

LAWA SIGNAGE STANDARDS

Version 2022.1



ABOUT THE LAWA SIGNAGE STANDARDS

Introduction

This document presents the LAWA wayfinding method, submittal process for signage projects, and design criteria for sign fabrication.

The LAWA Signage Standards manual is approved for use at all LAWA airports and service properties.

Signage Efficacy

The LAWA Signage Standards shall inform of criteria to maintain and advance our world-class airport status. The operational effectiveness of our signage system's ability to serve passengers is dependent on us all. Everyone associated with Los Angeles World Airports shall adopt and support these efforts.

How To Use This Document

- Information in the LAWA Signage Standards is divided into the following sections for ease of use.
- **Summary of Signs**
Presents LAWA approved signs in a comprehensive matrix for quick reference.
 - **General Information**
Provides an overview of LAWA's signage and wayfinding program management, requirements, and procurement process.
 - **Graphic Standards**
Specifies typography, pictograms, direction arrows, and message layout guidelines for signs.
 - **Sign Type Design Details**
Details the design intent of individual signs with drawings and notes.
 - **Terminology & Reference Information**
Includes approved nomenclature, a glossary of signage related terms, and general performance specifications for fabrication. Provides additional information, diagrams, and examples as referenced within the document.

Contact

Questions about wayfinding and signage may be directed to the Signage & Graphics Manager.

Signage & Graphics Manager
Los Angeles World Airports
The Development Group
Email: LAWASignRequest@lawa.org

INTRODUCTION

01	About the LAWA Signage Standards
02	Contents

1. LAWA SIGNS SUMMARY

2. GENERAL INFORMATION

2.01	Purpose & Scope
2.02	LAWA Wayfinding Program Management
2.04	LAWA Wayfinding Methodology & Signage Intent
2.05	Message Strategy & Terminology
2.06	LAWA Wayfinding Signage Project Approval Process
2.07	Phases & Requirements for New Signage Projects
2.08	Guidelines for Temporary Signage
2.10	Sign Type Code Convention
2.11	Signage Maintenance

3. BUILDING & AREA NUMBERING STRATEGY

3.01	Numbering Strategy For Doors
3.01	Numbering Strategy For Stairs

4. GRAPHIC STANDARDS

4.01	LAWA Approved Colors
4.02	LAWA Approved Typography
4.04	LAWA Approved Pictograms
4.05	LAWA Approved Pictograms
4.06	LAWA Approved Pictograms
4.07	LAWA Approved Pictograms
4.08	LAWA Approved Pictograms
4.09	LAWA Approved Direction Arrows
4.10	Typography Guidelines

5. SIGN TYPE DESIGN DETAILS

5A. IDENTITY SIGNAGE

5.01	A100-V	Station Identity Letter
5.02	A101-V	Exterior Gate Identity Number
5.03	A102-V	Parking Identity Letters
5.04	A103-V	Building Address Letters – Large
5.05	A104-V	Building Address Letters – Small
5.06	A105-V	Parking Structure Identity Letters
5.07	A106-V	Terminal Entry Identity Letters
5.08	A107-V	Security Post Building Identity Letters
5.09	A108-V	Overhead Parking Entrance Identity
5.10	A109-V	Site Identity Panel
5.11	A110-V	Site Address Panel
5.12	A111-GL	Site Identity Monument
5.13	A112-V	Terminal Identity Number
5.14	A113-V	Terminal Column Color Band
5.15	A114-G	Pet Relief Station Identity
5.16	A115-G	Parking Lot Identity Pylon
5.17	A116-G	Static Bus Stop Identity Pylon
5.18	A117-GD	Dynamic Bus Stop Identity Blade
5.19	A119-S	Curbside Suspended Vehicle Zone Identity
5.20	A120-V	Jetway Gate Identity
5.21	A121-V	Airside Service Gate Identity
5.22	A500-V	Overhead Gate Identity
5.23	A501-SD	Hold Room Gate Identity Display
5.24	A502-S	Corridor Gate Identity Blade
5.25	A503-P	Baggage Carousel Identity Blade
5.26	A504-S	Suspended Services Identity
5.27	A505-V	Parking Level Identity Number
5.28	A506-V	Parking Structure & Level Identity
5.29	A507-V	Parking Area Identity
5.30	A508-V	Parking Fire Extinguisher
5.31	A509-V	Terminal Level Directory
5.32	A510-V	Parking Level Directory
5.33	A511-V	Accessible Vehicle Pick-up Identity
5.34	A512-V	Accessible Vehicle Parking Identity
5.35	A513-V	Electric Vehicle Parking Identity
5.36	A514-V	Accessible Electric Vehicle Parking Identity
5.37	A515-V	Clean Air Vehicle Parking Identity
5.38	A516-V	Low Emission Vehicle Parking Identity
5.39	A520-V	Customs Counter Identity
5.40	A521-SDL	Customs Overhead Checkpoint Identity

5.41	A522-V	Elevator Core Identity Plaque
5.42	A523-V	General Services Identity Plaque
5.43	A524-P	General Services Identity Blade

5B. DIRECTION SIGNAGE

5.45	B100-G	Roadway Direction Gantry – Long
5.46	B101-G	Roadway Direction Gantry – Single
5.47	B102-P	Roadway Direction Blade – Large
5.48	B103-P	Roadway Direction Blade – Barrier
5.49	B104-G	Roadway Direction Blade – Medium
5.50	B105-P	Roadway Direction Blade – Bridge
5.51	B106-G	Vehicle Direction Panel – Large
5.52	B107-G	Vehicle Direction Panel – Medium
5.53	B108-G	Vehicle Direction Panel – Small
5.54	B109-P	Roadway Direction Blade – Small
5.55	B110-G	Roadway Direction Panel – Small
5.56	B111-V	Curbside Vehicle Direction Panel
5.57	B112-V	Parking Pedestrian Direction Panel
5.58	B114-G	Walk 4-Sided Pylon
5.59	B115-G	Pedestrian Direction Pylon
5.60	B116-G	AirTrain Direction Pylon
5.61	B117-S	Curbside Suspended Direction
5.62	B118-S	Curbside Suspended Services Direction
5.63	B120-SD	AirTrain Overhead Direction Dynamic
5.64	B121-V	AirTrain Overhead Direction – 18
5.65	B122-V	AirTrain Overhead Direction – 24
5.66	B504-V	Vehicle Direction Overhead Panel
5.67	B505-V	Parking Direction Wall Graphic – Large
5.68	B506-V	Parking Direction Wall Graphic – Small
5.69	B510-SD	Customs Suspended Static/Dynamic – 18
5.70	B511-SD	Customer Service Suspended Static/Dynamic – 24
5.71	B512-S	Suspended Pedestrian Direction – 12
5.72	B513-V	Overhead Pedestrian Direction – 12
5.73	B514-S	Suspended Pedestrian Direction – 14
5.74	B515-V	Overhead Pedestrian Direction – 14
5.75	B518-S	Suspended Pedestrian Direction – 18
5.76	B519-V	Overhead Pedestrian Direction – 18
5.77	B524-S	Suspended Pedestrian Direction – 24
5.78	B525-V	Overhead Pedestrian Direction – 24
5.79	B530-S	Suspended Pedestrian Direction – 30
5.80	B531-V	Overhead Pedestrian Direction – 30
5.81	B533-GLD	Terminal 4-Sided Pylon

5C. INFORMATION SIGNAGE

5.83	C100-GD	AirTrain Pylon – Large
5.84	C101-GD	AirTrain Pylon – Small
5.85	C102-GD	AirTrain Platform Pylon – Small
5.86	C103-GD	AirTrain Flight Information Display
5.87	C105-GD	AirTrain Digital Information Display
5.88	C106-V	Curbside Poster Frame
5.89	C107-V	Parking Pay Station
5.90	C500-GD	Terminal Check-in Pylon
5.91	C501-GD	Terminal Flight Information Display – Large
5.92	C502-GD	Information Pylon – Small
5.93	C504-G	Escalator Directory Pylon
5.94	C506-VD	Curbside Overhead Dynamic Info
5.95	C507-GD	Bag Carousel Information Display

5D. REGULATION SIGNAGE

5.97	D100-S	Vehicle Clearance Bar
5.98	D101-V	Attention Warning Panel
5.99	D102-G	Accessible Route Identity
5.100	D103-G	Warning Private Property
5.101	D104-G	Keep Clear Caution – Ground
5.102	D105-V	Parking Evacuation Plan
5.103	D106-V	Tactile Parking Stairwell Identity Plaque
5.104	D107-V	Parking Exit Overhead
5.105	D108-V	Keep Clear Caution Plaque
5.106	D109-V	Terminal Entrance Decals
5.107	D110-V	Terminal Entrance Door Identity
5.108	D111-V	Airport Closed Warning Panel
5.109	D115-G	AirTrain Conduct Pylon
5.110	D116-V	Station Rules Plaque
5.111	D500-V	Door Tag Identity
5.112	D501-V	Room Identity Plaque
5.113	D502-V	Exit Route Plaque
5.114	D503-V	Tactile Exit Stair Identity
5.115	D504-V	Life Safety Plaque
5.116	D505-V	Evacuation Plan
5.117	D506-V	Stairwell Identity Panel
5.118	D508-V	Tactile Stairwell Level Identity Plaque
5.119	D509-VL	Area of Evacuation Stair Identity
5.120	D510-VL	Area of Evacuation Identity Box
5.121	D512-V	Area of Evacuation Plaque
5.122	D513-V	Maximum Occupancy Plaque
5.123	D514-V	Do Not Enter Gate Panel
5.124	D516-V	Tactile Restroom Identity Plaque

5.125	D517-V	Restroom Identity Door Plaque
5.126	D518-V	Tactile Restroom Vestibule Identity
5.127	D519-V	Restroom Vestibule Pictogram
5.128	D520-V	Infant Changing Station Identity Plaque
5.129	D521-V	Accessible Restroom Stall Identity Plaque
5.130	D522-P	Fire Extinguisher Blade Identity
5.131	D523-P	Defibrillator Blade Identity
5.132	D524-V	Hazmat Regulation Panel
5.133	D525-V	Bag Carousel Warning Sign
5.134	D526-V	Restricted Area Warning Plaque
5.135	D527-V	Exit Only Panel
5.136	D528-V	Do Not Drill Panel
5.137	D529-V	Smoke Doors Panel
5.138	D530-V	Danger Warning Panel

5E. MISCELLANEOUS SIGNAGE

5.140	E100-G	Interpretive Standup
5.141	E500-V	Wall Poster Frame

6. TENANT FACILITIES SIGNAGE

6.01	Overview Information
6.02	Responsibilities & Regulations
6.03	Sign Composition Standards
6.04	Regulatory Code Compliance
6.05	Sign Development Process
6.07	Curbside Overhead Identity
6.07	Curbside Check-in Identity
6.08	Ticket Kiosk
6.08	Check-in Queue Area
6.09	Check-in Backwall Identity
6.09	Check-in Counter
6.10	Bag Size Checker
6.10	Passenger Boarding Area
6.11	Bag Service Office
6.11	Airline Lounge Direction
6.12	Airline Lounge Identity
6.12	Office Identification
6.13	Tenant Building Signage Restrictions
6.14	Building Address
6.14	Facility Address
6.15	Facility Directory Monument
6.15	Facility Direction
6.16	Tenant Office & Warehouse Buildings
6.17	Tenant Hangar & Service Buildings

7. TERMINOLOGY & GLOSSARY

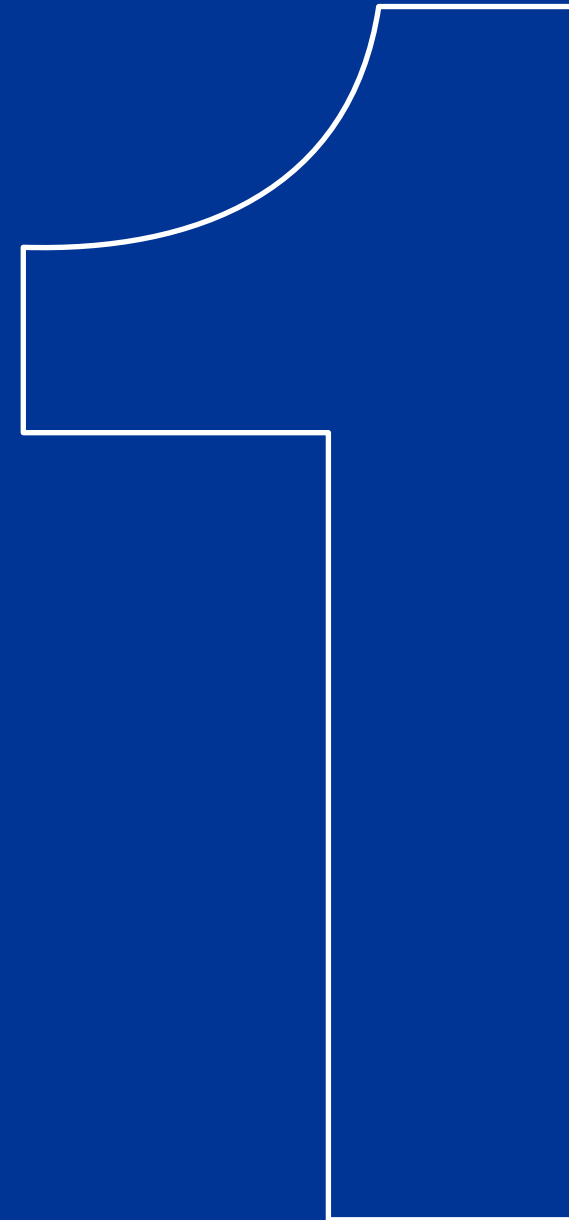
7.01	LAWA Approved Terminology
7.02	LAWA Approved Abbreviations
7.03	Glossary of Signage Terms

8. REFERENCE INFORMATION

8.01	Message Hierarchy Strategy & Terminology
8.02	Sign Type Code Reference
8.02	Message Schedule Example
8.03	Schedule of Sign Types & Quantities Example
8.04	Example Route Map/Sign Location Plan & Message Diagram
8.05	Example Sign Location Plan & Message Diagram
8.06	Governing Codes & Regulations
8.07	General Performance Specifications

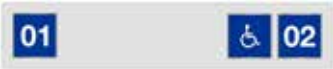
LAWA SIGNS SUMMARY

A visual compilation of approved signs for all
LAWA properties, organized by sign type.

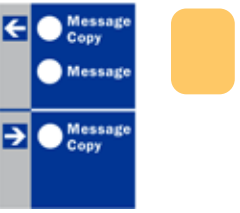
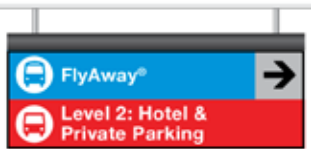


A – IDENTITY SIGNS: EXTERIOR							
							
A100-V Station Identity Letter p 5.01	A101-V Exterior Gate Identity Number p 5.02	A102-V Parking Identity Letters p 5.03	A103-V Building Address Letters – Large p 5.04 Refer to Los Angeles Fire Code, Title 32 (LAFC)	A104-V Building Address Letters – Small p 5.05 Refer to Los Angeles Fire Code, Title 32 (LAFC)	A105-V Parking Structure Identity Letters p 5.06	A106-V Terminal Entry Identity Letters p 5.07	A107-V Security Post Building Identity Letters p 5.08
							
A108-V Overhead Parking Entrance Identity p 5.09	A109-V Site Identity Panel p 5.10	A110-V Site Address Panel p 5.11	A111-GL Site Identity Monument p 5.12	A112-V Terminal Identity Number p 5.13	A113-V Terminal Column Color Band p 5.14	A114-G Pet Relief Station Identity p 5.15	A115-G Parking Lot Identity Pylon p 5.16
							
A116-G Static Bus Stop Identity Pylon p 5.17	A117-GD Dynamic Bus Stop Identity Blade p 5.18	A119-S: Curbside Suspended Vehicle Zone Identity p 5.19	A120-V Jetway Gate Identity p 5.20	A121-V Airside Service Gate Identity p 5.21			

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

A – IDENTITY SIGNS: INTERIOR							
							
A500-V Overhead Gate Identity p 5.22	A501-SD Hold Room Gate Identity Display p 5.23	A502-S Corridor Gate Identity Blade p 5.24	A503-P Baggage Carousel Identity Blade p 5.25	A504-S Suspended Services Identity p 5.26	A505-V Parking Level Identity Number p 5.27	A506-V Parking Structure & Level Identity p 5.28	A507-V Parking Area Identity p 5.29
							
A508-V Parking Fire Extinguisher p 5.30	A509-V Terminal Level Directory p 5.31	A510-V Parking Level Directory p 5.32	A511-V Accessible Vehicle Pick-up Identity p 5.33	A512-V Accessible Vehicle Parking Identity p 5.34 Refer to ADA Accessibility Guidelines (ADAAG)	A513-V Electric Vehicle Parking Identity p 5.35	A514-V Accessible Electric Vehicle Parking Identity p 5.36 Refer to ADA Accessibility Guidelines (ADAAG)	A515-V Clean Air Vehicle Parking Identity p 5.37
							
A516-V Low Emission Vehicle Parking Identity p 5.38	A520-V Customs Counter Identity p 5.39	A521-SDL Customs Overhead Checkpoint Identity p 5.40	A522-V Elevator Core Identity Plaque p 5.41	A523-V General Services Identity Plaque p 5.42	A524-P General Services Identity Blade p 5.43		

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

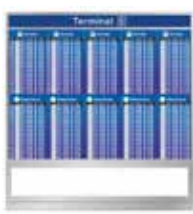
B – DIRECTION SIGNS: EXTERIOR							
							
B100-G Roadway Direction Gantry – Long p 5.45	B101-G Roadway Direction Gantry – Single p 5.46	B102-P Roadway Direction Blade – Large p 5.47	B103-P Roadway Direction Blade – Barrier p 5.48	B104-G Roadway Direction Blade – Medium p 5.49	B105-P Roadway Direction Blade – Bridge p 5.50	B106-G Vehicle Direction Panel – Large p 5.51	B107-G Vehicle Direction Panel – Medium p 5.52
							
B108-G Vehicle Direction Panel – Small p 5.53	B109-P Roadway Direction Blade – Small p 5.54	B110-G Roadway Direction Panel – Small p 5.55	B111-V Curbside Vehicle Direction Panel p 5.56	B112-V Parking Pedestrian Direction Panel p 5.57	B114-G Walk 4-Sided Pylon p 5.58	B115-G Pedestrian Direction Pylon p 5.59	B116-G AirTrain Direction Pylon p 5.60
							
B117-S Curbside Suspended Direction p 5.61	B118-S Curbside Suspended Services Direction p 5.62	B120-SD AirTrain Overhead Direction Dynamic p 5.63	B121-V AirTrain Overhead Direction – 18 p 5.64	B122-V AirTrain Overhead Direction – 24 p 5.65			

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

B – DIRECTION SIGNS: INTERIOR							
							
B504-V Vehicle Direction Overhead Panel p 5.66	B505-V Parking Direction Wall Graphic – Large p 5.67	B506-V Parking Direction Wall Graphic – Small p 5.68	B510-SD Customs Suspended Static/Dynamic – 18 p 5.69	B511-SD Customer Service Suspended Static/Dynamic – 24 p 5.70	B512-S Suspended Pedestrian Direction – 12 p 5.71	B513-V Overhead Pedestrian Direction – 12 p 5.72	B514-S Suspended Pedestrian Direction – 14 p 5.73
							
B515-V Overhead Pedestrian Direction – 14 p 5.75	B518-S Suspended Pedestrian Direction – 18 p 5.75	B519-V Overhead Pedestrian Direction – 18 p 5.76	B524-S Suspended Pedestrian Direction – 24 p 5.77	B525-V Overhead Pedestrian Direction – 24 p 5.78	B530-S Suspended Pedestrian Direction – 30 p 5.79	B531-V Overhead Pedestrian Direction – 30 p 5.80	B533-GLD Terminal 4-Sided Pylon p 5.81

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

C – INFORMATION SIGNS: EXTERIOR							
							
C100-GD AirTrain Pylon – Large p 5.83	C101-GD AirTrain Pylon – Small p 5.84	C102-GD AirTrain Platform Pylon – Small p 5.85	C103-GD AirTrain Flight Information Display p 5.86	C105-GD AirTrain Digital Information Display p 5.87	C106-V Curbside Poster Frame p 5.88	C107-V Parking Pay Station p 5.89	

C – INFORMATION SIGNS: INTERIOR							
							
C500-GD Terminal Check-in Pylon p 5.90	C501-GD Terminal Flight Information Display – Large p 5.91	C502-GD Information Pylon – Small p 5.92	C504-GD Escalator Directory Pylon p 5.93	C506-VD Curbside Overhead Dynamic Info p 5.94	C507-GD Bag Carousel Information Display p 5.95		

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

D – REGULATION SIGNS: EXTERIOR							
D100-S Vehicle Clearance Bar p 5.97	D101-V Attention Warning Panel p 5.98	D102-G Accessible Route Identity p 5.99	D103-G Warning Private Property p 5.100 Refer to California Vehicle Code (CVC)	D104-G Keep Clear Caution – Ground p 5.101	D105-V Parking Evacuation Plan p 5.102 Refer to Los Angeles Fire Code, Title 32 (LAFD)	D106-V Tactile Parking Stairwell Identity Plaque p 5.103	D107-V Parking Exit Overhead p 5.104
D108-V Keep Clear Caution Plaque p 5.105	D109-V Terminal Entrance Decals p 5.106	D110-V Terminal Entrance Door Identity p 5.107	D111-V Airport Closed Warning Panel p 5.108	D115-G AirTrain Conduct Pylon p 5.109	D116-V Station Rules Plaque p 5.110		

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

D – REGULATION SIGNS: INTERIOR							
D500-V Door Tag Identity p 5.111 Refer to California Building Standards Code, Title 24	D501-V Room Identity Plaque p 5.112 Refer to California Building Standards Code, Title 24	D502-V Exit Route Plaque p 5.113 Refer to California Building Standards Code, Title 24	D503-V Tactile Exit Stair Identity p 5.114 Refer to California Building Standards Code, Title 24	D504-V Life Safety Plaque p 5.115 Refer to Los Angeles Fire Code, Title 32 (L AFC)	D505-V Evacuation Plan p 5.116 Refer to Los Angeles Fire Code, Title 32 (L AFC)	D506-V Stairwell Identity Panel p 5.117 Refer to Los Angeles Fire Code, Title 32 (L AFC)	D508-V Tactile Stairwell Level Identity Plaque p 5.118 Refer to California Building Standards Code, Title 24
D509-VL Area of Evacuation Stair Identity p 5.119 Refer to Los Angeles Fire Code, Title 32 (L AFC)	D510-VL Area of Evacuation Identity Box p 5.120 Refer to Los Angeles Fire Code, Title 32 (L AFC)	D512-V Area of Evacuation Plaque p 5.121 Refer to California Building Standards Code, Title 24	D513-V Maximum Occupancy Plaque p 5.122 Refer to California Building Standards Code, Title 24	D514-V Do Not Enter Gate Panel p 5.123	D516-V Tactile Restroom Identity Plaque p 5.124 Refer to California Building Standards Code, Title 24	D517-V Restroom Identity Door Plaque p 5.125 Refer to California Building Standards Code, Title 24	D518-V Tactile Restroom Vestibule Identity p 5.126 Refer to California Building Standards Code, Title 24
D519-V Restroom Vestibule Pictogram p 5.127	D520-V Infant Changing Station Identity Plaque p 5.128	D521-V Accessible Restroom Stall Identity Plaque p 5.129	D522-P Fire Extinguisher Blade Identity p 5.130	D523-P Defibrillator Blade Identity p 5.131 Refer to California Building Standards Code, Title 24	D524-V Hazmat Regulation Panel p 5.132	D525-V Bag Carousel Warning Sign Plaque p 5.133	D526-V Restricted Area Warning Plaque p 5.134

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

D – REGULATION SIGNS: INTERIOR

WARNING EMERGENCY EXIT ONLY Door To Remain Unlocked At All Times Do Not Prop Door Open Door Monitored By Alarm EXIT ONLY NO ENTRY	ATTENTION DO NOT CORE, DRILL, OR PENETRATE ROOF SLAB WITHOUT PRIOR APPROVAL OF STRUCTURAL ENGINEER	WARNING Smoke Doors In Operation When Amber Lights Are Flashing. Vacate Area	DANGER BATTERY ROOM THE ROOM CONTAINS LEAD-ACID BATTERY SYSTEMS. THE ROOM CONTAINS ENERGIZED ELECTRICAL CIRCUITS. THE BATTERY ELECTROLYTE SOLUTIONS, WHEN PRESENT, ARE CORROSIVE LIQUIDS.				
D527-V Exit Only Panel p 5.135	D528-V Do Not Drill Panel p 5.136	D529-V Smoke Doors Panel p 5.137	D530-V Danger Warning Panel p 5.138				

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

E – MISCELLANEOUS SIGNS: EXTERIOR							
							
E100-G Interpretive Standup p 5.140							

E – MISCELLANEOUS SIGNS: INTERIOR							
							
E500-V Wall Poster Frame p 5.141							

Note: For sign specifics, see page referenced above in Section 5, Sign Type Design Details.

GENERAL INFORMATION

The purpose of the LAWA Signage Standards is to establish and maintain a cohesive identity and wayfinding sign system at each of our airports and all service properties. Our goal is to direct passengers with clear navigation information while enhancing the airport environment experience. The standards will enable us to react quickly to ever-changing processes and needs.



PURPOSE & SCOPE

Intent of Wayfinding Signage & Signage Standards

The intent of wayfinding signage is to inform and direct. Our signage system is designed to guide passengers and promote effortless navigation.

To improve the effectiveness of our signs we have developed a standardized system of sign types and uses, message criteria, approved iconography, colors, and fabrication materials. Our goals for the system are to:

- provide concise messages in a consistent style at key decision points
- augment sign versatility and maintenance, and
- improve the identity of all shared LAWA facilities.

The aim of the LAWA Signage Standards is to provide sufficient information to guide our wayfinding efforts while being flexible enough to adjust to special requirements. Some situations may necessitate additional interpretation of the standards. Please consult the sign program office at LAWASignRequest@lawa.org.

This document provides uniform and consistent wayfinding signage guidelines and serves as the master reference for LAWA personnel, consultants, and tenants.

Scope

The LAWA Signage Standards addresses interior and exterior wayfinding signs that provide direction, identification, and information to the public. Airport signage areas include:

- Terminals
- Central Terminal Area (CTA)
- Roadways
- Parking Facilities
- AirTrain
- Service Properties
- Tenant Facilities

Note that not all signs in the LAWA system will be used in each of these areas.

To help maintain the viability of our signage system, we encourage everyone involved with Los Angeles World Airports to submit photographs and the locations of signs that are not included in this document to the Signage & Graphics Manager.

Out of Scope Signage

Signage not governed by the LAWA Wayfinding Signage Standards include:

- Vehicle signs regulated by the Manual on Uniform Traffic Control Devices (MUTCD)
- Vehicle pavement markings
- Non-public areas of LAWA properties
- Airside Pavement Markings and Signage

LAWA requirements for airside pavement markings and signage are based upon Federal Aviation Administration (FAA) Advisory Circulars and adopted portions of the International Civil Aviation Organization (ICAO), Annex 14 to the Convention on International Civil Aviation. Refer to the LAWA Design & Construction Handbook (DCH) Sections listed here:

9.18 Airfield Design Provisions Section 62 Pavement Marking (FAA P-620) Closure Markings, Construction Barricades, Markers and Signs

9.19 LAWA Standard Plans for Airfield Projects, Standard Plans Numbers 50.01 through 50.08

9.21 Aircraft Terminal Parking Positions Striping Checklist

LAWA Airside Planning, Engineering and Operations are the primary reviewers of all proposed Airside Pavement Markings and Signage covered by these DCH sections.

Unauthorized Signage

Signs not approved by the LAWA Signage Manager and signs not covered in the LAWA Wayfinding Signage Standards are strictly prohibited and may not be posted or otherwise displayed on LAWA property. These may include but are not limited to:

- Signs produced on office printers
- Paper, poster, or foam board signs
- Handwritten signs
- Banners
- Vertical lettered signs
- Labels, stickers, and decals
- Signs mounted with visible tape or staples

For unusual or specific requirements please contact the Signage & Graphics Manager, Planning & Development Group.

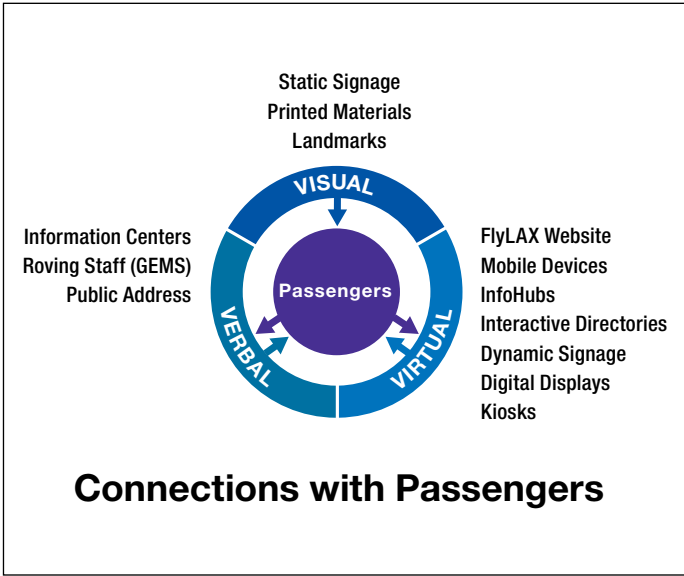
LAWA WAYFINDING PROGRAM MANAGEMENT

Wayfinding Principles, Strategic Approach, and Criteria

In 2020, LAWA adopted a comprehensive wayfinding strategy rooted in aviation research and established wayfinding theory; concepts that ensure a solid foundation to guide a positive passenger experience. The strategy evolved from detail analysis of the entire airport campus – with consideration for both the airport’s existing and future states of development. The analysis methodology was based upon a look, listen, and learn approach to evaluate how information should be conveyed across multiple communications platforms at LAWA properties.

LAWA’s over-arching wayfinding logic guides the design and implementation of wayfinding to provide consistency and connectivity between all elements of LAWA properties. The goal is to educate the passenger and answer fundamental questions like “Where am I?” and “What’s next?” using an array of wayfinding elements.

Fig 2.1: The 3Vs of effective wayfinding influence multiple connections with passengers



Eight Wayfinding Guiding Principles

LAWA wayfinding is administered under the following guiding principles:

Principle 1. Adopt and enforce policies, principles, criteria, and standards that govern wayfinding information.

Policies are set by LAWA senior leadership and determine the course of action. Principles provide fundamental guidance and general rules intended to be applied holistically throughout passenger journey segments. Criteria and standards establish the what, why, and where as well as the details for specific wayfinding elements.

Principle 2. Implement a consistent wayfinding approach.

Consistency across all communication platforms is vital to the development of a reliable wayfinding approach. It forms the basis of LAWA’s wayfinding system and is the foundation of the 4 Cs of Wayfinding:

- Consistency
- Continuity
- Connectivity, and
- Confirmation.

The 4 Cs are necessary to review, analyze, and respond correctly and effectively to changes in the airport environment. Proper planning and placement of messages that follow the 4 Cs expedites the wayfinding experience as passengers receive the right information when and where they expect to find it.

C1: Consistency

Consistency builds the backbone of the wayfinding system. From the first interaction the passenger has and throughout each segment of their journey, information must be presented in a consistent manner across all forms of communication: verbal, visual, and virtual.

Words spoken by airport and airline staff, words displayed on wayfinding signs, and words appearing on FlyLAX.com, airline websites, and smartphone applications, must communicate consistently. Consistency is equally important when it comes to graphic information such as maps of the airport, roadways, parking structures, terminals, AirTrain, ground transportation facilities, and rental car center. Consistency is necessary in sign types and sizes, sign locations, message layouts, typography, colors, and graphics.

As a means to achieve consistency throughout messages, the LAWA Signage Standards includes a LAWA Approved Terminology page in Section 8, Reference Information with a list of nomenclature intended for use on all wayfinding and communication platforms across our campuses. See Section 4, Graphic Standards for guidelines regarding layout elements.

C2: Continuity

Continuity provides a continuous common thread of wayfinding information throughout the passenger’s journey. These links in a “wayfinding chain” get passengers from one decision point to the next, until their final destination is reached. If a link is missing or broken, passengers may become lost or confused.

C3: Connectivity

Connectivity in the wayfinding system is achieved when the information provided to the passenger is provided when the passenger needs it. In other words: the right message, at the right location, at the right time.

When considered as a whole, the configuration of LAWA properties results in a wayfinding system that can be described as non-linear and more analogous to a spider web. This means the wayfinding associated with each journey segment is connected to the next. Understanding interdependencies is essential to maintaining the consistence and continuity of the airport-wide wayfinding system. Interdependencies may occur within a terminal, across terminals, or airport-wide.

C4: Confirmation

Confirmation creates “you are here” moments that answer the “Where am I?” question, letting the passenger know where they are along their journey and confirming their destination upon arrival.

Principle 3. Visual hierarchy focused on a wayfinding first approach.

The wayfinding system performs an essential function by guiding passengers through the airport. With acknowledgment of this vital passenger experience role, wayfinding is given balanced priority over other visual elements, such as, advertising, retail concessions signage, and public art. Understanding the importance of non-aeronautic revenue generated by advertising and concessions programs and the enriching enhancement offered by the public art program, LAWA’s policy is to work collaboratively toward hierarchical balance of wayfinding and these visual elements.

To this end, wayfinding signage complying with these standards will visually distinguish itself from other visual elements within the field of vision. Non-wayfinding visual elements should avoid use of LAWA Blue (refer to Chapter 2 Graphic Standards) or similar. Advertising, retail identity signage, and other signage will be located so as not to compete with wayfinding signage.

Principle 4: Implement a digital strategy that provides operational flexibility with real time information.

LAWA’s goal is to develop and maintain a wayfinding system which properly balances the complementary use of static, dynamic, and digital information. Digital information and dynamic messaging is needed where real time information provides connectivity to the passenger experience and where operational flexibility is needed. Placing digital technology where dwell time naturally occurs in the passenger journey creates an opportunity to inform the airport guest what comes next in their journey.

Examples of real time information helpful to the airport passenger include, but are not limited to, flight and bag claim information displays, smart parking displays of available parking stalls, over-roadway signs communicating airport conditions and other information.

Examples of dwell time where digital or dynamic displays may be used to enhance the passenger experience may include, but are not limited, to check-in queue, security check point queue, baggage claim, and AirTrain platforms.

Locations where operational change and/or flexibility is desirable include, but not are limited to land side drop-off/pick-up curb zones, intra-terminal transfer gates (commonly referred to as Bus Gates), airline identification signs, and airport access roadways.

Principle 5: Provide adjacency of information and types of information.

The goal of this principle is to bundle information the passenger needs at key wayfinding decision points in order to empower them with the knowledge necessary to be in control of their journey. Adjacency of information strategically links the 3 Vs of communication – visual, virtual, and verbal – to support the journey and delivers “continuity” of the wayfinding system.

Visual communication types include:

- static signage
- dynamic displays
- maps
- directories
- landmarks

Virtual communication types include:

- FIDS, BIDS, GIDS
- interactive kiosks
- websites
- mobile device apps

Verbal communication types include:

- information desk
- public address
- human assistance

Principle 6: Answer the top wayfinding question: “Where am I?”

Passenger orientation – knowing where you are – is the essential insight of any wayfinding journey. The “You are Here” concept takes two forms at key decision points along the route: a “You Are Here Moment” and a “You Are Here Identification”.

You Are Here Moment (YAHM): is an opportunity to put into practice Guiding Principle 5: Adjacency of Information by bundling information the passenger needs at key wayfinding decision points. Ideal airport locations include: immediately after the security screening check point, at the arriving passenger’s threshold to bag claim, at remote ground transportation pick-up and drop-off locations, and the rental car center. Within the terminals, the general spacing of YAHMs is approximately 1,000 feet depending on building configuration.

You Are Here Identification (YAHID): is an opportunity to remind passengers where they are by including an identifier at site and building thresholds, at YAHMs, elevator directories, parking structure level/row identifiers, AirTrain platforms, bag claim carousels, pick-up and drop-off curbs, etc.

Principle 7: Inform the passenger of “what’s next.”

Equipping passengers with knowledge about what to expect gives them a feeling of being in control of their journey. This objective may be accomplished with a digital strategy capable of delivering real-time information; adjacencies of information that tell a wayfinding story, and answering the question “where am I?”

Analysis of passenger experience indicates that answering the “what’s next?” question to be most important for passengers at journey transitions such as these examples at LAX:

- Connecting passengers who need to quickly orient and understand where they are and how to get to their departure terminal and gate
- International to domestic connecting passengers who recheck bags and depart from another domestic terminal
- Arriving passengers connecting to ground transportation which may be located at the Central Terminal Area arrivals or departure pick-up curbs, Station E or F pick-up curbs; or those renting an automobile at the Rental Car Center
- Departing passengers connecting to airplanes need advance information about their flight's terminal and gate along with the corresponding AirTrain stop. Transition points include the AirTrain from Station G at the Rental Car Center, Station F from Metro rail, municipal bus lines and scheduled airport shuttle services, Station E from economy parking, ride app services, taxis and shuttles.

Principle 8: Provide Direct Line of Sight. Leverage direct line-of-sight with clear identification.

Line of sight is a key factor for locating wayfinding signage along the route. Care must be taken to assure that signs are placed directly within the passenger’s field of vision and not obscured by advertising, concessions and/or public art. See Guiding Principle 3: Visual Hierarchy.

Line of sight is important to intuitive wayfinding and informs facility design. To the extent possible, configuring buildings so users can see where to go next reduces reliance on wayfinding signage. For example, being able to see the entrance to the security screening check point (SSCP) from the terminal check-in lobby or viewing the gate hold rooms from the SSCP exit are advantageous, as are locating vertical transportation within open view and pairing escalators with elevators in terminal cores.

LAWA WAYFINDING METHODOLOGY & SIGNAGE INTENT

Wayfinding Methodology

LAWA’s guiding principles for wayfinding are thoroughly covered in the document *Wayfinding Assessment of Future Projects*. The objectives of our wayfinding methodology include:

- identifying origins and destinations
- mapping travel routes
- determining key decision points and orientation
- strategically locating signs
- presenting concise, consistent directions and information.

Strategic Approach & Criteria

A successful airport wayfinding program shall perform an analysis of the passenger’s journey from pre-trip planning to departure, arrival to final local destination, and gate-to-gate connections in order to:

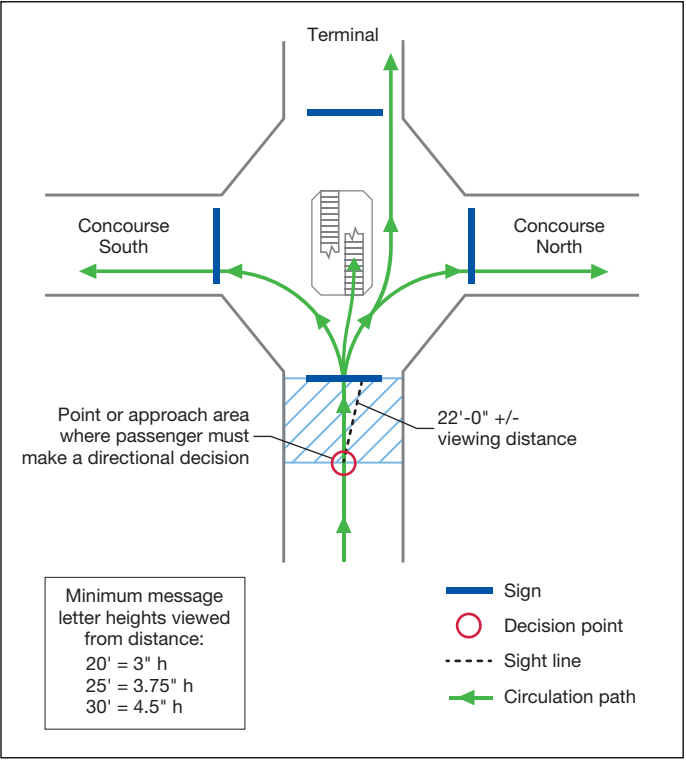
- successfully apply the 8 Wayfinding Guiding Principles
- determine touch points that require navigational decision-making by the passenger
- appropriately locate wayfinding elements to aid these decisions.

The analysis must extend reasonably beyond the project’s limits in order to assure continuity of the wayfinding system throughout the campus.

Wayfinding Planning Guidelines and Best Practices

- Identify origin, primary and secondary destinations
- Map out travel routes to primary destinations
- Locate signs at key decision points and slightly in advance of intersections
- Compose messages for primary direction signs; include secondary destinations only as needed
- Pinpoint areas along routes that need supplemental direction and information signs
- Compose sign messages for supplemental direction and information signs
- Use consistently approved sign types, messages, symbols, colors, and materials only

Fig. 2.2: Decision point sign placement methodology



MESSAGE STRATEGY & TERMINOLOGY

Message Consistency

All messages in the LAWA signage system must be composed with clarity and consistency in terminology and style. This is paramount to presenting information clearly, preventing confusion, and easing navigation through our facilities.

Visual Message Hierarchy

All information on a sign is not equal in importance. Based on the sign’s location along the route, information is presented with the most important message acquiring the highest visibility. Primary destinations are typically placed in the first or highest position, with secondary and tertiary destinations in less prominent placement.

Message hierarchy is determined by sign location, travel direction, and destination order. The sequence of messages leading to a destination starts with general information closest to route origin and proceeds to more specific information near route destination. Sign content shall be limited to the most critical information for the decision point or juncture along the route.

The following visual criteria apply:

- 1. Wayfinding and secondary informational signage shall be the most prominently displayed element within the visual field, particularly at critical points along the journey.
- 2. Line of sight to wayfinding signage will not be infringed by advertising, public art, retail concessions, and branding.
- 3. To the extent possible, public art installations will be located to also serve as wayfinding landmarks.

For an example of the LAWA message hierarchy refer to Section 8, Reference Information, fig. 8.1.

LAWA Message Schedule & Message Diagram

A Message Schedule shall be completed for each signage project during the project submittal phases. Refer to the example depicted in Section 8, Reference Information, fig. 8.3.

A Message Diagram is necessary for each signage project to prepare proper messages at each sign location. Refer to the Message Diagram example in Section 8, Reference Information, fig. 8.4.

LAWA Message Usage & Style

All sign messages shall follow the following usage standards and conform to the guidelines depicted in the typography layouts (Section 4, Graphic Standards) and detail drawings (Section 5, Sign Type Design Details).

Word Style

- All messages use roman style characters. Do not use *italics*.
- Letter and word spacing shall conform to ADA requirements for legibility.
- Titling capitalization is preferred for direction messages; except articles, conjunctions, and prepositions, (ex: Escalator to AirTrain).

Grammar

- Messages must be concise. Do not use unnecessary words.
- Sentences shall be succinct. Avoid redundancy and wordiness.
- Apply a positive emphasis. Restrict use of “only,” “no,” “not,” and “do not” in messages.

Punctuation

- Punctuation shall be avoided.
- Avoid hyphens wherever possible. Hyphens shall be used only in the conventional ways; do not use to substitute a comma, as a dash, or in place of “to”. Refer to the list of approved terminology for compound words (ex: Drop-off).
- The ampersand (&) is used instead of the word “and” only when two conjoining words have the same relevance, (ex: Zones 1 & 2).

Abbreviations

- Abbreviations shall be avoided wherever possible. Refer to the list of approved abbreviations in Section 7, Terminology & Glossary. Do not use punctuation with abbreviations (ex: Century Bl, not Century Bl.).

Arrows

- Arrows indicate a path of direction.
- An arrow pointing up shows the path of travel is either straight ahead or ascends in elevation.
- An arrow pointing down shows the path of travel descends in elevation or indicates a place to stand such as a pick-up point.
- Arrows point downward for straight ahead only, if there is a downward gradient ahead.
- Wherever possible, arrows shall point towards the destination being directed to, not into the text.

Refer to the LAWA Approved Direction Arrows diagram in Section 4, Graphic Standards.

Bullets

- Bullets are used to separate words in a running list on some signs in place of commas. Do not use commas.

LAWA WAYFINDING SIGNAGE PROJECT APPROVAL PROCESS

Range of Signage Projects

The scope of signage projects range in scale, cost and complexity from a single sign located within a terminal or along the roadway to new signs for an entire terminal or other airport facility. The signs may all be static or a mix of static, dynamic and digital types.

Regardless of size, all signage projects shall adhere to the *LAWA Design and Construction Handbook* of which these Signage Standards are a part. All proposed wayfinding signage and graphic improvements shall be reviewed and approved by LAWA Wayfinding Signage & Graphics Group.

No sign shall be installed without prior LAWA approval. This approval requirement applies to all proposed signs, including, but not limited to new signs or modifications to messages on existing signs, as well as the wayfinding signage and graphics components of all Tenant Projects and Capital Improvement Projects or other project types proposed on airport property.

Projects With a Signage Component

A Concept Request Form is to be completed by the Applicant/Tenant and mailed to projectapprovals@lawa.org in order to initiate a Concept Review. If assistance is needed completing the form or providing supporting documents, please contact your designated Business Relations Manager (BRM) in the Commercial Development Group (CDG). Concept Request forms can also be found at <https://www.lawa.org/crf> and <https://www.lawa.org/wrf>.

Other Projects

Projects for which the LAWA Senior Management Team may have established an approval process other than through the Concept Request Process shall submit all wayfinding signage and graphics progress documents mirroring the guidelines for submittals required for Tenant and Capital Improvement Projects for each design and construction documents phase.

The review performed by the LAWA Wayfinding Signage & Graphics Group will be for compliance with the Airport-wide Wayfinding Approach, Principles & Criteria and the LAWA Signage Standards.

Project Definition

- Step 1: Sign Appraisal**
- This initial planning step helps determine scope, budgeting, and scheduling. Considerations may include:
- Purpose
 - Facilities included and affected
 - Sign types and quantities need
 - Special circumstances
 - Temporary replacements
 - Anticipated schedule
 - Resources available
 - Alternate solutions
 - Sign fabrication and installation resources

- Step 2: Site Survey**
- This step is critical in preparing documents required for the submittal process. Helpful suggestions include:
- Use current architectural plans
 - Be accurate and as detailed as possible
 - Use the LAWA Sign Code to identify each sign location on the plan
 - Take photos of each sign location
 - Determine impact to the existing sign system

- Step 3: Project Submittal**
- Complete a Signage Project Submittal Form and deliver to PERT.
- The submittal will be reviewed by the Signage & Graphics Manager and processed for planning.

Signage Project Contact

Please contact:
Signage & Graphics Manager
Los Angeles World Airports
Planning & Development Group
Email: LAWASignRequest@lawa.org

Sign Request

All sign requests, modifications, additions, removals, and maintenance, not related to a construction project, must be requested by submitting a sign request form; found at www.lawa.org/signrequestform.

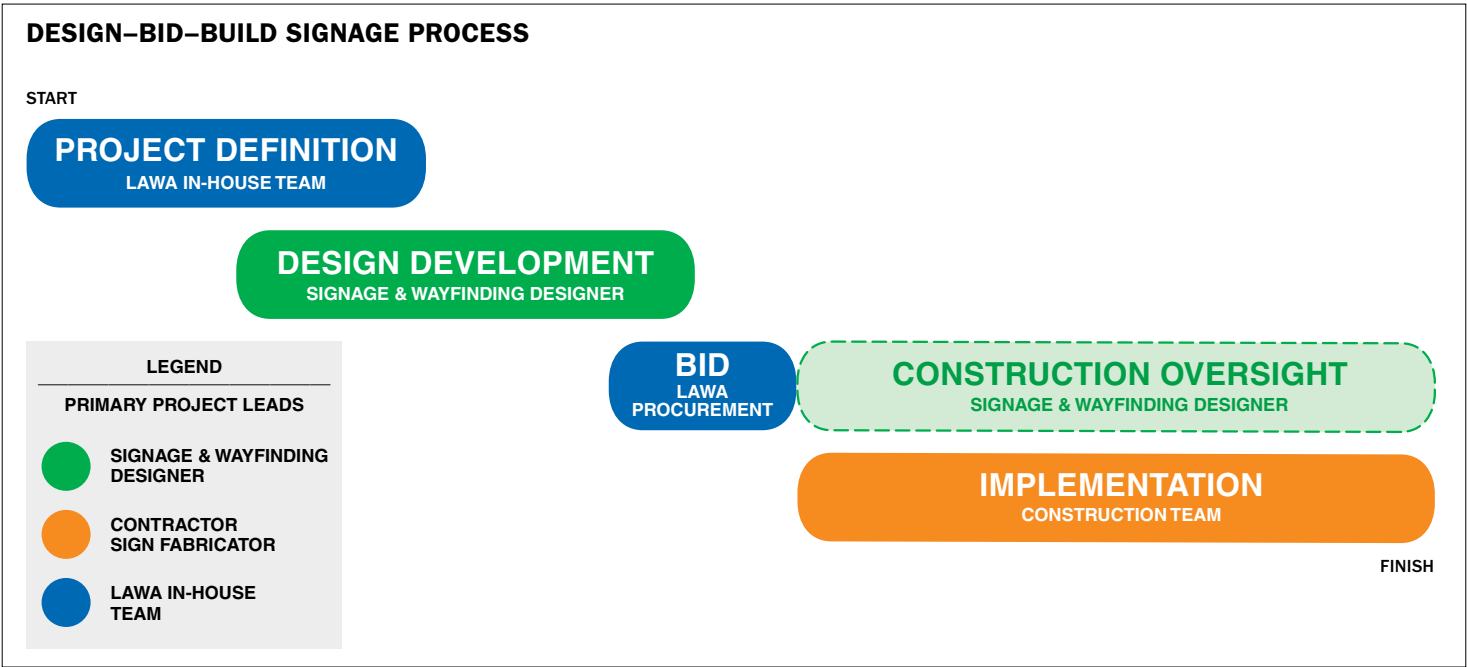


Fig. 2.3: Sign procurement projects require planning and coordination between multiple parties from concept through implementation.

PHASES & REQUIREMENTS FOR NEW SIGNAGE PROJECTS

Phase 1: Schematic Design (30%)

The schematic design phase shall provide a thorough understanding of signage, define clear project goals, and demonstrate collaborative buy-in among all project participants. To define the project the following components shall be included for Phase 1 submittal.

1.1 Route Map

A travel route diagram showing origin and primary destinations on an architectural plan with correct scale indicated. The route shall be indicated as a solid green line. Key decision points shall be depicted as red circles. Refer to Section 8, Reference Information, fig. 8.5.

1.2 Sign Plan and Messages

A Sign Location Plan & Message Diagram indicating the proposed locations of all new signs and their messages, as well as all pertinent existing signs and their messages, shall be diagrammed on an architectural plan in the correct orientation. New signs shall be shown as a solid blue rectangle. Existing signs shall be depicted as an outlined blue rectangle. Use solid black leader lines to join sign location rectangles to their corresponding messages. Include correct direction arrows and symbols. Include a key map of the facility and highlight the project area with solid fill or shading. Refer to Section 8, Reference Information, fig. 8.5.

In addition, a Message Schedule shall be completed per the example in Section 8, Reference Information, fig. 8.3. Photographs of existing signs with clearly legible messages are recommended.

1.3 Sign Types & Quantities Summary

A matrix of required sign types shall be included. Indicate the quantity of each sign type required. Specify illumination type or non-illuminated, dynamic data and power requirements if applicable. This information is useful for estimating project costs. Refer to Section 8, Reference Information, fig. 8.4.

Phase 2: Preliminary Design (60%)

Upon approval of Phase 1 by the LAWA Wayfinding Group, the preliminary design phase shall further develop the project. Concept renderings, design detail drawings, and 3D study models are the preferred means of presentation in the Preliminary Design phase.

2.1 Route Map

The travel route diagram showing origin and primary destinations on an architectural plan shall be further refined. Refer to Section 8, Reference Information, fig. 8.5.

