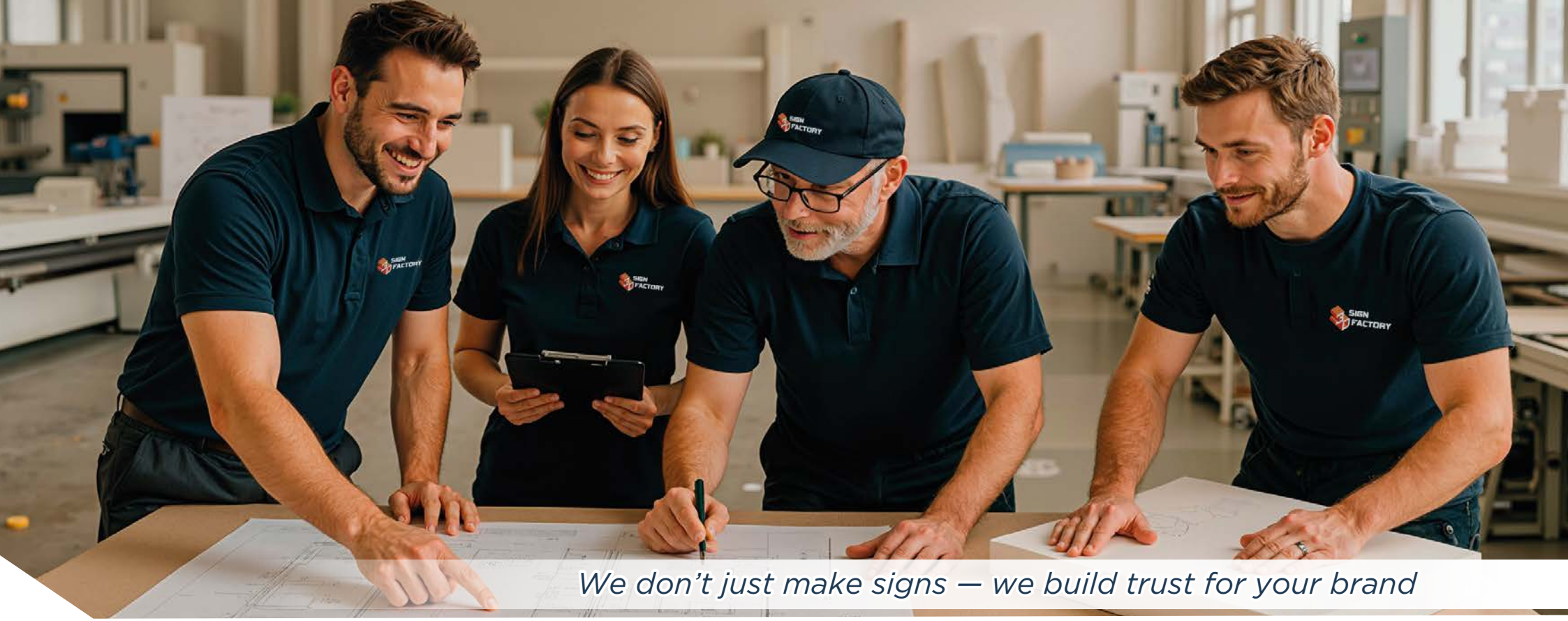
SIGN FACTORY

WE DON'T JUST MAKE SIGNS — WE BUILD TRUST FOR YOUR BRAND



Welcome to the 3D Sign Factory Catalog

WITH US, BRANDS BECOME VISIBLE: DESIGN, TECHNOLOGY, AND DURABILITY IN EVERY DETAIL.

At 3D Sign Factory, we transform ideas into striking forms that capture attention and strengthen brand presence. Utilizing advanced 3D modeling and meticulous hand-finishing, we ensure every detail is both expressive and flawless. For over 25 years, we have produced signage crafted from durable materials, employing modern technologies and refined design expertise. Each project harmonizes aesthetics with engineering precision, ensuring that your business stands out and inspires trust.

25+ YEARS OF EXPERTISE
Proven success, hundreds of projects

FAST ESTIMATES
Quick, free cost calculations

CUSTOM DESIGN SUPPORT
Tailored solutions for any brand

DURABILITY & QUALITY
Weather-resistant EPS & HDU materials

PERSONAL ACCOUNT MANAGER
Dedicated support from start to finish

ABOUT 3D SIGN FACTORY

We are a family-owned company founded in 1998, now recognized as one of the leading signage manufacturers in the USA. For over 25 years, we haven't just been creating signs — we've been shaping the visual identity of brands, helping them stand out and remain memorable to their clients.

Our approach combines creativity, technological innovation, and uncompromising quality. We actively integrate modern technologies, continuously refine our processes, and combine them with meticulous hand-finishing, ensuring every detail is flawless.

Our mission is continuous improvement, providing clients with the most advanced, impactful, and durable solutions. We create products that don't just serve a function, but act as visual highlights that emphasize the individuality of each business.

With a purpose-built facility of 40,000 sq. ft and a workshop of 12,000 sq. ft, we are equipped to handle projects of any size. Our culture is rooted in constant development: every project is an opportunity to implement cutting-edge technologies, improve processes, and exceed client expectations.

We don't just create signage. We deliver striking, technologically advanced, and durable solutions that make our clients' brands visible, recognizable, and successful. Partnering with us guarantees an innovative approach, expert craftsmanship, and quality backed by over 25 years of experience.

ELEGANT APPEARANCE
Stylish stucco and faux wood design that enhances any property

NO MAINTENANCE COSTS
Doesn't require repainting, sealing, or constant repairs

20-YEAR TRANSFERABLE WARRANTY
Long-lasting quality guaranteed

ELEGANT APPEARANCE
Highest level of fire resistance for peace of mind

WEATHER RESISTANT
Withstands rain, sun, temperature changes, and storm impact

CODE COMPLIANT
Meets modern safety and building regulations

Thank you for your interest in 3D Sign Factory

YOUR PARTNER OF CHOICE FOR INNOVATIVE AND VISUALLY IMPACTFUL SIGNAGE THAT STRENGTHENS YOUR BRAND WHILE OPTIMIZING TIME AND RESOURCES.

At 3D Sign Factory, we go beyond creating signs — we engineer tailored solutions that make your brand stand out, remain recognizable, and achieve lasting success. Every project combines striking visual design with technical precision, delivering results that align seamlessly with your goals and budget.

We work exclusively with certified, long-lasting materials and integrate advanced technologies such as 3D modeling, CNC milling, and meticulous hand-finishing. Each assignment is an opportunity to implement the latest engineering innovations, ensuring that every finished product stays at the forefront of the industry and consistently exceeds expectations.

Backed by more than 25 years of experience, we provide a full-service process — from fast and transparent estimates and dedicated account management to rigorous quality control and on-time delivery. By choosing 3D Sign Factory, you gain access to efficient, innovative, and visually distinctive solutions that guarantee durability and help your business stand out in a competitive marketplace.

MANUFACTURING AND CUSTOM SOLUTIONS BY 3D SIGN FACTORY

At 3D Sign Factory, we design and produce precise, high-quality signage and dimensional structures that combine reliability, durability, and efficiency for every project.

WE WORK WITH ADVANCED, PROVEN MATERIALS:

EPS (expanded polystyrene) —lightweight and ideal for complex shapes;

HDU (high-density urethane) — highly stable and resistant to moisture, cracking, and temperature changes;

PVC and acrylic — perfect for dimensional letters and decorative elements;

All materials are certified and engineered for long-term outdoor performance.

This enables us to create structures of any complexity while maintaining accuracy, strength, and visual appeal. Your signage will perform reliably and look exceptional, even in demanding outdoor conditions.

With 3D Sign Factory, you receive innovative, durable, and visually striking solutions, along with a personalized approach and modern techniques that ensure your brand stands out and makes a lasting impression.

EPS FOAM: BENEFITS FOR MONUMENT SIGNS

EPS foam (expanded polystyrene) is a lightweight, durable, and cost-effective material, ideal for creating monument signs. It allows for high-quality visual results while keeping production and installation efficient.

KEY BENEFITS OF EPS FOAM:

- Lightweight and easy to install: EPS reduces transportation and installation costs due to its low density.
- Weather and impact resistant: The material withstands moisture, temperature changes, and mechanical stress, ensuring long-lasting performance.
- Precision and detail: EPS enables the creation of complex shapes and textures, resulting in visually striking signs.
- Cost-effective: Compared to traditional materials such as metal or stone, EPS is more affordable, making it accessible for a wide range of projects.
- Environmentally friendly: EPS is recyclable, helping to minimize environmental impact.

EPS foam is widely used in monument signage because it combines durability, visual appeal, and flexibility, allowing brands to create expressive and memorable displays efficiently.

POLYUREA: BENEFITS FOR MONUMENT SIGNS

Polyurea is a modern protective coating widely used for outdoor structures and monument signs. It enhances durability, shields materials from harsh weather, and maintains a clean, professional appearance over time.

Polyurea is applied using a spray method, which allows for seamless coverage on surfaces of any shape or size. Its rapid curing time shortens production cycles and accelerates installation, making polyurea not only highly effective but also a cost-efficient choice for large-scale projects.

KEY BENEFITS OF POLYUREA:

- High abrasion resistance: Withstands scratches, impacts, and mechanical wear.
- Weather and chemical protection: Resists extreme temperatures, UV exposure, moisture, and chemicals.
- Flexibility and adhesion: Bonds effectively to a variety of materials, including HDU, EPS, PVC, and metal, while remaining flexible to prevent cracking.
- Fast application and curing: Sets almost instantly, speeding up production and reducing fabrication time.
- Long-lasting and low maintenance: Provides years of protection, minimizing the need for repairs or repainting.

COMPANY NAME
Sunday Service 9:30 am
Sunday School 18:38 am
Wednesday 7:30 pm
Weekly Amcouncements
1 W SETH ST
NEW YORK NY KT24 4LS
USA
ROYAL FOAM
GRAND ARCADE MALL
Shop. Dine. Discover
1234
ROYAL FOA
64
Sterling Circle
ROYAL
FOAM

ECO-FRIENDLY MATERIAL
Adopted full-water foaming system and waterbased paint, all the products meet the EU SGS-SVHC standards, VOC content lower than the EU and American standards.

CUSTOMIZABLE
Customizing customers' personalized products according to the requirements.

DURABILITY
The newly applied polyurethane coating forms a strong bond with the previously applied water-based coating. Together, they create a seamless, long-lasting finish that resists peeling and discoloration, providing a service life comparable to that of the building itself.

INSECT AND MILDEW RESISTANCE
Low water absorption. Could not get moldy even if put in the water for a long time; also can effectively prevent the damage of termites and insects to products.

DIMENSIONAL STABILITY
Small thermal expansion and cold contraction, excellent dimensional stability.

PROFILING PERFORMANCE
Advanced molding technology ensures the surface accurately replicates natural stone textures — with realistic relief, depth, and detail for a premium, authentic look.

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Monument sign

They impress with precise detailing and depth, creating a visual impact that commands attention and conveys trust in your business. A monument sign is more than just a marker — it's a carefully considered solution that reflects your brand's status, combining thoughtful design with advanced manufacturing techniques.

Key advantages of monument signs include:

- Long-lasting durability with minimal maintenance
- High visual impact and a premium appearance
- Fully customizable to match your brand's style and identity
- Creates a strong, memorable visual presence
- Combines architectural elegance with reliable construction

If you want a sign that positions your business as modern, professional, and confident, a monument sign is the perfect combination of engineering precision, high-quality materials, and thoughtful design.

KEY BENEFITS OF MONUMENT SIGNS:

- Durability and Low Maintenance
- High Visual Impact and Brand Presence
- Customizable Design and Material Flexibility
- Precision and Integration of Aesthetics with Technology
- Ease of Installation and Cost Efficiency

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Fax: 904-345-5401
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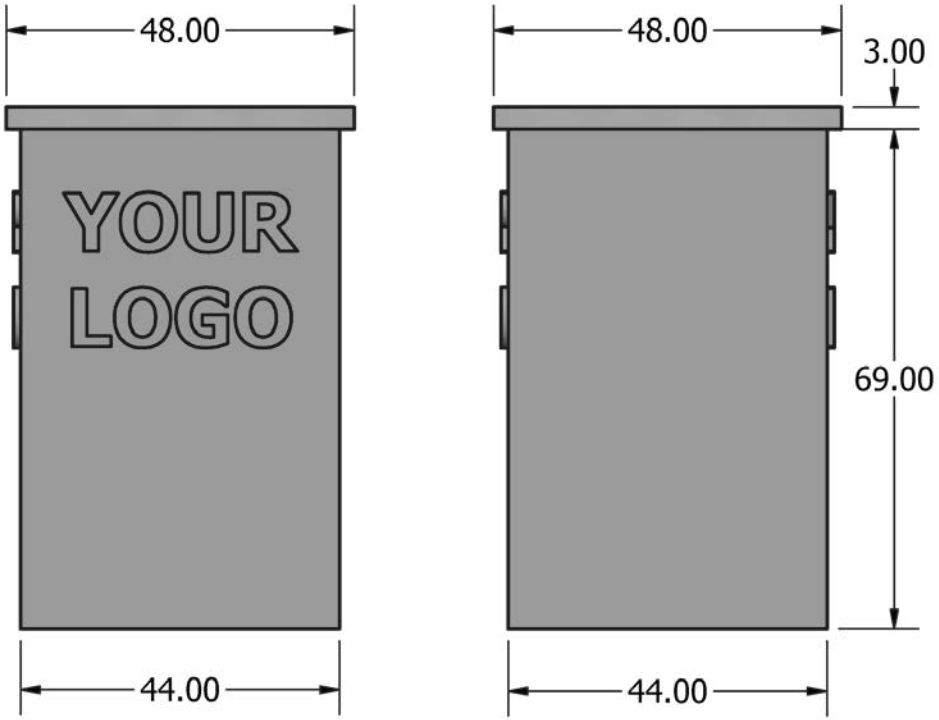
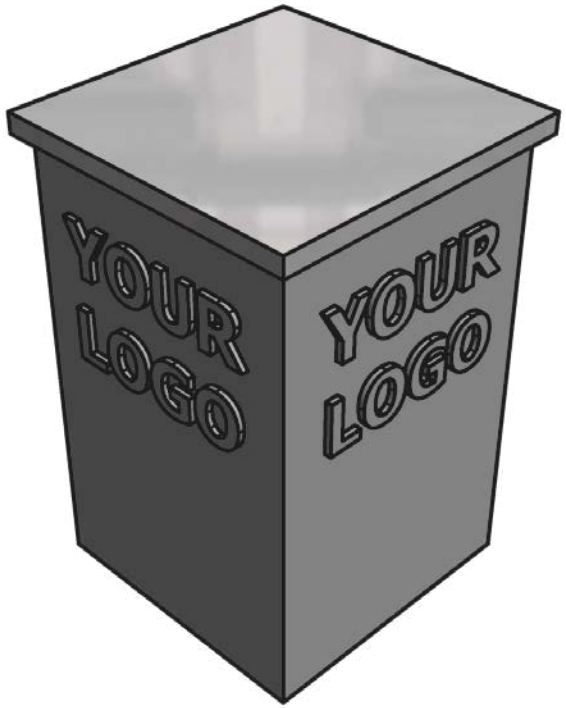
Monument sign MS 001





RUSTIC-STYLE MASONRY
RS-FSP 9117- 6200

RONDO-STYLE MASON
RY RO-FSP 7503- 6159

RUBLE-STYLE MASONRY
RU-FSP 0009

Plateau-Style Masonry
PS-FSP 6094

OLD BRICK-STYLE MASONRY
OB-FSP 0027

SLAB-STYLE MASONRY
SL-FSP 9131

RUSTIC BRICK-STYLE MASONRY
RB-FSP 9112

SHAHRIAR-STYLE MASONRY
SH-FSP 9093

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7643

ASSOL-STYLE MASONRY
AS-FSP 7060

DRY STONE WALLING STYLE
DS-FSP 9152

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

This compact monument sign combines elegance with functionality. Its main advantage is the ability to display information on all four sides, making it highly visible and easy to read from any direction.

It's a perfect solution for smaller spaces where aesthetics and maximum messaging need to go hand in hand. This model can serve as a directional guide or as a shared sign for multiple organizations — a practical and striking choice for modern properties. You can also customize it with different color schemes or cladding options to match your setting.

175 mph
Wind Resistance

Does
Not Rot

Not Eaten by
Insects or Birds

UV
Resistant

Cold
Resistant

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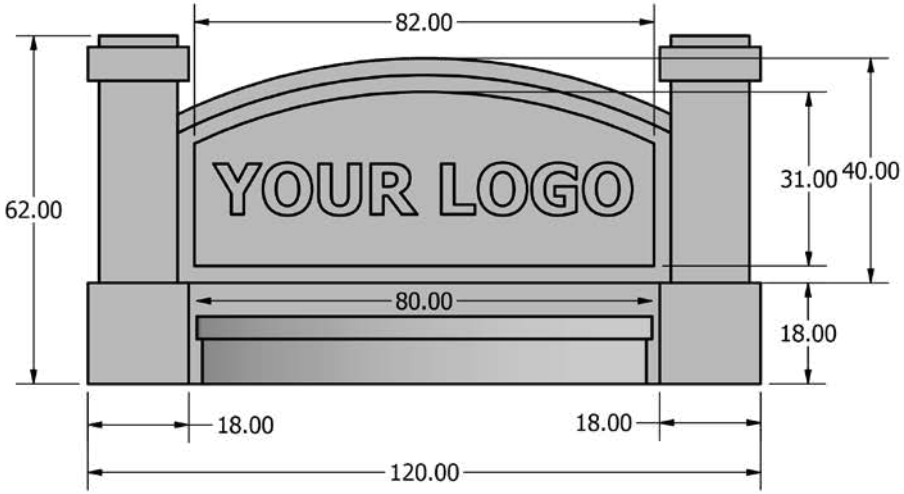
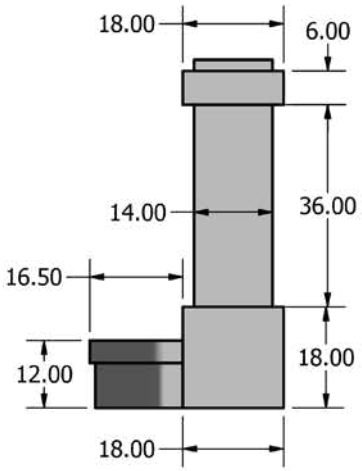
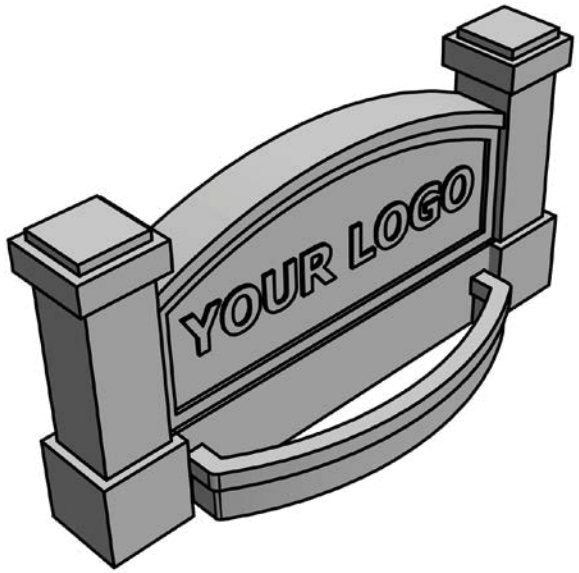
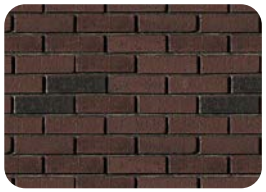
Monument sign MS 002








RUSTIC BRICK-STYLE MASONRY
RB-FSP 6034

RIVER ROCK-STYLE MASONRY
RR-FSP 9092

CASTLE-STYLE MASONRY
CA-FSP 9078

ASSOL-STYLE MASONRY
AS-FSP 7081

DRY STONE WALLING STYLE
DS-FSP 9098

SHAHRIAR-STYLE MASONRY
SH-FSP 9088

RUSTIC-STYLE MASONRY
RS-FSP 7650

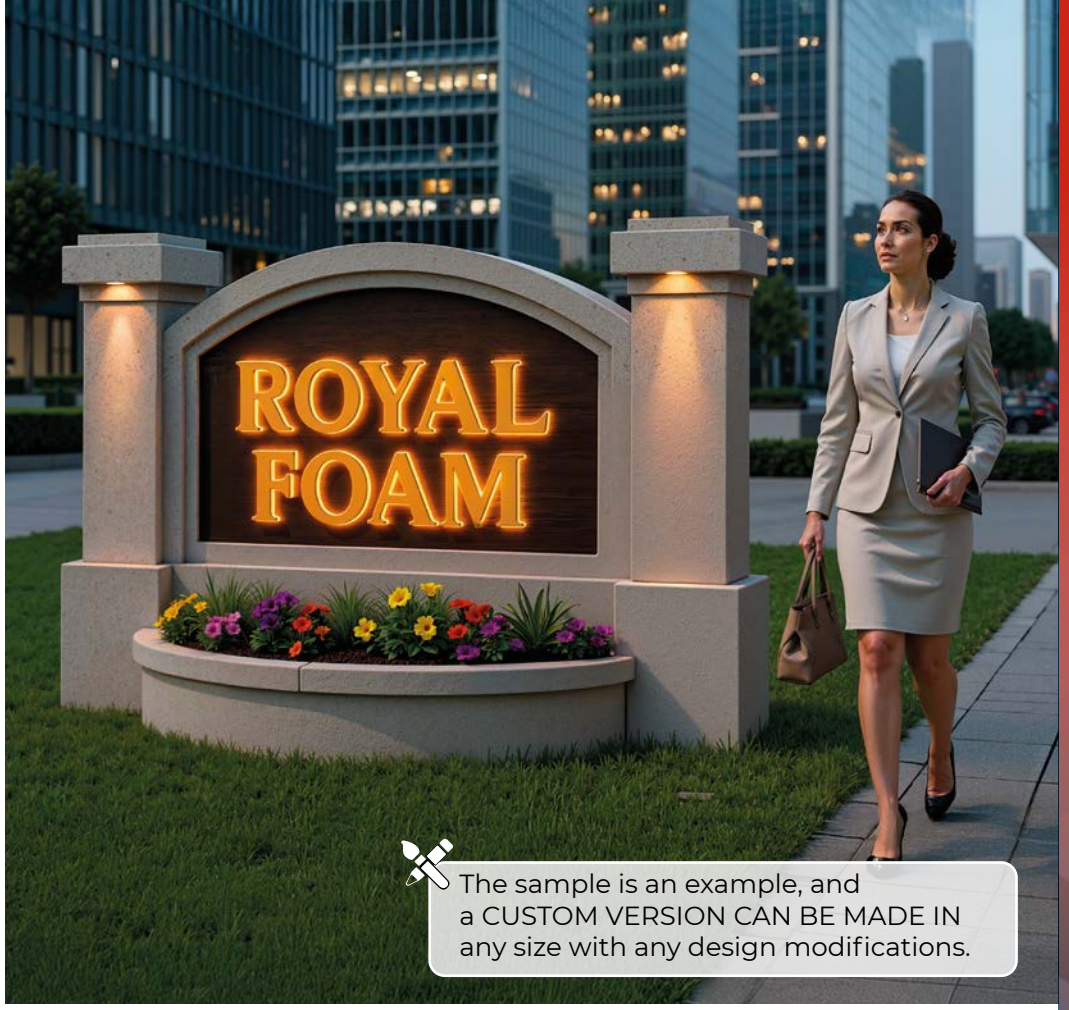
RONDO-STYLE MASONRY
RO-FSP 9105- 6060

RUBLE-STYLE MASONRY
RU-FSP 0038

PLATEAU-STYLE MASONRY
PS-FSP 6094-6060

OLD BRICK-STYLE MASONRY
OB-FSP 0027

SLAB-STYLE MASONRY
SL-FSP 6149-9084



The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

This monument sign is an excellent choice for malls or supermarkets located near highways, at city exits, or alongside gas stations. Its simple and streamlined design makes it truly universal: stylish in any era and always relevant. The clean form and balanced lines give the sign a timeless quality, emphasizing both practicality and visual appeal. We offer full customization — any color schemes, textures, and finishing materials can be tailored to match your concept. This sign can be easily adapted to your specific requirements, ensuring it blends seamlessly with the architectural and visual environment of your property.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

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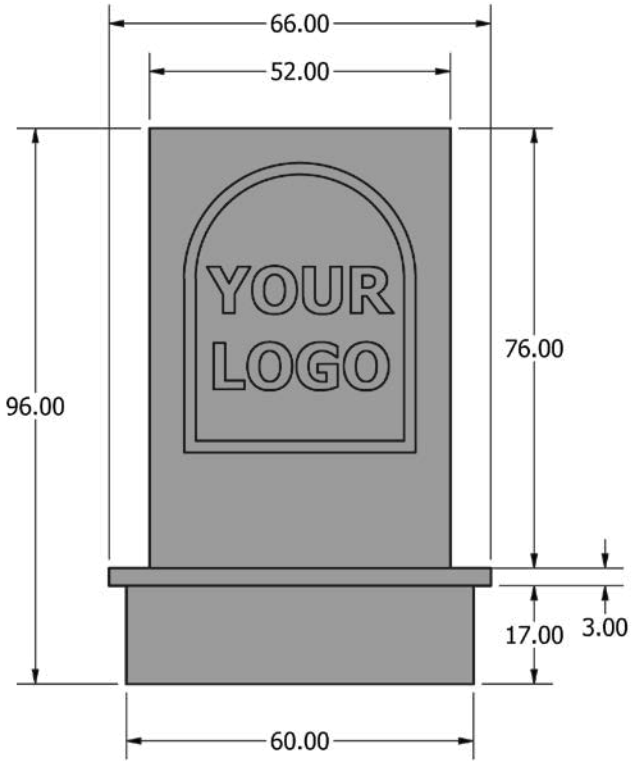
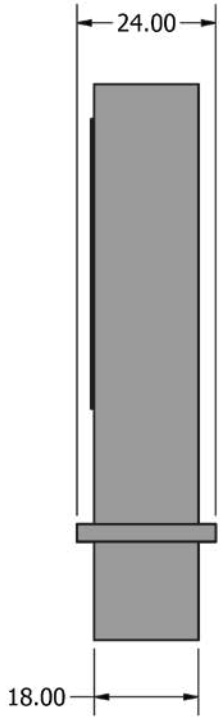
Monument sign MS 003





ASSOL-STYLE MASONRY
AS-FSP 7052

CASTLE-STYLE MASONRY
CA-FSP 7534

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

OLD BRICK-STYLE MASONRY
OB-FSP 0027

RUBLE-STYLE MASONRY
RU-FSP 9082

RUSTIC-STYLE MASONRY
RS-FSP 9097

CASTLE-STYLE MASONRY
CA-FSP 7534

SLAB-STYLE MASONRY
SL-FSP 6149-9084

SHAHRIAR-STYLE MASONRY
SH-FSP 6046

PLATEAU-STYLE MASONRY
PS-FSP 7060

RONDO-STYLE MASONRY
RO-FSP 6100- 9080

DRY STONE WALLING STYLE
DS-FSP 911

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

Monument sign MS 003

This monument sign model is a perfect match for classical architecture and serves as a distinguished choice for universities, hospitals, and other institutions with a rich history. Its solid structure and stone accents emphasize prestige, giving the property a distinguished and authoritative presence.

A unique feature of this design is the ability to mirror the shape of your logo in the top contour, which is especially valuable for non-standard logo designs. We offer a wide range of finishes and color options, allowing you to create a sign that is not only functional but also seamlessly integrated into its architectural surroundings.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

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Monument sign MS 004

SLAB-STYLE MASONRY
SL-FSP 9112

RUSTIC BRICK-STYLE MASONRY
RB-FSP 7004

SHAHRIAR-STYLE MASONRY
SH-FSP 7025

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7081

ASSOL-STYLE MASONRY
AS-FSP 9092

DRY STONE WALLING STYLE
DS-FSP 9117

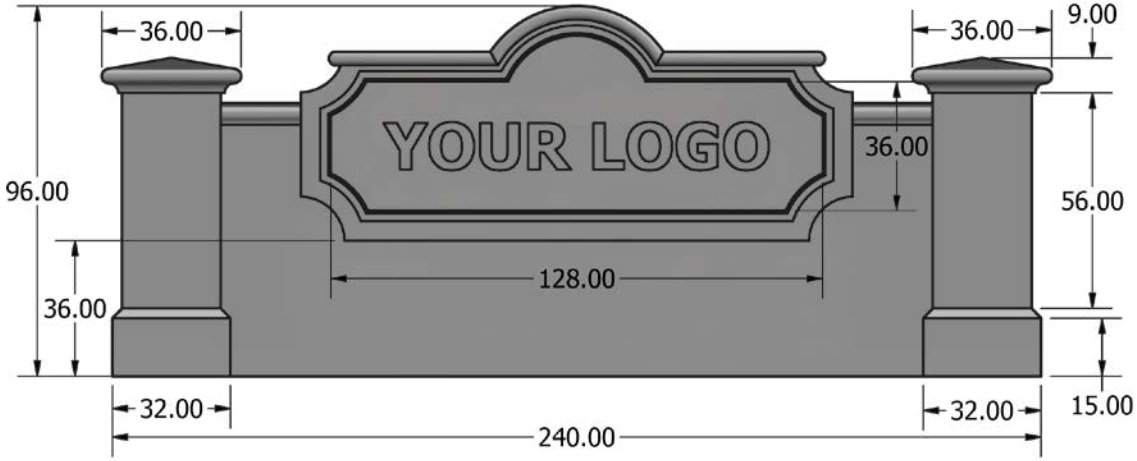
RUSTIC-STYLE MASONRY
RS-FSP 9097

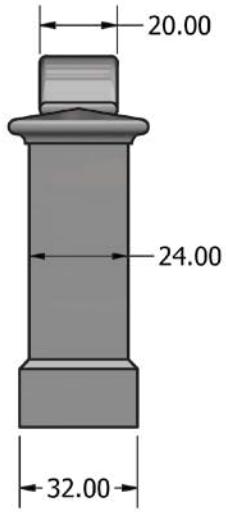
RUBLE-STYLE MASONRY
RU-FSP 9082

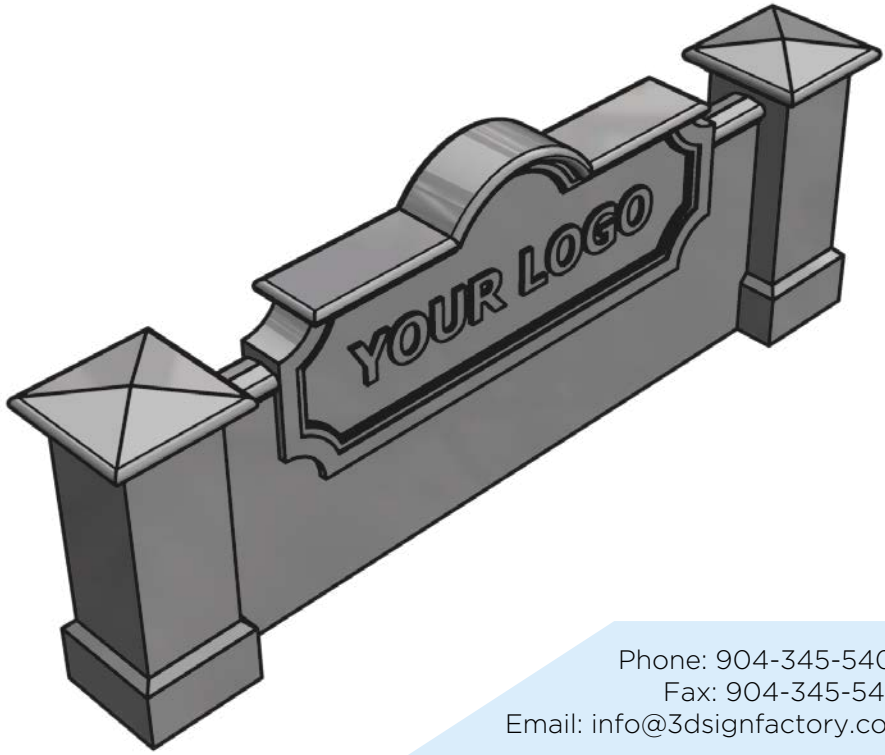
RONDO-STYLE MASONRY
RO-FSP 6100- 9080

PLATEAU-STYLE MASONRY
PS-FSP 9117-9092

OLD BRICK-STYLE MASONRY
OB-FSP 6009







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Monument sign MS 004

This monument sign model features a wide, expansive form that makes it a perfect fit for open spaces. Its smooth, flowing lines create a refined look, while the solid side design adds a sense of reliability and strength. It is an impressive solution for golf clubs, yacht marinas, resort complexes, and upscale residential communities, emphasizing both scale and prestige.

We offer full customization — the color palette and surface finish can be tailored to your concept, ensuring the sign blends seamlessly with its surroundings while reflecting the unique style of your project.

