SECTION D:
VEHICULAR WAYFINDING

DR10 SERIES  SINGLE POST VEHICULAR DIRECTIONAL
DR20 SERIES  SINGLE POST DIRECTIONAL: PARKING ONLY
DR30 SERIES  DOUBLE POST DIRECTIONAL
DR40 SERIES  DOUBLE POST DIRECTIONAL: PARKING ONLY
DR50 SERIES  DOUBLE POST DIRECTIONAL WIDE
DR60 SERIES  DOUBLE POST DIRECTIONAL WIDE: PARKING ONLY
DR70 SERIES  PARKING TRAILBLAZER
DR80 SERIES  HIGHWAY TRAILBLAZER

Some vehicular wayfinding signs were implemented prior to the completion of this Universitywide Standard. These signs have been documented and are represented in this section. There are some vehicular wayfinding signs that are unique to the Health Science campus and can be found in Section J of this manual.
DR10 Series Overview

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and/or Department of Facilities, Planning and Development.

Sign Selection Process

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability. DR10 series is used primarily in urban environments where space is limited.

B. Determine the number of messages and parking messages you require.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic don’ts to ensure proper selection.

DR10 SERIES:

<table>
<thead>
<tr>
<th></th>
<th>1 MSG</th>
<th>2 MSG</th>
<th>3 MSG</th>
<th>4 MSG</th>
<th>1 MSG + 1 PARK</th>
<th>2 MSG + 1 PARK</th>
<th>3 MSG + 1 PARK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ARROW</td>
<td>DR11</td>
<td>DR12</td>
<td>DR13</td>
<td>X</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2 ARROW</td>
<td>N/A</td>
<td>DR13</td>
<td>DR15</td>
<td>DR15</td>
<td>DR12</td>
<td>DR14</td>
<td>DR14</td>
</tr>
<tr>
<td>3 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>DR15</td>
<td>N/A</td>
<td>N/A</td>
<td>DR14</td>
<td>X</td>
</tr>
</tbody>
</table>

Questions? Please contact xxxxx
Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. Mask and paint Rutgers band including top and sides, P1. Mask and paint reveal including sides, P4.

D FP_1

E FP_2

F Structural Angle

G FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
Specifications

H Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. Mask and paint Rutgers band including top and sides, P1. Mask and paint reveal including sides, P4.

D FP_1

E FP_2

F Structural Angle

G FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, expansion joint to expansion joint, pour footer below sidewalk and re-pour sidewalk square.

J Expansion Joint
To accommodate concrete expansion and contraction.

K Sand
Compacted sand for condensation drainage per engineering requirements.

L Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.

*See post extrusion spec. information on Parts sheet.

M Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.

Partial Horizontal Section

Vertical Section: Concrete Footer
at concrete sidewalk condition

Vertical Section: Concrete Footer
at earth / grass condition
**GRAPHIC DONT’S**

- Up to **Three Line Message**
- Two Line Message
- 1-Line Secondary Msg.

- No more than **ONE** message per sign.
- Parking messages **are NOT allowed** on a dark grey background.
- Only **ONE** arrow direction per panel.
- Do **NOT** rearrange panel order.
- Bottom of Panel **MUST** be at least **90°** above grade.

---

**Specifications**

**A** RU Logotype.png
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

**B** Arrow Symbol.png
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

**C** Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

**D** Secondary Copy
2 1/4” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
### Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not re-arrange panel order. Rutgers header is always at the top, parking panel is always at the bottom. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

### Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

### PART COUNTS

#### CONFIGURATION 1:

<table>
<thead>
<tr>
<th></th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>POST CAP</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>SIGN POST</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>PNL.2</td>
<td>1</td>
</tr>
<tr>
<td>D</td>
<td>FP_1</td>
<td>1</td>
</tr>
<tr>
<td>E</td>
<td>FP_3</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>ST. ANGLE</td>
<td>1</td>
</tr>
<tr>
<td>G</td>
<td>FP_S</td>
<td>2</td>
</tr>
</tbody>
</table>

#### CONFIGURATION 2:

<table>
<thead>
<tr>
<th></th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>POST CAP</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>SIGN POST</td>
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</tr>
<tr>
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<td>PNL.2</td>
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<td>FP_3</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>ST. ANGLE</td>
<td>1</td>
</tr>
<tr>
<td>G</td>
<td>FP_S</td>
<td>2</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

For specification and ordering purposes, contact EMS Delaware;

231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

**A** Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: **P4**.

**B** Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: **P4**.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.*

**C** PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: **P2**. Mask and paint Rutgers band including top and sides, **P1**. Mask and paint reveal including sides, **P4**.

**D** FP_1
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**.

**E** FP_3
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**.

**F** Structural Angle
1/4” thk. Painted aluminum L-angle, attached to back of sign panel, w/ hi-bond adhesive, and mechanically fastened to sign post. Paint all sides: **P4**. Paint fasteners heads to match: **P4**.

**G** FP_S
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**.

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For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re-pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.2

D FP_1

E FP_3

F Structural Angle

G FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**H** Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**I** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, expansion joint to expansion joint, pour footer below sidewalk and re pour sidewalk square.

**J** Expansion Joint
To accommodate concrete expansion and contraction.

**K** Sand
Compacted sand for condensation drainage per engineering requirements.

**L** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**M** Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.

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**PARTS ELEVATION DETAIL GRAPHIC LAYOUT**

**SECTION D: VEHICULAR WAYFINDING**

**DETAIL**

4" above finished grade
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D Copy
3" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
No more than THREE messages per sign.

Parking messages are NOT allowed on a dark grey background.

Only ONE arrow direction per panel.

Do NOT rearrange panel order.

Bottom of Panel MUST be at least 90° above grade.
### Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

### Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

### Configuration

**Configuration 1**

- Full length filler panels are used for single sided signs only (not shown)
- Structural attachment angle (not shown)
- Stop panel below grade line (not shown)

**Configuration 2**

- 90°

### Part Counts

<table>
<thead>
<tr>
<th>PART COUNTERS</th>
<th>CONFIGURATION 1:</th>
<th>CONFIGURATION 2:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SINGLE SIDED</td>
<td>DOUBLE SIDED</td>
</tr>
<tr>
<td>A POST CAP</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>C PNL.3</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>D FP.1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>E FP.4</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>F ST. ANGLE</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>G FP.S</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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Toll Free: 800-863-1496
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Fax: 302-391-1371

Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

A. Post Cap

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C. PNL_3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D. FP_1

E. FP_4

F. Structural Angle

G. FP_5

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.

DR13: Configuration 1
3/8" = 1'-0"

DR13: Configuration 2
3/8" = 1'-0"
Specifications

H Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be Below grade and landscaping, by others, where necessary.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8" thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.*

C PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P2.
Mask and paint Rutgers band including top and sides, P1.
Mask and paint reveal including sides, P4.

D FP_1
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

E FP_4
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

F Structural Angle
1/4" thk. Painted aluminum L-angle, attached to back of sign panel, w/ hi-bond adhesive, and mechanically fastened to sign post.
Paint all sides: P4.
Paint fasteners heads to match: P4.

G FP_S
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**H** Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**I** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, expansion joint to expansion joint, pour footer below sidewalk and re pour sidewalk square.

**J** Expansion Joint
To accommodate concrete expansion and contraction.

**K** Sand
Compacted sand for condensation drainage per engineering requirements.

**L** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**M** Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.

---

**Plan Elevation at Sidewalk**

**Partial Horizontal Section**

**Vertical Section: Concrete Footer**

- **at concrete sidewalk condition**
- **at earth / grass condition**

---

**Panel Detail**

- **G**
- **B**
- **L**
- **C**
- **M**
- **J**
- **I**
- **H**

---

**PARTS ELEVATION DETAIL**

**SECTION D: VEHICULAR WAYFINDING**

---

**2D.23**
Specifications

A RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

- **Secondary Copy**
  - 2 1/4" X-cap Height.
  - Type: T1.
  - Tracking: +50.
  - Apply to front surface of panel.

