Specifications

SWC 106
Event Number:**32110-12493**
Interior and Exterior Signage

1. The purpose of this contract is to provide interior and exterior signs. The contract will provide these signs and installation services to the State of Tennessee

2. Definitions

Agency	Each State of Tennessee board, commission, committee, department, officer, or any other unit of State government except for those governmental entities identified in Tenn. Code Ann. § 12-3-102(a).
Contract Administrator	Contractor's main point of contact at the Central Procurement Office.
CPO	Central Procurement Office of the Tennessee Department of General Services.
Project Manager	Contractor's main point of contact when producing and installing ordered signs.
Normal State Operating Hours	Monday through Friday 8:00AM – 4:30 PM, excluding legal State holidays. A listing of State holidays can be found at https://www.tn.gov/about-tn/state-holidays.html. Any work conducted outside of the normal State operating hours must have prior written approval from an authorized agency personnel.

3. The use of Contractor installation services shall be at the sole discretion of the project manager for the State of Tennessee. Installation could be the done by the following methods:
   1) Contractor installation, with trip charge if applicable
   2) Self-installation

4. Contractor shall manufacture, deliver, and install interior and exterior signs in State owned buildings as applicable. Table A provides the name of each sign requested by the State.

Table A

1	Workstation Sign – Large including panel clip
2	Workstation Sign – Small including panel clip
3	Small Informational Sign
4	Department ID Sign including panel clip
5	Conference Room Sign
6	Large Restroom Sign
7	Standard Restroom Sign - Male, Female, Male ADA, Female ADA
8	Exterior Stair Identification Sign
9	Evacuation Map Sign
10	Small Directory / Directional Sign
11	Large Directory Sign
12	Stairwell Sign
13	Floor Sign Holder
14	Building Entrance ID Sign
15	Building Entrance Door Graphic
16	Front Door Directional

17	Hanging Sign
18	Desk Top Sign
19	Parking Sign
20	Exterior Building Sign
21	Door Vinyl
22	Frost Stripping

5. The Contractor shall be compensated for a "Trip Charge" if Contractor Installation is chosen only.

6. The "Trip Charge" will be waived for installations in Davidson County, TN and Shelby County, TN.

7. Each shipment delivered to the State shall be accompanied with detailed installation instructions on how to install the products.

8. On occasion, the State may request work to be performed outside of normal state business hours, in which case there shall be no additional charge.

9. All graphics printed by the Contractor shall be provided by the State.

10. The Project Manager for the State shall have final approval of all project shipments and installs.

11. Installer hourly rate starts at the time of installer sign-in on State install location.

NON-ILLUMINATED INTERIOR and EXTERIOR SIGNAGE

PART 1 - GENERAL

1.1   SUMMARY

A. Section includes: Interior and Exterior non-illuminated directional, control, and informational signage as complete integrated modular system.

1.2   REFERENCES

A. Standards of the following as referenced:
   1. American National Standards Institute (ANSI).

B. Industry standards:
   1. Department of Justice, Office of the Attorney General, "Americans with Disabilities Act", Public Law 101-336, (ADA).
   2. ANSI A117.1: Providing Accessibility and Usability for Physically Handicap People.
   3. Federal Register Part III, Department of Justice, Office of the Attorney General, 28 CFR Part 36: Nondiscrimination on the Basis of Disability by Public Accommodations and in Commercial Facilities,
   4. Federal Register Part II, Architectural and Transportation Barriers Compliance Board, 36 CFR Part 1191: Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Amendment to Final Guidelines.
   5. Comply with all federal, state & local codes.

1.3   DEFINITIONS

A. Terms:
   1. Braille: Grade 2 Braille including 189 part-word or whole word contractions in addition to Grade 1 Braille 63 characters. Tactile is required whenever braille is required; see section 1.4 below.
   2. Non-tactile: Letters and numbers on signs. Use typestyles with medium weight; upper and lower case lettering is permitted; serif typestyles are permitted. See section 1.4 below.
   3. Symbols: Symbol itself is not required to be tactile but equivalent verbal description is required both in tactile letters and braille.
   4. Tactile: 1/32" raised capital letters without serifs at least 5/8" height and not more than 2" height based on upper case "X". Braille is required whenever tactile is required; see section 1.4 below.

1.4   SYSTEM   DESCRIPTION

A. Signage is intended to include items for identification, direction, control, and information of building where installed as complete integrated system from a single manufacturer.

B. ADA design requirements:
   1. Signage requiring tactile graphics:
      a. Wall mounted signs designating permanent rooms and spaces such as room numbers and restroom, department, office, and exit identifications.
      b. Individually applied characters are prohibited.
   2. Signage not requiring tactile graphics but require compliance to other ADA requirements: All other signs providing direction to or information about function of space such as, directional signs (signs with arrow), informational signs (operating hours, policies, etc.), regulatory signs (no smoking, do not enter), and ceiling and projected wall mount signs.

   3. Excluded signage:
      a. Building directories.
      b. Menus.
      c. Temporary signs include personnel signs and tenant identification; suite numbers are not considered temporary.

C. ADA performance requirements:
   1. Tactile graphics signs mounting requirements:
      a. Comply with federal, state & local codes and ADA requirements.

   SUBMITTALS WHEN BIDDING

D. Samples to submit when bidding:
   1. Samples will not be returned. Contractors must provide samples of the following sign types:
      a) Sign #2 Workstation Sign – Small including panel clip
      b) Sign #7 Standard Restroom Sign – Female ADA
      c) Sign #12 Stairwell Sign
      d) Sign #13 Floor Sign Holder
         • Submit detailed rendering with dimensions in place of a physical sample product.
      e) Sign #14 Building Entrance ID - this will be an alternative sample submittal than what is described in the final product
         • Submit vinyl lettering of the Department of General Services logo.
      f) Sign #17 Hanging Sign (submit hanging sign material sample)
         • Submit a 3" by 5" and ¾ " thick sample of the sign in the colors P1, P4, P5, and P6, for a total of four (4) hanging sign samples
      g) Sign #18 Desk Top Sign

1.5   THE CONTRACTOR SHALL PROVIDE THE FOLLOWING SUBMITTALS WHEN AWARDED

A. Product data:
   1. Manufacturer's product literature indicating units and designs selected.
   2. Evidence of manufacturer's computerized data program for tracking of Project for sign typography, message strip requirements and other pertinent data from schedule input to final computerized typography on finished product.
   3. Signage schedule complete with location of each sign and required copy; include floor plans, if required.

B. Shop drawings:
1. Indicate materials, sizes, configurations, and applicable substrate mountings.
2. Typography sample for ADA bands copy.

C. Sign Message List
1. Unless provided by the project coordinator, the Contractor shall develop a Sign Message List including: sign location number, sign type, and sign message / copy.
2. Unless provided by the project coordinator, the Contractor shall develop a sign location plan using architect's floor plan; sign location plan to include sign location number to correspond with sign message list.

D. Contract close out:
1. Furnish:
   a. Maintenance data and cleaning requirements for exterior surfaces.
   b. Windows compatible Software program providing Customer with ability to easily create laser- printed messages in-house for each sign type
   c. Sign type Drawings
   d. Sign Message List - location number, sign type, and sign message / copy.
   e. Sign Location Plans
   f. All of the above in hard copy & electronic files on CD or thumb drive.

1.6 QUALITY ASSURANCE

A. Qualifications:
1. Manufacturing:
   a. Contractor has been regularly engaged in work of this magnitude and scope for minimum of five years.
   b. Maintain computer link between schedule input and computerized typography production.
2. Installer: Trained and authorized by manufacturer for installations of required scope and product.

1.7 DELIVERY, STORAGE, AND HANDLING

A. The Contractor shall package signs to prevent damage during shipment, handling, storage and installation. Products are to remain in their original packaging (unless otherwise specified) until removal is necessary for installation.

B. If installation site is not ready for signage upon delivery, the Contractor shall store signs in a dry, air-conditioned environment.

C. The Contract shall handle signage in accordance with manufacturer's instructions.

D. The Contractor shall store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.8 SEQUENCING AND SCHEDULING

A. Schedule system installations after related finishes have been completed.

1.9 WARRANTY

A. Provide manufacturer's warranty against defects in material and workmanship for a minimum period of one (1) year. During this period, any defective product shall be replaced without charge.

B. Provide a statement regarding the duration of time that replacement parts or duplicate signs can be obtained.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS
A. Arcadia Series 1000 Curved Face Sign System, or equivalent version to meet specs.

2.2 SYSTEM REQUIREMENTS

A. General:
   1. Sign system shall feature solutions for all required sign types, including but not limited to, wall mounted personnel signs, workstation personnel signs, primary room identification, directories, directional, restroom signs, regulatory and information signs, stair signs and conference room signs.
   2. Signs within the system shall feature the same family of components and convey a uniform look throughout.

B. Features:
   1. Updatability: Signs shall allow for easy updating of message inserts without the need to replace the entire sign assembly. System shall offer a solution for easy in-house creation of laser printed sign inserts for all applicable sign types, including personnel signs, directories and directional signs.

C. Graphics and Typography: Reference sign drawings.
   1. Note that ALL laser-printed graphics will be provided by the Customer. Sign manufacturer will provide silk-screened and ADA graphic inserts/panels where applicable.

D. ADA Compliance: Sign system shall comply with all current and applicable ADA regulations, including requirements regarding which sign types require Braille/tactile features, character heights, color contrast and installation locations and mounting heights within the facility.

E. Materials and Construction:
   1. Frames/Holders: Curved face sign frames shall be constructed of extruded aluminum, alloy 6063-T6, with minimum 3/4 inch (19 mm) wide contour edge detail. Top/bottom caps shall be aluminum. Plastic caps will not be acceptable. Aluminum extrusions shall contain a minimum of 50% post consumer recycled content and shall be extruded in the USA. Modular sign holders shall accommodate any type of flexible insert material up to .095 inch (2.4 mm) thick.
   2. Braille / Tactile Components: PETG-backed photopolymer with raised characters and Braille of minimum 1/32 inch (0.8 mm) depth/thickness. Braille/tactile plaques shall contain a minimum of 40% recycled content.
   3. Fasteners: Signs shall be able to accommodate fully concealed mechanical fasteners.

2.3   COMPONENTS

A. Holder: Curved Face Sign surface: aluminum extruded plaque
   1. Graphic area widths:
      a. 150mm / 5 7/8" (frame outer dimensions: 7.5"w x .725"deep)
      b. **215mm / 8.5" (frame outer dimensions: 10.188"w x 1.095"d)**
      c. 280mm / 11" (frame outer dimensions: 13"w x 1.188"d)
      d. 430mm / 17" (frame outer dimensions: 18.812"w x 1.312"d)

   2. Color:
      a. Natural Satin anodized finish.
      b. Painted finish not allowed.

   3. End Caps: Full coverage metal caps (.040") aluminum.
      a. Finish: Natural Satin anodized finish.
      b. Painted finish not allowed.

   4. Mounting:
      a. Wall Mounting: Vinyl Tape, or Vinyl Tape plus Mechanical Fastener depending on wall surface and weight of sign. For signs 17" tall and taller, use mechanical fasteners and vinyl tape.
      b. Panel Clip: For all workstation signs and some small directories/directional signs and Department ID signs, use .040" Natural Satin anodized formed aluminum panel clip mounting. See drawings for details.
      c. Glass Mounting: If sign is installed on glass, apply opaque silver vinyl film cut to same size and shape as sign applied on first surface of glass, and install sign onto vinyl film using vinyl tape.

B. Inserts:

1. Sizes in height: as detailed in sign type drawings.

2. Insert Types:
   a. Opaque Insert: non-tactile, 1st surface painted, changeable / removable from frame.
      1. Graphics – Silk screen printed, 1st surface. (Vinyl graphics or applied letters Not allowed.)
   b. ADA Insert: tactile, raised letters & Braille, photopolymer
      1. Graphics – Silk screen printed, 1st surface – tipped ink on raised letters/numbers. Braille – non-tipped / same color as ADA insert background finish.
      2. Applied characters to simulate raised letters & Braille are Not allowed.
   c. Clear Lens Insert – Matte 0.040" thick clear insert for frame graphic areas of 11"wide or less. Matte 0.060" thick clear insert for frame graphic areas 17"wide or wider.
   d. Paper Insert - If required, heavy cardstock paper insert, approx 170gsm / 60 pound weight.

