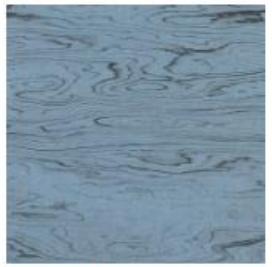
WT28 Rotary


WT30 Rotary

WT24 Rotary

WT31 Rotary

WT27 Rotary


WT26 Rotary

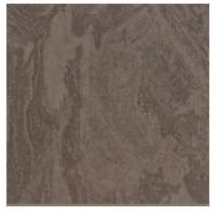
WT40 Rotary

WT41 Rotary

TURF Stone Textures

GRANITE

ST17 Granite

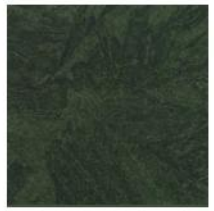

ST34 Granite

ST11 Granite

ST63 Granite

ST18 Granite

ST35 Granite


ST10 Granite

ST28 Granite

ST15 Granite

ST41 Granite

ST40 Granite

MARBLE

ST05 Marble

ST01 Marble

ST33 Marble

ST64 Marble

ST50 Marble

ST83 Marble

ST66 Marble

ST26 Marble

TRAVERTINE

ST05 Travertine

ST01 Travertine

ST50 Travertine

ST64 Travertine

ST17 Travertine

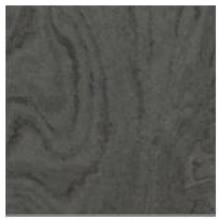
ST83 Travertine

ST66 Travertine

ST63 Travertine

ST18 Travertine

ST34 Travertine


ST11 Travertine

ST26 Travertine

CERTIFICATIONS

Acoustics: ASTM C 423

Fire Rating: UL tested ASTM E-84: Class A

VOC: UL tested ASTM D 5116 Compliant

Declare. LBC Compliant

Red List Free

WELL

U.S. GREEN BUILDING COUNCIL MEMBER

INTERTEK SUSTAINABILITY

COMPLIANT · COMPLIANT REACH

60% Recycled
100% Recyclable

Beautiful & Responsible

MCKENNA & COMPANY

ANDALUSIA

HIGH DESIGN MEETS DIGITAL FABRICATION™

ANDALUSIA

Andalusia Design is a specialty ceilings and walls manufacturer based in Austin, Texas.

We combine parametric design with digital fabrication to deliver high-design systems with unparalleled flexibility, speed and efficiency.

Utilizing three flexible and integrated systems including slat walls, perforated metal, and etched panels, combined with a variety of materials such as plywood, MDF, aluminum, steel, PET felt, moss, and lighting, virtually any design idea can be realized.

© Andalusia Design – 2025

Three Systems

Ceilings and Walls

Contour Slats™

Plywood or MDF slats anchored into a back board and intelligently keyed for easy installation

Perforate™

Laser-cut steel and aluminum panels anchored from standard ceiling grid or Unistrut, or to the wall with hanging rails. Hardware provided by Andalusia

Etch™

MDF panels carved with CNC machine, typically painted with optional inlay of additional materials.

NOTE: Patterns and designs can be used across systems for greater design continuity.

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Materials and Finishes

Contour Slats™

Plywood
MDF

→ Stained or Painted

Etch™

MDF

→ Painted

Perforate™

Steel
Aluminum

→ Powder coat
Dye sublimation
(including exterior grade)

Extras (available on all systems)

PET Felt
Moss
Acrylic
Metal

Integral lighting
Customer's Own Material

© Andalusia Design – 2025

Contour Slats™

Ceiling, Wall & Space Divider Systems

Plywood

Optional edge band

Stain or natural

MDF

Painted or raw/clear coat

Contour slats are individually keyed to specific locations on the back board, ensuring precise and easy installation

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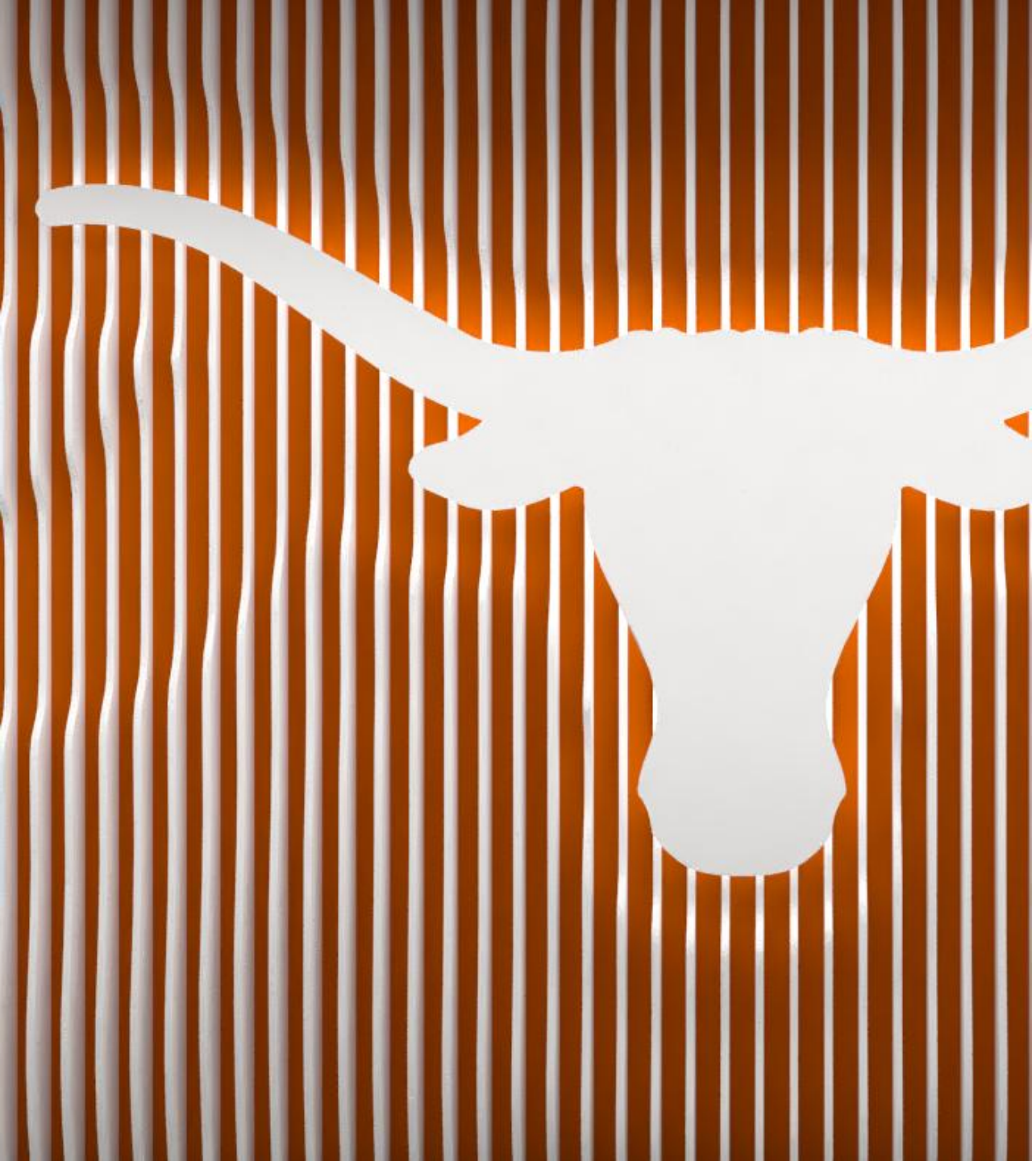


Contour Slats™

Integral Solutions

PET Felt

Precision-cut signage

Integral lighting solutions

Customer's own materials

© Andalusia Design – 2025

Perforate™

Ceiling & wall systems with integral lighting option

Ceiling systems can be suspended from standard grid or Unistrut

Wall systems are hung on rails provided by Andalusia with simple drop-in installation

© Andalusia Design – 2025

Perforate™

Integral Solutions

Steel or aluminum

Powder coat

Dye sublimation printing

Integral lighting solutions

PET felt or acrylic back

© Andalusia Design – 2025

Etch™

Integrated wall panels

Painted MDF with:

PET Felt
Moss
Acrylic
Metal
Lighting
COM

Etch designs can be standard or easily created to incorporate logos, branding, custom patterns or materials

