

Metra

Station Sign Program

Specification

May 1, 2020

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SIGN SYSTEM INTENT

The sign system is designed to do three things:

1. Provide a uniform set of identification and directional signs at commuter stations.
2. Provide a cost effective system, both in the initial fabrication costs and in long term maintenance and replacement costs.
3. Provide durable signs that will withstand weathering and vandalism.

There are 10 sign types within the system. The system is a post and panel system with panels that slide and lock into posts. Panels must be able to be removed and replaced on site.

Materials for the signs must meet all ADA requirements for color and finish. Materials may vary depending on the types of signs and their uses. All materials, including paints, inks and overcoats should be exterior grade, compatible with each other and vandal resistant. The intent is to provide a cost effective system with a long life.

All hardware other than aluminum posts must be made of steel (rustproof) and tamper proof.

The drawings included in this manual are working drawings only, showing design intent for each sign. Minimal detail is shown in order that construction methods best suited to the individual vendor can be used while still meeting the aesthetic intent of each sign. Detailed engineering drawings for each existing sign type, based on the specifications in this manual, are the property of Metra. Any signs included in the specification manual not in existence and/or not presently in the sign maintenance program, must be designed/engineered by the vendor. The vendor is also responsible for detailed engineering drawings for these signs. All drawings must be approved by Metra prior to fabrication.

Additionally, before the sign fabrication process is started, the following must be submitted by the vendor:

1. Manufacturer's Technical Data Sheet for all paint materials used.
2. Manufacturer's Safety Data Sheet (MSDS) for all paint material used.
3. Sign prototype: typical sign panel and post section.

Lastly, the vendor must provide a Quality Assurance Program including inspection of work, preparation work control and spot check control.

All artwork, shop drawings, silkscreens and dies for signs shall be produced by the vendor and become the property of Metra.

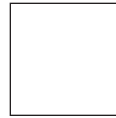
PLEASE NOTE: Any new signs developed must be able to fit into existing posts, as shown on page 244.

Metra

Corporate Colors:

Pantone 301C

White



Corporate Type Style:

Roboto Bold Condensed

Note:

Metra's sign program is transitioning from Helvetica Bold Condensed and Helvetica fonts to Roboto Bold Condensed and Roboto Medium fonts.

Metra's Project Manager will confirm which font to use per each work order.

ABCDEFGHIJKLMNOPQRSTUVWXYZ

VWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890\$(&.,:;!?'-)

Roboto Medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ

VWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890\$(&.,:;!?'-)

Arrow Style:





Parking



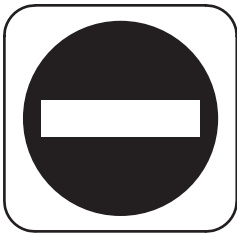
No Parking



Smoking



No Smoking



Do Not Enter



Notice



Metra Police



Train Station



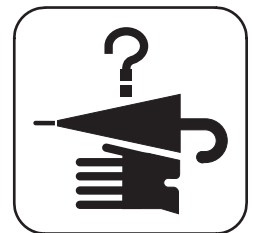
Men



Women



Men and Women



Lost and Found

**SYMBOLS
(CONTINUED)**



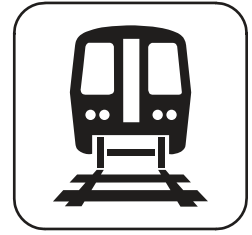
Kiss & Ride



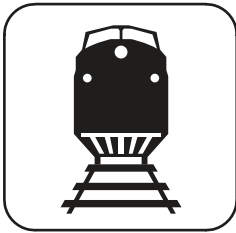
Taxi



Bus



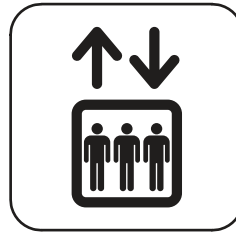
Rapid Transit



Commuter Rail



Tickets



Elevator



Accessibility

Note: This ISA supercedes other versions shown in layouts on other pages.



Telephone



TDD



Volume Control



Vending

LINE NAMES

BNSF Line

Union Pacific North Line

Union Pacific Northwest Line

Union Pacific West Line

Metra Electric Line

Metra Electric Line - Blue Island Branch

Metra Electric Line - South Chicago Branch

Heritage Corridor Line

Milwaukee District North Line

Milwaukee District West Line

SouthWest Service Line

North Central Service Line

Rock Island Line

Rock Island Line - Beverly Branch

South Shore Line

STATION NAMES

<i>BNSF Line:</i>	Chicago Union Station (CUS)*	Fairview Avenue (Downers Grove)
	Halsted Street	Main Street (Downers Grove)
	Western Avenue	Belmont
	Cicero	Lisle
	La Vergne	Naperville*
	Berwyn	Route 59
	Harlem Ave.	Aurora
	Riverside	
	Hollywood (Zoo Stop)	
	Brookfield	
	Congress Park	
	LaGrange Road *	
	Stone Avenue (LaGrange)	
	Western Springs	
	Highlands	
	Hinsdale	
	West Hinsdale	
	Clarendon Hills	
	Westmont	

* *Station is also an Amtrak Station*

**STATION NAMES
(CONTINUED)**

*Union Pacific
North Line:*

Chicago Ogilvie
Transportation Center (OTC)

North Chicago

Waukegan

Clybourn

Zion

Ravenswood

Winthrop Harbor

Peterson Ridge***

Kenosha

Rogers Park

Main Street (Evanston)

Davis Street (Evanston)

Central Street (Evanston)

Wilmette

Kenilworth

Indian Hill

Winnetka

Hubbard Woods

Glencoe

Braeside

Ravinia Park

Ravinia

Highland Park

Highwood

Fort Sheridan

Lake Forest

Lake Bluff

Great Lakes

*** Potential New Station

**STATION NAMES
(CONTINUED)**

Union Pacific
Northwest Line:

Chicago Ogilvie
Transportation Center (OTC)

Clybourn

Irving Park

Jefferson Park

Gladstone Park

Norwood Park

Edison Park

Park Ridge

Dee Road

Des Plaines

Cumberland

Mount Prospect

Arlington Heights

Arlington Park

Palatine

Barrington

Fox River Grove

Cary

Pingree Road

Crystal Lake

McHenry

Woodstock

Harvard

**STATION NAMES
(CONTINUED)**

*Union Pacific
West Line:*

Chicago Ogilvie
Transportation Center (OTC)

Kedzie

Oak Park

River Forest

Maywood

Melrose Park

Bellwood

Berkeley

Elmhurst

Villa Park

Lombard

Glen Ellyn

College Avenue

Wheaton

Winfield

West Chicago

Geneva

La Fox

Elburn

**STATION NAMES
(CONTINUED)**

<i>Metra Electric Line:</i>	Millennium Station **	Riverdale
	Van Buren Street **	Ivanhoe
	Museum Campus/11th Street **	147th Street/Sibley Boulevard
	18th Street/Soldier Field	Harvey
	McCormick Place **	Hazel Crest
	27th Street	Calumet
	47th Street/Kenwood	Homewood*
	51st/53rd Street/Hyde Park	Flossmoor
	55th-56th-57th Street **	Olympia Fields
	59th Street/University of Chicago	211th Street/Lincoln Highway
	63rd Street **	Matteson
	75th Street/Grand Crossing	Richton Park
	79th Street/Chatham	University Park
	83rd Street/Avalon Park	
	87th Street/Woodruff	
	91st Street/Chesterfield	
	95th Street/Chicago State University	
	103rd Street/Rosemoor	
	107th Street	
	111th Street/Pullman	
	115th Street/Kensington **	

* Station is also an Amtrak Station

** Station is also a NICTD Station

**STATION NAMES
(CONTINUED)**

*Metra Electric Line
Blue Island Branch:*

State Street

Stewart Ridge

West Pullman

Racine Avenue

Ashland Avenue

Burr Oak

Blue Island

**STATION NAMES
(CONTINUED)**

*Metra Electric Line
South Chicago Branch:*

Stony Island
Bryn Mawr
South Shore
75th Street/Windsor Park
79th Street/Cheltenham
83rd Street
87th Street
93rd Street/South Chicago

Heritage Corridor Line:

Chicago Union Station (CUS)*
Summit*
Willow Springs
Lemont
Romeoville***
Lockport
Joliet*

* *Station is also an Amtrak Station*

*** *Potential New Station*

**STATION NAMES
(CONTINUED)**

*Milwaukee District
North Line:*

Chicago Union Station (CUS)*

Western Avenue

Healy

Grayland

Mayfair

Forest Glen

Edgebrook

Morton Grove

Golf

Glenview*

The Glen/North Glenview

Northbrook

Lake Cook Road

Deerfield

Lake Forest

Libertyville

Prairie Crossing

Grayslake

Round Lake

Long Lake

Ingleside

Fox Lake

* *Station is also an Amtrak Station*

**STATION NAMES
(CONTINUED)**

*Milwaukee District
West Line:*

Chicago Union Station (CUS)*

Western Avenue

Grand/Cicero

Hanson Park

Galewood

Mars

Mont Clare

Elmwood Park

River Grove

Franklin Park

Mannheim

Bensenville

Wood Dale

Itasca

Medinah

Roselle

Schaumburg

Hanover Park

Bartlett

National Street (Elgin)

Elgin

Big Timber Road (Elgin)

* *Station is also an Amtrak Station*

**STATION NAMES
(CONTINUED)**

SouthWest Service Line: Chicago Union Station (CUS)*
Wrightwood
Ashburn
Oak Lawn
Chicago Ridge
Worth
Palos Heights
Palos Park
143rd Street (Orland Park)
153rd Street (Orland Park)
179th Street (Orland Park)
Laraway Road (New Lenox)
Manhattan

* *Station is also an Amtrak Station*

**STATION NAMES
(CONTINUED)**

North Central Service Line: Chicago Union Station (CUS)*
Western Avenue
River Grove
Belmont Avenue (Franklin Park)
Schiller Park
Rosemont
O'Hare Transfer
Prospect Heights
Wheeling
Buffalo Grove
Prairie View
Vernon Hills
Mundelein
Prairie Crossing
Washington Street (Grayslake)
Round Lake Beach
Lake Villa
Antioch

* *Station is also an Amtrak Station*

**STATION NAMES
(CONTINUED)**

Rock Island Line:

LaSalle Street Station
35th Street / "Lou" Jones / Bronzeville
Gresham
95th Street/Longwood
103rd Street/Washington Heights
Blue Island/Vermont Street
Robbins
Midlothian
Oak Forest
Tinley Park
80th Avenue/Tinley Park
Hickory Creek/Mokena
Mokena
New Lenox
Joliet*

* *Station is also an Amtrak Station*

**STATION NAMES
(CONTINUED)**

*Rock Island District - Beverly
Line:*

Brainerd
91st Street/Beverly Hills
95th Street/Beverly Hills
99th Street/Beverly Hills
103rd Street/Beverly Hills
107th Street/Beverly Hills
111th Street/Morgan Park
116th Street/Morgan Park
119th Street
123rd Street
Prairie Street
Blue Island/Vermont Street

**STATION NAMES
(CONTINUED)**

*South Shore Line:
(Stations that are in Illinois)*

Millennium Station at Randolph

Van Buren St.

Museum Campus / 11th St.

McCormick Place

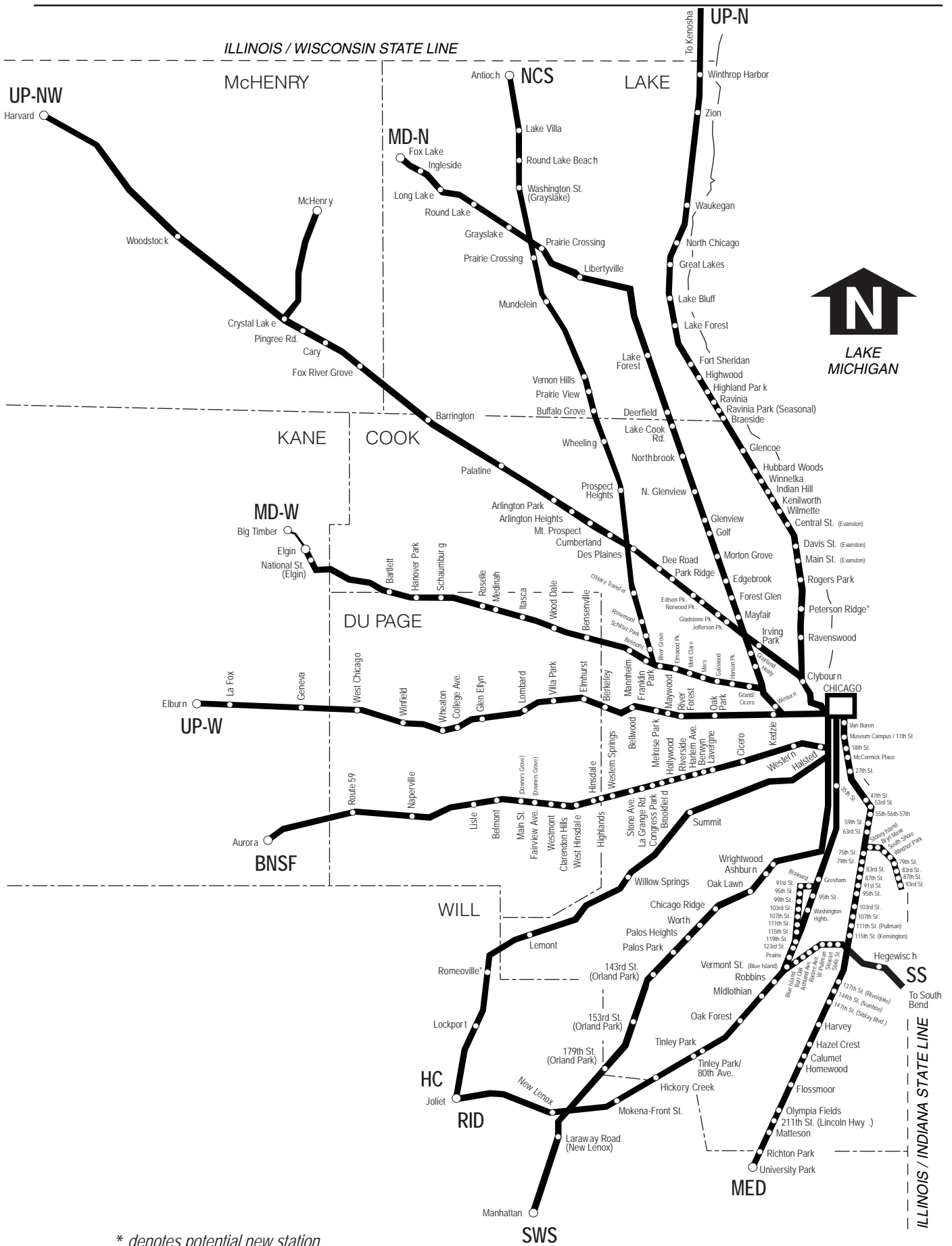
55th - 56th - 57th St.

63rd St.

Kensington / 115th St.

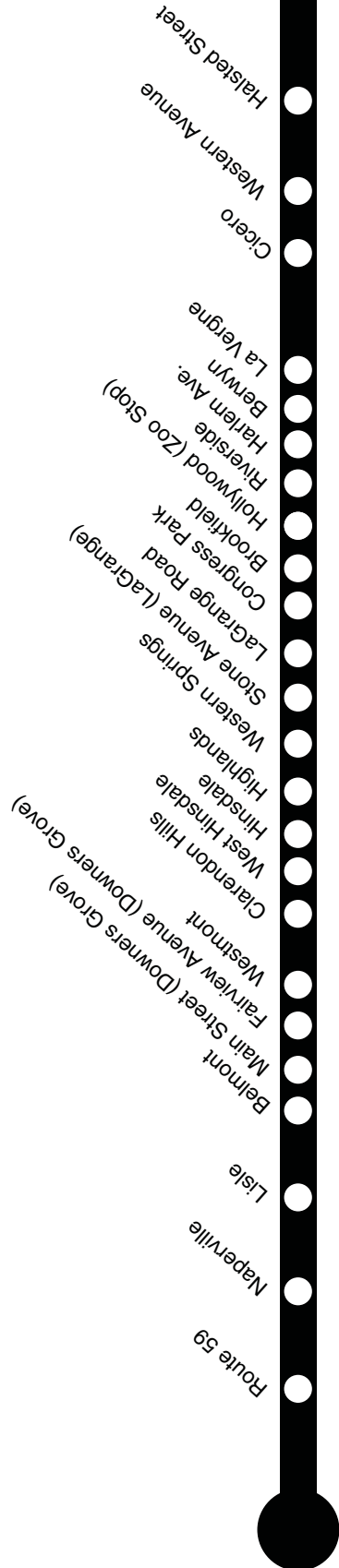
Hegewisch

SYSTEM MAP



* denotes potential new station

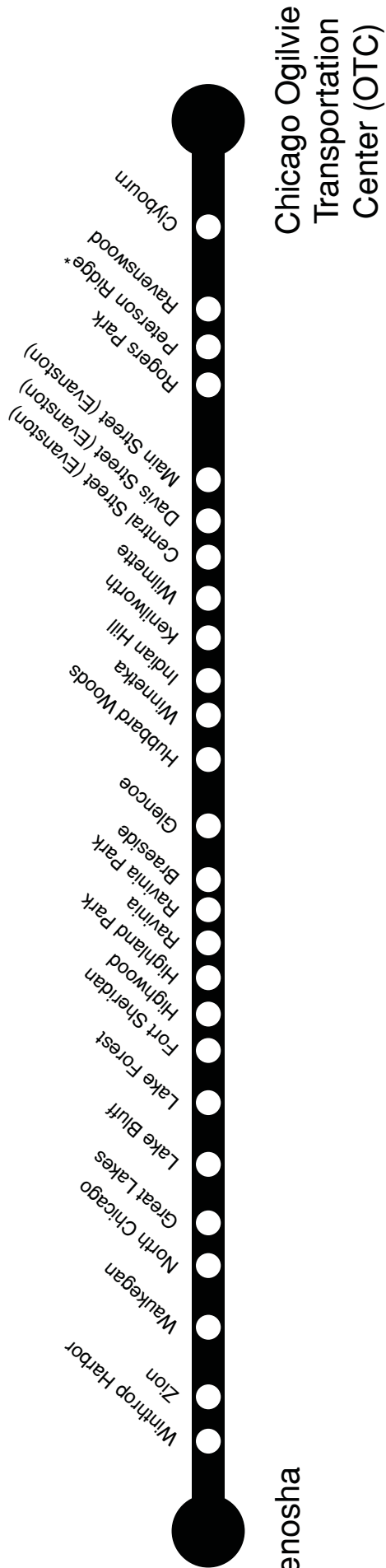
BNSF



Aurora

Chicago
Union Station (CUS)

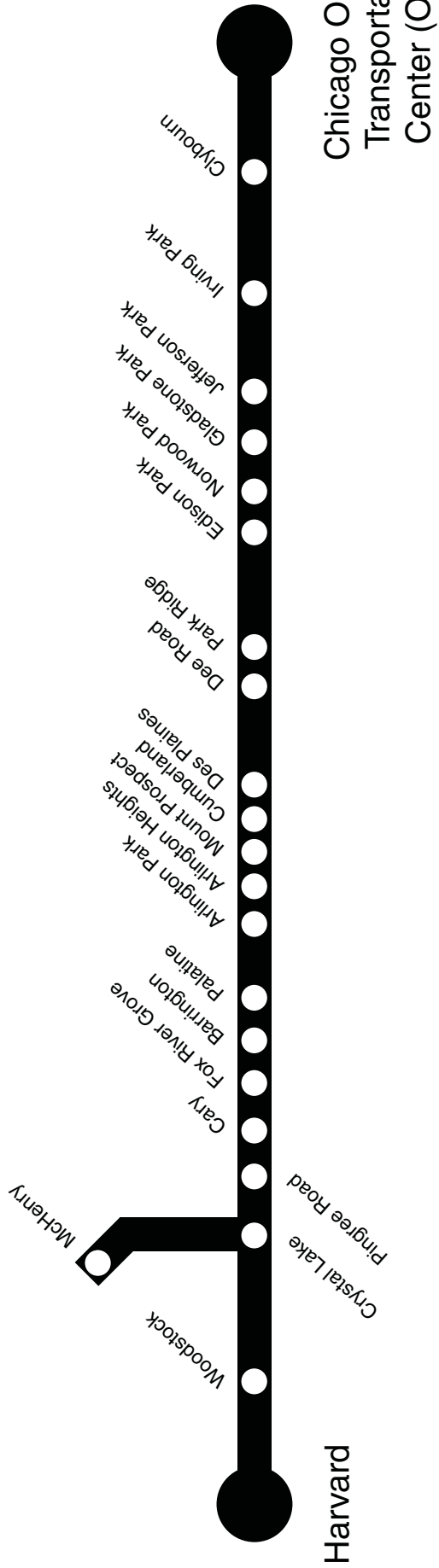
Union Pacific North Line



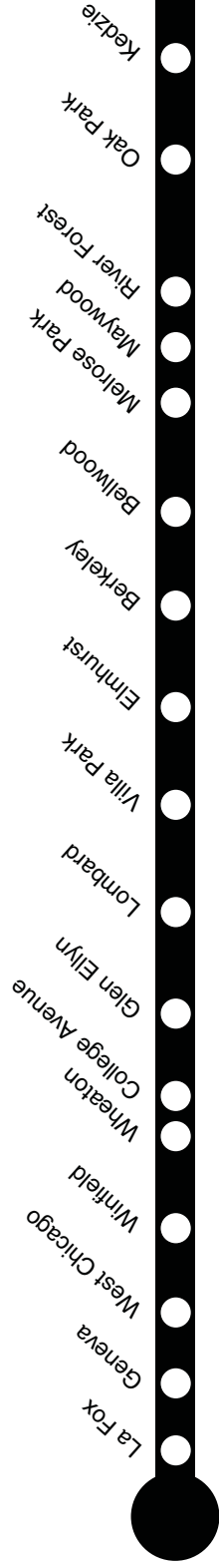
For Design Intent Only

*potential new station

Union Pacific Northwest Line



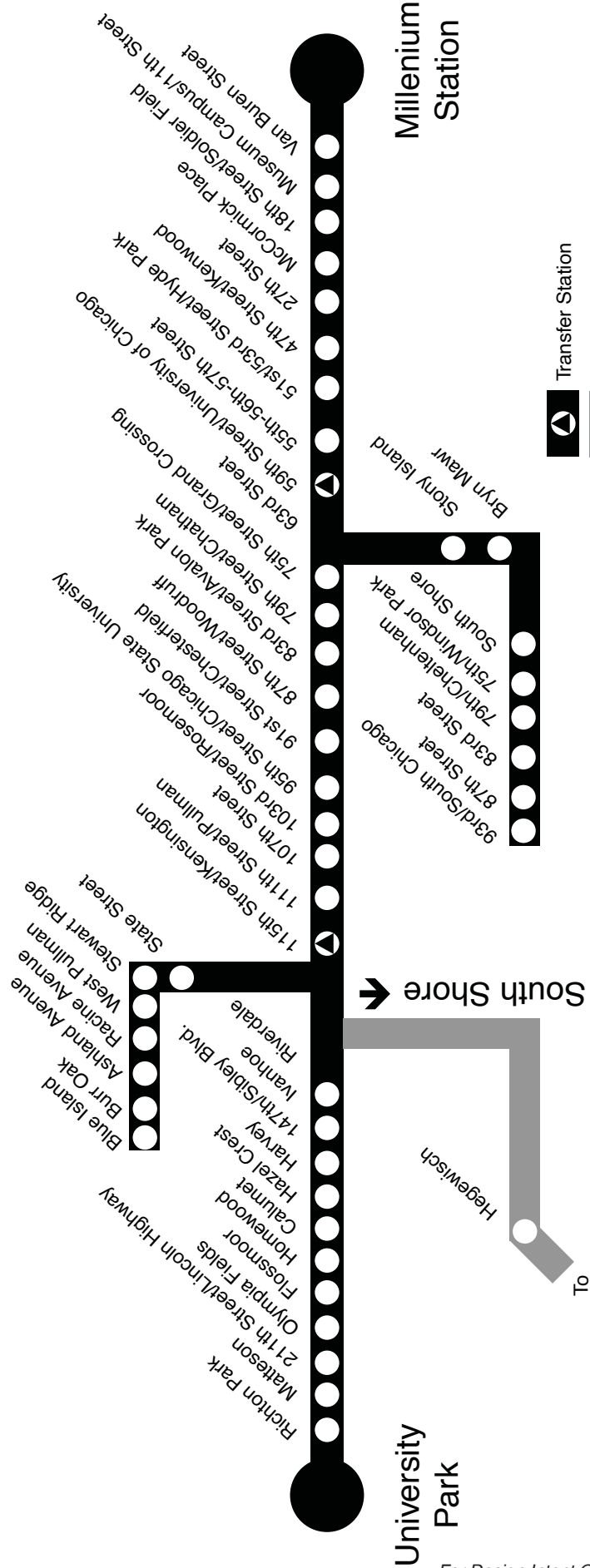
Union Pacific West Line



Elburn

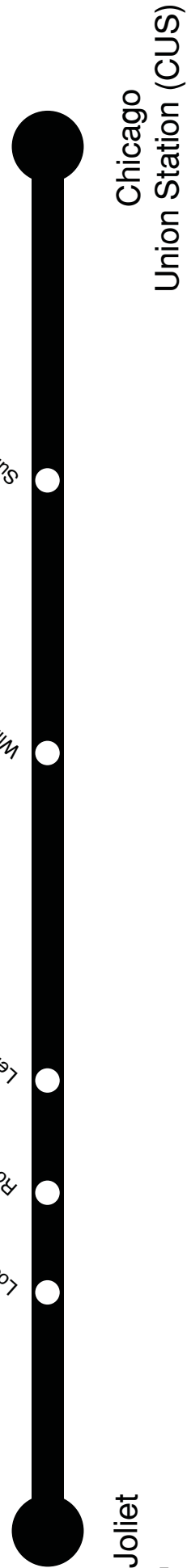
Chicago Ogilvie
Transportation
Center (OTC)

Metra Electric



For Design Intent Only

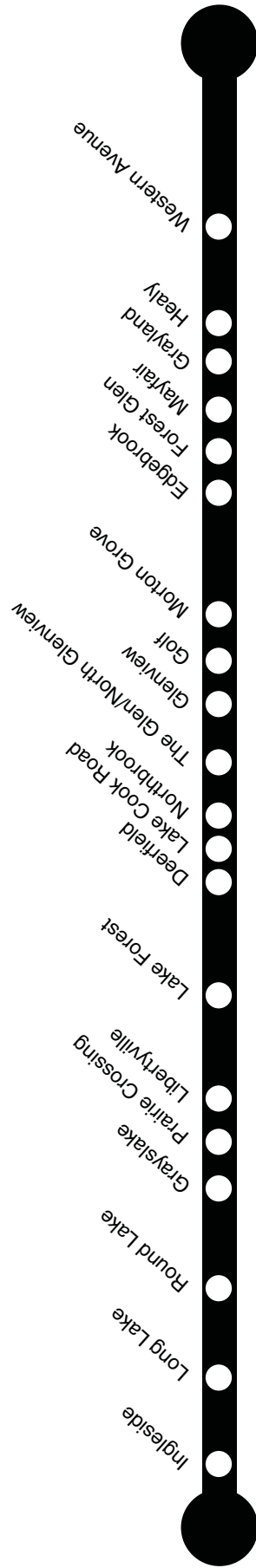
Heritage Corridor



For Design Intent Only

*potential new station

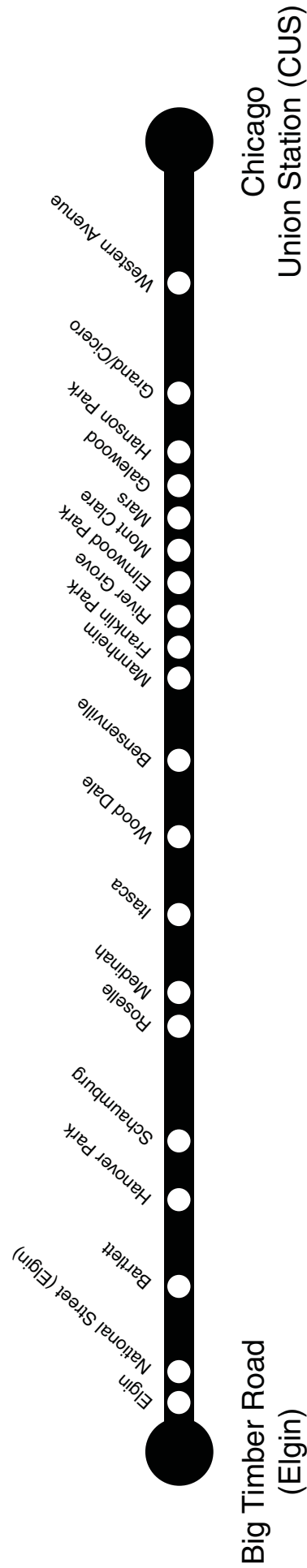
Milwaukee District North Line



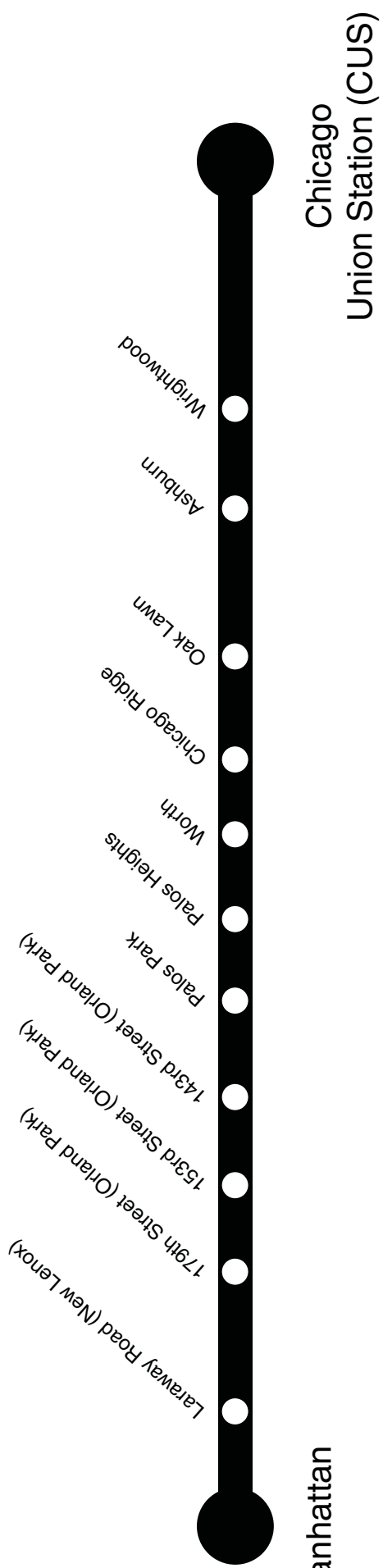
Fox Lake

Chicago
Union Station (CUS)

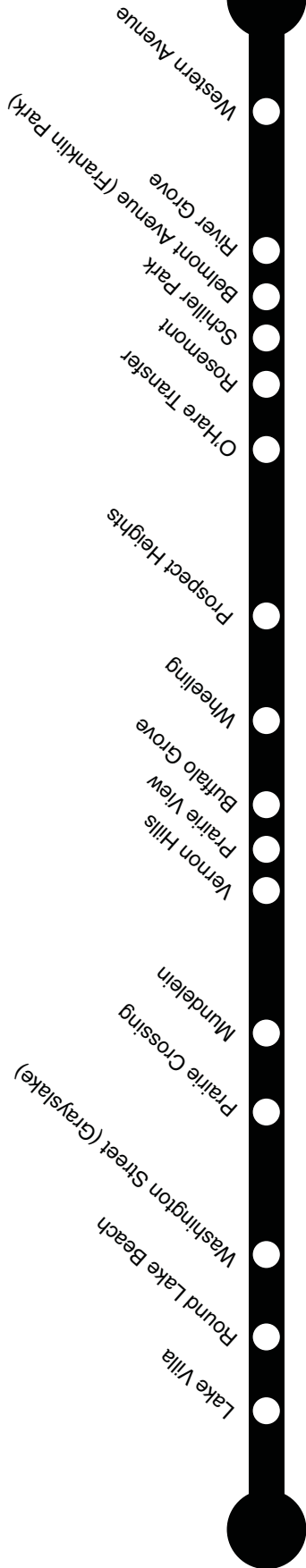
Milwaukee District West Line



SouthWest Service



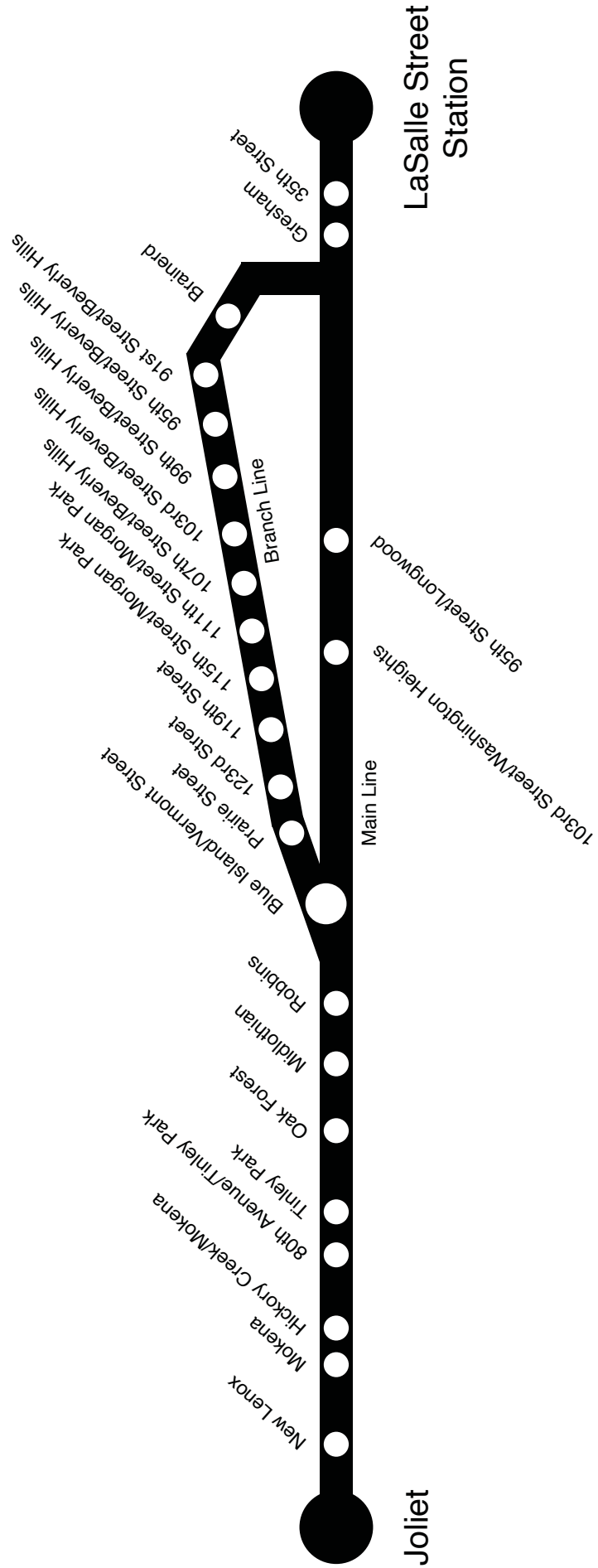
North Central Service



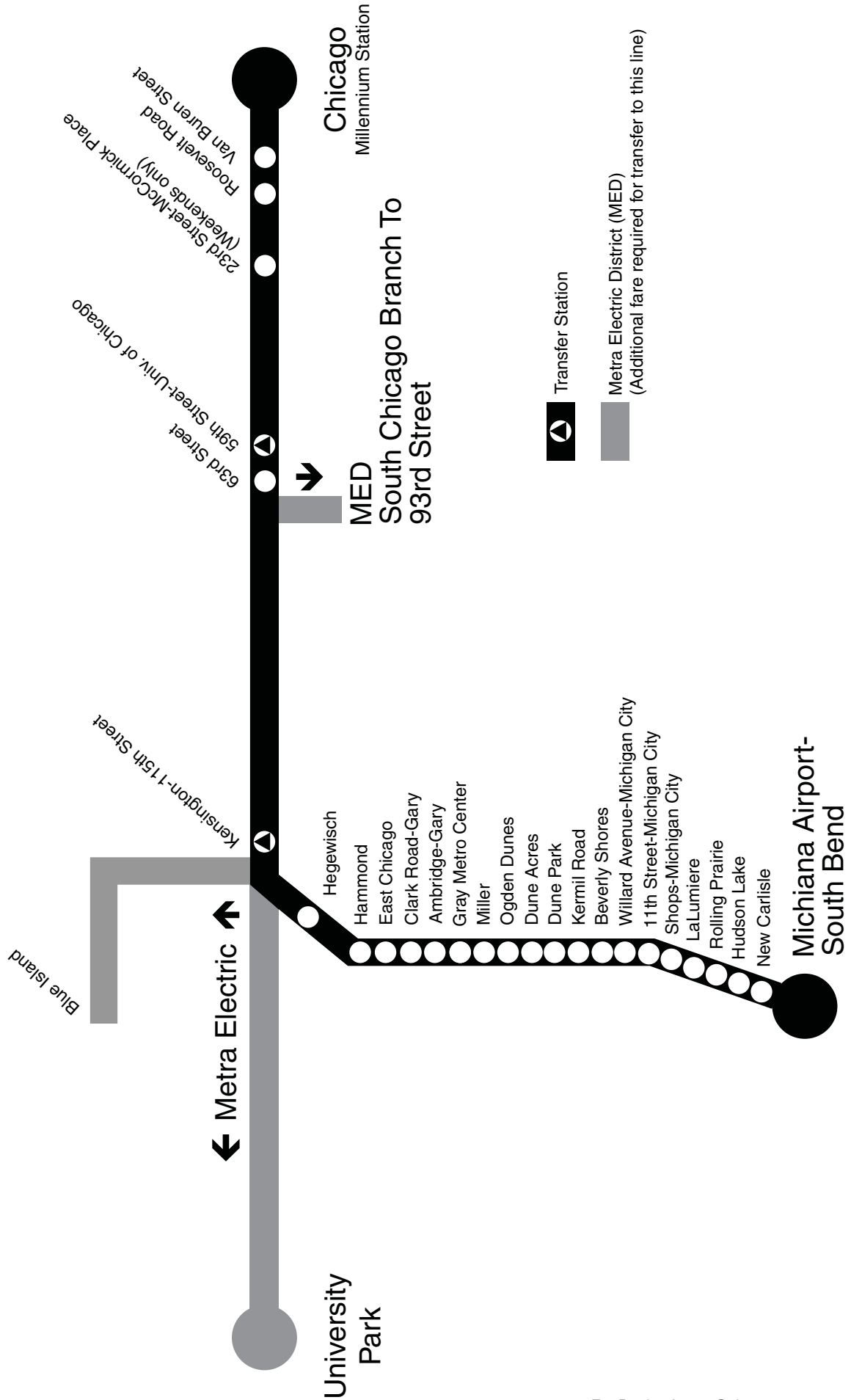
Antioch

Chicago
Union Station (CUS)

Rock Island



South Shore Line



SIGN TYPES

<i>Sign type 1</i>	Primary Station Identifier
<i>Sign type 2</i>	Parallel Platform Station Identifier
<i>Sign type 3</i>	Information Display Board
<i>Sign type 4</i>	Primary Identification / Directional
<i>Sign type 5</i>	Secondary Identification / Directional
<i>Sign type 6</i>	Door Identifier and Special Instruction Signs
<i>Sign type 7</i>	Tertiary Identification / Directional
<i>Sign type 8</i>	Vinyl Decal
<i>Sign type 9</i>	Trailblazer Sign
<i>Sign type 10</i>	Caution Sign

*Description:***Major Station Identifiers**

These signs are used to identify stations for passengers, operating personnel, pedestrians and motorists. The station name is used in conjunction with the Metra logo. Three sizes of these sign types are available, to be used in accordance with structure size. There is a one line and two line condition for the major station identifiers, since some stations have secondary names.

Minor Station Identifiers

The main purpose of the 1D sign is to identify the station for commuters, specifically the visually impaired. The station name appears in tactile letters and braille. It is to be placed at the station entrance on the platform side. Location shall be as uniform as possible within the system. A secondary sign panel may also be used to provide phone numbers and addresses for commuter information in tactile and braille form, or to display the Metra logo.

Mounting for
Major Station Identifiers:

Signs shall be mounted to the roof, eaves or side of station structure, both parallel and perpendicular to the tracks, as appropriate. All signs must be capable of being surface, roof, or eave mounted. All surface mounted signs are to be supplied with one-way tamper proof screws and should be compatible with wood, metal or masonry surfaces. Mounting system for roof mounted signs must accommodate roofs of varying slopes (see page 247 - 249). All signs shall utilize vertical mountings.

Mounting for
Minor Station Identifiers:

Surface mounted signs are to be supplied with one-way tamper proof screws compatible with wood, metal or masonry surfaces (see page 250).

Mounting conditions for post mounted signs include concrete, asphalt, dirt, and wooden platforms. Signs must be capable of being mounted by concrete embedment or plate and anchor bolts (see page 244 - 246).

Concrete Embedment

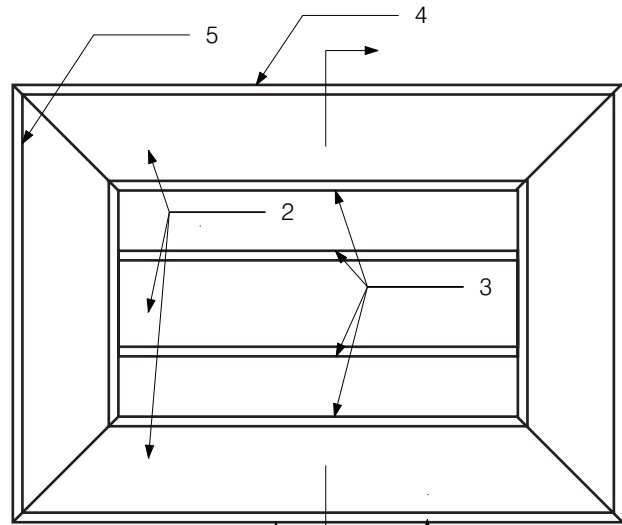
Aluminum posts are typically embedded 3 ft. directly into concrete footings. Add the distance below grade to post length for direct burial mounting.

Plate and Bolt Mounted

Welded aluminum flange plates are mechanically fastened to J-bolts or anchor bolts embedded into concrete footings.

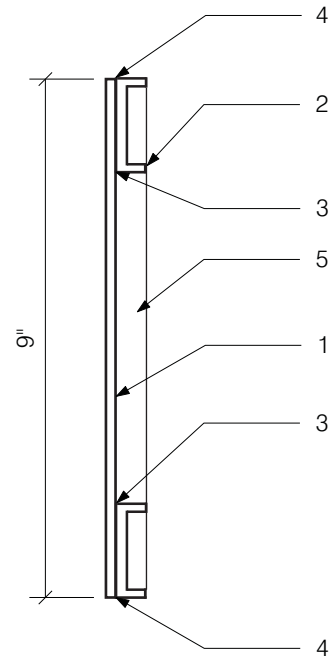
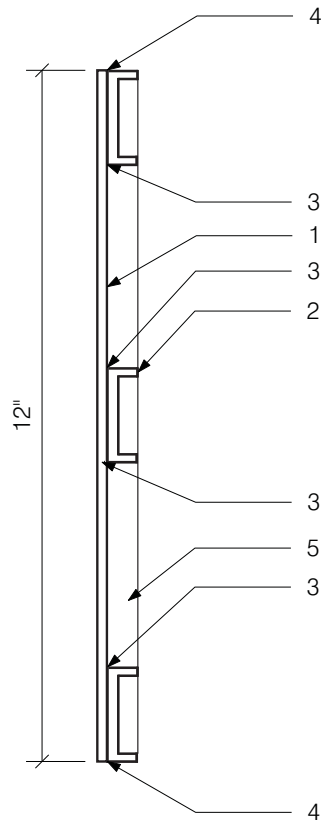
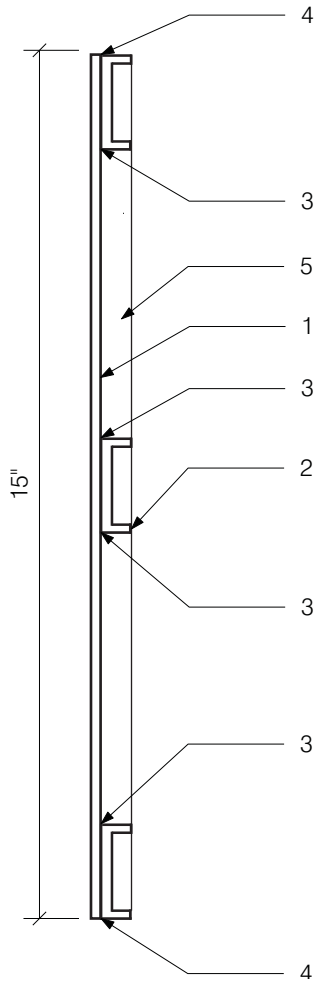
Following are specifications and schematics for Type 1 signs.

1. 0.125" Aluminum sign plate
2. 1 1/2" x 1/2" x 1/8" Continuous aluminum "U" channel supports full length of the sign face
3. Continuous weld bead Typ.
4. Continuous weld to be ground smooth on outer perimeter of sign plate
5. End closure channel



Detail of Back

Continuous Aluminum "U" Channel Typ.



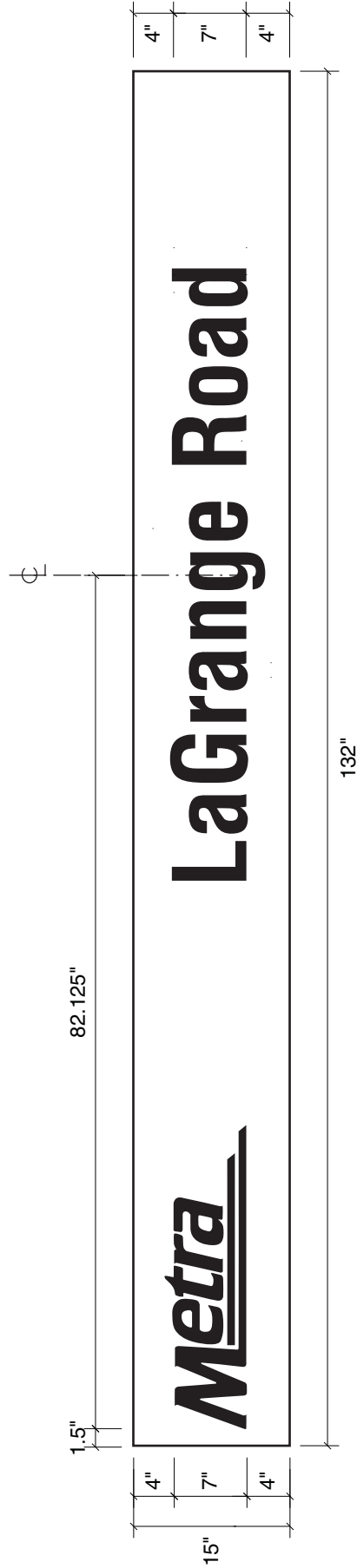
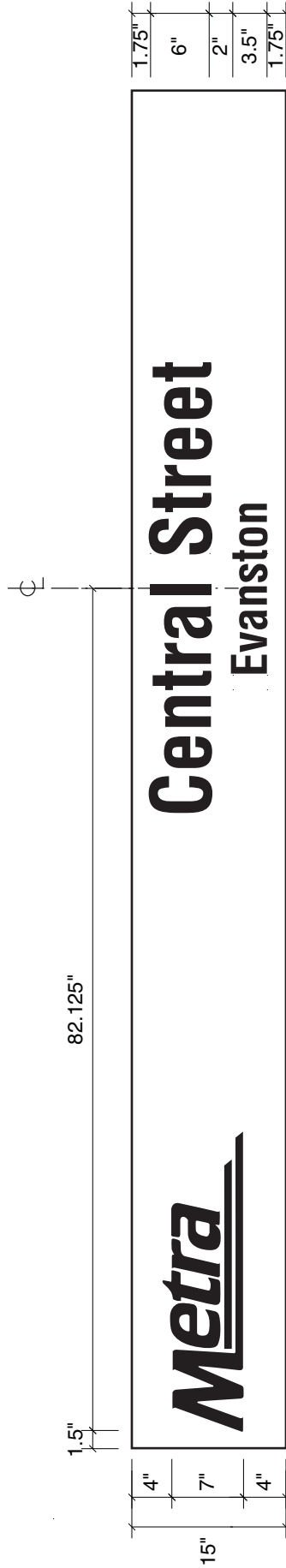
SIGN TYPE 1**Primary Station Identifier
Sign Types**

Sign Type 1:

- 1B Major Station Identifier (15"H x 132"W)
- 1C Major Station Identifier (12"H x 98.5"W)
- 1D Minor Station Identifier with Braille (12"H x 26"W)
- 1Da Minor Station Identifier with Braille (4 1/2"H x 9"W)
- 1E Major Station Identifier with Amtrak Logo (15"H x 132"W)
- 1F Major Station Identifier with Amtrak Logo (12"H x 98.5"W)
- 1G Major Station Identifier (9"H x 72"W)
- 1H Major Station Identifier with NICTD Logo (15"H x 132"W)
- 1J Major Station Identifier with NICTD Logo (12"H x 98.5"W)

SIGN TYPE 1B**Major Station Identifier (15”H x 132”W)
Specifications**

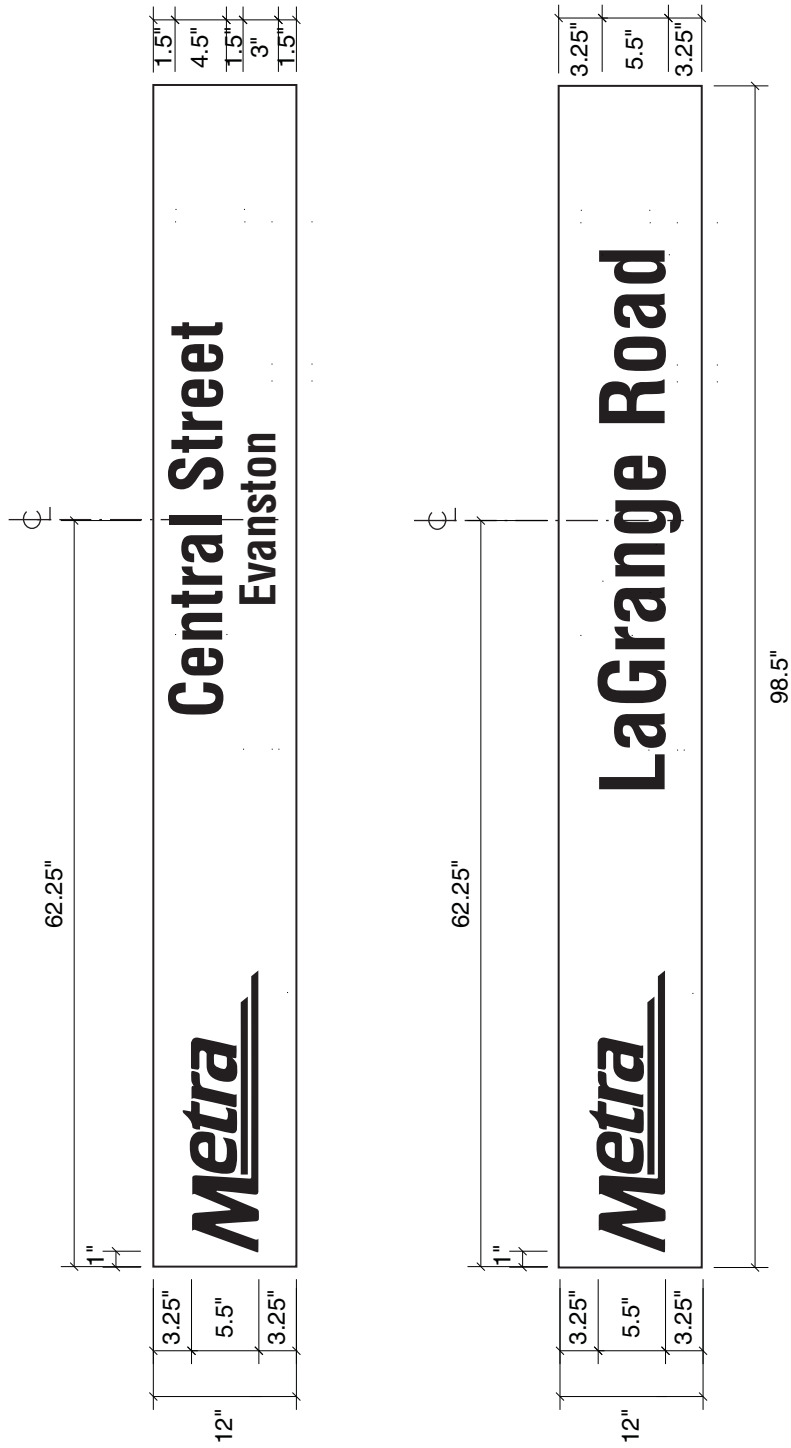
<i>Size:</i>	15” H X 132” W
<i>Material:</i>	.125” Aluminum plate with continuous aluminum “C” channel (See details on page 37)
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	One line condition - 7” Cap height Two line condition - 6” Cap height on station name 3 1/2” Cap height on secondary name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White



Scale: 3/4" = 1'-0"

SIGN TYPE 1C**Major Station Identifier (12”H x 98.5”W)
Specifications**

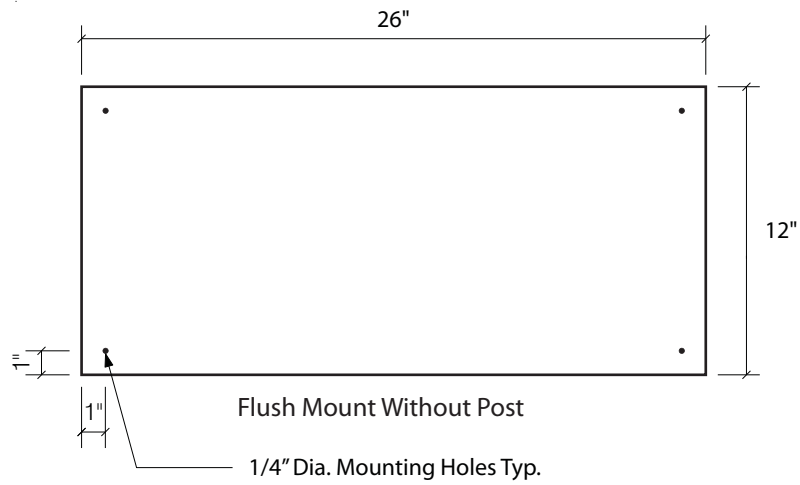
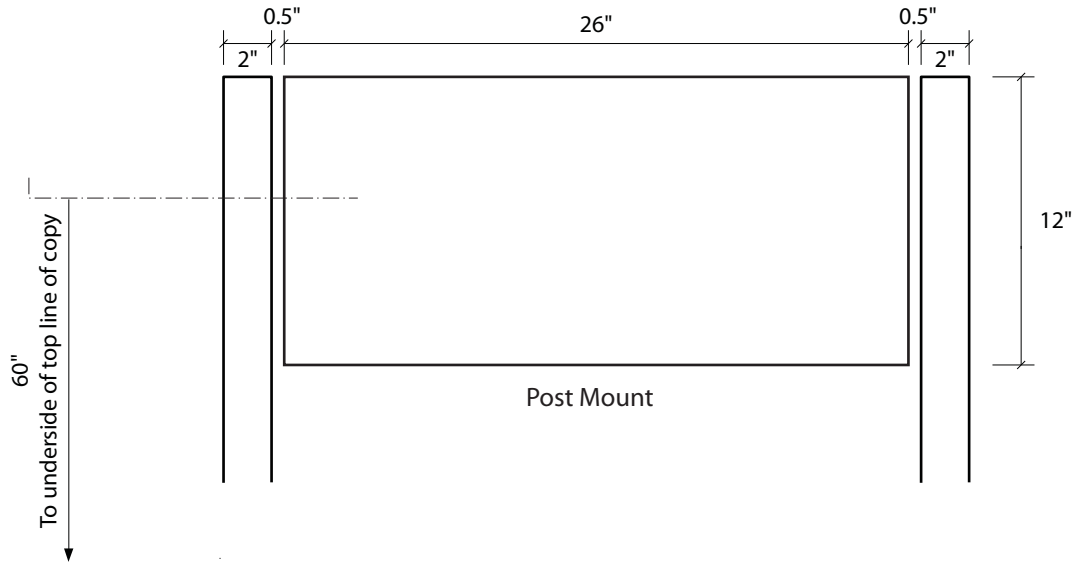
<i>Size:</i>	12” H X 98.5” W
<i>Material:</i>	.125” Aluminum plate with continuous aluminum “C” channel (See details on page 37).
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	One line condition - 5 1/2” Cap height Two line condition - 4 1/2” Cap height on station name 3” Cap height on secondary name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White



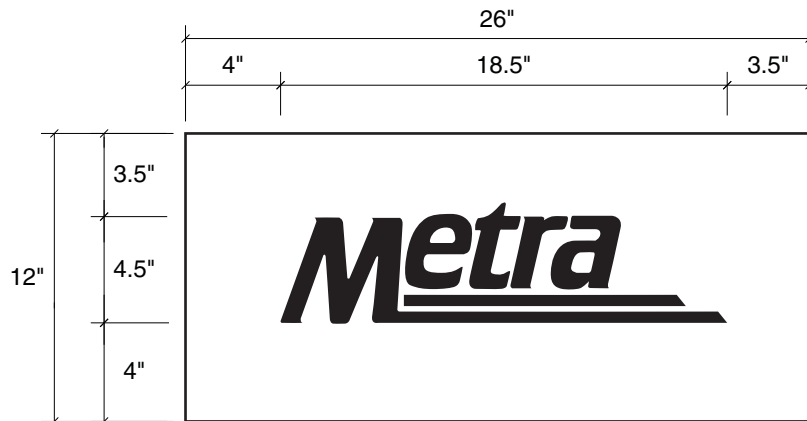
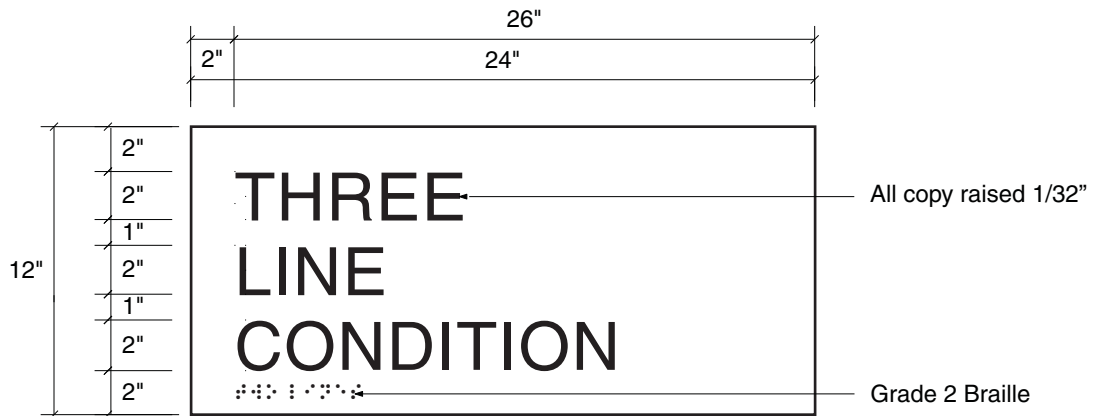
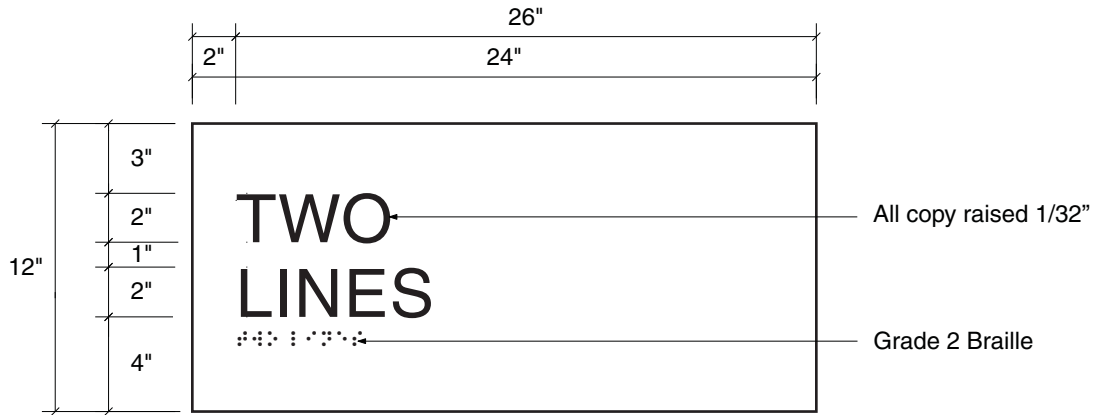
Scale: 3/4" = 1'-0"

SIGN TYPE 1D**Minor Station Identifier with Braille (12”H x 26”W)
Specifications**

<i>Post Height:</i>	Varies
<i>Mounting Height:</i>	60” to underside of 1st line of copy
<i>Post Material:</i>	2” x 2” aluminum (Used for ground-mounted. Same post as sign type 2A and 4)
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Panel Size:</i>	12” H x 26” W
<i>Panel Material:</i>	Etched zinc, constructed of materials that are vandal-resistant, and scratch, fade and weather resistant. (See details on pages 61).
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Tactile Copy:</i>	Letters raised 1/32” by metal etched process.
<i>Letterform:</i>	Helvetica Medium upper case or Metra logo
<i>Copy Size:</i>	2” cap height 4 1/2 height of “M” in “METRA” when logo is used
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Braille:</i>	Grade 2 Rastors by metal etched process.