2.2 Sign Location Plan & Messages

The Sign Location Plan & Message Diagram shall be further developed. Refer to Section 8, Reference Information, fig. 8.5.

In addition, the Message Schedule shall be further refined. Refer to the example in Section 8, Reference Information, fig. 8.3. Photographs of existing signs with clearly legible messages are recommended.

2.3 Sign Types & Quantities Summary

The Sign Types & Quantities Summary matrix shall be further refined. Include the correct Sign Type Code for each new sign. Refer to Section 8, Reference Information, fig. 8.4.

2.4 Sign Detail Drawings & Message Layouts

Each proposed sign shall include scaled detail drawings depicting sign face layouts, overall dimensions, views of each side, section views, and typical details. Notes regarding fabrication and installation requirements shall be included. Each sign shall be labeled with the correct Sign Type Code. A sign message layout is required for each new sign. Refer to Section 5, Sign Type Design Details.

Phase 3: Final Design (100%)

The Phase 3 100% design submittal shall include completed:

- Route Map
- Sign Location Plan & Message Diagram
- Sign Detail Drawings
- Sign Message Layouts
- Message Schedule
- Specifications
- Cost Estimate
- Contract Documents
- Interior elevations and/or 3D perspectives

Phase 4: Fabrication & Installation

The Phase 4 submittal shall include:

- Shop Drawings
- Prototypes
- Installation Schedule

Phase 5: Review & Approval

Phase 5 will conclude with LAWA Wayfinding Group's review and approval of the following:

- Shop Drawings
- Prototypes
- Design Intent Compliance
- Sign Location Plan & Message Diagram
- Message Schedule
- Installation Close-out
- Conformed Set and As-built Drawings

GUIDELINES FOR TEMPORARY SIGNAGE

General

Construction activity can create very complex navigational challenges for the passenger. Temporary signs may be necessary to safely and efficiently move passengers through the airport environment in affected areas. The primary goal of the temporary signs is to maintain the integrity of the wayfinding system.

It is important to have consistency between permanent and temporary signs. Temporary signs will be similar in appearance with the exception of fabrication materials and mounting methods. This process allows the signage system to maintain visual continuity, clear messaging, and a sense of permanence; instilling confidence in passengers as they navigate the airport.

The PDG Sign Shop will design and produce all temporary wayfinding signage necessary during construction and/or as a result of construction as an interim solution to a forthcoming permanent plan.

Obtaining Temporary Signs

Three weeks prior to the start of any project, a barricade and temporary signage site walk shall take place in order to determine necessary signage that may be needed during construction. Based on the site walk the PDG Sign Shop will then:

- Draft a Sign Plan
- Distribute the Draft Sign Plan to the Project Manager, Airport Operations Zone Manager, and any necessary stakeholders for review and comment
- Schedule any follow-up site walks as needed to verify sign plan in the field
- Schedule a site walk for future phases
- Revise and resubmit Sign Plan
- Produce Signs
- Schedule Installation or Delivery

To schedule a site walk contact the Signage Manager at the Construction Sign Shop.
Email: Aflores@lawa.org

Installing Signs

Whenever possible, the PDG Sign Shop will install the signs. However, due to project timing, sign locations or necessary mounting methods, some signs will require installation by a contractor. The signs and sign location plan will be provided to the contractor for such instances.

Sign Holders

Appropriate sign holders such as A-frames and stanchion frames will be provided along with temporary signs as necessary. Sign holders shall be placed in accordance with the approved sign plan and must be returned once the detour is no longer in affect.

Maintenance of Signs and Sign Holders

The PDG Sign Shop is responsible for maintaining all temporary signs and sign holders for the duration of the project. The contractor is responsible for reporting any defaced, damaged or missing signs or sign holders to the PDG Sign Shop. All signs and sign holders must be returned to the PDG Sign Shop when the project or associated phase of the project is completed.

GUIDELINES FOR TEMPORARY SIGNAGE

Project Identification Sign

One 12" x 12" project identification sign shall be placed on every construction entrance in public areas. Only one sign is needed on a set of double doors. All other regulatory signs shall be placed on the inside of the work area.

These signs will be provided by the Construction Sign Shop based on the barricade plan or site walk. Additional or replacement signs are available upon request.

- The sign shall have the following information (see sign type D526-V):
- Caution
 - Construction Area
 - Authorized Personnel Only
 - Project Title
 - Contractor name
 - Contractor logo
 - Contractor phone number

Promotional Signs

Contractor and their sub-contractors shall not display company signs and logos in public areas.

Coming Soon Graphics

The LAWA Project Manager will notify the Contractor of any Airport approved graphics and messaging other than wayfinding required for placement along the barricades and/or fencing during construction.

Acceptable Caution and Warning Signs

In addition to one 12" x 12" project identification sign, upon occasion, it may be necessary to post signage on the public facing side of barricading or doors for public safety. When it is necessary to advise the public of a potential safety hazard such as welding, laser in use, and/or powder actuated tools in use, please notify the PDG Sign Shop in advance of these activities for temporary warning signage.

Signs not produced or installed by the Construction Sign Shop

- The PDG Sign Shop does not produce or install the following types of signs:
- Permanent signs
 - Roadway traffic detour signs
 - Backlit signs
 - Signs requiring electricity
 - Taxiway signs
 - Runway signs
 - Braille signs
 - Non-construction project related signs
 - Contractor signage (OSHA requirements, safety rules, operations information, etc.)

Prohibited Temporary Signs

- Signs not approved by the LAWA Project Manager are strictly prohibited and may not be posted or otherwise displayed on LAWA property. These may include but are not limited to:
- Signs produced on office printers
 - Paper, poster or foam board signs
 - Hand-written signs
 - Banners
 - Vertical lettered signs
 - Labels, stickers, and decals
 - Signs mounted using visible tape or staples

For specific requirements please contact:
Signage & Graphics Manager
Los Angeles World Airports
Planning & Development Group
Email: Aflores@lawa.org

Fig. 2.4: Example of a temporary construction area panel sign.



SIGN TYPE CODE CONVENTION

Wayfinding Sign Type Code

All signs in our wayfinding system are referenced with a sign type code. The code is composed of a combination of letters and numbers. This reference code is used to identify signs on the sign location plan.

- Signs are coded by:
- Function (letter)
 - Status (three-digit number)
 - Mounting (letter)
 - Style (letter)

The following example diagrams the sign type code convention.

Sign Type Code Convention

Function	Mounting	Style
A Identity	G Ground	L Illuminated
B Direction	P Projecting	D Dynamic
C Information	S Suspended	
D Regulation	V Vertical Surface	
E Miscellaneous		

Sign Type Series Numbering

Sign type numbers are series-based and determined by status.

Sign Type Series	Sign Status
100 – 499	Exterior Signs
500 – 999	Interior Signs

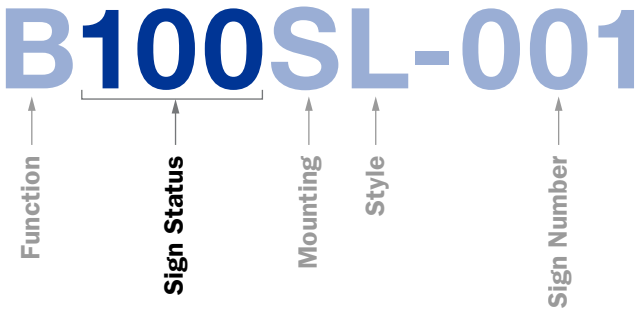
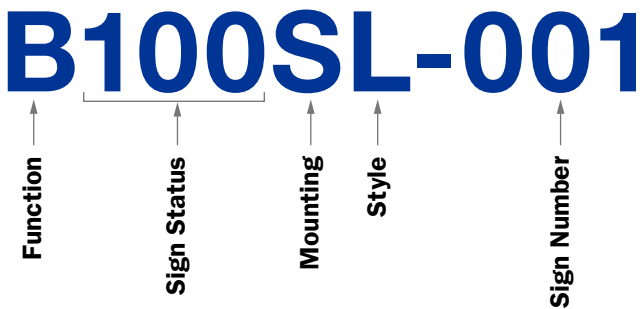


Fig. 2.5: Sign type A524-P, an interior blade identity sign



SIGNAGE MAINTENANCE

Annual Maintenance Schedule

All signs, both internal and external, in LAWA’s facilities shall be inspected and cleaned bi-annually to maintain a high quality finish and achieve longevity. In addition, site-wide inspections shall occur after earthquakes, power outages, heavy rainfall, and high wind conditions.

Inspection

Regular sign inventory inspections shall include all signs in the following categories:

- Identity Signs
- Direction Signs
- Information Signs
- Regulation Signs
- Miscellaneous Signs

Specific examples of sign types are included in the detail drawings section of this document for reference.

Signage inspections shall include the following steps:

1. Physical inspection and photographic documentation.
2. Completion of the Damage Report/Repair Request.

The signage inspector shall maintain a photographic archive of each sign. Dated record updates will occur upon sign installation and at regular inspections.

The Inspection Damage Report/Repair Request will detail all damage and repairs needed and confirm completion of these tasks:

- a. Complete photographic documentation.
- b. Note message updates where applicable.
- c. Enter message updates into database (upon validation).
- d. Remove damaged signs promptly.
- e. Check and test all illuminated signs to ensure proper performance.

- f. Tighten screws, bolts, and fasteners periodically. Replace missing fasteners promptly.
- g. Check sign cabinets and support structures for cracks and vandalism.
- h. Remove broken components and replace promptly.
- i. Clean graffiti immediately.
- j. Touch up damaged paint promptly.
- k. Cleaning.

Inventory Oversight

Inventory inspection information will be managed as a shared database with Facilities, Maintenance, Utilities Group (FMUG), the LAWA Sign Shop, Coordination and Logistics Management (CALM Sign Shop), and Information Technology (IT). The Wayfinding Group is the owner.

Sign types that require attic stock shall be provided by the contractor.

FMUG is responsible for:

- Signage maintenance
- Attic Stock
- Specifications
- Warranties

The Wayfinding Group is responsible for:

- Sign inventory
- Photographic archives
- Damage Report/Repair Request documents
- Specifications
- Shop drawings
- As-builts drawings
- Field verification for sign types, messaging, location

Graffiti/Vandalism

Signs located in areas susceptible to repeated vandalism shall be covered in removable transparent anti-graffiti film which can be easily replaced.

For all cleaning or maintenance issues, please contact the Airport Response Communications Center (ARCC) at 424-646-5292.

Cleaning

All signs shall be cleaned to a professional standard. Tape, grime, dirt, and graffiti shall be removed. Most surfaces can be cleaned with mild soaps and detergents applied with a soft lint-free cloth or sponge.

Cleaning methods shall include but not be limited to the following:

1. No aggressive solvents, paint thinners, acetone, alcohol, and chemical cleaners shall ever be used.
2. No scouring pads and cleaners containing abrasives which can scratch finishes shall ever be used.
3. Exterior signs shall be washed with automobile cleaner and warm water.
4. Tape shall be removed with 3M vinyl tape remover agent.
5. Light graffiti can be removed with citrus-based products and pressurized clean water. Signs which can not be cleaned of graffiti shall be refurbished or replaced.
6. Electronic and dynamic display signs shall be cleaned according to the manufacturer’s recommendations.

BUILDING & AREA NUMBERING STRATEGY

The LAWA numbering system is a master organization method for building and area identification.



NUMBERING STRATEGY FOR DOORS

NUMBERING STRATEGY FOR STAIRS

LAWA Facility Naming Convention

See LAWA Design & Construction Handbook (DCH) 9.16 for reference.

Submit space naming results to cBIM (cBIM@lawa.org) for final review and approval

Purpose of Stair Numbering

Stair identification and wayfinding signs are required by the California Building Code for emergency evacuation scenarios. Stair numbering is an important location safety feature for use by public safety personnel such as:

- Los Angeles Fire Department (LAFD)
- Airport Police Department (APD)

General Numbering Guidelines for Stairs

The general numbering strategy for stairs applies the following rules:

1. **Start Point:** Stairs shall be numbered in a clockwise direction from the centermost front entrance of each building. The stairs closest to the left-hand side of the building entrance shall be designated "Stair 1". (Refer to Fig. 3.7)
2. **Sequencing:** Stairs shall be identified in numerical sequence, such as "Stair 1", "Stair 2", "Stair 3", etc.
3. **Levels:** Numbering shall account for each accessible building level.
4. **Gaps:** Stair numbering shall provide sequence gaps to allow for future renovations.

How to Determine a Stair Number Sign Type

1. Stair number signs shall be fabricated per the LAWA Signage Standards for consistency on all campuses and properties under LAWA management, including Tenant occupied areas.
2. Refer to sign type D506-V Stairwell Identity Panel in the Detail Drawings section of the Signage Standards for layout, typography, and fabrication information.
3. Refer to sign types D505-V Evacuation Plan (for general us) and D105-V Parking Evacuation Plan (for parking structures) in the Detail Drawings section of the Signage Standards for layout, typography, and fabrication information.

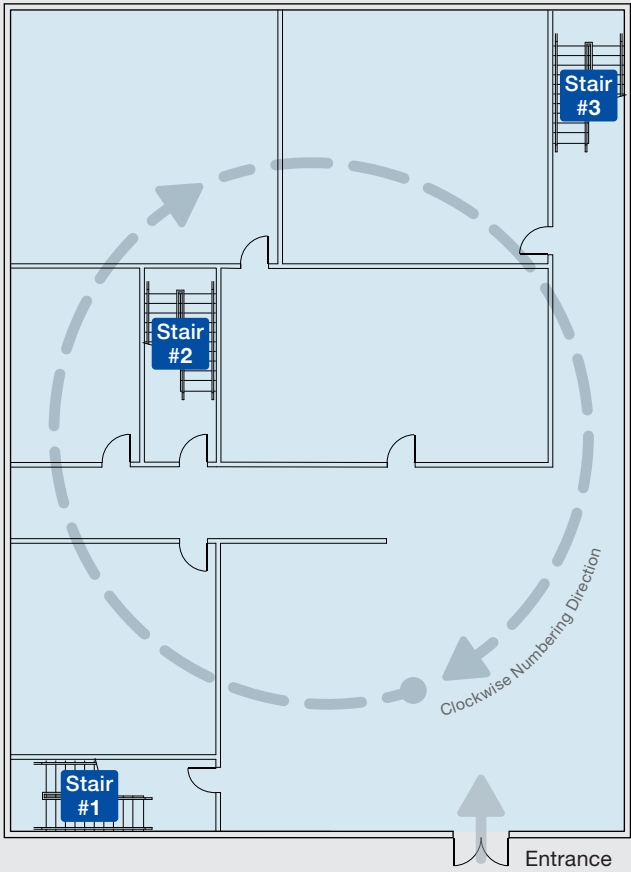
How to Procure Stair Number Signs

Follow the LAWA sign procurement process to obtain door signs. Refer to Signage Standards, Section 1 General Information.

Fig 3.6: Example of Sign Type D506-V Stairwell Identity Panel



Fig 3.7: Example of Stairs Numbering Plan



GRAPHIC STANDARDS

Standard guidelines for typography, colors, layouts, and messages help build a strong signage system when used consistently.



LAWA SIGNAGE COLORS PALETTE

Color Name	Color Reference	PMS Pantone®	Paint Matthews Paint	Opaque Vinyl Oracle 751	Translucent Vinyl Oracle 9500/8800 CAL	Usage
LAWA Clear			MP290-228SP Super Satin Clear			anti-graffiti coating
LAWA Black		Black	MP59647 Black Is Back	070 Black	070 Black	directional arrows
LAWA White			MP03673 White Atrium	010 White	010 White	message copy, passenger pick-up, pictograms
LAWA Silver			MP23302 Posate Silver			structure, hardware
LAWA Blue		661 C	MP10147 Impulse	049 King Blue	049 King Blue	wayfinding
LAWA Red		186 C	MP15024 Red Dragon	032 Light Red	031 Red	hotel & private parking, safety regulations
LAWA Yellow		102 C	MP05185 Rattlebox Yellow	021 Yellow	021 Yellow	regulation, warning, safety signs
ADA Blue		300 C	MP color match			accessiblity
Sign Gray		Cool Gray 9 C	MP color match	071 Grey		wayfinding back panels
Roadway Sign Gray		877 C	MP color match			roadway signs color band
Bus Gray		Cool Gray 8 C	MP color match	074 Middle Grey	074 Middle Grey	crew & charter bus
Rental Cars Purple		267 C	MP 03563 Murex Purple	040 Violet	040 Violet	rental cars
Shared Rides Orange		165 C	MP 12601 Kiwano Orange	034 Orange	034 Orange	shared rides
LAX-it Lime		376 C	MP 13525 Plah Doh Green	063 Lime Tree Green	652 Pin Green	LAX-it
Shuttle Merlot		227 C	MP 05041 Roseate Spoonbill	041 Pink	041 Pink	LAX shuttle
FlyAway Cyan		2995 C	MP color match	053 Light Blue	053 Light Blue	FlyAway bus
EV Green		7725 C	MP color match			electric vehicle charging
Future Shuttle		355 C	MP 13552 Green Vireo	062 Light Green	062 Light Green	future shuttle

LAWA APPROVED COLORS

Color is an essential and effective component of wayfinding signage. Its ability to communicate transcends language, promotes clarity, and helps to identify important information.

This color palette is approved for use at all LAWA facilities and shall never be substituted to ensure consistency of the signage system.

Signage not regulated by LAWA will use other colors as required by their governing codes.

LAWA SIGNAGE TYPOGRAPHY

Pedestrian Wayfinding and Regulation Typefaces

Helvetica Neue 65 Medium

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Usage

Acceptable for ADA use as visual characters only (not for use as ADA raised tactile characters).

Use for wayfinding signs and message copy.

Helvetica Neue 55 Roman

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Acceptable for ADA use as visual characters and raised tactile characters.

Use for identity signs with tactile and Braille characters.

Helvetica Neue 67 Medium Condensed

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Not preferred for use as message copy.

Use on Title 19 stairwell signs and where space is limited.

Helvetica Neue 75 Bold

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Not acceptable for ADA use.

Use for building identity and address signs; as header text on information and regulatory warning signs.

Helvetica Neue 77 Bold Condensed

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Not preferred for use as message copy.

Use on stairwell level signs and where space is limited.

Helvetica Neue 85 Heavy

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Use sparingly for header text on information and regulatory warning signs.

LAWA APPROVED TYPOGRAPHY

Printed messages must communicate quickly and thoroughly. Typography supports effective wayfinding with the consistent use of legible fonts, congruous letter and word spacing, appropriate size, and rules of usage.

These fonts – created by the Linotype foundry – are the only approved and authorized typefaces for use on identity, pedestrian wayfinding, and regulation signs at all LAWA facilities and shall never be substituted to ensure consistency of the signage system.

Signage not regulated by LAWA will use other fonts as required by their governing codes.

LAWA SIGNAGE TYPOGRAPHY

Vehicle Wayfinding Typefaces

Franklin Gothic Demi

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ **0123456789**

Usage

Use on LAWA property roadway signs only.

Franklin Gothic Heavy

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ **0123456789**

Use on LAWA property roadway signs only.

Highway Gothic (FHWA Series E)

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ **0123456789**

Use on LAWA property roadway signs regulated by LADOT and MUTCD only.

Highway Gothic Condensed (FHWA Series B)

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ **0123456789**

Use sparingly on vehicle information and regulatory signs only where space is limited.

LAWA APPROVED TYPOGRAPHY

Printed messages must communicate quickly and thoroughly. Typography supports effective wayfinding with the consistent use of legible fonts, congruous letter and word spacing, appropriate size, and rules of usage.

These fonts – Franklin Gothic created by the Linotype foundry and Highway Gothic created by the Federal Highway Administration – are the only approved and authorized typefaces for use on vehicle wayfinding signs at all LAWA facilities and shall never be substituted to ensure consistency of the signage system.

Signage not regulated by LAWA will use other fonts as required by their governing codes.

LAWA SIGNAGE PICTOGRAMS

Accessibility



Miscellaneous



EXPLOSIVE



NO SCAVENGING

LAWA APPROVED PICTOGRAMS

A pictogram is a symbol that indicates, signifies, or represents an idea, object, space, activity, or relationship without the use of words. Many of our pictograms are universally understood and aid in wayfinding because of the clarity of their design and recognizable meaning, thereby eliminating the need for multiple language translations.

These pictograms are the only approved symbols for use at all LAWA facilities and shall never be altered.

LAWA SIGNAGE PICTOGRAMS

Service



LAWA APPROVED PICTOGRAMS

A pictogram is a symbol that indicates, signifies, or represents an idea, object, space, activity, or relationship without the use of words. Many of our pictograms are universally understood and aid in wayfinding because of the clarity of their design and recognizable meaning, thereby eliminating the need for multiple language translations.

These pictograms are the only approved symbols for use at all LAWA facilities and shall never be altered.

LAWA SIGNAGE PICTOGRAMS

Transportation



Approved Usage



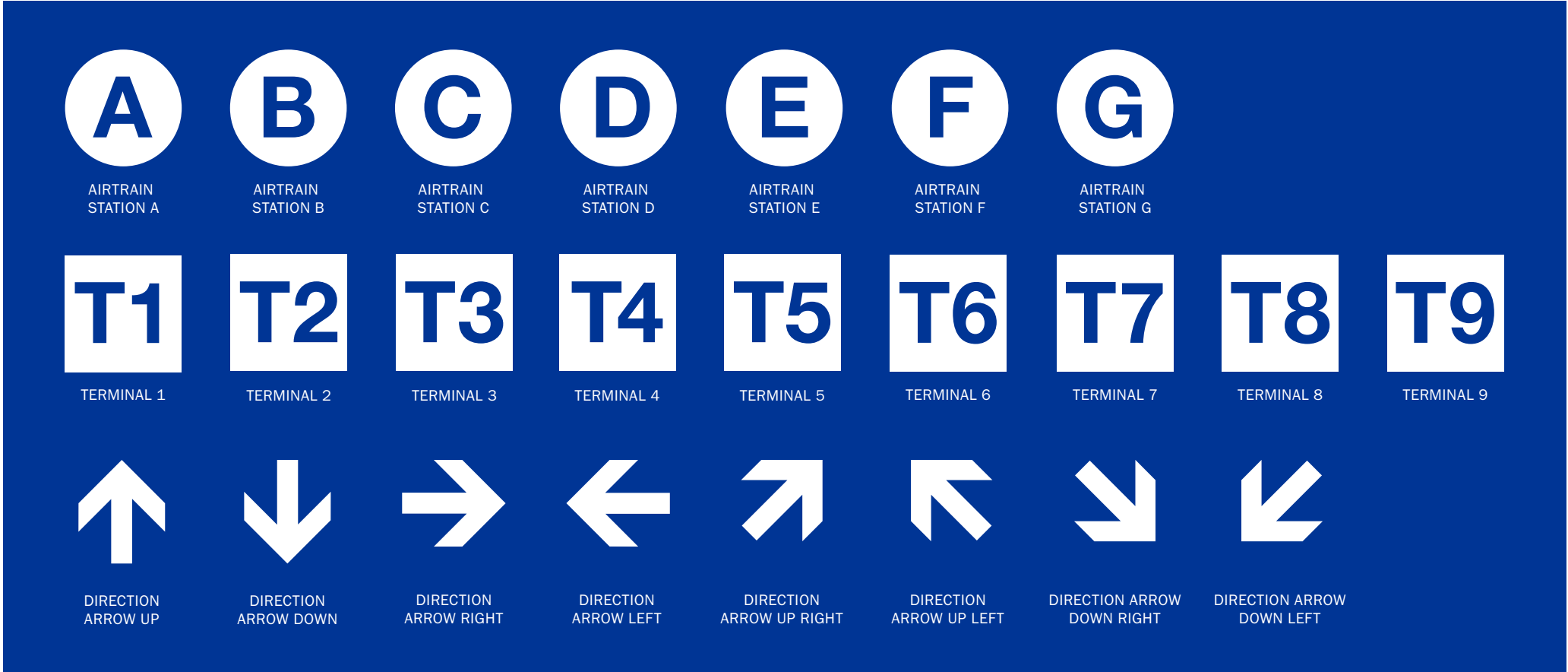
LAWA APPROVED PICTOGRAMS

A pictogram is a symbol that indicates, signifies, or represents an idea, object, space, activity, or relationship without the use of words. Many of our pictograms are universally understood and aid in wayfinding because of the clarity of their design and recognizable meaning, thereby eliminating the need for multiple language translations.

These pictograms are the only approved symbols for use at all LAWA facilities and shall never be altered.

LAWA SIGNAGE PICTOGRAMS

Transit Hubs & Direction Arrows



Roadway Direction Arrows



LAWA APPROVED PICTOGRAMS

A pictogram is a symbol that indicates, signifies, or represents an idea, object, space, activity, or relationship without the use of words. Many of our pictograms are universally understood and aid in wayfinding because of the clarity of their design and recognizable meaning, thereby eliminating the need for multiple language translations.

These pictograms are the only approved symbols for use at all LAWA facilities and shall never be altered.

LAWA SIGNAGE PICTOGRAMS

Regulation



Evacuation Plan

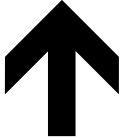
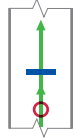
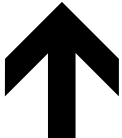
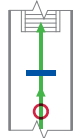
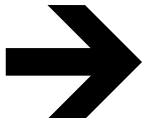
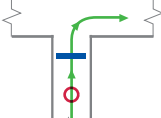
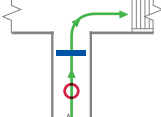
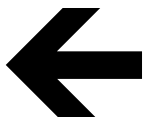
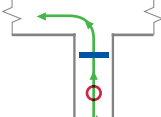
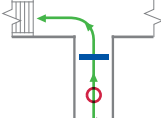


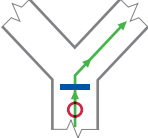
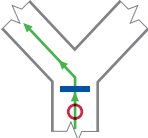
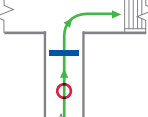
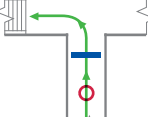
LAWA APPROVED PICTOGRAMS

A pictogram is a symbol that indicates, signifies, or represents an idea, object, space, activity, or relationship without the use of words. Many of our pictograms are universally understood and aid in wayfinding because of the clarity of their design and recognizable meaning, thereby eliminating the need for multiple language translations.

These pictograms are the only approved symbols for use at all LAWA facilities and shall never be altered.

LAWA DIRECTION ARROWS

Direction Arrows Application/Orientation	Sign Location Along Travel Route	Interpretation
		STRAIGHT AHEAD
		UP
		RIGHT TURN
		RIGHT TURN & UP
		LEFT TURN
		LEFT TURN & UP

Direction Arrows Application/Orientation	Sign Location Along Travel Route	Interpretation
		RIGHT TURN AHEAD
		LEFT TURN AHEAD
		DOWN
		RIGHT TURN & DOWN
		LEFT TURN & DOWN

— Sign

○ Decision point

→ Circulation path

LAWA APPROVED DIRECTION ARROWS

The direction arrow is an indispensable element of wayfinding signage. The arrow points the way and guides the passenger along the route.

Our direction arrow is designed for maximum legibility under various viewing conditions and shall never be altered. This arrow style is a standard for the International Civil Aviation Organization (ICAO).

TYPOGRAPHY GUIDELINES 1: GENERAL USE DIRECTION SIGNS

Note: **M** = Cap Height of Primary Message

Sizing & Spacing Master

Note 1: Copy, pictograms, and arrows are scalable in message group combinations; 1 size per sign face.
Note 2: Overhead messages minimum text cap height 3".
Note 3: Cap height determined by maximum letter size to fit longest message and adjacent similar signs.



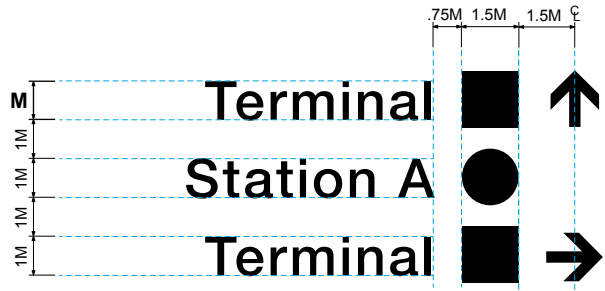
Key _____

● Airtrain Station or
Amenity/Service Pictogram

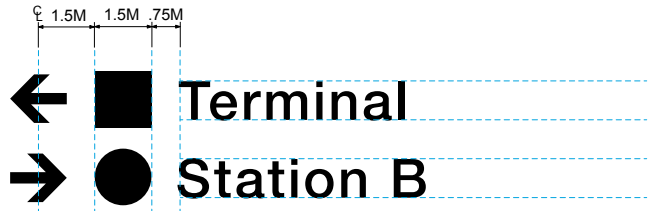
■ Terminal Number

- Dot separates words
in a running list

Multidirectional Messages



Example A



Example B

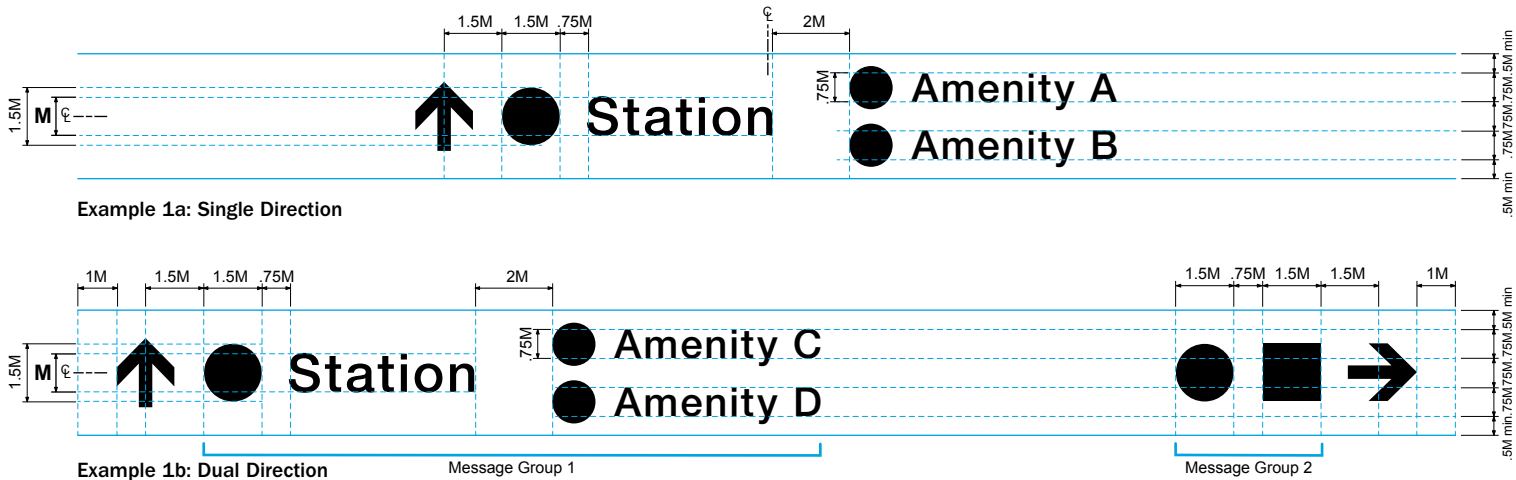
TYPOGRAPHY GUIDELINES

Consistent typography aids message comprehension. Incorporate the appropriate letter and word spacing guidelines in all message layouts.

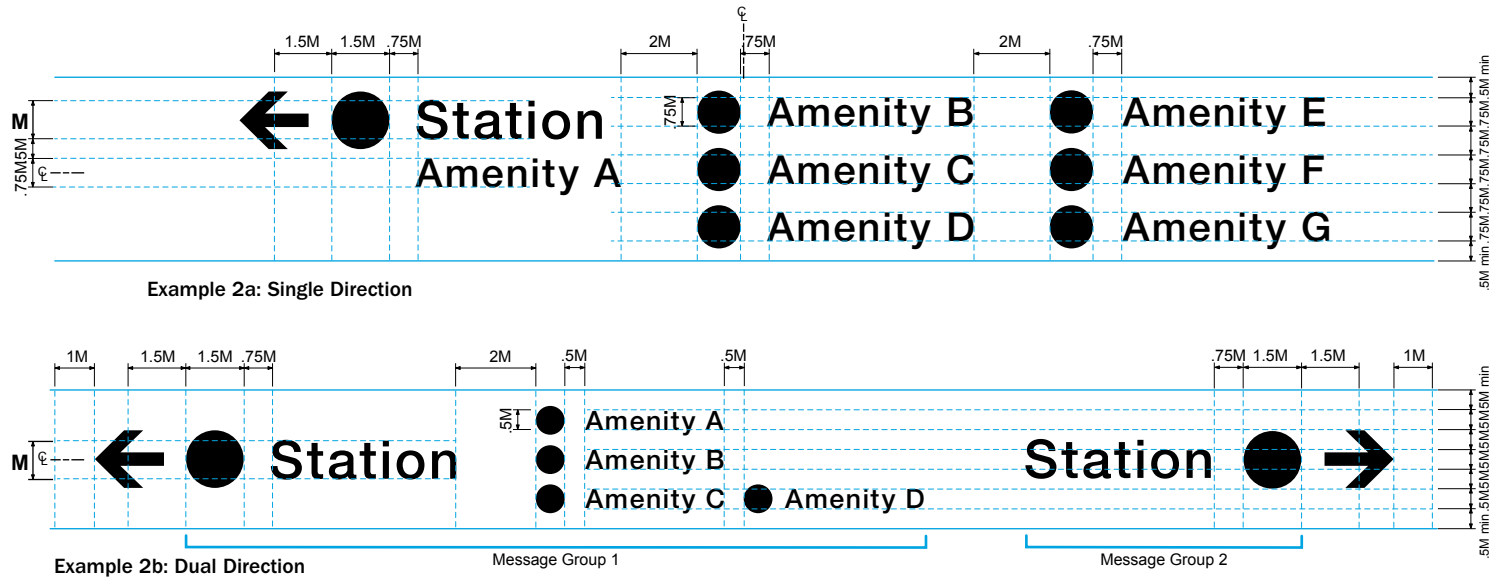
TYPOGRAPHY GUIDELINES 1: GENERAL USE DIRECTION SIGNS

Note: **M** = Cap Height of Primary Message

Double Line/Primary & Secondary Messages



Triple Line/Primary & Secondary Messages



TYPOGRAPHY GUIDELINES

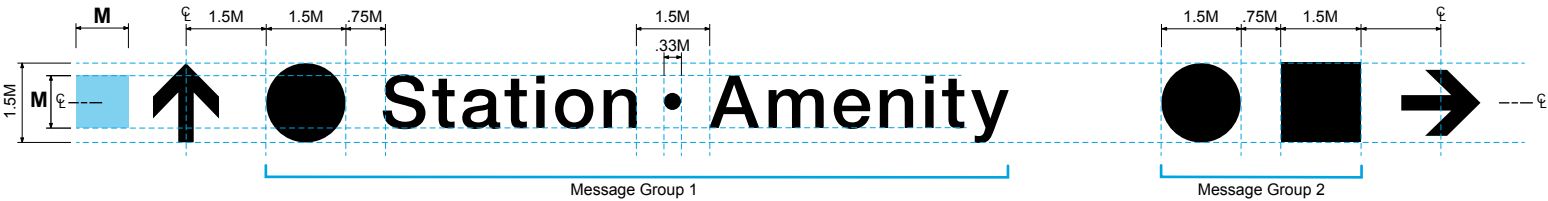
Consistent typography aids message comprehension. Incorporate the appropriate letter and word spacing guidelines in all message layouts.

TYPOGRAPHY GUIDELINES 2: AIRTRAIN STYLE OVERHEAD DIRECTION SIGNS

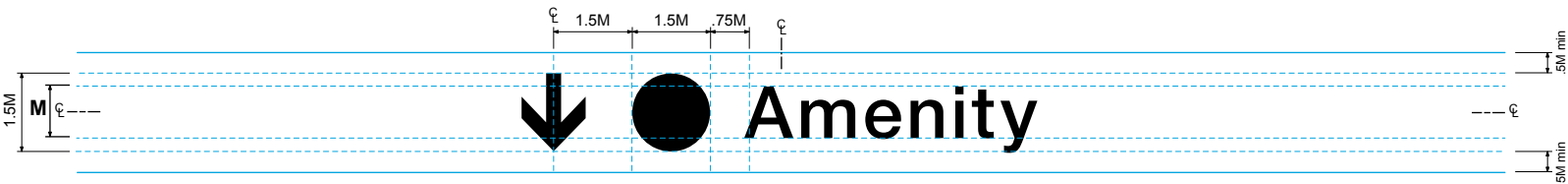
Note: **M** = Cap Height of Primary Message

Sizing & Spacing
Airtrain Overhead Direction

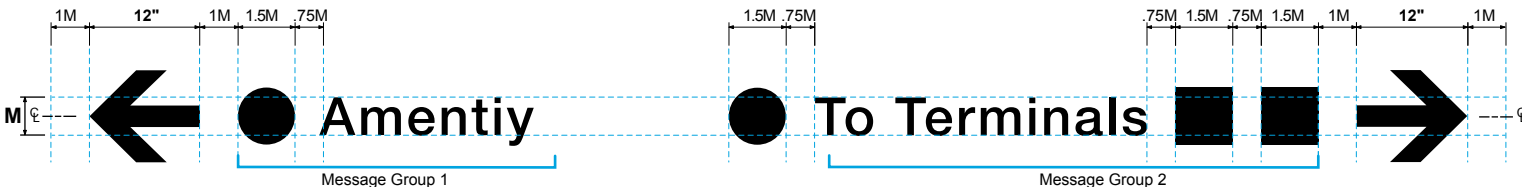
- Note 1: Copy and pictograms are scalable in message group combinations; 1 size per sign face.
- Note 2: Direction arrows are **not** scalable for similar signs in a series.
- Note 3: Overhead messages minimum text cap height 3".
- Note 4: Cap height determined by maximum letter size to fit longest message and adjacent similar signs.



Overhead Single Line Messages

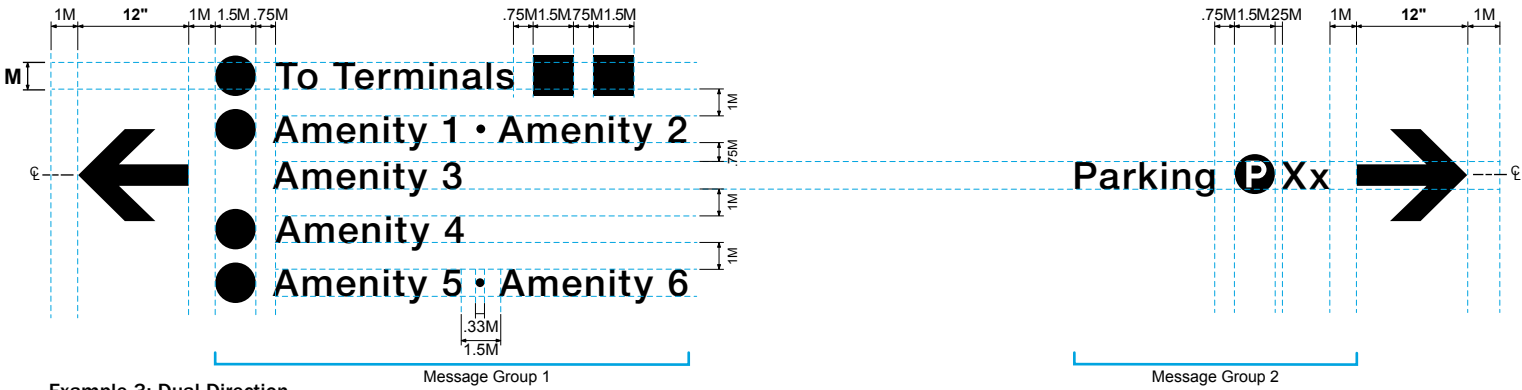


Example 2a: Single Direction



Example 2b: Dual Direction

Overhead Multiline Messages



Example 3: Dual Direction

TYPOGRAPHY GUIDELINES

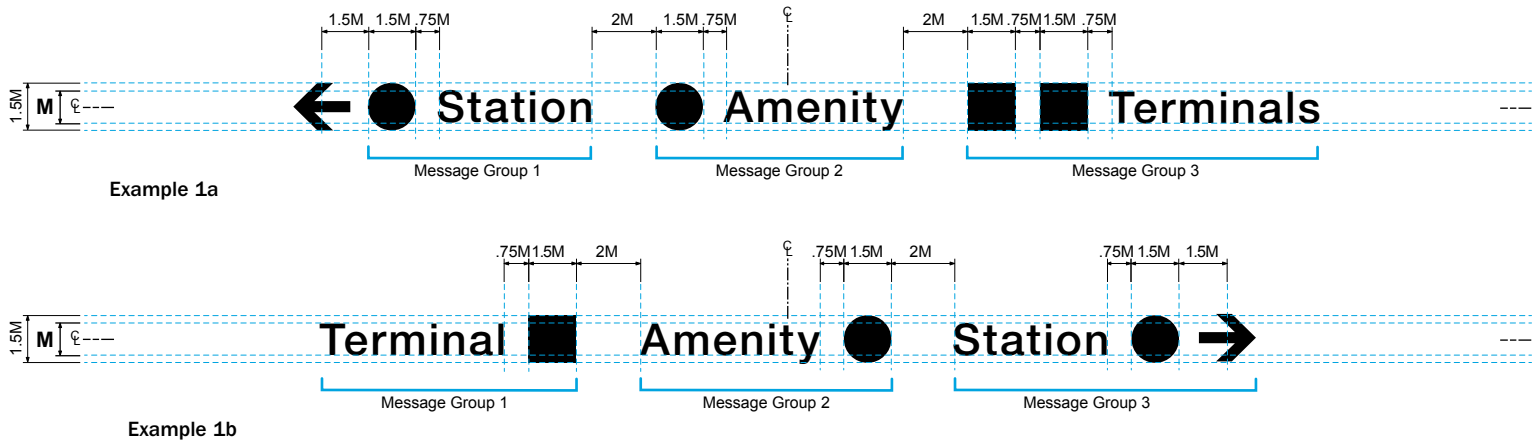
Consistent typography aids message comprehension. Incorporate the appropriate letter and word spacing guidelines in all message layouts.

TYPOGRAPHY GUIDELINES 3: PARKING DIRECTION SIGNS

Note: M = Cap Height of Primary Message

Single Line Messages

Note 1: Copy and pictograms are scalable in message group combinations; 1 size per sign face.
Note 2: Overhead messages minimum text cap height 3".
Note 3: Cap height determined by maximum letter size to fit longest message and adjacent similar signs.



Multiline Messages



Multiline/Primary & Secondary Messages



TYPOGRAPHY GUIDELINES

Consistent typography aids message comprehension. Incorporate the appropriate letter and word spacing guidelines in all message layouts.

TYPOGRAPHY GUIDELINES 4: ROADWAY VERTICLE DIRECTION SIGNS

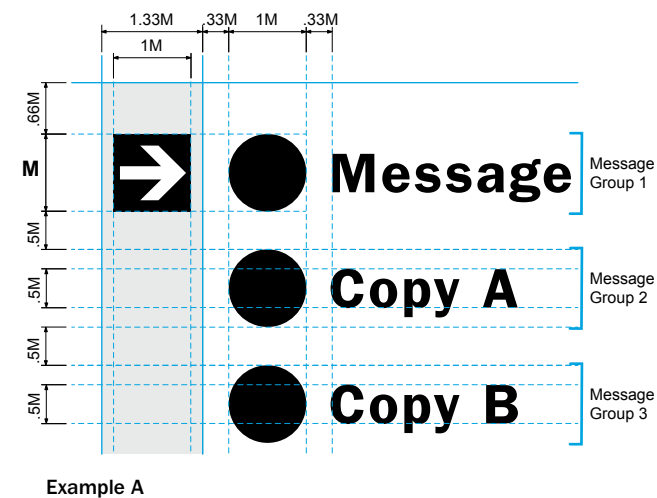
Note: **M** = Height of Pictogram and Direction Arrow

Sizing & Spacing

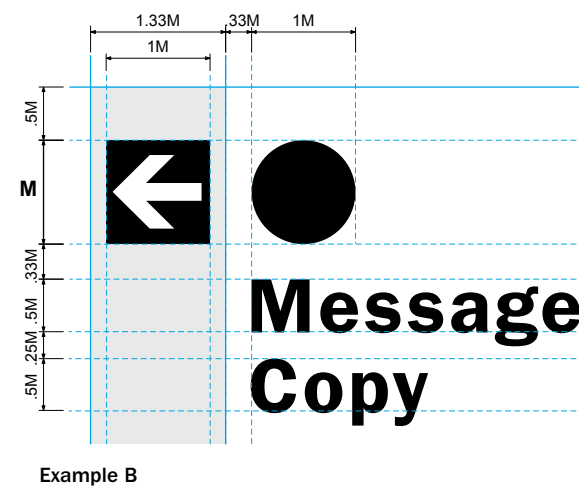
Roadway Vertical Format

Note 1: Copy and pictograms are scalable in message group combinations; 1 size per sign face.
Note 2: Overhead messages minimum text cap height 3".
Note 3: Minimum text height is .4M. Maximum text height is .5M.

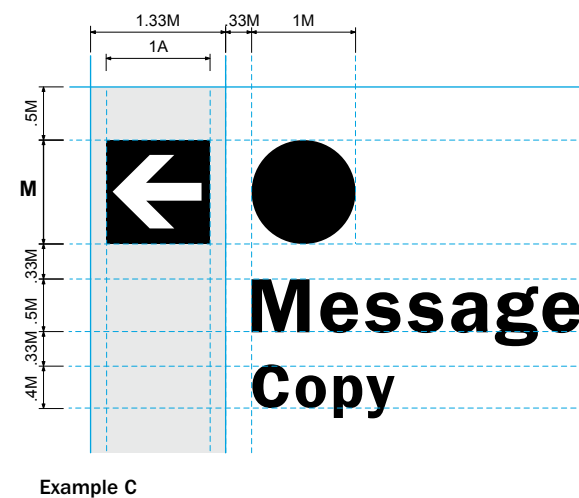
Multiple Single Line Messages



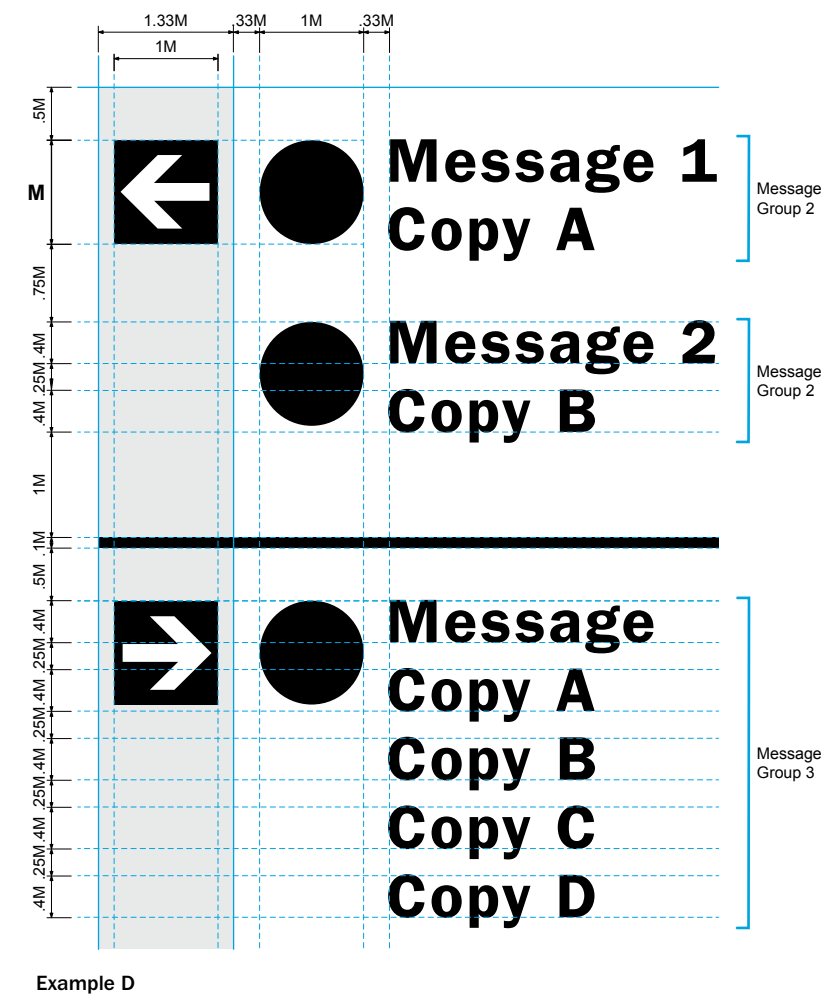
Primary Message – Stacked



Primary/Secondary Messages – Stacked



Multi Messages – Stacked



TYPOGRAPHY GUIDELINES

Consistent typography aids message comprehension. Incorporate the appropriate letter and word spacing guidelines in all message layouts.

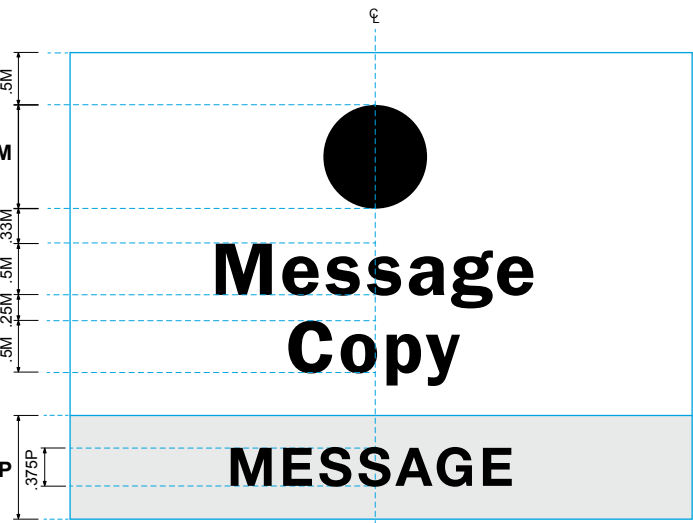
TYPOGRAPHY GUIDELINES 5: ROADWAY HORIZONTAL DIRECTION SIGNS

Note: **M** = Height of Pictogram
P = Height of Panel Stripe

Sizing & Spacing
Roadway Horizontal Format

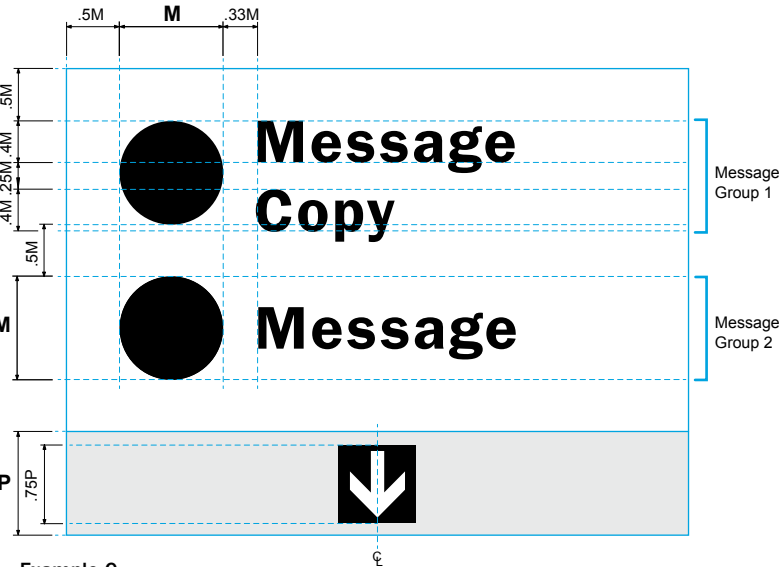
Note 1: Copy and pictograms are scalable in message group combinations; 1 size per sign face.
Note 2: Overhead messages minimum text cap height 3".
Note 3: Minimum text height is .4M. Maximum text height is .5M.

