

Craig Berger Chair, Communication Design Pathways, FIT

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Why are fabricators so deceitful?

A designer I worked on a project with recently?

You have to be out of your mind to go into this business

A very close fabricator friend of mine?

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Hard Facts for Fabricators



- Bidding is even more cutthroat as bids are easier to find.
- More designers than ever are getting involved in sign and wayfinding design but they know less.
- Fabricators are being held to tighter cost constraints.
- Fabricators are being asked to do more things that designers used to do from design guidelines to message schedules.

But with difficulty there is opportunity!



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Hard Facts for Designers



- It is harder to maintain a long term relationship with a fabricator.
- Clients are questioning the benefits of designers taking on a wholistic role in the process and the fee that involves.
- The experiential design process has become more widespread
- Designers are being asked to take responsibility for more things outside their control.

But with difficulty there is opportunity!



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Three Types of Designer Intent For Fabricators

Brand Identity

FROM 2019

Branding Agencies Graphic Design/Brand Firms Internal Design Management and Facilities Teams

Attributes

- Strong knowledge of brand, type, Graphics
- Palette builders and maintainers
- Relatively weak in scale/architectural drawings
- Relatively weak in materials/illumination

Types of Fabricators

- Strong internal project management team
- Good educators in material/lighting technology
- Project management of large complex projects
- Strong knowledge of guidelines
- Visualization ability
- Powerful specification team

Strategies

- Focus on color matching and mockup
 Development
- Specification writing is key. Tight material and connection specification
- Communicating through guidelines packages and database development

Architectural/Placemaking

Architects Interior Designers Landscape Architects

Attributes

- Weak understanding of graphic design trends
- Weak knowledge of legibility and hierarchy
- Material and lighting specification oriented
- Strong in materials/illumination
- Strong in dimensional design
- Tight documentation/specification

Types of Fabricators

- Strong internal graphic design team with Professional(Environmental) ability
- · Leadership in legibility and code development
- Strict documenters and specification writers
- Powerful dimensional visualization ability within the architectural framework

Strategies

- Architectural dimensional visualization and the language of architectural drawing
- Must take lead on color, type and illumination
- Provide specification guidance and best practices on materials as a support to larger Documentation package
- Ability to collaborate and coordinate closely with the general contractor

*Note: These are broad generalizations and do not account for design firms that integrate these disciplines together.



Object Design

Environmental Graphic Design Firms Brand Environment/Fixture Designers Exhibition Designers

Attributes

- Design control
- Tight design intent
- Interested in learning new methodologies/methods
- Design Intent document as the foundation
- Reliant on strong mockups and samples

Types of Fabricators

- Designer emphasis as the key to the work you do
- Strong construction documentation specialists
- Dedicated ongoing relationships
- Stable of 3-5 frequent collaborators
- Fast prototyping capability

Strategies

- Have one or two key design collaborators as a model for working with others Integrate mockup and sample testing in the process.
- Tight shop drawings as an extension and explanation of design intent
- Clear checklists of questions and information for each stage in the process



It is not a silo. It is a continuum

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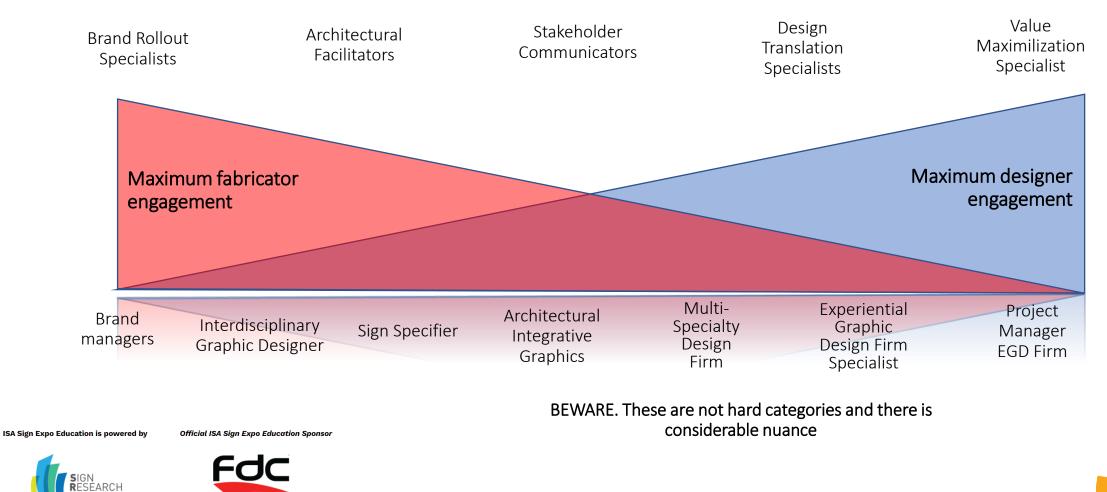






