

WAYFINDING
DESIGN DOCUMENTS
&
MASTER PLAN

CAPE GIRARDEAU

Where the river turns a thousand tales

MISSOURI

Wayfinding System – Sign Details

Specifications Page
City of Cape Girardeau, MO

Specifications

Quality Assurance

- A. Coordinate final sign locations with the Designer/Client.
- B. Provide a five-year warranty on the sign construction, structures, and finishes.

Project Conditions

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication to ensure proper fitting. Verify location of all sign locations. Show recorded measurements to final shop drawings.
- B. Fabricator shall be responsible for verification of any adjacent utility conflicts.
- C. Confirm soils are compatible with foundation engineering.

Performance Requirements

- A. All signage shall be of top quality workmanship and materials, and be free of defects. Defects are defined to include delamination, abnormal deterioration, fading and discoloration, weathering, failure of securing to substrates indicated, cracking, bubbles, corrosion or coating damage, or visible scratches on surfaces.
- B. Signage shall not bear manufacturer’s code or other identifying marks on any area of part that may be visible in the normal positioning, attitude, or use of the sign. Code may require sign permits to be posted on each sign.
- C. The drawings are diagrammatic and indicate the aesthetic of “design intent” only. Details shown are intended as a guide for the interfacing of adjacent surfaces.
- D. The contractor shall ensure that the design of all support substrates, foundations, footings and structures are adequate for the performance of all work required.
- E. The contractor shall be familiar with proper construction methods and installation of all items, have ten years of experience, and six projects similar in nature.
- F. The specification makes no attempt to consider all construction requirements that may apply. Fabricator shall confirm the computability and performance of all materials specified with manufacturer or requirements.
- G. The designer reserves the right to visit the plant where fabrication will occur. The contractor shall submit proof of similar projects to illustrate manufacturing capabilities.
- H. The sign designs, sign structures, wind-load calculations will be signed and sealed by a Missouri state licensed PE, which is the responsibility of the sign fabrication firm.
- I. Develop and submit to city general Maintenance of Traffic (MOT) plans for vehicular and pedestrian traffic in accordance with the current City requirements. Details for traffic control device must conform to the standard latest edition of the MUTCD, City standards and specifications. The contractor shall apply for all permits required by the City for the purposes of traffic control. The cost for all permits, MOT and coordination shall be part of bid. This includes, but is not limited to equipment, staff hours, police presence or any other devices required for traffic control.
- J. Installation: Contractor shall repair and/or replace all damaged surfaces with like materials. All new surfaces adjacent to and within five (5) feet of post, including the entire excavated area shall be returned to its original condition and quality, including, materials, finish and grading that was present prior to excavation.
- K. The contractor shall ensure that the materials utilized in construction are resistant to corrosion.
- L. Fabricator shall supply MoDOT Sign Removal Plan prior to permitting by MoDOT.

Signing and Graphic Submittals

- A. Prior to commencement of work, the contractor shall provide scaled drawings of all elements. Shop drawings shall show all suggested text styles, dimensions, details of construction, materials, technical data, and installation instructions for each type of sign required. The sign contractor is to provide wind load calculations and foundation designs and show anchorages and accessory items.
- B. Samples shall be fabricated with colors and finishes required.
- C. One mock-up of each sign type or major elements, shall be reviewed by client prior full fabrication as agreed upon by client. Mock-up shall be used as part of the contracted sign quantities.
- D. Mock up of all lighting shall be reviewed by client prior to full fabrication.
- 1. Submit proofs of artwork and symbols on actual painted aluminum for each color specified.
- 2. Submit prototype samples and color-match samples.
- 3. Submit complete layout of text and owner-supplied graphics for review prior to start of fabrication. If more than one supplier’s cut will be used, submit each cut for review.
- C. Submit fabrication schedule.
- D. Submit shop drawings.
- E. Submit signage schedule: The signage schedule is a consolidated reference that gives the location, sign type, copy, mounting, surface, and/or mounting, and information that is not conducive to exclusive categorization. The contractor shall submit scaled layout for each sign face for copy, format, and spacing approval.

Vandalism

- A. Graffiti
All exposed painted surfaces shall receive Dupont Imron 5000 Clear Anti-Graffiti Protection or equal.
- B. Stickers
Stickers are generally the biggest maintenance issue. Goof-Off works best for removal.
- C. Fasteners
All exposed fasteners utilize tamper resistant hardware that require special tools in order to disassemble.

Manufacturer Contact Information

Matthews Paint 8201 100th Street Pleasant Prairie, Wisconsin 53158 800-323-6593	Oracal Graphic Films 1100 Oracal Parkway Black Creek, GA 31308 912-851-5000
Phenolic Resin Panel Folia 110 Wellington St Huntingdon QC Canada, JOS 1H0 Phone: 888-264-6122 www.folia.ca	3M Graphics Marketing Center 3M Center Building 220-12E-04 St Paul, MN 55144 800-374-6772

Drawn By:

JMM ☒

SP ☐

ETW ☐

Contact:
Environmental Graphics/Wayfinding
AECOM - Glatting Jackson
407-843-6552
150 N Orange Avenue
Orlando, Florida 32801

Wayfinding System – Sign Details

Specifications Page
City of Cape Girardeau, MO

Specifications

MANAGEMENT AND MAINTENANCE

Management can be handled through the establishment of a governing body that oversees the funding, maintenance, and expansion of the sign program. A project manager should be assigned the responsibility of day to day management of the system. Maintenance should be the shared responsibility of the City and the program’s Stakeholders.

City should have a higher-level professional cleaning program in place. Panels in high sun or tougher areas should be coated with a film, (Tedlar, mylar) to protect against ultraviolet rays. Cleaning should be carefully done with Goof Off or Goo Gone for stickers, and a mild paint thinner for graffiti. Professionals or highly trained staff should complete panel cleaning.

Special Considerations

In-House Fabrication: Will likely be limited to graphics and lettering for changing messages, poles, foundations, and installation. Initial “attic stock” of parts should be included in the base bid of each phase of the project. Attic stock can include poles (painted), sign panels (painted/no lettering), brackets finished and painted and other parts.

Best Cleaning Practices

Maintenance Schedule: Signs should be cleaned at lest annually, twice a year is preferred.

Dirt and Grime: A mix of Simple Green and water

Removing Graffiti: Mild Enamel Thinner

Removing Stickers: Goof Off / Goo Gone

General Maintenance

SHORT TERM GENERAL MAINTENANCE (0 – 4 years)

Planning and Design: Minor corrections and adjustments help the system operate to efficiently. This may include additional signs, or adjustments based on new circulation patterns.

Physical Maintenance (Materials): Cleaning once a year and typical wear and tear repairs - new panels, tightening of fasteners, replacement parts due to vandalism or auto damage.

Physical Maintenance (Locations): Relocation of problem sign locations.

LONG TERM GENERAL MAINTENANCE

(5 – 9 years)

Planning and Design: Additions and Deletions of Destinations/Messages and overall routing review, based on physical changes to the City.

Physical Maintenance (Materials): Materials begin to fade, warranties expire and a more concentrated effort is required to maintain the system and its components. New panels, replacement parts, and sign replacement may be required.

Physical Maintenance (Locations): Relocation may be necessary based on new routing or circulation.

SYSTEM LIFE SPAN

(10 – 15+ years)

Planning and Design: Complete review of the system and its effectiveness based on new destinations that may have opened or attractions which have closed. In addition new circulation/routing and construction projects may effect the system. Design elements may be reviewed for consistency with City identity and marketing initiatives.

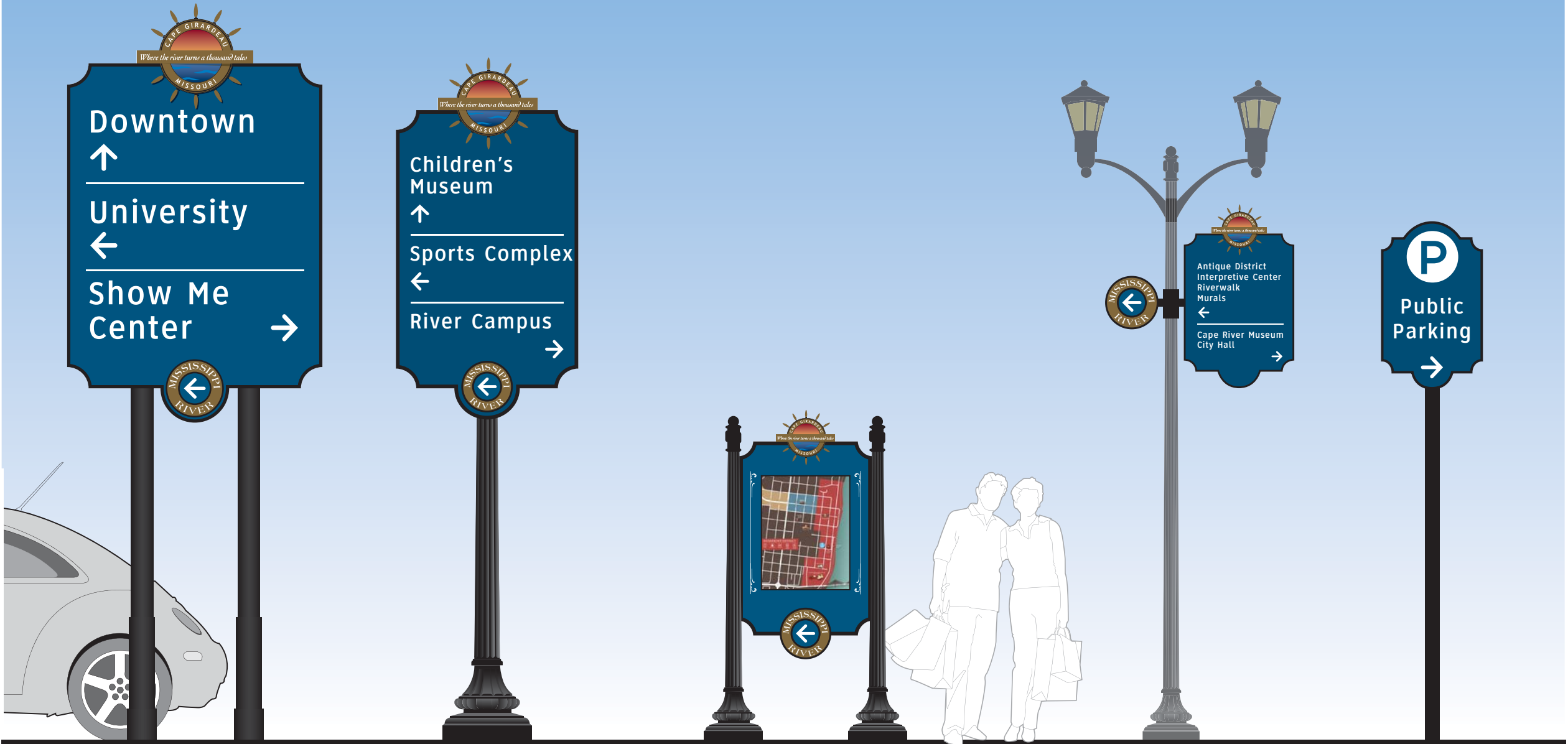
Physical Maintenance (Materials): Materials begin to reach their life span, full sign replacement may be necessary for some signs if they have not been maintained in the past.

Physical Maintenance (Locations): Relocation may be necessary based on new routing or circulation.

Wayfinding System –
Sign Details

Wayfinding Palette
City of Cape Girardeau, MO

Sign Palette



Large Vehicular Directional

Small Vehicular Directional

Pedestrian Kiosk Map

Pedestrian Directional

Parking ID

A

B

C

D

E

Drawn By:

JMM ☒

SP ☐

ETW ☐

Contact:
Environmental Graphics/Wayfinding
AECOM - Glatting Jackson
407-843-6552
150 N Orange Avenue
Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type A
City of Cape Girardeau
22097.0

Scale: NTS
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type A — MODOT Vehicular Directional Sign	TBD

Description:

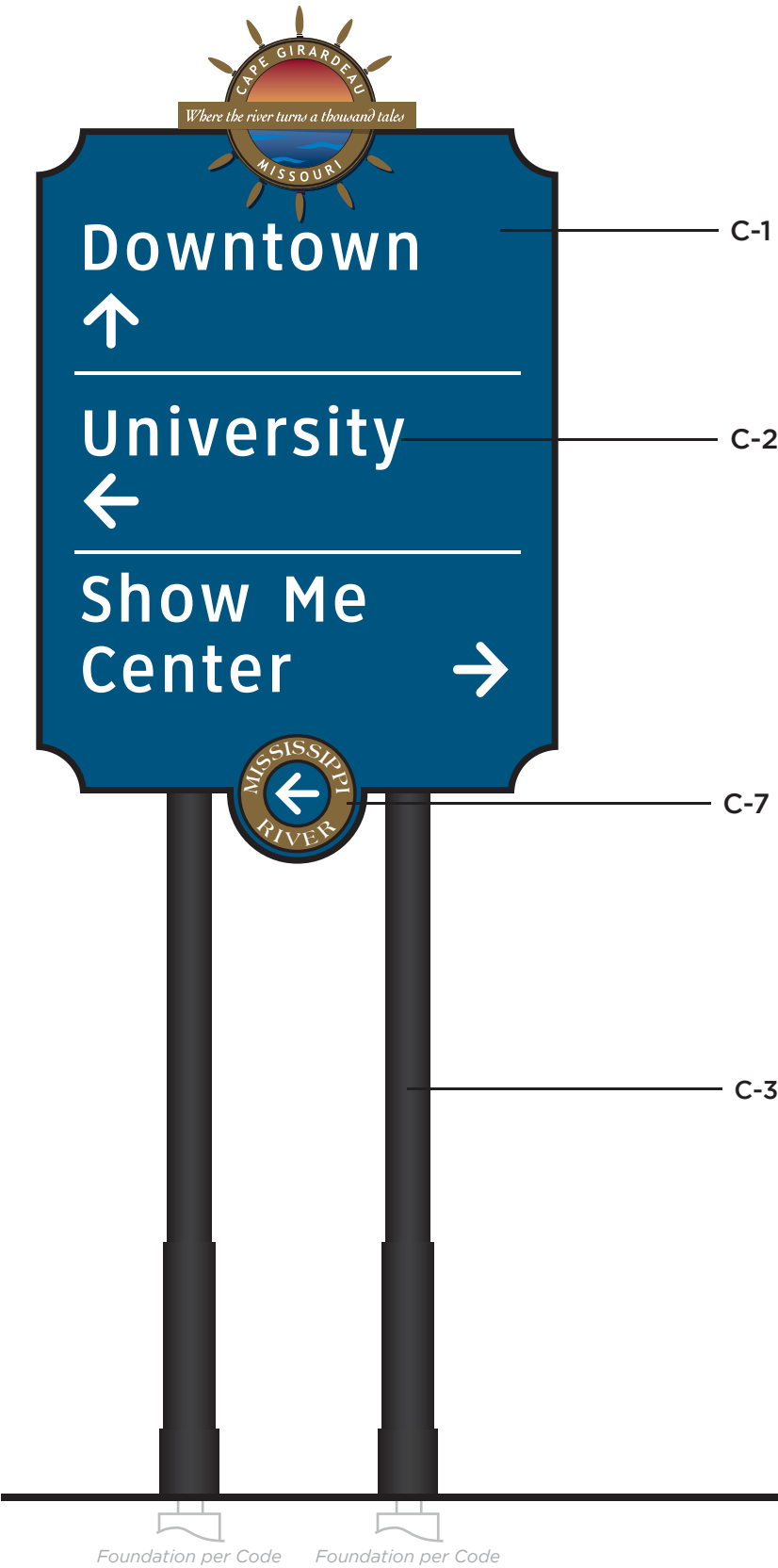
All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.

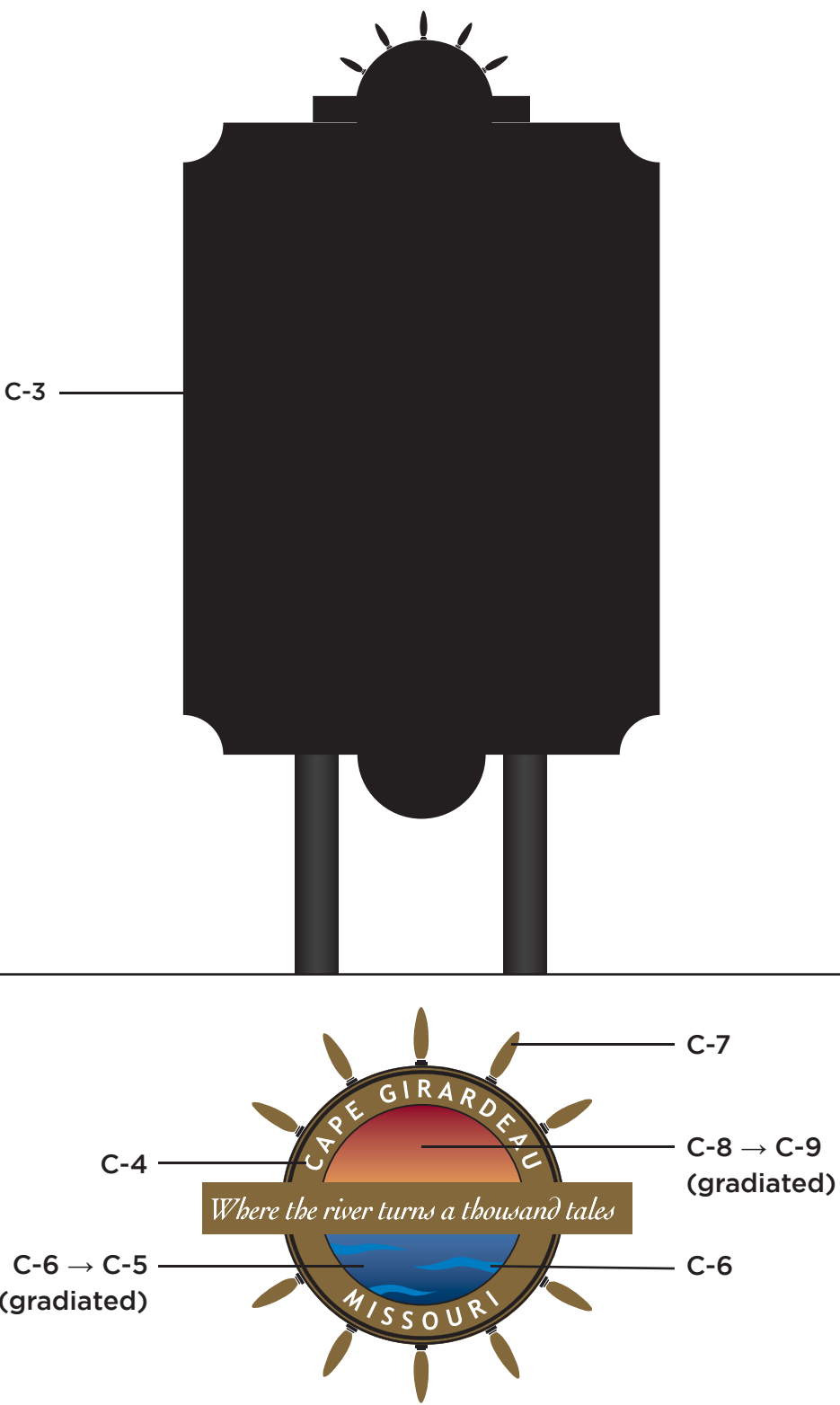
See Appendix 1 for MoDOT Sign Mounting Details 903.03BG for breakaway base assembly details.

Fabricator is responsible for determining and conforming to MoDOT Standards in regard to placement of escutcheon cover not covering breakaway.

FRONT



BACK



COLORS

- C-1 Vinyl Blue, Engineer Grade Reflective 3M Blue 3275, Oracal Oralite Blue 050,
- C-2 Vinyl White, Engineer Grade Reflective 3M White 3290,
- C-3 Black, MP59647 Pantone Process Black
- C-4 White, MP32071
- C-5 Logo Dark Blue, MP11584 Pantone 289
- C-6 Logo Medium Blue, MP07327 Pantone 285
- C-7 Logo Brown, MP00608 Pantone 463
- C-8 Logo Red, MP14402 Pantone 202
- C-9 Logo Yellow/Orange, MP14064 Pantone 116

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type A
City of Cape Girardeau
22097.0

Scale: NTS
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type A — MODOT Vehicular Directional Sign	TBD

Description:

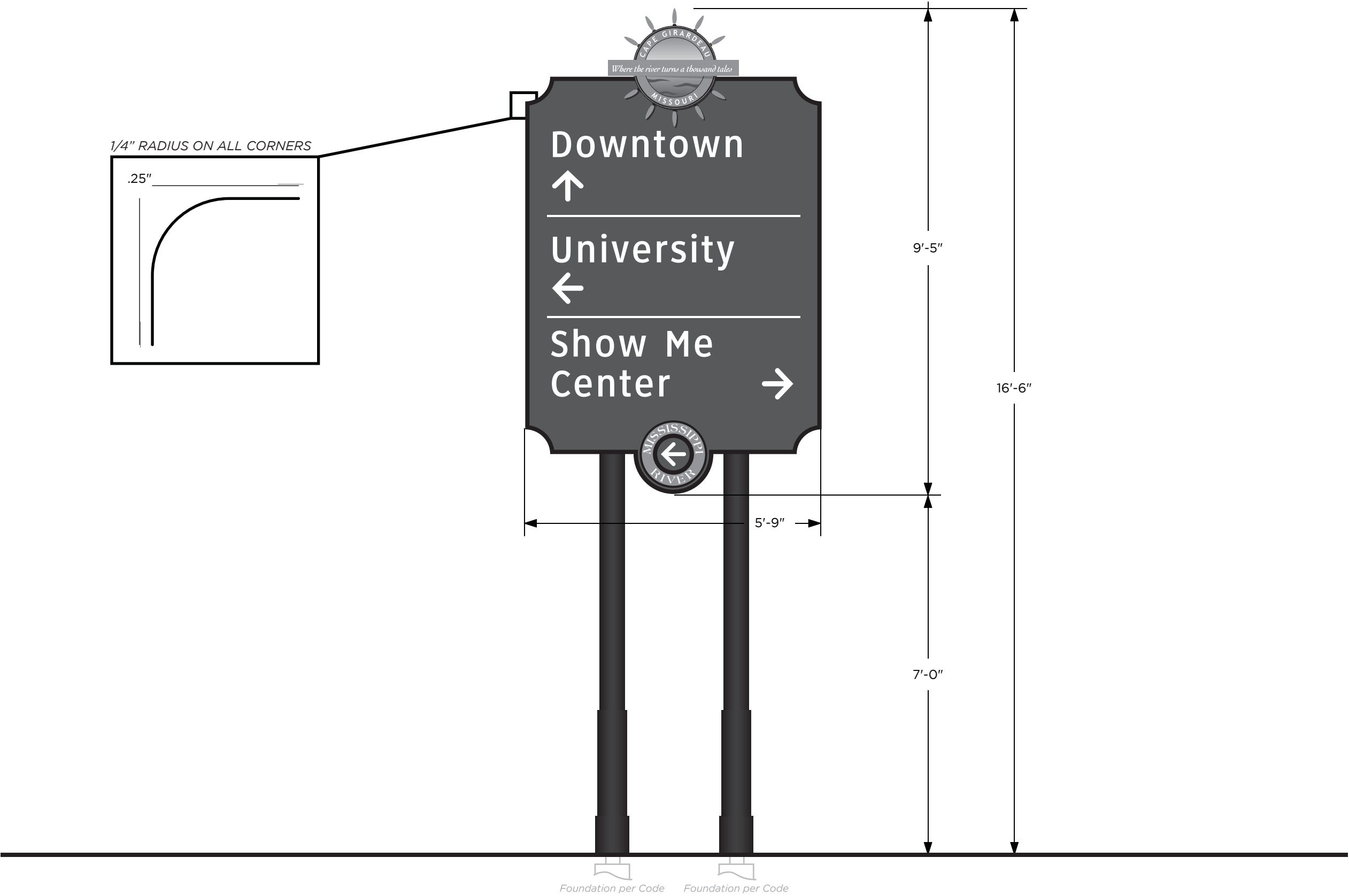
All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.