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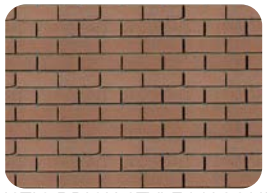
Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 005

RONDO-STYLE MASONRY
RO-FSP 7031- 7018


RUSTIC BRICK-STYLE MASONRY
RB-FSP 6060

RUSTIC-STYLE MASONRY
RS-FSP 9110- 6151

SHAHRIAR-STYLE MASONRY
SH-FSP 9088

RUBLE-STYLE MASONRY
RU-FSP 0009

RIVER ROCK-STYLE MASONRY
RR-FSP 9092

PLATEAU-STYLE MASONRY
PS-FSP 9110-615

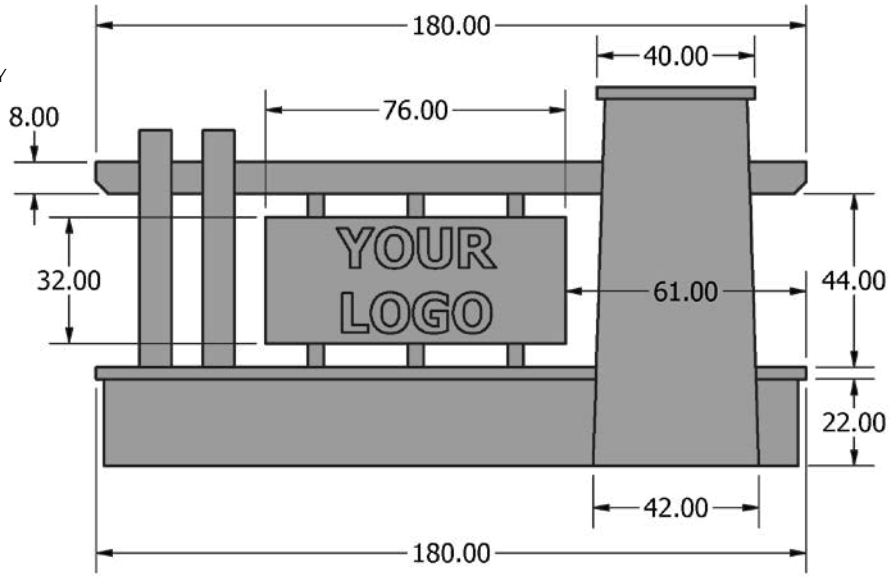
CASTLE-STYLE MASONRY
CA-FSP 7534

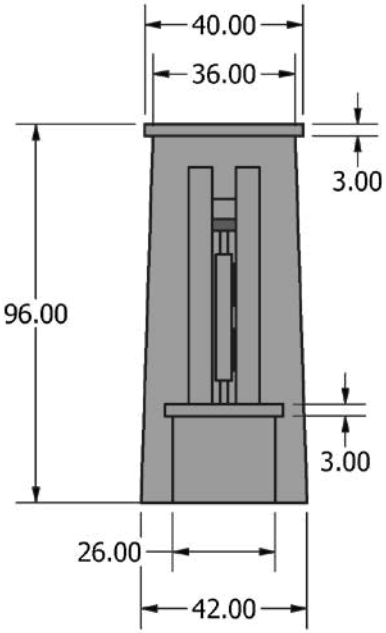
OLD BRICK-STYLE MASONRY
OB-FSP 9117

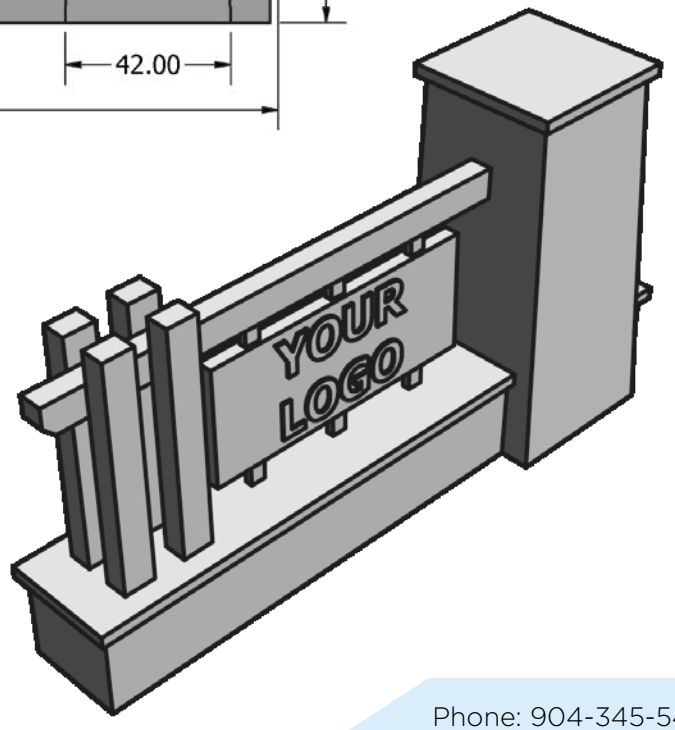
ASSOL-STYLE MASONRY
AS-FSP 703

SLAB-STYLE MASONRY
SL-FSP 9117

DRY STONE WALLING STYLE
DS-FSP 9126







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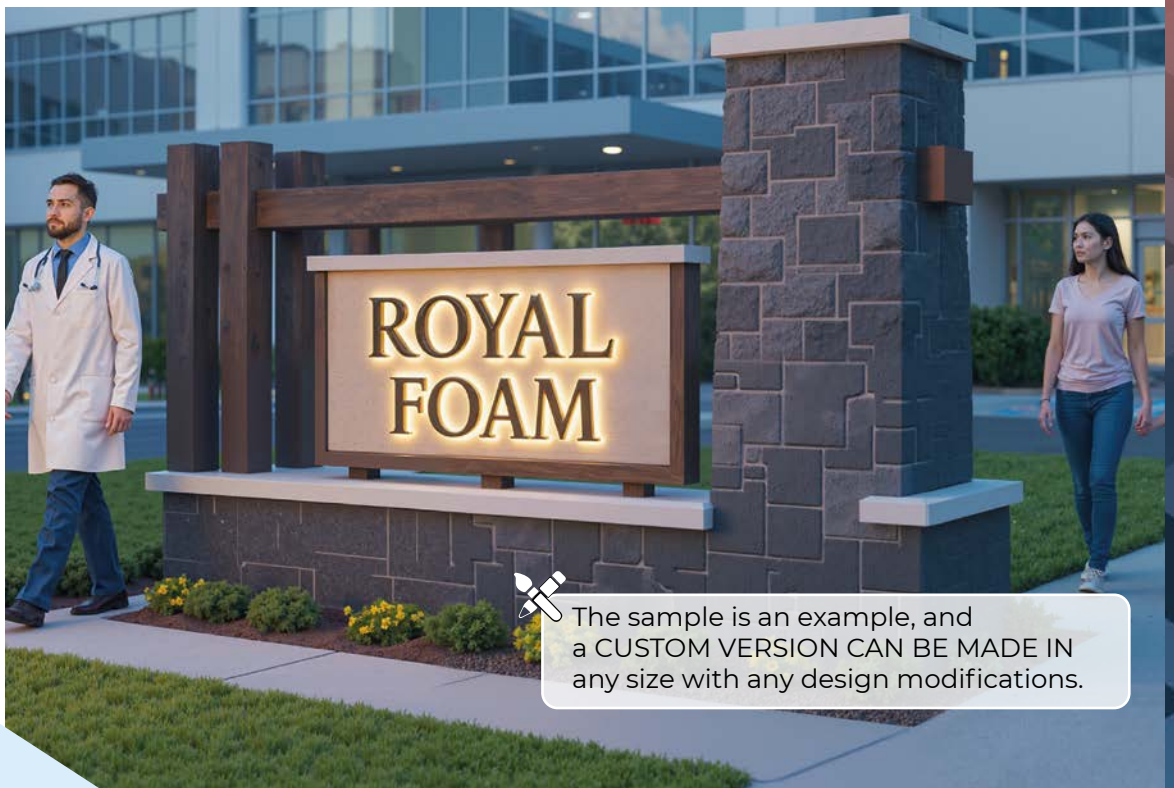
Monument sign MS 005

This monument sign design blends durability with style, creating a bold statement for any property. Ilt's distinctive faux wood beam brings a touch of rustic charm and natural warmth, while the combination of faux wood and faux stone cladding conveys strength and prestige. Perfect for both corporate campuses and countryside settings, this model is especially appealing for projects inspired by a country-style aesthetic.

We provide fully customized solutions: choose from a variety of faux wood textures, faux stone finishes, and color options to create a sign that reflects your unique brand and setting.



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Monument sign MS 006

RUSTIC BRICK-STYLE MASONRY
RB-FSP 9112

RUSTIC-STYLE MASONRY
RS-FSP 9117- 6200

SHAHRIAR-STYLE MASONRY
SH-FSP 9093

RONDO-STYLE MASONRY
RO-FSP 6151- 6278

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

RUBLE-STYLE MASONRY
RU-FSP 9082

CASTLE-STYLE MASONRY
CA-FSP 7629

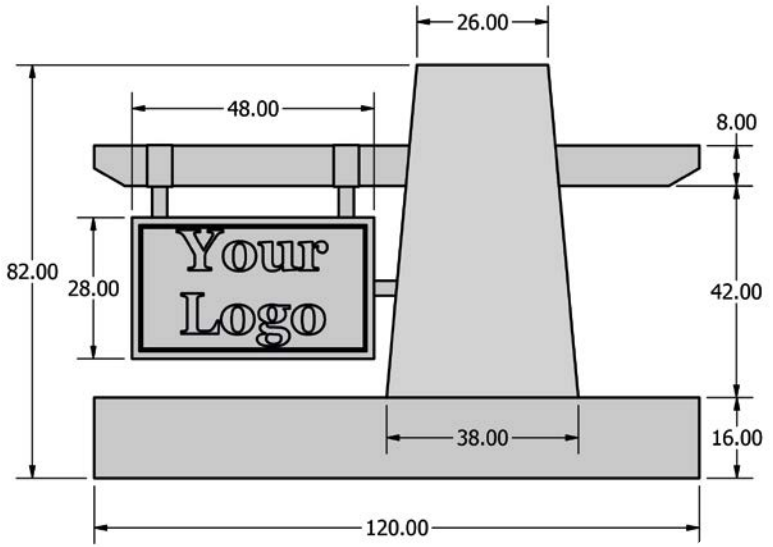
PLATEAU-STYLE MASONRY
PS-FSP 6094

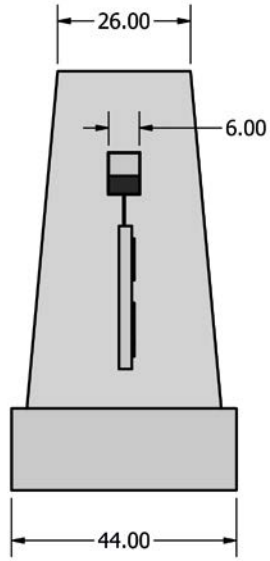
ASSOL-STYLE MASONRY
AS-FSP 7038

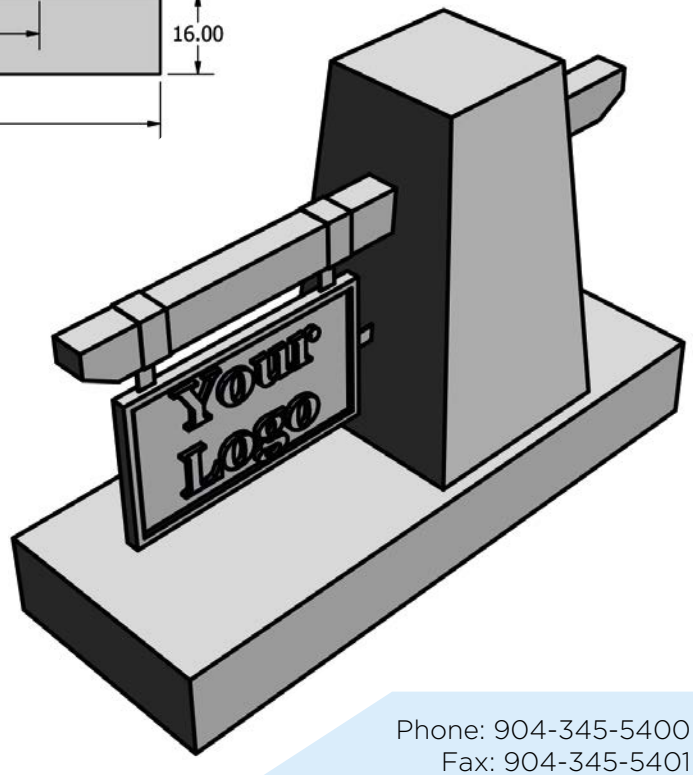
OLD BRICK-STYLE MASONRY
OB-FSP 7715

DRY STONE WALLING STYLE
DS-FSP 9152

SLAB-STYLE MASONRY
SL-FSP 9131







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This monumental sign combines natural aesthetics with expressive design. The wooden beam adds a warm, organic touch to the structure, while the tall side panel enhances its visibility and gives it a more prestigious, well-balanced look. With its large dimensions, the sign is ideal for parks, farms, and open spaces.

We offer fully customized solutions — choose the size, textures, colors, and lighting to perfectly fit your project.

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Cold Resistant

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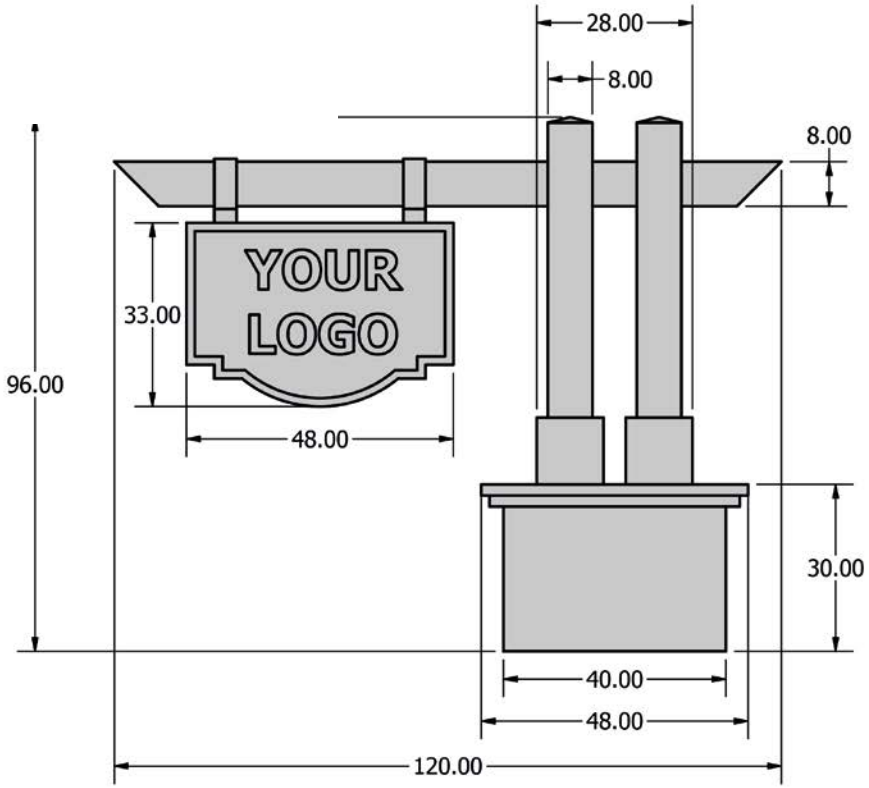
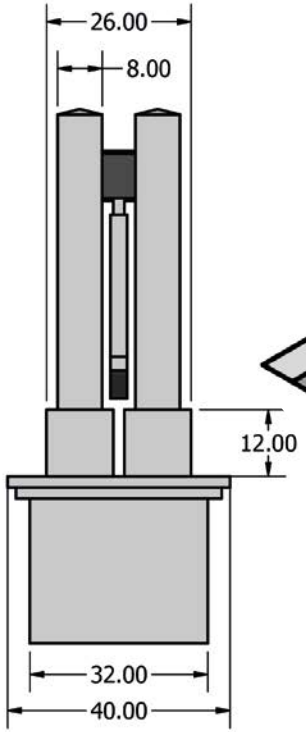
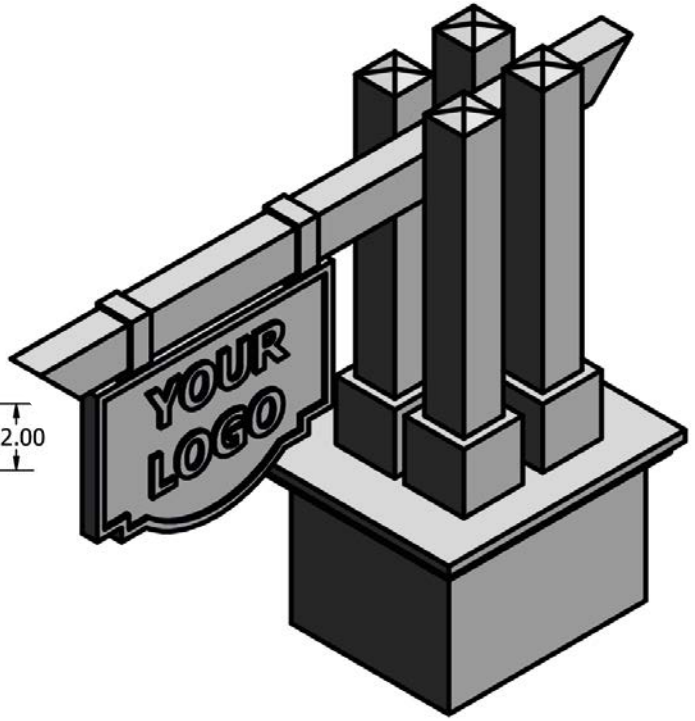
Monument sign MS 007







RUSTIC-STYLE MASONRY
RS-FSP 7650

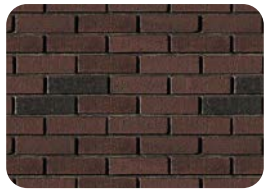
RONDO-STYLE MASONRY
RO-FSP 7081- 7079

RUBLE-STYLE MASONRY
RU-FSP 0009

PLATEAU-STYLE MASONRY
PS-FSP 6094-6060

OLD BRICK-STYLE MASONRY
OB-FSP 9080

SLAB-STYLE MASONRY
SL-FSP 6149-9084


RUSTIC BRICK-STYLE MASONRY
RB-FSP 6034

SHAHRIAR-STYLE MASONRY
SH-FSP 6046

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 9078

ASSOL-STYLE MASONRY
AS-FSP 7052

DRY STONE WALLING STYLE
DS-FSP 9111

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

Monument sign MS 007

This monument sign model stands out with its unique design that blends seamlessly with natural surroundings. It is an excellent choice for national parks, farms, or ranches, emphasizing a sense of warmth and connection to nature. The use of natural materials and a well-balanced form makes the structure an expressive part of the landscape.
A key feature of this model is its secure mounting system: the panel is firmly fixed and does not sway, ensuring that the name or logo remains clearly visible at all times. We offer fully customized solutions — you can choose the wood texture and color scheme to perfectly match your project. This sign is both functional and aesthetic, highlighting the identity of the property while conveying a sense of stability.

- *175 mph* *Wind Resistance*
- *Does Not Rot*
- *Not Eaten by Insects or Birds*
- *UV Resistant*
- *Cold Resistant*

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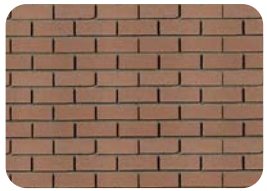
Fax: 904-345-5401
Email: info@3dsignfactory.com

Monument sign MS 008

DRY STONE WALLING STYLE
DS-FSP 9117

SLAB-STYLE MASONRY
SL-FSP 9112

RUSTIC-STYLE MASONRY
RS-FSP 9097


RUSTIC BRICK-STYLE MASONRY
RB-FSP 6060

RONDO-STYLE MASONRY
RO-FSP 9105- 6060

SHAHRIAR-STYLE MASONRY
SH-FSP 7025

RUBLE-STYLE MASONRY
RU-FSP 0009

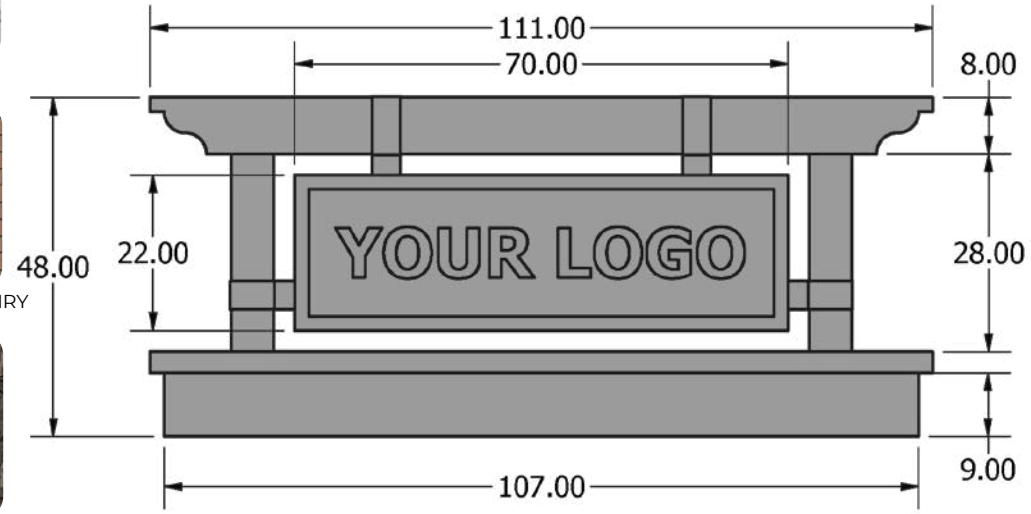
RIVER ROCK-STYLE MASONRY
RR-FSP 9143

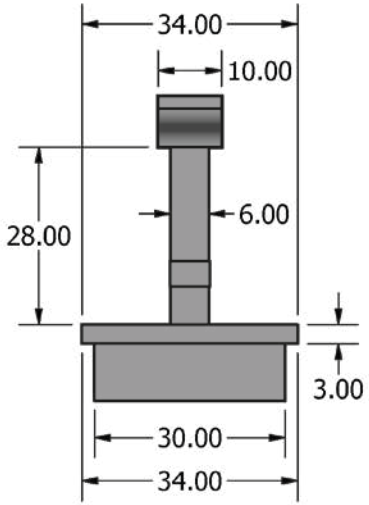
DRY STONE WALLING STYLE
DS-FSP 9117

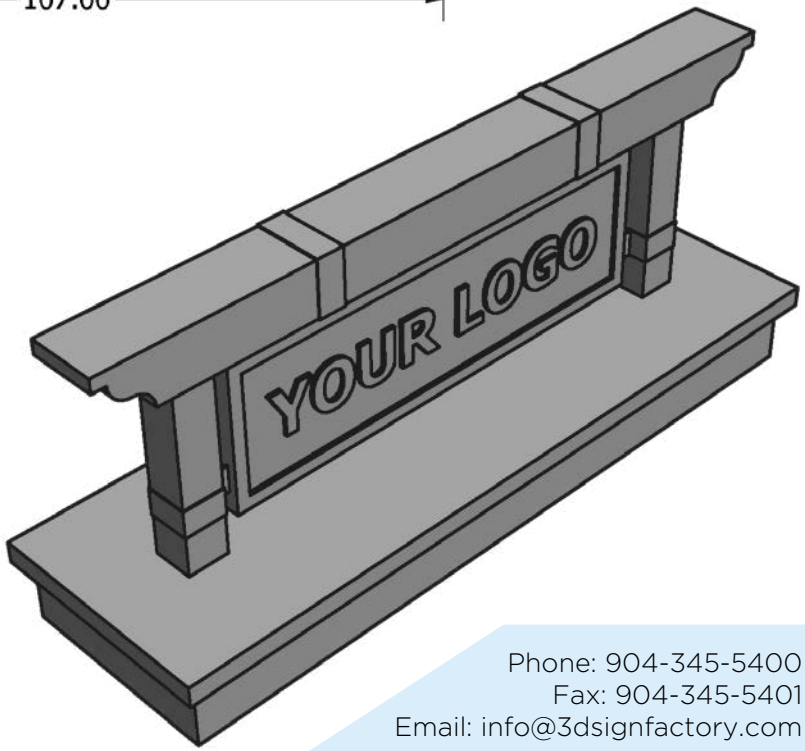
CASTLE-STYLE MASONRY
CA-FSP 7081

OLD BRICK-STYLE MASONRY
OB-FSP 0027

ASSOL-STYLE MASONRY
AS-FSP 609







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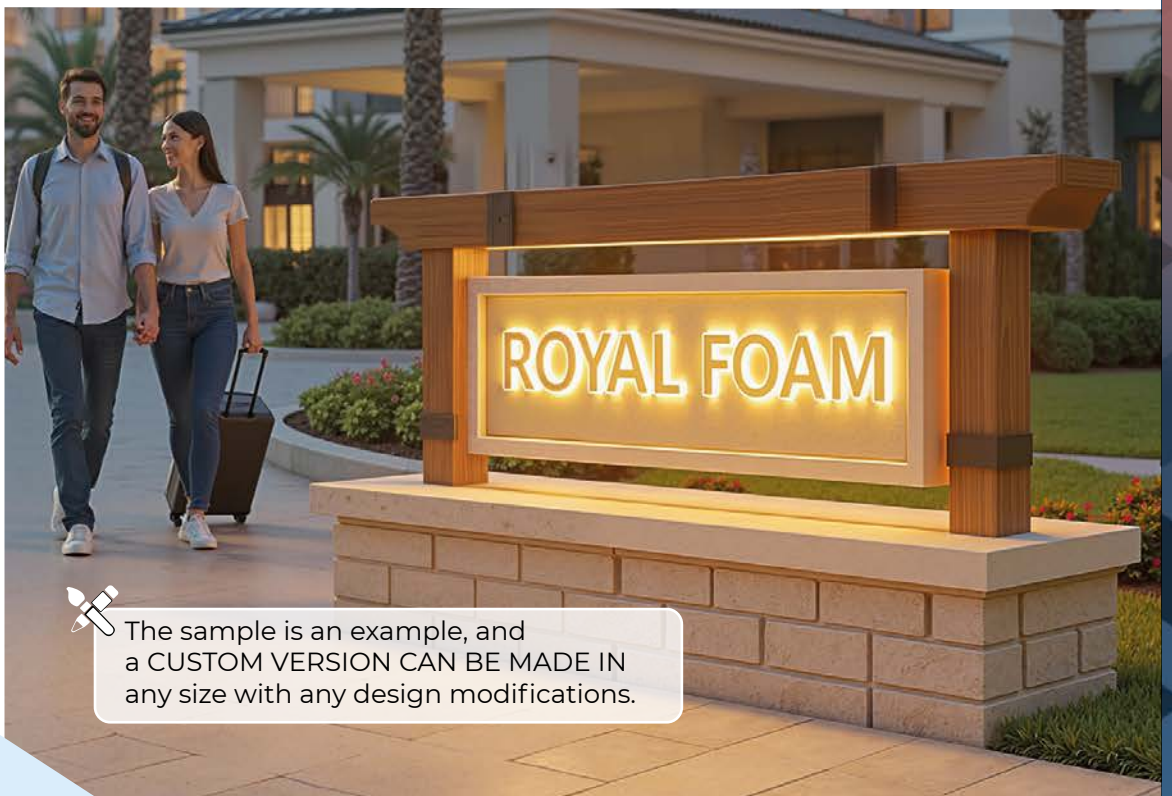
This monument sign model features a clean and understated design that draws full attention to the name of the organization or institution. Its simple form and crisp lines provide a harmonious backdrop that allows the lettering or logo to stand out prominently.

It is an excellent choice for bold brand names or complex typographic designs, highlighting their expressiveness and making them the central focus of the structure. We offer a wide selection of colors, textures, and cladding materials, enabling you to create a truly customized solution that perfectly complements the style and architecture of your property.



175 mph
175 mph
Wind Resistance

Does Not Rot

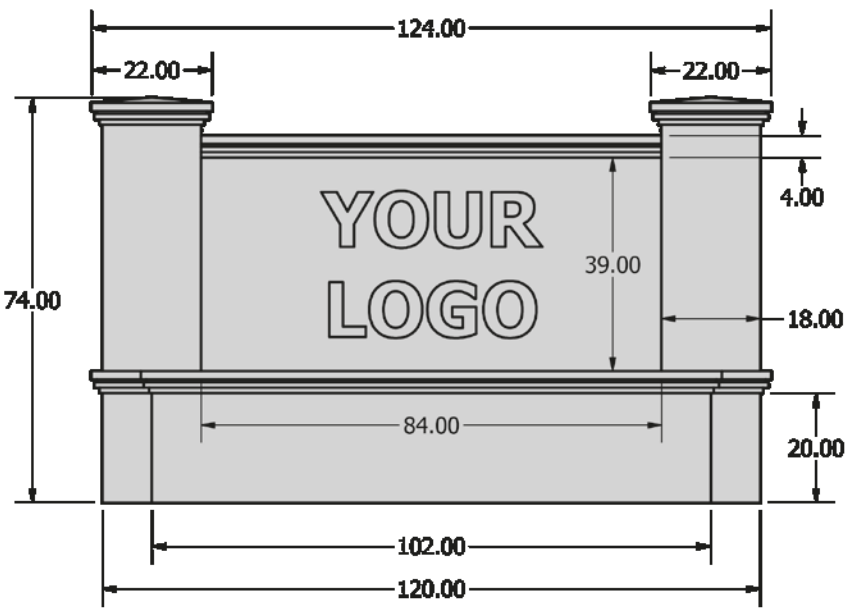
Not Eaten by Insects or Birds

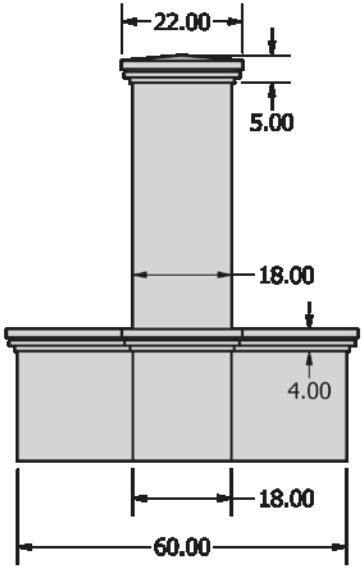
UV Resistant

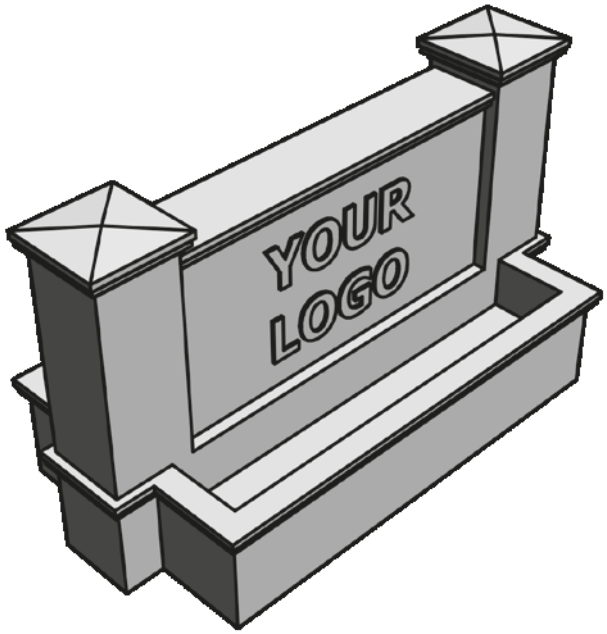
Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 009







DRY STONE WALLING STYLE
DS-FSP 9126

RUSTIC-STYLE MASONRY
RS-FSP 9090

RONDO-STYLE MASONRY
RO-FSP 7503- 6159

RUBLE-STYLE MASONRY
RU-FSP 9152

PLATEAU-STYLE MASONRY
PS-FSP 7060

OLD BRICK-STYLE MASONRY
OB-FSP 0027

SLAB-STYLE MASONRY
SL-FSP 9089

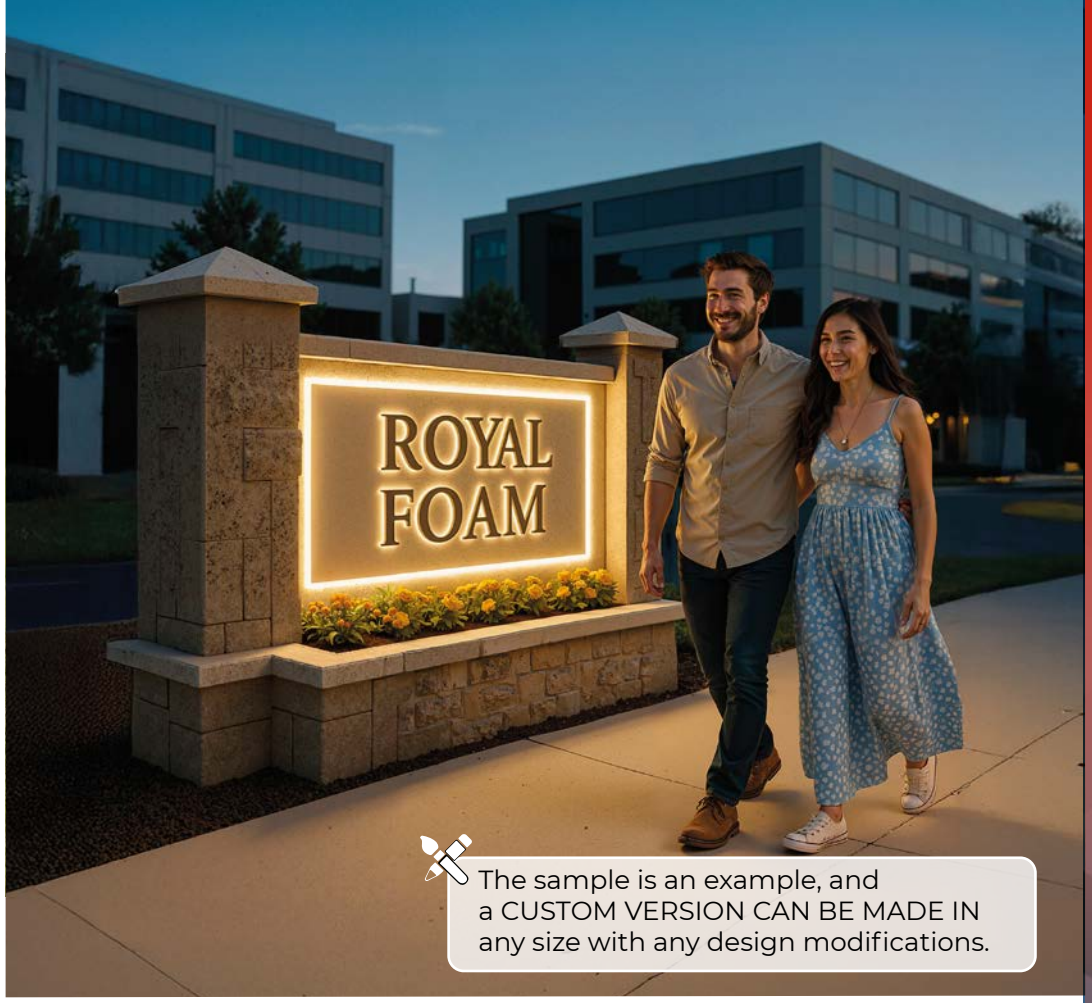
RUSTIC BRICK-STYLE MASONRY
RB-FSP 6040

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

RIVER ROCK-STYLE MASONRY
RR-FSP 9092

CASTLE-STYLE MASONRY
CA-FSP 7643

ASSOL-STYLE MASONRY
AS-FSP 9116



The sample is an example, and
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This monument sign is designed in a classic style. The architectural precision and monumental proportions convey a sense of stability and prestige, while the integrated flower planter adds a touch of life and nature. This balance of elegance and harmony makes the design suitable for a wide range of properties — from corporate and administrative complexes to cultural institutions and national parks.