C. Materials and Construction:
   1. Frames/Holders: Curved face sign frames shall be constructed of extruded aluminum, alloy 6063-T6, with minimum 3/4 inch (19 mm) wide contour edge detail. Top/bottom caps shall be aluminum. Plastic caps will not be acceptable. Aluminum extrusions shall contain a minimum of 50% post consumer recycled content and shall be extruded in the USA. Modular sign holders shall accommodate any type of flexible insert material up to .095 inch (2.4 mm) thick.
   2. Braille / Tactile Components: PETG-backed photopolymer with raised characters and Braille of minimum 1/32 inch (0.8 mm) depth/thickness. Braille/tactile plaques shall contain a minimum of 40% recycled content.
   3. Fasteners: Signs shall be able to accommodate fully concealed mechanical fasteners.

D. Graphics:
   1. Type sizes: as detailed in sign type drawings.
   2. Type style or styles: as detailed in sign type drawings.
   3. Type code or codes: as detailed in sign type drawings.
   4. Imprint colors: as detailed in sign type drawings.

   NOTE that all laser printed graphics to be provided by the Customer.

2.4   FABRICATION

A. Shop assembly:
   1. Fabricate units to configurations indicated on reviewed shop drawings.
   2. Provide copy on inserts, and covers required on reviewed shop drawings and in accord with ADA requirements.
   3.. Wrap each individual unit with polyethylene; include instruction sheets for removal and replacement inserts and installation.

PART 3 - EXECUTION

3.1   EXAMINATION

A. Verification of conditions:
   1. Examine areas to receive signage; notify project coordinator in writing of unacceptable substrate.
   2. Do not begin installation until substrates have been properly prepared.

3.2   INSTALLATION

A. Install signage holders in locations with mounting types indicated in accordance manufacturer's instructions. Square, plumb, and level units.

B. Install inserts not more than 48 hours prior to Date of Substantial Completion complete with correct copy in place. Conform to ADA requirements for tactile graphics signage.

3.3   CLEANING

A. Clean exposed surfaces not more than 48 hours prior to Date of Substantial Completion in accordance with manufacturer's written cleaning instructions.

3.4 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

3.5 SCHEDULES

A. Refer to Drawings for sizes, sign types, layouts, typestyle, sign text/copy and graphics.

END OF SECTION

Fonts

T1 - Din Offc Bold
Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz
0 1 2 3 4 5 6 7 8 9

T2 - Din Offc Medium
Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz
0 1 2 3 4 5 6 7 8 9

T3 - Din Offc Regular
Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz
0 1 2 3 4 5 6 7 8 9

TN Mark Detail

Red vinyl (match PMS 1795C) to be
Oracal 751 #326 Signal Red,
applied to first surface of glass

White vinyl to be
Oracal 751
#010 White

Blue vinyl (match PMS 534C) to be
Oracal 751 #050 Dark Blue,
applied to first surface of glass

Tennessee Brand Guidelines logo colors:

Red
PMS 1795c

Blue
PMS 534c

60% Gray

P1	P2	P3	P4	P5	P6
Mathews Polyurethane Satin	Mathews Polyurethane Satin	Mathews Polyurethane Satin	Mathews Polyurethane Satin	Mathews Polyurethane Satin	Mathews Polyurethane Satin
White MP	Ramjet Red MP15194 (to match PMS 1795)	Czech Flag Blue MP02306 (to match PMS 534)	match PMS cool gray 9c (to match PMS 60% gray)	MP41335 Adonic Black	Match PMS Warm Gray 1C

V1	V2	V3	V4	V5	V6
ORACAL GRAPHIC FILM	ORACAL GRAPHIC FILM	ORACAL GRAPHIC FILM	3M GRAPHIC FILM Translucent	3M GRAPHIC FILM Translucent	3M GRAPHIC FILM
751 #010 White	751 #326 Signal Red	751 #050 Dark Blue	3630-71 Shadow Gray	7725SE-314 Dusted Crystal	IJ8150 Optically Clear

M1	M2	M3	M4	M5	M6	M7
1/4" thick Tempered Glass	1/8" thick aluminum	3M VHB adhesive tape	1/8" thick clear acrylic	1/4" Aluminum Composite Material	1/4" Acrylic	1/2" PVC Panel
Starphire glass (clear/lead-free)			Optically Clear Lexan or approved equal	White	Optically Clear Lexan or approved equal	White

Colors and Finishes

Aluminum extrusion

Insert (.095 maximum thickness)

Cross Section
Scale: Half

9/16"

Sign Specifications

Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural Satin Anodized Aluminum
Mounting: Panel Clip

Inserts
.040" clear PETG (non-glare) lens/cover

Printed Graphics (by Customer)
Color: Top is White background with Pantone 424C Dark Gray text. Bottom is Pantone 424C Dark Gray field and text is Pantone 420C Light Gray.
Primary Font: Helvetica Neue 65 Medium
Secondary Font: Helvetica Neue 55 Roman

7 1/2"

.906"

5.656" (visible opening)

.906"

5 7/8" (insert width)

7/16"

5" (max text width)

7/16"

Aluminum panel clip
(See dwg. ST-103)

Aluminum extrusion

John McDonald
Office of Finance

20.333A

3/8" min.

1 5/8" (max text height)

2 3/8"

3 1/2"

3/8" min.

1/2"

1 1/8"

5/16"

Laser printed graphics w/ clear lens (printed graphics by customer)

WS1 - Large Workstation Sign
Scale: Half

TN Department of
General Services

Aluminum extrusion

Insert (.095 maximum
thickness)

Cross Section
Scale: half

9/16"

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural
  Satin Anodized Aluminum
Mounting: Panel Clip

Inserts
.040" clear PETG (non-glare)
  lens/cover

7 1/2"

.906" | 5.656" (visible opening) | .906"

5 7/8" (insert width)

7/16" | 5" (max text width) | 7/16"

Aluminum panel clip
(See dwg. ST-103)

Printed Graphics (by Customer)
Color: White background with
  Pantone 424C Dark Gray text.
  For Alternate layout with room
  number, bottom is Pantone
  424C Dark Gray field and text is
  Pantone 420C Light Gray.
Primary Font: Helvetica Neue 65
  Medium

Aluminum
extrusion

John McDonald

3/8" min.

1 5/8"
(max text height)

2 3/8"

3/8" min.

WS2 - Small Workstation Sign
Scale: Half

Laser printed graphics
w/ clear lens (printed
graphics by customer)

John McDonald

20.333A

1/2"

1/2"

1 1/4"

(max text height)

2 3/8"

1 1/8"

5/16"

WS2 - Alternate Layout

2"

.040" Natural Satin Anodized
formed aluminum panel clip

2"

2 3/16"

John McDonald

Aluminum
frame/holder

Workstation Sign Panel Clip
Scale: Half

End View

Aluminum extrusion

Insert (.095 maximum thickness)
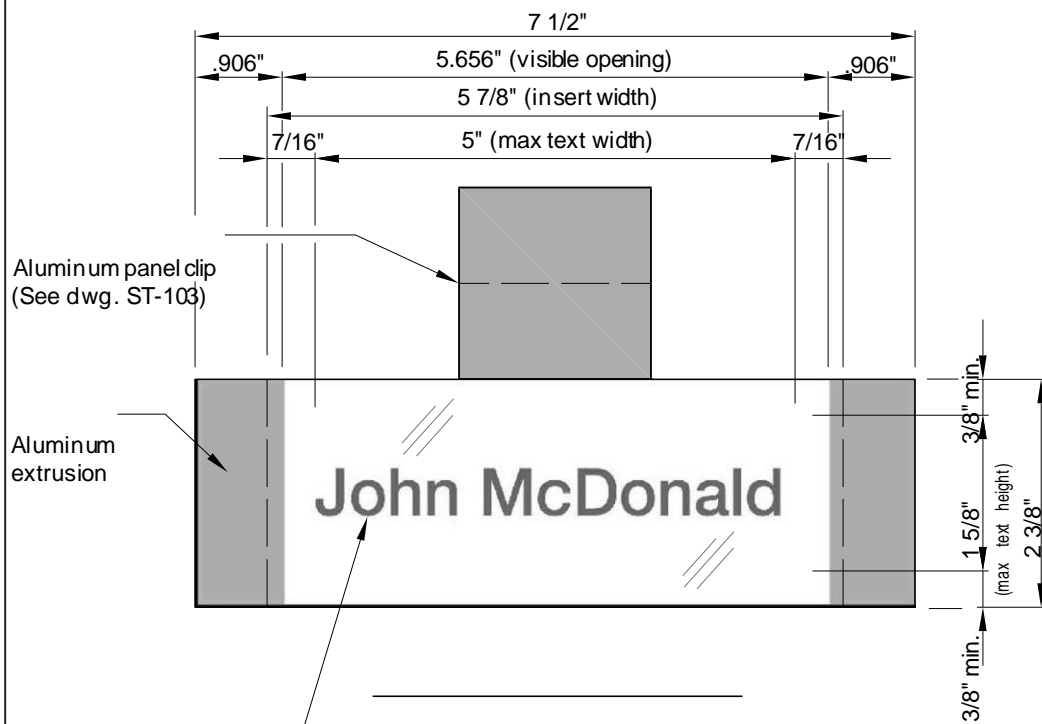
9/16"

Cross Section
Scale: 3" = 1'-0"

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural
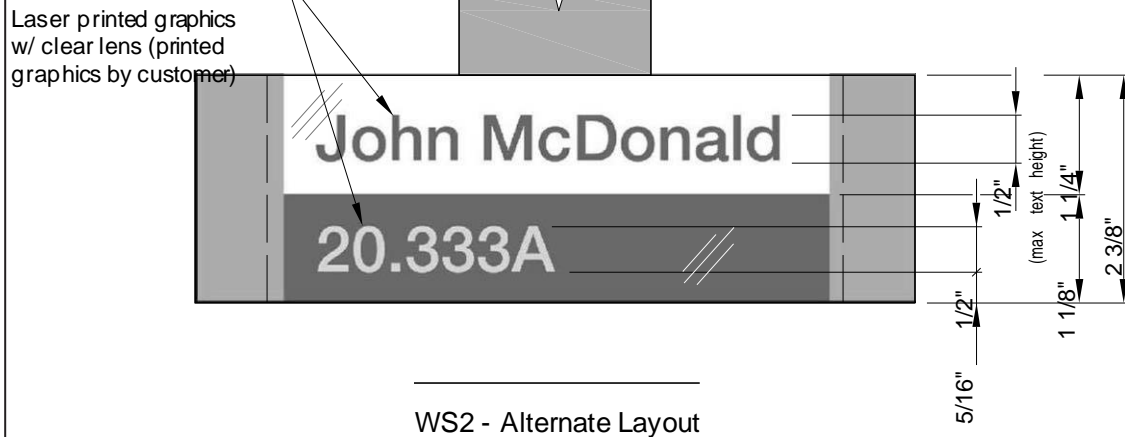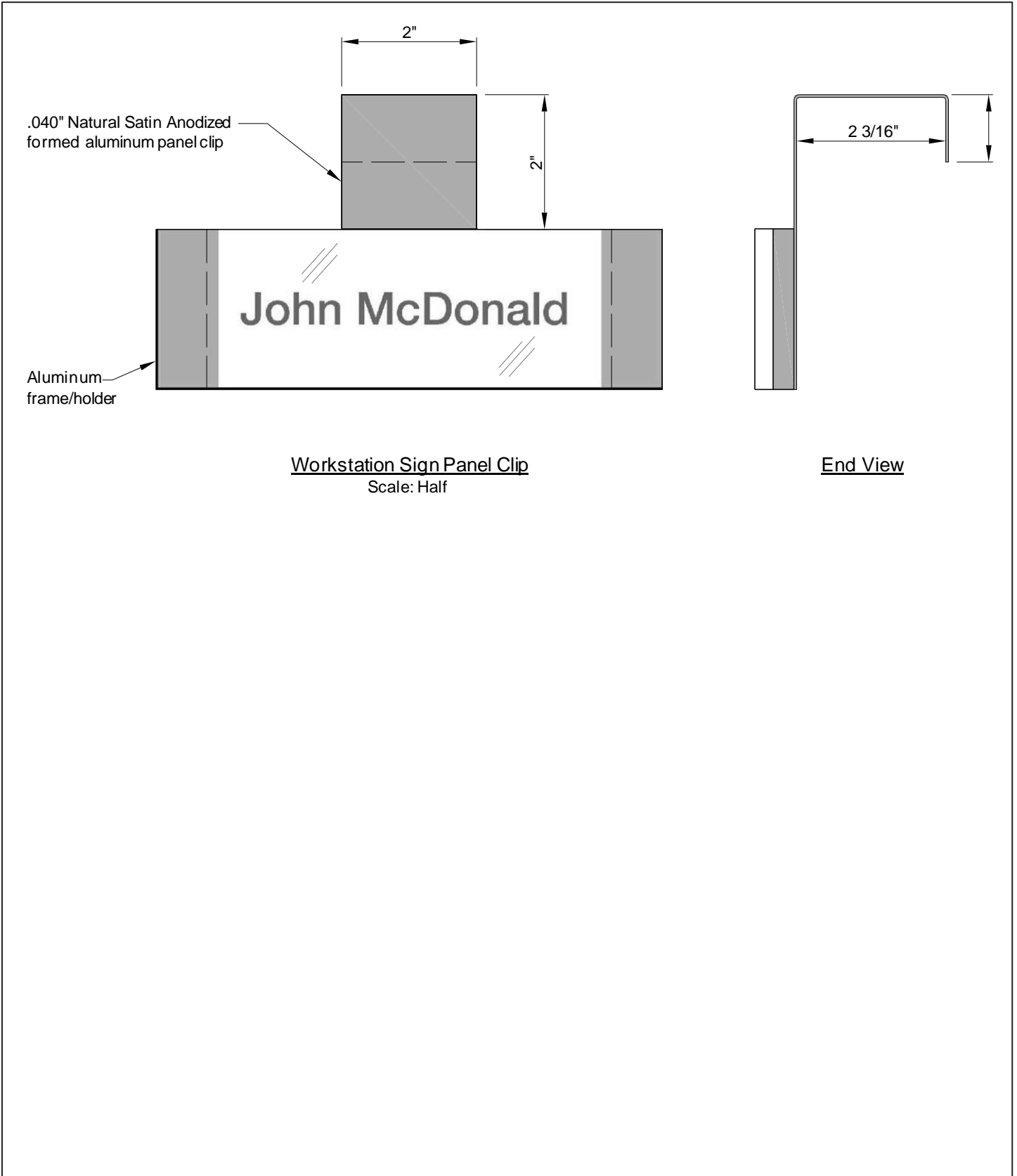 Satin Anodized Aluminum
Mounting: Panel Clip