See Appendix 1 for MoDOT Sign Mounting Details 903.03BG for breakaway base assembly details.

Fabricator is responsible for determining and conforming to MoDOT Standards in regard to placement of escutcheon cover not covering breakaway.

DIMENSIONS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type A
City of Cape Girardeau
22097.0

Scale: NTS
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type A — MODOT Vehicular Directional Sign	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.

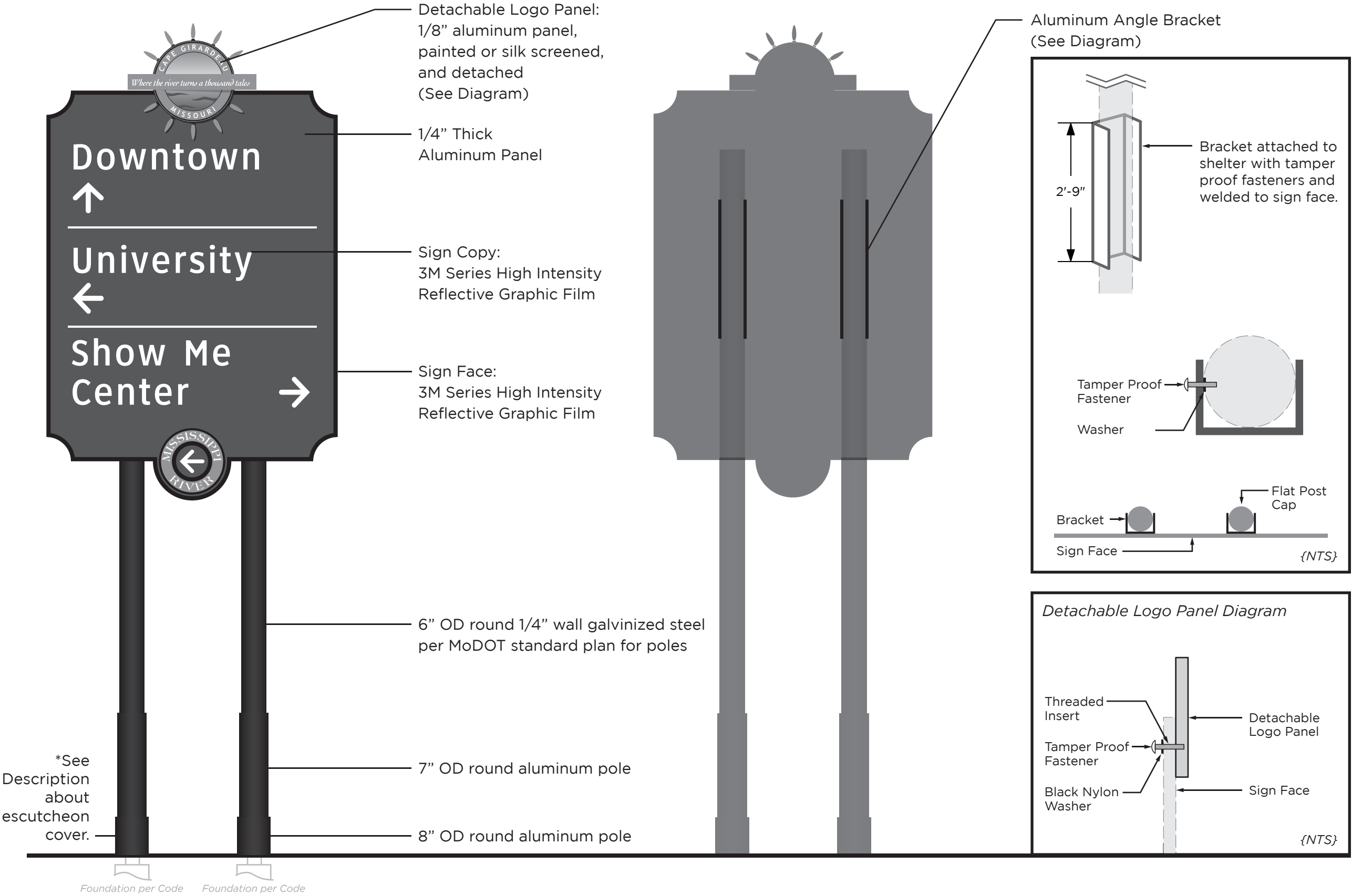
See Appendix 1 for MoDOT Sign Mounting Details 903.03BG for breakaway base assembly details.

Fabricator is responsible for determining and conforming to MoDOT Standards in regard to placement of escutcheon cover not covering breakaway.

FRONT

BACK

MATERIALS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type A
City of Cape Girardeau
22097.0

Scale: NTS
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type A — MODOT Vehicular Directional Sign	TBD

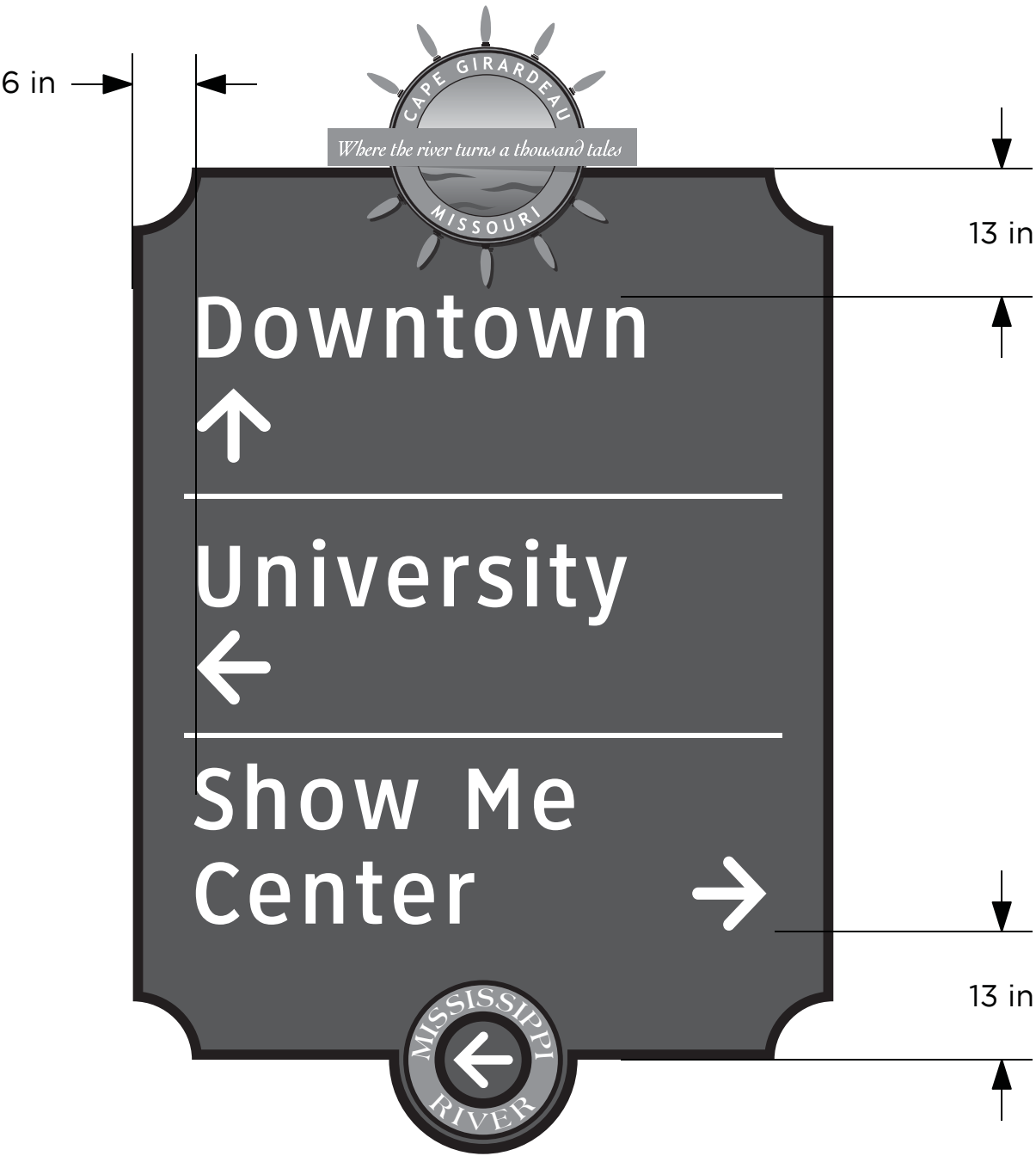
Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.

See Appendix 1 for MoDOT Sign Mounting Details 903.03BG for breakaway base assembly details.

Fabricator is responsible for determining and conforming to MoDOT Standards in regard to placement of escutcheon cover not covering breakaway.



FONT: Clearview Highway 5-W
LAYOUT: 6" Cap High Text

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type B
City of Cape Girardeau
22097.0

Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

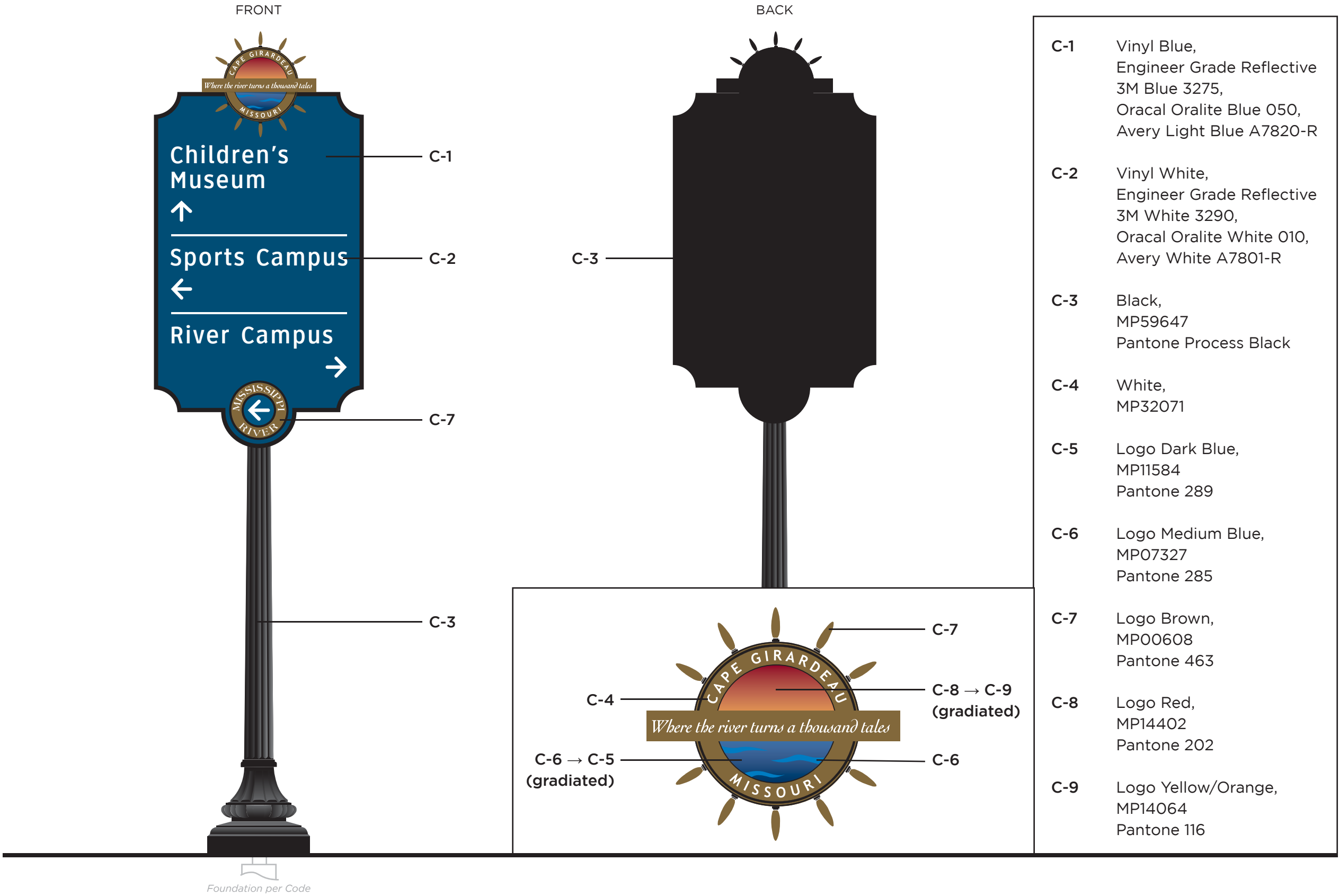
Sign Name:	Unit Cost:
Sign Type B — Vehicular Directional Sign	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.

COLORS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type B
City of Cape Girardeau
22097.0

Scale: 1" = 2'
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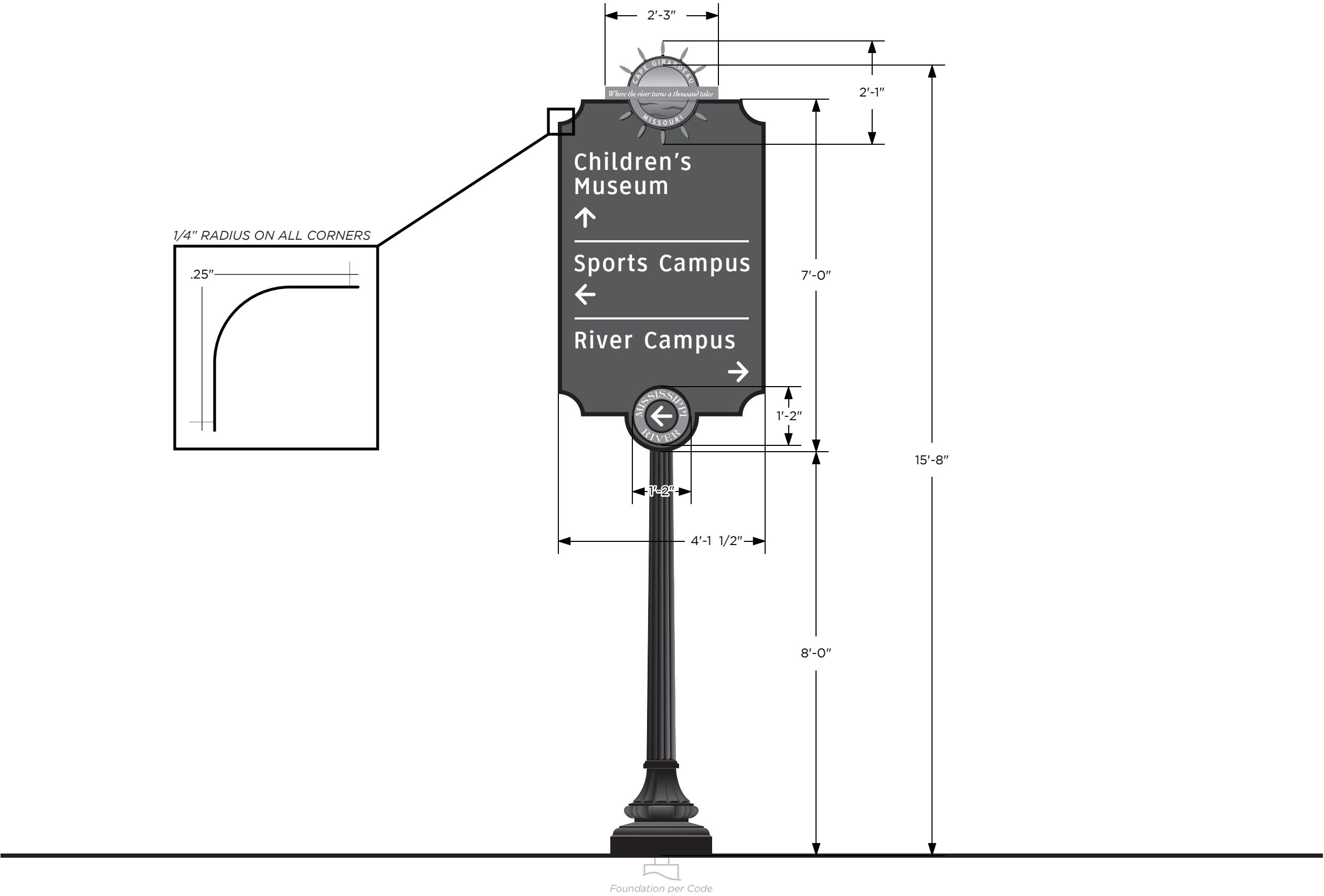
Sign Name:	Unit Cost:
Sign Type B — Vehicular Directional Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Back of sign is black.

DIMENSIONS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type B
City of Cape Girardeau
22097.0

Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

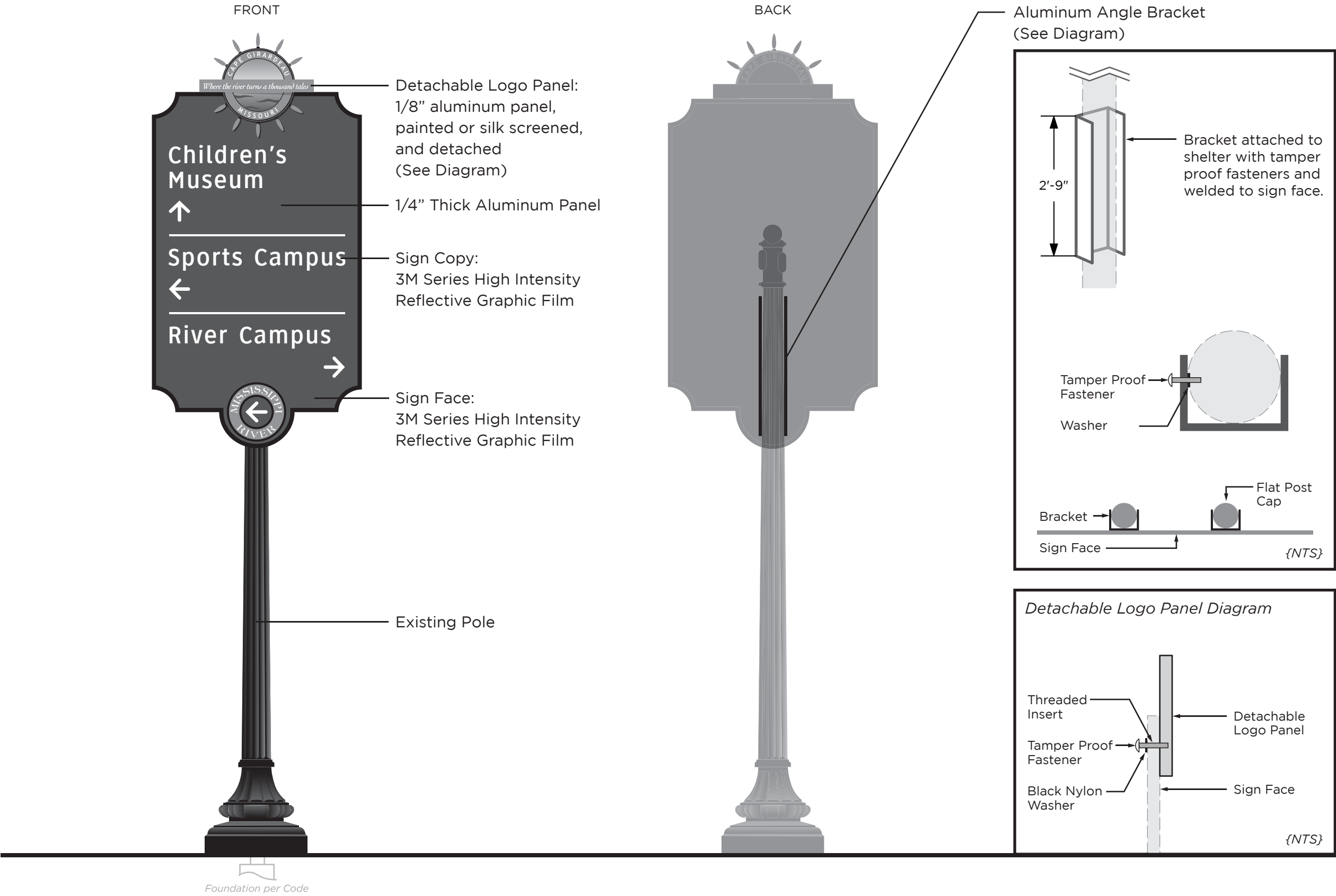
Sign Name:	Unit Cost:
Sign Type B — Vehicular Directional Sign	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.