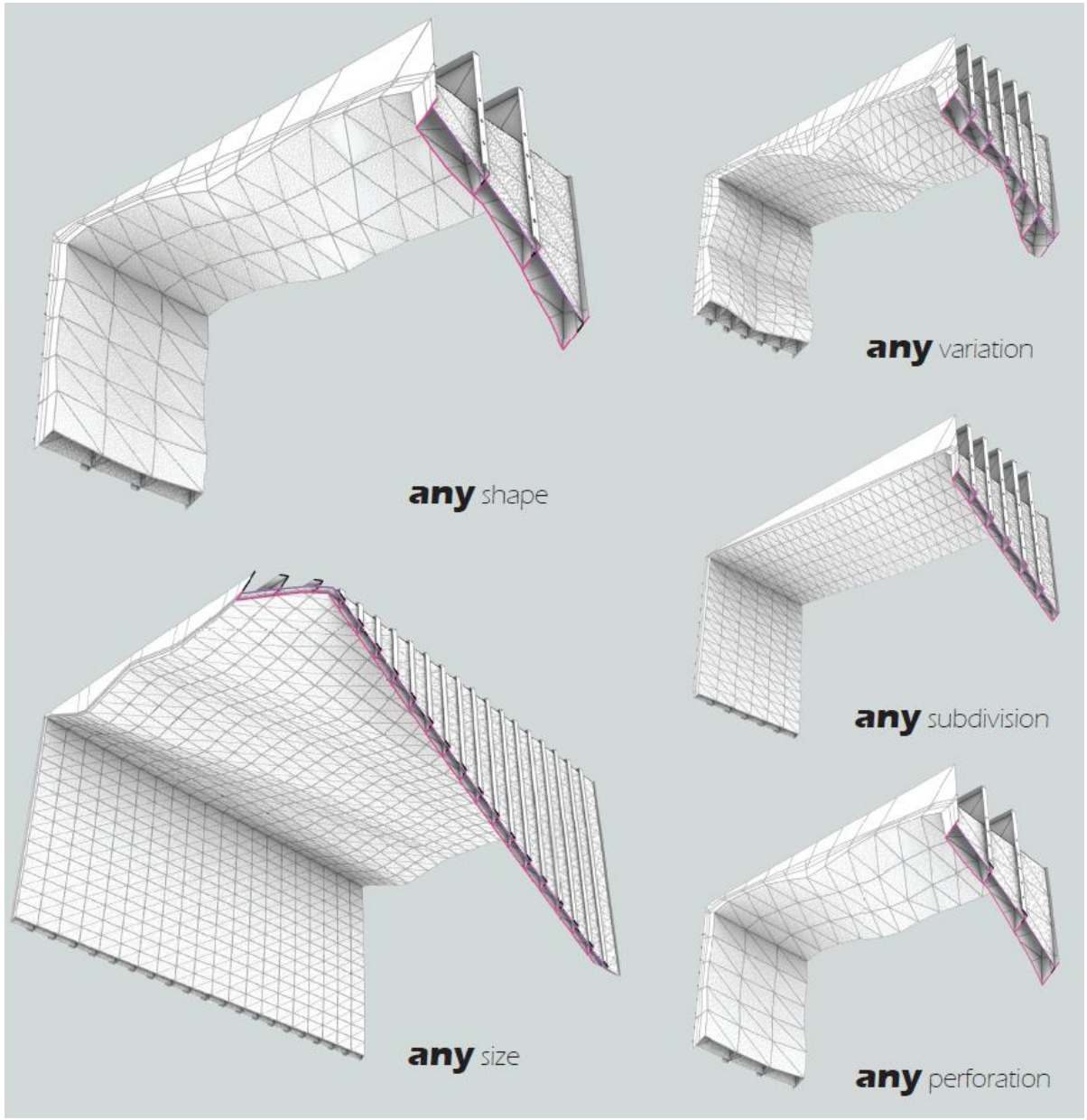
© Andalusia Design – 2025

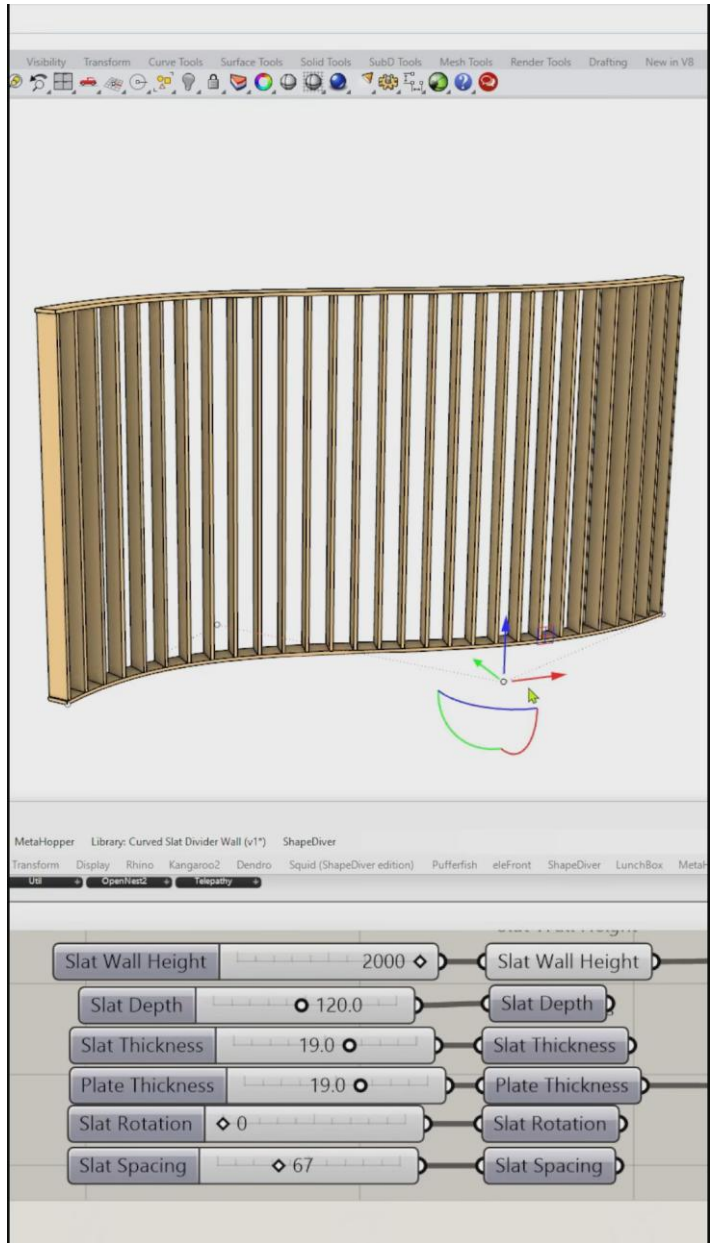
Your own combination

Integrated wall and ceiling system with slats, perforated metal, and integral lighting.

© Andalusia Design – 2025

WHY USE PARAMETRIC DESIGN?





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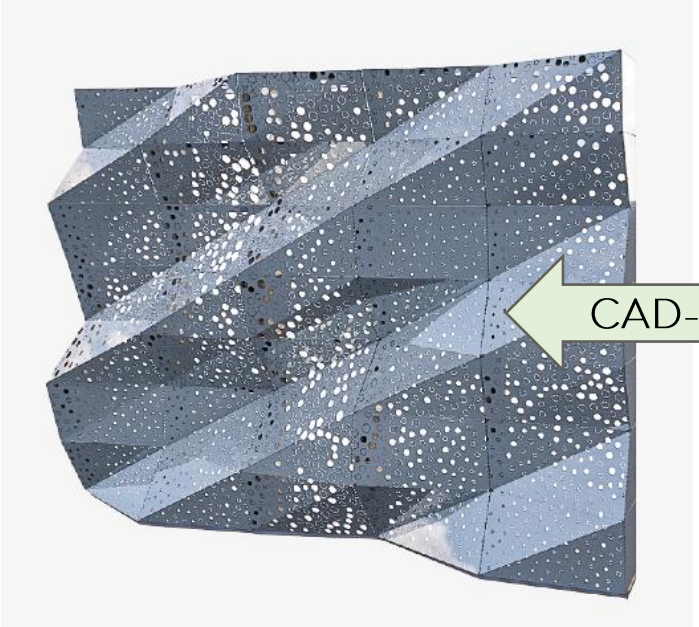
PARAMETRIC DESIGN + DIGITAL FABRICATION

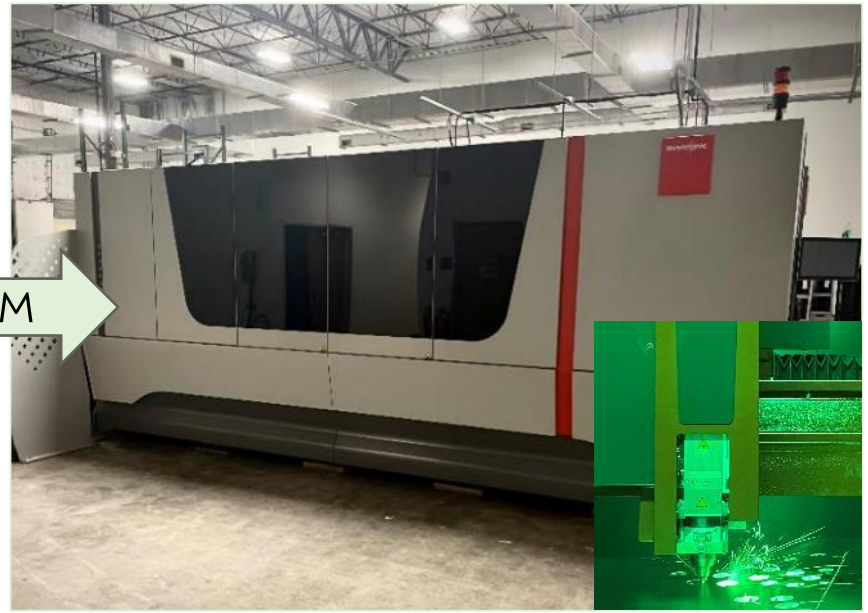
CAD and CAM now can talk to each other!

Traditional fabrication methods require design drawings to be translated and drawn over again in a language that a machine understands (CAM). This can significantly affect schedule and design intent.

Integrated parametric design ensures that what you design can be built, and means your designs are able to be fed directly into the machine with no loss in time or modifications to design.



CAD-to-CAM



Parameters may include: material quality (hardness, thickness, bendability, sheet size), the tools needed to machine and finish material, maximum size of finished product (ie, can it fit in a truck or elevator), attachments, design constraints (how to elements fit within design and react to other elements), etc.

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The marriage of parametric design and digital fabrication reduces barriers to creativity and allows for:

- Greater design flexibility
- Tighter fabrication tolerance
- Fewer billable hours spent
- Reduced time reinterpreting design or misinterpretation of intent
- Fast fabrication (4-6 weeks)
- Lower costs

