SECTION E: PEDESTRIAN WAYFINDING

PDR10 SERIES PEDESTRIAN DIRECTIONAL
PDR20 SERIES PEDESTRIAN DIRECTIONAL WITH ORIENTATION MAP
ORT10 SERIES ORIENTATION MAP

Some pedestrian 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 pedestrian wayfinding signs that are unique to the Health Science campus and can be found in Section J of this manual.
SECTION E:
PDR10 SERIES

SUB-SECTION
PDR10 Series Overview

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

Sign Selection Process

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

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

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

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

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

### PDR10 SERIES:

<table>
<thead>
<tr>
<th></th>
<th>1 MSG</th>
<th>2 MSG</th>
<th>3 MSG</th>
<th>4 MSG</th>
<th>5 MSG</th>
<th>6 MSG</th>
<th>3 MSG + 1 PARK</th>
<th>2 MSG + 2 PARK</th>
<th>3 MSG + 3 PARK</th>
<th>4 MSG + 1 PARK</th>
<th>4 MSG + 2 PARK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ARROW</td>
<td>PDR11 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2 ARROW</td>
<td>N/A</td>
<td>PDR11 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>3 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR11 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>4 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR11 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR11 Config. 1</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>5 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR12</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR13 Config. 1</td>
<td>N/A</td>
<td>PDR13 Config. 2</td>
<td>N/A</td>
</tr>
<tr>
<td>6 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR12</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR15 Config. 1</td>
<td>N/A</td>
<td>PDR15 Config. 2</td>
</tr>
</tbody>
</table>

Questions? Please contact xxxxx
Full length filler panels are used for single sided 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 pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
• Reinforce the brand equity in the built environment with brand color on the header.
• Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
• Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
• Arrow order should be as follows: Up (straight), Left, Right.
• Do not rearrange panel order.

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: 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: 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.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.

H  FP_2

I  FP_3

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 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: **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** 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.*

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

**I** FP_7
1/8" thk. Painted aluminum filler panel. Paint all sides: **P1**.
*Use only for single sided signs.*

**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 repour 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 Copy**
1 1/4" X-cap Height.
Type: **T2**.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: **V2**.

**B Arrow_Symbol.eps**
1 3/4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: **V2**.
Rotate arrow around object center-point.

**C Copy**
1 1/4" X-cap Height.
Type: **T1**.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: **V2**.

**D Parking_Symbol.eps**
1 1/2" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: **V2, V1**.

For typography, finish/material and symbol specifications refer to **Manual Part 2, Section A: Graphic Standards**.
University Behavioral Health Care
Visitors Must Use Main Entrance

No more than SIX messages per sign.
No more than THREE lines per message.
ONLY include parking messages on parking panels.
Do NOT rearrange panels.
Panels must MATCH the 27” baseline.

Specifications

Secondary Copy
1” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.
**Guidelines**

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.

**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>POST CAP</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>SIGN POST</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PNL.1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>FP_1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>PNL.5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>FP_2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>FP_7</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>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.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.

F FP_2

G FP_7

H FP_S

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

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 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.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.

F. FP_2

G. FP_7

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. 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.

Vertical Section: Concrete Footer
- at concrete sidewalk condition
- at earth / grass condition

Partial Horizontal Section
6" = 1'-0"
Specifications

A Copy
1 1/4” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

B Arrow_Symbol.eps
1 3/4” 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
Visitors Must Use Main Entrance

University Behavioral Health Care

No more than SIX messages per sign.

No more than THREE lines per message.

ONLY include parking messages on parking panels

Do NOT rearrange panels.

Panels must MATCH the 27” baseline.

Specifications

Secondary Copy

1” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.
### Guidelines

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.

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

**G 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: P3.

*Use one panel only for single sided sign.*

**H FP_4**
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1.

**I FP_7**
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 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.

D 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: 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.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.*

**H FP_2**

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

**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 repour 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 Copy
11/4” X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

B Arrow_Symbol.eps
1 3/4” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

C Copy
11/4” X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

D Parking_Symbol.eps
11/2” Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2, V1.

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

**Secondary Copy**

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

---

University Behavioral Health Care
Visitors Must Use Main Entrance

PNL.2/PNL.3 - Variation
1" = 1'-0"
**Guidelines**

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.