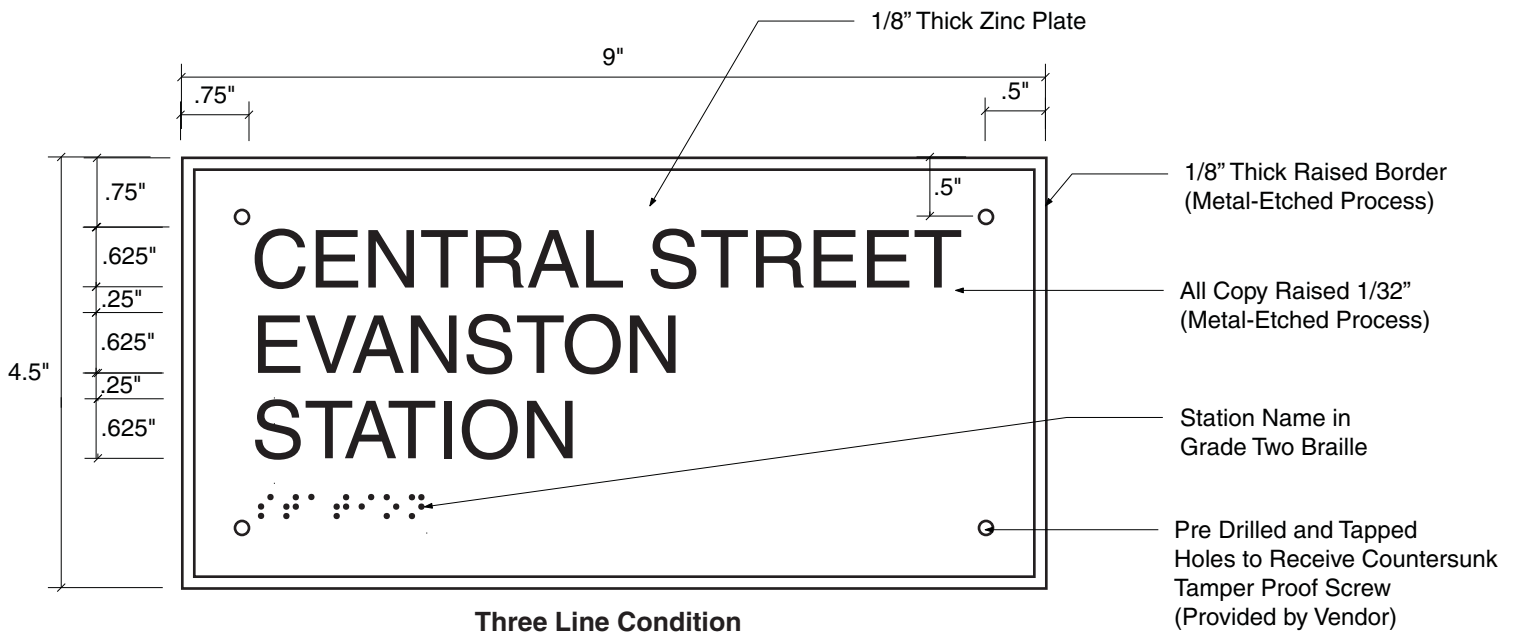
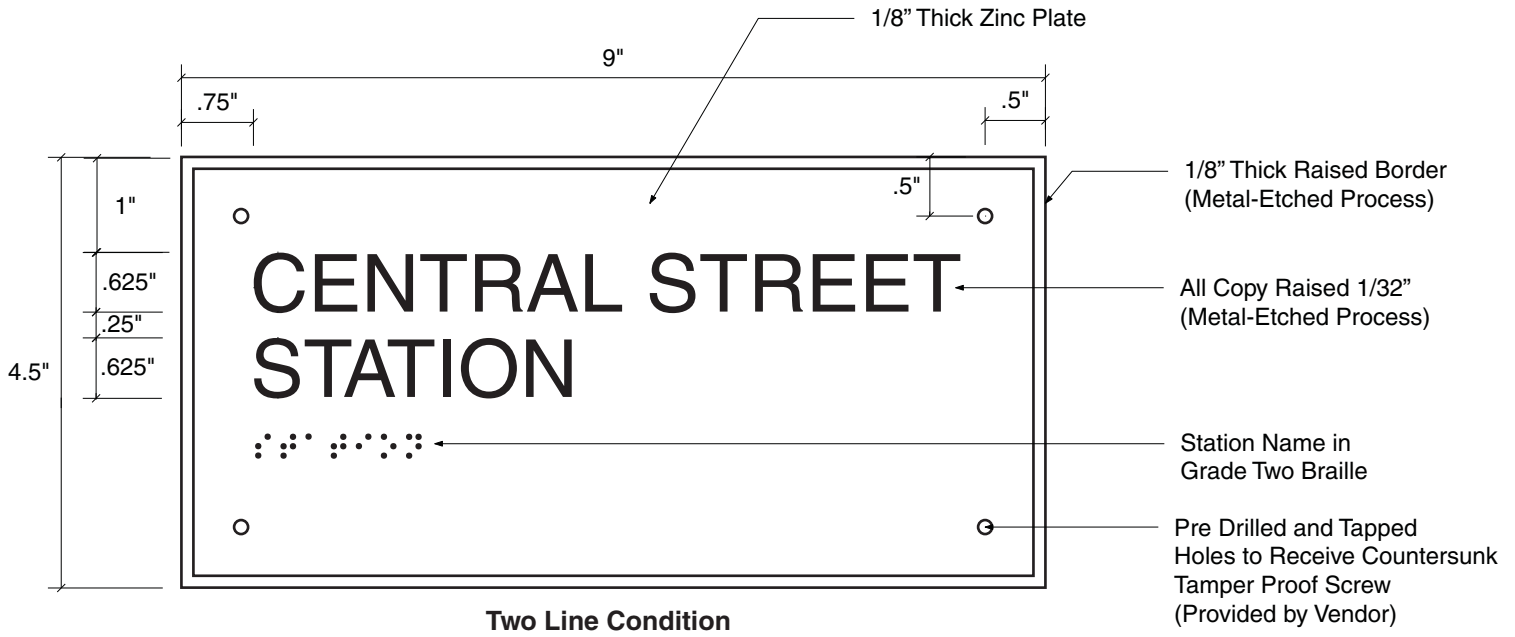
Scale: 1 1/2" = 1'-0"



Scale: 1 1/2" = 1'-0"

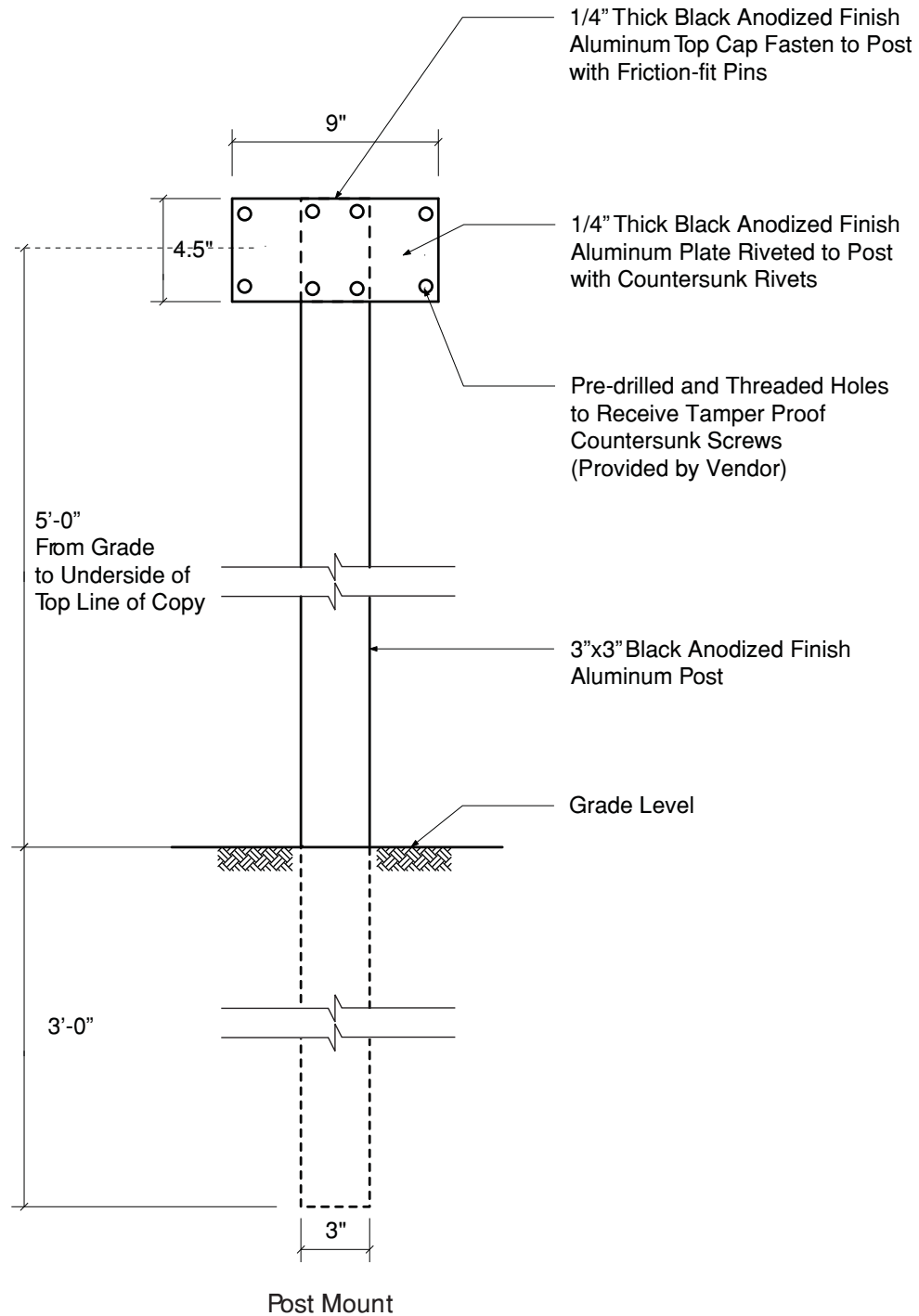
SIGN TYPE 1Da**Minor Station Identifier with Braille (4 1/2”H x 9”W)
Specifications**

<i>Post Height:</i>	8’-5”
<i>Mounting Height:</i>	60” to underside of 1st line of copy
<i>Post Material:</i>	3” x 3” aluminum post welded to 4 1/2” x 9” x 1/4” aluminum plate with 4 holes to receive sign panel
<i>Post & Plate Color</i>	Black anodized finish
<i>Panel Size:</i>	4 1/2” H x 9” W
<i>Material:</i>	Sign panel to be 1/8” thick vandal-resistant zinc material. It shall be scratch, fade and weather resistant.
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Tactile Copy:</i>	Letters raised 1/32” by metal etched process.
<i>Letterform:</i>	Helvetica Medium upper case
<i>Copy Size:</i>	5/8” cap height
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Border Color:</i>	White
<i>Braille:</i>	Grade 2 Rastors by metal etched process.



Note: Grade Two Braille drawn is merely representational.

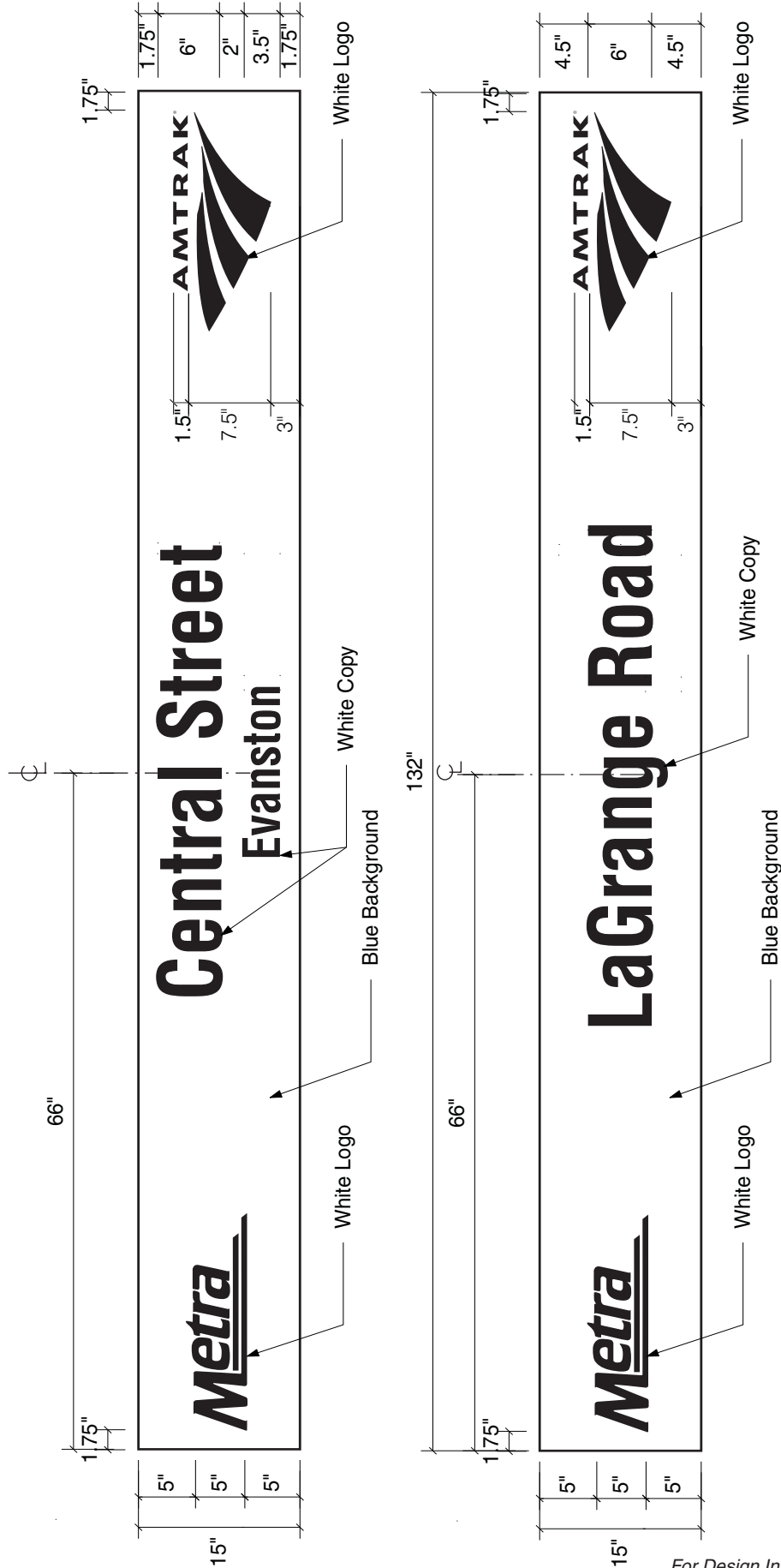
Scale: Half Size



Scale: 1 1/2" = 1'-0"

SIGN TYPE 1E**Major Station Identifier with Amtrak Logo (15”H x 132”W)
Specifications**

<i>Size:</i>	15” H X 132” W
<i>Material:</i>	.125” Aluminum plate with continuous aluminum “C” channel (See details on page 37)
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case, Metra logo and Amtrak logo
<i>Copy Size:</i>	One line condition - 6” Cap height on station name Two line condition - 6” Cap height on station name 3 1/2” Cap height on secondary name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White

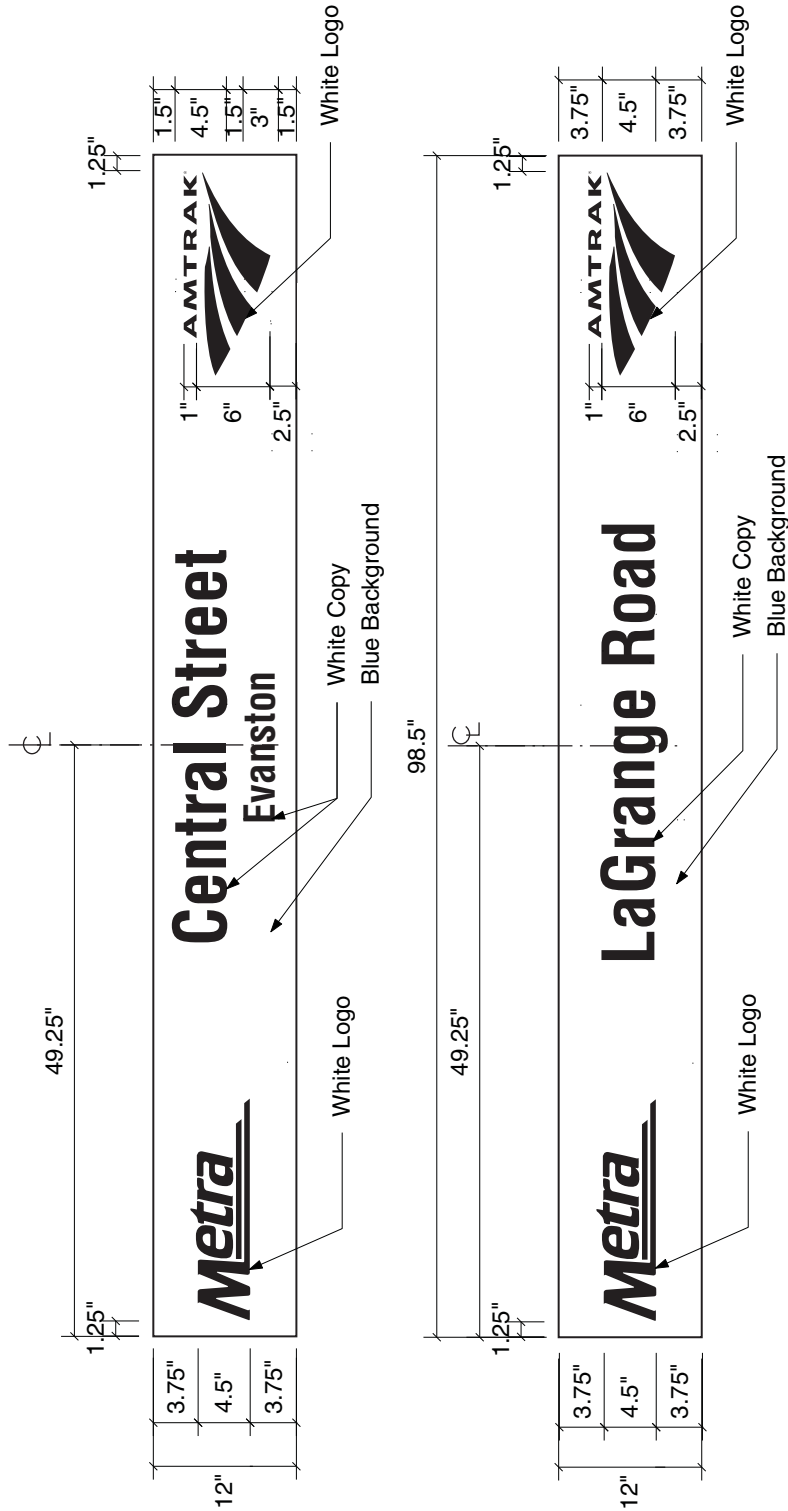


Scale: 3/4" = 1'-0"

For Design Intent Only

SIGN TYPE 1F**Major Station Identifier with Amtrak Logo (12”H x 98.5”W)
Specifications**

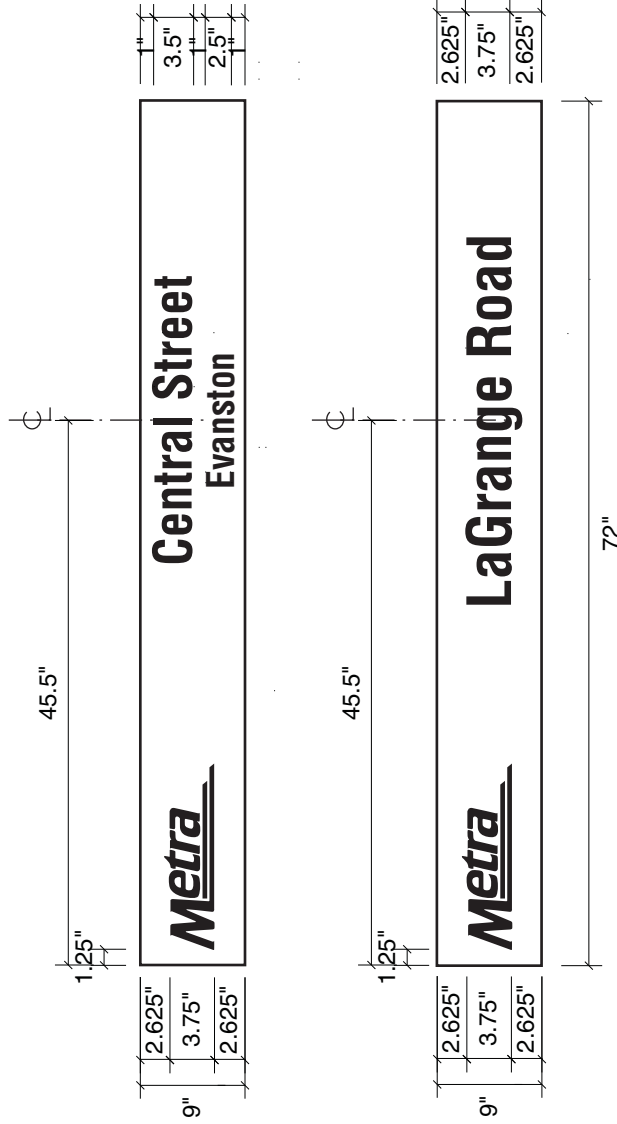
<i>Size:</i>	12” H X 98.5” W
<i>Material:</i>	.125” Aluminum plate continuous aluminum “C” channel (See details on page 37)
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	One line condition - 4 1/2” Cap height on station name Two line condition - 4 1/2” Cap height on station name 3” Cap height on secondary name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White



Scale: 3/4" = 1'-0"

SIGN TYPE 1G**Major Station Identifier (9"H x 72"W)
Specifications**

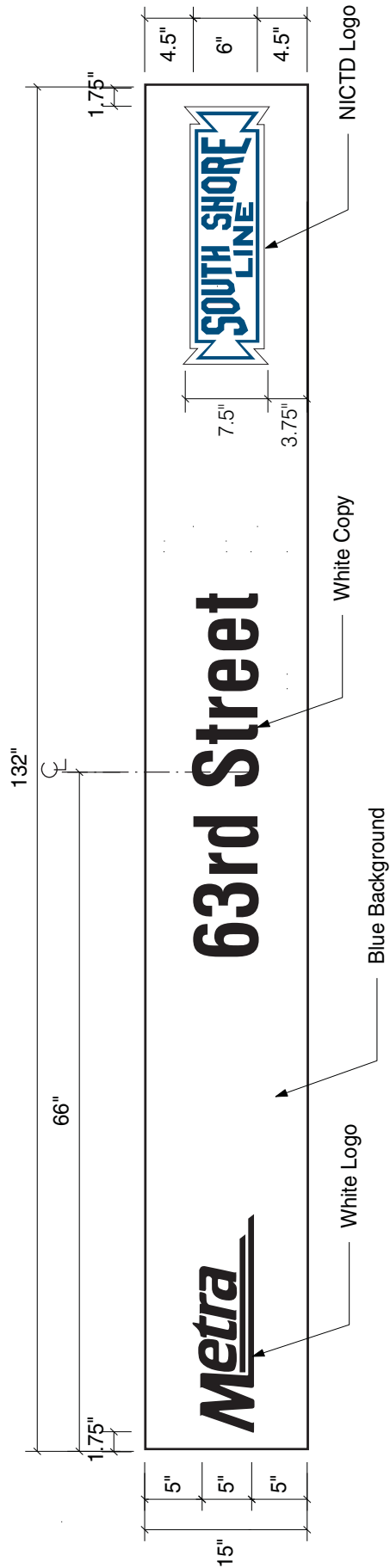
<i>Size:</i>	9" H X 72"W
<i>Material:</i>	.125" Aluminum plate with continuous aluminum "C" channel (See details on page 37)
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	One line condition - 3 3/4" Cap height on station name Two line condition - 3 1/2" Cap Height on station name 2 1/2" Cap height on secondary name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White



Scale: 3/4" = 1'-0"

SIGN TYPE 1H**Major Station Identifier with NICTD Logo (15”H x 132”W)
Specifications**

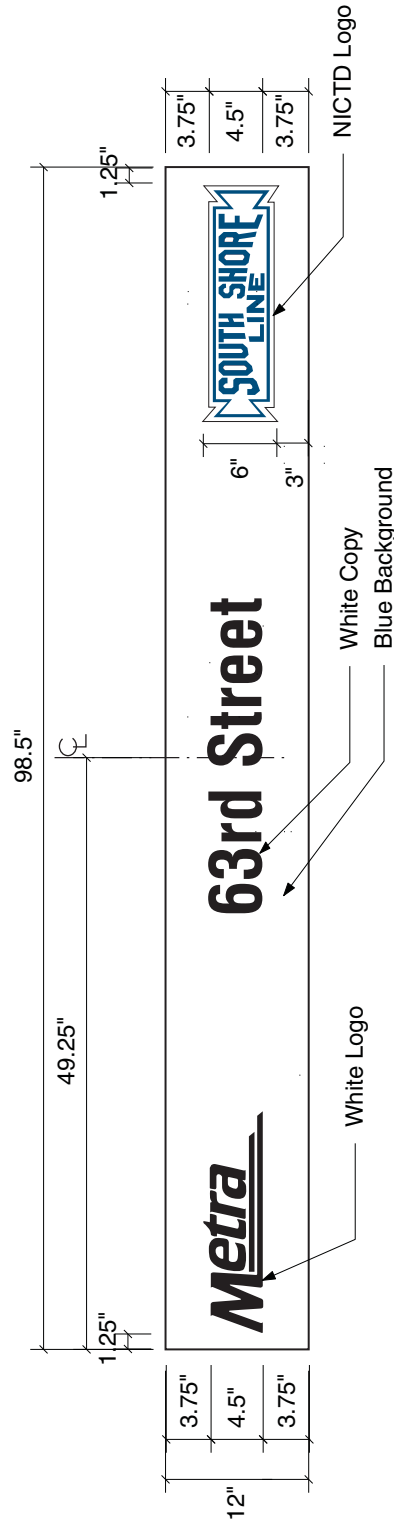
<i>Size:</i>	15” H X 132” W
<i>Material:</i>	.125” Aluminum plate with continuous aluminum “C” channel (See details on page 37)
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case, Metra logo and NICTD logo
<i>Copy Size:</i>	6” Cap height on station name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White



Scale: 3/4" = 1'-0"

SIGN TYPE 1J**Major Station Identifier with NICTD Logo (12”H x 98.5”W)
Specifications**

<i>Size:</i>	12” H X 98.5” W
<i>Material:</i>	.125” Aluminum plate with continuous aluminum “C” channel (See details on page 37)
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case, Metra Logo, and NICTD Logo
<i>Copy Size:</i>	4 1/2” Cap height on station name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White



Scale: 3/4" = 1'-0"

Description:

These signs are used to identify stations for passengers who are riding or de-barking trains. They include the station name and may also include a second line to indicate track directions (To or From Chicago). The signs double as track directionals primarily at stations where projected signs are most vulnerable to vandalism. These signs can be one - or two -sided.

Signs will be post mounted in most cases and will be spaced along platforms, parallel to the tracks. Whenever possible, they will straddle light poles to help visibility at night. Signs are generally mounted 18" - 24" behind the platform. They should not be mounted on the platform to avoid interference with snow plowing. These signs may also be used along tracks where there is no platform, but must be at least 8'- 6" from the center of the track. If one-sided, copy will be on the side facing the tracks. A strip of reflective tape is placed across the back of these signs to avoid the possibility of someone walking into the sign.

Sign panels must be able to be removed and replaced on-site for cost effective sign maintenance.

Mounting:

Mounting conditions include concrete, asphalt, dirt and wooden platforms. All signs to be capable of being mounted through concrete embedment, plates and anchor bolts. All post mounted signs to be supplied with all posts, plates, and bolts.

Concrete Embedment

Aluminum posts are typically embedded 3'-0" directly into concrete footings. Add the distance below grade to post length for direct burial mounting. Refer to mounting detail on page 245.

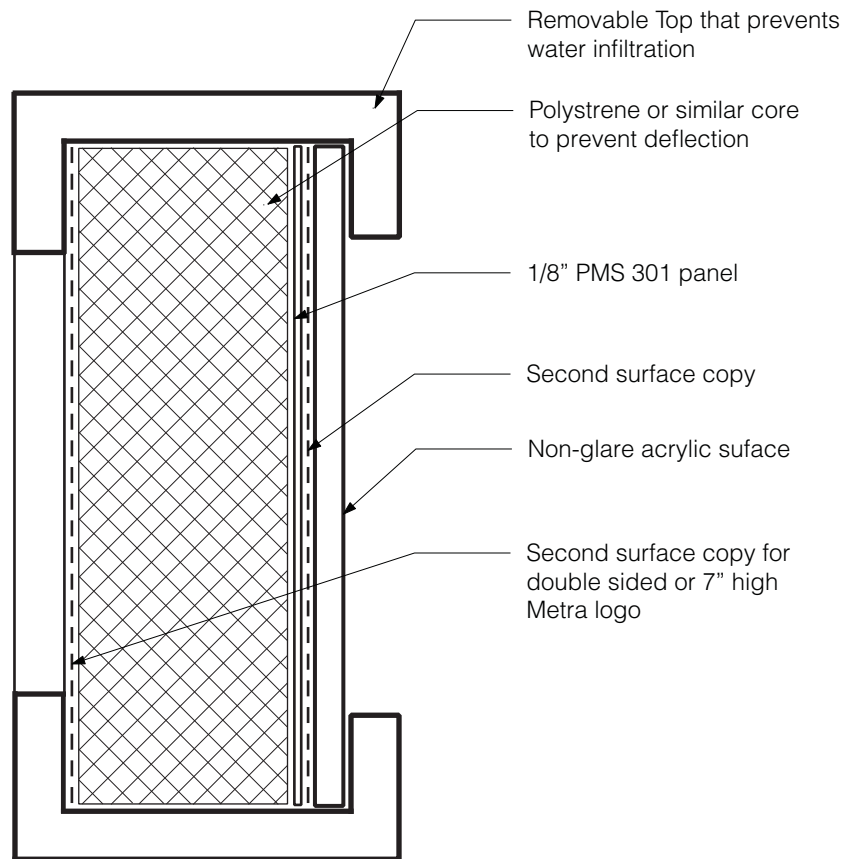
Plate and Bolt Mounted

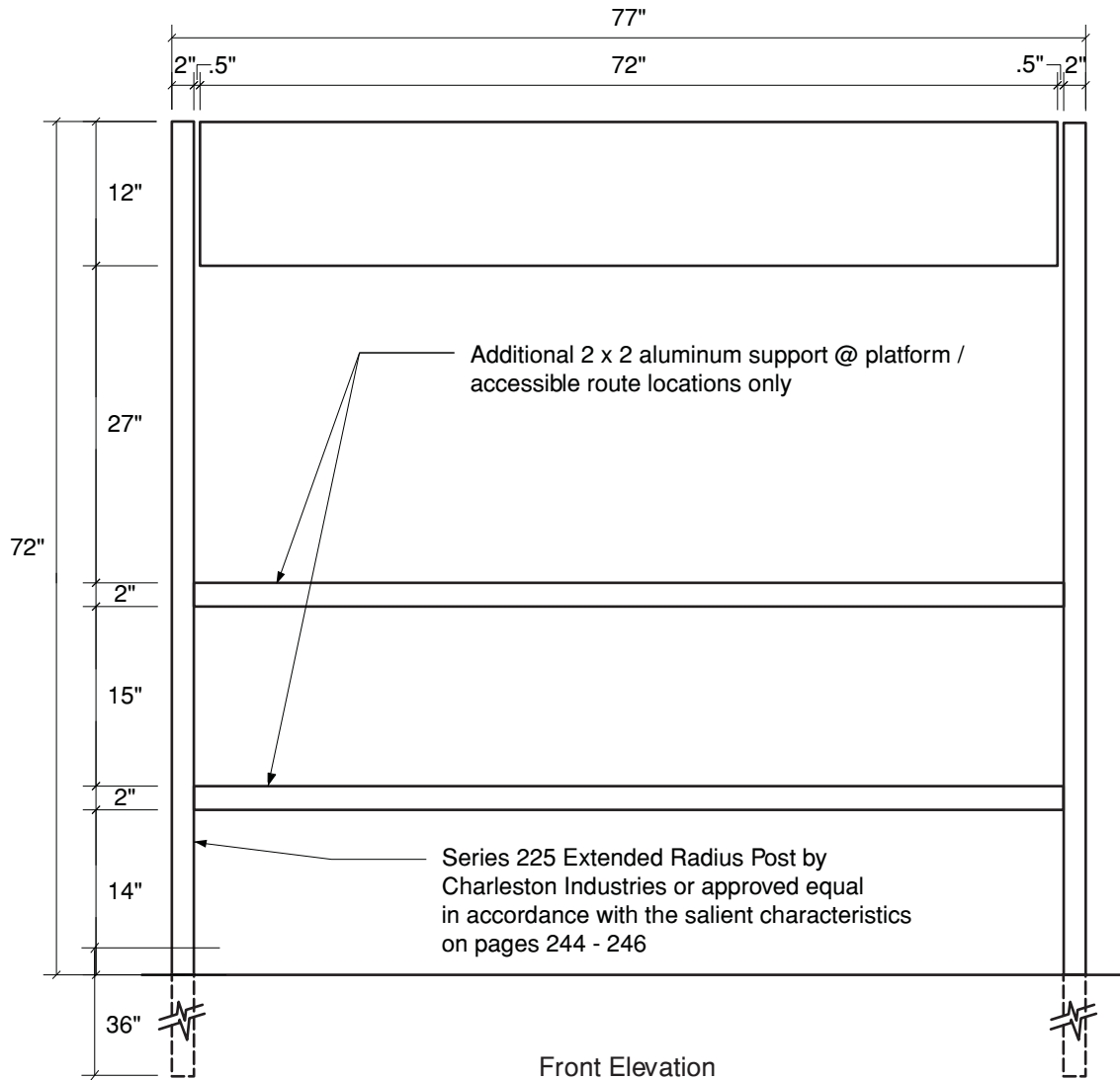
Welded aluminum flange plates are mechanically fastened to J-bolts or anchor bolts embedded into concrete footings. Refer to mounting detail on page 246.

PLEASE NOTE: 2A sign posts may need additional support to provide extra protection from hazards such as vandalism, cars, etc. Metra will determine if additional support is needed on a per station basis.

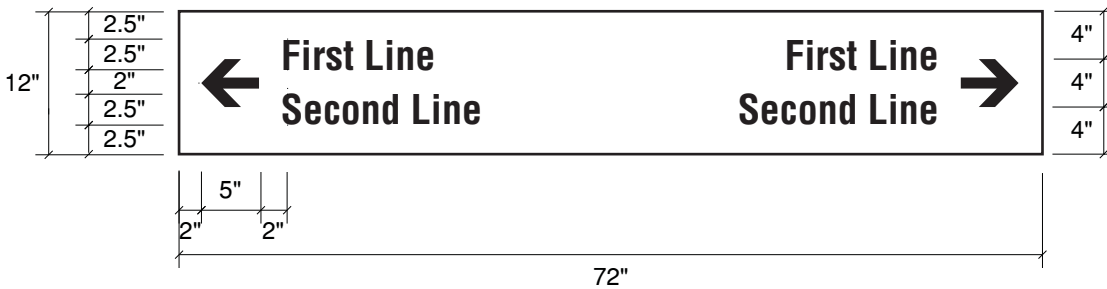
Following are specifications and schematics for Type 2 signs.

<i>Post Height:</i>	72" H from platform surface to top of post.
<i>Post Material:</i>	2" X 2" Aluminum Series 225 Extended Radius Post by Charleston Industries or approved equal in accordance with the salient characteristics on pages 244 - 246. (See page 62 for post design in an accessible path).
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Panel Size:</i>	12"H X 72"W
<i>Frame Material:</i>	Sign Panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather resistant.
<i>Frame Finish:</i>	Painted acrylic polyurethane w/UV inhibitors, Eggshell finish (11-19) degree gloss on 60 degree glossimeter). 1" reflective tape on back of sign - 1 1/2" from bottom edge.
<i>Frame Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters applied to the second surface (sub surface) of a 1/8" non- glare polycarbonate face panel. Background color shall be PMS 301.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Sze:</i>	4 1/2" Cap height on station name 2 1/2" Cap height on smaller line
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Symbol:</i>	Parallel tip arrow, Metra logo on back of sign (as directed by Metra)
<i>Symbol Size:</i>	2 1/2" H
<i>Symbol Color:</i>	White





Scale: 3/4" = 1'-0"

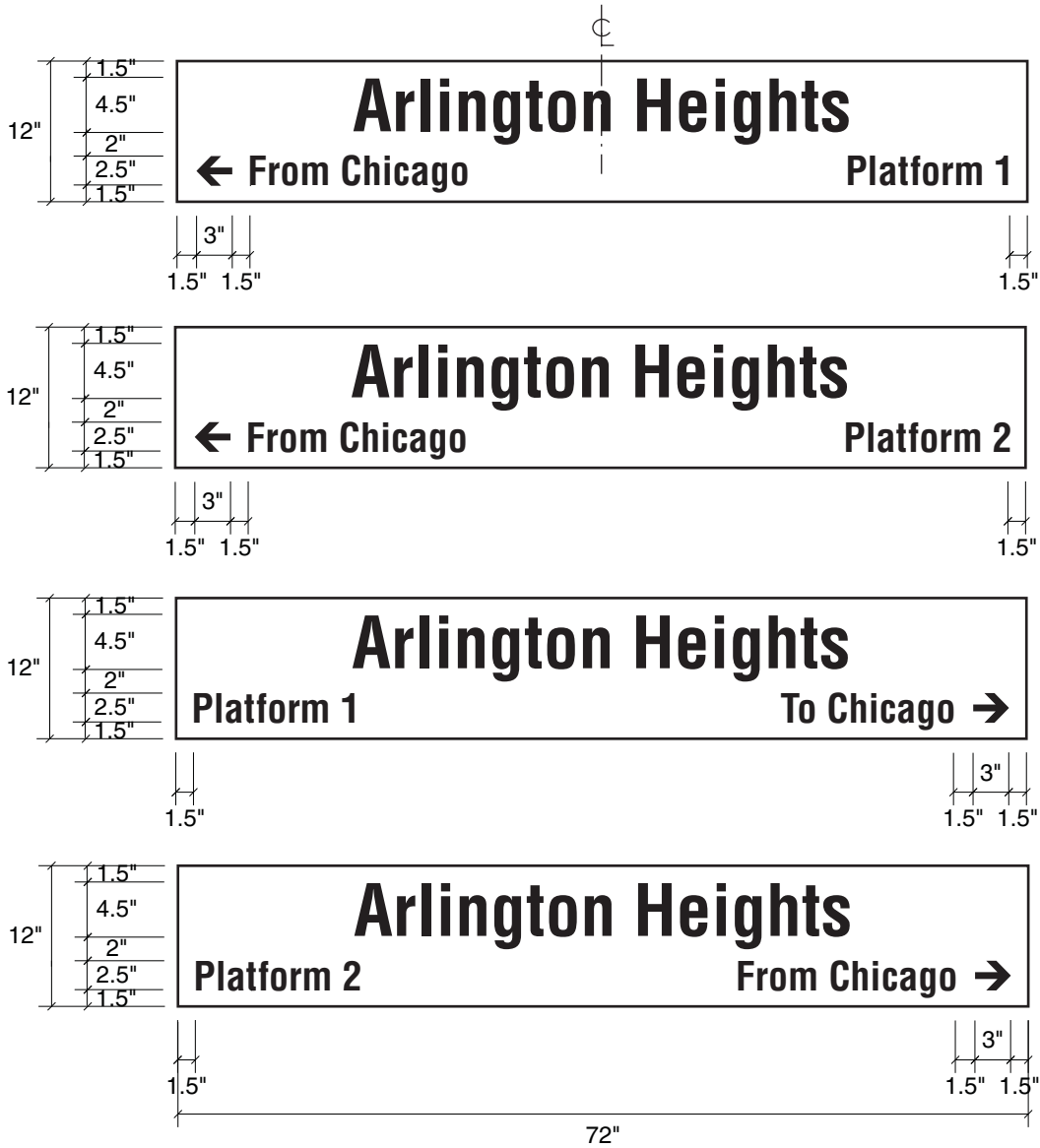


Rear 1



Rear 2

Reflective tape



Scale: 3/4" = 1'-0"

Description:

These signs provide helpful travel information for commuters at the station site. The “3A” consists of a Header Panel across the top which says “Information” (or in select cases, the station name); an Information Panel in the center which contains the Metra logo, addresses, phone numbers and maps; and two enclosed Display Boards (bulletin boards) on either side of the information panel. Information such as train schedules will be displayed and updated in these bulletin boards.

The display boards will have doors that swing open (from top) and must be weatherproof to avoid water leakage and condensation that can damage the interior of the bulletin board as well as the posted materials. All doors must be locked using the same key. The sign should be constructed so that the doors can be replaced without replacing the entire display board. The polycarbonate panel and tackboard should be able to be removed and replaced easily, on site without taking the entire sign apart.

The second version of this sign, “3B”, has only one display board, located to one side of the Information Panel.

The third version of the sign, “3C,” is a more current type of sign which contains all the information in a different manner. See detailed specifications and schematics for further information.

Type 3C

Size: 30 1/4”x41 3/4”
Material: 13 gauge, stainless steel frame with 1/4” white acrylic backing and 3/16” clear polycarbonate face and screws per details shown on page 72. Stainless steel frames shall be brushed finished with passive coating.
Mounting Height: 48” from finished grade to bottom of sign .

Type 3D

Size: 22 1/2”x23 1/2”
Material: 13 gauge stainless steel frame with 1/4” white acrylic backing and 3/16” clear polycarbonate face and screws per details shown on page 73. Stainless steel frames shall be brushed finished with passive coating.
Mounting Height: 48” from finished grade to bottom of sign.

Type 3E

Size: 22 1/2”x23 1/2”x1/4”
Material: Clear acrylic frame with routed edges, silk screened 2nd surface, one inch black border per details shown on page 74.
Mounting Height: 48” from finished grade to bottom of sign.

Type 3F

Size:	14 1/2"x11"x1/4"
Material:	Clear acrylic frame with routed edges, silk screened 2nd surface, one inch black border per details shown on page 75.
Mounting Height:	Varies

Type 3G

Size:	29 1/2"x41 1/2"x1/4"
Material:	Clear acrylic frame with routed edges, silk screened 2nd surface, one inch black border per details shown on page 75.
Mounting Height:	48" from finished grade to bottom of sign.

One sign will be located at each station, usually near the main building area and parallel to the tracks. Signs may be posted or wall mounted, depending on station conditions. Where possible, the sign will be positioned under an eave or roof for protection.

Mounting:

All signs must be capable of being mounted through concrete embedment, plates and anchor bolts, and wall mounting. All posts and wall mounted signs are to be supplied with all posts, plates, bolts, and/or end caps.

Concrete Embedment

Aluminum posts are typically embedded 42" directly into concrete footings. Add the distance below grade to post length for direct burial mounting.

Plate and Bolt Mounted

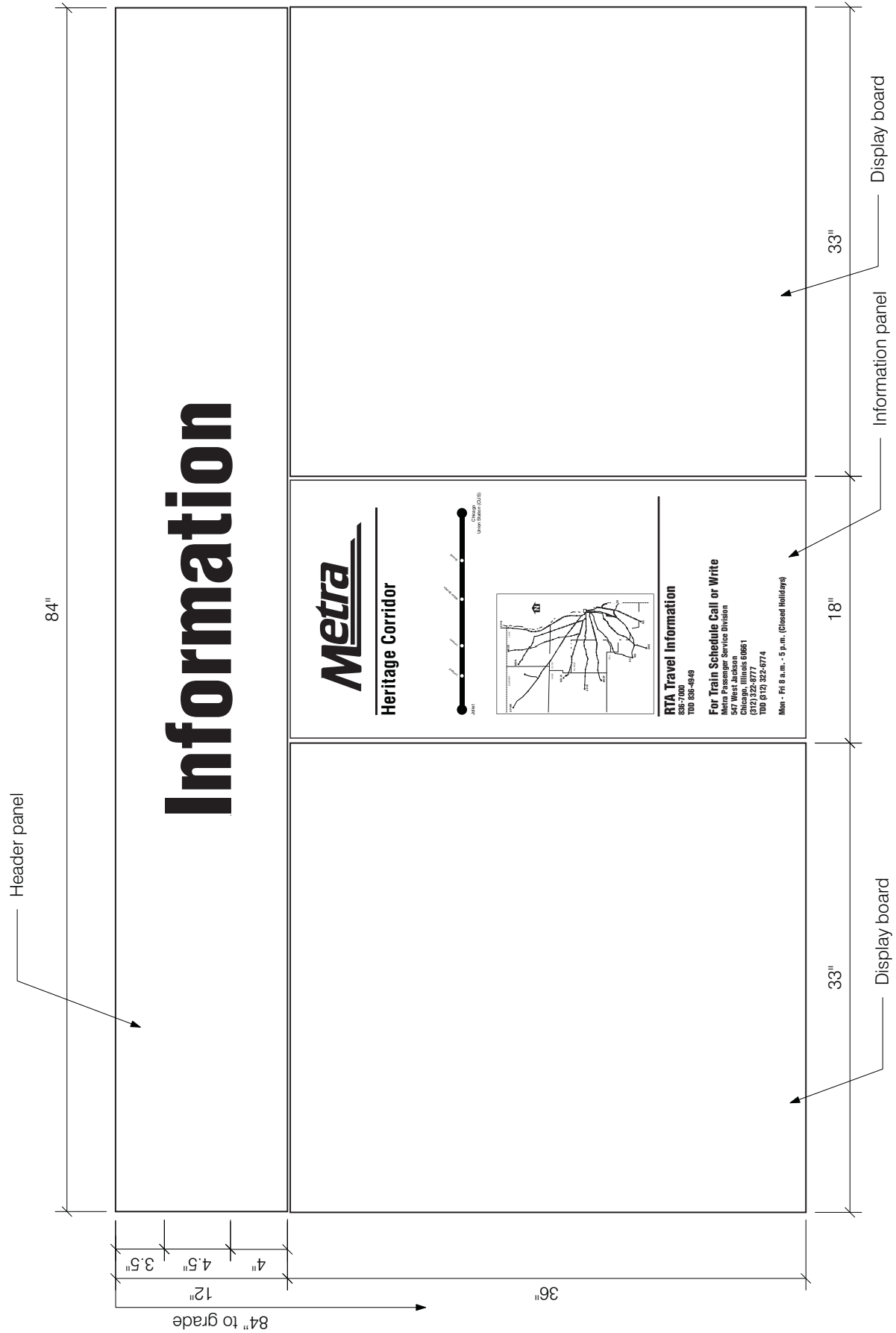
Welded aluminum flange plates are mechanically fastened to J-bolts or anchor bolts embedded into concrete footings.

Wall Mounted

Extruded aluminum end sections are mechanically fastened to wall with anchor bolts.