Single Message – Stacked



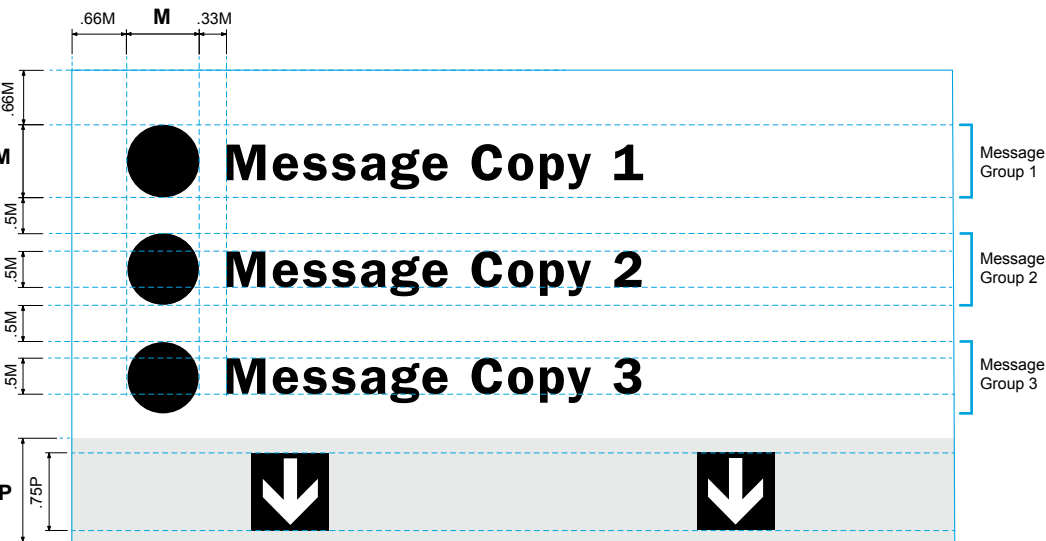
Example A

Multiline Messages – Stacked



Example C

Multiple Single Line Messages



Example B

Note: Direction arrows positioned horizontally as needed to indicate vehicle lanes

TYPOGRAPHY GUIDELINES

Consistent typography aids message comprehension. Incorporate the appropriate letter and word spacing guidelines in all message layouts.

SIGN TYPE DESIGN DETAILS

The intent of the sign type design details is to provide adequate information about each sign in our system to enable uniformity of fabrication, installation, and maintenance.

LAWA is not responsible for producing or providing wayfinding sign construction drawings, engineering, and installation services.

Refer to Section 4, Graphic Standards for typography, colors, and message guidelines. Refer to the General Performance Specifications in Section 8, Reference Information for particular LAWA approved materials.



IDENTITY SIGNAGE

Refer to Section 4, Graphic Standards for typography, colors, and message guidelines.

Refer to the General Performance Specifications in Section 8, Reference Information for particular LAWA approved materials.



A100-V

STATION IDENTITY LETTER

IDENTITY SIGNAGE – EXTERIOR

Function

Exterior station building window identification sign.

Location

Located at building entrance; local codes apply.

Material & Construction

Fabricated dimensional characters of quality stainless steel; #4 vertical brushed finish. Reverse graphic of cut vinyl; medium gray.

Configuration

2 faces.

Message

Building name. Message shown is representational only; actual verbiage will vary and must be approved by the LWA Signage & Graphics Manager.

Illumination

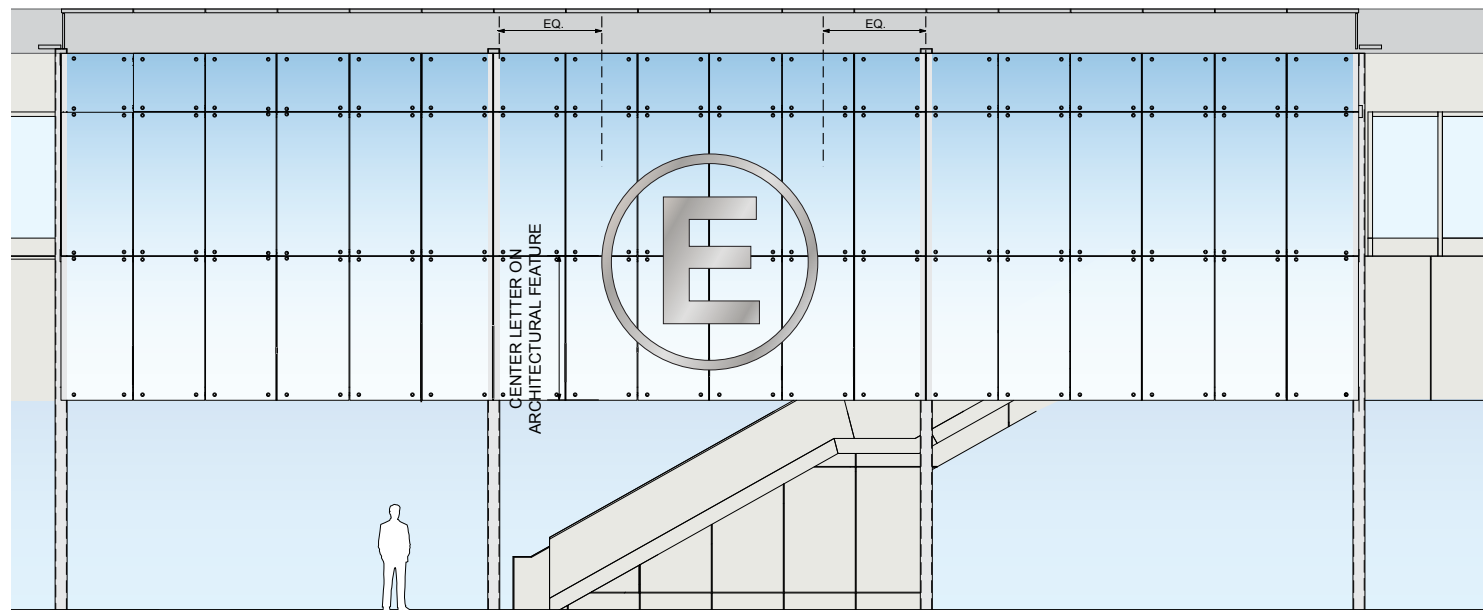
Non-illuminated.

Mounting

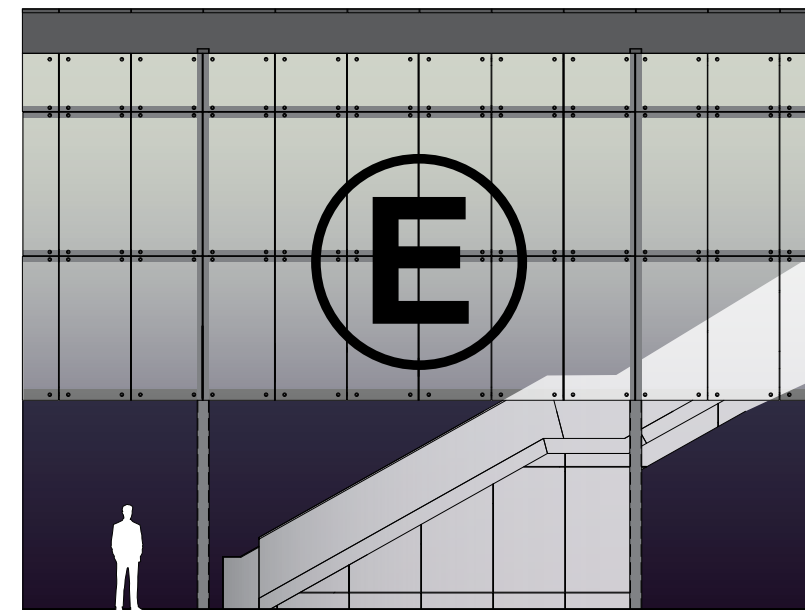
Stainless steel affixed to first surface of curtain glass; reverse vinyl graphic adheres to second surface.

Font

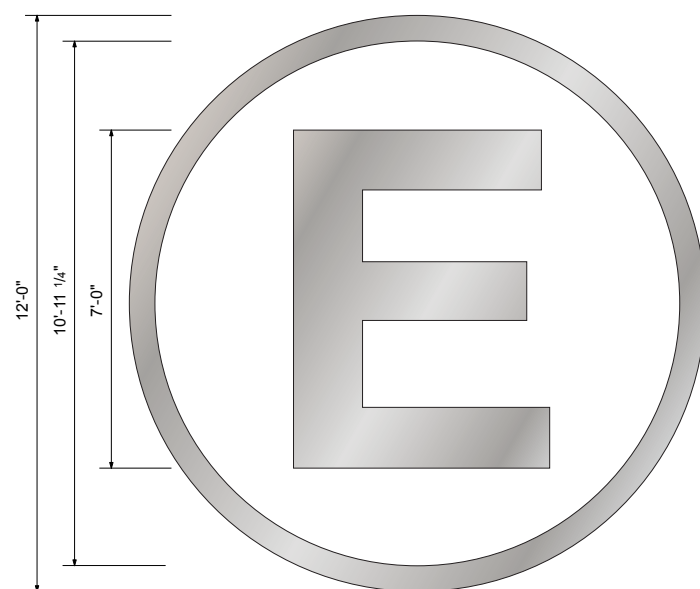
Helvetica Neue 75 Bold



1 CONTEXT ELEVATION



3 CONTEXT ELEVATION – NIGHT



2 FACE VIEW



4 SIDE VIEW

A101-V

EXTERIOR GATE IDENTITY NUMBER

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior pier identification sign.

Location
Located at pier.

Material & Construction
Fabricated channel numeral of quality stainless steel; #4 vertical brushed finish. Face of minimum 1/4" thick translucent white acrylic. Trim cap painted to match stainless steel.

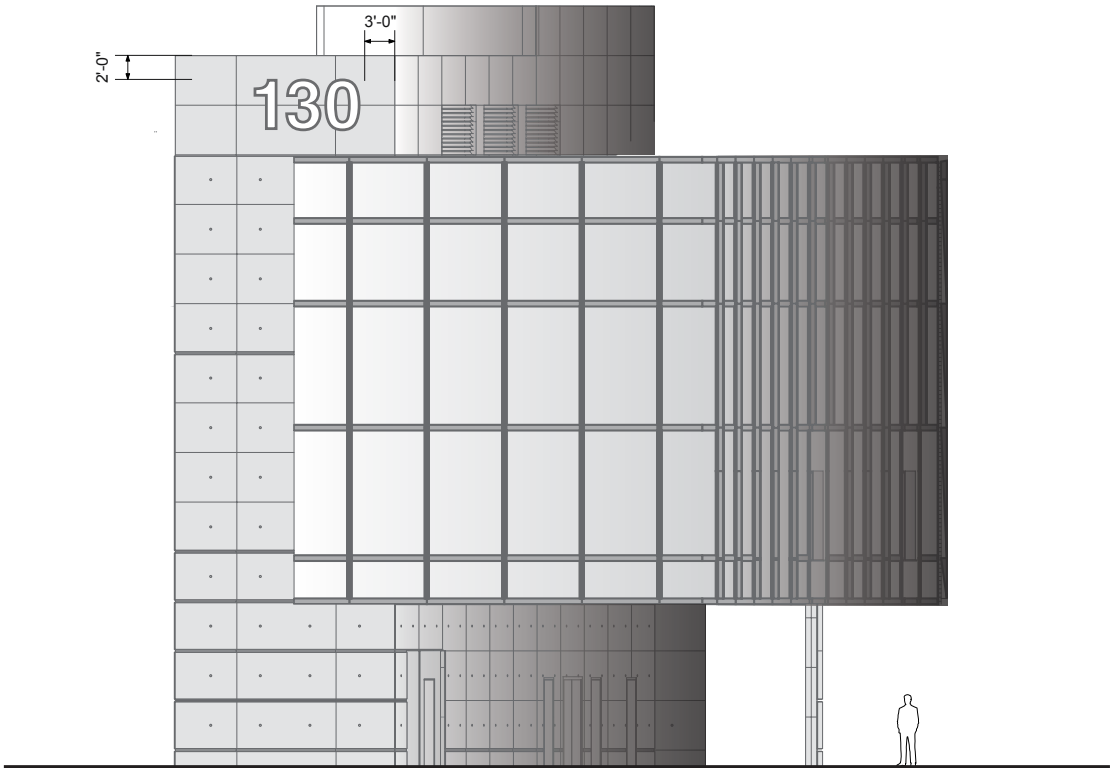
Configuration
1 face.

Message
Pier number. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager

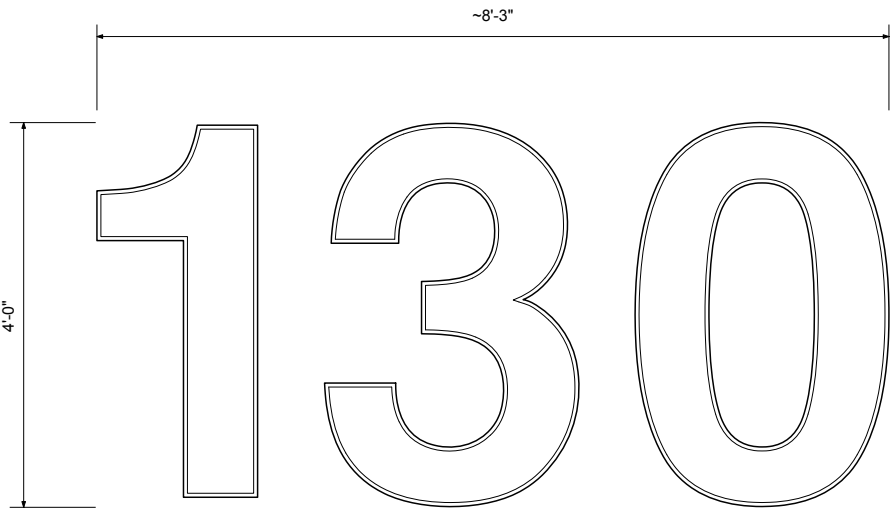
Illumination
Internal illumination by white LED through sign face.

Mounting
Blind mount flush to wall.

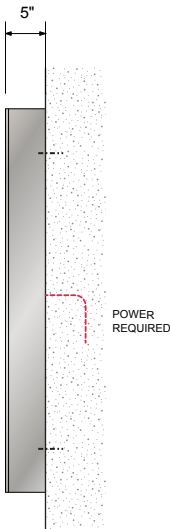
Font
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

A102-V

PARKING IDENTITY LETTERS

IDENTITY SIGNAGE – EXTERIOR

Function

Exterior parking garage identity.

Location

Located near building entrance.

Material & Construction

Fabricated dimensional characters of quality stainless steel; #4 vertical brushed finish. Dimensional "P" of fabricated stainless steel; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Painted on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

Non-illuminated.

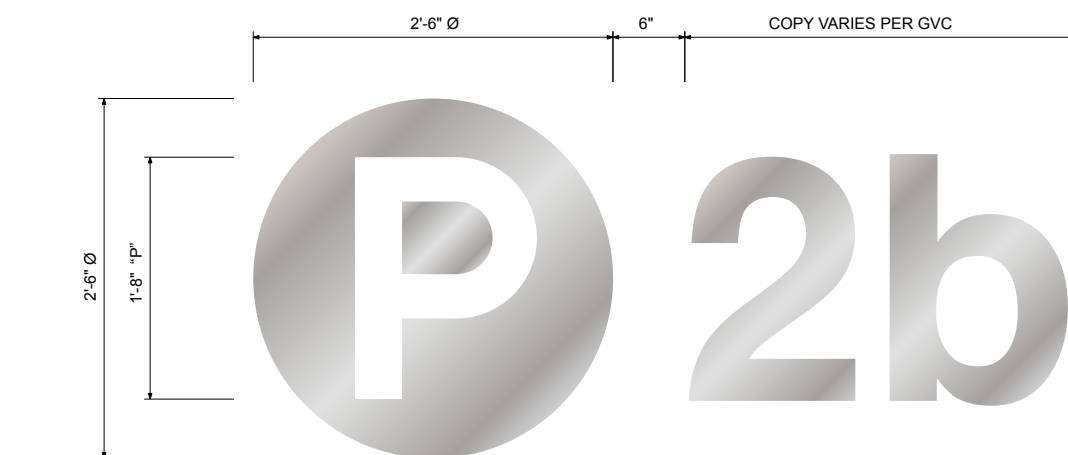
Mounting

Blind mount flush to wall.

Font

Helvetica Neue 75 Bold

1 TOP VIEW

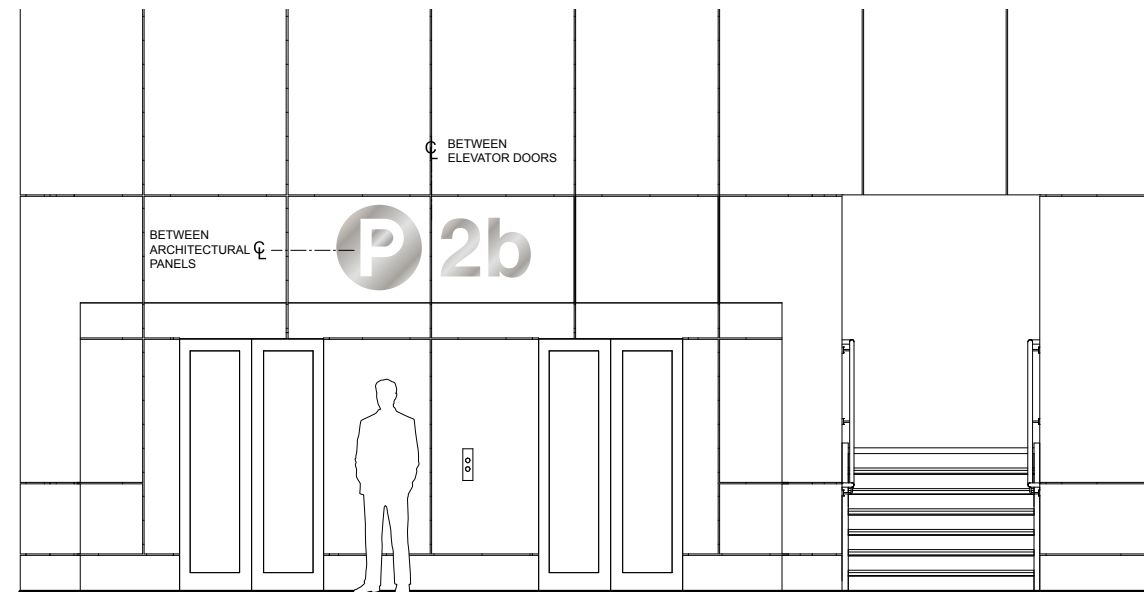


2 FACE VIEW

2

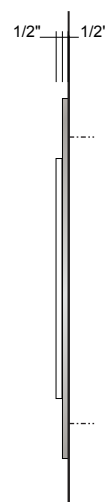
3 CONTEXT ELEVATION

3



4 SIDE VIEW

4



A103-V

BUILDING ADDRESS LETTERS – LARGE

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior building address identification sign.

Location
Located near building entrance; local codes apply.

Material & Construction
Fabricated dimensional characters of quality stainless steel; #4 vertical brushed finish.

Configuration
1 face.

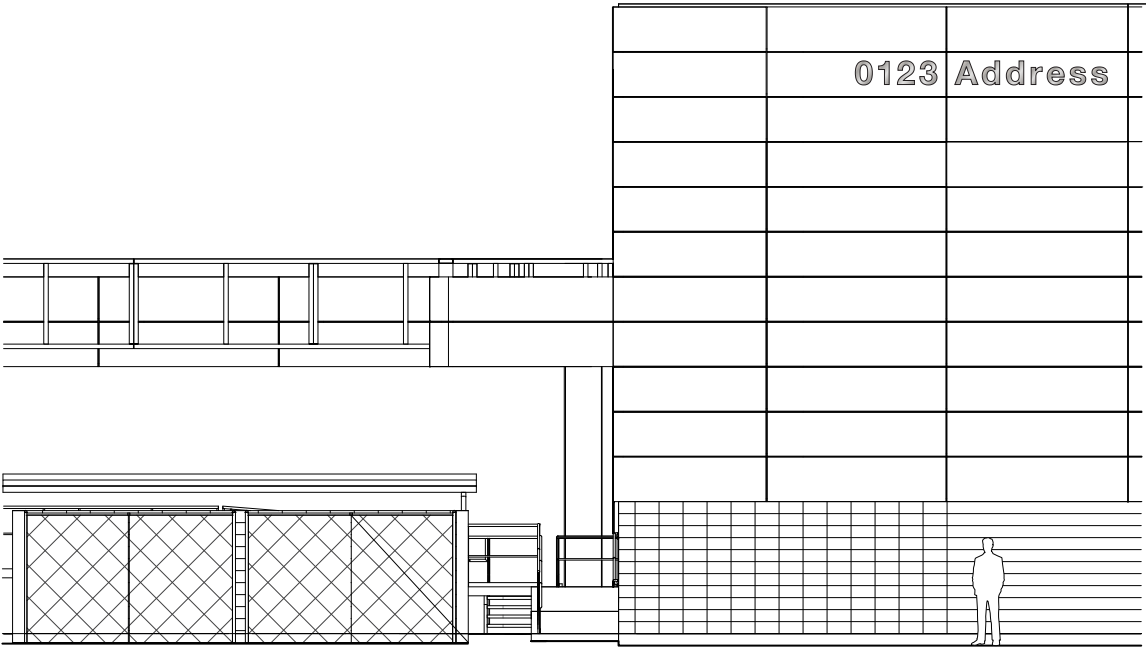
Message
Building address. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

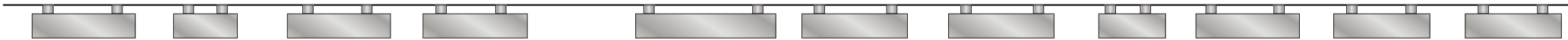
Mounting
Blind mount to wall; threaded studs with 1" brushed aluminum sleeve spacers.

Font
Helvetica Neue 75 Bold

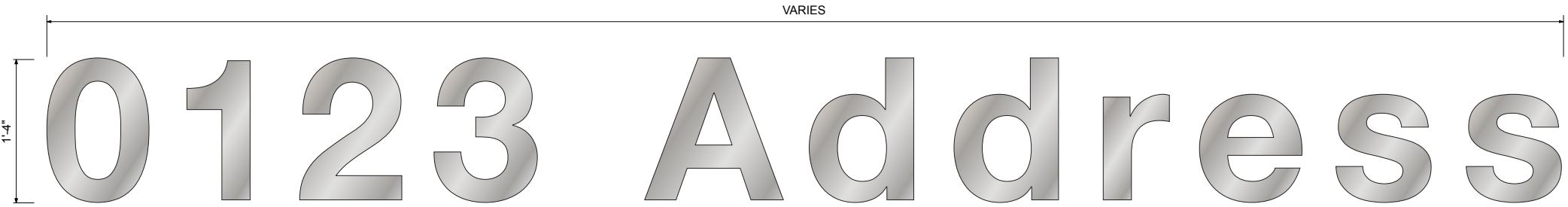
Note
Basis of design Gemini sign products



3 CONTEXT ELEVATION



1 TOP VIEW



2 FACE VIEW



4 SIDE VIEW

A104-V

BUILDING ADDRESS LETTERS – SMALL

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior building address identification sign.

Location
Located near building entrance;
local codes apply.

Material & Construction
Fabricated dimensional characters
of quality stainless steel; #4
vertical brushed finish.

Configuration
1 face.

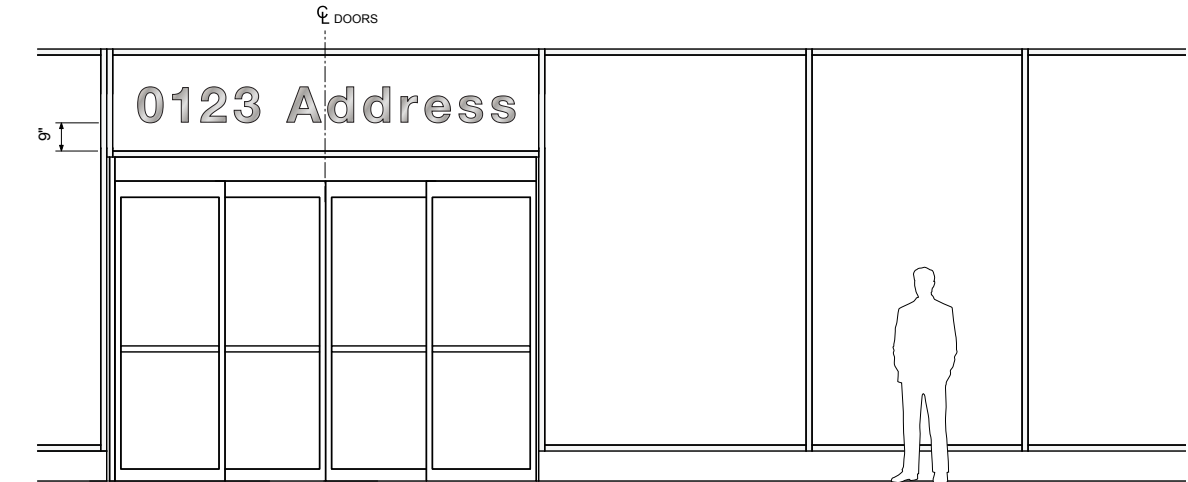
Message
Building address. Message shown is
representational only; actual verbiage
will vary and must be approved by the
LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount to wall; threaded studs with
1" brushed aluminum sleeve spacers.

Font
Helvetica Neue 75 Bold

Note
Basis of design Gemini sign products



3 CONTEXT ELEVATION – TYPICAL



1 TOP VIEW



2 FACE VIEW



4 SIDE VIEW

A105-V

PARKING STRUCTURE IDENTITY LETTERS

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior building address
identification sign.

Location
Located near building entrance;
local codes apply.

Material & Construction
Fabricated dimensional characters
of quality stainless steel; #4
vertical brushed finish.

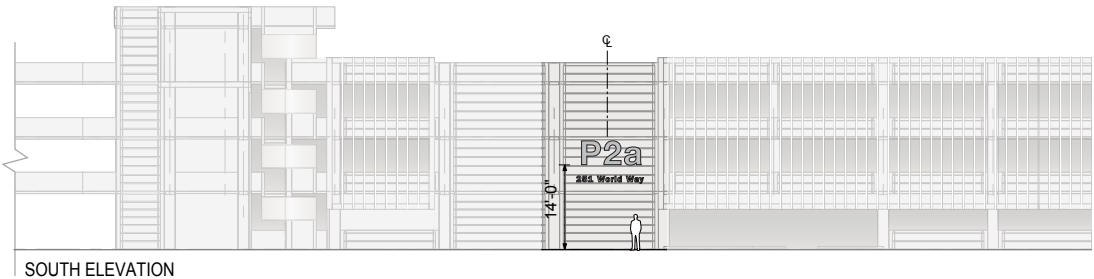
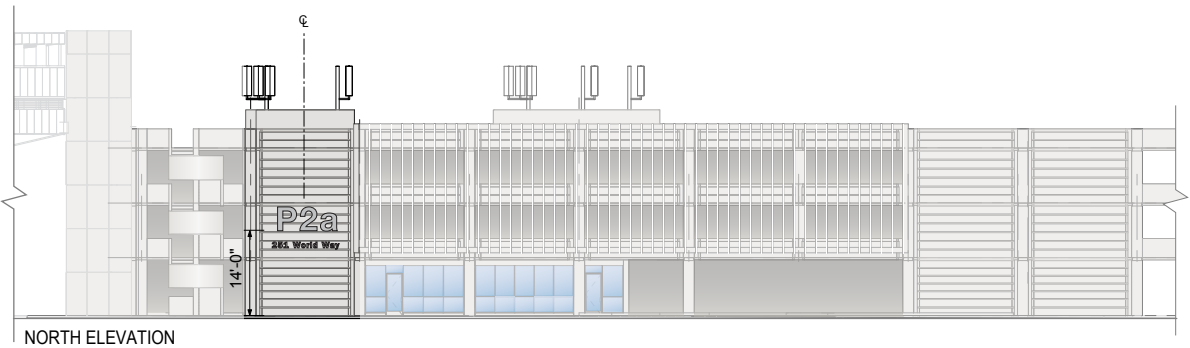
Configuration
1 face.

Message
Building name. Message shown is
representational only; actual verbiage
will vary and must be approved by the
LAWA Signage & Graphics Manager.

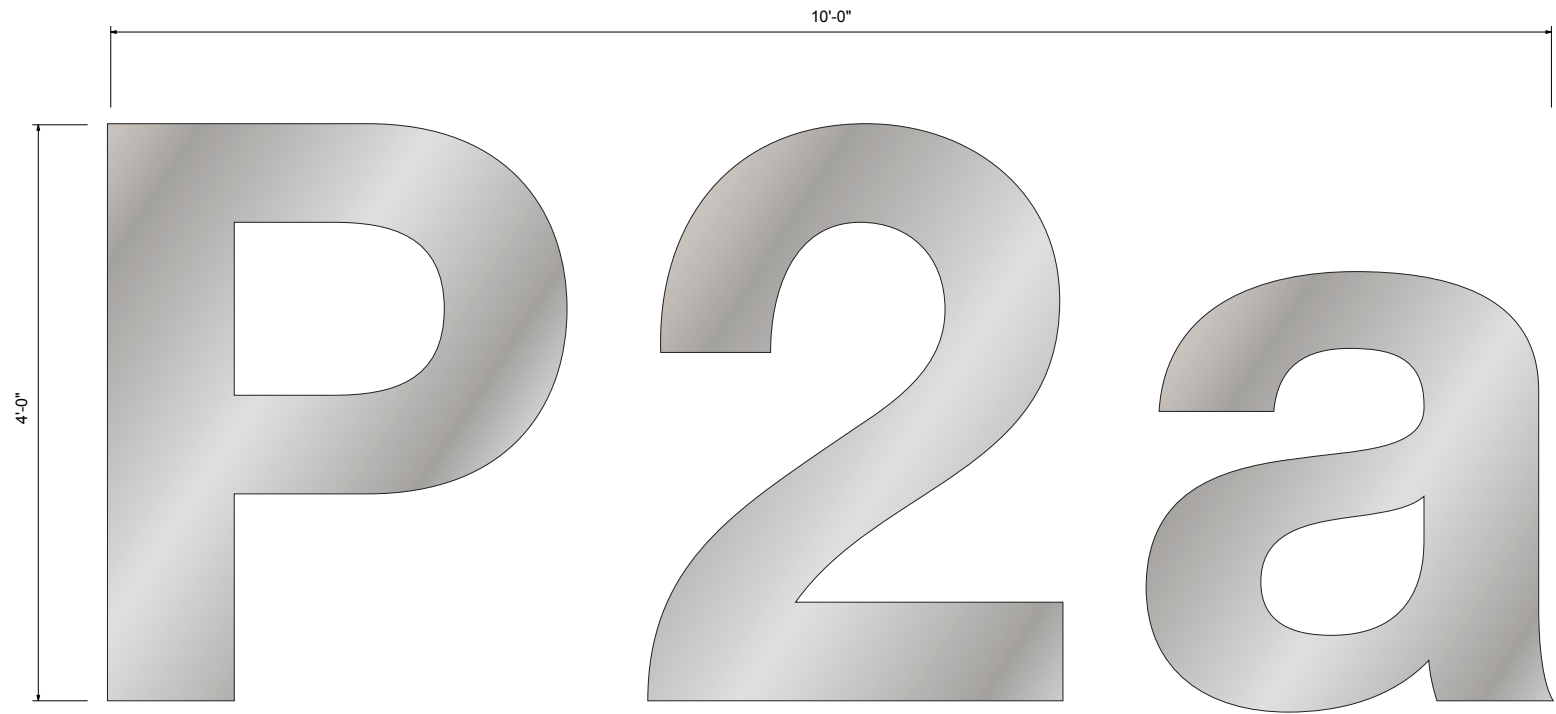
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

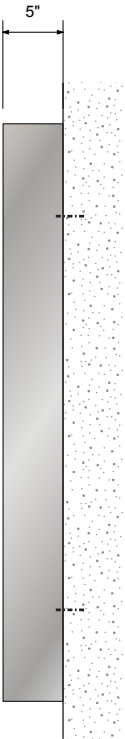
Fonts
Helvetica Neue 75 Bold



1 P2A ELEVATIONS - SIGN LOCATIONS



2 FRONT ELEVATION



3 SIDE VIEW

A106-V

TERMINAL ENTRY IDENTITY LETTERS

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior building identification sign.

Location
Located near building entrance;
local codes apply.

Material & Construction
Fabricated dimensional characters
of quality stainless steel; #4
vertical brushed finish.

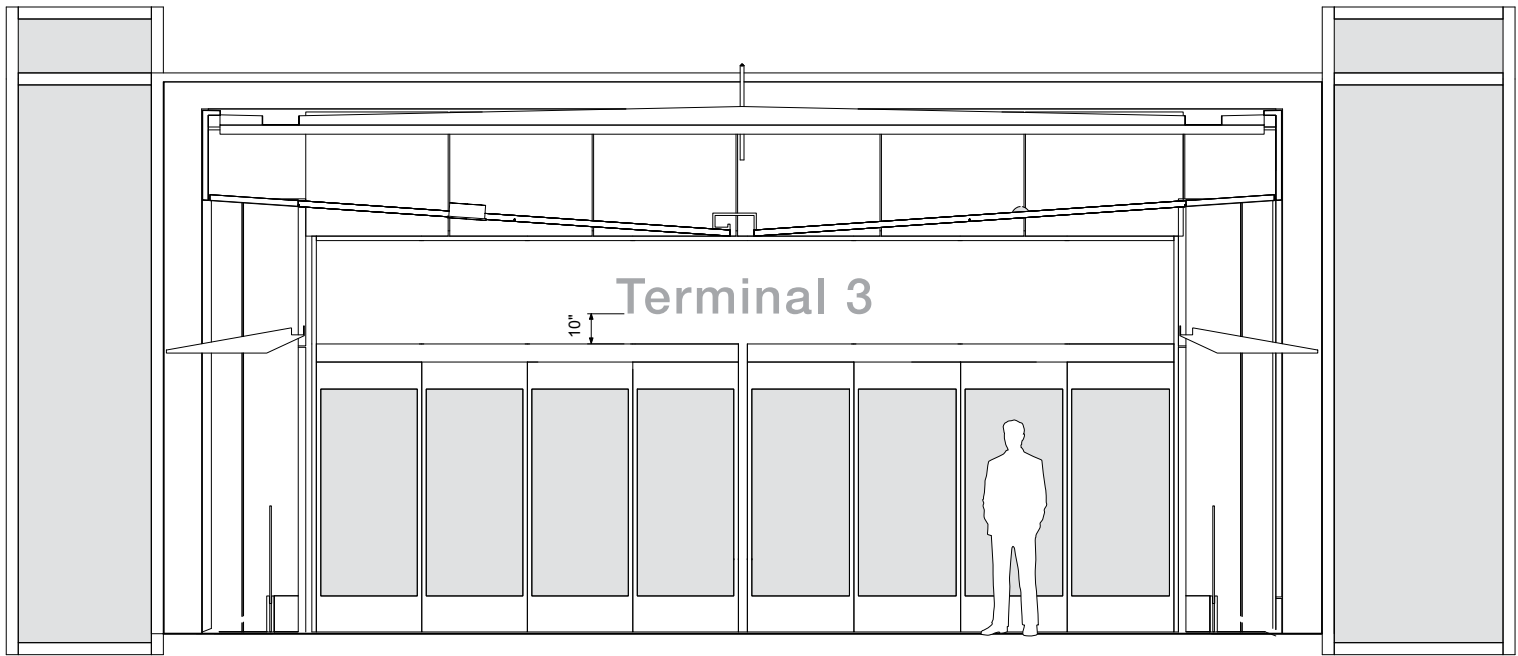
Configuration
1 face.

Message
Terminal number. Message shown is
representational only; actual verbiage
will vary and must be approved by the
LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

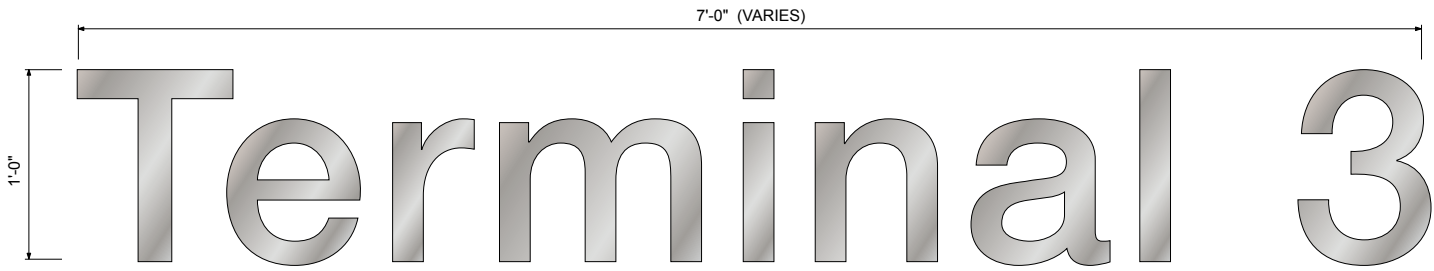
Font
Helvetica Neue 65 Medium



3 CONTEXT ELEVATION



1 TOP VIEW



2 FACE VIEW



4 SIDE VIEW

A107-V

SECURITY POST BUILDING IDENTITY LETTERS

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior site identification sign.

Location
On building wall.

Material & Construction
Cut vinyl letters applied to first surface; black matte.

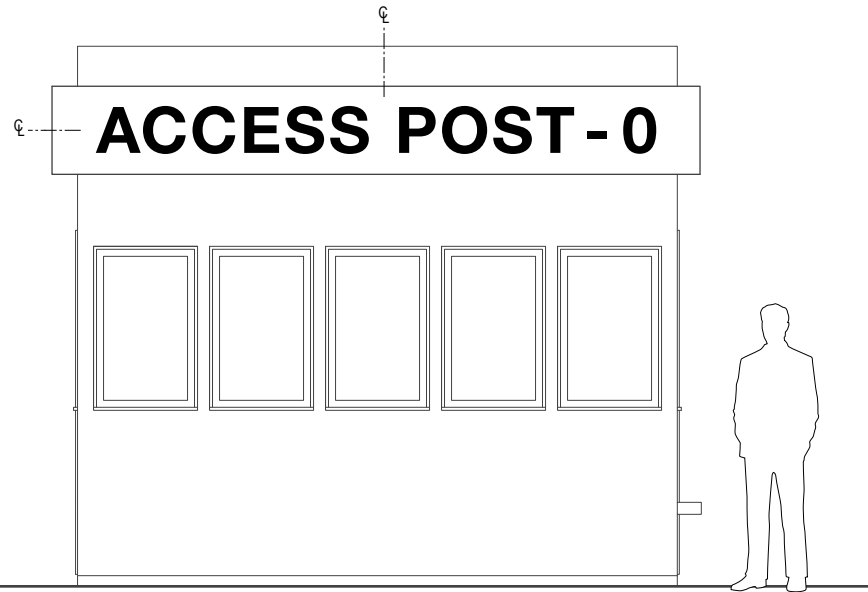
Configuration
1 face.

Message
Cut vinyl letters. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Adhere to smooth wall surface.

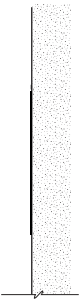
Font
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

A108-V

OVERHEAD PARKING ENTRANCE IDENTITY

IDENTITY SIGNAGE – EXTERIOR

Function
Vehicle entrance identification sign.

Location
Centered above parking entrance.

Material & Construction
Fabricated sign cabinet of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 face.

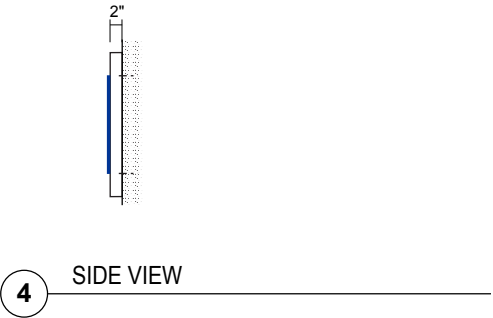
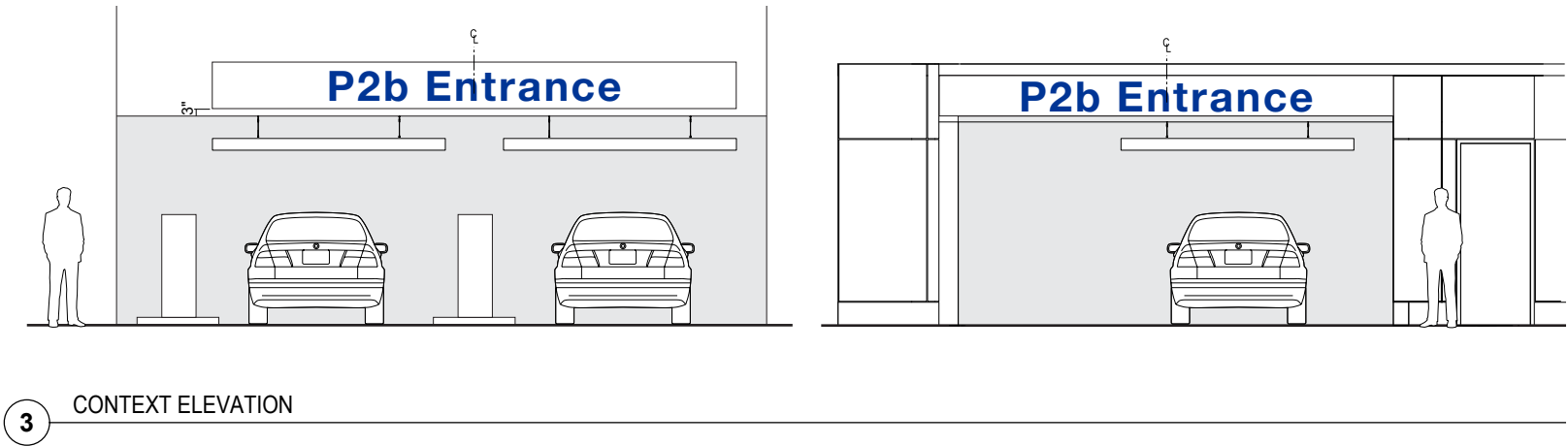
Message
1/8" thick flatcut aluminum characters adhered to first surface; painted. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

Font
Helvetica Neue 75 Bold

Note
Vehicle bang bar hangs in front of entrance (see sign type D100-S).



A109-V

SITE IDENTITY PANEL

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior site identification sign for service properties.

Location
Located near site entrance.

Material & Construction
Panel of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 face.

Message
Direct-to-surface printing or cut vinyl characters applied to first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

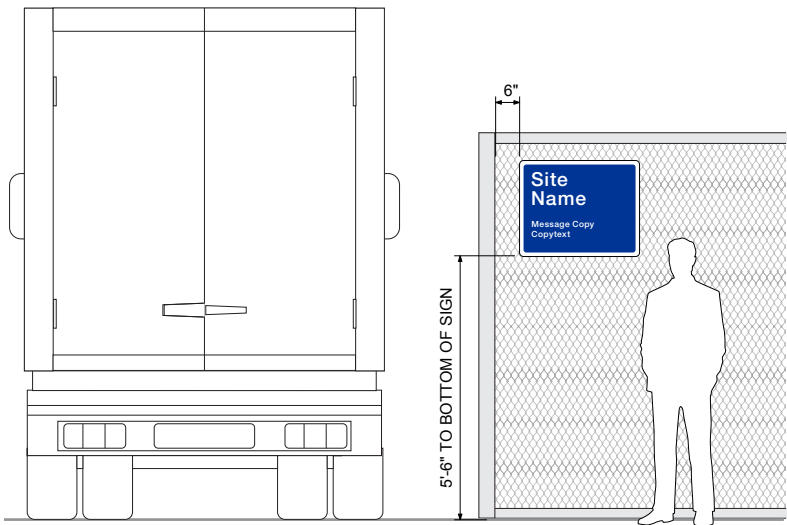
Illumination
Non-illuminated.

Mounting
Blind mount to fence; no visible fasteners on sign face.

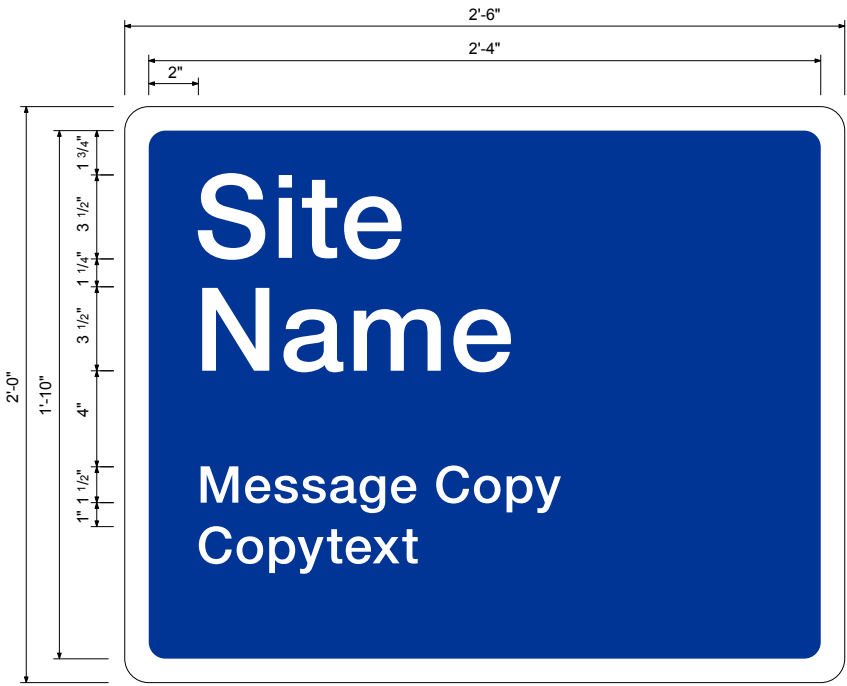
Font
Helvetica Neue 65 Medium



2 REFERENCE – FENCE ATTACHMENT



4 CONTEXT ELEVATION – TYPICAL



1 FACE VIEW



3 SIDE VIEW

A110-V

SITE ADDRESS PANEL

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior site identification sign for service properties.

Location
Located near site entrance.

Material & Construction
Panel of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

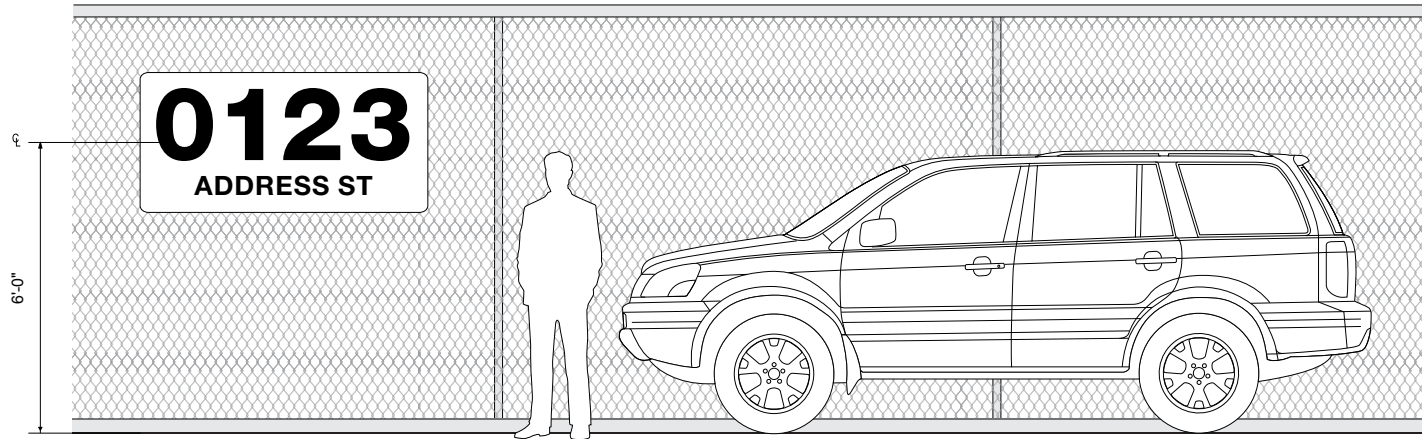
Configuration
1 face.

Message
Direct surface printing or cut vinyl characters on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount to fence; no visible fasteners on sign face.

Fonts
Helvetica Neue 75 Bold
Helvetica Neue 85 Heavy



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW



4 REFERENCE – FENCE ATTACHMENT FASTENER

A111-GL

SITE IDENTITY MONUMENT

IDENTITY SIGNAGE – EXTERIOR

Function

Exterior site identification sign for service properties.

Location

Located at vehicle entrance; positioned perpendicular or parallel to roadway.

Material & Construction

Fabricated cabinet frame of quality stainless steel; #4 vertical brushed finish. Painted message area of 1/8" thick aluminum. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 or 2 faces.

Message

Fabricated dimensional copy of 1/4" deep aluminum affixed to first surface; painted. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

External linear LED uplight.