We offer full customization: textures, color palettes, and decorative details are tailored specifically to your project. The design can be adapted to your needs — side inserts or finishing

175 mph
175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

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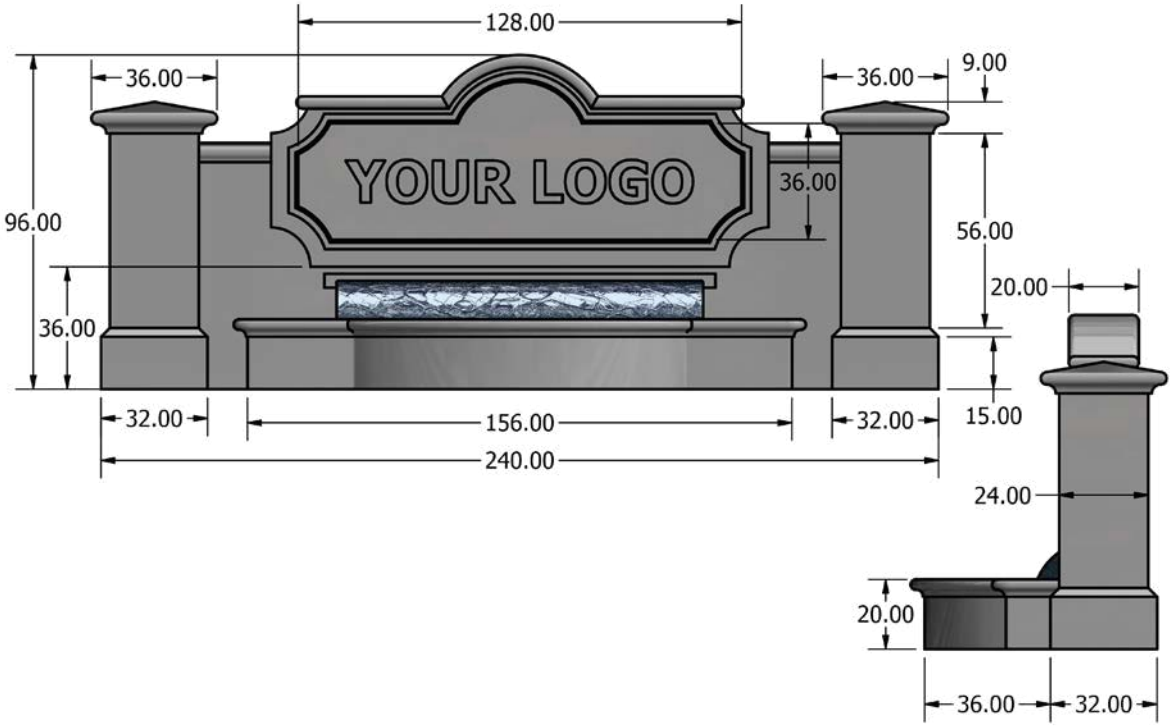
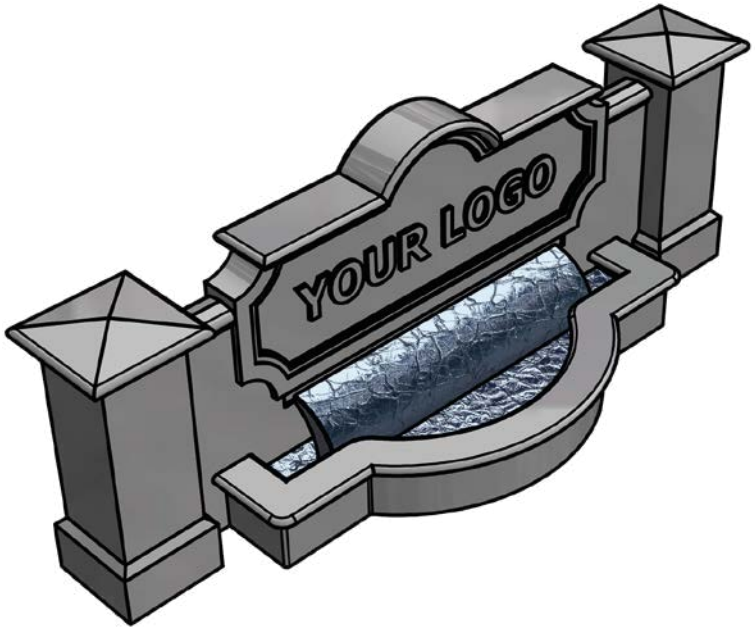
Monument sign MS 010





DRY STONE WALLING STYLE
DS-FSP 9126

RUSTIC-STYLE MASONRY
RS-FSP 9110- 6151

RONDO-STYLE MASONRY
RO-FSP 6044- 6032

RUBLE-STYLE MASONRY
RU-FSP 9082

PLATEAU-STYLE MASONRY
PS-FSP 9110-615

OLD BRICK-STYLE MASONRY
OB-FSP 6053

SLAB-STYLE MASONRY
SL-FSP 9117

RUSTIC BRICK-STYLE MASONRY
RB-FSP 7004

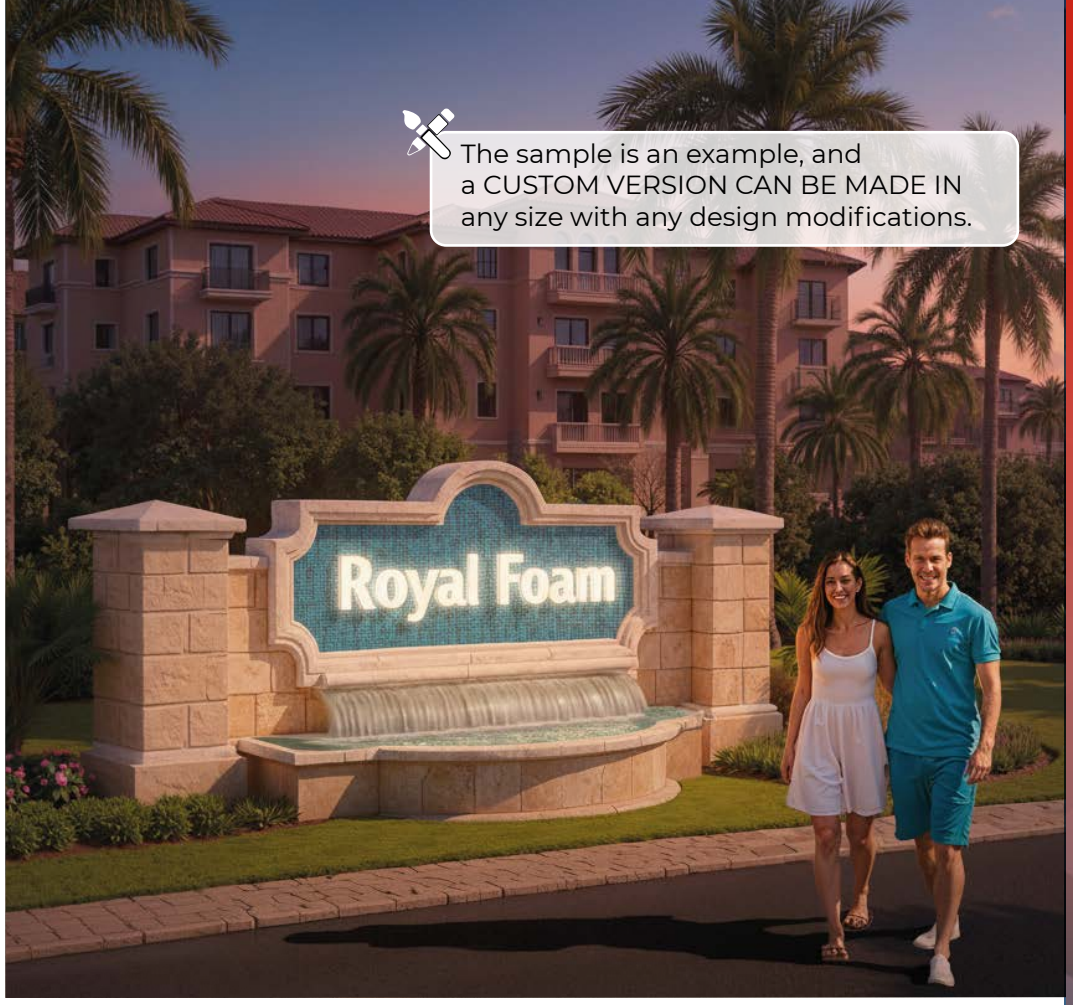
SHAHRIAR-STYLE MASONRY
SH-FSP 9088

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7534

ASSOL-STYLE MASONRY
AS-FSP 6248

STYLE MASONRY SH-FSP 9088



The sample is an example, and
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any size with any design modifications.

Monument sign MS 010

This monument sign model features a clean and understated design that draws full attention to the name of the organization or institution. Its simple form and crisp lines provide a harmonious backdrop that allows the lettering or logo to stand out prominently.
It is an excellent choice for bold brand names or complex typographic designs, highlighting their expressiveness and making them the central focus of the structure. We offer a wide selection of colors, textures, and cladding materials, enabling you to create a truly customized solution that perfectly complements the style and architecture of your property.

- *175 mph* Wind Resistance
- *Does* Not Rot
- *Not Eaten by* Insects or Birds
- *UV* Resistant
- *Cold* Resistant

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Monument sign MS 011

DRY STONE WALLING STYLE
DS-FSP 9152

SLAB-STYLE MASONRY
SL-FSP 6149-9084

RUSTIC-STYLE MASONRY
RS-FSP 9117- 6200

RUSTIC BRICK-STYLE MASONRY
RB-FSP 9112

RONDO-STYLE MASONRY
RO-FSP 6100- 9080

SHAHRIAR-STYLE MASONRY
SH-FSP 9088

RUBLE-STYLE MASONRY
RU-FSP 6004

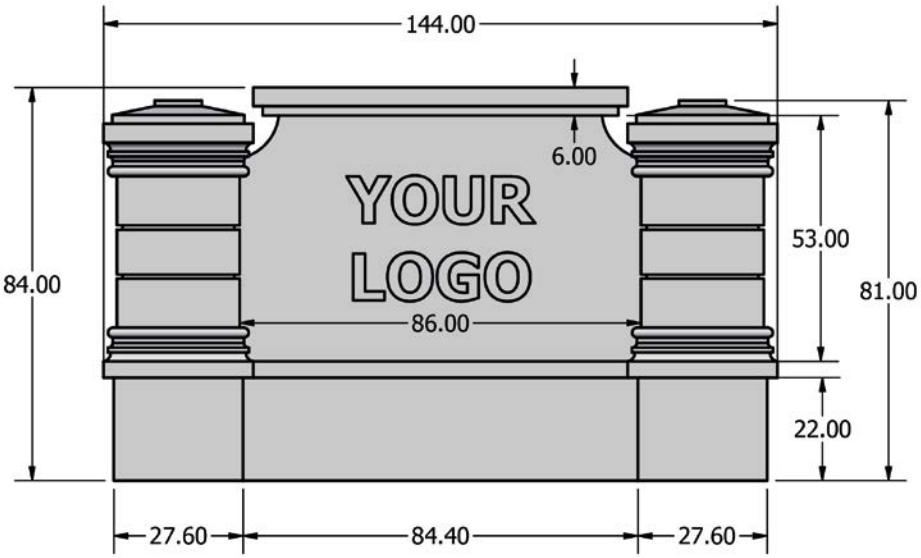
CASTLE-STYLE MASONRY
CA-FSP 7643

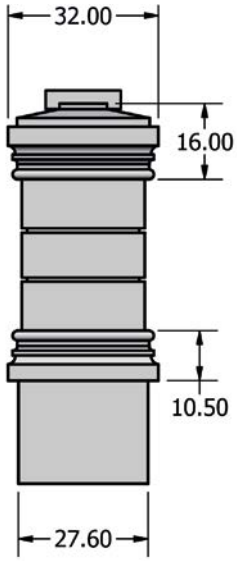
PLATEAU-STYLE MASONRY
PS-FSP 6094

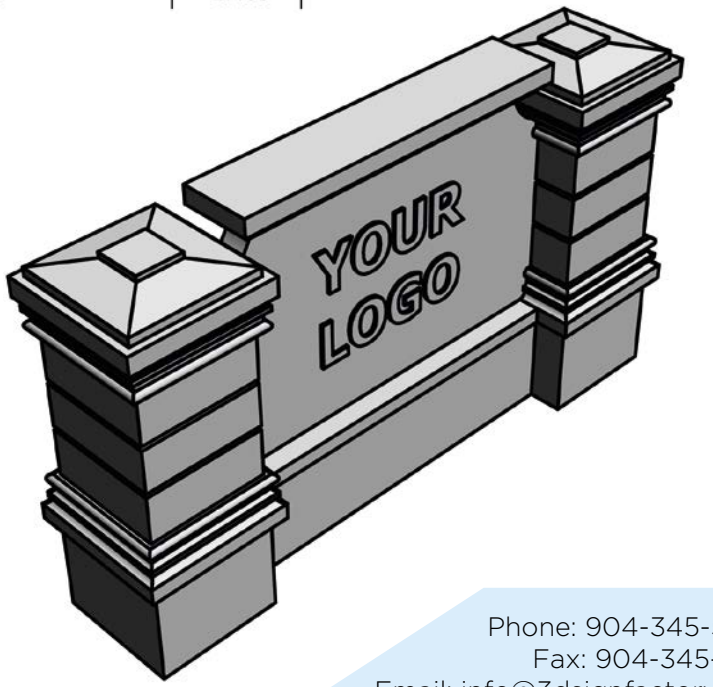
CASTLE-STYLE MASONRY
CA-FSP 7629

OLD BRICK-STYLE MASONRY
OB-FSP 0027

ASSOL-STYLE MASONRY
AS-FSP 7014







Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com

This monument sign model is designed in a classic style, making it a perfect choice for properties with monumental architecture. Its strong lines and solid proportions convey a sense of permanence and trust, reinforcing the distinguished image of any organization.

We provide full customization of the exterior — from color palette and textures to cladding materials — ensuring the sign is tailored to your project and seamlessly complements the surrounding architecture while highlighting your brand's unique character.

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

Monument sign MS 012

DRY STONE WALLING STYLE
DS-FSP 9098

SLAB-STYLE MASONRY
SL-FSP 6149-9084

RONDO-STYLE MASONRY
RO-FSP 6151- 6278

RUSTIC BRICK-STYLE MASONRY
RB-FSP 6034

RUBLE-STYLE MASONRY
RU-FSP 6053

SHAHRIAR-STYLE MASONRY
SH-FSP 6046

PLATEAU-STYLE MASONRY
PS-FSP 6094-6060

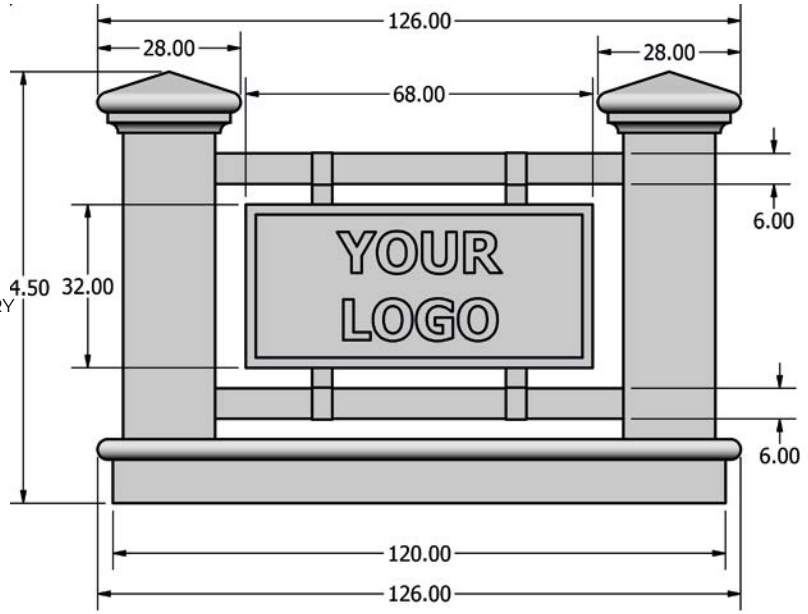
RIVER ROCK-STYLE MASONRY
RR-FSP 9143

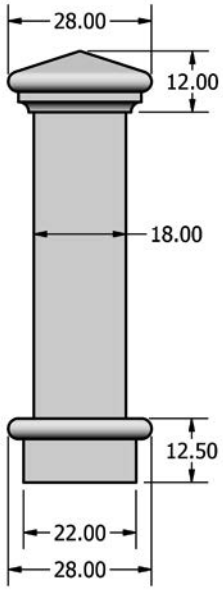
OLD BRICK-STYLE MASONRY
OB-FSP 0027

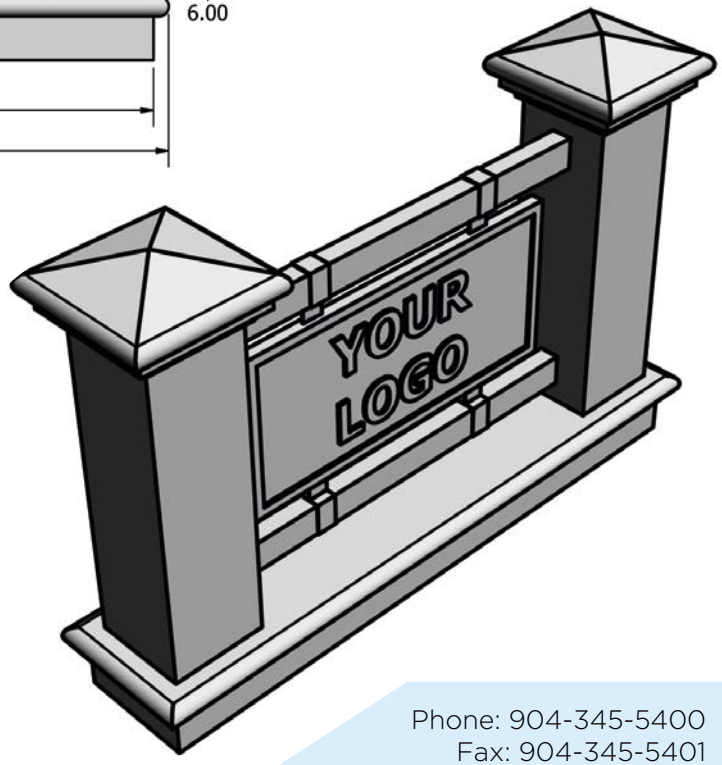
CASTLE-STYLE MASONRY
CA-FSP 9078

RUSTIC-STYLE MASONRY
RS-FSP 7650

ASSOL-STYLE MASONRY
AS-FSP 7060







Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com

This distinctive monument sign combines classical elements with natural accents, making it an excellent choice for administrative buildings connected with nature — for example, the headquarters of a farming company. It also fits perfectly at facilities such as environmental organizations, agri-tourism complexes, national parks, or regional administrative centers.

The blend of country style and classical design gives the structure a unique character, while its impressive form ensures a truly monumental presence. We offer full customization — from textures and color schemes to finishing materials — allowing you to create a solution that perfectly matches your project and architectural vision.

175 mph
Wind Resistance

Does Not Rot

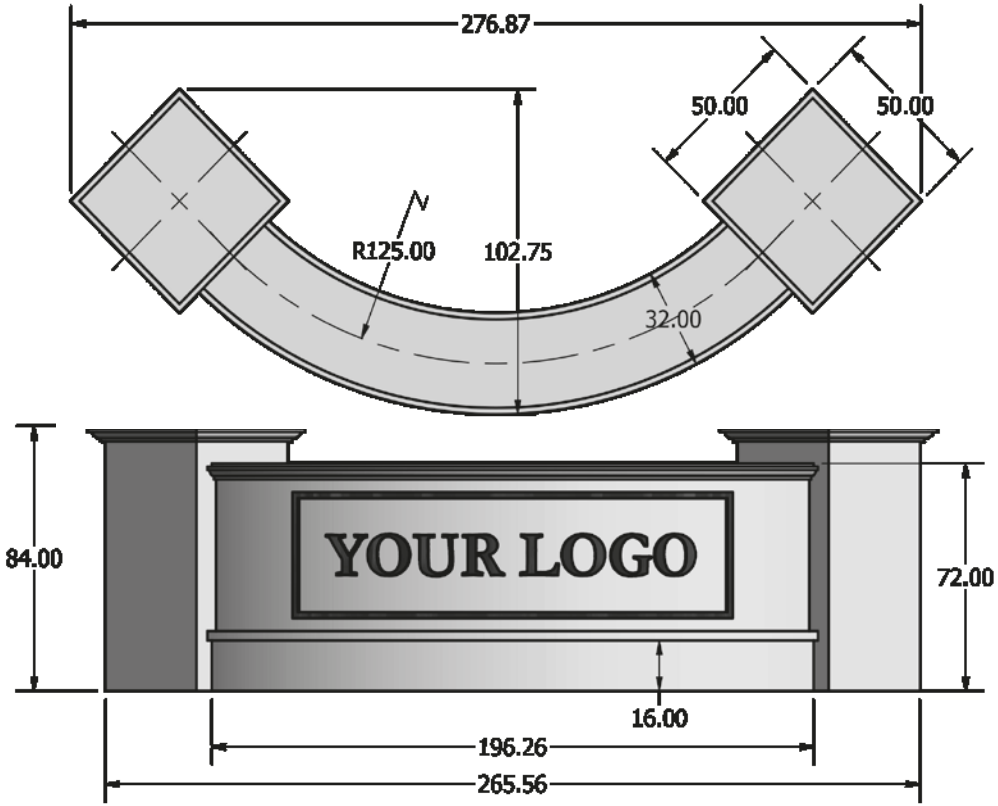
Not Eaten by Insects or Birds

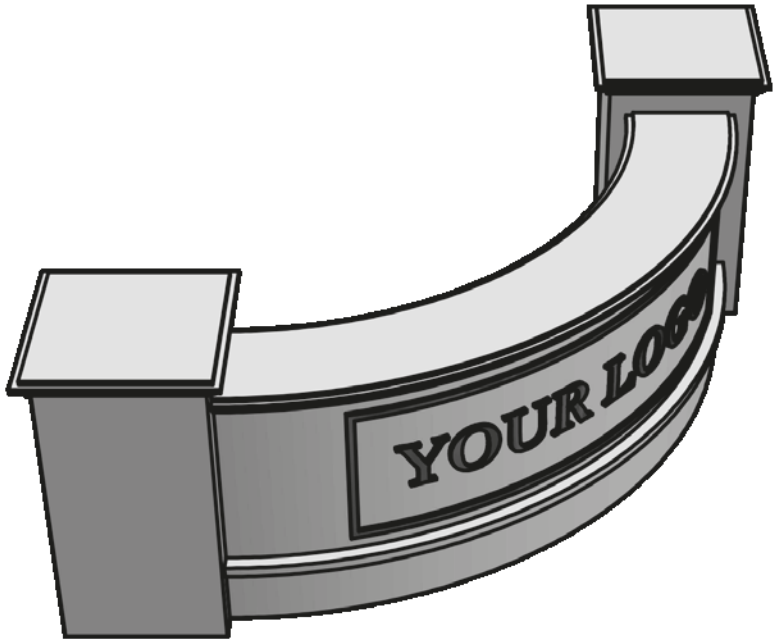
UV Resistant

Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 013





DRY STONE WALLING STYLE
DS-FSP 9111

RUSTIC-STYLE MASONRY
RS-FSP 9090

RONDO-STYLE MASONRY
RO-FSP 7031- 7018

RUBLE-STYLE MASONRY
RU-FSP 0038

PLATEAU-STYLE MASONRY
PS-FSP 7060

OLD BRICK-STYLE MASONRY
OB-FSP 0027

SLAB-STYLE MASONRY
SL-FSP 9089

RUSTIC BRICK-STYLE MASONRY
RB-FSP 6040

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7643

ASSOL-STYLE MASONRY
AS-FSP 7052

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

The size and thoughtful design of this monument sign make it an excellent choice for national parks, nature reserves, and other landmarks in large open spaces. Its elongated horizontal shape keeps long names or messages visible even from a distance.
With its solid construction and curved front, this sign can serve as a welcoming feature or part of a broader wayfinding system. It's also ideal for entry areas, visitor centers, recreational complexes, or public parks — anywhere functionality and aesthetics work together. We offer full customization so the sign matches your vision. Choose colors, dimensions, and textures to create a design that reflects your organization's identity.

175 mph
Wind Resistance

Does
Not Rot

Not Eaten by
Insects or Birds

UV
Resistant

Cold
Resistant

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Email: info@3dsignfactory.com

Monument sign MS 014

SLAB-STYLE MASONRY
SL-FSP 9112

RUSTIC BRICK-STYLE MASONRY
RB-FSP 7004

SHAHRIAR-STYLE MASONRY
SH-FSP 7025

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7081

ASSOL-STYLE MASONRY
AS-FSP 9092

DRY STONE WALLING STYLE
DS-FSP 9117

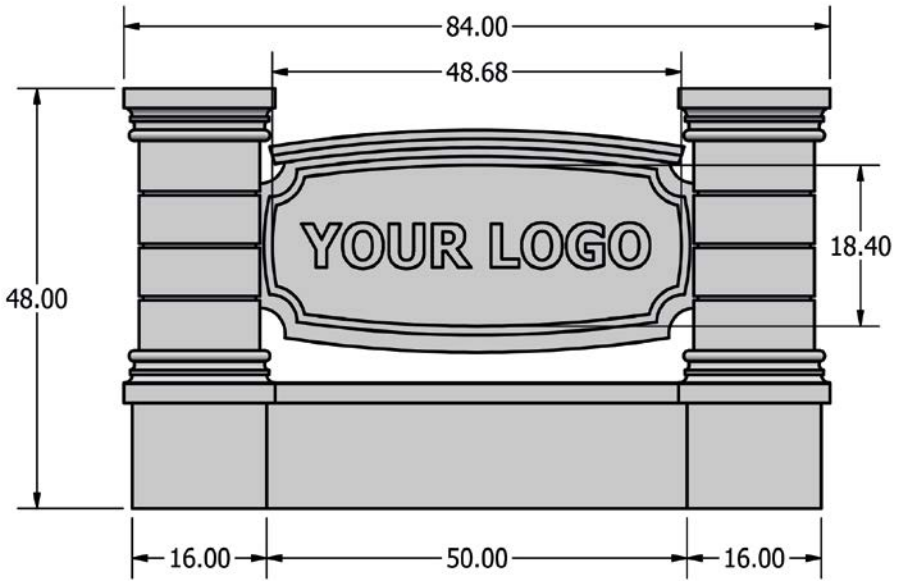
RUSTIC-STYLE MASONRY
RS-FSP 9097

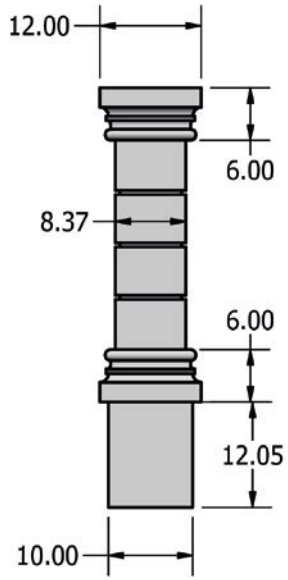
RUBLE-STYLE MASONRY
RU-FSP 9082

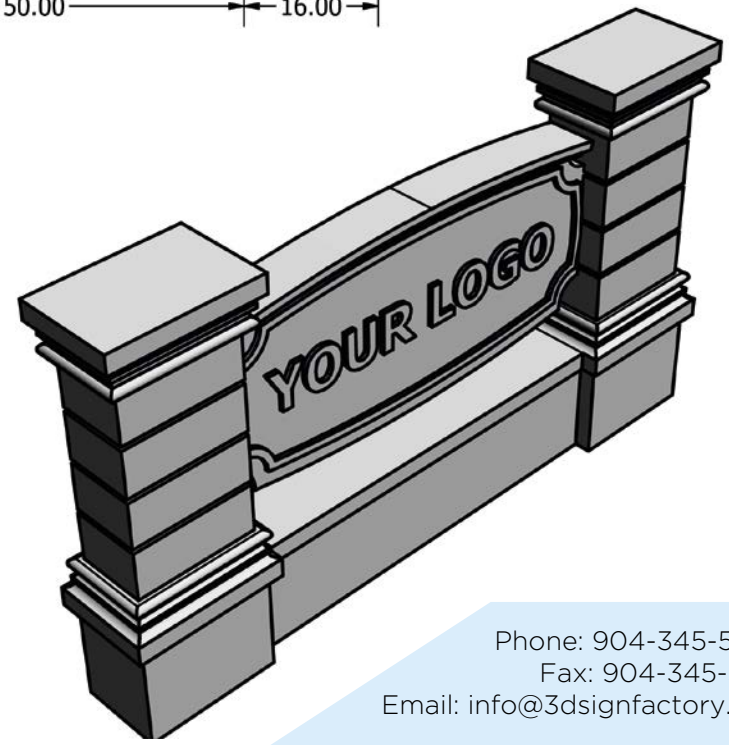
RONDO-STYLE MASONRY
RO-FSP 6100- 9080

PLATEAU-STYLE MASONRY
PS-FSP 9117-9092

OLD BRICK-STYLE MASONRY
OB-FSP 6009







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Email: info@3dsignfactory.com

This monument sign model is designed in a classic style, making it a perfect choice for properties with monumental architecture. Its strong lines and solid proportions convey a sense of permanence and trust, reinforcing the distinguished image of any organization.

We provide full customization of the exterior — from color palette and textures to cladding materials — ensuring the sign is tailored to your project and seamlessly complements the surrounding architecture while highlighting your brand's unique character.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 015

RUSTIC-STYLE MASONRY
RS-FSP 9117- 6200

RUSTIC BRICK-STYLE MASONRY
RB-FSP 9112

RONDO-STYLE MASONRY
RO-FSP 6151- 6278

SHAHRIAR-STYLE MASONRY
SH-FSP 9093

RUBLE-STYLE MASONRY
RU-FSP 9082

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

PLATEAU-STYLE MASONRY
PS-FSP 9110-6151

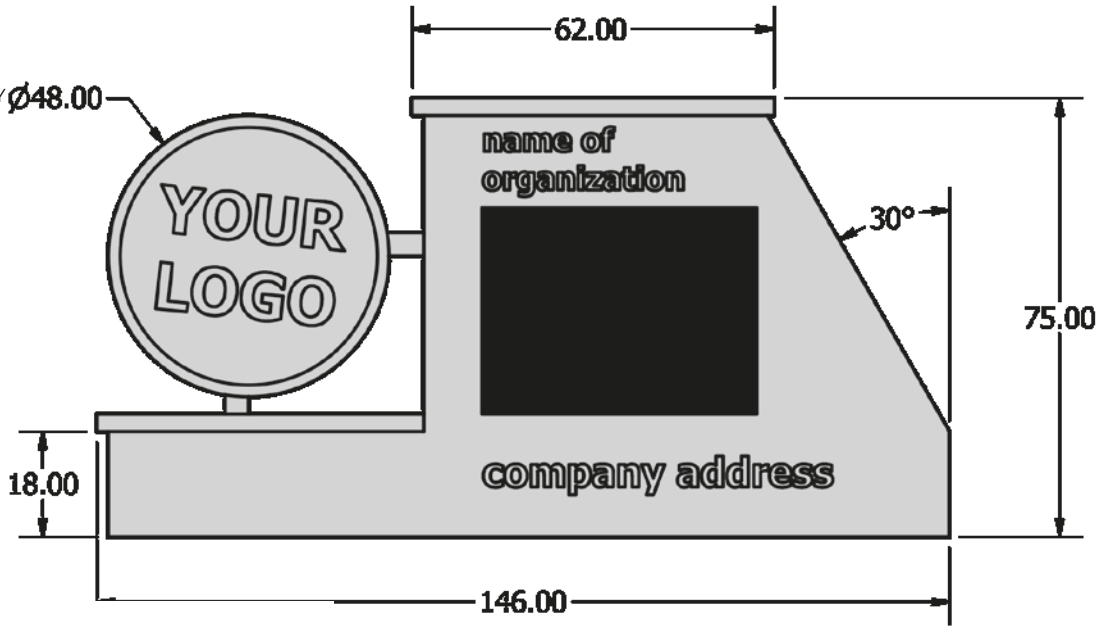
CASTLE-STYLE MASONRY
CA-FSP 7643

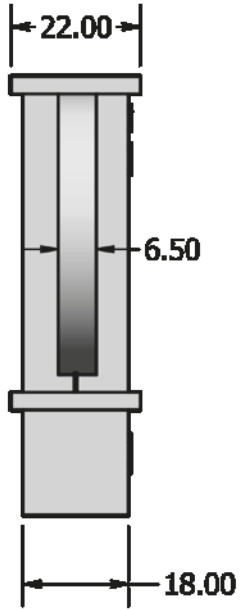
OLD BRICK-STYLE MASONRY
OB-FSP 7715

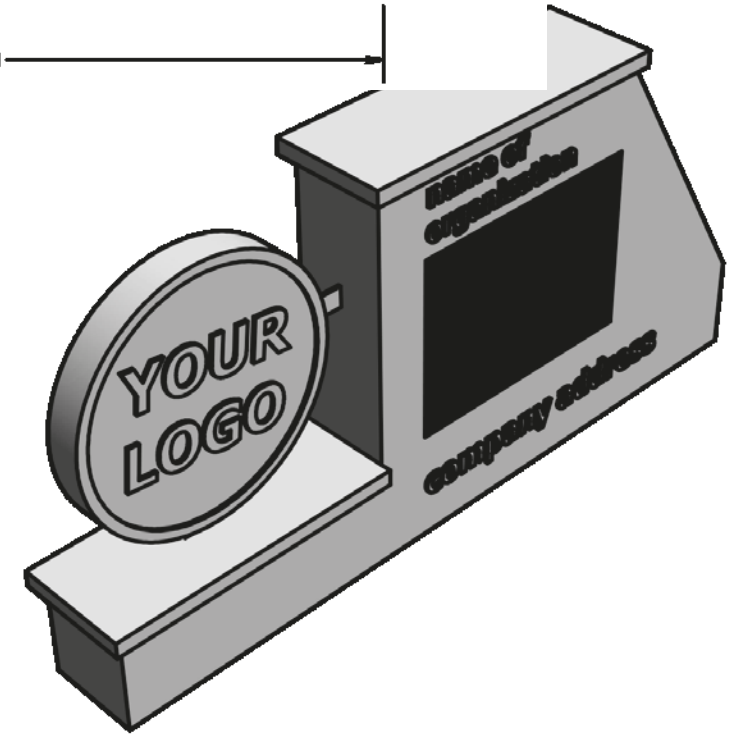
DRY STONE WALLING STYLE
DS-FSP 9152

SLAB-STYLE MASONRY
SL-FSP 9131

SLAB-STYLE MASONRY
SL-FSP 6149-9084

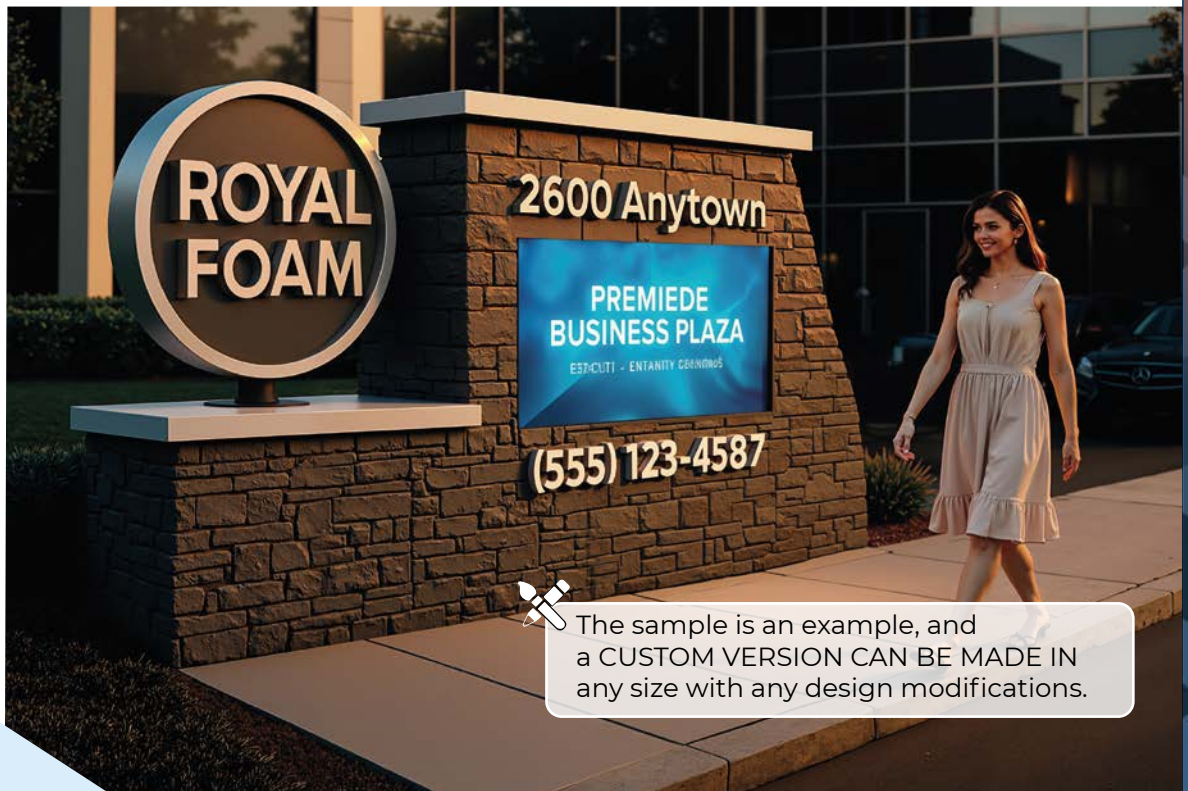






3d Sign Factory uses CNC routing to fabricate custom signage from expanded polystyrene (EPS) and high-density urethane (HDU). After cutting, each component is professionally sanded, primed, and coated in a controlled spray booth using UV-stable, weather-resistant paints.