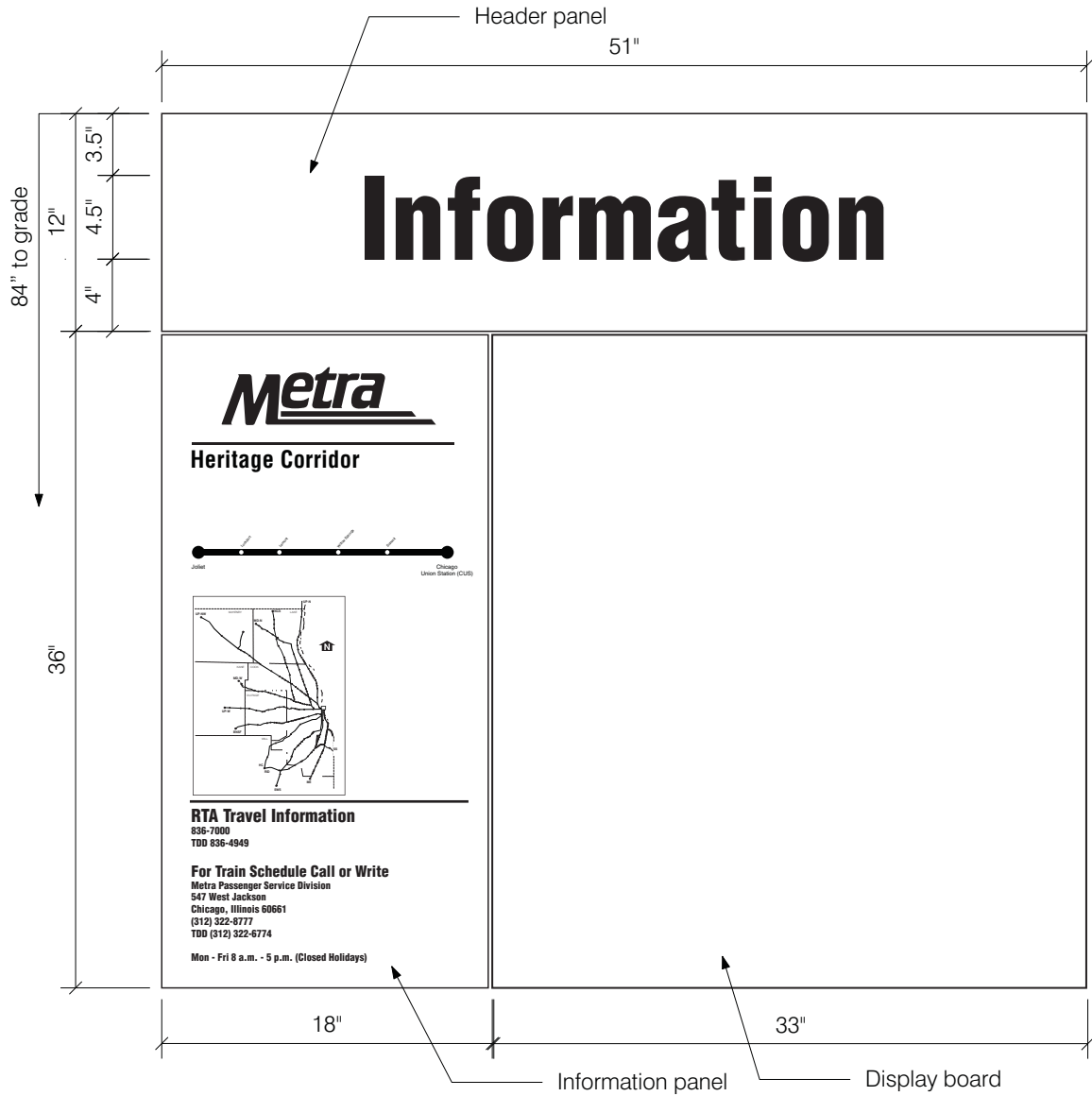
SIGN TYPE 3A**Large Information Display Board
Specifications**

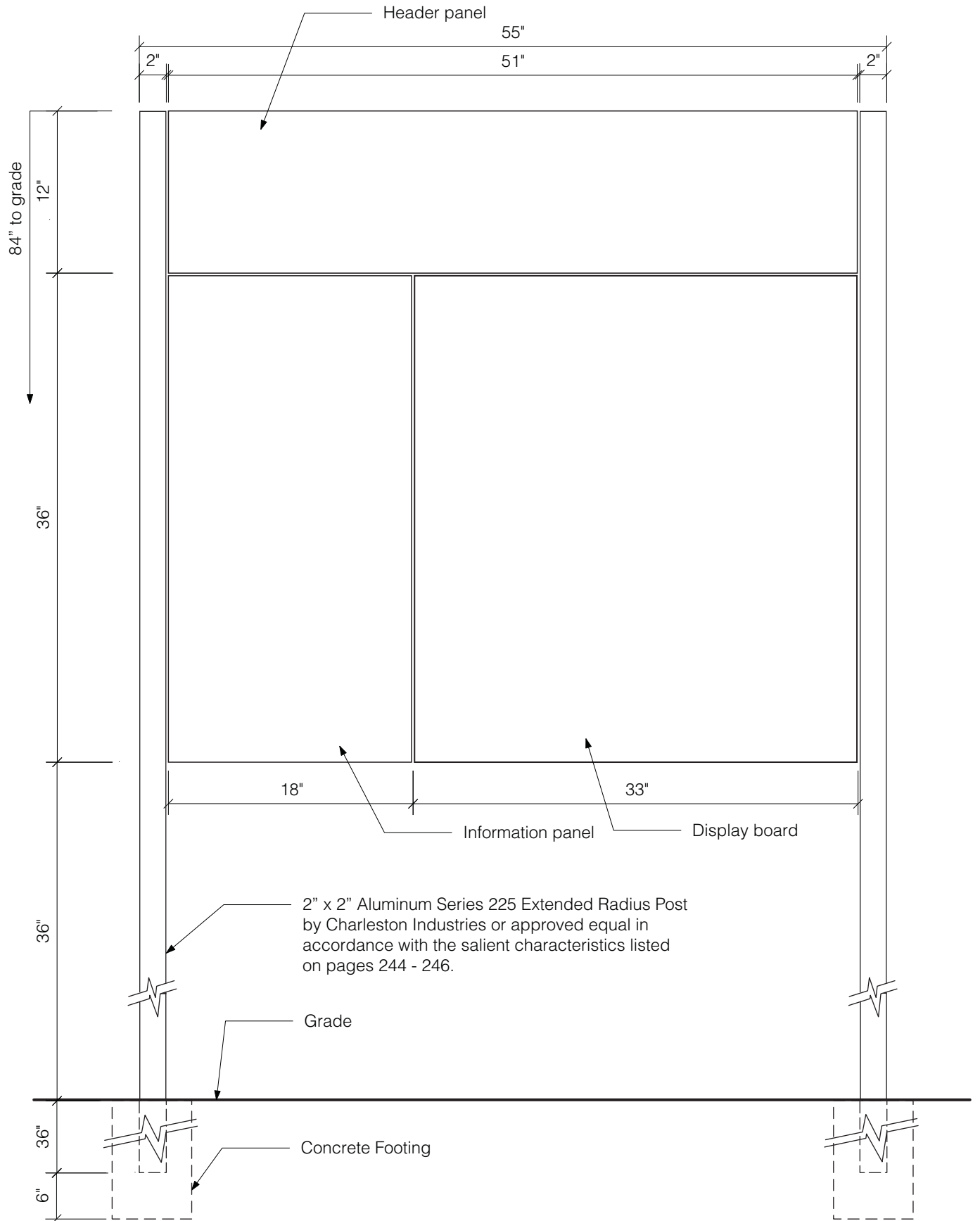
<i>Post Height:</i>	84" from Grade
<i>Post Material:</i>	2" x 2" Aluminum Series 225 Extended Radius Post by Charleston Industries or approved equal in accordance with the salient characteristics listed on pages 244 - 246.
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Header Panel Size:</i>	12" H x 84" W
<i>Information Panel/ Display Board Size:</i>	36" H x 84" W: 2 Display boards - 36" H x 33" W each 1 Information panel 36" H x 18" W
<i>Material:</i>	Sign panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather-resistant. 2" thick non-illuminated display board cabinet with polycarbonate faces and weatherproofed. Synthetic tackboard - water-resistant and sunrot / fade-resistant
<i>Finish:</i>	Painted acrylic polyurethane w/ UV inhibitors Eggshell finish (11 - 19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	1/8" non-glare polycarbonate face panel. Background color shall be PMS 301
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	4 1/2" Cap height on information header Copy height varies on graphic panel (See layout specifications)
<i>Letterform Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy color:</i>	White

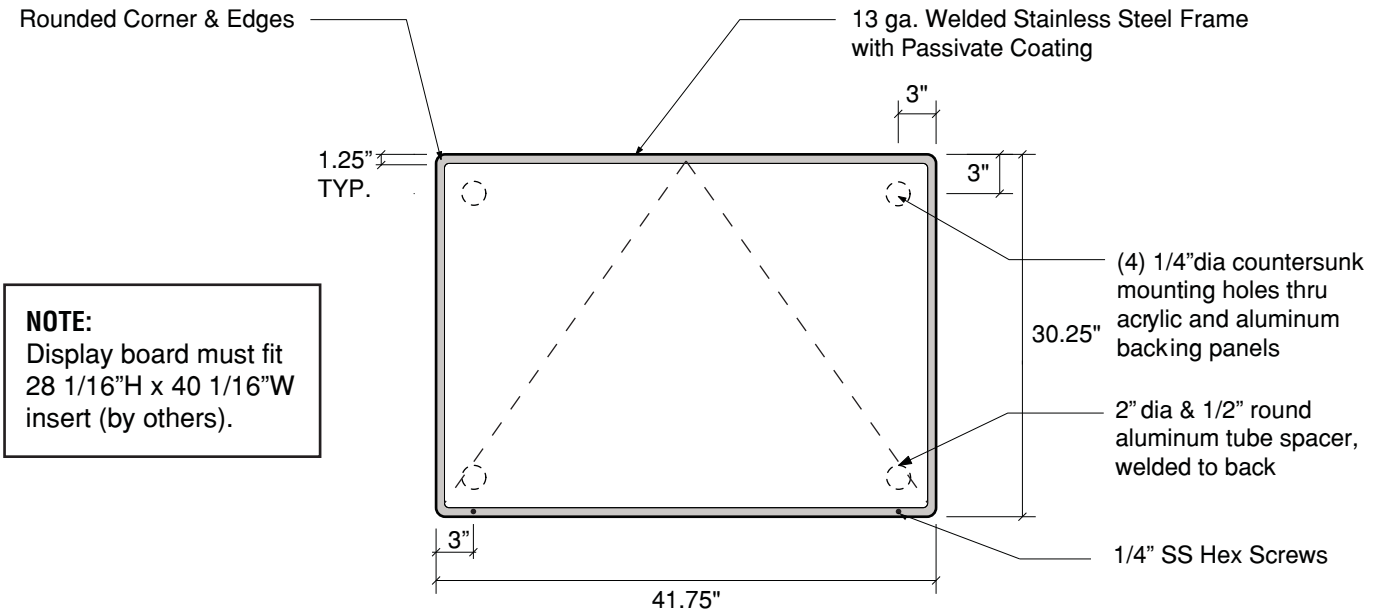


SIGN TYPE 3B**Small Information Display Board
Specifications**

<i>Post Height:</i>	84" from Grade
<i>Post Material:</i>	2" x 2" Aluminum Series 225 Extended Radius Post by Charleston Industries or approved equal in accordance with the salient characteristics listed on pages 244 - 246.
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Header Panel Size:</i>	12" H x 51" W
<i>Information Panel/ Display Board Size:</i>	36" H x 51" W: 1 Display boards - 36" H x 33" W each 1 Information panel 36" H x 18" W
<i>Material:</i>	Sign panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather-resistant. 2" thick non-illuminated display board cabinet with polycarbonate faces and weatherproofed. Synthetic tackboard - water-resistant and sunrot / fade-resistant=
<i>Finish:</i>	Painted acrylic polyurethane w/ UV inhibitors Eggshell finish (11 - 19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	1/8" non-glare polycarbonate face panel. Background color shall be PMS 301
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	4 1/2" Cap height on information header Copy height varies on graphic panel (See layout specifications)
<i>Letterform Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy color:</i>	White

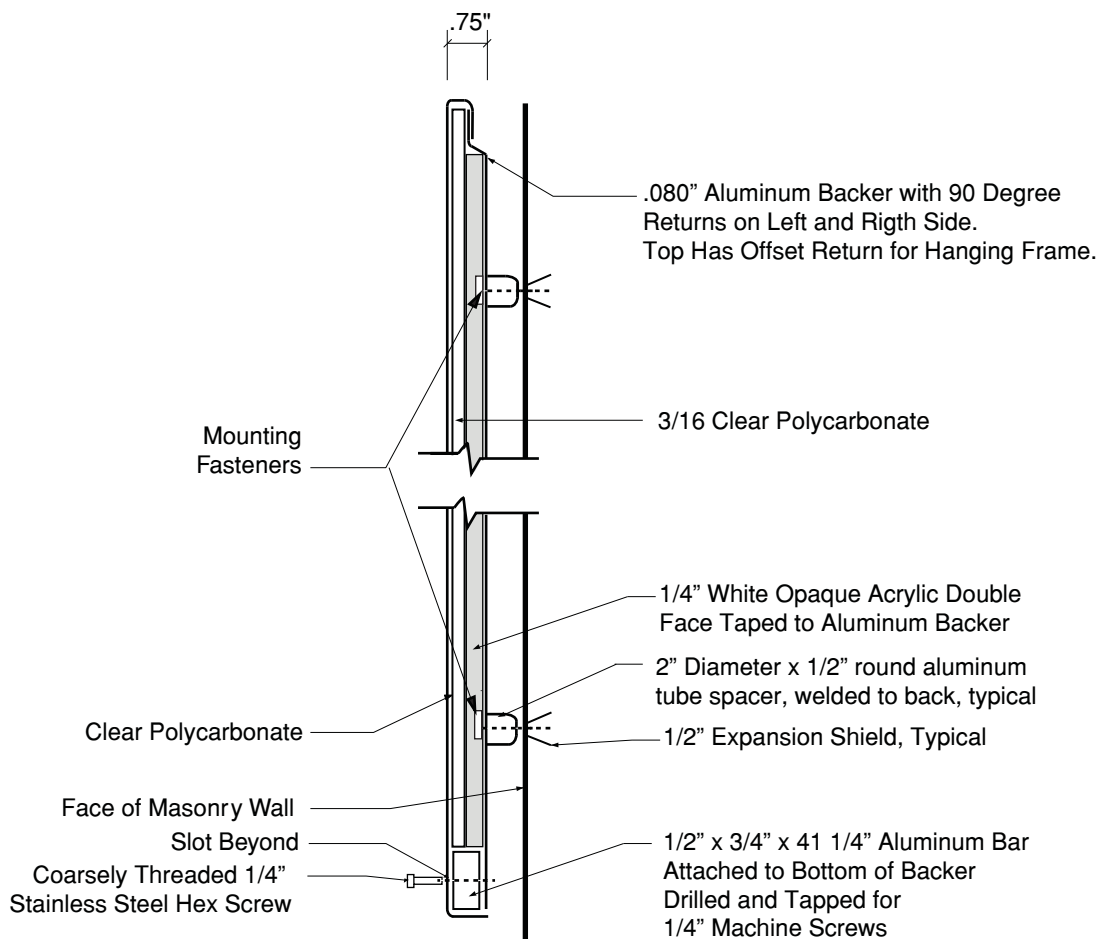






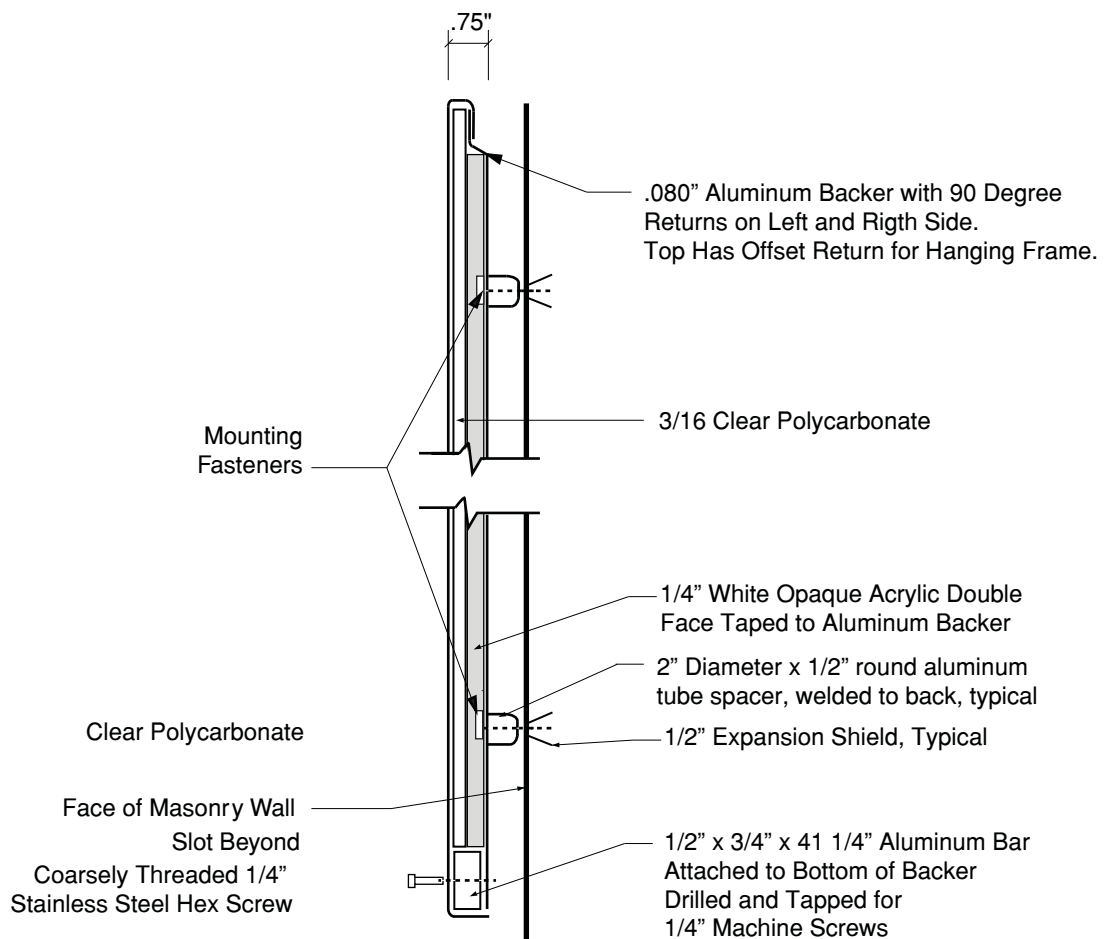
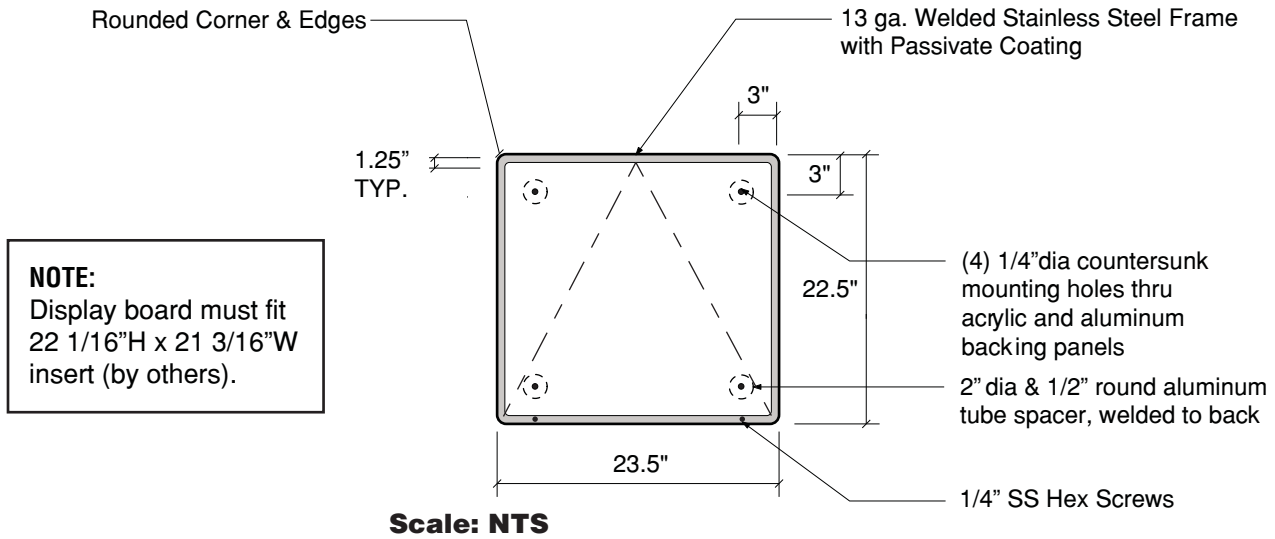
NOTE:
Display board must fit 28 1/16"H x 40 1/16"W insert (by others).

Scale: NTS



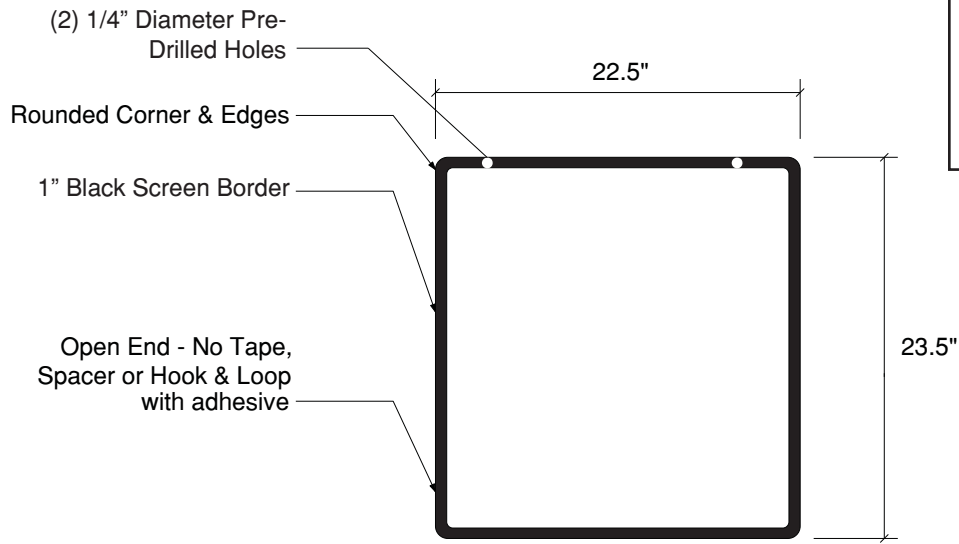
Section Thru Stainless Steel Frame

Scale: NTS



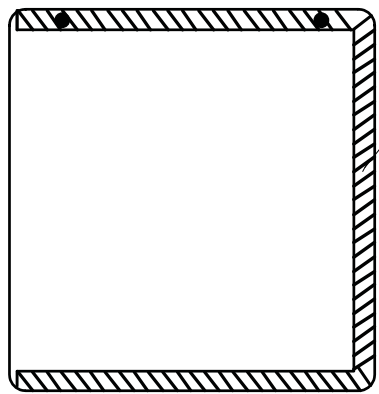
Section Thru Stainless Steel Frame

Scale: NTS



NOTE:
Display board must fit
22 1/16"H x 21 3/16"W
insert (by others).

Front View
Scale: 1" = 1'-0"

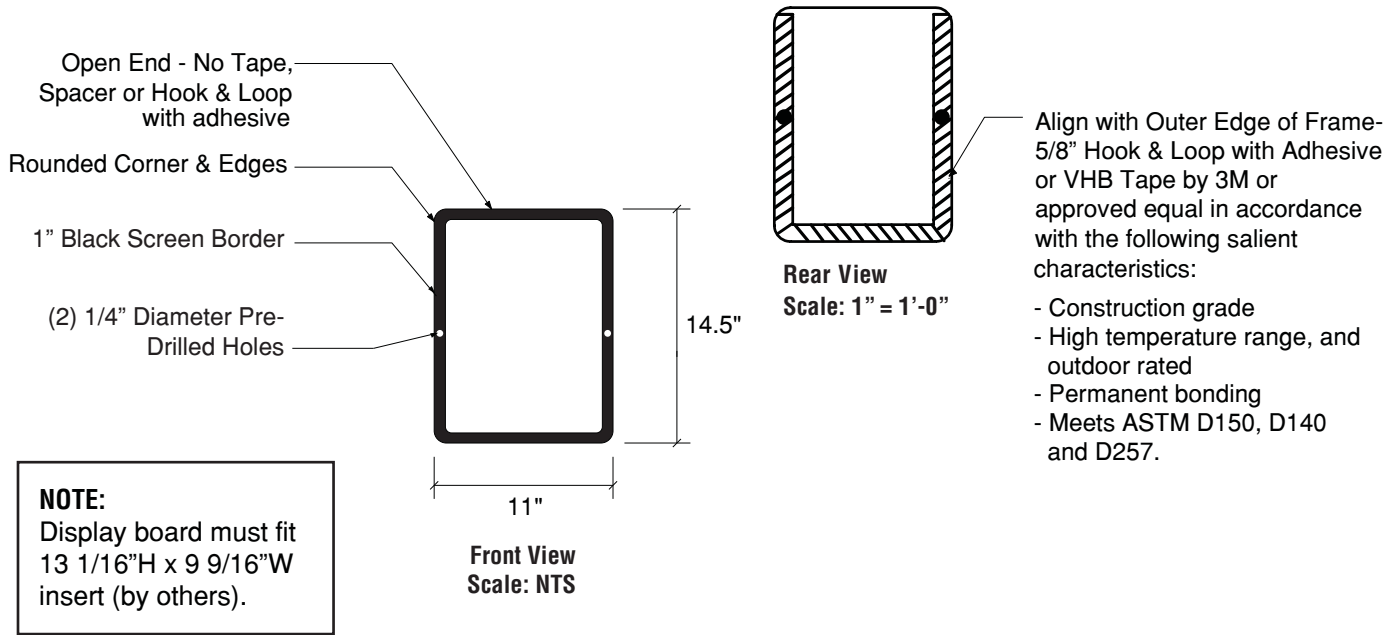


Align with Outer Edge of Frame-
5/8" Hook & Loop with Adhesive
or VHB Tape by 3M or
approved equal in accordance
with the following salient
characteristics:

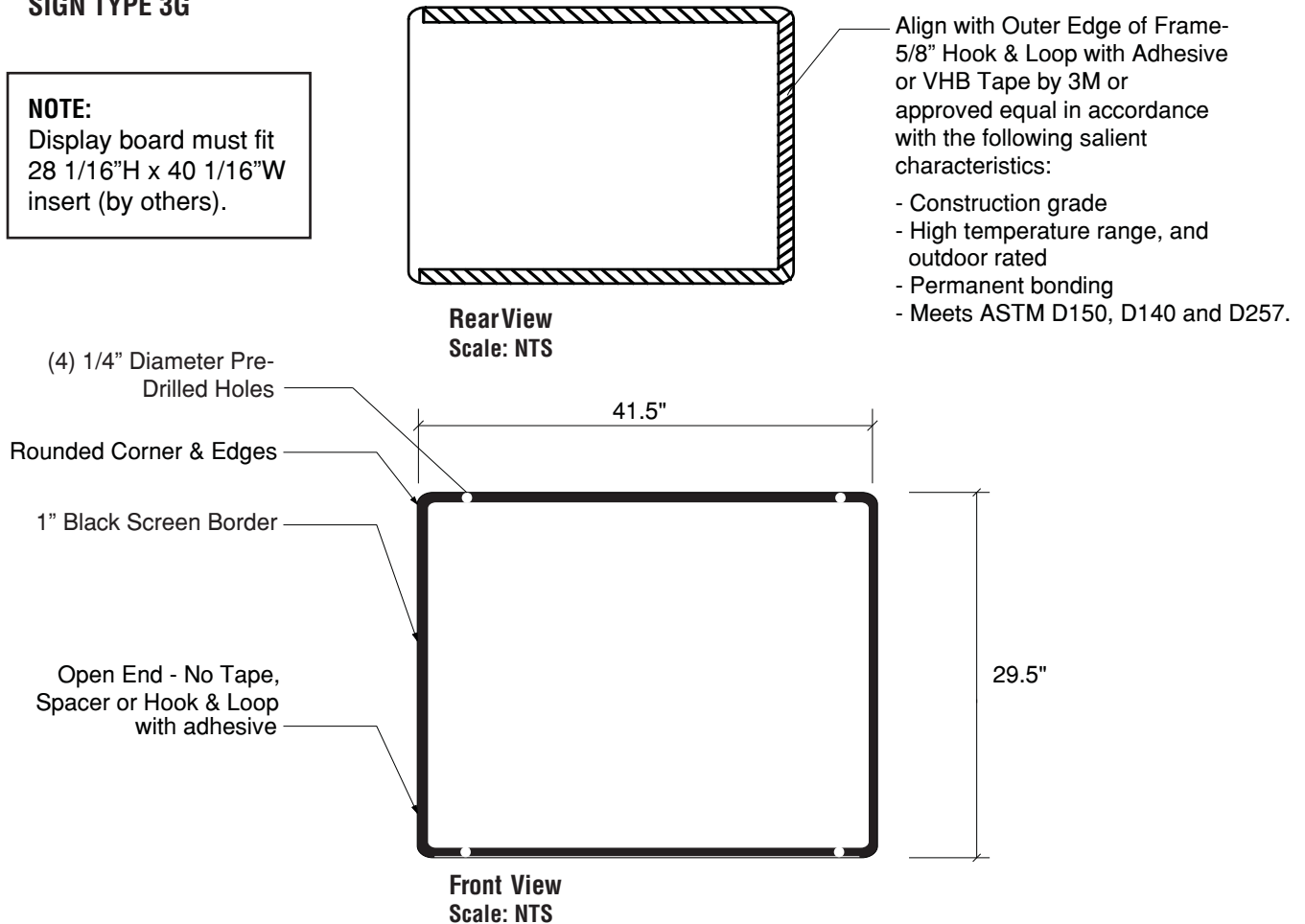
- Construction grade
- High temperature range, and
outdoor rated
- Permanent bonding
- Meets ASTM D150, D140 and D257.

Rear View
Scale: 1" = 1'-0"

SIGN TYPE 3F



SIGN TYPE 3G



Description:

The purpose of these signs is to identify and direct commuters to bus stop, taxis, parking and accessible entrances, exits, ramps, etc. The base sign (24”H x 18” W) is used as an identification sign. A separate panel with an arrow (12”H x 18”W) can be added underneath the base sign to become a directional sign. A separate panel can also be added to carry secondary messages, such as listing of bus routes. When both message and arrow panels are used, the arrow will be last. No more than two additional panels may be added to a base sign.

Mounting:

All sign panels, including the arrow and message panels, slide and lock into posts. Panels must be capable of being removed and replaced on site to keep maintenance and replacement costs to a minimum.

Concrete Embedment

Aluminum posts are typically embedded 3 ft. directly in concrete footings. Add the distance below grade to post length for direct burial mounting.

Plate and Bolt Mounted

Welded aluminum flange plates are mechanically fastened to J-bolts or anchor bolts embedded into concrete footings.

Wall Mounted

Extruded aluminum end sections are mechanically fastened to wall with anchor bolts.

*Following are standard sign messages and schematics for Type 4 signs.
Custom messages can also be accommodated.*

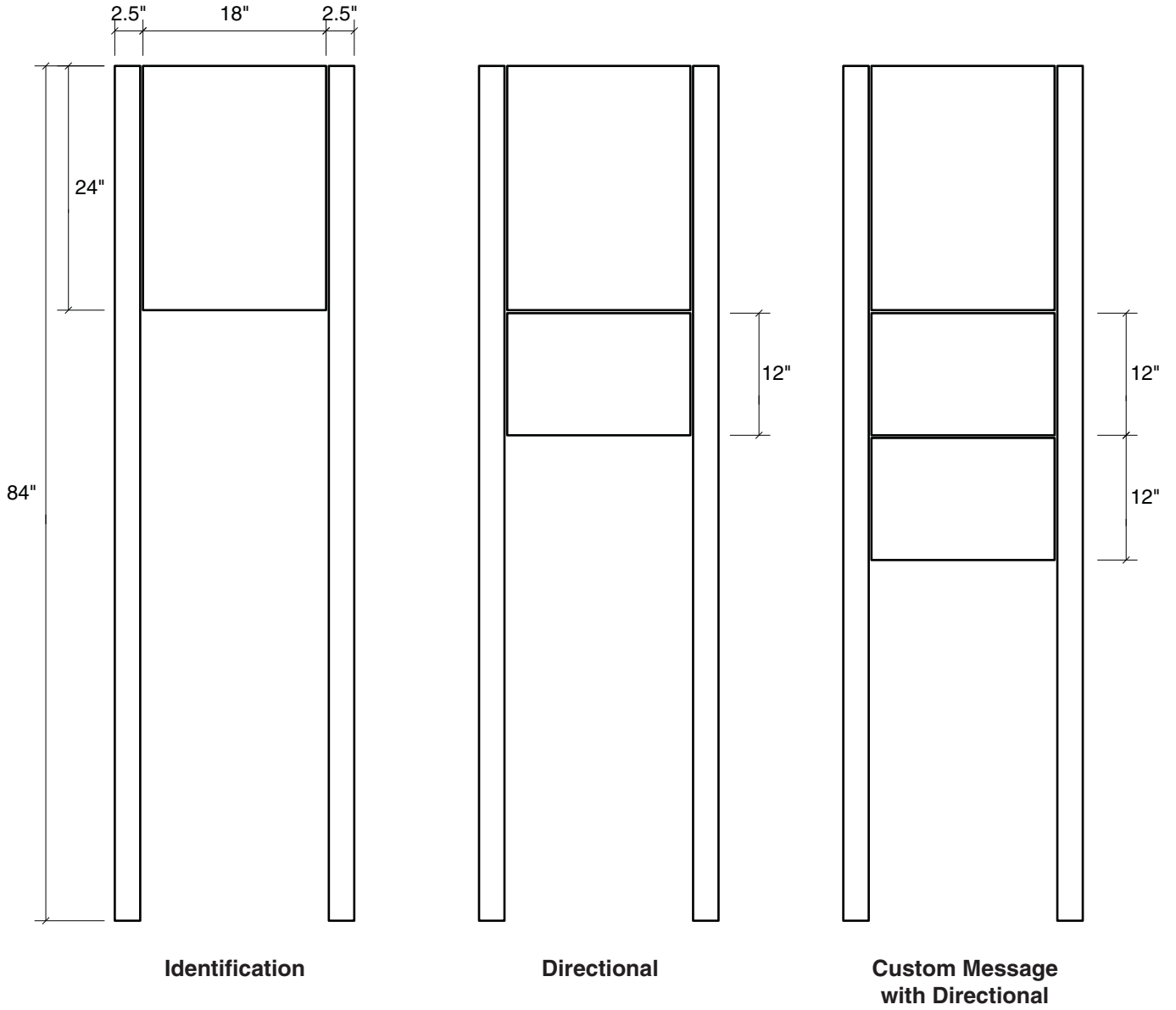
<i>Sign Type</i>				
	4.1	(Symbol) Bus Stop	4.13	(Symbol) Notice! Some trains board on center track. Please refer to train schedule.
	4.2	(Symbol) Taxi		
	4.3	(Symbol) Kiss & Ride	4.14	(Symbol) Accessible Boarding Rush-Hour
	4.3a	(Symbol)(Symbol) Kiss & Ride	4.15	(Symbol) Accessible Boarding Non-Rush
	4.4	(Symbol) Commuter Parking	4.16	(Symbol) Accessible Boarding
	4.5	(Symbol) Entrance	4.0	(Custom)
	4.6	(Symbol) To Trains (Arrow)		
	4.7	(Symbol) Ramp To Chicago (Arrow)		
	4.8	(Symbol) Ramp From Chicago (Arrow)		
	4.9	(Symbol) Ramp To Trains (Arrow)		
	4.10	Not Used		
	4.11	Not Used		
	4.12	Not Used		

SIGN TYPE 4**Primary Identification / Directional Specifications**

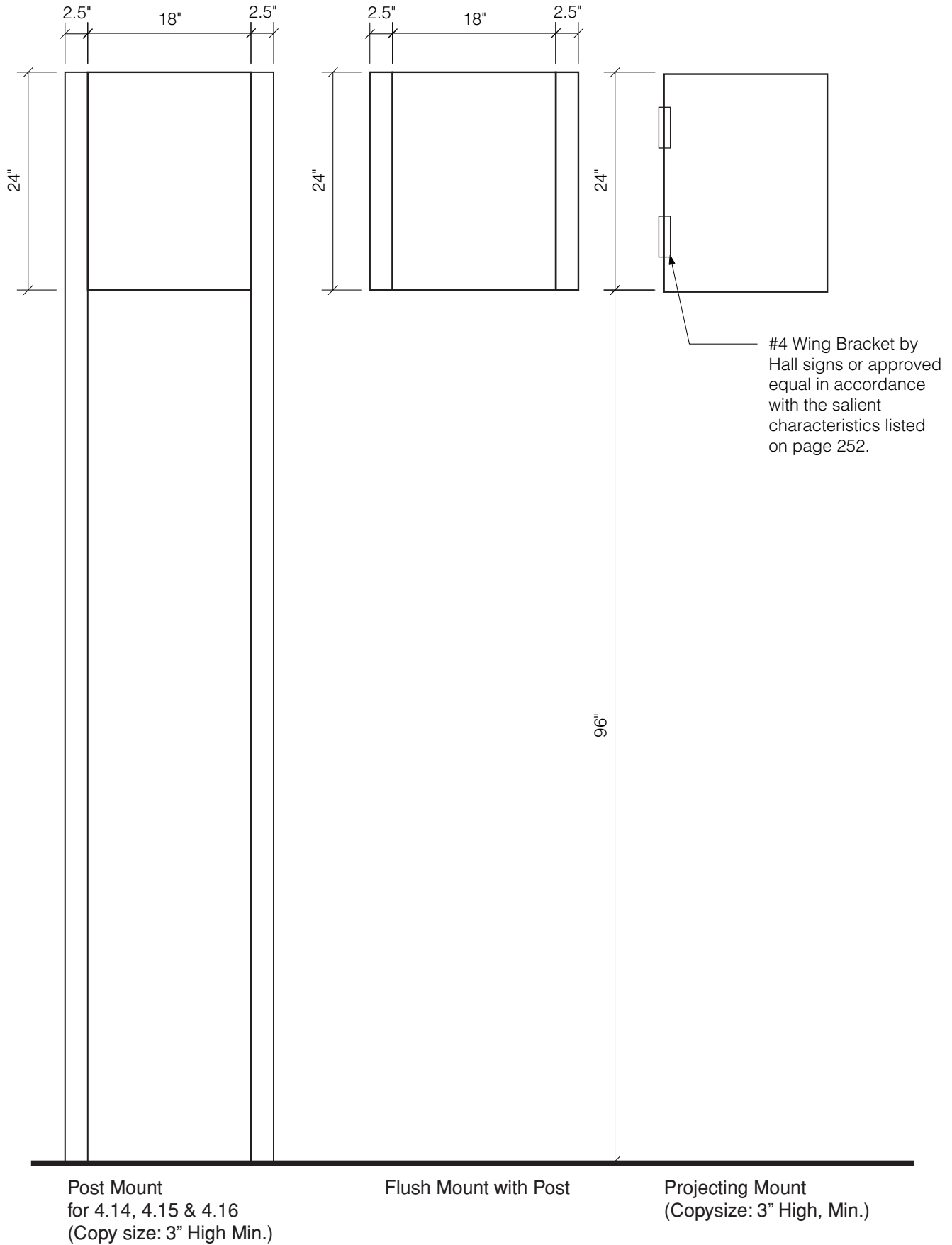
<i>Post Height:</i>	84" from grade to top of sign
<i>Post Material:</i>	2" x 2" Aluminum Series 225 Extended Radius Post by Charleston Industries or approved equal (see page 244 - 246 for details)
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Panel Size:</i>	24"H x 18"W
<i>Material:</i>	Sign panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather-resistant.
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	2 1/2" cap height - one or two line condition 2" cap height - three line condition Sign Type 4.0, custom message varies
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Symbol:</i>	Varies (see graphic details)
<i>Symbol Size:</i>	9"
<i>Symbol Color:</i>	White

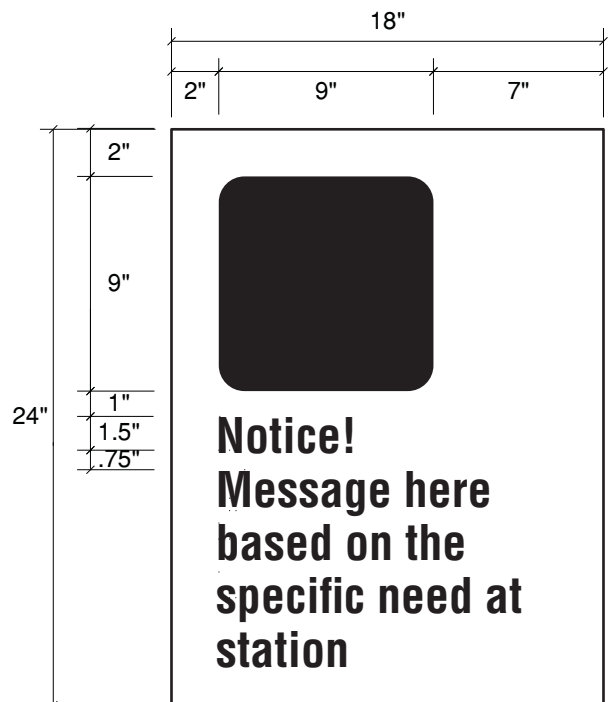
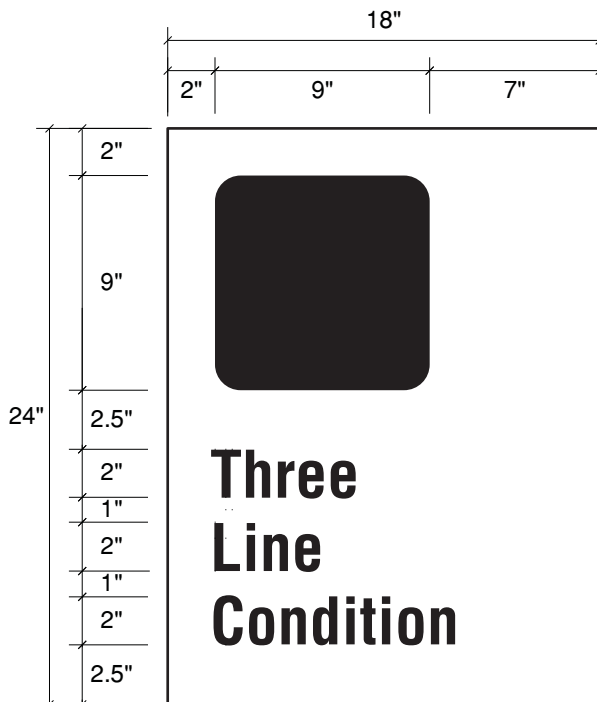
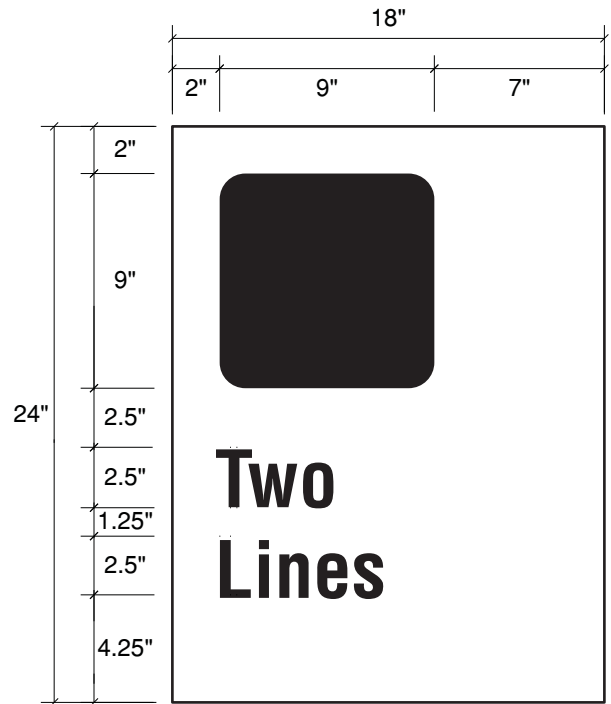
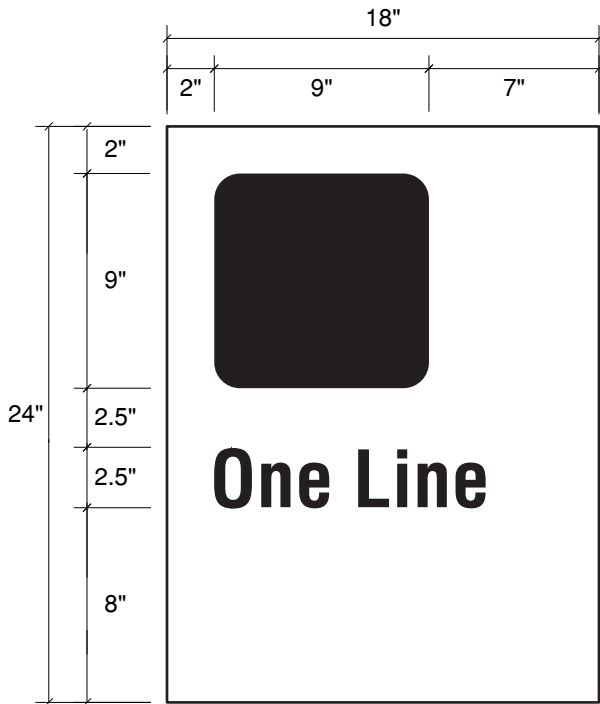
SIGN TYPE 4**Primary Identification / Directional
(Lower Panel) Specifications**

<i>Panel Size:</i>	12"H x 18"W
<i>Material:</i>	Sign panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather-resistant.
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Symbol:</i>	1 Arrow Panel - parallel tip Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Symbol Size:</i>	6"
<i>Symbol Color:</i>	White
<i>Letterform:</i>	2 Message Panel - Helvetica Bold Condensed Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Size:</i>	Varies
<i>Copy Color:</i>	White

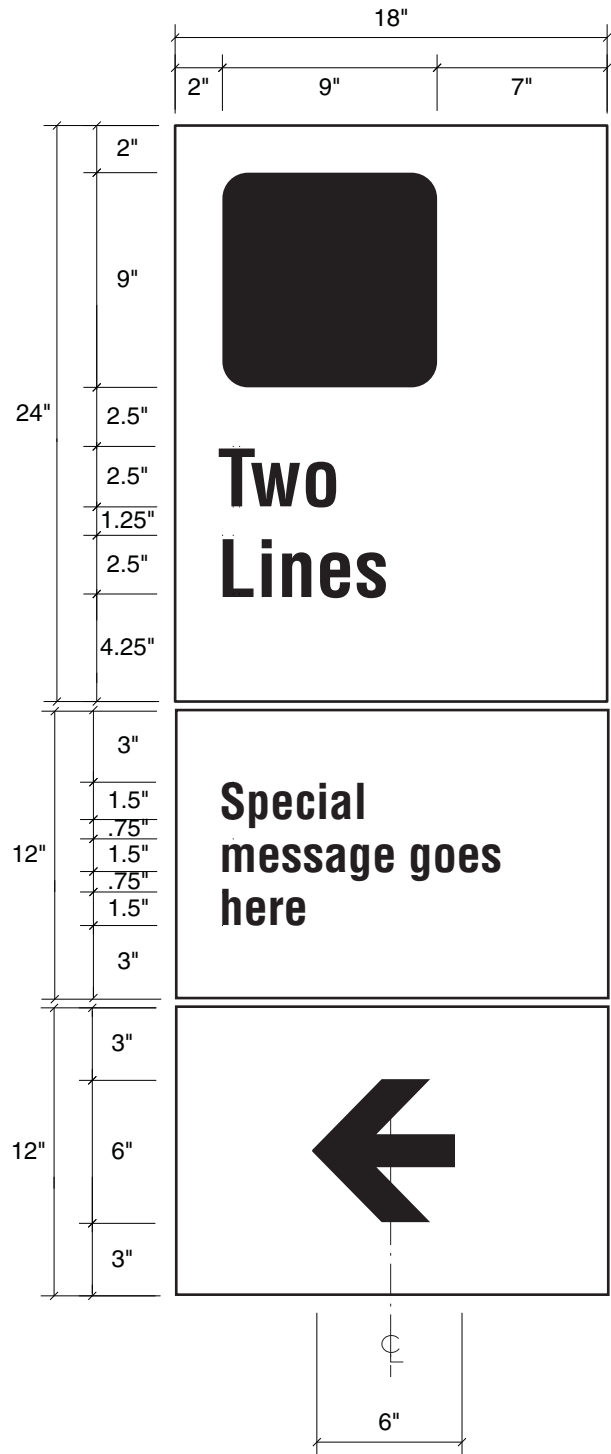
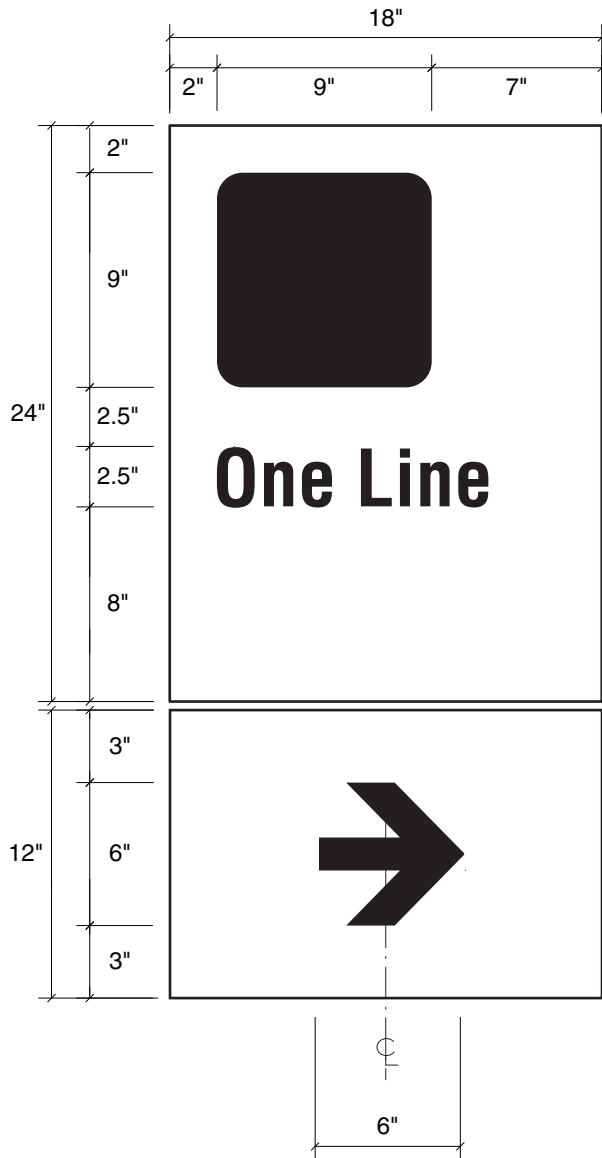


Scale: 3/4" = 1'-0"





Note: This format is also used for signs with long words that will not fit using 2.5" type



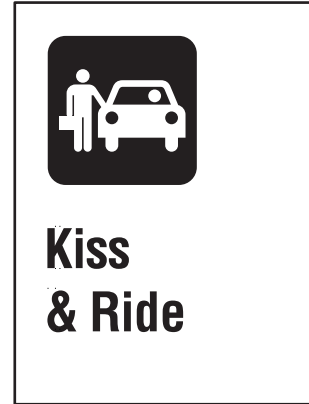
Scale: 1 1/2" = 1'-0"



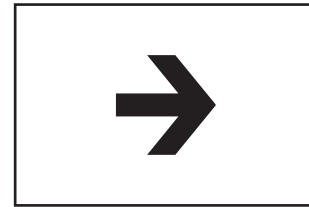
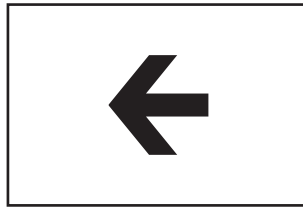
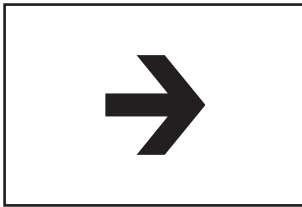
Sign Type 4.1
Used to identify and direct commuters to bus stops



Sign Type 4.2
Used to identify and direct commuters to taxis



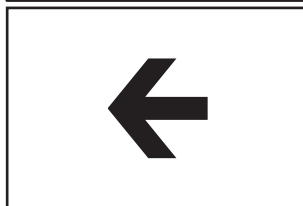
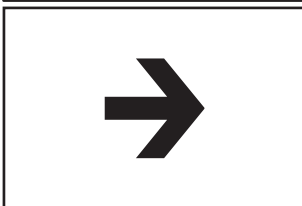
Sign Type 4.3
Used to identify and direct commuters to Kiss & Ride

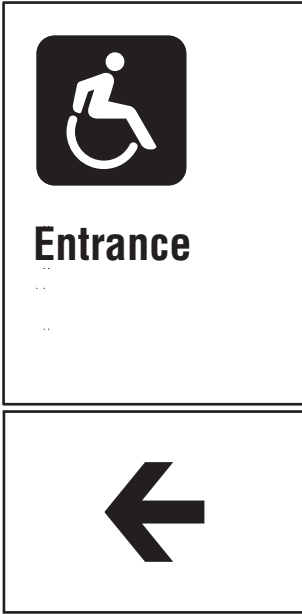


Sign Type 4.3a
Used to identify accessible Kiss & Ride drop off

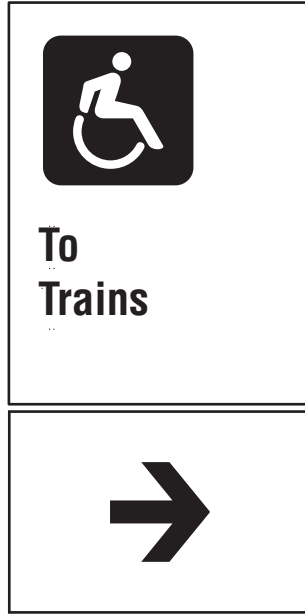


Sign Type 4.4
Used to identify and direct commuters to parking

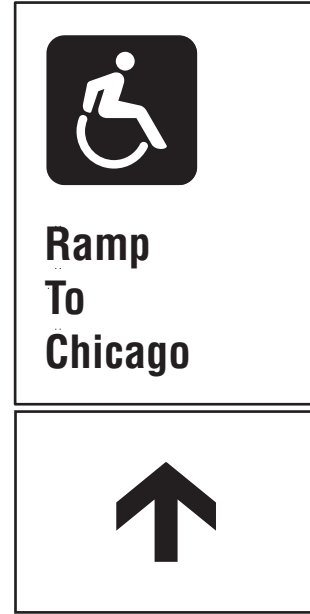




Sign Type 4.5
Used to direct disabled commuters to accessible entrances.



Sign Type 4.6
Used to direct disabled commuters to ramps to trains.



Sign Type 4.7
Used to direct disabled commuters to ramps to trains that are head to Chicago.



Sign Type 4.8
Used to direct disabled commuters to ramp to trains that are coming from Chicago.



Sign Type 4.9
Used to direct disabled commuters to ramp to trains.



Notice!
Some trains board
on center track.
Please refer to
train schedule.

Sign Type 4.13
Used to alert
commuters
that all trains
may not board
from usual
platforms



**Accessible
Boarding
Rush Hour**

Sign Type 4.14
Used to direct
disabled
commuters to
accessible
boarding during
rush hours
(Post mounted.
See page 81 for
mounting detail)



**Accessible
Boarding
Non-Rush**

Sign Type 4.15
Used to direct
disabled
commuters to
accessible
boarding during
non-rush hours
(Post mounted.
See page 81 for
mounting detail)



**Accessible
Boarding**

Sign Type 4.16
Used to direct
disabled
commuters to
accessible
boarding
(Post mounted.
See page 81 for
mounting detail)



Sign Type 4.0
Used for custom
messages.

Description:

The purpose of these signs is to identify and direct commuters to bus stops , taxis, proper platforms and accessible entrances, exits, ramps, etc. and to direct commuters to accessible phones and restrooms. These smaller signs are used when the larger Type4 signs are not appropriate.

Mounting:

All signs are capable of being mounted by two methods - projecting and flush. Projecting signs may be mounted to an existing post on the site , such as a light post , telephone pole etc. Materials and shapes of these posts may vary. If there is no existing post, the standard black anodized aluminum post will be utilized.

When a directional sign is projecting, such as To/From Chicago signs, the sign shall flag in the direction of the arrow whenever possible.

Flush mounted signs are to use tamper proof hardware painted out to match face of sign.

Following are specifications, standard sign messages and schematics for Type 5 signs. Custom messages can also be accommodated.