Mounting

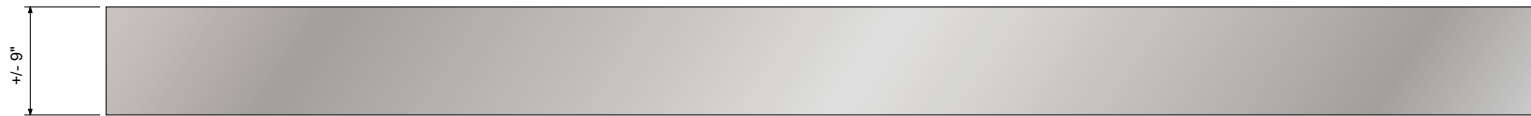
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font

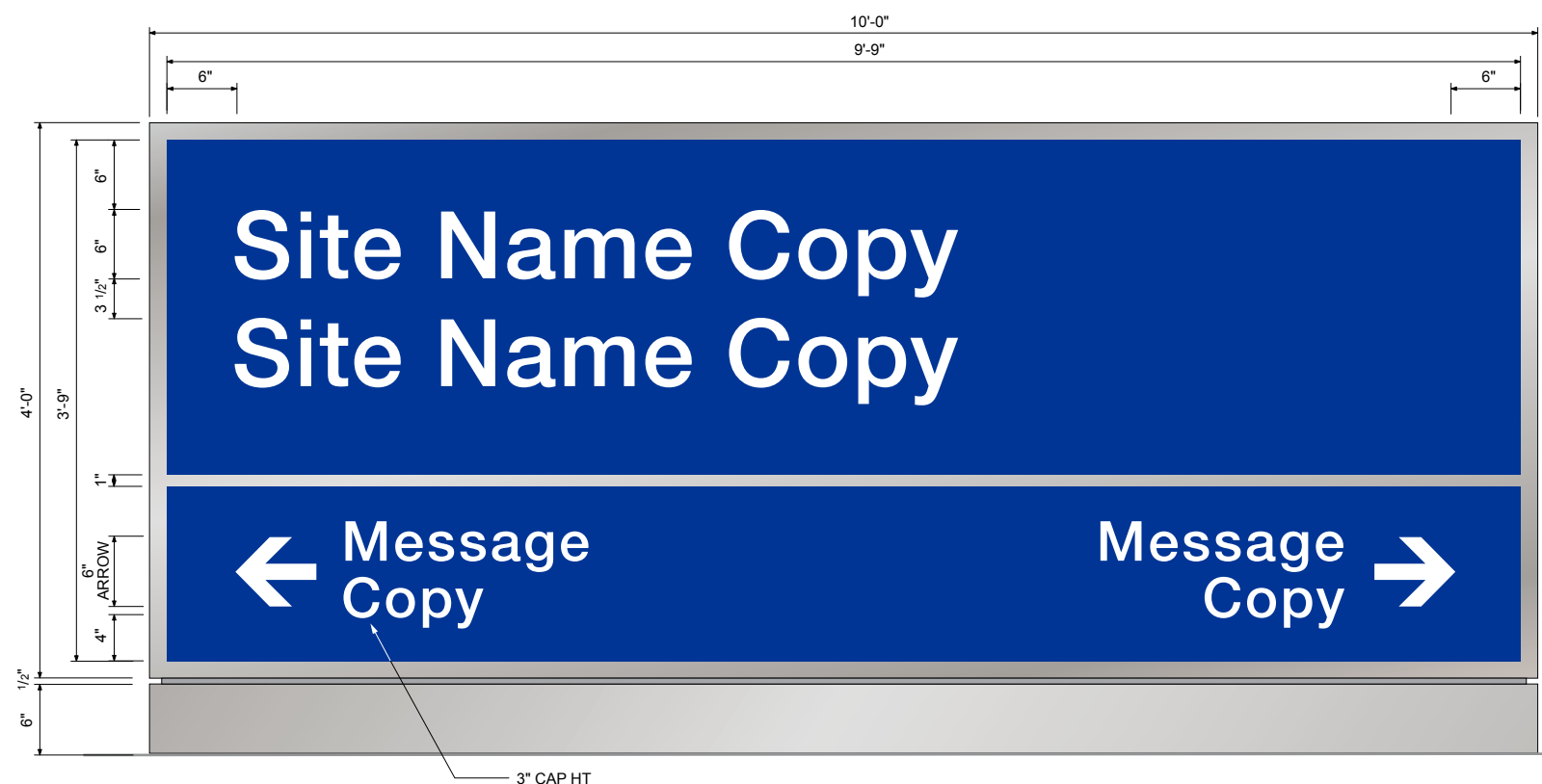
Helvetica Neue 65 Medium



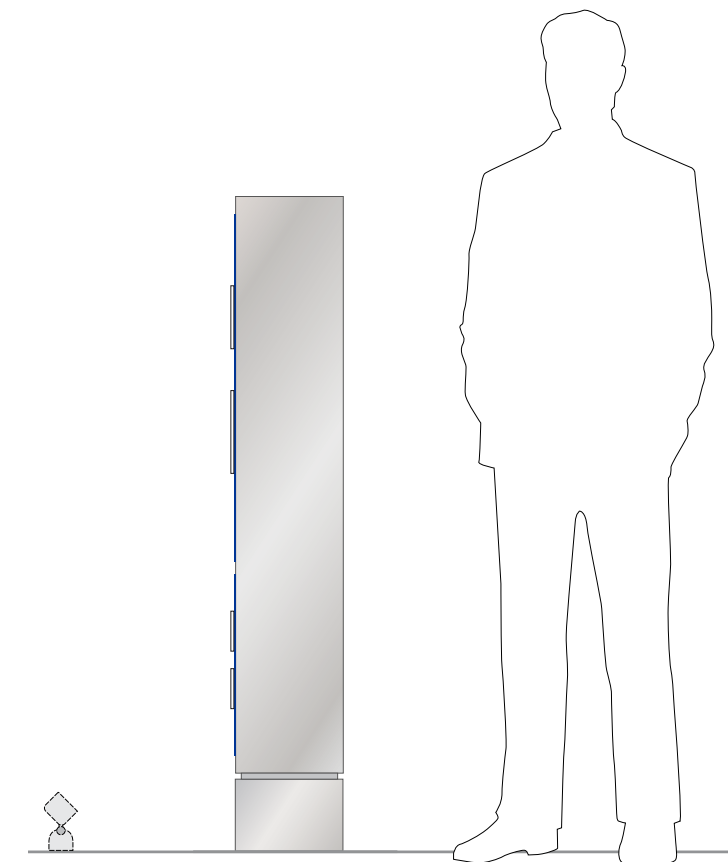
3 REFERENCE – TYPICAL LED WASHUP LAMP



1 TOP VIEW



2 FACE VIEW



4 SIDE VIEW

A112-V

TERMINAL IDENTITY NUMBER

IDENTITY SIGNAGE – EXTERIOR

Function
Terminal and column number identity sign.

Location
Located on terminal columns.

Material & Construction
Minimum 3mm thick exterior grade matte finish vinyl; color Sign Gray.

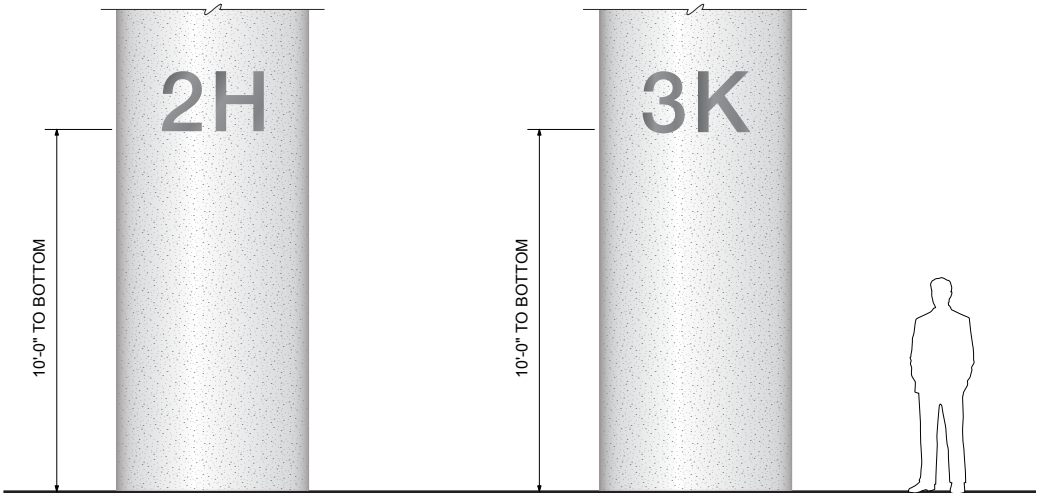
Configuration
1 face.

Message
Terminal number. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

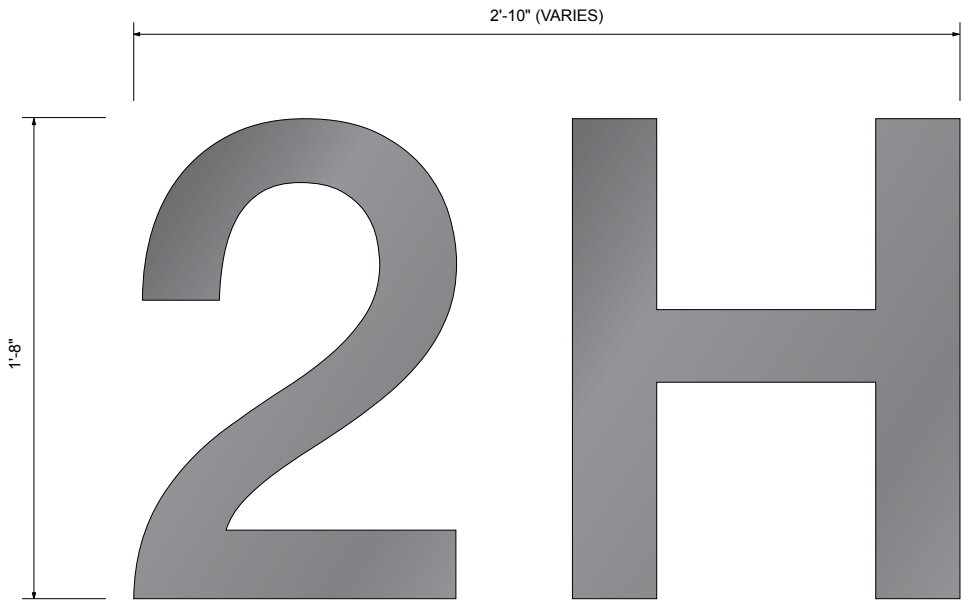
Illumination
Non-illuminated

Mounting
Adhere flush to column.

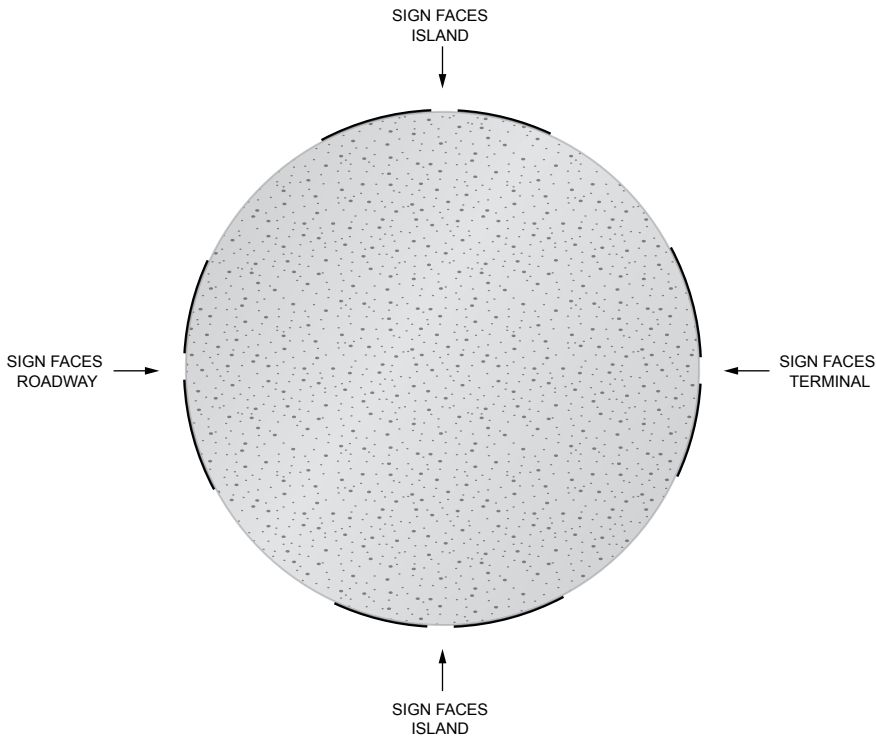
Font
Helvetica Neue 65 Medium



2 CONTEXT ELEVATIONS



1 FACE VIEW



3 FACE VIEW

A113-V

TERMINAL COLUMN COLOR BAND

IDENTITY SIGNAGE – EXTERIOR

Function
Vehicle service identity sign.

Location
Located on terminal columns.

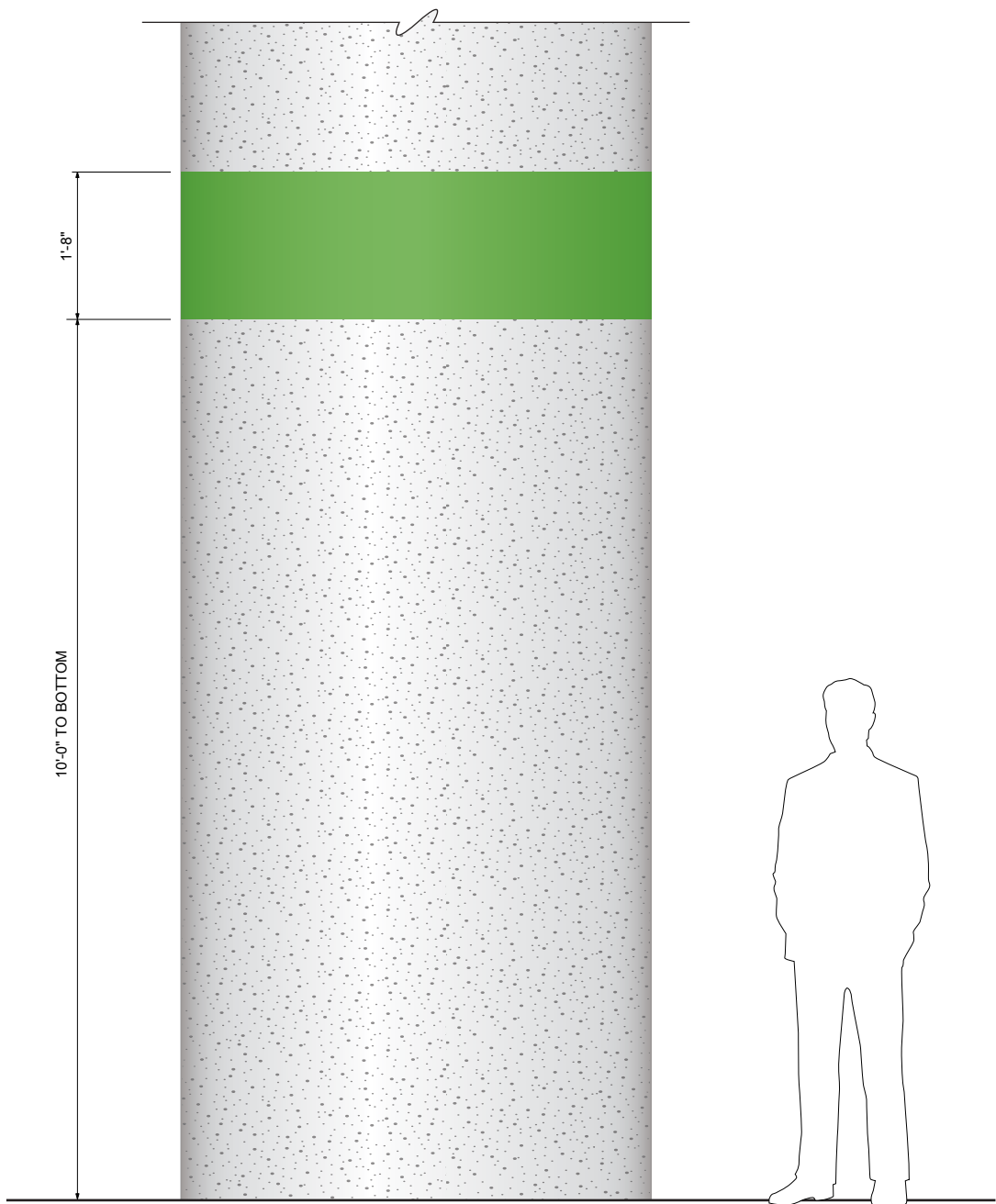
Material & Construction
Minimum 3mm thick exterior
grade matte finish vinyl.

Configuration
1 face.

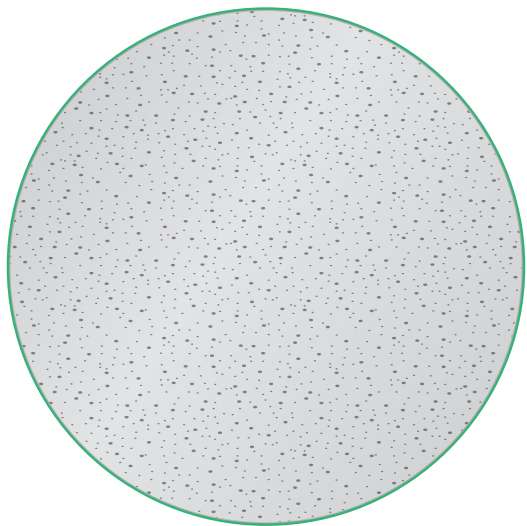
Message
Color band corresponds to
vehicle service color.

Illumination
Non-illuminated

Mounting
Adhere flush to column. Material
seam to be located on opposite
side of roadway curb.



1 FACE VIEW



2 TOP VIEW



3 TERMINAL SIDEWALK SERVICE COLORS

A114-G

PET RELIEF STATION IDENTITY

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior site identification sign for service properties.

Location
At pet relief areas.

Material & Construction
Message panel and backer panel of .080 gauge aluminum panel; painted. Anti-graffiti satin clear coat on all painted surfaces. Reference "Dogipot Relief Pet Station" #135-1003.

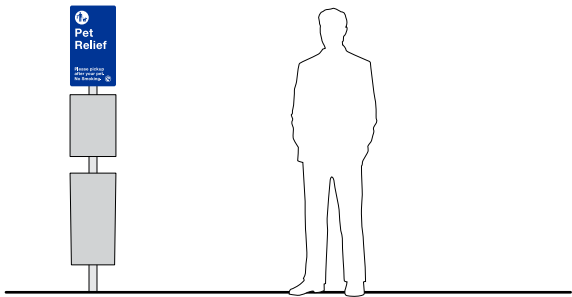
Configuration
1 face.

Message
Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

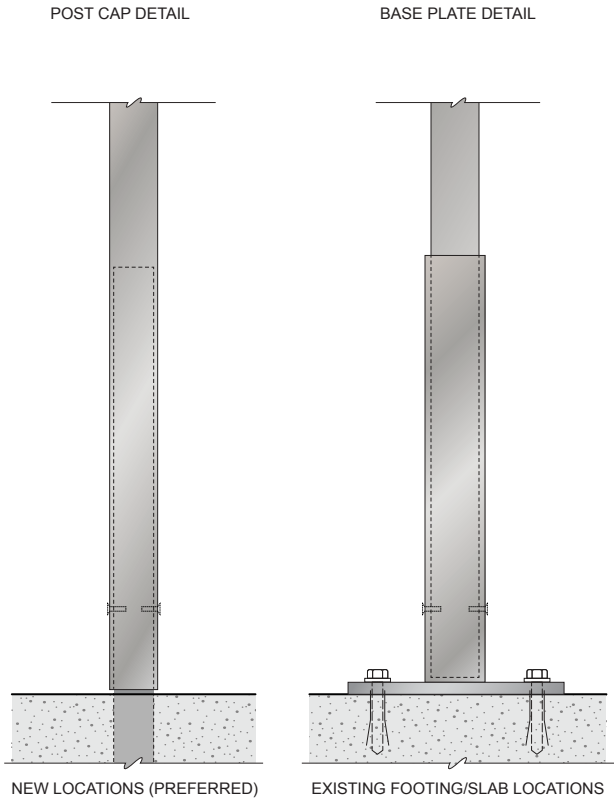
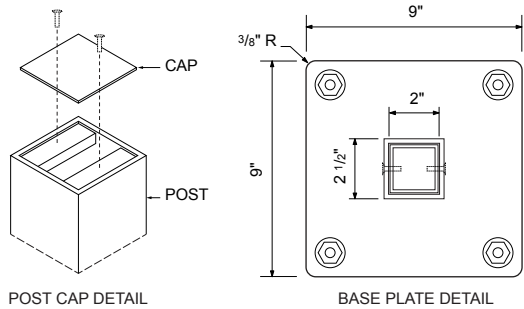
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to apparatus post; no visible fasteners through face. Alternate: non-perforated painted galvanized steel post mounts to ground; painted LAWA Silver; per site condition.

Fonts
Helvetica Neue 75 Bold



4 CONTEXT ELEVATION



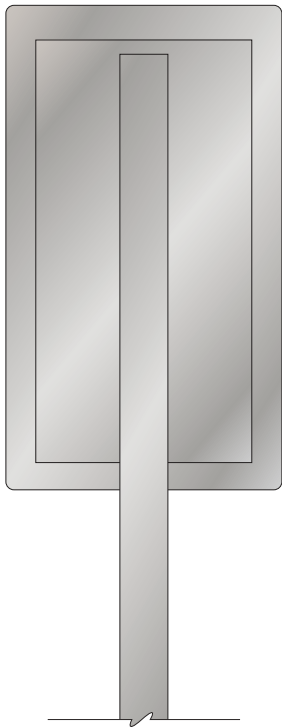
5 POLE ATTACHMENT DETAIL



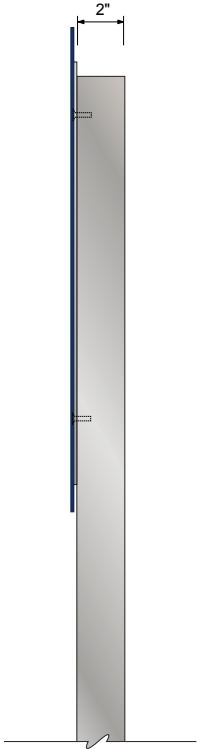
1 FACE VIEW



2 PRODUCT REFERENCE

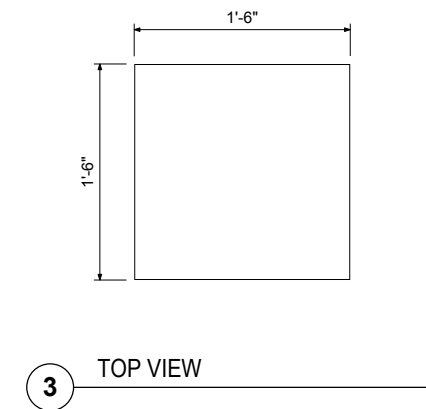
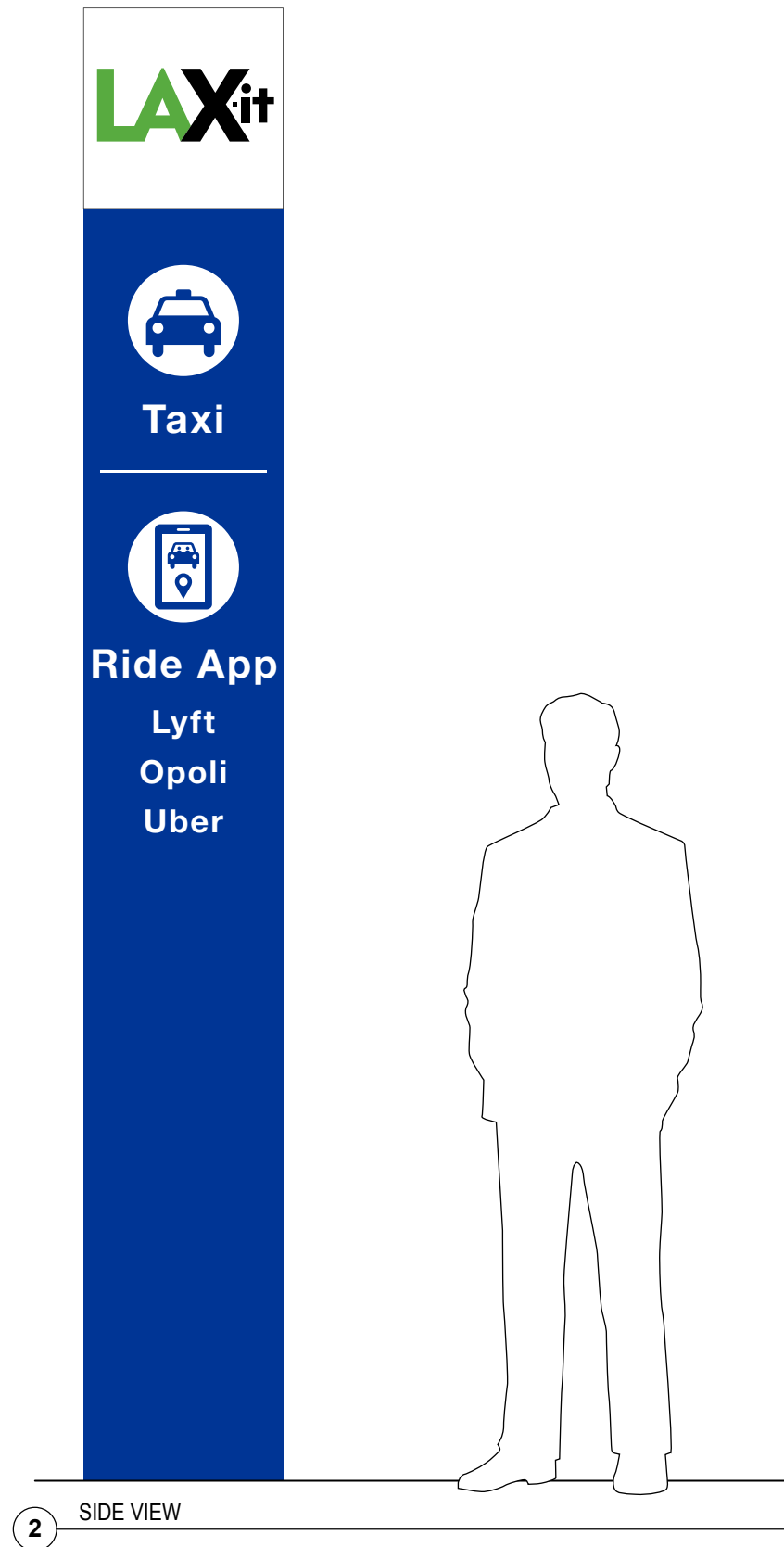
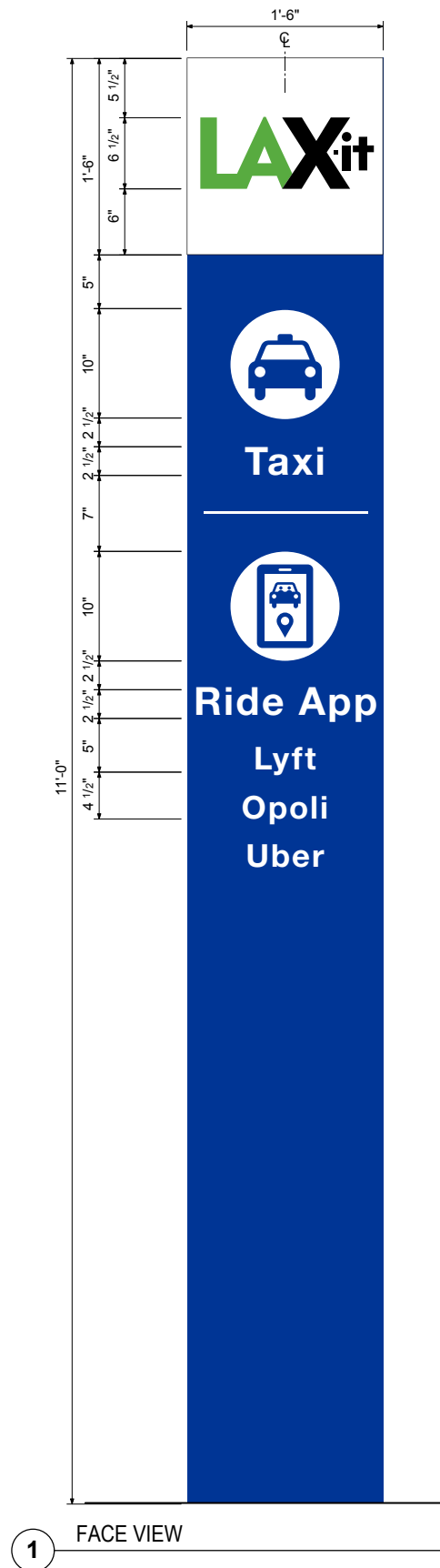


3 PANEL ATTACHMENT DETAIL



BACKVIEW

SIDE VIEW



SIGN TYPE DESIGN DETAILS

A115-G

PARKING LOT IDENTITY PYLON

IDENTITY SIGNAGE – EXTERIOR

Function

Exterior site identification sign.

Location

Near entrance.

Material & Construction

Fabricated cabinet of quality stainless steel with removable face panels for maintenance; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

4 faces.

Message

Direct surface printing or cut vinyl applied to first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

Non-illuminated.

Mounting

Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font

Helvetica Neue 75 Bold

A116-G

STATIC BUS STOP IDENTITY PYLON

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior site identification sign.

Location
At bus stops.

Material & Construction
Fabricated sign cabinet of quality stainless steel; #4 vertical brushed finish. Removable message panel of 3/4" deep .080 gauge aluminum pan face; painted. Anti-graffiti satin clear coat on all painted surfaces.

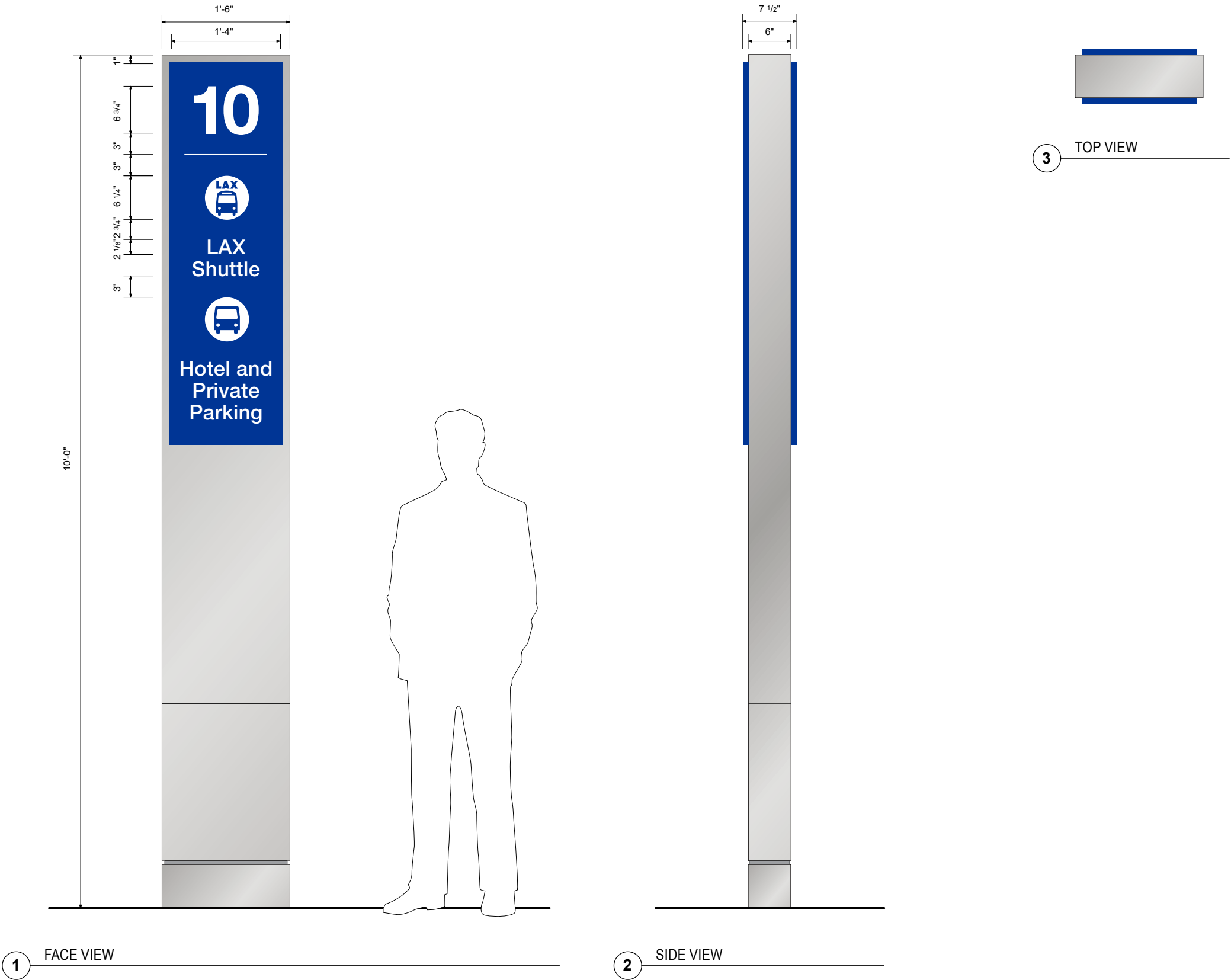
Configuration
2 faces.

Message
Direct surface printing or cut vinyl applied to first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Message pans fasten blind to cabinet with concealed mechanical anchors. Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 75 Bold
Helvetica Neue 65 Medium



A117-GD

DYNAMIC BUS STOP IDENTITY BLADE

IDENTITY SIGNAGE – EXTERIOR

Function
Exterior site identification sign.

Location
At bus stops.

Material & Construction
Fabricated sign cabinet of quality stainless steel; #4 vertical brushed finish. Removable face panels for maintenance; concealed fasteners. Anti-graffiti satin clear coat on all painted surfaces. Integrated internal LED display per LAWA specifications.

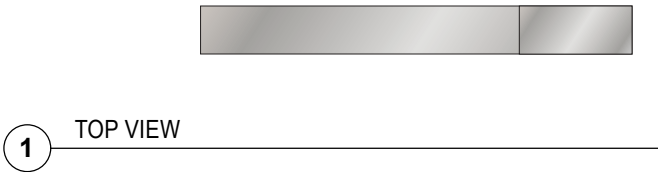
Configuration
2 faces.

Message
Direct surface printing of color field and static numerals to first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

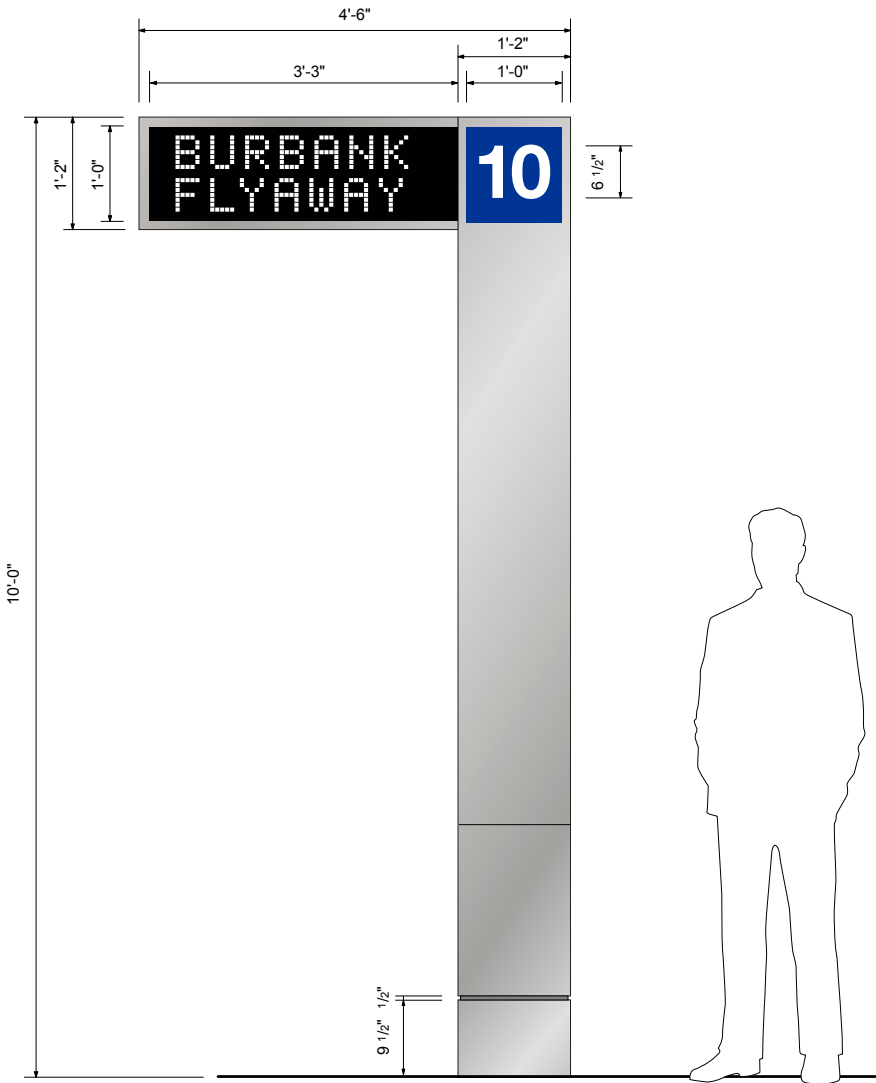
Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

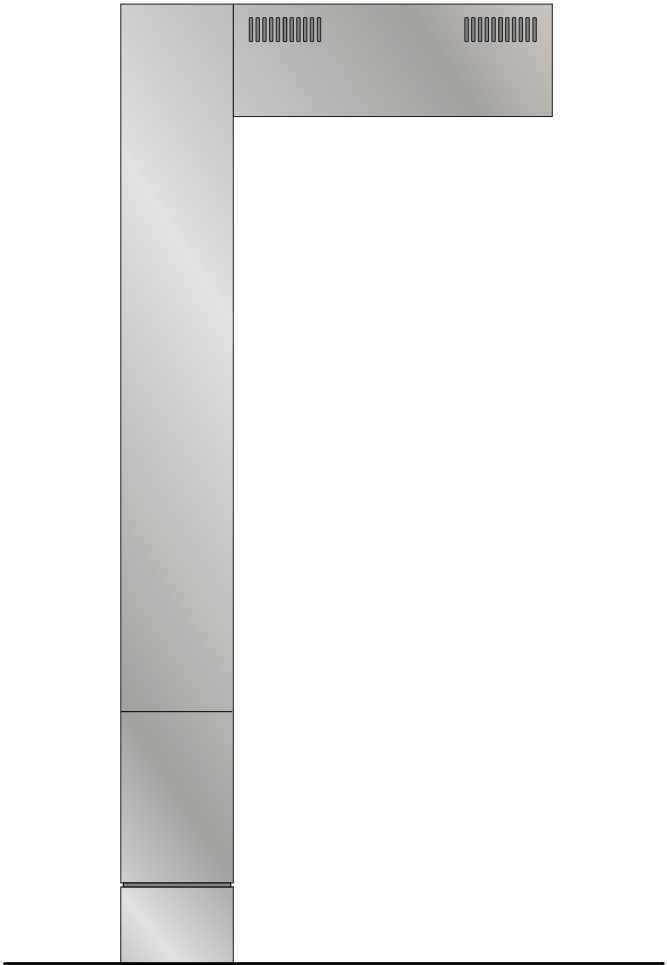
Font
Helvetica Neue 75 Bold



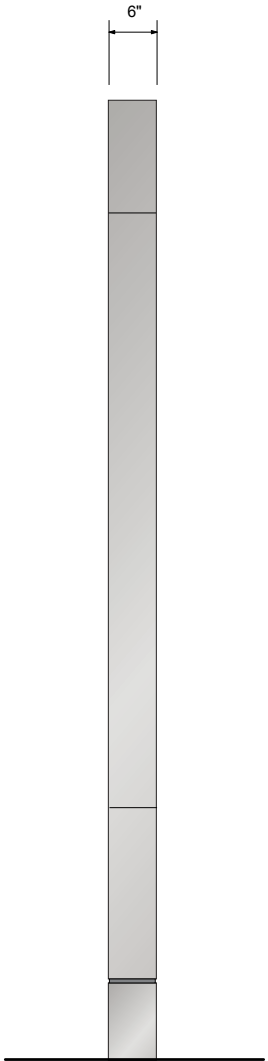
1 TOP VIEW



2 FACE VIEW



3 REAR VIEW



4 SIDE VIEW

A119-S

CURBSIDE SUSPENDED VEHICLE ZONE IDENTITY

IDENTITY SIGNAGE – EXTERIOR

Function
Vehicle pick-up area identification sign.

Location
Over curbside pick-up area.

Material & Construction
Rectangular panels of 1/8" thick translucent acrylic with translucent color vinyl. Pictograms and circles of opaque vinyl.

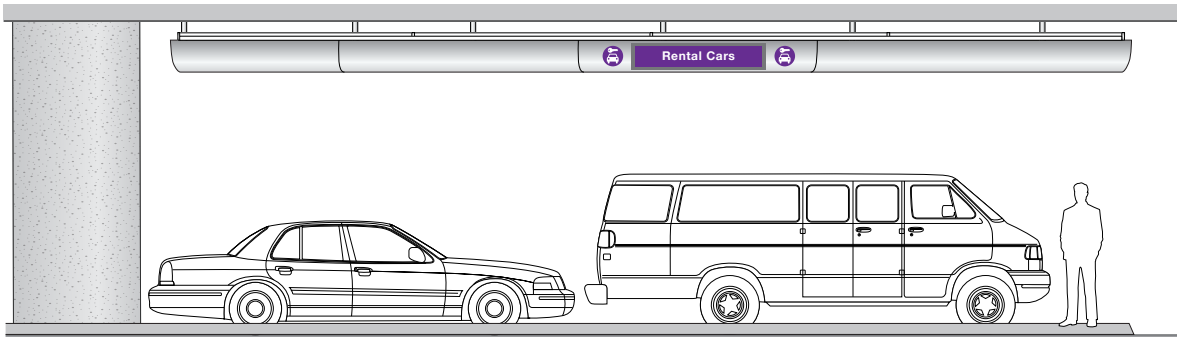
Configuration
1 face.

Message
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Existing interior illumination through sign face by LED array.

Mounting
Attach to existing sign cabinet with mechanical clips and fasteners.

Font
Helvetica Neue 75 Bold



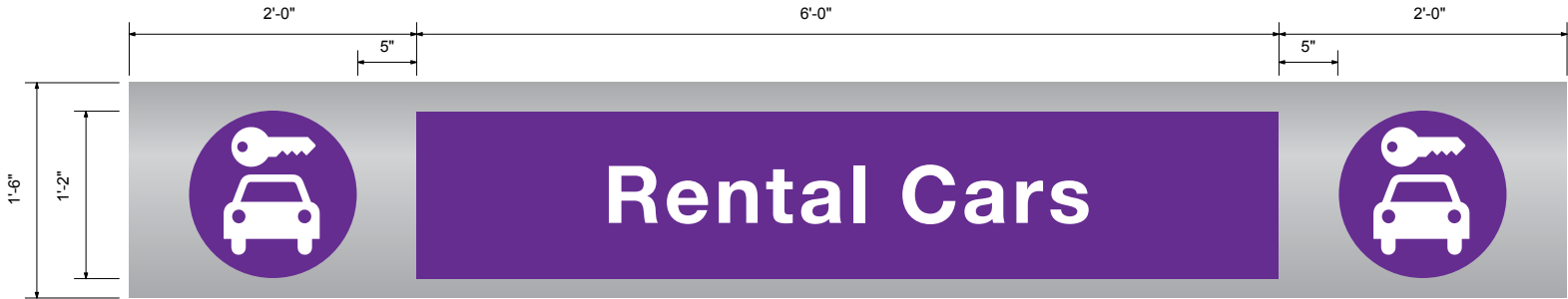
4 CONTEXT ELEVATION



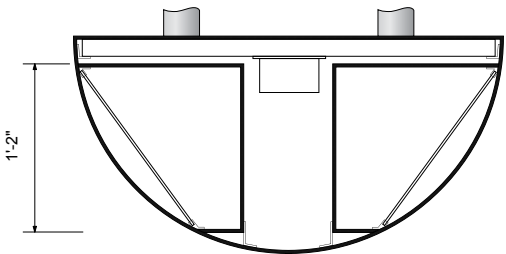
1 MESSAGE LAYOUT – PASSENGER PICKUP



2 MESSAGE LAYOUT – SHARED RIDES



3 MESSAGE LAYOUT – RENTAL CARS



5 SIDE SECTION VIEW

A120-V

JETWAY GATE IDENTITY

IDENTITY SIGNAGE – EXTERIOR

Function

Airside gate identification sign.

Location

Jetway roof.

Material & Construction

Rectangular panels of 3/16" thick translucent white acrylic.

Configuration

3 panels per sign; 1 face per panel.

Message

Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

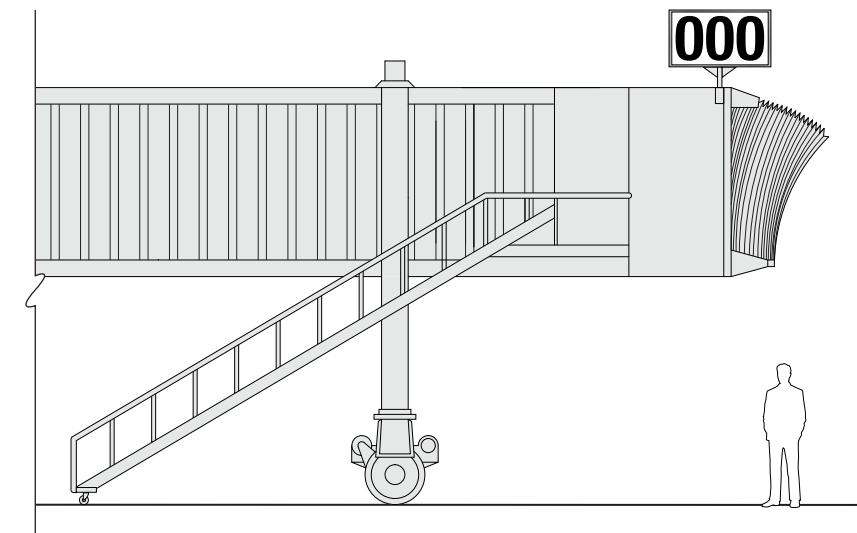
Existing interior illumination through sign face.

Mounting

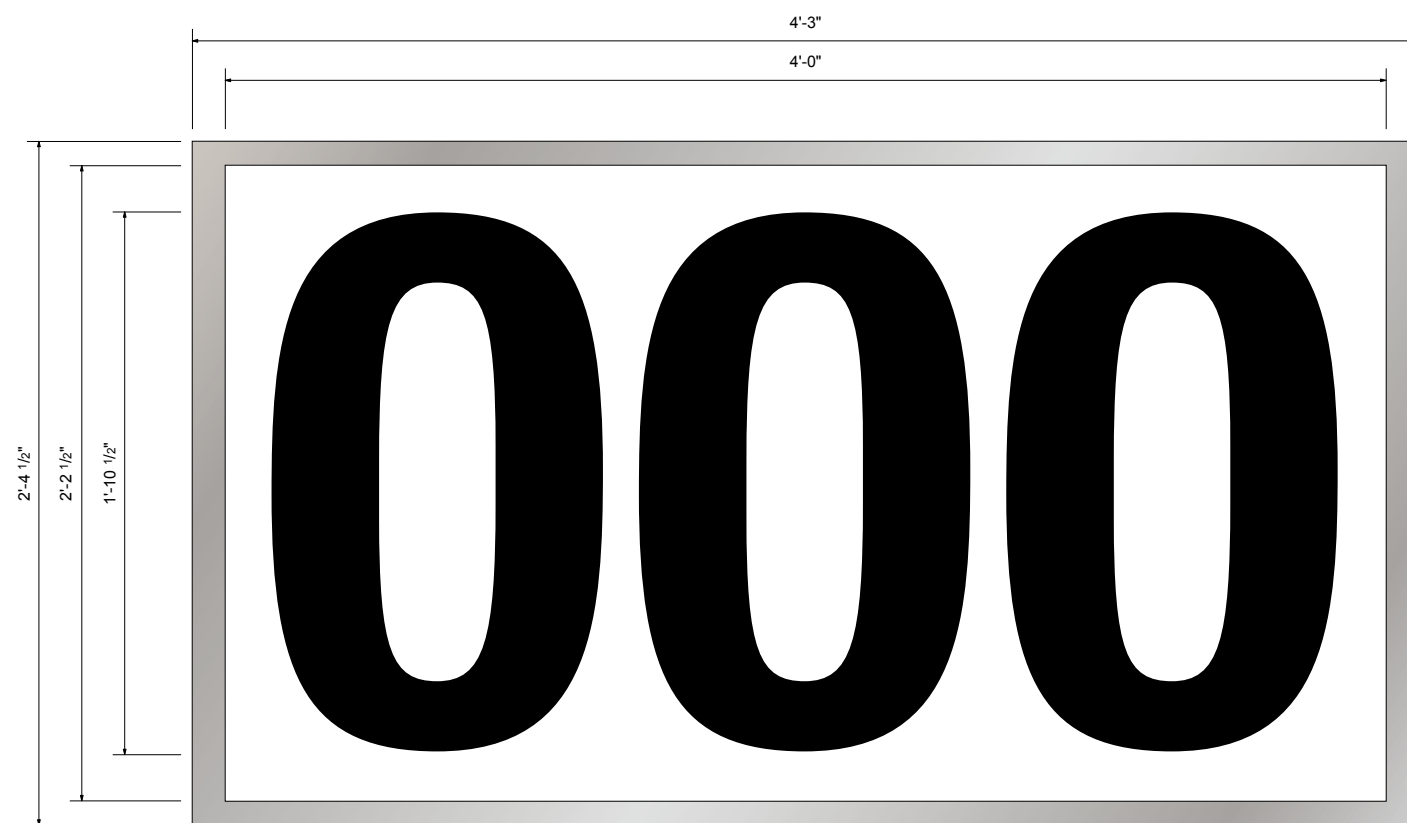
Attach to existing sign cabinet frame with mechanical clips and fasteners.

Fonts

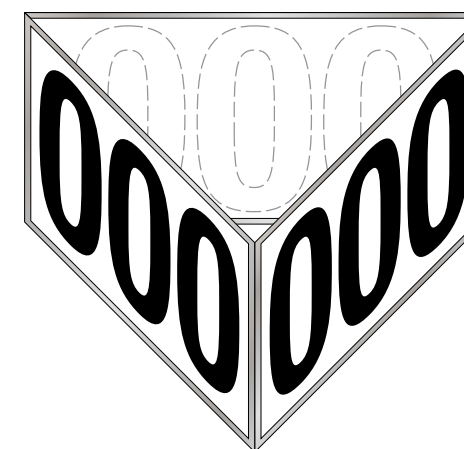
Helvetica Neue 77 Bold Condensed



2 CONTEXT ELEVATION



1 FACE VIEW



3 ISOMETRIC CUTAWAY VIEW

A121-V

AIRSIDE SERVICE GATE IDENTITY

IDENTITY SIGNAGE – EXTERIOR

Function
Back of house airside gate identification sign.

Location
On exterior of building at gate.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

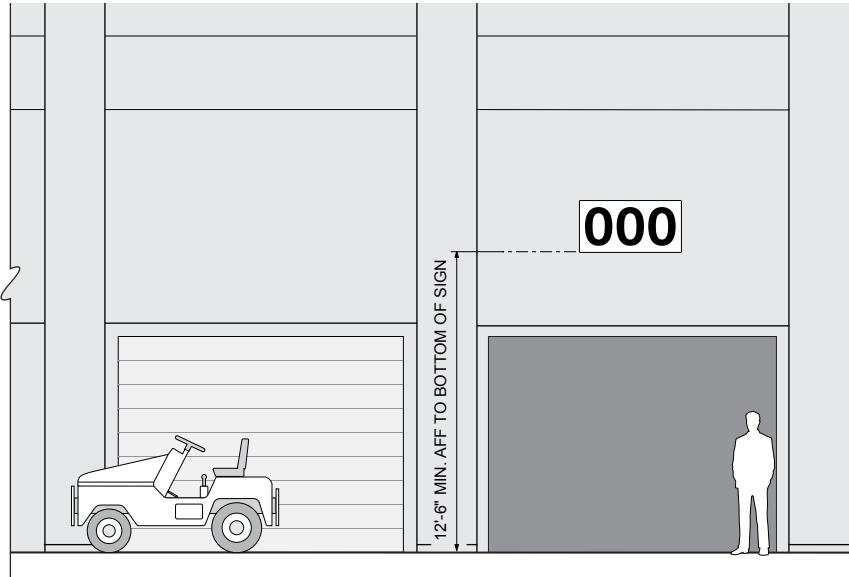
Configuration
1 face.