Branded Environments

Feature Walls

Ceiling Systems

Wall to Ceiling

Wall to Ceiling

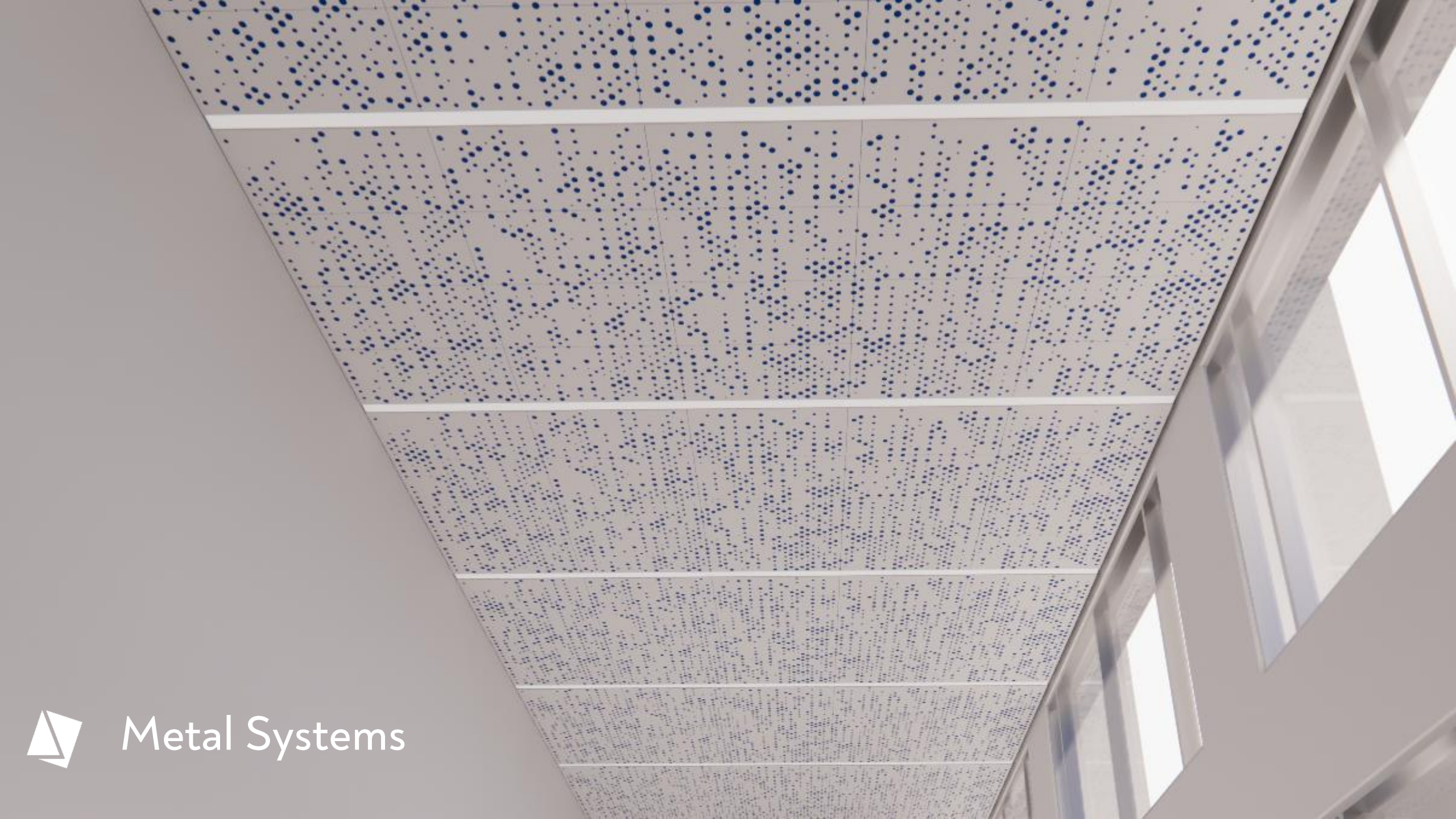
Space Dividers

Space Dividers

Integrated Lighting

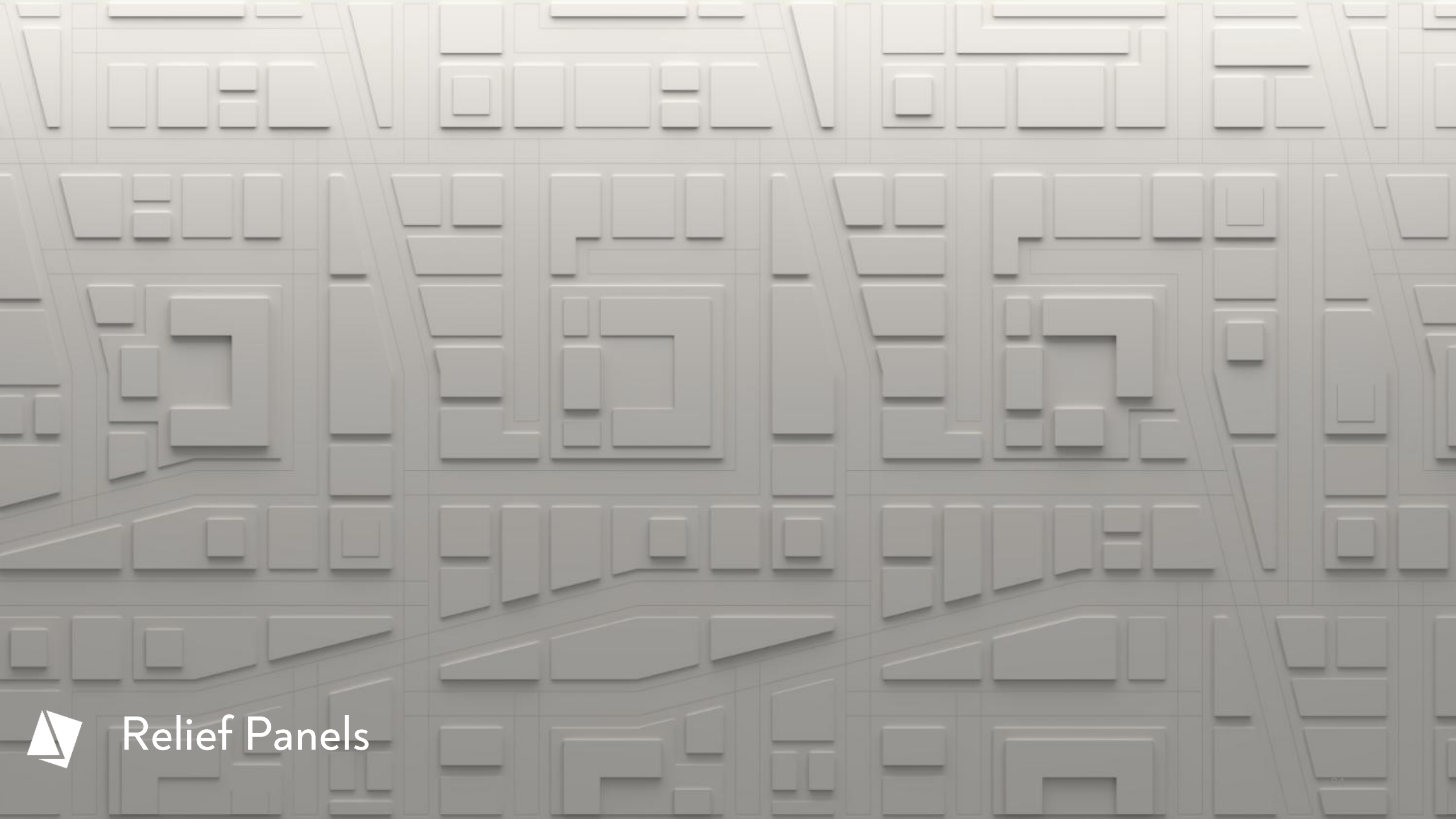
Integrated Lighting

Integrated Lighting

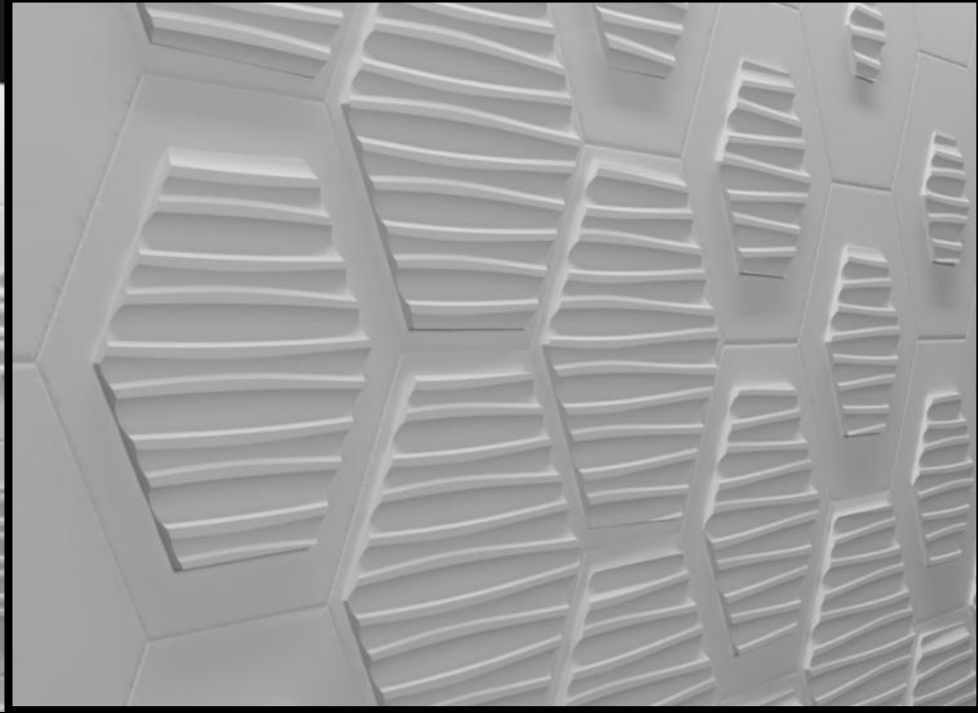


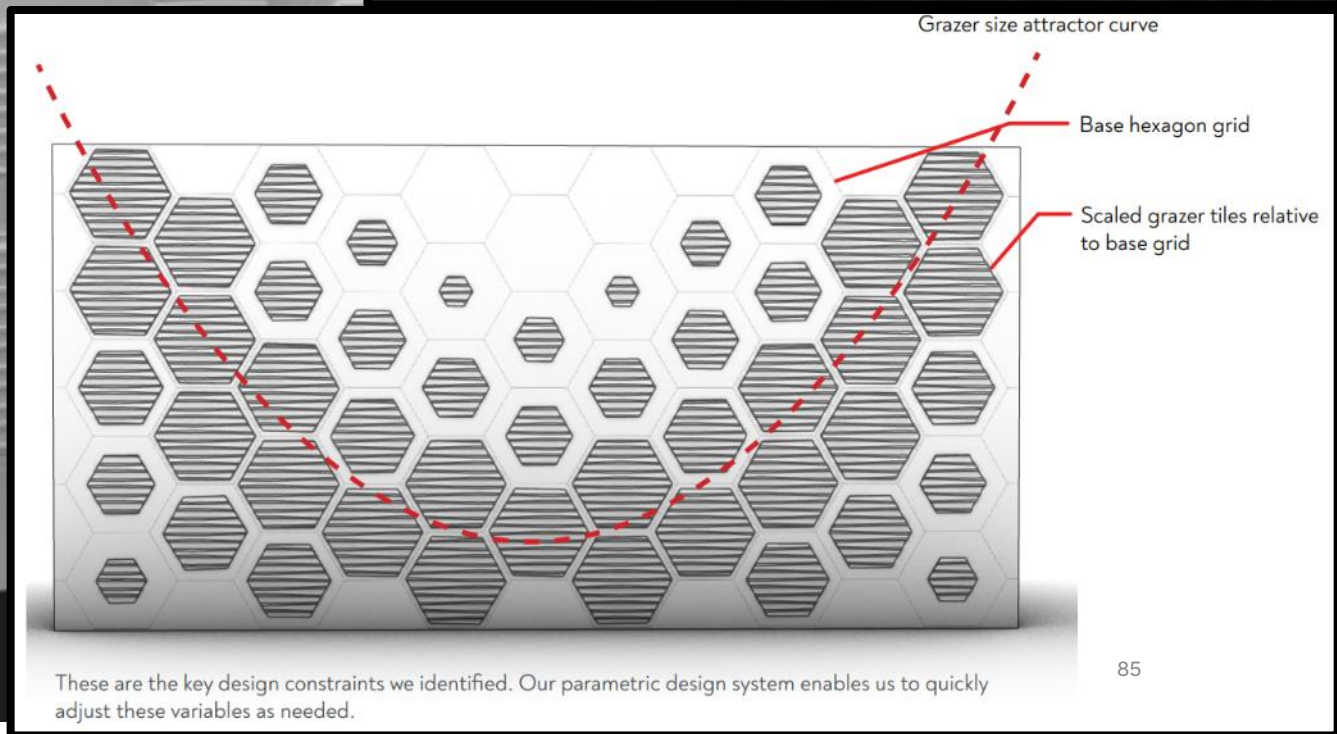
Metal Systems

Wood Etch Panels

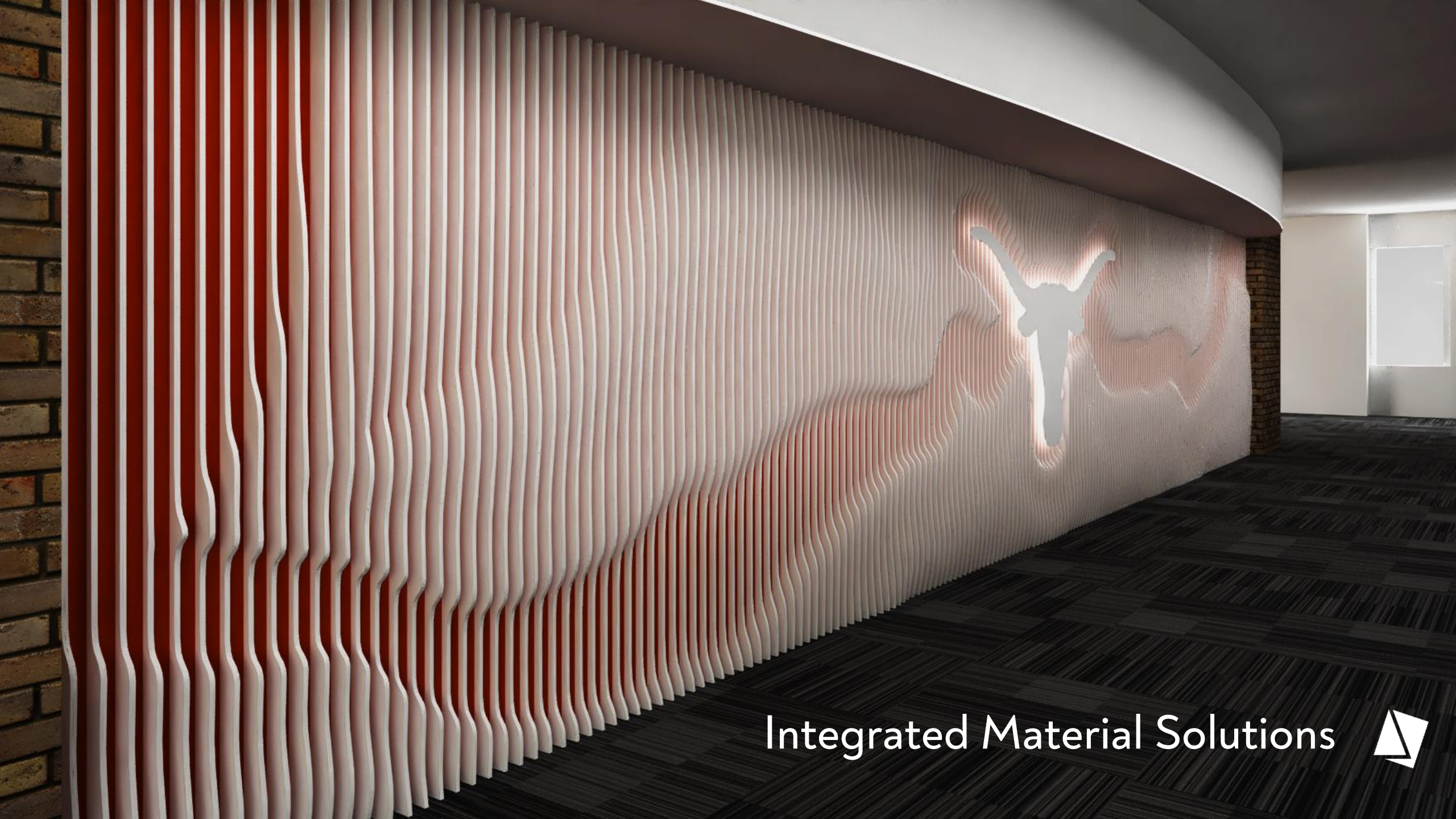

Relief Panels

Responsive Relief





These are the key design constraints we identified. Our parametric design system enables us to quickly adjust these variables as needed.


Integrated Material Solutions

Customer's Own Materials

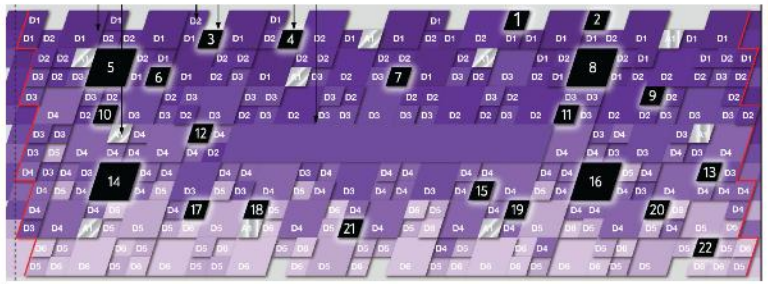
INSTALLATION INSTRUCTIONS