**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:</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>4</td>
<td>8</td>
</tr>
<tr>
<td>E PNL.5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F PNL.4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>G FP_5</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>H FP_7</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>I FP_8</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

---

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 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.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: 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.
This Page Intentionally Left Blank

Specifications

**G FP_5**

**H FP_7**
*Use only for single sided signs.*

**I FP_S**

**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.
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 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: 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_7
1/8” thk. Painted aluminum filler panel.
Paint all sides: P1. *Use only for single sided signs.*

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

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

Partial Horizontal Section
6” = 1'-0”

Plan Elevation at Sidewalk
no scale

Vertical Section: Concrete Footer
at concrete sidewalk condition

Vertical Section: Concrete Footer
at earth / grass condition
Specifications

A Copy
1 1/4" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

B Arrow_Symbol.eps
1 3/4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

C Copy
1 1/4" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

D Parking_Symbol.eps
1 1/2" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2, V1.

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

University Behavioral Health Care

No more than SIX messages per sign.

No more than THREE lines per message.

ONLY include parking messages on parking panels.

Do NOT rearrange panels.

Panels must MATCH the 18” baseline.

Specifications

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

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.

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.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.

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

G 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.

H FP_6

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 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: 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** 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.*

**H** FP_6  

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

**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 repour 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 Copy
11/4" X-cap Height.
Type: T2.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

Arrow_Symbol.eps
1 3/4" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2.
Rotate arrow around object center-point.

C Copy
11/4" X-cap Height.
Type: T1.
Tracking: +50.
Apply to front surface of panel.
Applied Vinyl: V2.

Parking_Symbol.eps
11/2" Height.
Artwork provided by client.
Apply to front surface of panel.
Applied Vinyl: V2, V1.

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

University Behavioral Health Care

Visitors Must Use Main Entrance

PNL.2/PNL.3- Variation

1" = 1'-0"

Specifications

Secondary Copy

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

No more than SIX messages per sign.
No more than THREE lines per message.
ONLY include parking messages on parking panels.
Do NOT rearrange panels.
Panels must MATCH the 17" baseline.
SECTION E:
PDR20 SERIES
PDR20 Series Overview

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

Sign Selection Process

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

A. Determine the number of messages and parking messages you require. Verify “heads up” map orientation and artwork per sign placement.

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

C. Select from the typical module heights based on previous steps. See graphic layout pages for sample typographic layouts and map artwork guidelines.

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

### PDR20 SERIES:

<table>
<thead>
<tr>
<th></th>
<th>1 MSG</th>
<th>2 MSG</th>
<th>3 MSG</th>
<th>4 MSG</th>
<th>5 MSG</th>
<th>6 MSG</th>
<th>3 MSG + 1 PARK</th>
<th>2 MSG + 2 PARK</th>
<th>3 MSG + 3 PARK</th>
<th>4 MSG + 1 PARK</th>
<th>4 MSG + 2 PARK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ARROW</td>
<td>PDR21 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2 ARROW</td>
<td>N/A</td>
<td>PDR21 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>3 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR21 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>4 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR21 Config. 2</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR21 Config. 1</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>5 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR22</td>
<td>N/A</td>
<td>PDR23 Config. 1</td>
<td>N/A</td>
<td>PDR23 Config. 2</td>
<td>N/A</td>
<td>PDR24</td>
</tr>
<tr>
<td>6 ARROW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PDR22</td>
<td>N/A</td>
<td>PDR25 Config. 1</td>
<td>N/A</td>
<td>PDR25 Config. 2</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**Guidelines**

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.
- Map orientation to match view of pedestrian when standing at the sign. What is shown ahead of you on the map should appear ahead of you.
- Contact Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development for correct map artwork.

**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>6</td>
<td>10</td>
</tr>
<tr>
<td>E PNL_2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F PNL_4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>G FP_2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>H FP_3</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>I FP_S</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONFIGURATION 2:</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>6</td>
<td>10</td>
</tr>
<tr>
<td>E PNL_3</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_S</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

---

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. *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: P4. *Use one panel only for single sided sign.*

**D** FP_1

**E** FP_2

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

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

G 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.

H 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: P4. *Use one panel only for single sided sign.

D FP_1

E FP_2

Component Parts / Assembly

Finished Sign

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 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

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: P4.
*Use one panel only for single sided sign.

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

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.
- Map orientation to match view of pedestrian when standing at the sign. What is shown ahead of you on the map should appear ahead of you.
- Contact Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development for correct map artwork.