EPS provides a lightweight core suitable for large, complex shapes, while HDU offers high dimensional stability and resistance to moisture, cracking, and temperature extremes.



175 mph
175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 016

SLAB-STYLE MASONRY
SL-FSP 9112

RUSTIC BRICK-STYLE MASONRY
RB-FSP 7004

SHAHRIAR-STYLE MASONRY
SH-FSP 7025

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7081

ASSOL-STYLE MASONRY
AS-FSP 9092

DRY STONE WALLING STYLE
DS-FSP 9117

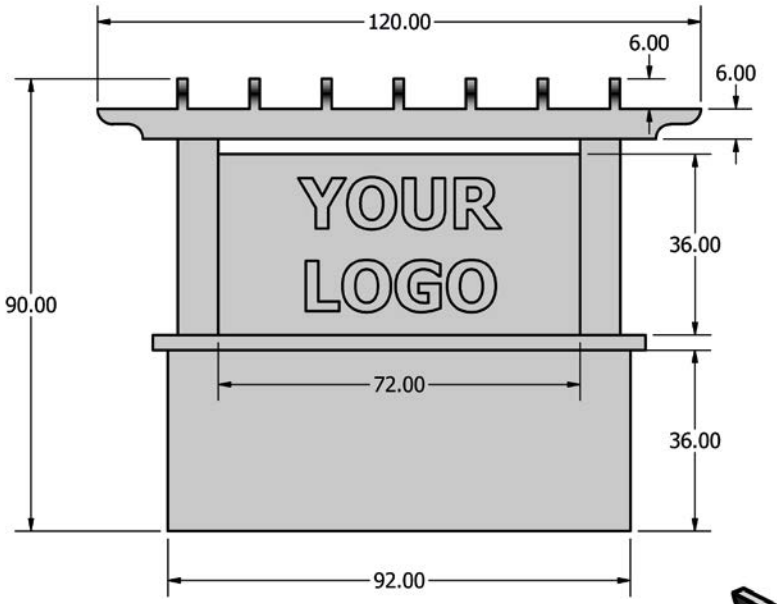
RUSTIC-STYLE MASONRY
RS-FSP 9097

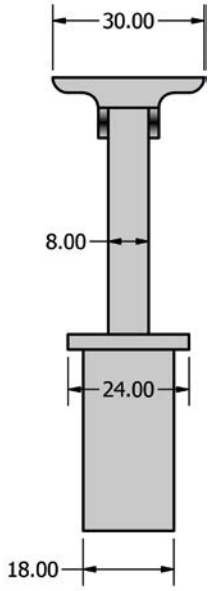
RUBLE-STYLE MASONRY
RU-FSP 9082

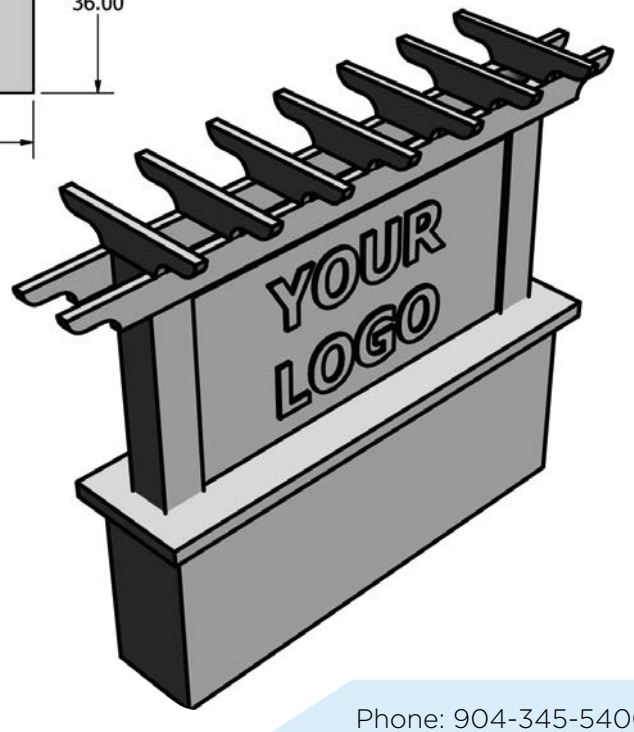
RONDO-STYLE MASONRY
RO-FSP 6100- 9080

PLATEAU-STYLE MASONRY
PS-FSP 9117-9092

OLD BRICK-STYLE MASONRY
OB-FSP 6009







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This monument sign model is enhanced with a decorative pergola that adds a stylish and distinctive accent to the structure. It pairs perfectly with wooden canopies, poolside areas, and lounge spaces, creating a unified architectural concept. The exposed beams add depth and character, making the sign not only an informational element but also a part of the overall design.

We offer full customization — with a wide selection of colors, textures, and finishes — allowing you to create a solution that blends seamlessly with its surroundings while emphasizing the unique character of your project.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

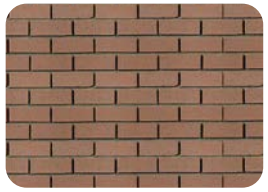
Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 017

SLAB-STYLE MASONRY
SL-FSP 9112

DRY STONE WALLING STYLE
DS-FSP 9117


RUSTIC BRICK-STYLE MASONRY
RB-FSP 6060

RUSTIC-STYLE MASONRY
RS-FSP 9097

SHAHRIAR-STYLE MASONRY
SH-FSP 7025

RONDO-STYLE MASONRY
RO-FSP 7081- 7079

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

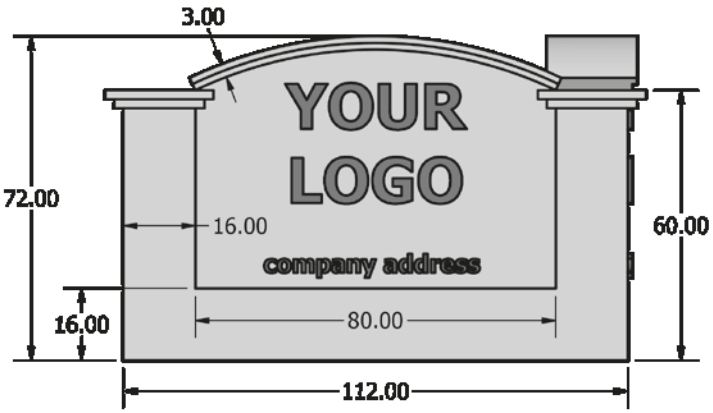
RUBLE-STYLE MASONRY
RU-FSP 9082

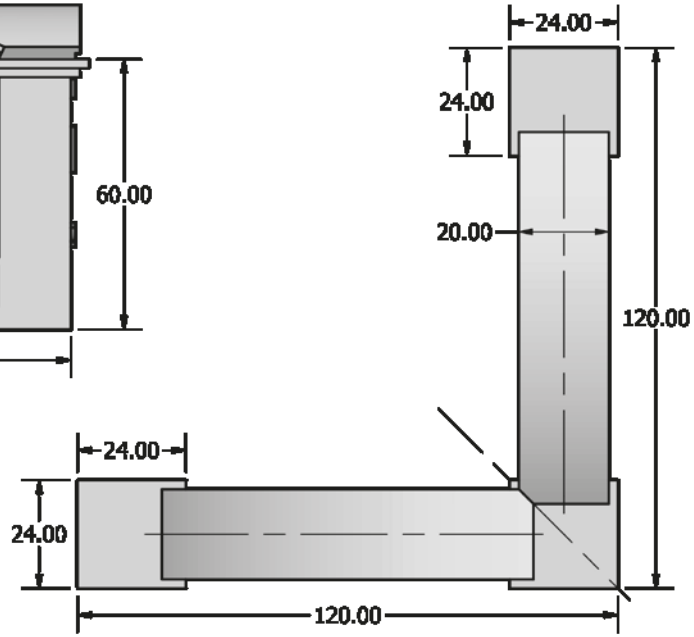
OLD BRICK-STYLE MASONRY
OB-FSP 0027

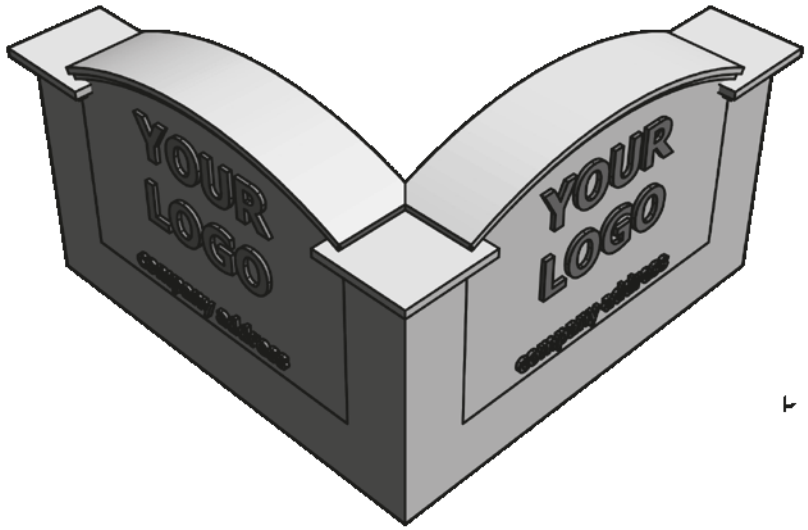
PLATEAU-STYLE MASONRY
PS-FSP 9117-9092

ASSOL-STYLE MASONRY
AS-FSP 7081

OLD BRICK-STYLE MASONRY
OB-FSP 9117







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This monumental sign is the perfect solution for properties located on a corner or at an intersection. Its double-sided design ensures excellent visibility from both directions, maximizing exposure and enhancing your brand's presence.

The structure allows you to display information for two companies at once, making it ideal for shared entrances or neighboring sites. Optional night lighting keeps the sign striking and readable even after dark.

We offer full customization options, including materials, textures, colors, fonts, logo placement, and lighting elements — everything to ensure the sign perfectly reflects your brand's style and character.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

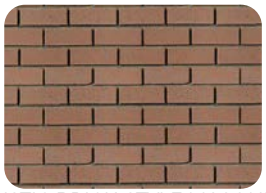
UV Resistant

Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 018

RONDO-STYLE MASONRY
RO-FSP 7031- 7018


RUSTIC BRICK-STYLE MASONRY
RB-FSP 6060

RUSTIC-STYLE MASONRY
RS-FSP 9110- 6151

SHAHRIAR-STYLE MASONRY
SH-FSP 9088

RUBLE-STYLE MASONRY
RU-FSP 0009

RIVER ROCK-STYLE MASONRY
RR-FSP 9092

PLATEAU-STYLE MASONRY
PS-FSP 9110-615

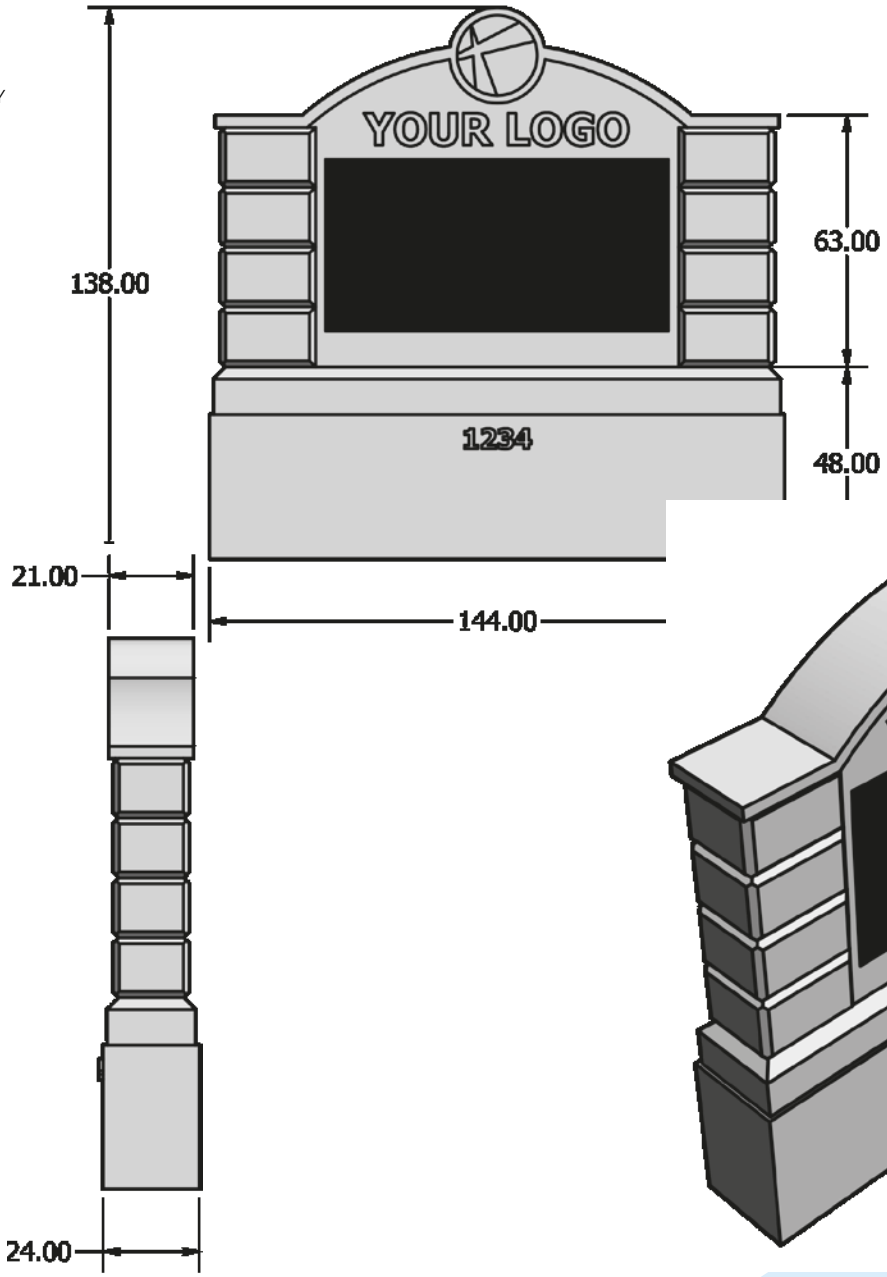
CASTLE-STYLE MASONRY
CA-FSP 7534

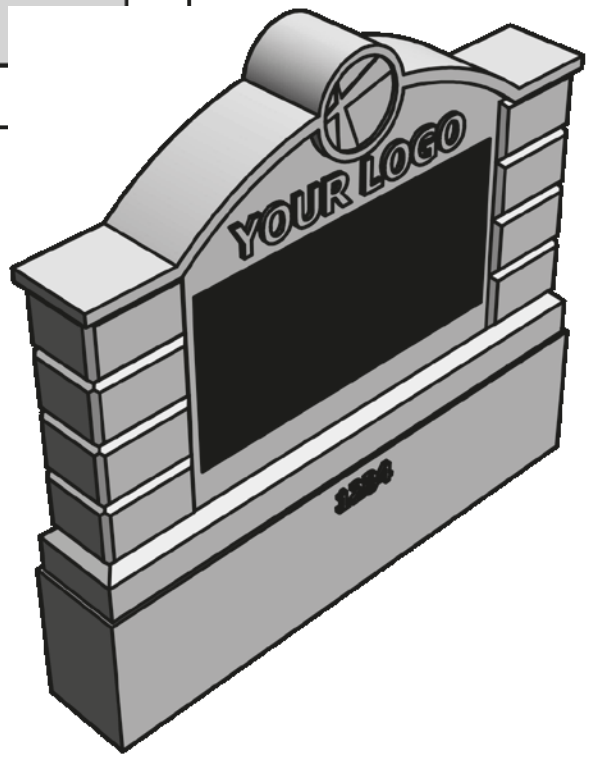
OLD BRICK-STYLE MASONRY
OB-FSP 9117

ASSOL-STYLE MASONRY
AS-FSP 703

SLAB-STYLE MASONRY
SL-FSP 9117

DRY STONE WALLING STYLE
DS-FSP 9126





This monument sign model is a versatile solution that works perfectly for supermarkets, retail centers, and shopping plazas located near highways or at city exits. Its clean, minimalist design is both stylish and functional, delivering maximum visibility without unnecessary details.

We offer full customization options — from color schemes and surface textures to dimensions and lettering style — allowing you to create a sign that aligns perfectly with your brand identity and architectural surroundings. Its timeless look ensures it will remain relevant and impactful for

175 mph
175 mph
Wind Resistance

Does Not Rot

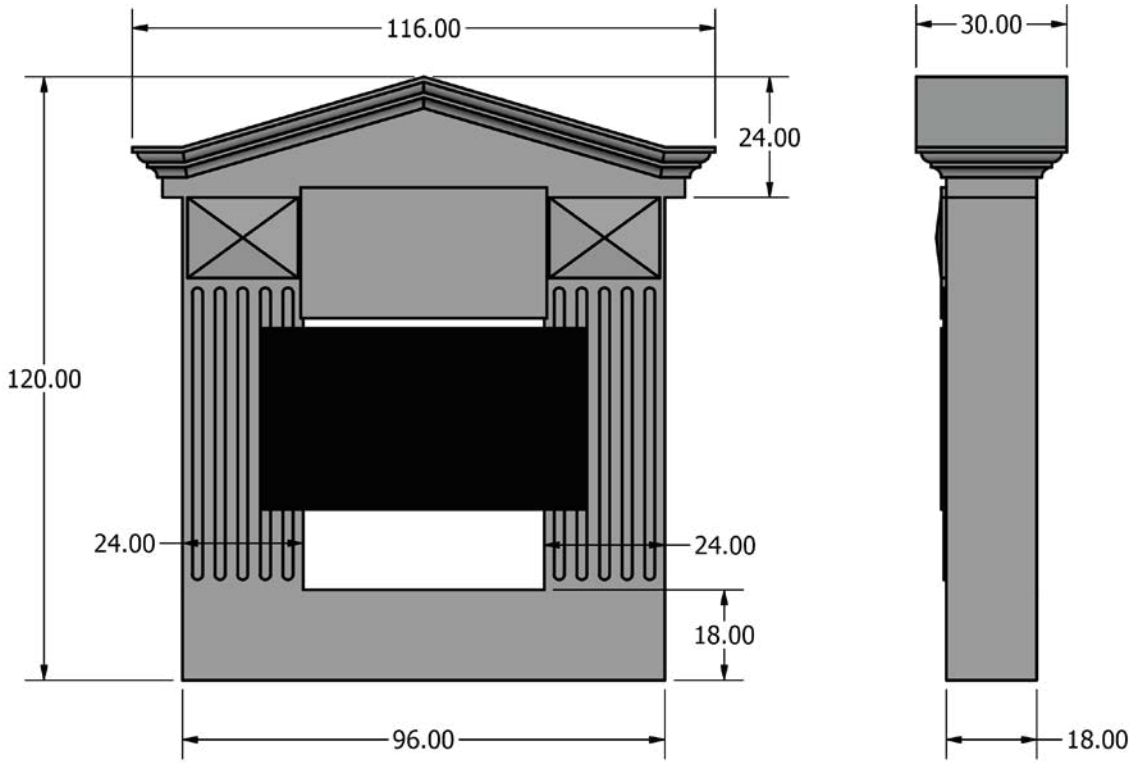
Not Eaten by Insects or Birds

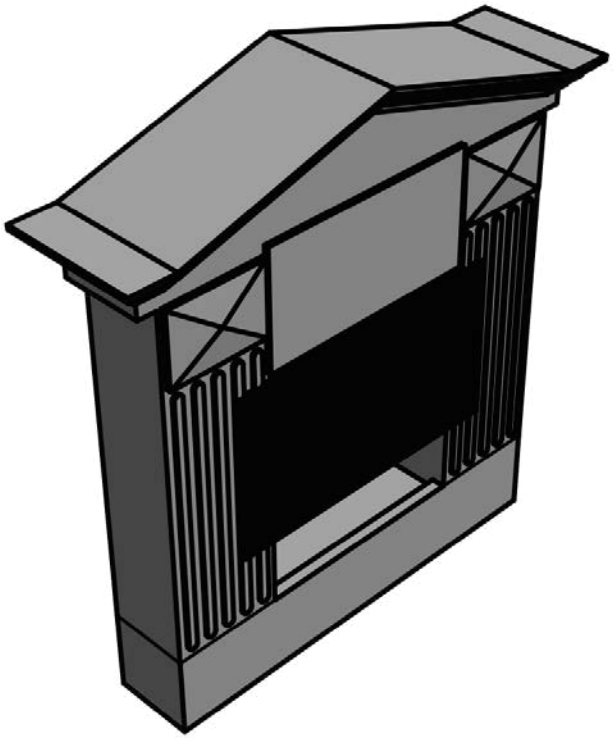
UV Resistant

Cold Resistant

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

Monument sign MS 019





RUSTIC-STYLE MASONRY
RS-FSP 9117- 6200

RONDO-STYLE MASON
RY RO-FSP 7503- 6159

RUBLE-STYLE MASONRY
RU-FSP 0009

Plateau-Style Masonry
PS-FSP 6094

OLD BRICK-STYLE MASONRY
OB-FSP 0027

SLAB-STYLE MASONRY
SL-FSP 9131

RUSTIC BRICK-STYLE MASONRY
RB-FSP 9112

SHAHRIAR-STYLE MASONRY
SH-FSP 9093

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7643

ASSOL-STYLE MASONRY
AS-FSP 7060

DRY STONE WALLING STYLE
DS-FSP 9152

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

Monument sign MS 019

This monument sign model is an ideal choice for religious and nonprofit organizations. Its design blends classic elements, monumental presence, and modern architectural lines. The structure unites generations, symbolizing tradition and openness to the future. The thoughtful form and expressive geometry give the sign depth — it feels like an architectural feature rather than just an informational display. The integrated cross and dedicated space for the name and address make it both striking and functional. We also offer full customization: choose materials, textures, and colors to create a unique sign that reflects your organization's mission. to decorative details — ensuring the sign complements the surrounding environment while reflecting your organization's identity.

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

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Monument sign MS 020

RUSTIC BRICK-STYLE MASONRY
RB-FSP 9112

RUSTIC-STYLE MASONRY
RS-FSP 9117- 6200

SHAHRIAR-STYLE MASONRY
SH-FSP 9093

RONDO-STYLE MASONRY
RO-FSP 6151- 6278

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

RUBLE-STYLE MASONRY
RU-FSP 9082

CASTLE-STYLE MASONRY
CA-FSP 7629

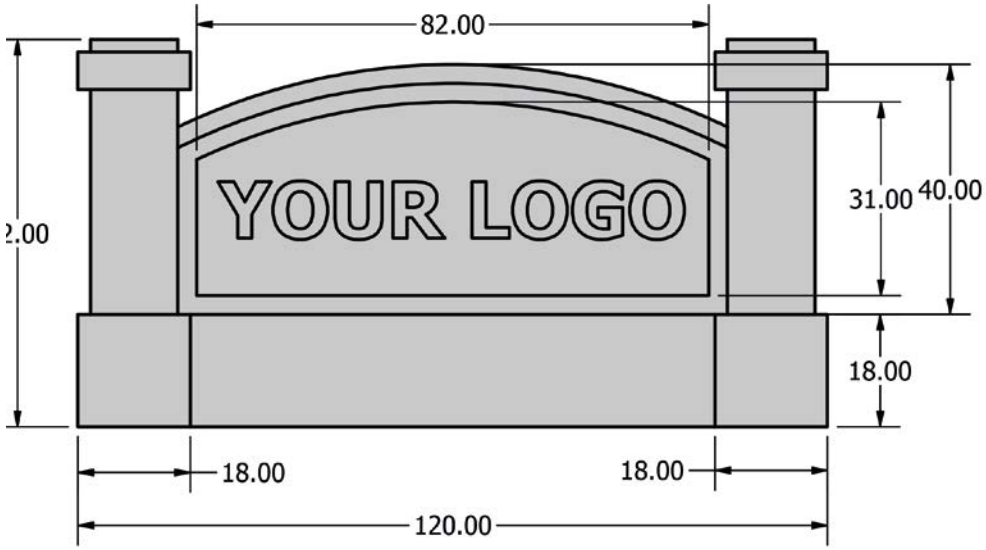
PLATEAU-STYLE MASONRY
PS-FSP 6094

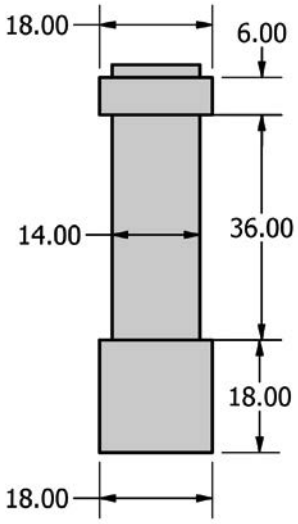
ASSOL-STYLE MASONRY
AS-FSP 7038

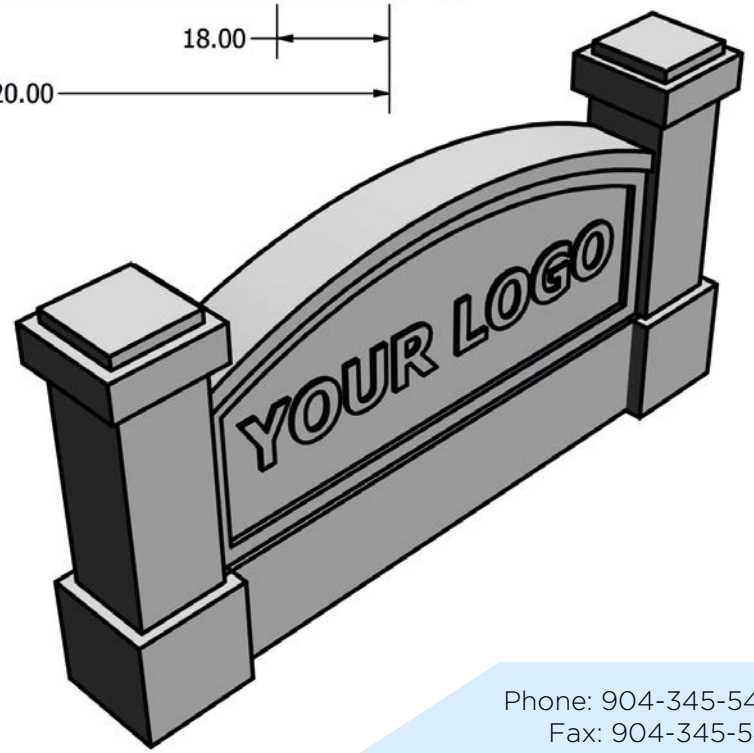
OLD BRICK-STYLE MASONRY
OB-FSP 7715

DRY STONE WALLING STYLE
DS-FSP 9152

SLAB-STYLE MASONRY
SL-FSP 9131







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This monument sign model features a wide, expansive form that makes it a perfect fit for open spaces. Its smooth, flowing lines create a refined look, while the solid side design adds a sense of reliability and strength. It is an impressive solution for golf clubs, yacht marinas, resort complexes, and upscale residential communities, emphasizing both scale and prestige.

We offer full customization — the color palette and surface finish can be tailored to your concept, ensuring the sign blends seamlessly with its surroundings while reflecting the unique style of your project.

The sample is an example, and a CUSTOM VERSION CAN BE MADE IN any size with any design modifications.

175 mph
Wind Resistance

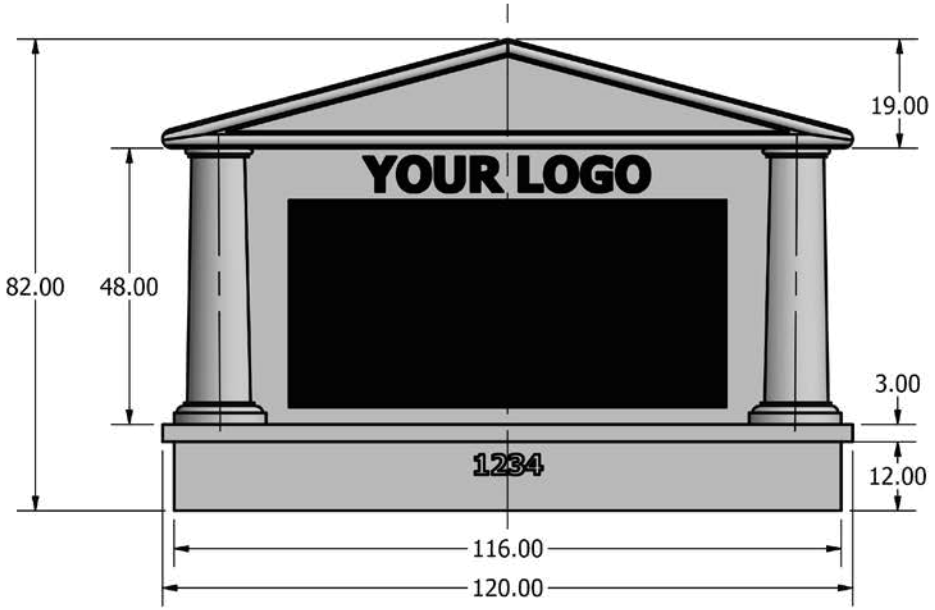
Does Not Rot

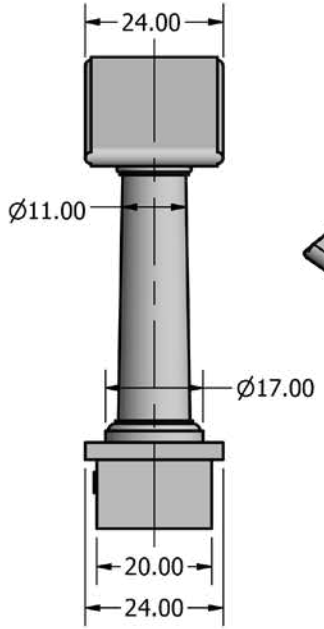
Not Eaten by Insects or Birds

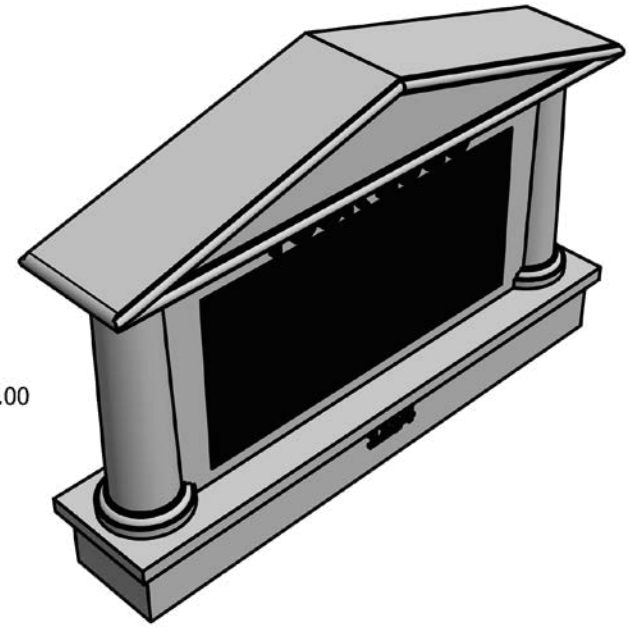
UV Resistant

Cold Resistant

Monument sign MS 021







ASSOL-STYLE MASONRY
AS-FSP 7052

CASTLE-STYLE MASONRY
CA-FSP 7534

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

OLD BRICK-STYLE MASONRY
OB-FSP 0027

RUBLE-STYLE MASONRY
RU-FSP 9082

RUSTIC-STYLE MASONRY
RS-FSP 9097

CASTLE-STYLE MASONRY
CA-FSP 7534

SLAB-STYLE MASONRY
SL-FSP 6149-9084

SHAHRIAR-STYLE MASONRY
SH-FSP 6046

PLATEAU-STYLE MASONRY
PS-FSP 7060

RONDO-STYLE MASONRY
RO-FSP 6100- 9080

DRY STONE WALLING STYLE
DS-FSP 911

This monument sign model is a classic solution with columns and a pediment, combining timeless tradition and prestige with an appearance that blends beautifully into natural surroundings. Its architectural style conveys reliability while remaining elegant and welcoming.
It's an excellent choice for national parks, nature reserves, visitor centers, museums, and historical sites, as well as botanical gardens and eco-tourism destinations where tradition meets nature-inspired design.
The design is fully customizable — from colors, textures, and sizes to decorative details — ensuring the sign complements the environment while reflecting your organization's identity.