---

**GRAPHIC DONT’S**

- No more than **THREE** messages per sign.
- No more than **THREE** lines per message.
- Only **ONE** arrow direction per panel.
- Do **NOT** rearrange panel order.
- Parking messages are **NOT** allowed on a dark grey background.
- Bottom of Panel **MUST** be at least 90° above grade.
Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
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- The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

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Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

**A Post Cap**

**B Sign Post**
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.*

**C PNL.4**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.*

**D FP_1**

**E FP_5**

**F Structural Angle**

**G FP_5**

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
See post extrusion spec. information on Parts sheet.

C PNL.4
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2.
Mask and paint Rutgers band including top and sides, P1.
Mask and paint reveal including sides, P4.

D FP_1

E FP_5

F Structural Angle
1/4” thk. Painted aluminum L-angle, attached to back of sign panel, w/ hi-bond adhesive, and mechanically fastened to sign post. Paint all sides: P4.
Paint fasteners heads to match: P4.

G FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
### Specifications

**H. Concrete Footer / Pad**
- Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**I. Concrete Sidewalk**
- If sign is located at sidewalk, remove sidewalk square, expansion joint to expansion joint, pour footer below sidewalk and re pour sidewalk square.

**J. Expansion Joint**
- To accommodate concrete expansion and contraction.

**K. Sand**
- Compacted sand for condensation drainage per engineering requirements.

**L. Attachment Bracket**
- Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
- *See post extrusion spec. information on Parts sheet.

**M. Sign Panel Plate**
- 1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

**A RU_Logotype.epn**
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

**B Copy**
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

**C Arrow_Symbol.epn**
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

**D Copy**
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**DR10-_PNL.4- Variation**

1/2" = 1'-0"

Multiple lots may be directed to if they are located on the same street.

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**Specifications**

**E Copy**

- 3" X-cap Height.
- Type: T1.
- Tracking: +50.
- Apply to front surface of panel.

**F Parking_Symbol.eps**

- 4" Diameter.
- Artwork provided by client.
- Apply to front surface of panel.
- Background: V3.

**G Arrow_Symbol.eps**

- 4" Height.
- Artwork provided by client.
- Apply to front surface of panel.
- Rotate arrow from object center-point.

**H Secondary Copy**

- 2 1/4" X-cap Height.
- Type: T1.
- Tracking: +50.
- Apply to front surface of panel.

---

**No more than FOUR messages per sign.**

**No more than THREE lines per message.**

**Parking messages are NOT allowed on a dark grey background.**

**Only ONE arrow direction per panel.**

**Do NOT rearrange panel order.**

**Bottom of Panel must be at 90° above grade.**

---

**SECTION D: VEHICULAR WAYFINDING**
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Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

PART COUNTS

<table>
<thead>
<tr>
<th>PARTS</th>
<th>CONFIGURATIONS</th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A POST CAP</td>
<td>1</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>1</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>C PNL.5</td>
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<td>N/A</td>
<td></td>
</tr>
<tr>
<td>D FP.1</td>
<td>1</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>E FP.6</td>
<td>1</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>F ST. ANGLE</td>
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<td>N/A</td>
<td></td>
</tr>
<tr>
<td>G FP.5</td>
<td>2</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

For specification and ordering purposes, contact EMS Delaware;

231 Executive Drive Suite 11
Newark, DE 19702 USA

Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
DR15
SINGLE POST DIRECTIONAL

Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.5
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1

E FP_6

F Structural Angle
1/4” thk. Painted aluminum L-angle, attached to back of sign panel, w/ hi-bond adhesive, and mechanically fastened to sign post. Paint all sides: P4.
Paint fasteners heads to match: P4.


For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be Below grade and landscaping, by others, where necessary.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A. Post Cap

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C. PNL.5
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. Mask and paint Rutgers band including top and sides, P1. Mask and paint reveal including sides, P4.

D. FP_1

E. FP_6

F. Structural Angle

G. FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
SECTION D: VEHICULAR WAYFINDING

**Specifications**

**H** Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**I** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, expansion joint to expansion joint, pour footer below sidewalk and re pour sidewalk square.

**J** Expansion Joint
To accommodate concrete expansion and contraction.

**K** Sand
Compacted sand for condensation drainage per engineering requirements.

**L** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate. *See post extrusion spec. information on Parts sheet.

**M** Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A. **RU_Logotype.eps**
   - 11/2” T-cap height.
   - Artwork provided by client.
   - Apply to front surface of panel.

B. **Copy**
   - 3” X-cap Height.
   - Type: T1.
   - Tracking: +50.
   - Apply to front surface of panel.

C. **Arrow_Symbol.eps**
   - 4” Height.
   - Artwork provided by client.
   - Apply to front surface of panel.
   - Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
No more than **FOUR** messages per sign.
Do **NOT** rearrange panel order.
Bottom of Panel MUST be at 90° above grade.

**Specifications**

- **Primary Copy**
  - 2 1/4" X-cap Height.
  - Type: **T1**.
  - Tracking: +50.
  - Apply to front surface of panel.
  - Applied Vinyl: **V1**.

- **Secondary Copy**
  - 1/2" = 1'-0"
DR20 Series Overview

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development.

Sign Selection Process

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability. DR20 series is used primarily in urban environments where space is limited.

B. Determine the number of parking messages you require.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic dont’s to ensure proper selection.

### DR20 SERIES:

<table>
<thead>
<tr>
<th></th>
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<th>3 PARK</th>
</tr>
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<tbody>
<tr>
<td>1 ARROW</td>
<td>DR21</td>
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<td>N/A</td>
</tr>
<tr>
<td>2 ARROW</td>
<td>N/A</td>
<td>DR22</td>
<td>N/A</td>
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<tr>
<td>3 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>DR23</td>
</tr>
</tbody>
</table>

Questions? Please contact xxxxx
**Guidelines**

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don'ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

---

**PARTS**

**ELEVATION**

**DETAIL**

**GRAPHIC LAYOUT**

**SINGLE POST: PARKING ONLY**

**PART COUNTS**

**CONFIGURATION 1:**

<table>
<thead>
<tr>
<th>PART</th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A POST CAP</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>C PNL.1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>D FP_1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>E FP_2</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>F ST. ANGLE</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>G FP_S</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware:
  
  231 Executive Drive Suite 11
  Newark, DE 19702 USA
  
  Toll Free: 800-863-1496
  Local Phone: 302-391-1370
  Fax: 302-391-1371
  
  Website: www.EasternMetal.com
  Email: info@easternmetal.com
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E FP_2

F Structural Angle

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G  FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

H  Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

I  Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

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Specifications

**A Post Cap**
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

**B Sign Post**
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.*

**C PNL.1**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.*

**D FP_1**

**E FP_2**

**F Structural Angle**

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re-pour sidewalk square.

J Expansion Joint
To accommodate concrete expansion and contraction.

K Sand
Compacted sand for condensation drainage per engineering requirements.

L Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.

M Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
No more than **ONE** address line.

Only **ONE** arrow direction per panel.

Do **NOT** rearrange panel order.

Panels must **MATCH** the 27” baseline.

For typography, finish/material and symbol specifications refer to **Manual Part 2, Section A: Graphic Standards**.
### Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don'ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

### Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

### Configuration 1

<table>
<thead>
<tr>
<th>Configuration</th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
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<tr>
<td>A POST CAP</td>
<td>1</td>
<td>N/A</td>
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<tr>
<td>B SIGN POST</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>C PNL.1</td>
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<td>N/A</td>
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<tr>
<td>D FP_1</td>
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<tr>
<td>E FP_2</td>
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</tr>
<tr>
<td>F ST. ANGLE</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>G FP_S</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E FP_2

F Structural Angle

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
Specifications

G. FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

H. Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

I. Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

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Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

G FP_3

H FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**I. Concrete Footer / Pad**
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**J. Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**K. Expansion Joint**
To accommodate concrete expansion and contraction.