Note: You may refer to this legend for tile placement in subsequent steps. All positions are also marked in **black** sharpie on the back panels. The "D" keys refer to the tile color. Each "D" plaque will have a Small, Large, and Illuminated variety. Each tile key and size will be packaged together. Keep them in their original packaged groups for easy access and identification. Illuminated tiles have a unique position on the legend. Match the written number on the back of the tile to the black numbered positions below and to the locations marked in **blue** sharpie on the back panel.

Overall Tile Quantity (From Imagery)

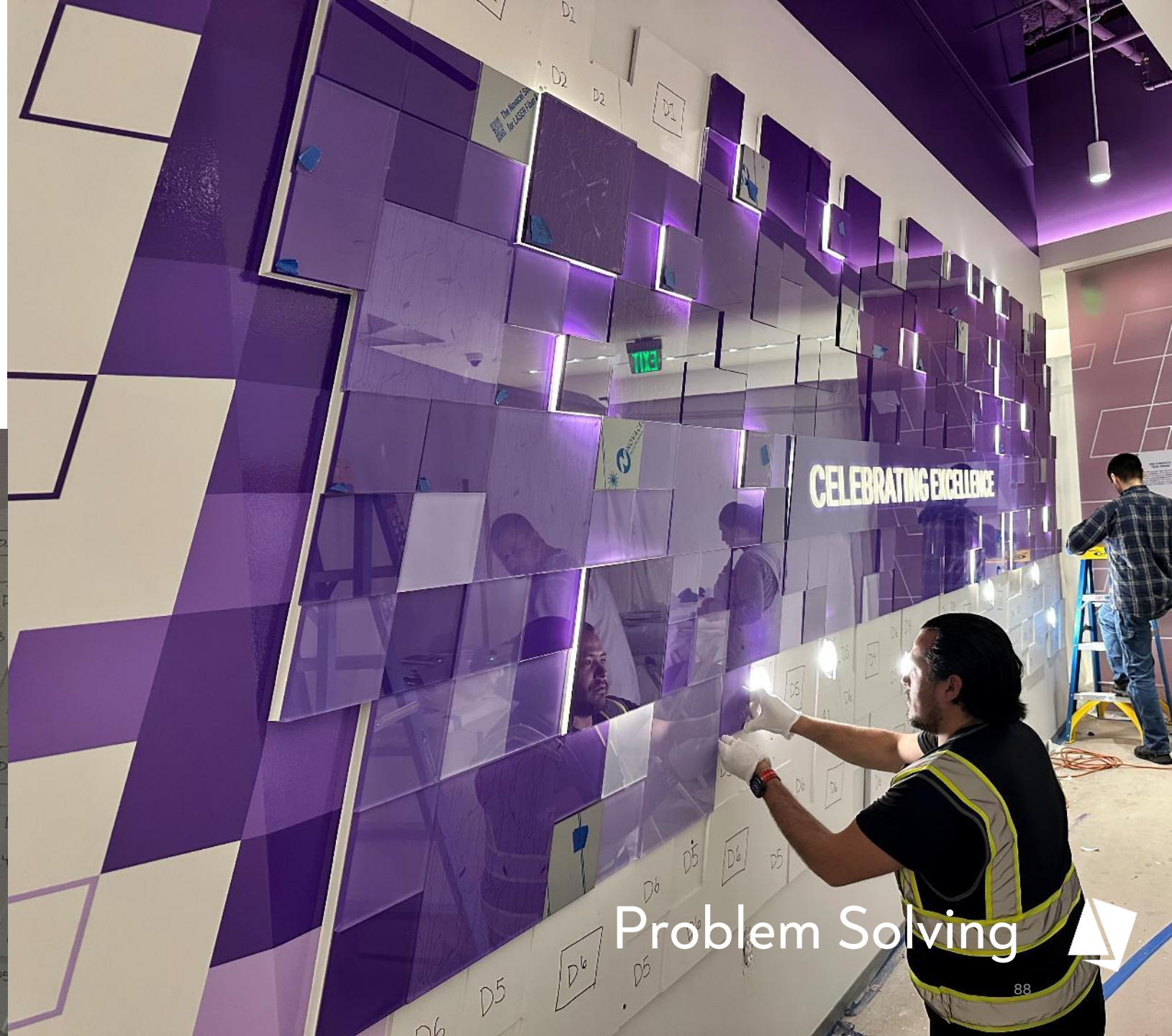
	Small Quantity	Large Quantity	Illuminated	Total
D1	21	10	2	31
D2	45	10	5	55
D3	45	10	6	55
D4	48	14	3	62
D5	38	6	4	44
D6	25	6	1	31
A1	11	0	1	11