175 mph
175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

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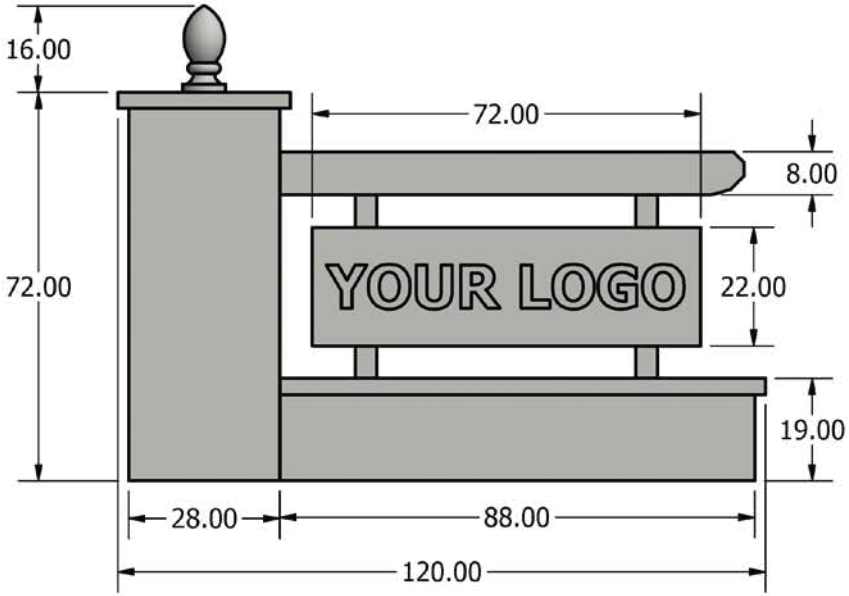
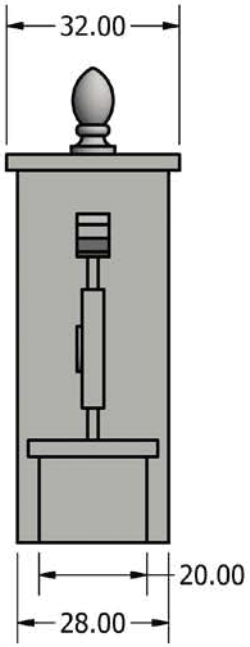
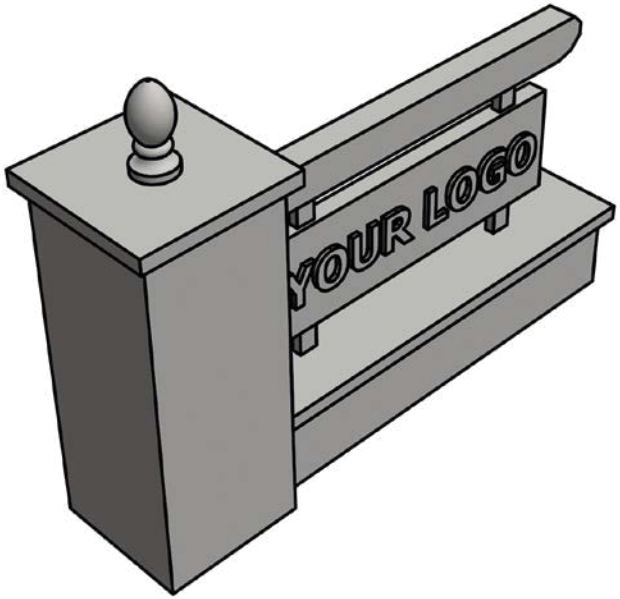
Monument sign MS 022







RUSTIC-STYLE MASONRY
RS-FSP 7650

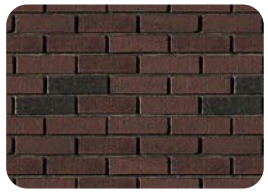
RONDO-STYLE MASONRY
RO-FSP 7081- 7079

RUBLE-STYLE MASONRY
RU-FSP 0009

PLATEAU-STYLE MASONRY
PS-FSP 6094-6060

OLD BRICK-STYLE MASONRY
OB-FSP 9080

SLAB-STYLE MASONRY
SL-FSP 6149-9084


RUSTIC BRICK-STYLE MASONRY
RB-FSP 6034

SHAHRIAR-STYLE MASONRY
SH-FSP 6046

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 9078

ASSOL-STYLE MASONRY
AS-FSP 7052

DRY STONE WALLING STYLE
DS-FSP 9111

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

Monument sign MS 022

This stylish sign is perfect for companies seeking a natural, authentic brand image. Ideal for farms, vineyards, and estates, it creates a warm, welcoming atmosphere right from the entrance.
The key design feature is a horizontal wooden beam that adds natural charm and blends beautifully with any landscape. A decorative lantern not only lights the space but also brings a mysterious, cozy mood, especially enchanting in the evening. More than an information board, this sign becomes a stylish accent highlighting the individuality and prestige of your property. We can customize it with any texture, color, or design details to ensure it perfectly reflects your site's character and uniqueness.

- *175 mph* Wind Resistance
- *Does* Not Rot
- *Not Eaten by* Insects or Birds
- *UV* Resistant
- *Cold* Resistant

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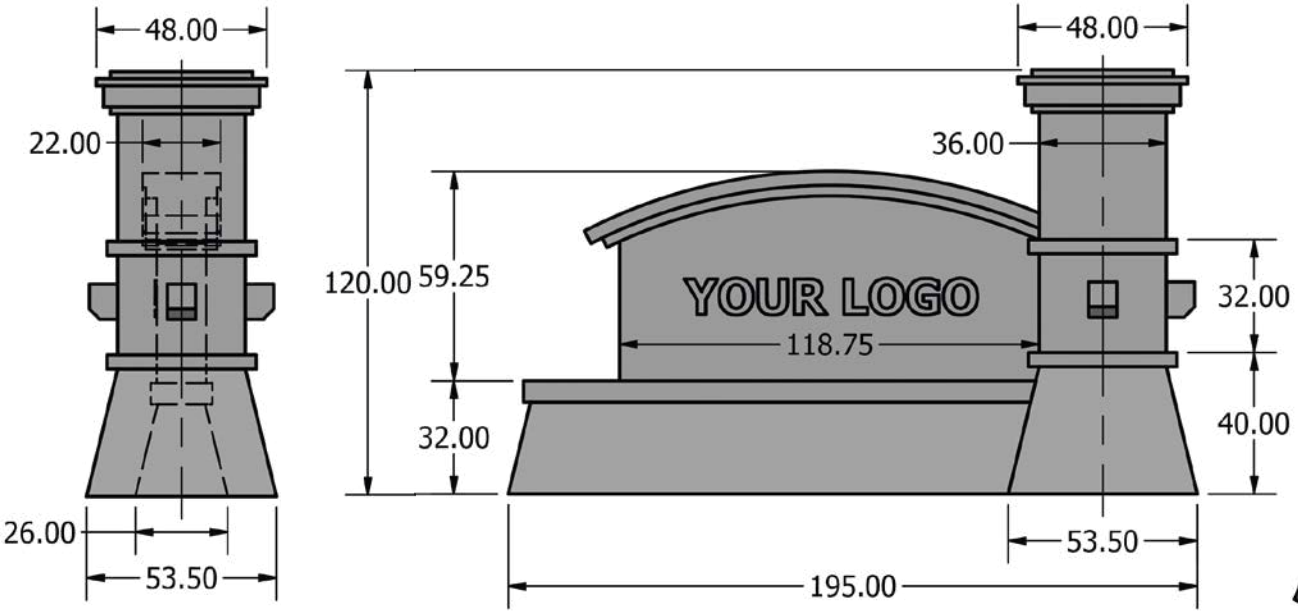
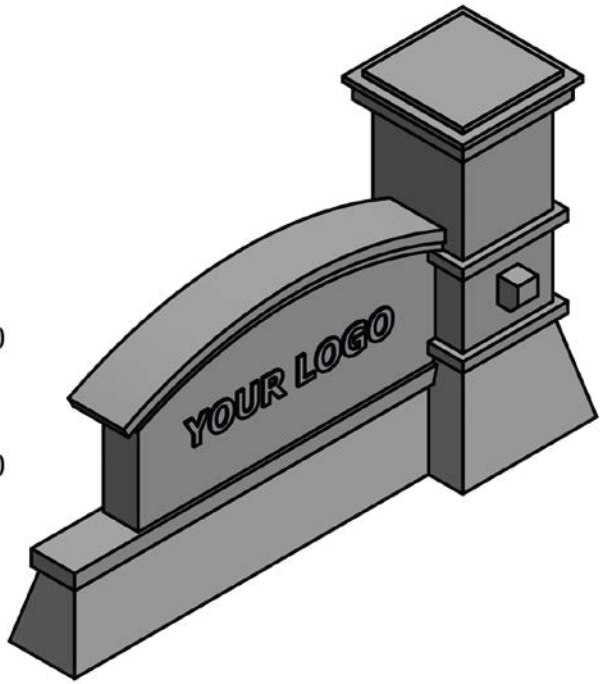
Monument sign MS 023





DRY STONE WALLING STYLE
DS-FSP 9111

RUSTIC-STYLE MASONRY
RS-FSP 9090

RONDO-STYLE MASONRY
RO-FSP 7031- 7018

RUBLE-STYLE MASONRY
RU-FSP 0038

PLATEAU-STYLE MASONRY
PS-FSP 7060

OLD BRICK-STYLE MASONRY
OB-FSP 0027

SLAB-STYLE MASONRY
SL-FSP 9089

RUSTIC BRICK-STYLE MASONRY
RB-FSP 6040

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

RIVER ROCK-STYLE MASONRY
RR-FSP 6087

CASTLE-STYLE MASONRY
CA-FSP 7643

ASSOL-STYLE MASONRY
AS-FSP 7052

This elegant and expressive sign is ideal for medical institutions, private clinics, religious organizations, and spiritual centers. Its architectural form and refined design create an atmosphere of trust, tranquility, and care — exactly what visitors expect from a place associated with health, healing, or spiritual growth. The decorative lantern adds a sense of mystery, holiness, and peace. This detail symbolizes the light of knowledge, hope, and inner harmony, making the sign not just informational but an important part of the overall perception of the space. We can adapt the design to your needs: change the texture, color, shape, and details so it perfectly reflects the character and values of your organization

175 mph
Wind Resistance

Does Not Rot

Not Eaten by Insects or Birds

UV Resistant

Cold Resistant

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Email: info@3dsignfactory.com

Monument sign MS 024

DRY STONE WALLING STYLE
DS-FSP 9098

SLAB-STYLE MASONRY
SL-FSP 6149-9084

RONDO-STYLE MASONRY
RO-FSP 6151- 6278

RUSTIC BRICK-STYLE MASONRY
RB-FSP 6034

RUBLE-STYLE MASONRY
RU-FSP 6053

SHAHRIAR-STYLE MASONRY
SH-FSP 6046

PLATEAU-STYLE MASONRY
PS-FSP 6094-6060

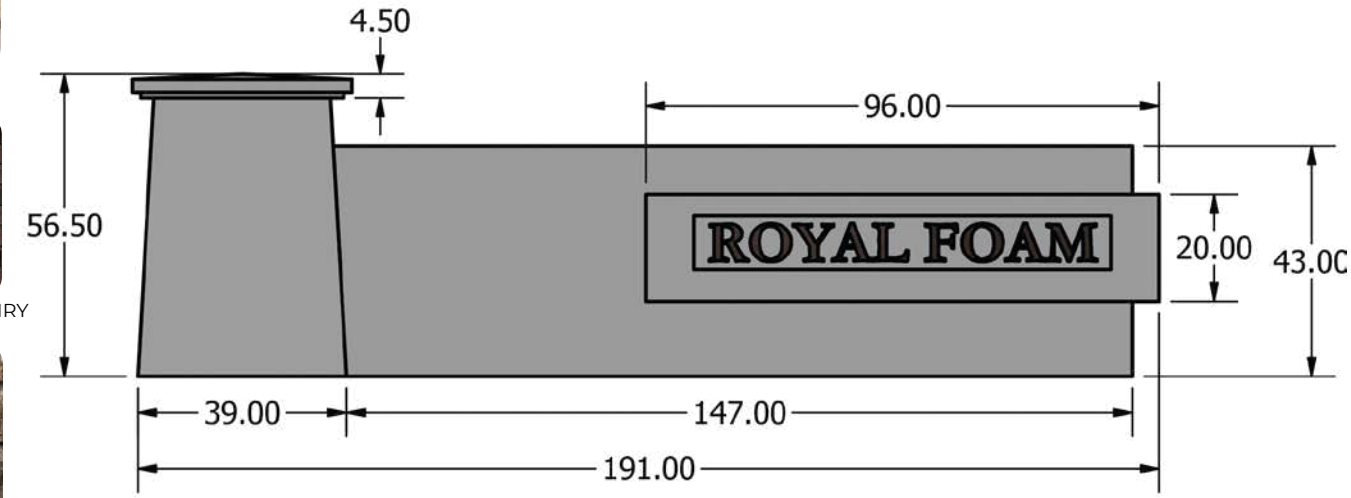
RIVER ROCK-STYLE MASONRY
RR-FSP 9143

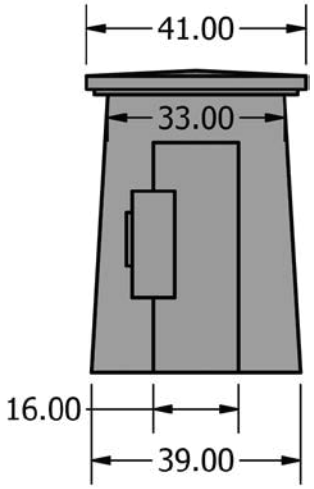
OLD BRICK-STYLE MASONRY
OB-FSP 0027

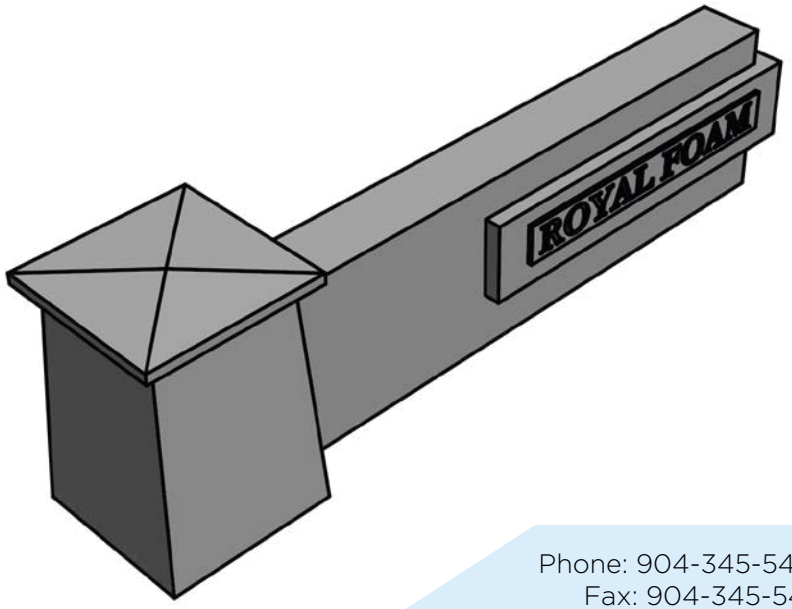
CASTLE-STYLE MASONRY
CA-FSP 9078

RUSTIC-STYLE MASONRY
RS-FSP 7650

ASSOL-STYLE MASONRY
AS-FSP 7060







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Email: info@3dsignfactory.com

This stylish and sleek sign is an ideal solution for urban spaces where height restrictions apply. Its elongated horizontal shape allows for efficient use of space and makes it possible to display information about several organizations, companies, or departments on a single structure.

This format is especially convenient for residential complexes, business districts, office parks, and public areas where it's important to present essential information compactly yet expressively.

The architectural foam body can be customized to any style — with adjustable color, texture, and decorative details — ensuring the sign blends seamlessly with its surroundings and

175 mph
Wind Resistance

Does
Not Rot

Not Eaten by
Insects or Birds

UV
Resistant

Cold
Resistant

The sample is an example, and
a CUSTOM VERSION CAN BE MADE IN
any size with any design modifications.

HORIZON
SCIENCE ACADEMY
AT DEVEAUX VILLAGE

Turning Point
~ Apostolic Church ~
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A SWIM AND TENNIS COMMUNITY

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Pinebrook
APARTMENTS

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Publix FOOD & PHARMACY
T.J.maxx
La Bamba
MEXICAN & SPANISH RESTAURANT
Total Wine & MORE
LA FITNESS
Turn Left Here at SE. 10th Ave.
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MILDURA
CHRISTIAN
COLLEGE

Pelican Grand
BEACH RESORT
Pelican Grand
BEACH RESORT

VERONA
LAKES

Welcome To
Marian R. Bear Memorial Park
San Clemente Canyon

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Landing
Estates

ascend
PUBLIC CHARTER SCHOOLS

Creeks
Edge

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AT BRADFORD HILLS

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Williamson County
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Classic monument sign models

MS 025

MS 026

MS 027

MS 028

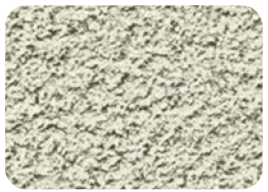
MS 029

FINESSE

LYMESTONE

SANDPEBBLE FINE

MOJAVE



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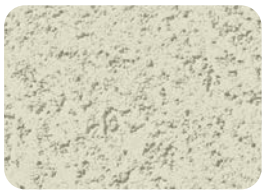

QUARZPUTZ

Classic monument sign models

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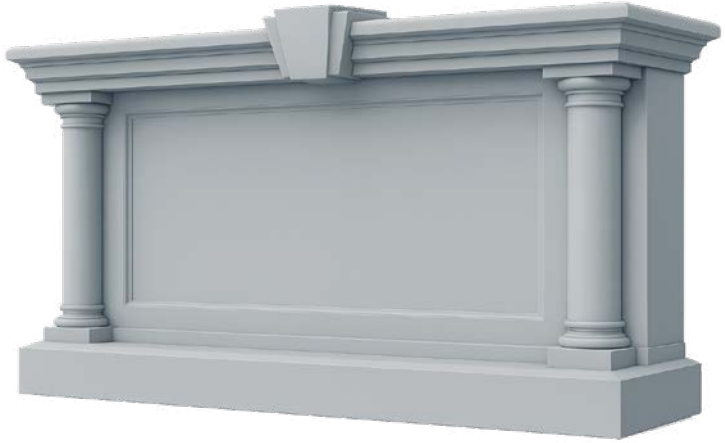

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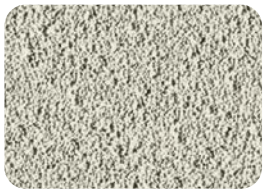
FREESTYLE



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Classic monument sign models

MS 035

MS 036

MS 037

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MS 039

FINESSE

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SANDPEBBLE FINE

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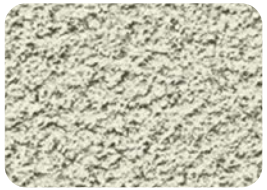

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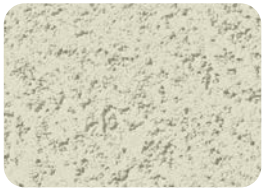

QUARZPUTZ

Classic monument sign models

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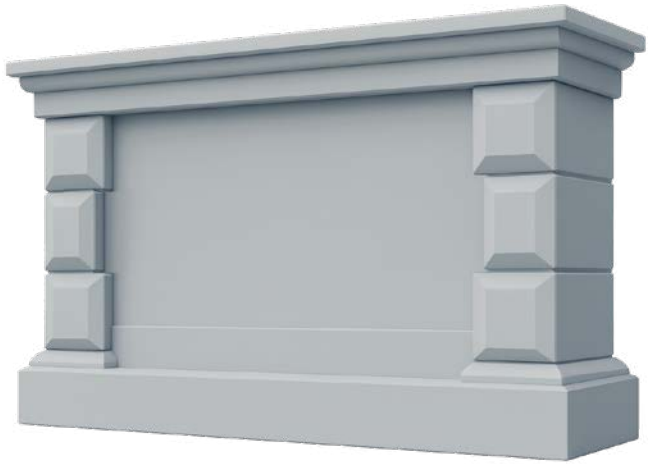

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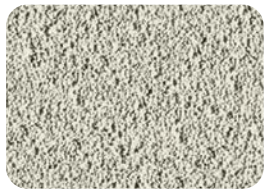
FREESTYLE



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Classic monument sign models

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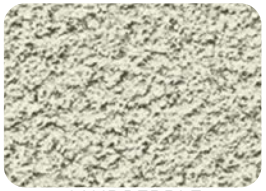
MS 049

FINESSE

LYMESTONE

SANDPEBBLE FINE

MOJAVE



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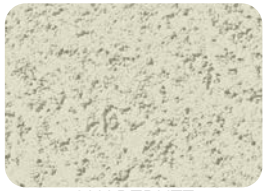

QUARZPUTZ

Classic monument sign models

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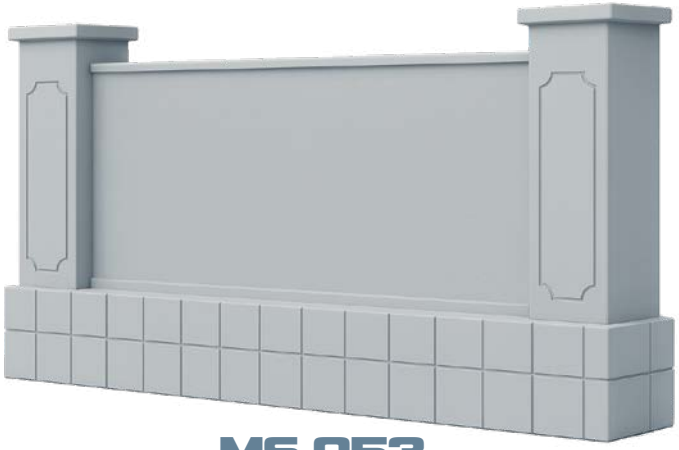

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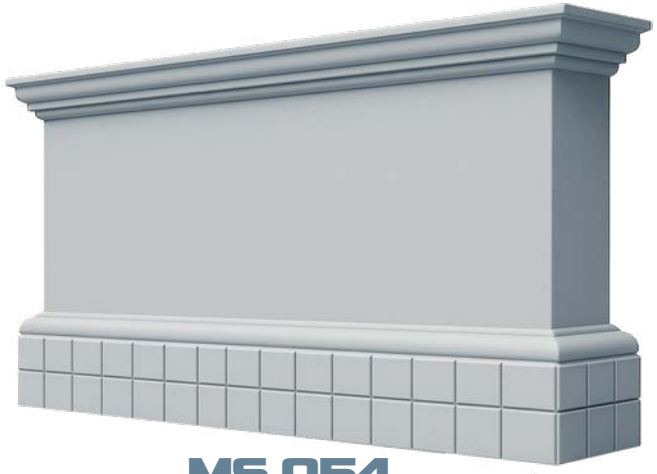

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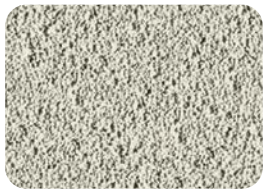

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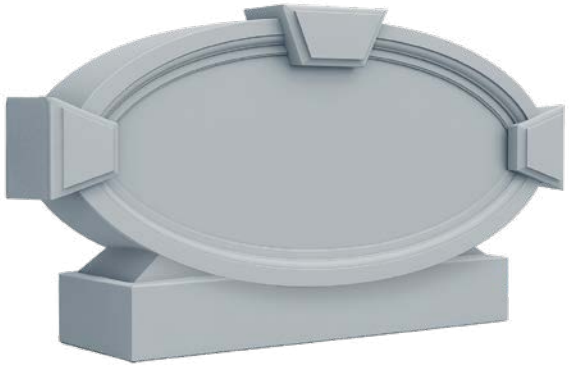
Classic monument sign models



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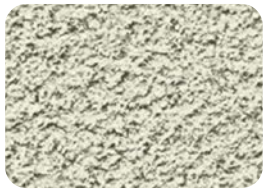

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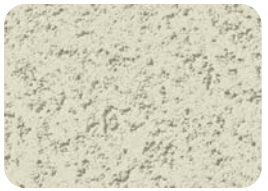

QUARZPUTZ

Classic monument sign models

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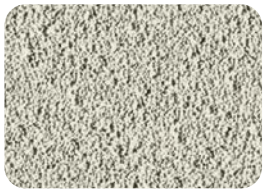

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Classic monument sign models

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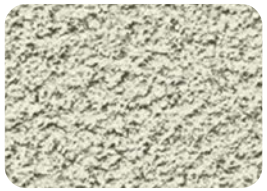

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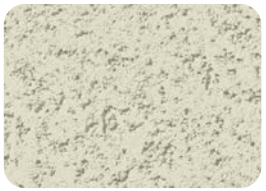

QUARZPUTZ

Classic monument sign models

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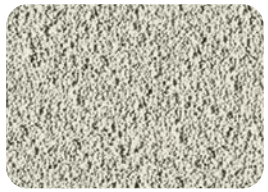
FREESTYLE



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Routed Signs

are dimensional signs and decorative panels produced using CNC routing technology. This method allows for precise cutting of letters, logos, ornaments, and complex shapes from materials such as acrylic, composite, aluminum, PVC, and HDU foam. Unlike flat printing or decals, these signs create a sense of depth and premium quality that immediately sets your brand apart from competitors.

Choosing routed signs is especially beneficial for companies that value durability and a flawless appearance. The materials are resistant to moisture, sunlight, wind, and mechanical damage — the signs maintain sharp edges and vibrant colors for years without frequent replacement. This reduces the total cost of ownership (TCO) and eliminates hidden expenses for ongoing maintenance.

Routed signs are ideal for creating branded styles in offices and showrooms, brand zones in retail spaces, and informational plaques in medical and educational facilities. They do more than point the way — these signs convey reliability, professionalism, and a high company standard, directly influencing how your brand is perceived by clients and partners.

MATERIALS AND MANUFACTURING PROCESS

Routed signs are produced on high-precision CNC routers using durable yet lightweight materials such as HDU foam, acrylic, composite panels, aluminum, and PVC. The process begins with developing a 3D design and preparing a vector file, after which the piece is routed with millimeter accuracy. The surfaces are then sanded, primed, and painted, and can be enhanced with lamination or integrated lighting if needed.

The result is a fully finished product that requires no complex installation, helping save time on-site and reducing overall project costs.

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ADVANTAGES OF ROUTED SIGNS

Routed signs combine aesthetics with reliability, helping brands stand out while reducing costs:

- PRECISION CUTTING — clean lines and intricate details.
- INTEGRATED LIGHTING — visibility day and night
- FAST PRODUCTION — pre-assembled delivery saves time and money
- WEATHER RESISTANCE — LASTING QUALITY OUTDOORS
- FULL CUSTOMIZATION — design and colors match any brand

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WHERE ROUTED SIGNS ARE USED

Routed signs enhance brand recognition and convey reliability, making them valuable across multiple industries:

- Offices and business centers — image-building logos and plaques that convey stability and increase client and partner trust in the company
- Retail — signs, wayfinding elements, and branded zones that help stand out from competitors and attract more customers through memorable visual design
- Educational institutions — durable, clearly readable plaques that ensure easy navigation and maintain a neat appearance even in high-traffic areas
- Medical centers and clinics — informative panels that simplify navigation and create a sense of reliability and care for visitors

SPEED
LIMIT
15
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STOP

BASKETBALL COURT RULES
· FACILITIES ARE FOR RESIDENTS AND THEIR GUESTS ONLY.
· GUESTS MUST BE ACCOMPANIED BY A RESIDENT.
· NO FOOD, GLASS OR ALCOHOLIC BEVERAGES.
· PLEASE BE COURTEOUS BY LIMITING COURT TIME WHEN OTHERS ARE WAITING.
· NO SKATEBOARDS OR BICYCLES ON COURTS.
· HOURS: 8:00 AM TO 10:00 PM
· USE FACILITIES AT YOUR OWN RISK.

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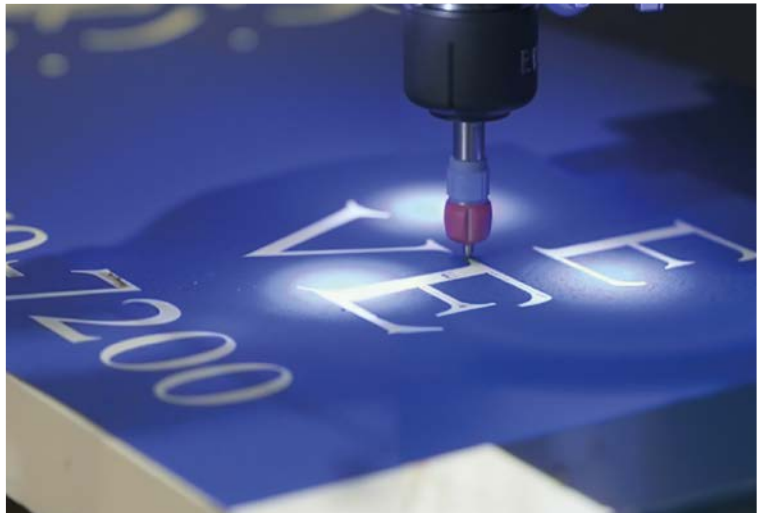
PLEASE DO NOT USE LAKE
FOR RECREATIONAL
ACTIVITIES
NO
SWIMMING
ALLOWED

SINCE 1991
191



Welcome to
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Lit lettering

refers to three-dimensional illuminated letters and logos used to enhance facades, interiors, and branded spaces. It combines striking design with functionality, creating a memorable visual identity for any company.

Illuminated letters remain visible at any time of day, attract attention from a distance, and reinforce the perception of a brand as modern and dynamic.

This technology allows the realization of unique fonts and complex graphic elements while maintaining clarity of form and visual harmony.

Lit lettering is often used to establish brand identity, increase recognition, and build an emotional connection with the audience.

These installations not only decorate spaces but also serve as a marketing tool, helping brands stand out from competitors and build trust with customers.

The process begins with designing a 3D model and preparing accurate vector files, followed by precision CNC cutting of all components. LED modules are then installed inside with carefully calculated spacing to achieve uniform illumination, after which the housing is sealed and the surfaces are painted.

MATERIALS AND MANUFACTURING PROCESS

Lit lettering is crafted from a combination of lightweight yet durable materials that ensure longevity and structural precision. Acrylic is used for the front panels, providing crisp illuminated edges and even light diffusion.

The side walls are made from PVC or aluminum, which resist deformation and protect internal components. The base is often constructed from composite material to add rigidity without increasing weight.

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WHERE LIT LETTERING IS USED

Lit lettering helps businesses build a strong visual presence and create a memorable brand image in any setting.

- OFFICES AND CORPORATE BUILDINGS — used for branded logos that project professionalism and reinforce a sense of stability.
- ENTERTAINMENT AND CULTURAL VENUES — used for striking wayfinding and decorative elements that set the atmosphere and leave a lasting impression.
- RETAIL STORES AND SHOPPING CENTERS — used for storefront signs and branded zones that capture attention and drive customer traffic.

Lit lettering makes brands stand out and stay recognizable wherever they appear.

