

1.0 QUALITY ASSURANCE

Include quality assurance requirements below which are consistent with the size and scope of the project and extent of work of this section. Only request qualification statements you intend to review, and which are necessary to establish qualifications of the product, manufacturer, or installer.

- A. Supplier: Obtain all products in this section from a single supplier.
- B. Regulatory Requirements: Products shall meet requirements of the Americans With Disabilities Act Accessibility Guidelines (ADAAG) and local amendments and modifications.
- C. Installer: Installation shall be performed by installer specialized and experienced in work similar to that required for this project.

1.1 SUBMITTALS

- A. Submit in accordance with requirements of Division 1.
- B. Product Data: Submit product data for specified products. Include material details for each sign specified.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, anchorage, and accessories.
- D. Samples: Submit selected colors for verification purposes.
- E. Installation: Submit supplier's installation instructions.
- F. Closeout Submittals:
 - 1. Submit operation and maintenance data for installed products, including precautions against harmful cleaning materials and methods.
 - 2. Submit warranty documents specified herein.

1.2 DELIVERY, STORAGE, AND HANDLING

- A. Comply with requirements of Division 1.
 - 1. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
 - 2. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - 3. Store products protected from weather, temperature, and other harmful conditions as recommended by supplier.
 - 4. Handle products in accordance with manufacturer's instructions.

1.3 WARRANTY

- A. Project Warranty: Comply with requirements of Division 1.
- B. Manufacturer's Warranty: Submit manufacturer's standard warranty document executed by authorized company official.
 - 1. Warranty Period: 2-year warranty on parts. 10-year supplemental guarantee - within 10 years of delivery by ASI-Modulex of products from main/first order, ASI-Modulex guarantees to be able to make supplementary deliveries of products. 1-year on installation.



2.0 SIGNAGE SYSTEMS

- A. Acceptable Manufacturers:
 - 1. ASI-Modulex, Attn: Matt Cicco 10501 S. Orange Avenue, Suite 119, Orlando, FL 32824
P: 407-472-5543 F: 407-472-5643
 - 2. Substitutions: Submit in accordance with Section 01600.
- B. Acceptable Product: PACIFIC Interior, changeable curved face aluminum sign.

2.1 FABRICATION - GENERAL

- A. General: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.
- B. Preassemble signs in the shop to the greatest extent possible to minimize field assembly. Disassemble signs only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation, in a location not exposed to view after final assembly.
- C. Conceal fasteners if possible; otherwise, locate fasteners to appear inconspicuous.
- D. Form panels to required size and shape. Comply with requirements indicated for design, dimensions, finish, color, and details of construction.
- E. Coordinate dimensions and attachment methods to produce message panels with closely fitting joints. Align edges and surfaces with one another in the relationship indicated.

2.2 SIGNAGE MATERIALS / COMPONENTS

- A. Materials and Components:
 - 1. Aluminum Panels: Extruded aluminum, alloy 6063, .75 mm thick, with high temperature cured polyester color coating.
 - 2. Face Components:
 - a) ADA Ready™ Panels: Aluminum based Intouch™ photopolymer tactile and Braille characters with high temperature cured polyester color coating.
 - b) Graphic Panels: High strength, cold rolled, 1/32" (0.75 mm) aluminum alloy with high temperature cured polyester coating.
 - 3. Inhouse™ Updatable Modules: varies per sign type.
 - 4. Supports, Fixtures, and End Caps: As required for a complete and finished installation.
 - 5. Mounting Hardware (Wall Rails): Extruded aluminum, alloy 6063, track type rail mounted to wall with manufacturer recommended mechanical fasteners.
- B. Surface Treatment Finish: Manufacturer's standard two phase finishing process. Colors as selected from manufacturer's standard colors.
 - 1. Phase One: Chromatized priming with 2u depth chrome layer for optimum surface coat adhesion and weatherability.
 - 2. Phase Two: Painting process employing two component, water based, non toxic, lead free, zero emissions, high temperature cured polyester coating of 20 30u depth.

2.3 REORDERING

- A. The ASI-Modulex Online Ordering Service (OOS) is a powerful, intuitive, web-based system which streamlines the often complex process of ordering incremental signage without compromising brand integrity. On time and correct or it is free. <https://orders.asimodulex.com/asi/>.



Specification

3.0 EXAMINATION

- A. Site Verification of Conditions: Verify installation conditions previously established under other sections are acceptable for product installation in accordance with manufacturer's instructions.
- B. Scheduling of installation by Owner or it's representative implies that substrate and conditions are prepared and ready for product installation. Proceeding with installation implies installer's acceptance of substrate and conditions.

3.1 INSTALLATION

- A. Install product in accordance with supplier's instructions.
- B. Install product in locations indicated using mounting methods recommended by sign manufacturer and free from distortion, warp, or defect adversely affecting appearance.
- C. Install product level, plumb, and at heights indicated.
- D. Install product at heights to conform to Americans with Disabilities Act Accessibility Guidelines (ADAAG) and applicable local amendments and regulations.
- E. Install signs within the following tolerances and in accordance with manufacturer's recommendations:
 - 1. Interior Signs: Within 1/4 inch vertically and horizontally of intended location.

3.2 CLEANING, PROTECTION, AND REPAIR

- A. Repair scratches and other damage which might have occurred during installation. Replace components where repairs were made but are still visible to the unaided eye from a distance of 5 feet.
- B. Remove temporary coverings and protection to adjacent work areas. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project in accordance with provisions in Division 1.

3.3 SIGN SCHEDULE

- A. Schedule: Refer to signage schedule for location id, sign types, message and notes.
- B. See example of schedule layout.

Signage Schedule			
Location ID	Sign Type	Copy To Read	Notes

LEVEL 1

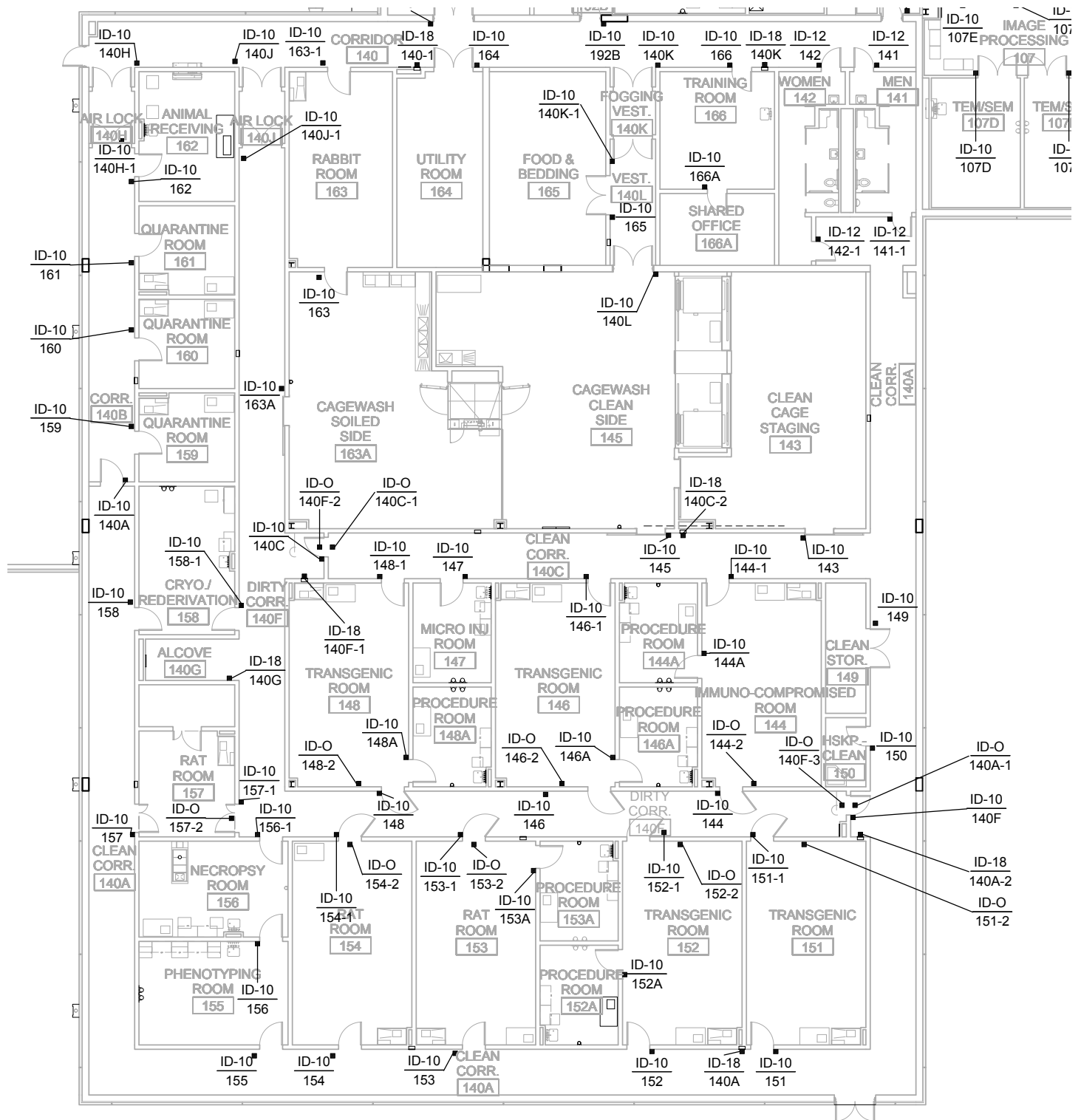
100D	ID-10	100D	NOTE 1
101	ID-10	101	NOTE 1
101A	ID-10	101A	NOTE 1
101B	ID-10	101B	NOTE 1
101C	ID-10	101C	NOTE 1
101D	ID-10	101D	NOTE 1



Specification

3.4 FLOOR PLANS

- A. Plans: Refer to floor plans for location id and sign type.
- B. See example of floor plan.