Message
Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

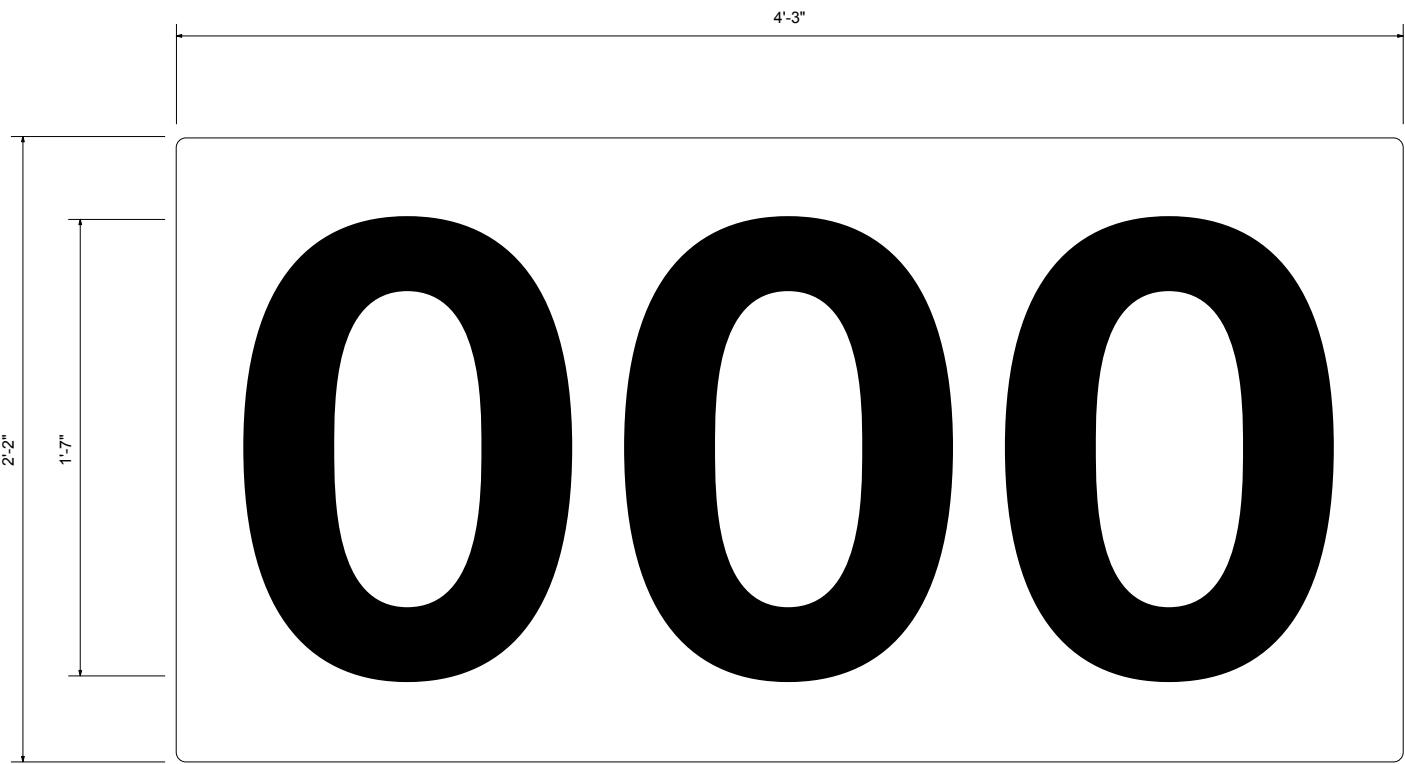
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall. No visible fasteners through message face.

Fonts
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

A500-V

OVERHEAD GATE IDENTITY

IDENTITY SIGNAGE – INTERIOR

Function
Gate identification sign.

Location
Above gate door.

Material & Construction
Cut vinyl.

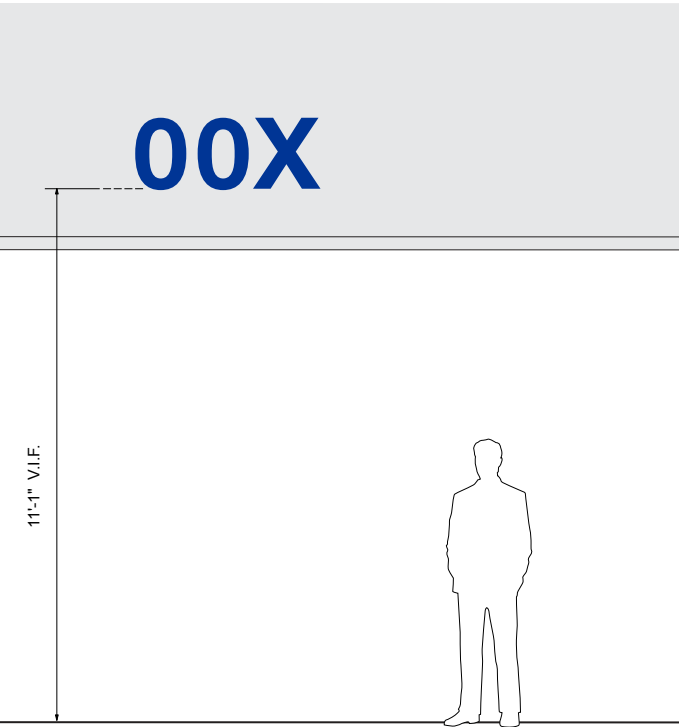
Configuration
1 face.

Message
Cut vinyl applied to wall surface.
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Adhere flush to wall.

Font
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW

A501-SD

HOLD ROOM GATE IDENTITY DISPLAY

IDENTITY SIGNAGE – INTERIOR

Function
Gate identity sign.

Location
Above gate area.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish, painted message area. Anti-graffiti satin clear coat on all painted surfaces. Integrated internal dynamic displays; 40" color LCD per LAWA specifications.

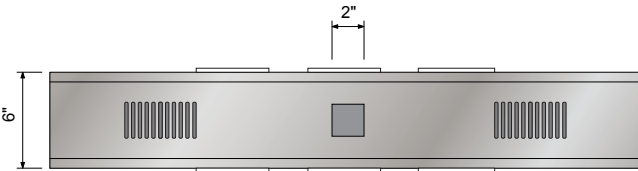
Configuration
2 faces.

Message
Static dimensional numerals of 1/4" thick flatcut acrylic; painted. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

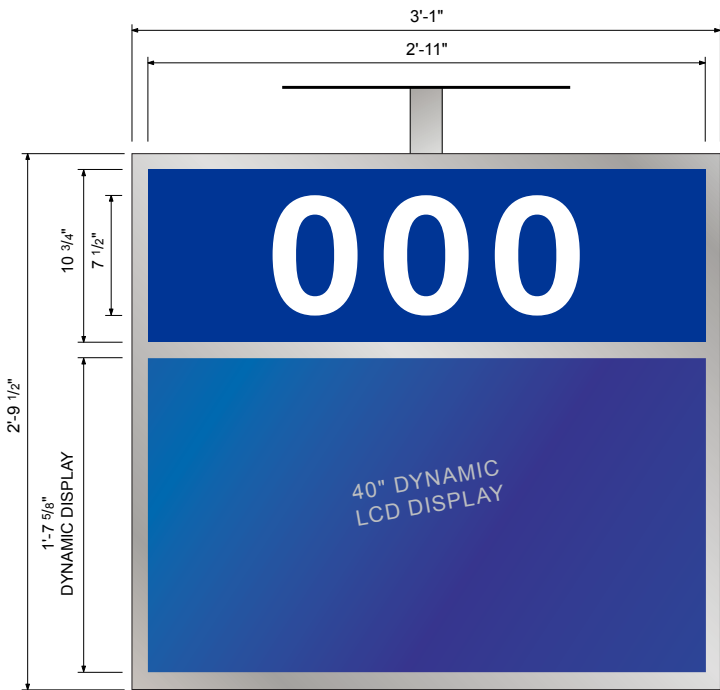
Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

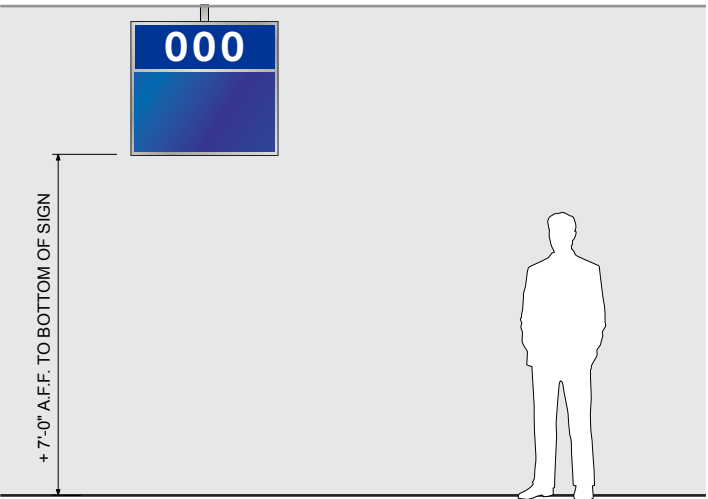
Font
Helvetica Neue 75 Bold



1 TOP VIEW



2 FACE VIEW



3 CONTEXT ELEVATION



4 SIDE VIEW

A502-S

CORRIDOR GATE IDENTITY BLADE

IDENTITY SIGNAGE – INTERIOR

Function
Gate identity sign.

Location
Above gate area.

Material & Construction
Sign frame and bracket of quality stainless steel; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

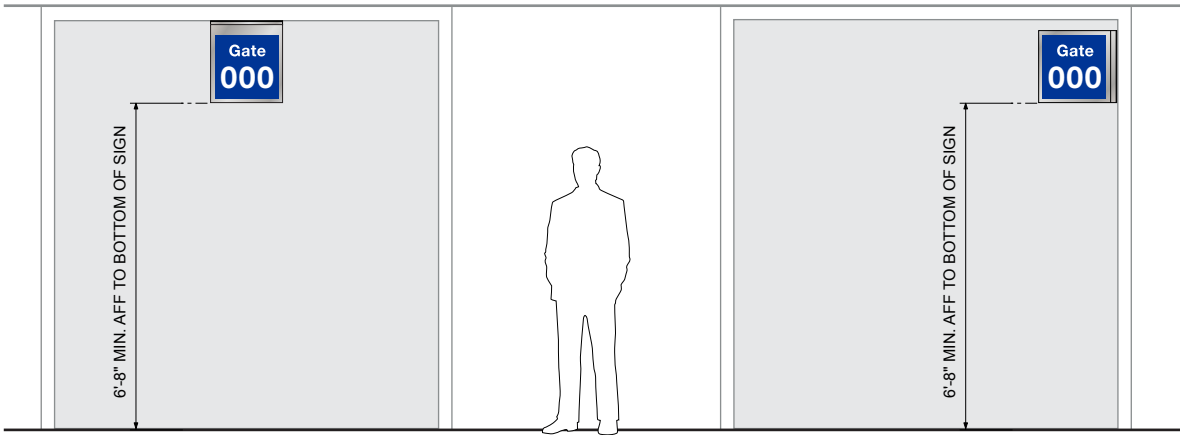
Configuration
2 faces.

Message
Cut vinyl adhered to first surface of message panel. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

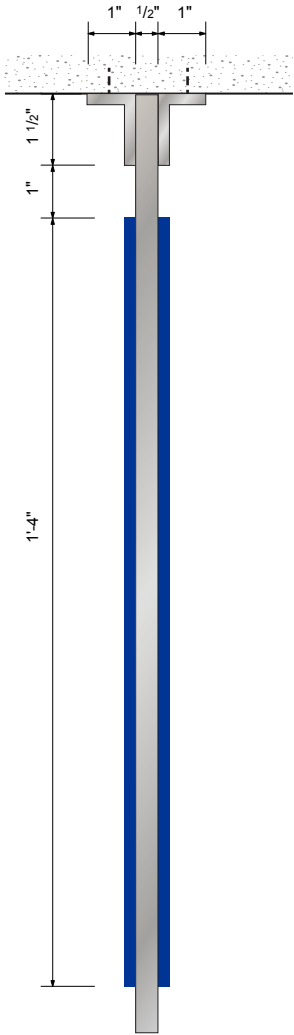
Illumination
Non-illuminated.

Mounting
Mount perpendicular to building structure with countersunk stainless steel fasteners as required per condition.

Font
Helvetica Neue 75 Bold



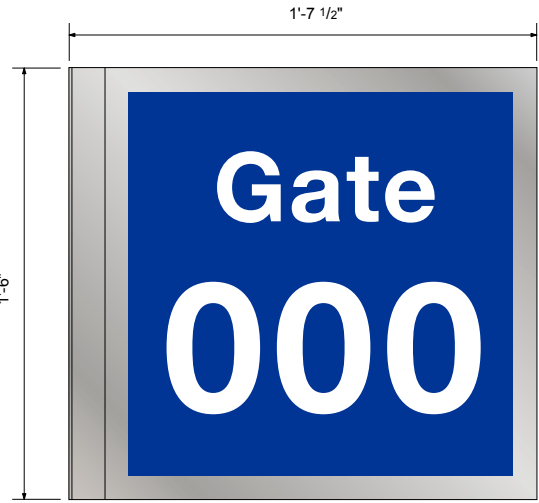
2 CONTEXT ELEVATIONS



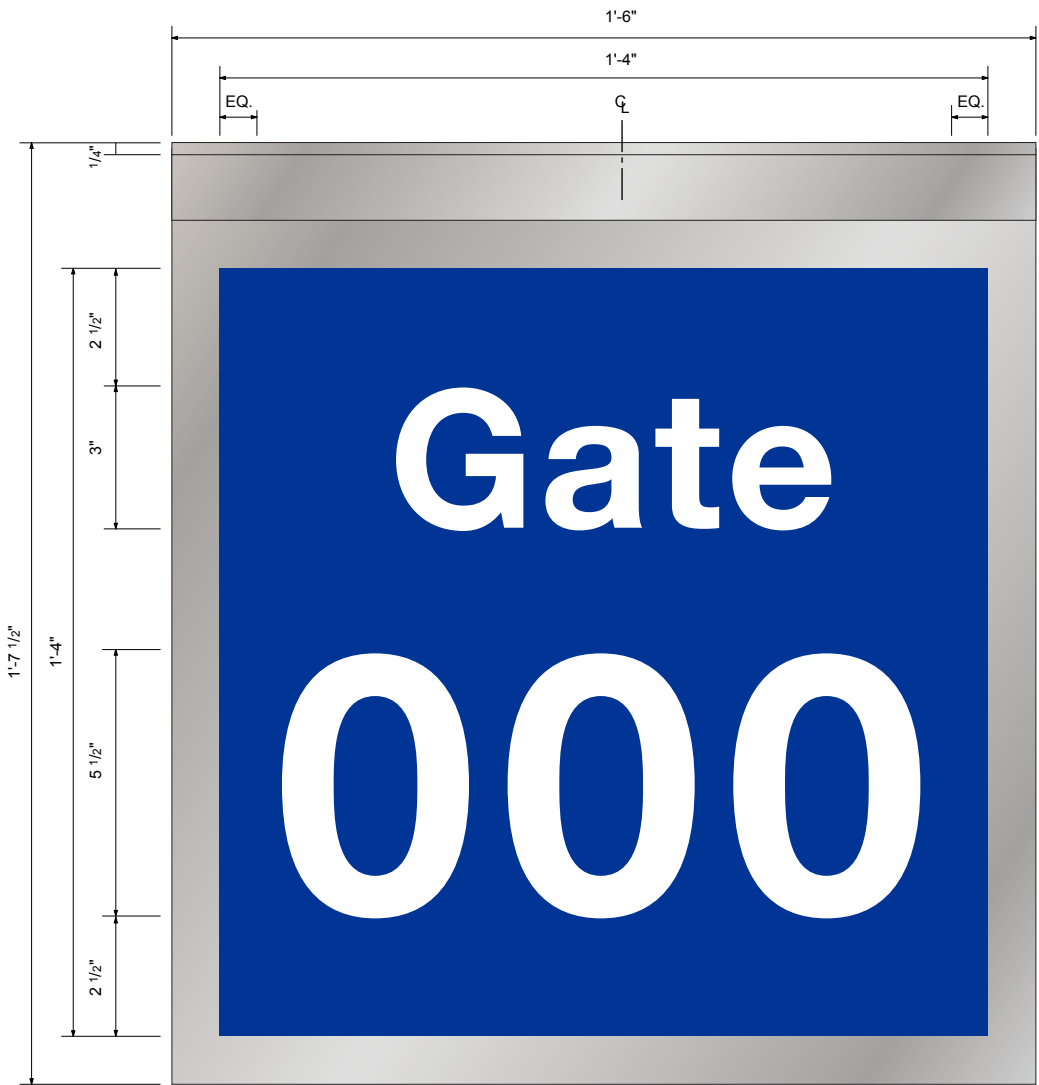
3 SIDE VIEW



4 FACE VIEW – VERTICAL MOUNT



5 FACE VIEW – VERTICAL MOUNT



1 FACE VIEW – CEILING MOUNT

A503-P

BAGGAGE CAROUSEL IDENTITY BLADE

IDENTITY SIGNAGE – INTERIOR

Function
Services identification sign.

Location
Above service location.

Material & Construction
Sign cabinet and bracket of quality stainless steel; #4 horizontal brush finish, Message panel face of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

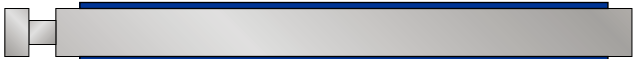
Configuration
2 faces.

Message
Cut vinyl adhered to first surface of message panel. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

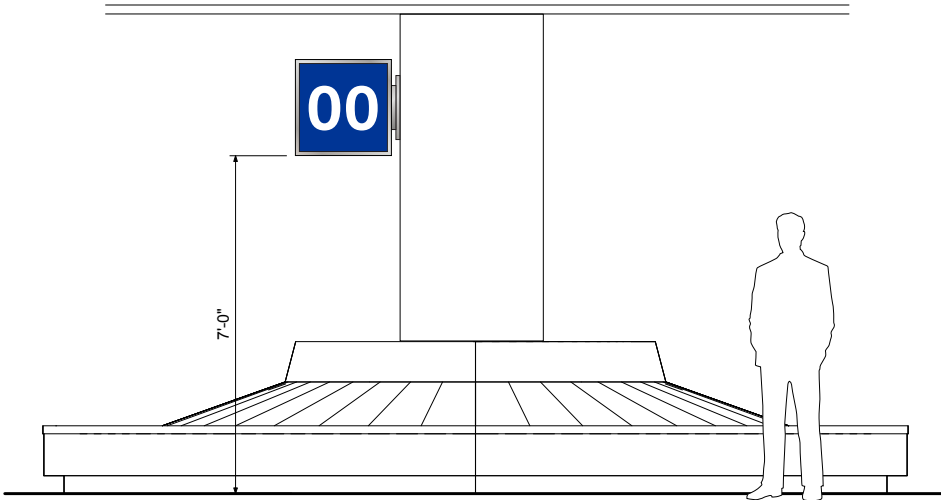
Illumination
Non-illuminated.

Mounting
Mount perpendicular to wall.

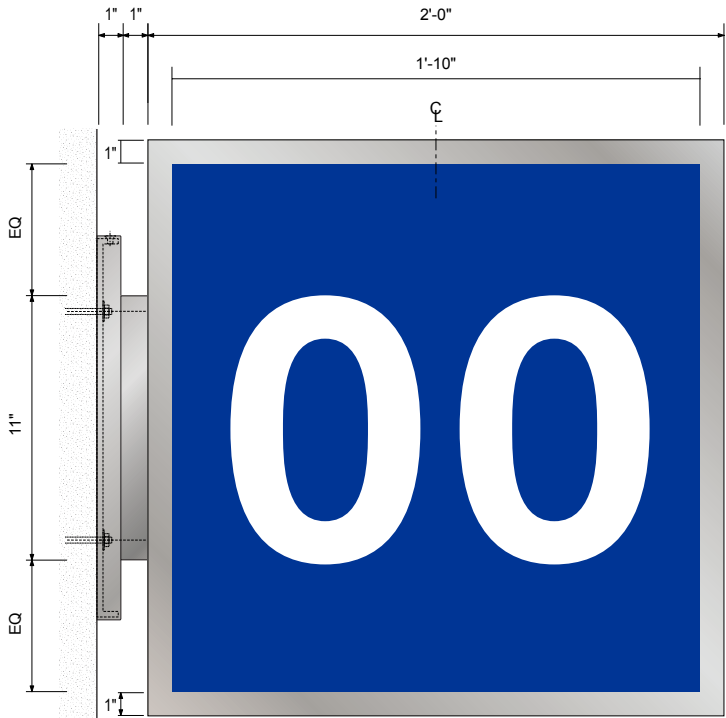
Font
Helvetica Neue 75 Bold



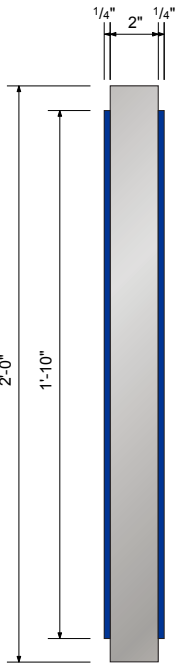
1 TOP VIEW



3 CONTEXT ELEVATION



2 FACE VIEW



4 SIDE VIEW

A504-S

SUSPENDED SERVICES IDENTITY

IDENTITY SIGNAGE – INTERIOR

Function
Services identification sign.

Location
Above service location.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 or 2 faces.

Message
Cut vinyl applied to first surface of message pan. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

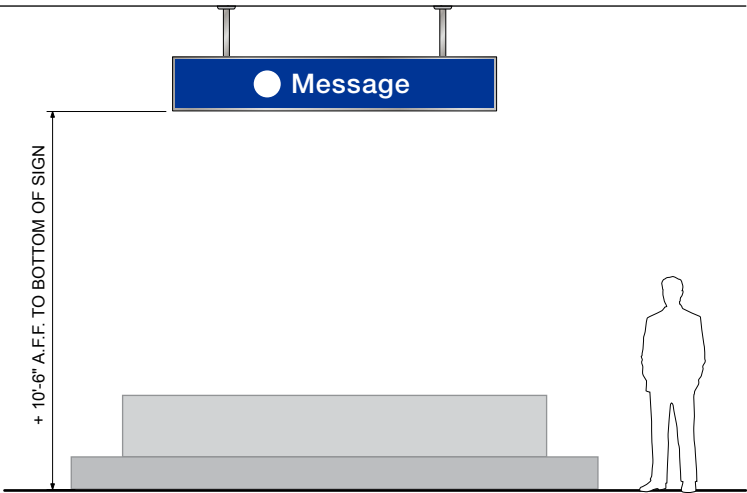
Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

Font
Helvetica Neue 65 Medium



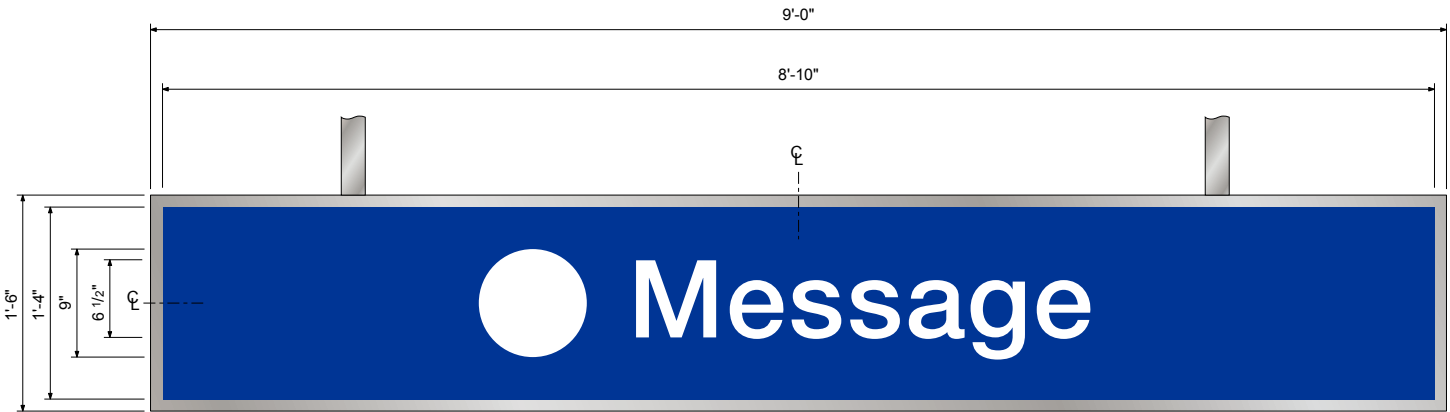
1 TOP VIEW



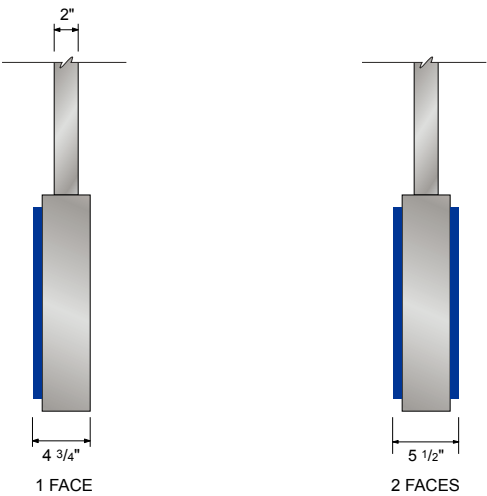
3 CONTEXT ELEVATION PLATFORM - TYPICAL



4 REAR VIEW 1 FACE



2 FACE VIEW



5 SIDE VIEWS

A505-V

PARKING LEVEL IDENTITY NUMBER

IDENTITY SIGNAGE – INTERIOR

Function

Parking level identification sign.

Location

At elevator core.

Material & Construction

Paint applied to first surface.

Configuration

1 face.

Message

Painted numerals. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

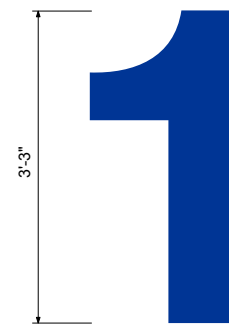
Non-illuminated.

Mounting

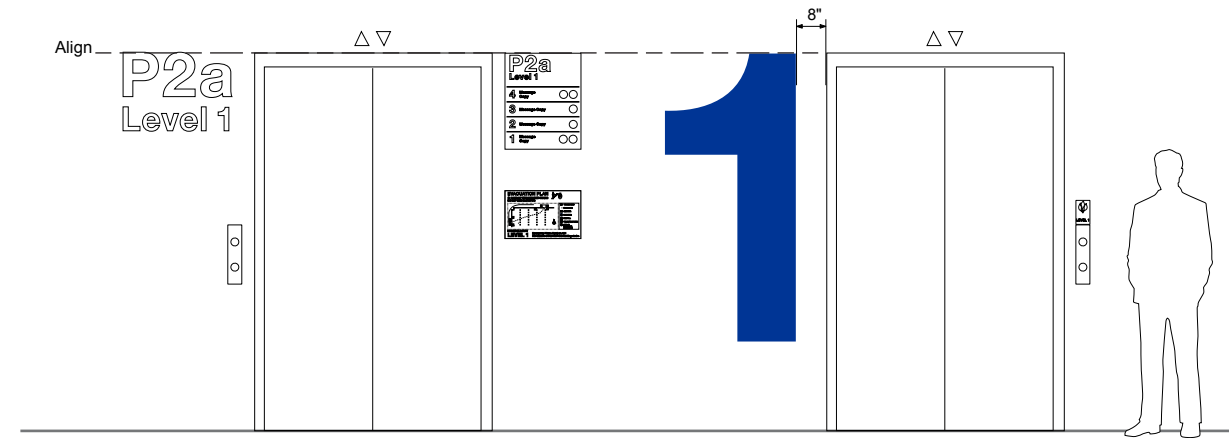
Apply to first surface of wall.

Font

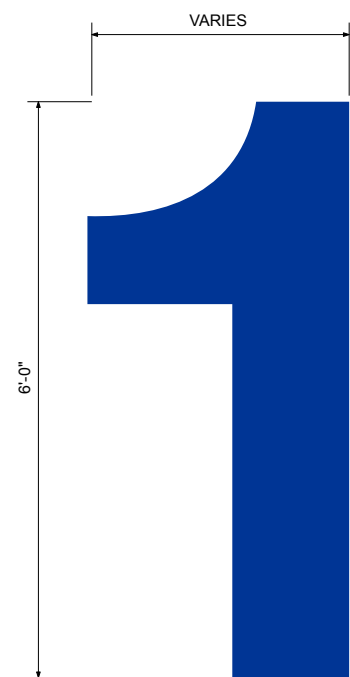
Helvetica Neue 75 Bold



1 ALTERNATE SIZE



3 CONTEXT ELEVATION



2 FACE VIEW



4 LAYOUTS

A506-V

PARKING STRUCTURE & LEVEL IDENTITY

IDENTITY SIGNAGE – INTERIOR

Function
Parking level identification sign.

Location
At elevator core.

Material & Construction
Paint applied to first surface.

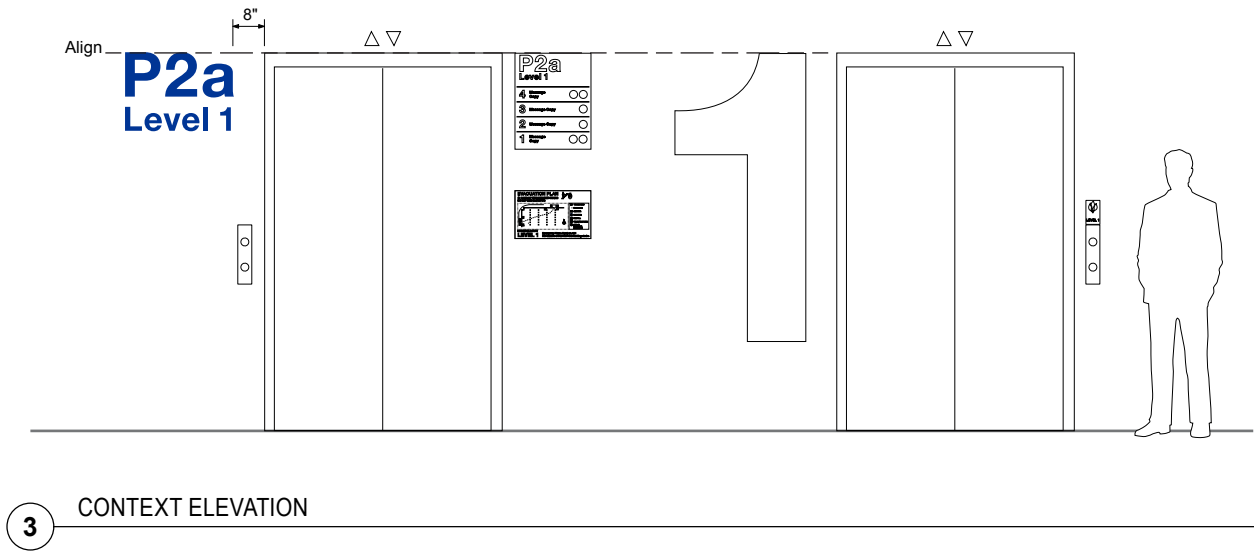
Configuration
1 face.

Message
Painted copy. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

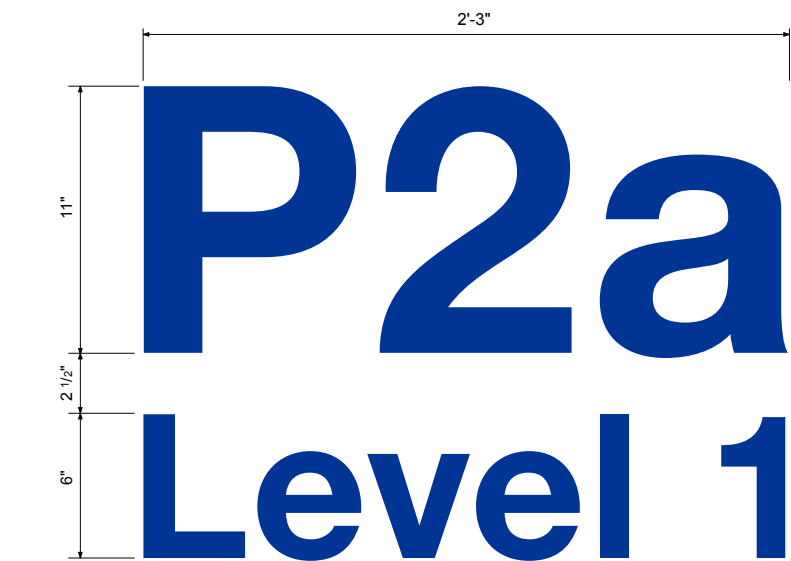
Illumination
Non-illuminated.

Mounting
Apply to first surface of wall.

Font
Helvetica Neue 75 Bold



3 CONTEXT ELEVATION



1 FACE VIEW



2 ALTERNATE LAYOUTS

A507-V

PARKING AREA IDENTITY

IDENTITY SIGNAGE – EXTERIOR/INTERIOR

Function

Parking area identification sign.

Location

At parking row column.

Material & Construction

Painted background and copy. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Painted characters on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

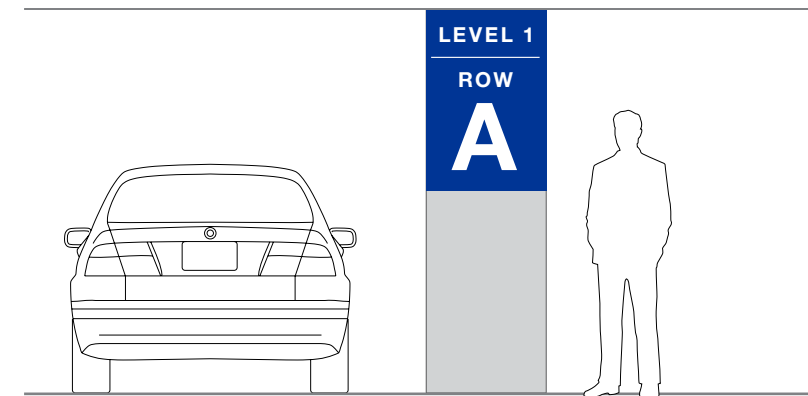
Non-illuminated.

Mounting

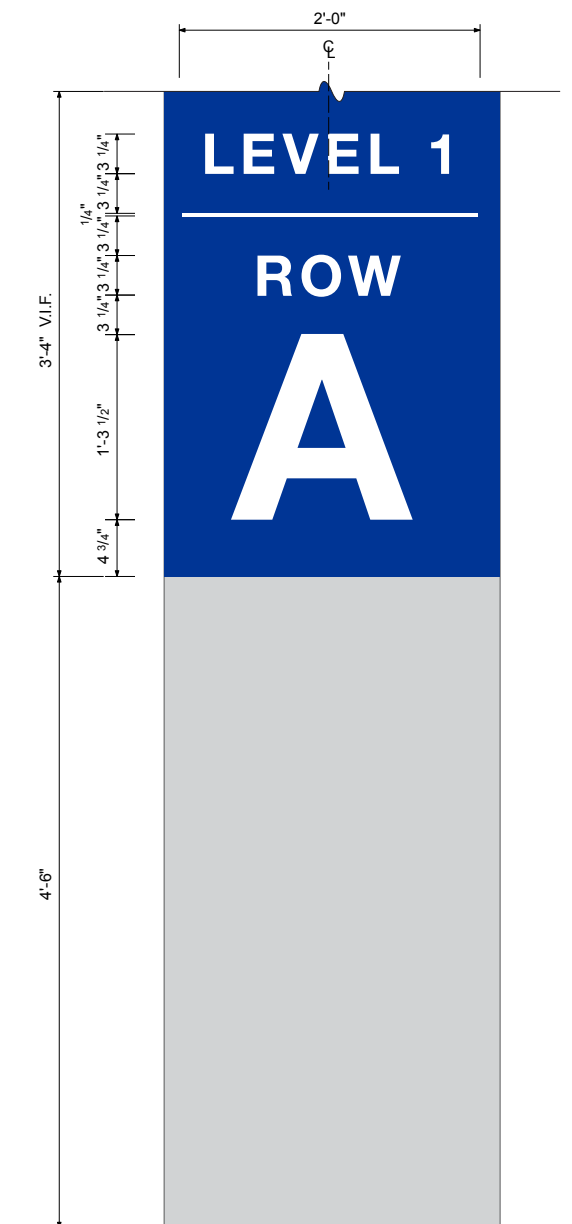
Apply to first surface of column.

Font

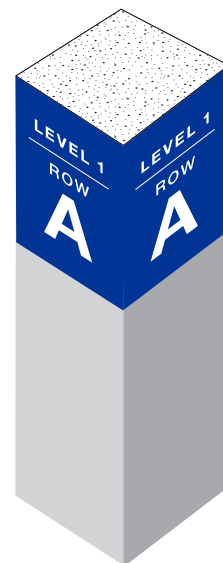
Helvetica Neue 75 Bold



3 CONTEXT ELEVATION



1 FACE/BACK/SIDE VIEWS



2 PERSPECTIVE VIEW

A508-V

PARKING FIRE EXTINGUISHER

IDENTITY SIGNAGE –
EXTERIOR/INTERIOR

Function
Parking area identification sign.

Location
At parking row column.

Material & Construction
Painted graphics. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 face.

Message
Painted characters on first surface.

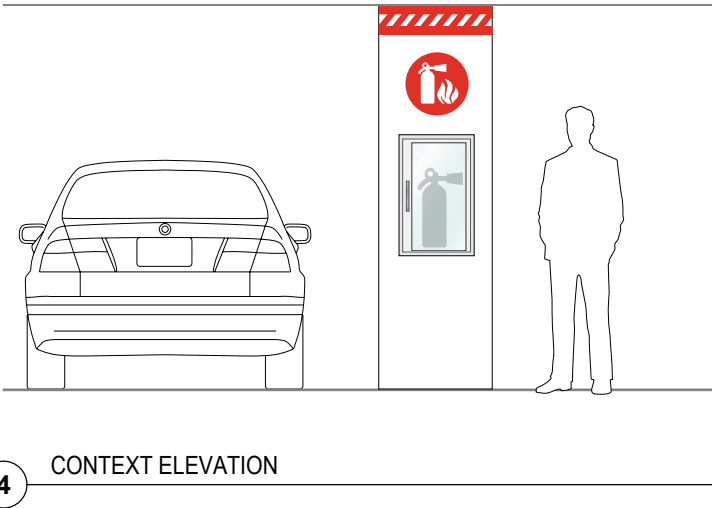
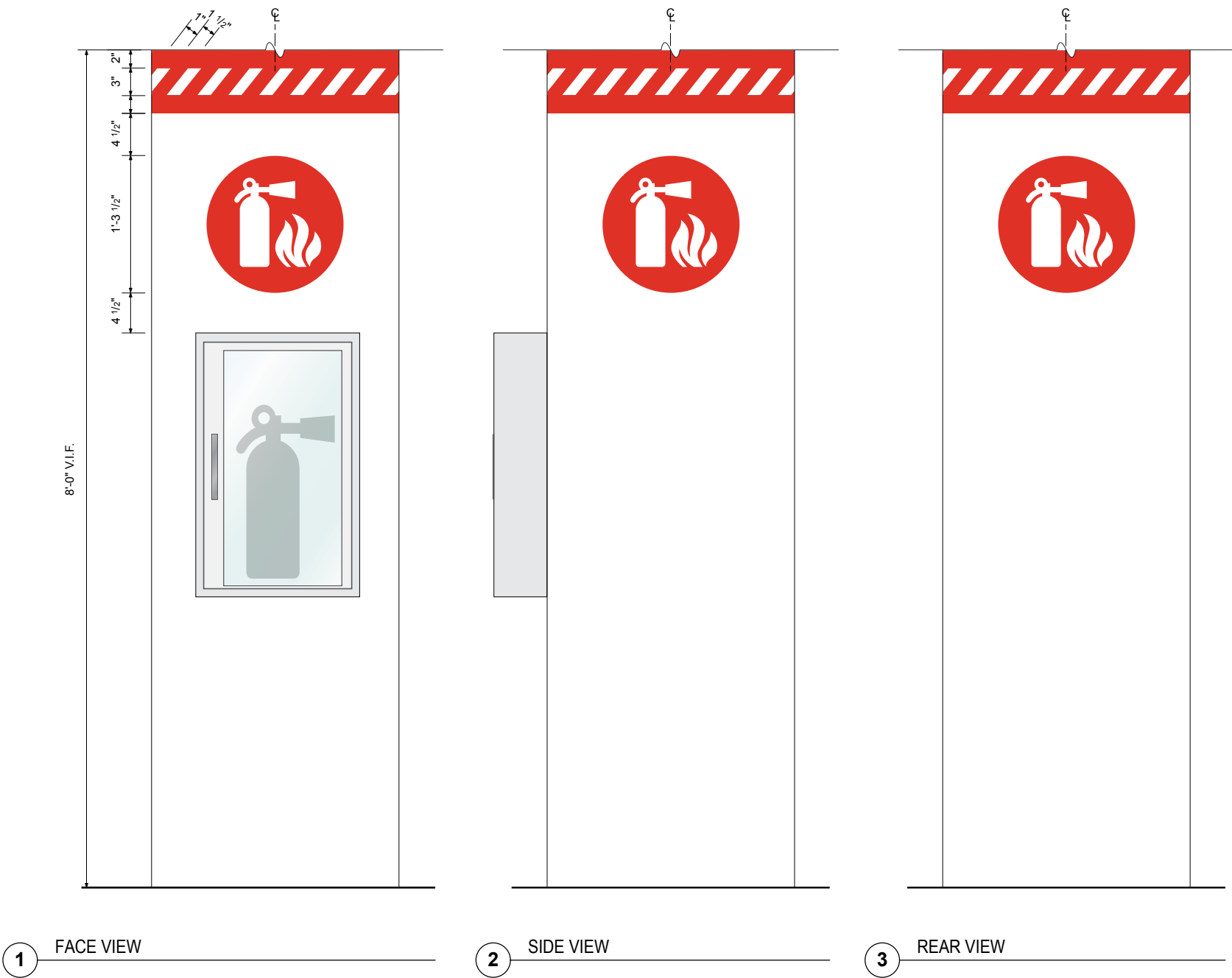
Configuration
1 face.

Message
Painted characters and pictogram applied to first surface.

Illumination
Non-illuminated.

Mounting
Applied to first surface of column.

Font
Helvetica Neue 75 Bold



4 CONTEXT ELEVATION

A509-V

TERMINAL LEVEL DIRECTORY

IDENTITY SIGNAGE – INTERIOR

Function
Level identification sign.

Location
At elevator core.

Material & Construction
Fabricated 1/8" deep sign frame of quality stainless steel; #4 horizontal brush finish, Message panel face of 1/8" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 face.

Message
Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

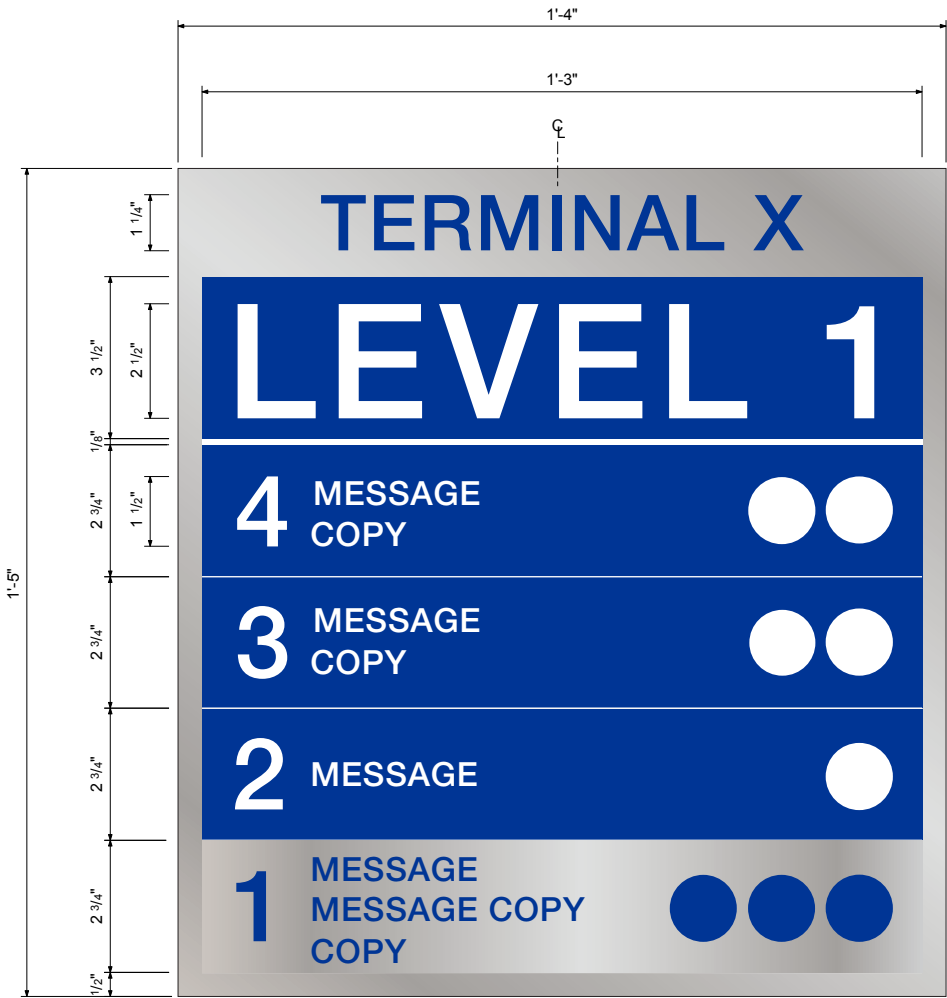
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall. No visible fasteners through message panel.

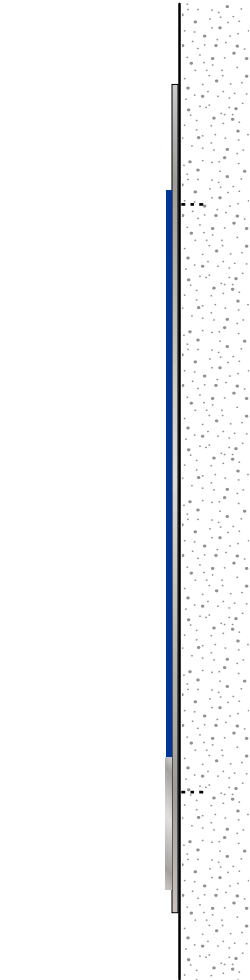
Font
Helvetica Neue 65 Medium



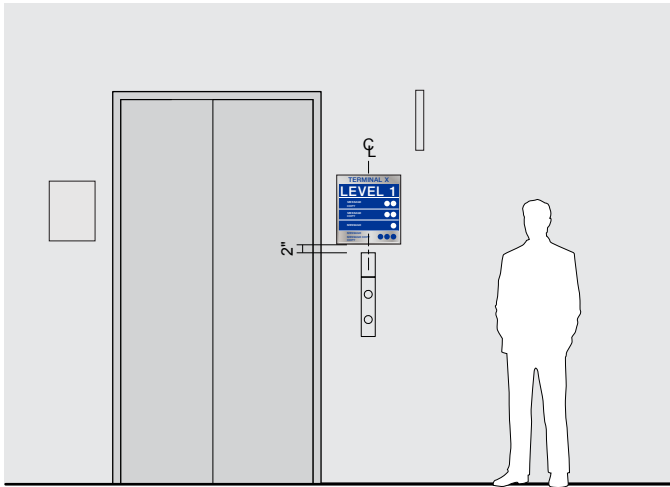
1 TOP VIEW



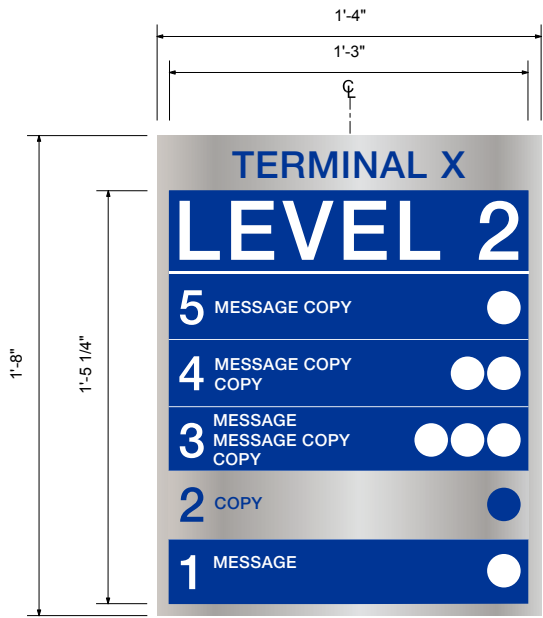
2 FACE VIEW



3 SIDE VIEW



4 CONTEXT ELEVATION



5 FACE VIEW ALT.

A510-V

PARKING LEVEL DIRECTORY

IDENTITY SIGNAGE – EXTERIOR/INTERIOR

Function
Parking level identification sign.

Location
At elevator core.

Material & Construction
Message panel of quality stainless steel; #4 horizontal brushed finish. Backer panel of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

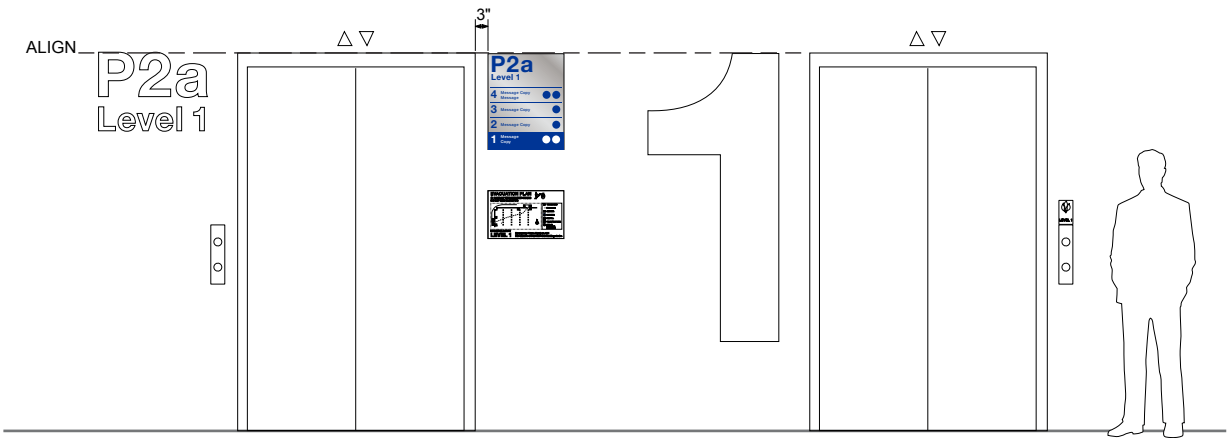
Configuration
1 face.

Message
Etch copy to minimum 1/32" depth and paint fill on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

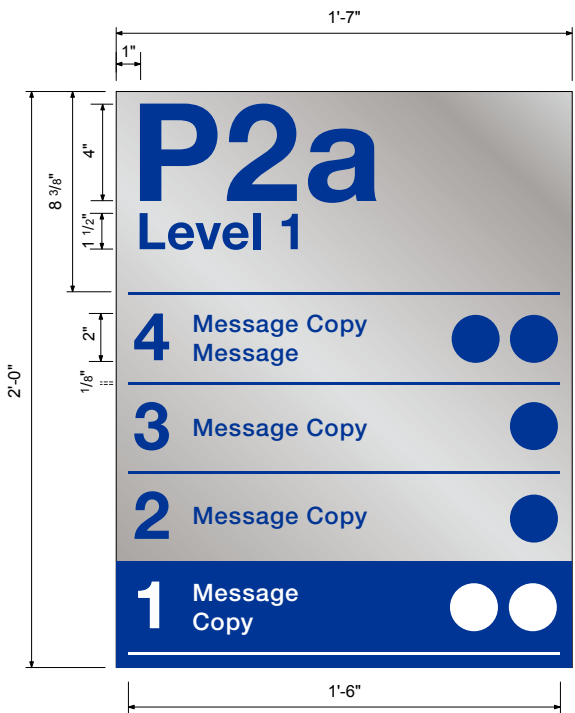
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall. No visible fasteners through message panel.