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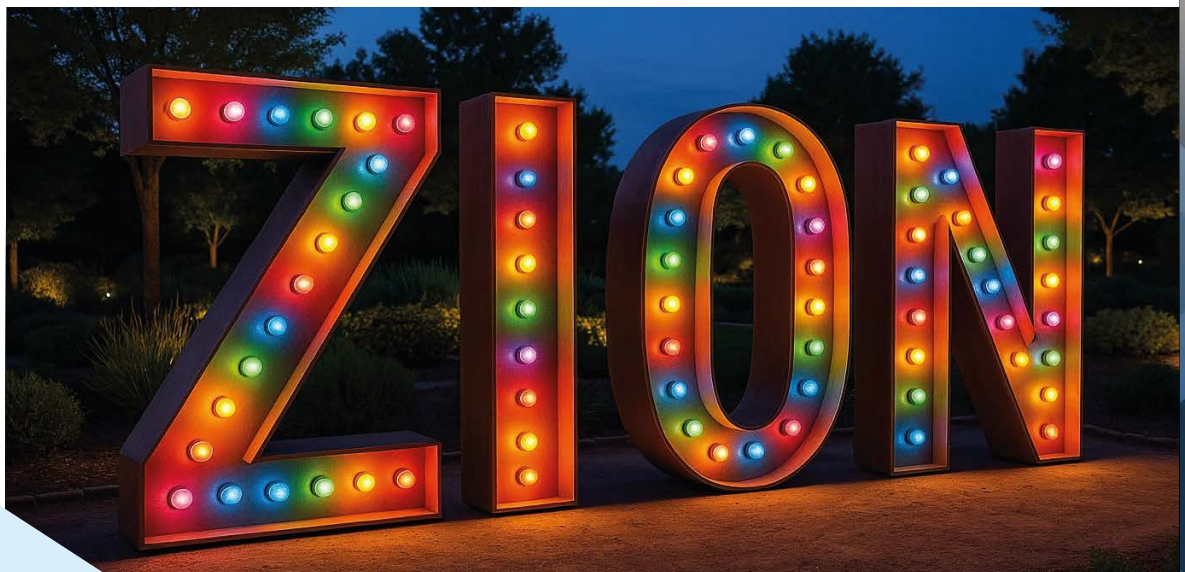
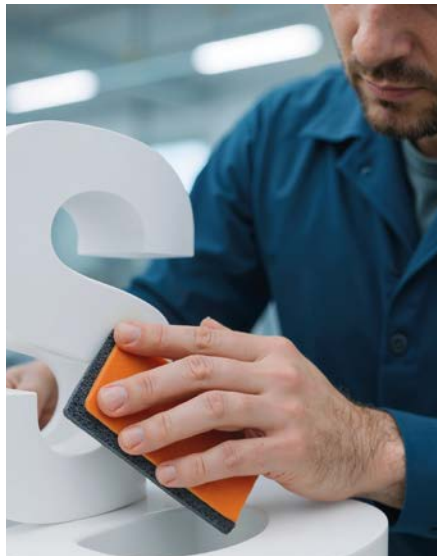
ADVANTAGES OF LIT LETTERING

Lit lettering is valued for combining striking design with practicality — helping brands stay visible while ensuring reliability and reducing costs:

- High brightness and visibility at any time of day — signs remain readable in any lighting and draw attention throughout the day.
- Energy-efficient LED modules — lower power consumption and maintenance costs during long-term operation.
- Resistance to moisture, dust, and temperature changes — the sealed housing preserves appearance and reduces the risk of failures.
- Precise fit and clean lines — emphasize a high brand standard and build customer trust.
- Full customization of shape, font, and color — enables unique designs aligned with the company's brand identity.





Freestanding lettering

WHAT IS FREESTANDING LETTERING

Freestanding lettering refers to large three-dimensional letters and logos that stand on the floor, a podium, or a custom base without being attached to walls or facades.

They create eye-catching structures that immediately draw attention and become the focal point of any space. Such letters are often used at exhibitions, presentations, showrooms, retail areas, and corporate offices to brand zones or photo areas.

Their main advantage is mobility and reusability: the structures are easy to install and dismantle without complex equipment. This allows companies to quickly adapt their visual setup for different events and locations without extra installation costs.

With their striking design, these letters boost brand recognition and create a strong visual impression for clients and partners.

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MATERIALS AND MANUFACTURING PROCESS

Freestanding lettering is made from lightweight yet durable materials such as PVC, composite panels, or HDU foam, ensuring stability and long-term use. The production process includes the following stages:

- 3D MODEL DEVELOPMEN — defines exact dimensions and overall proportions.
- CNC CUTTING OF COMPONENTS — ensures clean edges and precise shapes.
- INSTALLATION OF INTERNAL SUPPORT FRAMES — adds rigidity and prevents deformation.
- SANDING AND PAINTING OF SURFACES — creates a smooth, premium-quality finish.
- FINAL ASSEMBLY AND INSPECTION — guarantees structural integrity and readiness

WHERE FREESTANDING LETTERING IS USED

Freestanding lettering helps companies achieve strong brand visibility in different environments without permanent installation.

MOBILITY AND REUSABILITY REDUCE COSTS —
one setup can serve multiple events.

LIGHTWEIGHT DESIGN SIMPLIFIES TRANSPORT —
easy to move without special equipment.

HIGH STABILITY ENSURES SAFE USE —
stands firm even in busy areas.

FULL CUSTOMIZATION OF SHAPE AND COLOR
matches brand identity and style.

FAST PRODUCTION AND DELIVERY —
ready-to-install, minimizing project delays.

WHERE FREESTANDING LETTERING IS USED

Freestanding lettering helps companies achieve strong brand visibility in different environments without permanent installation.

EXHIBITIONS AND EVENTS — create branded zones that attract attention and stand out in crowded spaces.

OFFICES AND CORPORATE SPACES — brand reception areas and meeting rooms, leaving a professional first impression and reinforcing identity with clients and partners.

SHOWROOMS AND RETAIL SPACES — serve as photo zones or displays that can be moved easily, allowing flexible layouts without extra costs.

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Château Allison

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ELEVATE25

NSCA

Foam Props

WHAT ARE FOAM PROPS

Foam props are large decorative structures and three-dimensional elements made from high-density foam (EPS).

They can be shaped into virtually anything — from logos and branded installations to complex art pieces, figures, and spatial décor.

Thanks to their exceptional design flexibility and precise detailing, foam props are an effective tool for creating unique visual environments that help brands stand out from competitors.

Their lightweight nature makes even oversized pieces easy to transport and install, while their durability and resistance to deformation ensure they keep their shape through repeated use. When needed, they can be coated with protective or decorative finishes, allowing them to be used both indoors and outdoors.

Foam props are widely used in advertising, exhibition displays, themed décor, and visual merchandising to highlight a brand's individuality and capture audience attention from the very first glance.

MATERIALS AND MANUFACTURING PROCESS

Foam props are made from high-density HDU foam, combining light weight, strength, and easy processing. The material enables complex shapes while staying stable at large sizes.

3D MODEL DEVELOPMENT — defines dimensions, and structural details for stability and installation.

CNC MILLING — digitally cuts parts with precision and clean lines.

SANDING AND PREPARATION — smooths surfaces and contours.

PAINTING AND COATING — protects against moisture and wear while adding a premium finish.

FINAL ASSEMBLY AND TESTING — joins elements and checks durability before delivery.

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WHERE FOAM PROPS ARE USED

EXHIBITIONS AND EVENTS —
used as large branded installations that grab attention instantly and help companies stand out in competitive environments.

FILM, THEATER, AND LIVE ENTERTAINMENT VENUES —
used as bold scenic elements that add scale and elevate the overall visual experience for audiences.

RETAIL AND COMMERCIAL SPACES —
used as eye-catching displays that create an emotional connection with the brand and spark interest in its products.

Foam props help brands build a distinctive presence and stay highly visible to their target audience.

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ADVANTAGES OF FOAM PROPS

Foam props make it possible to bring bold creative ideas to life without overspending:

- Lightweight design reduces transport and installation costs — simplifies logistics and eliminates the need for heavy equipment.
- High durability allows repeated use without damage — withstands frequent transport and setup without losing quality.
- Unlimited freedom of shapes and sizes for unique designs — fully customizable to match brand identity.
- Precision CNC carving delivers crisp, clean details — highlights premium quality and professional craftsmanship.
- Fast production shortens project preparation time — enables quick campaign launches without delays

Foam sculpting

WHAT IS FOAM SCULPTING?

Foam sculpting is a modern production method that transforms high-density urethane (HDU) foam into durable, lightweight, and highly detailed structures.

This material combines strength with easy workability, making it ideal for large-scale elements as well as intricate designs. The process begins with the development of a 3D model, where every proportion and detail is digitally defined. CNC milling then carves the foam with exceptional precision, ensuring clean lines and consistent results even for complex shapes.

Afterward, surfaces are sanded and refined to remove imperfections and create smooth contours. A specialized coating and paint system is applied to protect against moisture, UV exposure, while achieving a premium finish. Finally, all parts are assembled, tested for stability, and prepared for shipping.

Foam sculpting offers both creative freedom and technical reliability, making it a preferred solution for industries that demand striking, customized forms without excessive weight or cost.

THE PRODUCTION OF FOAM SCULPTURES IS A STREAMLINED, HIGH-PRECISION WORKFLOW:

- 3D MODELING — digital design defines proportions and stability.
- CNC MILLING — computer-controlled cutting ensures accuracy.
- SANDING & PREP — surfaces are smoothed for finishing.
- COATING & PAINTING — adds durability and premium aesthetics.
- ASSEMBLY & TESTING — elements are joined and strength-checked.

This process guarantees clean geometry, reliable performance, and long-lasting visual appeal.

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THE PRODUCTION OF FOAM SCULPTURES IS A STREAMLINED, HIGH-PRECISION WORKFLOW:

Foam sculpting is a versatile technology applied across multiple industries:

- ARCHITECTURE & FACADES — lightweight decorative elements and large-scale ornaments.
- ENTERTAINMENT & THEATER — props, stage scenery, and immersive environments.
- COMMERCIAL SPACES — branded displays, signage, and custom interiors.
- THEME PARKS & MUSEUMS — life-size figures, themed sets, and interactive exhibits.
- FILM & TV PRODUCTION — realistic props and backdrops at reduced cost.

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ADVANTAGES OF FOAM SCULPTING

Foam sculpting offers a unique combination of design freedom, efficiency, and durability. Unlike traditional materials, HDU foam is lightweight yet structurally stable, allowing for large installations without heavy foundations.

CNC precision ensures flawless detail and repeatable quality. The surface can be finished in countless styles — from stone and wood imitation to metallic coatings — delivering a premium look at a fraction of the cost.

Fast production timelines make it attractive for architects and designers working under tight schedules.

Resistant to moisture and mechanical stress, foam sculptures maintain appearance and integrity over time, providing reliable solutions for both temporary and permanent projects

SUMMER

Psycho Bunn

FUN TIMES
SINCE
1987

TRINITY
MULTIFAMILY

PVC letters

WHAT ARE PVC LETTERS

PVC letters are dimensional signs made from polyvinyl chloride, a durable, lightweight, and versatile material widely used in professional signage.

Unlike wood or metal, PVC does not absorb moisture, resists temperature fluctuations, and withstands UV exposure, making it ideal for both indoor and outdoor use.

The production process begins with a digital design file that ensures precision in shape, proportions, and brand consistency. CNC routers or laser cutters then carve the letters with clean edges and reliable accuracy. After cutting, surfaces are sanded and refined to achieve a smooth base for finishing.

PVC letters can be painted, laminated, or vinyl-wrapped to create virtually any style — from simple matte finishes to glossy or metallic effects. The material's stability makes it suitable for thin, detailed shapes as well as bold, oversized signage, without risk of warping.

Easy to mount on walls, facades, or displays, PVC letters deliver a professional, lasting impression at a cost-effective price point.

PVC LETTER PRODUCTION PROCESS

The production of PVC letters follows a precise workflow designed for accuracy and consistency.

DESIGN SETUP —
A digital file defines exact shapes, proportions, and brand guidelines.

COATING AND COLORING —
Paint, laminate, or vinyl adds the desired color and finish.

MOUNTING PREPARATION —
Hardware or adhesive systems are added for secure installation.

CNC CUTTING —
Routers or lasers cut the letters with clean, consistent edges.

FINISHING —
Surfaces are sanded to remove imperfections and prepare for coatings.

This streamlined process ensures precise geometry, durable finishes, and long-term reliability.

Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com

WHERE PVC LETTERS ARE USED

PVC letters are a versatile solution for many industries and branding needs.

EVENTS AND EXHIBITIONS — Premium-looking temporary signage for trade shows or presentations.

RETAIL STORES — Storefront lettering, product displays, and promotional graphics.

CORPORATE OFFICES — Lobby signage, conference room names, and branded wall features.

ARCHITECTURAL PROJECTS — Facades, wayfinding systems, and outdoor branding.

CREATIVE STUDIOS AND INTERIORS — Decorative lettering, quotes, and brand elements.

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Fax: 904-345-5401
Email: info@3dsignfactory.com

ADVANTAGES OF PVC LETTERS

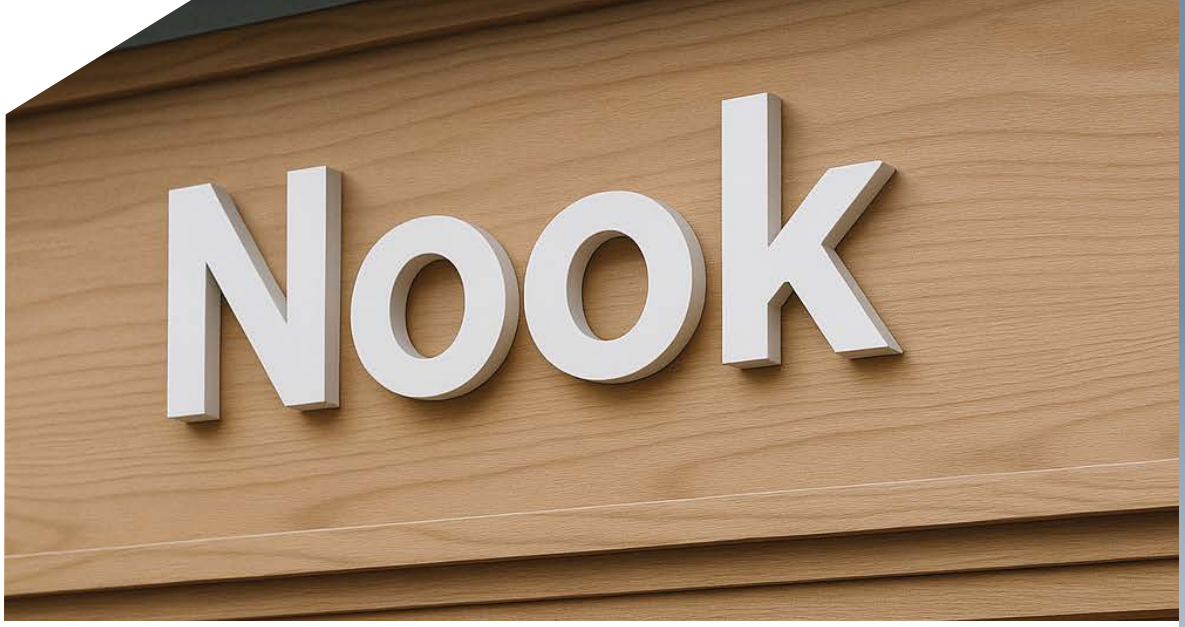
PVC letters combine durability with design flexibility, making them a practical choice for professional signage.

The material resists water, UV rays, and temperature shifts, ensuring outdoor use without fading, cracking, or warping.

CNC and laser cutting provide crisp edges and precise brand reproduction, essential for accurate visual identity. Their lightweight nature allows simple, cost-effective installation, even on large facades, without heavy support.

PVC surfaces accept many finishes — paint, vinyl, or laminates — giving designers freedom to match brand style.

With fast turnaround, competitive pricing, and reliable quality, PVC letters remain a trusted solution for architects, designers, and business owners seeking impactful, long-lasting signage.



TAXATION
& ACCOUNTING

American Express

GREENACRES
FLORIDA

R-New
Salon & Spa
IT'S A GRIND
COFFEE & HOUSE
NOW

Foxridge Drive
Special
Olympics
Kansas
State Headquarters

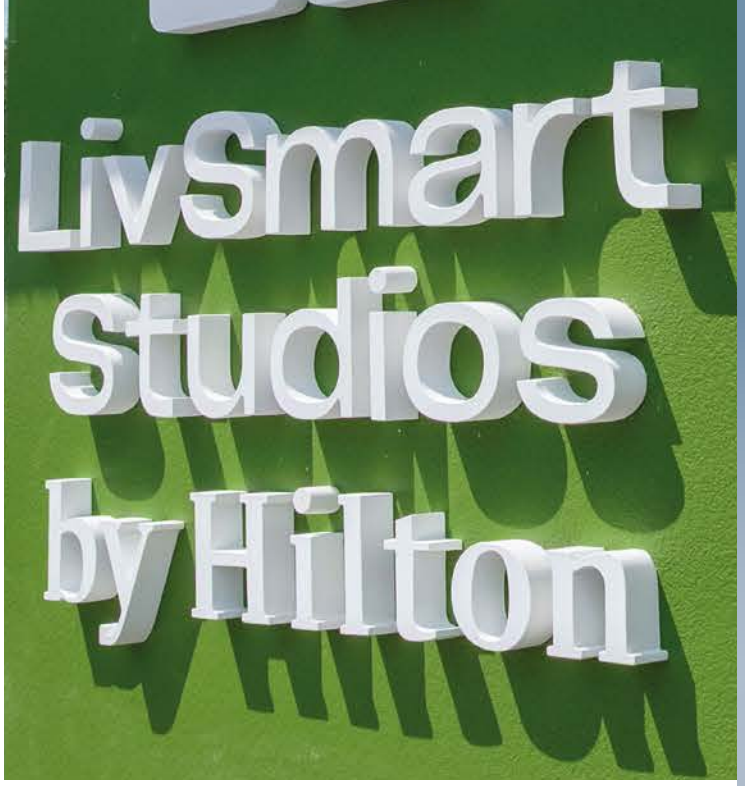
AmeriCasa
Communities
Lago
A Planned

BANANA REPUBLIC

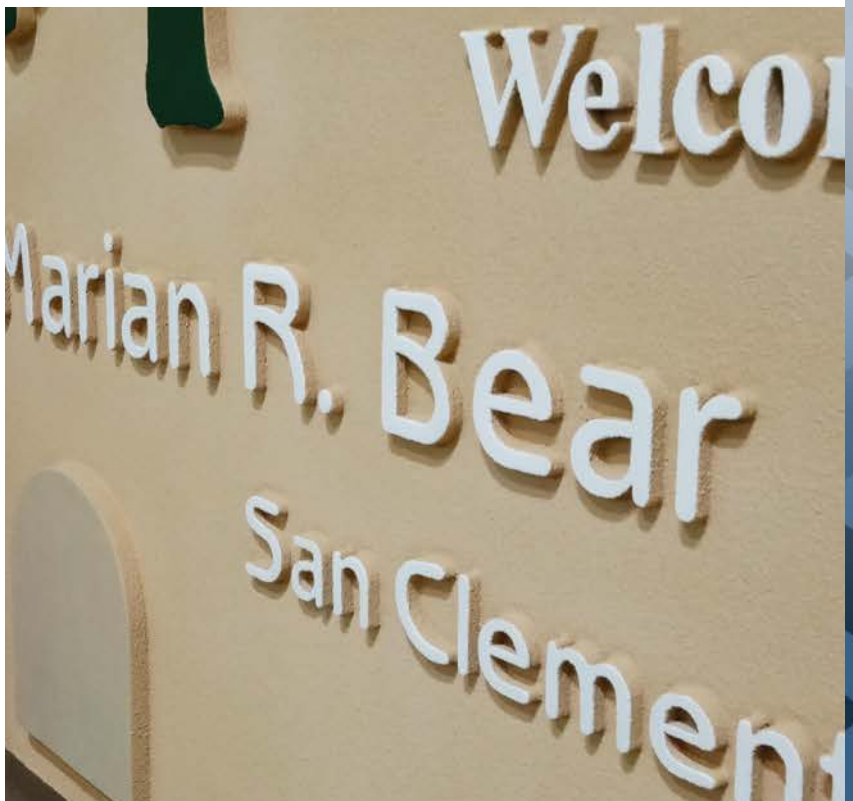
PRODIGY
Early Learning
AT TREATY OAKS

AFAB
SOLUTIONS

THE
GROVE
AT BRADFORD HILLS


LivSmart
Studios
by Hilton

Integris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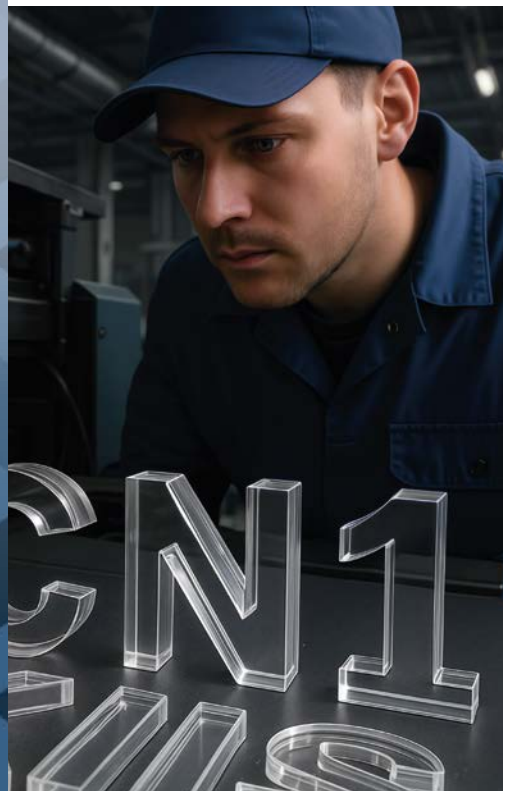

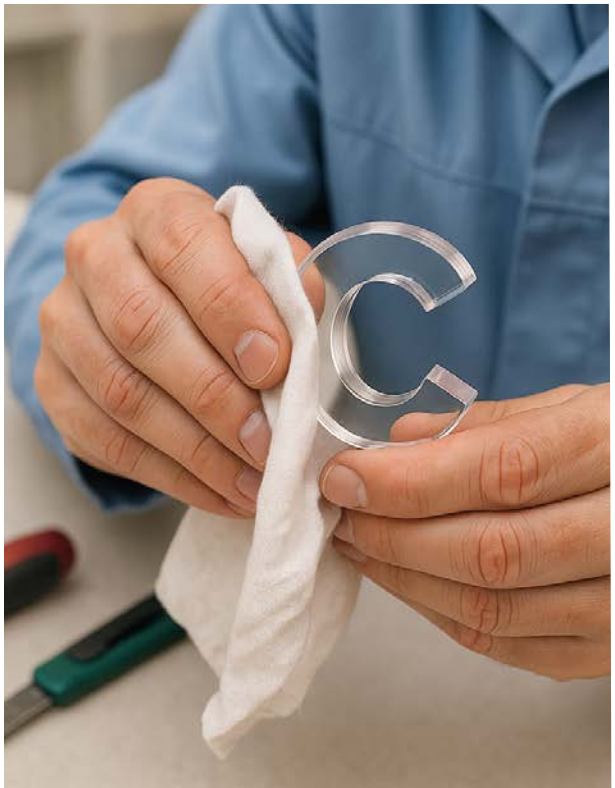

Acrylic letters

WHAT ARE ACRYLIC LETTERS?

Acrylic letters are dimensional signs crafted from cast or extruded acrylic sheets, known for their sleek, modern appearance and durability. Acrylic is lightweight yet strong, offering excellent clarity and resistance to weather, UV light, and mechanical stress. This makes it suitable for both indoor and outdoor branding.

The production begins with a digital design file, where exact sizes, proportions, and styles are defined. Laser or CNC cutting ensures sharp edges, smooth curves, and perfect consistency across multiple letters. Surfaces can be polished, frosted, or painted, giving a range of finishes from glossy clear finish to opaque matte. Acrylic also allows for layering, backlighting, or face-mounted graphics, creating dynamic and eye-catching effects.

Once cut and finished, the letters are prepared with mounting systems for fast, reliable installation. Acrylic letters combine design flexibility, premium aesthetics, and long-lasting performance, making them a preferred choice for projects that demand both sophistication and durability.

Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com

ACRYLIC LETTER PRODUCTION PROCESS

Acrylic letters are widely used for projects that require a modern and professional appearance.

- CORPORATE OFFICES — Sleek lobby signage, conference room names, and branding walls.
- RETAIL STORES — Storefront lettering, interior displays, and promotional signage.
- EVENTS AND EXHIBITIONS — Eye-catching signs for booths, shows, and presentations.
- ARCHITECTURAL PROJECTS — Exterior facades, wayfinding, and illuminated branding.
- HOSPITALITY AND ENTERTAINMENT — Hotels, restaurants, and venues seeking upscale décor.

Thanks to their clean look and durability, acrylic letters deliver impact in both temporary and permanent settings.

ADVANTAGES OF ACRYLIC LETTERS

Acrylic letters combine a premium look with reliable performance, making them a popular choice for modern signage. The material is lightweight yet highly durable, resistant to moisture, UV light, and weather, ensuring a lasting indoors and outdoors.

Precision cutting allows for smooth edges, detailed shapes, and accurate brand reproduction. Acrylic surfaces can be polished for a glossy finish, frosted for a softer effect, or painted in any custom color, offering versatile design options. They can also be combined with LED backlighting for striking visual effects.

Easy to mount and maintain, acrylic letters provide architects, designers, and business owners with a cost-effective solution that delivers both aesthetics and longevity.

CUSTOMIZATION AND ADVANTAGES

Acrylic letters are available in any font, size, thickness, and color, with glossy, matte, or transparent finishes. LED backlighting can be integrated for an impressive glow for an impressive glow effect.

Acrylic combines lightness and strength, resists moisture, UV rays, and temperature changes. These letters do not fade, warp, or lose clarity, retaining a flawless appearance for years.

They deliver a refined, professional look that enhances any space, while the versatility of acrylic allows designers to realize even the most complex branding ideas with precision and style.

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Fax: 904-345-5401
Email: info@3dsignfactory.com

Small metal letters

WHAT ARE METAL LETTERS: MATERIAL AND MANUFACTURING PROCESS?

Metal letters are three-dimensional aluminum letters used for façades, interiors, signage, and branded installations. They are not just a navigation or advertising element — they are a strong visual accent that enhances a company's image, communicates professionalism, and strengthens brand recognition.

Aluminum is the ideal choice for this application: it's lightweight, corrosion-resistant, weatherproof, and maintains its shape and appearance for decades. Its versatility allows us to create letters of any complexity — from strict geometric shapes to sophisticated custom forms.

The production process includes:

- development of a custom design based on your corporate style, size, thickness, and architecture;
- precision laser or CNC cutting of aluminum;
- polishing, brushing, anodizing, or painting in any brand color;
- applying a protective coating to ensure long-term durability.

MANUFACTURING PROCESS AND CUSTOMIZATION

Every project is created from scratch and fully tailored to your brand. We do not use standard templates — you choose the font style, dimensions, thickness, shape, and surface finish. We can also produce unique symbols, custom graphics, and decorative elements that reflect your company’s character.

Aluminum allows us to realize even the most complex design ideas: the letters can be mirror-polished, matte, painted in brand colors, or finished with the look of steel or bronze.
The result is a truly one-of-a-kind product that reflects your brand identity and elevates your visual presence.

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Fax: 904-345-5401
Email: info@3dsignfactory.com

APPLICATIONS AND ROLE IN BRAND IDENTITY

Aluminum letters highlight your brand's individuality, make logos more memorable, and communicate reliability and prestige. They help businesses stand out from the competition and become a recognizable element of your visual language.

Metal letters are widely used across various industries and spaces:

- on façades of business centers, shopping complexes, and public buildings;
- in the interiors of restaurants, boutiques, hotels, and corporate offices;
- for entrance signage, reception areas, and exhibition stands.

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APPLICATIONS AND ROLE IN BRAND IDENTITY

Aluminum letters highlight your brand's individuality, make logos more memorable, and communicate reliability and prestige.

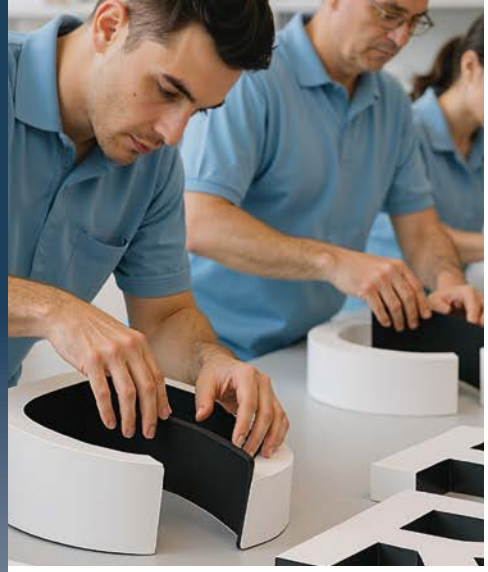
STYLE & FUNCTIONALITY
Elegant design meets practical purpose — metal letters not only capture attention but also strengthen brand recognition.

DURABILITY & RELIABILITY
Crafted from high-quality aluminum, the letters resist corrosion, UV rays, and weather conditions, maintaining a flawless appearance for many years.

UNLIMITED CUSTOMIZATION
Any font, size, shape, finish, or color — every detail is created to reflect the unique style and concept of your brand

LIGHTWEIGHT & EASY INSTALLATION
The aluminum structure significantly reduces weight, simplifies installation, and minimizes the load on the building façade.

PREMIUM APPEARANCE
Metal letters add prestige and sophistication to any sign, turning it into a striking element of architectural design.



Channel letters

WHAT ARE CHANNEL LETTERS?

Channel letters are three-dimensional illuminated signs commonly used for storefronts, facades, and commercial branding.

Each letter is built as a separate structure, typically made from aluminum for the frame and acrylic for the face, with integrated LED lighting for consistent, energy-efficient illumination.

This construction gives channel letters a bold, professional look and ensures visibility day and night. The production process begins with digital design, where dimensions, fonts, and lighting requirements are defined.

CNC machines cut the metal and acrylic components with precision, and bending equipment forms the letter sides. LED modules are installed inside each structure, then sealed to protect against moisture and dust. The result is a durable, weather-resistant sign system with long service life.

Available in front-lit, back-lit, or combination styles, channel letters offer maximum branding impact for businesses that need both style and high visibility.

CHANNEL LETTER PRODUCTION PROCESS

The production of Channel letters follows a precise workflow designed for accuracy and consistency.

DESIGN SETUP —
A digital layout defines size, style, and illumination type.

LED INSTALLATION —
Energy-efficient modules are fixed inside for even lighting.

METAL CUTTING AND FORMING —
Aluminum backs and sides are cut and shaped.

MOUNTING PREP —
Letters are fitted with hardware or raceways for installation.

ACRYLIC FACE CUTTING —
Clear or colored acrylic is precisely matched to the frame.

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Fax: 904-345-5401
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ADVANTAGES OF CHANNEL LETTERS

Channel letters deliver powerful visibility, making them one of the most effective exterior signage solutions. The combination of aluminum structure and acrylic face ensures durability against weather, while integrated LED lighting provides bright, uniform illumination at low energy cost. Their three-dimensional form creates depth and a professional look, helping brands stand out day and night. Available in multiple styles — front-lit, reverse-lit, or open-face — channel letters can be tailored to match any architectural or design concept.

Installation is straightforward with raceway or direct-mount systems, and maintenance is minimal thanks to long-lasting LEDs. For architects, designers, and business owners, channel letters represent a high-impact, reliable, and cost-efficient solution for exterior branding.

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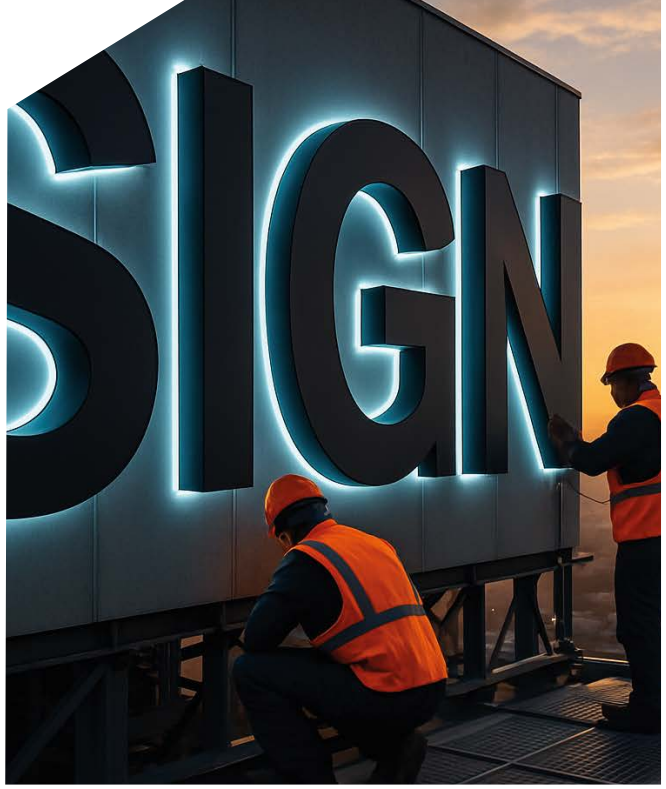
WHERE CHANNEL LETTERS ARE USED

Channel letters are a leading choice for businesses that require high visibility and strong brand presence

- RETAIL STORES — Illuminated storefront signage that attracts attention day and night.
- RESTAURANTS AND CAFÉS — Exterior branding and menu-related signs with strong impact.
- SHOPPING MALLS — Tenant signage with consistent professional appearance.
- CORPORATE OFFICES — Large-scale branding on building facades.
- ENTERTAINMENT VENUES — Theaters, arenas, and clubs requiring bold illuminated signage.



Industrial 3d printing

Industrial 3D printing, also called additive manufacturing, is a technology that produces parts and objects by building them layer by layer from digital models.

Unlike traditional subtractive methods, where material is cut away, 3D printing uses only the necessary material, reducing waste and allowing the creation of highly complex geometries. A wide range of materials can be used, including plastics, resins, metals, and composites, each selected based on performance requirements. The process begins with a 3D design file, which is sliced into thin digital layers.

Specialized printers then deposit or fuse the material according to the file, gradually forming the final object. After printing, parts may undergo post-processing steps such as cleaning, curing, or finishing to achieve desired strength, precision, or aesthetics. Industrial 3D printing enables faster prototyping, custom production, and innovative solutions across industries, from architecture and design to aerospace and healthcare.