Build Your Strategy Around the Designer Relationship









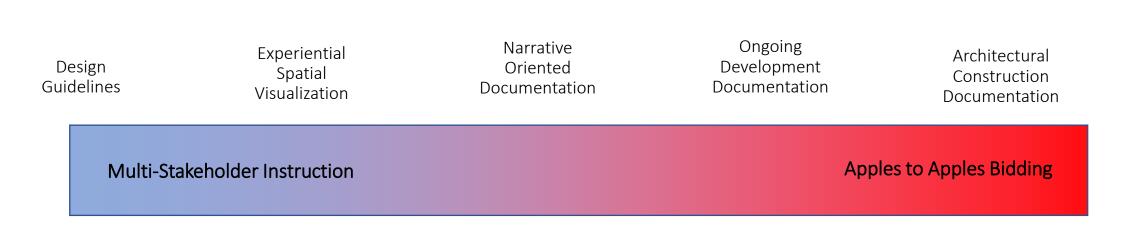








Documentation Speaks Volumes



BEWARE. These are not hard categories and there is considerable nuance



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SIGN TYPE 1: GATEWAY - REFERENCE

FREESTANDING



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WESGROUP RIVER DISTRICT		CLIENT SIGN OFF		SCALE NOTED ABOVE
PROJECT NUMBER	RIVER DISTRICT	AEVISION 3	DRAWN / CHECKED	VA 6 OF 21

Block S Standard

Our standard Block S is solid and does not contain an outline. This version should be applied in most contexts, ideally in Syracuse University Orange. The standard Block S is the only version approved for use in our logo lockups. For approved variations when used as a supergraphic, see page 26.

Amplified

In environments where high contrast is required (e.g., basketball court, broadcast television) or where our school spirit and pride are heightened (e.g., athletics, athletic apparel), the amplified Block S may be used. While the amplified Block S can be applied in the context of athletics, it should not appear in a lockup for Syracuse University overall or its schools and colleges.

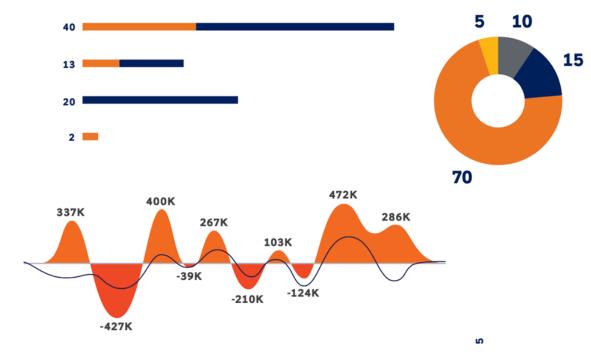


Data Visualization

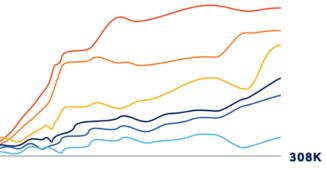
Syracuse University creates and connects a powerful community of game changers that move ideas, individuals and society forward.

Establishing a cohesive style to visualize data helps us clarify and amplify our distinct story of impact.

The following examples demonstrate how to apply our primary and secondary colors to highlight numbers and data in clean, clear and compelling ways.









Inspiration Environmental





Height Width Posts	7' 4" 3' 4"	Height Width Posts	7'4" 4'5" 4"	Height Width Posts	8' 8" 4' 5" 4"	Height Width Base	6'7" 4'10" 4'6"	Height Width Base	6'7" 3' 2'8"	Height Width Base	6' 7" 8' 11" 8' 7"	Height Width Base	9'6" 3' 2'8"



Post

5"

4"

Posts

6"

Post

6"

Post

11

2'8"