Inserts
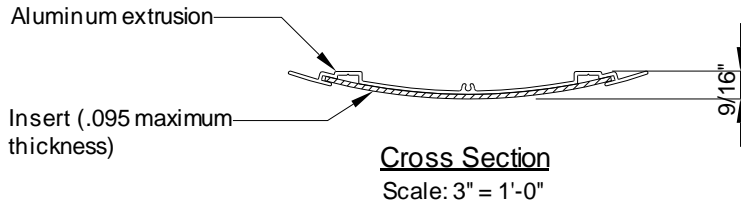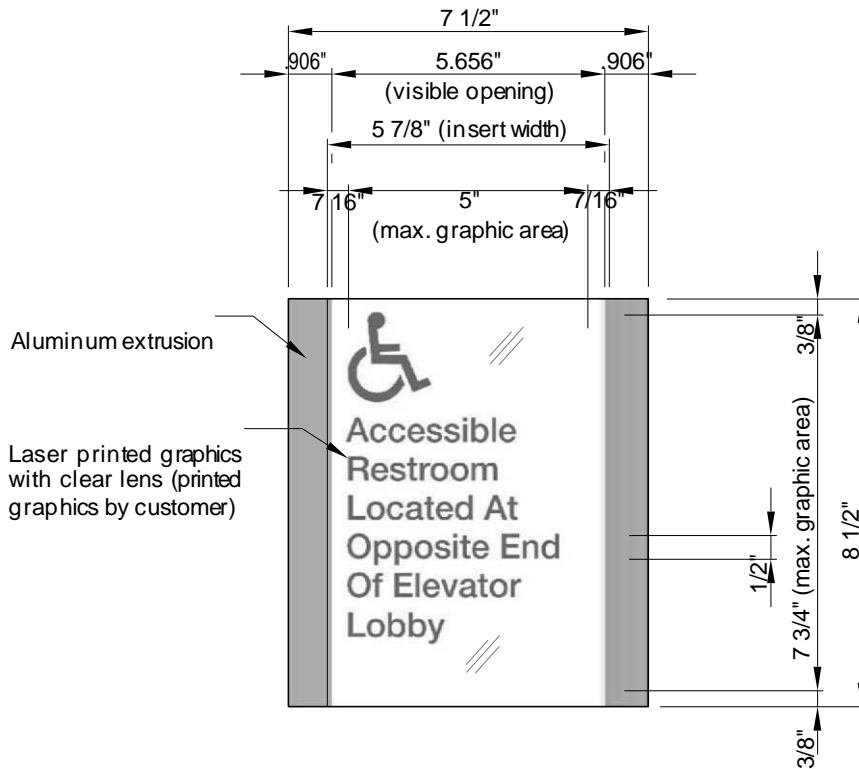.040" clear PETG (non-glare)
 lens/cover

7 1/2"

.906"   5.656"   .906"
(visible opening)

5 7/8" (insert width)

7/16"   5"   7/16"
(max. graphic area)

Printed Graphics (by Customer)

Color: White background with
 Pantone 424C Dark Gray text.
Primary Font: Helvetica Neue 65
 Medium
Secondary Font: Helvetica Neue
 55 Roman

Aluminum extrusion

Laser printed graphics
with clear lens (printed
graphics by customer)

Accessible
Restroom
Located At
Opposite End
Of Elevator
Lobby

3/8"

1/2"

7 3/4" (max. graphic area)

8 1/2"

3/8"

D3 - Small Informational Sign
Scale: 3" = 1'-0"
(Graphics shown for representation only.)

Aluminum extrusion

Insert (.095 maximum thickness)

Cross Section
Scale: 3" = 1'-0"

7/8"

10 3/16"
1.08"
8"
1.08"
8 1/2" (insert width)
1" 6 1/2" (max text width) 1"

Aluminum extrusion

Laser printed graphics w/ clear lens (printed graphics by customer)

Raised graphics

Braille

ADA Band laminated to clear lens

File Room

20.213

1/2" min.
2 1/2" (max text height)
3 1/2"
5 7/8"
1/2" min.
3/4"
2 3/8"
1 1/8"

OS1 - Office / Room / Support Sign
Scale: 3" = 1'-0"

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural Satin Anodized Aluminum
Mounting: Wall or Glass (verify)

Inserts
.040" clear PETG (non-glare) lens/cover

.020" Polyester backed photopolymer ADA Band laminated to clear lens.
Color: Pantone 424C Dark Gray with Pantone 420C Light Gray graphics (Braille color matches background)
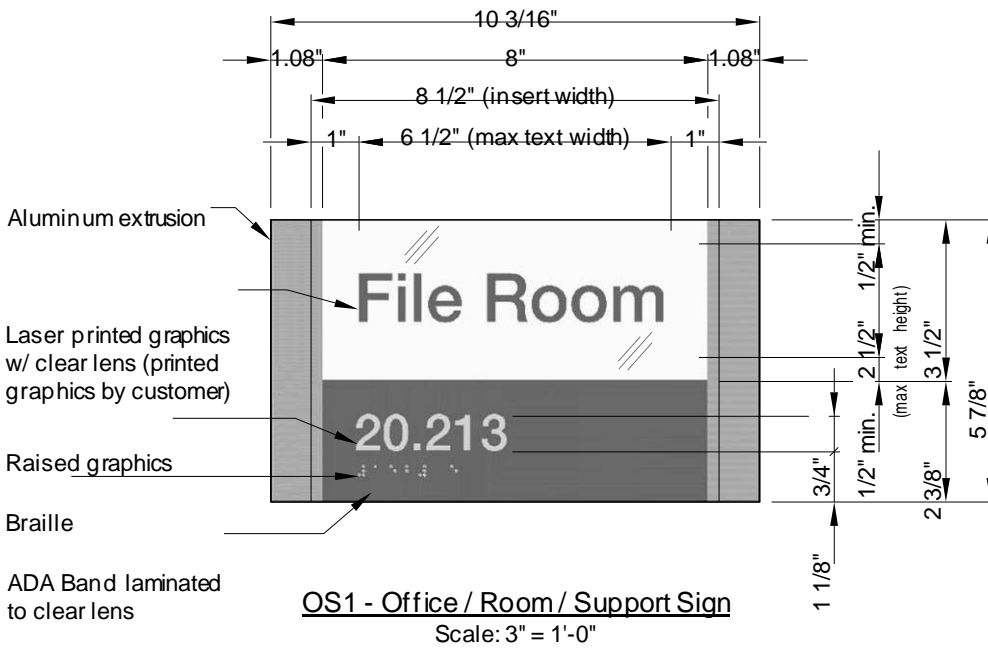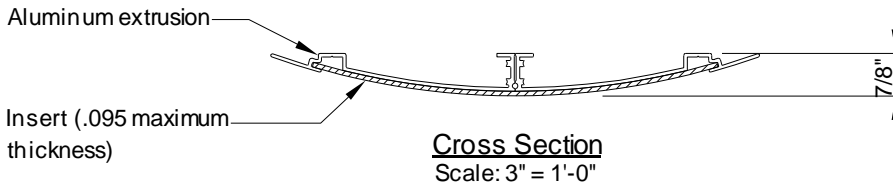Font: Helvetica (verify font meets current ADA requirements)

Printed Graphics (by Customer)
Color: Top is White background with Pantone 424C Dark Gray text.
Primary Font: Helvetica Neue 65 Medium
Secondary Font: Helvetica Neue 55 Roman

Break Room

20.302

OS1 Alternate Layout 2

John Smithson
Deputy Commissioner

20.109

OS1 Alternate Layout 3

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
 Top/Bottom Cap & Optional Panel
  Clip: .040" Natural Satin
  Anodized Aluminum

Inserts
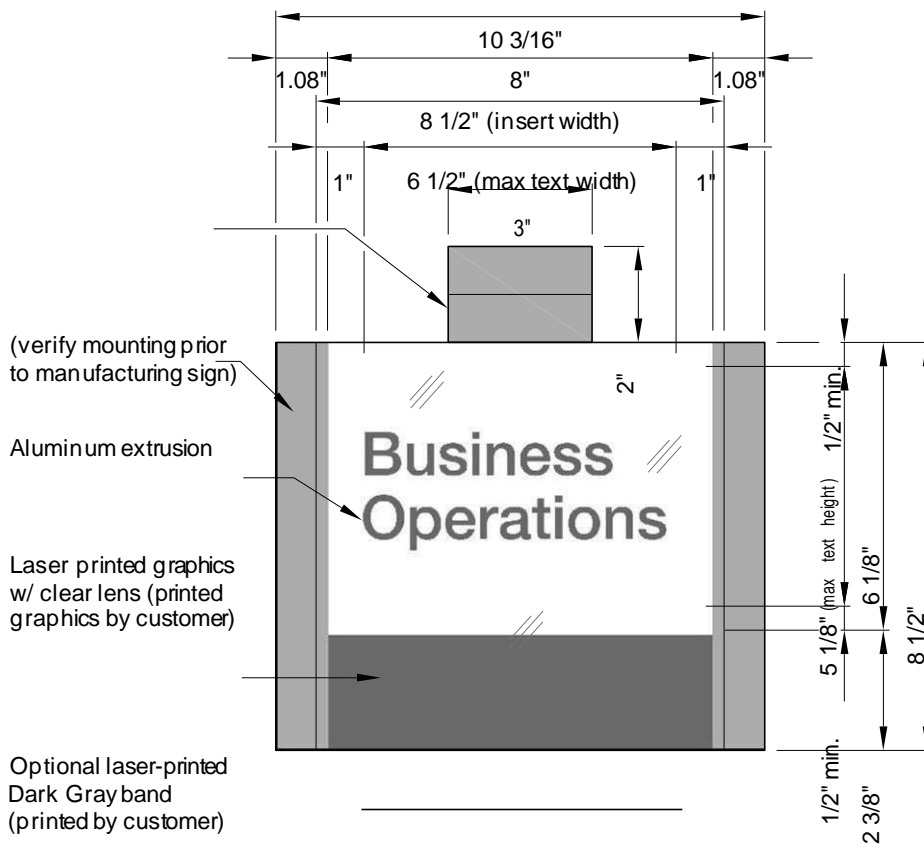.040" clear PETG (non-glare)
 lens/cover

Printed Graphics (by Customer)
Color: White background with
 Pantone 424C Dark Gray text.
 Optional Dark Gray band is

Primary Font: Helvetica Neue 65
 Medium
Secondary Font: Helvetica Neue

55 Roman

Aluminum extrusion

Insert (.095 maximum
thickness)

Cross Section
Scale: 3" = 1'-0"

7/8"

10 3/16"

1.08"   8"   1.08"

8 1/2" (insert width)

1"   6 1/2" (max text width)   1"

3"

2"

1/2" min.

(verify mounting prior
to manufacturing sign)

Aluminum extrusion

Laser printed graphics
w/ clear lens (printed
graphics by customer)

Optional laser-printed
Dark Gray band
(printed by customer)

**Business
Operations**

5 1/8" (max text height)

6 1/8"

8 1/2"

1/2" min.