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WHERE INDUSTRIAL 3D PRINTING IS USED

Industrial 3D printing is applied across a wide range of sectors to improve efficiency, enable customization, and drive innovation

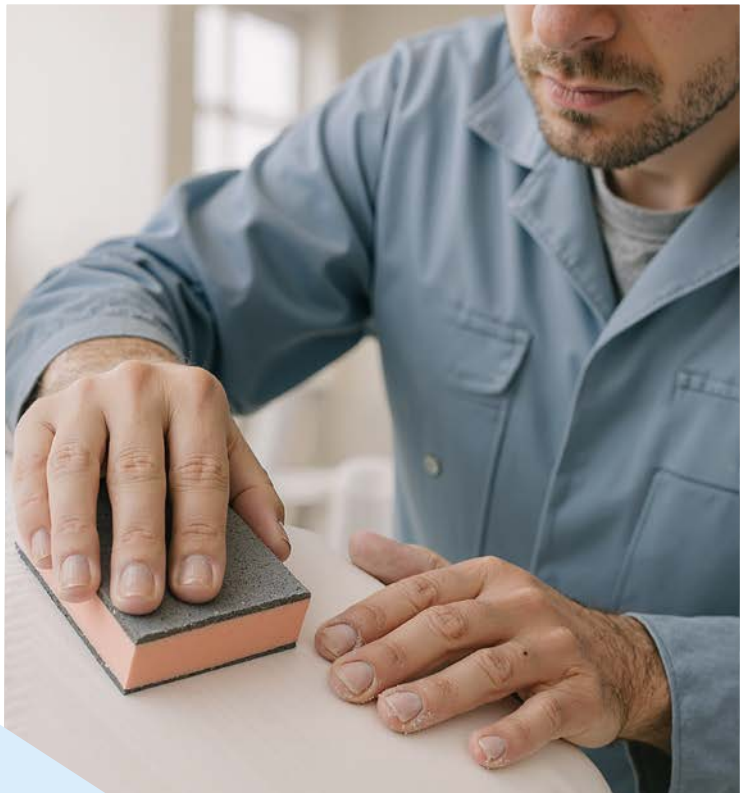
ARCHITECTURE —
Scaled models, detailed façade elements, and unique structural components for creative design solutions.

PRODUCT DESIGN —
Prototypes and fully functional parts that speed up development and reduce testing costs.

AEROSPACE & AUTOMOTIVE —
Lightweight, high-strength components that improve performance and reduce fuel consumption.

HEALTHCARE —
Custom implants, prosthetics, and anatomical models tailored for patient-specific needs.

CONSUMER GOODS —
Personalized products, limited series, and small-batch manufacturing with reduced lead times.



ADVANTAGES OF INDUSTRIAL 3D PRINTING

Industrial 3D printing offers significant advantages over conventional manufacturing. It enables rapid prototyping, reducing development cycles and costs. Complex geometries that are difficult or impossible to achieve with traditional methods can be produced with ease.

The technology minimizes material waste by using only what is needed, improving efficiency and sustainability. A broad range of materials, from plastics to metals, provides options for strength, durability, or flexibility. On-demand production allows for shorter lead times and reduced inventory storage. For architects, designers, and manufacturers, industrial 3D printing represents a reliable way to accelerate innovation, customize products, and optimize project budgets without sacrificing quality.

OUR CAPABILITIES AND UNIQUE ADVANTAGES

Our facility operates some of the largest 3D printers in the world, allowing us to produce extra-large parts and structures as single, seamless pieces — without joints or visible seams. This ensures superior strength, precision, and a flawless aesthetic finish.

We specialize in fully customized projects, supporting any design vision, size, or geometry. From intricate decorative elements to large-scale architectural components, our team brings bold, creative ideas to life with exceptional accuracy and craftsmanship, turning complex concepts into tangible, ready-to-use solutions.

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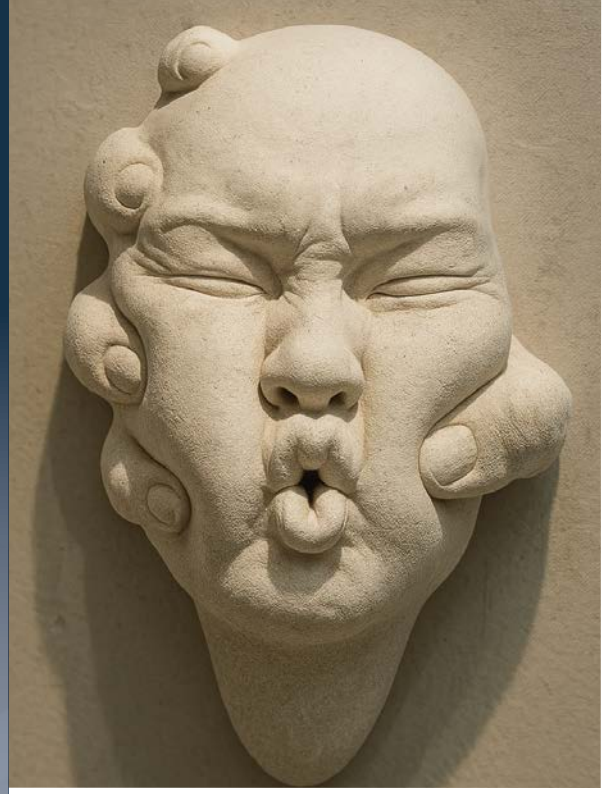
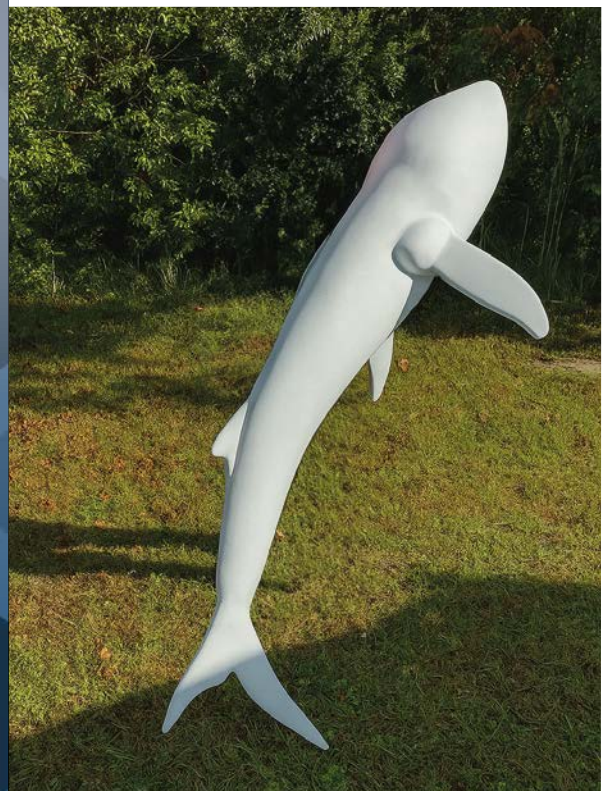
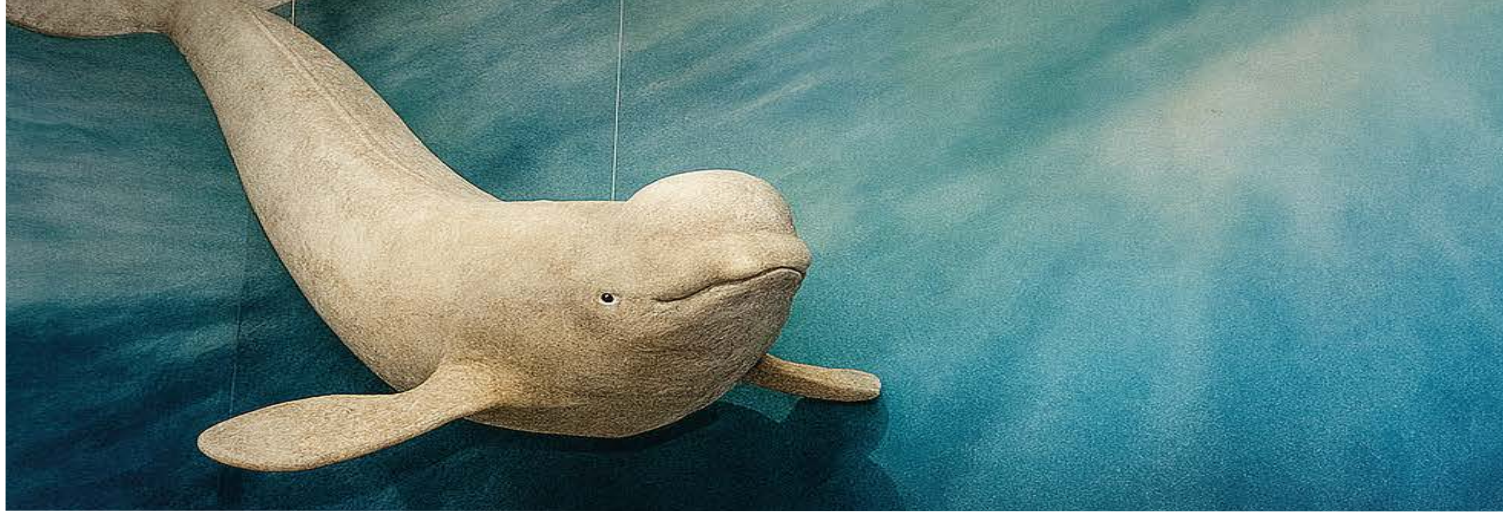
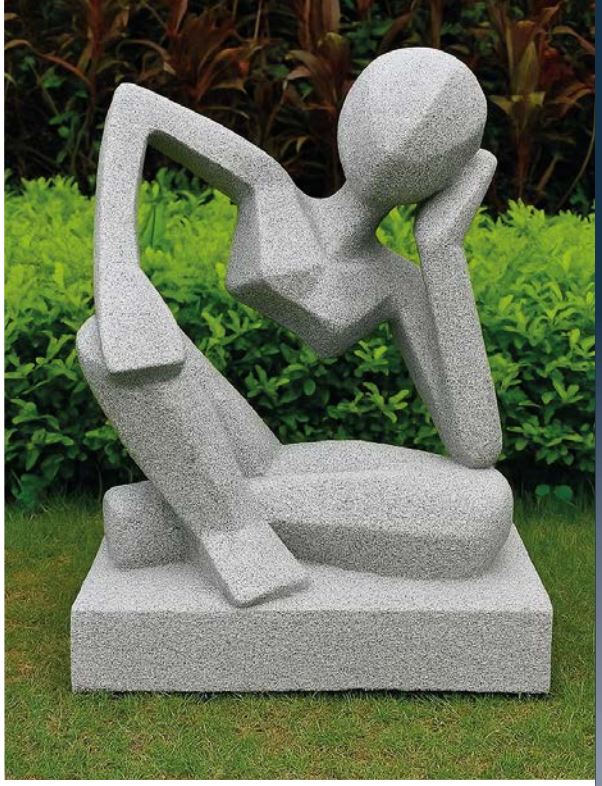








Expert Report: Fire Safety of 3D Sign Factory Foam SIGNS (Class A)

1. EXECUTIVE SUMMARY

The 3D Sign Factory Foam SIGN system is a multi-layer mass–spring–mass composite barrier: EPS core + PVC sheet (0.125″) on both sides + polyurethane cladding (2″, 16 lb/ft⊠) + polyurea (~33 mil) with primer + synthetic stucco. This configuration creates a sequence of non-combustible and self-extinguishing barrier layers, fully encapsulating the combustible EPS core. With the use of FR-grade materials and proper assembly, the system demonstrates potential to achieve ASTM E84 Class A classification (Flame Spread Index ≤ 25; Smoke Developed Index ≤ 450).

2. REGULATORY FRAMEWORK AND CLASSIFICATION STANDARDS

ASTM E84 / UL 723 – Standard Test Method for Surface Burning Characteristics of Building Materials. Classification thresholds: Class A (FSI 0–25; SDI ≤ 450); Class B (26–75); Class C (76–200).

NFPA 285 – Full-scale test method for fire propagation on exterior wall assemblies containing combustible components; applicable for barrier-protected EPS/EIFS-like systems.

EN 13501-1 (Euroclass): European classification A1–F; reference point for international comparisons.

3. MATERIALS AND THEIR FIRE SAFETY ROLE

LAYER	FIRE PERFORMANCE	TARGET CLASSIFI-CATION
Synthetic Stucco	Non-combustible mineral layer; primary fire shield	ASTM E84 Class A / EN 13501-1 A1
Polyurea (33 mil)	Forms protective char; slows flame spread	ASTM E84 Class A/B
PVC 0.125″	Self-extinguishing; limits flame spread	ASTM E84 Class B
Polyurethane 2″ (16 lb/ft^3, FR)	Massive thermal barrier; with FR additives slows ignition	ASTM E84 Class A/B
EPS core (FR-grade)	Combustible by nature, but fully encapsulated; no flame contact	ASTM E84 Class A (in system)

4. PATHWAY TO CLASS A CERTIFICATION

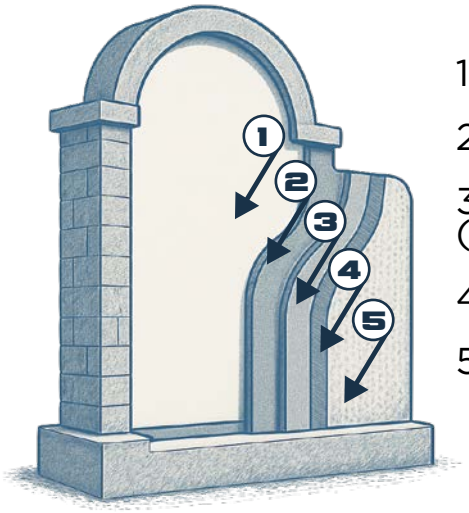
FR-formulations for polyurea and PU with proven ASTM E84 Class A performance.

EPS core specified as FR-grade with valid E84 reports from suppliers.

Laboratory testing of the complete 3D Sign Factory Foam SIGN panel under ASTM E84 to confirm FSI/SDI limits.

NFPA 285 full-scale wall assembly testing, if required by IBC/IFC for exterior applications.

Documentation alignment with IBC/IFC/IRC, which reference ASTM E84/UL 723 Class A requirements.



1 SYNTHETIC STUCCO

2 POLYUREA (~33 MIL) WITH PRIMER

3 POLYURETHANE CLADDING (2", <16 LB/FT^3)

4 PVC SHEET (0.125") ON BOTH SIDES

5 EPS CORE

5. COMPARATIVE ANALYSIS WITH OTHER FENCE MATERIALS

Fence Material	Fire Behavior	Typical Classification	Notes
Wood / WPC	Combustible, rapid flame spread	Often Class C or none	High fire load, needs treatment
Steel / Aluminum	Non-combustible	Not rated (non-combustible)	Conduct heat, require detailing
Concrete / Masonry	Non-combustible, high mass	Not rated (A1 in Euroclass)	Heavy, costly installation
Vinyl (PVC) Foam SIGN	Self-extinguishing but polymeric	ASTM E84 Class B	Smoke release considerations
HDPE / Composite Panels	Combustible without FR additives	Class C–B	Requires FR additives, check E84
EIFS-like Stucco-over-Foam	Performance depends on encapsulation	Often NFPA 285 approved	Analogous to 3D Sign Factory system
3D Sign Factory (FR package)	Encapsulated EPS; barrier-protected	Target ASTM E84 Class A	Lightweight, modular, near-concrete safety

6. KEY ENGINEERING MEASURES FOR CLASS A

Full encapsulation of EPS with no exposed edges or gaps.

Verified FR-grade formulations for polyurea and polyurethane.

Strict quality control for stucco thickness and continuity.

Proper detailing at joints, ground terminations, and fastener penetrations.

Independent laboratory testing of both materials and full assemblies.

7. CERTIFICATION ROADMAP

Step 1: Obtain supplier reports for FR-grade EPS, polyurea, and PU (ASTM E84 Class A certified).

Step 2: Conduct ASTM E84 tunnel test for complete 3D Sign Factory Foam SIGN panel.

Step 3: If required by project code, conduct NFPA 285 wall assembly test.

Step 4: Reference IBC/IFC provisions requiring Class A (25/50 rule).

Step 5: Maintain QA/QC and update reports with each material change.

7. CERTIFICATION ROADMAP (CONTINUED)

The multi-layer 3D Sign Factory Foam SIGN system, with FR-modified components and proper assembly, demonstrates clear potential to meet ASTM E84 Class A requirements. When encapsulated with non-combustible and self-extinguishing layers, the EPS core does not contribute to flame spread. With additional NFPA 285 testing, the system can be recognized as equivalent to masonry and concrete walls in terms of fire safety, while remaining lighter, modular, and more cost-effective.

Technical Documentation Polyurea Hardcoat

WHAT IS POLYUREA?

Polyurea is a chemically-developed polymer coating stronger than most commonly used outdoor protective coatings, reaching a 60 on the Shore D Hardness Scale. Polyurea bonds at a molecular level with the surface it is applied to, such as metal, fiberglass, concrete, plastic, or wood. When sprayed onto a structure, it offers maximum flexibility with no negative impact from angles or bends.

Polyurea protects against physical and chemical damage and enhances appearance. It is highly flexible, water-resistant, and quick to apply. For 3D Sign Factory, Polyurea is used to protect foam and metal letters and models. Color options are fully customizable.

POLYUREA PROTECTS AGAINST:

High surface temperatures in direct sunlight

Sharp edges

Abrasion, scratches, and impact damage

Water, chemical, and fire damage

UV light

Rust and corrosion

Polyurea finishes have a slightly textured (orange peel-like) surface. While not noticeable from a distance, a flat finish may not be achievable.

Polyurea FAQs:

HOW MUCH WEIGHT WILL IT ADD?
Minimal and negligible in most use cases.

HOW MUCH MORE TIME WILL IT ADD TO MY PROJECT?
It's fast-drying and faster than most coatings — one of the quickest finishing solutions available.

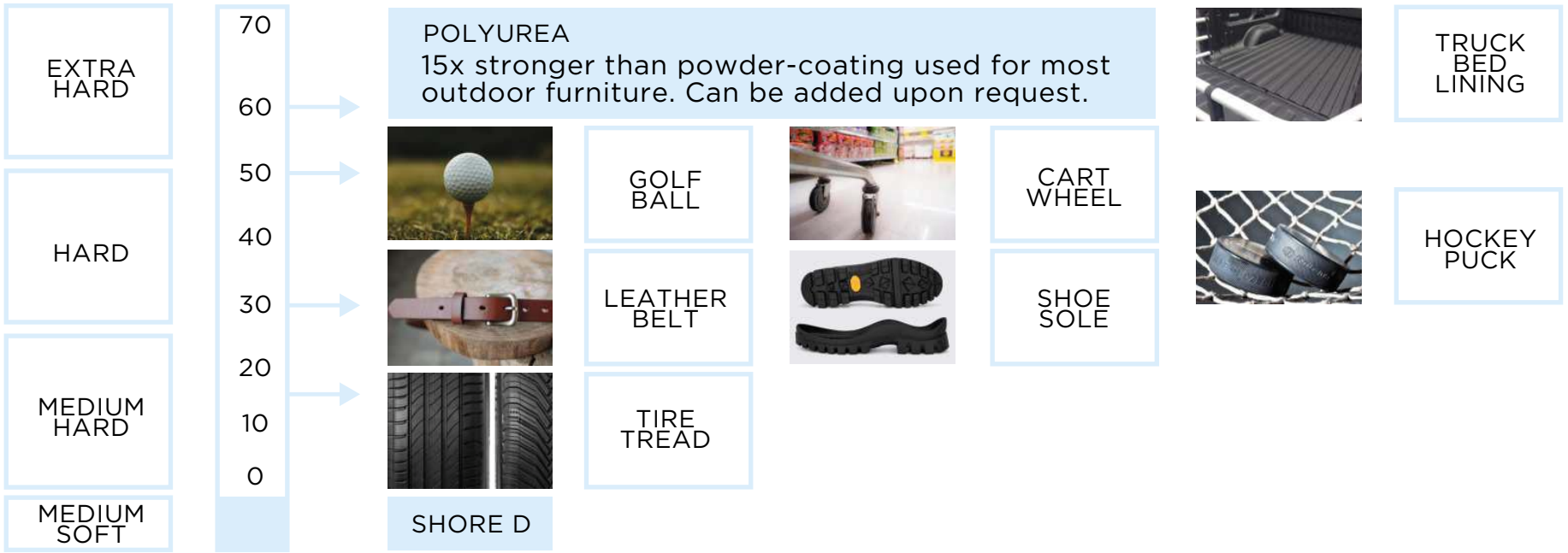
DOES THE POLYUREA HARDCOAT WITHSTAND TEMPERATURE EXTREMES?
Yes — functional from subzero up to 250°F.

IS POLYUREA ENVIRONMENTALLY FRIENDLY?
Yes — contains no VOCs or CFCs and is approved for food prep and potable water use.

How hard is our Polyurea Hardcoat finish?

ACCORDING TO THE SHORE D HARDNESS SCALE

The Shore D Hardness Scale measures the hardness of hard rubbers, semi-rigid plastics and hard plastics. A high number means a large hardness.



The Shore Hardness Scale is determined by a material's resistance to a test needle of various points and angles. For example, a material on the Shore A scale can withstand a needle with a blunted point with varying depths of penetration. A material on the Shore D scale can withstand a pointed needle that narrows at a 30° angle with varying depths of penetration.

20 YEAR LIMITED WARRANTY: STONE & BRICK

3D Sign Factory US LLC (3D Sign Factory) Faux Stone, Rock, and Brick Products (the “Products”) are manufactured in accordance with high standards and tight quality controls. 3D Sign Factory Products will not rust or corrode because the panels are made of polyurethane.

WHAT DOES THIS WARRANTY COVER?

3D Sign Factory warrants to you, the owner of the property at the time the Products were purchased, that the Products are free from defects in material and workmanship in the course of manufacturing if installed ccording to 3D Sign Factory’s Installation Guide and maintained according to 3D Sign Factory’s Use and Care document . A manufacturing defect shall only constitute the following: flakes peels, or deterioration or Product ontraction greater than 0.07% of the original size of the Product.

HOW LONG DOES THE COVERAGE LAST?

This Limited Warranty lasts for 20 years from the original purchase date, prorated as outlined in the Warranty Coverage Schedule below. This Limited Warranty is limited to the original 3D Sign Factory urchaser and is nontransferable to any subsequent property owner.

WHAT WILL WE DO?

You must notify us in accordance with the notice requirements specified below, and 3D Sign Factory will investigate and determine, in its sole discretion, whether you have a valid claim. If 3D Sign Factory, in its sole discretion, determines that you have a valid warranty claim, 3D Sign Factory will undertake the following if applicable to your claim:

IF 3D SIGN FACTORY DETERMINES THAT THERE WAS A MANUFACTURING DEFECT, IN ITS DISCRETION, 3D SIGN FACTORY WILL EITHER:

1) Provide paint, caulking, and sealant as it may determine will be adequate to repair the portion of the Product related to the Defect or

2) replace the portion related to the Defect or

3) refund the purchase price for the portion related to the Defect, prorated as outlined in the Warranty Coverage Schedule below.

Our obligations under this Warranty will in no event exceed the purchase price of the portion of the Products found to be defective. Any additional costs and expenses beyond these amounts are your responsibility. Labor costs are not covered.

Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com

THIS WARRANTY DOES NOT COVER?

- Damage of any kind resulting from faulty or improper use, application, vandalism, abuse or installation of the Product Improper installation
- Damage resulting from settlement of the building, movement in foundation or walls, or other failures of the structure
- Fading due to normal weathering
- Claims that may have been caused by failure to perform the recommended annual preventative maintenance as specified in the Royal Foam Use and Care document found on www.royalfoam.us
- Surface discoloration due to air pollution, exposure to harmful chemicals (including harmful cleaning compounds and pesticides), efflorescence, oxidation, or normal weathering of the surface
- Airborne stains, mold and mildew accumulation
- Expansion or contraction of the Products due to extreme environmental conditions
- Installing interior Products outdoors voids the warranty
- Labor or installation costs
- Damage incurred to the Products during shipment to you
- Damage incurred during your storage of the Products prior to installation
- Damage from fire, fumes, vapors, animals or birds of any kind
- Lightning, hurricane, tornado, windstorm, earthquake, flood, water damage or other events
- Unforeseeable natural events, disasters or acts of God
- Product discoloration resulting from unpainted polyurethane exposed to sunlight
- Impact of foreign objects
- Warping or distortion of the Product due to exposure to excessive heat sources (e.g., barbecue grills) or exposure to unusual or excessive reflective heat sources (e.g., skylight or window reflection, roofing materials, pools, decks, blacktop, or concrete materials)
- Product that has been painted or whose surface has been altered in any way without written authorization from 3D Sign Factory

HOW DO YOU SUBMIT A WARRANTY CLAIM?

To initiate a claim, you should contact our warranty services department at (904) 345-5400 to receive a warranty claim form or download the claim form from the 3D Sign Factory website.

You must submit your claim form in writing by email to us within the warranty period and within 30 days after the Defect was discovered or should have been discovered by you.

3D Sign Factory in most cases will require specific information from you the purchaser to include, but not limited to: Photos and pictures, samples and measurements so that 3D Sign Factory can properly evaluate the claim.

Failure of Purchaser to provide any requested photos, pictures, samples, measurements, or other necessary information could result in the claim being delayed or denied.

OTHER LIMITATIONS

1. Due to normal weathering or changes in manufacturing, replacement Products may differ in gloss and color from Products originally installed on the property.

2. We reserve the right to discontinue or change any design or color of any of our Products at any time and without notice or liability. If, for any reason, Products of the type originally installed are no longer available through 3D Sign Factory at the time you make a warranty claim, we may substitute another product determined by us to be of comparable quality and price.

3. There are no warranties on these Products other than as set forth in this Warranty. We are not liable to you for a breach of any other written or oral express warranties, such as those, if any, given to you by, salesmen, dealers, contractors, applicators, or distributors of the Products.

4. We exclude and are not responsible for any consequential or incidental damages arising out of any breach of this express warranty, or any other oral, written or implied warranty that may apply to your purchase, as it relates to our products. This is your exclusive warranty and is in lieu of all other warranties, express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose.

5. We exclude and are not responsible for any consequential or incidental damages from Products installed too close to a heat source or Products that are installed in an area where the Products may come in contact with flames or embers. It is the owner's sole responsibility to follow the installation guide.

WARRANTY COVERAGE SCHEDULE

If 3D Sign Factory determines in its sole iscretion that the purchaser shall receive replacement Products or a refund for the portion of the Product related to the defect, the Proration schedule below shall apply: refund amount will be provided according to the schedule below.

YEARS FROM PURCHASE DATE	3D SIGN FACTORY'S COVERAGE	PURCHA RESPON-SIBILITY
0-1 YEAR	95%	5%
1 YEAR AND 1 DAY TO 2 YEARS	50%	50%
2 YEARS AND 1 DAY TO 3 YEARS	40%	60%
3 YEARS AND 1 DAY TO 4 YEARS	30%	70%
4 YEARS AND 1 DAY TO 5 YEARS	25%	75%
5 YEARS AND 1 DAY TO 7 YEARS	20%	80%
7 YEARS AND 1 DAY TO 9 YEARS	15%	85%
9 YEARS AND 1 DAY TO 12 YEARS	10%	90%
12 YEARS AND 1 DAY TO 20 YEARS	5%	95%

WARRANTY DISPUTE RESOLUTION

Any dispute arising out of or related to this Warranty shall be resolved only by binding arbitration in Jacksonville FL Duval County Courthouse.

SAFETY & BEST PRACTICES FOR YOUR 3D SIGN FACTORY FOAM SIGN

A stucco Foam Sign excels in majesty and security, turning your outdoor space into an asylum of both beauty and protection. Its textured surface is put together with refined stone-like details, creating an intimate, harmonious accent around your home, offering steadfast strength and evolving peace of mind. Crafted from high-quality polyurethane, the panels resist corrosion, rust, and everyday wear, combining timeless design with resilient force.

Installation & Safety Guidelines

SECURE AND CODE-COMPLIANT SETUP

Ensure each panel is firmly anchored according to 3D Sign Factory's professional installation instructions. Proper alignment and anchoring solidify structural integrity, keeping your stucco Foam Sign both safe and delicate.

SAFE HANDLING AND PLACEMENT

Meanwhile, being lightweight but sturdy, the panels are easy to maneuver. The following point is worth noting: having two people handle installation reduces the risk of drops or chipping and ensures precise placement. Keep panels away from intense heat sources such as grills, reflective surfaces, or direct sunlight to avoid warping.

STABILITY AND STRESS AVOIDANCE

Install panels on level ground whenever possible. If placing on uneven terrain, avoid stepping on the panels to maintain visual harmony and protect edges from undue strain or damage.

ROUTINE INSPECTION & MAINTENANCE

Systematically inspect your 3D Sign Factory Foam Sign for minor imperfections. Even early attention to small chips or surface abrasions helps preserve both aesthetic value and structural durability. Clean gently with mild care products and avoid harsh chemicals or aggressive cleaners.

WEATHER-READY RELIABILITY

The Foam Sign is engineered to withstand wind, fire risk, and other environmental stressors. Non-combustible and impact-resistant, it offers superior safety compared to traditional wood Foam Signing—ideal for homes in challenging climates. Even during extreme conditions, the Foam Sign is designed to retain its form and style.

LONG-TERM ASSURANCE

Your investment is protected under a 20-year limited warranty covering manufacturing defects, provided installation and care guidelines are attached. This ongoing protection ensures that your 3D Sign Factory stucco Foam Sign continues to deliver style, harmony, and reliable protection for generations to come.

By embracing these best practices, a stucco Foam Sign becomes more than a boundary. It is a lasting expression of privacy, coziness, and architectural refinement—an ingenious solution that enhances daily life while standing as a symbol of security, trust, and permanence.

Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com

8FT DECORATIVE MONUMRNT SIGN ONSTEEL POSTS

RATED FOR WIND SPEEDS UP TO **140 MPH**

NONSTRUCTURAL, DECORATIVE BARRIER, FOR INSTALLATION AT GRADE

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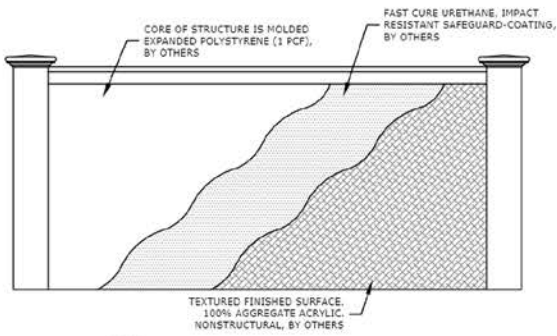
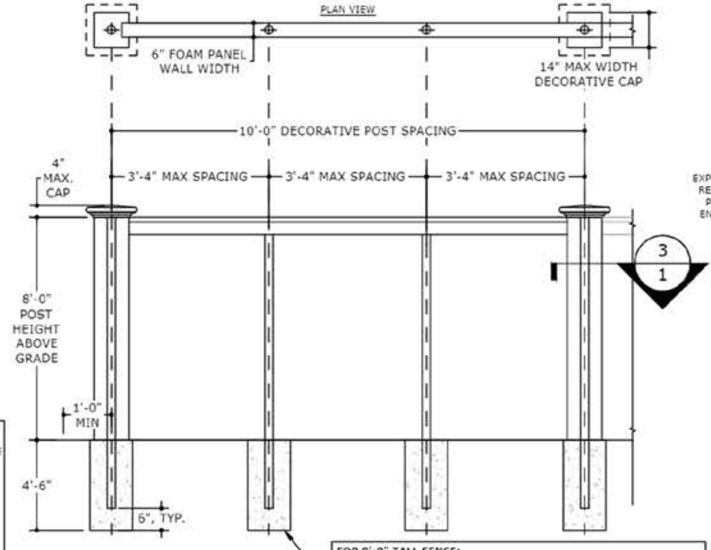


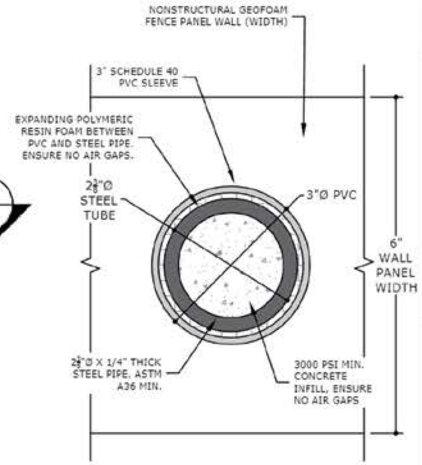
1/1 GENERAL FOAM SIGN LAYOUT
NOT TO SCALE — ELEVATION



FOR 8'-0" TALL FENCE:
PROVIDE 24" Ø OR SQUARE X 54" DEPTH CONCRETE FOOTING, 3KSI MIN.

CONCRETE MIX SHALL INCLUDE .1% FIBERMESH REINFORCEMENT ADMIXTURE PER CUBIC YARD

2/1 STRUCTURAL SECTION FOR FOAM SIGN
NOT TO SCALE — SECTION



3/1 FOAM SIGN POST ASSEMBLY
NOT TO SCALE — SECTION

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VALID AS A GENERIC PERFORMANCE EVALUATION ONLY FOR UP TO **250FT** OF **COMMERCIAL OR RESIDENTIAL** FENCING AT (1) LOCATION.