Small Quantity + Large Quantity = Total
Illuminated tiles included in small/large counts



Illuminated Tile Numbering

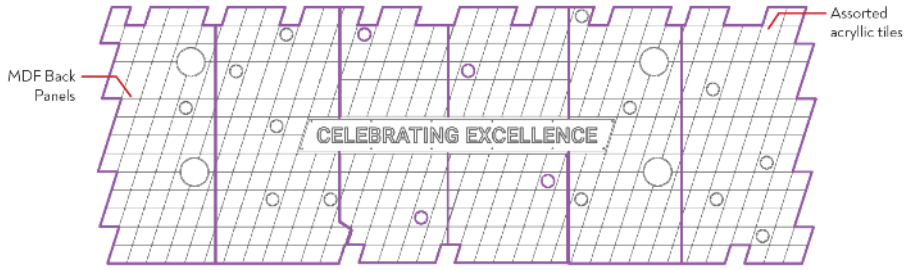
Normal Tile Numbering



Problem Solving

INSTALLATION INSTRUCTIONS

SYNOPSYS MILESTONE WALL

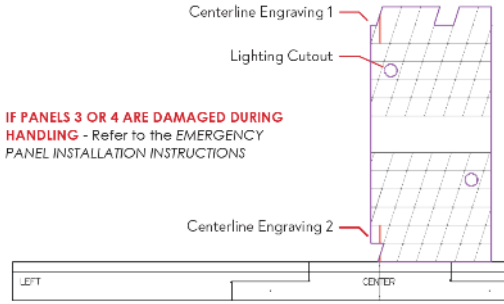


Note: The MDF panels backing the center sign are fragile due to thin sections. Handle with care while handling and mounting.

INSTALLATION INSTRUCTIONS

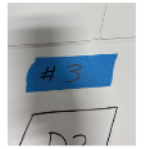
3. Position the Panel Alignment Rails on the wall at the desired installation height. Align the engraved centerline of the rails to the desired wall centerline. The rail centerline will later match up with Centerline Engraving 2 of Panel 4. Once placement is confirmed, secure the rails to the wall. Andalusia does not make official recommendations for rail mounting or hardware. The installer is responsible for ensuring a secure connection and proper leveling.

4. Position Panel 4 on the wall, aligning Centerline Engraving 2 with the corresponding mark on the Panel Alignment Rail.



IF PANELS 3 OR 4 ARE DAMAGED DURING HANDLING - Refer to the *EMERGENCY PANEL INSTALLATION INSTRUCTIONS*

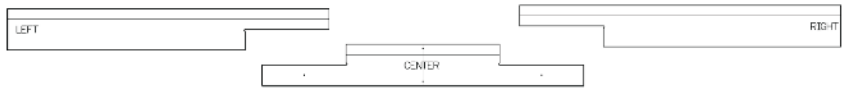
Centerline Engraving 2



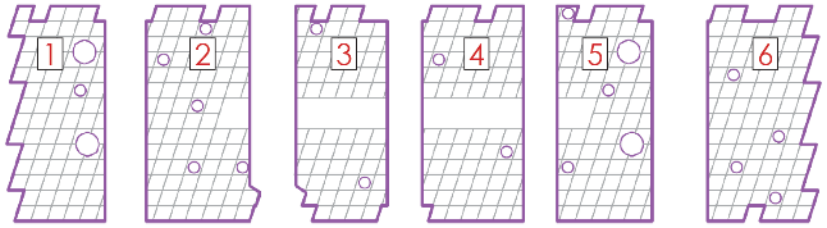
Panel Labels

INSTALLATION INSTRUCTIONS

Steps:
1. Identify the Panel Alignment Rails (3). These will be temporarily fastened to the wall and used to align and mount the MDF back panels, before being removed again from the wall.



2. Refer to the purple outlines in the diagram below to identify and orient each panel. Each panel will also be labeled with blue painter's tape. Sections 2-5 contain thin, delicate areas where the sign will be installed—handle these with care.



INSTALLATION INSTRUCTIONS

Note: You may refer to this legend for tile placement in subsequent steps. All positions are also marked in **black** sharpie on the back panels. The "D" keys refer to the tile color. Each "D" plaque will have a Small, Large, and Illuminated variety. Each tile key and size will be packaged together. Keep them in their original packaged groups for easy access and identification. Illuminated tiles have a unique position on the legend. Match the written number on the back of the tile to the black numbered positions below and to the locations marked in **blue** sharpie on the back panel.

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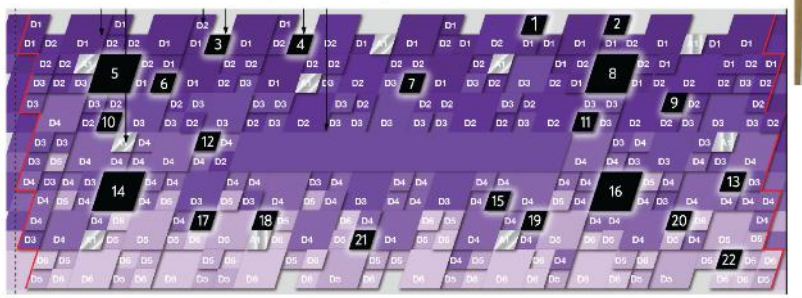