**L. Sand**
Compacted sand for condensation drainage per engineering requirements.

**M. Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**N. Sign Panel Plate**
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A. RU_Logotype.eps
1 1/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B. Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C. Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D. Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V3.
Rotate arrow from object center-point.

E. Copy
3" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Guidelines**

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only.
- Use where space availability is limited (urban environments).
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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### PART COUNTS

<table>
<thead>
<tr>
<th>CONFIGURATION 1:</th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
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<tr>
<td>A POST CAP</td>
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<tr>
<td>B SIGN POST</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>C PNL.1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>D FP.1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>E FP.2</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>F ST. ANGLE</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>G FP.S</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

For specification and ordering purposes, contact EMS Delaware:

231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

A. Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C. PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D. FP_1

E. PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

F. FP_2

G. FP_3

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G FP_S
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

H Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A  Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B  Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C  PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D  FP_1

E  PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F  FP_2

G  FP_3

H  FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**I Concrete Footer / Pad**
Minimum 3'-0" d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**J Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**K Expansion Joint**
To accommodate concrete expansion and contraction.

**L Sand**
Compacted sand for condensation drainage per engineering requirements.

**M Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.

*See post extrusion spec. information on Parts sheet.*

**N Sign Panel Plate**
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

**A** RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

**B** Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

**C** Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

**D** Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V3.
Rotate arrow from object center-point.

**E** Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
DR30 Series Overview

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and/or Department of Facilities, Planning and Development.

Sign Selection Process

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability.

B. Determine the number of messages and parking messages you require.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic don’ts to ensure proper selection.

<table>
<thead>
<tr>
<th>1 MSG</th>
<th>2 MSG</th>
<th>3 MSG</th>
<th>4 MSG</th>
<th>1 MSG + 1 PARK</th>
<th>2 MSG + 1 PARK</th>
<th>3 MSG + 1 PARK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ARROW</td>
<td>DR31 Config. 1</td>
<td>DR32 Config. 2</td>
<td>DR33 Config. 1</td>
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<td>N/A</td>
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<tr>
<td>2 ARROW</td>
<td>N/A</td>
<td>DR33 Config. 2</td>
<td>DR35 Config. 1A/1B</td>
<td>DR35 Config. 1A/1B</td>
<td>DR32 Config. 1</td>
<td>DR34 Config. 1</td>
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Questions? Please contact xxxxx
Guidelines
- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints
- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

Configuration 1

- Full length filler panels are used for single sided signs only. (not shown)
- Stop panel below grade line. (not shown)

PART COUNTS

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<th>CONFIGURATION 1:</th>
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<th>DOUBLE SIDED</th>
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<td>B SIGN POST</td>
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</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

For specification and ordering purposes, contact EMS Delaware:
231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com

Questions? Please contact xxxxx

PARTS
ELEVATION DETAIL
GRAPHIC LAYOUT

SECTION D: VEHICULAR WAYFINDING

2D.65
DR31 Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

F FP_2

G FP_3

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H  FP_S
  1/8” thk. Painted aluminum filler panel.
  Paint all sides: P1.

I  Concrete Footer / Pad
  Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J  Concrete Sidewalk
  If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

G FP_3

H FP_S

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

I Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

K Expansion Joint
To accommodate concrete expansion and contraction.

L Sand
Compacted sand for condensation drainage per engineering requirements.

M Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.

N Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
1 1/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V3.
Rotate arrow from object center-point.

E Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

F Secondary Copy
2 1/2” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Guidelines

• Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.

• Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.

• Different configurations may be used on either side.

• Use as a single or double sided sign. Message standards apply to both sides. Different configurations may be used on either side.

• Do not re-arrange panel order. Rutgers header is always at the top and parking panel is always at the bottom. See graphic layout page for graphic don’ts.

• One arrow direction per panel.

• One arrow to be used for multiple messages listed in the same direction.

• Arrow order should be as follows: Up (Straight), Left, Right.

• Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints

• Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.

• Use only standard and approved nomenclature and abbreviations.

• Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.

• Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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toll free: 800-863-1496
local phone: 302-391-1370
fax: 302-391-1371

Website: www.EasternMetal.com
Email: info@easternmetal.com

Questions? Please contact xxxxx
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2.
*Use one panel only for single sided sign.

F PNL.6
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

G FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**H PNL.3**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: **P3**
*Use one panel only for single sided sign.*

**I FP_4**
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**
*Use only for single sided signs.*

**J FP_S**
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**

**K Concrete Footer / Pad**
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**L Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

F PNL.6
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

G FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**H PNL.3**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2
* Use one panel only for single sided sign.

**I FP.4**
* Use only for single sided signs.

**J FP.S**

**K Concrete Footer / Pad**
Minimum 3’-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**L Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**M Expansion Joint**
To accommodate concrete expansion and contraction.

**N Sand**
Compacted sand for condensation drainage per engineering requirements.

**O Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
* See post extrusion spec. information on Parts sheet.

**P Sign Panel Plate**
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

E Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

F Parking Symbol.eps
4” dia.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl - P-symbol: V1.
Background: V2.

G Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Two Line Message**

1-Line Secondary Msg.

**Up to Two Line Message**

PNL.2- Variation (max. message)

1/2" = 1'-0"

Use where Emergency or Ambulance destination is used.

**Up to Three Line Message**

PNL.3- Variation (max. message)

1/2" = 1'-0"

**Up to Three Line Secondary Message**

PNL.3- Variation (max. message)

1/2" = 1'-0"

**Do Not Enter**

Up to Three Line Secondary Message

PNL.3- Variation

3/4" = 1'-0"

**DoNotEnter_Symbol.eps**

4" Diameter.


**Arrow_Symbol.eps**

4" Height. Artwork provided by client. Apply to front surface of panel. Rotate Vinyl: V3. Apply to front surface of panel.

**Secondary Copy**


**Secondary Copy**


**Specifications**

- **H** Arrow_Symbol.eps
  - 4" Height.
  - Artwork provided by client.
  - Apply to front surface of panel.
  - Rotate arrow around object center-point.

- **J** DoNotEnter_Symbol.eps
  - 4" Diameter.
  - Artwork provided by client.
  - Apply to front surface of panel.
  - Background: V3.

- **K** Secondary Copy
  - 2 1/2" X-cap Height.
  - Type: T1.
  - Tracking: +50.
  - Apply to front surface of panel.

- **L** Secondary Copy
  - 2 1/4" X-cap Height.
  - Type: T1.
  - Tracking: +50.
  - Apply to front surface of panel.

**GRAPHIC LAYOUTS**

- No more than THREE messages per sign.
- No more than THREE lines per message.
- Parking messages are NOT allowed on a dark grey background.
- Only ONE arrow direction per panel.
- Do NOT rearrange panel order.
- Bottom of Panel MUST match 27" baseline.

**GRAPHIC DONT’S**
This Page Intentionally Left Blank
**Guidelines**

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Different configurations may be used on either side.
- Use as a single or double sided sign. Message standards apply to both sides. Different configurations may be used on either side.
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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**PART COUNTS**

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Website: www.EasternMetal.com
Email: info@easternmetal.com

---

Questions? Please contact xxxxx
DR33
DOUBLE POST DIRECTIONAL

Specifications

A. Post Cap

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C. PNL1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D. FP_1

E. PNL3
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P2.
*Use one panel only for single sided sign.

F. PNL2
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

G. FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H FP_5
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

I FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

J Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

K Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

F PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

G FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**H FP_S**
- 1/8” thk. Painted aluminum filler panel.
- Paint all sides: P1.
- Use only for single sided signs.

**I FP_S**
- 1/8” thk. Painted aluminum filler panel.
- Paint all sides: P1.

**J Concrete Footer / Pad**
- Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**K Concrete Sidewalk**
- If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

**L Expansion Joint**
- To accommodate concrete expansion and contraction.

**M Sand**
- Compacted sand for condensation drainage per engineering requirements.

**N Attachment Bracket**
- Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
- Use only for single sided signs.

**O Sign Panel Plate**
- 1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
**Up to Two Line Message**

1-Line Secondary Msg.