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RUBBED PENCIL COPIES ARE NOT PERMITTED FOR USE IN ANY WAY

FOOTING NOTES:

1. VALID FOR USE IN EXPOSURES 'C' & 'D' INSIDE & OUTSIDE THE FLORIDA HIGH VELOCITY HURRICANE ZONE (HVHZ, DADE & BROWARD COUNTIES) UP TO 115MPH Vult
2. FOOTING DIMENSION (DIAMETER) SHALL BE EITHER THE DIAMETER OF A ROUND OR DIMENSIONS OF A SQUARE FOOTING.
3. FOOTERS DESIGNED USING LIMITING CRITERIA IN FBC / IBC CHAPTER 2328 INSIDE THE FL HVHZ AND CONSIDERED VALID FOR USE OUTSIDE HVHZ IN EXPOSURE 'C' AND 'D' CONDITIONS. THE PRODUCT MAY LIST BUT STAY IN TACT IN SATURATED SOIL AT PEAK WINDS AND IS STILL CONSIDERED PROPERLY DESIGNED.
4. FOOTING SPECIFICATIONS ASSUME 5' MAX FENCE POST SPAN.
5. FOR FOAM SIGN WITH CONCRETE FOOTINGS EMBEDDED INTO SOIL, DESIGN IS SUCH THAT FENCES MAY LIST DURING PERIODS OF HIGH WINDS AND SATURATED SOILS AND IS STILL CONSIDERED PROPERLY DESIGNED

DESIGN CRITERIA:

CURRENT STATE BUILDING CODE
INTERNATIONAL BUILDING CODE & RESIDENTIAL CODE (2018 & 2021)
ASCE 7-22 LOAD COMBINATIONS

1. WIND LOADING DESIGN CRITERIA

1.1.	METHODOLOGY	SOLID WALL & FENCE (PER ASCE 29.4)
1.2.	ULTIMATE WIND SPEED	140 MPH (ASD = SQRT(0.6)*Vult)
1.3.	RISK CATEGORY	RISK II
1.4.	WIND EXPOSURE FACTOR	D
1.5.	DIRECTIONALITY/OTHER FACTORS	Kd=0.85, G=0.85, Kz=0.85, Kzt=1.0
1.6.	SYSTEM MOUNTING HEIGHT	0 FEET (AT GRADE)
1.7.	**RESULTANT DESIGN WIND LOADING:**	**36 PSF**

DESIGN, CODES, AND CALCULATIONS

DESIGN NOTES

1. ALLOWABLE DESIGN PRESSURES UTILIZED IN THIS DOCUMENT HAVE BEEN CALCULATED PER THE REQUIREMENTS OF THE CODES AND STANDARDS STATED HEREIN USING ASCE 7-16 ALLOWABLE STRESS DESIGN METHODOLOGY WITH THE CRITERIA AS OUTLINED HEREIN. THE CONTRACTOR SHALL CONTACT THE AUTHORITY HAVING JURISDICTION TO ENSURE APPROPRIATE CRITERIA TO BE USED BEFORE CONSTRUCTION BEGINS.
2. THIS DRAWING SET IS PREPARED AS A SITE SPECIFIC DESIGN. TYPICAL FIELD CONDITIONS HAVE BEEN ASSUMED.
3. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
4. ANY EXISTING HOST STRUCTURE MUST BE CAPABLE OF SUPPORTING THE LOADED SYSTEM AS VERIFIED BY THE ENGINEER & OR ARCHITECT OF RECORD, et.al. THE HOST STRUCTURE WHICH IS DESIGNED, CERTIFIED, AND INSPECTED BY OTHERS MUST PROVIDE SUFFICIENT CAPACITY FOR THE SYSTEM & REACTIONS DETAILED HEREIN. NO WARRANTY OR GUARANTEE TO THESE CONDITIONS, EITHER EXPRESSED OR IMPLIED, IS OFFERED WITH THIS CERTIFICATION.
5. SHOP DRAWINGS SHALL BE SUBMITTED FOR E.O.R. REVIEW AND APPROVAL BEFORE INSTALLATION.
6. FOR FENCES WITH CONCRETE FOOTINGS EMBEDDED INTO SOIL, DESIGN IS SUCH THAT FENCES MAY LIST DURING PERIODS OF HIGH WINDS AND SATURATED SOILS AND IS STILL CONSIDERED PROPERLY DESIGNED

STRUCTURAL MATERIALS & CONNECTIONS

STEEL

1. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST A.I.S.C. STEEL CONSTRUCTION MANUAL AND SHALL CONFORM WITH THE LATEST A.S.T.M. SPECIFICATIONS.
2. STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS UNLESS OTHERWISE NOTED ON THE CONTRACT DOCUMENTS:

   ROLLED SHAPES AND CHANNELS: ASTM A572 OR A992, MIN. YIELD STRENGTH 50 KSI

   ANGLES FOR TRUSSES AND BRACES: ASTM A36 MIN YIELD STRENGTH 36 KSI
   MISCELLANEOUS ANGLES: ASTM A36
   HOLLOW STRUCTURAL SECTIONS-ASTM A500 GRADE B, MIN YIELD STRENGTH 42 KSI FOR ROUND AND 46 KSI FOR RECTANGULAR HSS
3. CONNECTION MATERIAL SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS OR AS NEEDED FOR CONNECTION DESIGN:

   ANGLES: ASTM A36
   WTs: ASTM A992
   PLATES: ASTM A572, MIN YIELD STRENGTH 50 KSI
   BOLTS: ASTM A325
   NUTS: ASTM A563
   WASHERS: ASTM F436
   ANCHOR RODS: ASTM F1554 GRADE 55 WITH WELDABILITY SUPPLEMENT S1
   WELD ELECTRODES: E70XX
4. ALL OTHER STEEL MEMBERS NOT SPECIFIED SHALL CONFORM TO ASTM A36 STAINLESS STEEL UNLESS OTHERWISE NOTED
5. SHOW ALL COPES, HOLES, OPENINGS AND MODIFICATIONS REQUIRED IN STRUCTURAL STEEL MEMBERS FOR ERECTION OR THE WORK OF OTHER TRADES ON THE SHOP DRAWINGS FOR APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.
6. FIELD MODIFICATION OF STRUCTURAL STEEL IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
7. STEEL MEMBERS IN CONTACT WITH CONCRETE AND WOOD SHALL BE PROTECTED BY "KOPPERS BITUMINOUS PAINT" OR STEEL PRIMER IN ACCORDANCE WITH CURRENT FLORIDA BUILDING CODE. ALL WELDS TO BE COVERED WITH NON-REACTIVE PAINT
8. FOR STEEL MEMBERS AND EMBEDMENTS EXPOSED TO WEATHER, PROVIDE HOT-DIPPED GALVANIZED FINISH.
9. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.

OTHER MATERIALS

6. EPS CORE COMPOSITE PANELS SHALL BE CONSTRUCTED USING TYPE 3105-H154 ALUMINUM FACINGS. EXPANDED POLYSTYRENE FOAM SHALL HAVE TYPICAL DENSITY OF 1.0 PCF & 2.0 PCF AND SHALL BE MANUFACTURED BY DYPLAST PRODUCTS. THE EPS FOAM SHALL BE ADHERED TO THE ALUMINUM FACING WITH ISOGRIP SP 202 ADHESIVE (BY ASHLAND SPECIALTY). FABRICATION SHALL BE IN ACCORDANCE WITH APPROVED FABRICATION METHODS BY MANUFACTURER FOR ALL PANELS.
7. IF APPLICABLE, COMPOSITE PANELS SHALL COMPLY WITH CHAPTER 7 SECTION 721, CHAPTER 8 SECTION 803, CLASS A INTERIOR FINISH, AND CHAPTER 26 SECTION 2603 OF THE FLORIDA/INTERNATIONAL CODE.
8. EXPANDED POLYSTYRENE FOAM SHALL HAVE TYPICAL DENSITY OF 1.0 PCF.
9. PVC INFORMATION: ALL PVC RESIN TO BE ASTMD1784 EXTRUDED D438 FLEX STR. 9600PSI D790. ALL TO CONFORM TO ASTM F 964 FOR RIGID POLYVINYL PROFILES.

NON-STRUCTURAL ELEMENTS:

1. THE INSTALLATION OF ANY ACCESSORIES THAT DO NOT AFFECT THE STRUCTURAL INTEGRITY OF THE STRUCTURE ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION AND NOT REQUIRED TO BE CERTIFIED UNDER THIS STRUCTURAL DRAWING. THEY MAY BE INSTALLED WITHIN LIMITATIONS STATED HEREIN AND AS DESIRED PER MFR. SPECIFICATIONS. DETAILS PROVIDED HEREIN ARE FOR REFERENCE ONLY

FOUNDATIONS, CONCRETE, AND REINFORCEMENT

CONCRETE

1. CONCRETE MIXTURES SHALL BE DESIGNED TO REACH A COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS UNO.
2. ALL MIXING, TRANSPORTING, PLACING, & CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318.
3. NO ADMIXTURES ARE TO BE USED WITHOUT THE WRITTEN APPROVAL OF THE ABOVE-SIGNED ENGINEER.
4. CONCRETE SHALL BE TYPE 1 PORTLAND CEMENT MEETING THE REQUIREMENTS OF ASTM C150, AGGREGATES TO MEET ASTM C33. POTABLE WATER SHALL BE USED.
5. SLUMP SHALL BE A MINIMUM OF 3" AND MAXIMUM OF 5" CONCRETE DURING AND IMMEDIATELY AFTER DEPOSITING SHALL BY THOROUGHLY COMPACTED BY MEANS OF MECHANICAL VIBRATION.

REINFORCING STEEL

1. WHEN REINFORCING STEEL IS NOTED AS CONTINUOUS REINFORCING IN SLABS, WALLS, AND/OR BEAMS, SPLICE CONTINUOUS REINFORCING STEEL ONLY WHEN UNAVOIDABLE DUE TO STOCK LENGTHS.
   - 1.1. LAP CONTINUOUS REINFORCING A MINIMUM OF 48 BAR DIAMETERS IN BEAMS & COLUMNS, 36 BAR DIAMETERS IN SLABS.
   - 1.2. STAGGER ALL SPLICES A MINIMUM OF FOUR FEET. ADJACENT BAR WITH SPLICES ARE NOT ACCEPTABLE.
   - 1.3. LOCATE TOP BAR FOR SPLICES WITHIN MIDDLE HALF OF THE SPAN AND LOCATE BOTTOM BAR SPLICES AT SUPPORTS, OR BETWEEN SUPPORTS AND 1/3 SPAN POINT UNLESS NOTED OTHERWISE ON PLANS, DETAILS OR SCHEDULES.
2. ALL REINFORCEMENT SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO CURRENT REQUIREMENTS OF ASTM A615, GRADE 60 (U.O.N.), FREE FROM OIL, LOOSE SCALE AND LOOSE RUST AND BENT, LAPPED, PLACED, SUPPORTED AND FASTENED ACCORDING TO THE "ACI DETAILING MANUAL" (SP-66) AND THE ACI 318.
3. CLEAR COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   FOOTINGS PERMANENTLY EXPOSED TO EARTH: 3"
4. ALL STEEL SHALL BE SECURELY HELD IN PLACE DURING POURING OF CONCRETE. IF REQUIRED, ADDITIONAL BARS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.

GENERAL NOTES & DISCLAIMERS

1. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT SHALL REMAIN IN CONFORMANCE WITH THE LIMITATIONS OF THIS PLAN. THE CONTRACTOR IS TO VERIFY ALL FIELD DIMENSIONS PRIOR TO INSTALLATION, AND VERIFY THAT PROPOSED DIMENSIONS AND FIELD CONDITIONS AGREE WITH THIS PROPOSED PLAN. USE OF THIS DOCUMENT CONSTITUTES ACCEPTANCE OF THE PROPOSED SYSTEM LAYOUT, COMPONENTS SELECTED, AND INSTALLATION. THESE DRAWINGS ARE NOT INTENDED TO BE USED AS FABRICATION OR SHOP DRAWINGS.
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4. THIS DOCUMENT SHALL NOT BE USED OR REPRODUCED WITHOUT THE ORIGINAL SIGNATURE & RAISED SEAL OF THE CERTIFYING P.E. ALTERATIONS, ADDITIONS OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION. PHOTOCOPIES AND UNSEALED DOCUMENTS ARE NOT TO BE ACCEPTED.
5. ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
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3D SIGN FACTORY, LLC DBA
"GREEN WALL CONSTRUCTION"
4225 JAMES E CASEY DRIVE, UNIT 5
JACKSONVILLE, FL 32219

DECORATIVE FOAM PANEL FOAM SIGN ON STEEL POSTS PERFORMANCE EVALUATION
ASCE 7-22 / IBC 2021

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	ANC	CCB	5/8/25

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SCALE: NTS UNLESS NOTED

1 OF 1

6/11/2025 9:01 AM ALEXANDRACOLVIN c:\users\alexandracolvin\engineering express\production - documents\projects\25-\25-85089 decorative fencing panels performance evaluation\work\drawings & cad\25-85090f-8 foot decorative fencing panels_perfeval.dwg

6FT DECORATIVE MONUMRNT SIGN ONSTEEL POSTS

RATED FOR WIND SPEEDS UP TO **175 MPH**

NONSTRUCTURAL, DECORATIVE BARRIER, FOR INSTALLATION AT GRADE

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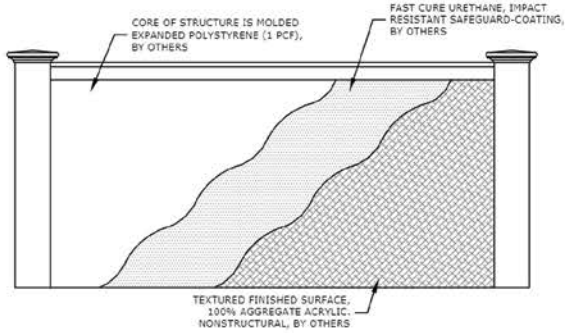
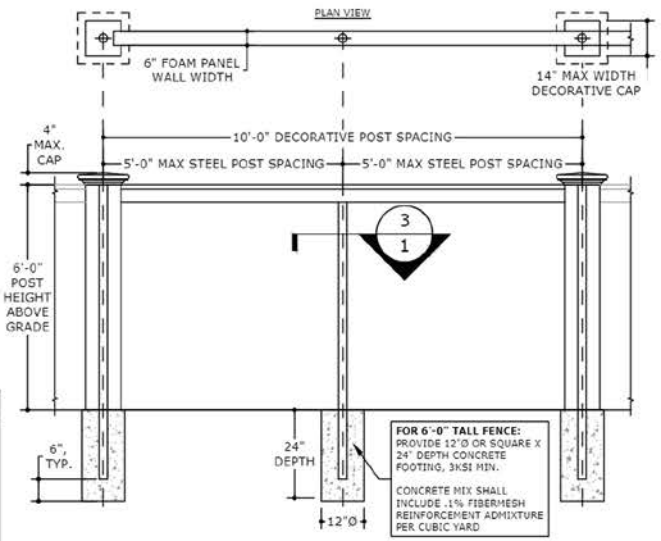
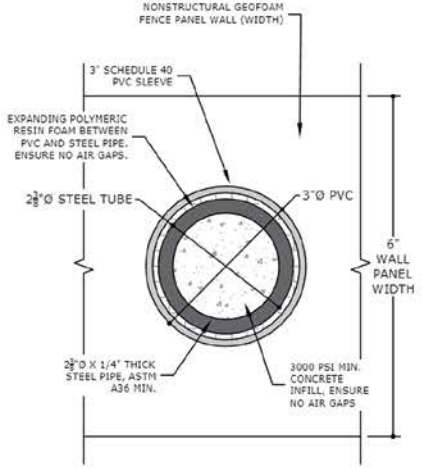


1/1 GENERAL FOAM SIGN LAYOUT — NOT TO SCALE — ELEVATION



2/1 STRUCTURAL SECTION FOR FOAM SIGN — NOT TO SCALE — SECTION



3/1 FOAM SIGN POST ASSEMBLY — NOT TO SCALE — SECTION

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RUBBED PENCIL COPIES ARE NOT PERMITTED FOR USE IN ANY WAY

FOOTING NOTES:
1. VALID FOR USE IN EXPOSURES 'C' & 'D' INSIDE & OUTSIDE THE FLORIDA HIGH VELOCITY HURRICANE ZONE (HVHZ, DADE & BROWARD COUNTIES) UP TO 115MPH Vult
2. FOOTING DIMENSION (DIAMETER) SHALL BE EITHER THE DIAMETER OF A ROUND OR DIMENSIONS OF A SQUARE FOOTING.
3. FOOTERS DESIGNED USING LIMITING CRITERIA IN FBC / IBC CHAPTER 2328 INSIDE THE FL HVHZ AND CONSIDERED VALID FOR USE OUTSIDE HVHZ IN EXPOSURE 'C' AND 'D' CONDITIONS. THE PRODUCT MAY LIST BUT STAY IN TACT IN SATURATED SOIL AT PEAK WINDS AND IS STILL CONSIDERED PROPERLY DESIGNED.
4. FOOTING SPECIFICATIONS ASSUME 5' MAX FENCE POST SPAN.
5. FOR FOAM SIGN WITH CONCRETE FOOTINGS EMBEDDED INTO SOIL, DESIGN IS SUCH THAT FENCES MAY LIST DURING PERIODS OF HIGH WINDS AND SATURATED SOILS AND IS STILL CONSIDERED PROPERLY DESIGNED

DESIGN CRITERIA:

CURRENT STATE BUILDING CODE
INTERNATIONAL BUILDING CODE & RESIDENTIAL CODE (2018 & 2021)
ASCE 7-22 LOAD COMBINATIONS

1. WIND LOADING DESIGN CRITERIA
   - 1.1. METHODOLOGY: SOLID WALL & FENCE (PER ASCE 29.4)
   - 1.2. ULTIMATE WIND SPEED: 175 MPH (ASD = SQRT(0.6)*Vult)
   - 1.3. RISK CATEGORY: RISK II
   - 1.4. WIND EXPOSURE FACTOR: D
   - 1.5. DIRECTIONALITY/OTHER FACTORS: Kd=0.85, G=0.85. Kz=0.85. Kzt=1.0
   - 1.6. SYSTEM MOUNTING HEIGHT: 0 FEET (AT GRADE)
   - **1.7. RESULTANT DESIGN WIND LOADING: 23.5 PSF**

PER FBC CHAPTER 1616.2.1: ALL FENCES UP TO 6'-0" IN HEIGHT MAY BE DESIGNED FOR 115 MPH INSIDE & OUTSIDE THE HVHZ.

DESIGN, CODES, AND CALCULATIONS

DESIGN NOTES:
1. ALLOWABLE DESIGN PRESSURES UTILIZED IN THIS DOCUMENT HAVE BEEN CALCULATED PER THE REQUIREMENTS OF THE CODES AND STANDARDS STATED HEREIN USING ASCE 7-16 ALLOWABLE STRESS DESIGN METHODOLOGY WITH THE CRITERIA AS OUTLINED HEREIN. THE CONTRACTOR SHALL CONTACT THE AUTHORITY HAVING JURISDICTION TO ENSURE APPROPRIATE CRITERIA TO BE USED BEFORE CONSTRUCTION BEGINS.
2. THIS DRAWING SET IS PREPARED AS A SITE SPECIFIC DESIGN. TYPICAL FIELD CONDITIONS HAVE BEEN ASSUMED.
3. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
4. ANY EXISTING HOST STRUCTURE MUST BE CAPABLE OF SUPPORTING THE LOADED SYSTEM AS VERIFIED BY THE ENGINEER & OR ARCHITECT OF RECORD, et.al. THE HOST STRUCTURE WHICH IS DESIGNED, CERTIFIED, AND INSPECTED BY OTHERS MUST PROVIDE SUFFICIENT CAPACITY FOR THE SYSTEM & REACTIONS DETAILED HEREIN. NO WARRANTY OR GUARANTEE TO THESE CONDITIONS, EITHER EXPRESSED OR IMPLIED, IS OFFERED WITH THIS CERTIFICATION.
5. SHOP DRAWINGS SHALL BE SUBMITTED FOR E.O.R. REVIEW AND APPROVAL BEFORE INSTALLATION.
6. FOR FENCES WITH CONCRETE FOOTINGS EMBEDDED INTO SOIL, DESIGN IS SUCH THAT FENCES MAY LIST DURING PERIODS OF HIGH WINDS AND SATURATED SOILS AND IS STILL CONSIDERED PROPERLY DESIGNED

STRUCTURAL MATERIALS & CONNECTIONS

STEEL
1. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST A.I.S.C. STEEL CONSTRUCTION MANUAL AND SHALL CONFORM WITH THE LATEST A.S.T.M. SPECIFICATIONS.
2. STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS UNLESS OTHERWISE NOTED ON THE CONTRACT DOCUMENTS:

   ROLLED SHAPES AND CHANNELS: ASTM A572 OR A992, MIN. YIELD STRENGTH 50 KSI

   ANGLES FOR TRUSSES AND BRACES: ASTM A36 MIN YIELD STRENGTH 36 KSI

   MISCELLANEOUS ANGLES: ASTM A36

   HOLLOW STRUCTURAL SECTIONS-ASTM A500 GRADE B. MIN YIELD STRENGTH 42 KSI FOR ROUND AND 46 KSI FOR RECTANGULAR HSS
3. CONNECTION MATERIAL SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS OR AS NEEDED FOR CONNECTION DESIGN:

   ANGLES: ASTM A36
   WTs: ASTM A992
   PLATES: ASTM A572, MIN YIELD STRENGTH 50 KSI
   BOLTS: ASTM A325
   NUTS: ASTM A563
   WASHERS: ASTM F436
   ANCHOR RODS: ASTM F1554 GRADE 55 WITH WELDABILITY SUPPLEMENT S1
   WELD ELECTRODES: E70XX
3. ALL OTHER STEEL MEMBERS NOT SPECIFIED SHALL CONFORM TO ASTM A36 STAINLESS STEEL UNLESS OTHERWISE NOTED
4. SHOW ALL COPES, HOLES, OPENINGS AND MODIFICATIONS REQUIRED IN STRUCTURAL STEEL MEMBERS FOR ERECTION OR THE WORK OF OTHER TRADES ON THE SHOP DRAWINGS FOR APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.
5. FIELD MODIFICATION OF STRUCTURAL STEEL IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
6. STEEL MEMBERS IN CONTACT WITH CONCRETE AND WOOD SHALL BE PROTECTED BY "KOPPERS BITUMINOUS PAINT" OR STEEL PRIMER IN ACCORDANCE WITH CURRENT FLORIDA BUILDING CODE. ALL WELDS TO BE COVERED WITH NON-REACTIVE PAINT
7. FOR STEEL MEMBERS AND EMBEDMENTS EXPOSED TO WEATHER, PROVIDE HOT-DIPPED GALVANIZED FINISH.
8. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.

OTHER MATERIALS
2. EPS CORE COMPOSITE PANELS SHALL BE CONSTRUCTED USING TYPE 3105-H154 ALUMINUM FACINGS. EXPANDED POLYSTYRENE FOAM SHALL HAVE TYPICAL DENSITY OF 1.0 PCF & 2.0 PCF AND SHALL BE MANUFACTURED BY DIVLAST PRODUCTS. THE EPS FOAM SHALL BE ADHERED TO THE ALUMINUM FACING WITH ISOGRIP SP 202 ADHESIVE (BY ASHLAND SPECIALTY). FABRICATION SHALL BE IN ACCORDANCE WITH APPROVED FABRICATION METHODS BY MANUFACTURER FOR ALL PANELS.
7. IF APPLICABLE, COMPOSITE PANELS SHALL COMPLY WITH CHAPTER 7 SECTION 721, CHAPTER 8 SECTION 803, CLASS A INTERIOR FINISH, AND CHAPTER 26 SECTION 2603 OF THE FLORIDA/INTERNATIONAL CODE.
8. EXPANDED POLYSTYRENE FOAM SHALL HAVE TYPICAL DENSITY OF 1.0 PCF.
9. PVC INFORMATION: ALL PVC RESIN TO BE ASTM01784 EXTRUDED D638 RLEV STR. 3600PSI D790. ALL TO CONFORM TO ASTM F 964 FOR R2030 POLY(VINYL) PROFILES.

NON-STRUCTURAL ELEMENTS:
1. THE INSTALLATION OF ANY ACCESSORIES THAT DO NOT AFFECT THE STRUCTURAL INTEGRITY OF THE STRUCTURE ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION AND NOT REQUIRED TO BE CERTIFIED UNDER THIS STRUCTURAL DRAWING. THEY MAY BE INSTALLED WITHIN LIMITATIONS STATED HEREIN AND AS OBSERVED PER MFR. SPECIFICATIONS. DETAILS PROVIDED HEREIN ARE FOR REFERENCE ONLY

FOUNDATIONS, CONCRETE, AND REINFORCEMENT

CONCRETE
1. CONCRETE MIXTURES SHALL BE DESIGNED TO REACH A COMPRESSIVE STRENGTH OF 8,000 PSI IN 28 DAYS UNO.
2. ALL MIXING, TRANSPORTING, PLACING, & CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318.
3. NO ADMIXTURES ARE TO BE USED WITHOUT THE WRITTEN APPROVAL OF THE ABOVE-SIGNED ENGINEER.
4. CONCRETE SHALL BE TYPE 1 PORTLAND CEMENT MEETING THE REQUIREMENTS OF ASTM C150. AGGREGATES TO MEET ASTM C33. POTABLE WATER SHALL BE USED.
5. SLUMP SHALL BE A MINIMUM OF 3" AND MAXIMUM OF 5" CONCRETE DURING AND IMMEDIATELY AFTER DEPOSITING SHALL BE THOROUGHLY COMPACTED BY MEANS OF MECHANICAL VIBRATION.

REINFORCING STEEL
1. ALL REINFORCEMENT SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO CURRENT REQUIREMENTS OF ASTM A615, GRADE 60 (U.O.N.). FREE FROM OIL, LOOSE SCALE AND LOOSE RUST AND BENT, LAPPED, PLACED, SUPPORTED AND FASTENED ACCORDING TO THE "ACI DETAILING MANUAL" (SP-66) AND THE ACI 318.
2. CLEAR COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   - FOOTINGS PERMANENTLY EXPOSED TO EARTH: 3"
3. ALL STEEL SHALL BE SECURELY HELD IN PLACE DURING POURING OF CONCRETE. IF REQUIRED, ADDITIONAL BARS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.

GENERAL NOTES & DISCLAIMERS

1. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT SHALL REMAIN IN CONFORMANCE WITH THE LIMITATIONS OF THIS PLAN. THE CONTRACTOR IS TO VERIFY ALL FIELD DIMENSIONS PRIOR TO INSTALLATION, AND VERIFY THAT PROPOSED DIMENSIONS AND FIELD CONDITIONS AGREE WITH THIS PROPOSED PLAN. USE OF THIS DOCUMENT CONSTITUTES ACCEPTANCE OF THE PROPOSED SYSTEM LAYOUT, COMPONENTS SELECTED, AND INSTALLATION. THESE DRAWINGS ARE NOT INTENDED TO BE USED AS FABRICATION OR SHOP DRAWINGS.
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3. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE ONLY PERMITTED TO SHOW SITE-SPECIFIC CONDITIONS. HOWEVER ANY CHANGES, ALTERATIONS OR ADDITIONS MADE TO THE CONTENT OF THIS DOCUMENT WILL INVALIDATE THIS CERTIFICATION.
4. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED

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DIGITAL SEAL NOTICE:
IF THIS DOCUMENT IS DIGITALLY SIGNED, THIS ITEM HAS BEEN DIGITALLY SIGNED BY THE ABOVE-DESIGNATED ENGINEER ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
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DECORATIVE FOAM PANEL FOAM SIGN ON STEEL POSTS PERFORMANCE EVALUATION
ASCE 7-22 / IBC 2021

REMARKS	DRWN	CHK'D	DATE
PER FSSE	ANC	CCB	5/6/25

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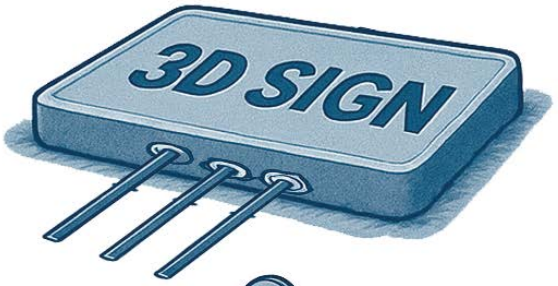
HOW INSTALL MONUMENT SIGN

- DETERMINE EXACT SIGN LOCATION
  Make Sure Surface is Level.
- PLACE SIGN DOWN ON SOFT SURFACE
  to protect face
- ALIGN GALVANIZED STEEL PIPES WITH SIGN
  Slowly twist pipe into sign, while spraying expandable foam around perimeter of pipe

  Repeat process for remaining pipes
- DIG POST HOLES
  using a post hole digger or auger

  Place sign into holes in ground

  Make sure surface is level
- USE WOOD OR STYROFOAM
  to slightly raise sign off ground
- POUR CEMENT INTO HOLES FOR PERMANENT INSTALLATION
- BE SURE SIGN IS SITTING ON SOLID SURFACE
  (Our monuments are not designed to be post supported structures)
- FILL IN AREA WITH EXCESS DIRT



Nationwide Manufacturing Excellence: 3D Sign Factory Foam SIGN

At 3D Sign Factory, we are proud of delivering superior craftsmanship through our nationwide manufacturing network. Each Stucco Wall Foam Sign panel is engineered with precision and care, ensuring every piece meets the highest standards of quality, durability, and design.

PREMIUM MATERIALS, SUPERIOR PERFORMANCE

Our panels are built on a robust EIFS (Exterior Insulation and Finish System) foundation, carefully designed to balance strength with elegance:

Core Structure: Molded expanded polystyrene (EPS) foam, providing lightweight durability and natural insulation.

Protective Coating: Fast-curing urethane coating that ensures resilience against daily wear, impacts, and environmental stressors.

Textured Finish: A 100% aggregated acrylic surface, delivering timeless stucco beauty with minimal maintenance.

This advanced composition creates a fence that not only enhances the charm of your property but also preserves its strength and elegance for ages. Nationwide Reach, Local Expertise 3D Sign Factory's unique benefit lies in our dedicated presence in all 50 states. In every state, a qualified 3D Sign Factory representative is available to guide you through each step of your Foam Signing project.

YOUR LOCAL EXPERT CAN ASSIST WITH:

Consultation & Planning: Helping you choose the right design, finish, and height to match your home's style and privacy needs.

Site Evaluation: Offering guidance on terrain conditions, placement options, and installation requirements.

Installation Support: Ensuring panels are set correctly for maximum stability, safety, and aesthetic harmony.

Ongoing Care & Maintenance Advice: Providing tips to preserve beauty and performance with minimal upkeep.

Direct Point of Contact: Offering personalized service, faster response times, and tailored solutions specific to your region's climate and conditions.

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Why It Matters: Local Expertise in Every State

Immediate access to an experienced representative who understands your region.

Faster project planning and delivery, without delays.

On-site insights for smooth installation and lasting performance.

Personalized guidance, ensuring your Foam Sign matches your lifestyle and property.

The assurance of nationwide resources, combined with the comfort of local care

With local support in every state, you receive the benefits of a nationwide company paired with the comfort of local expertise—ensuring your project runs smoothly, efficiently, and with a high-touch service

AESTHETIC AND PRACTICAL BENEFITS

Elegant Design: The fusion of stucco and stone textures creates a refined, versatile look that complements both modern and traditional architecture.

Durability: Resistant to cracking, peeling, warping, rusting, and rotting—designed to endure.

Weather Resistance: Withstands wind, moisture, and UV exposure, maintaining beauty across seasons.

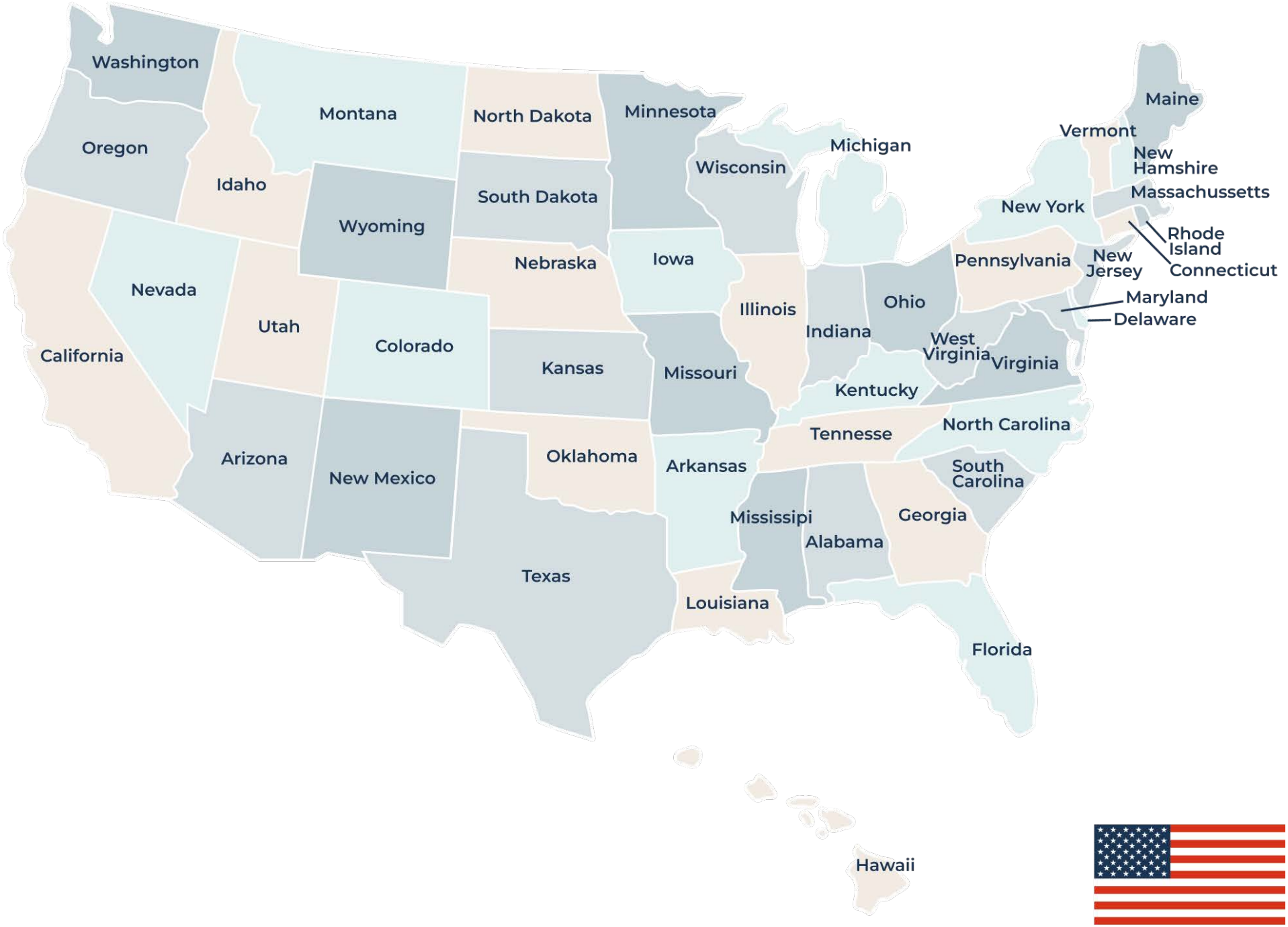
Noise Reduction: Panels act as an effective sound barrier, creating a calmer, more private environment.

Installation Flexibility: Adapts seamlessly to ground contours, even in challenging terrains or tight property lines.

COMMITMENT TO QUALITY

Choosing 3D Sign Factory means inclining towards a Foam Sign that embodies both aesthetic refinement and functional strength. With nationwide manufacturing, local representatives in all 50 states, and a dedication to excellence, we ensure every client enjoys a composed, stable, and rewarding experience.

With 3D Sign Factory, your Foam Sign becomes more than a boundary—it becomes a statement of privacy, protection, and eternal exquisiteness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Phone: 904-345-5400
Fax: 904-345-5401
Email: info@3dsignfactory.com