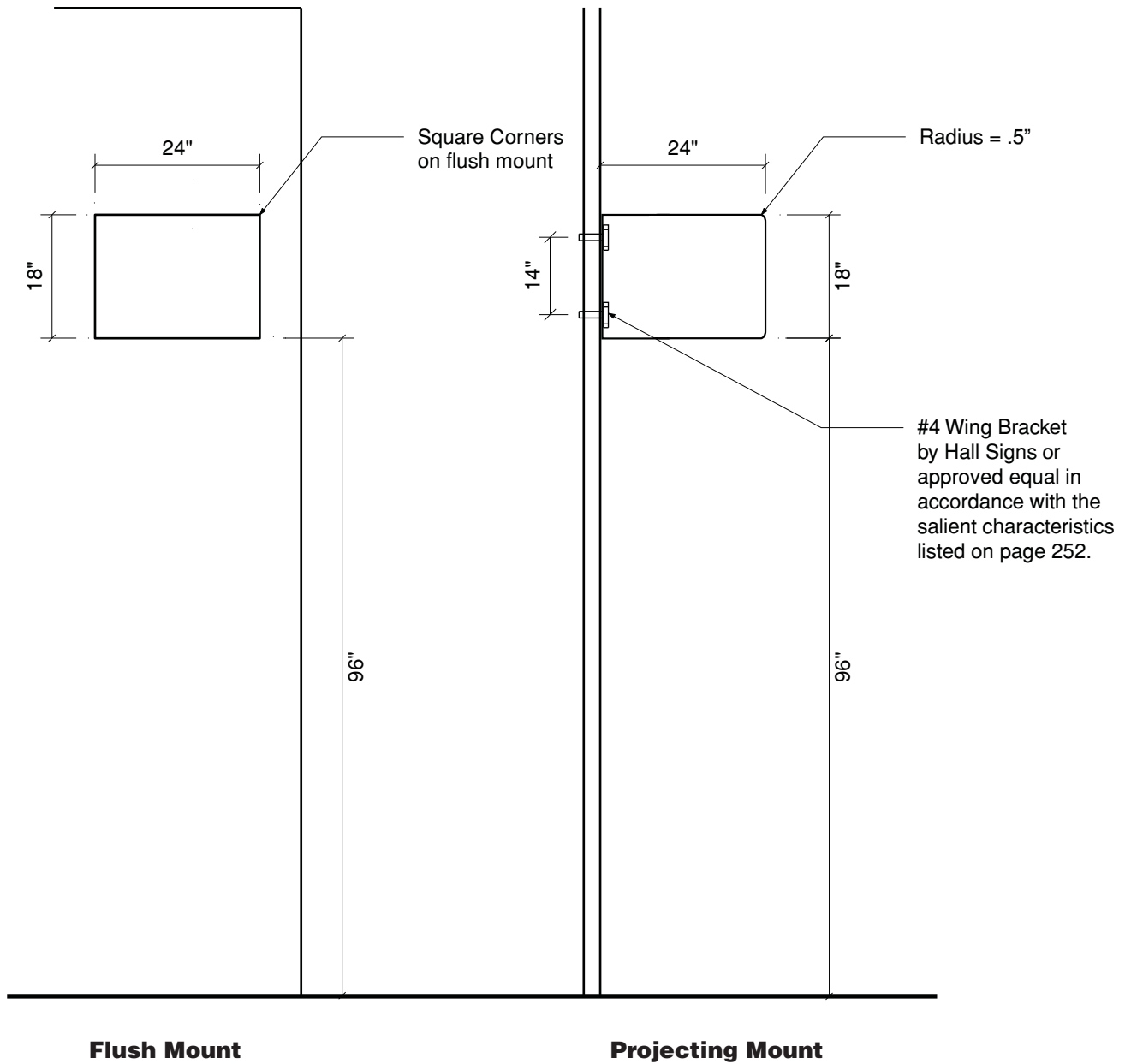
SIGN TYPE 5**Secondary Identification / Directional – Interior or Exterior
Sign Types**

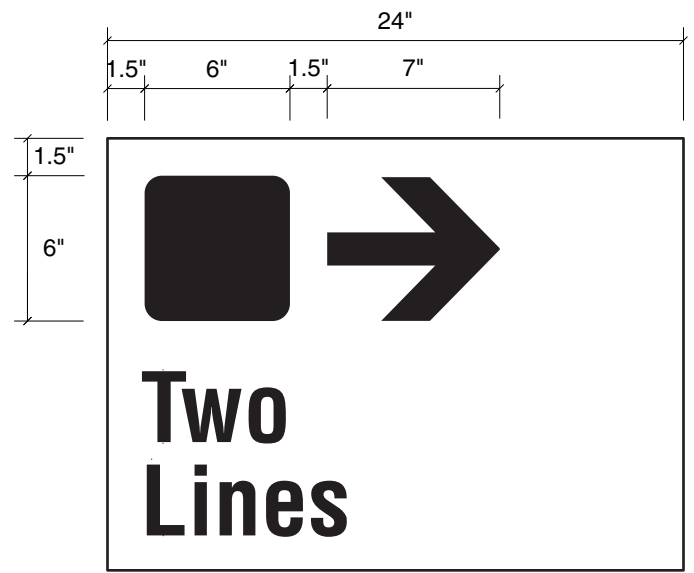
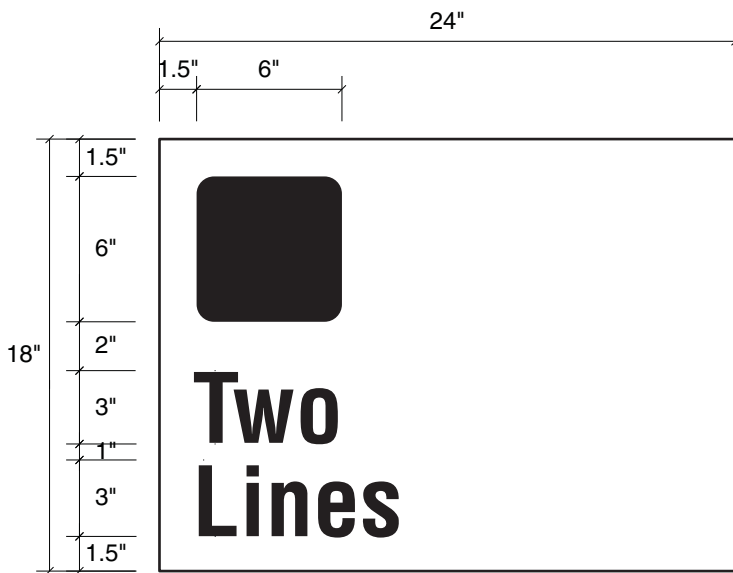
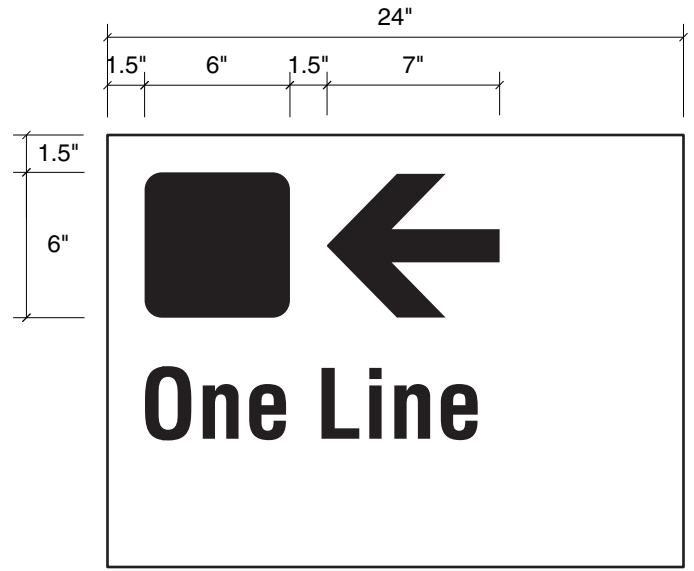
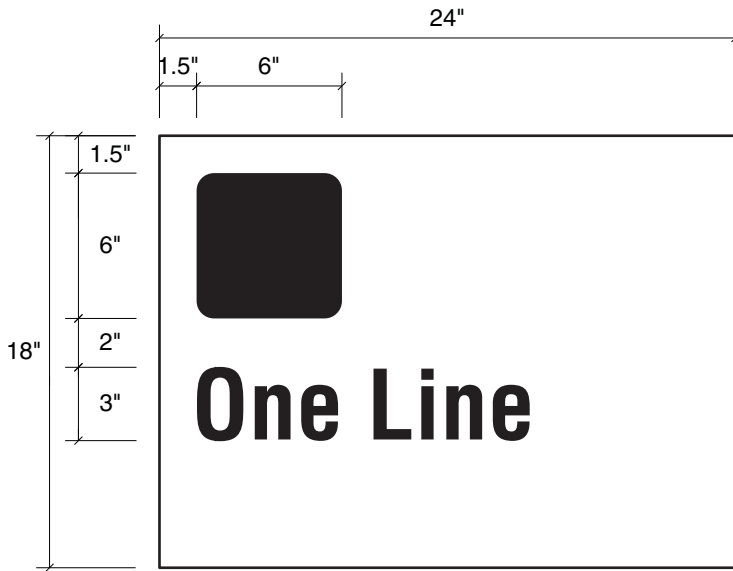
<i>Sign Type 5:</i>	5.1	(Symbol)(Optional Arrow) Bus Stop
	5.2	(Symbol)(Optional Arrow) Taxi
	5.3	(Arrow) To Trains
	5.4	(Arrow) To Chicago
	5.5	(Arrow) From Chicago
	5.6	(Symbol)(Arrow) To Chicago
	5.7	(Symbol)(Arrow) From Chicago
	5.8	(Symbol)(Arrow) To Trains
	5.9	(Symbol)(Arrow) Ramp To Trains
	5.10	(Symbol)(Arrow) Ramp To Chicago
	5.11	(Symbol)((Arrow) Ramp From Chicago
	5.12	(Symbol)(Symbol)(Arrow) Restrooms
	5.13	(Symbol)(Arrow) Telephone

<i>Sign Type 5 (Continued)</i>	5.14	(Symbol)(Symbol)(Arrow) Telephone
	5.15	(Symbol)(Arrow) Telephone
	5.16	(Symbol)(Arrow) TDD Telephone
	5.17	(Symbol)(Optional Arrow) Tickets
	5.18	(Symbol)(Symbol)(Optional Arrow) Elevator
	5.19	(Symbol)(Optional Arrow) Entrance
	5.20	(Symbol)(Arrow) Exit
	5.21	(Symbol)(Optional Arrow) Exit To Street
	5.22	(Symbol)(Arrow) Ramp
	5.23	(Symbol)(Arrow) To Metra Station
	5.24	(Symbol)(Arrow) To Metra Station
	5.25	Restricted Access Do Not Enter
	5.26	(Metra Logo) Temporary Ticket Office
	5.0	(Custom)

SIGN TYPE 5**Secondary Identification / Directional Specifications**

<i>Mounting Height:</i>	96" from grade to bottom of sign
<i>Panel Size:</i>	18"H x 24"W
<i>Material:</i>	.125" aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed upper lower case
<i>Copy Size:</i>	3" cap height
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Symbol:</i>	Varies (see graphic details)
<i>Symbol and Arrow Size:</i>	6"
<i>Symbol and Arrow Color:</i>	White

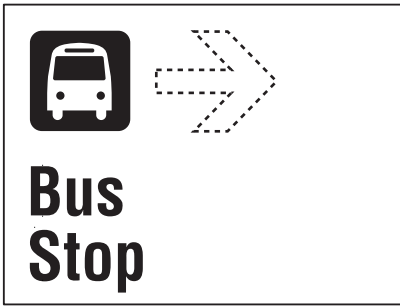




Identificational

Directional

Scale: 1 1/2" = 1'-0"



Sign Type 5.1
Used to identify direct commuters to buses (add arrow for directional sign)



Sign Type 5.5
Used to identify the platform from which to board trains headed away from Chicago



Sign Type 5.2
Used to identify direct commuters to taxis (add arrow for directional sign)



Sign Type 5.6
Used to direct passenger to the platform from which to board trains heading toward Chicago generally mounted in locations where stations and platforms are not visible



Sign Type 5.3
Used to direct passengers to trains



Sign Type 5.7
Used in locations where the station and platforms are not readily seen



Sign Type 5.4
Used to identify the platform from which to board trains that are headed to Chicago



Sign Type 5.8
Used to direct commuters to accessible routes to trains



Sign Type 5.9
Used to direct commuters to ramp to trains



Sign Type 5.13
Used to direct commuters to telephones



Sign Type 5.10
Used to direct commuters to ramp to trains headed to Chicago



Sign Type 5.14
Used to direct commuters to accessible phones when not readily seen from platform



Sign Type 5.11
Used to direct commuters to ramp to trains coming from Chicago



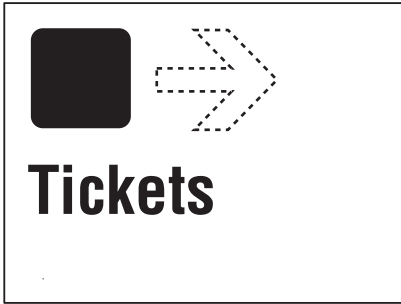
Sign Type 5.15
Used to direct commuters to volume control phones when not readily seen from platform



Sign Type 5.12
Used to direct commuters to restrooms when they are not readily seen from main station area, can be used with or without symbol of accessibility as appropriate



Sign Type 5.16
Used to direct commuters to TDD phones when not readily seen from platform



Sign Type 5.17
Used to identify
ticket booth
(add arrow for
directional sign)



Sign Type 5.21
Used to identify
and direct disabled
commuters to
accessible exits
to streets
(add arrow for
directional sign)



Sign Type 5.18
Used to identify
and direct disabled
commuters to elevators
(add arrow for
directional sign)



Sign Type 5.22
Used to direct
disabled commuters
to ramps



Sign Type 5.19
Used to identify
and direct disabled
commuters to
accessible entrances
(add arrow for
directional sign)



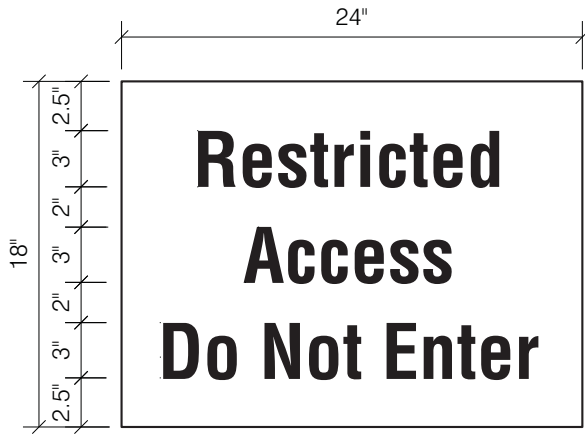
Sign Type 5.23
Used to direct
disabled commuters
to accessible paths
to Metra Station



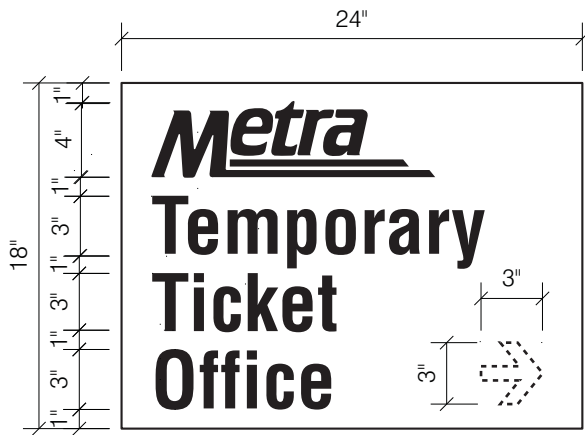
Sign Type 5.20
Used to identify
and direct disabled
commuters to
accessible exits
(add arrow for
directional sign)



Sign Type 5.24
Used to direct
passengers to the
station, generally
mounted at locations
where the station
is not readily seen



Sign Type 5.25
Restricted
Access
Do Not Enter



Sign Type 5.26
Temporary
Ticket
Office



Sign Type 5.0
Used for custom
messages.

Description:

The purpose of these signs is to identify public entrances to restrooms and other facilities and to restrict entry to areas not open to the public. The signs also identify smoking and nonsmoking areas. Copy is provided in tactile letters and braille.

Mounting:

All door signs are to be mounted flush to wall on latch side of door with foam tape and adhesive (see specifications below). These signs shall come furnished with double-faced foam tape along entire perimeter of back face.

Following are specifications, standard sign messages and schematics for Type 6 signs. Custom messages can be accommodated.

Adhesive shall be Silastic 732 M/Purpose adhesive by Dow Corning, or approved equal in accordance with the following salient characteristics:

- General-purpose: adhesion to Glass, Metal or Plastic
- One part, general purpose RTV adhesive/sealant
- Excellent temperature range: -60 to +230 C
- Non-slump
- Complies with FDA 21 CFR 177.2600, NSF, UL Listed and MIL-A-46106

Double-face, foam tape shall be VHB Tape by 3M, or approved equal in accordance with the following salient characteristics:

- General-purpose: adhesion to Glass, Metal or Plastic
- Construction grade
- High temperature range and outdoor rated
- Permanent bonding
- Meets ASTM D150, D140 and D257.

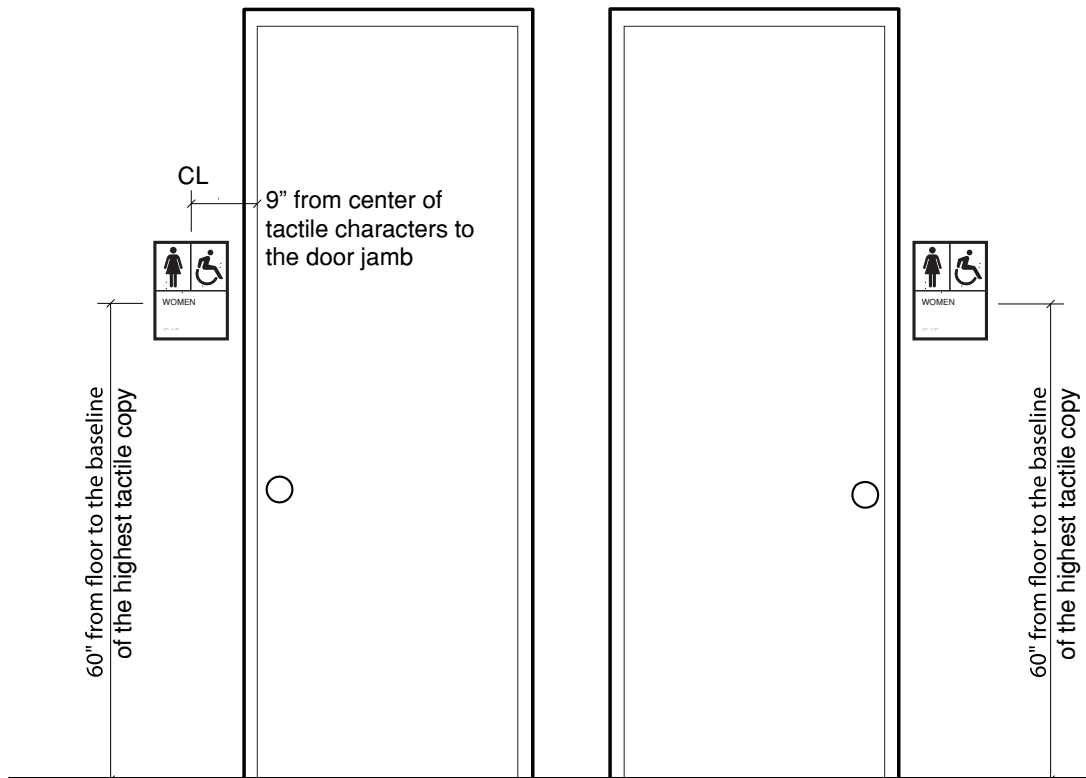
SIGN TYPE 6**Door Identifier and Special Instruction Signs
Sign Types**

Sign Type 6:

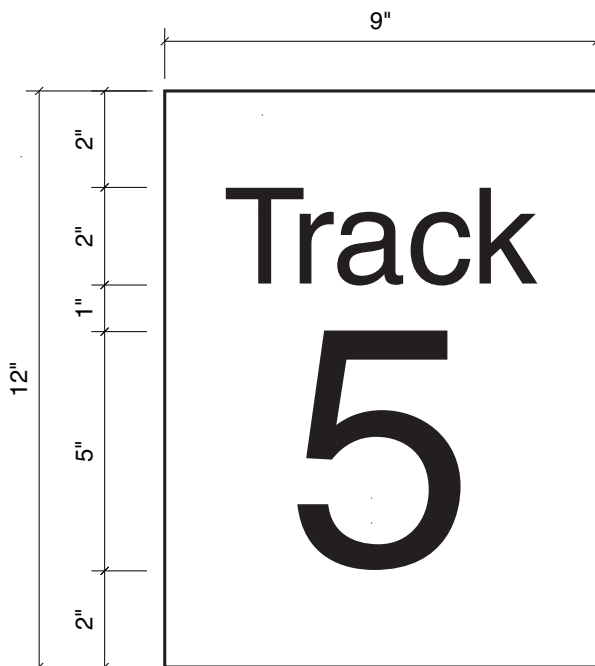
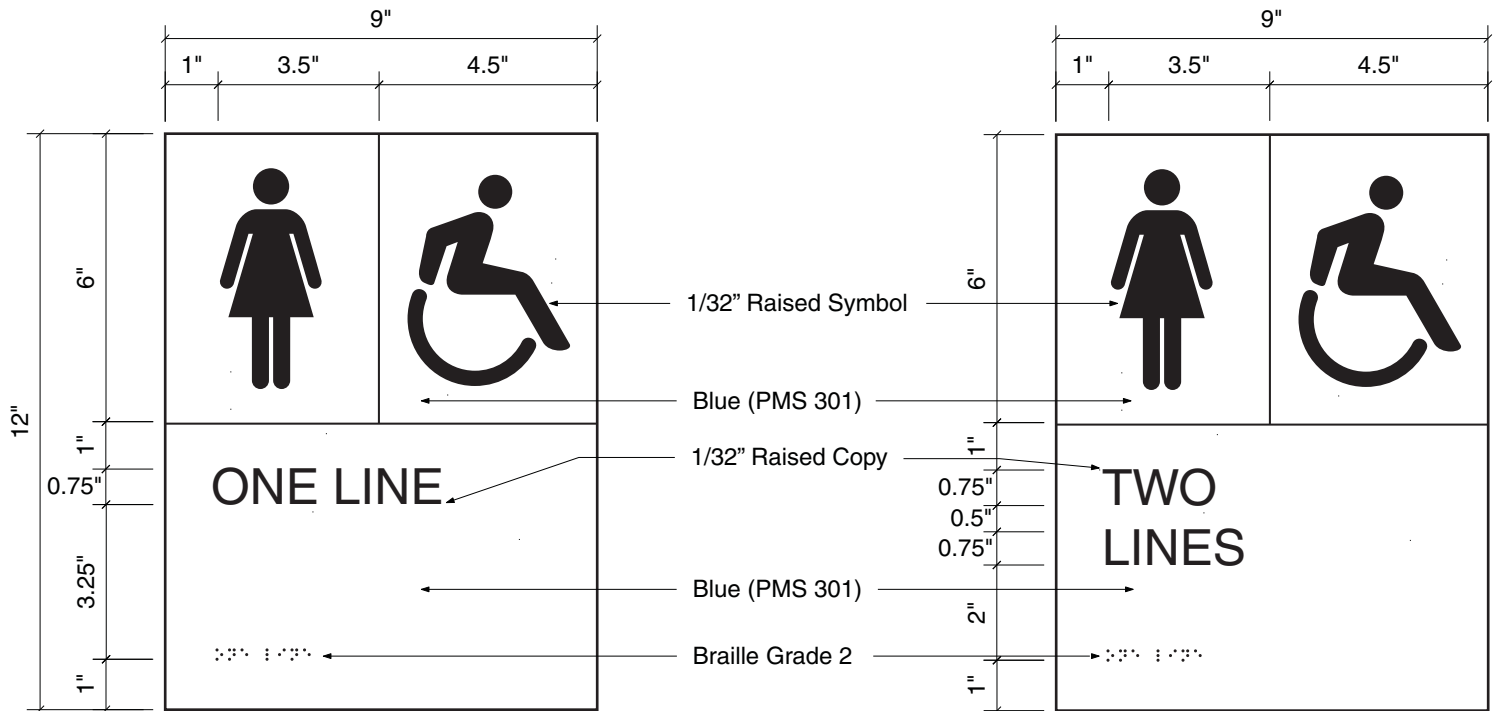
6.1	(Symbol)(Symbol) WOMEN (Braille)	6.9	(Symbol) EXIT (Braille)
6.2	(Symbol)(Symbol) MEN (Braille)	6.10	(Symbol) NO LOITERING (Braille)
6.3	(Symbol)(Symbol) RESTROOM (Braille)	6.11	Track 5
6.4	(Symbol) EMPLOYEES ONLY (Braille)	6.0	Custom
6.5	(Symbol) NO SMOKING (Braille)	6.12	(Symbol) Vending (Braille)
6.6	(Symbol) SMOKING PERMITTED (Braille)	6.13	CALL FOR AID OR ELEVATOR ASSISTANCE (Braille)
6.7	(Symbol) LOST AND FOUND (Braille)		
6.8	(Symbol) METRA POLICE (Braille)		

SIGN TYPE 6**Door Identifier and Special Instruction Signs
Interior Only – Flush Mount, One Sided**

<i>Mounting Height:</i>	60" from floor to the baseline of the highest tactile copy
<i>Panel Size:</i>	12"H x 9"W
<i>Material:</i>	Photopolymer Sign material must be scratch and vandal-resistant, letters and symbol raised 1/32"
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Tactile: Letters raised 1/32" (photopolymer process NOT applied)
<i>Letterform:</i>	Helvetica Medium Upper Case, Raised 1/32"
<i>Copy Size:</i>	.75" cap height
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White, eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Braille:</i>	Grade 2, raised 1/32" (photopolymer process NOT applied)
<i>Symbol:</i>	Varies (see graphic details), raised 1/32" (photopolymer process NOT applied)
<i>Symbol Size:</i>	3"
<i>Symbol Color:</i>	White

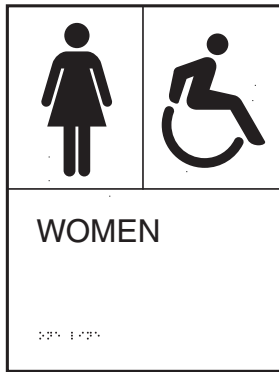


Flush mounted to LATCH SIDE of door



This version used at
downtown terminals
as track identifier

Note: All grade 2 braille characters,
that are shown in this page, are only
representational.



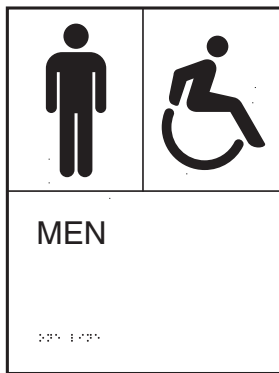
Sign Type 6.1
Can be used with or without Symbol of Accessibility as appropriate



Sign Type 6.5



Sign Type 6.9



Sign Type 6.2
Can be used with or without Symbol of Accessibility as appropriate



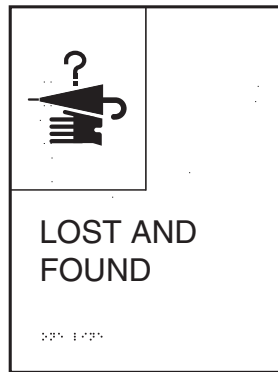
Sign Type 6.6



Sign Type 6.10



Sign Type 6.3
Can be used with or without Symbol of Accessibility as appropriate



Sign Type 6.7



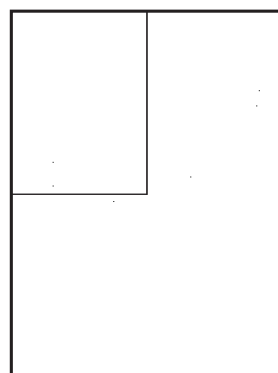
Sign Type 6.11
Can be used with or without Symbol of Accessibility as appropriate



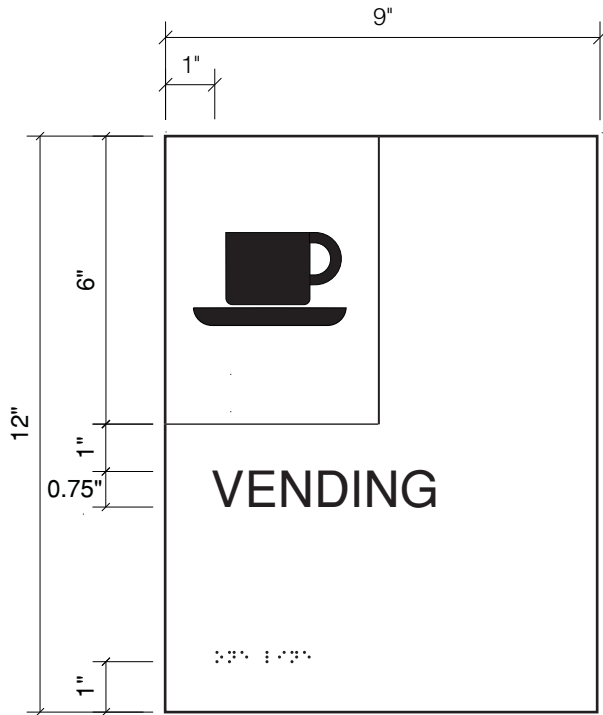
Sign Type 6.4



Sign Type 6.8



Sign Type 6.0
Custom



Sign Type 6.12
Vending



Back Side

1" Wide VHB. Double Stick Tape, or approved equal in accordance with the salient characteristics listed on page 97.



Sign Type 6.13
Call For
Aid or
Elevator
Assistance

1/8" THK. Raised Border by Metal Etched Process. Color White.

Letters raised 1/32" by Metal Raised Process. Color White.

Panel color to match PMS 301

1/4" Dia. Pre-drilled holes to receive countersunk temperproof screws.

Description:

The purpose of these signs is to regulate parking as well as to identify and direct commuters to accessible entrances, exits, ramps, etc. at smaller stations.

Mounting:

All signs are capable of being mounted by two methods- post and projecting mountings. An aluminum extrusion of the sign panel slides into a channel on the standard 2" x 2" aluminum post for post mounted signs. Projecting signs may be mounted to an existing post on the site, such as a light post, telephone pole etc.

Following are specifications, standard sign messages and schematics for Type 7 signs. Custom messages can also be accommodated.

SIGN TYPE 7

Tertiary Identification / Directional
Sign Types*Sign Type 7:*

7.1	(Symbol) Bus Stop	7.10	(Symbol) Ramp (Arrow)
7.2	(Symbol) Taxi	7.11	(Symbol) To trains (Arrow)
7.3	(Symbol) Kiss & Ride	7.12	(Symbol) Ramp To Trains (Arrow)
7.3A	(Symbol)(Symbol) Kiss & Ride	7.13	(Symbol) Ramp To Chicago (Arrow)
7.3B	(Symbol)(Symbol) Kiss & Ride 15 Min. Parking	7.14	(Symbol) Ramp From Chicago (Arrow)
7.4	(Symbol) Commuter Parking	7.15	(Symbol) To Metra Station (Arrow)
7.5	(Symbol) No Parking	7.16	(Symbol) To Main Station (Arrow)
7.6	(Symbol) Railroad Employee Parking Only	7.17	(Symbol) Board Here
7.7	(Symbol) Entrance (Arrow)	7.18	(Symbol) Accessible Boarding Area (Arrow)
7.8	(Symbol) Accessible Exit (Arrow)		
7.9	(Symbol) Exit To Streets (Arrow)		

SIGN TYPE 7**Tertiary Identification / Directional
Sign Types (Continued)**

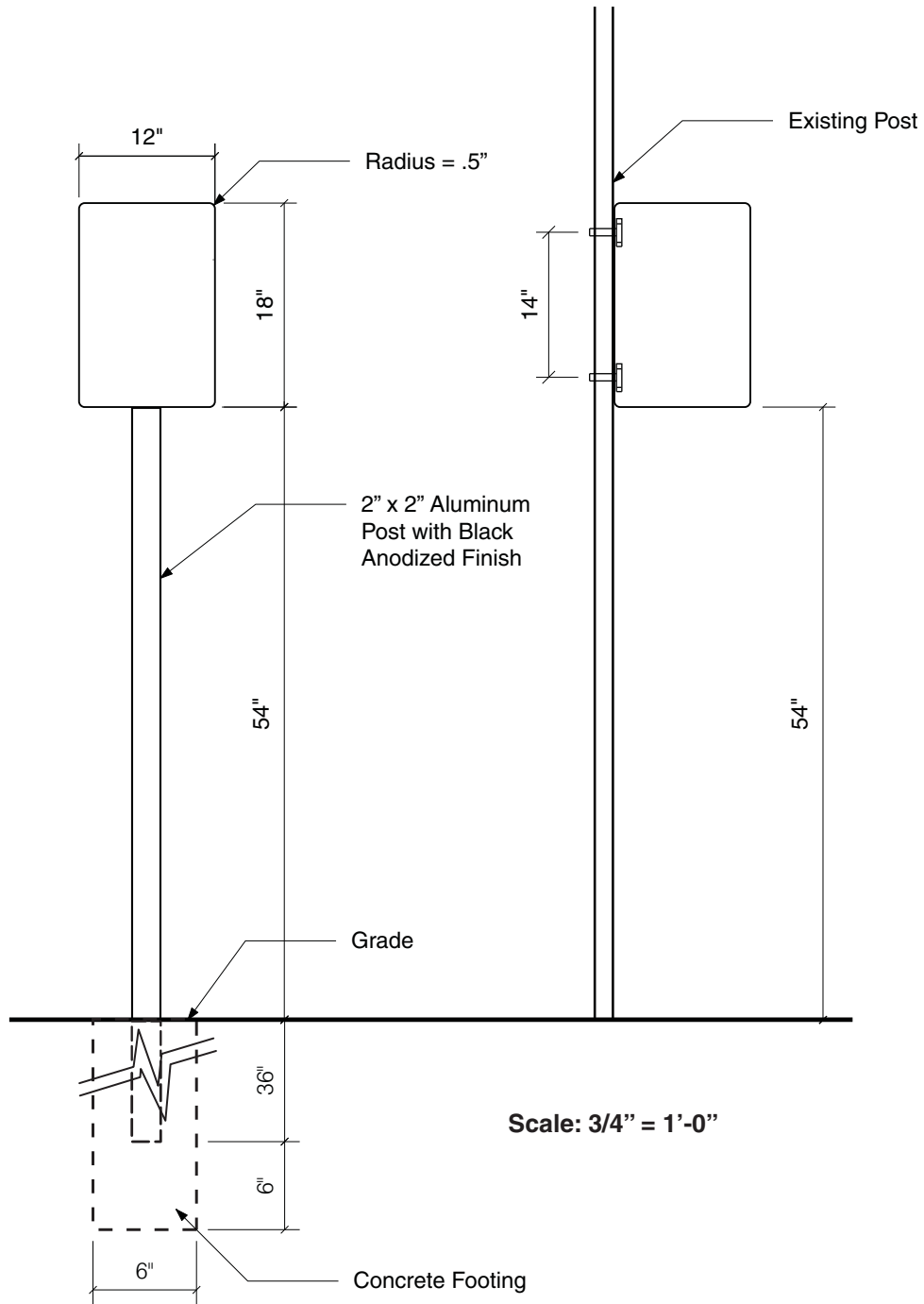
Sign Type 7:

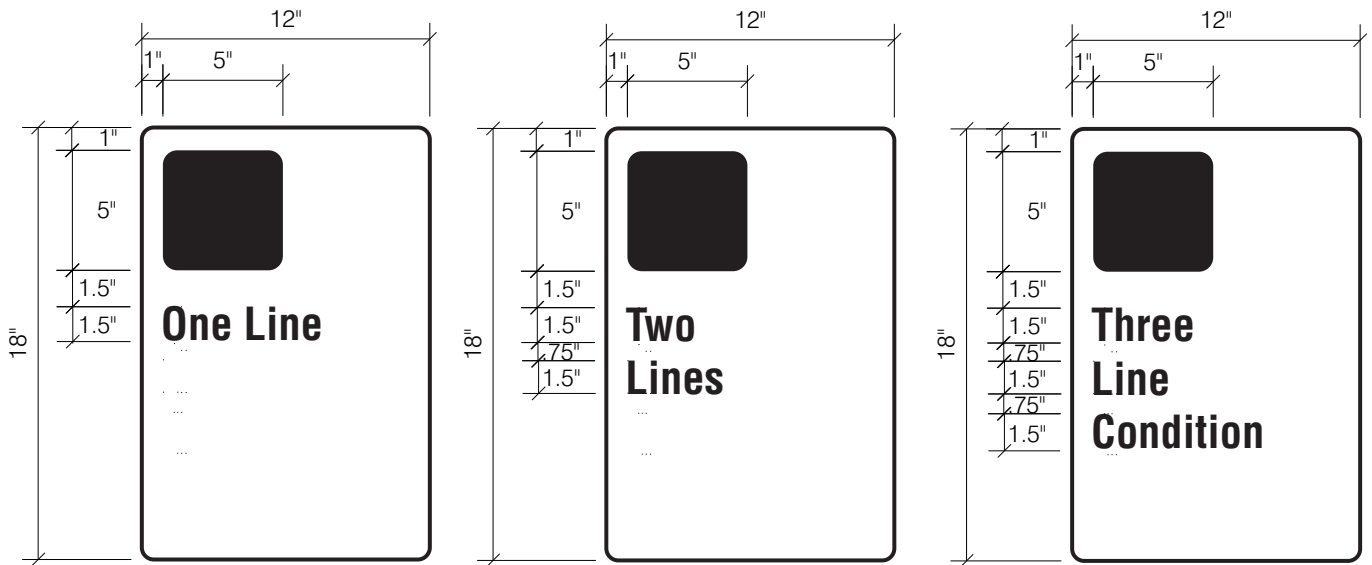
- 7.19 RESERVED
Parking
(Symbol)
(Double arrow)

\$300 Fine
(appears on a separate panel)
- 7.0 Custom

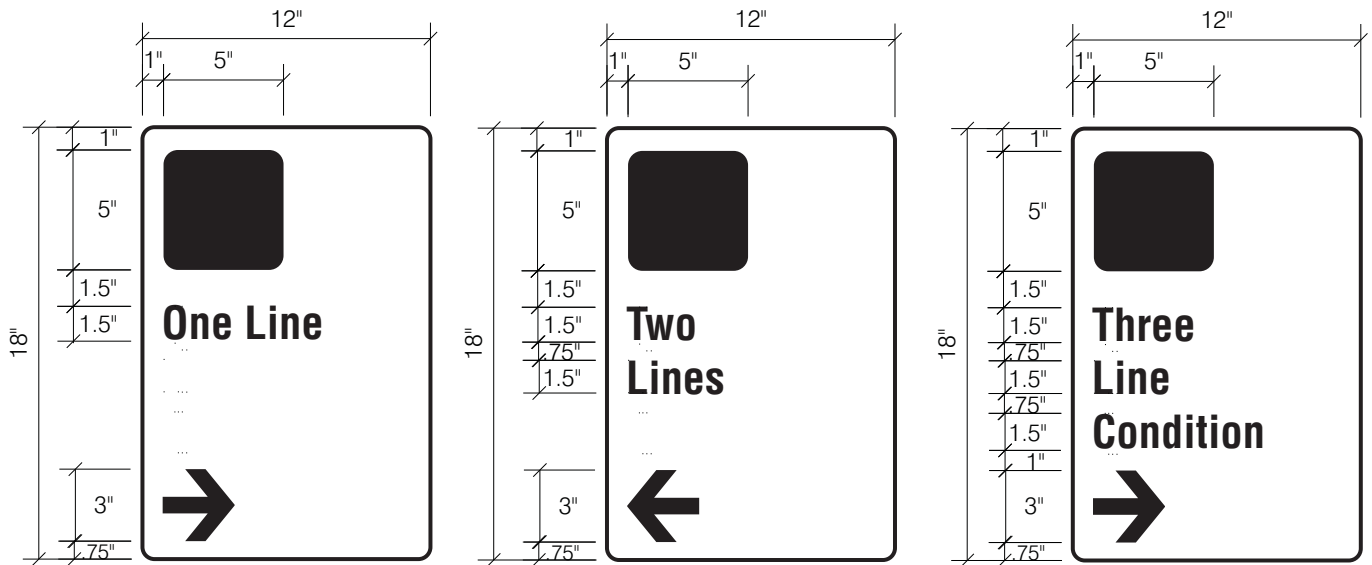
SIGN TYPE 7**Tertiary Identification / Directional Specifications**

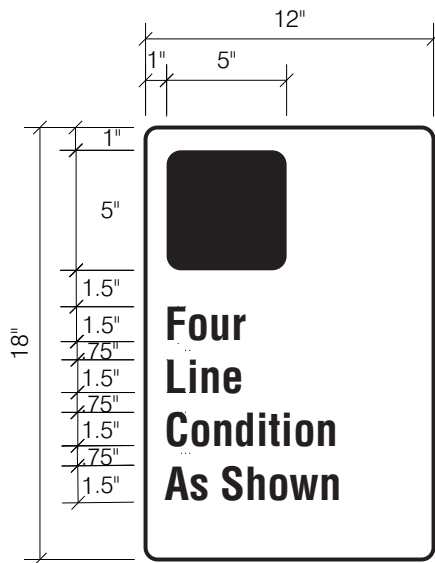
<i>Post Height:</i>	54" from grade to bottom of sign
<i>Panel Size:</i>	18"H x 12"W
<i>Material:</i>	.125" aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	1.5"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Symbol:</i>	Varies (see graphic details)
<i>Symbol Size:</i>	5"
<i>Symbol Color:</i>	White
<i>Arrow Size:</i>	3"
<i>Arrow Color:</i>	White



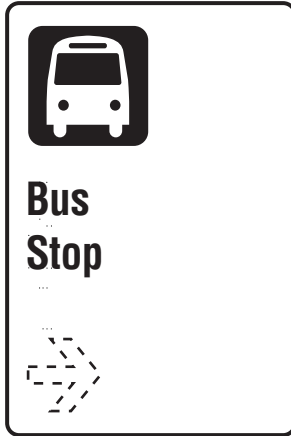


Identification





Identification



Sign Type 7.1
Used to identify and direct commuters to bus stop.



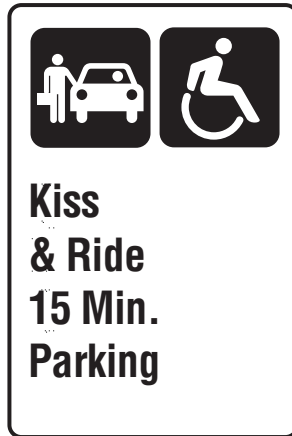
Sign Type 7.3A
Used to identify and direct commuters to drop-off and pick-up areas.



Sign Type 7.5



Sign Type 7.2
Used to identify and direct commuters to taxis.



Sign Type 7.3B



Sign Type 7.6



Sign Type 7.3
Used to identify and direct commuters to drop-off and pick-up areas.



Sign Type 7.4



Sign Type 7.7
Used to direct commuters to accessible entrances.



Sign Type 7.8
Used to direct disabled commuters to accessible exit.



Sign Type 7.11
Used to direct disabled commuters to trains.



Sign Type 7.14
Used to direct disabled commuters to ramp to trains coming from Chicago.



Sign Type 7.9
Used to direct disabled commuters to accessible exits to streets.



Sign Type 7.12
Used to direct disabled commuters to ramp to trains.



Sign Type 7.15
Used to direct disabled commuters to accessible paths to station.



Sign Type 7.10
Used to direct disabled commuters to ramps.



Sign Type 7.13
Used to direct disabled commuters from ramp to trains heading to Chicago.



Sign Type 7.16
Used to direct disabled commuters to accessible paths to main station area at large stations.



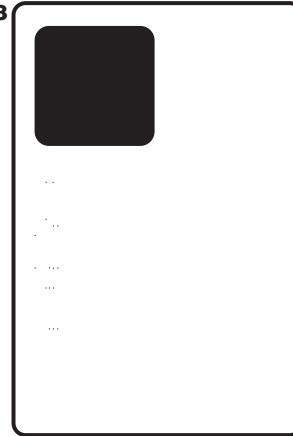
Sign Type 7.17

Used to identify boarding area for accessible train cars.



Sign Type 7.18

Used to direct disabled commuters to boarding area for train cars.



Sign Type 7.0

Used for custom messages.



Sign Type 7.19

Reserved Parking

Used to reserve parking spaces for disabled commuters.

Colors:
Legend and Border - Green
White Symbol on Blue Background
Background - White

These signs must follow the Illinois Accessibility Code current specifications referred to as R7-8 and R7-1101 (See page 217 - 218 for details).

Arrow is optional, but not typical on Metra's parking signs

Fine amount based on current regulatory requirements

Description:

This sign type is specified when installing sign type 6.5 is not desirable, such as on a glass shelter, or in a high-vandalism area. All Decals (sign types 8A to 8E) are die cut decals, appropriate for glass or out of reach surfaces. These decals are repositionable, removable and reusable. Sign type 8A to 8E decals can be specified for first surface or second surface applications and can be single or double sided. They shall be removable for up to two years in indoor or indoor/outdoor locations.

Sign type 8F decals are vinyl patches that are intended to cover portions of or faces of existing exterior signs or equipment for a minimum of three years. They are specified for first surface applications and are single sided.

Following are specifications and schematics for Type 8 signs.

Sign Type 8:

8A Decal (5" x 5" or smaller)

8B Decal (7" x 7" or 7" x 5")

8C Decal (11" x 17")

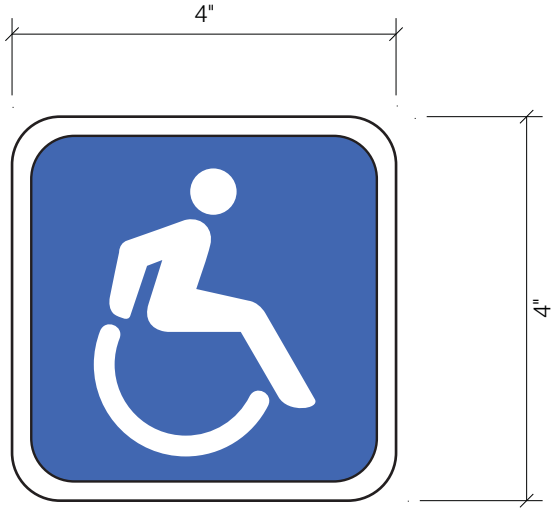
8D Decal (21" x 20")

8E Decal (by the square foot, up to 36" wide)

8F Vinyl Patch (by the square foot)

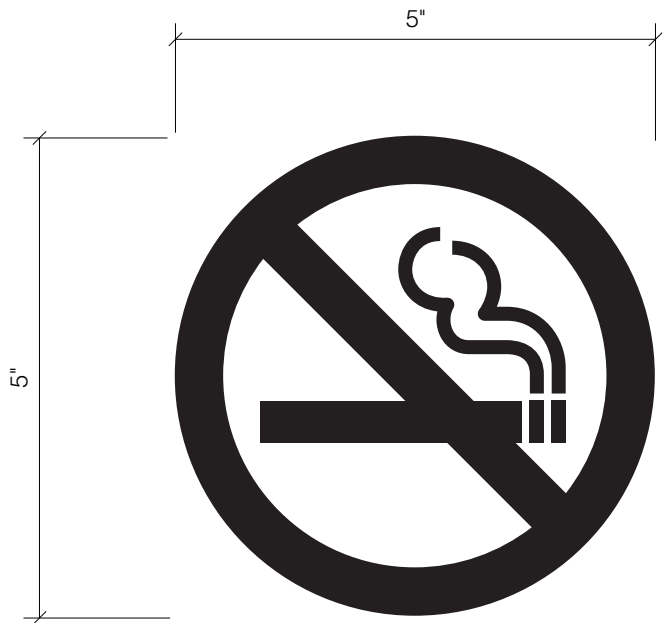
<i>Mounting Height:</i>	66" bottom of symbol to grade (Actual conditions may vary and may require a custom specification.)
<i>Size:</i>	5" x 5" or smaller
<i>Material:</i>	<p>Repositionable, removable, reusable die-cut vinyl. Shall be fabricated from a pressure sensitive, adhesive-backed, high tensile strength vinyl film. Pressure sensitive decals shall not be merely a film constructed of inks and lacquers with an adhesive backing.</p> <p>Class D - Promotional 6 Month to One Year - Class D Decals shall be removable for up to two years, with little or no adhesive residue, from most surfaces, without the aid of accessories or chemical strippers.</p> <p>Can be specified for first or second surface applications. Can be double or single sided.</p> <p>All decals shall be free from blisters, cracks, foreign matter and other imperfections.</p>
<i>Thickness:</i>	<p>Film shall be 0.003" to 0.005" (0.0762mm to 0.0127mm) thick.</p> <p>This thickness does not include the adhesive, liner (backing paper release), clear protective coating or overlamine film, or transfer tape (when needed).</p>
<i>Liner (Backing Paper Release):</i>	<p>All pressure sensitive vinyl patches shall have at least one score in the backing paper for easy application of the decal.</p> <p>Liner (backing paper release) - One year after manufacture, decals furnished shall release from their liners with equal ease as the newly manufactured products.</p>
<i>Weather Resistance:</i>	<p>Decals shall be water resistant. The weathering quality of the decals shall be such that they show no appreciable deterioration such as cracking, checking, blistering, delamination (peeling), or loss of adhesion after one (1) year of field use. A slight amount of color fading and chalking is permissible.</p>
<i>Symbol Color:</i>	Clear, Red, Blue, White and Black

NOTE: Artwork, colors and messaging may vary.

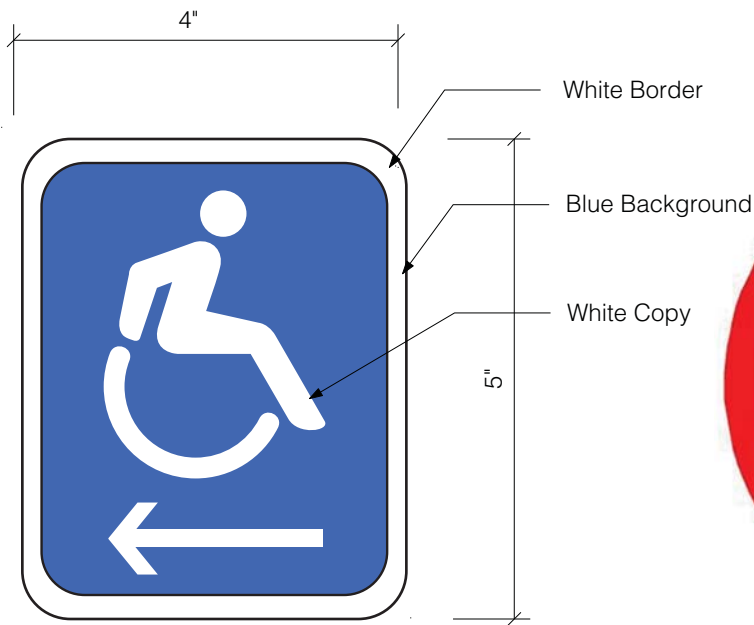


DOUBLE SIDED

SECOND SURFACE APPLY (Adhesive on Front)



Actual symbol color is white



DOUBLE SIDED

SECOND SURFACE APPLY
(Adhesive on Front)



Pursuant to
430 ILCS 66/65

Actual symbol color is
red and black

<i>Mounting Height:</i>	60" bottom of symbol to grade (Actual conditions may vary and may require a custom specification.)
<i>Size:</i>	7" x 7" or 7" x 5"
<i>Material:</i>	<p>Repositionable, removable, reusable die-cut vinyl. Shall be fabricated from a pressure sensitive, adhesive-backed, high tensile strength vinyl film. Pressure sensitive decals shall not be merely a film constructed of inks and lacquers with an adhesive backing.</p> <p>Class D - Promotional 6 Month to One Year - Class D Decals shall be removable for up to two years, with little or no adhesive residue, from most surfaces, without the aid of accessories or chemical strippers.</p> <p>Can be specified for first or second surface applications. Can be double or single sided.</p> <p>All decals shall be free from blisters, cracks, foreign matter and other imperfections.</p>
<i>Thickness:</i>	<p>Film shall be 0.003" to 0.005" (0.0762mm to 0.0127mm) thick.</p> <p>This thickness does not include the adhesive, liner (backing paper release), clear protective coating or overlamine film, or transfer tape (when needed).</p>
<i>Liner (Backing Paper Release):</i>	<p>All pressure sensitive vinyl patches shall have at least one score in the backing paper for easy application of the decal.</p> <p>Liner (backing paper release) - One year after manufacture, decals furnished shall release from their liners with equal ease as the newly manufactured products.</p>
<i>Weather Resistance:</i>	<p>Decals shall be water resistant. The weathering quality of the decals shall be such that they show no appreciable deterioration such as cracking, checking, blistering, delamination (peeling), or loss of adhesion after one (1) year of field use. A slight amount of color fading and chalking is permissible.</p>
<i>Symbol Color:</i>	Black, Red, Grey, White

NOTE: Artwork, colors and messaging may vary.



<i>Mounting Height:</i>	Varies
<i>Size:</i>	11" x 17"
<i>Material:</i>	<p>Repositionable, removable, reusable die-cut vinyl. Shall be fabricated from a pressure sensitive, adhesive-backed, high tensile strength vinyl film. Pressure sensitive decals shall not be merely a film constructed of inks and lacquers with an adhesive backing.</p> <p>Class D - Promotional 6 Month to One Year - Class D Decals shall be removable for up to two years, with little or no adhesive residue, from most surfaces, without the aid of accessories or chemical strippers.</p> <p>Can be specified for first or second surface applications. Can be double or single sided.</p> <p>All decals shall be free from blisters, cracks, foreign matter and other imperfections.</p>
<i>Thickness:</i>	<p>Film shall be 0.003" to 0.005" (0.0762mm to 0.0127mm) thick.</p> <p>This thickness does not include the adhesive, liner (backing paper release), clear protective coating or overlamine film, or transfer tape (when needed).</p>
<i>Liner (Backing Paper Release):</i>	<p>All pressure sensitive vinyl patches shall have at least one score in the backing paper for easy application of the decal.</p> <p>Liner (backing paper release) - One year after manufacture, decals furnished shall release from their liners with equal ease as the newly manufactured products.</p>
<i>Weather Resistance:</i>	<p>Decals shall be water resistant. The weathering quality of the decals shall be such that they show no appreciable deterioration such as cracking, checking, blistering, delamination (peeling), or loss of adhesion after one (1) year of field use. A slight amount of color fading and chalking is permissible.</p>
<i>Copy Color:</i>	White
<i>Background Color:</i>	Blue (PMS 301)

NOTE: Artwork, colors and messaging may vary.

BOARDING INFORMATION

THE FOLLOWING WEEKDAY
TRAINS NOW BOARD FROM
PLATFORM #3, OPPOSITE
THE STATION SIDE:

7:35 AM (Train No. 28 to Chicago)
8:01 AM (Train No. 34 to Chicago)
11:06 AM (Train No. 44 to Chicago)
1:06 PM (Train No. 48 to Chicago)
2:06 PM (Train No. 50 to Chicago)
3:06 PM (Train No. 52 to Chicago)
4:06 PM (Train No. 54 to Chicago)
6:28 PM (Train No. 60 to Chicago)
8:06 PM (Train No. 64 to Chicago)
9:06 PM (Train No. 66 to Chicago)
10:06 PM (Train No. 68 to Chicago)
11:06 PM (Train No. 70 to Chicago)

The Metra logo, featuring the word "Metra" in a stylized, italicized font with a horizontal line underneath.

<i>Mounting Height:</i>	48" bottom of sign to grade (Actual conditions may vary and may require a custom specification.)
<i>Size:</i>	20" x 21"
<i>Material:</i>	<p>Repositionable, removable, reusable die-cut vinyl. Shall be fabricated from a pressure sensitive, adhesive-backed, high tensile strength vinyl film. Pressure sensitive decals shall not be merely a film constructed of inks and lacquers with an adhesive backing.</p> <p>Class D - Promotional 6 Month to One Year - Class D Decals shall be removable for up to two years, with little or no adhesive residue, from most surfaces, without the aid of accessories or chemical strippers.</p> <p>Can be specified for first or second surface applications. Can be double or single sided.</p> <p>All decals shall be free from blisters, cracks, foreign matter and other imperfections.</p>
<i>Thickness:</i>	<p>Film shall be 0.003" to 0.005" (0.0762mm to 0.0127mm) thick.</p> <p>This thickness does not include the adhesive, liner (backing paper release), clear protective coating or overlaminated film, or transfer tape (when needed).</p>
<i>Liner (Backing Paper Release):</i>	<p>All pressure sensitive vinyl patches shall have at least one score in the backing paper for easy application of the decal.</p> <p>Liner (backing paper release) - One year after manufacture, decals furnished shall release from their liners with equal ease as the newly manufactured products.</p>
<i>Weather Resistance:</i>	<p>Decals shall be water resistant. The weathering quality of the decals shall be such that they show no appreciable deterioration such as cracking, checking, blistering, delamination (peeling), or loss of adhesion after one (1) year of field use. A slight amount of color fading and chalking is permissible.</p>
<i>Copy and Border Color:</i>	Varies
<i>Symbol Color:</i>	Varies
<i>Background Color:</i>	Varies

NOTE: Artwork, colors and messaging will vary.