MATERIAL



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type B
City of Cape Girardeau
22097.0

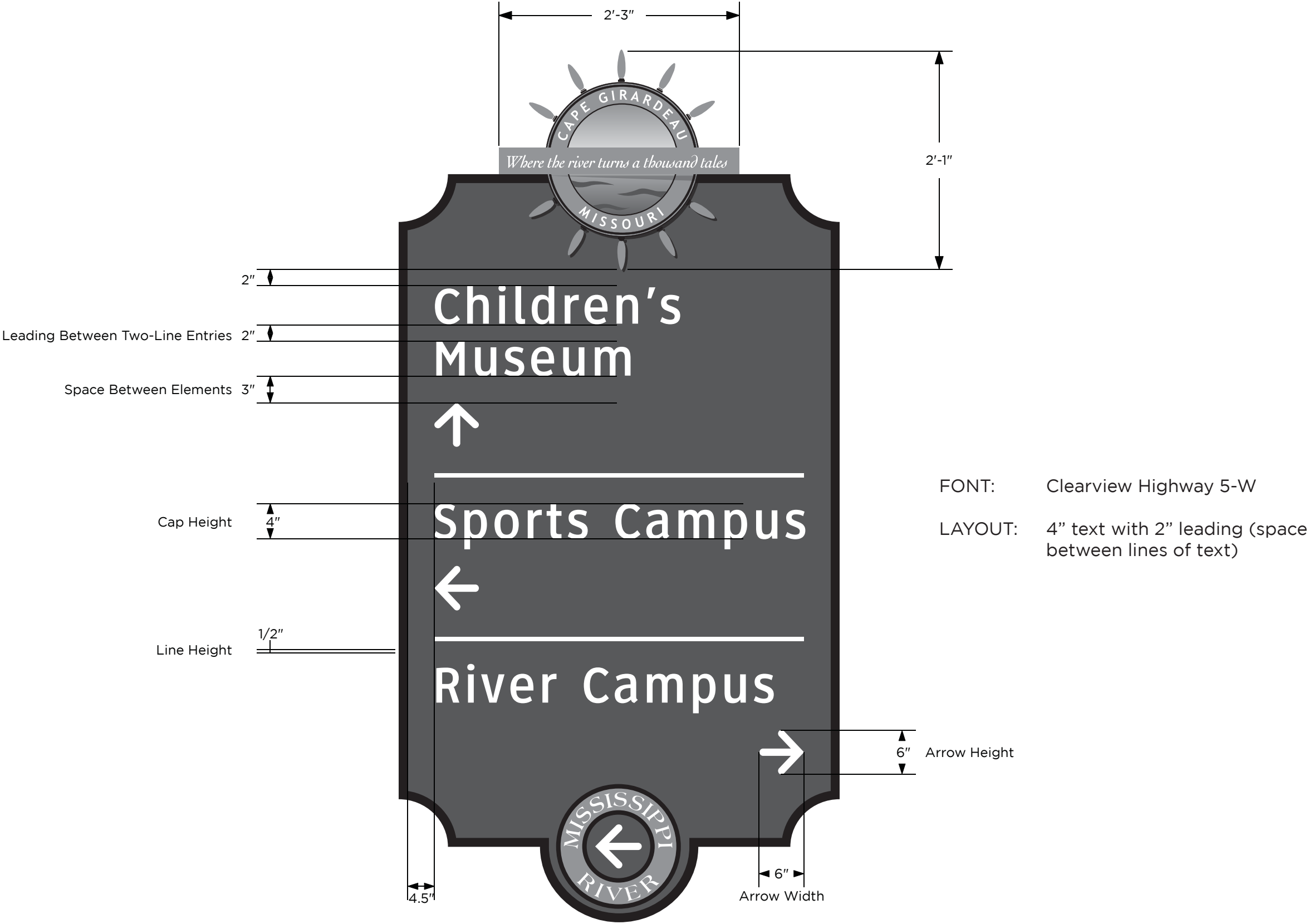
Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type B — Vehicular Directional Sign	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black.



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type C
City of Cape Girardeau
22097.0

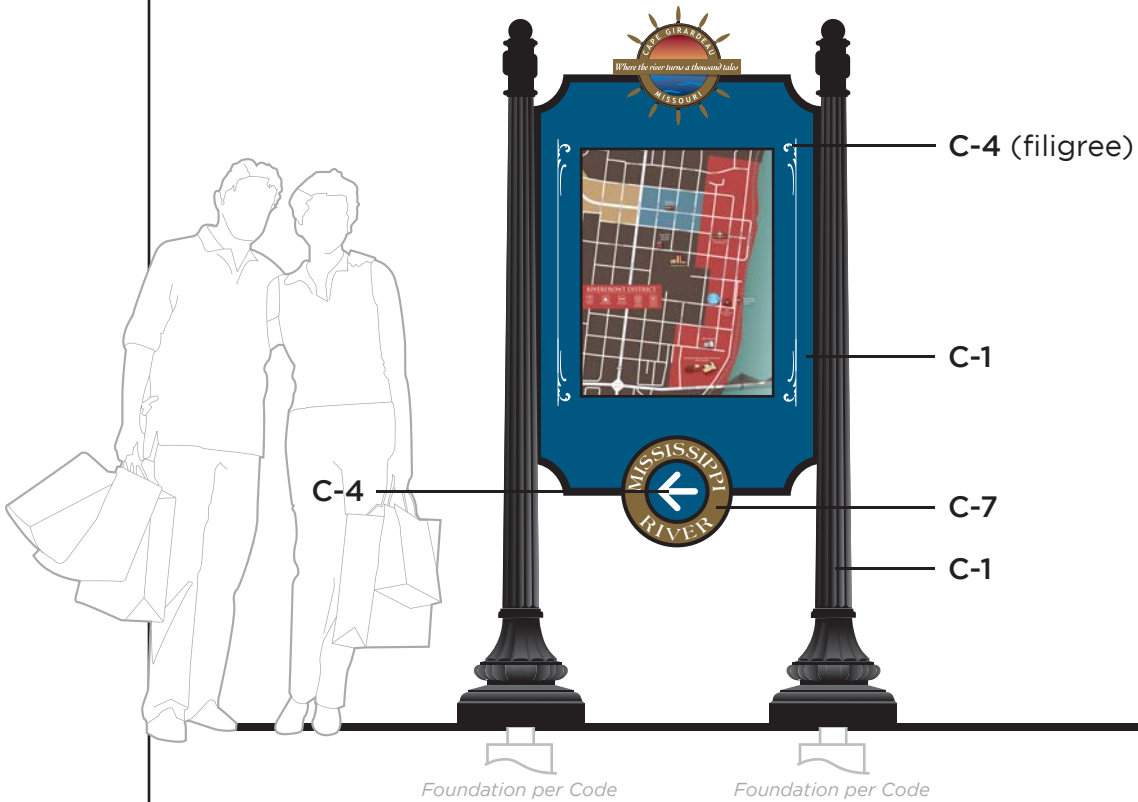
Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type C — Kiosk Map	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black with lockable aluminum/acrylic faced display cabinet. Size of cabinet to be determined at time of fabrication.



C-1	Vinyl Blue, Engineer Grade Reflective 3M Blue 3275, Oracal Oralite Blue 050, Avery Light Blue A7820-R
C-2	Vinyl White, Engineer Grade Reflective 3M White 3290, Oracal Oralite White 010, Avery White A7801-R
C-3	Black, MP59647 Pantone Process Black
C-4	White, MP32071
C-5	Logo Dark Blue, MP11584 Pantone 289
C-6	Logo Medium Blue, MP07327 Pantone 285
C-7	Logo Brown, MP00608 Pantone 463
C-8	Logo Red, MP14402 Pantone 202
C-9	Logo Yellow/Orange, MP14064 Pantone 116

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type C
City of Cape Girardeau
22097.0

Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

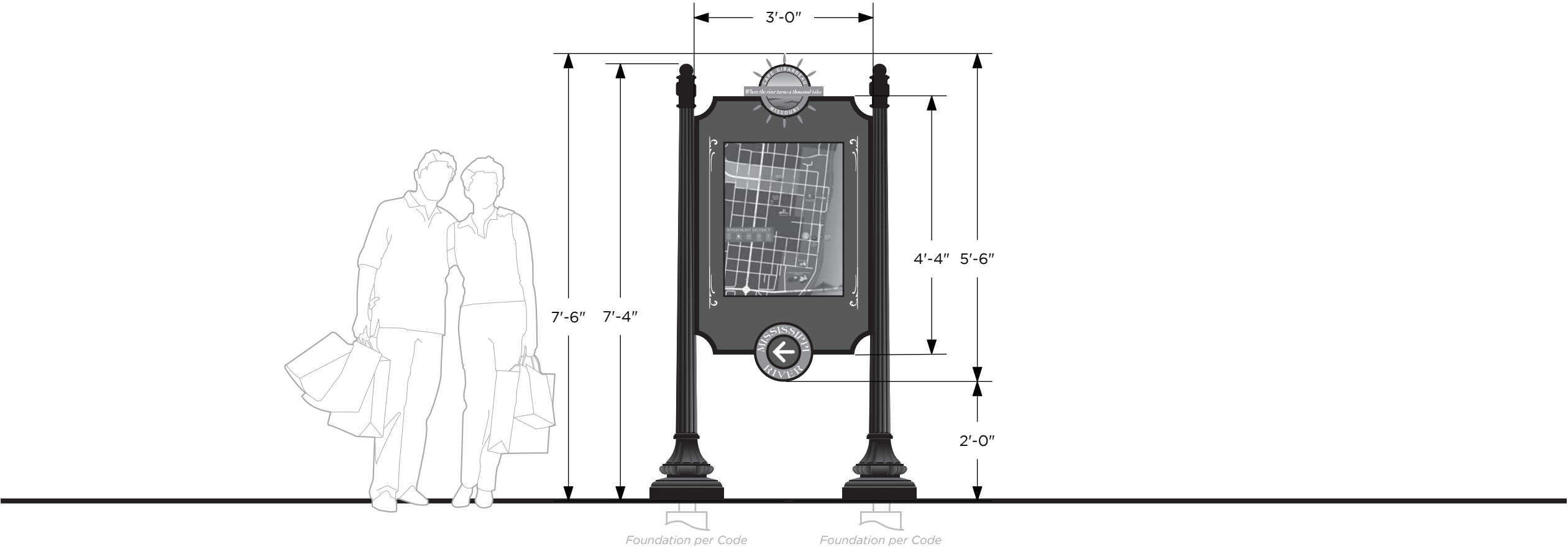
Sign Name:	Unit Cost:
Sign Type C — Kiosk Map	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black with lockable aluminum/acrylic faced display cabinet. Size of cabinet to be determined at time of fabrication.

DIMENSIONS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type C
City of Cape Girardeau
22097.0

Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

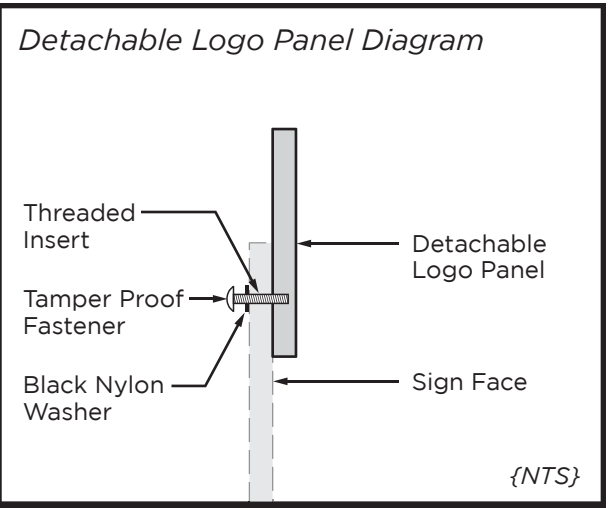
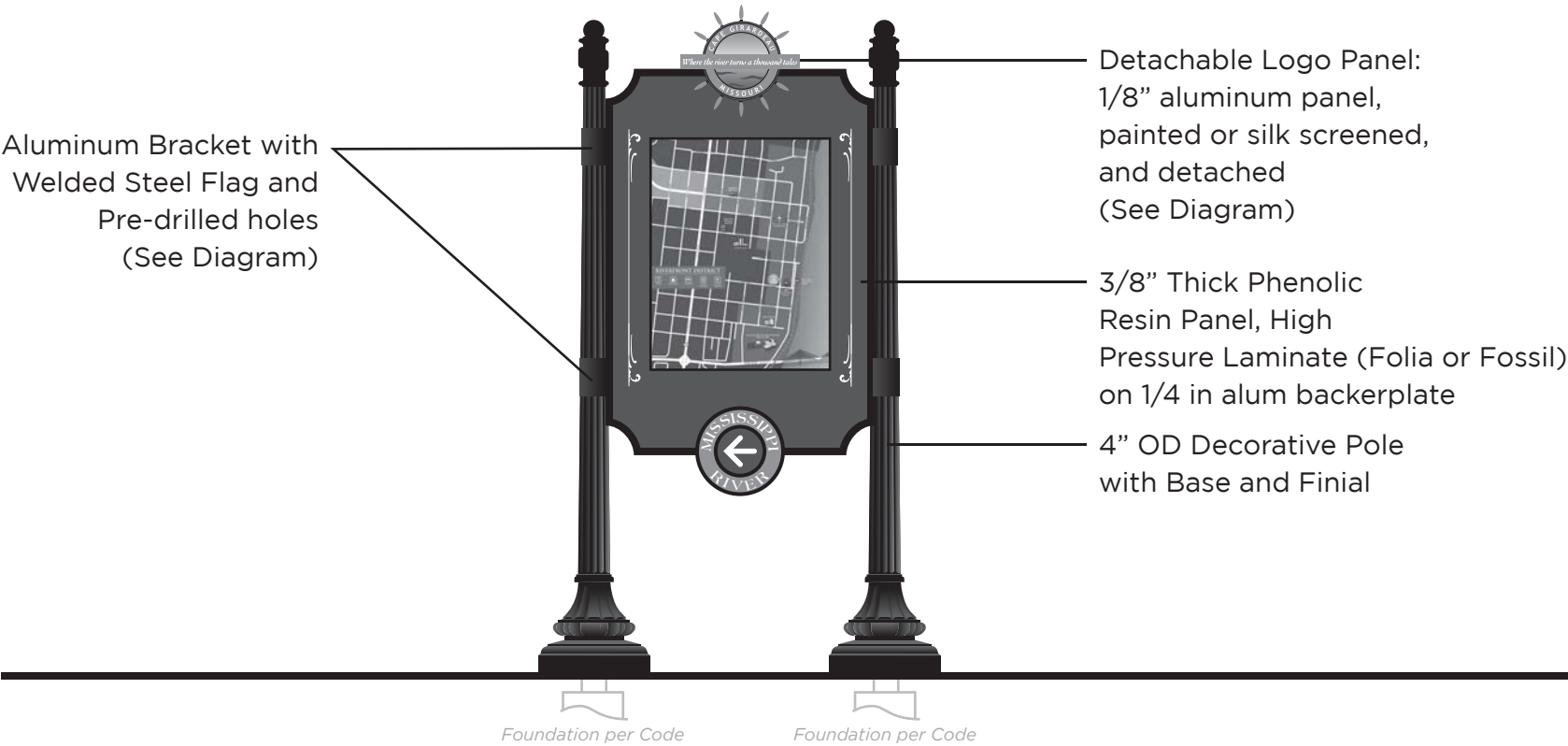
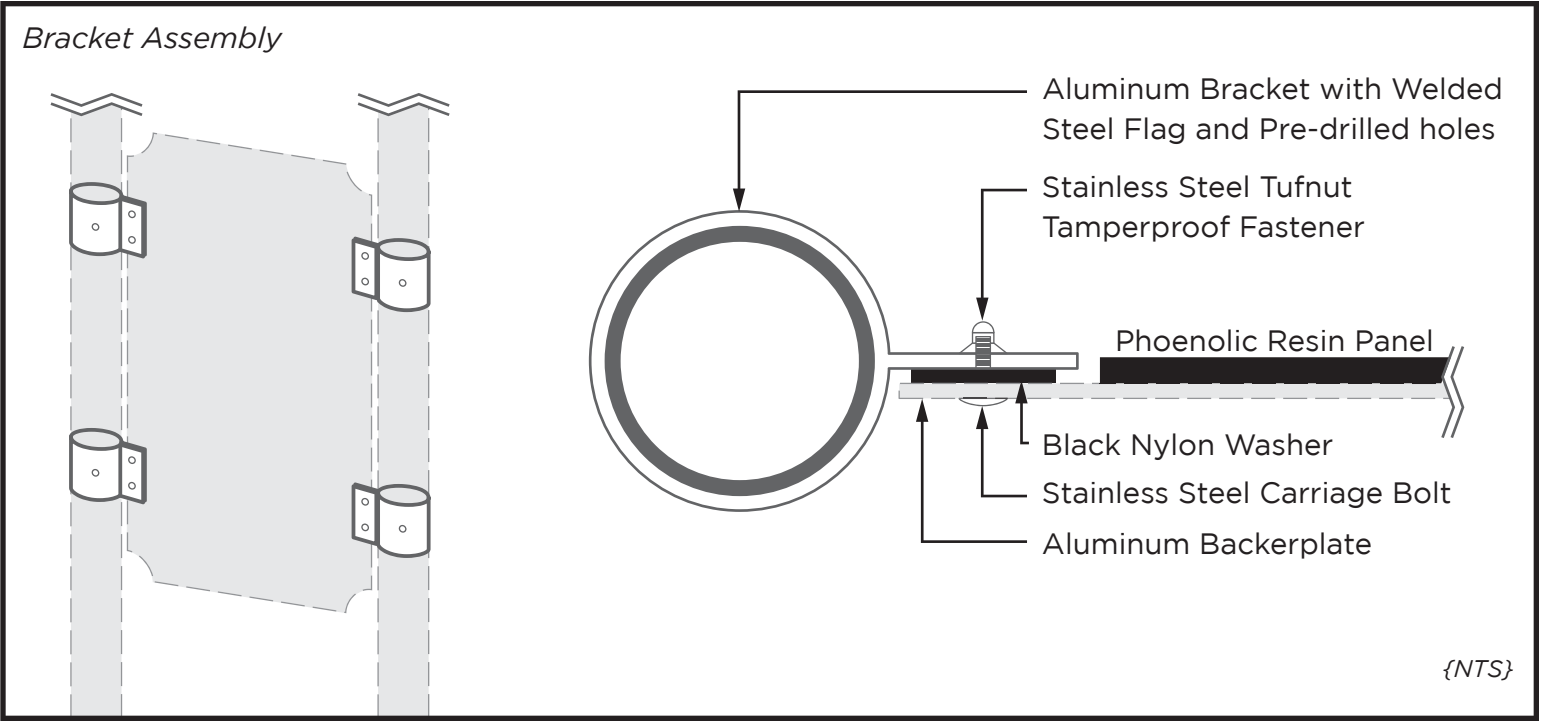
Sign Name:	Unit Cost:
Sign Type C — Kiosk Map	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

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MATERIALS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type C
City of Cape Girardeau
22097.0

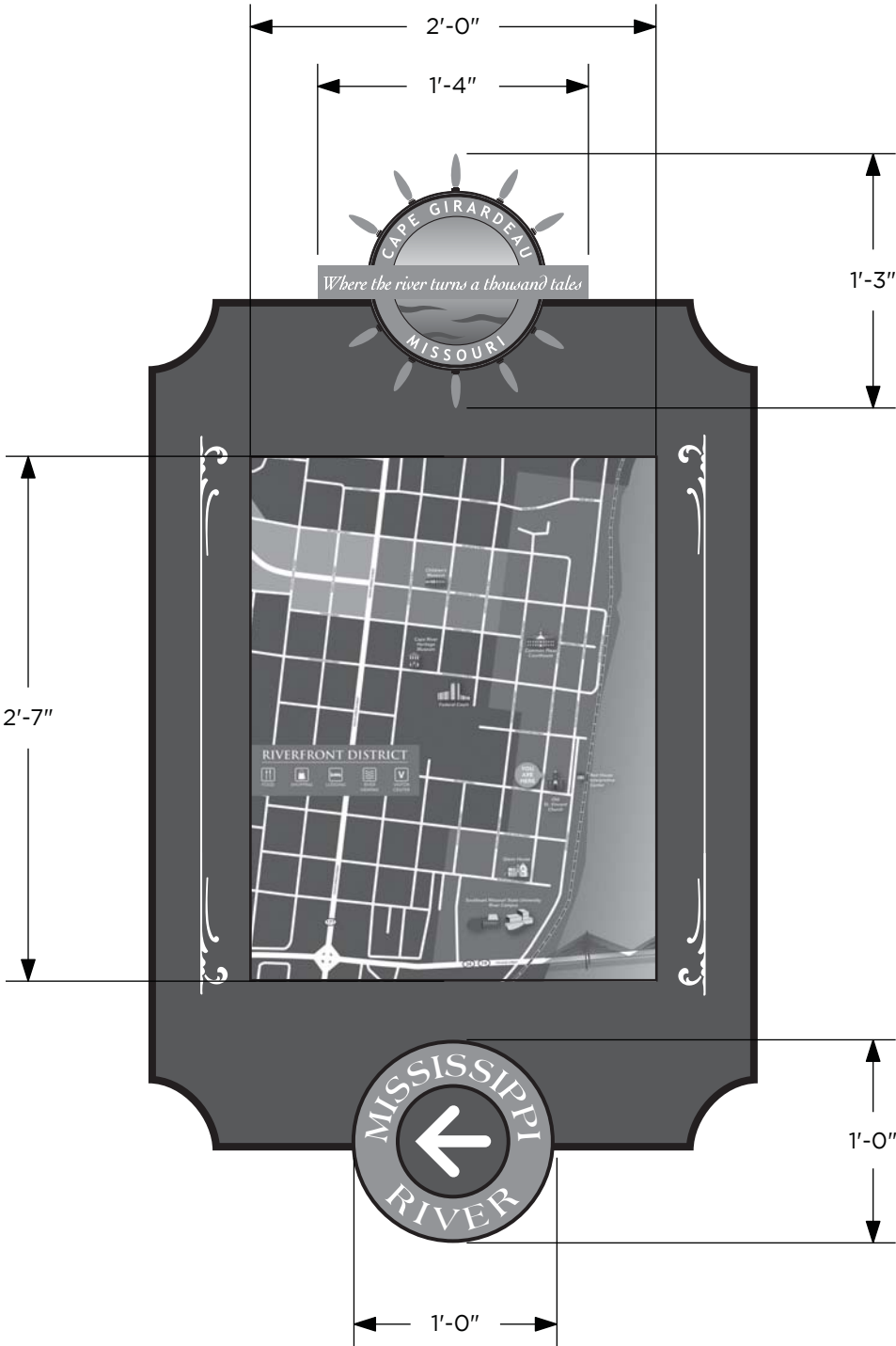
Scale: 1" = 2'
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Sign Name:	Unit Cost:
Sign Type C — Kiosk Map	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Back of sign is black with lockable aluminum/acrylic faced display cabinet. Size of cabinet to be determined at time of fabrication.