2 3/8"

2 3/16"

DS1 - Department ID Sign
Scale: 3" = 1'-0"

End View

Aluminum extrusion

Insert (.095 maximum thickness)

7/8"

Cross Section
Scale: 3" = 1'-0"

10 3/16"

1.08"   8"   1.08"

8 1/2" (insert width)

1"   6 1/2" (max text width)   1"

Aluminum extrusion

Laser printed graphics w/ clear lens (printed graphics by customer)

Raised graphics

Braille

Conference Room A

20.230

1/2" min.

4" (max text height)

6 1/8"

8 1/2"

1/2" min.

1 1/8"   3/4"

2 3/8"

CR1 - Conference Room Sign
Scale: 3" = 1'-0"

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural Satin Anodized Aluminum
Mounting: Wall or glass (verify)

Inserts
.040" clear PETG (non-glare) lens/cover

.020" Polyester backed photopolymer ADA Band laminated to clear lens.
Color: Pantone 424C Dark Gray with Pantone 420C Light Gray graphics (Braille color matches background)
Font: Helvetica (verify font meets current ADA requirements)
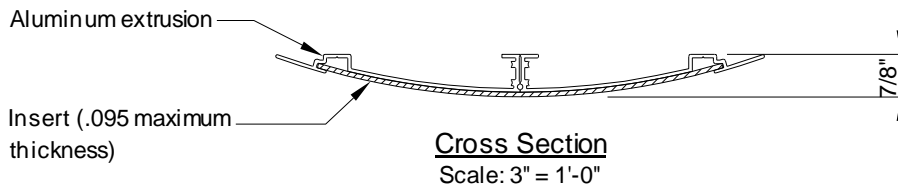
Model ARH80-215, or equivalent version to meet specs.

Printed Graphics (by Customer)
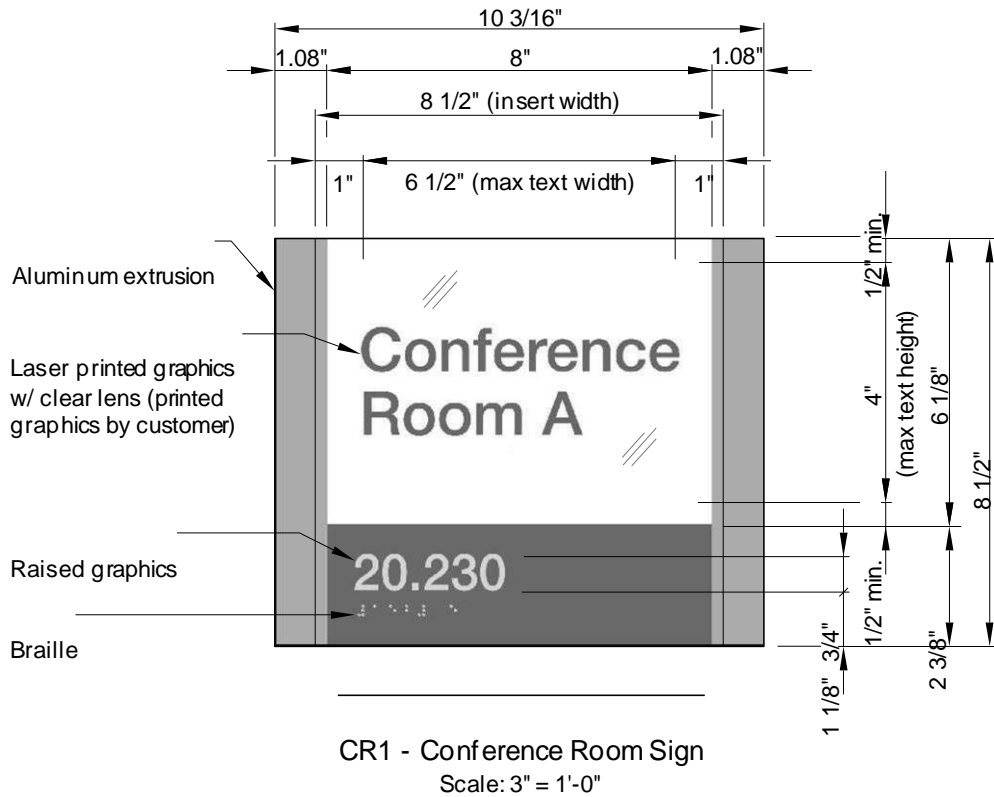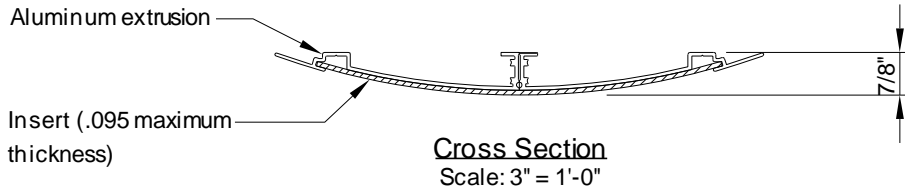Color: White background with Pantone 424C Dark Gray text.
Primary Font: Helvetica Neue 65 Medium
Secondary Font: Helvetica Neue 55 Roman

Aluminum extrusion

Insert (.095 maximum thickness)

7/8"

Cross Section
Scale: 3" = 1'-0"

Sign Specifications

Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural
 Satin Anodized Aluminum
Mounting: Wall

Inserts
.040" PETG with first surface
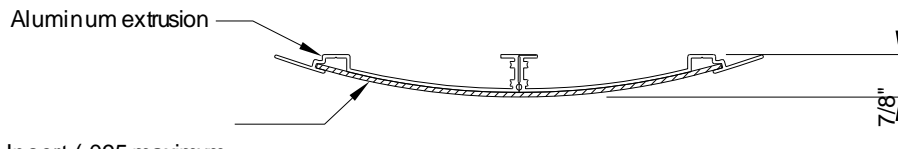 silkscreened pictogram
Color: White background with
 Pantone 424C Dark Gray
 pictogram

ADA Insert 1/16" photopolymer
Color: Pantone 424C Dark Gray
 field and text is Pantone 420C
 Light Gray (Braille color
 matches background)
Font: Helvetica (verify font
 meets current ADA
 requirements)

equivalent version to meet
specs.

10 3/16"

1.08"   8"   1.08"

8 1/2" (insert width)

Aluminum extrusion

Silk screened graphics panel

Raised graphics

Braille

RESTROOM

13/16"

4 1/2"

6 1/8"

8 1/2"

2 1/8"

13/16"

2 3/8"

1 1/8" 11/16"

1 1/8"

RR1 - Restroom Sign (Unisex / Accessible)
Scale: 3" = 1'-0"

Aluminum extrusion

Insert (.095 maximum thickness)

9/16"

Cross Section
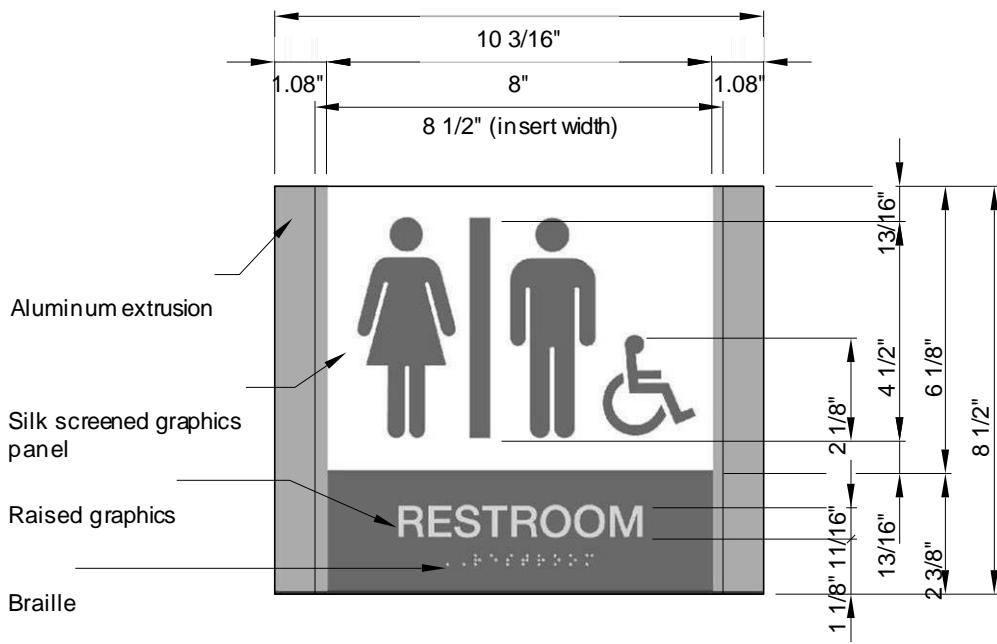Scale: 3" = 1'-0"

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural
 Satin Anodized Aluminum
Mounting: Wall

Inserts
.040" PETG with first surface
 silkscreened pictogram
Color: White background with
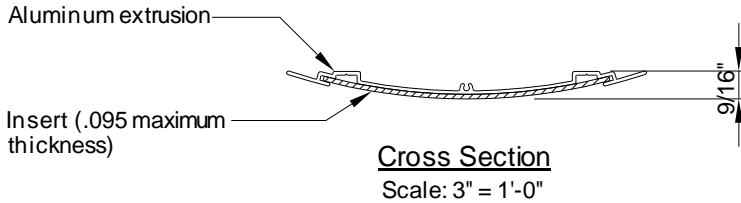 Pantone 424C Dark Gray
 pictogram

ADA Insert 1/16" photopolymer
Color: Pantone 424C Dark Gray
 field and text is Pantone 420C
 Light Gray (Braille color
 matches background)
Font: Helvetica (verify font
 meets current ADA
 requirements)

7 1/2"

.906"   5.656"   .906"
 (visible opening)

5 7/8" (insert width)

Aluminum extrusion

Silk screened graphics panel

Raised graphics

Braille

13/16"

4 1/2"

6 1/8"

8 1/2"

13/16"

2 3/8"

1 1/8" | 11/16"

MEN

RR2 - Restroom Sign (Men)
Scale: 3" = 1'-0"

WOMEN

RR3 - Restroom Sign
(Women)

MEN

RR4 - Restroom Sign
(Accessible Men)

WOMEN

RR5 - Restroom Sign
(Accessible Women)
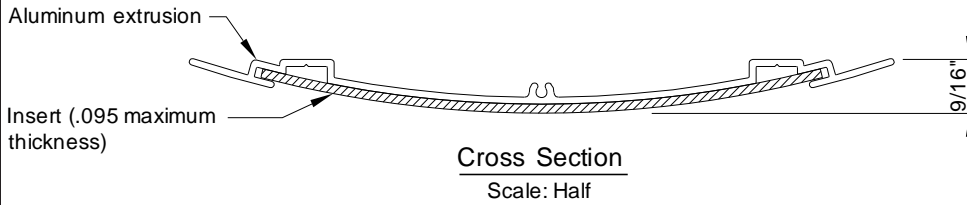
Aluminum extrusion

Insert (.095 maximum
thickness)

Cross Section
Scale: Half

9/16"

7 1/2"

.906"

5.656" (visible opening)

.906"

5 7/8" (insert width)

Aluminum
extrusion

Silk screened
graphics panel

Raised graphics

Braille

1 1/16"

4"

6 1/8"

8 1/2"

1 1/16"

11/16"

2 3/8"

1 1/8"

S1 - Stair Sign
Scale: Half
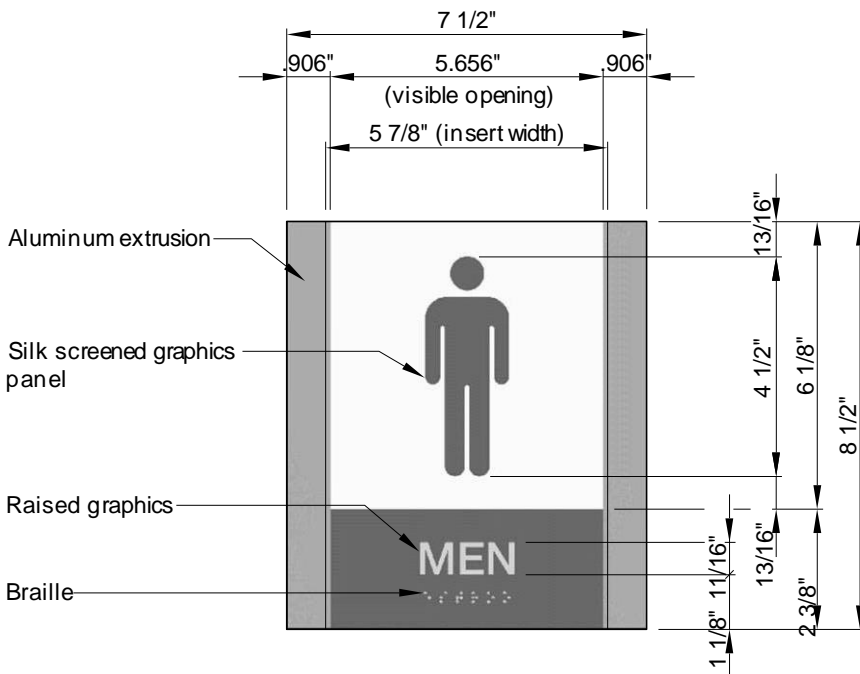
STAIRS

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural
 Satin Anodized Aluminum
Mounting: Wall