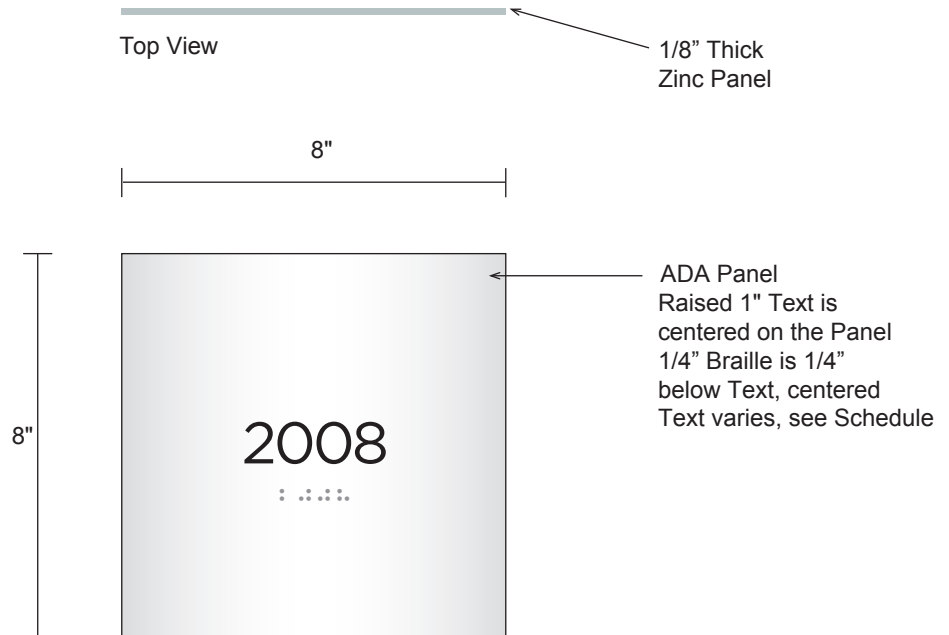
3.4 SIGN TYPES

ID09	Product: Size: Usage:	ASI-Modulex Sign Etch Series 1 Exterior Wall Sign 8" (w) X 8" (h) ADA Panel for Exterior Accessible Rooms
ID10	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 6" (w) X 5" (h) ADA Panel with Updateable Panel for Rooms, Labs and Classrooms
ID11	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 12" (w) X 11.25" (h) ADA Panel with Updateable Panel for Conference, and Labs
ID12	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 6" (w) X 8.5" (h) ADA Panel with Graphic Panel for Restrooms and Stairs
ID13	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 17.5" (w) X 12.5" (h) Graphic Panel(s) for Information and Wayfinding
ID14	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 6" (w) X 2.5" (h) Updateable Panel for Cubicles
ID15	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 6" (w) X 6" (h) Updateable Panel for Information and Wayfinding
ID16	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 6" (w) X 2.5" (h) ADA Panel for Information and Wayfinding
ID17	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Wall Mounted Sign 17.5" (w) X 14.5" (h) Graphic Panel with Updateable Panel for Information and Wayfinding
ID18	Product: Size: Usage:	ASI-Modulex Pacific Interior Series Projecting Sign 9" (w) X 8.75" (h) Graphic Panels for Information and Wayfinding
ID20	Product: Size: Usage:	ASI InTac Series Wall Mounted Sign 16" (w) X 16" (h) Acrylic Panel for Interior Unconditioned Stairwells

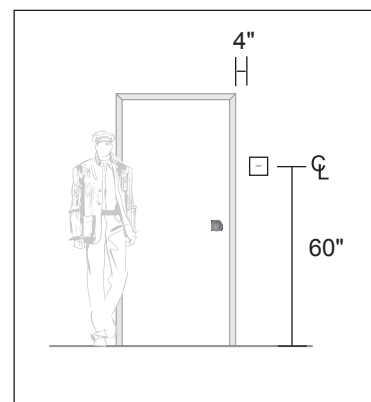


Specification

Sign Type: ID09 - ASI-Modulex Sign Etch Series 1 Exterior Wall Sign



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall on the door knob side of the door



Specification

Sign Type: ID09 - ASI-Modulux Sign Etch Series 1 Exterior Wall Sign

Sign is constructed of an 1/8" thick zinc panel with square edges. Panel is cut from plate metal with an acid etched background and integral raised graphics. Graphic thickness is 1/32" to meet ADA.

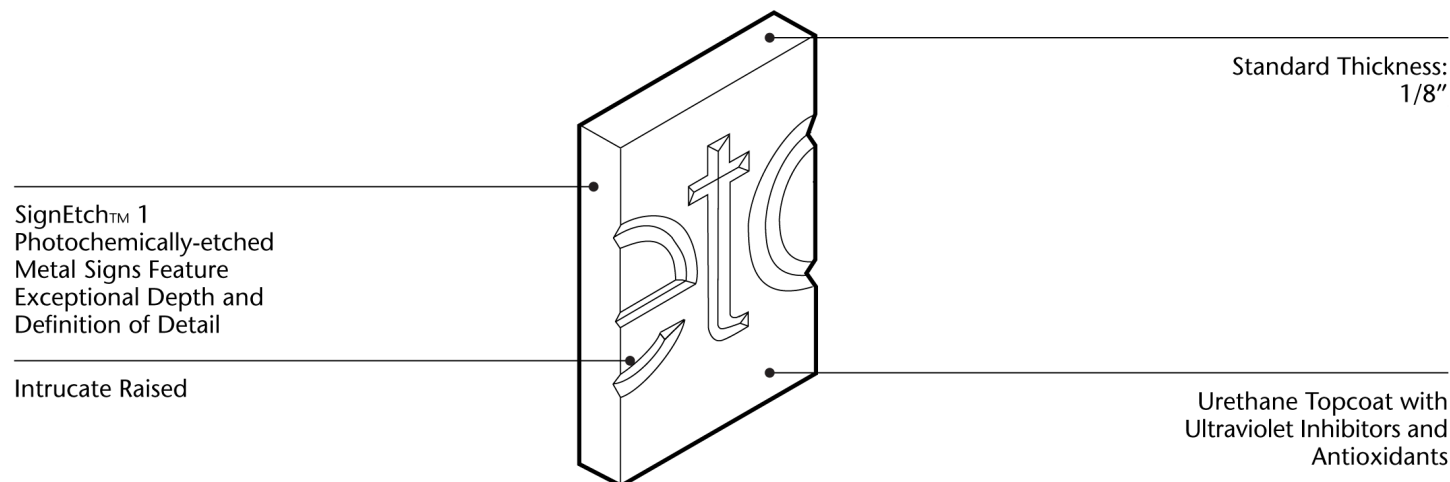
Letter Style Graphic Panel:	Gotham Book -50 tracking
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Wall Mounting:	Screws and Anchors applicable to substrate

Braille shown in this drawing is for presentation purposes only. Actual signs are to have Grade2 Braille which is the same color as the background of the sign.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

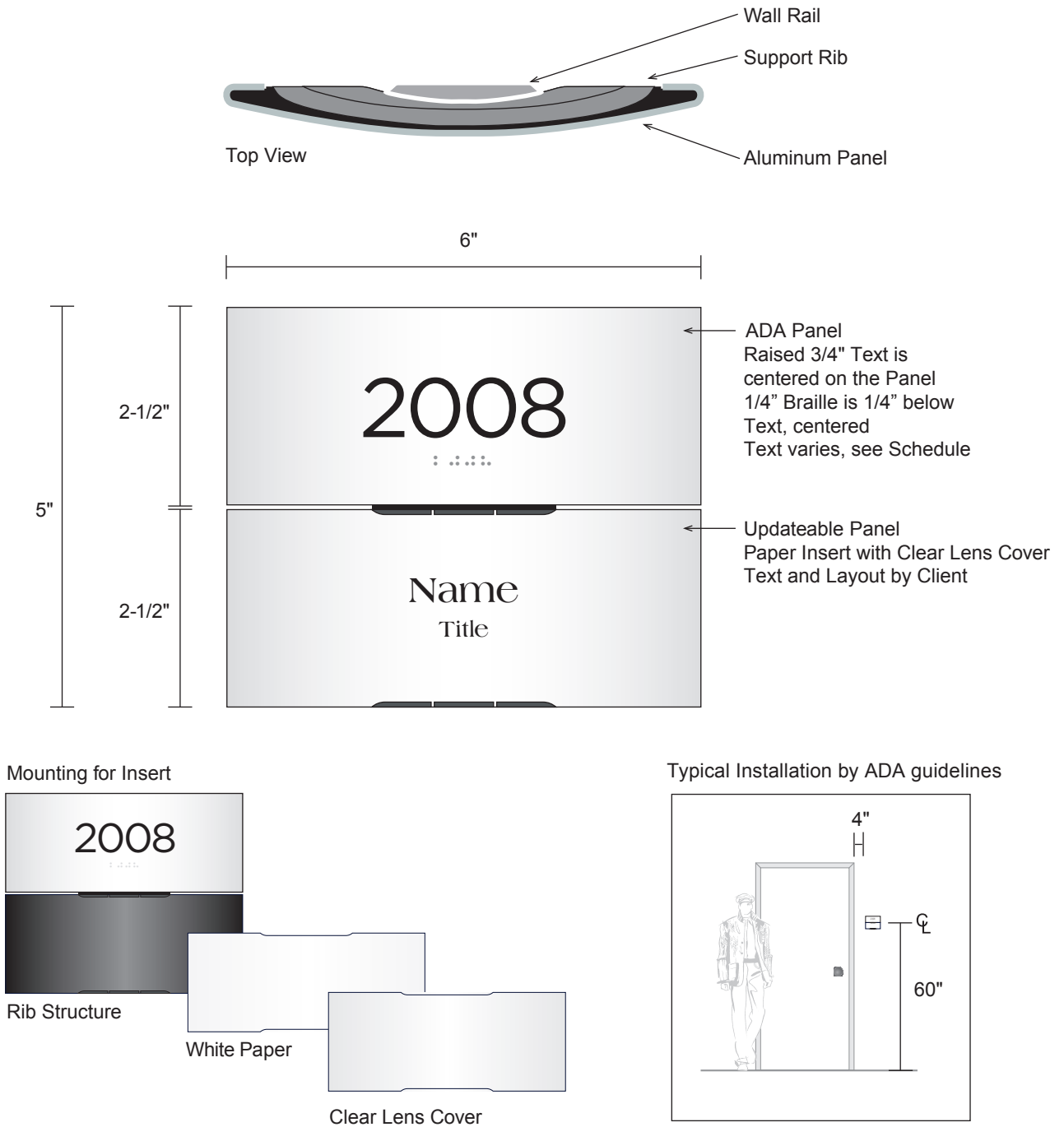
Note that all overall sizes are nominal.

Isometric View



Specification

Sign Type: ID10 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Specification

Sign Type: ID10 - ASI-Modulux Pacific Interior Series Wall Mounted Sign

Sign is constructed of an ADA-Ready insert, an updateable insert and an extruded aluminum wall rail. ADA-Ready sign(s) are constructed of extruded curved aluminum with raised graphics. Text is uppercase and repeated in Grade 2 Braille. Updateable panel(s) have computer generated inserts with protective clear lenses. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

Letter Style on ADA and Graphic Panels:	Gotham Book -50 tracking
Letter Style on Updateable Panels:	Americana
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Paper Color:	White
Lens:	Clear
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

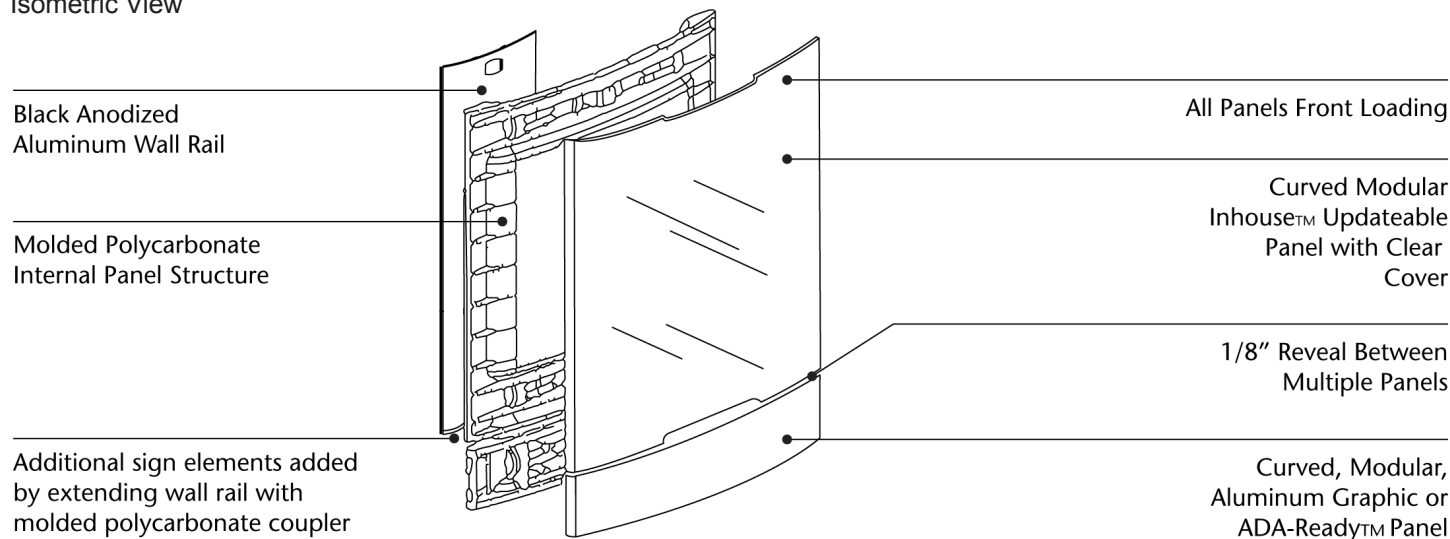
Paper will be provided to client. Client to print and insert paper into holder.