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type D
City of Cape Girardeau
22097.0

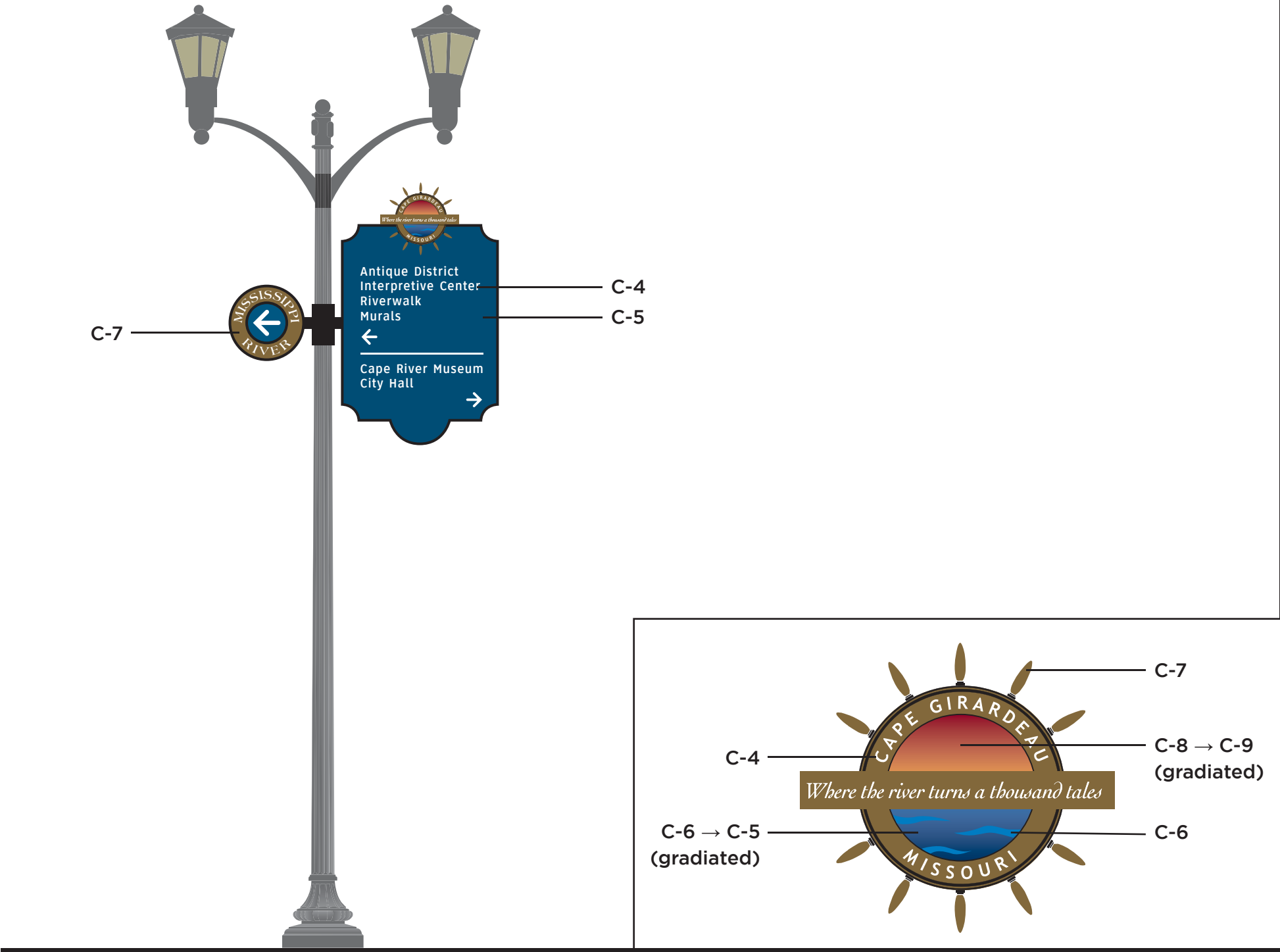
Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type D — Pedestrian Directional Sign	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Sign is double sided



COLORS

- | | |
|-----|---|
| C-1 | Vinyl Blue,
Engineer Grade Reflective
3M Blue 3275,
Oracal Oralite Blue 050,
Avery Light Blue A7820-R |
| C-2 | Vinyl White,
Engineer Grade Reflective
3M White 3290,
Oracal Oralite White 010,
Avery White A7801-R |
| C-3 | Black,
MP59647
Pantone Process Black |
| C-4 | White,
MP32071 |
| C-5 | Logo Dark Blue,
MP11584
Pantone 289 |
| C-6 | Logo Medium Blue,
MP07327
Pantone 285 |
| C-7 | Logo Brown,
MP00608
Pantone 463 |
| C-8 | Logo Red,
MP14402
Pantone 202 |
| C-9 | Logo Yellow/Orange,
MP14064
Pantone 116 |

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type D
City of Cape Girardeau
22097.0

Scale: 1" = 2'
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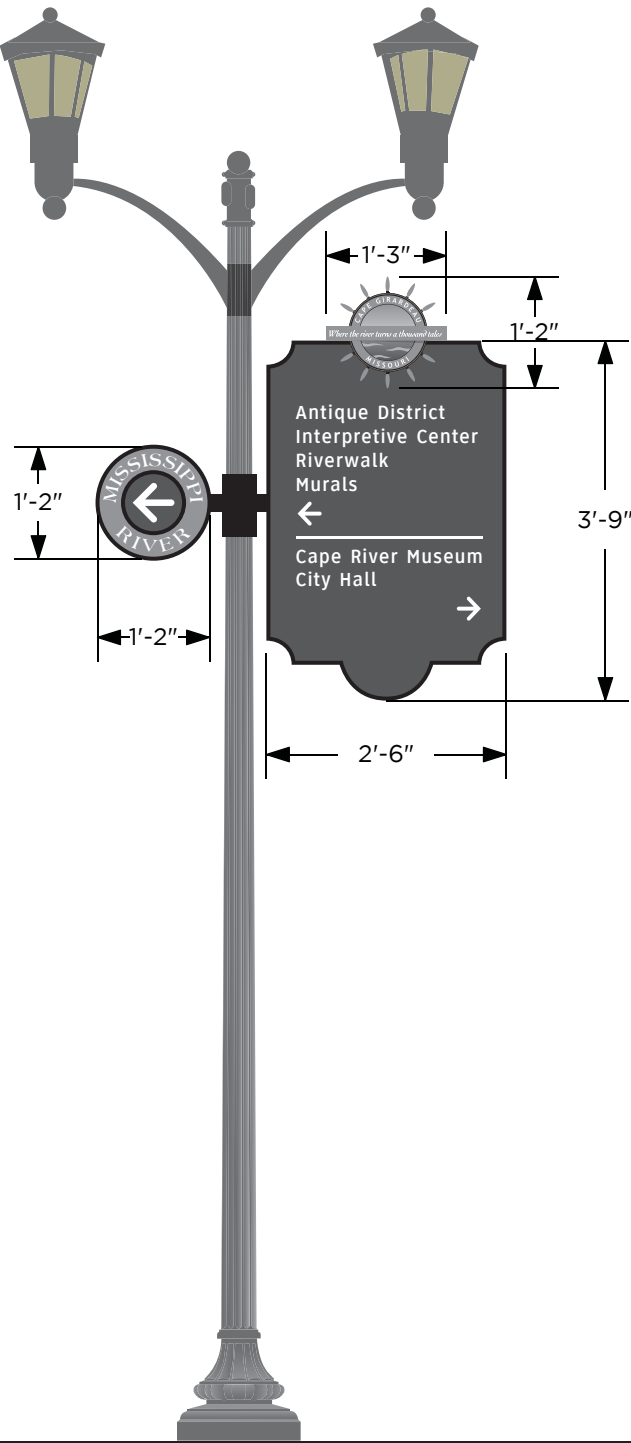
Sign Name:	Unit Cost:
Sign Type D — Pedestrian Directional Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Sign is double sided

DIMENSIONS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type D
City of Cape Girardeau
22097.0

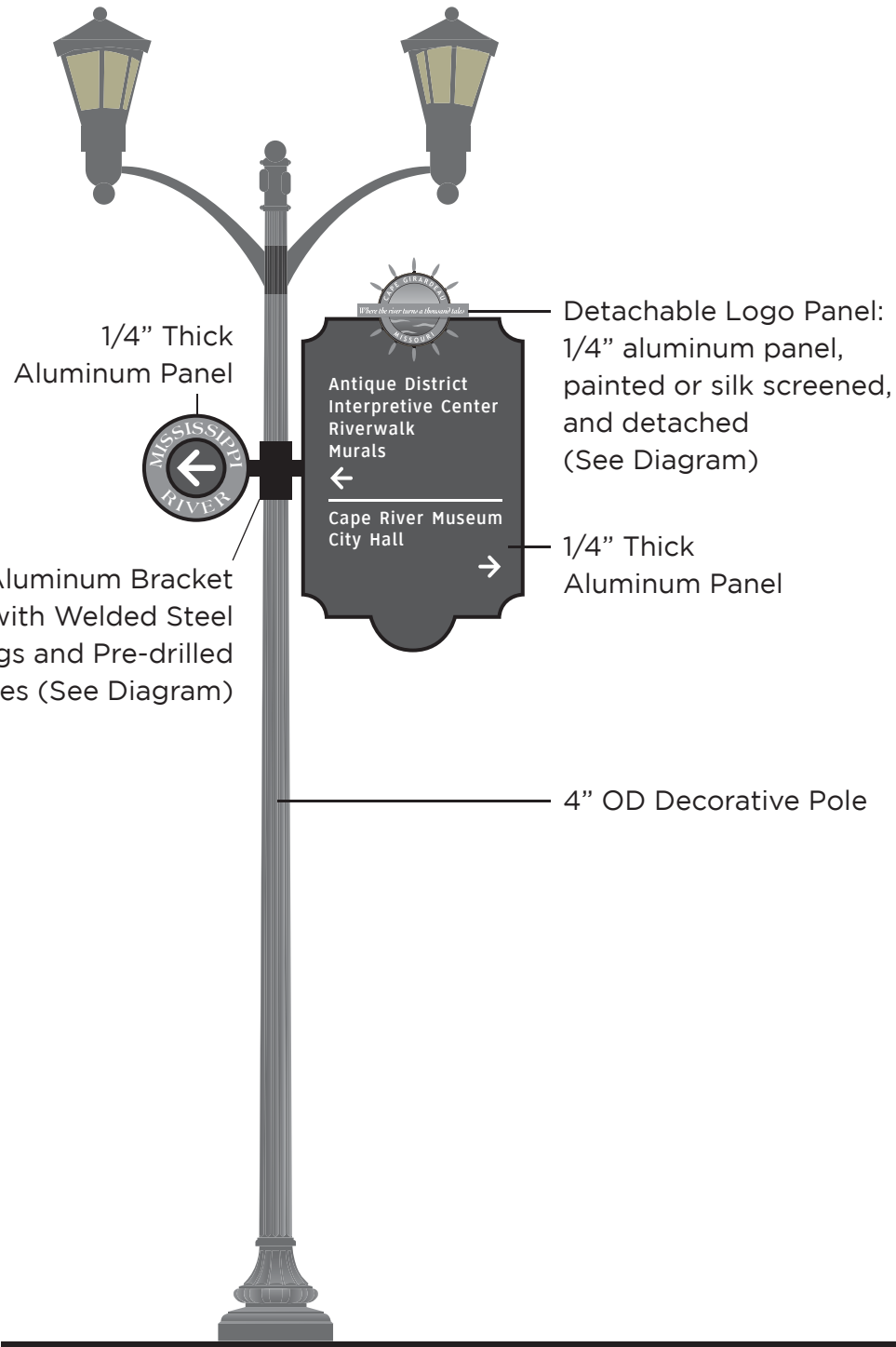
Scale: 1" = 2'
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Sign Name:	Unit Cost:
Sign Type D — Pedestrian Directional Sign	TBD

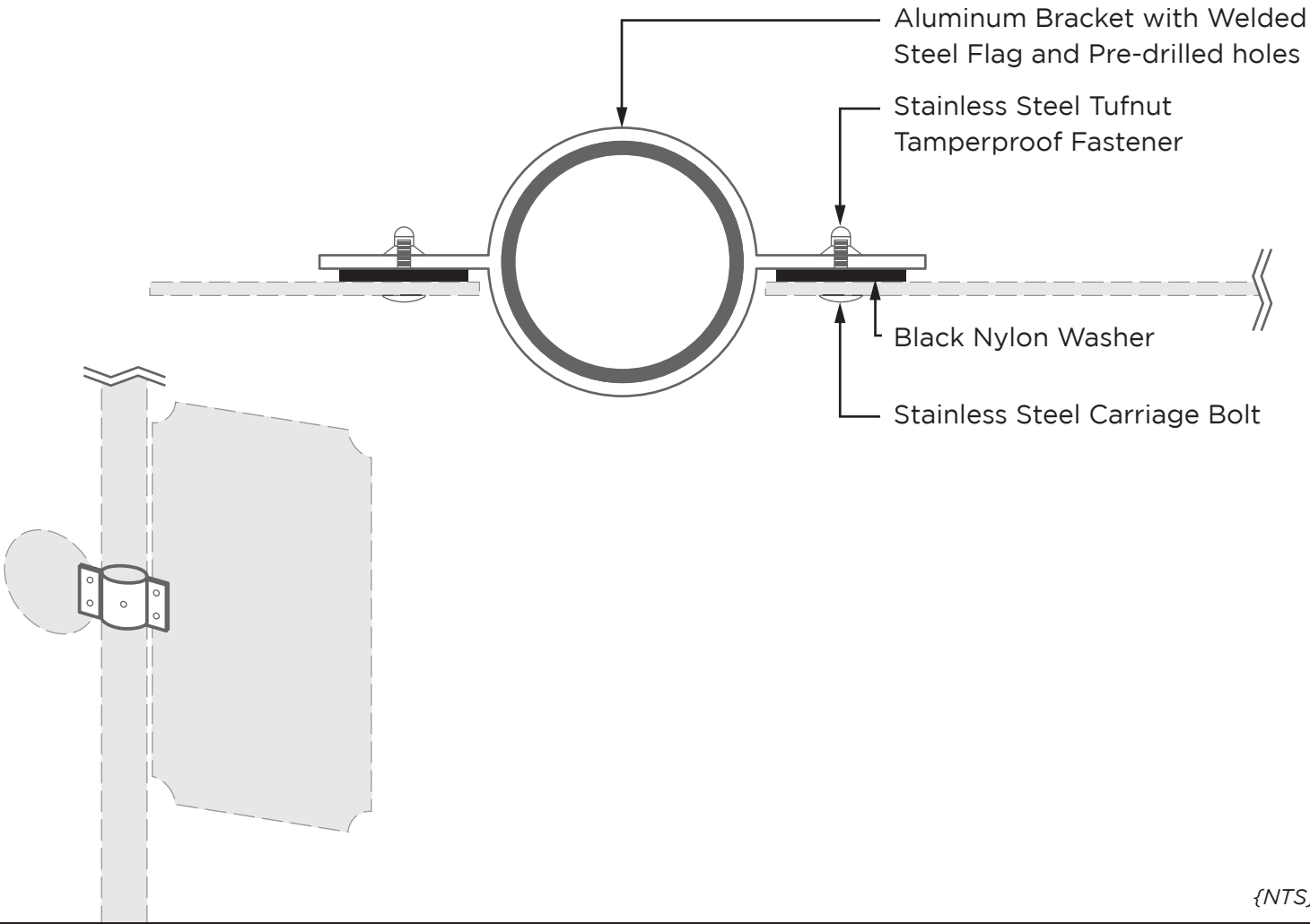
Description:

All directional signs are not identical. See sign schedule for specific criteria.

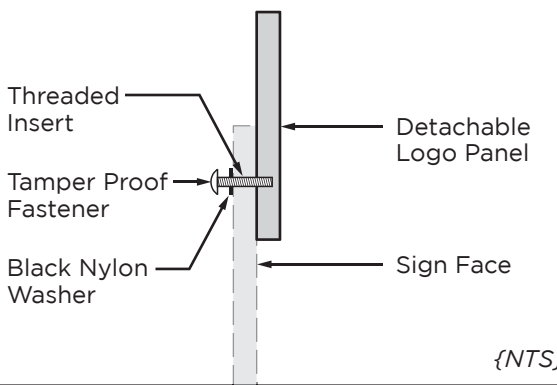
Sign is double sided



Bracket Assembly



Detachable Logo Panel Diagram



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type D
City of Cape Girardeau
22097.0

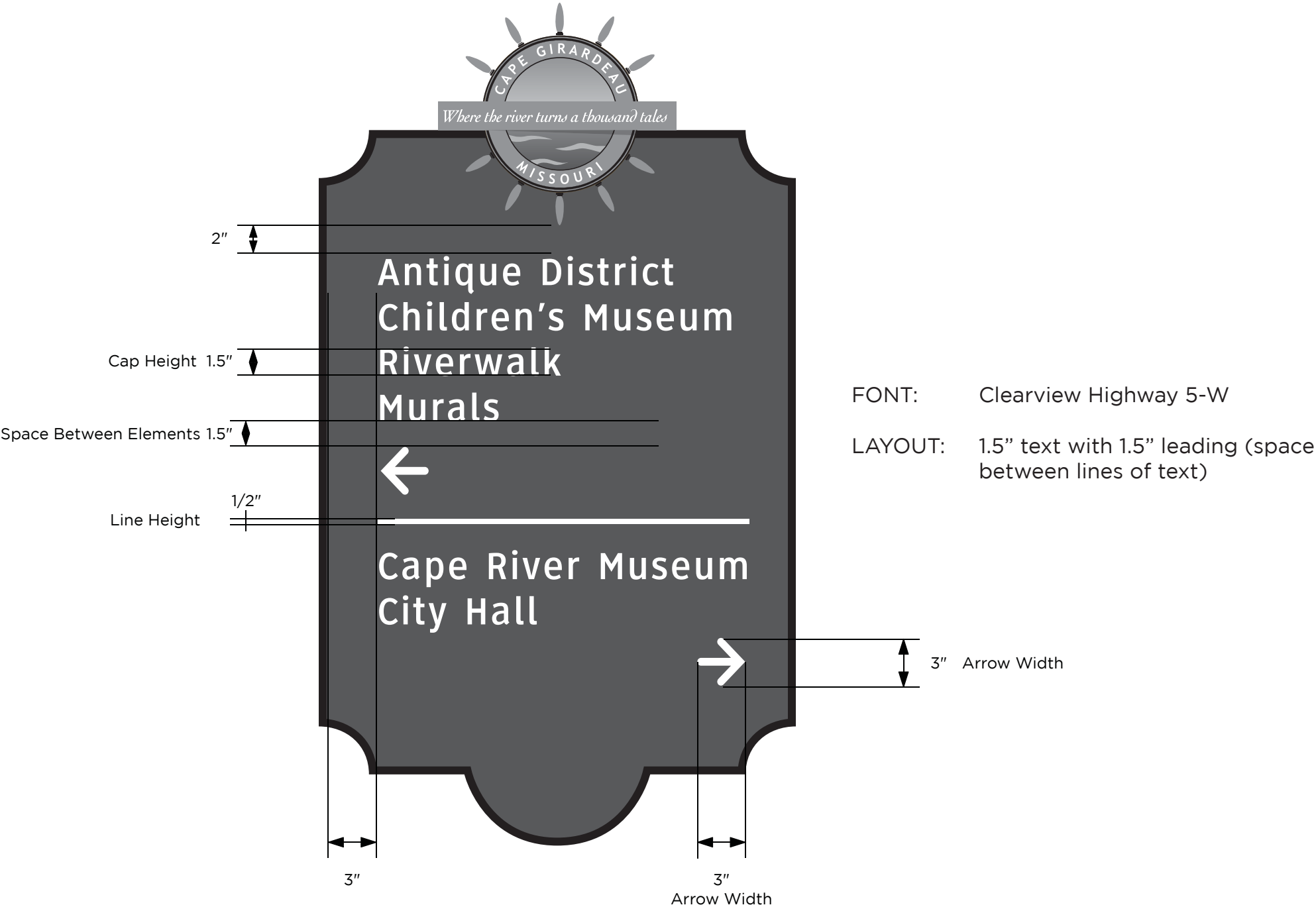
Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type D — Pedestrian Directional Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Sign is double sided



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type E
City of Cape Girardeau
22097.0

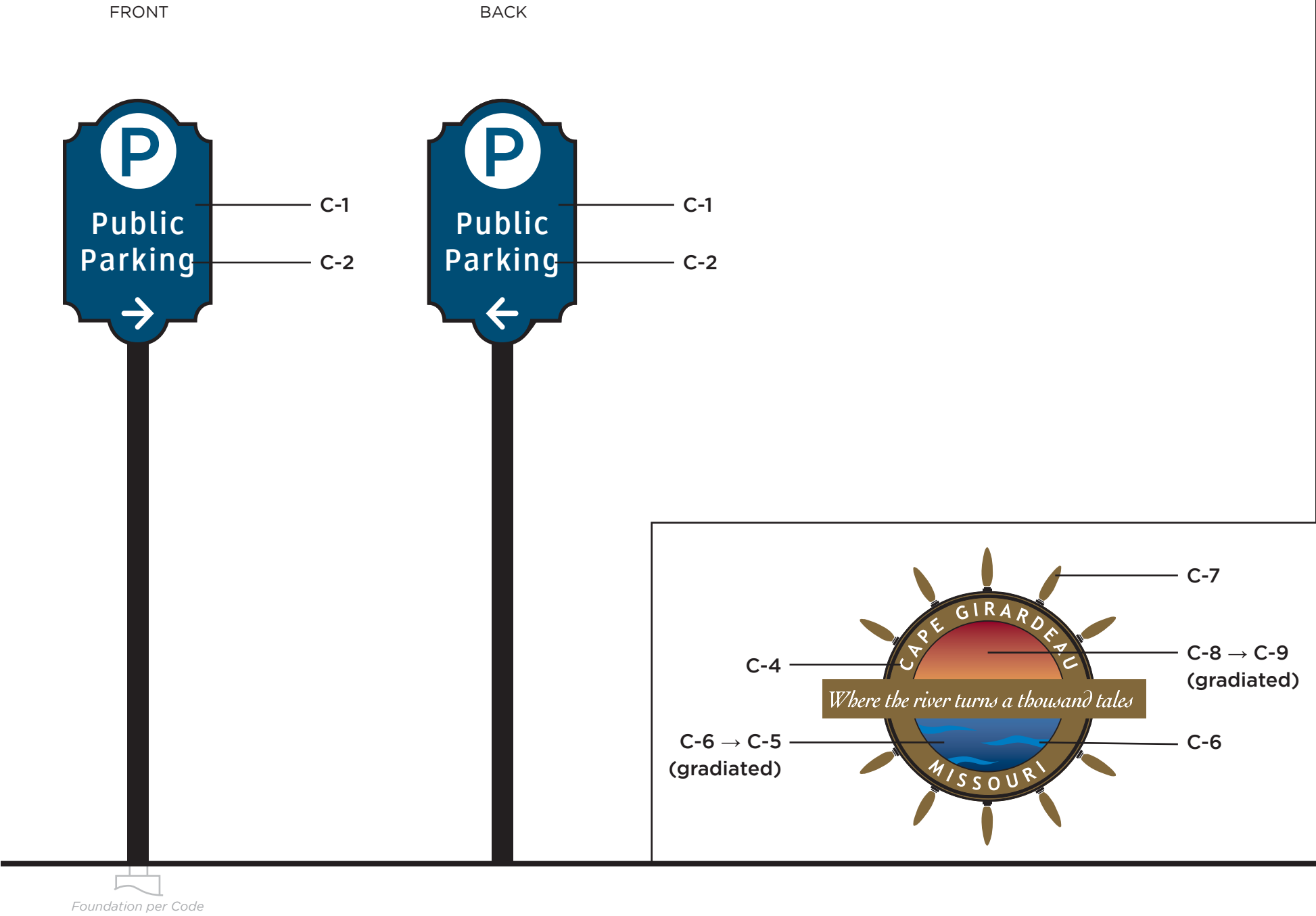
Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type E — Parking ID Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Sign is double sided