PNL.2- Variation (max. message)

1/2” = 1'-0”

Use where Emergency or Ambulance destination is used.

**Up to Three Line Message**

Up to Two Line Secondary Message

Up to Two Line Message

PNL.4- Variation (max. message)

1/2” = 1'-0”

**Specifications**

**D** Arrow_Symbol.eps

4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V3.
Rotate arrow around object center-point.

**E** Copy

3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

**F** Secondary Copy

2 1/2” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

**G** Secondary Copy

2 1/4” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

---

**SECTION D: VEHICULAR WAYFINDING**

**GRAPHIC DONT’S**

- No more than THREE messages per sign.
- No more than THREE lines per message.
- Only ONE arrow direction per panel.
- Parking messages are NOT allowed on a dark grey background.
- Do NOT rearrange panel order.
- Bottom of Panel MUST match 27” baseline.

---

**GRAPHIC LAYOUTS**

- **PARTS**
- **ELEVATION**
- **DETAIL**
- **GRAPHIC LAYOUT**
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Configuration 1  
Configuration 2

1. Full length filler panels are used for single side signs only. (not shown)
2. Stop panel below grade line. (not shown)

PART COUNTS

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<thead>
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<th>CONFIGURATION 1</th>
<th></th>
<th>CONFIGURATION 2:</th>
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<td>A POST CAP</td>
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<td>2</td>
</tr>
<tr>
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<td>2</td>
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<tr>
<td>I FP.5</td>
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</tr>
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</table>

Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Different configurations may be used on either side.
- Use as a single or double sided. Message standards apply to both sides. Different configurations may be used on either side.
- Do not re-arrange panel order. Rutgers header is always at the top and parking panel is always at the bottom. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

For specification and ordering purposes, contact EMS Delaware:
231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP.1

E PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2.
*Use one panel only for single sided sign.

F PNL.6
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: \textbf{P3}.
*Use one panel only for single sided sign.

H FP_2
1/8” thk. Painted aluminum filler panel. Paint all sides: \textbf{P1}.

I FP_6
1/8” thk. Painted aluminum filler panel. Paint all sides: \textbf{P1}.
*Use only for single sided signs.

J FP_S
1/8” thk. Painted aluminum filler panel. Paint all sides: \textbf{P1}.

K Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

L Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A. Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
Paint all sides: P4.

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C. PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P1.
*Use one panel only for single sided sign.

D. FP_1
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

E. PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P2.
*Use one panel only for single sided sign.

F. PNL.6
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P3.
*Use one panel only for single sided sign.

G. FP_2
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

Component Parts / Assembly

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**H** PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2.
*Use one panel only for single sided sign.*

**I** FP_4
*Use only for single sided signs.*

**J** FP_S

**K** Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**L** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**M** Expansion Joint
To accommodate concrete expansion and contraction.

**N** Sand
Compacted sand for condensation drainage per engineering requirements.

**O** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**P** Sign Panel Plate
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client. Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client. Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D Copy
3" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

E Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

F Parking Symbol.eps
4" dia.
Artwork provided by client. Apply to front surface of panel.
Background: V2.

G Arrow_Symbol.eps
4" Height.
Artwork provided by client. Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Road Name
Lot 1, 2, 3

Up to Two Line Message
1-Line Secondary Msg.

PNL.2- Variation (max. message)
1/2" = 1'-0"

Up to Two Line Message

PNL.2- Variation
1/2" = 1'-0"

Up to Two Line Message

PNL.4- Variation (max. message)
1/2" = 1'-0"

Road Name
Lot ID
Address

Lot/Parking

Up to Three Line Message

DR30_PNL.6- Variation
3/4" = 1'-0"

Parking messages are NOT allowed on a dark grey background.

Multiple lots may be directed to if they are located on the same street.

No more than FOUR messages per sign.
No more than THREE lines per message.

DR30_PNL.6- Variation
3/4" = 1'-0"

No more than FOUR messages per sign.
No more than THREE lines per message.

Parking messages are NOT allowed on a dark grey background.

Multiple lots may be directed to if they are located on the same street.

No more than FOUR messages per sign.
No more than THREE lines per message.

Parking messages are NOT allowed on a dark grey background.

Multiple lots may be directed to if they are located on the same street.

No more than FOUR messages per sign.
No more than THREE lines per message.

Parking messages are NOT allowed on a dark grey background.

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Multiple lots may be directed to if they are located on the same street.

No more than FOUR messages per sign.
No more than THREE lines per message.

Parking messages are NOT allowed on a dark grey background.
**Guidelines**

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Different configurations may be used on either side.
- Use as a single or double sided. Message standards apply to both sides. Different configurations may be used on either side.
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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**SECTION D: VEHICULAR WAYFINDING**

**PART COUNTS**

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</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware;
  231 Executive Drive Suite 11
  Newark, DE 19702 USA
  Toll Free: 800-863-1496
  Local Phone: 302-391-1370
  Fax: 302-391-1371
  Website: www.EasternMetal.com
  Email: info@easternmetal.com
DR35: Configuration 1a, 1b, 2, 3
1/2" = 1'-0"
Plan Elevation-
Single side Sign
(double side panels shown dashed)

DR35: Configuration 1a
1/2" = 1'-0"
Up to Three Line Message
Up to Two Line Message
Up to Two Line Message

DR35: Configuration 1b
1/2" = 1'-0"
Up to Three Line Message
Up to Two Line Message
Up to Two Line Message

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
specifications

h PNL.5
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. 
*Use one panel only for single sided sign.

i FP_7
*Use only for single sided signs.

j FP_S

k Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

l Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P2.
*Use one panel only for single sided sign.

F PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P3.
*Use one panel only for single sided sign.

G FP_2
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**H: PNL.5**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2
*Use one panel only for single sided sign.*

**I: FP_7**
*Use only for single sided signs.*

**J: FP_S**

**K: Concrete Footer / Pad**
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**L: Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**M: Expansion Joint**
To accommodate concrete expansion and contraction.

**N: Sand**
Compacted sand for condensation drainage per engineering requirements.

**O: Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**P: Sign Panel Plate**
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**D Arrow_Symbol.eps**
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V3.
Rotate arrow around object center-point.

**I Copy**
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V3.

**F Secondary Copy**
2 1/2” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.
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SUB-SECTION

SECTION D:
DR40 SERIES
DR40 Series Overview

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development.

Sign Selection Process

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability.

B. Determine the number of parking messages you require.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic dont’s to ensure proper selection.

### DR40 SERIES:

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<td>3 ARROW</td>
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Questions? Please contact xxxxx
PART COUNTS

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<th>CONFIGURATION 1:</th>
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</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

For specification and ordering purposes, contact EMS Delaware:
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Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL2
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**H** FP_3
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

**I** FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

**J** Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**K** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
* Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
* Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
Specifications

**G** FP_3

**I** Concrete Footer / Pad
Minimum 3’-0” d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**K** Expansion Joint
To accommodate concrete expansion and contraction.

**L** Sand
Compacted sand for condensation drainage per engineering requirements.

**M** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate. “See post extrusion spec. information on Parts sheet.

**N** Sign Panel Plate
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A. Copy
3" X-cap Height.
Type: **T2**.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: **V2**.

B. Copy
3" X-cap Height.
Type: **T1**.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: **V2**.

C. **Arrow_Symbol.eps**
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: **V2**.
Rotate arrow around object center-point.

D. **Parking_Symbol.eps**
4" Diameter.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: **V2**.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to **Manual Part 2, Section A: Graphic Standards**.

---

**GRAPHIC LAYOUTS**

**GRAPHIC DONT’S**

No more than **ONE** address line.

Only **ONE** arrow direction per panel.

Do **NOT** rearrange panel order.

Panels must MATCH the 27” baseline.