Braille shown in this drawing is for presentation purposes only. Actual signs are to have Grade2 Braille which is the same color as the background of the sign.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

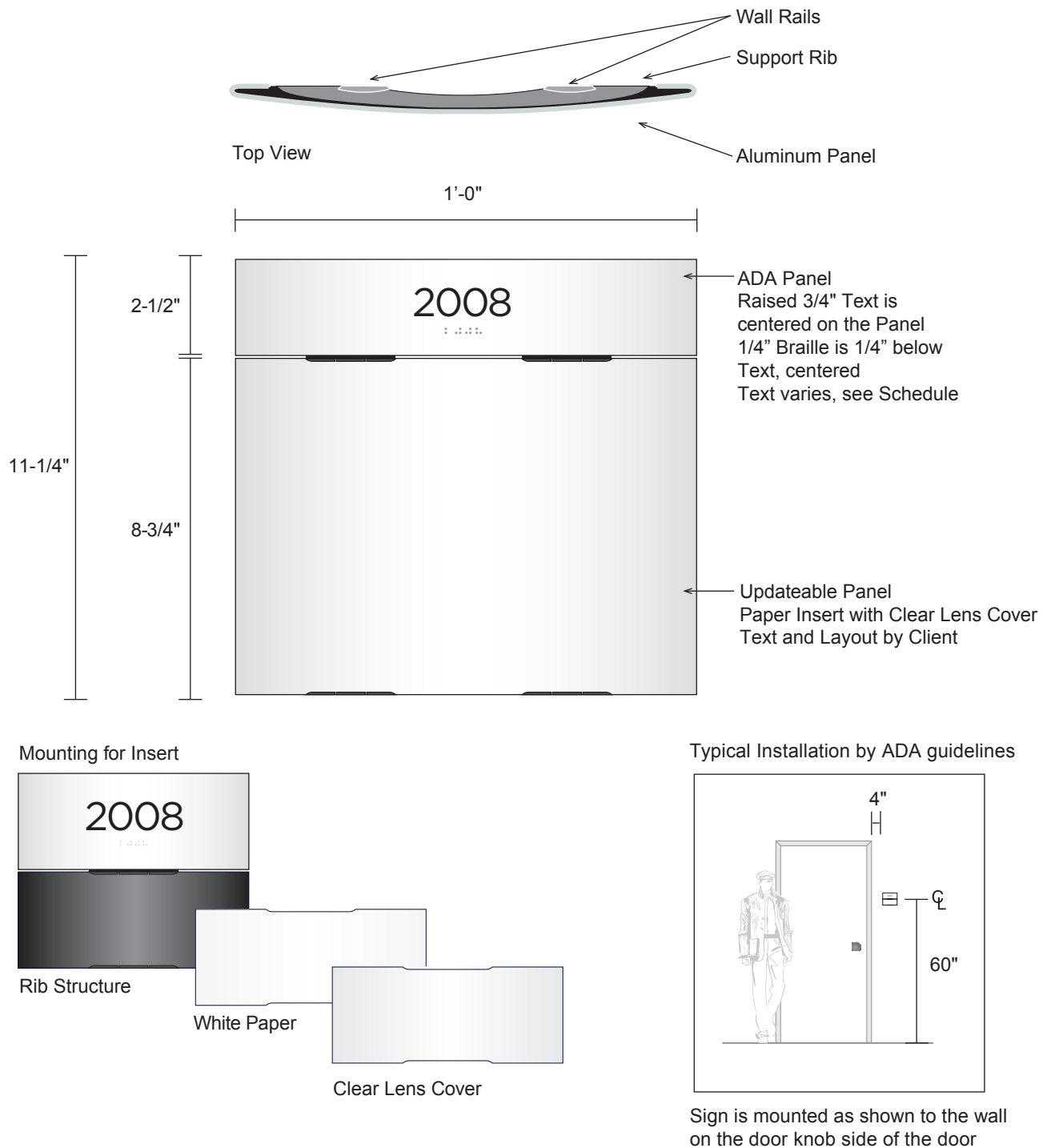
Note that all insert and overall sizes are nominal

Isometric View



Specification

Sign Type: ID11 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Specification

Sign Type: ID11 - ASI-Modulex Pacific Interior Series Wall Mounted Sign

Sign is constructed of an ADA-Ready insert, an updateable insert and an extruded aluminum wall rail. ADA-Ready sign(s) are constructed of extruded curved aluminum with raised graphics. Text is uppercase and repeated in Grade 2 Braille. Updateable panel(s) have computer generated inserts with protective clear lenses. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

Letter Style on ADA and Graphic Panels:	Gotham Book -50 tracking
Letter Style on Updateable Panels:	Americana
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Paper Color:	White
Lens:	Clear
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

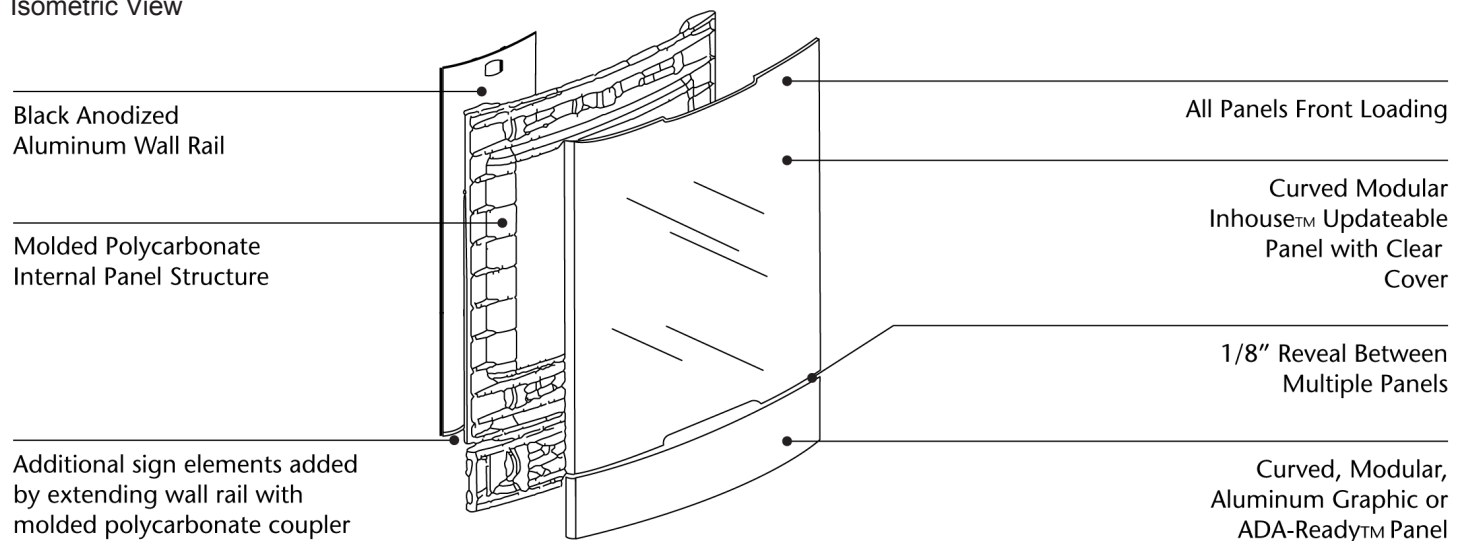
Paper will be provided to client. Client to print and insert paper into holder.

Braille shown in this drawing is for presentation purposes only. Actual signs are to have Grade2 Braille which is the same color as the background of the sign.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

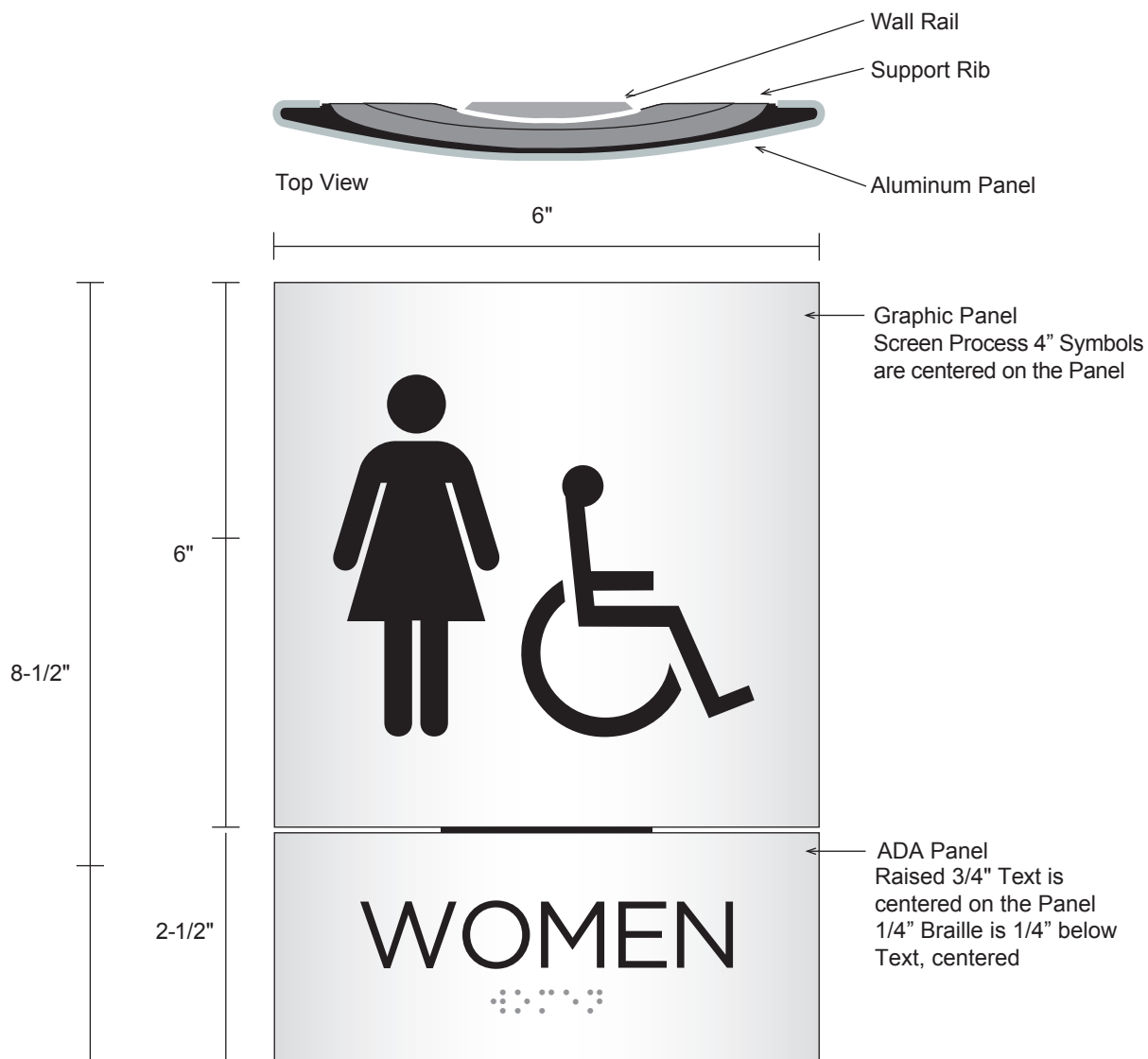
Note that all insert and overall sizes are nominal