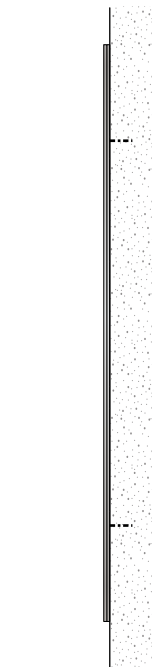
Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



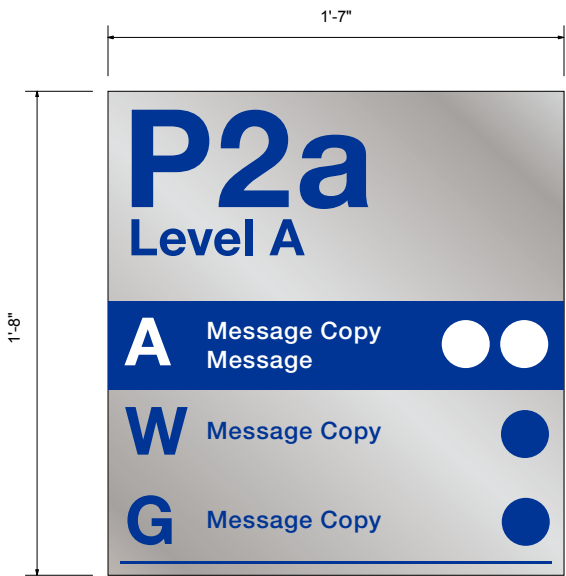
3 CONTEXT ELEVATION



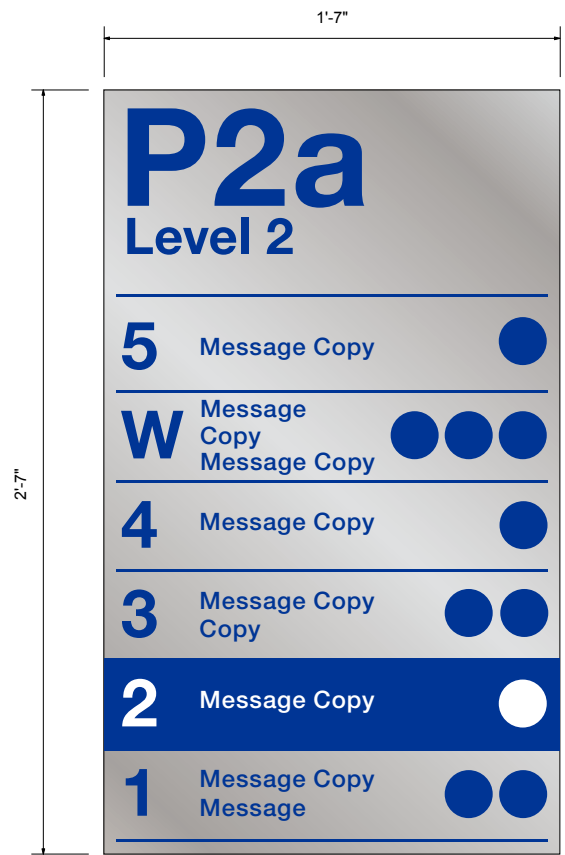
2 FACE VIEW — PARKING



3 SIDE VIEW



4 FACE VIEW — STATION



5 FACE VIEW — PARKING & STATION

A511-V

ACCESSIBLE VEHICLE PICK-UP IDENTITY

IDENTITY SIGNAGE – EXTERIOR/INTERIOR

Function
Services identification sign.

Location
At service location.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

Configuration
1 or 2 faces.

Message
Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

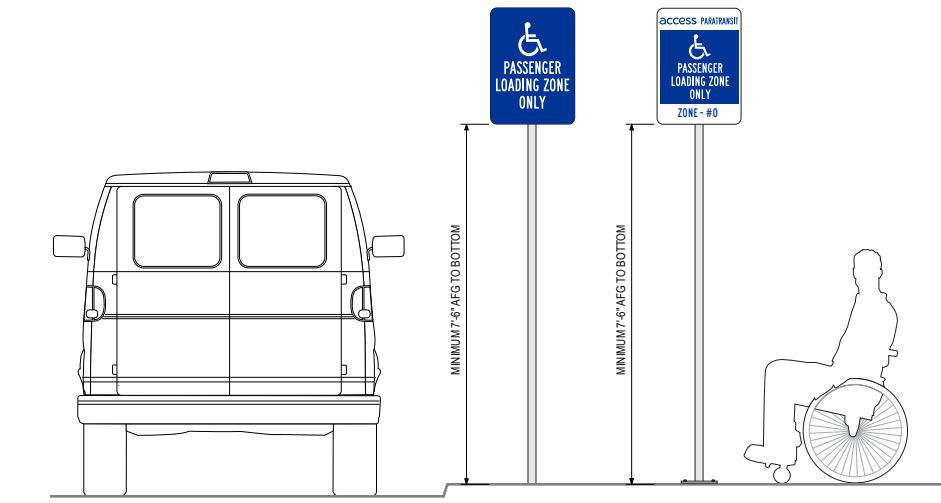
Font
Highway Gothic Condensed



1 FACE VIEW



3 ALT. FACE VIEW



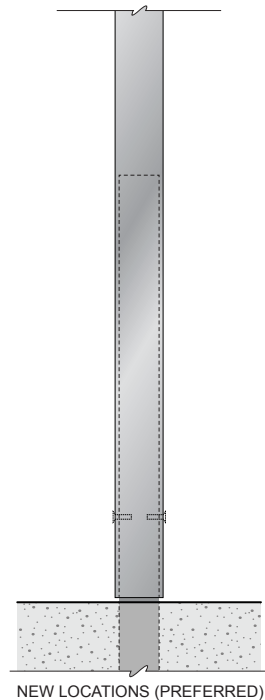
6 CONTEXT VIEW



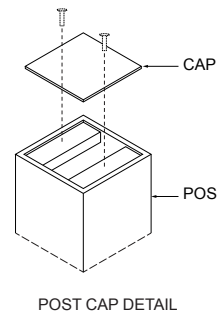
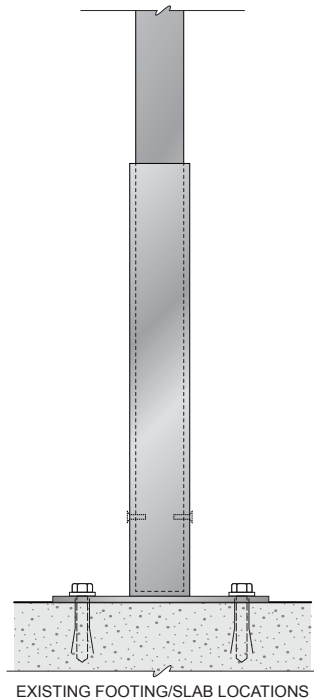
2 BACK VIEW – PANEL ATTACHMENT DETAILS



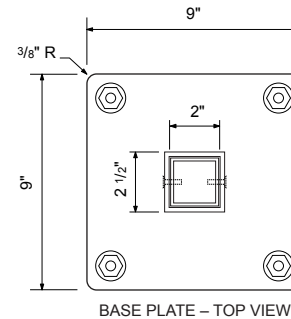
4 SIDE VIEW



5 POLE ATTACHMENT DETAIL



POST CAP DETAIL



A512-V

ACCESSIBLE VEHICLE PARKING IDENTITY

IDENTITY SIGNAGE –
EXTERIOR/INTERIOR

Function
Accessible parking identification sign.

Location
At parking location.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

Configuration
1 face.

Message
Direct-to-surface printing on first surface.

Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

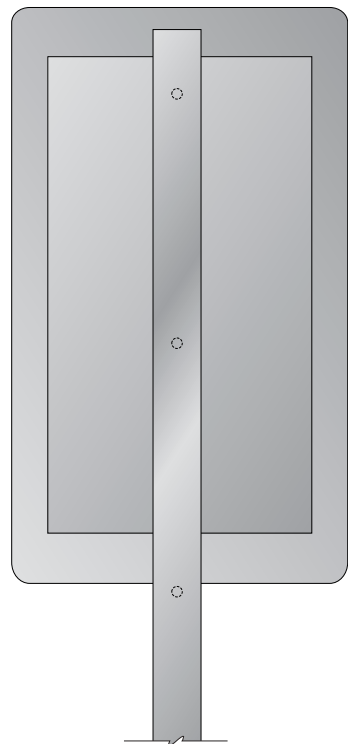
Font
Helvetica Neue 75 Bold



1 FRONT ELEVATION



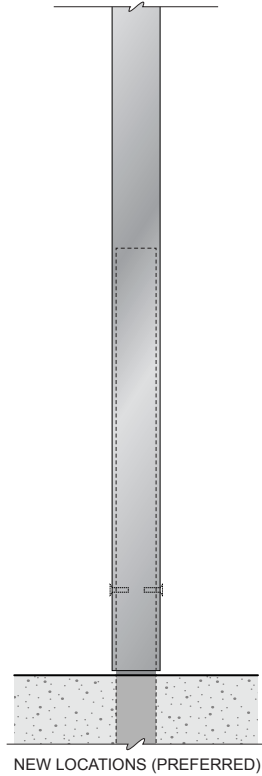
3 FRONT ELEVATION - VAN ACCESSIBLE



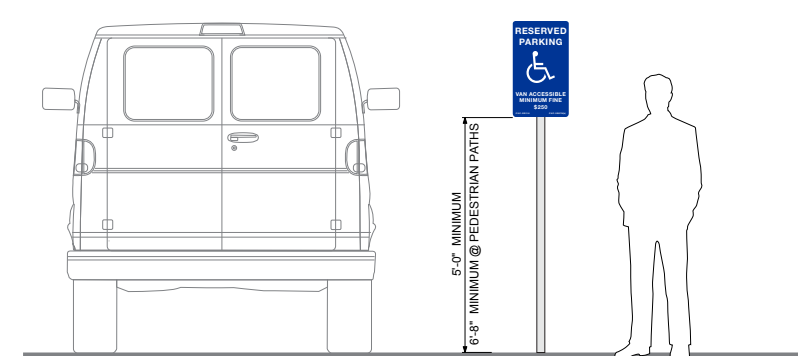
2 BACK VIEW



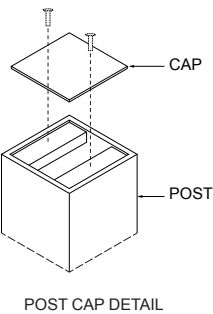
4 SIDE VIEW



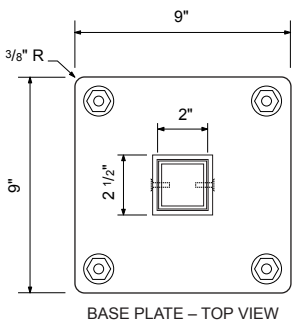
5 POLE ATTACHMENT DETAIL



6 CONTEXT VIEW



POST CAP DETAIL



BASE PLATE - TOP VIEW

A513-V

ELECTRIC VEHICLE PARKING IDENTITY

IDENTITY SIGNAGE – EXTERIOR/INTERIOR

Function
Electric vehicle parking identification.

Location
At parking location.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

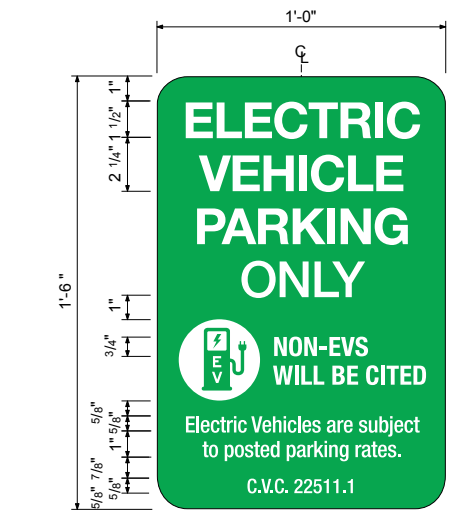
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

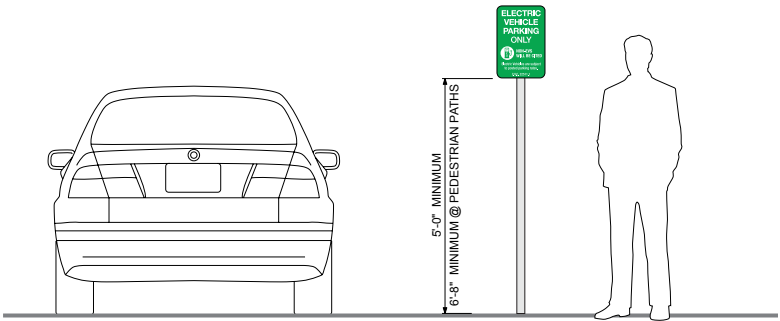
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

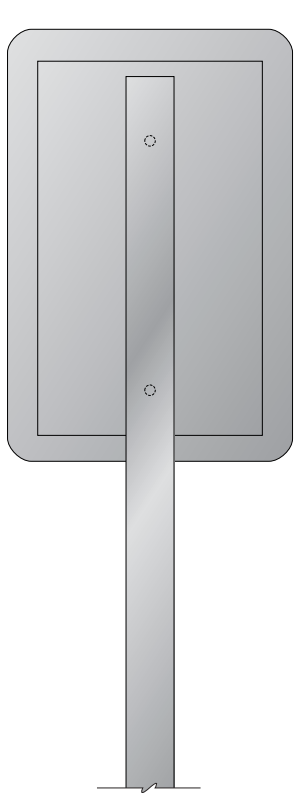
Fonts
Helvetica Neue 75 Bold
Helvetica Neue 65 Medium
Helvetica Neue 67 Medium Condensed



1 FACE VIEW



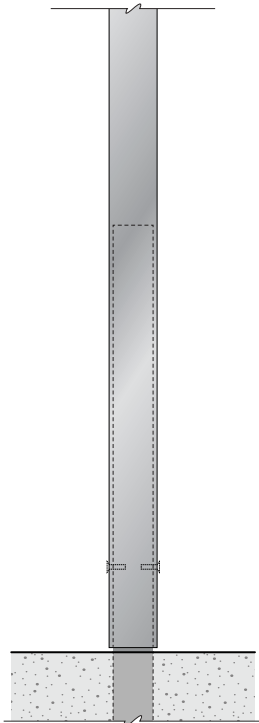
5 CONTEXT VIEW



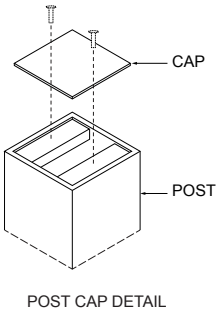
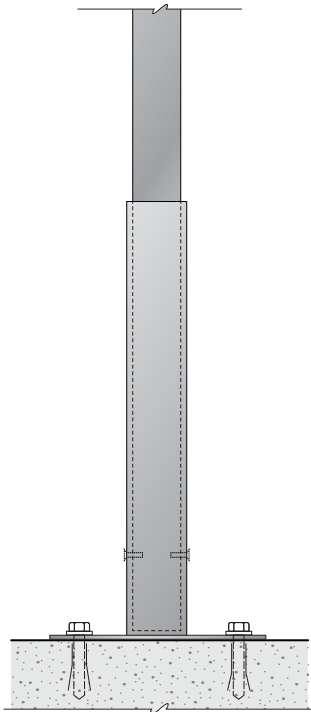
2 BACK VIEW



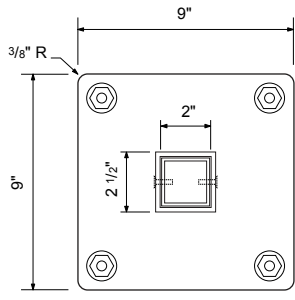
3 SIDE VIEW



4 POLE ATTACHMENT DETAIL



POST CAP DETAIL



A514-V

ACCESSIBLE ELECTRIC VEHICLE PARKING IDENTITY

IDENTITY SIGNAGE –
EXTERIOR/INTERIOR

Function
Accessible electric vehicle parking identification sign.

Location
At parking location.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

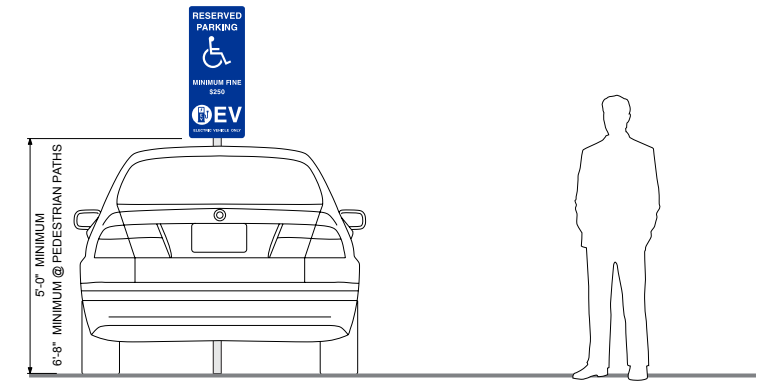
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

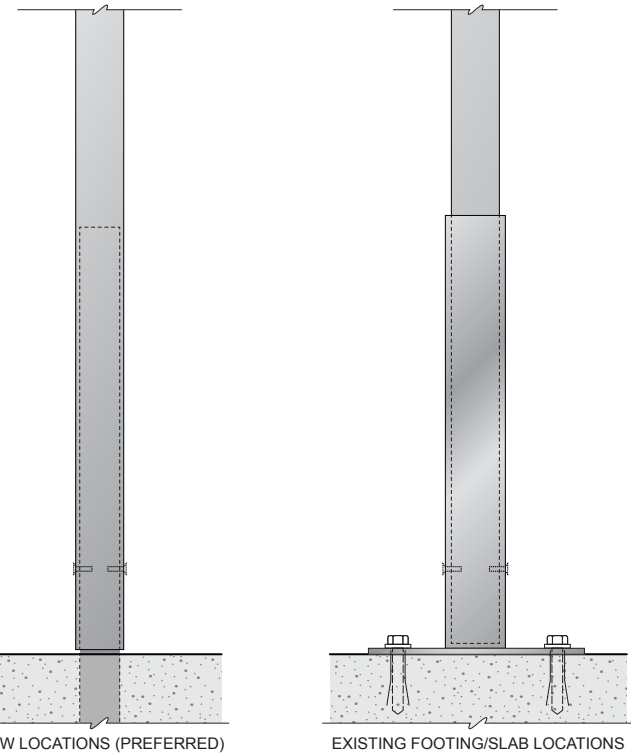
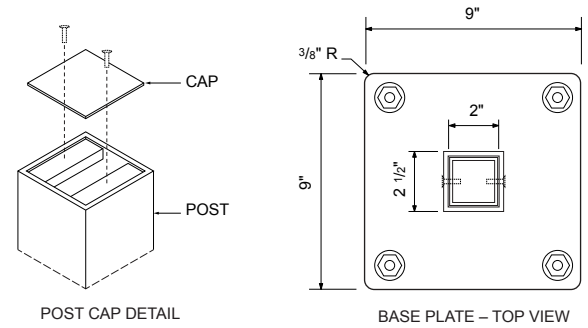
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

Font
Helvetica Neue 75 Bold



5 CONTEXT VIEW



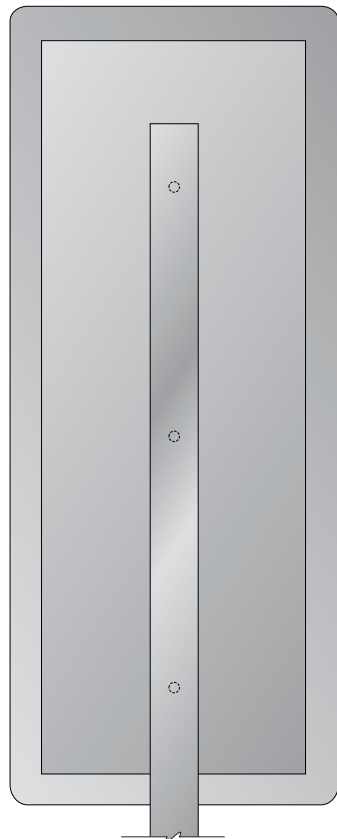
6 POLE ATTACHMENT DETAIL



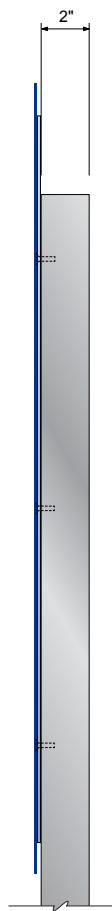
1 FACE VIEW



2 FACE VIEW – VAN ACCESSIBLE



3 BACK VIEW



4 SIDE VIEW

A515-V

CLEAN AIR VEHICLE PARKING IDENTITY

IDENTITY SIGNAGE – EXTERIOR/INTERIOR

Function
Services identification sign.

Location
At parking location.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

Configuration
1 face.

Message
Direct-to-surface printing on first surface.

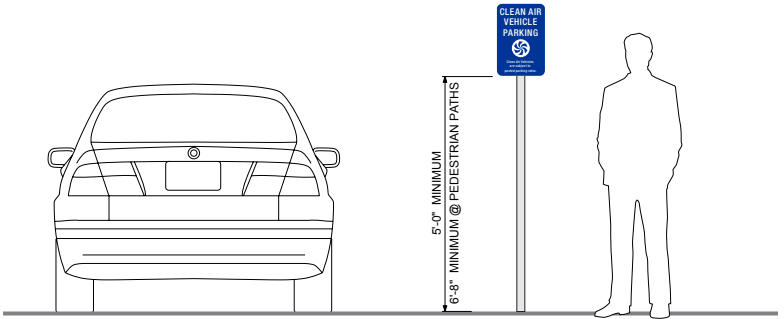
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

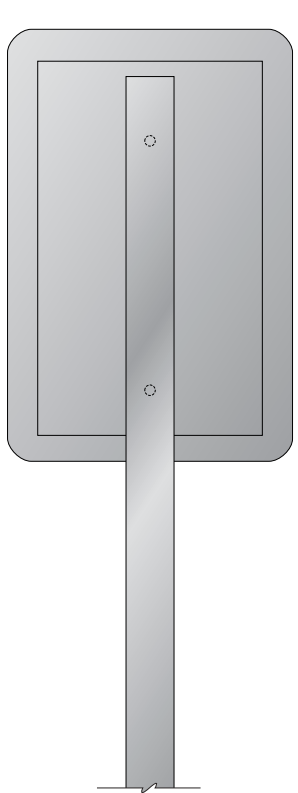
Font
Helvetica Neue 67 Medium Condensed



1 FACE VIEW



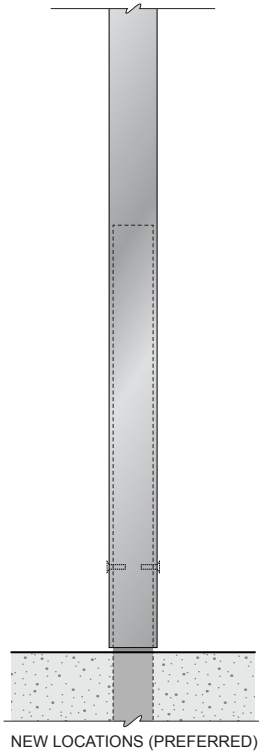
5 CONTEXT VIEW



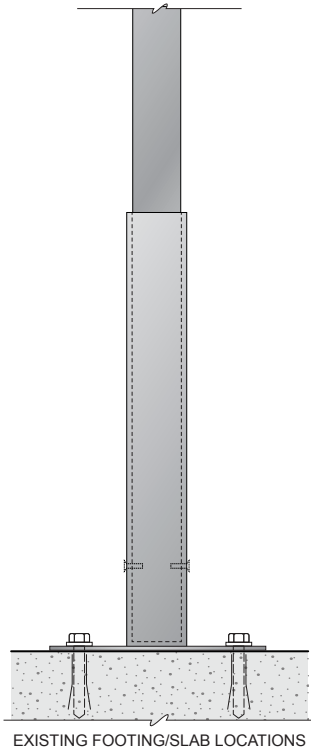
2 BACK VIEW



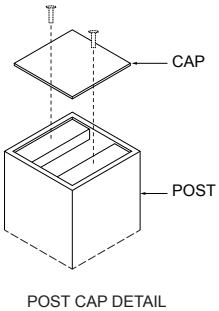
3 SIDE VIEW



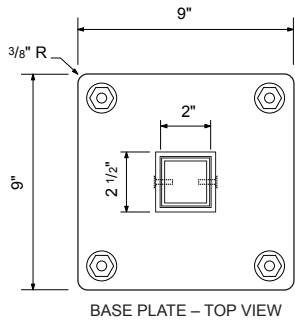
NEW LOCATIONS (PREFERRED)



EXISTING FOOTING/SLAB LOCATIONS



POST CAP DETAIL



BASE PLATE - TOP VIEW

A516-V

LOW EMISSION VEHICLE PARKING IDENTITY

IDENTITY SIGNAGE – EXTERIOR/INTERIOR

Function
Low emission vehicle
parking identification.

Location
At parking location.

Material & Construction
Message panel and backer panel of .080
gauge aluminum; painted both sides.
Anti-graffiti satin clear coat on all painted
surfaces. Sleeved sign post and stub/
base of square non-perforated galvanized
steel tube; painted LAWA Silver.

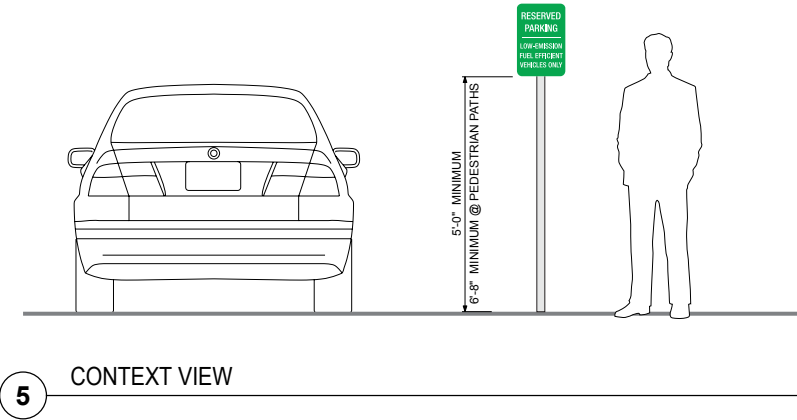
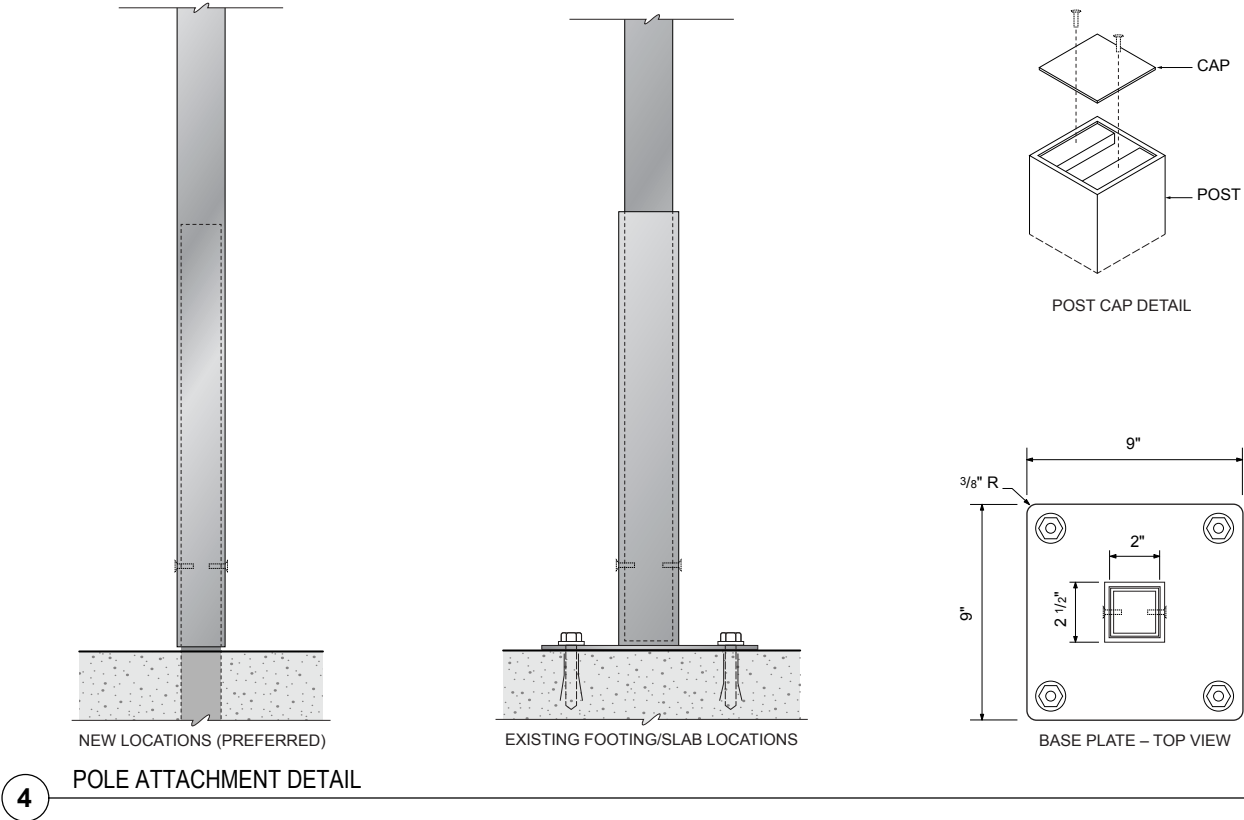
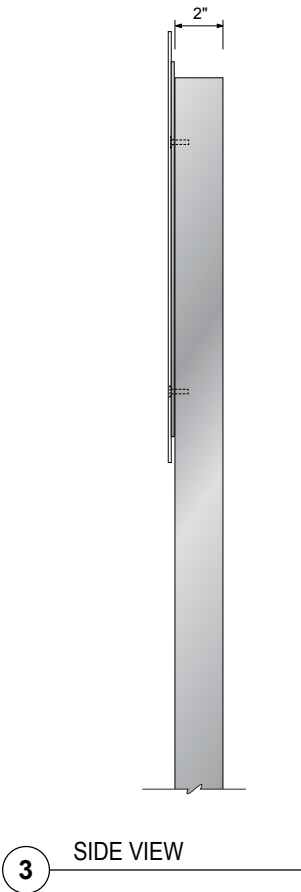
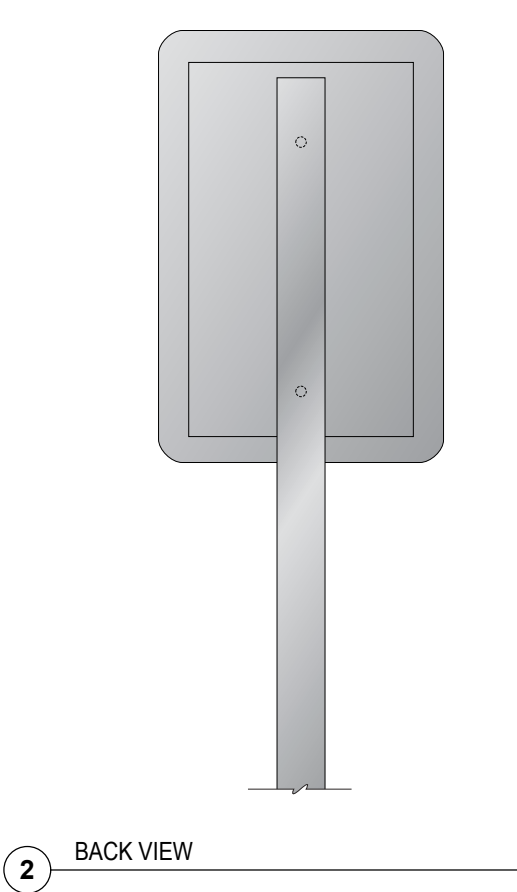
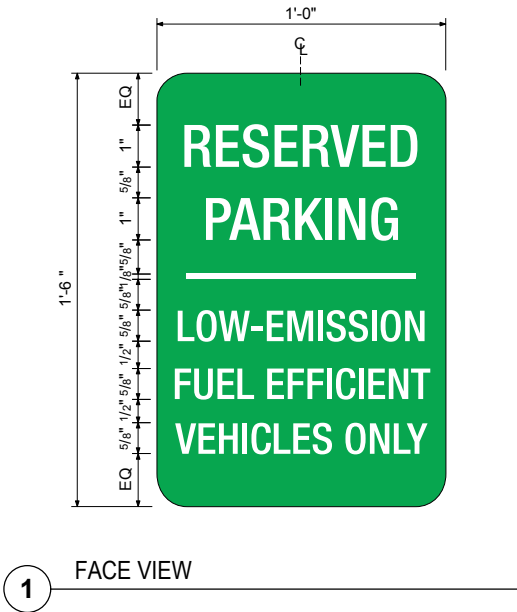
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no
visible fasteners through message
face. Non-perforated post mounts
to ground per site condition.

Fonts
Helvetica Neue 67 Medium Condensed



A520-V

CUSTOMS COUNTER IDENTITY

IDENTITY SIGNAGE – INTERIOR

Function

CBP checkpoint identification sign.

Location

At booth.

Material & Construction

Sign panel of 1/8" thick
transparent acrylic; back painted;
flame polished return edges.

Configuration

1 face.

Message

Direct-to-surface printing or cut vinyl on second surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

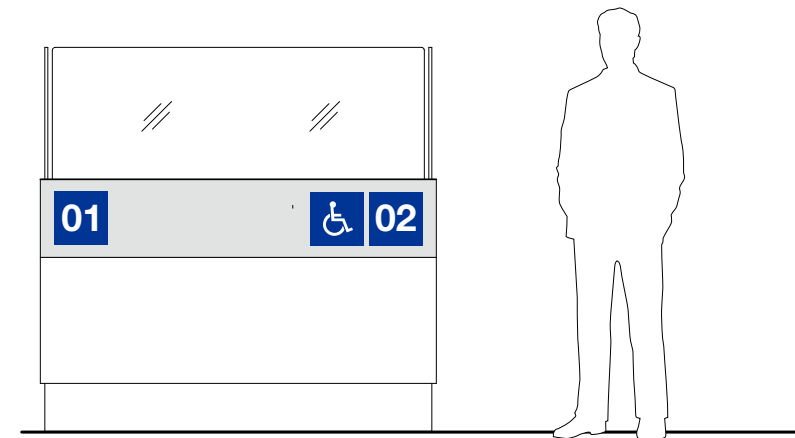
Non-illuminated.

Mounting

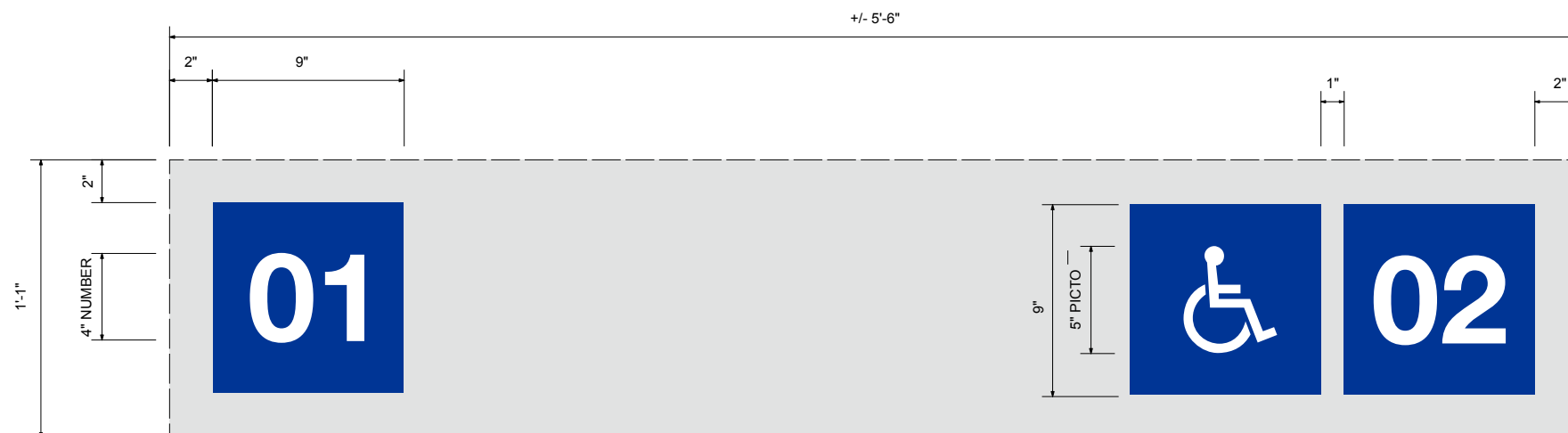
Blind mount to structure.

Font

Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW

3 SIDE VIEW

A521-SDL

CUSTOMS OVERHEAD CHECKPOINT IDENTITY

IDENTITY SIGNAGE – INTERIOR

Function
CBP identification sign.

Location
At security checkpoint.

Material & Construction
Sign cabinet and shroud of quality stainless steel; #4 horizontal brush finish. Painted message area. Anti-graffiti satin clear coat on all painted surfaces. Integrated internal dynamic displays; 40" color LCD per LAWA specifications.

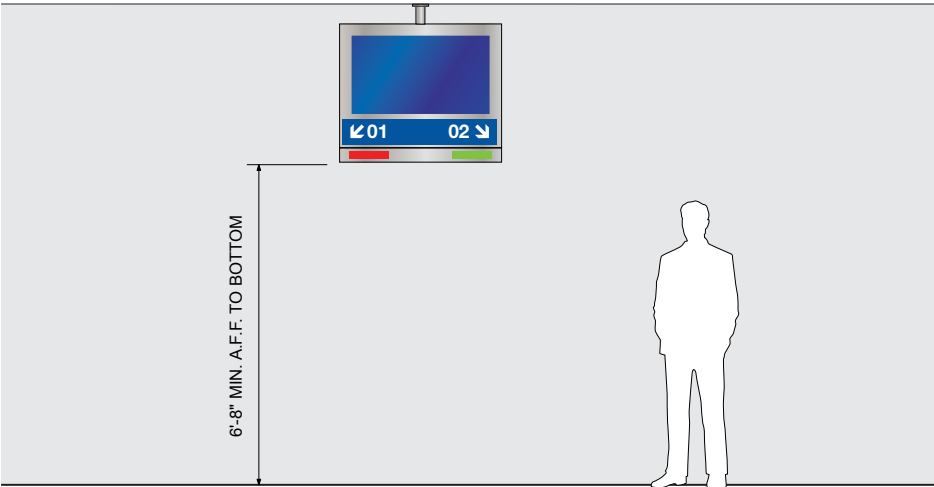
Configuration
1 face.

Message
Static dimensional numerals and arrows of 1/4" thick push-thru translucent white acrylic; illuminated. Red/Green traffic lights of translucent acrylic; illuminated by operator. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

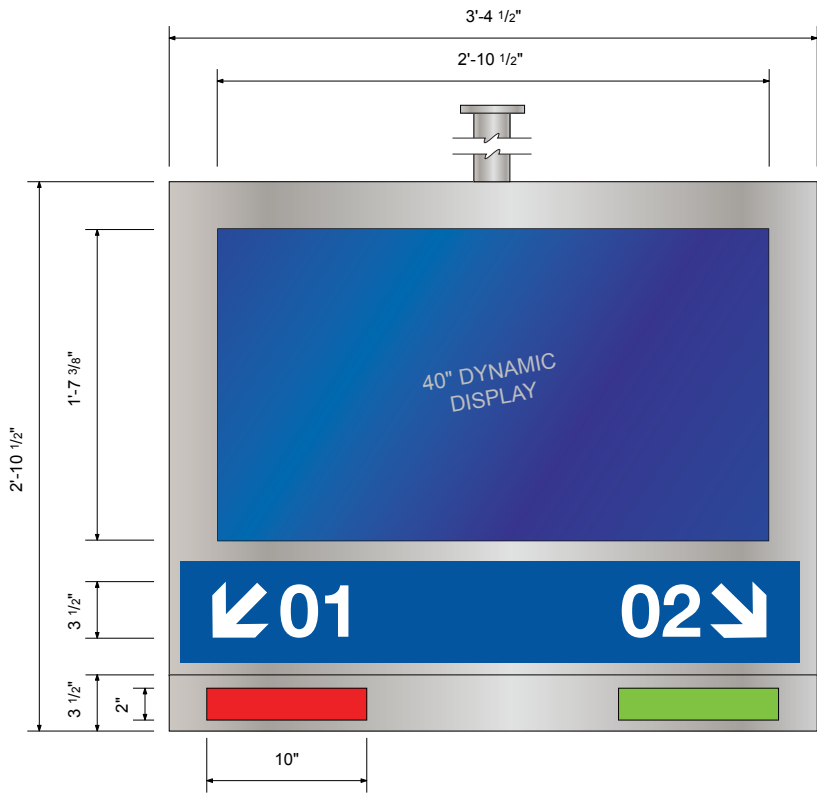
Illumination
Internal LED illumination through face.

Mounting
To ceiling structure.

Font
Helvetica Neue 75 Bold



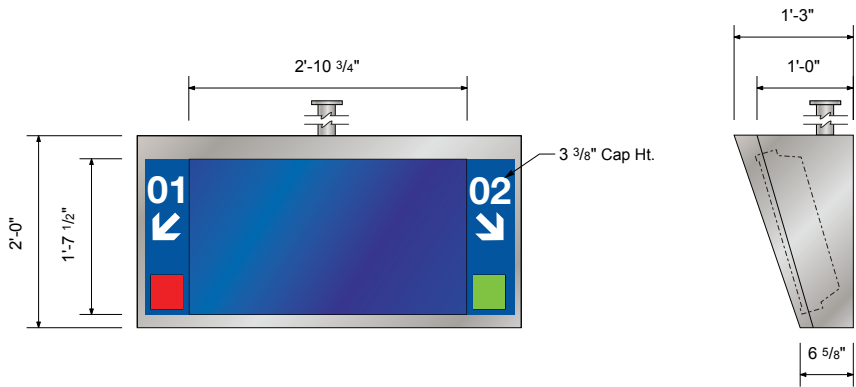
3 CONTEXT ELEVATION



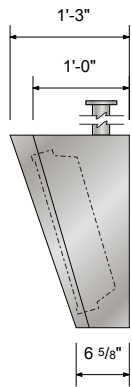
1 FACE VIEW



2 SIDE VIEW



4 FACE VIEW ALTERNATE



5 SIDE VIEW ALTERNATE

A522-V

ELEVATOR CORE IDENTITY PLAQUE

IDENTITY SIGNAGE – INTERIOR

Function
Elevator identification sign.

Location
At elevator door.

Material & Construction
1/16" thick stainless steel;
#4 horizontal brush finish.

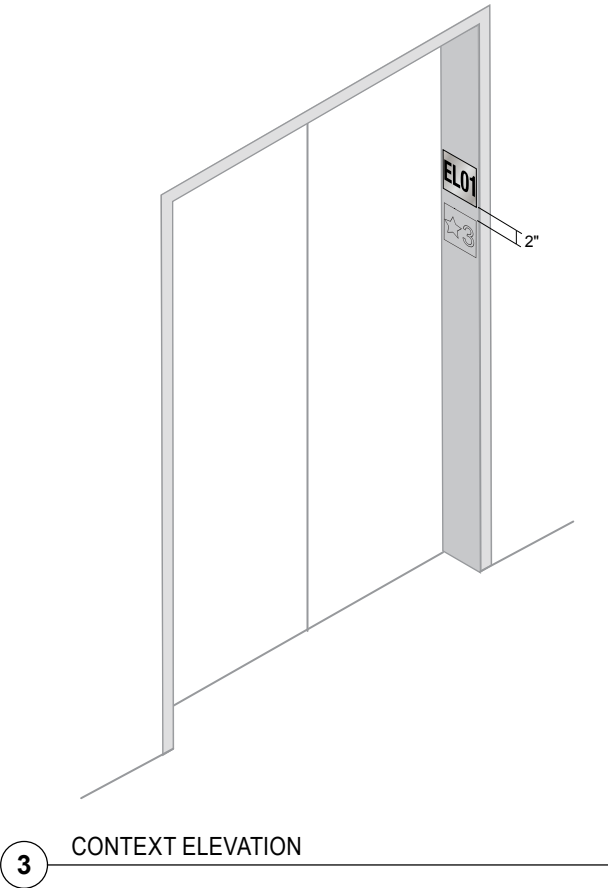
Configuration
1 face.

Message
Direct-to-surface printing on first surface.
Message shown is representational
only; actual verbiage will vary and
must be approved by the LAWA
Signage & Graphics Manager.

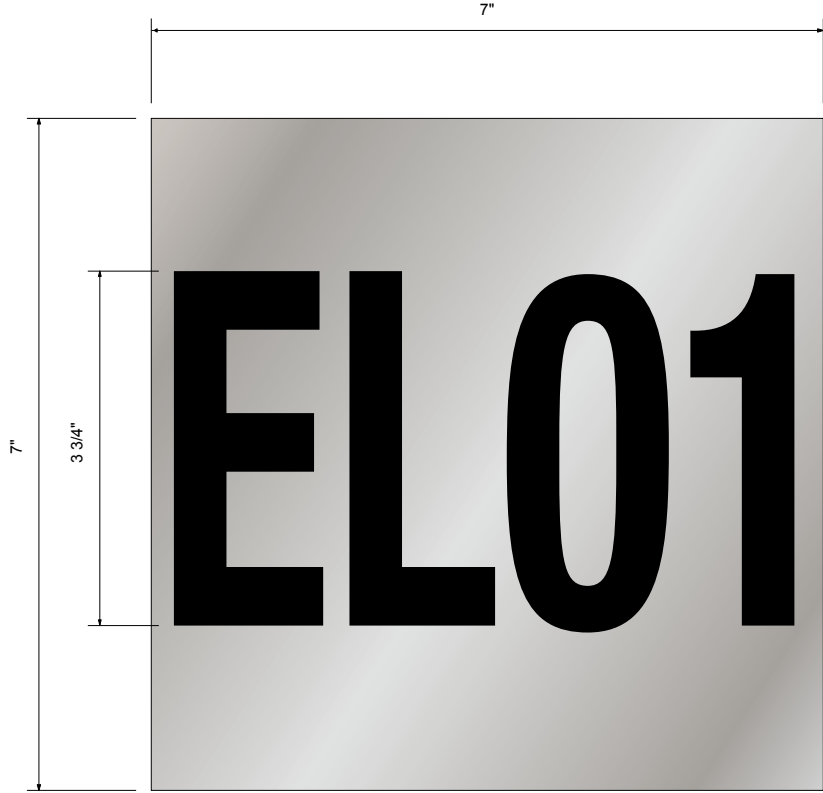
Illumination
Non-illuminated.

Mounting
Adhere flush to elevator door jamb.

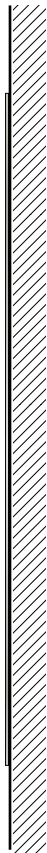
Font
Helvetica Neue 67 Medium Condensed



3 CONTEXT ELEVATION



1 FACE VIEW



2 SIDE VIEW

A523-V

GENERAL SERVICES IDENTITY PLAQUE

IDENTITY SIGNAGE – INTERIOR

Function
Service identification sign.

Location
At service area.

Material & Construction
Sign panel and backer panel of 1/8" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

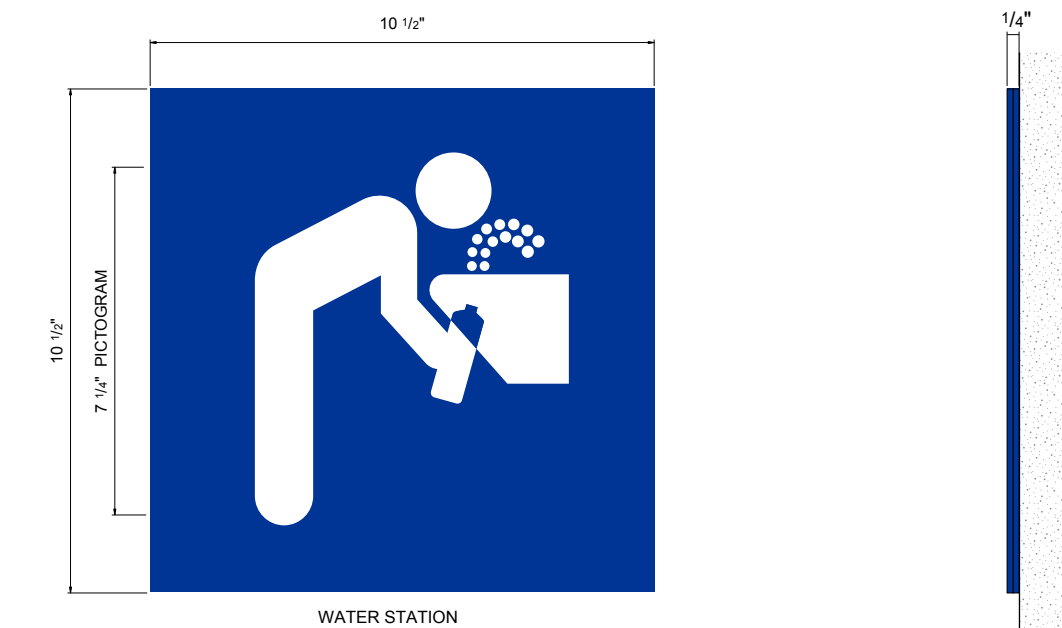
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

Illumination
Non-illuminated.

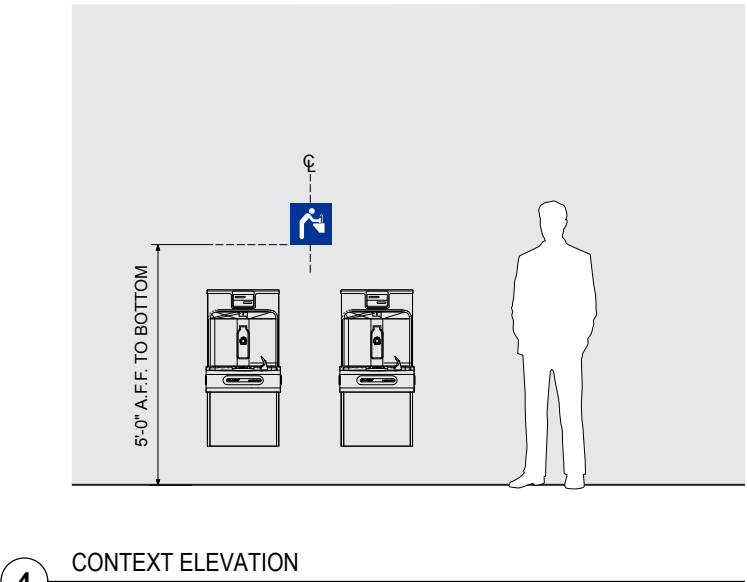
Mounting
Blind mount flush to wall.

Font
Helvetica Neue 75 Bold
Helvetica Neue 65 Medium



1 FACE VIEW

3 SIDE VIEW



4 CONTEXT ELEVATION



ALL GENDER
RESTROOM



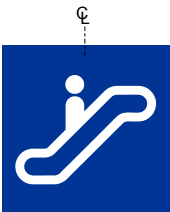
ATM



ELEVATOR



EMERGENCY
TELEPHONE



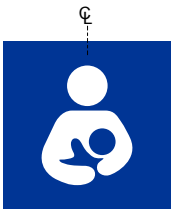
ESCALATOR



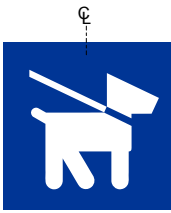
ASSISTIVE LISTENING



INFORMATION



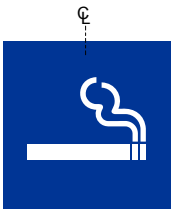
NURSING ROOM



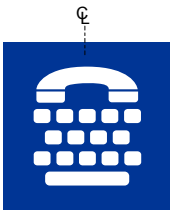
PET RELIEF
(INTERIOR)



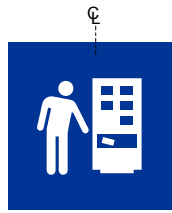
PUBLIC PHONE
COURTESY PHONE



SMOKING



TTY



VENDING MACHINE



VOLUME CONTROL
TELEPHONE

2 ADDITIONAL LAYOUTS

A524-P

GENERAL SERVICES IDENTITY BLADE

IDENTITY SIGNAGE – INTERIOR

Function
Services identification sign.

Location
Above service location.

Material & Construction
Sign cabinet frame and bracket of quality 1/8" thick stainless steel; #4 horizontal brush finish, Message panel face of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

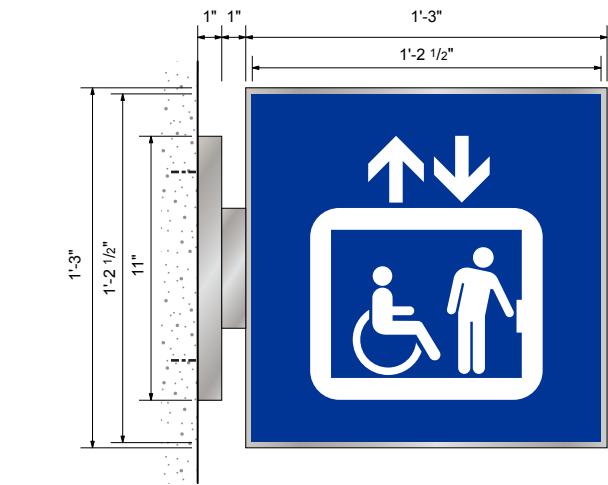
Configuration
2 faces.