---

**PARTS**

**ELEVATION**

**DETAIL**

**GRAPHIC LAYOUT**
**Guidelines**

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

---

**PARTS**

**ELEVATION & DETAIL**

**GRAPHIC LAYOUT**

**DOUBLE POST: PARKING ONLY**

**SECTION D: VEHICULAR WAYFINDING**

**Configuration 1**

- Full length filler panels are used for single sided signs only. (not shown)
- Stop panel below grade line. (not shown)

**PART COUNTS**

**CONFIGURATION 1:**

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<tr>
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<tr>
<td>H FP_5</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.

For specification and ordering purposes, contact EMS Delaware:

231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-865-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.

*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H FP_4
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
Use only for single sided signs.

I FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

J Concrete Footer / Pad
Minimum 3’-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

K Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

- **G FP_4**: 1/8" thk. Painted aluminum filler panel. Paint all sides: P1. *Use only for single sided signs.*

- **I Concrete Footer / Pad**: Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

- **J Concrete Sidewalk**: If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

- **K Expansion Joint**: To accommodate concrete expansion and contraction.

- **L Sand**: Compacted sand for condensation drainage per engineering requirements.

- **M Attachment Bracket**: Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate. *See post extrusion spec. information on Parts sheet.*

- **N Sign Panel Plate**: 1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

B Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

D Parking_Symbol.eps
4” Diameter.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.

GRAPHIC LAYOUTS

GRAPHIC DONT’S

- No more than ONE address line.
- Only ONE arrow direction per panel.
- Do NOT rearrange panel order.
- Panels must MATCH the 27” baseline.
Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

Questions? Please contact xxxxx

PART COUNTS

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</tr>
<tr>
<td>I FP_S</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

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Toll Free: 800-865-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
**DR43**

**DOUBLE POST: PARKING ONLY**

### Specifications

**A Post Cap**
- 1/8" thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
- Paint all sides: P4.

**B Sign Post**
- Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
- Paint all sides: P4.
- All drilled holes to be weather-proofed for water and environmental considerations.
- *See post extrusion spec. information on Parts sheet.*

**C PNL.1**
- Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
- Paint all sides: P1.
- *Use one panel only for single sided sign.*

**D FP.1**
- 1/8" thk. Painted aluminum filler panel.
- Paint all sides: P1.

**E PNL.2**
- Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
- Paint all sides: P3.
- *Use one panel only for single sided sign.*

**F FP.2**
- 1/8" thk. Painted aluminum filler panel.
- Paint all sides: P1.

---

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
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Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P3.
*Use one panel only for single sided sign.

F FP_2
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
**Specifications**

**G** FP_5  
1/8” thk. Painted aluminum filler panel.  
Paint all sides: P1.  
*Use only for single sided signs.

**I** Concrete Footer / Pad  
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk  
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**K** Expansion Joint  
To accommodate concrete expansion and contraction.

**L** Sand  
Compacted sand for condensation drainage per engineering requirements.

**M** Attachment Bracket  
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.  
*See post extrusion spec. information on Parts sheet.

**N** Sign Panel Plate  
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A **Copy**

3" X-cap Height.
Type: **T2**.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: **V2**.

B **Copy**

3" X-cap Height.
Type: **T1**.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: **V2**.

C **Arrow_Symbol.eps**

4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: **V2**.
Rotate arrow around object center-point.

D **Parking_Symbol.eps**

4" Diameter.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: **V2**.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
DR50 Series Overview

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and/or Department of Facilities, Planning and Development.

Sign Selection Process

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability.

B. Determine the number of messages and parking messages you require.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic don’t’s to ensure proper selection.

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<th>2 MSG</th>
<th>3 MSG</th>
<th>1 MSG + 1 PARK</th>
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<th>3 MSG + 1 PARK</th>
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<td>DR53 Config. 2</td>
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Questions? Please contact xxxxx
Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

Questions? Please contact xxxxx

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Toll Free: 800-863-1496
Local Phone: 302-391-1370
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Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

F PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

G FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H PNL.4
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2
*Use one panel only for single sided sign.

I FP_3
*Use only for single sided signs.

J FP_S

K Concrete Footer / Pad
Minimum 3’-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

L Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.

"See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. “Use one panel only for single sided sign.

D FP.1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. “Use one panel only for single sided sign.

F PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. “Use one panel only for single sided sign.

G FP.2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**H** PNL.4
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2.
*Use one panel only for single sided sign.*

**I** FP_4
*Use only for single sided signs.*

**J** FP_3

**K** Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**L** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**M** Expansion Joint
To accommodate concrete expansion and contraction.

**N** Sand
Compacted sand for condensation drainage per engineering requirements.
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D Copy
3" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

E Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

F Parking_Symbol.eps
4" Diameter.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

G Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
PNL.2 - Variation (max. message)
1/2" = 1'-0"

Use where Emergency or Ambulance destination is used.

PNL.3 - Variation (max. message)
1/2" = 1'-0"

Up to Three Line Secondary Message

PNL.3 - Variation (max. message)
1/2" = 1'-0"

Secondary message not to exceed three lines.

PNL.6 - Variation
3/4" = 1'-0"

Multiple lots may be directed to if they are located on the same street.

Specifications

H Arrow_Symbol.eps
4" Height.
Artwork provided by client. Apply to front surface of panel. Applied Vinyl: V3. Rotate arrow around object center-point.

I Copy
3" X-cap Height.

J DoNotEnter_Symbol.eps
4" Diameter.

K Secondary Copy
2 1/2" X-cap Height.

L Secondary Copy
2 1/4" X-cap Height.

No more than THREE messages per sign.

P No more than THREE lines per message.

Parking messages are NOT allowed on a dark grey background.

Only ONE arrow direction per panel.

Do NOT rearrange panel order.

Bottom of Panel MUST match 27" baseline.
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PART COUNTS

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<td>B SIGN POST</td>
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<td>H FP_5</td>
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<th>CONFIGURATION 2:</th>
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<th>DOUBLE SIDED</th>
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<tr>
<td>A POST CAP</td>
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<td>2</td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>C PNL.1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>D FP_1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>E PNL.5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F FP_2</td>
<td>2</td>
<td>4</td>
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<tr>
<td>G FP_4</td>
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<td>0</td>
</tr>
<tr>
<td>H FP_5</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

- The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed.
- For specification and ordering purposes, contact EMS Delaware;
  231 Executive Drive Suite 11
  Newark, DE 19702 USA
  Toll Free: 800-863-1496
  Local Phone: 302-391-1370
  Fax: 302-391-1371
  Website: www.EasternMetal.com
  Email: info@easternmetal.com

Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Different configurations may be used on either side.
- Use as a single or double sided sign. Message standards apply to both sides. Different configurations may be used on either side.
- Do not re-arrange panel order. Rutgers header is always at the top and parking panel is always at the bottom. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

Questions? Please contact xxxxx
Specifications

**A Post Cap**

**B Sign Post**
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

**C PNL.1**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

**D FP_1**

**E PNL.5**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2. *Use one panel only for single sided sign.

**F FP_2**

**G FP_3**

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H FP_4

I Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

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Specifications

A Post Cap
1/8" thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

E PNL.5
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P2.
*Use one panel only for single sided sign.

F FP_2
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

G FP_3
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

H FP_S
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**I Concrete Footer / Pad**
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

**J Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**K Expansion Joint**
To accommodate concrete expansion and contraction.

**L Sand**
Compacted sand for condensation drainage per engineering requirements.

**M Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.

*See post extrusion spec. information on Parts sheet.

**N Sign Panel Plate**
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
No more than THREE messages per sign.
No more than THREE lines per message.
Only ONE arrow direction per panel.
Parking messages are NOT allowed on a dark grey background.
Do NOT rearrange panel order.
Bottom of Panel MUST match 27" baseline.
Full length filler panels are used for single side signs only. (not shown)
Stop panel below grade line. (not shown)

The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware:
231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com

Questions? Please contact xxxxx

Guidelines
- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Different configurations may be used on either side.
- Use as a single or double sided sign. Message standards apply to both sides. Different configurations may be used on either side.
- Do not use parking panels on this sign type.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- One arrow to be used for multiple messages listed in the same direction.
- Arrow order should be as follows: Up (Straight), Left, Right.
- Destinations in the same direction (on the same panel) should be listed nearest to farthest.