Illuminated Tile Numbering

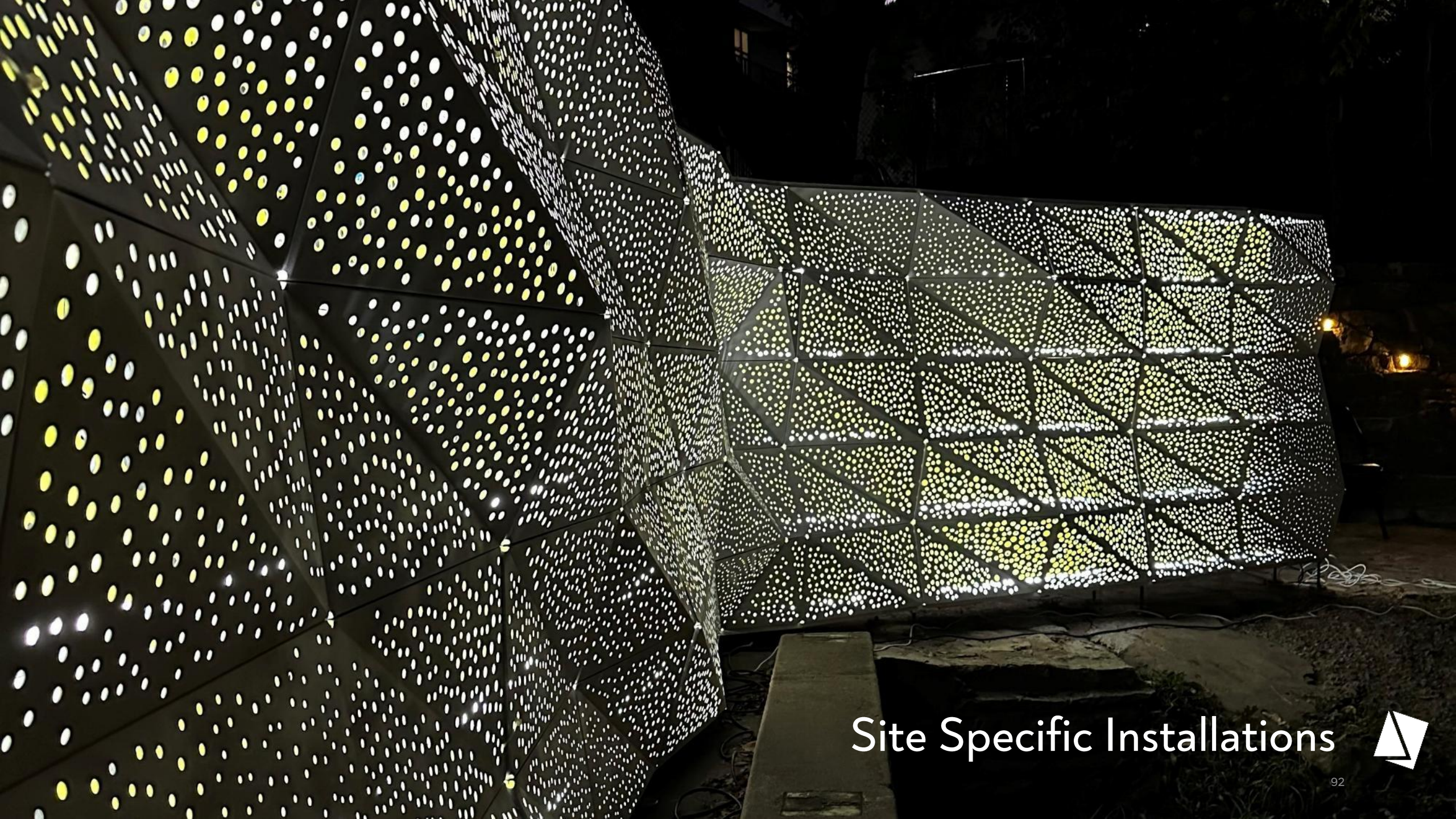
Normal Tile Numbering

Detailed Installation Guides

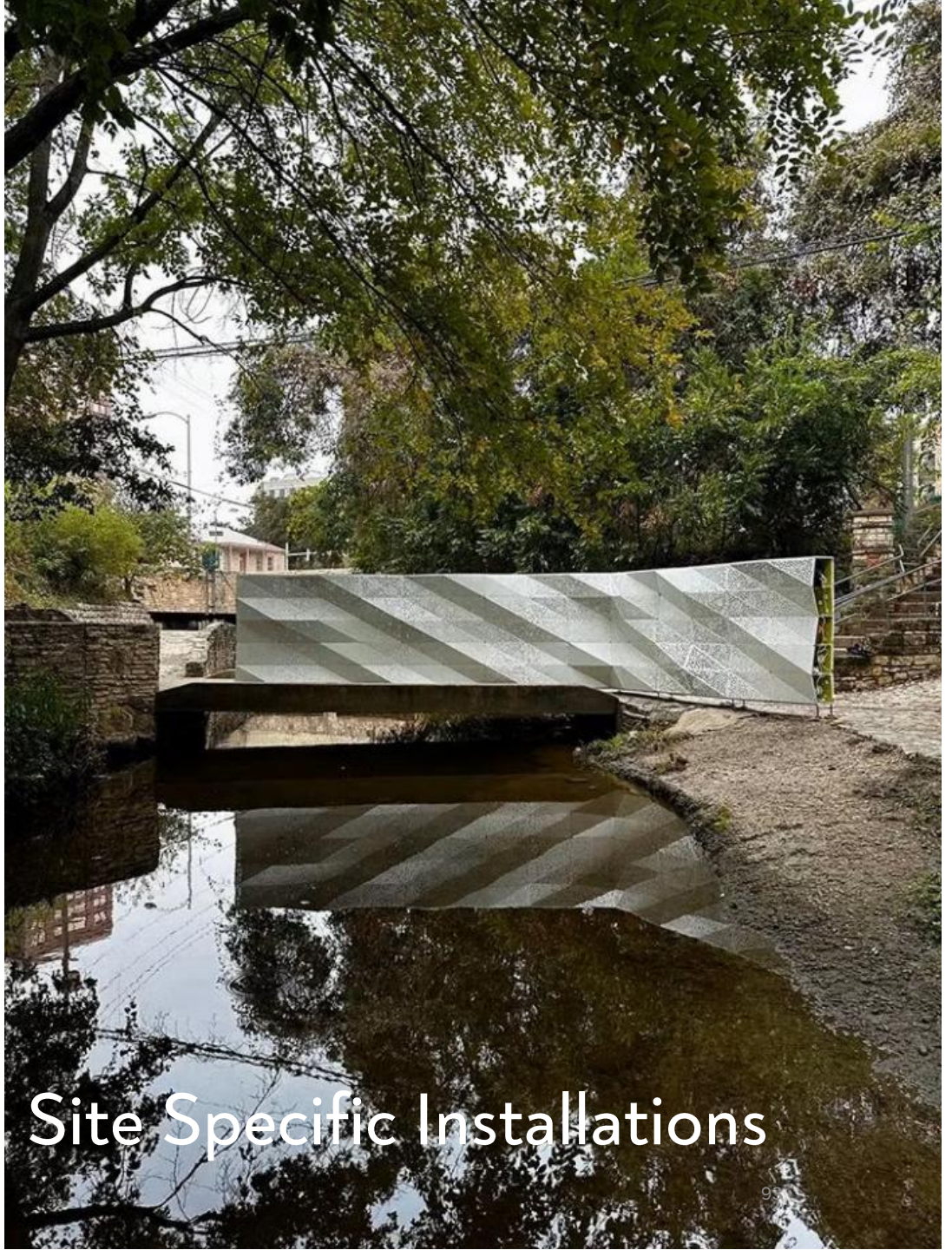
Responsive Designs

All products are intelligently keyed and numbered for ease of installation

Intelligent Installation



Site Specific Installations



Site Specific Installations

Working with us

DESIGN PHASES

Services and Outputs:

- Collaborative and iterative design development, starting as early as concept design
- 3D parametric model development; ability to collaborate in Rhino and Revit or output to any standard CAD platform
- Renderings in Enscape, VRay
- Real-time pricing information during design iterations and design-for-budget / VE support
- Thorough product design proposals
- Physical material samples and color swatches
- Custom samples to demonstrate form / function of unique designs

  Assistance with client-facing presentations, as desired

POST-DESIGN / SPEC SUPPORT

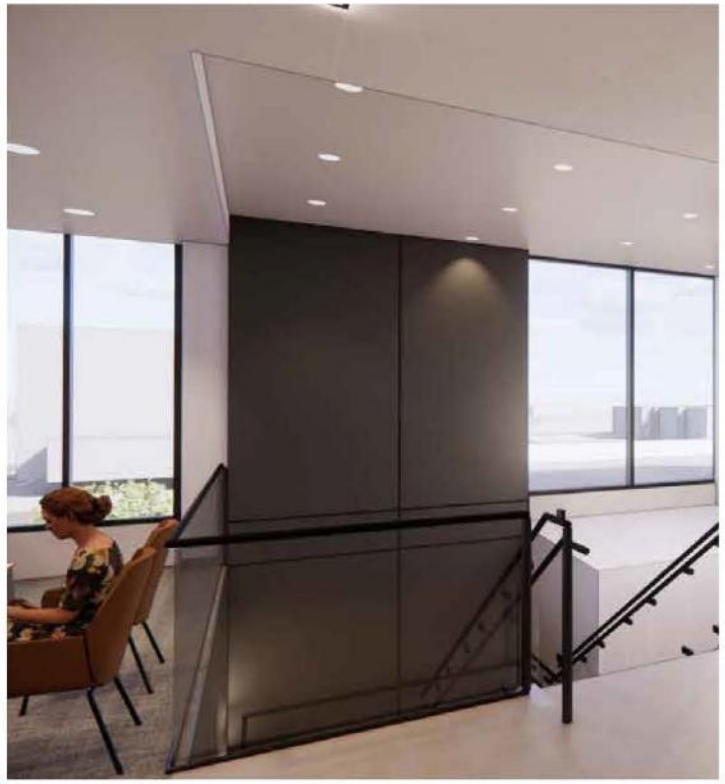
Services and Outputs:

- Technical drawings – elevations, sections, details
- CSI MasterSpec document
- Comprehensive dimensions, thickness, weight information
- Final digital 3D model
- Final contractor net pricing
- Performance data, including ASTM E84 fire ratings, structural data, acoustic analysis, along with necessary supporting test data
- Sustainability certifications, EPD, HPD, Declare
- Detailed step-by-step installation instructions
- Maintenance and warranty information
- Reference part numbers and details
- Andalusia contact information

Specifications Guides

Surface: 3D Model, Drawings, or just basic dimensions

Direction: Apply wall mounted panels to grey surfaces displayed in rendering.



+

Inspiration

Reference precedent images

+

Design Brief

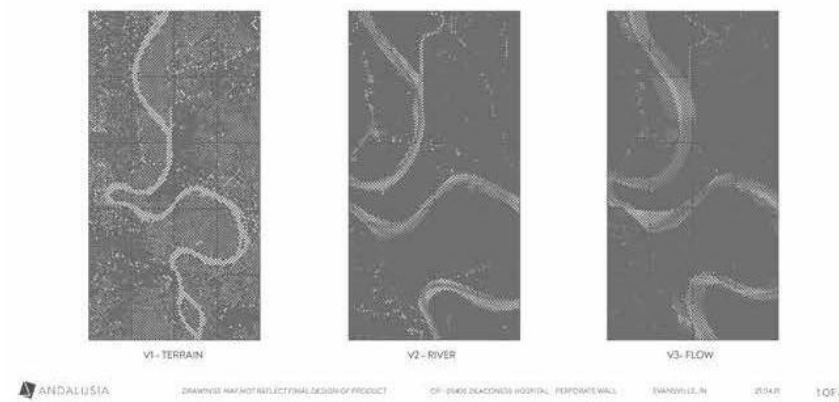
Display the Ohio River around Evansville

Design Support Case Study #1

V1 - TERRAIN

V2 - RIVER

V3 - FLOW



INITIAL DESIGN ELEVATIONS

Design Support Case Study #1

V1 - TERRAIN

Tone down the amount of perforations.

V1.1 - TERRAIN

V3 - FLOW

Add some more perforations, similar to V1

V3.1 - FLOW

Design Support Case Study #1

MCKENNA & COMPANY

SKYLINE

SKYLINE DESIGN

SKYLINE
TRANSFORMING GLASS™

Time Tested

Over **40 years** of Chicago-made glass products.

Endless Possibilities

Customizable solutions allow you to tailor everything from glass thickness and shapes to patterns, graphics, and textures

Here to Help

With the widest range of glass products in the market, Skyline's expert staff is here to help every step of the way.

One Stop Shop

Skyline makes all products in-house, which allows for tight quality control and competitive pricing.

Designer Collabs

Skyline has an extensive Pattern library including collections by renowned artists, product designers, and photographers.

Jill Malek’s Glass Murals Bring Natural Forms to the Built Environment

Skyline, Chicago-based studio known for pushing the boundaries of architectural glass, debuts their latest collaboration with New York designer Jill Malek at NeoCon 2025. Murals on Glass brings five of Malek’s large-scale abstractions of the natural world to the clean, durable substrate of glass.

Known for bespoke dimensional wallcovering and unique textiles, Malek’s designs are intended to soften the built environment with the sensitivity of nature. This and her new glass collection reflects research linking nature-based visuals to improved mood, attention, and emotional regulation, making Murals on Glass especially suited for human-centered spaces that prioritize neuroinclusive design.

“I am so excited to continue my collaboration with Skyline and offer some of my most popular mural designs as glass solutions.” Jill Malek said in a recent interview, “This collection will be a beautiful intersection of color palettes inspired by dawn and dusk, translucent light, and soft patterning on large scale glass.”

Murals on Glass brings five of Jill Malek's large-scale abstrations of the natural world to the clean, durable substrate of architectural glass.