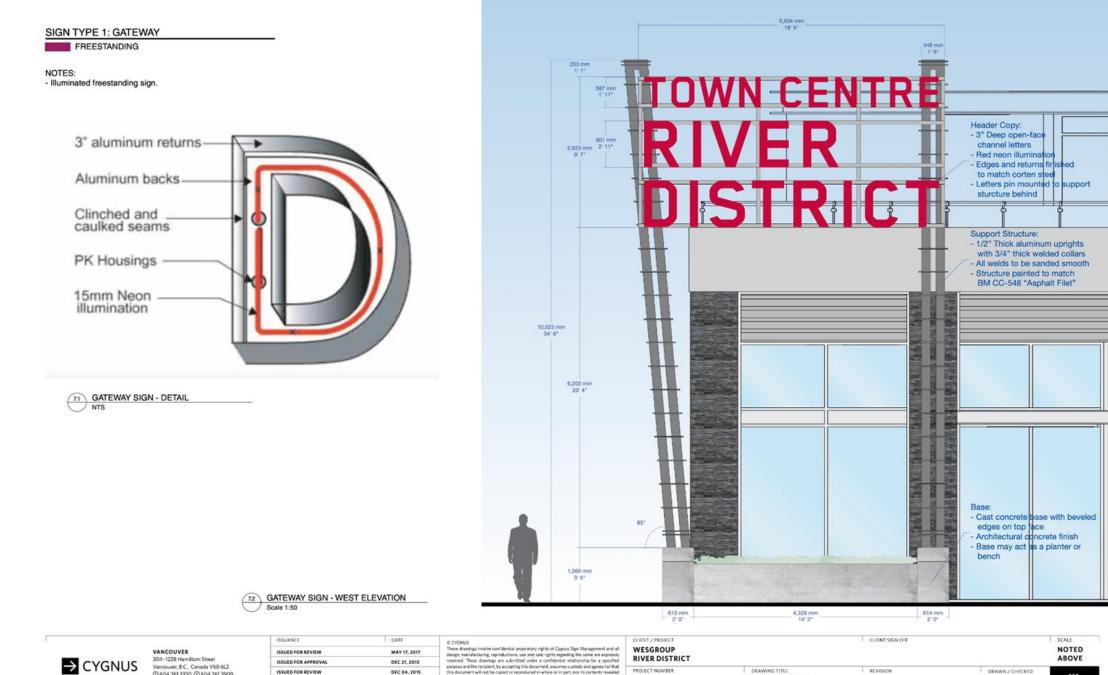
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Base







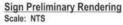
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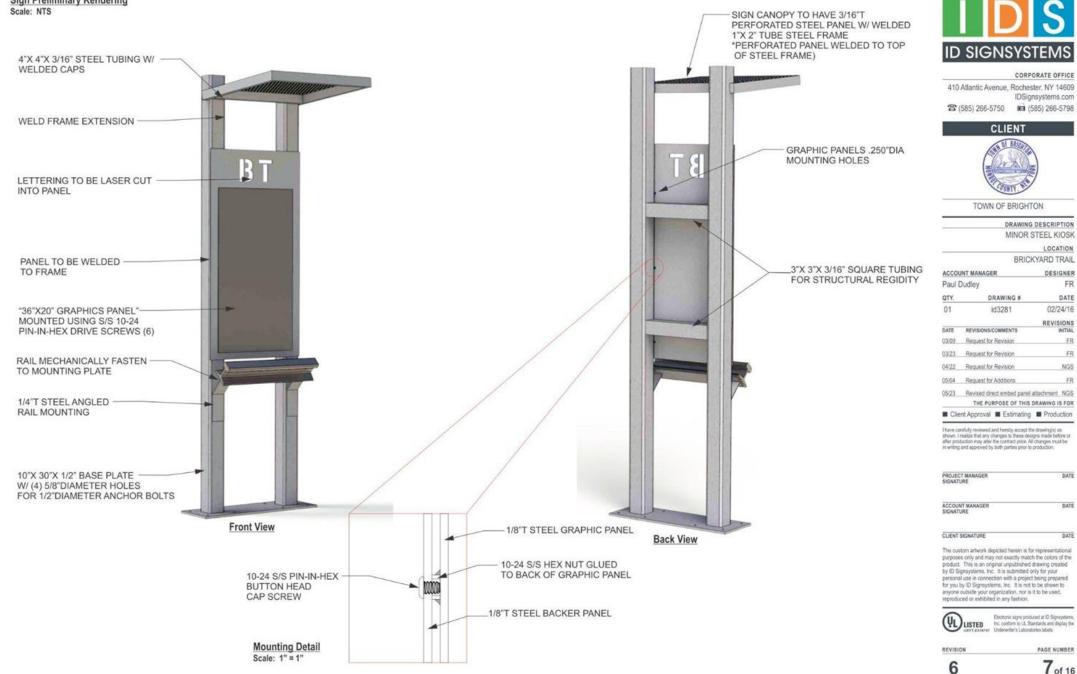
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RIVER DISTRICT