Helpful Hints
- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.
Specifications

A Post Cap
1/8" thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws.
Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P1.
*Use one panel only for single sided sign.

D FP.1
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

E PNL.5
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P2.
*Use one panel only for single sided sign.

F PNL.3
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive.
Paint all sides: P3.
*Use one panel only for single sided sign.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G  FP_2
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

H  PNL_2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P2.
*Use one panel only for single sided sign.

I  FP_5
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

J  FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

K  Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

L  Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.
Specifications

A RU_Logotype.eps
1 1/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

D Copy
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

E Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

F Parking_Symbol.eps
4” Diameter.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

G Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**H Arrow_Symbol.eps**
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V3.
Rotate arrow around object center-point.

**J Copy**
3” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

**J DoNotEnter_Symbol.eps**
4” Diameter.
Artwork provided by client.
Apply to front surface of panel.
Background: V3.

**K Secondary Copy**
2 1/2” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

**L Secondary Copy**
2 1/4” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.
Specifications

A RU_Logotype.eps
1 1/2" T-cap height.
Artwork provided by client.
Apply to front surface
of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T2
Tracking: +50.
Apply to front surface
of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface
of panel.
Applied Vinyl: V1.
Rotate arrow around
object center-point.

D Copy
3" X-cap Height.
Type: T2
Tracking: +50.
Apply to front surface
of panel.
Applied Vinyl: V2.

E Copy
3" X-cap Height.
Type: T1
Tracking: +50.
Apply to front surface
of panel.
Applied Vinyl: V2.

F Parking_Symbol.eps
4" Diameter.
Artwork provided by client.
Apply to front surface
of panel.
Applied Vinyl: V2.
Rotate arrow around
object center-point.

G Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface
of panel.
Applied Vinyl: V2.
Rotate arrow around
object center-point.

For typography, finish/material and symbol specifications
refer to Manual Part 2, Section A: Graphic Standards
**Specifications**

- **H Arrow_Symbol.eps**
  - 4” Height.
  - Artwork provided by client.
  - Apply to front surface of panel.
  - Rotate arrow around object center-point.

- **I Copy**
  - 3” X-cap Height.
  - Type: T2.
  - Tracking: +50.
  - Apply to front surface of panel.

- **J DoNotEnter_Symbol.eps**
  - 4” Diameter.
  - Artwork provided by client.
  - Apply to front surface of panel.

- **K Secondary Copy**
  - 2 1/2” X-cap Height.
  - Type: T1.
  - Tracking: +50.
  - Apply to front surface of panel.

- **L Secondary Copy**
  - 2 1/4” X-cap Height.
  - Type: T1.
  - Tracking: +50.
  - Apply to front surface of panel.

---

**GRAPHIC LAYOUT**

- No more than **FOUR** messages per sign.
- No more than **THREE** lines per message.
- Parking messages are **NOT** allowed on a dark grey background.
- Only **ONE** arrow direction per panel.
- Do **NOT** rearrange panel order.
- Bottom of Panel **MUST** match 27” baseline.

---

**GRAPHIC DONT’S**
SUB-SECTION

SECTION D:
DR60 SERIES
**DR60 Series Overview**

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and/or Department of Facilities, Planning and Development.

**Sign Selection Process**

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability.

B. Determine the number of parking messages you require.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic don’ts to ensure proper selection.

---

**DR60 SERIES:**

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<thead>
<tr>
<th></th>
<th>1 PARK</th>
<th>2 PARK</th>
<th>3 PARK</th>
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<td>N/A</td>
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<tr>
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<tr>
<td>3 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>DR61</td>
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</tbody>
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---

Questions? Please contact xxxxx
Guidelines

• Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
• Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
• Use as a single or double sided sign. Message standards apply to both sides.
• Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
• One arrow direction per panel.
• Arrow order should be as follows: Up (Straight), Left, Right.

Helpful Hints

• Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
• Use only standard and approved nomenclature and abbreviations.
• Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
• Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com

Questions? Please contact xxxxx

PARTS

ELEVATION
DETAIL
GRAPHIC LAYOUT

PART COUNTS

SECTION D: VEHICULAR WAYFINDING

2D.151
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**G** FP_3
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.*

**H** FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

**I** Concrete Footer / Pad
Minimum 3’-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G FP_3
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

I Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

K Expansion Joint
To accommodate concrete expansion and contraction.

L Sand
Compacted sand for condensation drainage per engineering requirements.

M Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.

N Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
### Specifications

**A RU_Logotype.eps**
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

**B Copy**
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

**C Arrow_Symbol.eps**
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

---

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
### Guidelines
- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

### Helpful Hints
- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

### Part Counts

<table>
<thead>
<tr>
<th>Configuration 1:</th>
<th>Single Sided</th>
<th>Double Sided</th>
</tr>
</thead>
<tbody>
<tr>
<td>A POST CAP</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>C PNL.1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>D FP.1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>E PNL.2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F FP.2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>G FP.3</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>H FP.5</td>
<td>4</td>
<td>4</td>
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  Newark, DE 19702 USA
  Toll Free: 800-863-1496
  Local Phone: 302-391-1370
  Fax: 302-391-1371
  Website: www.EasternMetal.com
  Email: info@easternmetal.com
Specifications

**A Post Cap**
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/tamper-resistant, spanner-head screws. Paint all sides: P4.

**B Sign Post**
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.*

**C PNL.1**
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.*

**D FP_1**

**E PNL.2**
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.*

**F FP_2**

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G FP_3
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

H FP_S
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

I Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**G** FP_3
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.*

**I** Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

**K** Expansion Joint
To accommodate concrete expansion and contraction.

**L** Sand
Compacted sand for condensation drainage per engineering requirements.

**M** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**N** Sign Panel Plate
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Guidelines

- Provide sequential vehicular guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single or double sided sign. Message standards apply to both sides.
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don’ts.
- One arrow direction per panel.
- Arrow order should be as follows: Up (Straight), Left, Right.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

PARTS

ELEVATION
DETAIL
GRAPHIC LAYOUT

Configuration 1

- Full length filler panels are used for single sided signs only. (not shown)
- Stop panel below grade line. (not shown)

PART COUNTS

**CONFIGURATION 1:**

<table>
<thead>
<tr>
<th></th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A POST CAP</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>C PNL.1</td>
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<td>2</td>
</tr>
<tr>
<td>D FP.1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>E PNL.2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F FP.2</td>
<td>2</td>
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<tr>
<td>H FP.5</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware;

231 Executive Drive Suite 11
Newark, DE 19702 USA
Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifyations

**G FP_3**
- 1/8” thk. Painted aluminum filler panel.
- Paint all sides: P1.
- Use only for single sided signs.

**H FP_S**
- 1/8” thk. Painted aluminum filler panel.
- Paint all sides: P1.

**I** Concrete Footer / Pad
- Minimum 3'-0"d. concrete footer.
- Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.
- Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk
- If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. “See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
“Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
“Use one panel only for single sided sign.

F FP_2

Component Parts / Assembly

Finished Sign

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
**Specifications**

**G. FP.3**


*Use only for single sided signs.*

**I. Concrete Footer / Pad**

Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J. Concrete Sidewalk**

If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

**K. Expansion Joint**

To accommodate concrete expansion and contraction.

**L. Sand**

Compacted sand for condensation drainage per engineering requirements.

**M. Attachment Bracket**

Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.

*See post extrusion spec. information on Parts sheet.*

**N. Sign Panel Plate**

1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
1 1/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
## DR70 Series Overview

Recommended sign type configurations shown. Additional layouts configurations must be approved by Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development.

## Sign Selection Process

Below are the following steps for selecting the correct vehicular directional for your needs.