Message
Cut vinyl adhered to first surface.

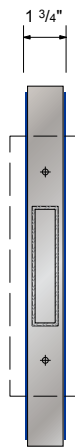
Illumination
Non-illuminated.

Mounting
Mount perpendicular to wall.

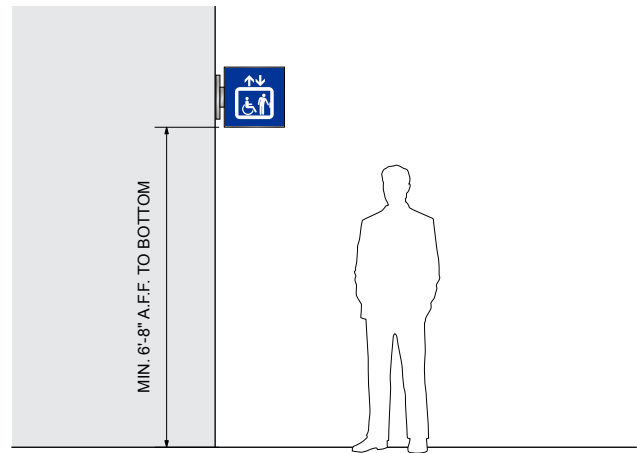
Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



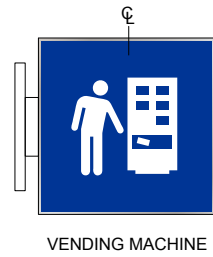
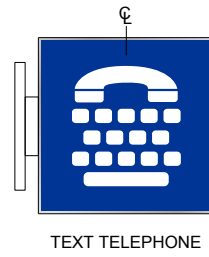
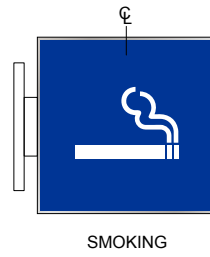
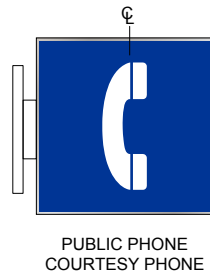
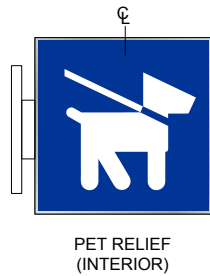
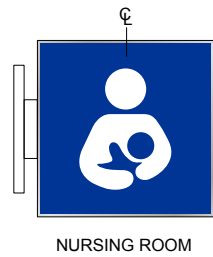
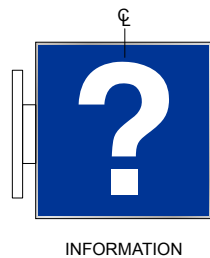
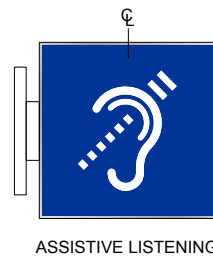
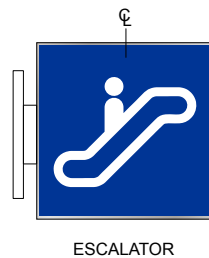
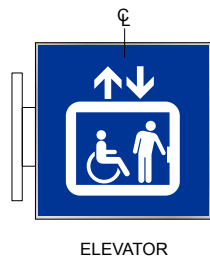
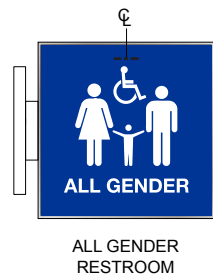
1 FACE VIEW



3 SIDE VIEW



4 CONTEXT ELEVATION



2 ADDITIONAL LAYOUTS

DIRECTION SIGNAGE

Refer to Section 4, Graphic Standards for typography, colors, and message guidelines.

Refer to the General Performance Specifications in Section 8, Reference Information for particular LAWA approved materials.



B100-G

ROADWAY DIRECTION GANTRY – LONG

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

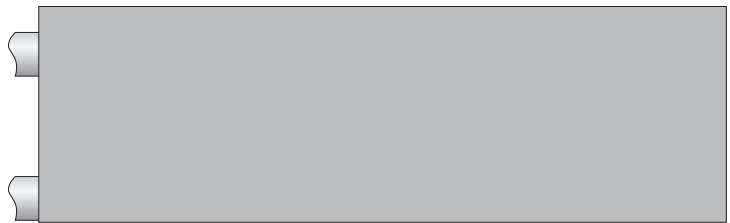
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

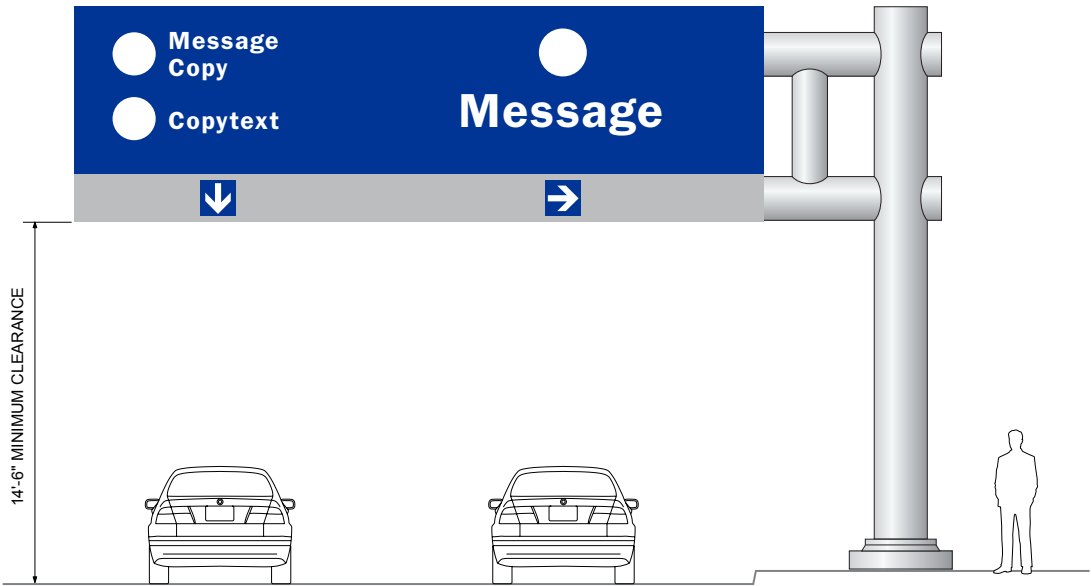
Illumination
Non-illuminated.

Mounting
Sign cabinet attaches to transom with mechanical anchors. Pole attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font
Franklin Gothic Demi



2 REAR VIEW



3 CONTEXT ELEVATION



1 FACE VIEW

B101-G

ROADWAY DIRECTION GANTRY – SINGLE

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

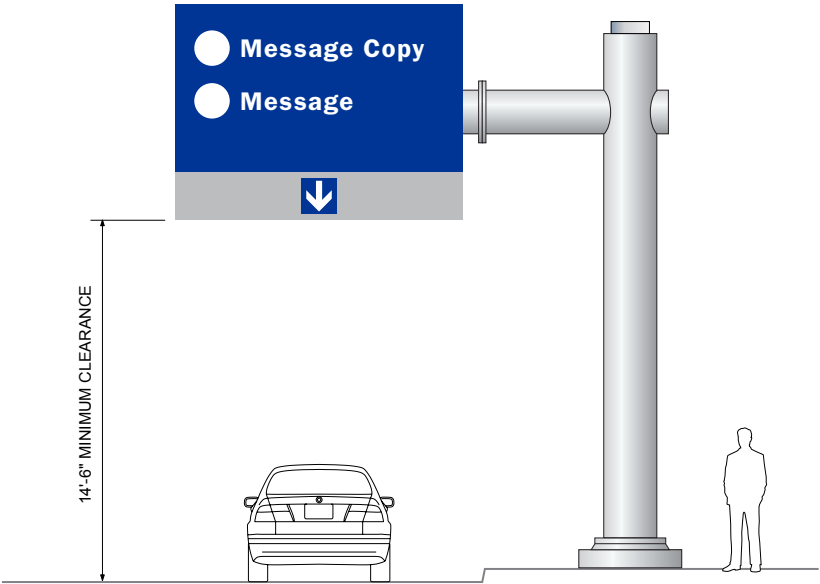
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

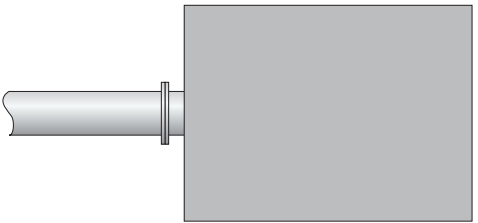
Illumination
Non-illuminated.

Mounting
Sign cabinet attaches to transom with mechanical anchors. Pole attaches to engineered foundation with integrated mechanical anchors appropriate per location.

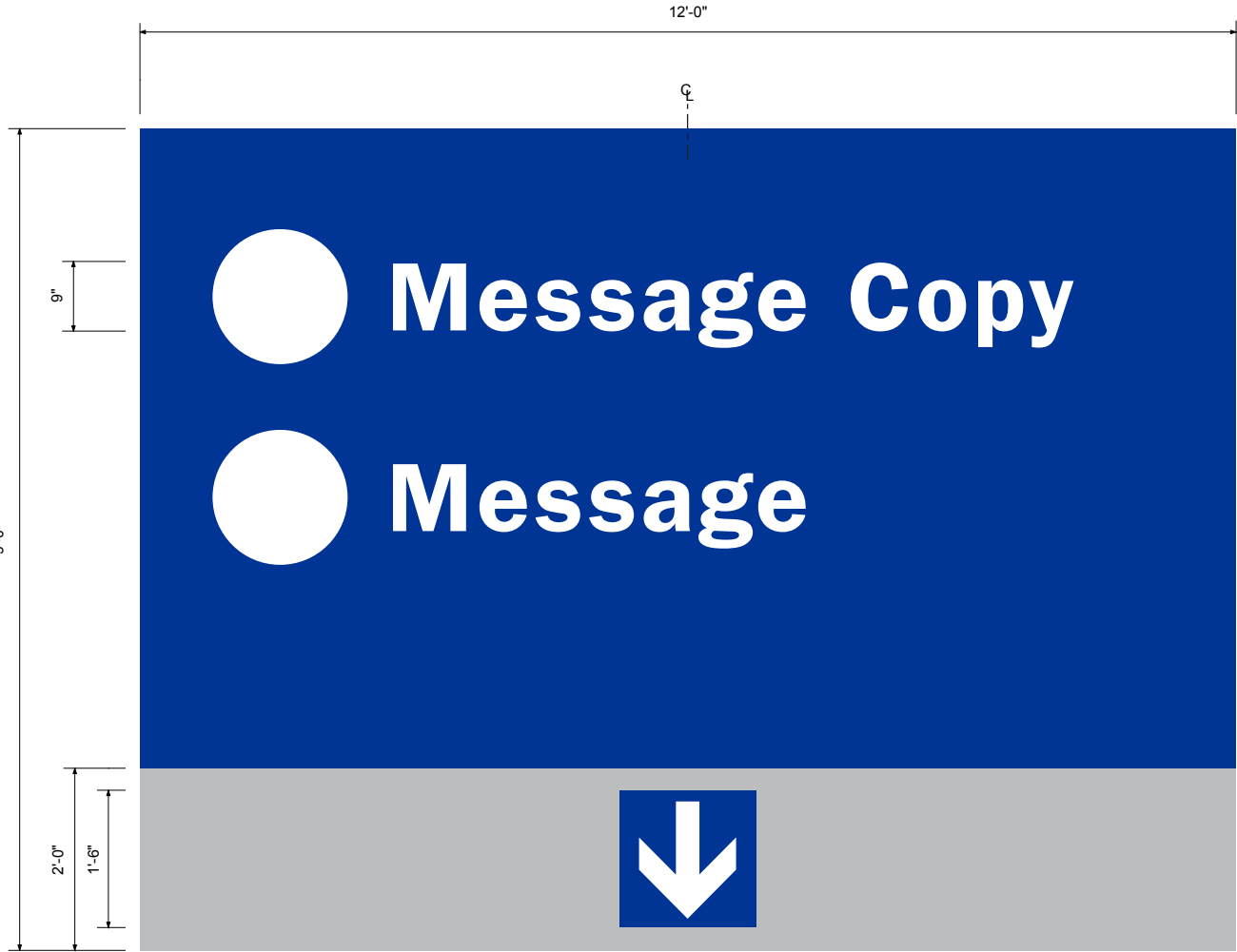
Font
Franklin Gothic Demi



2 CONTEXT ELEVATION



3 REAR VIEW



1 FACE VIEW

B102-P

ROADWAY DIRECTION BLADE – LARGE

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

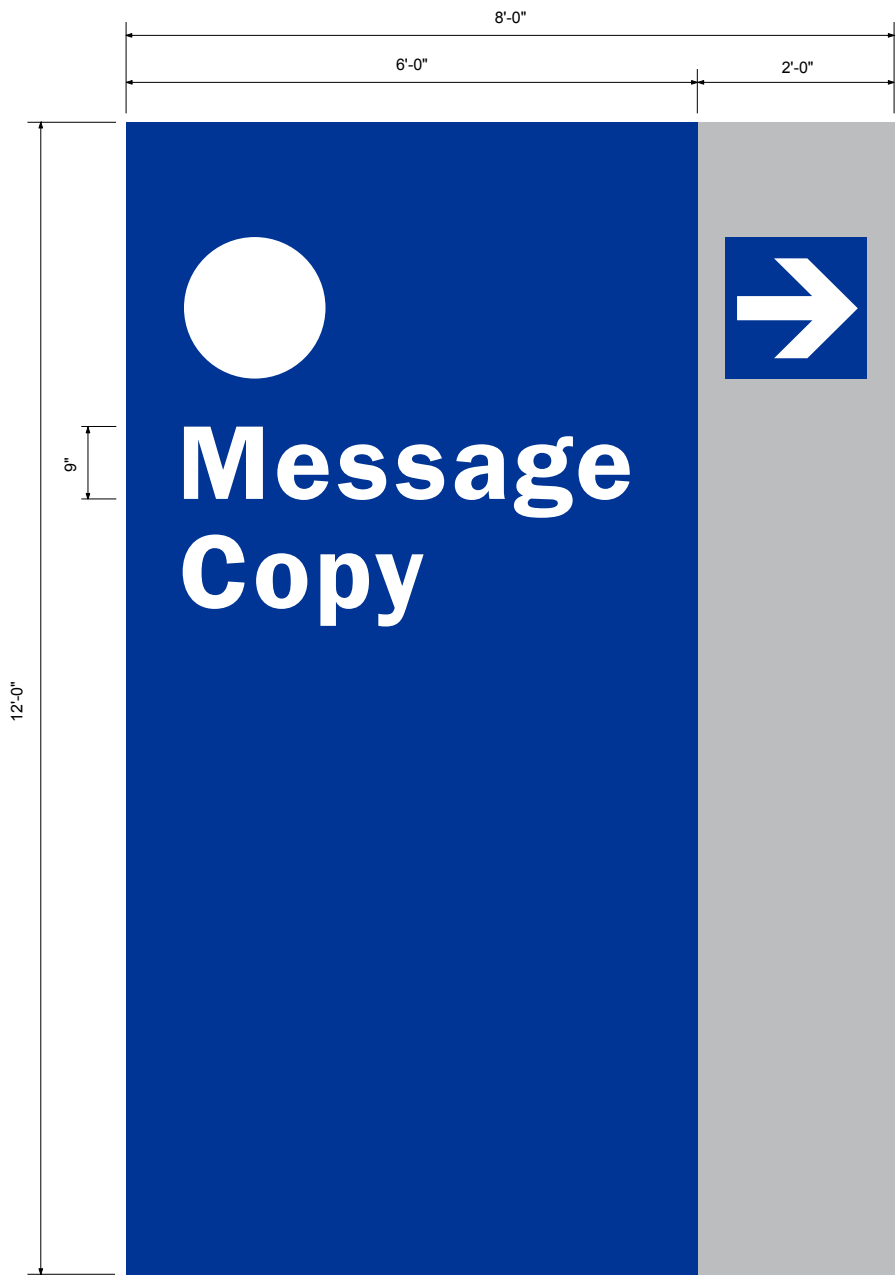
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

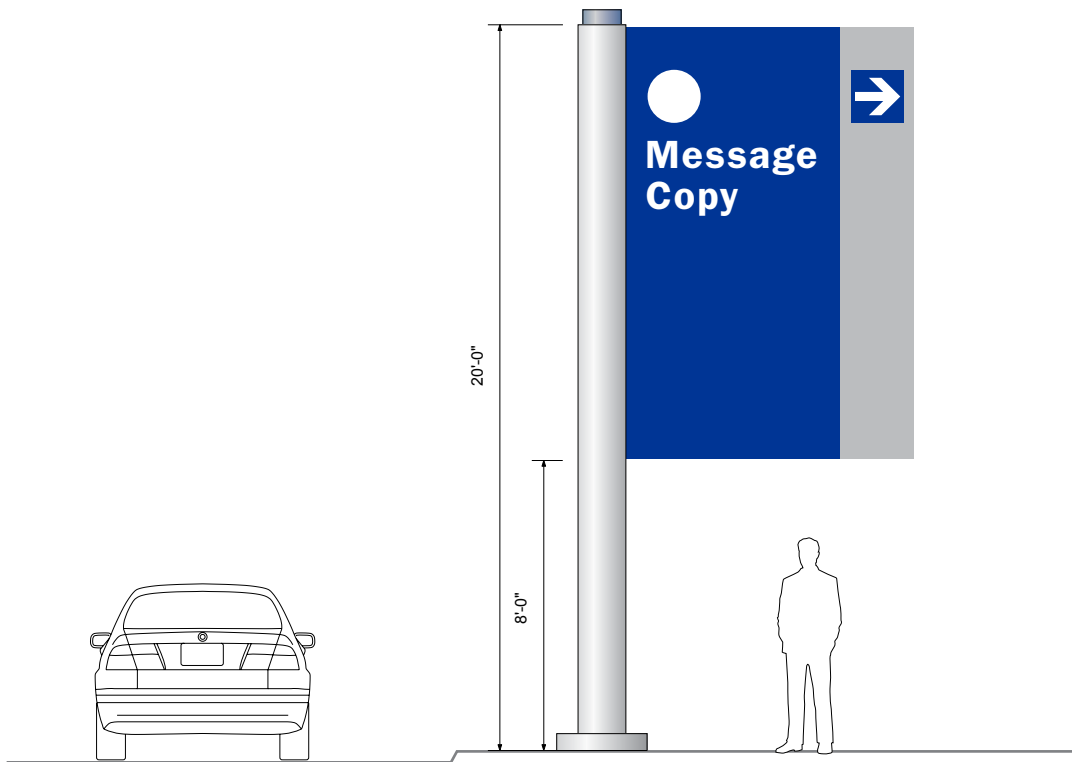
Illumination
Non-illuminated.

Mounting
Sign cabinet attaches to pole with mechanical anchors. Pole attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font
Franklin Gothic Demi



1 FACE VIEW



2 CONTEXT ELEVATION



3 REAR VIEW

B103-P

ROADWAY DIRECTION BLADE – BARRIER

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

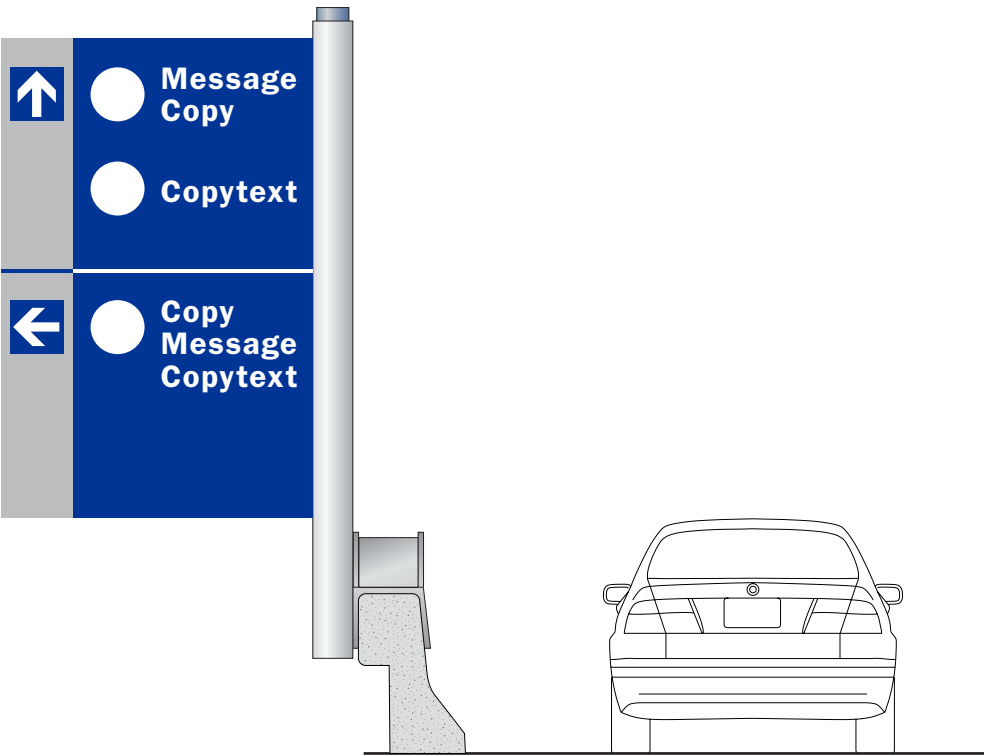
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

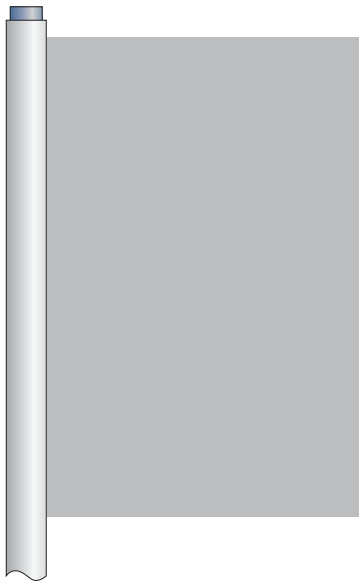
Illumination
Non-illuminated.

Mounting
Sign cabinet attaches to pole with mechanical anchors. Pole attaches to engineered structure with integrated mechanical anchors appropriate per location.

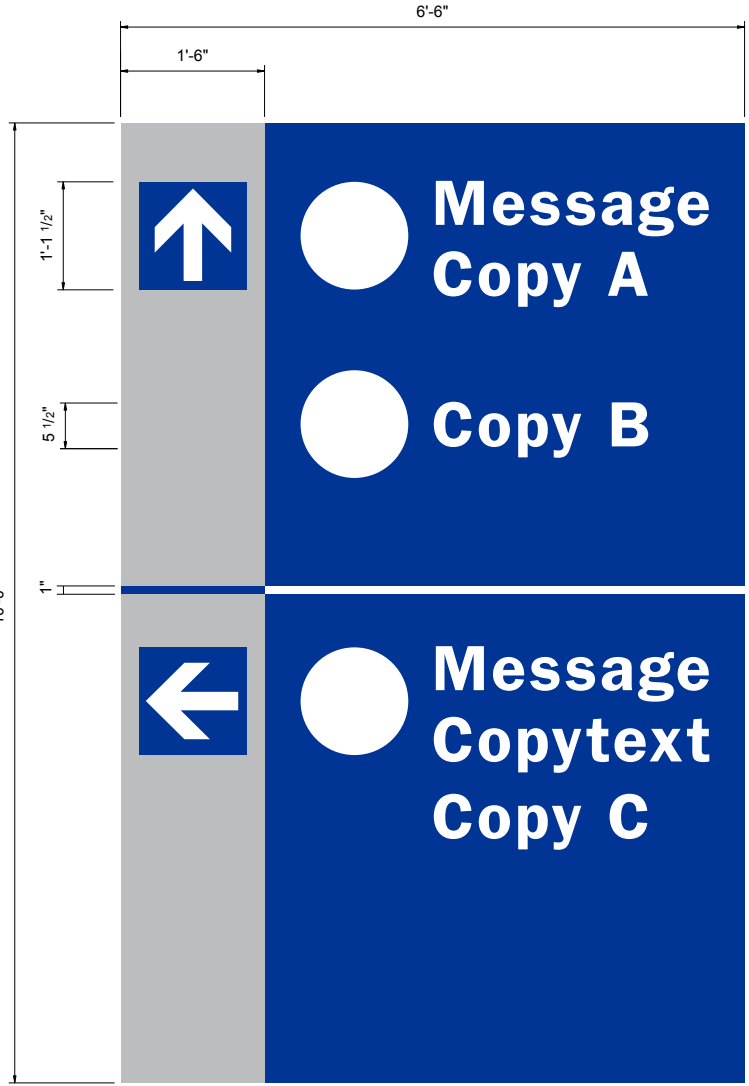
Fonts
Franklin Gothic Demi



2 CONTEXT ELEVATION



3 REAR VIEW



1 FACE VIEW

B104-G

ROADWAY DIRECTION BLADE – MEDIUM

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

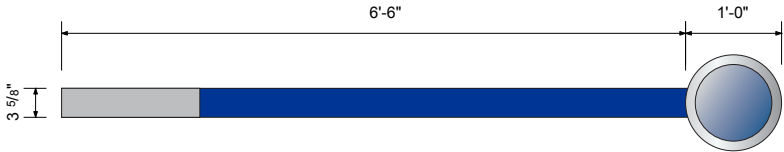
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

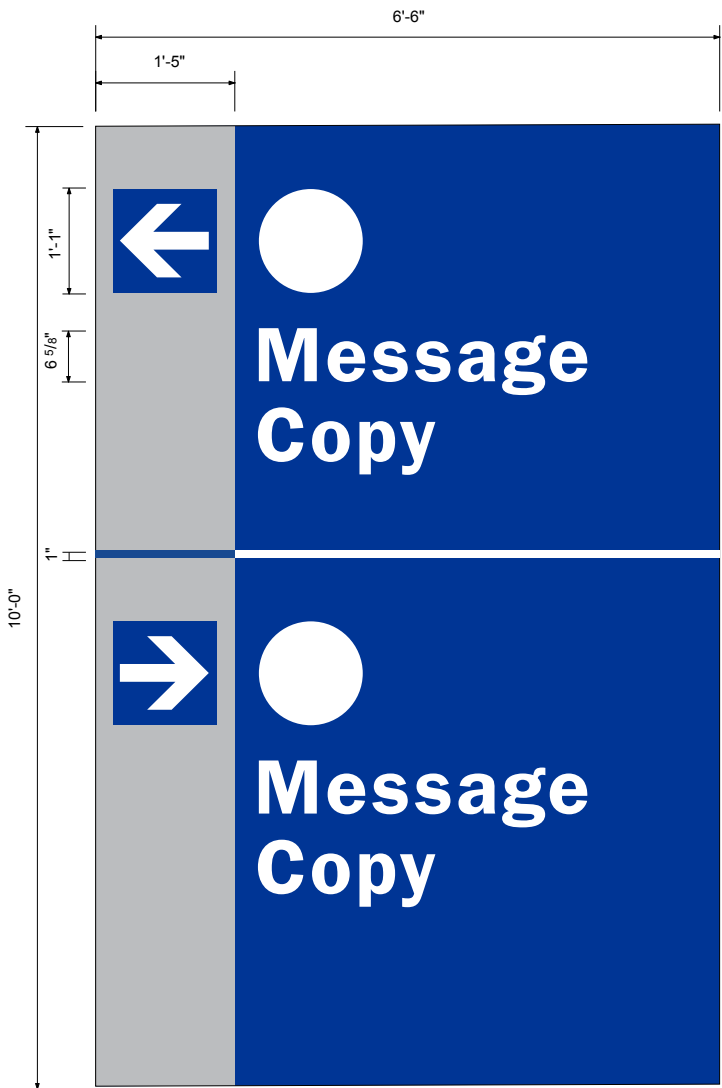
Illumination
Non-illuminated.

Mounting
Sign cabinet attaches to pole with mechanical anchors. Pole attaches to engineered foundation with integrated mechanical anchors appropriate per location.

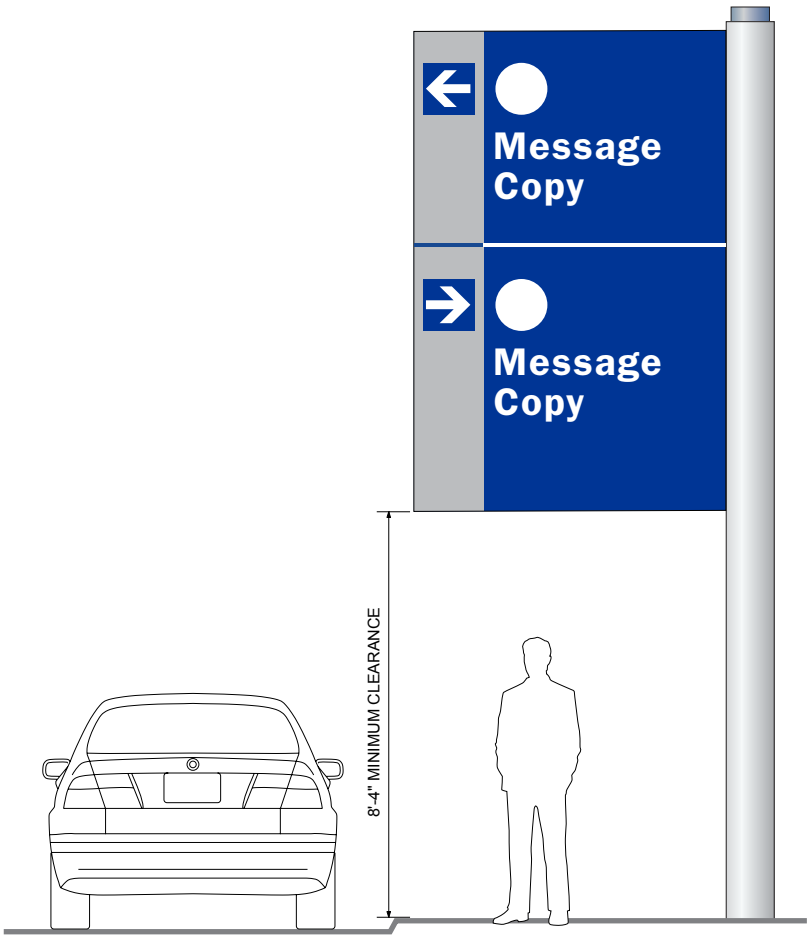
Font
Franklin Gothic Demi



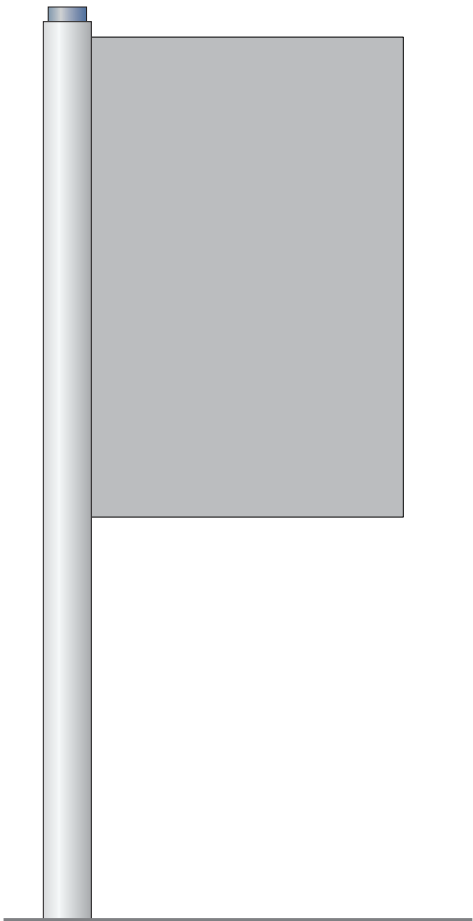
2 TOP VIEW



1 FACE VIEW



3 CONTEXT ELEVATION



4 REAR VIEW

B105-P

ROADWAY DIRECTION BLADE – BRIDGE

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

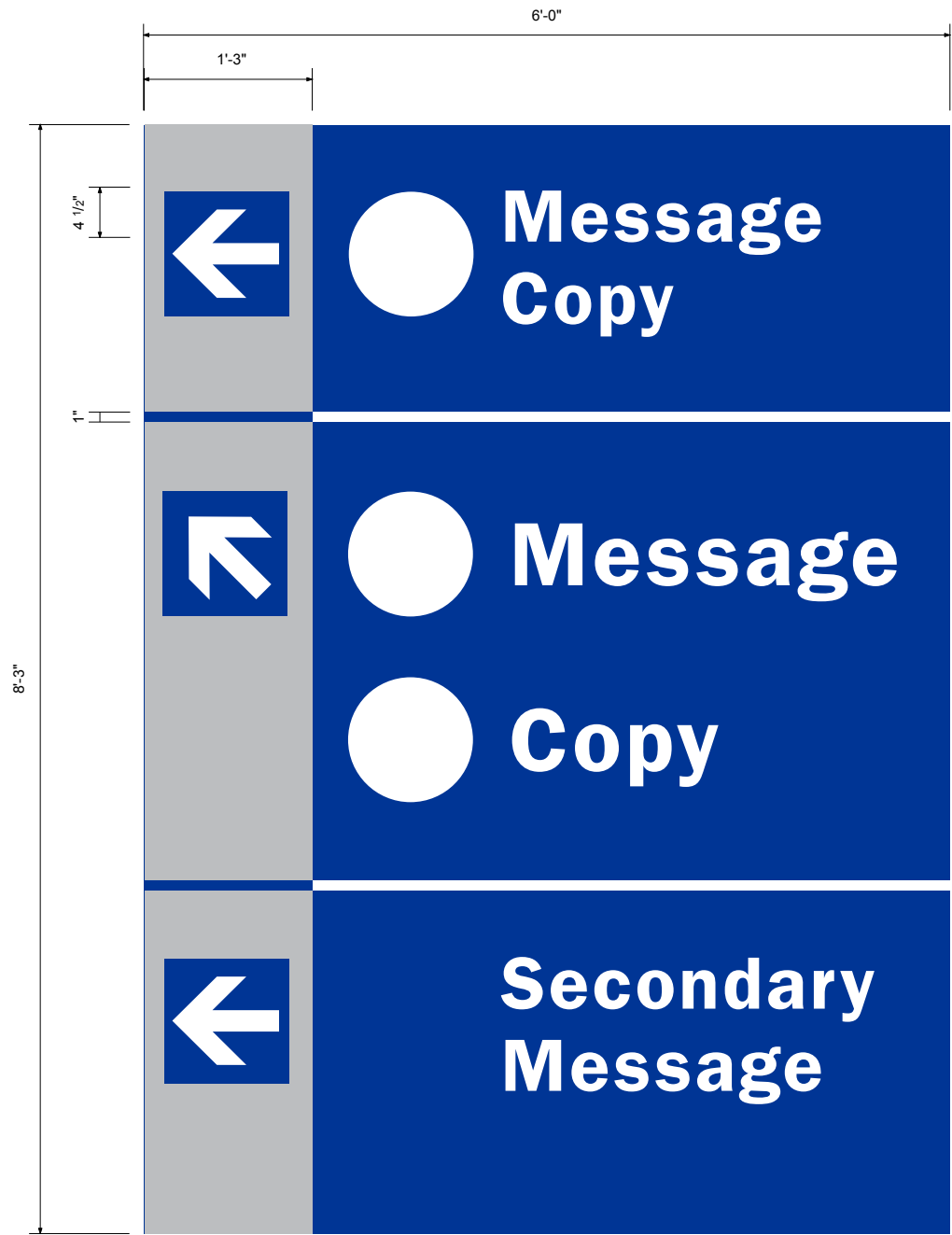
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

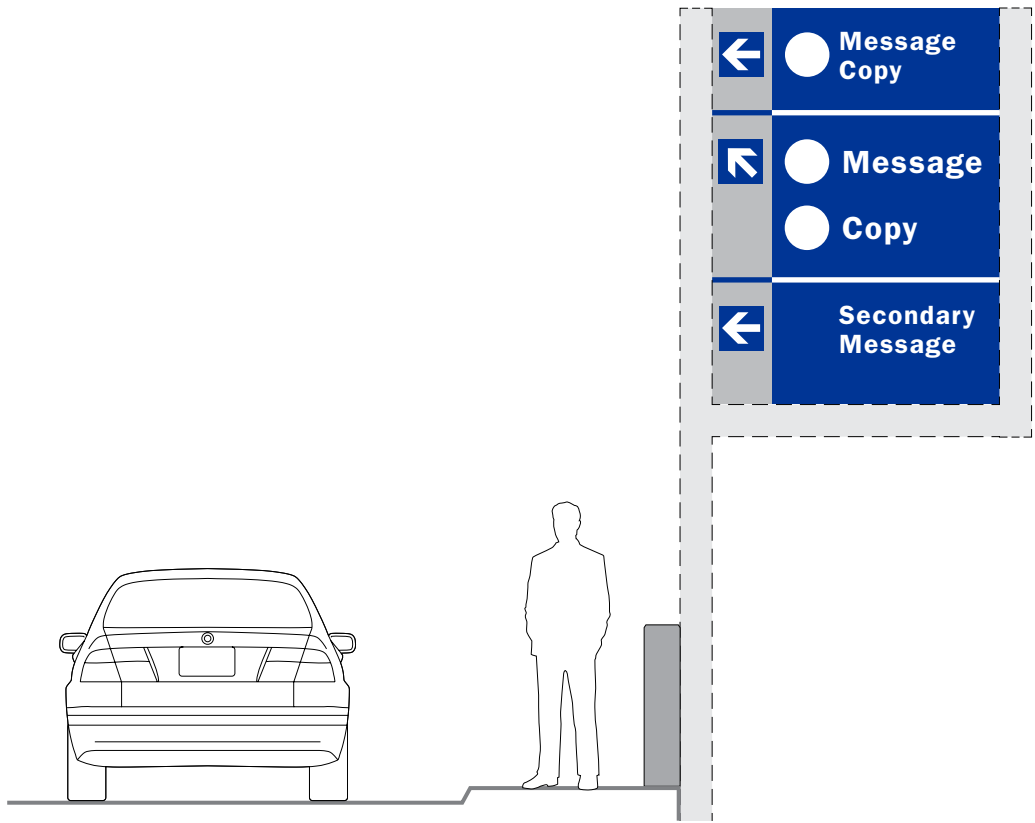
Illumination
Non-illuminated.

Mounting
Sign cabinet attaches to pole with mechanical anchors. Pole attaches to engineered structure with integrated mechanical anchors appropriate per location.

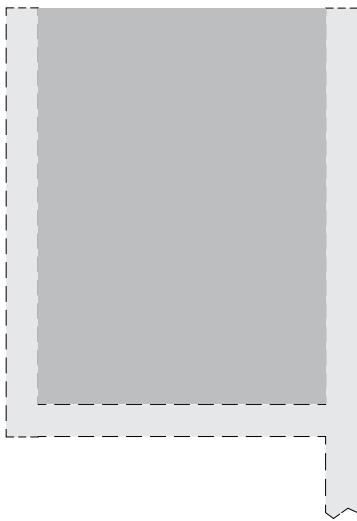
Font
Franklin Gothic Demi



1 FACE VIEW



2 CONTEXT ELEVATION



3 REAR VIEW

B106-G

VEHICLE DIRECTION PANEL – LARGE

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Sign structure of 2" square galvanized steel per LADOT standards; painted Sign Gray.

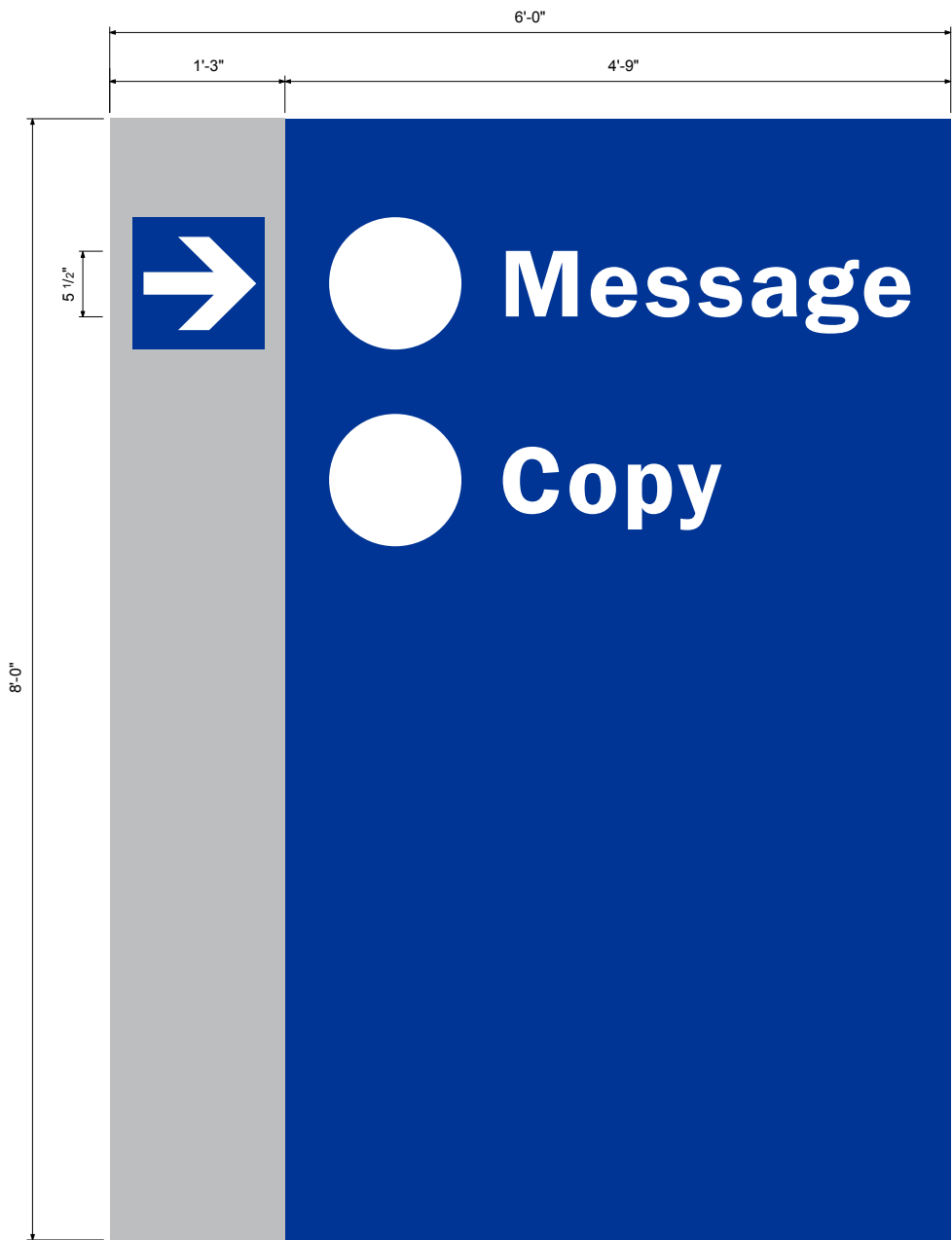
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

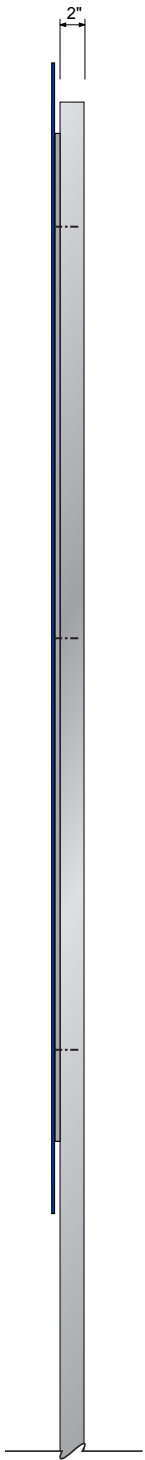
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to structure; no visible fasteners through message face. Non-perforated posts attach to engineered foundation with integrated mechanical anchors appropriate per location.

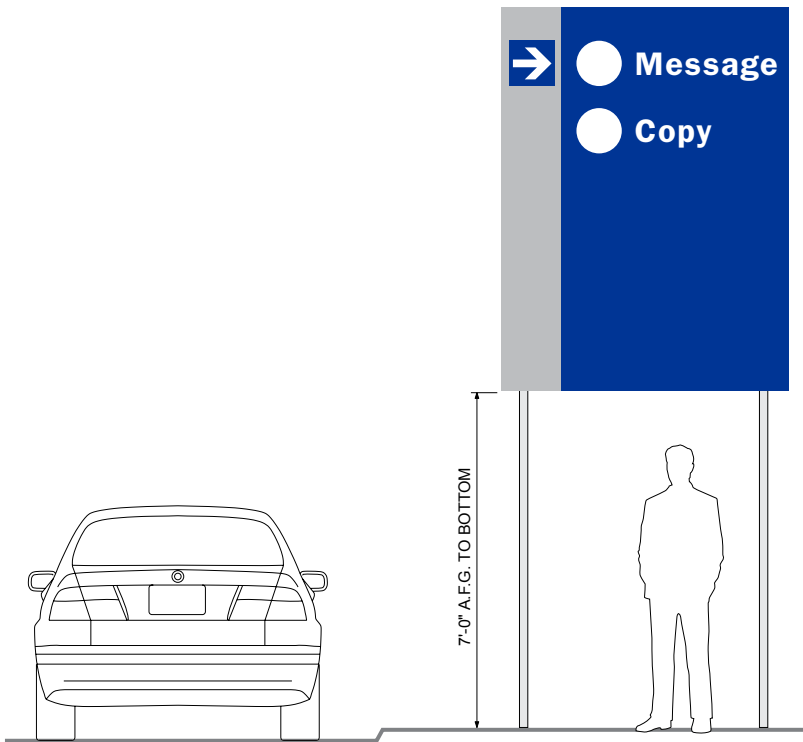
Font
Franklin Gothic Demi



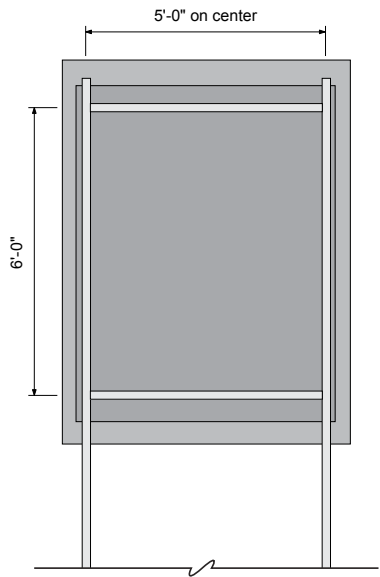
1 FACE VIEW



2 SIDE VIEW



3 CONTEXT ELEVATION



4 BACK VIEW

B107-G

VEHICLE DIRECTION PANEL – MEDIUM

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Sign structure of non-perforated 2" square galvanized steel per LADOT standards; painted Sign Gray..

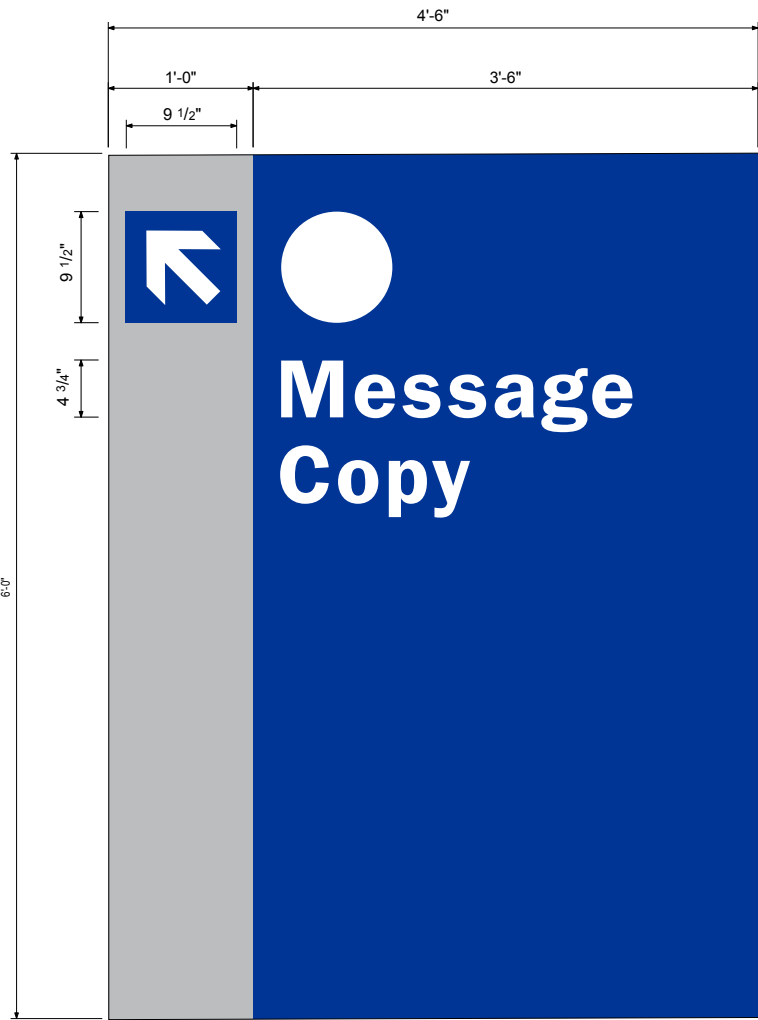
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

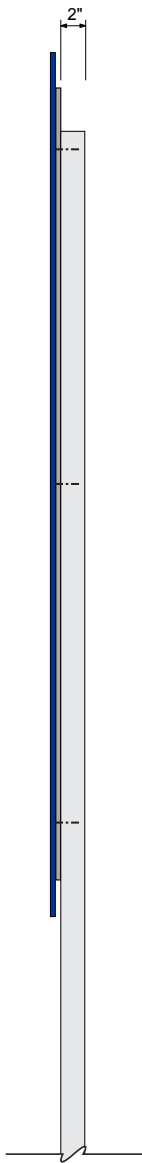
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to structure; no visible fasteners through message face. Non-perforated posts attach to engineered foundation with integrated mechanical anchors appropriate per location.