SKYLINE

Alpenglow

Iceland

Into the Woods

Sedona

Tulip

- Made to order in panel sizes up to 72" x 144"
- Designs register seamlessly across multiple panels for large-scale installations
- Available in a range of glass translucencies for partitions, wall cladding, and artwork
- Multiple colorways and customization available

SKYLINE

TRANSFORMING GLASS SINCE 1983

skyline.glass

Alpenglow

by Jill Malek

Alpenglow - Topaz

Alpenglow - Earth

Alpenglow - Garnet

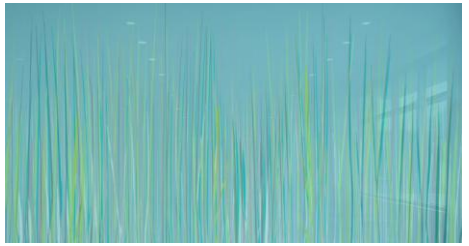
Alpenglow - Mica

SKYLINE

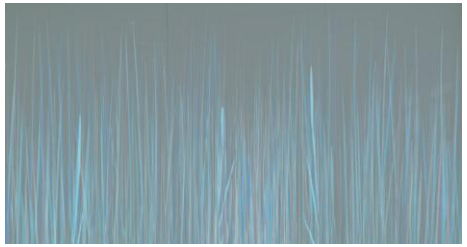
Into the Woods

by Jill Malek

Into the Woods - Thistle



Into the Woods – Moss



Into the Woods – Blue Grass

Into the Woods - Blossom

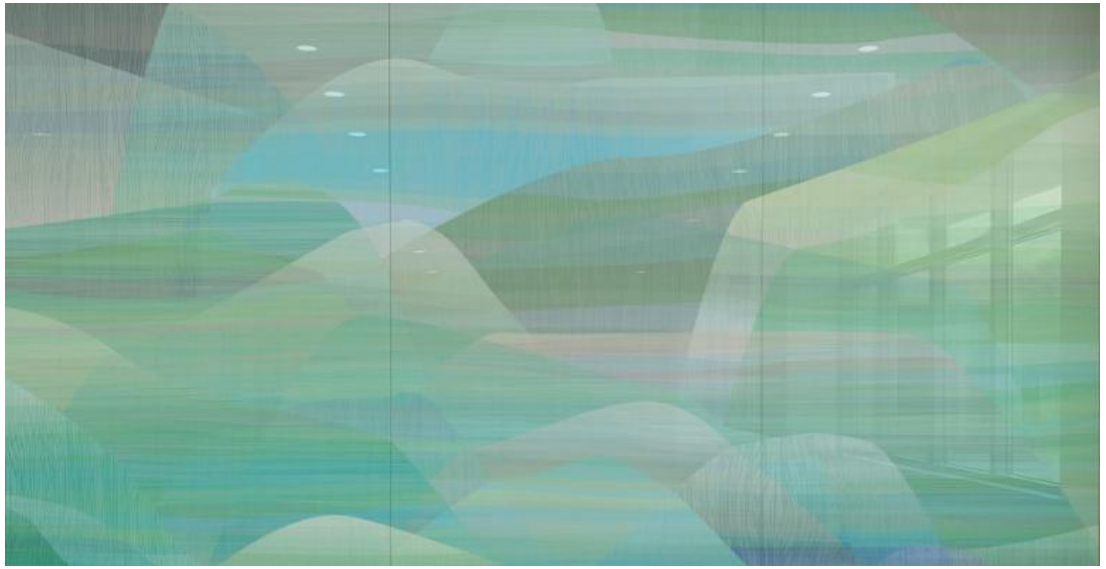
Into the Woods - Wheatspun

Into the Woods - Lilac

SKYLINE

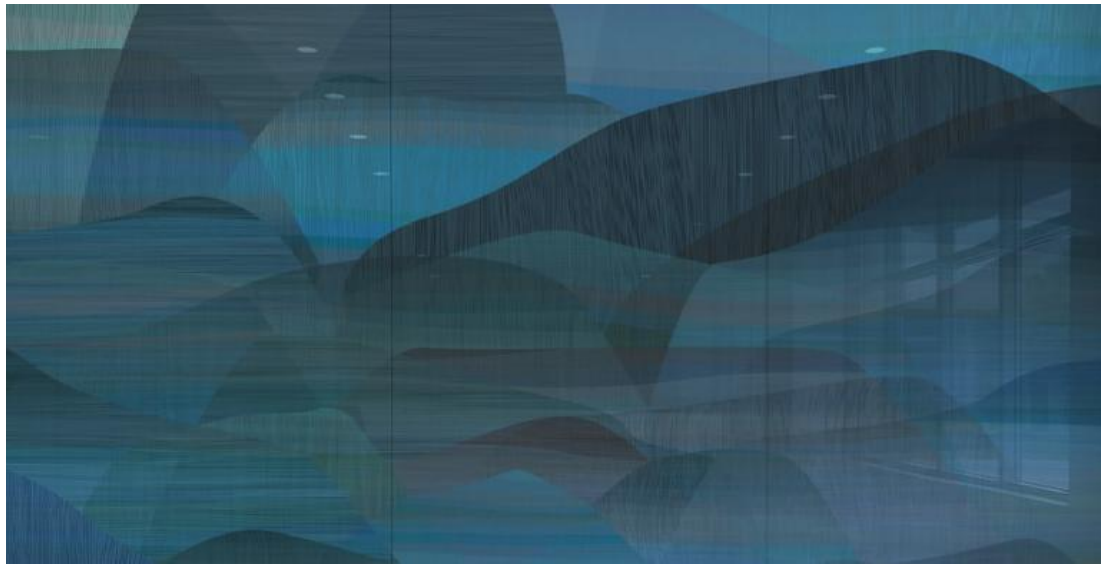
Sedona

by Jill Malek

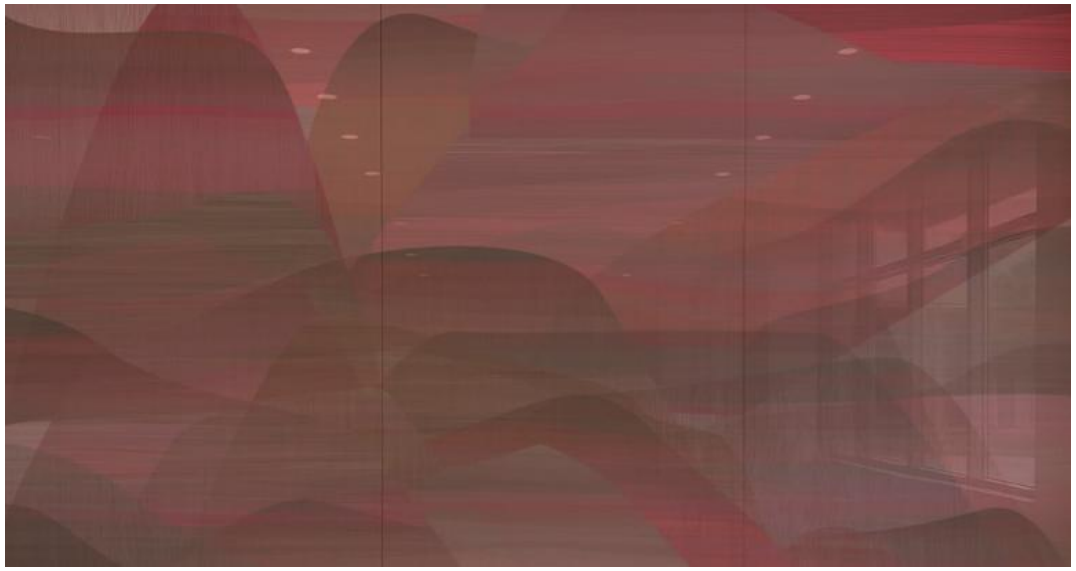


Sedona - Spring

Sedona – Golden Hour



Sedona - Dusk



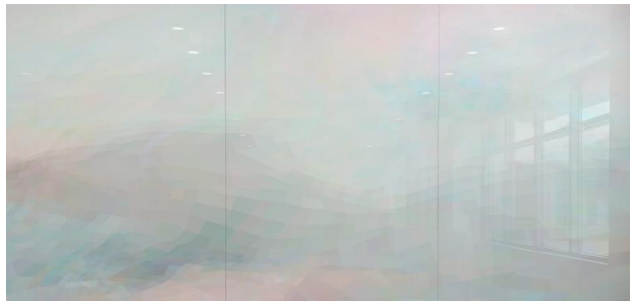
Sedona - Sunset

SKYLINE

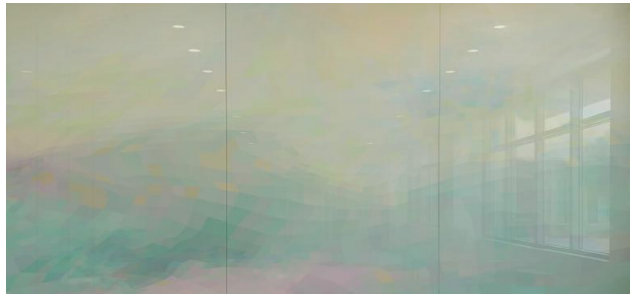
Iceland

by Jill Malek

Iceland - Waterfall



Iceland- Pastures



Iceland – Northern Lights

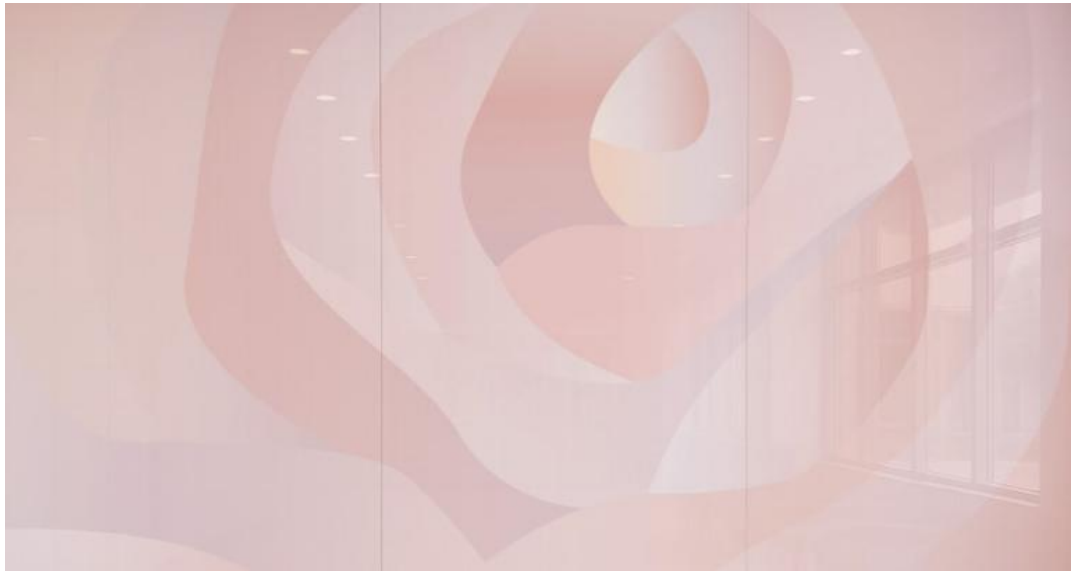
Iceland - Verdant

SKYLINE

Tulip

by Jill Malek

Tulip – Powder Blue



Tulip – Rose Pearl

Tulip – Rose Gold

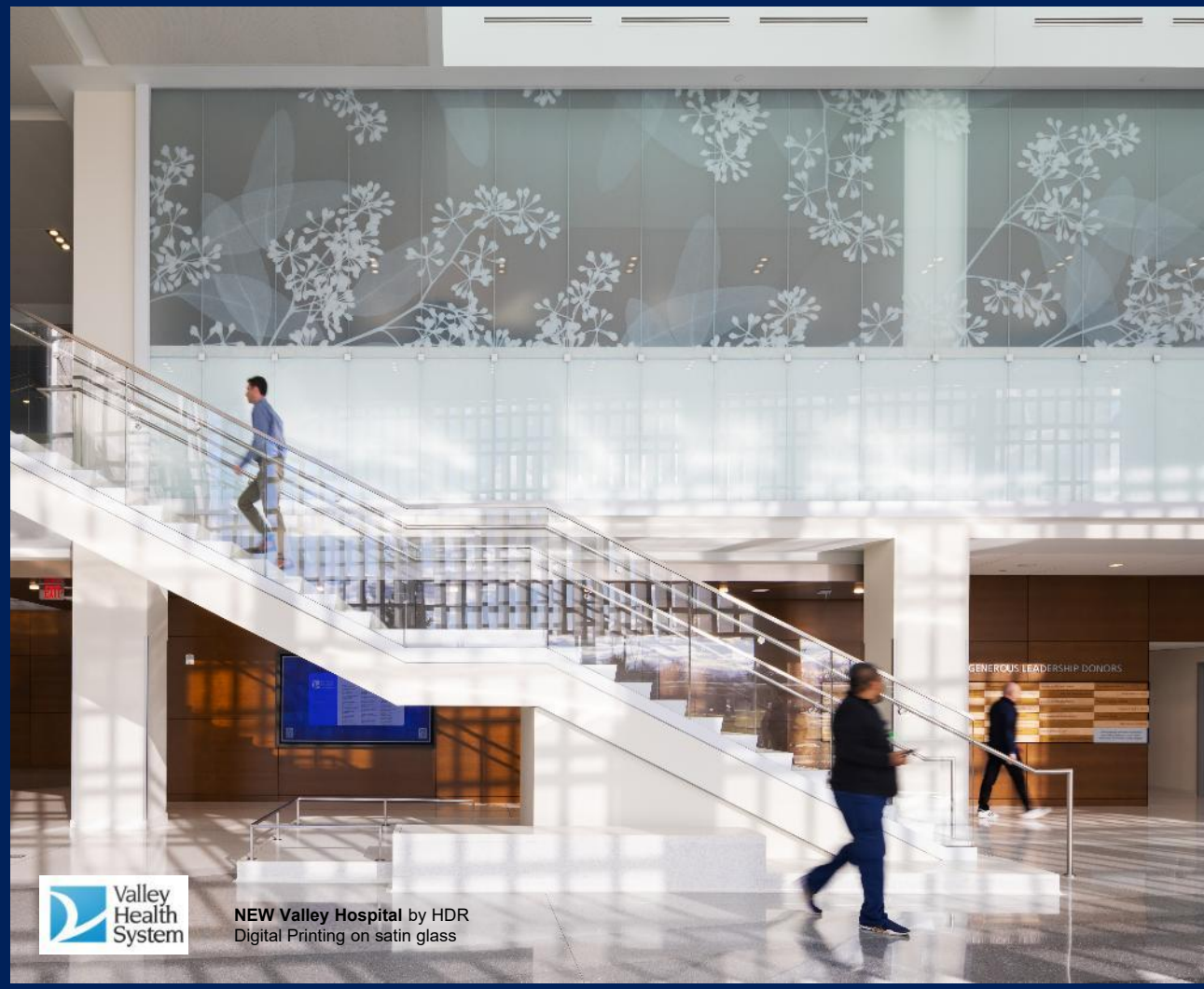
Tulip - Sunset

SKYLINE

SKYLINE

Markets

- Healthcare
- Interiors
- Exteriors
- Public Art
- Glassboards
- Decorative Film

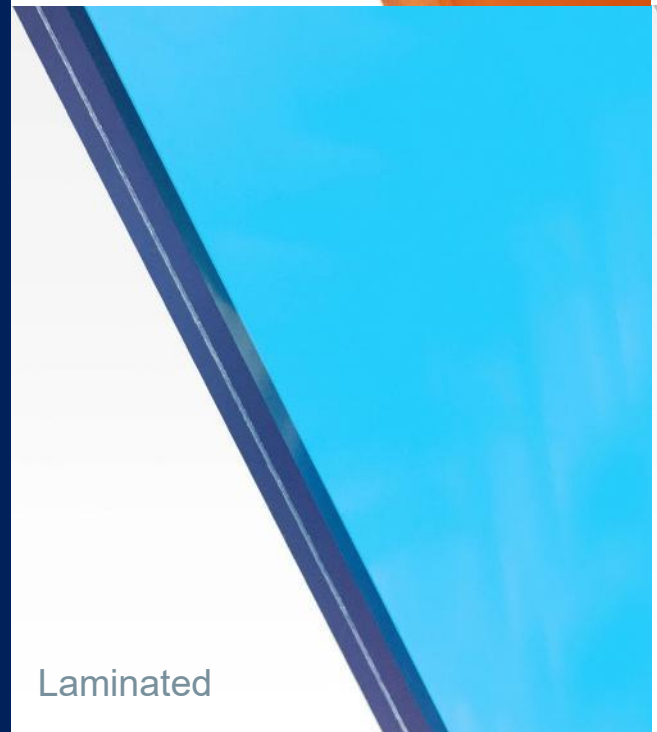


Techniques

- Etching & texture
- Digital Printing
- Vitracolor Back-painting
- Glassboards
- Decorative Film
- Smart Glass & film

Vitracolor®

Digital Printing


Laminated

Eco-etch®

SKYLINE

Techniques
Eco-etch

Recycled aluminum oxide permanently blasts a design into glass.

The resulting surface is remarkably durable and can be used in both interior and exterior installations.

Skyline’s proprietary process allows for creative control, supporting a design that registers perfectly across panels.

Clark Lindsey Village
By Perkins Eastman

SKYLINE Eco-etch

MERCYHEALTH

Mercy Health by Champlin Architecture
Cincinnati, OH
Etched glass partitions

SKYLINE

Techniques
Digital Printing

Faithfully transfer designs directly onto glass using Skyline's digital printing studio.

Through color matching technology and the support of a specialized team, the quality of Skyline's printing is unparalleled in the industry.

Penn State Health by Payette
Custom digitally printed glass

SKYLINE

Techniques
Digital Printing