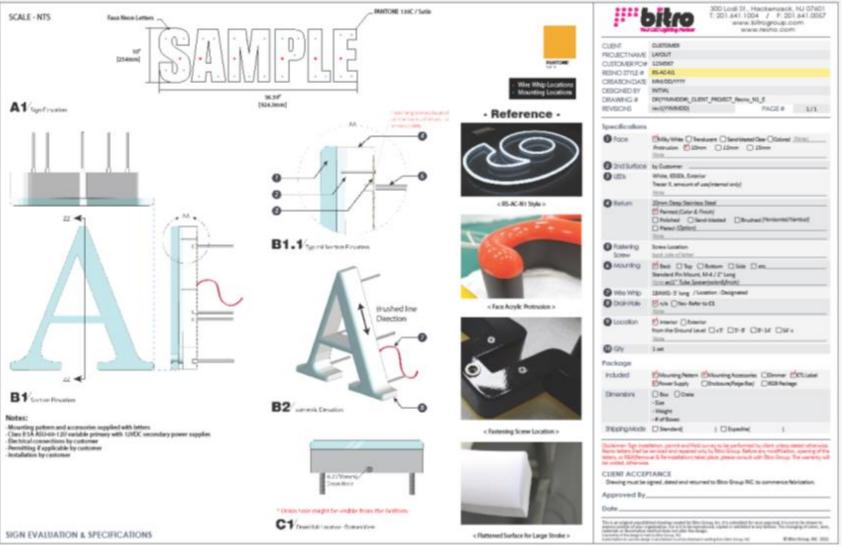
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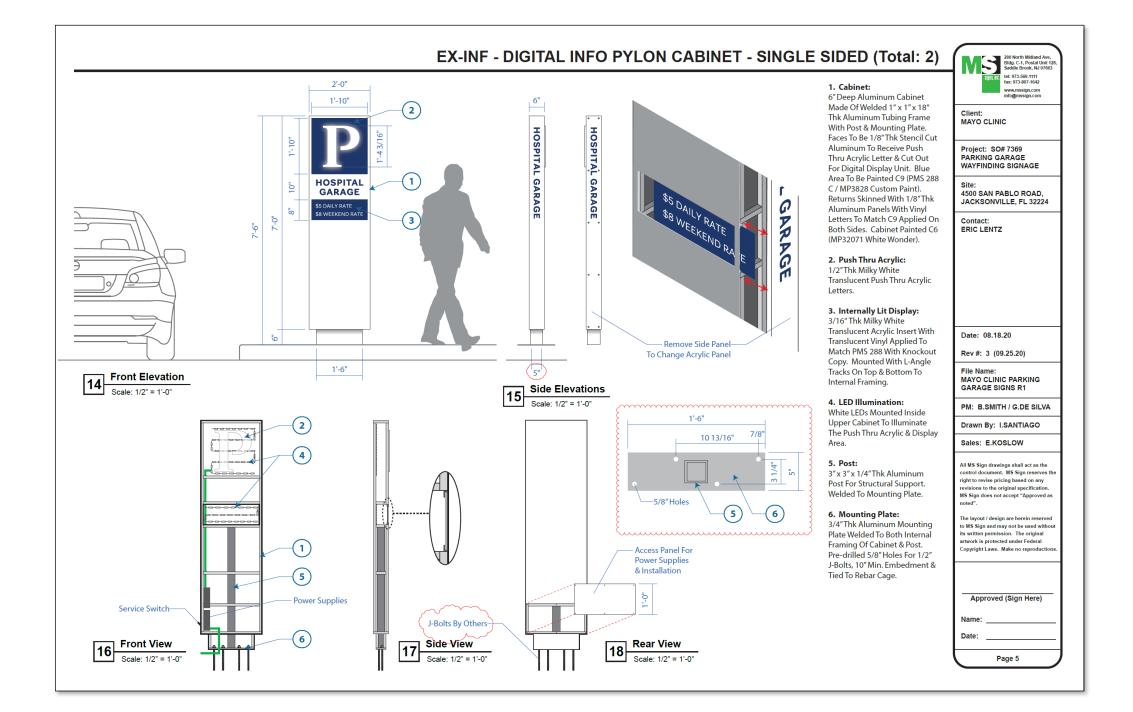