A. Analyze location and space availability. DR70 series is used primarily in urban environments where space is limited.

B. Determine parking locations and arrow directions needed.

### DR70 Series

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<tr>
<th>NEW POLE</th>
<th>EXISTING POLE</th>
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</thead>
<tbody>
<tr>
<td>DR71/DR72</td>
<td>DR73/DR74</td>
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</table>

Questions? Please contact xxxxx
**Guidelines**

- In an urban environment where space is limited, trailblaze to campus parking if multiple lots are in the same direction.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only. Two single-sided signs may be mounted to either side of an existing pole or structure.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

---

**Parts Counts**

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<td>N/A</td>
</tr>
<tr>
<td>B SIGN POST</td>
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<tr>
<td>C PNL.1</td>
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</tr>
<tr>
<td>D FP_1</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>E FP_2</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>F ST. ANGLE</td>
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<tr>
<td>G FP_5</td>
<td>2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware:
  231 Executive Drive Suite 11
  Newark, DE 19702 USA
  Toll Free: 800-863-1496
  Local Phone: 302-391-1370
  Fax: 302-391-1371
  Website: www.EasternMetal.com
  Email: info@easternmetal.com

Questions? Please contact xxxxx
Specifications

**A** Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

**B** Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.*

**C** PNL1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.*

**D** FP_1

**E** FP_2

**F** Structural Angle
1/4” thk. Painted aluminum L-angle, attached to back of sign panel, w/ hi-bond adhesive, and mechanically fastened to sign post. Paint all sides: P4.
Paint fasteners heads to match: P4.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

J Expansion Joint
To accommodate concrete expansion and contraction.

K Sand
Compacted sand for condensation drainage per engineering requirements.

L Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.

*See post extrusion spec. information on Parts sheet.

M Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**G FP_3**
*Use only for single sided signs.*

**I Concrete Footer / Pad**
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

**K Expansion Joint**
To accommodate concrete expansion and contraction.

**L Sand**
Compacted sand for condensation drainage per engineering requirements.

**M Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**N Sign Panel Plate**
1/8” Thk. aluminum plate cut to dimensions shown in elevations.

---

**SECTION D: VEHICULAR WAYFINDING**

---
Specifications

A RU_Logotype.eps
1 1/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Parking_Symbol.eps
8” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow from object center-point.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Full length filler panels are used for single sided signs only (not shown).

Guidelines
- In an urban environment where space is limited, trailblaze to campus parking if multiple lots are in the same direction.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only. Two single-sided signs may be mounted to either side of an existing pole or structure.

Helpful Hints
- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware;

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Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com
**Specifications**

**A. Post Cap**
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: **P4**.

**B. Sign Post**
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: **P4**.
All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.*

**C. PNL.1**
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: **P1**.
*Use one panel only for single sided sign.*

**D. FP_1**
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**.

**E. FP_2**
1/8” thk. Painted aluminum filler panel. Paint all sides: **P1**.

**F. Structural Angle**
1/4” thk. Painted aluminum L-angle, attached to back of sign panel, w/ hi-bond adhesive, and mechanically fastened to sign post. Paint all sides: **P4**.
Paint fasteners heads to match: **P4**.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

H Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure.

I Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

J Expansion Joint
To accommodate concrete expansion and contraction.

K Sand
Compacted sand for condensation drainage per engineering requirements.

L Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
"See post extrusion spec. information on Parts sheet.

M Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.

SECTION D: VEHICULAR WAYFINDING
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
Specifications

**G. FP_3**
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*“Use only for single sided signs.”*

**I. Concrete Footer / Pad**
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J. Concrete Sidewalk**
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

**K. Expansion Joint**
To accommodate concrete expansion and contraction.

**L. Sand**
Compacted sand for condensation drainage per engineering requirements.

**M. Attachment Bracket**
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*“See post extrusion spec. information on Parts sheet.”*

**N. Sign Panel Plate**
1/8” Thk. aluminum plate cut to dimensions shown in elevations.
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Parking_Symbol.eps
8" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow from object center-point.

C Arrow_Symbol.eps
8" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Guidelines

- In an urban environment where space is limited, trailblaze to campus parking if multiple lots are in the same direction.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single-sided sign only. Two single-sided signs may be mounted to either side of an existing pole or structure.

Helpful Hints

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

Questions? Please contact xxxxx
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E FP_2

F Structural Angle

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
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Specifications

- **F** Existing U-channel Post
- **G** Pin-mount Attachment
  Threaded rod drilled and tapped into back of cut-out form. Drill hole in wall surface and secure w/ hi-bond adhesive.
- **H** Spacer
  1/2” dia. x 1/4” d. Aluminum spacer w/ sandblasted edge returns. Provide matte clear-coat, all surfaces.
- **I** Porous Wall Surface
- **J** VHB Foam Tape Attachment
  1/16” thk. Exterior grade VHB foam tape.
- **K** Non-Porous Wall Surface
- **L** Existing Light Pole
- **M** Strap-mount Attachment
  Bandit, or equal, stainless steel sign mounting attachment bracket, as required by sign engineering.
- **N** Strap-mount Attachment
  Bandit, or equal, stainless steel sign mounting straps, as required by sign engineering.
- **O** Install Mounting
  Surface mount to building facade, fence or existing pole; determine best mounting method via site conditions survey. Height of sign varies based on field survey conditions. 5'-0" above grade is optimal.

For typography, finish/material and symbol specifications refer to **Manual Part 2, Section A: Graphic Standards.**
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Parking_Symbol.eps
8" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow from object center-point.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Guidelines
• In an urban environment where space is limited, trailblaze to campus parking if multiple lots are in the same direction.
• Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
• Use as a single-sided sign only. Two single-sided signs may be mounted to either side of an existing pole or structure.

Helpful Hints
• Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
• Use only standard and approved nomenclature and abbreviations.
• Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
• Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

Questions? Please contact xxxxx
Specifications

A. Post Cap

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C. PNL1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D. FP_1

E. FP_2

F. Structural Angle

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

F Existing U-channel Post

G Pin-mount Attachment
Threaded rod drilled and tapped into back of cut-out form. Drill hole in wall surface and secure with hi-bond adhesive.

H Spacer
1/2" dia. x 1/4" d. Aluminum spacer w/ sandblasted edge returns. Provide matte clear-coat, all surfaces.

I Porous Wall Surface

J VHB Foam Tape Attachment
1/16" thk. Exterior grade VHB foam tape.

K Non-Porous Wall Surface

L Existing Light Pole

M Strap-mount Attachment
Bandit, or equal, stainless steel sign mounting attachment bracket, as required by sign engineering.

N Strap-mount Attachment
Bandit, or equal, stainless steel sign mounting straps, as required by sign engineering.

X Install Mounting
Surface mount to building facade, fence or existing pole; determine best mounting method via site conditions survey. Height of sign varies based on field survey conditions. 5'-0" above grade is optimal.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

A RU_Logotype.eps
1 1/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Parking_Symbol.eps
8” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow from object center-point.

C Arrow_Symbol.eps
8” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.
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**DR80 Series Overview**

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator and/or Department of Facilities, Planning and Development.

**Sign Selection Process**

Below are the following steps for selecting the correct highway trailblazer for your needs.

A. Analyze location and space availability.

B. Determine if a message is required and if so, the number of messages required.

C. Determine message lengths and character (letter) counts for each message. Are your messages 1, 2 or 3 lines long?

D. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts.

E. Review graphic don’ts to ensure proper selection.

---

**DR80 SERIES:**

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<td>DR83</td>
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Questions? Please contact xxxxx
**Guidelines**

- Provide sequential vehicular guidance at the edges of campus or highway exits with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single sign only.
- Only primary destinations accessed by first time visitors are to be included on this sign. (i.e visitors center, athletic center)
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don'ts.
- One arrow direction per panel.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

---

**PART COUNTS**

**CONFIGURATION 1:**

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<td>SIGN POST</td>
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<td>1</td>
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<td>FP.3</td>
<td>2</td>
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<tr>
<td>FP.5</td>
<td>4</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware:

231 Executive Drive Suite 11
Newark, DE 19702 USA

Toll Free: 800-863-1496
Local Phone: 302-391-1370
Fax: 302-391-1371

Website: www.EasternMetal.com
Email: info@easternmetal.com

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Questions? Please contact xxxx
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
Specifications

G FP_3
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

H FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

I Concrete Footer / Pad
Minimum 3'-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations. *See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.