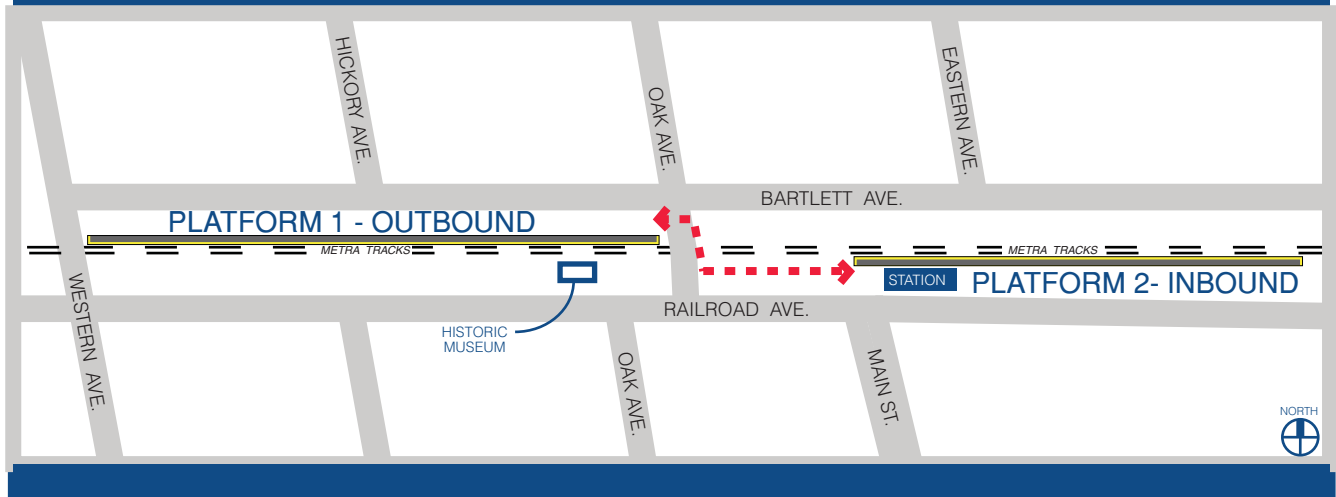


TRAINS TO CHICAGO
NORMALLY BOARD FROM PLATFORM 2 (STATION SIDE)

TRAINS FROM CHICAGO
NORMALLY BOARD FROM PLATFORM 1
(ACROSS THE OAK STREET PEDESTRIAN CROSSING)

TRAINS MAY OPERATE ON OPPOSITE PLATFORMS.

**PLEASE LISTEN FOR PLATFORM
CHANGE ANNOUNCEMENTS.**



NOTE: Artwork supplied by Metra

<i>Mounting Height:</i>	Varies
<i>Size:</i>	Varies, to be measured by the Square Foot, Up to 36" Wide.
<i>Material:</i>	<p>Repositionable, removable, reusable die-cut vinyl. Shall be fabricated from a pressure sensitive, adhesive-backed, high tensile strength vinyl film. Pressure sensitive decals shall not be merely a film constructed of inks and lacquers with an adhesive backing.</p> <p>Class D - Promotional 6 Month to One Year - Class D Decals shall be removable for up to two years, with little or no adhesive residue, from most surfaces, without the aid of accessories or chemical strippers.</p> <p>Can be specified for first or second surface applications. Can be double or single sided.</p> <p>All decals shall be free from blisters, cracks, foreign matter and other imperfections.</p>
<i>Thickness:</i>	<p>Film shall be 0.003" to 0.005" (0.0762mm to 0.0127mm) thick.</p> <p>This thickness does not include the adhesive, liner (backing paper release), clear protective coating or overlamine film, or transfer tape (when needed).</p>
<i>Liner (Backing Paper Release):</i>	<p>All pressure sensitive vinyl patches shall have at least one score in the backing paper for easy application of the decal.</p> <p>Liner (backing paper relelase) - One year after manufacture, decals furnished shall release from their liners with equal ease as the newly manufactured products.</p>
<i>Weather Resistance:</i>	<p>Decals shall be water resistant. The weathering quality of the decals shall be such that they show no apprecialbe deterioration such as cracking, checking, blistering, delamination (peeling), or loss of adhesion after one (1) year of field use. A slight amount of color fading and chalking is permissible.</p>

NOTE: Artwork, colors and messaging will vary.



NOTE:
Second surface graphics and
double sided decal.

Mounting Height:

Varies

Size:

Varies, to be measured by Square Foot

Material:

Shall be fabricated from a pressure sensitive adhesive-backed, high tensile strength, opaque vinyl film. Intended for use on exterior surfaces of vehicles, equipment or existing signs.

All decals shall be free from blisters, cracks, foreign matter and other imperfections.

Thickness:

Film shall be 0.003" to 0.005" (0.0762mm to 0.0127mm) thick.
This thickness does not include the adhesive, liner (backing paper release), clear protective coating or overlamine film, or transfer tape (when needed).

Liner (Backing Paper Release):

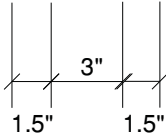
All pressure sensitive vinyl patches shall have at least one score in the backing paper for easy application of the decal.

Liner (backing paper release) - One year after manufacture, decals furnished shall release from their liners with equal ease as the newly manufactured products.

Note: Messaging, colors and artwork may vary.



2" Copy Height
White Copy
Metra blue background



2" Copy Height
White Copy
Metra blue background



NOTE: Artwork, colors and messaging will vary.

Description:

The purpose of these signs is to provide direction to Metra Stations on municipal roads.

Mounting:

These signs are capable of being mounted on a single post, or mounted onto another surface, such as a lightpost. All mountings shall utilize tamperproof hardware painted out to match face of sign.

Following are specifications and schematics for Type 9 signs.

SIGN TYPE 9

**Trailblazer Sign
Sign Types**

Sign Type 9:

9A Trailblazer sign

9B Trailblazer sign

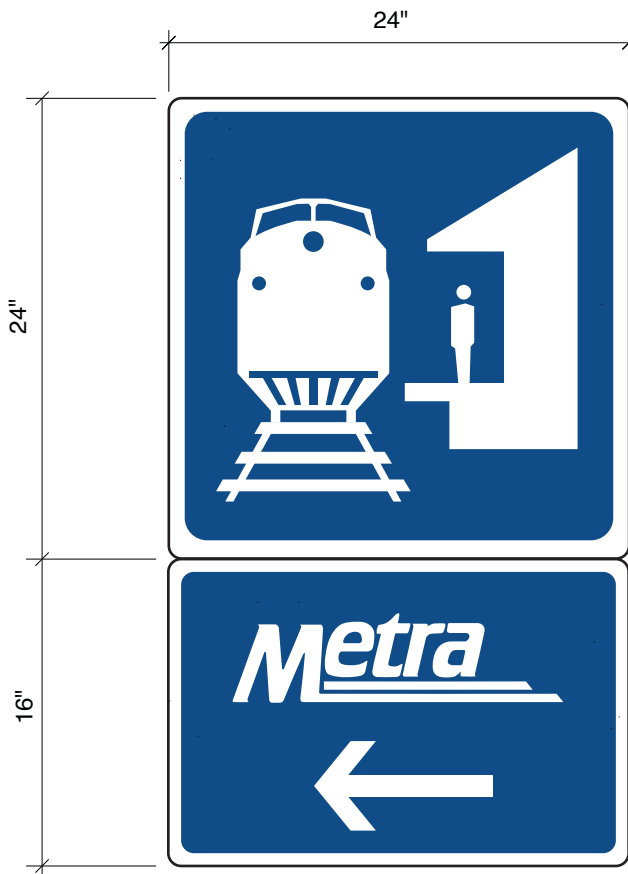
9C Trailblazer sign

9D Major Station Identifier

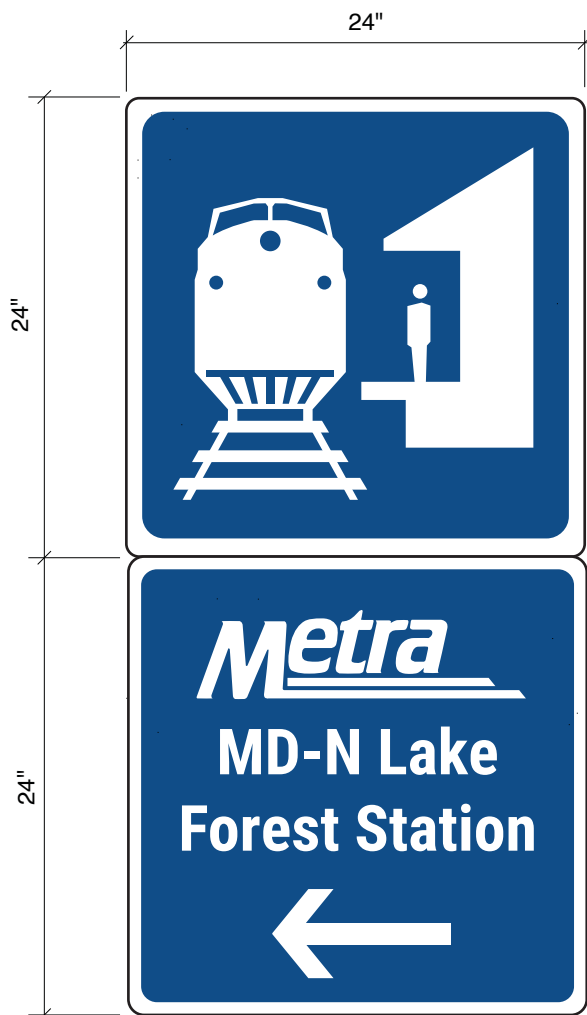
SIGN TYPE 9A**Trailblazer Sign
Specifications**

<i>Panel Size:</i>	24”H X 24”W
<i>Lower Panel Size:</i>	24”H X 24”W or 16”H X 24”W
<i>Material:</i>	.125” aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Symbols:</i>	Train station symbol, border and Metra logo exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Symbol Size:</i>	Metra logo - 4.5” H
<i>Symbol, Copy & Border Color:</i>	White or White Reflective (coordinate with permitting authority)
<i>Arrow Size:</i>	9” W
<i>Arrow Color:</i>	White or White Reflective (coordinate with permitting authority)

Standard Lower Panel:



Lower Panel with Station Name:

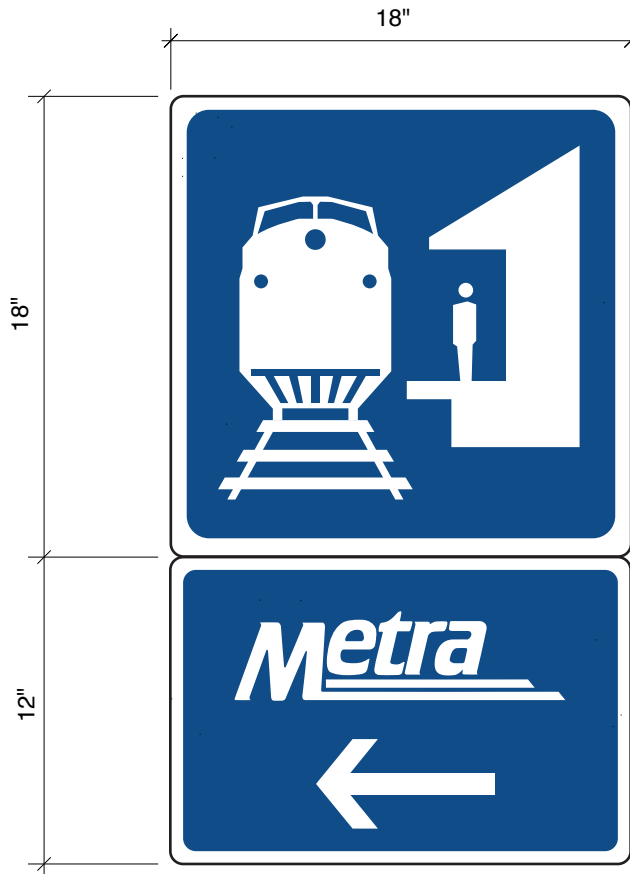


Note: Direction of arrow TBD.

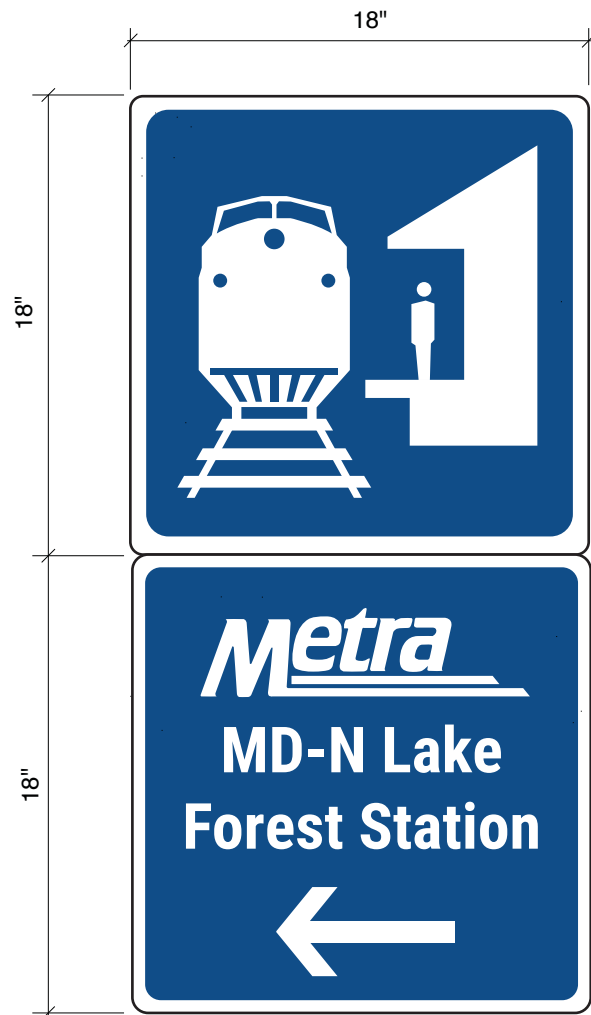
SIGN TYPE 9B**Trailblazer Sign
Specifications**

<i>Panel Size:</i>	18"H X 18"W
<i>Lower Panel Size:</i>	18"H X 18"W or 12"H X 18"W
<i>Material:</i>	.125" aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Symbols:</i>	Train station symbol, border and Metra logo exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glos- simeter.
<i>Symbol Size:</i>	Metra logo - 3.5" H
<i>Symbol, Copy & Border Color:</i>	White or White Reflective (coordinate with permitting authority)
<i>Arrow Size:</i>	7" W
<i>Arrow Color:</i>	White or White Reflective (coordinate with permitting authority)

Standard Lower Panel:



Lower Panel with Station Name:



Note: Direction of arrow TBD.

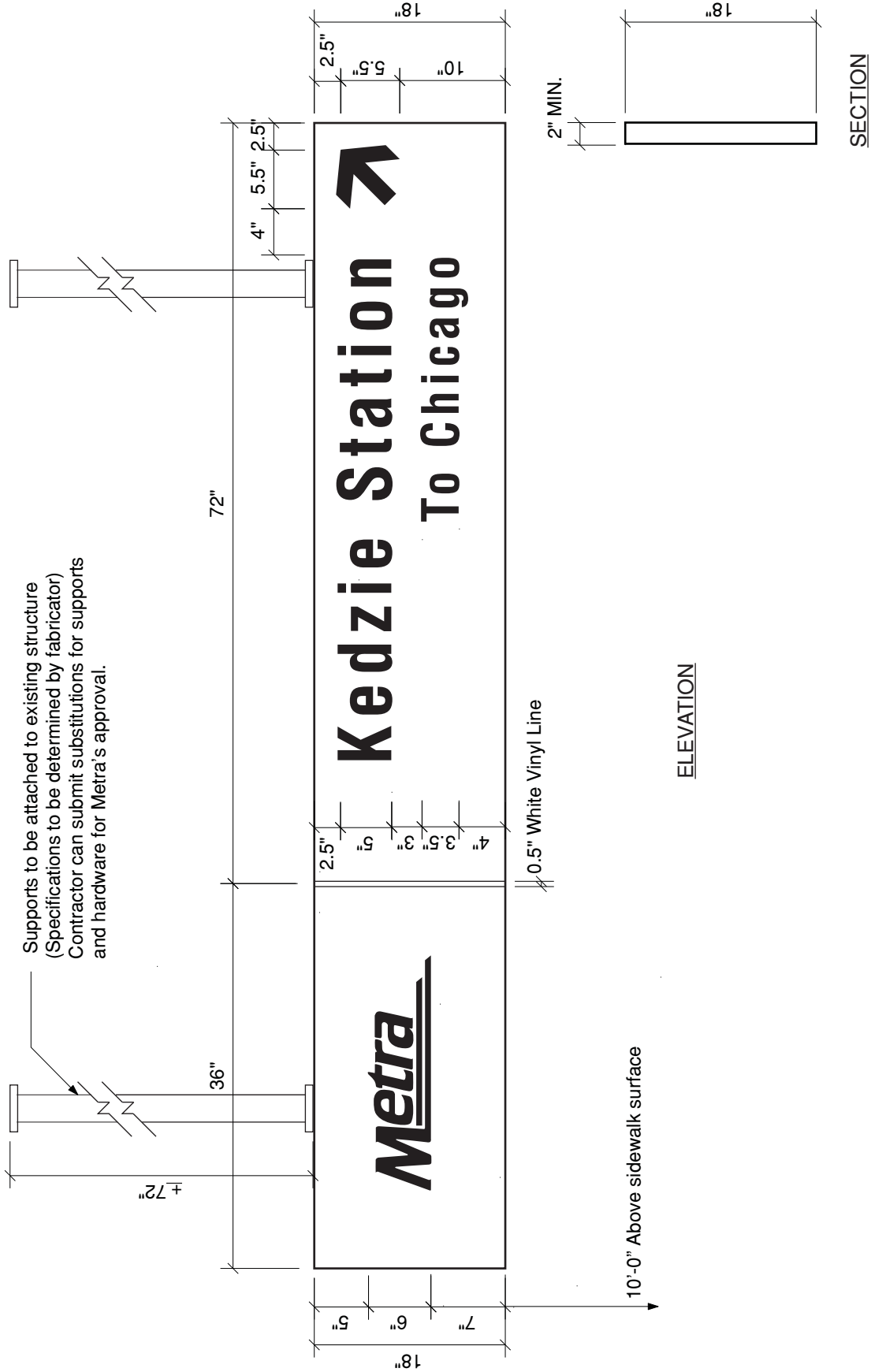
SIGN TYPE 9C**Trailblazer Sign
Specifications**

<i>Panel Size:</i>	18"H X 12"W
<i>Material:</i>	.125" aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Symbols:</i>	Train station symbol, border and Metra logo exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Symbol Size:</i>	Metra logo - 2" H
<i>Symbol, Copy & Border Color:</i>	White or White Reflective (coordinate with permitting authority)
<i>Arrow Size:</i>	6" W
<i>Arrow Color:</i>	White or White Reflective (coordinate with permitting authority)



SIGN TYPE 9D**Major Station Identifier
Specifications**

<i>Size:</i>	18"H X 108W X 2" THK
<i>Material:</i>	.125" Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane w/UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	Two line condition- 5" Cap height on station name - 3 1/2" Cap height on secondary name
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Mounting:</i>	Ceiling mounted (Specifications for supports and hardware will vary based on existing conditions of sign location. Fabricator to submit proposed specifications for supports and hardware to Metra for approval.)



Description:

The purpose of these signs is to caution commuters, pedestrians, and cyclists at station platform and railroad crossing.

Mounting:

These signs are capable of being mounted on a single or double post, or mounted onto another surface, such as a lightpost or intertrack fencing. All mounting shall utilized tamperproof hardware painted out to match face of sign.

Followings are specifications and schematics for Type 10 signs.

Sign Type 10:

10A Danger Sign

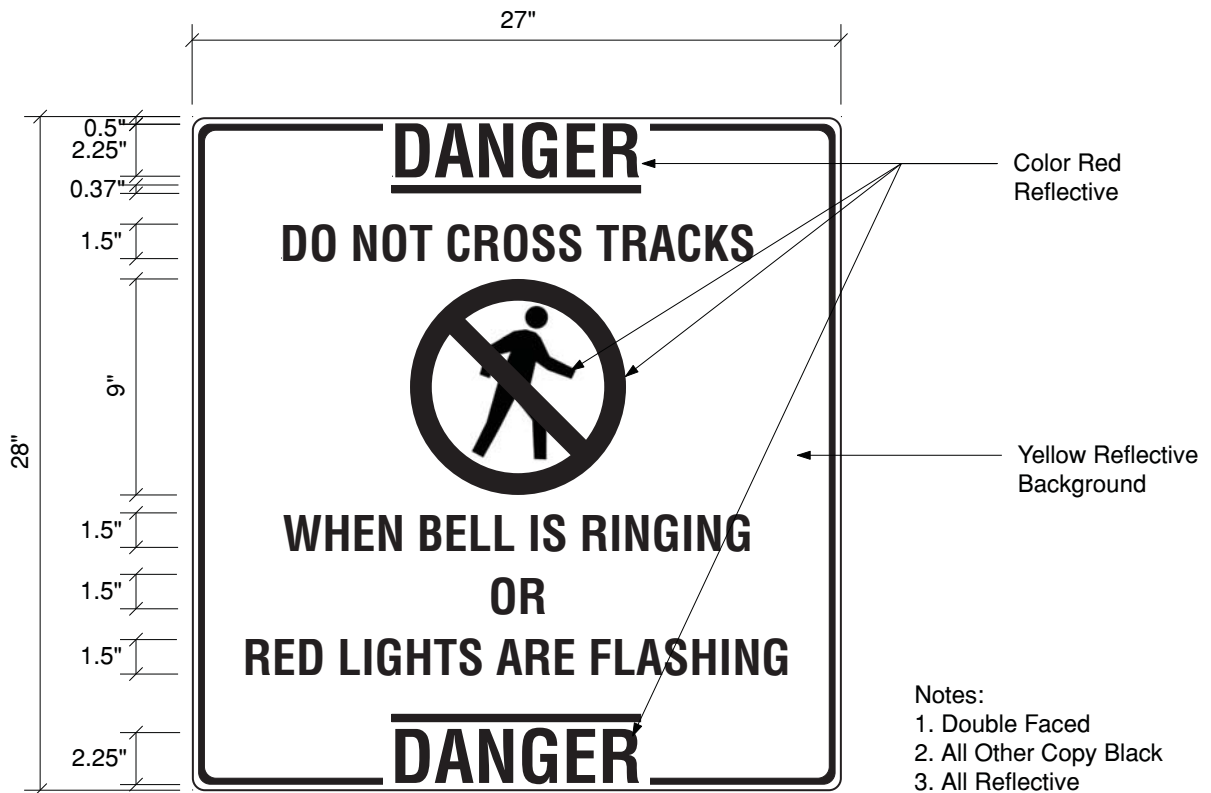
10B Danger Sign

10C Plate Sign by the Square Foot

10D Warning Sign

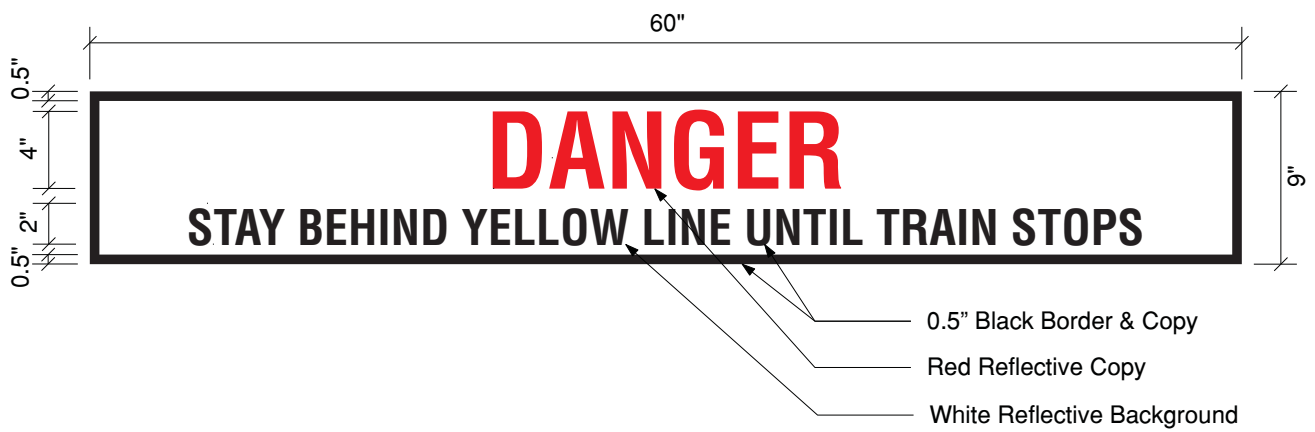
SIGN TYPE 10A**Caution Sign - Do Not Cross Track Specifications**

<i>Panel size:</i>	28" H x 27" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Yellow Reflective
<i>Symbol and Copy:</i>	Exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2.25" and 1.5" Cap height
<i>Copy Color:</i>	Red Reflective and Black
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Symbol Size:</i>	9" Diameter
<i>Symbol Color:</i>	Red Reflective



SIGN TYPE 10B**Caution Sign - Danger
Specifications**

<i>Panel size:</i>	9" H x 60" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White Reflective with black border
<i>Copy:</i>	Exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2" and 4" Cap height
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	Black and Red Reflective

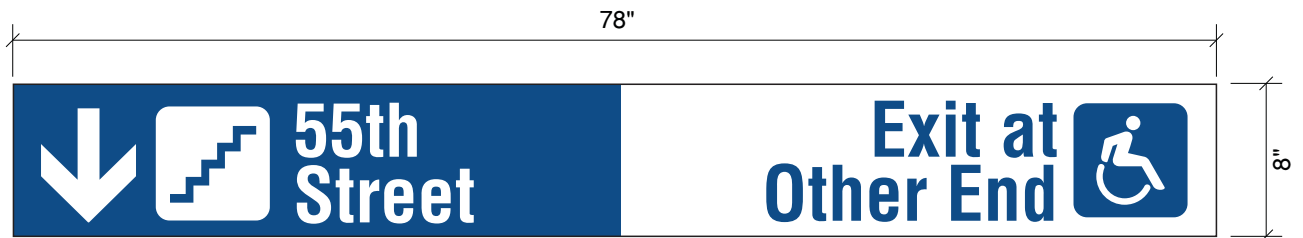
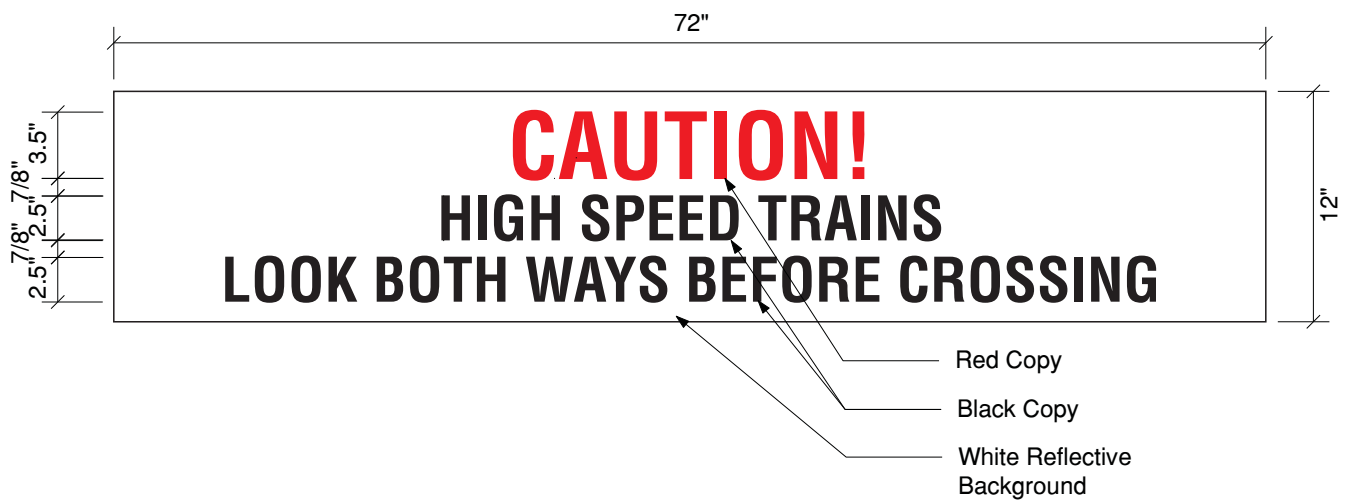


SIGN TYPE 10C**Plate Sign by the Square Foot Specifications**

<i>Panel size:</i>	12" H x 72" W* (Dimensions Vary - Measured by the Square Foot)
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White Reflective*
<i>Copy:</i>	Exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed*
<i>Copy Size:</i>	2.5" and 3.5" Cap height*
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	Black and Red*

**Note: Artwork, colors, reflectivity, messaging and fonts will vary.
Panels may be either double or single sided.**

**NOTE: Artwork, messaging, colors, reflectivity and panel size will vary.
Panel may be single or double sided.**



SIGN TYPE 10D**Caution Sign - Warning Specifications**

<i>Panel size:</i>	24" H x 30" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Yellow with Black border
<i>Copy:</i>	Exterior grade vinyl die-cut or silkscreened, with silkscreen protected by a clear topcoat containing UV inhibitors. Topcoat must be 11-19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3.5" Cap height
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	Black
<i>Symbol:</i>	Yield and Stop
<i>Symbol Size:</i>	11.25" H x 11.25" W
<i>Symbol Color:</i>	Red Reflective and White Reflective
<i>Arrow:</i>	Custom
<i>Arrow Size:</i>	3.5" H x 15.25"
<i>Arrow Color:</i>	Black



Pedestrian & Cyclist Warning Sign
"YIELD - LOOK FOR TRAINS"



ALTERNATE USE OF STOP SIGN

DOWNTOWN TERMINALS

Description:

In addition to Sign Types 1-10, specifications are provided for sign types specific to the Downtown Terminal: A1, A2, B1, B2, C1 and R.

All symbols and arrows used on Downtown Terminal signs should be consistent with those used on other signs in the Program.

Following are general specifications for these sign types as well as schematics showing sign sizes, messages, and placement.

Sign Types:

A1 Large Ceiling Directional

A2 Medium Ceiling Directional

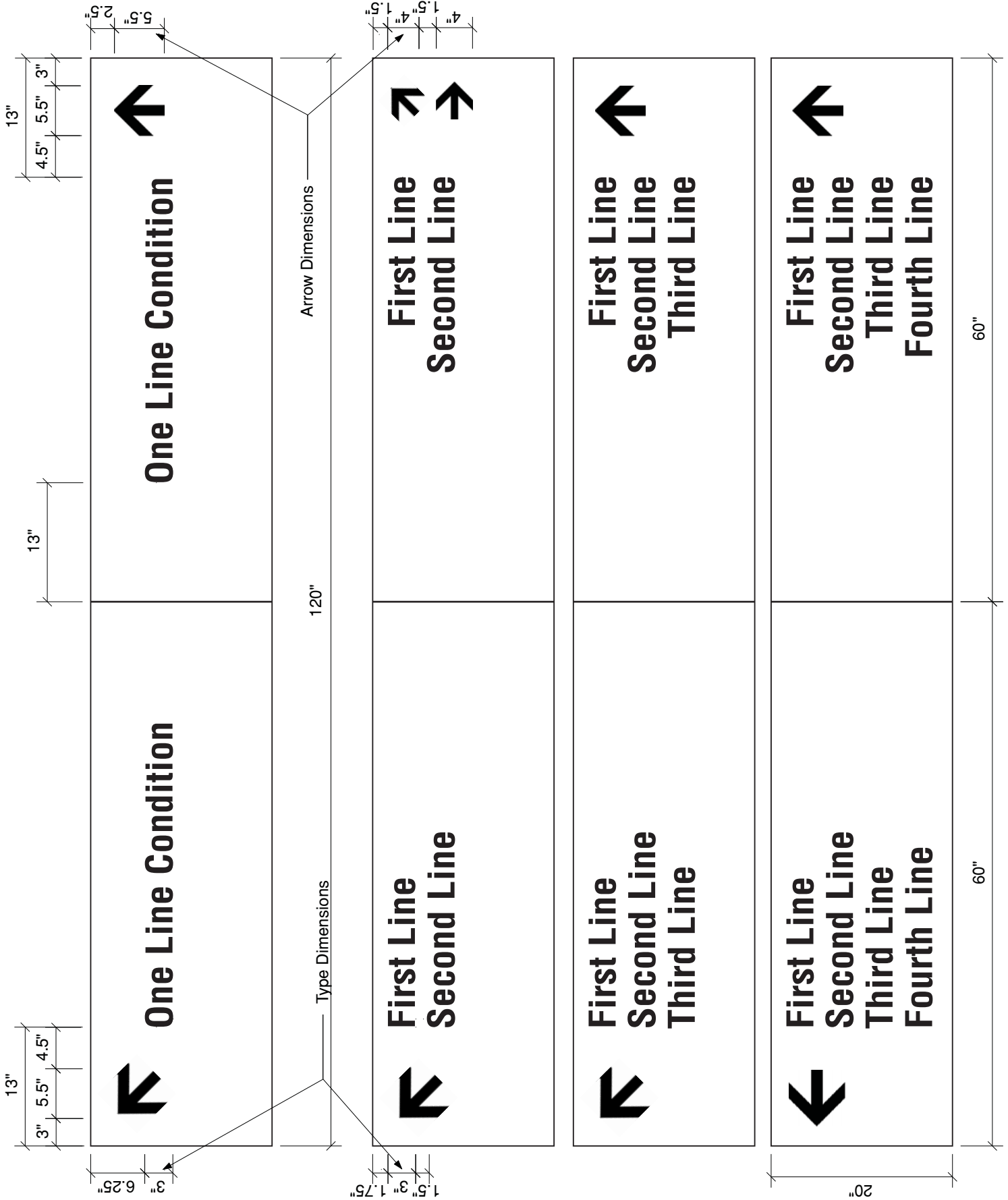
B1 Small Ceiling Identification / Directional

B2 Small Ceiling Identification / Directional

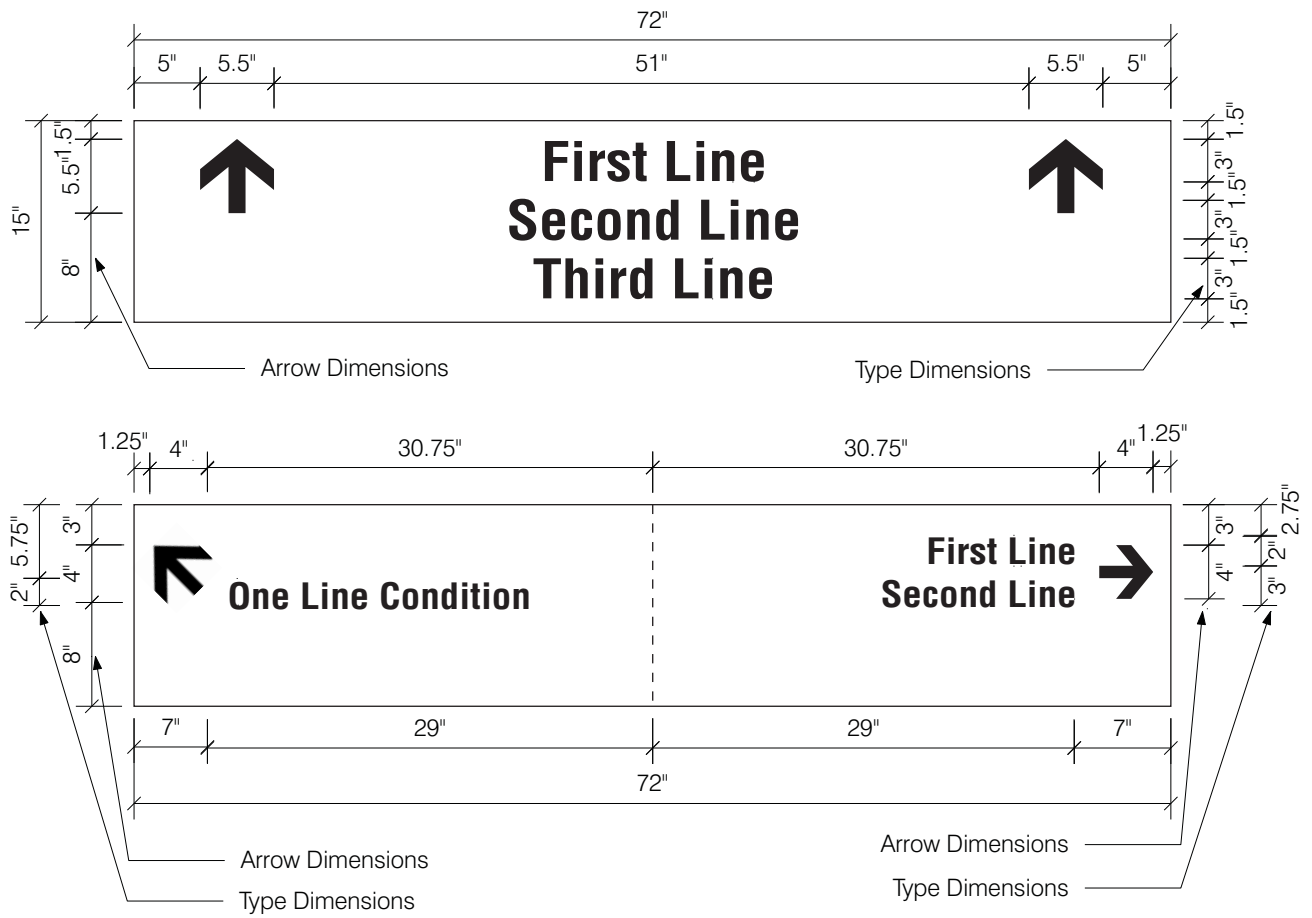
C1 Secondary Identification / Directional

R Tickets

<i>Size:</i>	20" H X 120" W (Ceiling height should be checked to ensure proper clearance under sign. A low ceiling may require a sign height of less than 20".)
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane - interior applications do not require UV inhibitors, exterior applications do require UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy and Arrows:</i>	Vinyl die-cut graphics
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" Cap height
<i>Arrow Size:</i>	5 1/2" x 6" and 4" x 4" x 4 1/4" (see schematics)
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Mounting:</i>	Ceiling mounted (Specifications for supports and hardware will vary based on existing conditions of sign location. Fabricator to submit proposed specifications for supports and hardware to Metra for approval.)

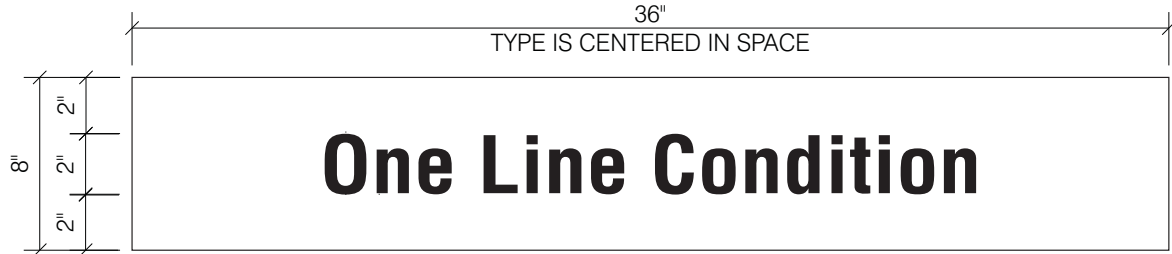


<i>Size:</i>	15" H X 72" W (Ceiling height should be checked to ensure proper clearance under sign. A low ceiling may require a sign height of less than 15".)
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane - interior applications do not require UV inhibitors, exterior applications do require UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy and Arrows:</i>	Vinyl die-cut graphics
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" Cap height and 2" Cap height
<i>Arrow Size:</i>	5 1/2" and 4" (see schematics)
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Mounting:</i>	Ceiling mounted and flush mounted (Specifications for supports and hardware will vary based on existing conditions of sign location. Fabricator to submit proposed specifications for supports and hardware to Metra for approval.)



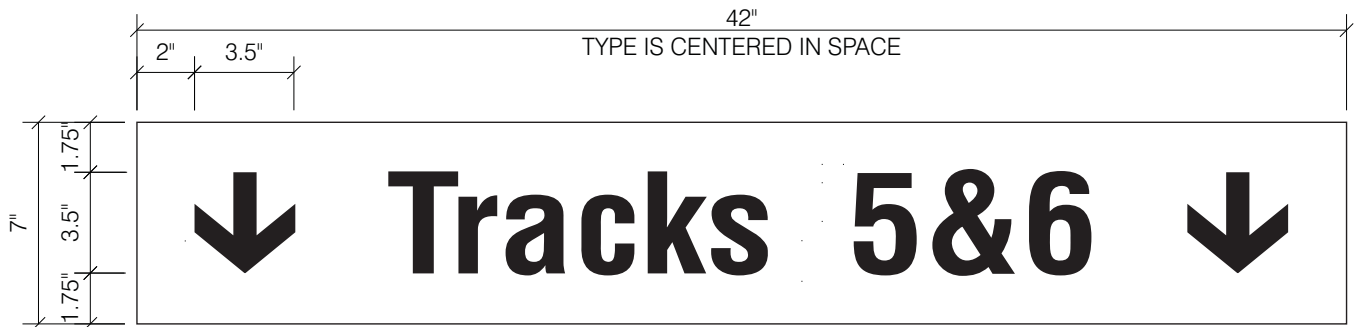
DOWNTOWN TERMINALS**Sign Type B1 - Small Ceiling Identificational / Directional Specifications**

<i>Size:</i>	6" H X 36" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane - interior applications do not require UV inhibitors, exterior applications do require UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Finish both sides / To match PMS 301
<i>Copy and Arrows:</i>	Vinyl die-cut graphics
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2" Cap height
<i>Symbol Size:</i>	4"
<i>Arrow Size:</i>	2 1/2" and 3 3/4"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Symbol and Arrow Color:</i>	White
<i>Mounting:</i>	Ceiling mounted and flush mounted (Specifications for supports and hardware will vary based on existing conditions of sign location. Fabricator to submit proposed specifications for supports and hardware to Metra for approval.)



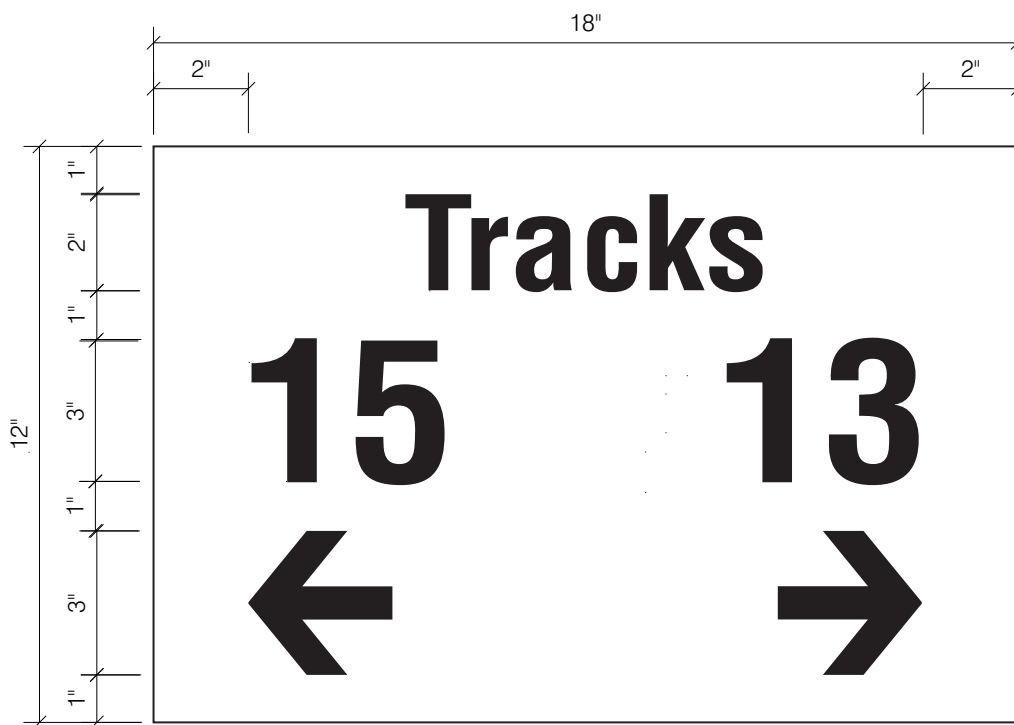
DOWNTOWN TERMINALS**Sign Type B2 - Small Ceiling Identificational / Directional Specifications**

<i>Size:</i>	7" H X 42" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane - interior applications do not require UV inhibitors, exterior applications do require UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Finish both sides / To match PMS 301
<i>Copy and Arrows:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3 1/2" Cap height
<i>Arrow Size:</i>	3 1/2"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Arrow Color:</i>	White
<i>Mounting:</i>	Ceiling mounted and flush mounted (Specifications for supports and hardware will vary based on existing conditions of sign location. Fabricator to submit proposed specifications for supports and hardware to Metra for approval.)



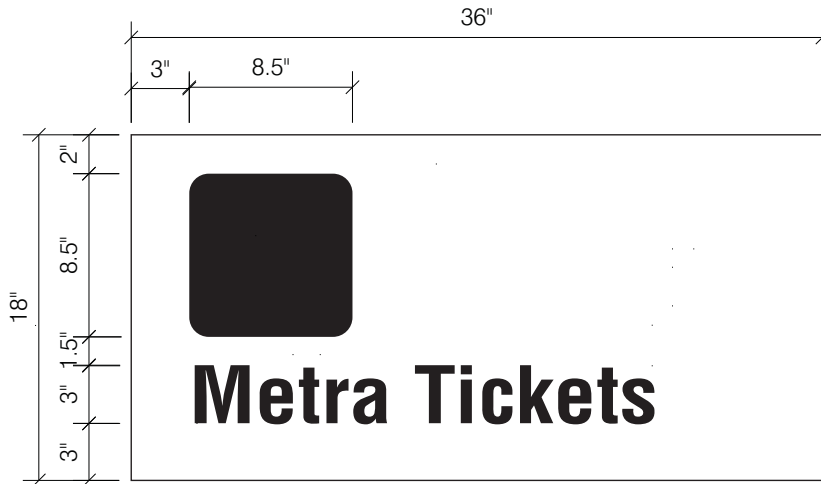
DOWNTOWN TERMINALS**Sign Type C1 - Secondary Identificational / Directional Specifications**

<i>Size:</i>	12" H X 18" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane - interior applications do not require UV inhibitors, exterior applications do require UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy and Arrows:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2" and 3" Cap height
<i>Arrow Size:</i>	3"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Arrow Color:</i>	White



DOWNTOWN TERMINALS**Sign Type R - Tickets
Specifications**

<i>Size:</i>	18" H X 36" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane - interior applications do not require UV inhibitors, exterior applications do require UV inhibitors. Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	1 or 2 sides / To match PMS 301
<i>Copy and Arrows:</i>	Silkscreened with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" Cap height
<i>Symbol Size:</i>	8.5"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White
<i>Symbol Color:</i>	Blue (PMS 301) on White background
<i>Mounting:</i>	Ceiling or Flush Mounted (Specifications for hardware will vary based on existing conditions of sign location. Fabricator to submit proposed specifications for hardware to Metra for approval.)



Description:

In addition to Sign Types 1-10 and Downtown Terminal Sign Types, specifications are provided for sign types specific to the Parking Signages.

All symbols and arrows used on Parking Signage should be consistent with those used on other signs in the Program.

Following are general specifications for these sign types as well as schematics showing sign sizes, messages, and placement.

Sign Types:

P-1A Entrance - Large Identification

P-1B Entrance - Large Identification / Directional

P-2A One Way - Small Directional (R6-2 L)

P-2B One Way - Small Directional (R6-2 R)

P-2C One Way - Medium Directional (R6-2 L)

P-2D No Parking - Small Identification (R7-1)

P-2E Keep Left - Medium Directional (R4-8)

P-2F Keep Right - Medium Directional (R4-7)

P-2G Stop - Large Directional (R1-1)

P-2H Do Not Enter - Large Directional (R5-1)

P-3A Parking Space Number - Small Identification

P-4A Permit Parking - Small Directional

P-4B Permit Only - Small Identification

P-4C Permit Only - Medium Identification

P-4D Permit Only - Large Identification

P-5A Daily Fee Parking - Small Directional

P-5B All Day Parking - Medium Identification

P-5C All Day Parking - Medium Identification

P-5D All Day Parking - Medium Identification

P-5E Coin Box - Medium Identification

P-5F Daily Commuter Parking - Medium Identification

P-5G Coin Box - Medium Identification

P-5H Coin Box - Medium Identification

P-5J Commuter Parking - Large Identification

Sign Types:

P-5K Coin Box - Medium Identification

P-6A Kiss & Ride - Small Identification / Directional

P-6B Compact Care Only - Small Identification / Directional

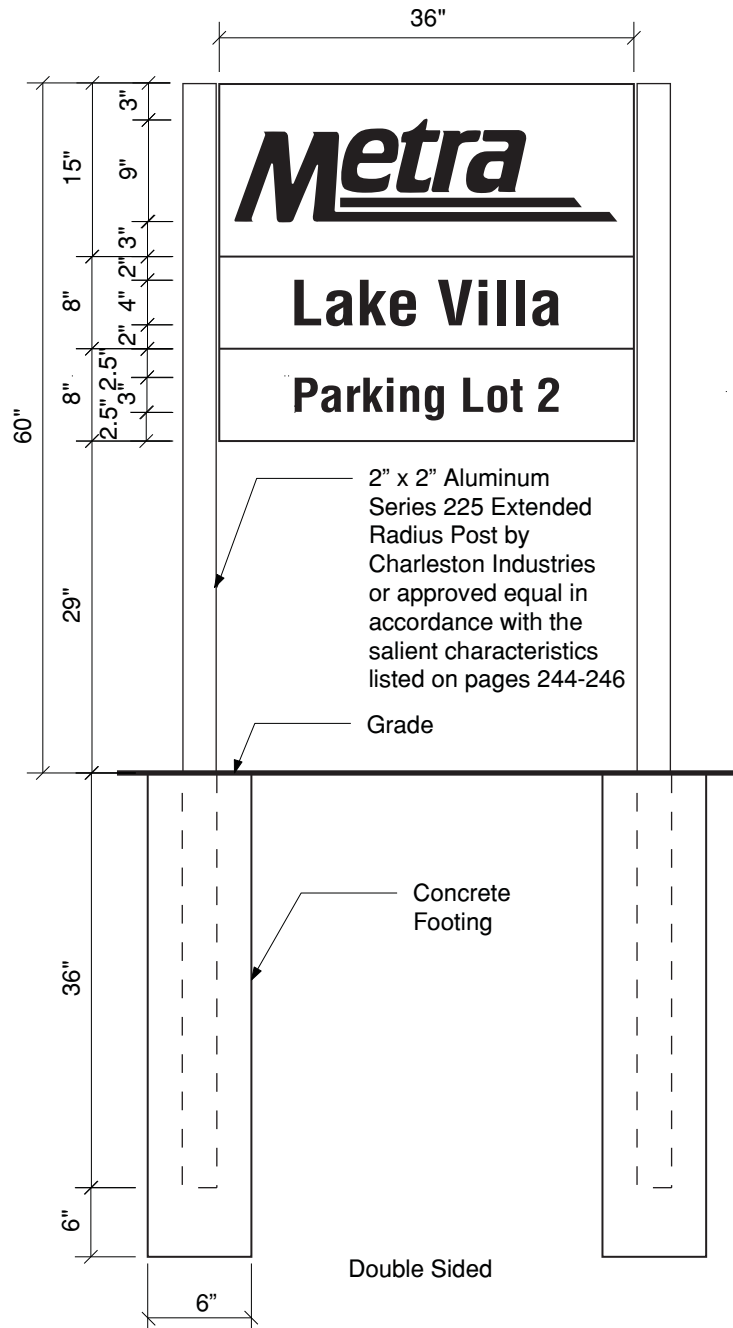
P-7A Reserved Parking - Small Identification (R7-8 & R7-1101)

P-8A Patrons Only - Small Identification

P-8B Parking - Small Directional

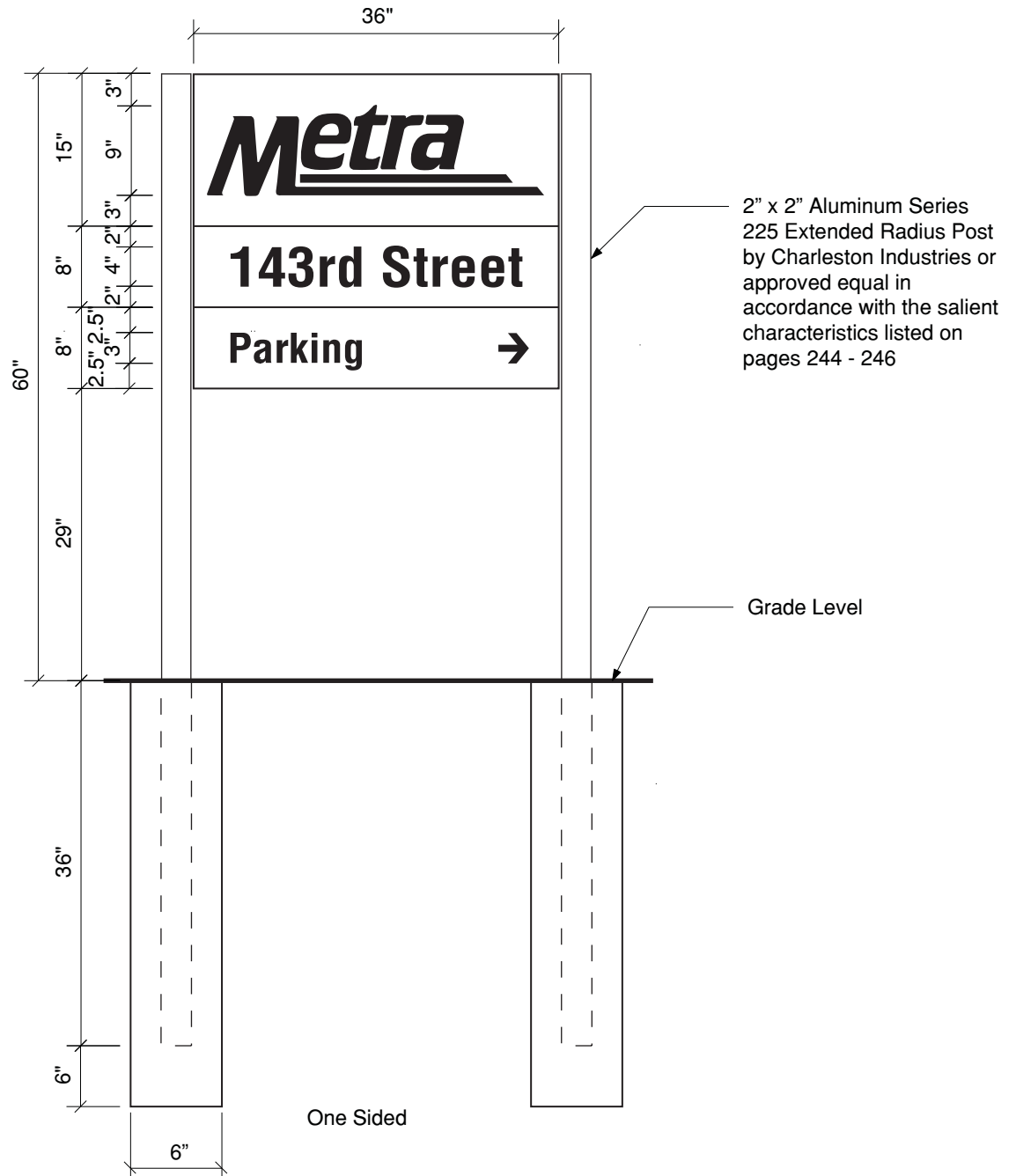
PARKING SIGNAGES**Sign Type P-1A Entrance - Large Identificational Specifications**

<i>Post Height:</i>	60" from grade to top of sign
<i>Post Material:</i>	2" x 2" Aluminum Series 225 Extended Radius Post by Charleston Industries or approved equal in accordance with the salient characteristics listed on pages 244 - 246.
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Size:</i>	31" H X 36" W
<i>Material:</i>	Sign panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather-resistant (see page on 61).
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed Upper Lower Case
<i>Copy Size:</i>	4" and 3" Cap height
<i>Copy Color:</i>	White
<i>Mounting:</i>	All sign panels slide and lock into posts. Panels must be capable of being removed and replaced on site to keep maintenance and replacement costs to a minimum. (See page 244 - 246 for details)



PARKING SIGNAGES**Sign Type P-1B Entrance - Large Identificational / Directional Specifications**

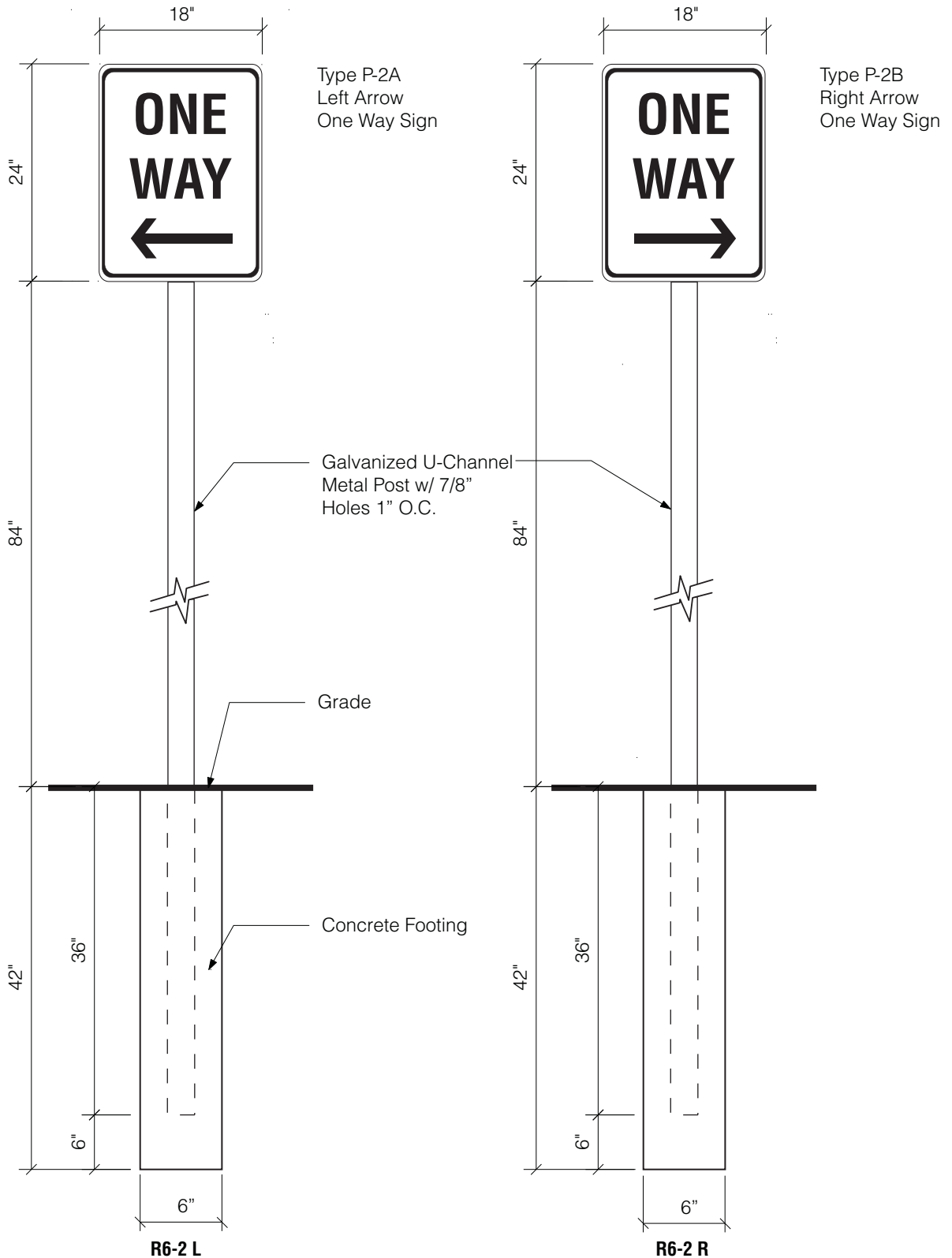
<i>Post Height:</i>	60" from grade to top of sign
<i>Post Material:</i>	2" x 2" Aluminum Series 225 Extended Radius Post by Charleston Industries or approved equal in accordance with the salient characteristics listed on pages 244 - 246.
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Size:</i>	31" H X 36" W
<i>Material:</i>	Sign panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather-resistant (see page on 61).
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy and Arrow:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed Upper Lower Case
<i>Copy Size:</i>	4" and 3" Cap height
<i>Copy and Arrow Color:</i>	White
<i>Arrow Size:</i>	3"
<i>Mounting:</i>	All sign panels slide and lock into posts. Panels must be capable of being removed and replaced on site to keep maintenance and replacement costs to a minimum. (See page 244 - 246 for details)



PARKING SIGNAGES**Sign Type P-2A & B One Way - Small Directional (R6-2 L & R)
Specifications**

<i>Mounting Height:</i>	84" from grade to bottom of sign
<i>Size:</i>	24" H X 18" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy and Arrow:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy and Arrow Color:</i>	Black
<i>Mounting:</i>	Post mounted (See page 253 for detail) (Fabricator to submit proposed specifications for hardware to Metra for approval.)