C-1 Vinyl Blue,
Engineer Grade Reflective
3M Blue 3275,
Oracal Oralite Blue 050,
Avery Light Blue A7820-R

C-2 Vinyl White,
Engineer Grade Reflective
3M White 3290,
Oracal Oralite White 010,
Avery White A7801-R

C-3 Black,
MP59647
Pantone Process Black

C-4 White,
MP32071

C-5 Logo Dark Blue,
MP11584
Pantone 289

C-6 Logo Medium Blue,
MP07327
Pantone 285

C-7 Logo Brown,
MP00608
Pantone 463

C-8 Logo Red,
MP14402
Pantone 202

C-9 Logo Yellow/Orange,
MP14064
Pantone 116

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type E
City of Cape Girardeau
22097.0

Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

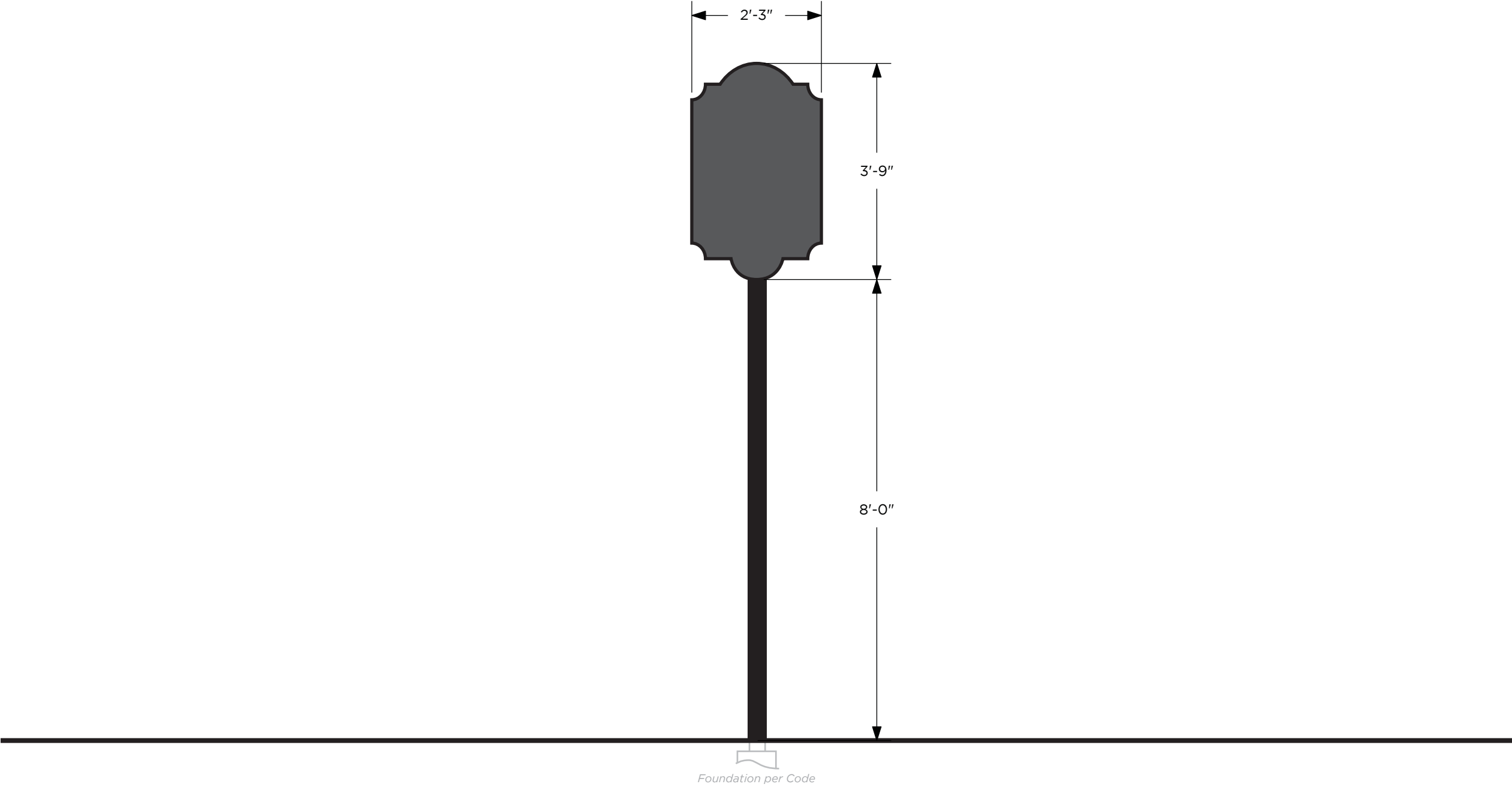
Sign Name:	Unit Cost:
Sign Type E — Parking ID Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Sign is double sided

DIMENSIONS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type E
City of Cape Girardeau
22097.0

Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

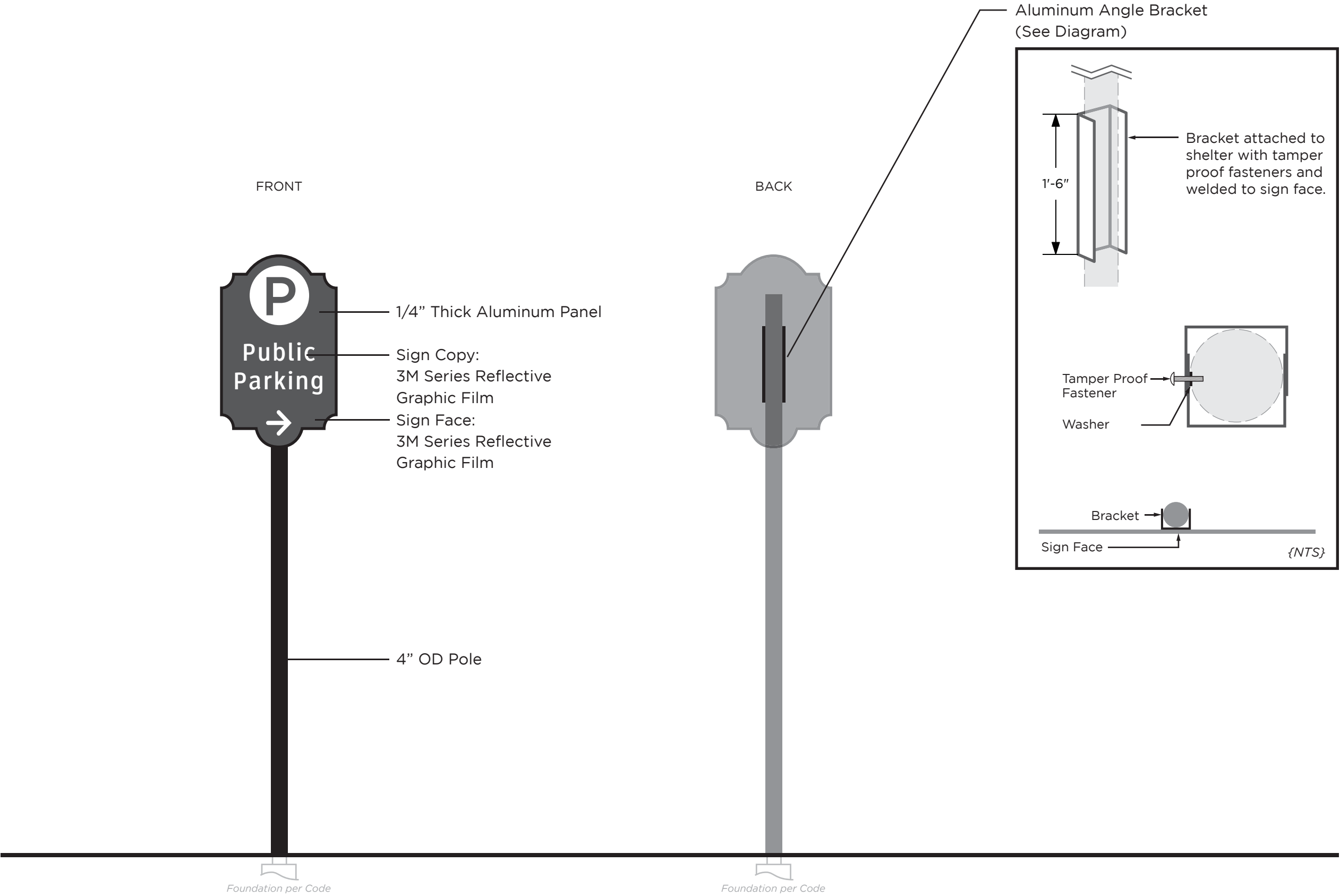
Sign Name:	Unit Cost:
Sign Type E — Parking ID Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Sign is double sided

MATERIALS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type E
City of Cape Girardeau
22097.0

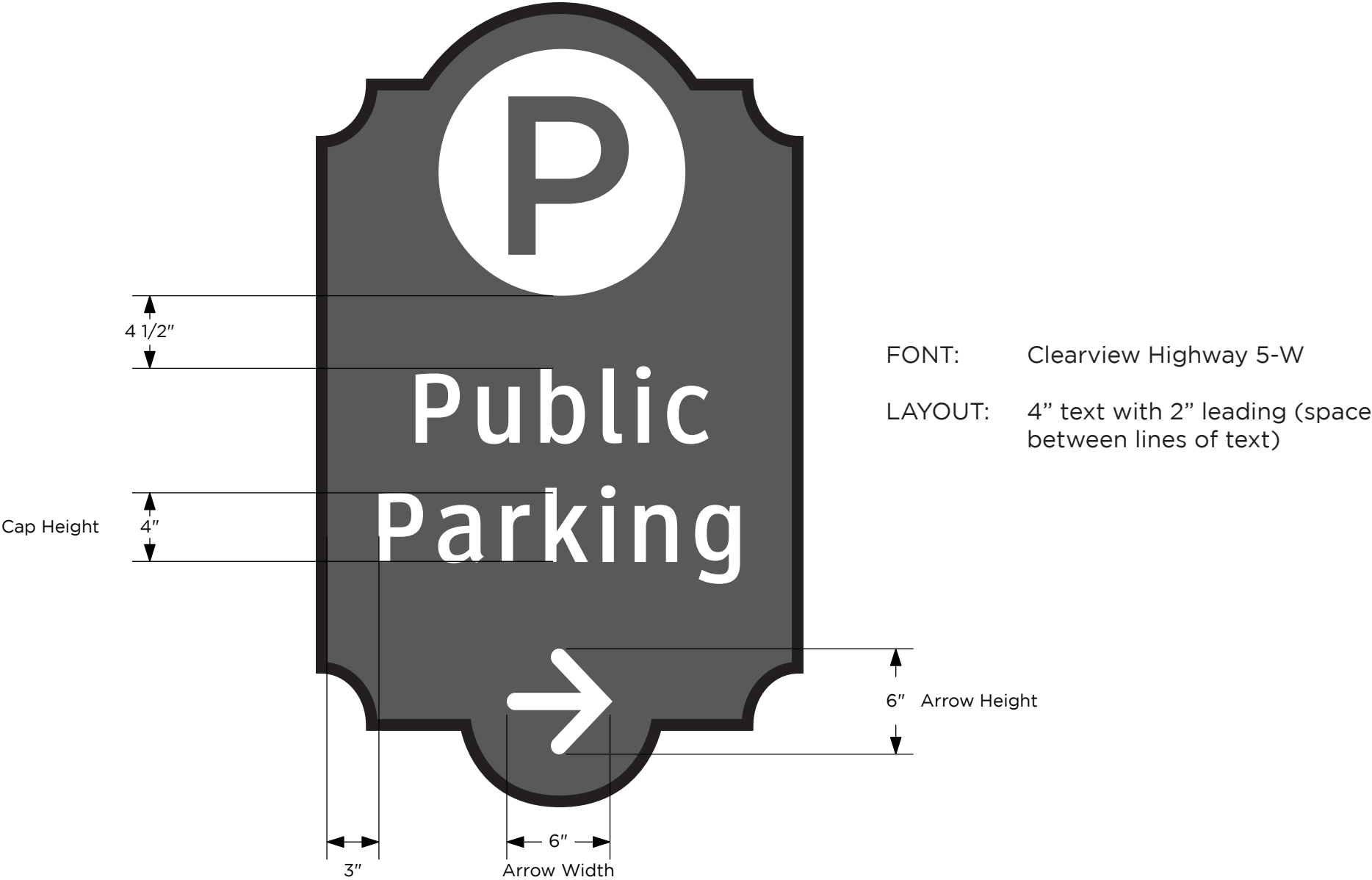
Scale: 1" = 2'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type E — Parking ID Sign	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Sign is double sided



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F
City of Cape Girardeau
22097.0

Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type F — Gateway	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Engineer and may not be located within MoDOT mainline right-of-way.

Perspective View



COLORS

- C-1 Vinyl Blue, Engineer Grade Reflective 3M Blue 3275, Oracal Oralite Blue 050,
- C-2 Vinyl White, Engineer Grade Reflective 3M White 3290,
- C-3 Black, MP59647 Pantone Process Black
- C-4 White, MP32071
- C-5 Logo Dark Blue, MP11584 Pantone 289
- C-6 Logo Medium Blue, MP07327 Pantone 285
- C-7 Logo Brown, MP00608 Pantone 463
- C-8 Logo Red, MP14402 Pantone 202
- C-9 Logo Yellow/Orange, MP14064 Pantone 116



Foundation per Code

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F
City of Cape Girardeau
22097.0

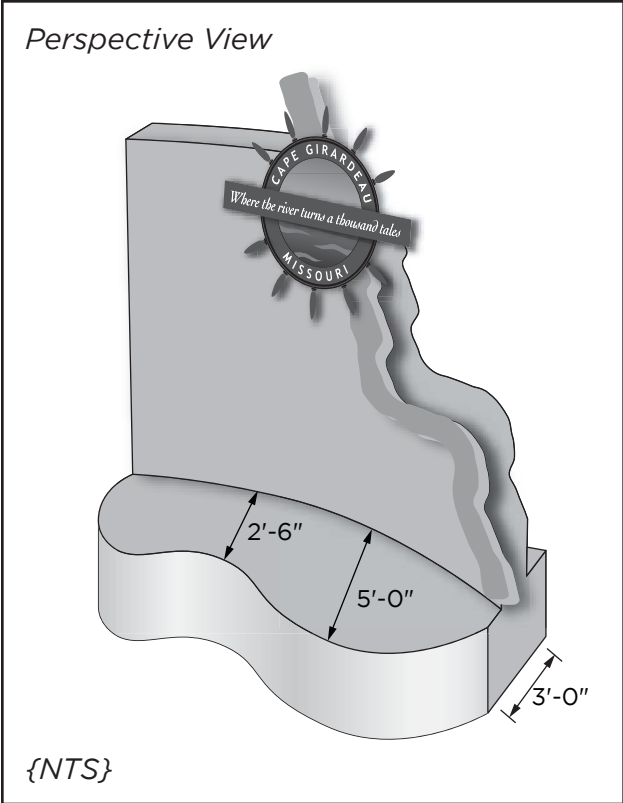
Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type F — Gateway	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.



DIMENSIONS



Foundation per Code

Drawn By:	Contact:
JMM ☐	Environmental Graphics/Wayfinding
ETW ☐	AECOM Glatting Jackson
SP ☒	407-843-6552
SM ☐	150 N Orange Avenue, Suite 200
	Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F
City of Cape Girardeau
22097.0

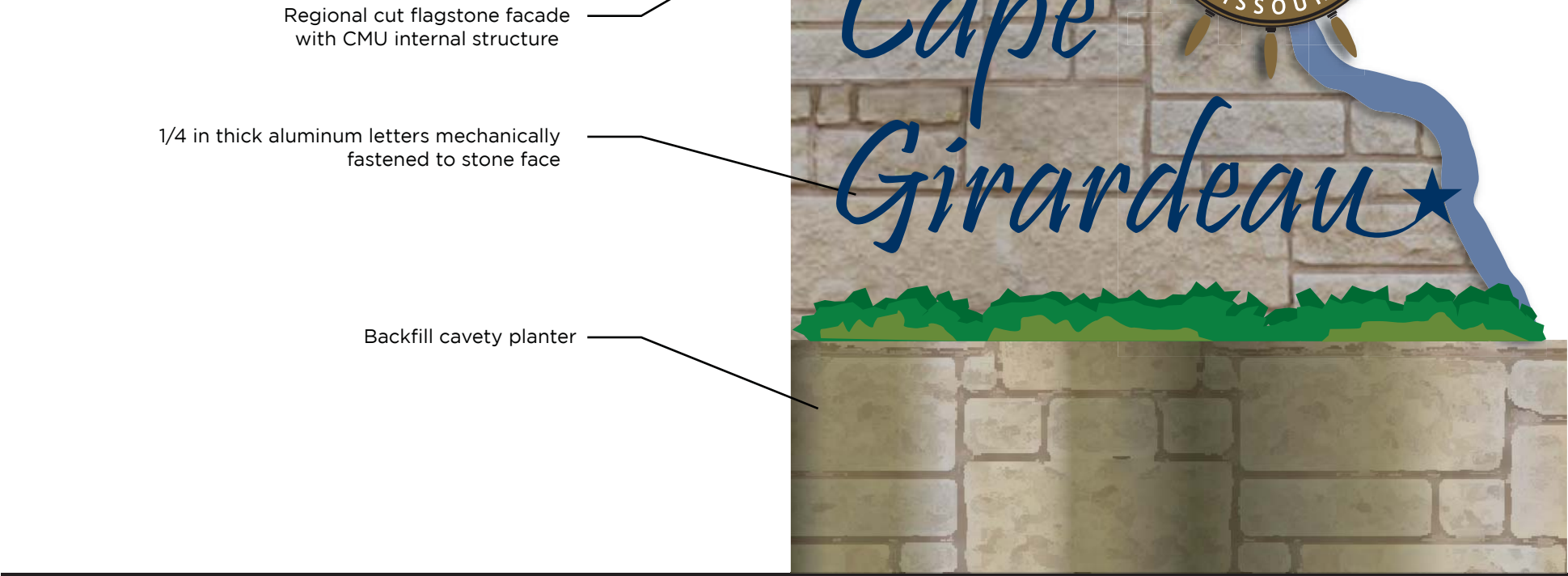
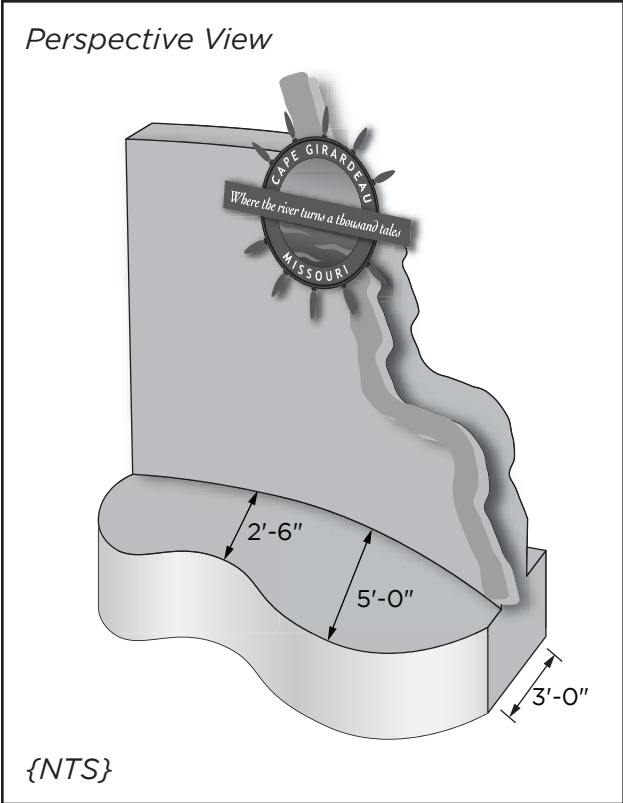
Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type F — Gateway	TBD

Description:

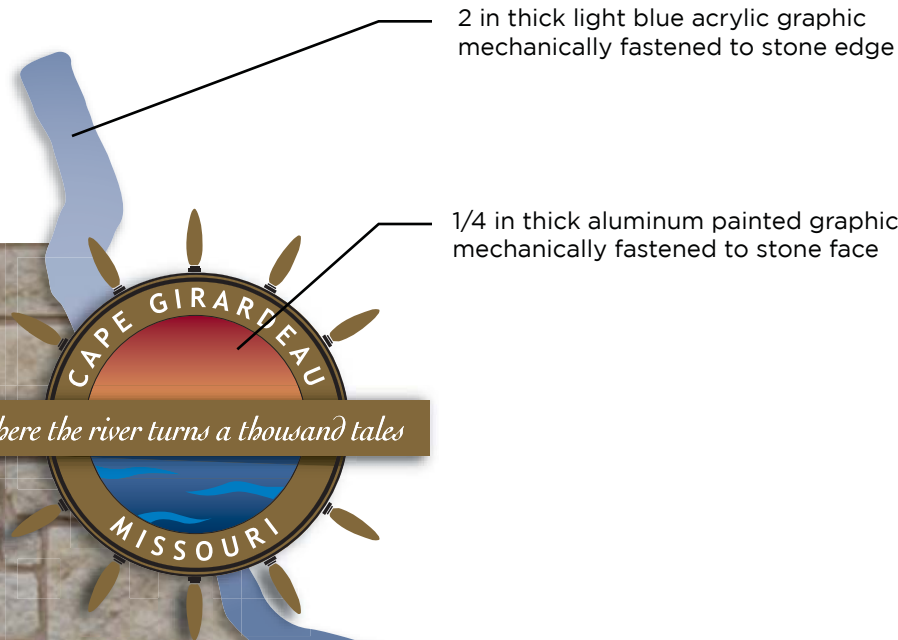
All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.