Isometric View

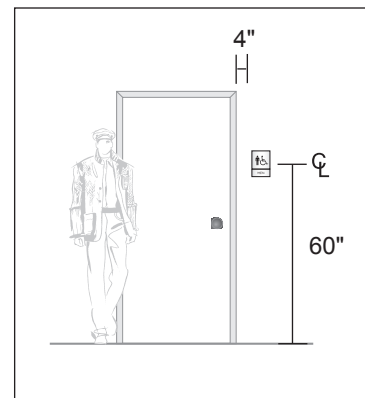
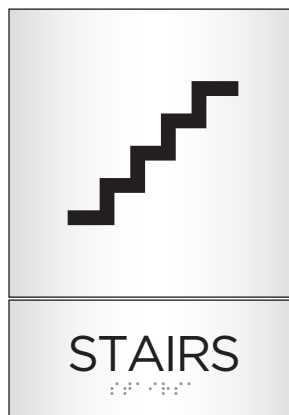


Specification

Sign Type: ID12 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Alternate Layouts



Sign is mounted as shown to the wall
on the door knob side of the door



Health Science Campus
at Lake Nona
Interior Signage Specifications

Date: 06/2008

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

Sign Type: **ID12**

Specification

Sign Type: ID12 - ASI-Modulux Pacific Interior Series Wall Mounted Sign

Sign is constructed of an ADA-Ready insert, a graphic insert and an extruded aluminum wall rail. ADA-Ready sign(s) are constructed of extruded curved aluminum with raised graphics. Text is uppercase and repeated in Grade 2 Braille. Graphic panel(s) are constructed of extruded curved aluminum with surface applied vinyl graphics and surface painted background color. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

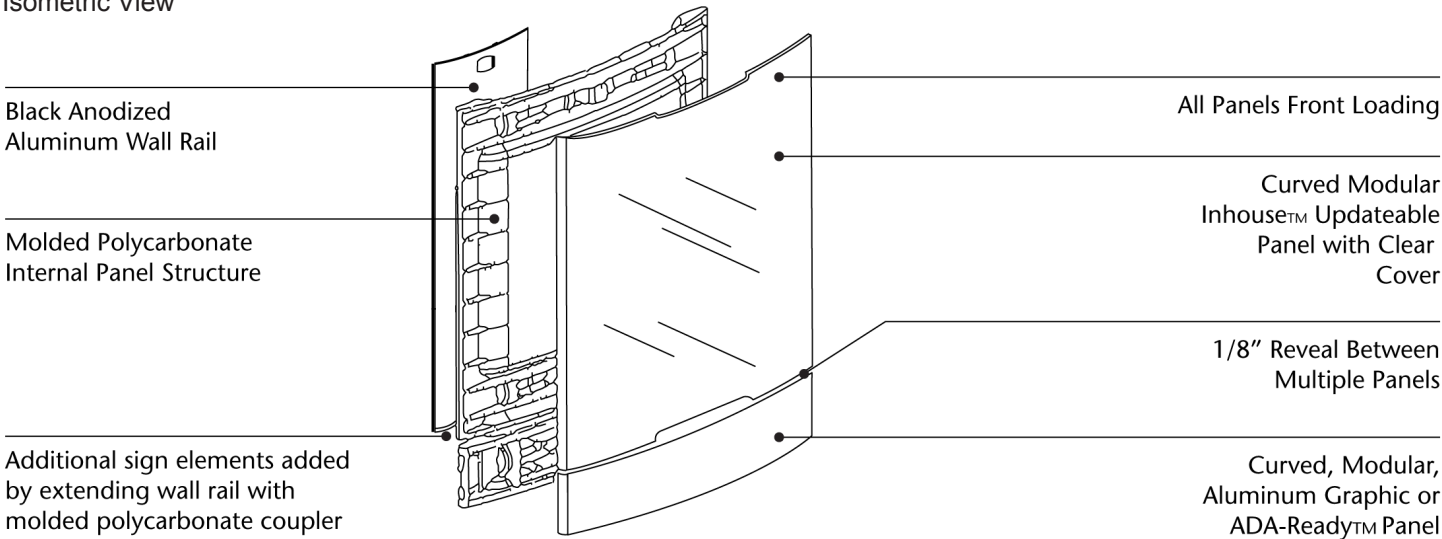
Letter Style on ADA and Graphic Panels:	Gotham Book -50 tracking
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Braille shown in this drawing is for presentation purposes only. Actual signs are to have Grade2 Braille which is the same color as the background of the sign.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

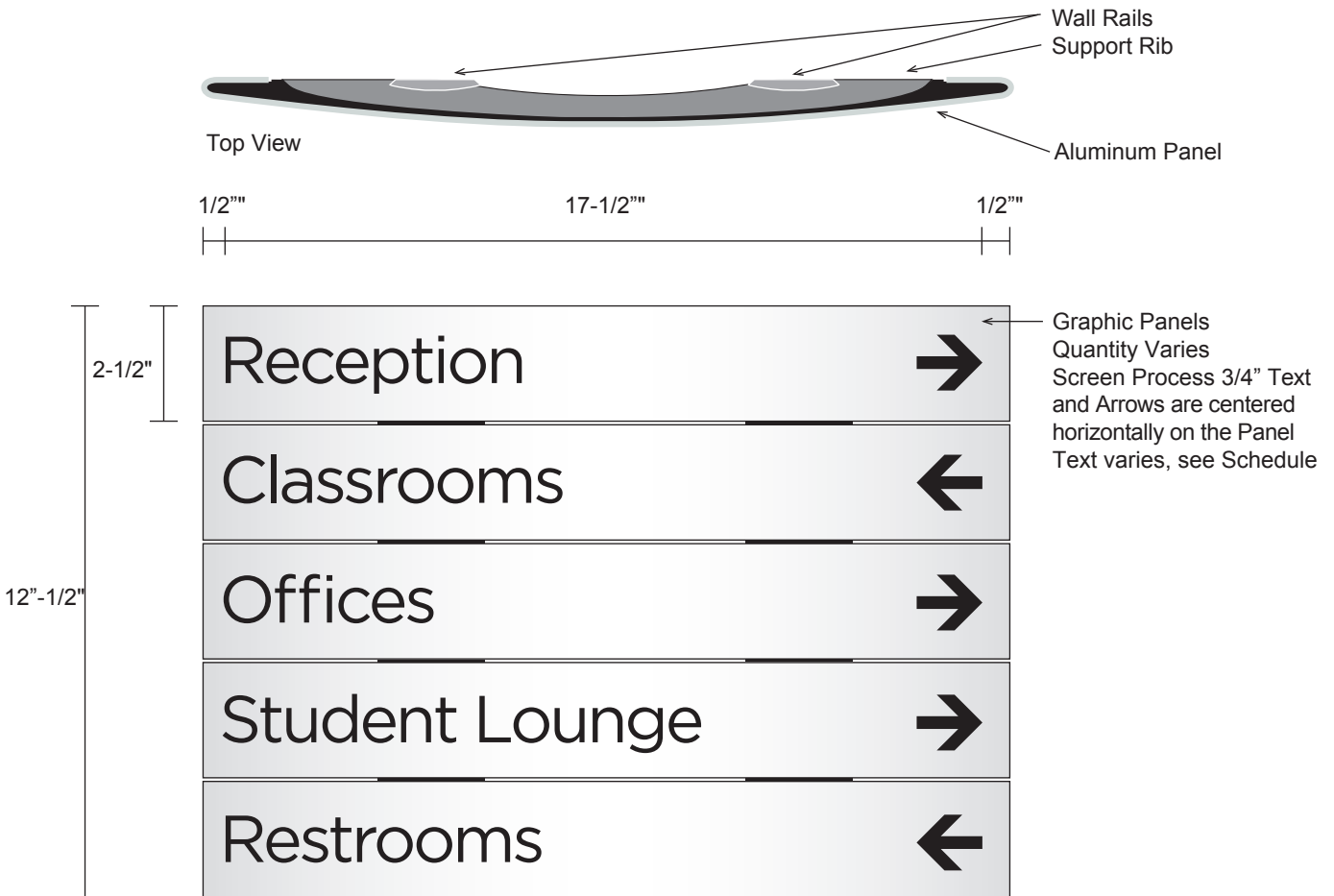
Note that all insert and overall sizes are nominal