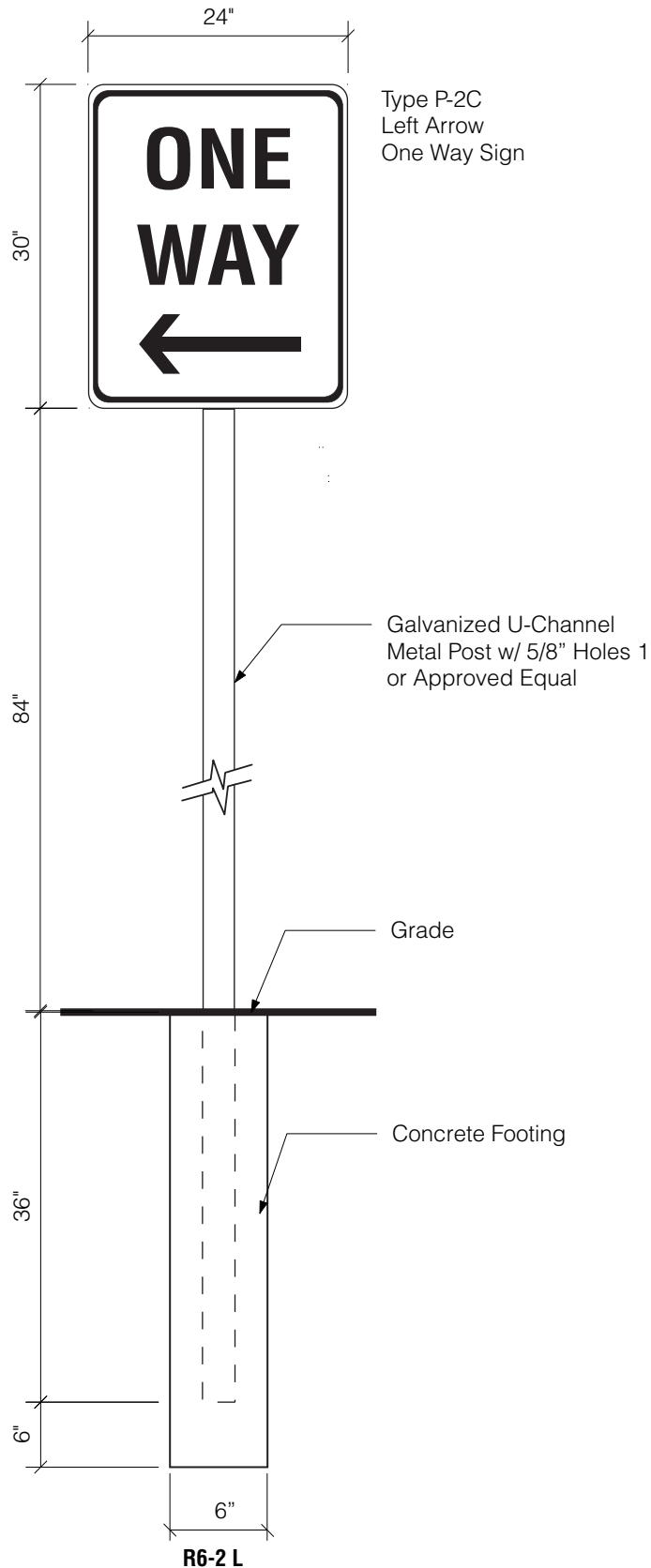
These sign types are base on Manual on Uniform Traffic Control Device manual By US Department of Transportation. The graphics are representational. Dimensions for copy, arrows, symbols, and spacing shall be based on latest version of MUTCD manual.



PARKING SIGNAGES**Sign Type P-2C One Way - Medium Directional (R6-2 L)
Specifications**

<i>Mounting Height:</i>	84" from grade to bottom of sign
<i>Size:</i>	30" H X 24" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy and Arrow:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy and Arrow Color:</i>	Black
<i>Mounting:</i>	Post mounted (See page 253 for detail) (Fabricator to submit proposed specifications for hardware to Metra for approval.)

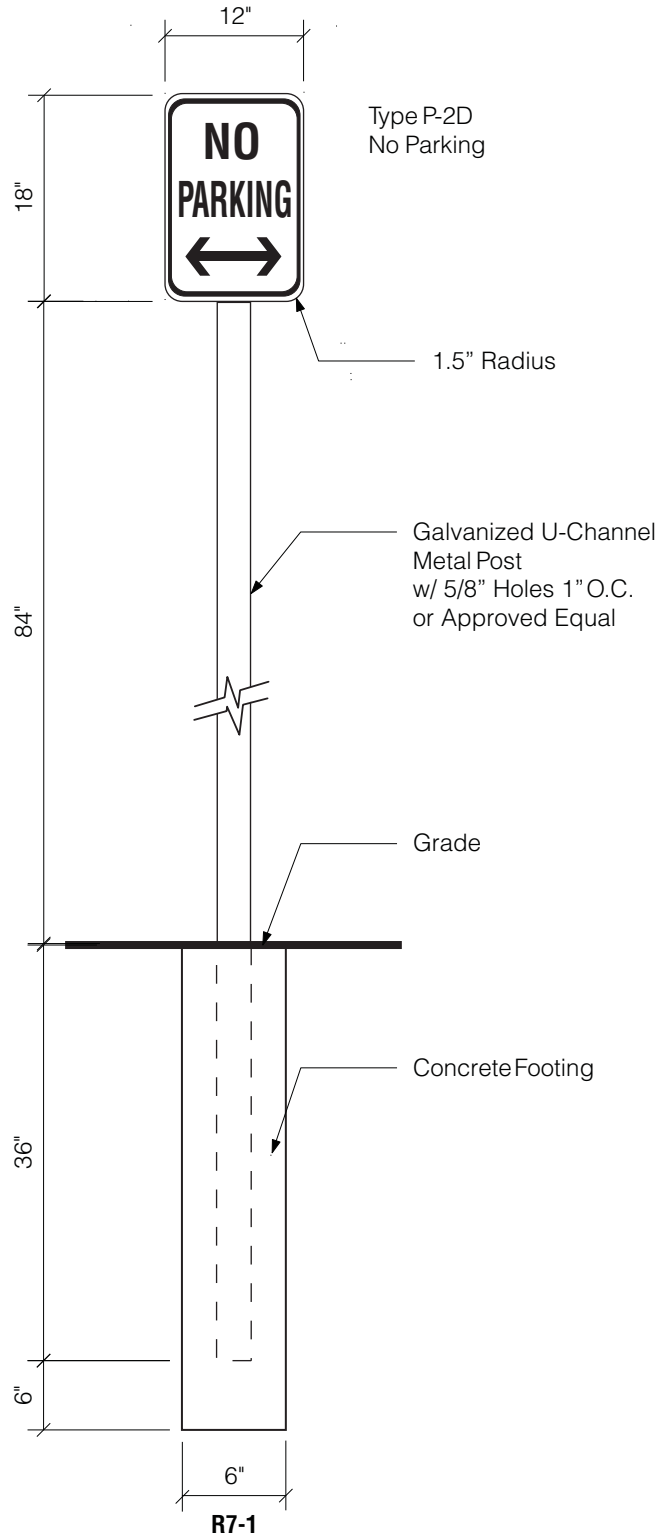
This sign type is base on Manual on Uniform Traffic Control Device manual By US Department of Transportation. The graphic is representational. Dimensions for copy, arrows, symbols, and spacing shall be based on latest version of MUTCD manual.



PARKING SIGNAGES**Sign Type P-2D No Parking - Small Identification (R7-1)
Specifications**

<i>Mounting Height:</i>	84" from grade to bottom of sign
<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy and Arrow:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Color:</i>	Red reflective
<i>Arrow Color:</i>	Black
<i>Mounting:</i>	Post mounted (See page 253 for detail) (Fabricator to submit proposed specifications for hardware to Metra for approval.)

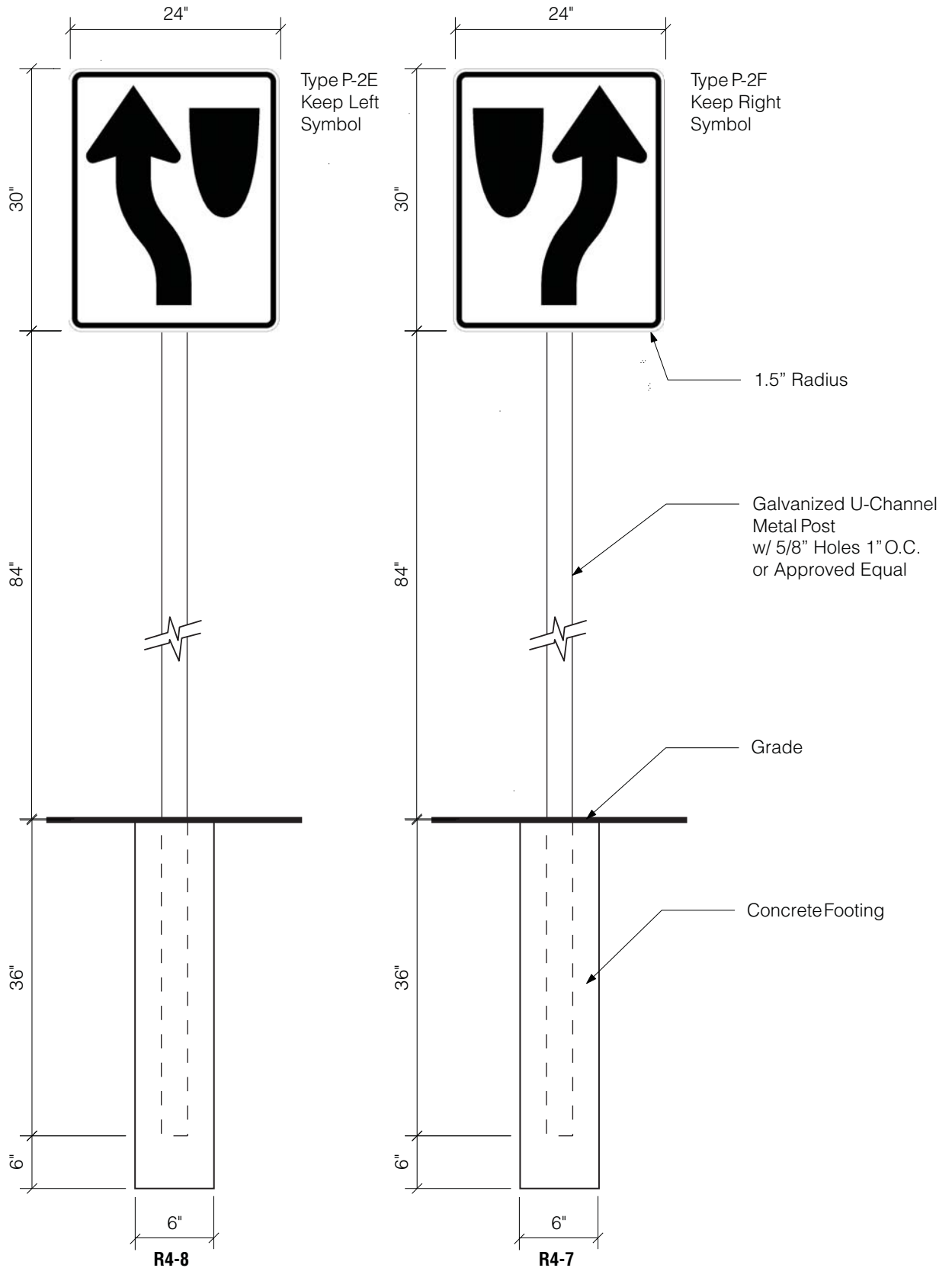
This sign type is base on Manual on Uniform Traffic Control Device manual By US Department of Transportation. The graphic is representational. Dimensions for copy, arrows, symbols, and spacing shall be based on latest version of MUTCD manual.



PARKING SIGNAGES**Sign Type P-2E & P-2F Keep Left & Right - Medium Directional (R4-8 & R4-7)
Specifications**

<i>Mounting Height:</i>	84" from grade to bottom of sign
<i>Size:</i>	30" H X 24" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	High Intensity Prismatic Reflective White
<i>Symbol and Arrow:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Symbol and Arrow Color:</i>	Black
<i>Mounting:</i>	Post mounted (See page 253 for detail) (Fabricator to submit proposed specifications for hardware to Metra for approval.)

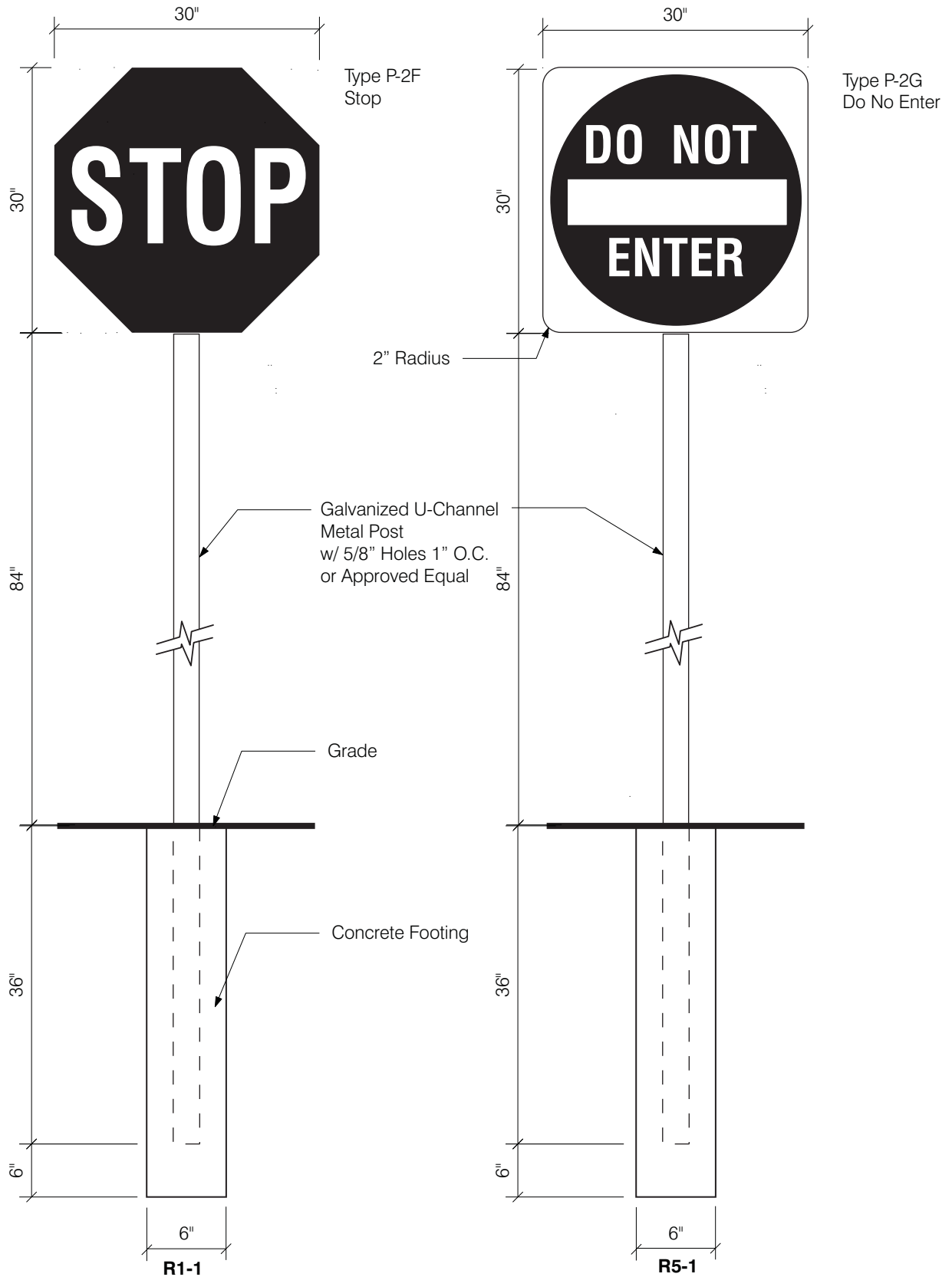
This sign type is based on Manual on Uniform Traffic Control Devices manual By US Department of Transportation. The graphic is representational. Dimensions for copy, arrows, symbols, and spacing shall be based on latest version of MUTCD manual.



PARKING SIGNAGES**Sign Type P-2G & H - Large Directional (R1-1 & R5-1)
Specifications**

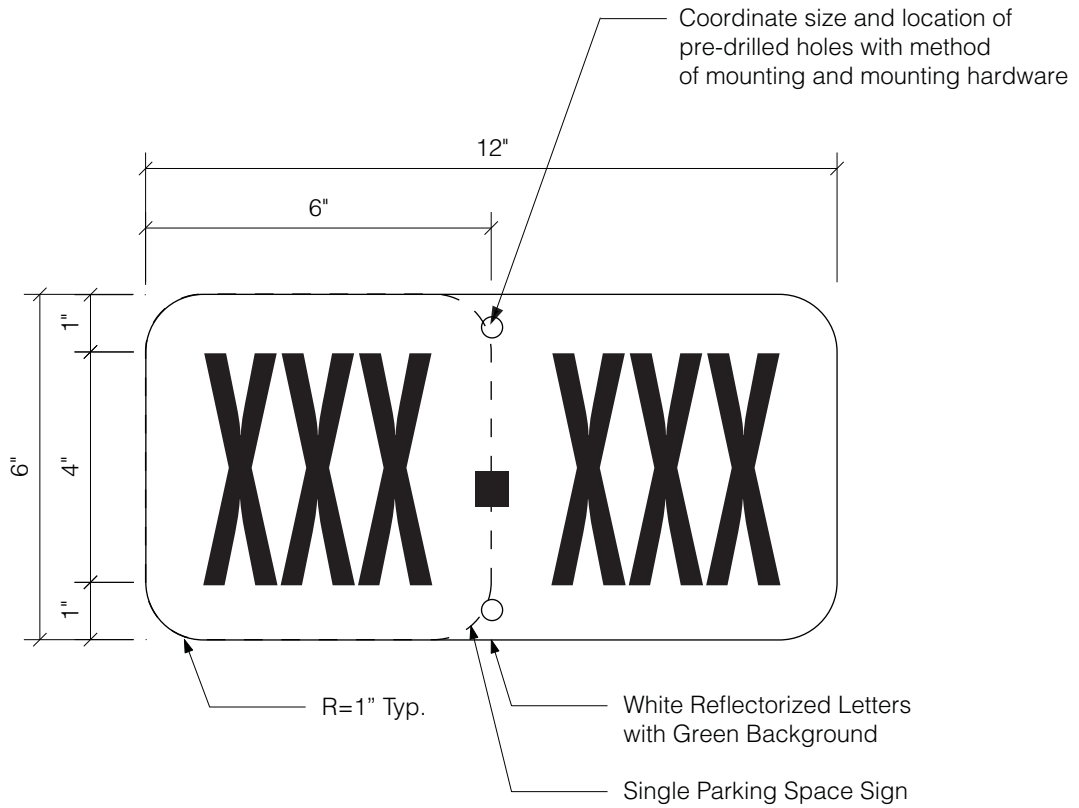
<i>Mounting Height:</i>	84" from grade to bottom of sign
<i>Size:</i>	30" H X 30" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Red Reflective
<i>Copy:</i>	Exterior grade vinyl die-cut letters or silk-screened, with silk-screen protected by a clear topcoat containing UV inhibitors. Top coat must be 11 - 19 degree gloss on 60 degree glossimeter.
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Color:</i>	White Reflective
<i>Mounting:</i>	Post mounted (See page 253 for detail) (Fabricator to submit proposed specifications for hardware to Metra for approval.)

These sign types are base on Manual on Uniform Traffic Control Device manual By US Department of Transportation. The graphics are representational. Dimensions for copy, arrows, symbols, and spacing shall be based on latest version of MUTCD manual.

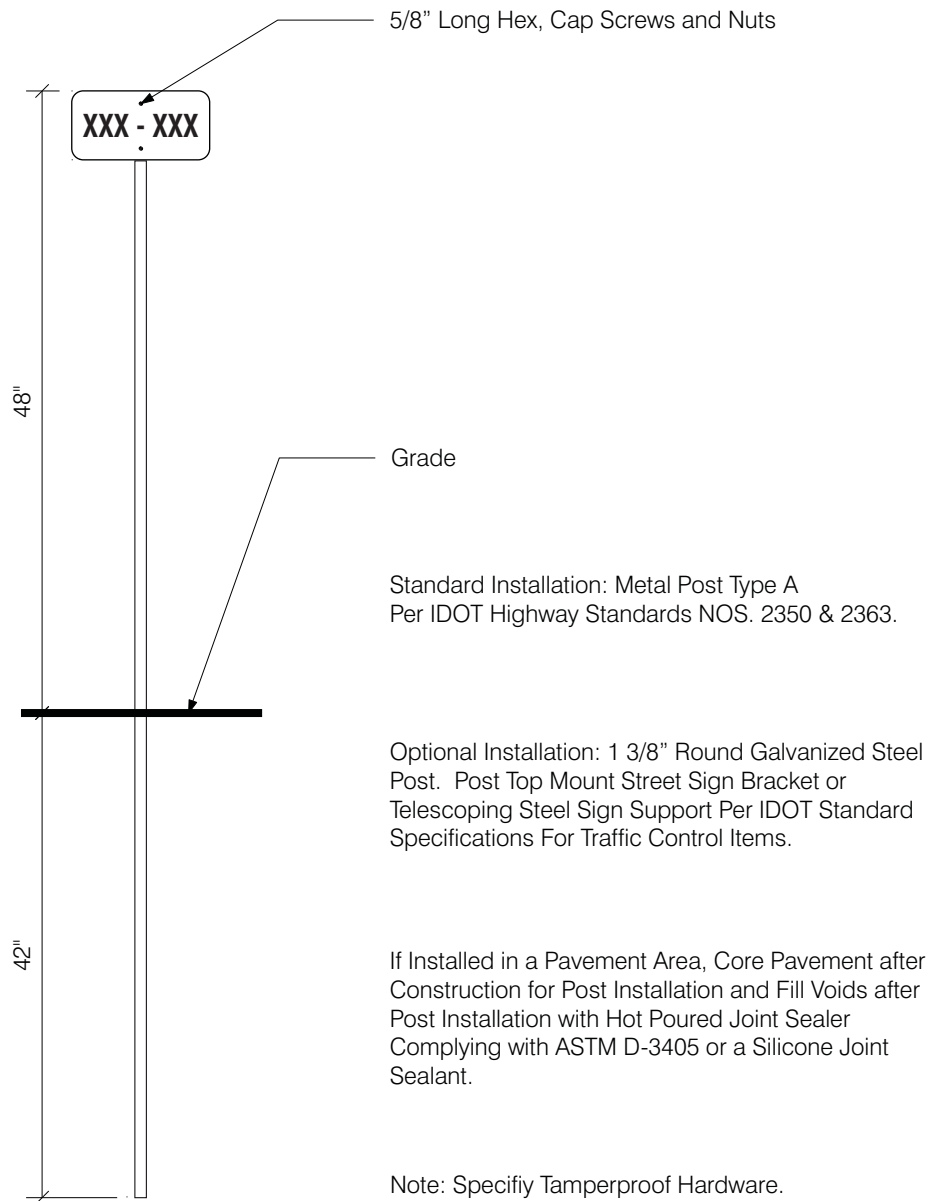


PARKING SIGNAGES**Sign Type P-3A Parking Space Number - Small Identificational Specifications**

<i>Size:</i>	6" H X 12" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Green reflective (or other)
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Color:</i>	White reflective
<i>Mounting:</i>	Post mounted and Aerial Mounted (Specifications for supports and hardware will vary based on sign location. Fabricator to submit proposed specifications for supports and hardware to Metra for approval.)

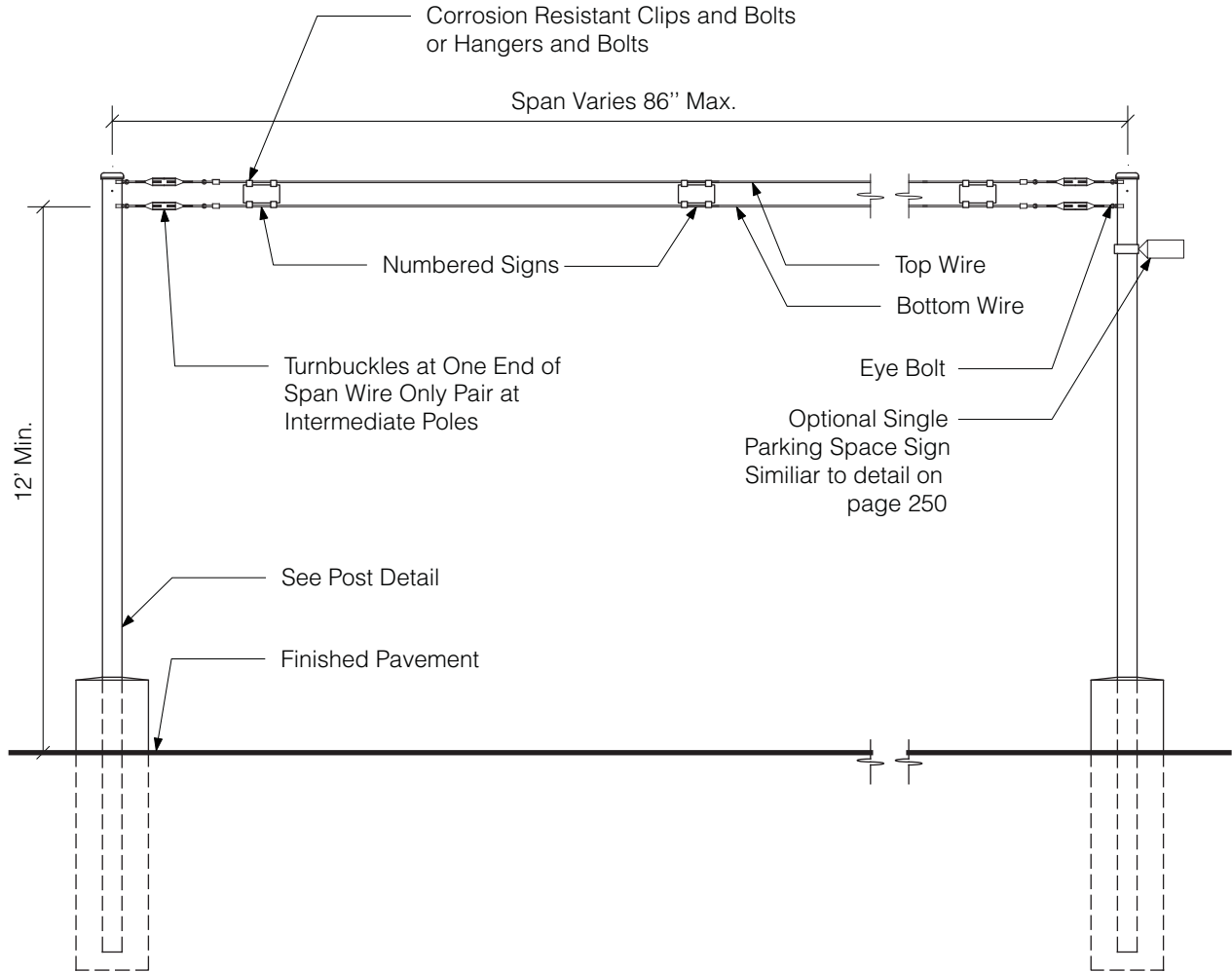


Note: On large sectionalized lots color coding of signs may be considered other background color could be: brown, blue, or (check for availability) purple, strong yellow-green, light blue and coral. For the lighter colors reflectorized the background and use black letters and borders.



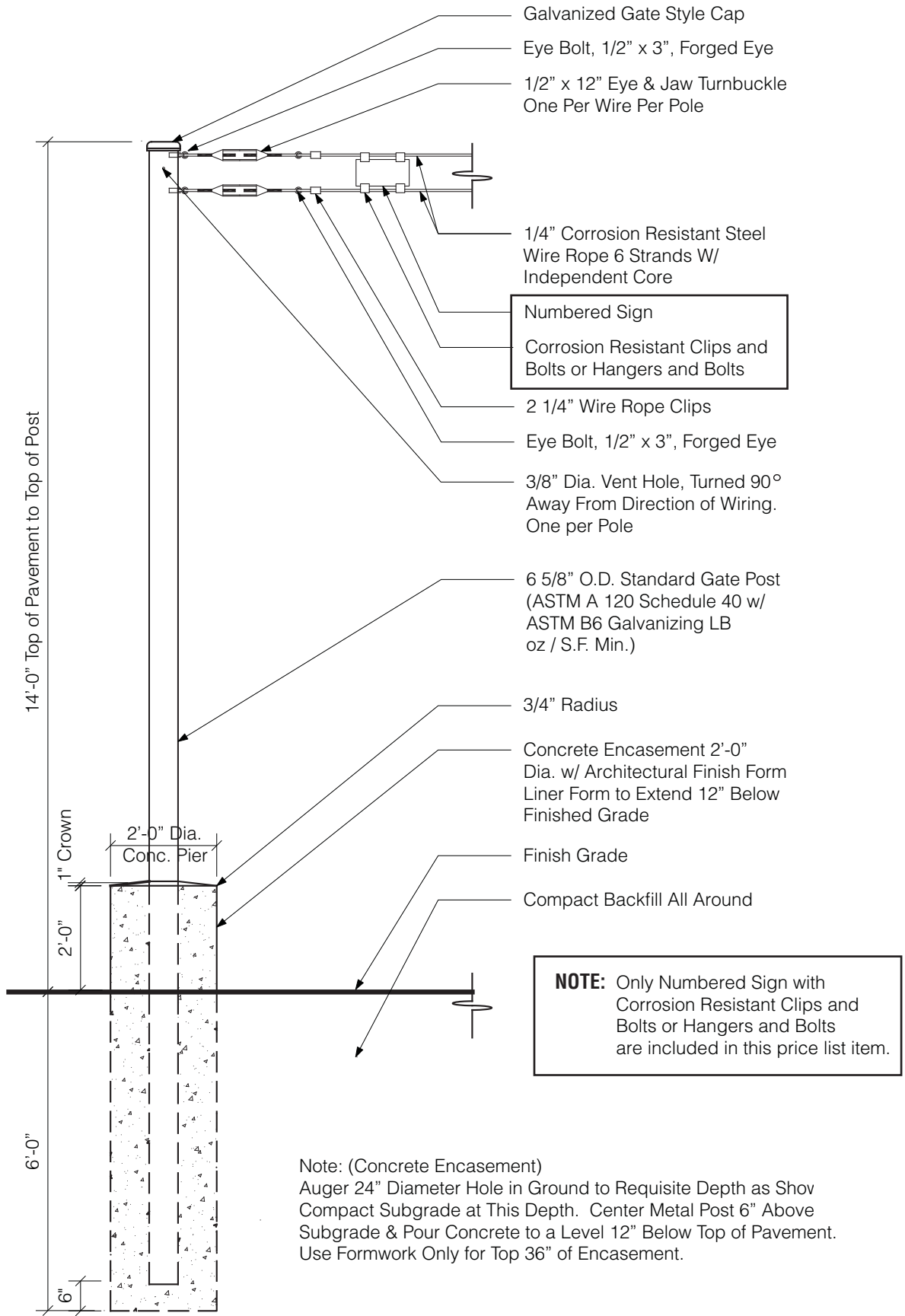
PARKING SPACE NUMBER SIGNS INSTALLATION DETAIL
(POST MOUNTING - FOR PERIMETER SPACES)

NOTE: Only Numbered Signs with Corrosion Resistant Clips and Bolts or Hangers and Bolts are included in this price list item.



PARKING SPACE NUMBER SIGNS AERIAL MOUNT

Sign Type P-3A Parking Space Number - Small Directional
Schematic - Aerial Mounted Detail



PARKING SPACE NUMBER SIGNS AERIAL MOUNT POST DETAIL

PARKING SIGNAGES**Sign Type P-4A Permit Parking - Small Identificational / Directional Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2"
<i>Copy and Border Color:</i>	Green
<i>Arrow Size:</i>	2"
<i>Arrow Color:</i>	Green
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



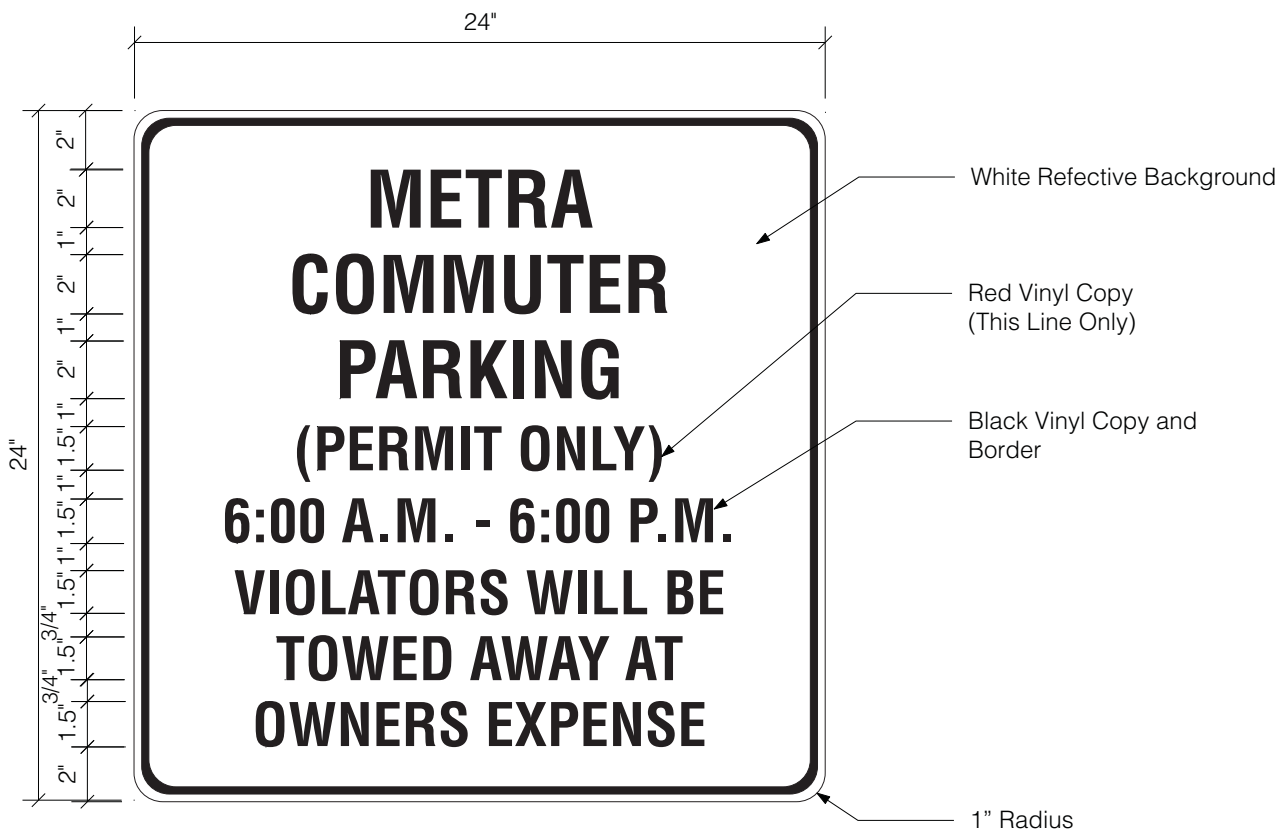
PARKING SIGNAGES**Sign Type P-4B Permit Only - Small Identificational Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	1.5" and 1"
<i>Copy and Border Color:</i>	Green
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-4C Permit Only - Medium Identificational Specifications**

<i>Size:</i>	24" H X 24" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2" and 1.5"
<i>Copy and Border Color:</i>	Black and Red Vinyl
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-4D Permit Only - Large Identificational Specifications**

<i>Size:</i>	36" H X 36" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	4"
<i>Copy and Border Color:</i>	Black
<i>Mounting:</i>	Post or wall mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-5A Daily Fee Parking - Small Identificational / Directional Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2"
<i>Copy and Border Color:</i>	Green
<i>Mounting:</i>	Post or wall mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-5B All Day Parking - Medium Identificational Specifications**

<i>Post Material:</i>	2" x 2" Extruded aluminum
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Size:</i>	24" H X 18" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" and 1.5"
<i>Copy and Border Color:</i>	Green reflective
<i>Mounting:</i>	Post or wall mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer to verify with station location for parking cost.



PARKING SIGNAGES**Sign Type P-5C All Day Parking - Medium Identificational Specifications**

<i>Post Material:</i>	2" x 2" Extruded Aluminum
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Size:</i>	24" H X 18" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" and 1.5"
<i>Copy and Border Color:</i>	Green reflective
<i>Mounting:</i>	Post or wall mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer to verify with station location for parking cost.



PARKING SIGNAGES**Sign Type P-5D All Day Parking - Medium Identificational Specifications**

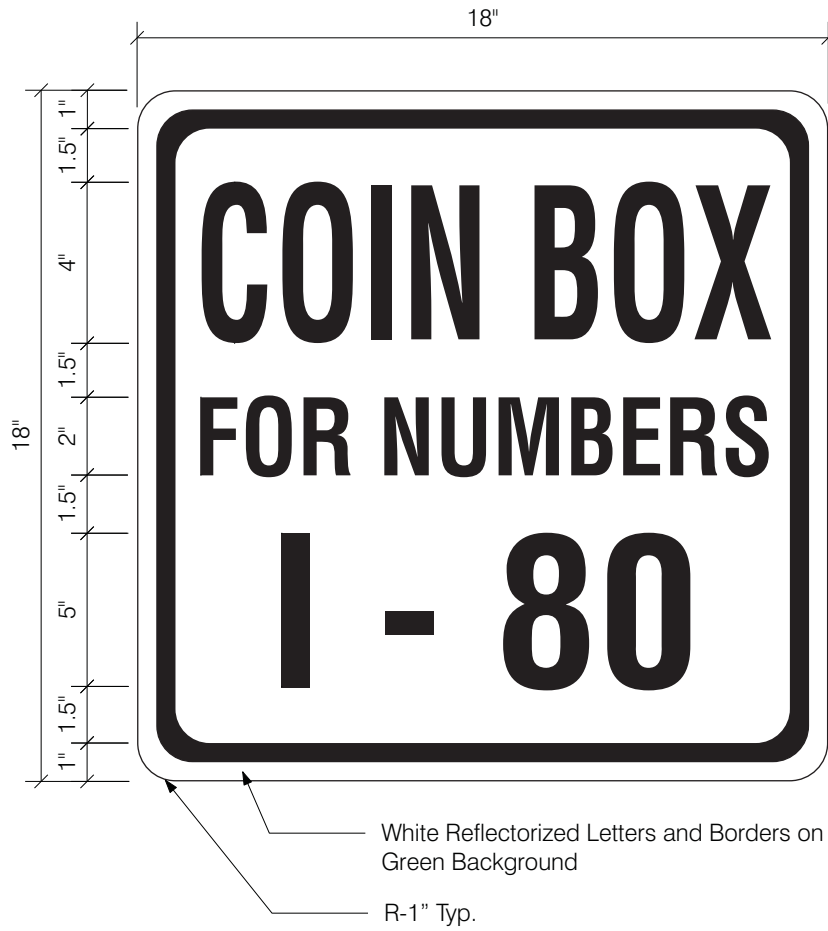
<i>Post Material:</i>	2" x 2" Extruded aluminum
<i>Post & Reveal Color:</i>	Black anodized finish
<i>Size:</i>	24" H X 18" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" and 1.5"
<i>Copy and Border Color:</i>	Green reflective
<i>Mounting:</i>	Post or wall mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer to verify with station location for parking cost.



PARKING SIGNAGES**Sign Type P-5E Coin Box - Medium Identificational Specifications**

<i>Size:</i>	18" H X 18" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	4" and 2"
<i>Copy and Border Color:</i>	Green
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-5F Daily Commuter Parking- Medium Identificational Specifications**

<i>Size:</i>	18" H X 24" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White Reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3"
<i>Copy Color:</i>	Green
<i>Mounting:</i>	Wall mounted (Concrete or Masonry) (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.

Note: Designer to verify with station location for parking cost.



PARKING SIGNAGES**Sign Type P-5G Coin Box - Medium Identificational Specifications**

<i>Size:</i>	18" H X 24" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2" and 3"
<i>Copy Color:</i>	Green
<i>Mounting:</i>	Wall mounted (Concrete or Masonry) (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer is to verify with station location for parking cost.



PARKING SIGNAGES**Sign Type P-5H Coin Box - Medium Identificational Specifications**

<i>Size:</i>	18" H X 24" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2" and 3"
<i>Copy Color:</i>	Green
<i>Arrow Size:</i>	3"
<i>Arrow Color:</i>	Green
<i>Mounting:</i>	Wall Mounted (Concrete or Masonry) (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-5J Commuter Parking - Large Identificational Specifications**

<i>Size:</i>	36" H X 36" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	4"
<i>Copy and Border Color:</i>	Black
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 245 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



Black Letters and Borders on White
Reflective Background

PARKING SIGNAGES**Sign Type P-5K Coin Box - Medium Identificational Specifications**

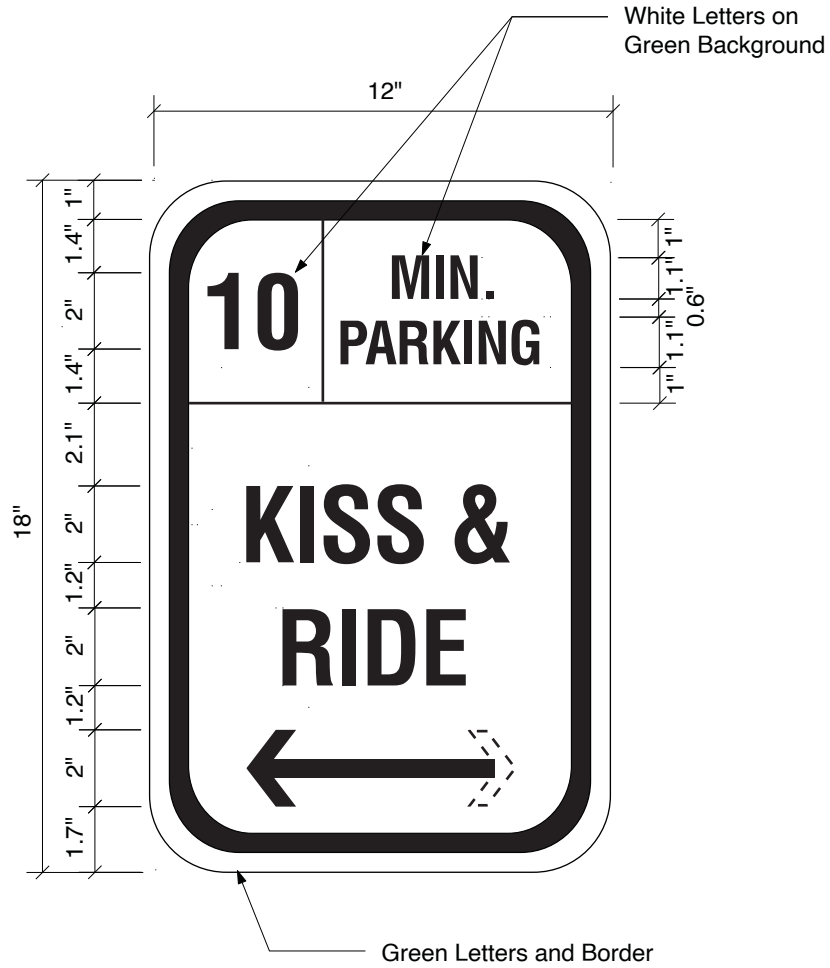
<i>Size:</i>	18" H X 24" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	1.75", 1.5", and 1"
<i>Copy Color:</i>	Green
<i>Mounting:</i>	Wall Mounted (Concrete or Masonry) (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer to verify with station location for parking cost.