Following the printing, the ink becomes permanently integrated into the glass during the tempering process, ensuring the ultimate resilience against scratches, fading, and cleaning damage.

Boston Area Hospital by ISgenuity
Custom digitally printed glass

SKYLINE Digital Printing

PennState Health

Penn State Hershey Children's Hospital
by Payette / Selbert Perkins
Hershey, PA
Digitally printed glass

SKYLINE

Techniques
Back-painting

Vitracolor Back-Painting is an efficient in-house process to create a perfectly opaque surface for writable glass boards and wall-cladding.

The consistent high quality of Skyline's method, coupled with advanced color-matching capabilities, makes Vitracolor back-painted glass an elegant choice for a variety of uses.

University Health Systems Consortium by CannonDesign
Vitracolor back-painted glass

SKYLINE Back-painting

UNITED

UNITED terminal at LAX by KrueckSexton
Los Angeles, CA
Etched pattern + Metallic silver Vitracolor

SKYLINE

Laminated Glass

- Eco-conscious design and process uses EVA (*ethylene-vinyl acetate)* interlayers which allow for lower processing temperatures
- The ultimate privacy package combining numerous levels of acoustic and visual control
- Durable and optically clear product
- Interior and exterior grade

SKYLINE Laminated

Chicago Transit Authority
Blue Line @ Addison by Muller + Muller
Art by Francesco Simeti

SKYLINE

Techniques Glassboards

Glass markerboards with a consistent, opaque back-coat to create a writable surface. Match to any color or add graphics & logos.

- Sustainably made in our Chicago factory
- Guaranteed to last the life of the wall
- Easy to install with z-clip
- Frame available in any size

Workplace by Gensler
Writable glass boards

SKYLINE Glassboards

COMCAST

Comcast by Design Blitz
Red writable glass boards

SKYLINE Glassboards

MERCYHEALTH

Mercy Health by Champlin Architecture
Cincinnati, OH
Custom writable glass boards

SKYLINE Glassboards

Mossa Health™ Glass Space Divider

SKYLINE

Techniques Smart Glass

Instantly switch glass from clear to private with the flip of a switch.

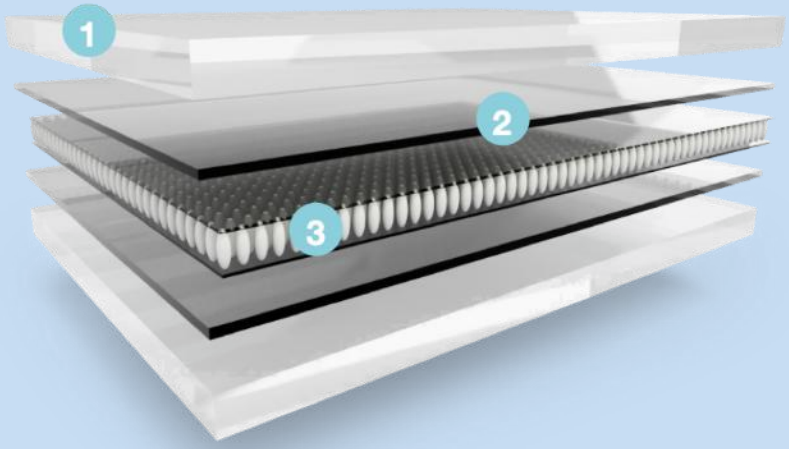
- Low voltage controller can stay on for 24 hours/day with no burnout
- Fade, ON/OFF, dimming
- Sizes up to 70” x 144”
- Custom shapes & designs available

SKYLINE Smart Glass

SKYLINE

SDX2二laminated glass

- Interlayers are precision-cut in our factory
- Highest quality control standards
- Connections allow for easy on-site wiring
- Supports rear projection
- Can serve as writable surface



1 / Glass
2 / EVA Adhesive Layer
3 / SDX™ smart layer

SKYLINE

TRANSFORMING GLASS™

MCKENNA & COMPANY

THANK YOU!

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