Inserts
.040" PETG with first surface
 silkscreened pictogram
Color: White background with
 Pantone 424C Dark Gray
 pictogram

ADA Insert 1/16" photopolymer
Color: Pantone 424C Dark Gray
 field and text is Pantone 420C
 Light Gray (Braille color
 matches background)
Font: Helvetica (verify font
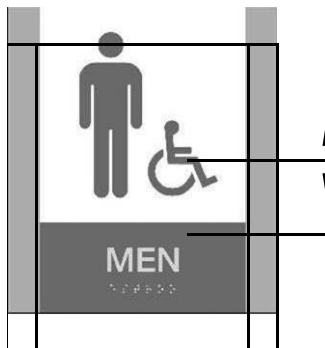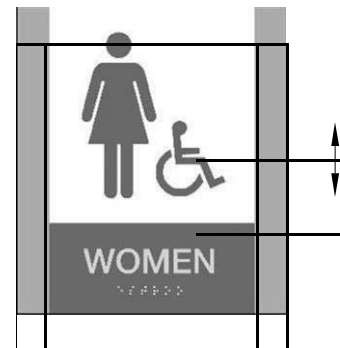 meets current ADA
 requirements)

Department of
General Services

Cross Section
Scale: 3" = 1'-0"

Aluminum extrusion

Insert (.093 maximum thickness)

1"

1'-1"

1.2" 10.595" (visible opening) 1.2"

11" (insert width)

3/4" 9 1/2" (max graphics width) 3/4"

4"

2"

Optional Panel Clip (verify mounting prior to manufacturing sign)

Aluminum extrusion

Laser printed graphics w/ clear lens (printed graphics by customer)

LEGEND
↑ You Are Here
Primary Evacuation Route
Secondary Evacuation Route
▲ Fire Extinguishers
Fire Pulls
Fire Valves

1/2" min.

7 1/2" (max. graphics height)

8 1/2"

11"

EVACUATION MAP

7/8" 3/4"

1/2" min.

2 1/2"

EM1 - Evacuation Map
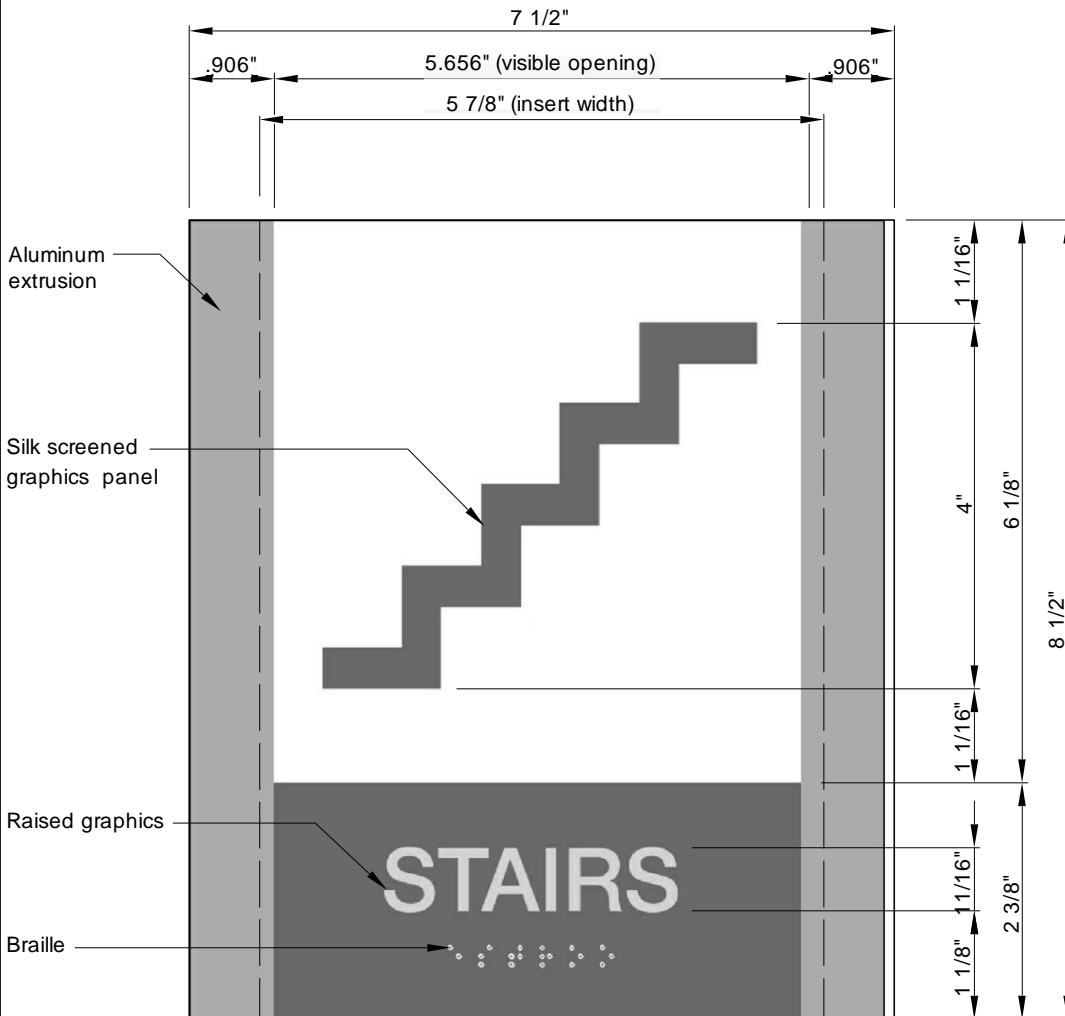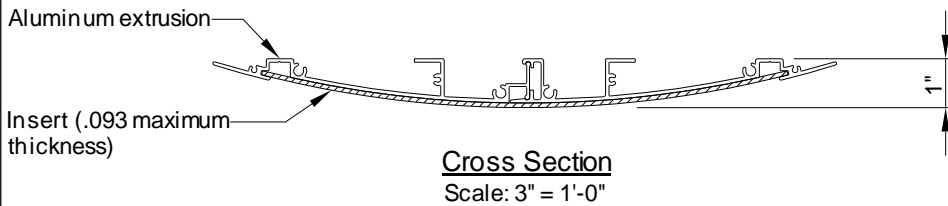Scale: 3" = 1'-0"
Note: Map is for representation only.

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap: .040" Natural Satin Anodized Aluminum
Mounting: Wall or Panel Clip (verify)

Inserts
.040" clear PETG (non-glare) lens/cover

Printed Graphics (by Customer)
Color: Top is White background with laser printed graphics. If desired for consistency, make text Pantone 424C Dark Gray. Bottom Dark Gray band is Pantone 424C with Pantone 420C Light Gray text.
Primary Font: Helvetica Neue 65 Medium
Secondary Font: Helvetica Neue 55 Roman

2"

6" min.

2 3/16"

Attach clip w/ structural adhesive & rivets if req'd

Partial End View

Aluminum extrusion

Insert (.093 maximum thickness)

Cross Section
Scale: 3" = 1'-0"

1'-1"

1.2"   10.595" (visible opening)   1.2"

11" (insert width)

3/4"   9 1/2" (max graphics width)   3/4"

4"

2"

Optional Panel Clip (verify mounting prior to manufacturing sign)

13/16"   2 1/2"

1 3/8" 1 3/8"

Laser printed graphics w/ clear lens (printed graphics by customer)

12th

← OIR Administration

← OIR Conference Room

11/16" typ.   1 3/8" typ.

1" typ.   typ.

→ OIR Financial Management

→ OIR Purchasing

1'-2 1/2"   1'-5"

1 3/16"

2 1/8"

Aluminum extrusion

D1 - Small Directory / Directional Sign
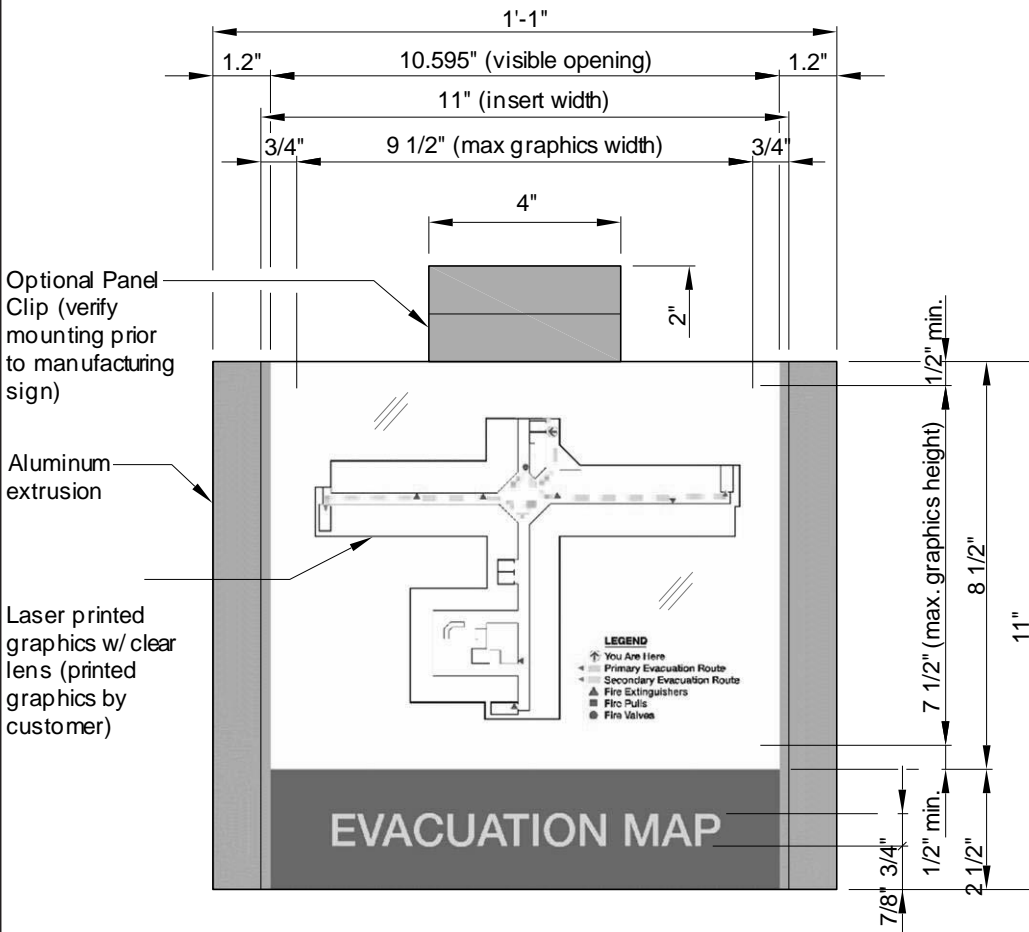Scale: 3" = 1'-0"