Isometric View

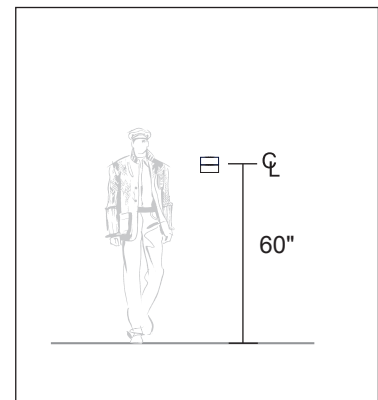


Specification

Sign Type: ID13 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall



Specification

Sign Type: ID13 - ASI-Modulux Pacific Interior Series Wall Mounted Sign

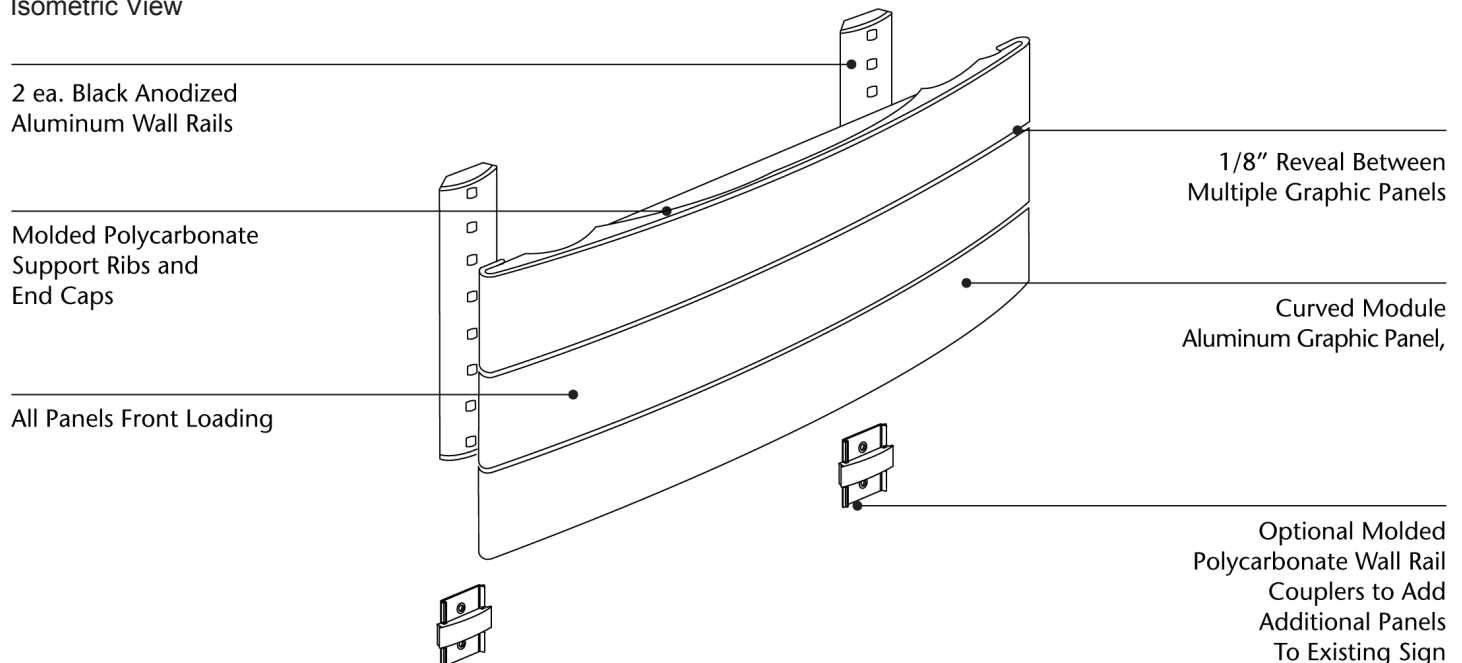
Sign is constructed of a graphic insert(s) and an extruded aluminum wall rail. Graphic panel(s) are constructed of extruded curved aluminum with surface applied screen process graphics and surface painted background color. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

Letter Style on Graphic Panels:	Gotham Book -50 tracking
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

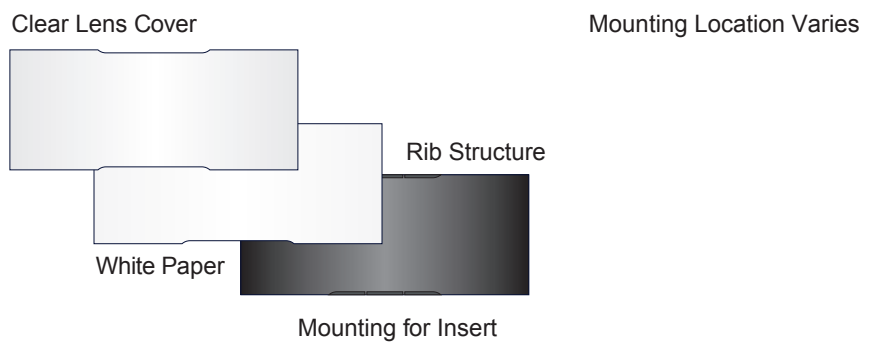
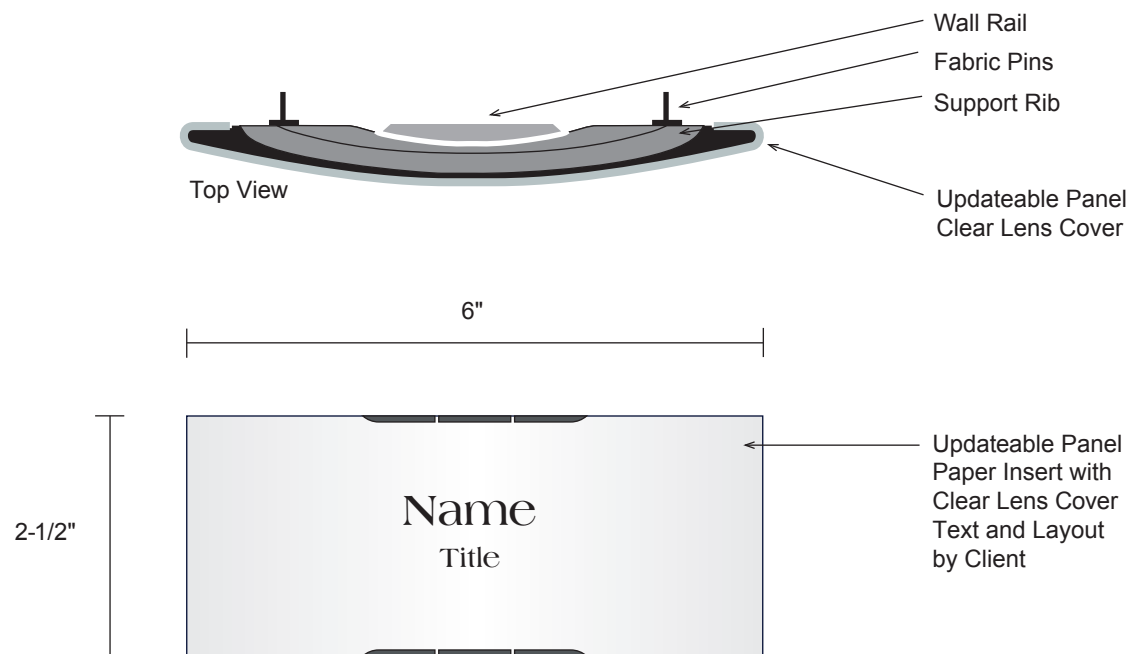
Note that all insert and overall sizes are nominal

Isometric View



Specification

Sign Type: ID14 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Specification

Sign Type: ID14 - ASI-Modulux Pacific Interior Series Wall Mounted Sign

Sign is constructed of an updateable insert and an extruded aluminum wall rail. Updateable panel(s) have computer generated inserts with protective clear lenses. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

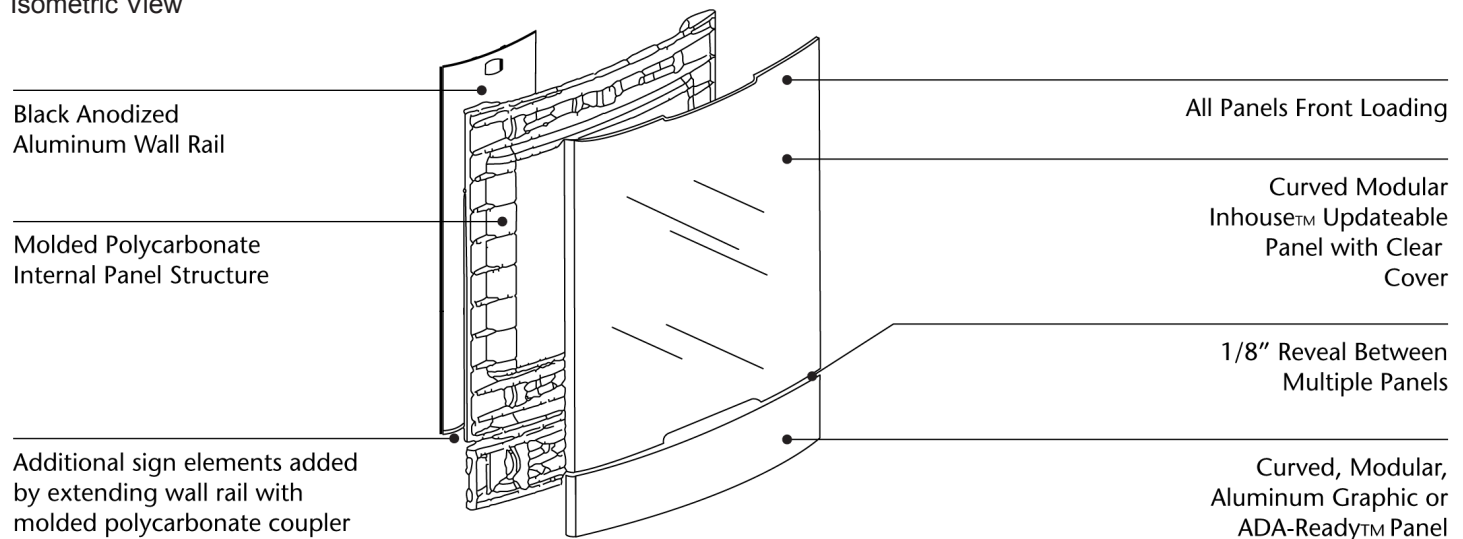
Letter Style on Updateable Panels:	Americana
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Paper Color:	White
Lens:	Clear
Cubicle Mounting:	Fabric Pins
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Paper will be provided to client. Client to print and insert paper into holder.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