Foundation per Code

MATERIALS



Drawn By:

JMM ☐

ETW ☐

SP ☒

SM ☐

Contact:

Environmental Graphics/Wayfinding
AECOM Glatting Jackson
407-843-6552
150 N Orange Avenue, Suite 200
Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F
City of Cape Girardeau
22097.0

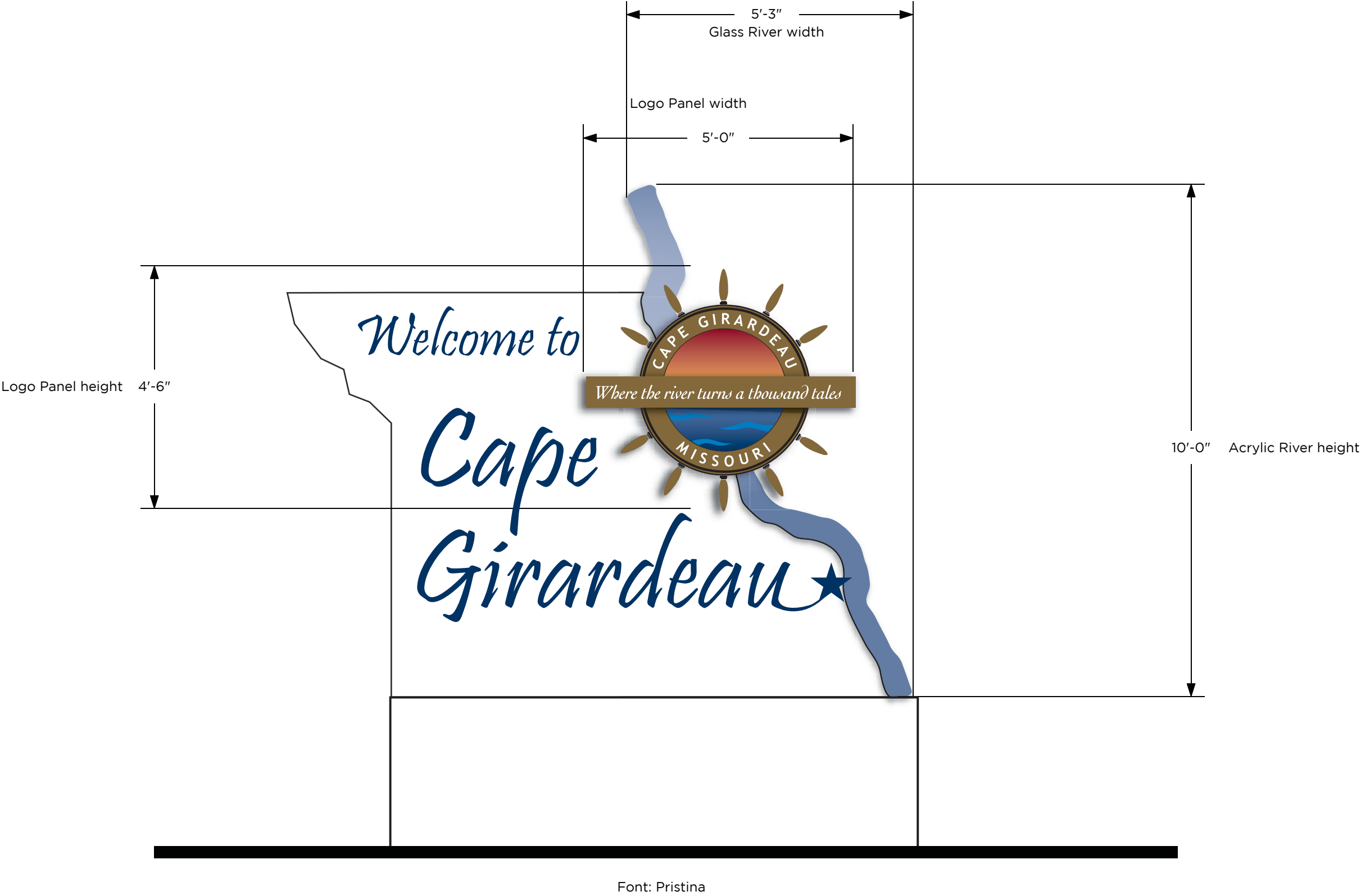
Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type F — Gateway	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.



Drawn By:	Contact:
JMM ☐	Environmental Graphics/Wayfinding
ETW ☐	AECOM Glatting Jackson
SP ☒	407-843-6552
SM ☐	150 N Orange Avenue, Suite 200
	Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type G
City of Cape Girardeau
22097.0

Scale: 1” = 4’
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type G — Neighborhood Gateway	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.



Foundation per Code

COLORS

- | | |
|-----|---|
| C-1 | Vinyl Blue,
Engineer Grade Reflective
3M Blue 3275,
Oracal Oralite Blue 050, |
| C-2 | Vinyl White,
Engineer Grade Reflective
3M White 3290, |
| C-3 | Black,
MP59647
Pantone Process Black |
| C-4 | White,
MP32071 |
| C-5 | Logo Dark Blue,
MP11584
Pantone 289 |
| C-6 | Logo Medium Blue,
MP07327
Pantone 285 |
| C-7 | Logo Brown,
MP00608
Pantone 463 |
| C-8 | Logo Red,
MP14402
Pantone 202 |
| C-9 | Logo Yellow/Orange,
MP14064
Pantone 116 |

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type G
City of Cape Girardeau
22097.0

Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

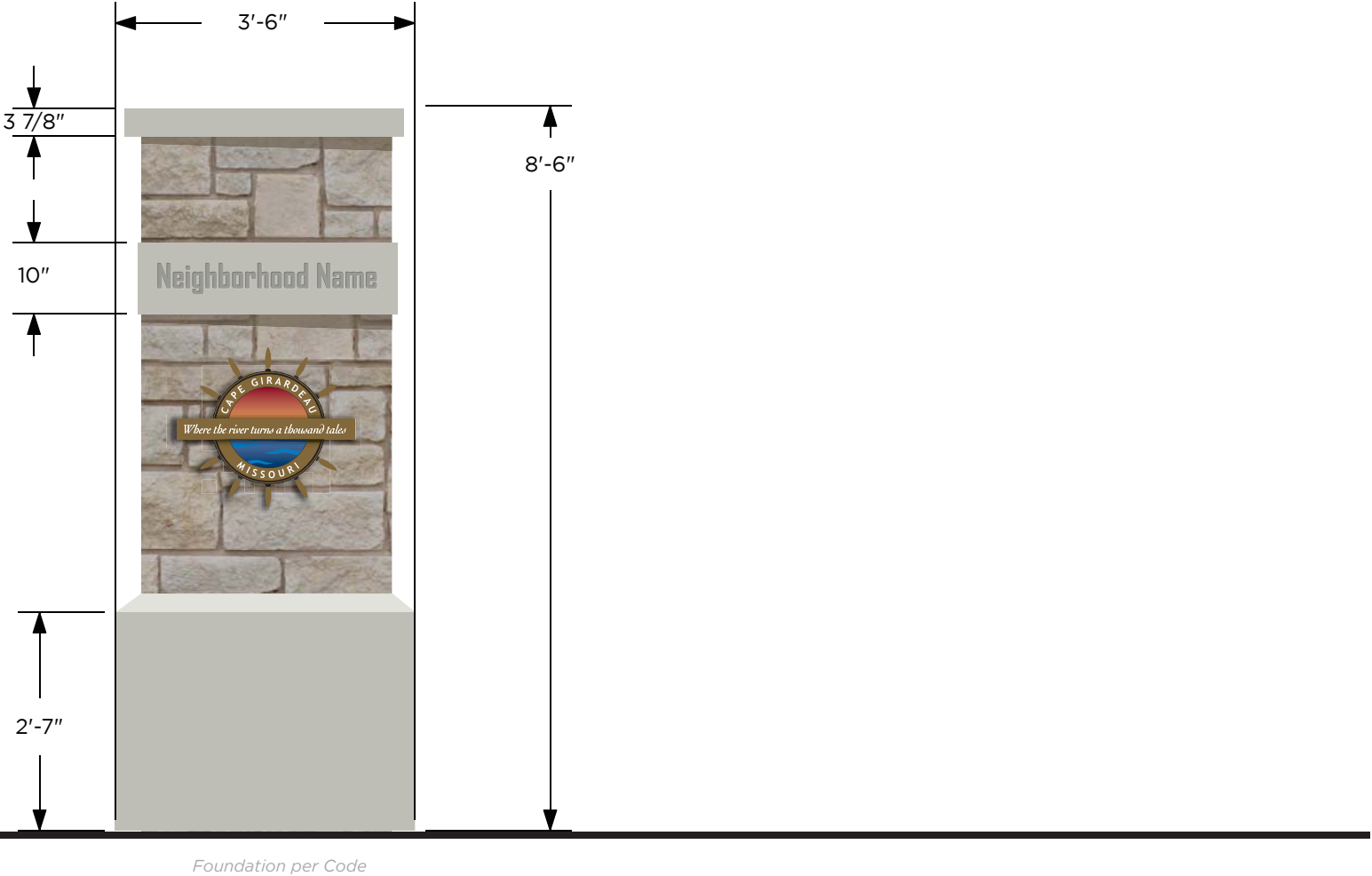
Sign Name:	Unit Cost:
Sign Type G — Neighborhood Gateway	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.

DIMENSIONS



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type G
City of Cape Girardeau
22097.0

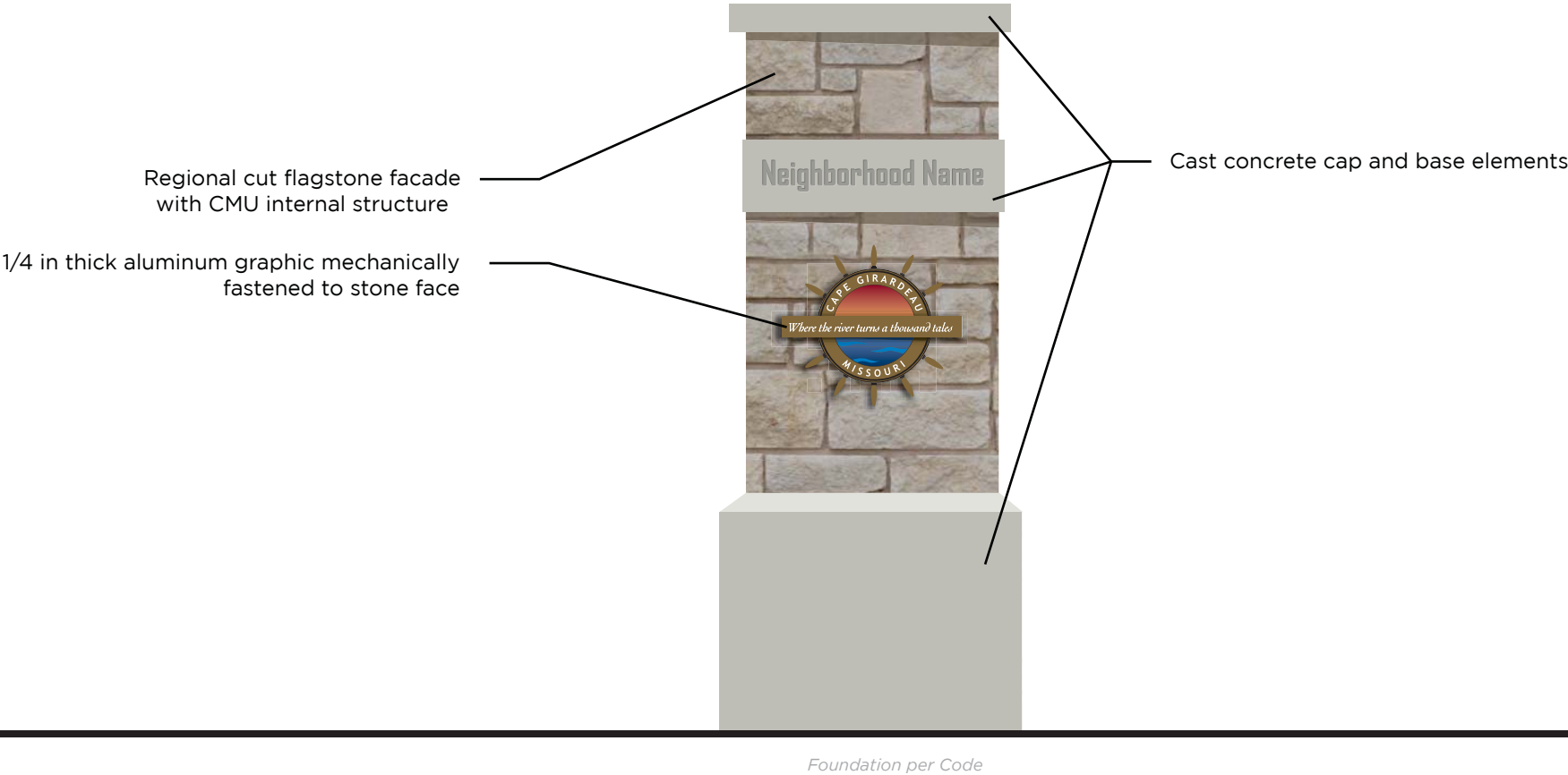
Scale: 1” = 4’
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type G — Neighborhood Gateway	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.



WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F Alternate
City of Cape Girardeau
22097.0

Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

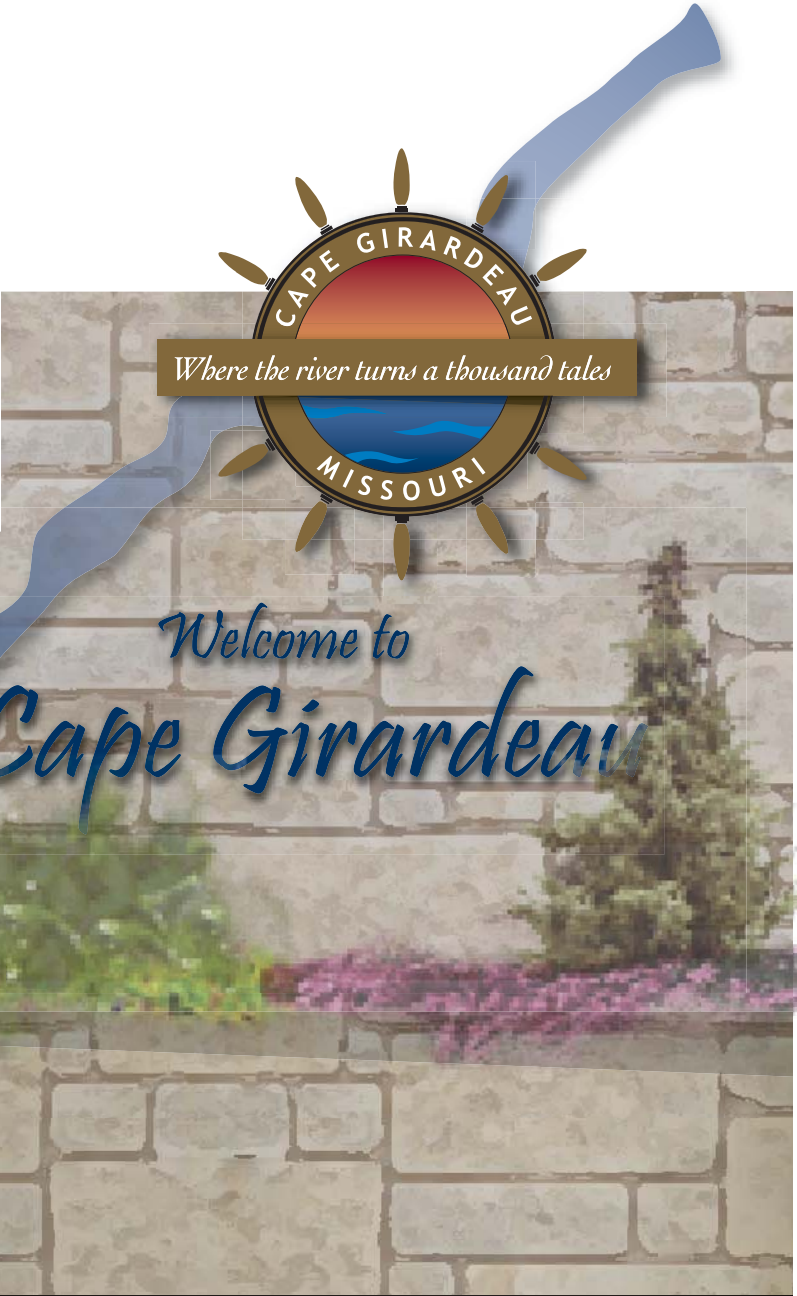
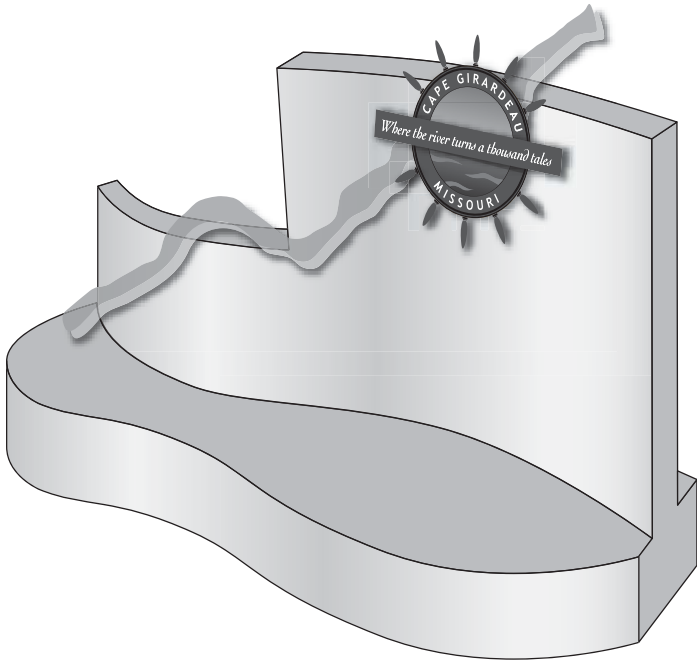
Sign Name:	Unit Cost:
Sign Type F - Gateway Sign Alternate	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.

Perspective View



Foundation per Code

COLORS

C-1	Vinyl Blue, Engineer Grade Reflective 3M Blue 3275, Oracal Oralite Blue 050,
C-2	Vinyl White, Engineer Grade Reflective 3M White 3290,
C-3	Black, MP59647 Pantone Process Black
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C-7	Logo Brown, MP00608 Pantone 463
C-8	Logo Red, MP14402 Pantone 202
C-9	Logo Yellow/Orange, MP14064 Pantone 116

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F Alternate
City of Cape Girardeau
22097.0

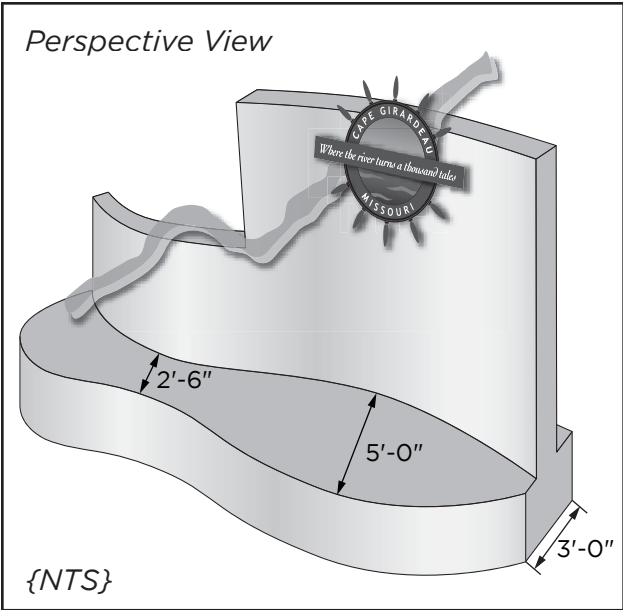
Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type F - Gateway Sign Alternate	TBD

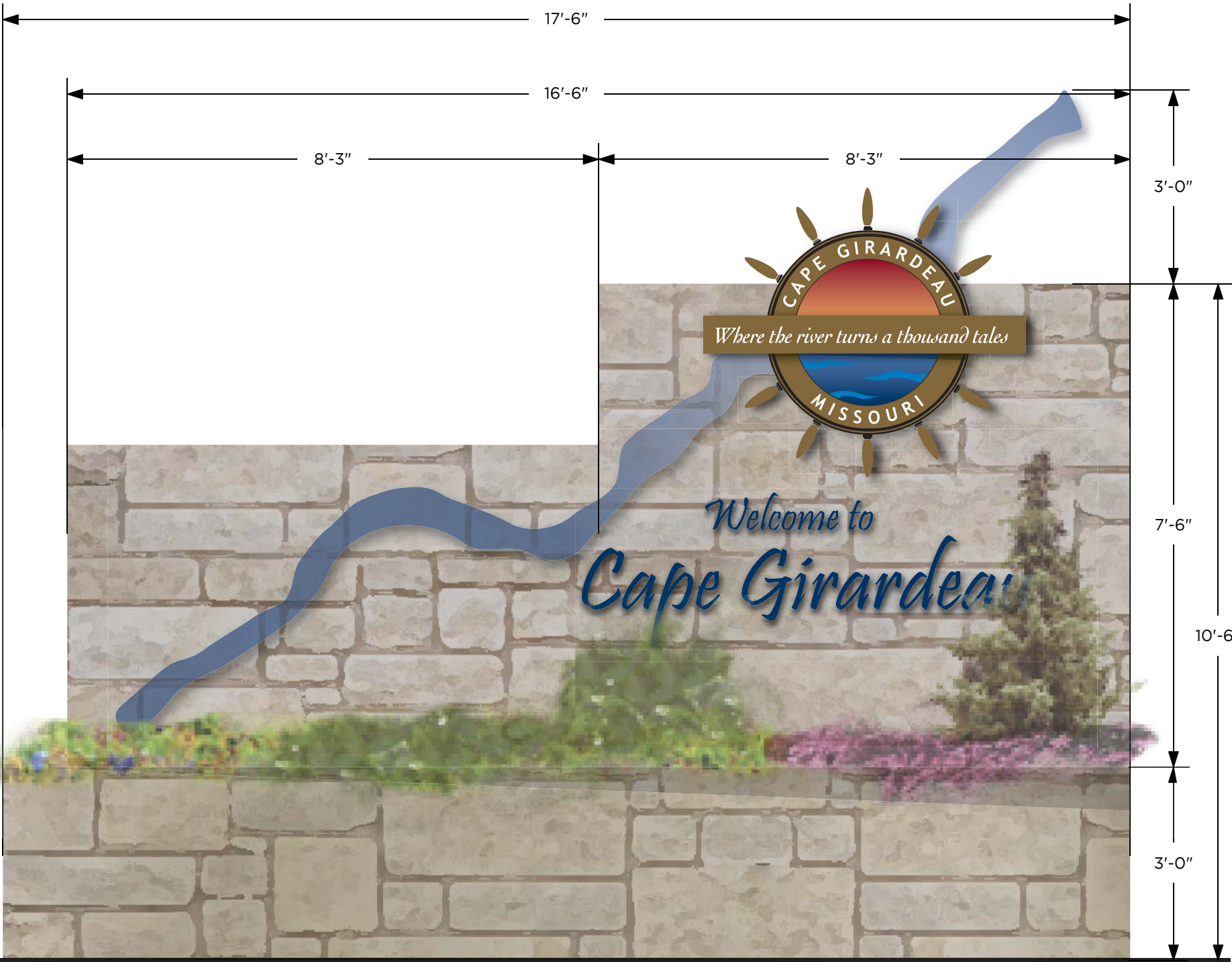
Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Engineer and may not be located within MoDOT mainline right-of-way.