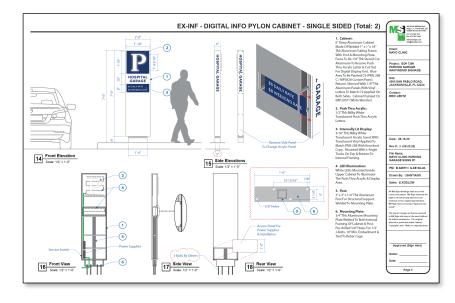
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Colors



Match Mayo Blue During the day, Match White when Backlit at night. 3M Dual-Color Film

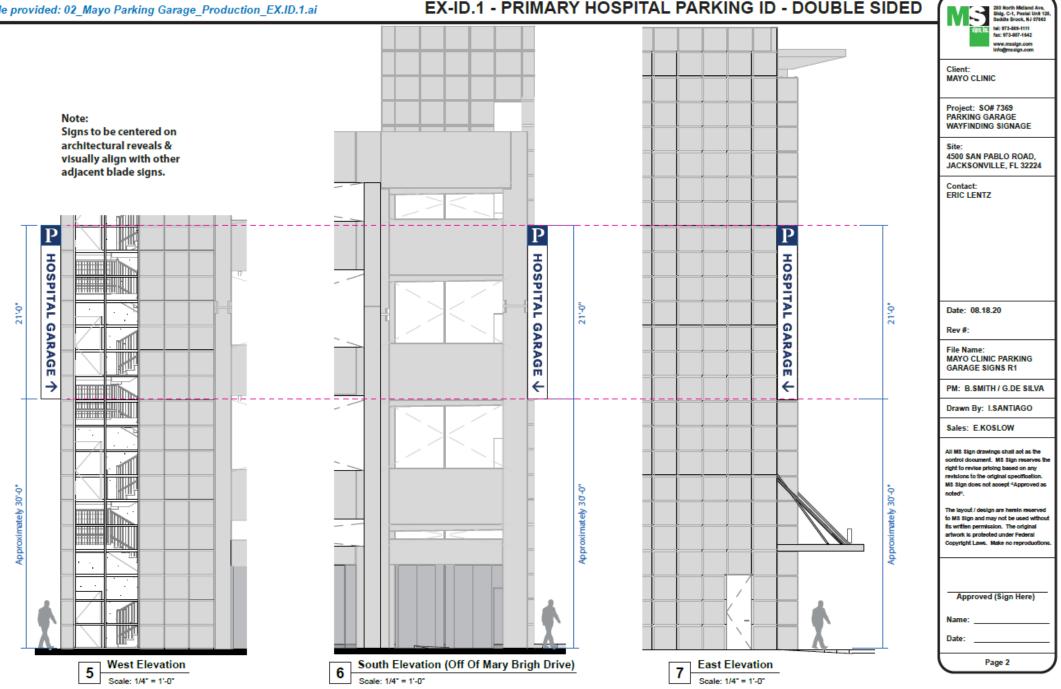
> M4 High-Density Thermoplastic Polyethylene (HDPE)