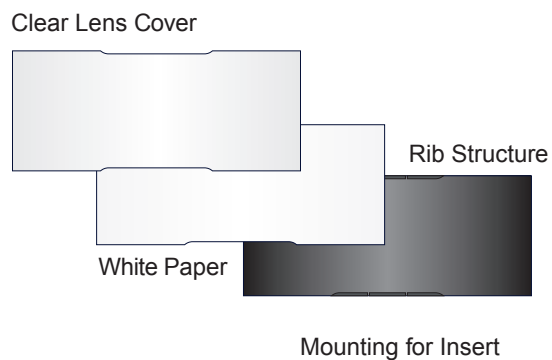
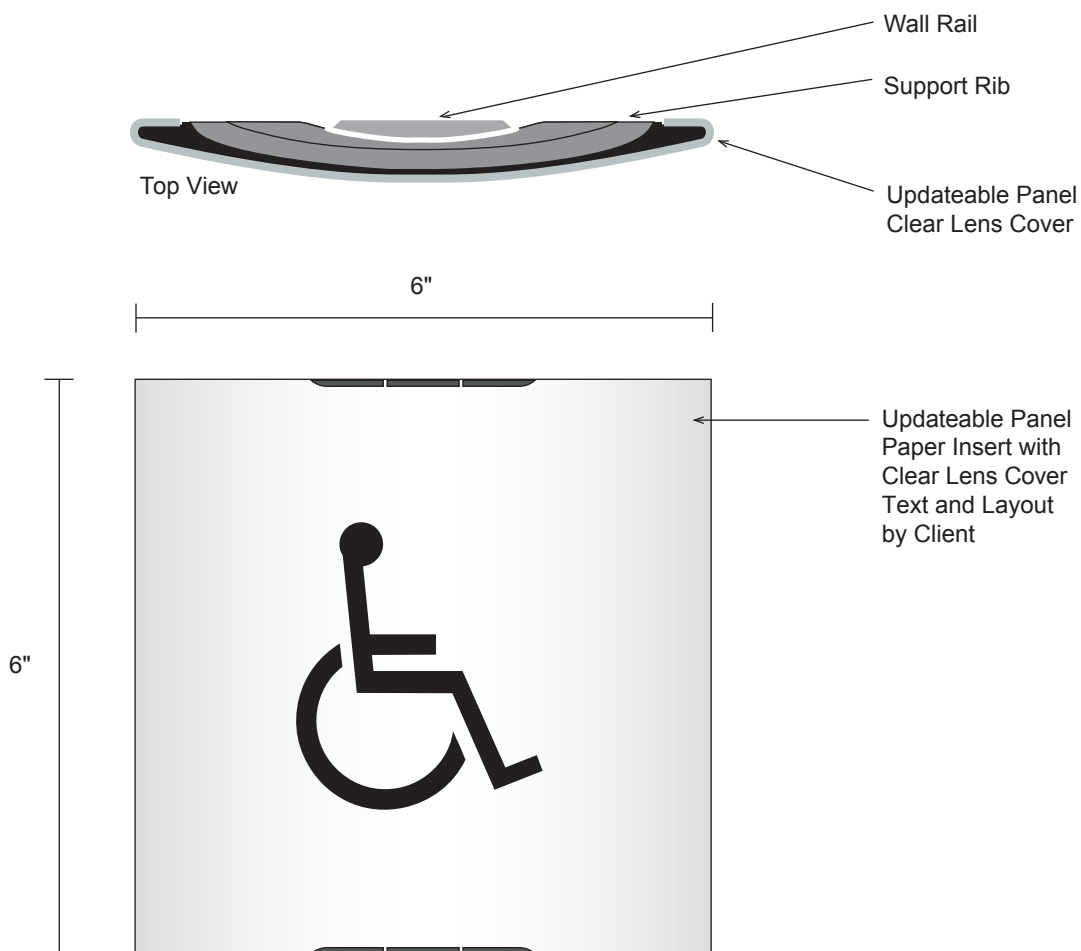
Note that all insert and overall sizes are nominal

Isometric View

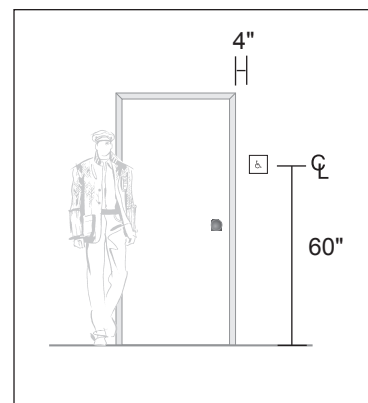


Specification

Sign Type: ID15 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall on the door knob side of the door



Health Science Campus
at Lake Nona
Interior Signage Specifications

Date: 06/2008

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

Sign Type: **ID15**

Specification

Sign Type: ID15 - ASI-Modulex Pacific Interior Series Wall Mounted Sign

Sign is constructed of an updateable insert and an extruded aluminum wall rail. Updateable panel(s) have computer generated inserts with protective clear lenses. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

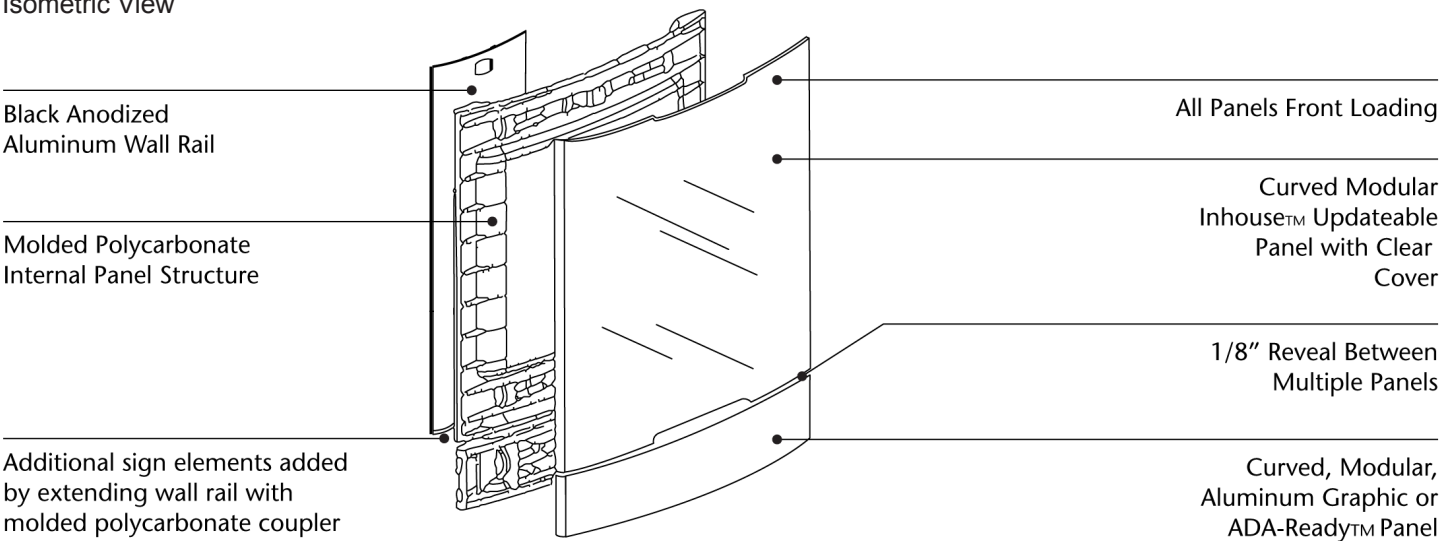
Letter Style on Updateable Panels:	Americana
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Paper Color:	White
Lens:	Clear
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Paper will be provided to client. Client to print and insert paper into holder.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

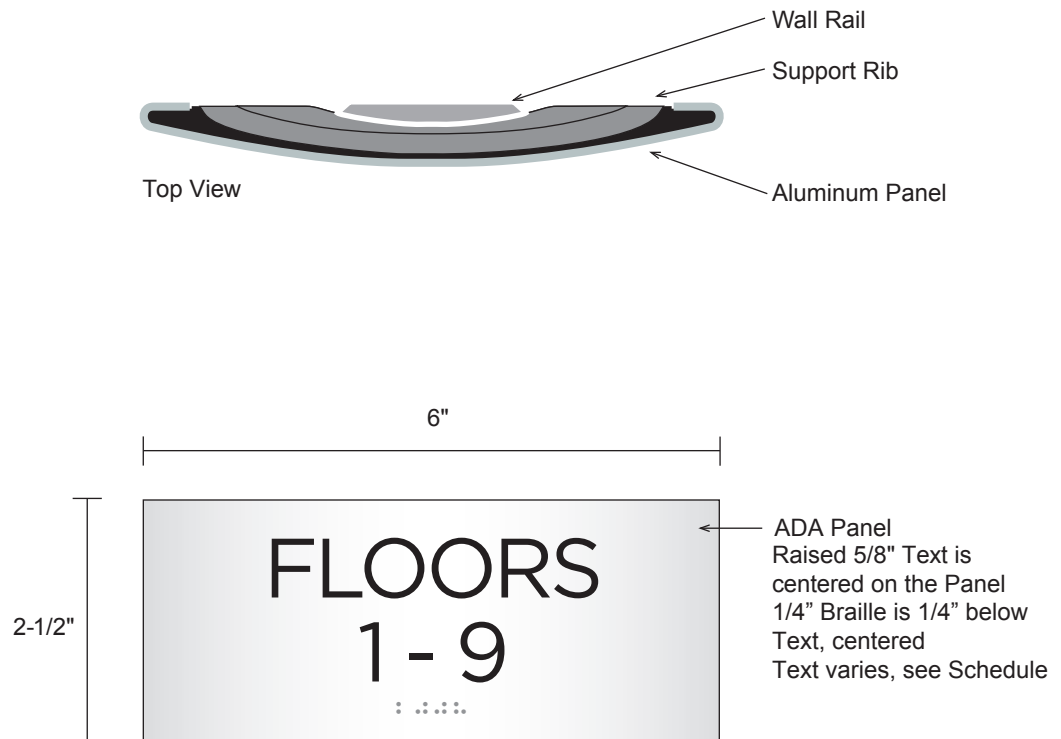
Note that all insert and overall sizes are nominal

Isometric View

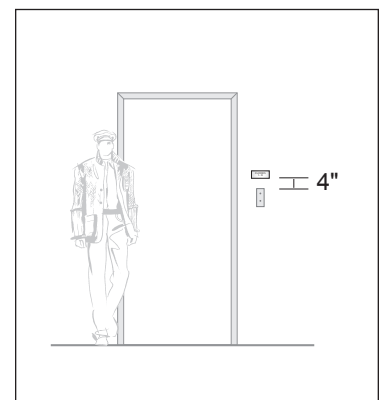


Specification

Sign Type: ID16 - ASI-Modulux Pacific Interior Series Wall Mounted Sign



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall
centered above the elevator call button



Specification

Sign Type: ID16 - ASI-Modulux Pacific Interior Series Wall Mounted Sign

Sign is constructed of an updateable insert and an extruded aluminum wall rail. Updateable panel(s) have computer generated inserts with protective clear lenses. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

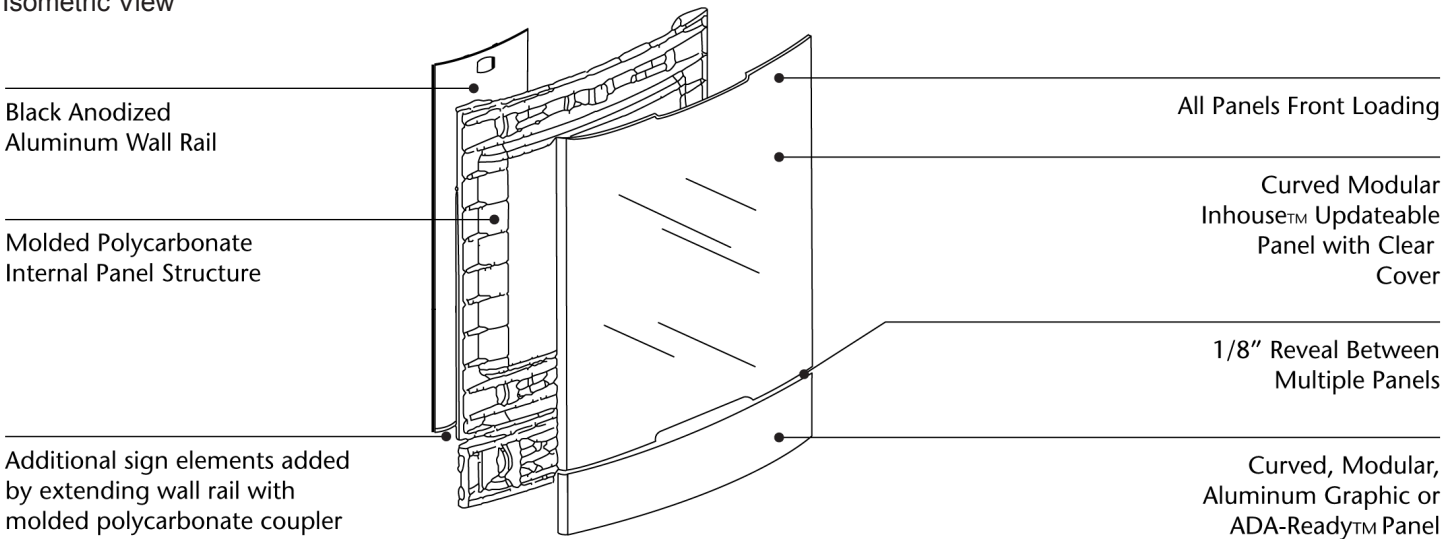
Letter Style on Updateable Panels:	Americana
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Paper Color:	White
Lens:	Clear
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Paper will be provided to client. Client to print and insert paper into holder.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