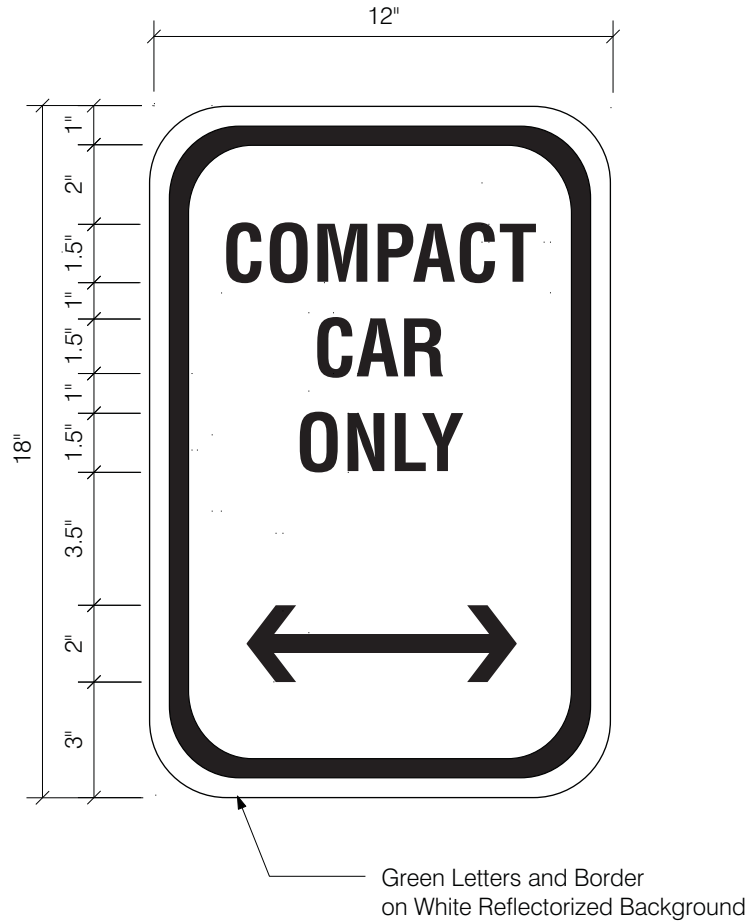
PARKING SIGNAGES**Sign Type P-6A Kiss & Ride - Small Identificational / Directional Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	1.1" and 2"
<i>Copy and Border Color:</i>	Green
<i>Arrow Size:</i>	2"
<i>Arrow Color:</i>	Green
<i>Mounting:</i>	Post or project mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-6B Compact Car Only - Small Identificational / Directional Specifications**

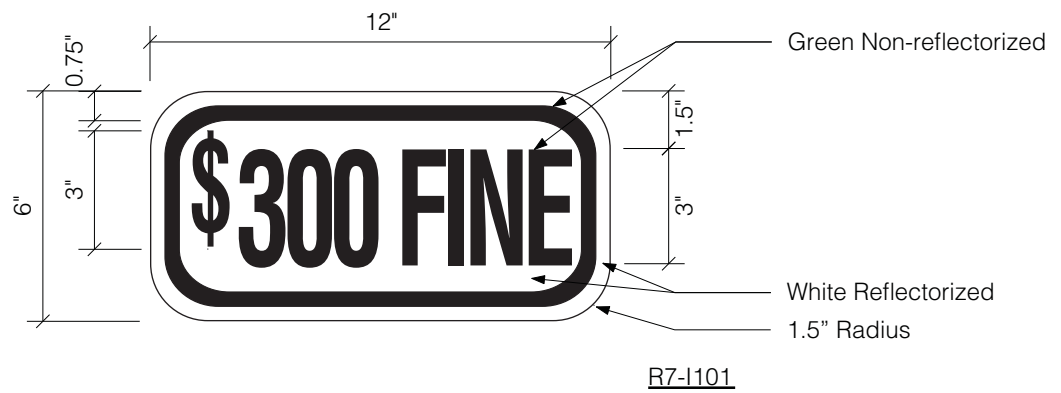
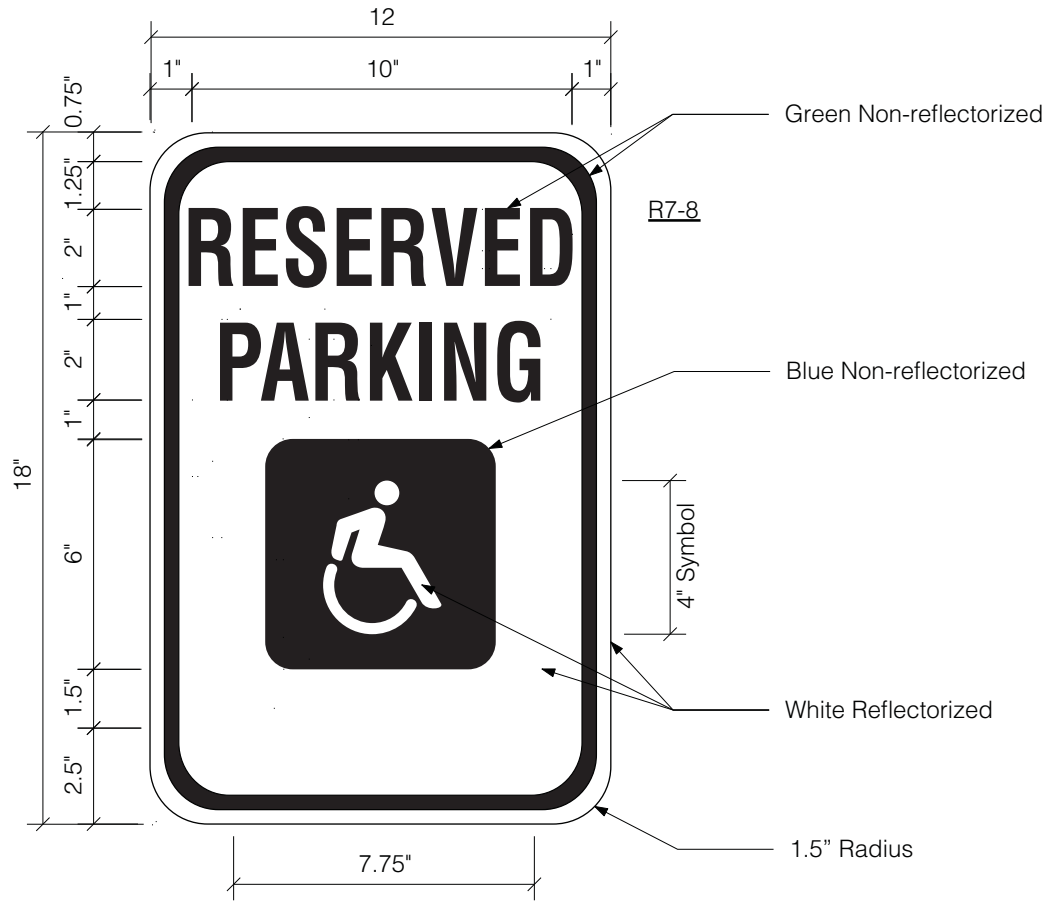
<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	1.5"
<i>Copy and Border Color:</i>	Green
<i>Arrow Size:</i>	2"
<i>Arrow Color</i>	Green
<i>Mounting:</i>	Post or project mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

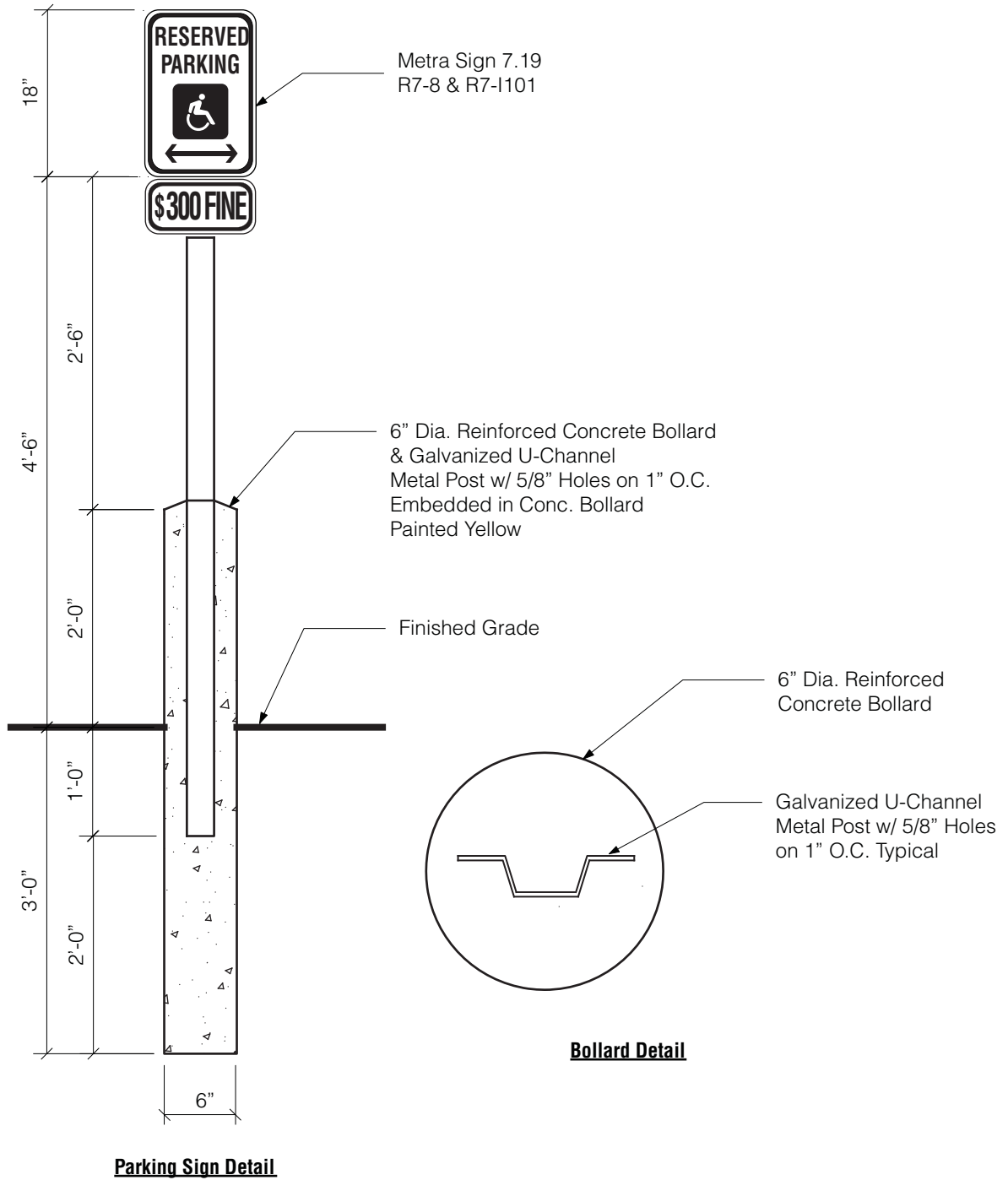


PARKING SIGNAGES**Sign Type P-7A Reserved Parking - Small Identificational (R7-8 & R7-1101)
Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White Reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2"
<i>Copy and Border Color:</i>	Green
<i>Arrow Size:</i>	2" x 7.75"
<i>Arrow Color:</i>	Green
<i>Symbol Size:</i>	6" x 6"
<i>Symbol Color:</i>	White on Blue Background
<i>Mounting:</i>	Post mounted (Mounting height 54" from grade to bottom of sign R7-8) (Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer to verify with station location for reserved parking fines.





PARKING SIGNAGES**Sign Type P-8A Patrons Only - Small Identificational Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	1.5" and 1"
<i>Copy Color:</i>	Green
<i>Symbol Size:</i>	3.75" x 3.75"
<i>Symbol Color:</i>	White Reflective on Green Background
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



PARKING SIGNAGES**Sign Type P-8B Parking - Small Directional Specifications**

<i>Size:</i>	18" H X 12" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	2.5"
<i>Copy Color:</i>	Green
<i>Arrow Size:</i>	2"
<i>Arrow Color:</i>	Green
<i>Symbol Size:</i>	5"
<i>Symbol Color:</i>	Green
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



MISC. SIGNAGES

Description:

In addition to Sign Type 1 - 10, Downtown Terminal Signs, and Parking Signages, specification are provided for Miscellaneous signs that are needed irregularly throughout the system.

Following are general specifications for these sign types as well as schematics showing sign sizes, messages, and placement.

MISC. SIGNAGES

Sign Types:

M-1 Construction Announcement in English or Spanish

M-2 Track Changes

M-3 Metra Construction Sign

M-4 No Skateboarding Biking or Rollerblading

M-5 Station Hours

M-6 Waiting Room Hours

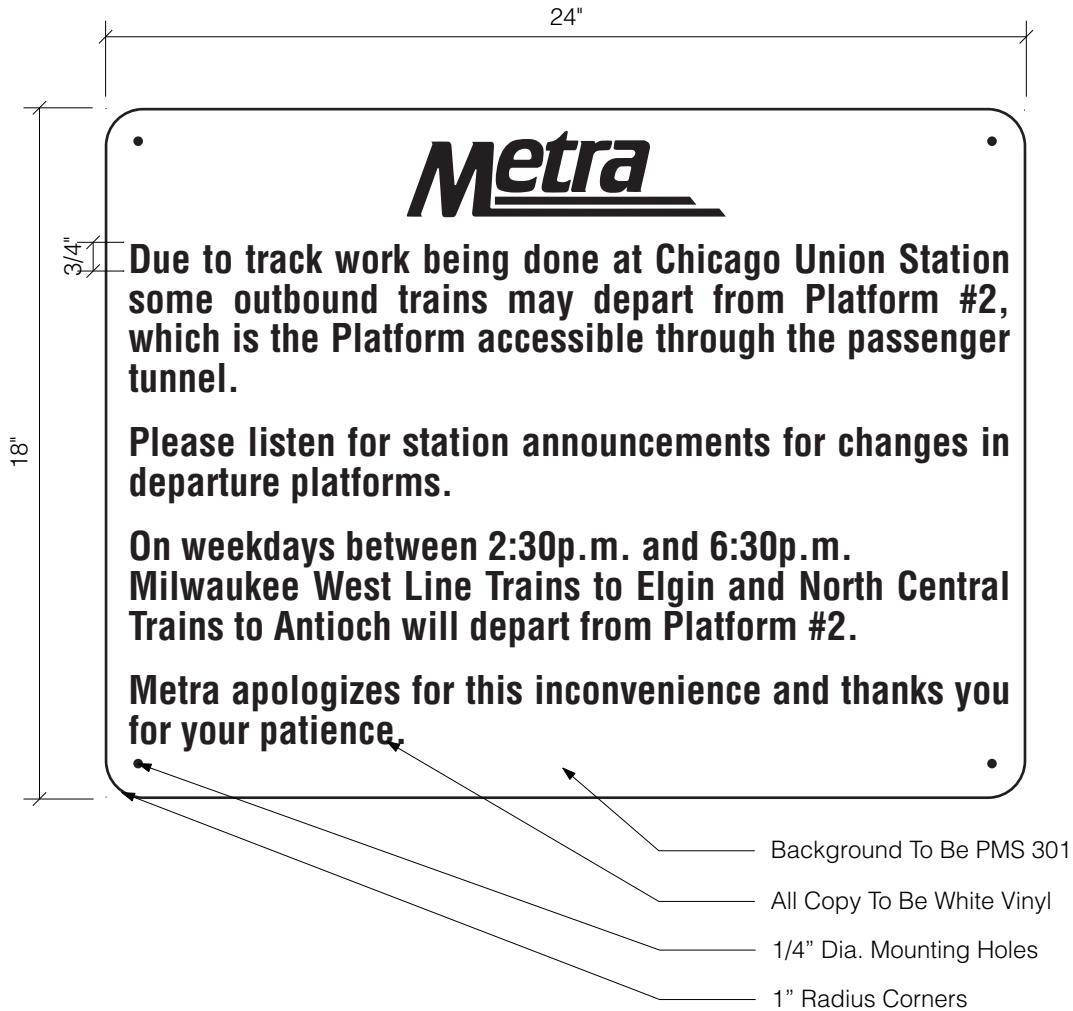
M-7 Ticket Agency Hours

M-8 Plaques

M-9 Plaques

MISC. SIGNAGES**Sign Type M-1 Construction Announcement in English or Spanish Specifications**

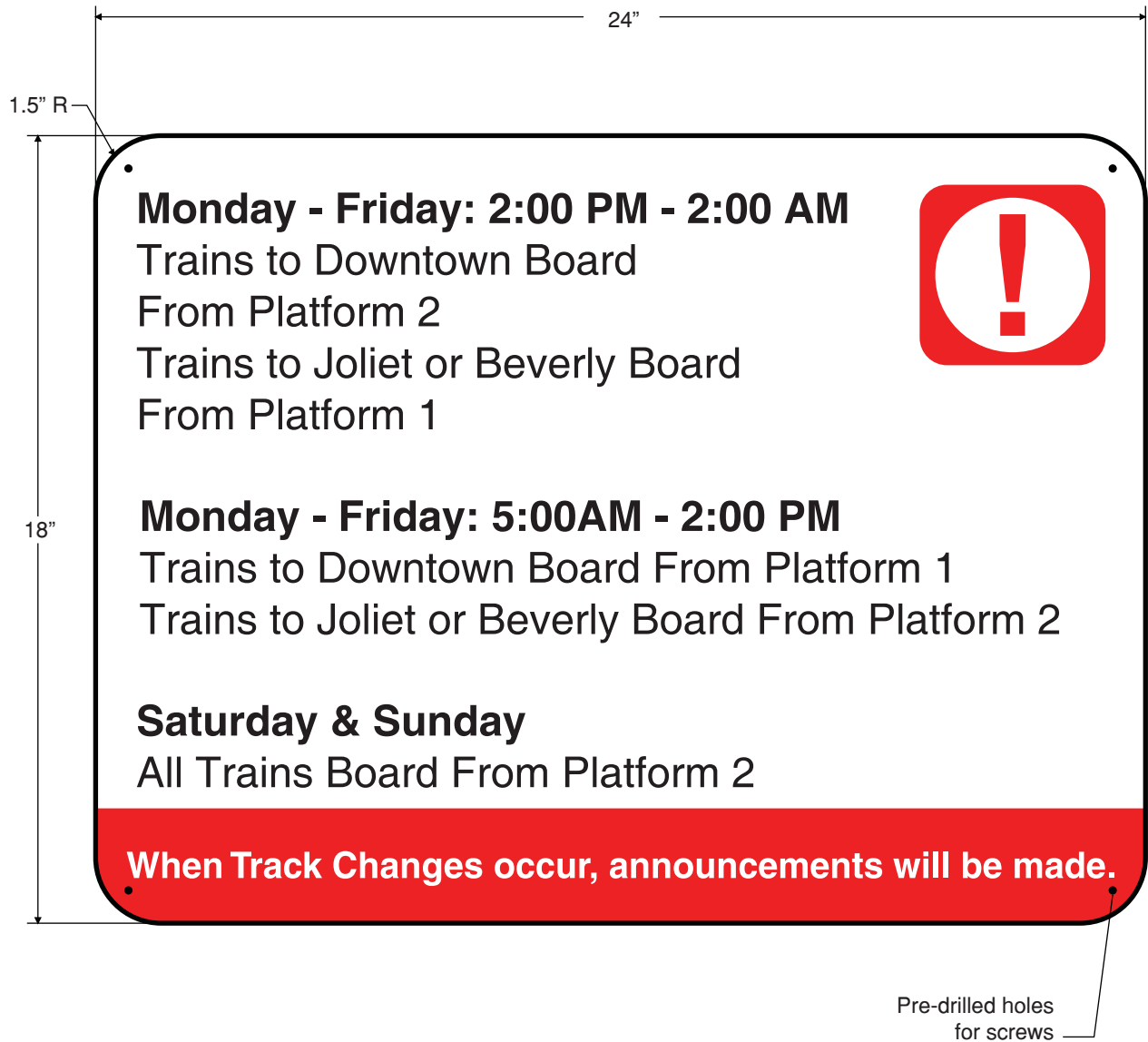
<i>Size:</i>	18" H X 24" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	0.75" Cap height
<i>Copy Color:</i>	White
<i>Mounting:</i>	Flush Mouted to brick w/ 1/4" dia. x 2" long S.S. tamperproof spanners. Sign to have (4) 1/4" diameter mounting holes.



MISC. SIGNAGES**Sign Type M-2 Track Changes Specifications**

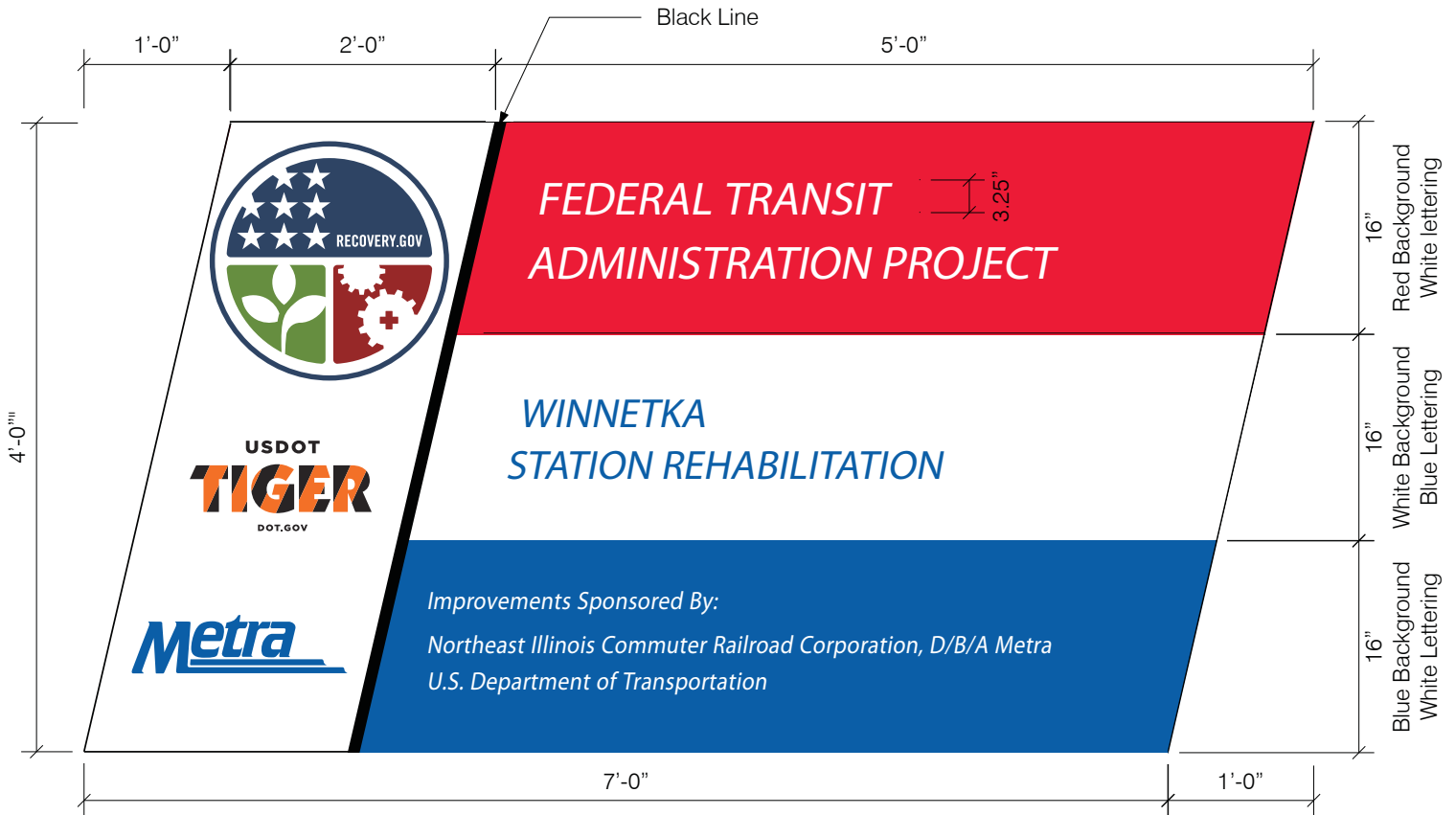
<i>Size:</i>	18" H X 24" W
<i>Material:</i>	.080 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors & graffiti guard Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White & Red
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors and graffiti guard over coating
<i>Letterform:</i>	Helvetica Bold Condensed and Helvetica Medium
<i>Copy Size:</i>	0.75" Cap height
<i>Copy Color:</i>	Black & White
<i>Symbol Color:</i>	Red & White
<i>Mounting:</i>	Flush Mouted to brick w/ 1/4" dia. x 2" long S.S. tamperproof spanners. Sign to have (4) 1/4" diameter mounting holes.

**Note: Artwork, copy, and colors may vary, based on station.
Artwork to be supplied by Metra.
Panel may be used in portrait or landscape format.**



MISC. SIGNAGES**Sign Type M-3 Metra Construction Sign Specifications**

<i>Size:</i>	48" H X 96" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	Red, Blue, and White
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Futura Bold Italic
<i>Copy Size:</i>	Varies
<i>Copy Color:</i>	White and Blue
<i>Mounting:</i>	Flush Mouted or Post Mounted



<p>Metra Construction Sign (Revised 04/09)</p> <p>Colors: Pantone 1935 Red, Pantone 300 Blue, Black</p> <p>Type: Futura Bold Italic</p> <p>ARRA and Tiger logos available at: www.fta.dot.gov/index_9440_9480.html</p>
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MISC. SIGNAGES**Sign Type M-4 No Skateboarding Biking or Roller Blading Specifications**

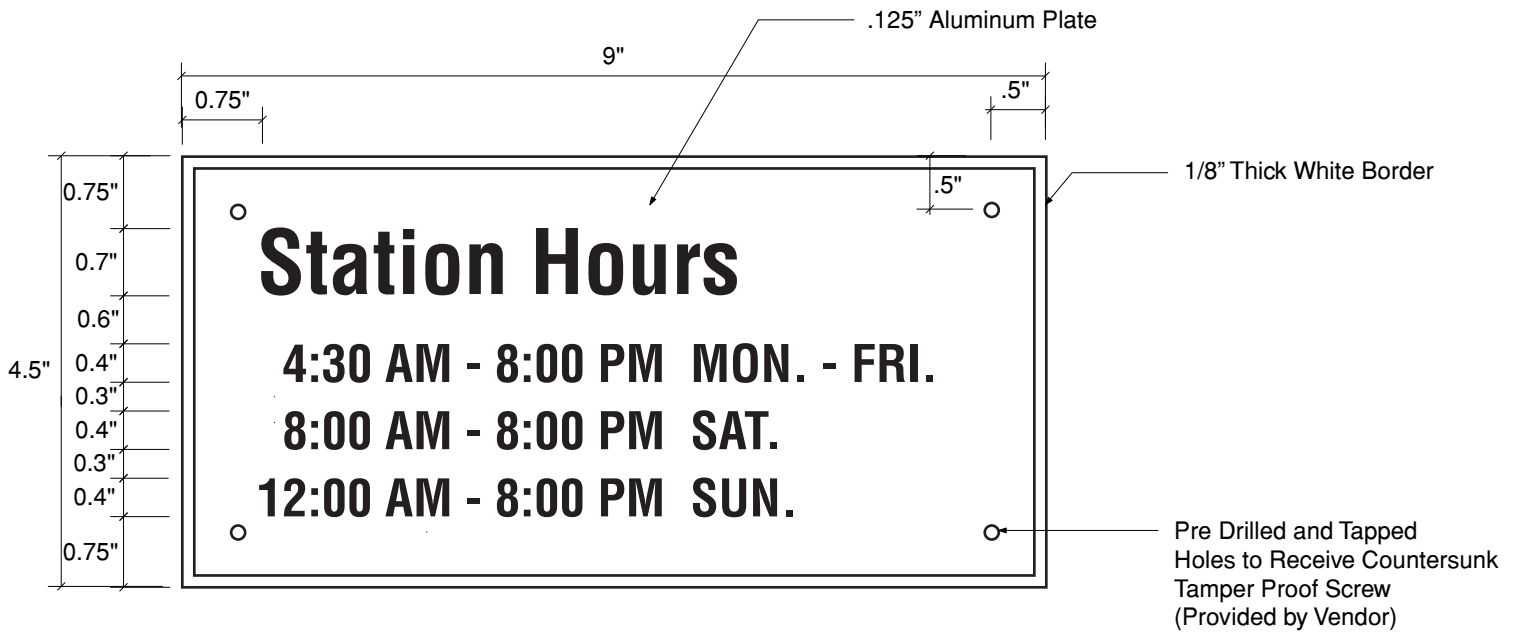
<i>Size:</i>	18" H X 18" W
<i>Material:</i>	.125 Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	White reflective
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	3" and 2"
<i>Copy and Border Color:</i>	Green
<i>Mounting:</i>	Post mounted (Mounting height 84" from grade to bottom of sign) See page 253 for detail. (Fabricator to submit proposed specifications for hardware to Metra for approval.)



MISC. SIGNAGES**Sign Type M-5 Station Hours (4 1/2" H x 9" W)
Specifications**

<i>Panel Size:</i>	4 1/2" H x 9" W
<i>Material:</i>	Sign panel to be .125" Aluminum plate.
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	0.7" and 0.4"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Border Color:</i>	White
<i>Mounting:</i>	Flush mounted on walls (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

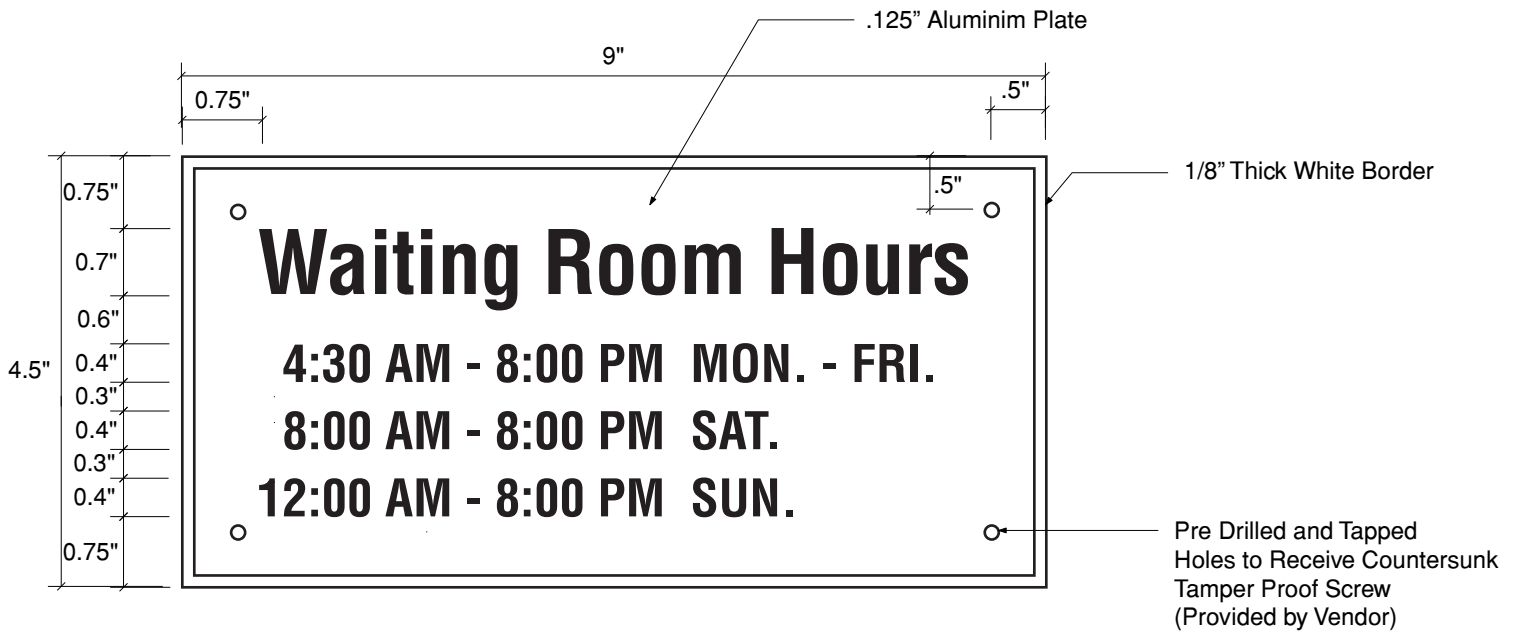
Note: Designer to verify station hours at each location.



MISC. SIGNAGES**Sign Type M-6 Waiting Room Hours (4 1/2”H x 9”W)
Specifications**

<i>Panel Size:</i>	4 1/2” H x 9” W
<i>Material:</i>	Sign panel to be .125” thick aluminum panel.
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	0.7” and 0.4”
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Border Color:</i>	White
<i>Mounting:</i>	Flush mounted on walls (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

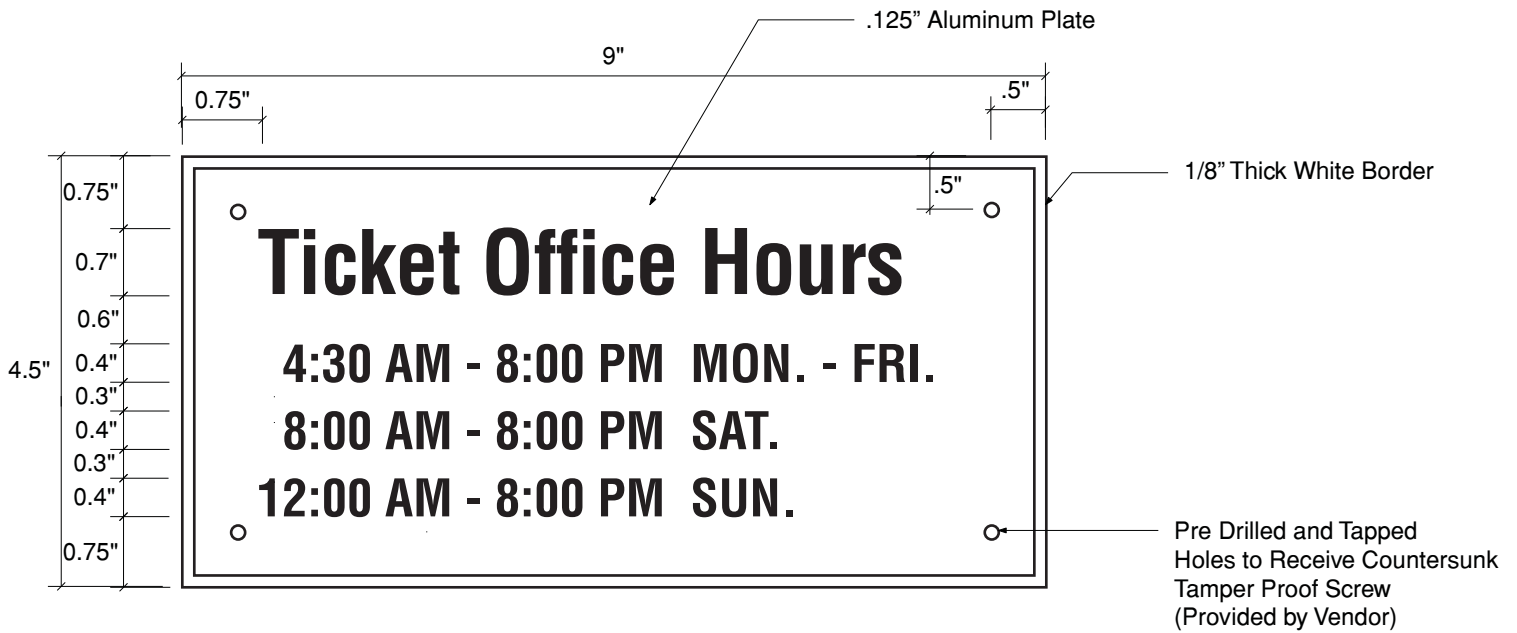
Note: Designer to verify station hours at each location.



MISC. SIGNAGES**Sign Type M-7 Ticket Office Hours (4 1/2" H x 9" W)
Specifications**

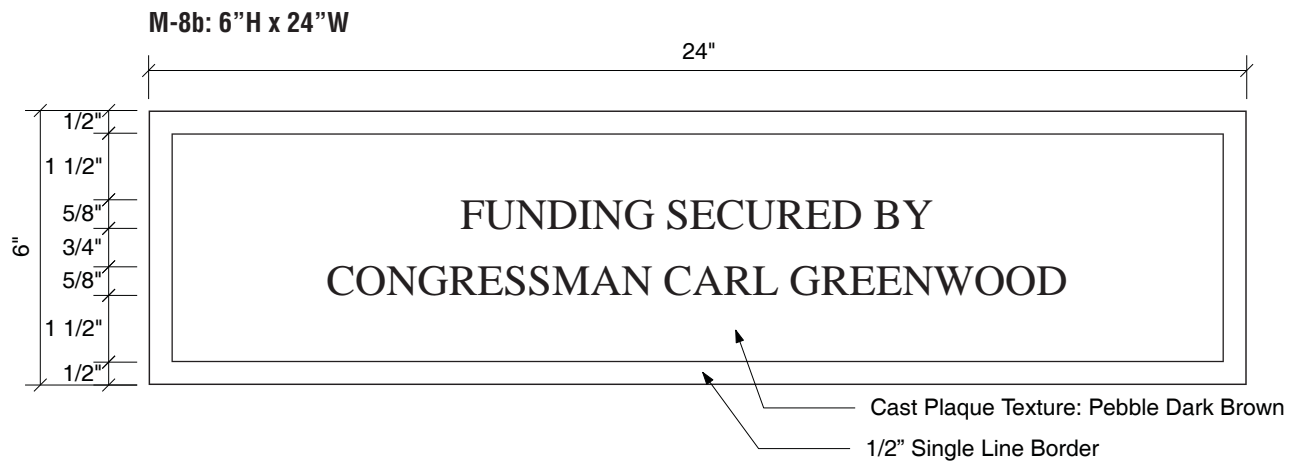
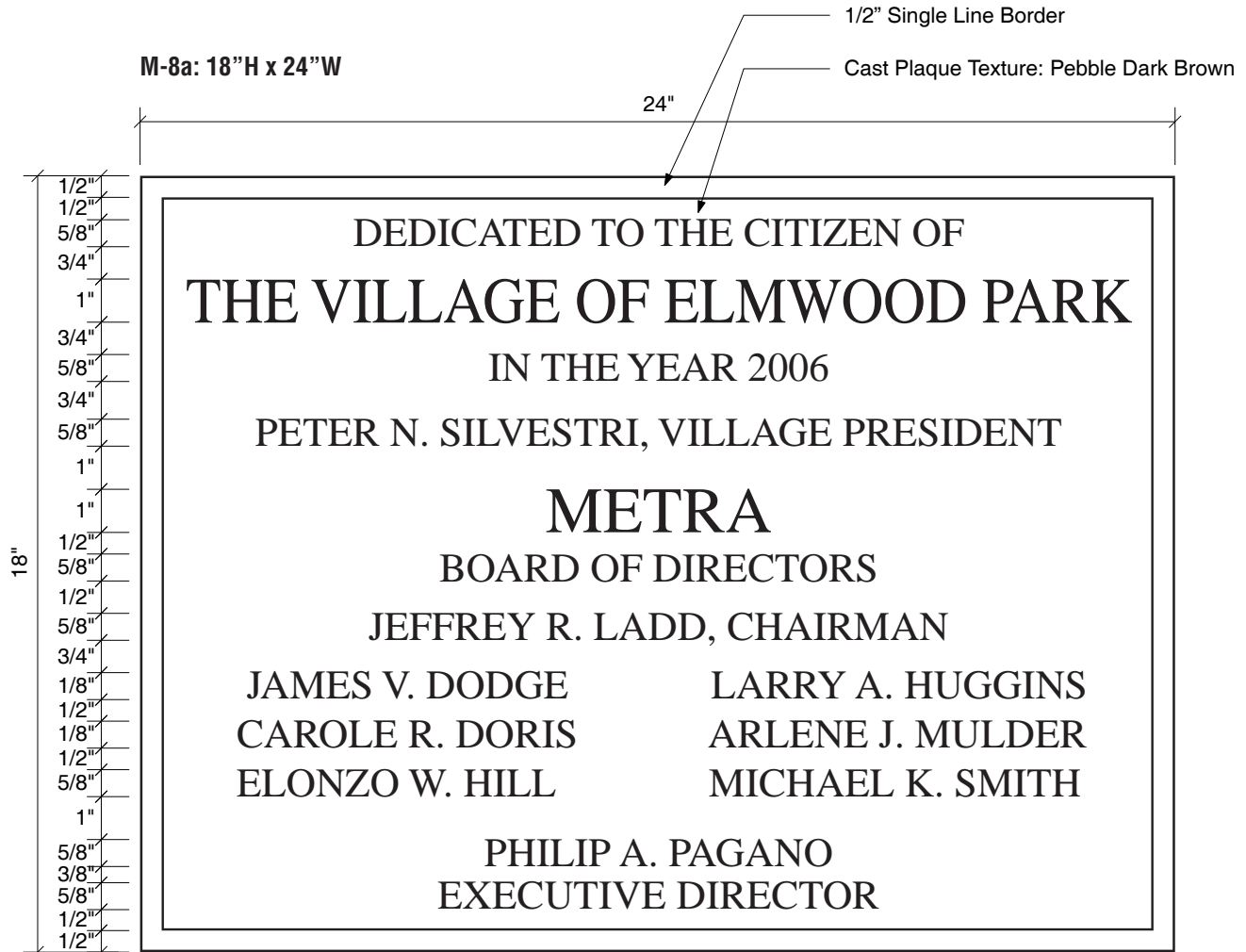
<i>Panel Size:</i>	4 1/2" H x 9" W
<i>Material:</i>	Sign panel to be .125" thick aluminum plate
<i>Finish:</i>	Eggshell finish (11-19 degree gloss on 60 degree glossimeter)
<i>Panel Color:</i>	To match PMS 301
<i>Letterform:</i>	Helvetica Bold Condensed
<i>Copy Size:</i>	0.7" and 0.4"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Border Color:</i>	White
<i>Mounting:</i>	Flush mounted on walls (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)

Note: Designer to verify with station hours at each location.



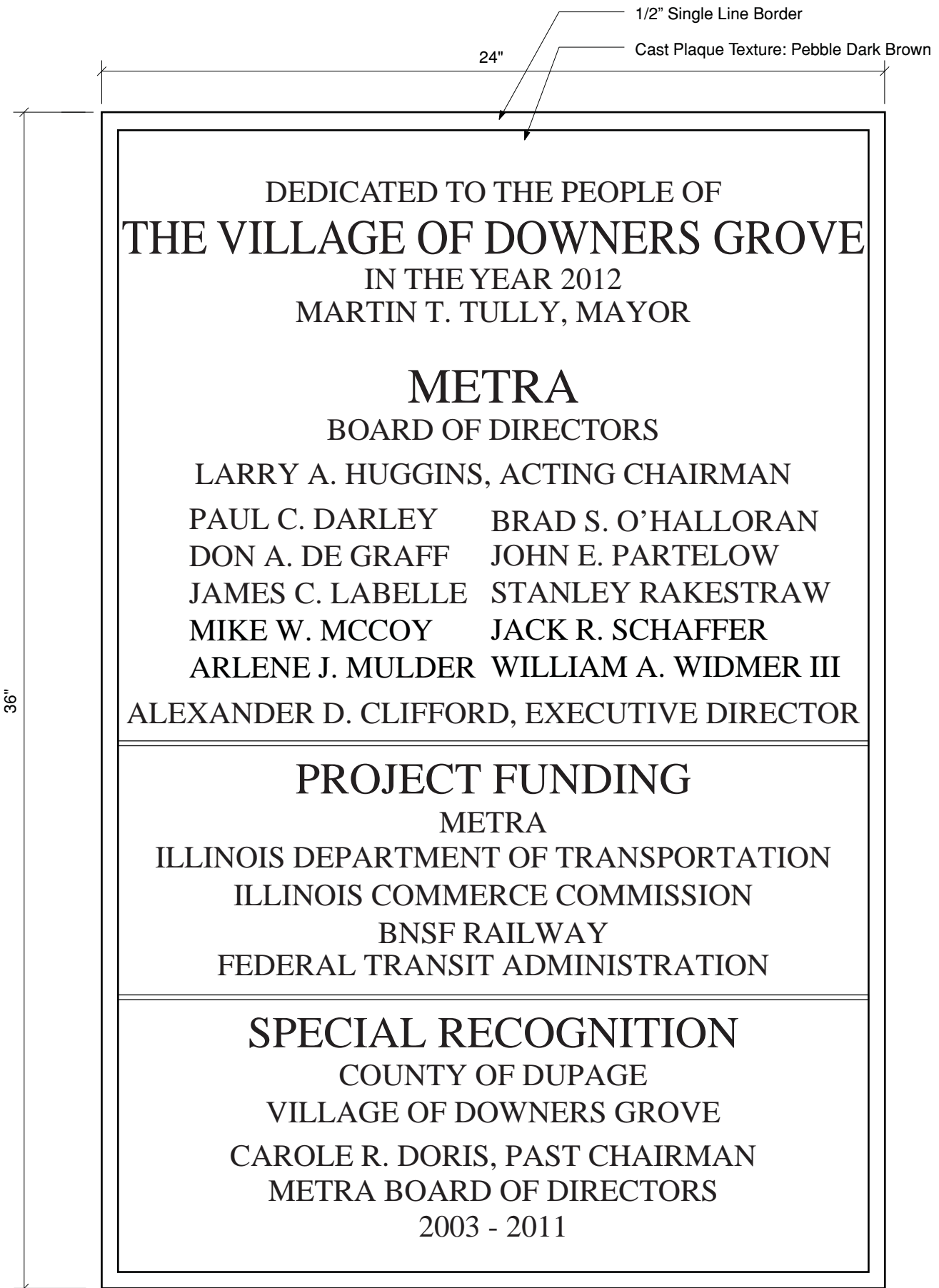
MISC. SIGNAGES**Sign Type M-8 Plaques (18”H x 24”W & 6”H x 24”W)
Specifications**

<i>Panel Size:</i>	M-8a: 18” H x 24” W M-8b: 6” H x 24” W
<i>Material:</i>	Sign panel to be dark oxidized bronze plate
<i>Finish:</i>	Plaque shall be chemically cleaned and sprayed with two coats of clear acrylic lacquer.
<i>Panel Color:</i>	Dark oxidized
<i>Letterform:</i>	Times (Regular)
<i>Copy Size:</i>	1” and 5/8”
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Border:</i>	Light polished
<i>Cast Plaque Texture:</i>	Pebble Dark Brown
<i>Mounting:</i>	Blind mount with epoxy adhesive (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)



MISC. SIGNAGES**Sign Type M-9 Plaques (36" H x 24" W)
Specifications**

<i>Panel Size:</i>	36" H x 24" W
<i>Material:</i>	Sign panel to be dark oxidized bronze plate
<i>Finish:</i>	Plaque shall be chemically cleaned and sprayed with two coats of clear acrylic lacquer.
<i>Panel Color:</i>	Dark oxidized
<i>Letterform:</i>	Times (Regular)
<i>Copy Size:</i>	1" and 5/8"
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy and Border:</i>	Light polished
<i>Cast Plaque Texture:</i>	Pebble Dark Brown
<i>Mounting:</i>	Blind mount with epoxy adhesive (Hardware varies based on existing conditions. Fabricator to submit proposed specifications for hardware to Metra for approval.)



Description:

All hardware, screws, bolts, etc. to be painted black or black anodized, unless on sign face (as in flush mounting an aluminum sign to a wall), in which case they will be painted blue or white to match the panel color.

All hardware is tamper-proof, vandal-resistant and rust-proof.

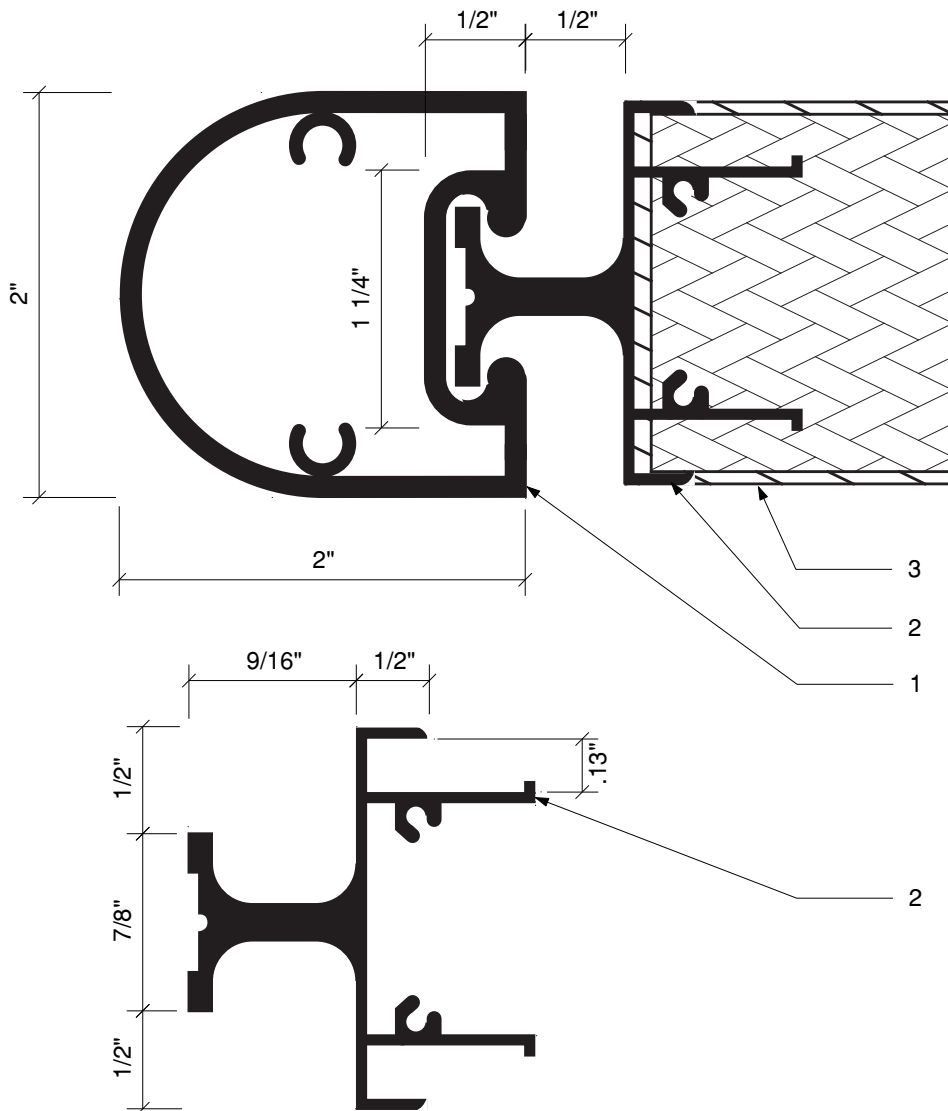
Post-mounted signs may need additional support in posts depending on location.

For All Post Mounted Signs

1. Series 225 Extended Radius Post by Charleston Industries or approved equal in accordance with the following salient characteristics:
 - 0.125 mm Aluminum Extrusion
 - Black Anodized Finish
 - Available in lengths ranging from 6' to 12'
 - Interchangeable with the Existing Charleston Industries 224 frame and 225 post components throughout the Metra System. See dimensions below.

2. Series 224 Standard Side Frame by Charleston Industries or approved equal in accordance with the following salient characteristics:
 - 0.080 mm Aluminum Extrusion
 - Black Anodized Finish
 - Interchangeable with the Existing Charleston Industries 224 frame and 225 post components throughout the Metra System. See dimensions below.

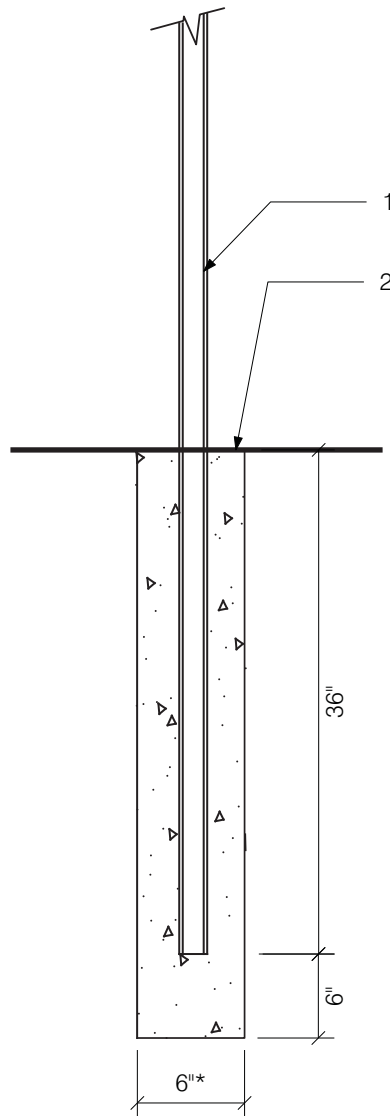
3. Sign (Type 2, 3 or 4)



For All Post Mounted Signs

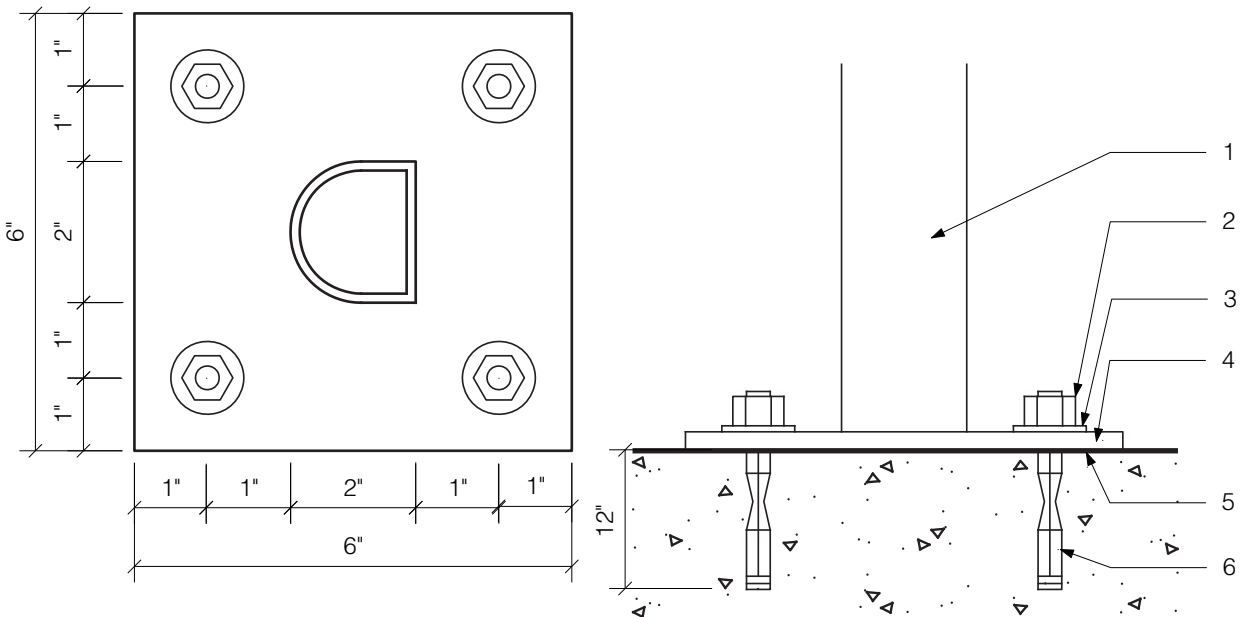
- 1. 2" x 2" Extruded Aluminum Post
- 2. Poured Concrete Footing (42" minimum depth)

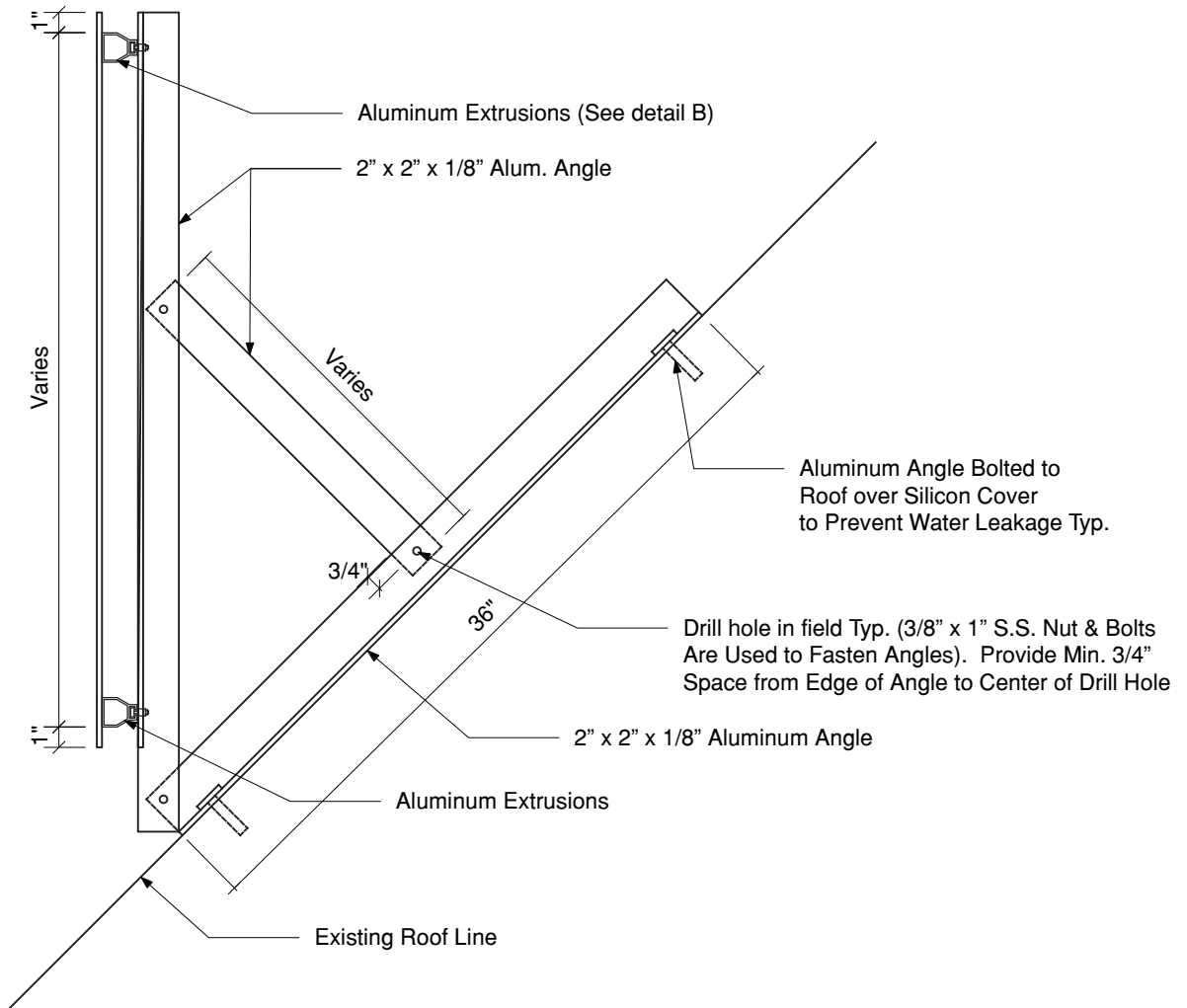
* Please note: Width of Concrete to be Determined by The Contractor and Approved by Metra.