Sign Specifications
Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap & Optional Panel
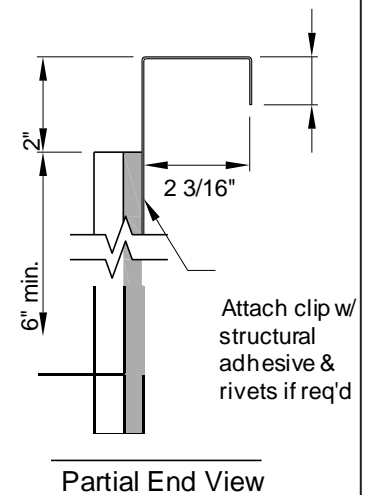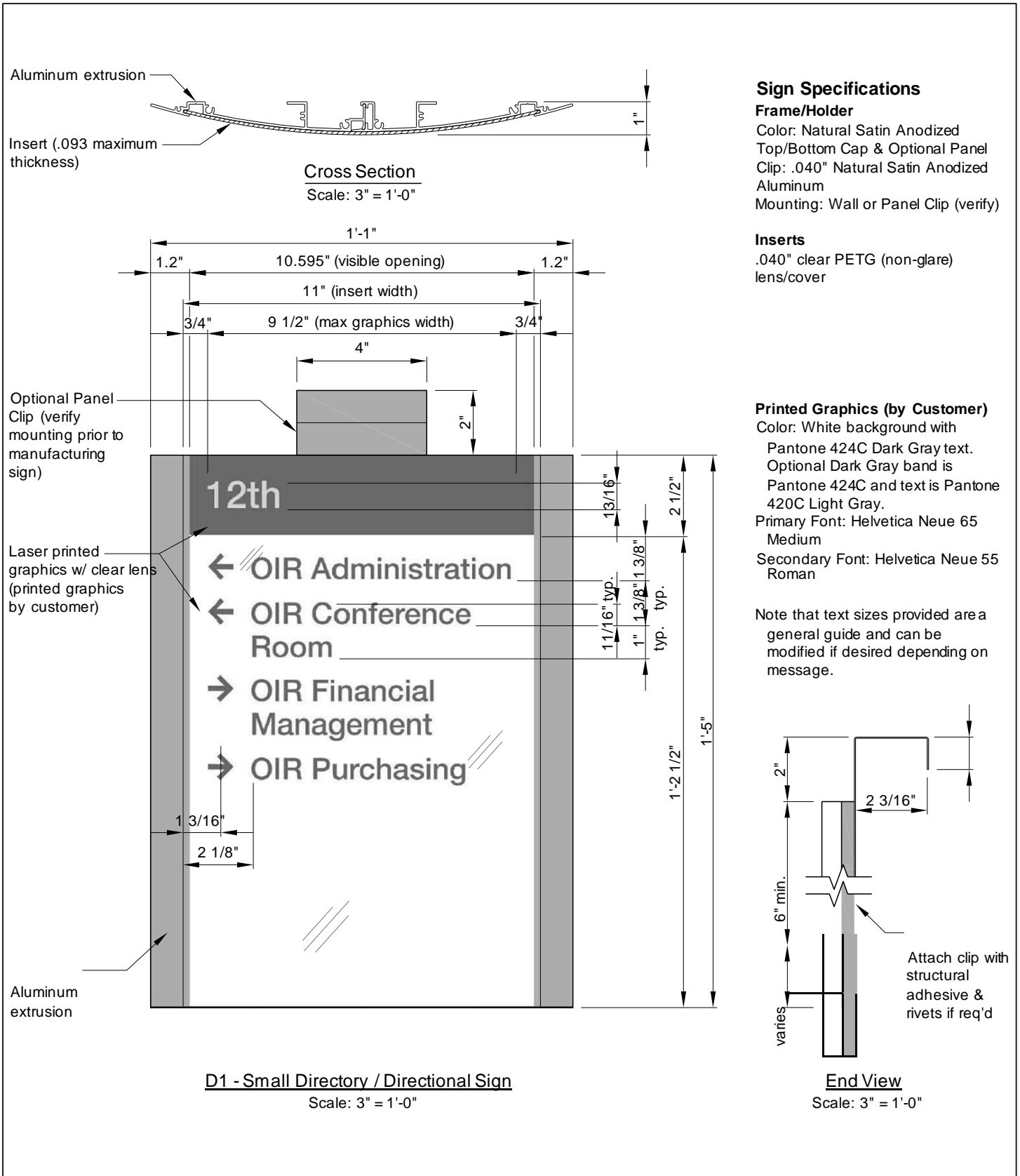Clip: .040" Natural Satin Anodized
Aluminum
Mounting: Wall or Panel Clip (verify)

Inserts
.040" clear PETG (non-glare)
lens/cover

Printed Graphics (by Customer)
Color: White background with
   Pantone 424C Dark Gray text.
   Optional Dark Gray band is
   Pantone 424C and text is Pantone
   420C Light Gray.
Primary Font: Helvetica Neue 65
   Medium
Secondary Font: Helvetica Neue 55
   Roman

Note that text sizes provided are a
   general guide and can be
   modified if desired depending on
   message.

2"

2 3/16"

6" min.

varies

Attach clip with structural adhesive & rivets if req'd

End View
Scale: 3" = 1'-0"

Sign Specifications

Frame/Holder
Color: Natural Satin Anodized
Top/Bottom Cap & Optional Panel
Mounting: Wall

Inserts
.060" clear PETG (non-glare)
lens/cover

version to meet specs.

Printed Graphics (by Customer)
Color: White background with
  Pantone 424C Dark Gray text.
  Optional Dark Gray band is
  Pantone 424C and text is
  Pantone 420C Light Gray.
Primary Font: Helvetica Neue 65
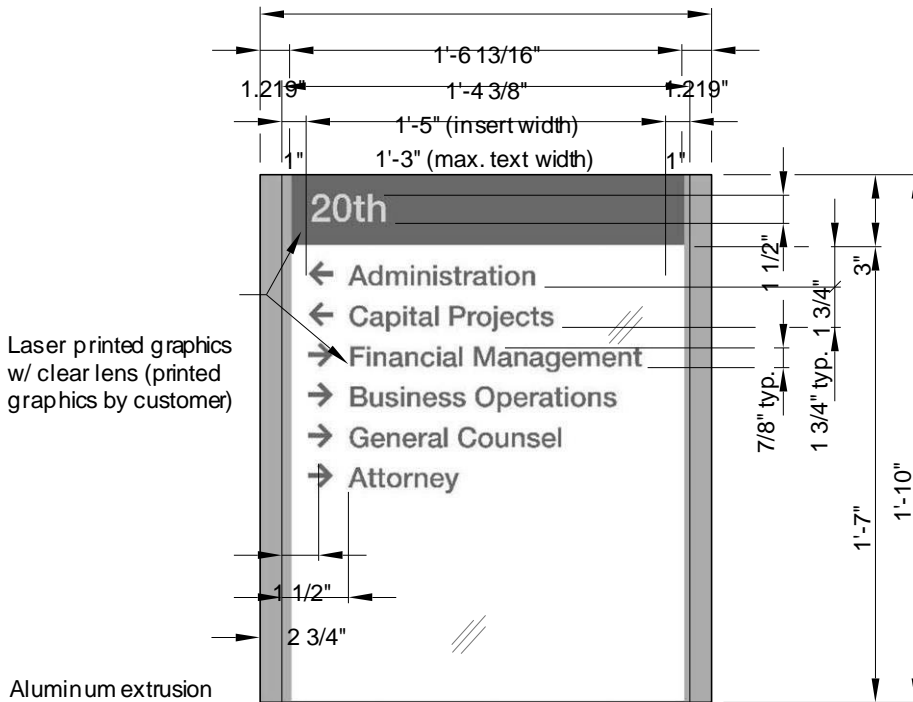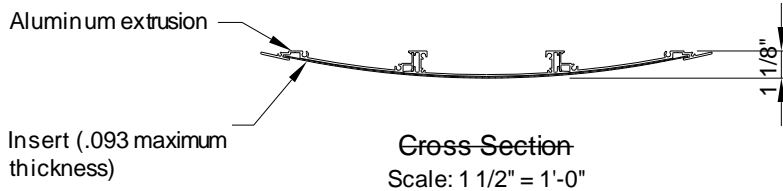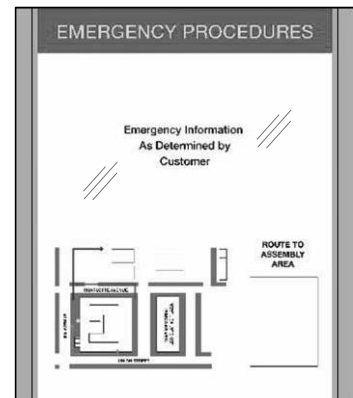 Medium
Secondary Font: Helvetica Neue
  55 Roman

Note that text sizes provided are a
  general guide and can be
  modified if desired depending on
  message.

Aluminum extrusion

Insert (.093 maximum thickness)

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

1 1/8"

1'-6 13/16"
1.219"   1'-4 3/8"   1.219"
1'-5" (insert width)
1"   1'-3" (max. text width)   1"

20th

← Administration
← Capital Projects
→ Financial Management
→ Business Operations
→ General Counsel
→ Attorney

Laser printed graphics
w/ clear lens (printed
graphics by customer)

1 1/2"
1 1/2"
7/8" typ.
1 3/4" typ.
1 3/4"
3"
1'-7"
1'-10"

1 1/2"
2 3/4"

Aluminum extrusion

D2 - Large Directory Sign
Scale: 1 1/2" = 1'-0"

EMERGENCY PROCEDURES

Emergency Information
As Determined by
Customer

ROUTE TO
ASSEMBLY
AREA

Alternate Graphics
(To Be Determined and Provided By Customer)

1'-0"

NORTH STAIR
NO ROOF ACCESS

12

↓ DOWN TO EXIT
DISCHARGE AT
BASEMENT
B THROUGH 12

FLOOR 12 - STAIR A

1" typ.

5"

1'-4"

1'-6"

2"

5/8

S2 - Stairwell Sign
Scale: 3" = 1'-0"
(Text shown for representation only. Verify text before
manufacturing.)

Sign Specifications
Top Plaque:
1/8" acrylic silkscreened with
opaque Pantone 424C Dark
Gray field and white Helvetica
Neue 65 Medium text and
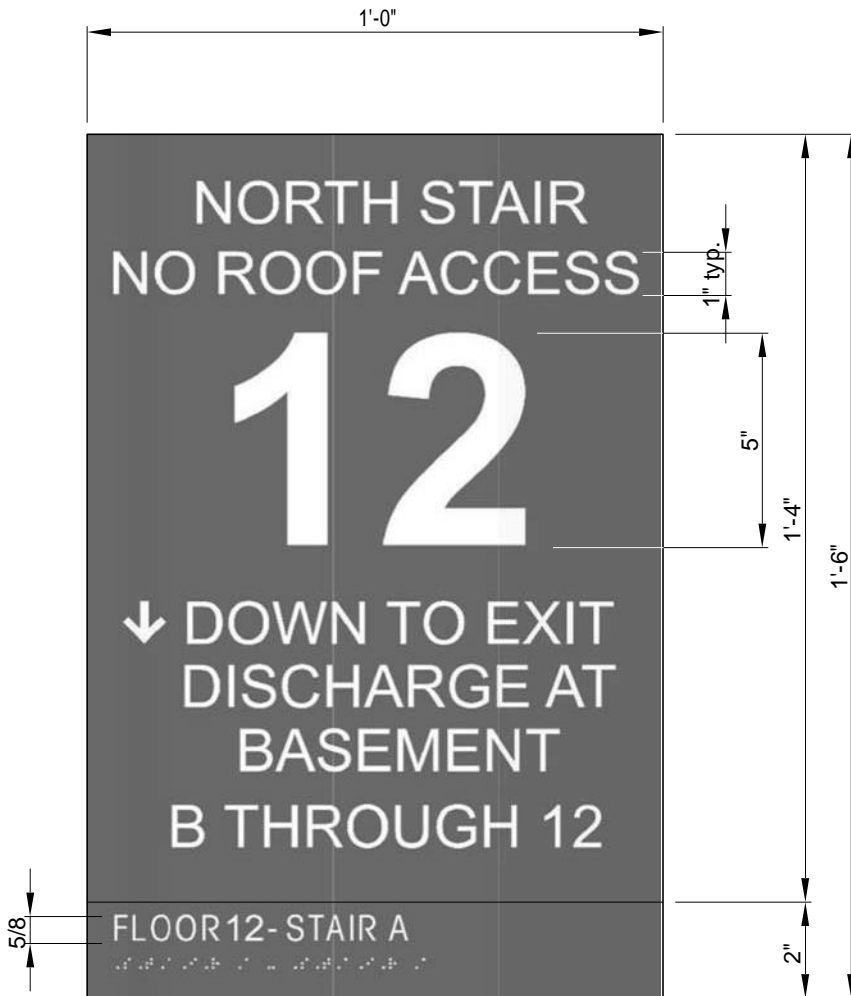Helvetica Bold level number.

Bottom Plaque:
1/8" photopolymer with Pantone
424C Grey field and raised
white Helvetica Regular text,
Braille color matches
background. (verify font meets
current ADA requirements)

Mounting:
Double-sided tape and Silicone
adhesive

Note
Prior to manufacturing, verify that
all local code and fire
department regulations are met.