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

<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.5</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_7</td>
<td>2</td>
<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
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: P4.
*Use one panel only for single sided sign.*

D FP_1

E FP_2

See PDR11, Configuration 1 for sign components, details and graphic layouts.

PDR22: Configuration 1, 2
1/2” = 1'-0”

Plan Elevation-
Single side Sign
(double side panels shown dashed)

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

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

**G**  
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.

**H**  
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: P4. *Use one panel only for single sided sign.

D FP_1

E FP_2

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. concretefooter. 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 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 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: P4.
*Use one panel only for single sided sign.

PNL.2
1" = 1'-0"

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

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.
- Map orientation to match view of pedestrian when standing at the sign. What is shown ahead of you on the map should appear ahead of you.
- Contact Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development for correct map artwork.

### 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>PART</th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>E</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>G</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>F_P</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>F_S</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

### Configuration 2

<table>
<thead>
<tr>
<th>PART</th>
<th>SINGLE SIDED</th>
<th>DOUBLE SIDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>E</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F_P</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>F_S</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>F_S</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: P4. *Use one panel only for single sided sign.

D FP_1

E FP_2

F FP_S

G 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.

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

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
This Page Intentionally Left Blank
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: P4. *Use one panel only for single sided sign.

D. FP_1

E. FP_2

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

Panel Detail

no scale

Component Parts / Assembly

Finished Sign
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 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 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: P4.
*Use one panel only for single sided sign.*

---

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

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.
- Map orientation to match view of pedestrian when standing at the sign. What is shown ahead of you on the map should appear ahead of you.
- Contact Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development for correct map artwork.

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>POST CAP</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>SIGN POST</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>PNL.1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>FP_1</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>PNL.5</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>PNL.4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>FP_5</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>FP_7</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>FP_6</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.

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: P4.

D FP.1

D FP.2

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

**F FP_S**

**G 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.

**H 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: P4. *Use one panel only for single sided sign.

D FP_1

E FP_2

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 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 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: P4.
*Use one panel only for single sided sign.

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

- Provide pedestrians with sequential guidance throughout the campus with strategic placement and programmed messaging.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign. It is acceptable to use a different configuration on each side.
- Locate signs at key decision points and at locations of optimal line of sight from public buildings and campus core.
- Arrow order should be as follows: Up (straight), Left, Right.
- Do not rearrange panel order.
- Map orientation to match view of pedestrian when standing at the sign. What is shown ahead of you on the map should appear ahead of you.
- Contact Rutgers University Environmental Graphics Coordinator and or Department of Facilities, Planning and Development for correct map artwork.

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. 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: P4. *Use one panel only for single sided sign.

D. FP_1

E. FP_2

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
This Page Intentionally Left Blank
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: P4. *Use one panel only for single sided sign.

D. FP_1

E. FP_2

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 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.

**Partial Horizontal Section**

**Plan Elevation at Sidewalk**

**Vertical Section: Concrete Footer**
- at concrete sidewalk condition
- at earth / grass condition
Specifications

A 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: P4. *Use one panel only for single sided sign.

PNL.3
1" = 1'-0"

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
SECTION E:
ORT10 SERIES

SUB-SECTION
ORT10 Series – Orientation Map

ORT10 Series Overview

Recommended sign type configurations shown. Additional module configurations must be approved by Rutgers University Environmental Graphics Coordinator & 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. Verify “heads up” map orientation and artwork per sign placement.

Questions? Please contact xxxxx
**Guidelines**

- Provide pedestrians with a visual guide of the campus.
- Reinforce the brand equity in the built environment with brand color on the header.
- Use as a single-sided or double-sided sign. Message standards apply to both sides of sign.
- Map “heads up” orientation to match view of pedestrian when standing at the sign. What is shown ahead of you on the map should appear ahead of you.
- Contact Rutgers University Environmental Graphics Coordinator and/or Department of Facilities, Planning and Development for correct map artwork.

**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**

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

---

**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>2</td>
<td>2</td>
</tr>
<tr>
<td>*B SIGN POST</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>C DR_PNL.x</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>D FP_1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>E OR_PNL.x</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>F OR_PNL.x</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>G FP_x</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>F FP_x</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>J FP_S</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

---

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.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

For typography, finish/material and symbol specifications refer to Manual Part 2, Section A: Graphic Standards.
This Page Intentionally Left Blank
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 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_7  
*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 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: P4.

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