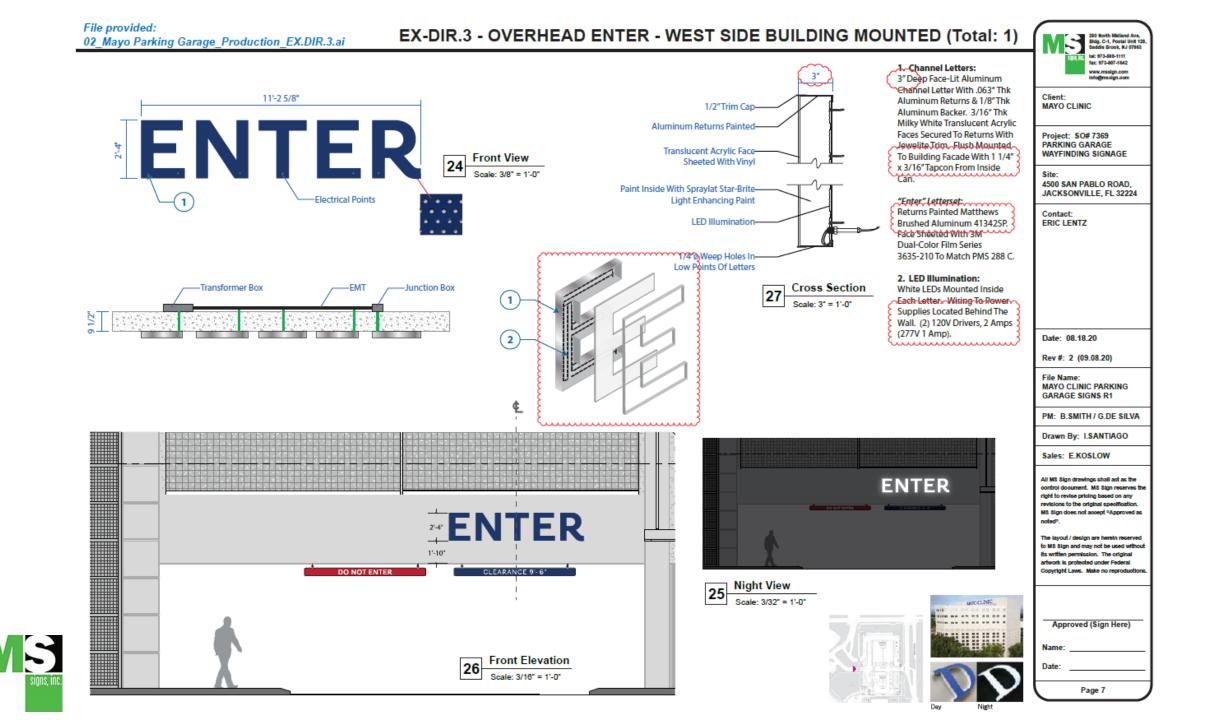
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Series 3635-200

Aluminum

EX-ID.1 - PRIMARY HOSPITAL PARKING ID - DOUBLE SIDED





The RFP/Proposals and Case Studies as Collaborative Vehicles for Outreach



- Communication device for designers and fabricators to articulate process.
- Statement of philosophy and approach.
- Utilize Specifications as a tool to enforce engagement.
- It pays to write articles and other communication about your process.



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The Importance of Explaining the Value Process



20%	30%	50%	60%	70%
Design Build	Concept Visualization Prototype	Design Intent Prototype	Negotiated Bid	Public Bid
Planning Fo	ocused		Imple	mentation Focused