9"

Printed
Insert

1' -

4' -

3' -

Sign Specifications:

Size: Capable of holding 8.5"x11" printed sign
Material: Steel
Color: Silver
Functionality: Display Literature for a vertical
or horizontal display
Stand with weighted base

Graphic Message and Size: To be
Specified By Customer.
Holder should allow interchangable
paper inserts. Standard Letter Size:
8.5" x 11"

Base finish match sign silver finish

Standing Sign Holder: Enlarged
Scale: NTS

1" 14'-10" 1"

1"

1'-9"

9'-2"

Department of Health   Vital Records

Sign panel to be fabricated from SignComp extrusion #1270
and two 14'-9 3/4" x 1'-8 3/4" aluminum panels @ 1/8" thick;
all exposed surfaces to be painted with a catalyst-hardened
urethane to match Matthews MP04761 Steel Wool

Building Entrance ID
Scale: 1/2" = 1'-0"

Department of
General Services

TN logo to be applied vinyl:

Red (match PMS 1795C) to be Oracal 751C #326 Signal Red

White to be Oracal 751C #010 White Blue

(match PMS 534C) to be Oracal 751C #050 Dark Blue

Rule lines to be applied vinyl:
Oracal 751C #074 Middle Grey

Text to be Oracal 751C #010 White
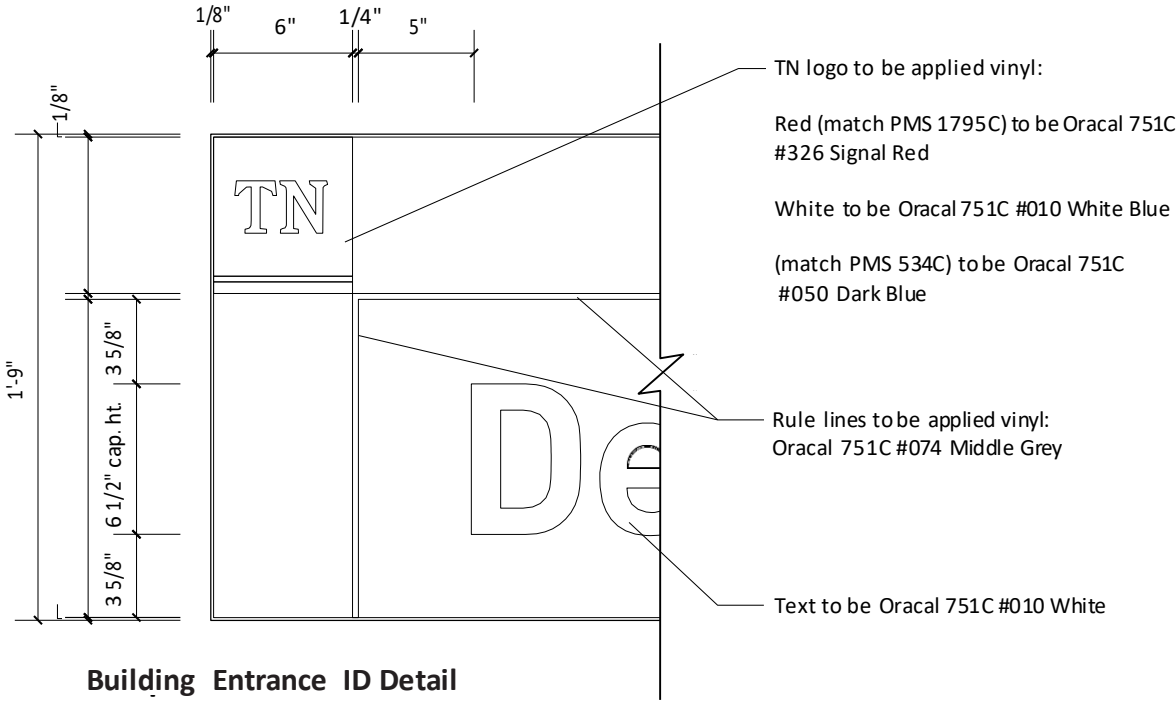
Building Entrance ID Detail
Scale: 1 1/2" = 1'-0"

Anchor type and quantity TBD by fabricator

2" aluminum tube to act as spacer and to keep sign hanging at true vertical; painted to match sign cabinet

SignComp Series 3:
3 1/4" Bleed Body #1270

1/8" aluminum sign face

Rear face of sign to be attached to SignComp extrusion with countersunk fasteners, painted to match (nuts to be welded to extrusion)

Studs to be welded to back of front sign panel, and attached to SignComp extrusion

FRONT   REAR

Sign Panel/Extrusion Section

1'-6 3/4"

Red vinyl (match PMS 1795C) to be
Oracal 751C #326 Signal Red

White vinyl to be Oracal 751C #010 White (LARGE
WHITE RECTANGLE TO BE APPLIED SO THAT ONLY
WHITE IS VISIBLE FROM THE INTERIOR)

Blue vinyl (match PMS 534C) to be
Oracal 751C #050 Dark Blue

10"

TN Department of
Health | Vital Records

Hours: 8:00am–4:00pm M,W,F
8:00am–6:00pm T,Th

Copy and rule lines to be
Oracal 751C #010 White

NOTE: ALL VINYL TO BE APPLIED TO SECOND SURFACE OF GLASS

Building Entrance Door Graphics
Scale: 3" = 1'-0"

EQ.   EQ.

TN Department of
Health | Vital
Records

Hours: 8:00am–4:00pm   M,W,F
8:00am–6:00pm   T, Th

4'-6"

Building Entrance Door Graphics

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

1'-2"

1 1/2"   1'-01/2"

1 1/2"

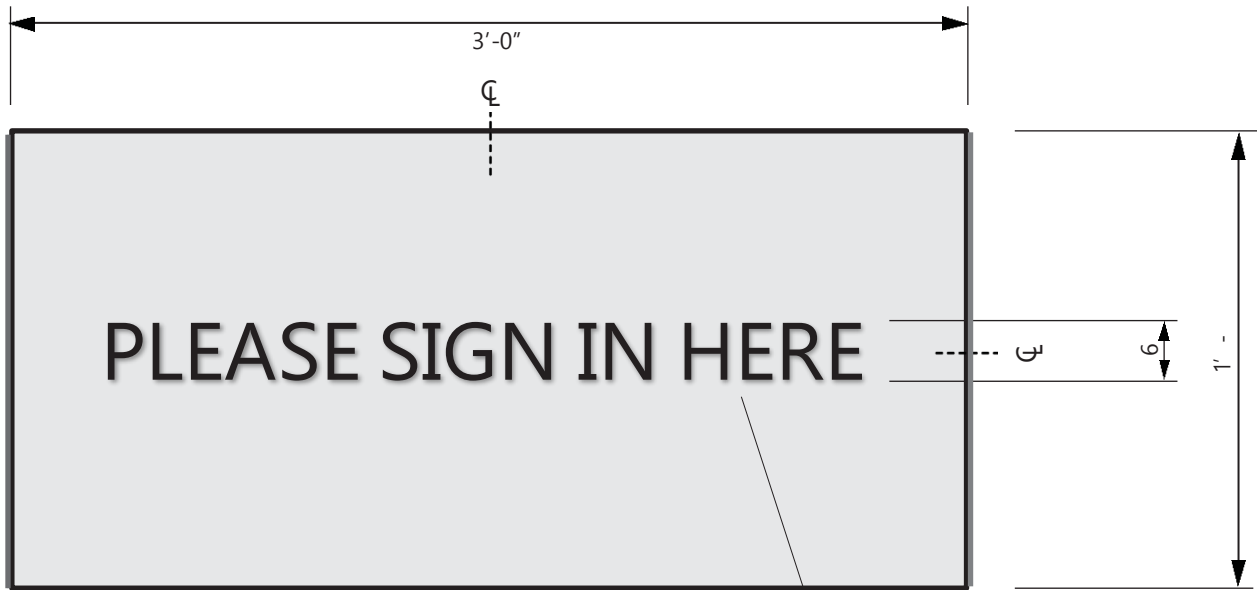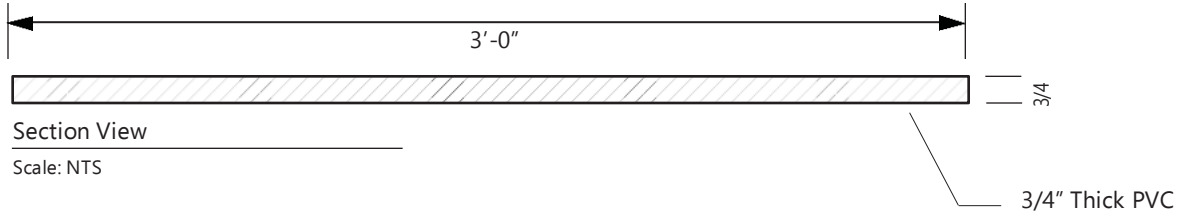10"

8 1/2"

← **Vital Records**
Use west building entrance
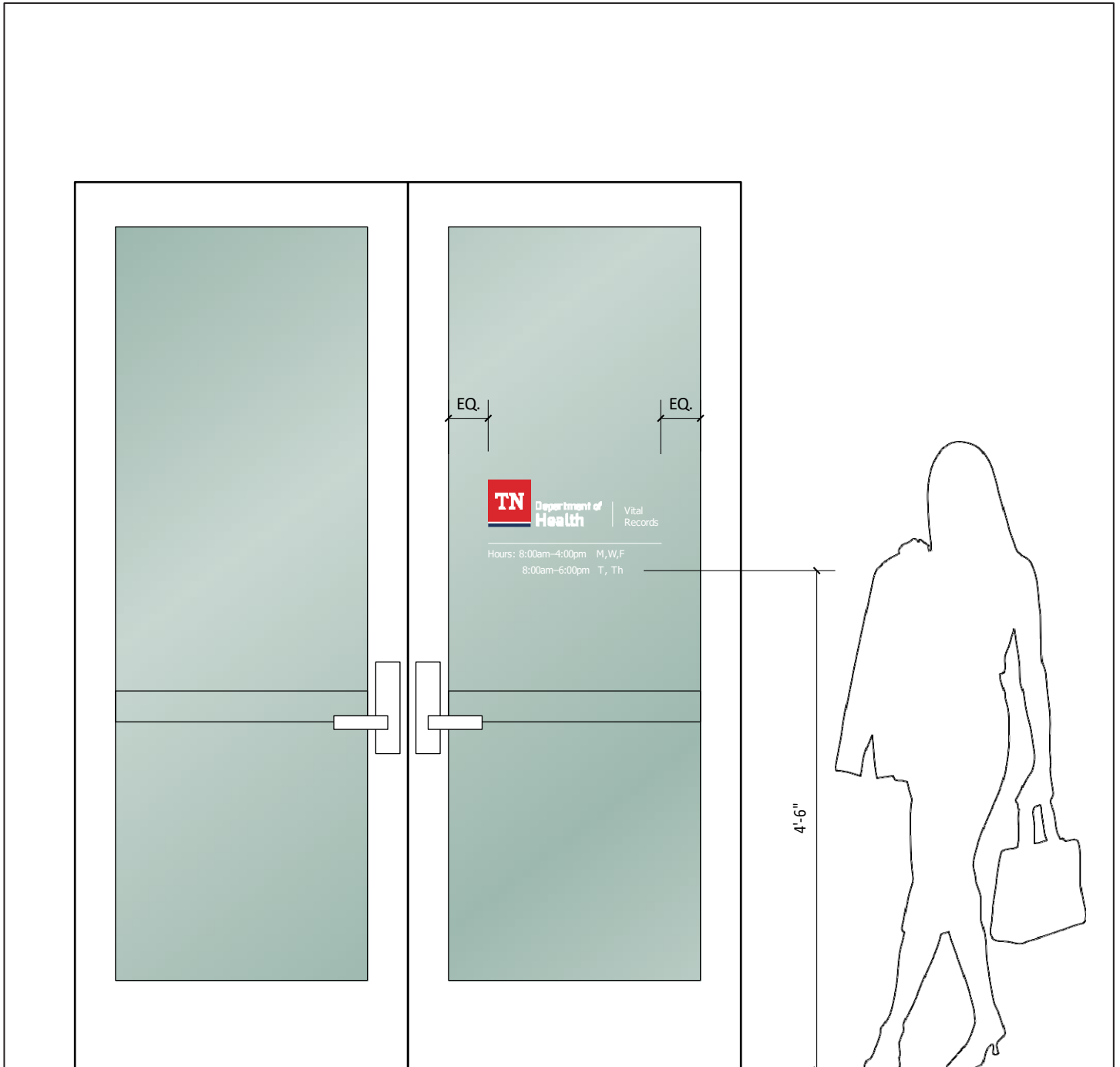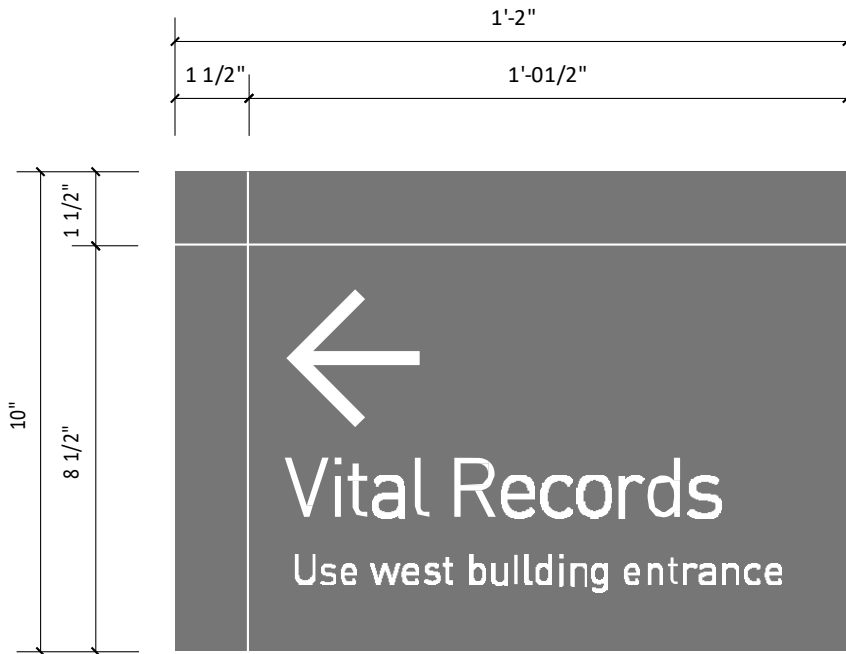
Front Door Directional
Scale: 3"= 1'-0"