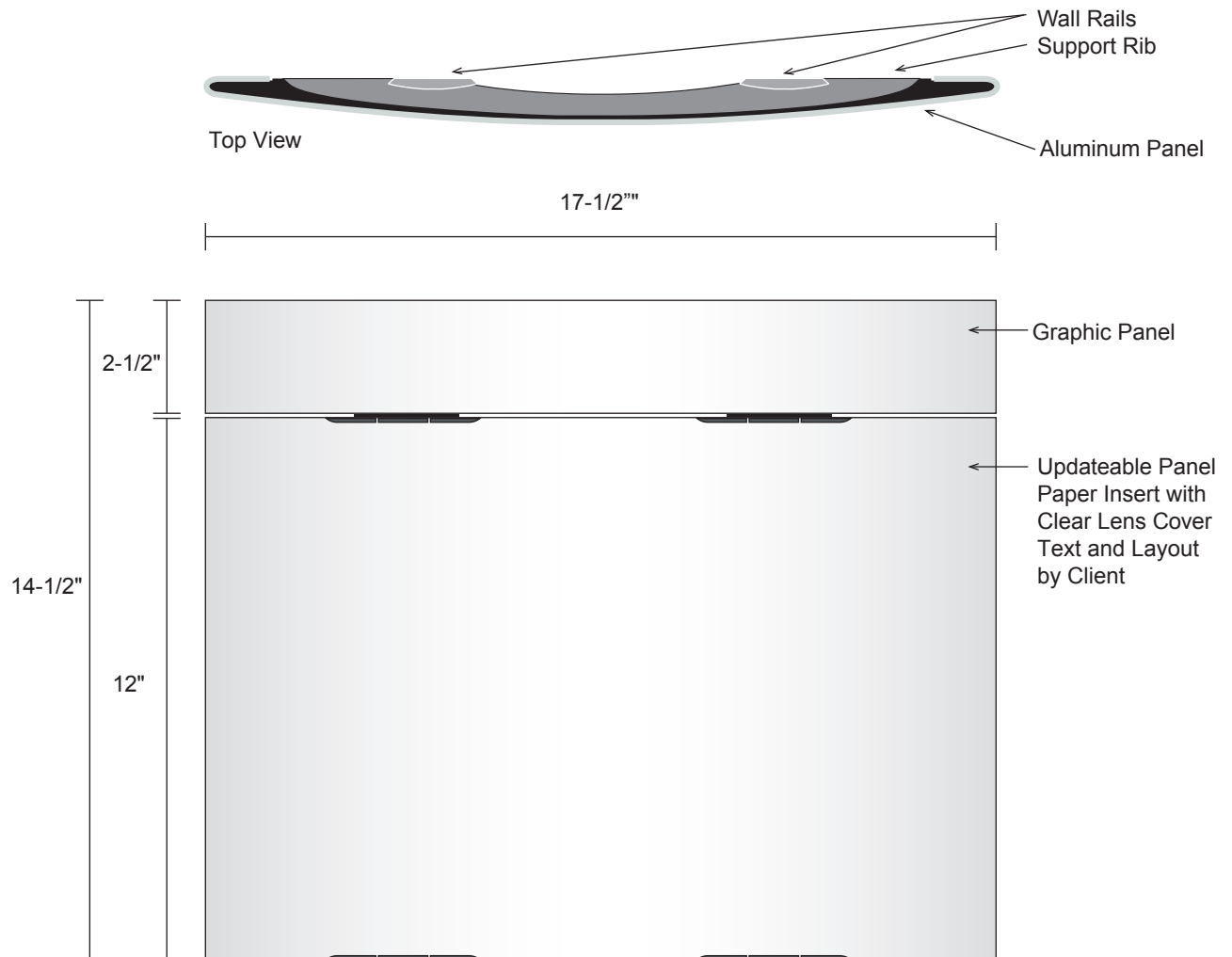
Note that all insert and overall sizes are nominal

Isometric View

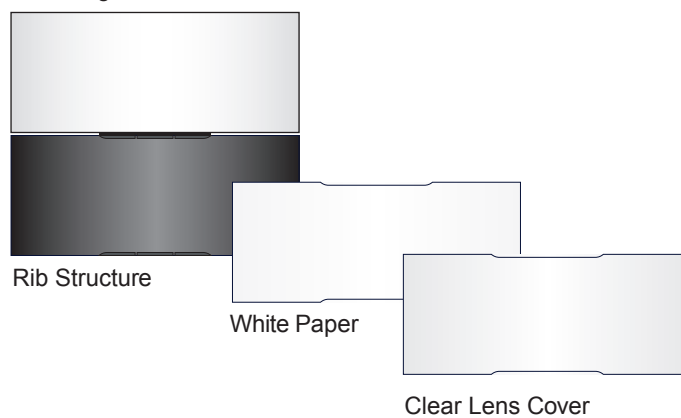


Specification

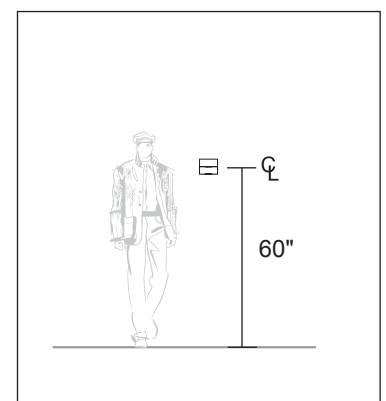
Sign Type: ID17 - ASI-Modulex Pacific Interior Series Wall Mounted Sign



Mounting for Insert



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall



Specification

Sign Type: ID17 - ASI-Modulex Pacific Interior Series Wall Mounted Sign

Sign is constructed of an graphic insert, an updateable insert and an extruded aluminum wall rail. ADA-Ready sign(s) are constructed of extruded curved aluminum with raised graphics. Updateable panel(s) have computer generated inserts with protective clear lenses. Sign is mounted to a molded polycarbonate internal structure with aluminum vertical supports.

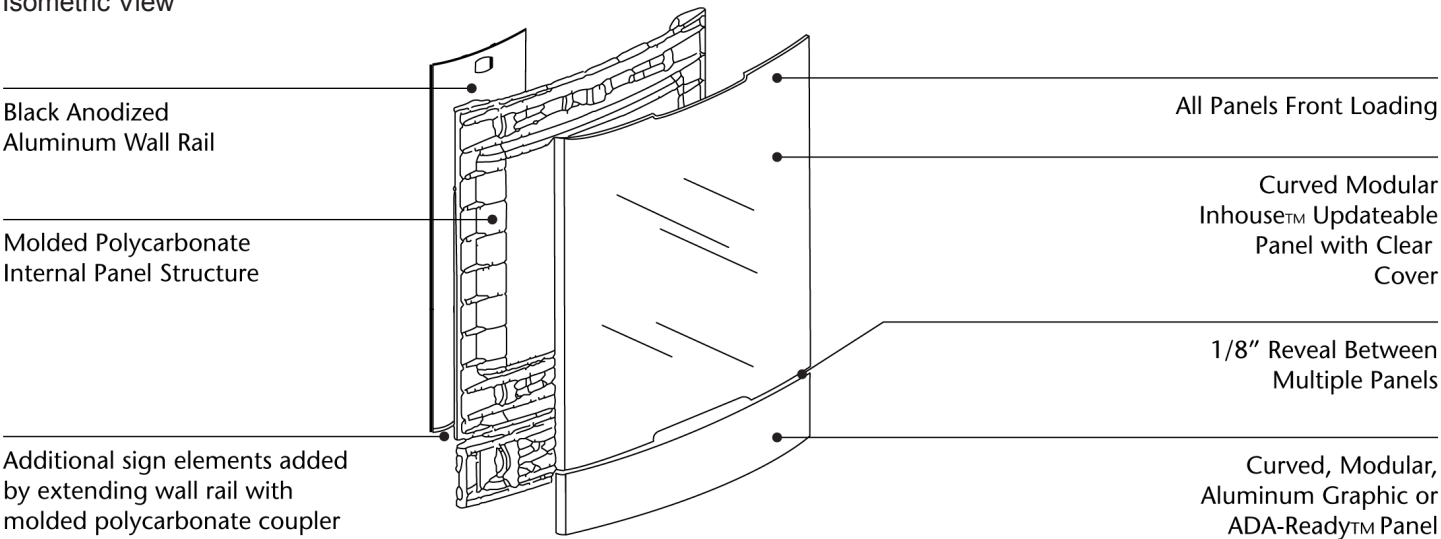
Letter Style on ADA and Graphic Panels:	Gotham Book -50 tracking
Letter Style on Updateable Panels:	Americana
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Paper Color:	White
Lens:	Clear
Wall Mounting:	Vinyl Tape, Screws and Anchors applicable to substrate
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Paper will be provided to client. Client to print and insert paper into holder.

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

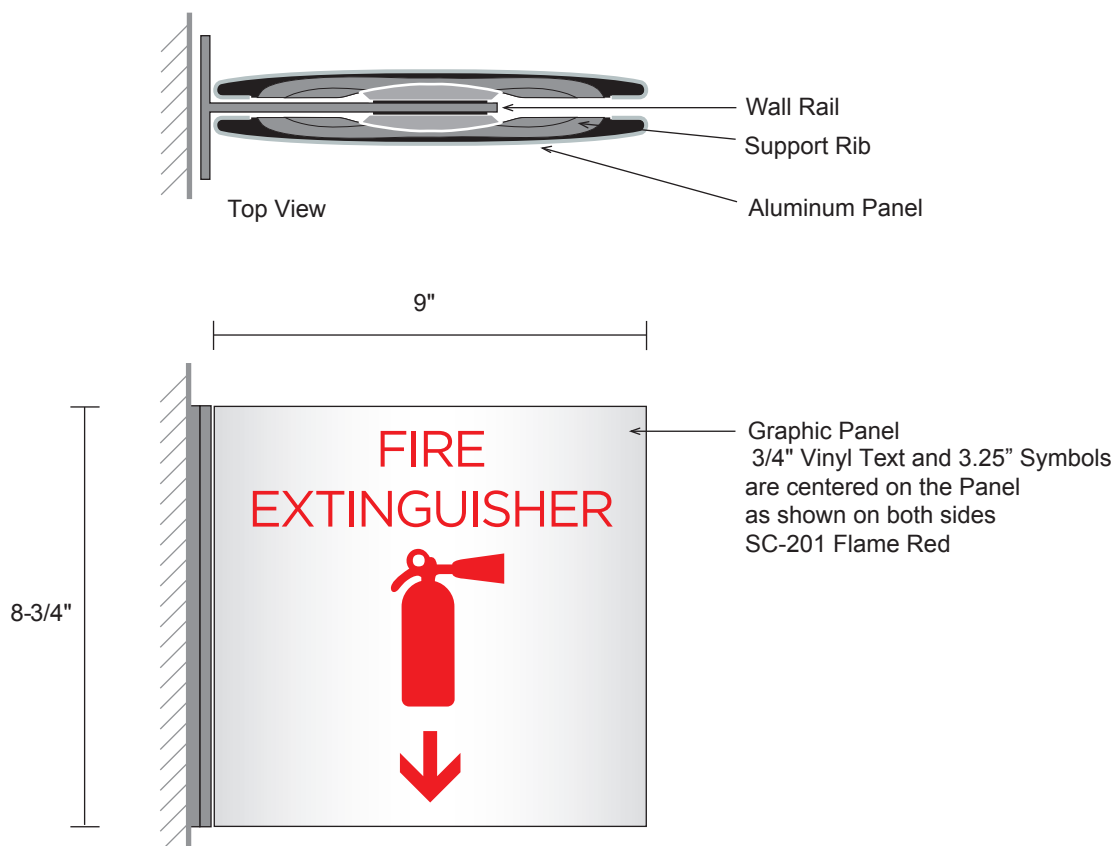
Note that all insert and overall sizes are nominal