DIMENSIONS



Foundation per Code

Drawn By:	
JMM	☐
ETW	☐
SP	☒
SM	☐
Contact:	
	Environmental Graphics/Wayfinding
	AECOM Glatting Jackson
	407-843-6552
	150 N Orange Avenue, Suite 200
	Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F Alternate
City of Cape Girardeau
22097.0

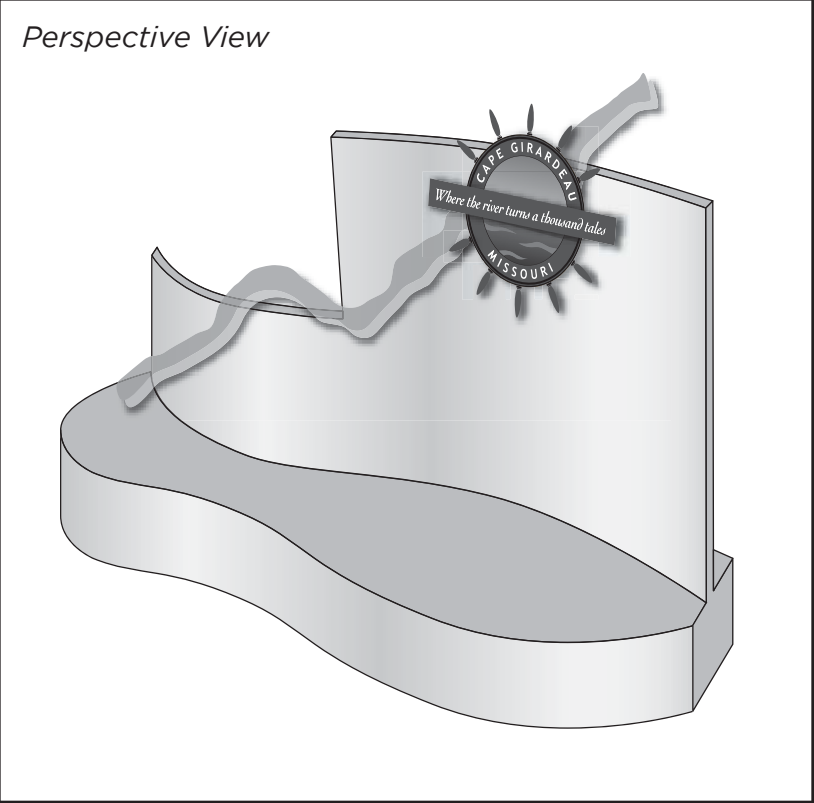
Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full size plans only. Glatting Jackson is not responsible for scale discrepancies caused by reduced size plans.

Sign Name:	Unit Cost:
Sign Type F - Gateway Sign Alternate	TBD

Description:

All directional signs are not identical. See sign schedule for specific criteria.

Location shall be coordinated with City Enigneer and may not be located within MoDOT mainline right-of-way.



Foundation per Code

Drawn By:	Contact:
JMM ☐	Environmental Graphics/Wayfinding
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SP ☒	407-843-6552
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	Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Sign Type F Alternate
City of Cape Girardeau
22097.0

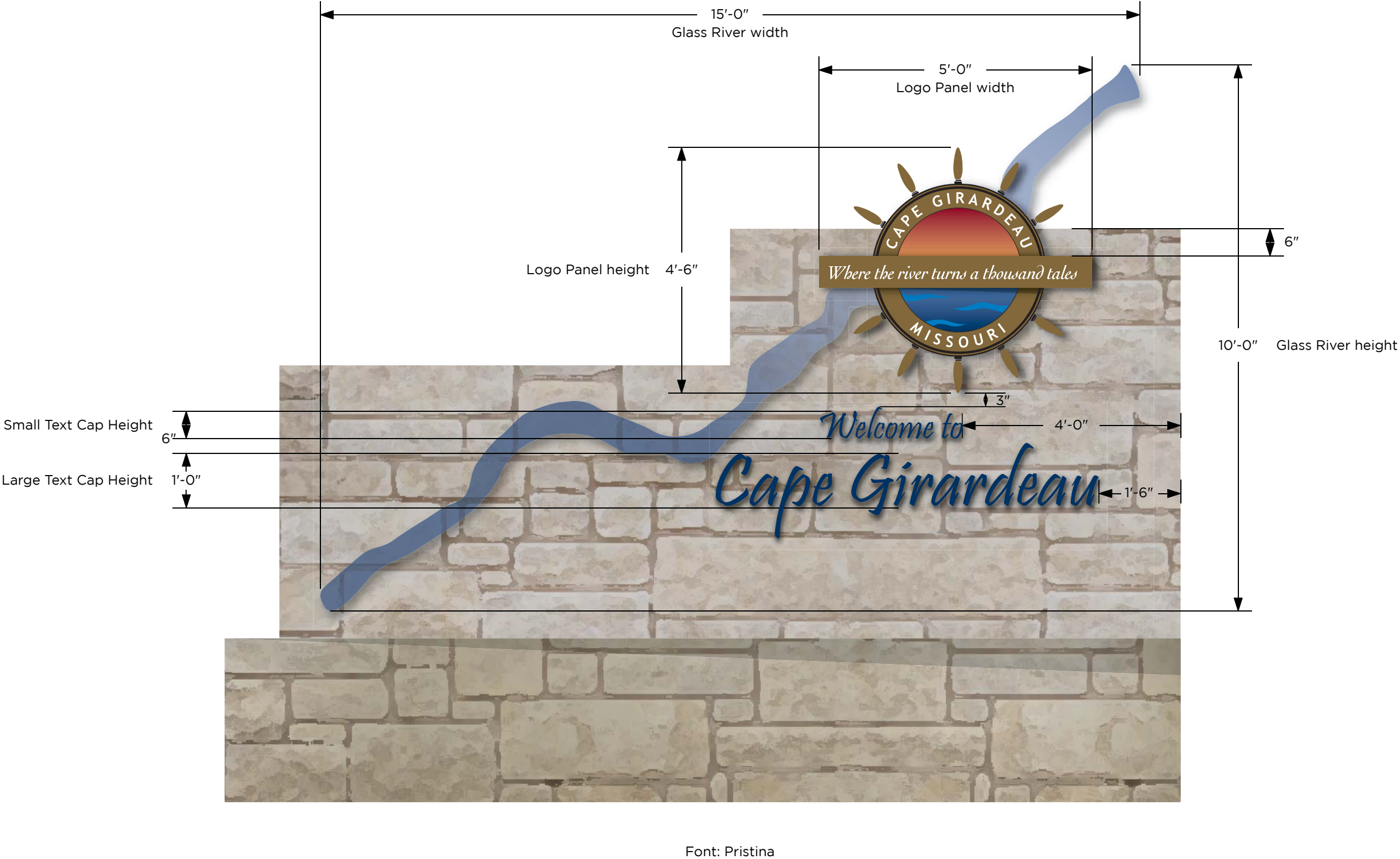
Scale: 1" = 4'
Note: Drawing scale shown on plans is accurate for full
size plans only. Glatting Jackson is not responsible for
scale discrepancies caused by reduced size plans.

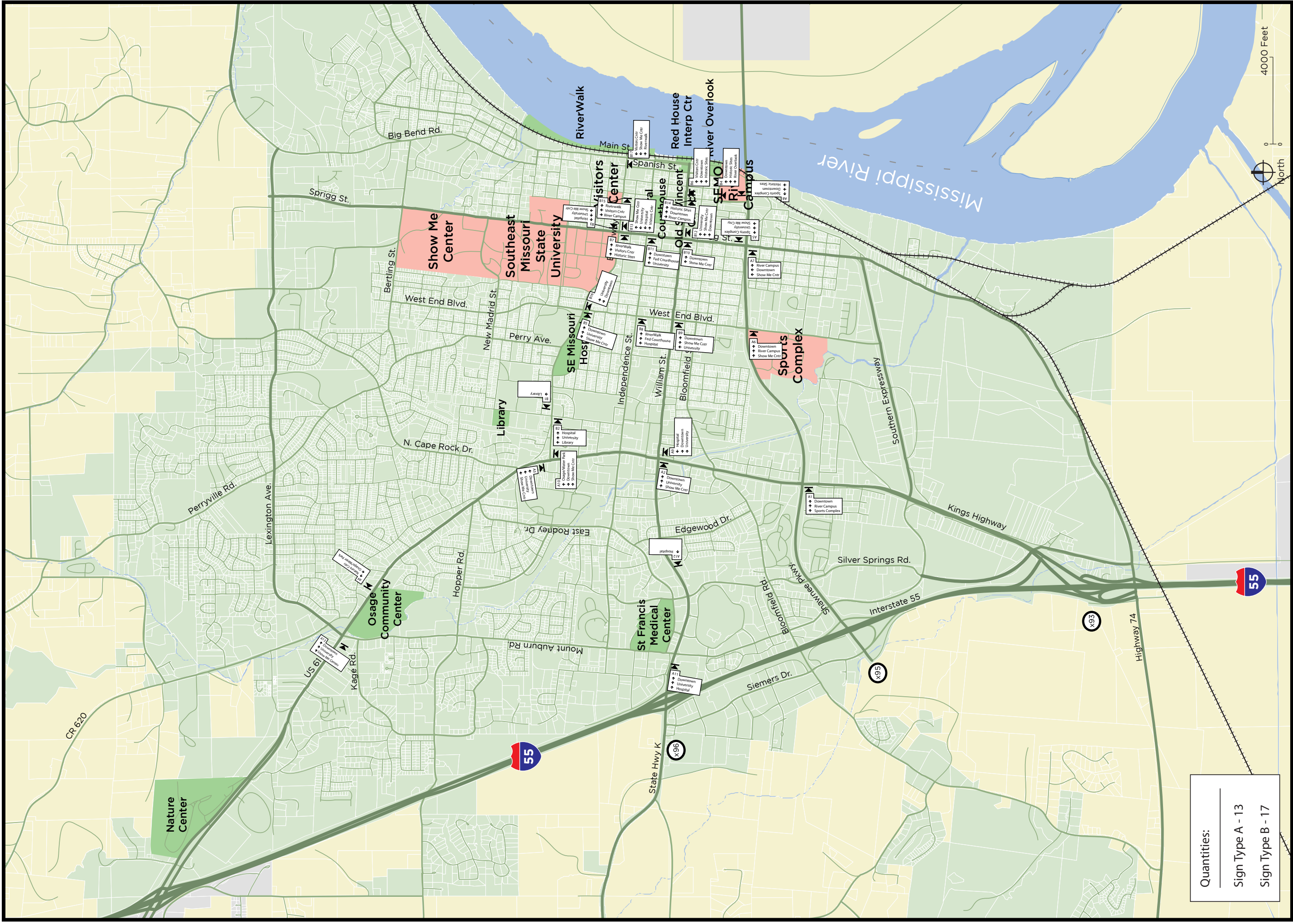
Sign Name:	Unit Cost:
Sign Type F - Gateway Sign Alternate	TBD

Description:

All directional signs are not identical.
See sign schedule for specific criteria.

Location shall be coordinated with City
Engineer and may not be located within
MoDOT mainline right-of-way.

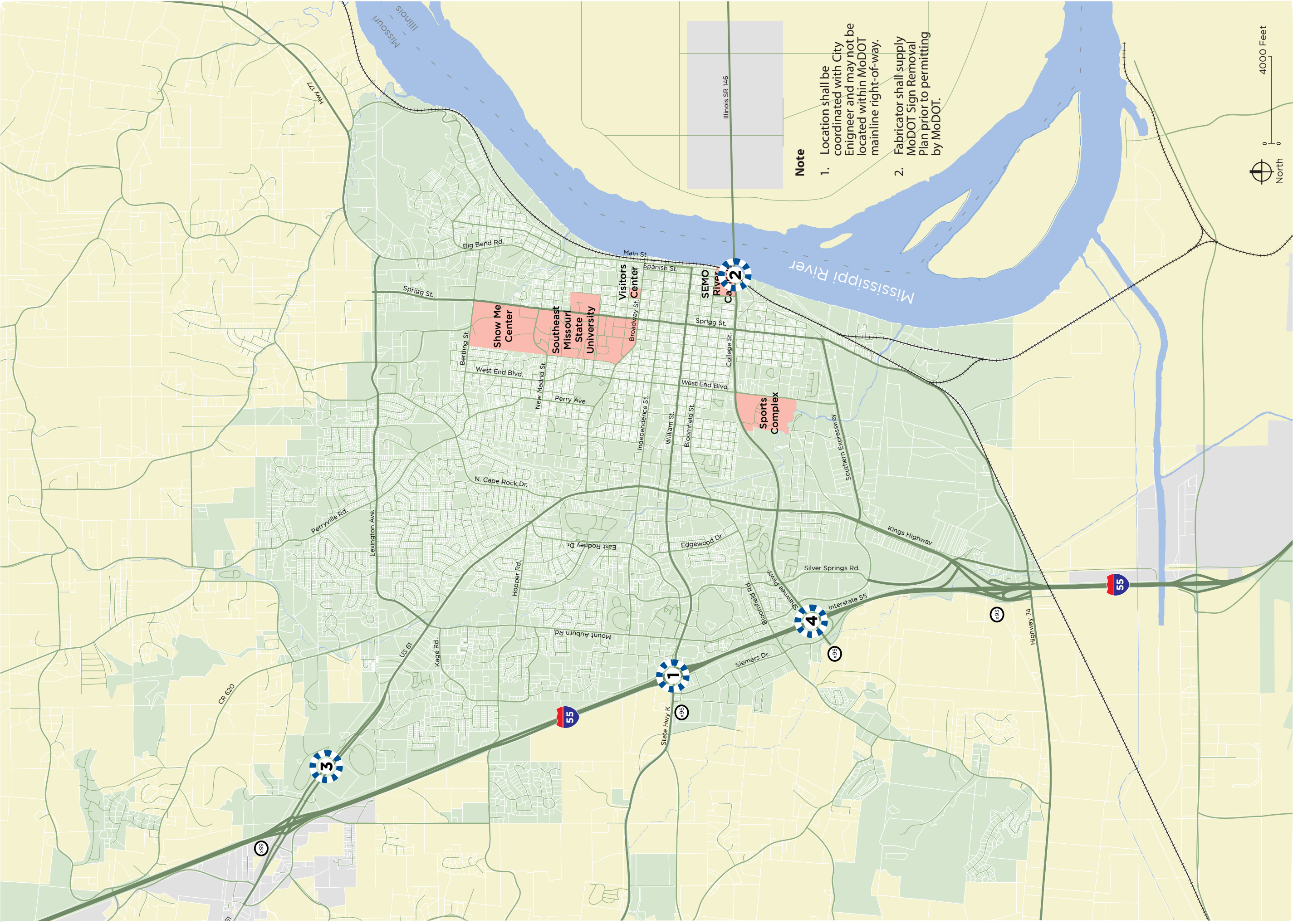




Quantities:

Sign Type A - 13

Sign Type B - 17





Wayfinding System – Sign Details

Specifications Page

The following pages illustrate prototypical installation recommendations, location and clearance guidelines for vehicular wayfinding signs.

Locate signs away from official traffic control devices. In locations where other DOT, city or county traffic control signs are located, maintain an appropriate distance for new sign location.

Minimum Spacing Distance:

Speed (mph)	Distance to sign
35 or less	200 ft
40-45	250 ft
50-60	300 ft

If conflict exists, coordinate with authority to relocate traffic control sign to mutually agreed upon location.

Utilize appropriate judgement when locating sign to allow users best opportunity to view and react to a message/direction.

Figure 1
Sign Type A and B
Vehicular Directional

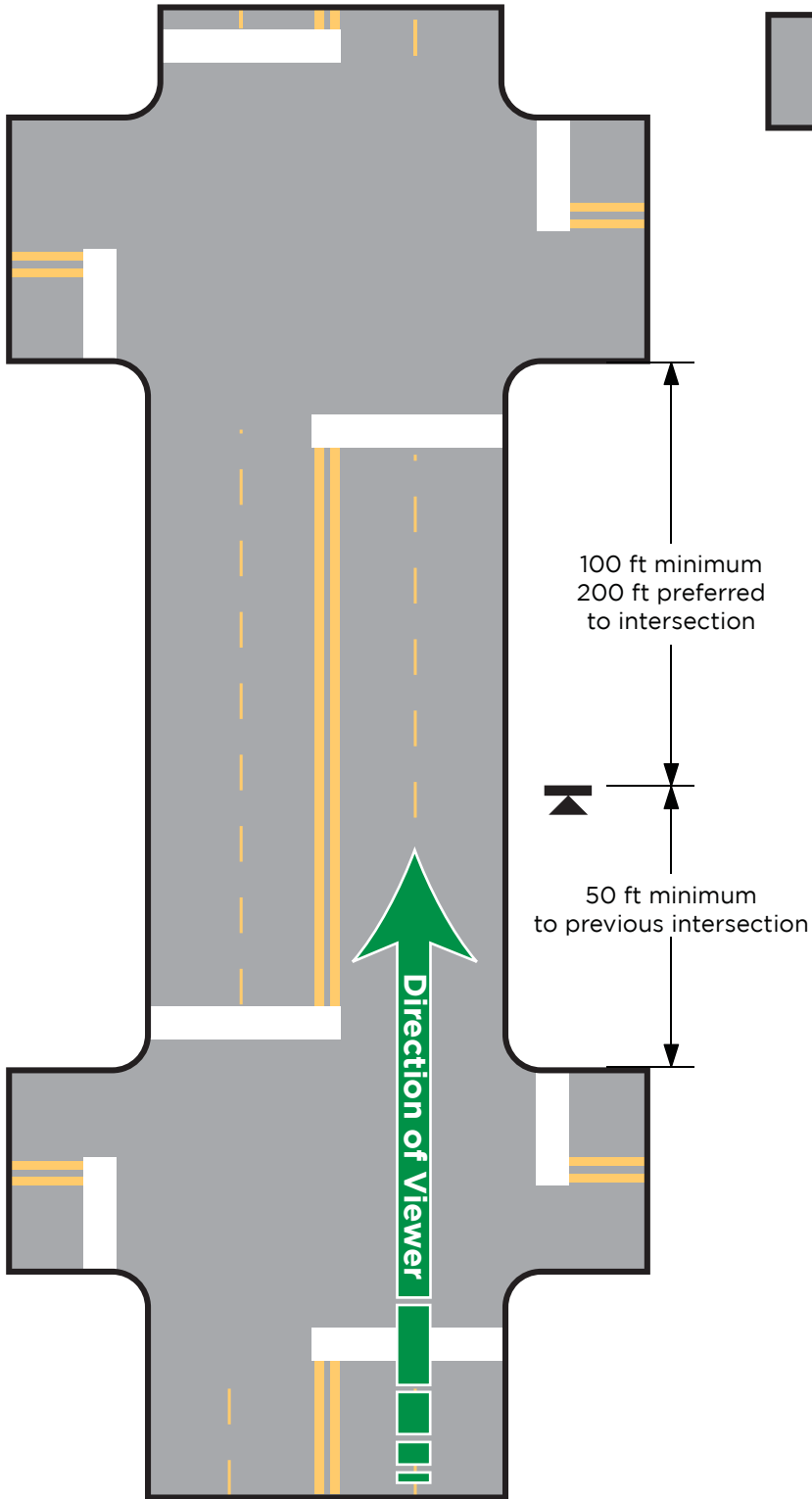


Figure 2
Sign Type A and B
Vehicular Directional with turn lane

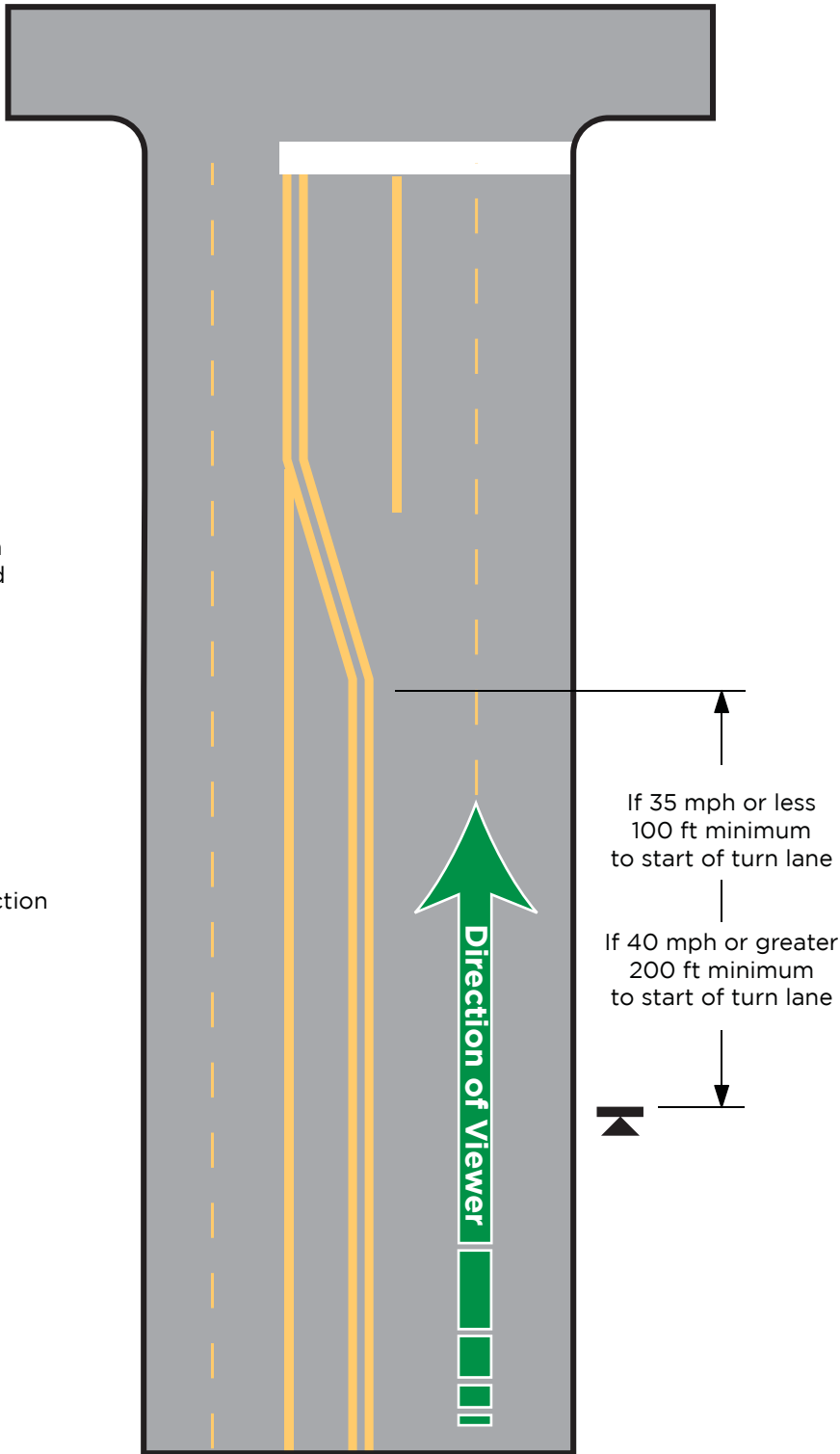
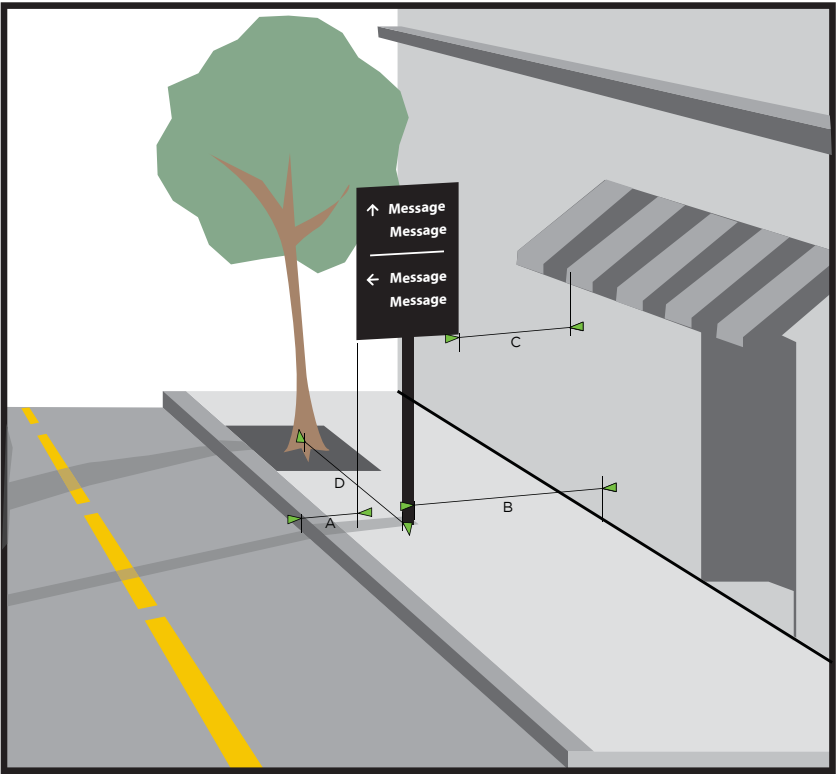