Sign panel to be .090 aluminum;
attachment to building to be with
adhesive only, or with studs welded
to back face (holes must be able to
be patched later with very low
visibility)

Paint: catalyst-hardened urethane to
match Matthews MP04761 Steel Wool

Copy/arrow: Oracal 751C #010 White
Rule lines: Oracal 751C #074 Middle Grey

3'-0"

3/4

Section View
Scale: NTS

3/4" Thick PVC

3'-0"

℄

PLEASE SIGN IN HERE

℄

6

1' -

Hanging Sign Detail
Scale: NTS

Graphic Message and Size: To Be
Specified By Customer
For Reference Only: (See General Notes)
Color: Black with uppercase white, vinyl
copy on both sides
Copy to read: Please Sign In Here

General Notes:

Sign fabricator/installer to coordinate with facility management for each
building for installation of all sign components. Sign fabricator is responsible
for compliance with all applicable state and local codes. Sign fabricator to
verify all mounting surfaces for signage and graphics by field survey prior to
fabrication and notify Architect of all conditions affecting fabrication and
installation of signage and graphics. Coordinate with facility management
for required removal of any existing signage and any required patch/repair to
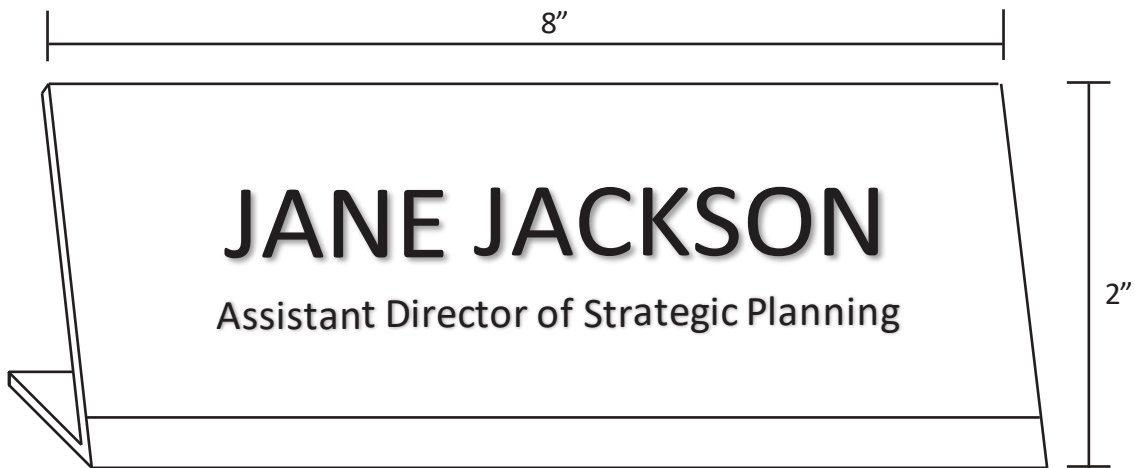scheduled wall surface.

All graphic film locations shall be installed in accordance with manufacturer's
instructions and free from distortion, bubbling, and delamination from
applied surface. Graphic film and graphic film die-cut letters shall be
warranted for 5 years against delamination from the substrate.
Text shown for layout purposes. Actual text as scheduled. Message schedule
to be verified and approved by Owner prior to fabrication.

Nominal dimensions provided for reference. Unless otherwise noted,
overhead and projected signs are to be mounted at minimum 80" AFF
clearance to bottom of sign. Unless otherwise noted for signs mounted to
glass, provide same size and shape vinyl backer, to match sign, mounted to
opposite side of glass, to conceal sign attachment. Sign needs to be capable
of being hung on a ceiling grid and a hard ceiling.

8"

JANE JACKSON
Assistant Director of Strategic Planning

2"
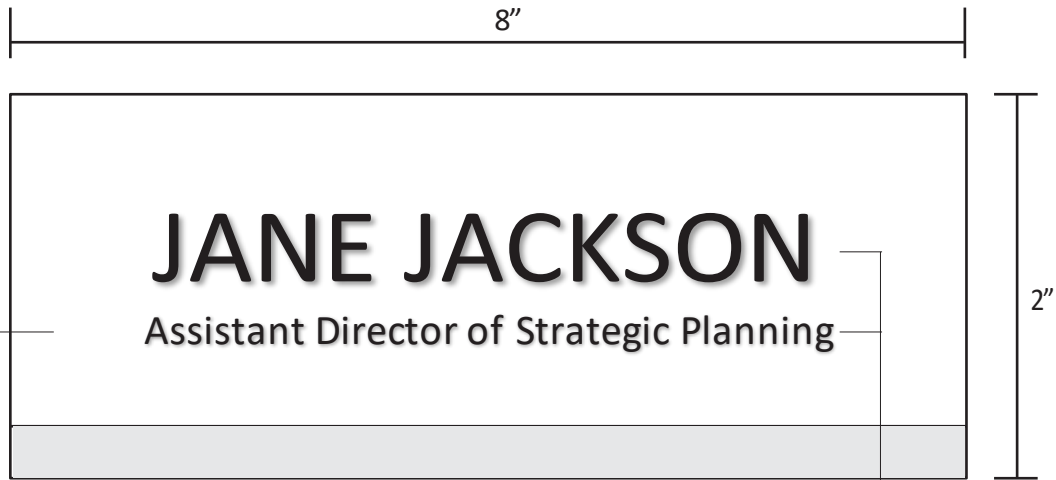
Silver/Aluminum Finish

Text For Reference Only
Graphic Message to Be Specified
By Customer- Size according to
Length of text
Send proof before procurement

8"

JANE JACKSON
Assistant Director of Strategic Planning

2"

Department of
General Services

FRONT
SCALE: NOT TO SCALE

SIDE
SCALE: NOT TO SCALE

BACK
SCALE: NOT TO SCALE

Visitor Parking
Employee Parking
by Permit Only

2"
[51mm]
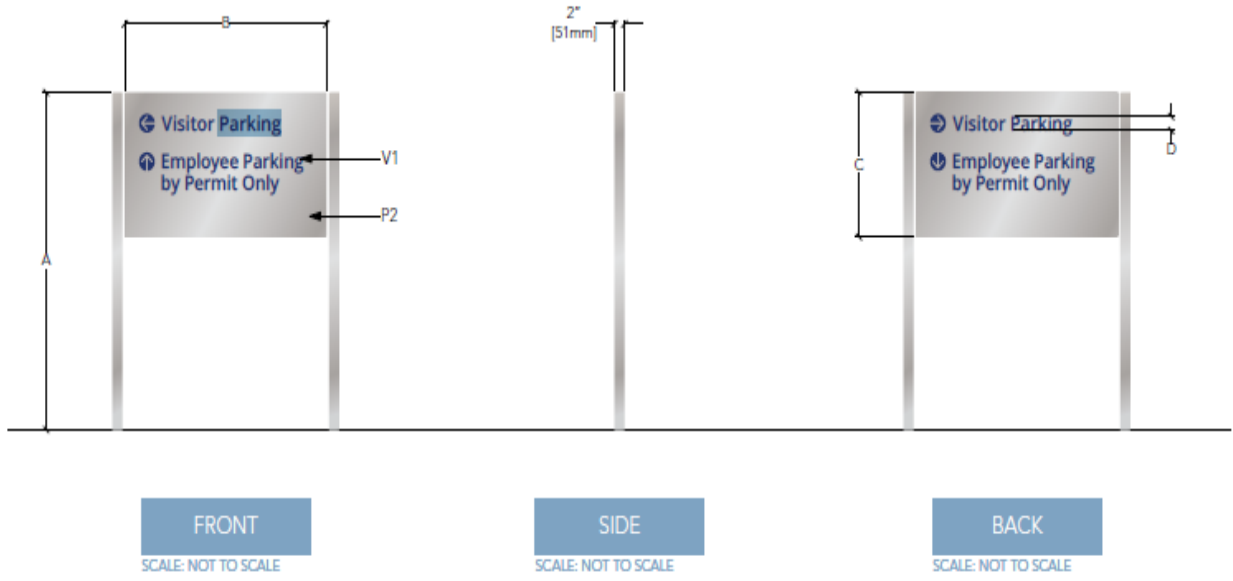
NOMENCLATURE	A	B	C	D	E	F	G	H	I	SQ. FT.
TNSG-PPL-003-NL-DF-028H*	2'-4" [711mm]	1'-8" [508mm]	1'-0" [305mm]	1.2" [30mm]	-	-	-	-	-	3.89
TNSG-PPL-004-NL-DF-042H*	3'-6" [1067mm]	2'-6" [762mm]	1'-6" [457mm]	1.8" [46mm]	-	-	-	-	-	8.75
TNSG-PPL-005-NL-DF-056H*	4'-8" [1422mm]	3'-4" [1016mm]	2'-0" [610mm]	2.4" [61mm]	-	-	-	-	-	15.56

TN Department of
General Services

1'-0"
[305mm]

Anyone
Entering
Premises is
Subject to
Search and
Seizure

1.2"
[30mm]

1.66"
[42mm]

General
Services
Parking
Only

1.66"
[42mm]

1.66"
[42mm]

TLETA
Property — P5
No
Trespassing — V1
Closed &
Hazardous
Training Area

1.2"
[30mm]

0.92"
[23mm]

0.090"
[2mm]

1'-6"
[457mm]

6'-0"
[1829mm]

FRONT
SCALE: NOT TO SCALE

SIDE
SCALE: NOT TO SCALE

BACK
SCALE: NOT TO SCALE

Lowell Thomas State Office Building

FRONT
SCALE: NOT TO SCALE

SIDE
SCALE: NOT TO SCALE

3"
[76mm]

P4

NOMENCLATURE	A	B	C	D	E	F	G	H	I	SQ. FT.
TNSG-LTR-001-IL-SF-006H	6" [152mm]	12'-5.69" [3802mm]	1.25" [32mm]	-	-	-	-	-	-	6.24
TNSG-LTR-002-IL-SF-008H	8" [203mm]	16'-7.58" [5069mm]	1.67" [42mm]	-	-	-	-	-	-	11.09
TNSG-LTR-003-IL-SF-010H	10" [254mm]	20'-9.48" [6337mm]	2.09" [53mm]	-	-	-	-	-	-	17.33
TNSG-LTR-004-IL-SF-012H	1'-0" [305mm]	24'-11.38" [7604mm]	2.5" [64mm]	-	-	-	-	-	-	24.95
TNSG-LTR-005-IL-SF-014H	1'-2" [356mm]	29'-1.27" [8871mm]	2.92" [74mm]	-	-	-	-	-	-	33.96
TNSG-LTR-006-IL-SF-016H	1'-4" [406mm]	33'-3.17" [10139mm]	3.34" [85mm]	-	-	-	-	-	-	44.35

1'-8"
[508mm]

7.24"
[184mm]

V2
V1

V4

1.65"
[42mm]

5'-0"
[1524mm]

FRONT

SCALE: NOT TO SCALE

1'-8"
[508mm]

5.75"
[146mm]

V2

1.25"
[32mm]

V1

V4

5'-0"
[1524mm]

FRONT

SCALE: NOT TO SCALE