Isometric View



Specification

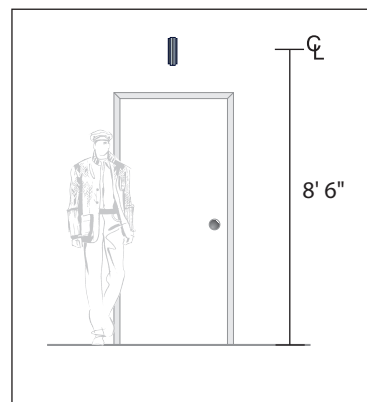
Sign Type: ID18 - ASI-Modulex Pacific Interior Series Projecting Sign



Alternate Layouts



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall centered over the door, 8'-6" from center line of sign to grade



Health Science Campus
at Lake Nona
Interior Signage Specifications

Date: 06/2008

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

Sign Type: **ID18**

Specification

Sign Type: ID18 - ASI-Modulex Pacific Interior Series Projecting Sign

Sign is constructed of graphic panels. Panels are constructed of extruded flat aluminum with surface applied vinyl graphics and surface painted background color. Sign is mounted to a molded polycarbonate internal structure that projects mechanically from wall.

Letter Style on Graphic Panels:

Gotham Book -50 tracking

Graphic Colors

SC-201 Flame Red and SC-905 Black

Background Color:

SC-901 White

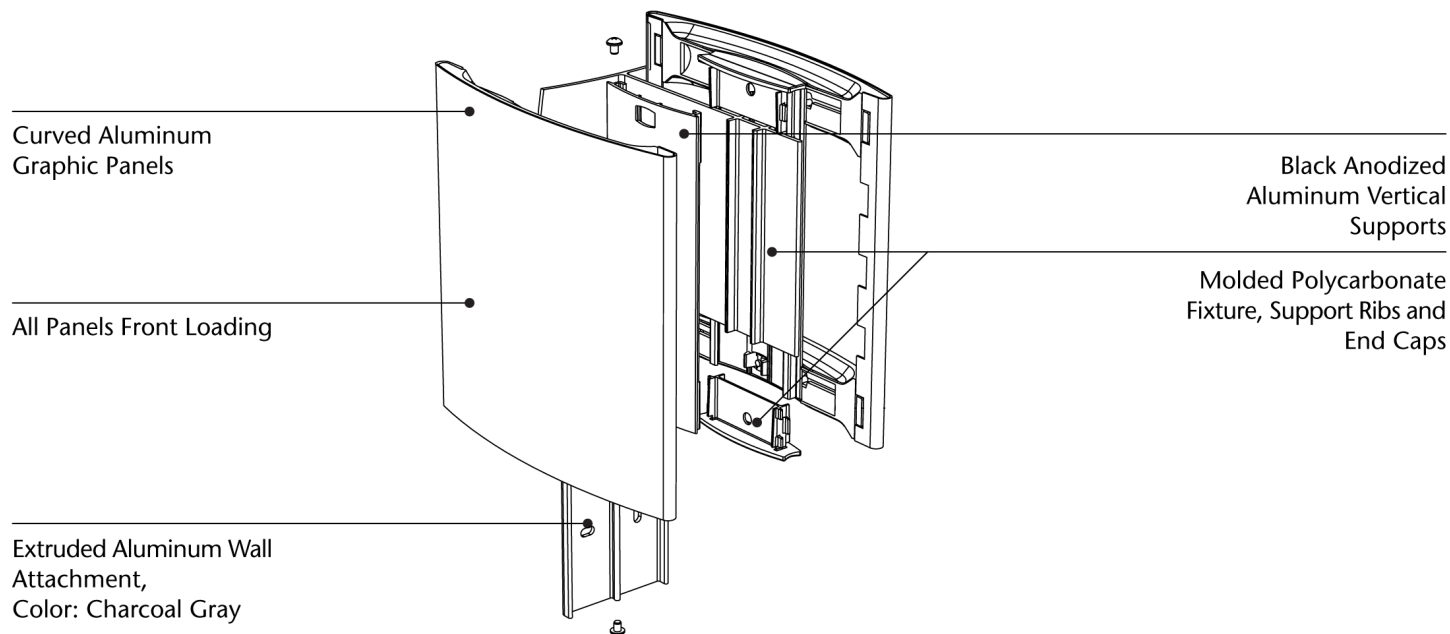
Wall Mounting:

Vinyl Tape, Screws and Anchors applicable to substrate

Colors shown in these drawings are for presentation purposes only. For actual colors, refer to color match sample.

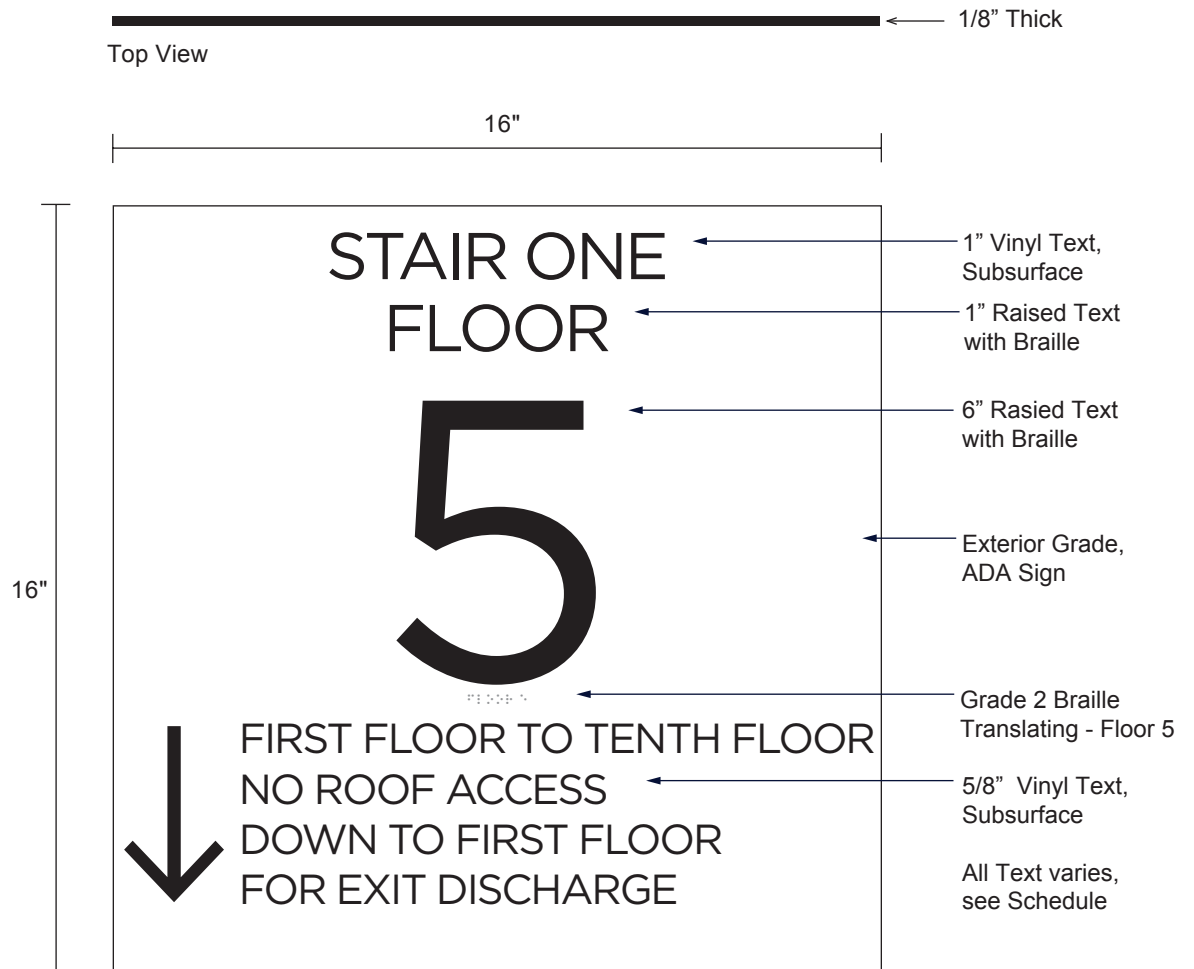
Note that all insert and overall sizes are nominal

Isometric View

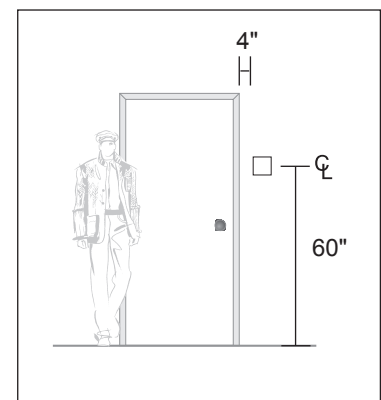


Specification

Sign Type: ID20 - ASI-Modulex InTac Series Wall Mounted Sign



Typical Installation by ADA guidelines



Sign is mounted as shown to the wall on the door knob side of the door



Specification

Sign Type: ID20 - ASI-Modulex InTac Series Wall Mounted Sign

1/8" thick material, acrylic graphics are chemically welded to the acrylic backplate. Graphic thickness is 1/32" to meet ADA. Plaque is subsurface painted.

Letter Style on Acrylic Panel:	Gotham Book -50 tracking
Graphic Color:	SC-905 Black
Background Color:	SC-901 White
Wall Mounting:	Vinyl Tape and Silicone
Glass Mounting:	1/16" thick Semi-matte Acrylic Panel with Subsurface Paint, Color: SC-904 Dark Grey, mounted to opposite side of glass using Vinyl Tape. The acrylic panel is to be the same overall size as the sign.

Braille shown in this drawing is for presentation purposes only. Actual signs are to have Grade2 Braille which is the same color as the background of the sign.

Colors shown in this drawing are for presentation purposes only. For actual colors, refer to color match sample.

Note that all insert and overall sizes are nominal

Isometric View