D FP_1

E PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
**Specifications**

- **G** FP_3
  *Use only for single sided signs.*

- **I** Concrete Footer / Pad
  Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

- **J** Concrete Sidewalk
  If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

- **K** Expansion Joint
  To accommodate concrete expansion and contraction.

- **L** Sand
  Compacted sand for condensation drainage per engineering requirements.

- **M** Attachment Bracket
  Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
  *See post extrusion spec. information on Parts sheet.*

- **N** Sign Panel Plate
  1/8" Thk. aluminum plate cut to dimensions shown in elevations.

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**Panel Detail**

- **G** FP_3 (1/8" thk. Painted aluminum filler panel)
- **I** Concrete Footer / Pad
- **M** Attachment Bracket
- **N** Sign Panel Plate

**Plan Elevation at Sidewalk**

- **I** Concrete Sidewalk
- **K** Expansion Joint
- **L** Sand
- **M** Attachment Bracket
- **N** Sign Panel Plate

**Vertical Section: Concrete Footer**

- **J** Concrete Sidewalk
- **K** Expansion Joint

**Vertical Section: Concrete Footer**

- **J** Concrete Sidewalk
- **K** Expansion Joint

---

**Partial Horizontal Section**

- **G** FP_3
- **I** Concrete Footer / Pad
- **M** Attachment Bracket
- **N** Sign Panel Plate

**Plan Elevation at Sidewalk**

- **I** Concrete Sidewalk
- **K** Expansion Joint
- **L** Sand
- **M** Attachment Bracket
- **N** Sign Panel Plate

**Vertical Section: Concrete Footer**

- **J** Concrete Sidewalk
- **K** Expansion Joint

**Vertical Section: Concrete Footer**

- **J** Concrete Sidewalk
- **K** Expansion Joint

---

**SECTION D: VEHICULAR WAYFINDING**
Specifications

A RU_Logotype.eps
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
Configuration 1

- Full length filler panels are used for single sided signs only. (not shown)
- Stop panel below grade line. (not shown)

**Guidelines**

- Provide sequential vehicular guidance at the edges of campus or highway exits with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single sign only.
- Only primary destinations accessed by first time visitors are to be included on this sign. (i.e visitors center, athletic center)
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don'ts.
- One arrow direction per panel.

**Helpful Hints**

- Keep in mind the intuitive path of the user when locating and specifying exterior directional signs.
- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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**PART COUNTS**

**CONFIGURATION 1:**

<table>
<thead>
<tr>
<th>PART</th>
<th>COUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A POST CAP</td>
<td>2</td>
</tr>
<tr>
<td>B SIGN POST</td>
<td>2</td>
</tr>
<tr>
<td>C PNL.1</td>
<td>1</td>
</tr>
<tr>
<td>D FP_1</td>
<td>4</td>
</tr>
<tr>
<td>E PNL.5</td>
<td>1</td>
</tr>
<tr>
<td>F PNL.3</td>
<td>1</td>
</tr>
<tr>
<td>G FP_2</td>
<td>2</td>
</tr>
<tr>
<td>H FP_5</td>
<td>2</td>
</tr>
<tr>
<td>I FP_5</td>
<td>4</td>
</tr>
</tbody>
</table>

* The custom sign post extrusion is Rutgers owned and must be used. No substitutions allowed. For specification and ordering purposes, contact EMS Delaware;

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Email: info@easternmetal.com
Specifications

A Post Cap

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.

*C* See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P1. *Use one panel only for single sided sign.*

D FP_1

E PNL.2
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive. Paint all sides: P3. *Use one panel only for single sided sign.*

F FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G FP_3
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

H FP_S
1/8" thk. Painted aluminum filler panel.
Paint all sides: P1.

I Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.
Specifications

A Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/tamper-resistant, spanner-head screws.
Paint all sides: P4.

B Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal.
Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.

C PNL.1
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive.
Paint all sides: P1.
*Use one panel only for single sided sign.

D FP_1
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

E PNL.2
Painted aluminum panel w/applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/hi-bond adhesive.
Paint all sides: P3.
*Use one panel only for single sided sign.

F FP_2
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards
**Specifications**

**G** FP_3
*Use only for single sided signs.*

**I** Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

**K** Expansion Joint
To accommodate concrete expansion and contraction.

**L** Sand
Compacted sand for condensation drainage per engineering requirements.

**M** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**N** Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.

---

**Plan Elevation at Sidewalk**

**Vertical Section: Concrete Footer**

- **at concrete sidewalk condition**

**Vertical Section: Concrete Footer**

- **at earth / grass condition**
Specifications

A RU_Logotype.eps
11/2” T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.eps
4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Guidelines
- Provide sequential vehicular guidance at the edges of campus or highway exits with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with accent color and Rutgers logo-type.
- Use as a single sign only.
- Only primary destinations accessed by first time visitors are to be included on this sign. (i.e. visitors center, athletic center)
- Do not re-arrange panel order. Rutgers header is always at the top. See graphic layout page for graphic don'ts.
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- Use only standard and approved nomenclature and abbreviations.
- Refer to all appropriate state and local codes, as needed, for sign compliance, including, but not limited to zoning, ADAAG, MUTCD, etc.
- Sign fabricator to provide all relevant engineering calculations and provide all methods and materials of construction in shop drawings.

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Fax: 302-391-1371
Website: www.EasternMetal.com
Email: info@easternmetal.com

Questions? Please contact xxxxx
Specifications

**A** Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

**B** Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4. All drilled holes to be weather-proofed for water and environmental considerations.
*See post extrusion spec. information on Parts sheet.*

**C** PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.*

**D** FP_1

**E** PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.*

**F** FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

G FP_3
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.
*Use only for single sided signs.

H FP_S
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

I Concrete Footer / Pad
Minimum 3’-0”d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

J Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and repour sidewalk square.

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Specifications

A. Post Cap
1/8” thk. Pre-punched and painted aluminum post cap, mechanically fastened w/ tamper-resistant, spanner-head screws. Paint all sides: P4.

B. Sign Post
Rutgers owned custom, extruded sign post w/inset grooves for ease of panel install and removal. Paint all sides: P4.
All drilled holes to be weather-proofed for water and environmental considerations.

*C. PNL.1
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P1.
*Use one panel only for single sided sign.

D. FP_1

E. PNL.2
Painted aluminum panel w/ applied vinyl graphics. Custom extruded panel attachment to be mounted to back of panel w/ hi-bond adhesive. Paint all sides: P3.
*Use one panel only for single sided sign.

F. FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
Specifications

**G** FP_3
*Use only for single sided signs.*

**I** Concrete Footer / Pad
Minimum 3'-0"d. concrete footer. Each footer to conform to engineering requirements and appropriate wind-loads for individual structure. Footer to be below grade and landscaping, by others, where necessary.

**J** Concrete Sidewalk
If sign is located at sidewalk, remove sidewalk square, pour footer below sidewalk and re pour sidewalk square.

**K** Expansion Joint
To accommodate concrete expansion and contraction.

**L** Sand
Compacted sand for condensation drainage per engineering requirements.

**M** Attachment Bracket
Rutgers owned custom extruded bracket cut to match height of aluminum plate. Permanently mount to back of plate.
*See post extrusion spec. information on Parts sheet.*

**N** Sign Panel Plate
1/8" Thk. aluminum plate cut to dimensions shown in elevations.

---

**SECTION D: VEHICULAR WAYFINDING**
Specifications

A RU_Logotype.png
11/2" T-cap height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.

B Copy
3" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V1.

C Arrow_Symbol.png
4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V1.
Rotate arrow around object center-point.

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.