BEWARE. These are not hard categories and there is considerable nuance

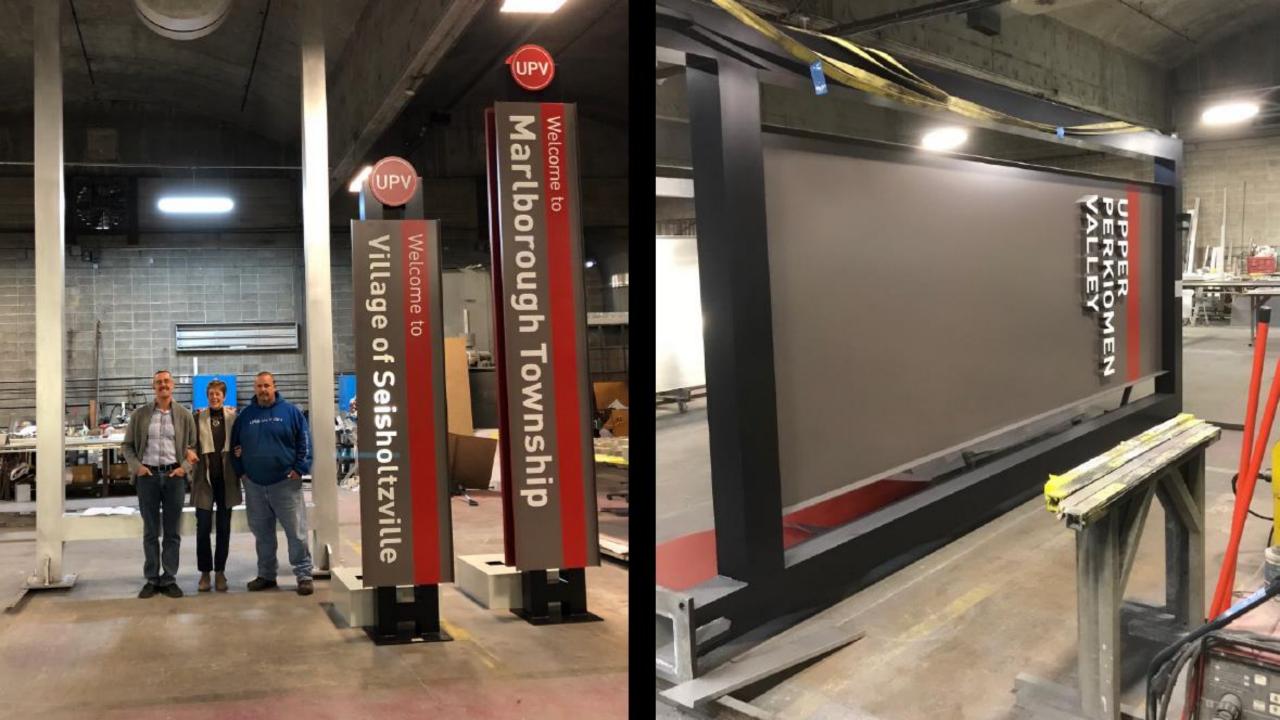


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CASE STUDY

THE EMPIRE STATE TRAIL LANDMARK SIGNAGE

PARTNERSHIP IN DEVELOPMENT OF TRAIL KIOSKS OVER 750 MILES

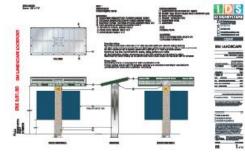
Starr Whitehouse, working with C&G Partners, created a "kit of parts" for access points on the trail running from Buffalo to Albany and down the Hudson River to the Southern tip of Manhattan. The interpretive kiosks are the best of what park signs should be: durable, solar-powered landmarks integrated with the infrastructure and surrounding landscape.





DESIGN PHASE

IDS developed final documentation and production process, based on the design intent documents provided in the guidelines, that would allow for quick development of each sign.



2 ENGINEERING PHASE

IDS value-engineered all aspects of the signs to balance value with durability. With final approval of materials and connections, the signs were ready for large-scale implementation.



3 MANUFACTURING PHASE

All elements were manufactured in-house to match the approved documentation. Tight production communication allowed dozens of signs to be constructed consistently.



4 INSTALLATION PHASE

With a clear rollout methodology in place, IDS was able to efficiently build and install each landmark sign while maintaining consistency and satisfying the designer's intent. We were particularly careful to install the sign elements in coordination with the construction of landscape features.

William Galligan

William Galligan

Simplifying the experience in experience design

Wayfinder Collaborative Providence, RI Read more | Email this page



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Placemaking in a Corporate Lobby: Olympus Sculptural Installation

Read Time: 4 minutes

SEGD member Bill Galligan of Wayfinder Collaborative recently led a team of designers, fabricators, and contractors to create a sculptural installation inside the new North American headquarters of the Olympus Corporation. Read on to learn how this complex project successfully came together through the skillful coordination of schedules and work tasks.



Agoustari



Jenny Huang Michael Dean Yann Follain submit bio

Firms

>

- Profitability Through Project Management
- Cloud Based Message and Location Schedules
- True valuing of project management in the process
- A proper accounting for collaboration reviews of locations and schedules



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Incorporating Value into Design/Fabricator Project Management



Final Construction Document Review

> Fabricator Complete Responsibility

Designer Check Set Fluid Communication Documentation

Designer as Project Lead

BEWARE. These are not hard categories and there is considerable nuance

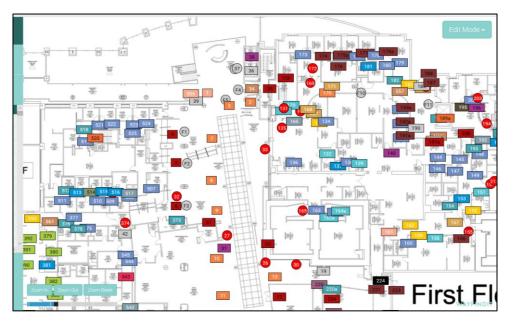


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Final Summary

- Be a student of the variations designer/fabricator engagement models
- When in doubt back out
- Know how to charge correctly for value and what is most valuable
- Have a core team of manufacturers and fabricators
- Building and engaging with a community is central to success (SEGD, ISA)
- Create a clear visual picture and deliverables for the path you are taking
- RFP's and Proposals as an educational tool for designers and fabricators to create a collaborative approach
- Use specification to enforce collaboration



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