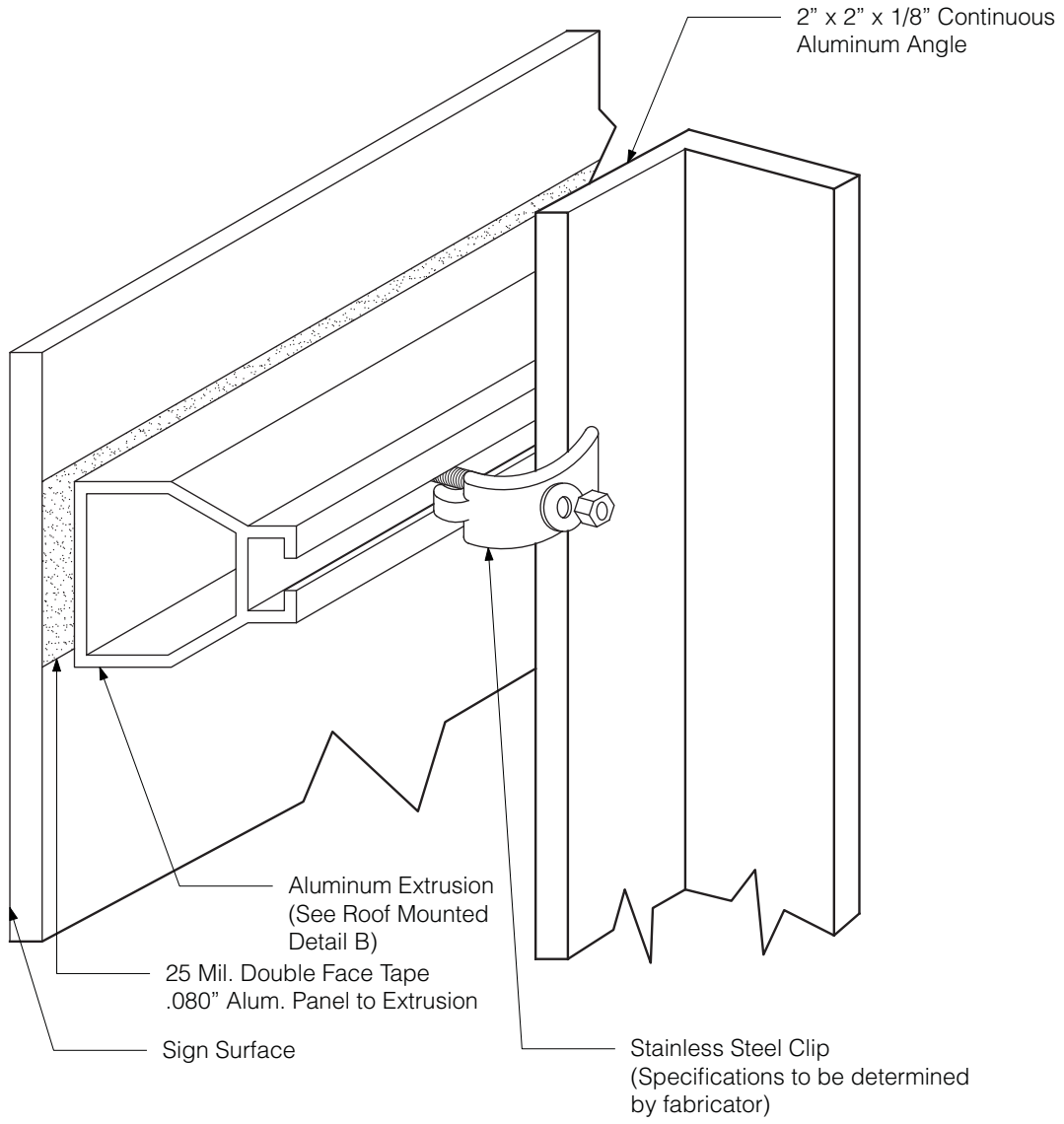


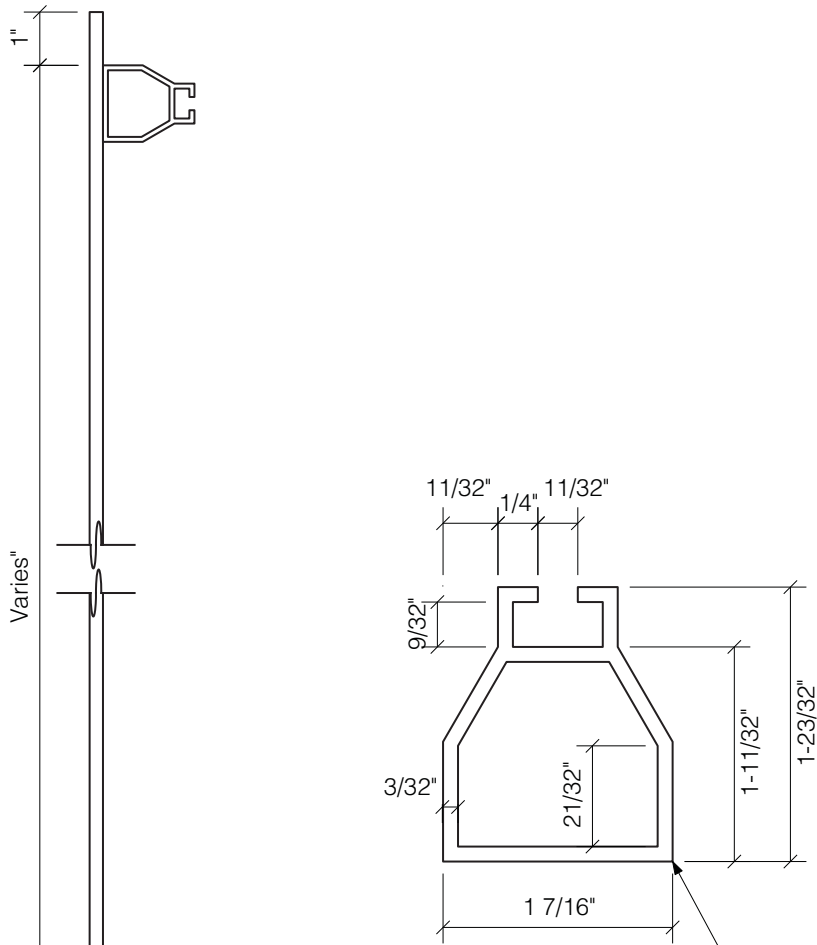
For All Post Mounted Signs

- 1. 2" x 2" Extruded Aluminum Post Welded on Base Plate
- 2. Nut
- 3. Lock Washer
- 4. .250" Base Plate
- 5. Top of Existing Concrete Slab or Retaining Wall
- 6. Retaining Wall use 12" Minimum "J" Bolts / Concrete Slab use Expanding Anchor Bolts





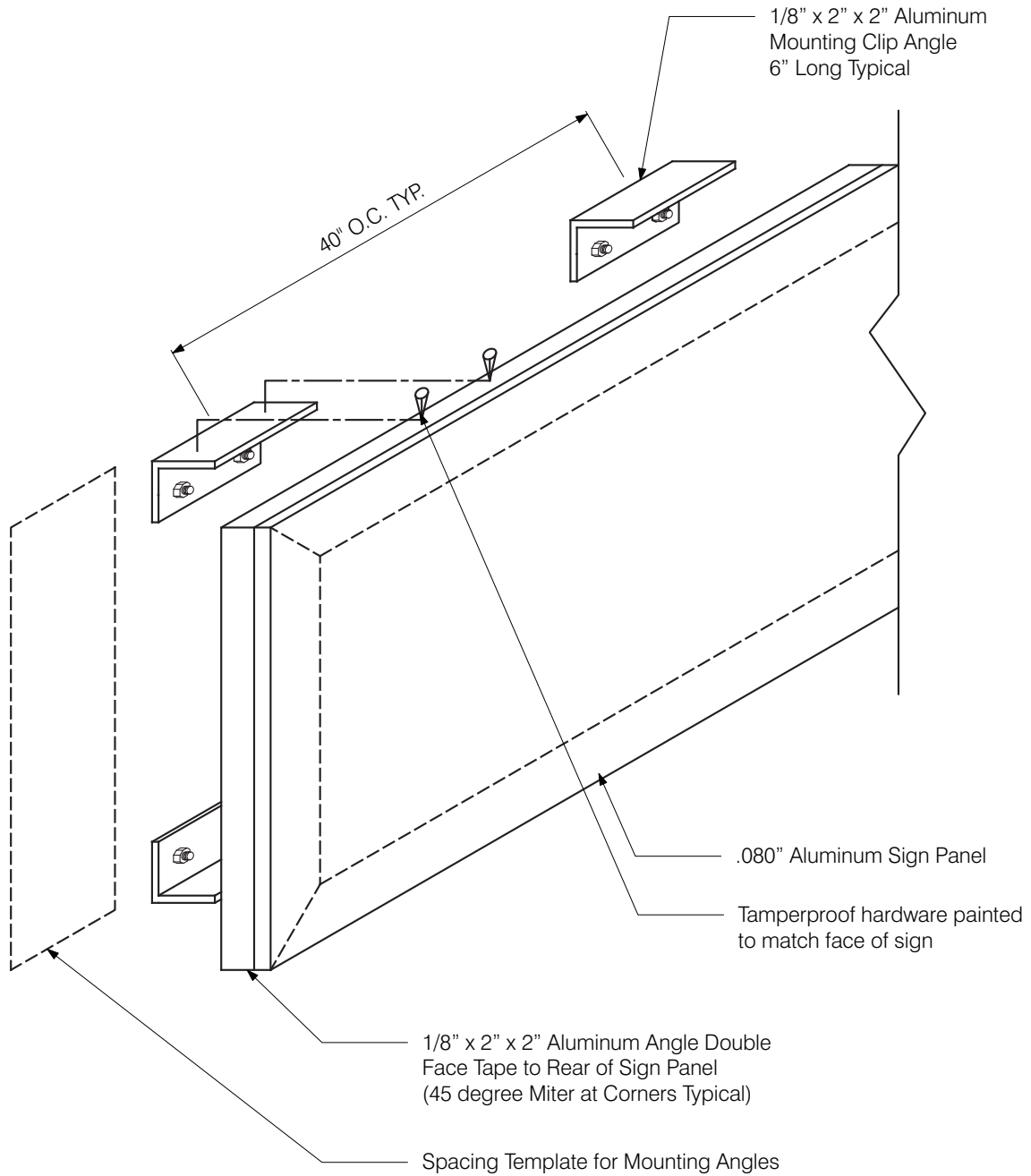




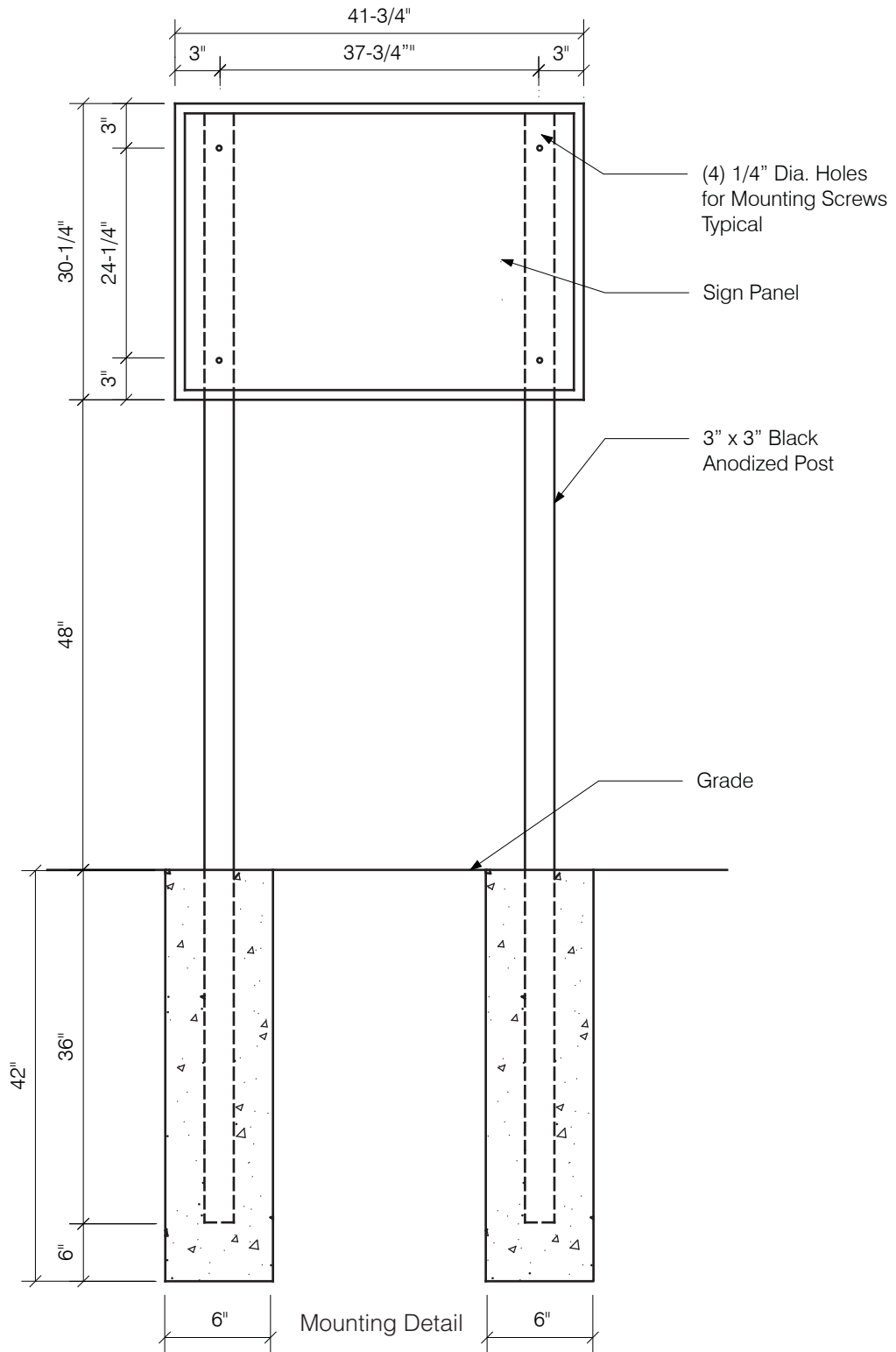
Aluminum Extrusions

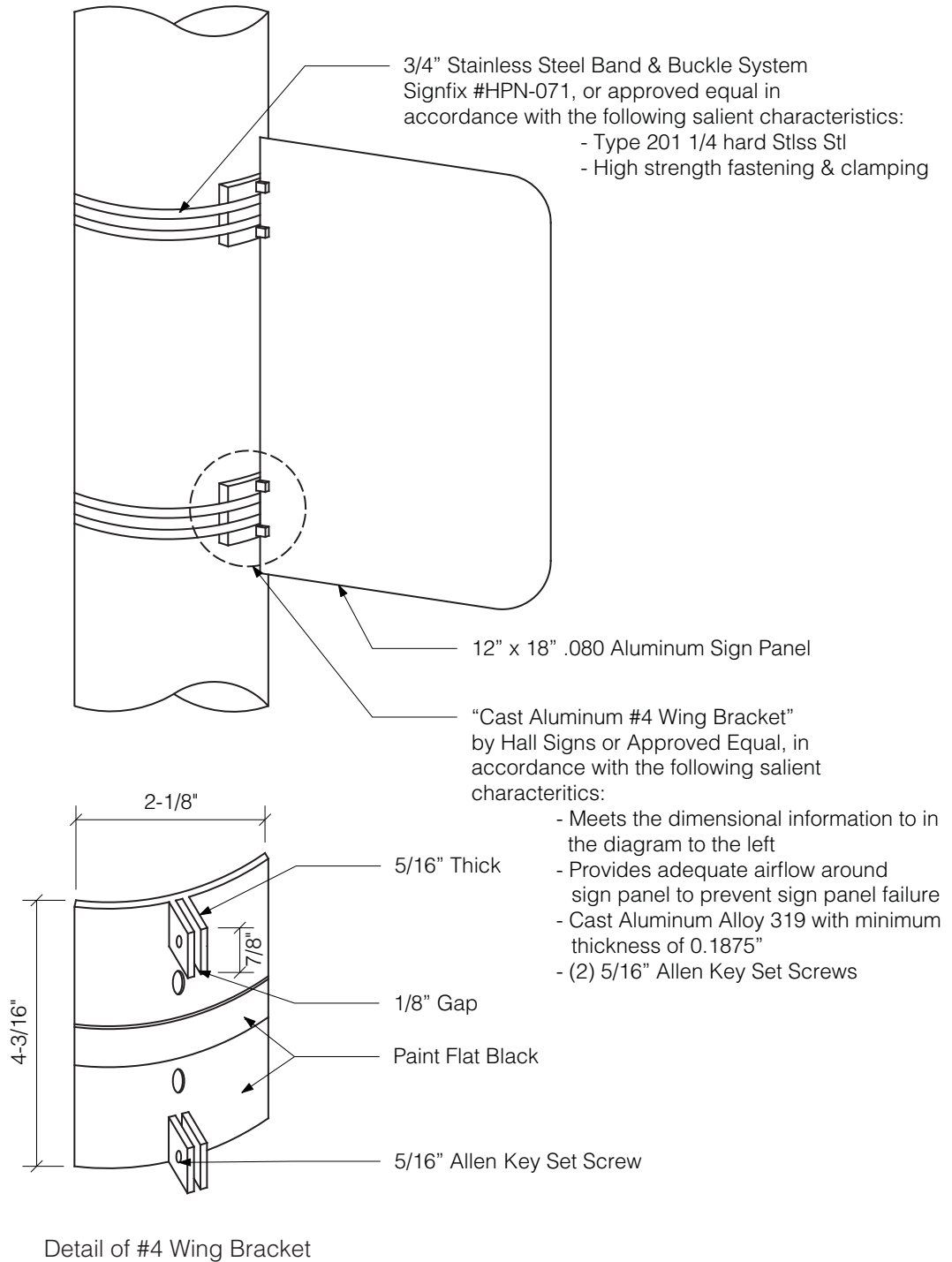
Double Face Tape (3M VHB Tape or approved equal in accordance with the following salient characteristics:
 - Construction grade
 - High temperature range, and outdoor rated
 - Permanent bonding
 - Meets ASTM D150, D140 and D257.

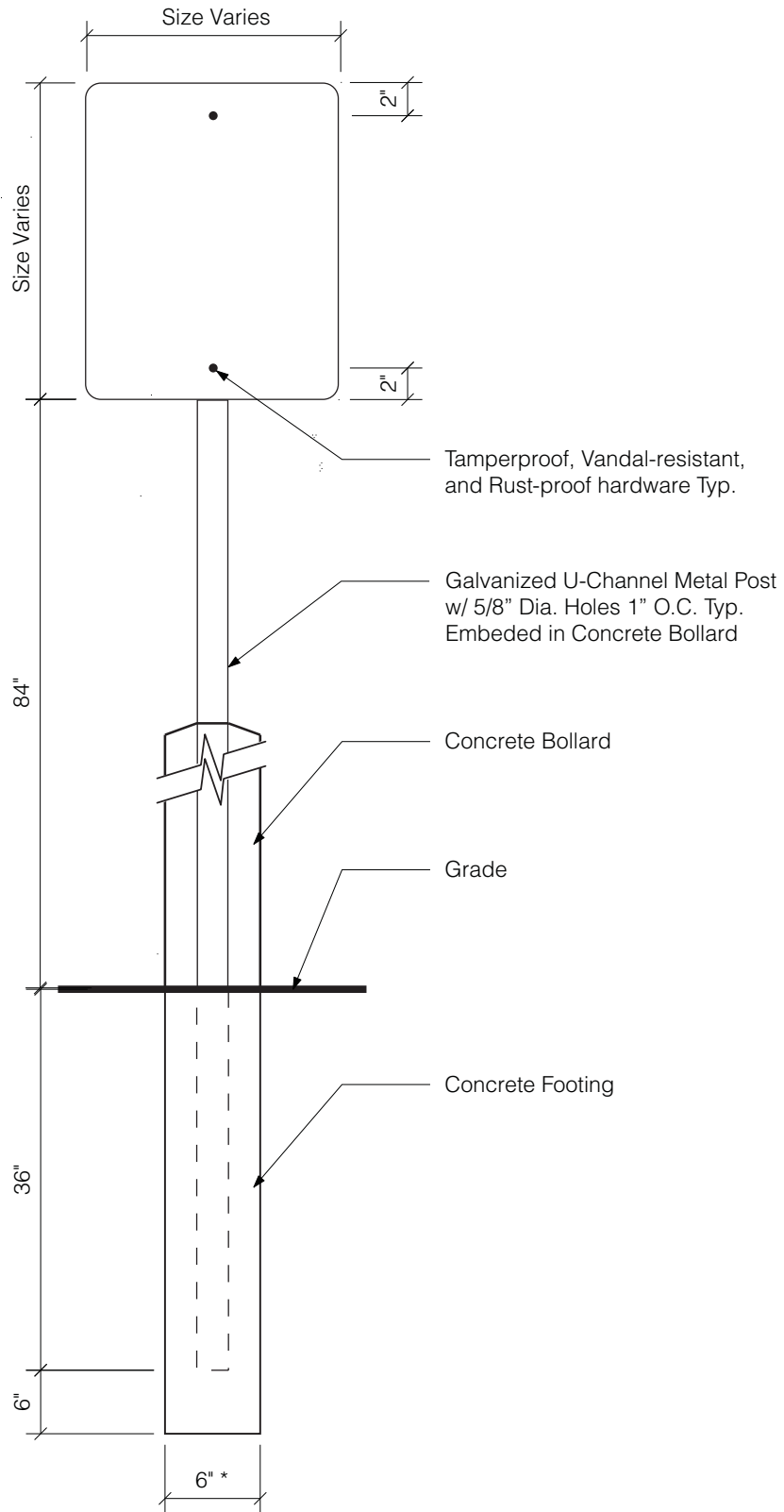
"HB" Aluminum Extrusion "Sign Fix" #HPN-055, or approved equal in accordance with the following salient characteristics:
 - Molded channels shall accept stainless steel clamps, which fasten the sign to the post
 - Meets AASHTO standard specifications for highway signs & traffic signs



Sign Type 1-Concrete or Wood Wall Mount







* Please note: Width of Concrete to be Determined by The Contractor and Approved by Metra.

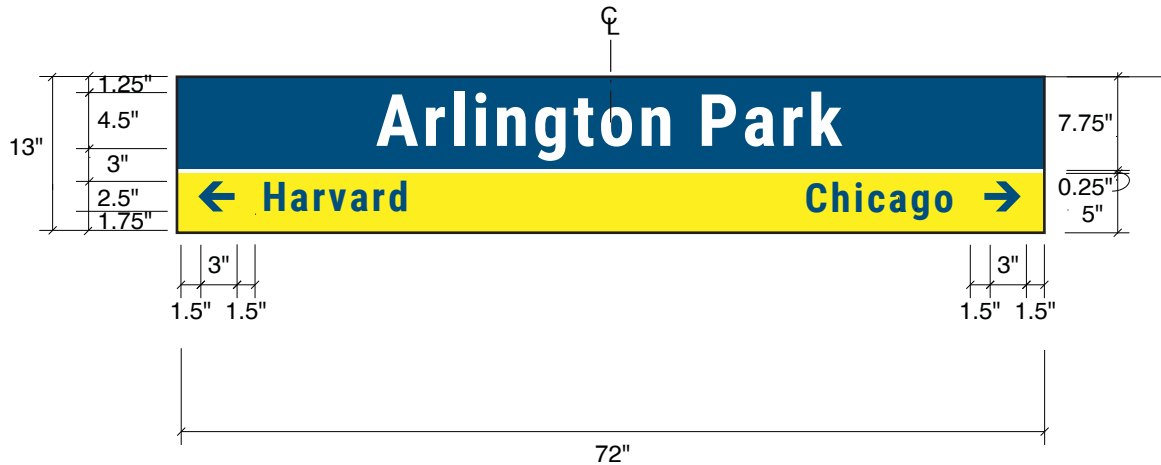
Metra Station Sign Program Specification Appendix

May 1, 2020

<i>Panel Size:</i>	13"H X 72"W
<i>Alternate Panel Sizes:</i>	18"H X 72"W 24"H X 72"W 30"H X 72"W
<i>Frame Material:</i>	Sign Panel to be 2" thick, constructed of materials that are vandal-resistant, and scratch, fade and weather resistant.
<i>Frame Finish:</i>	Painted acrylic polyurethane w/ UV inhibitors, Eggshell finish (11-19) degree gloss on 60 degree glossimeter).
<i>Frame Panel Color:</i>	To match PMS 301 (or as noted otherwise)
<i>Copy Panel:</i>	Porcelain Enamel Copy Panel (Min. 16 GA Steel with Min. 1/32" thick enamel coating) Background color(s) are noted on following Schematics.
<i>Copy Panel Finish:</i>	Matte finish
<i>Copy Panel Texture:</i>	Smooth
<i>Letterform:</i>	Roboto Condensed Bold
<i>Copy Size:</i>	4 1/2" Cap height on station name 2 1/2" Cap height on station line
<i>Letter Spacing:</i>	Manual kerning may be needed (provide layouts for approval)
<i>Copy Color:</i>	White or PMS 301 as shown on following Schematics
<i>Symbol:</i>	Parallel tip arrow
<i>Symbol Size:</i>	2 1/2" H
<i>Symbol Color:</i>	White or PMS 301 as shown on following Schematics
<i>General Notes:</i>	All copy panels shall be fabricated according to Porcelain Enamel Institute's requirements and specifications. Layouts for some stations are subject to change, and may include multiple colors. Signs at island platforms will have double sided messages with multiple colors, not only the Metra logo.



2VR Sign in Frame



Rear (at typical side platforms)

Notes:

Layouts for some stations are subject to change, and may include multiple colors. This includes, but is not limited to, stations with unique operations, platforms that serve multiple Metra lines, and stations on Metra branches, such as the Rock Island - Beverly Branch, the Metra Electric- Blue Island Branch and the Metra Electric - South Chicago Branch.

Signs at island platforms will have double sided messages with multiple colors, not only the Metra logo.



UP-N Colors:
PMS 301, White,
& PMS 348



NCS Colors:
PMS 301, White,
& PMS 265



MD-N Colors:
PMS 301, White,
& PMS 152



UP-NW Colors:
PMS 301, White,
& PMS Process Yellow



MD-W Colors:
PMS 301, White,
& PMS 142



UP-W Colors:
PMS 301, White,
& PMS 176



BNSF Colors:
PMS 301, White,
& PMS 361



HC Colors:
PMS 301, White,
& PMS 208



RI Colors:
PMS 301, White,
& PMS 485



RI-BEV Colors:
PMS 301, White,
& PMS 444



SWS Colors:
PMS 301, White,
& PMS 300



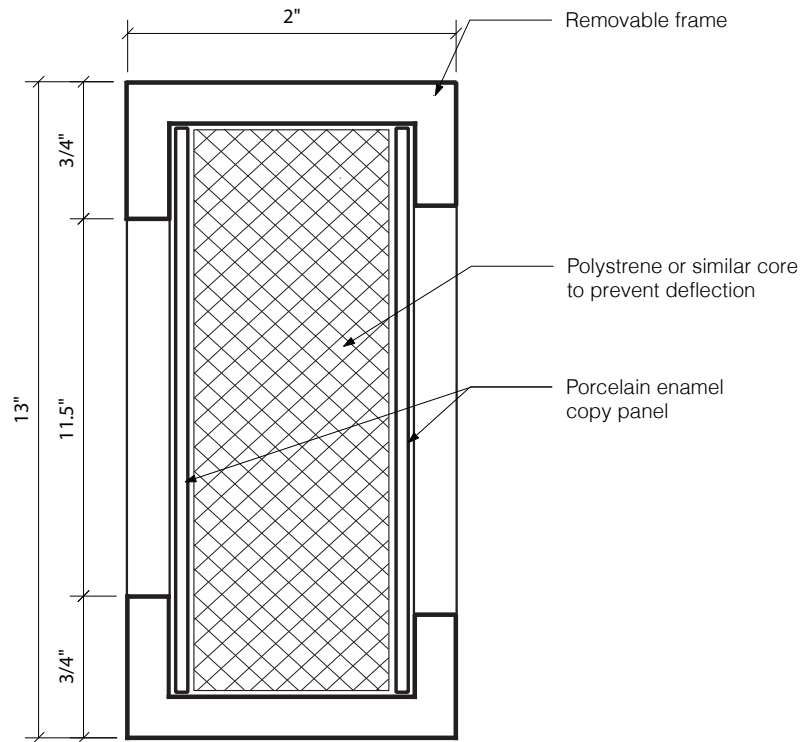
ME Colors:
PMS 301, White,
& PMS 021



ME-BI Colors:
PMS 301, White,
& PMS 9481

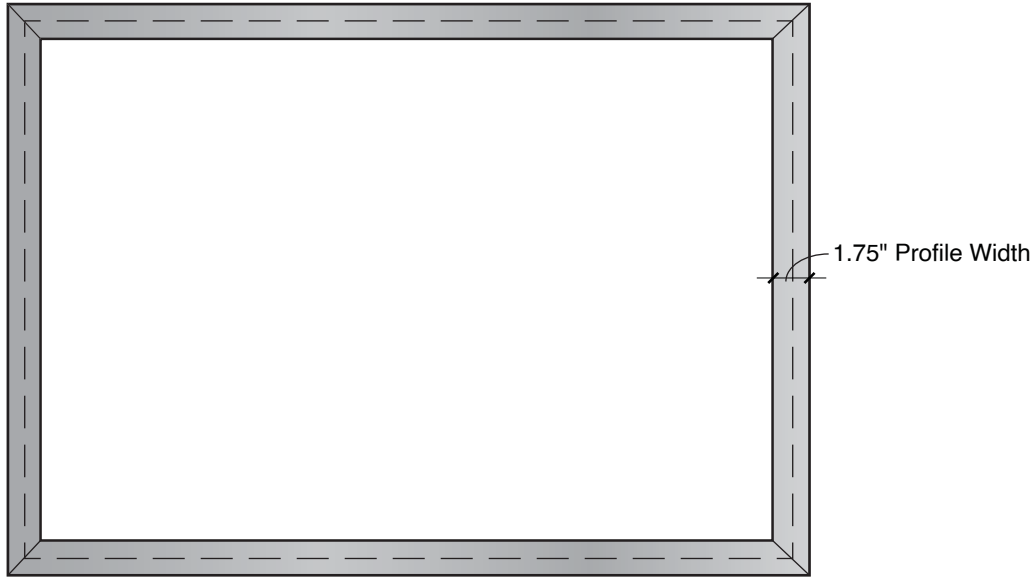


ME-SC Colors:
PMS 301, White,
& PMS 9081

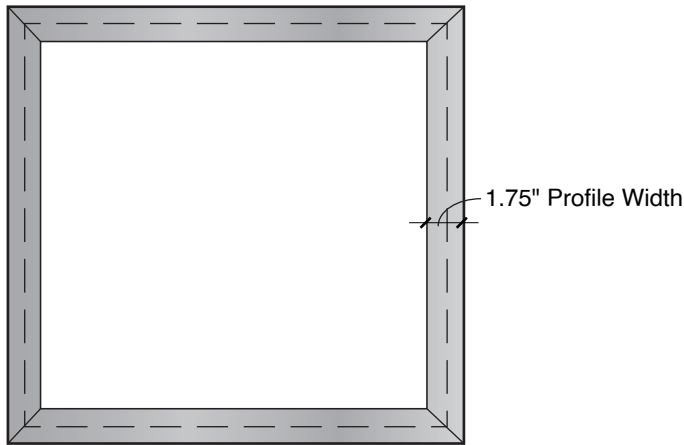


Snap Frames (Large & Medium Size) Specifications

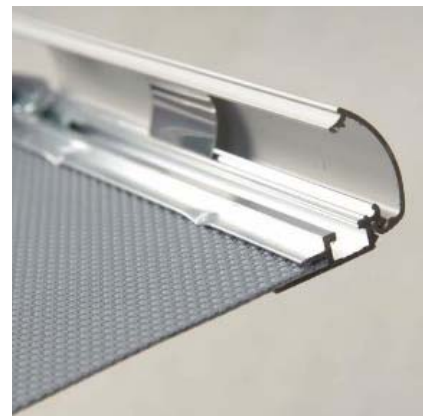
<i>Frame Sizes:</i>	Large Snap Frame	
	Poster Size:	28.00" H x 40.00" W
	Outside Dimension:	29.75" H x 41.75" W
	Viewable Area:	26.125" H x 38.125" W
	Medium Snap Frame	
	Poster Size:	22.00" H x 21.00" W
Outside Dimension:	23.75" H x 22.75" W	
Viewable Area:	20.125" H x 19.125" W	
<i>Frame Material:</i>	Aluminum snap profile with 1.75" profile width and mitered corners	
<i>Frame Finish:</i>	Clear Anodized finish	
<i>Front Cover Material:</i>	Polyethylene terephthalate (PETG)	
<i>Mounting Hardware:</i>	Four (4) 1/4" x 2 1/4" Steel Hex Head Tapping Screws	
	McMaster-Carr 90161A551, or approved equal in accordance with the following salient characteristics:	
	1) Must be operable with the same size wrenches, driver tools and drill bits as the specified product.	
	2) Must be ultra corrosion resistant steel, intended for wet environments.	
	3) Must be intended for use in concrete, block and brick.	
<i>General Notes:</i>	Lightweight aluminum front load snap frame with plastic backing panel and clear protective poster cover, with four (4) pre-drilled holes.	
	Must be intended for outdoor use in wet environments.	



Large Snap Frame
Poster Size: 28.00" H x 40.00" W
Outside Dimension: 29.75" H x 41.75" W
Viewable Area: 26.125" H x 38.125" W

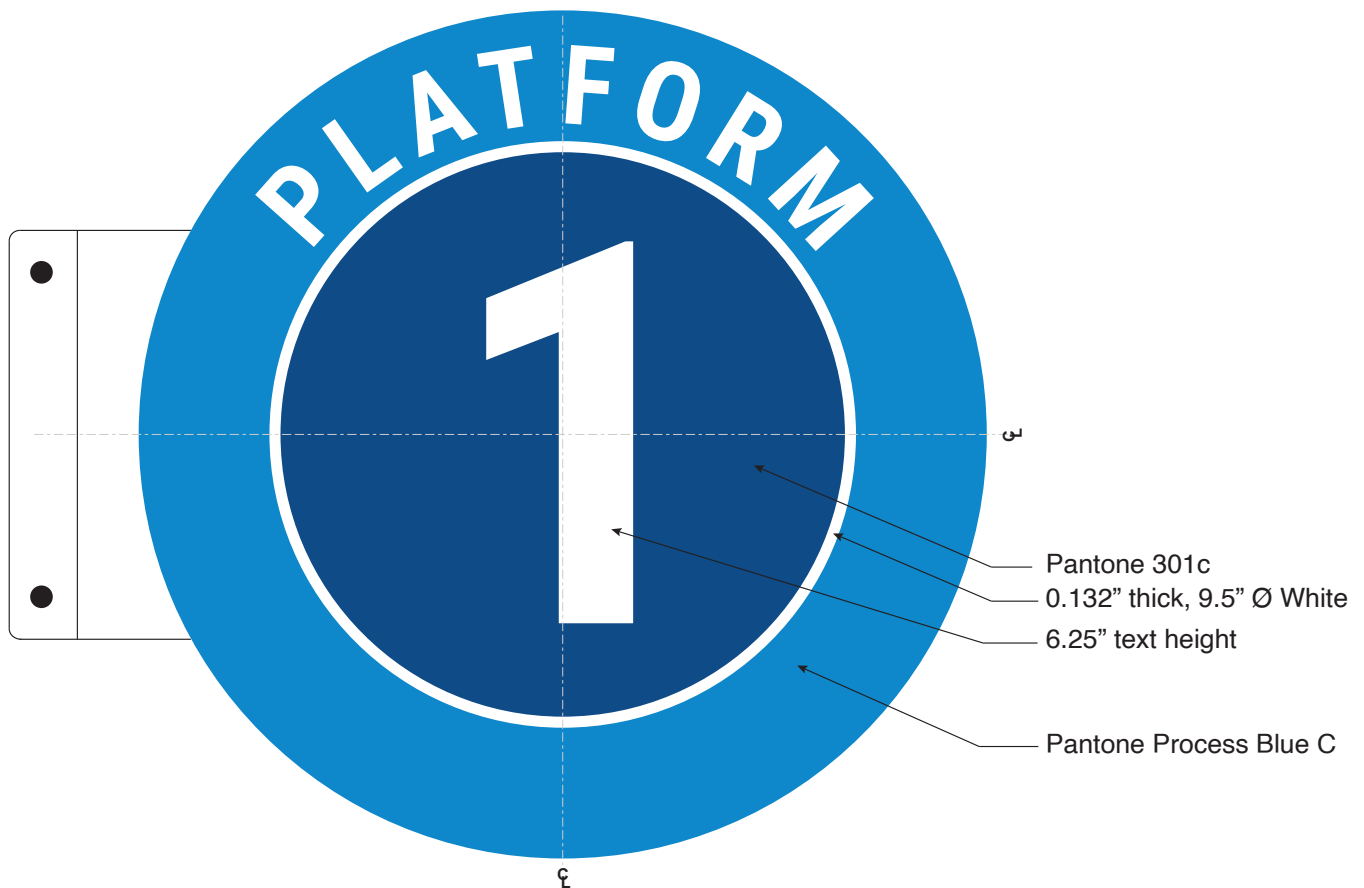


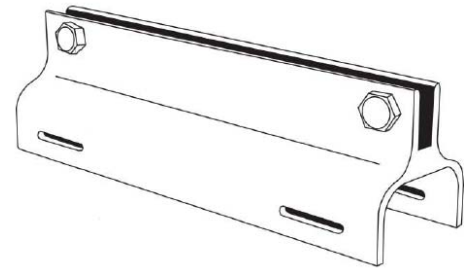
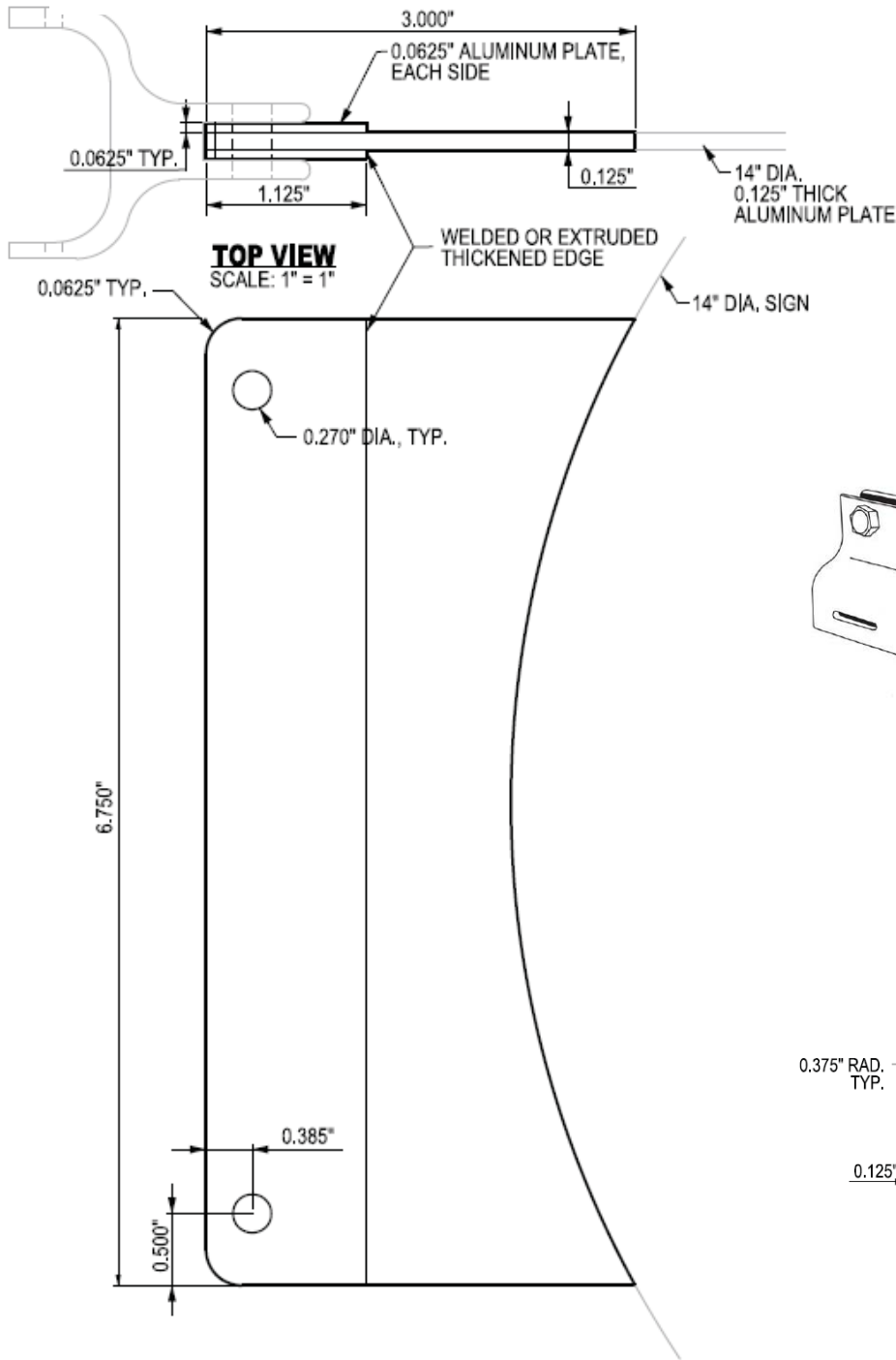
Medium Snap Frame
Poster Size: 22.00" H x 21.00" W
Outside Dimension: 23.75" H x 22.75" W
Viewable Area: 20.125" H x 19.125" W



Aluminum snap frame profile

<i>Size:</i>	14" Ø with 6.75" x 3.0" plate with thickened edge at one at side. See Details on the next page.
<i>Material:</i>	.125" Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Roboto Bold Condensed
<i>Mounting:</i>	Projecting mounted, strapped to existing light poles K Type bracket size: 6 3/4" x 2 1/8" x 1 3/4" - see details on the next page. Extruded Aluminim 6062 T6 2 - 5/16"-18 x 3/4" Hex Head Bolts 2 - 5/16" Hex Nuts 3/4" Stainless Steel Strapping, 2200 LBS break strength 2 - 3/4" Stainless Steel Strapping Seal





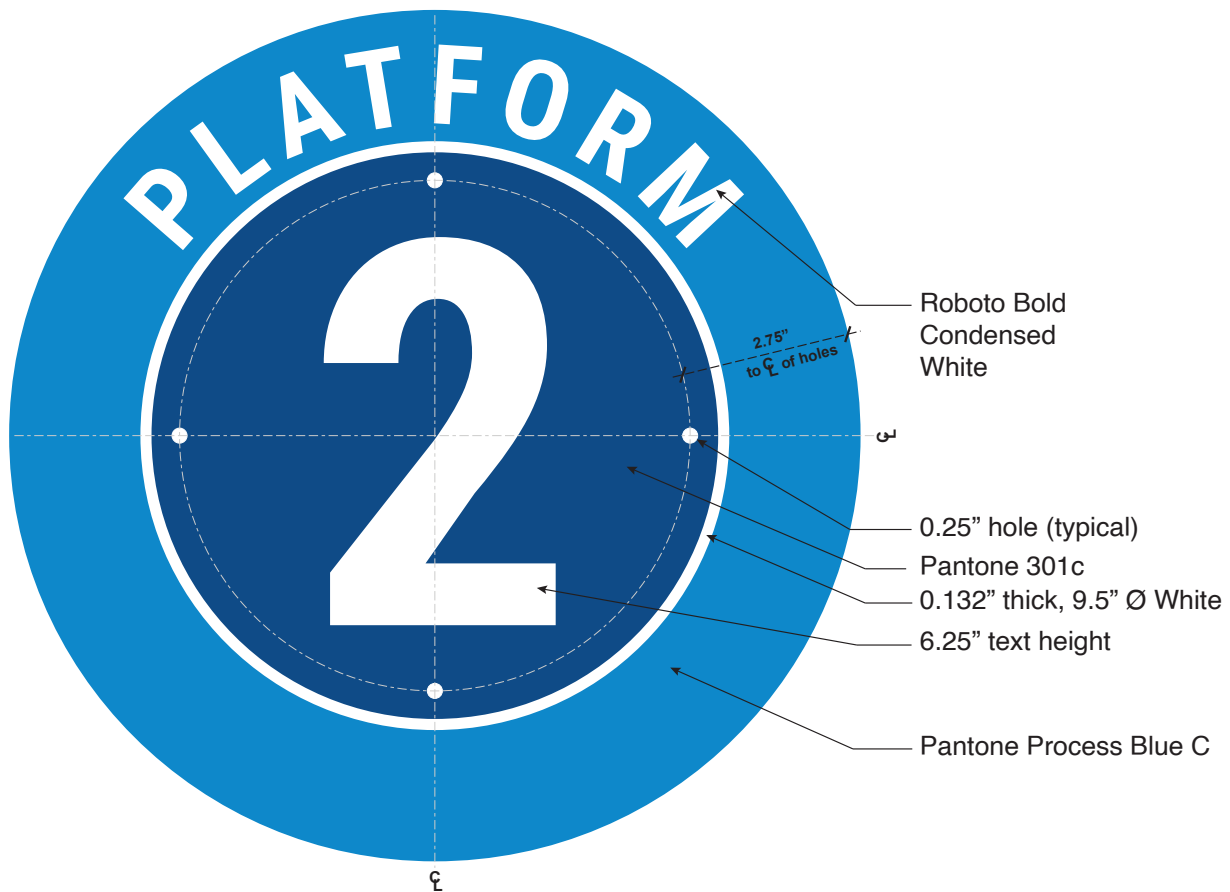
Platform Number Sign Type A Detail

K Type Bracket Details

APPENDIX

**Platform Number Signs (Type B)
Specifications & Schematics**

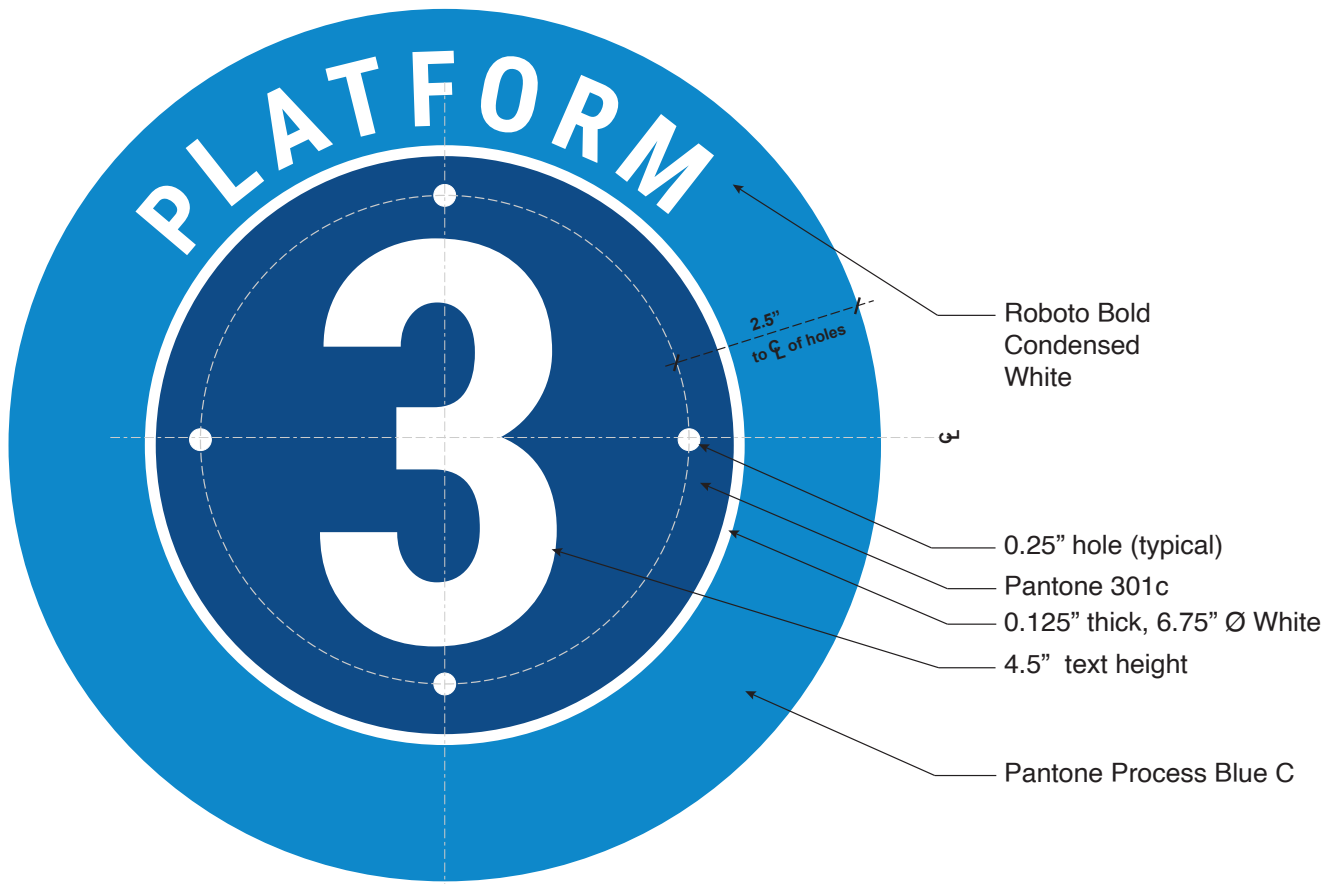
<i>Size:</i>	14" Ø
<i>Material:</i>	.125" Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Roboto Bold Condensed
<i>Mounting:</i>	For wall mounting or strapping to existing beams, columns or posts.



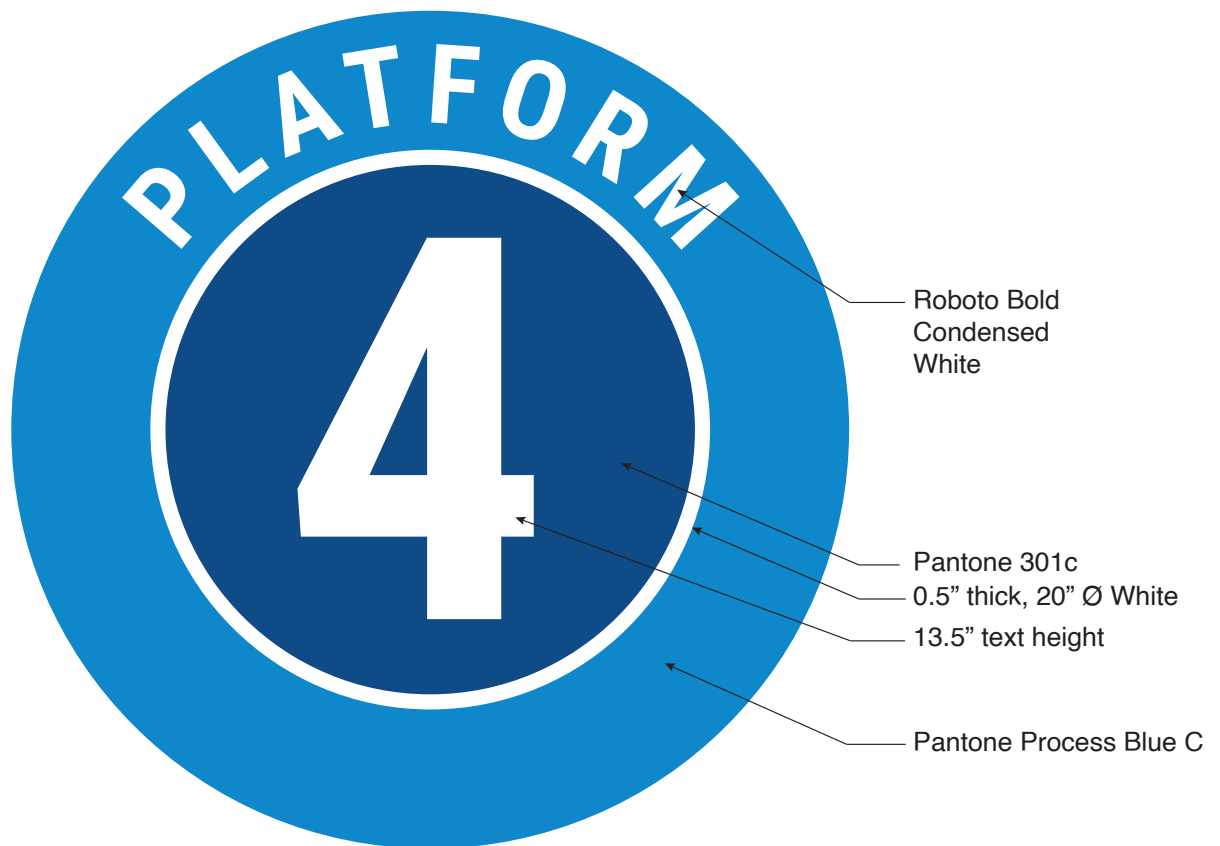
APPENDIX

**Platform Number Signs (Type C)
Specifications & Schematics**

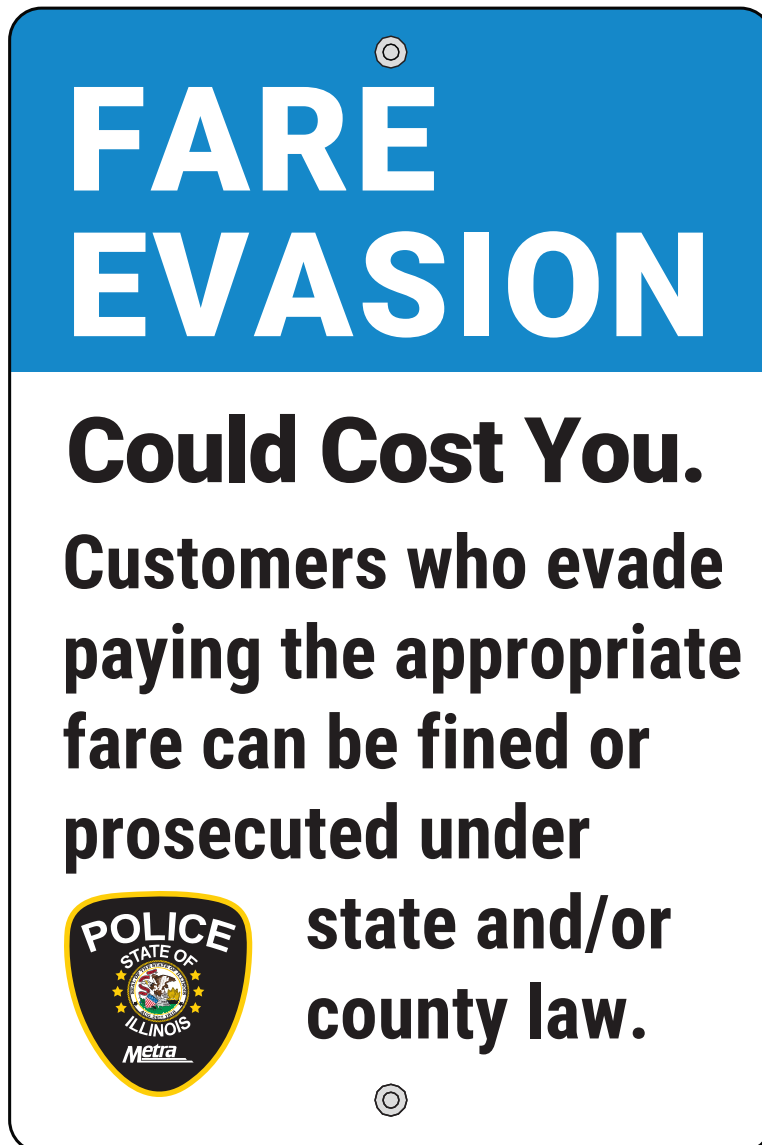
<i>Size:</i>	10" Ø
<i>Material:</i>	.125" Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Roboto Bold Condensed
<i>Mounting:</i>	For wall mounting or strapping to existing beams, columns or posts.



<i>Size:</i>	30" Ø
<i>Material:</i>	Thermoplastic Surface Marking (see specifications)
<i>Finish:</i>	Durable, slip-resistant, outdoor rated pavement marking
<i>Letterform:</i>	Roboto Bold Condensed
<i>Application:</i>	Propane torch applied (see specifications)



<i>Size:</i>	18"H X 12"W
<i>Material:</i>	.125" Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane (or full vinyl) with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Roboto Bold Condensed
<i>Mounting:</i>	For wall mounting or strapping to existing beams, columns or posts.



<i>Size:</i>	18”H X 12”W
<i>Material:</i>	4mm Corrugated Plastic with 3/8” ID Brass Grommets
<i>Finish:</i>	Direct Print with UV Inks
<i>Mounting:</i>	For wall mounting or strapping to existing fences, columns or posts. 5/16” SS Tamperproof Hardware
<i>Note:</i>	Artwork to be provided by Metra and may vary.



<i>Size:</i>	18"H X 12"W
<i>Material:</i>	.125" Aluminum plate
<i>Finish:</i>	Painted acrylic polyurethane (or full vinyl) with UV inhibitors Eggshell finish (11-29 degree gloss on 60 degree glossimeter)
<i>Copy:</i>	Silkscreened or vinyl letters with a clear acrylic polyurethane with UV inhibitors over coating
<i>Letterform:</i>	Roboto Bold Condensed
<i>Mounting:</i>	For wall mounting or strapping to existing beams, columns or posts.