Figure 3
All Sign Types



Note	Description	Distance Preferred	Distance Minimum
A	Distance from edge of sign panel to edge of curb	24 in	18 in
B	Distance from post to nearest obstruction	4 ft	3 ft
C	Distance from edge of sign to nearest overhead obstruction	4 ft	1 ft
D	Distance from post to utility pole or tree	8 ft	3 ft

Measurements and distances listed in the above figure serve as a guideline and shall not supersede state or municipal codes.

Drawn By:

JMM ☒

SP ☐

ETW ☐

Contact:
Environmental Graphics/Wayfinding
AECOM - Glatting Jackson
407-843-6552
150 N Orange Avenue
Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Message Schedule
City of Cape Girardeau
22097.0

Scale: NTS

Sign Name:	Unit Cost:
Sign Type A — Vehicular Directional Sign	TBD

Description:

Do not attempt to recreate artwork
digital files are available upon request.



Message Schedule

WAYFINDING SYSTEM —
SIGN DETAILS

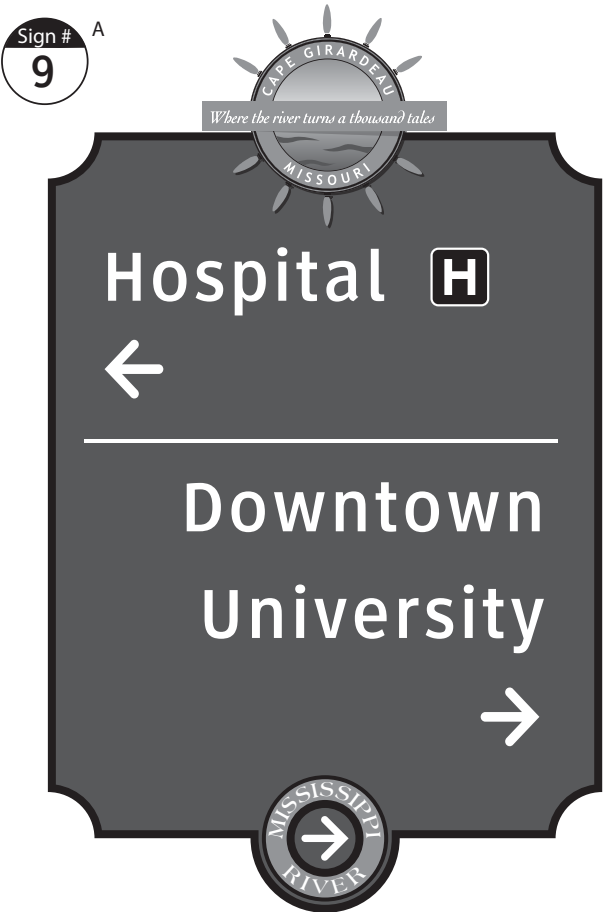
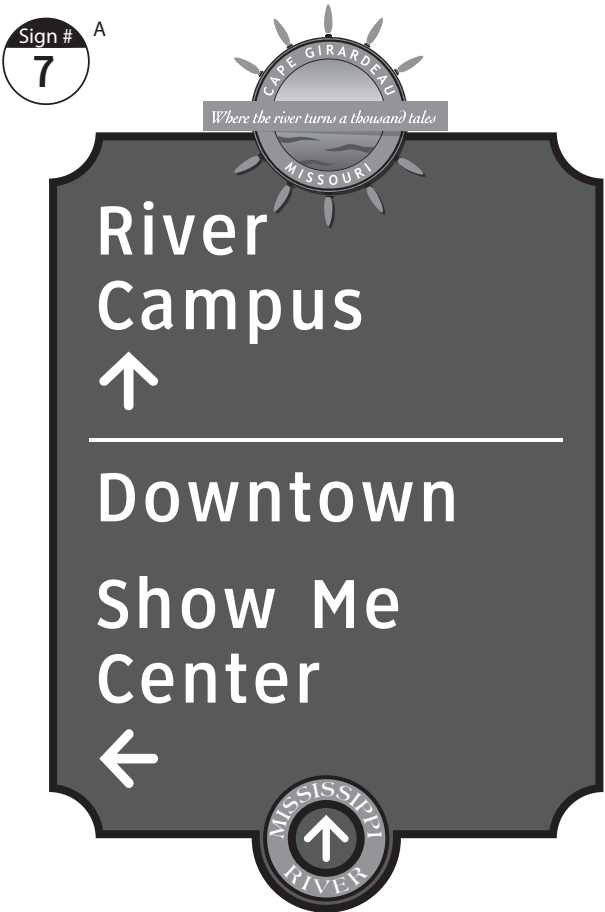
Message Schedule
City of Cape Girardeau
22097.0

Scale: NTS

Sign Name:	Unit Cost:
Sign Type A — Vehicular Directional Sign	TBD

Description:

Do not attempt to recreate artwork
digital files are available upon request.



Message Schedule

Drawn By:	
JMM	☐
ETW	☐
SP	☒
SM	☐
Contact:	
	Environmental Graphics/Wayfinding
	AECOM Glatting Jackson
	407-843-6552
	150 N Orange Avenue, Suite 200
	Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Message Schedule
City of Cape Girardeau
22097.0

Scale: NTS

Sign Name:	Unit Cost:
Sign Type A — Vehicular Directional Sign	TBD

Description:

Do not attempt to recreate artwork
digital files are available upon request.

Sign #^A
13



Drawn By:

- JMM ☐
ETW ☐
SP ☒
SM ☐

Contact:

Environmental Graphics/Wayfinding
AECOM Glatting Jackson
407-843-6552
150 N Orange Avenue, Suite 200
Orlando, Florida 32801

WAYFINDING SYSTEM —
SIGN DETAILS

Message Schedule
City of Cape Girardeau
22097.0

Scale: NTS

Sign Name:	Unit Cost:
Sign Type B — Vehicular Directional Sign	TBD

Description:

Do not attempt to recreate artwork
digital files are available upon request.

Message Schedule

Sign #^B
1

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Library →

MISSISSIPPI RIVER

Sign #^B
2

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Hospital **H**
University
↑
Library ←

MISSISSIPPI RIVER

Sign #^B
3

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Hospital
University
↑
Show Me Center →

MISSISSIPPI RIVER

Sign #^B
4

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Downtown ↑
Historic Sites
River Overlook →

MISSISSIPPI RIVER

Sign #^B
5

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Downtown
University
Show Me Center
↑

MISSISSIPPI RIVER

Sign #^B
6

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Visitors Cntr
↑
Downtown
Historic Sites →

MISSISSIPPI RIVER

Sign #^B
7

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Visitors Cntr
Riverwalk
Historic Sites
↑

MISSISSIPPI RIVER

Sign #^B
8

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Riverwalk
Federal Courthouse
↑
Hospital **H**
←

MISSISSIPPI RIVER

Sign #^B
9

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Downtown
Show Me Center
↑
University
←

MISSISSIPPI RIVER

Sign #^B
10

CAPE GIRARDEAU
MISSOURI

Where the river turns a thousand tales

Downtown
↑
Show Me Center →

MISSISSIPPI RIVER

WAYFINDING SYSTEM —
SIGN DETAILS

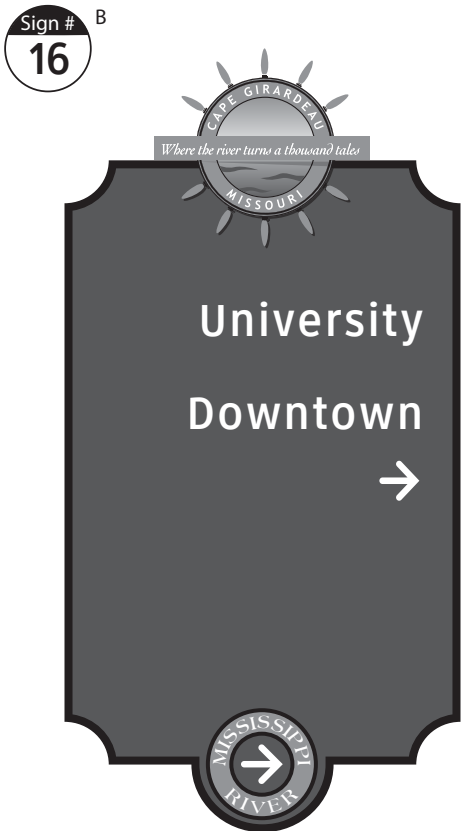
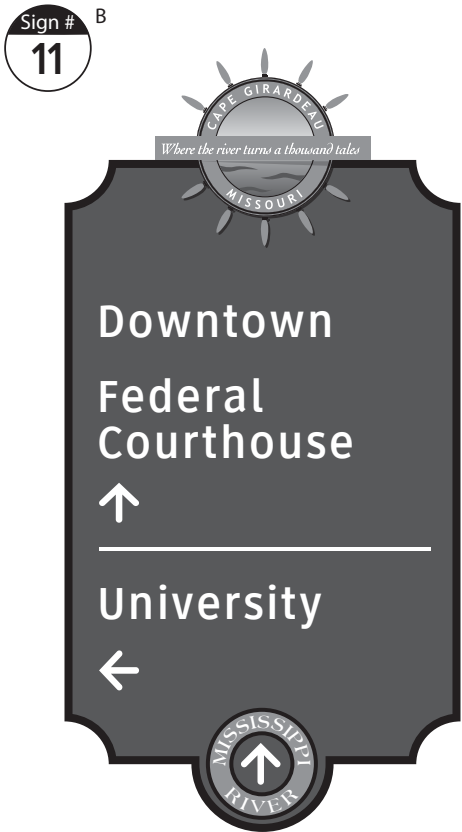
Message Schedule
City of Cape Girardeau
22097.0

Scale: NTS

Sign Name:	Unit Cost:
Sign Type B — Vehicular Directional Sign	TBD

Description:

Do not attempt to recreate artwork
digital files are available upon request.

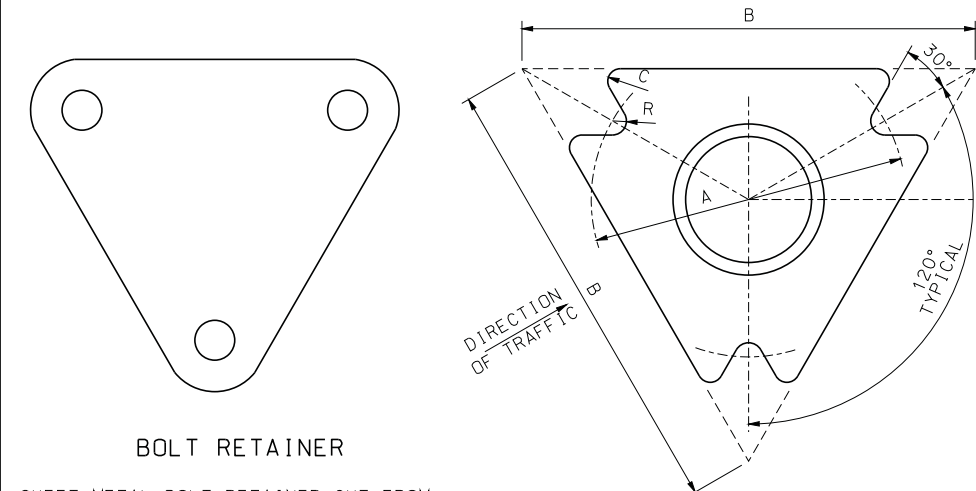


Wayfinding System – Sign Details

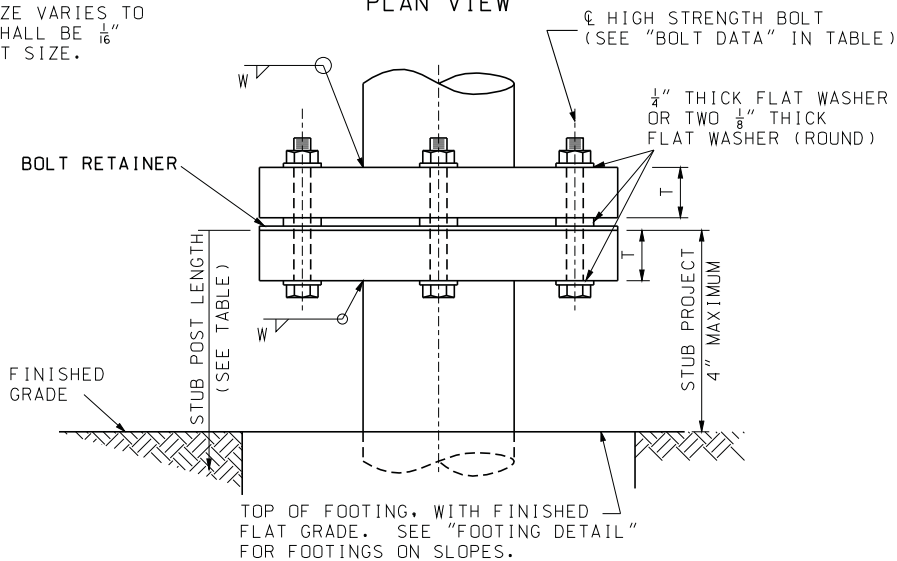
MoDOT Standards
Sign Mounting Details – 903.03BG

ROUND PIPE POST FOR GROUND MOUNTED SIGNS										
NOMINAL PIPE SIZE (IN.)	BOLT DATA			BASE CONNECTION DATA TABLE (IN.)						
	SIZE (IN.)	LENGTH (IN.)	TORQUE IN.-LB	A	B	C	R	T	W	
2 1/2 & 3	1/2	3 1/2	140	6 1/4	9	1/4	9/32	1	1/4	
4	5/8	3 3/4	345	7 3/16	10	1/4	3/8	1	5/16	

ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE (IN.)	WEIGHT		STUB LENGTH	FOOTING		CONCRETE C.Y.
	LBS/FT	LBS/IN		DIA.	DEPTH	
2 1/2	5.79	0.48	4' - 3 1/2"	12"	4'-6"	0.13
3	7.58	0.63	4' - 3 1/2"	12"	4'-6"	0.13
4	10.79	0.90	5' - 3 1/2"	18"	5'-6"	0.36

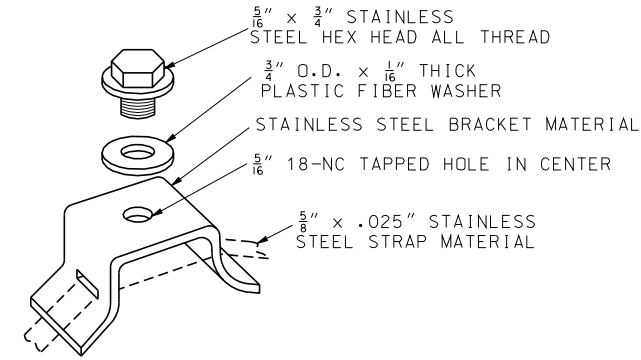
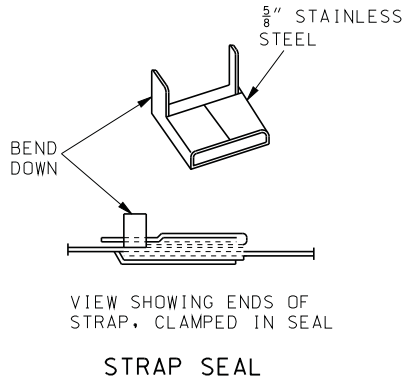


SHEET METAL BOLT RETAINER CUT FROM 30 GAUGE GALVANIZED SHEET METAL. PLACE BETWEEN BASE PLATES. SIZE VARIES TO FIT PLATE. BOLT HOLES SHALL BE 1/16" LARGER THAN REQUIRED BOLT SIZE.

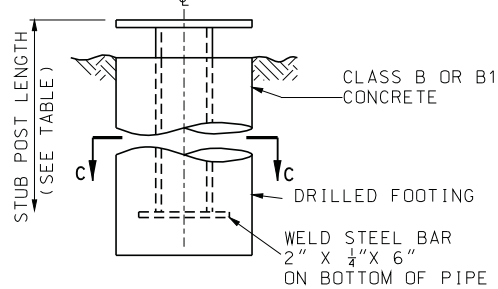
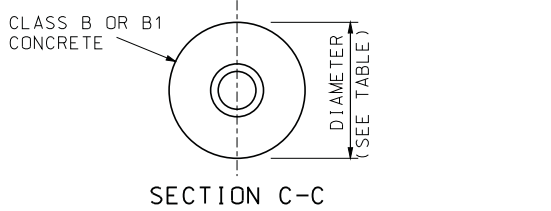


ELEVATION
(STEEL PIPE POST BASE CONNECTION)
MULTI-DIRECTION SLIP BASE

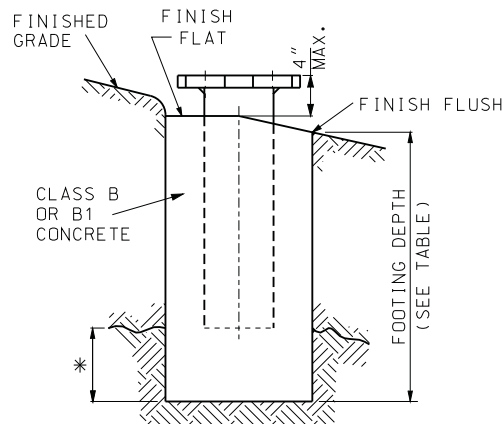
* PIPE 3" DIA. AND UNDER:
2' MAXIMUM IN ROCK,
PIPE OVER 3" DIA.:
3' MAXIMUM IN ROCK



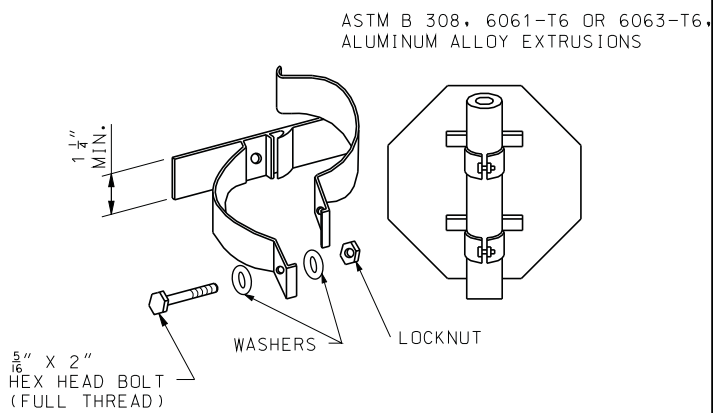
FLARED LEG SIGN BRACKET



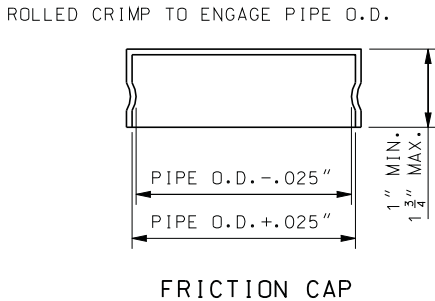
FOUNDATION DETAIL
SLIP BASE ASSEMBLIES



FOOTING DETAIL



STAINLESS STEEL HARDWARE
CLAMP TYPE SIGN SUPPORTS
FOR PIPE POST



FRICITION CAP

GENERAL NOTE:
REFER TO THE GENERAL NOTES ON SHEET 1.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

SIGN MOUNTING DETAILS
POST FOR SIGNS
30 SQUARE FEET
OR SMALLER

DATE EFFECTIVE: 06/01/2009
DATE PREPARED: 4/20/2009

903.03BG

SHEET NO.
4 OF 11