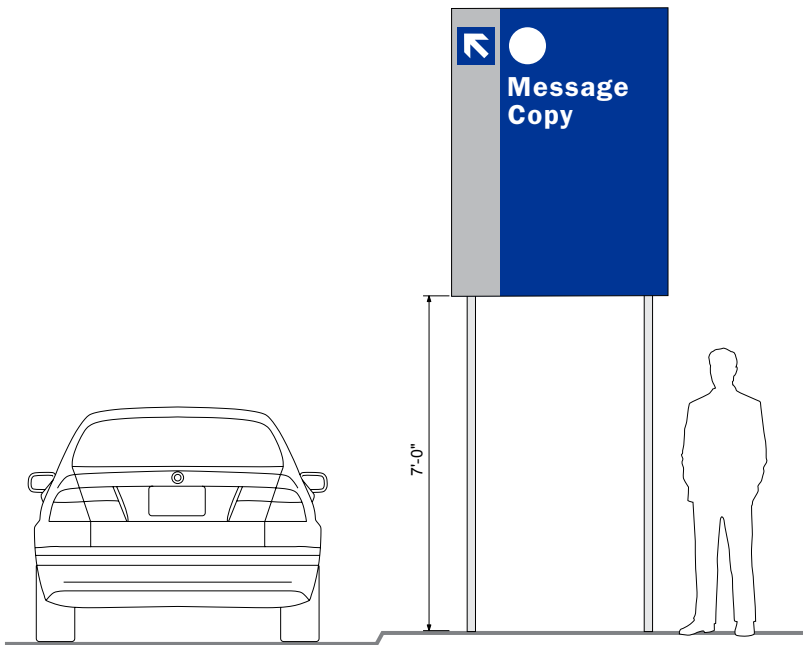
Font
Franklin Gothic Demi



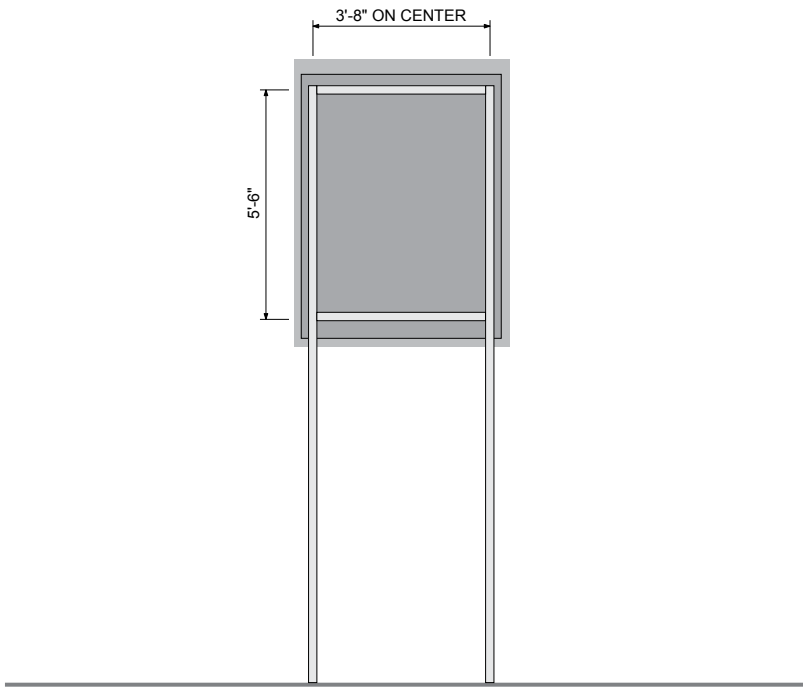
1 FACE VIEW



2 SIDE VIEW



3 CONTEXT ELEVATION



4 BACK VIEW

B108-G

VEHICLE DIRECTION PANEL – SMALL

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

Configuration
1 or 2 faces.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

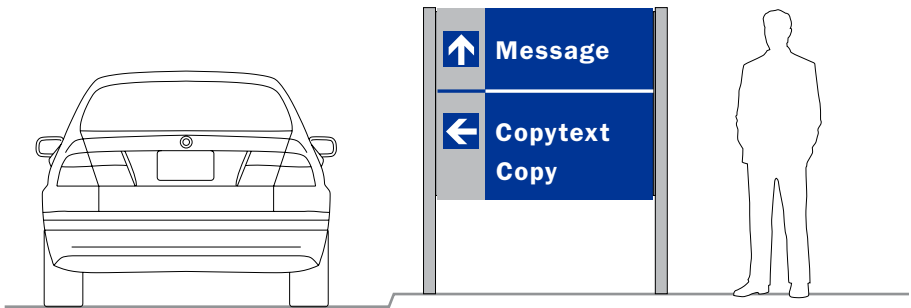
Illumination
Non-illuminated.

Mounting
Sign cabinet fastens blind to square non-perforated posts with mechanical anchors. Poles attach to engineered foundation with integrated mechanical anchors appropriate per location.

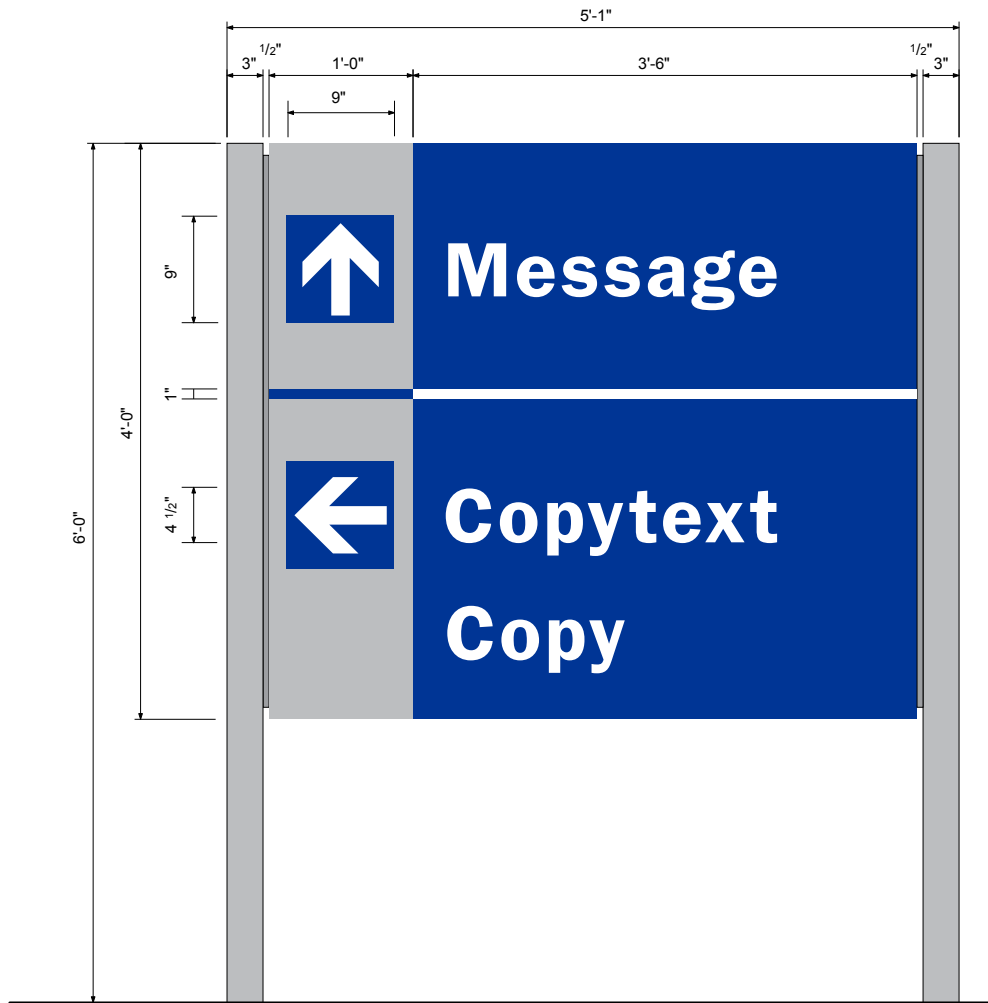
Font
Franklin Gothic Demi



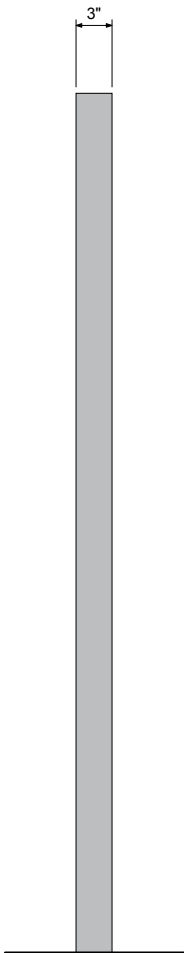
1 TOP VIEW



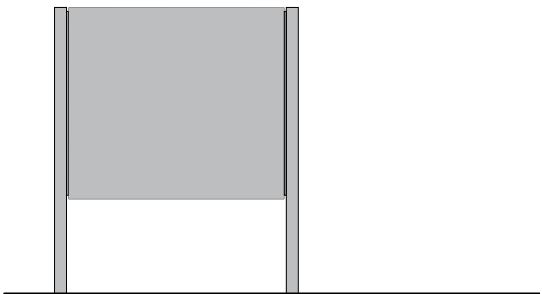
4 CONTEXT ELEVATION



2 FACE VIEW



3 SIDE VIEW



5 REAR VIEW

B109-P

ROADWAY DIRECTION BLADE – SMALL

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways; setback codes apply.

Material & Construction
Fabricated sign cabinet of minimum .063 gauge aluminum composite with channel frame; painted all sides. Galvanized steel post per existing structure; painted Sign Gray.

Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

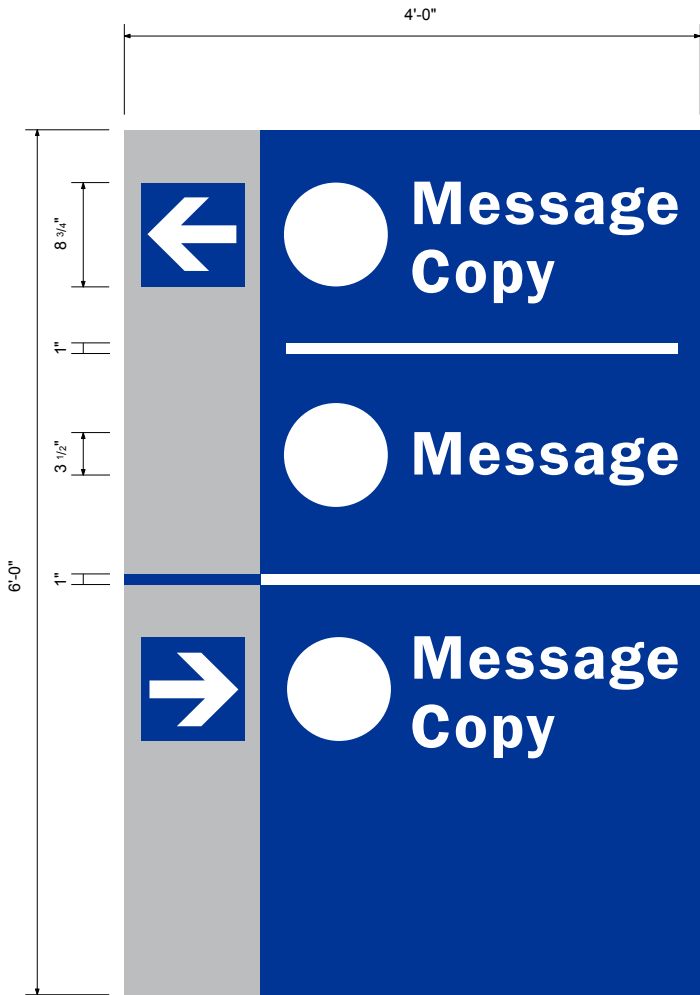
Illumination
Non-illuminated.

Mounting
Sign cabinet fastens blind to square non-perforated post with mechanical anchors. Poles attach to engineered foundation with integrated mechanical anchors appropriate per location.

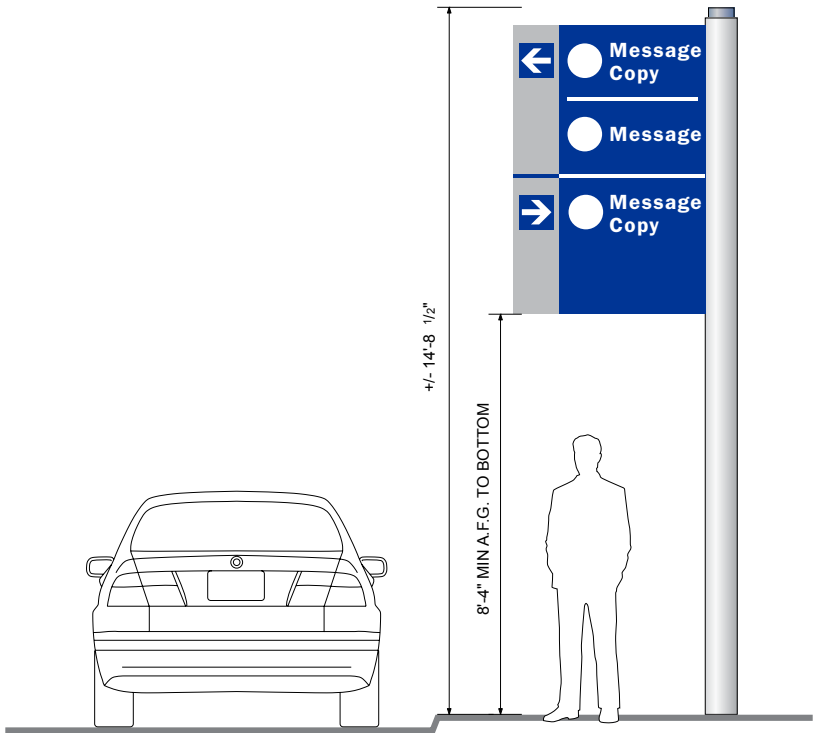
Font
Franklin Gothic Demi



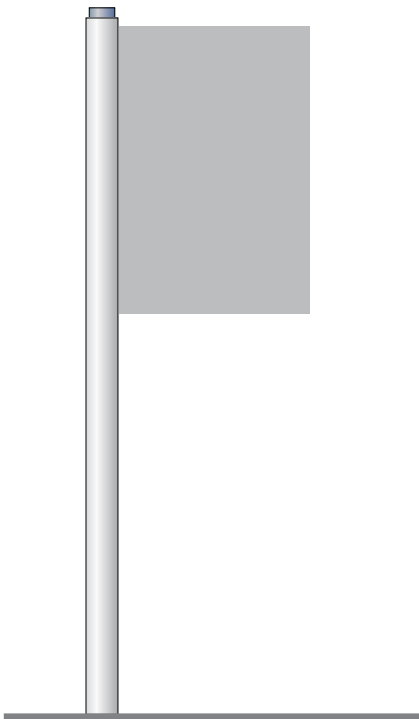
1 TOP VIEW



2 FACE VIEW



3 CONTEXT ELEVATION



4 REAR VIEW

B110-G

ROADWAY DIRECTION PANEL – SMALL

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along roadways.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/base of square non-perforated galvanized steel tube; painted Sign Gray.

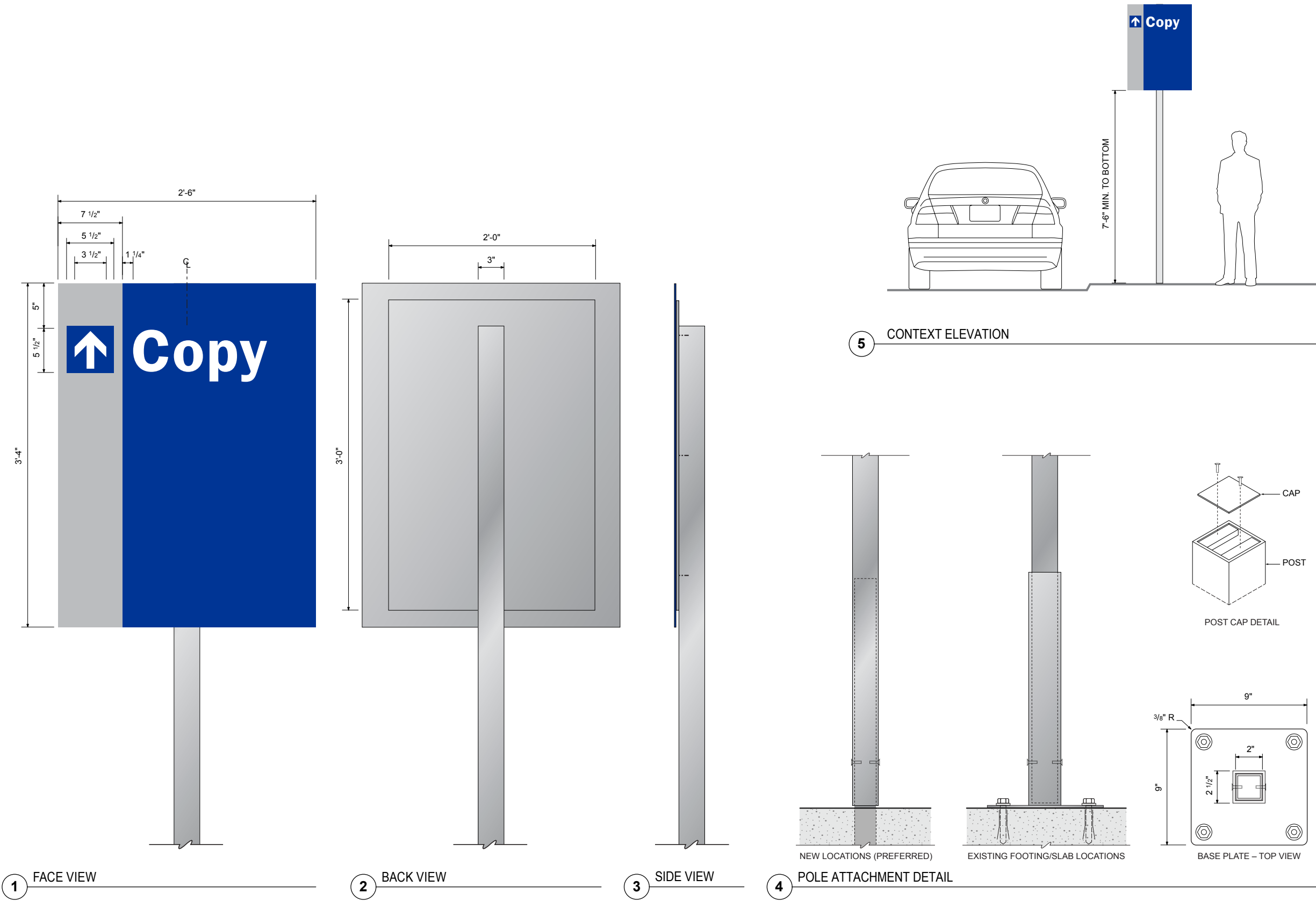
Configuration
1 face.

Message
Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

Font
Franklin Gothic Demi



B111-V

CURBSIDE VEHICLE DIRECTION PANEL

DIRECTION SIGNAGE – EXTERIOR

Function

Vehicle direction sign.

Location

Located at key decision points along CTA ring roadway.

Material & Construction

Panel of .080 gauge aluminum conforms to column curve radius; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Cut vinyl copy on first surface; reflective (3M Diamond Grade 4000) must comply with MUTCD minimum maintained retroreflectivity levels. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

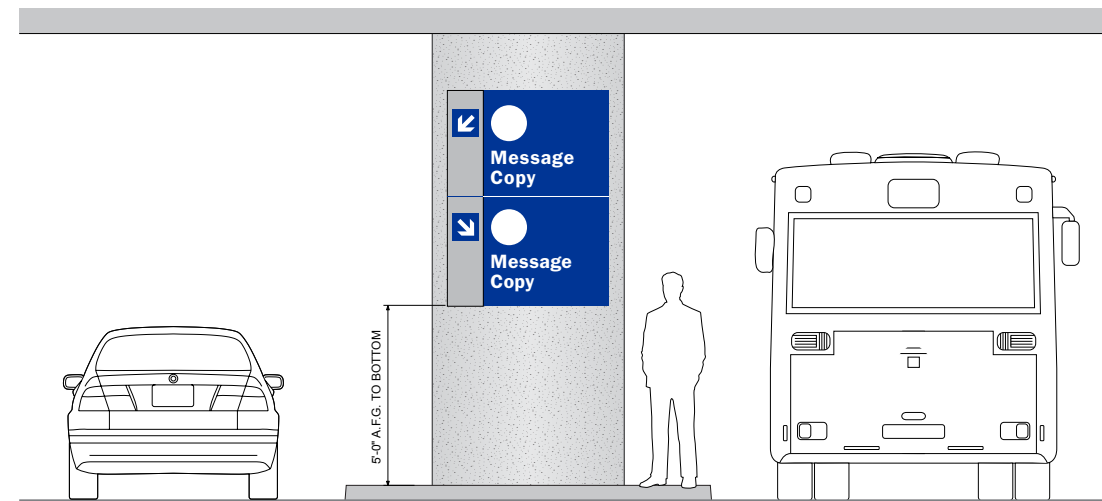
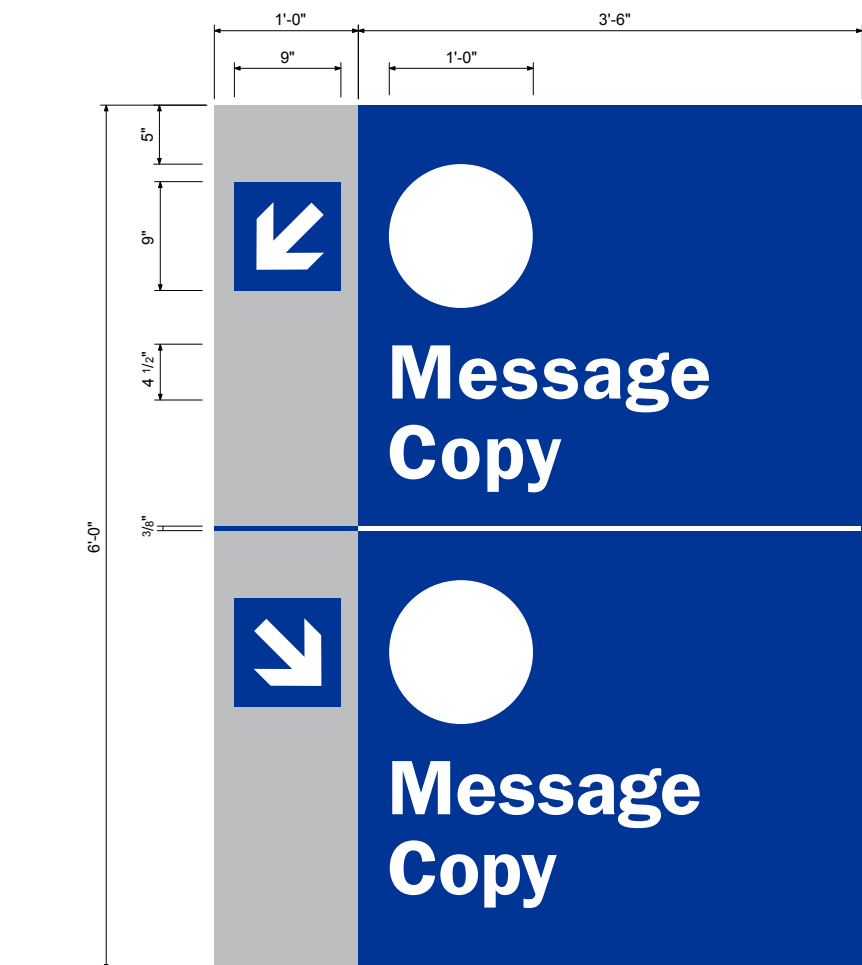
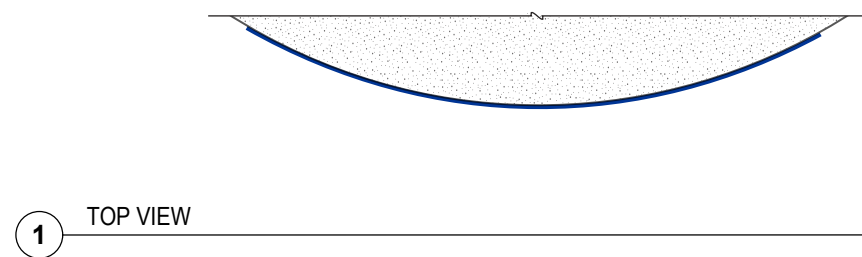
Non-illuminated.

Mounting

Blind mount flush to curve radius of column. No visible fasteners through message face.

Font

Franklin Gothic Demi



B112-V

PARKING PEDESTRIAN DIRECTION PANEL

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located at key decision points along surface parking lot lanes.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/base of square non-perforated galvanized steel tube; painted Sign Gray.

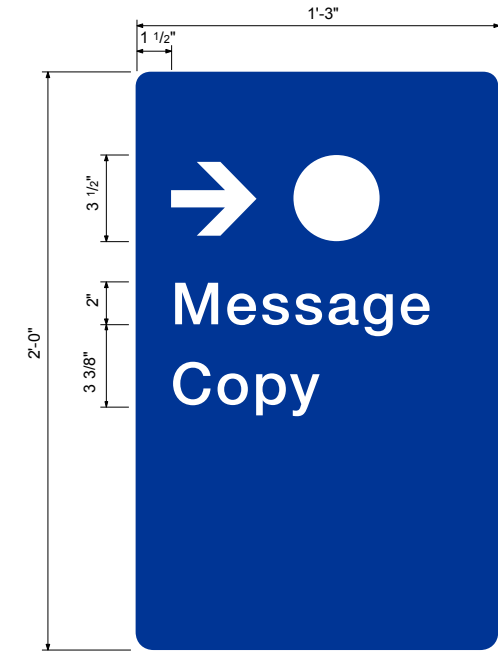
Configuration
1 face.

Message
Direct-to-surface printing or cut reflective vinyl on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

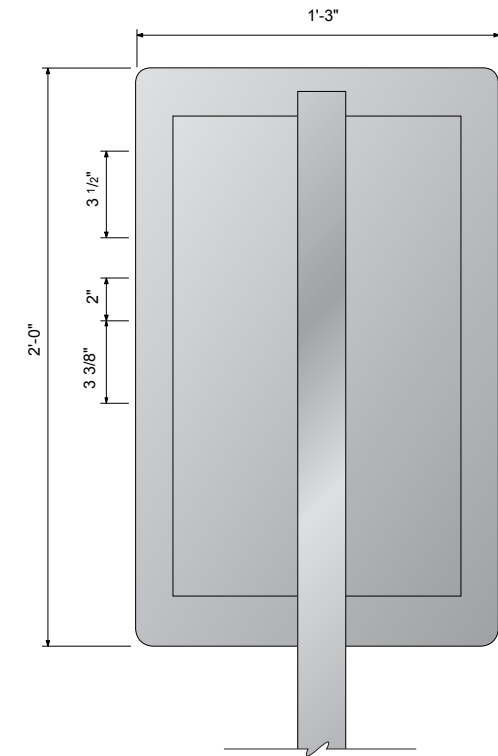
Font
Helvetica Neue 65 Medium



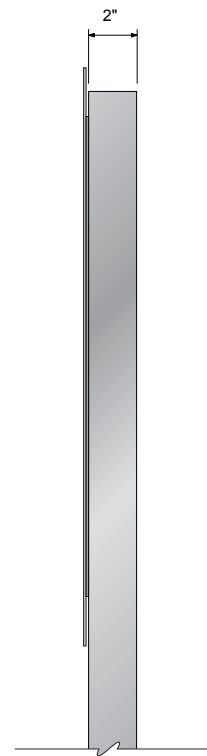
1 FACE VIEW



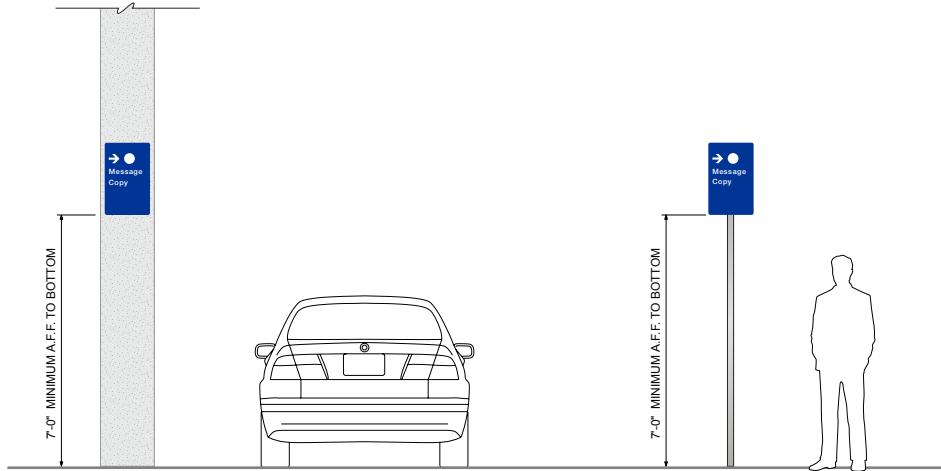
3 SIDE VIEW – WALL



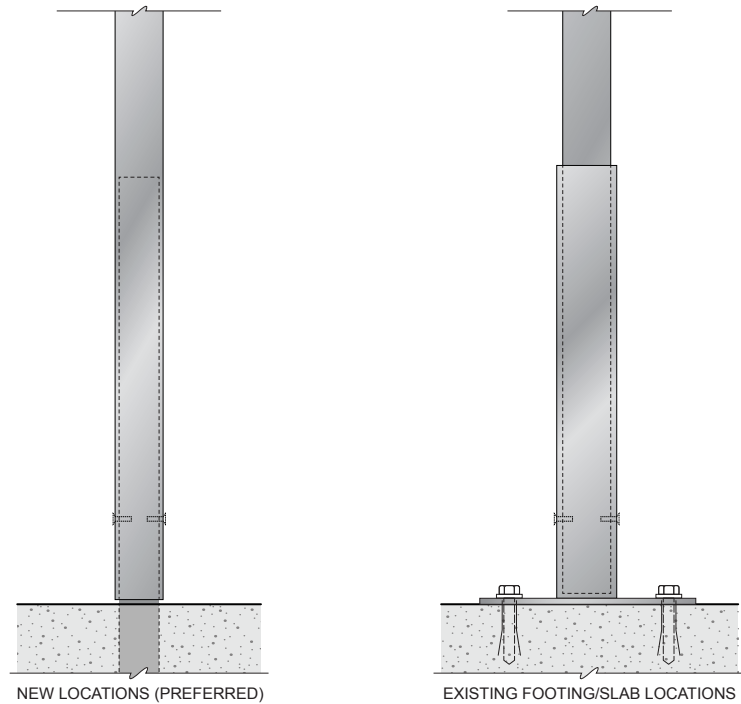
2 BACK VIEW



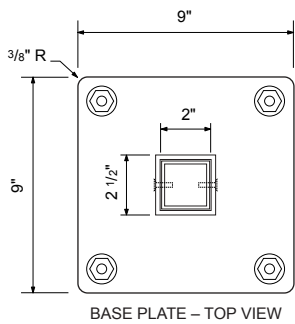
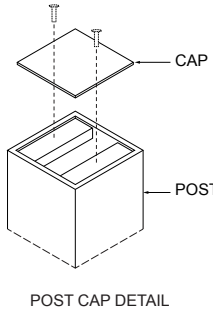
4 SIDE VIEW – POLE



5 CONTEXT ELEVATIONS



6 POLE ATTACHMENT DETAIL



B114-G

WALK 4-SIDED PYLON

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction pylon.

Location
Located at key decision points along walkways.

Material & Construction
Sign cabinet of 1/8" thick aluminum with eased edges; primer paint seal.

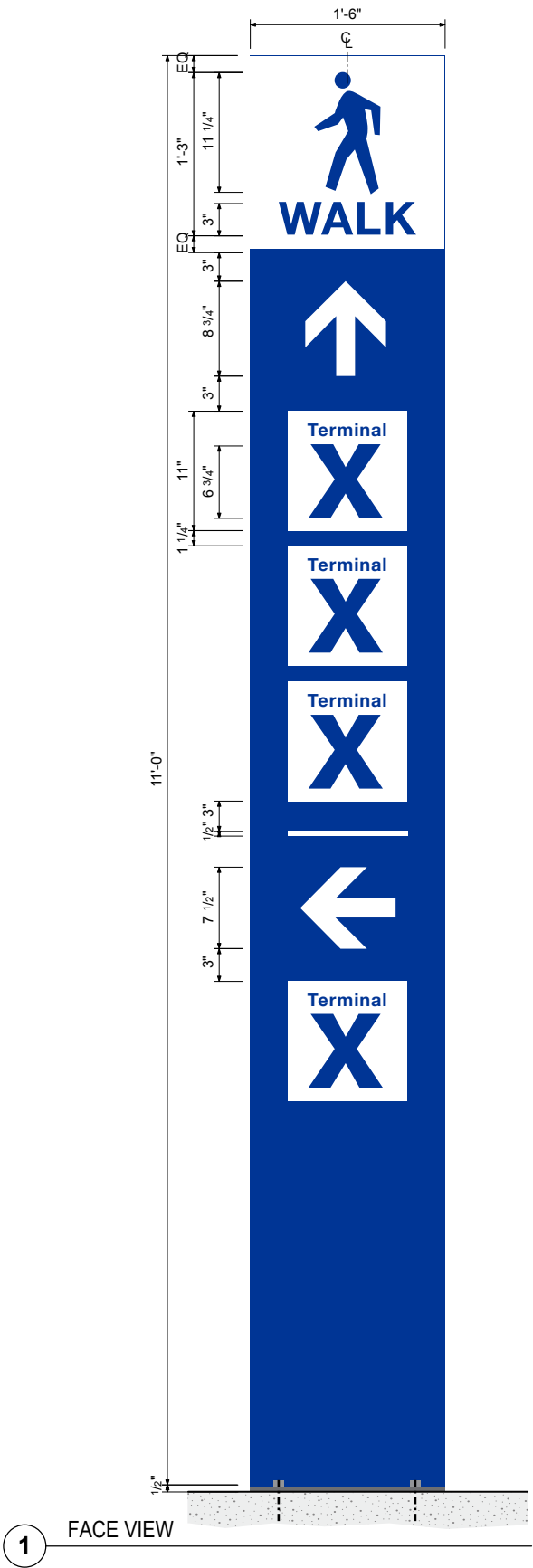
Configuration
4 faces.

Message
Digitally printed vinyl, each face as single print; minimum 3 mil thickness. Vinyl seams join at corner edges. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

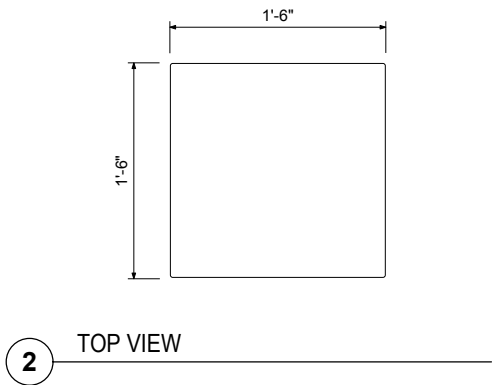
Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

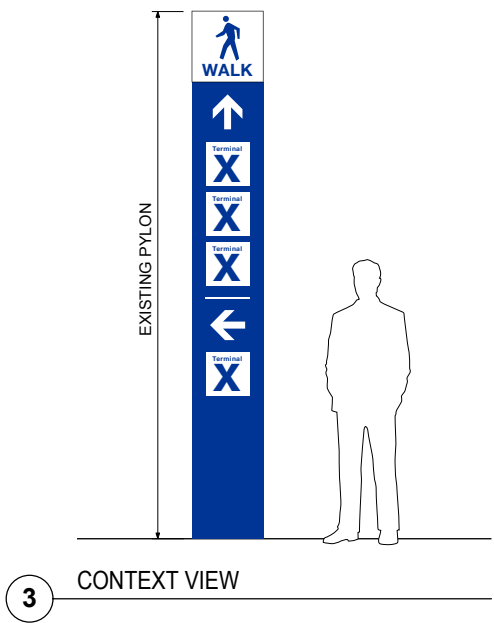
Fonts
Helvetica Neue 75 Bold
Helvetica Neue 85 Heavy



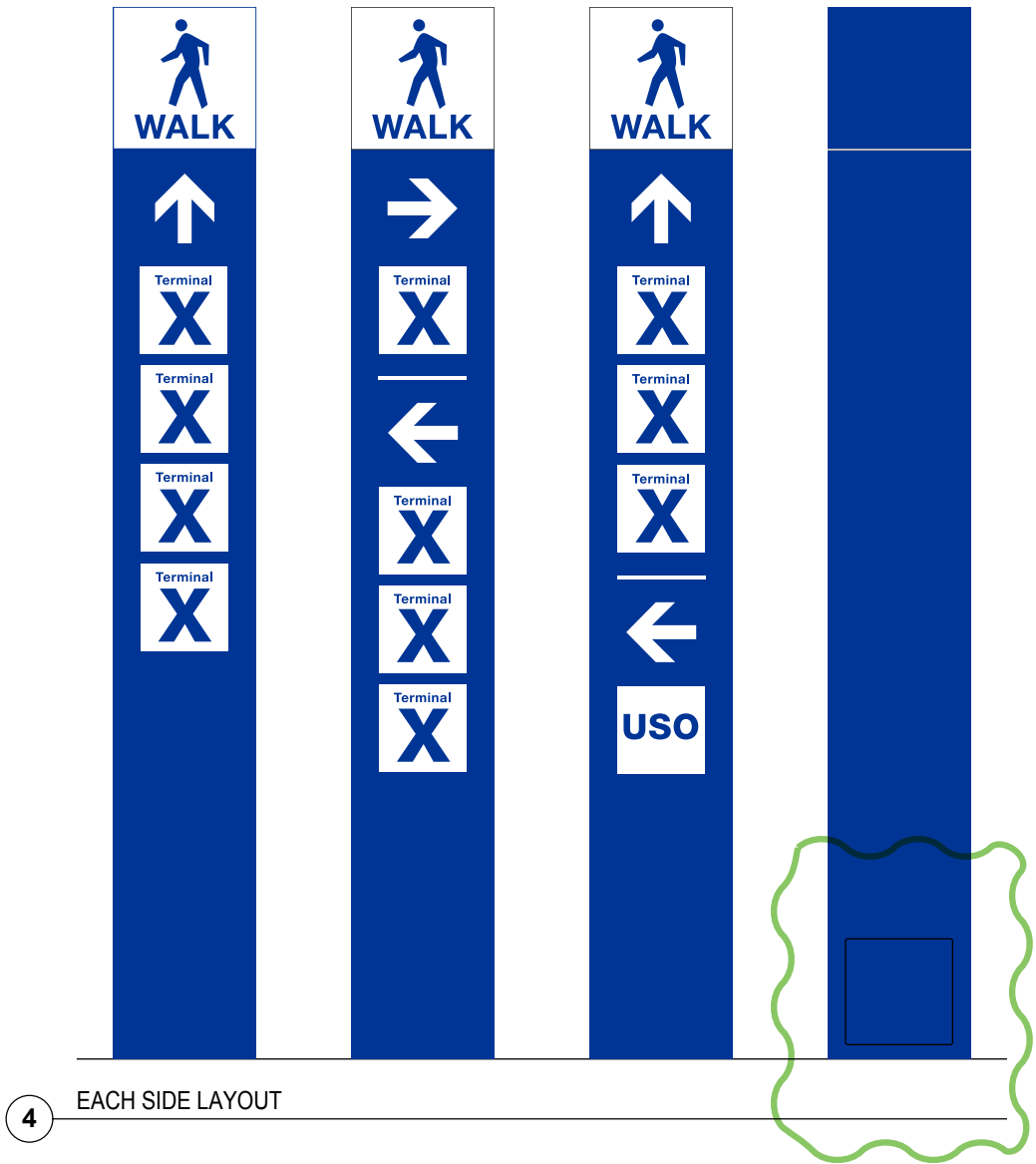
1 FACE VIEW



2 TOP VIEW



3 CONTEXT VIEW



4 EACH SIDE LAYOUT

B115-G

PEDESTRIAN DIRECTION PYLON

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated sign cabinet of quality stainless steel; #4 horizontal brush finish. Removable message panel of 3/4" deep .080 gauge aluminum pan face; painted. Anti-graffiti satin clear coat on all painted surfaces.

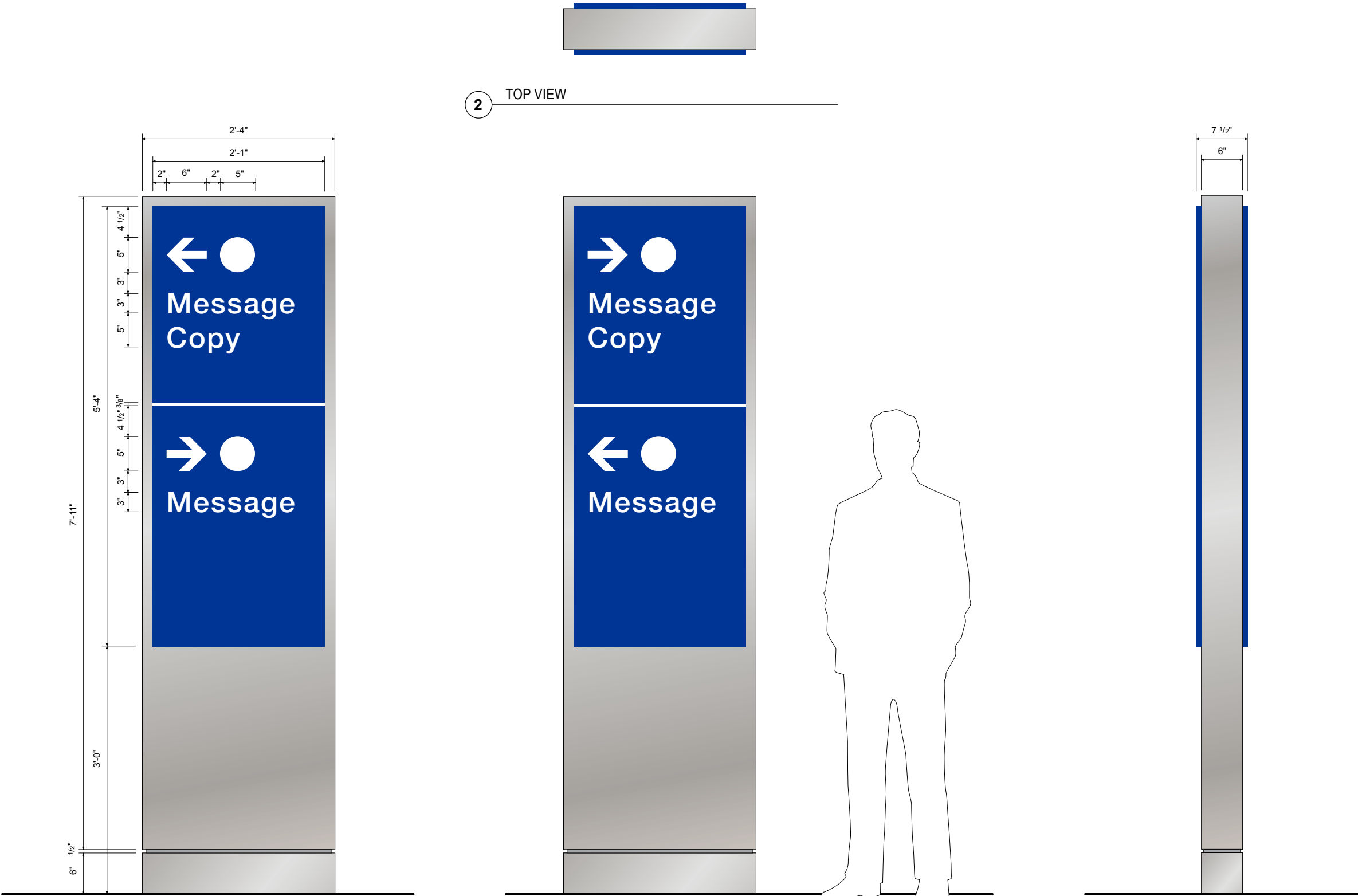
Configuration
1 or 2 faces.

Message
Direct-to-surface printing or cut vinyl copy on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Message pans fasten blind to cabinet with concealed mechanical anchors. Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 65 Medium



1 FACE VIEW

3 REAR VIEW

4 SIDE VIEW

B116-G

AIRTRAIN DIRECTION PYLON

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated sign cabinet of quality stainless steel; #4 horizontal brush finish. Removable message panel of 3/4" deep .080 gauge aluminum pan face; painted. Anti-graffiti satin clear coat on all painted surfaces.

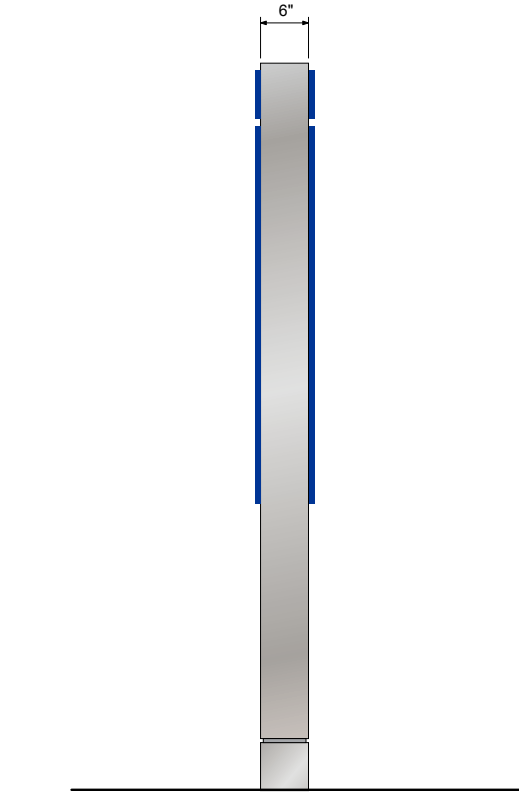
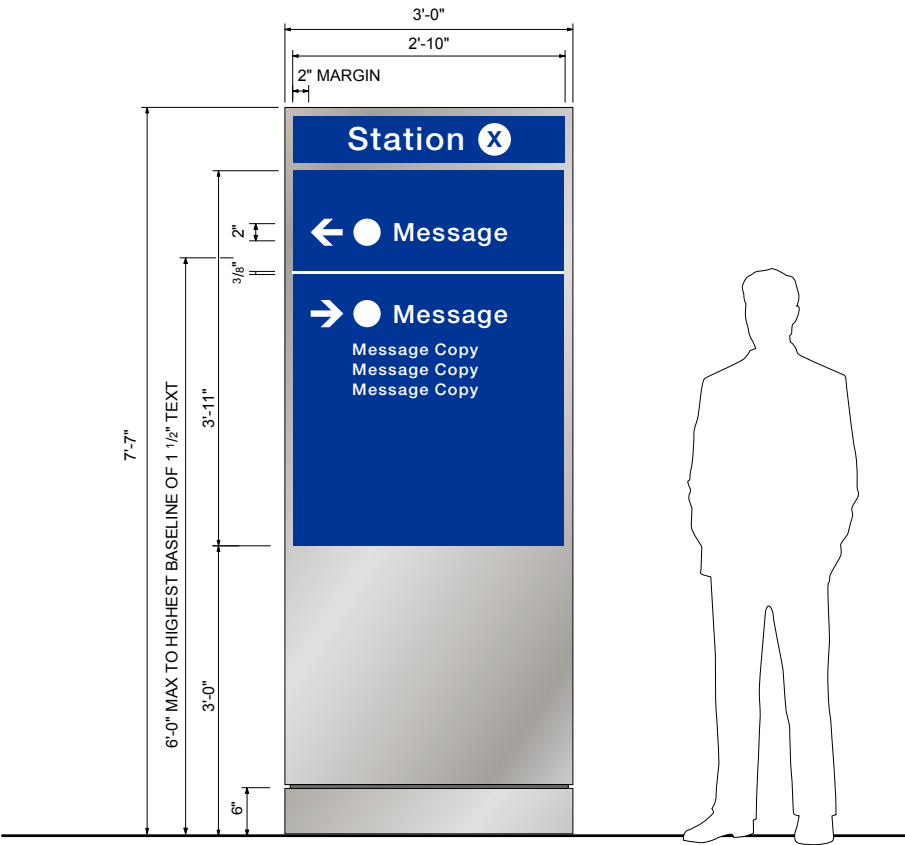
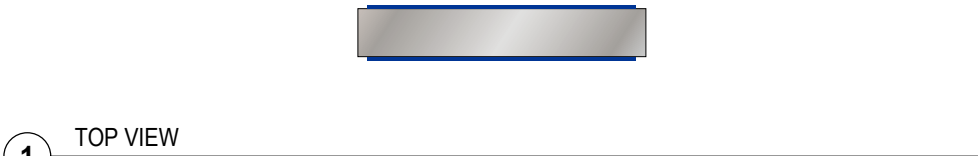
Configuration
1 or 2 faces.

Message
Direct-to-surface printing or cut vinyl copy on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Message pans fasten blind to cabinet with concealed mechanical anchors. Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font
Helvetica Neue 65 Medium



B117-S

CURBSIDE SUSPENDED DIRECTION

DIRECTION SIGNAGE – EXTERIOR

Function

Pedestrian direction sign.

Location

Located at key decision points in the CTA ring; positioned perpendicular to walkway.

Material & Construction

Cabinet frame of .050 gauge aluminum; painted. Removable break-form frames. Message panels of 1/8" thick AlumaCore™ with surface applied changeable 30 mil magnetic sheet.

Configuration

2 faces.

Message

Direct surface printing on first surface of magnetic vinyl. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

Non-illuminated.

Mounting

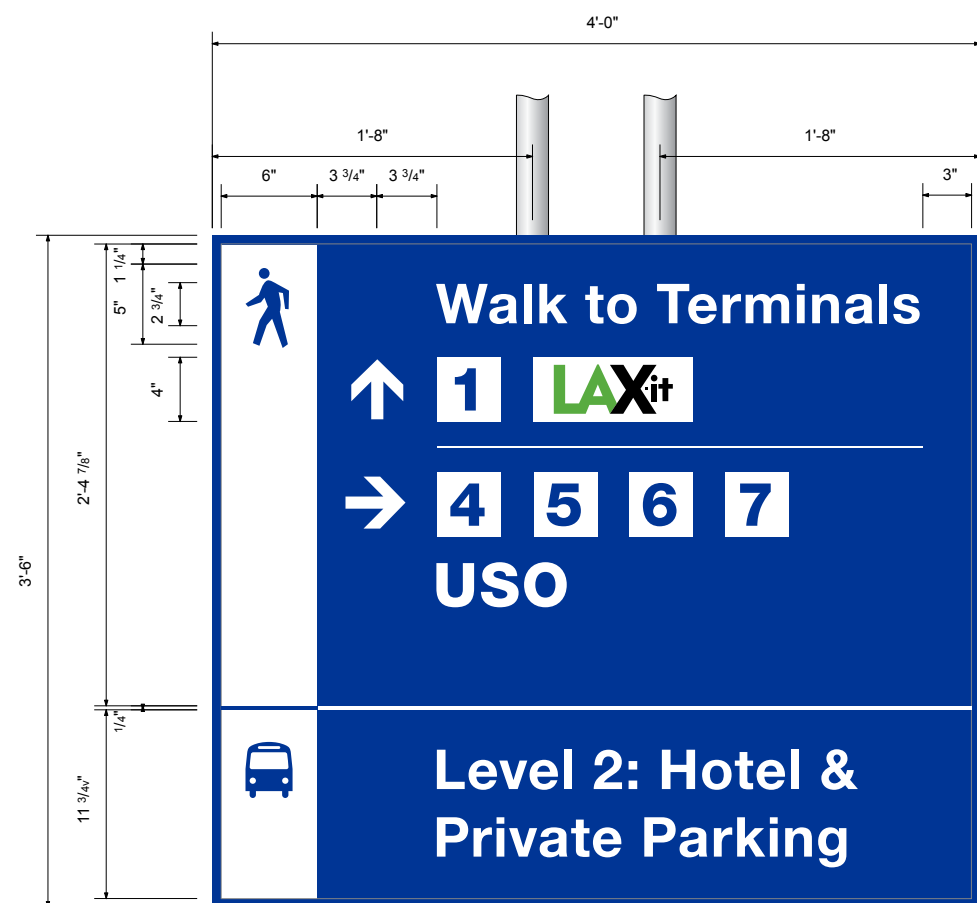
Suspended from overhead structure; threaded galvanized steel rod inside 2" diameter aluminum sleeve; painted.

Fonts

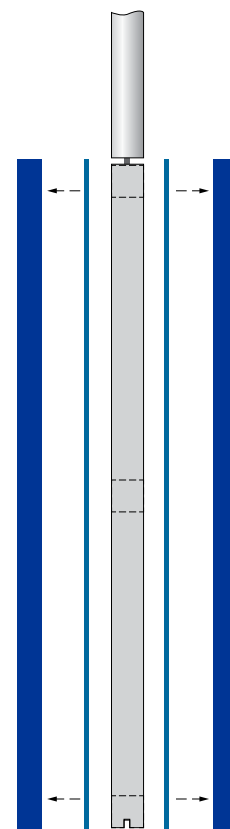
Helvetica Neue 75 Bold
Helvetuca Neue 85 Heavy



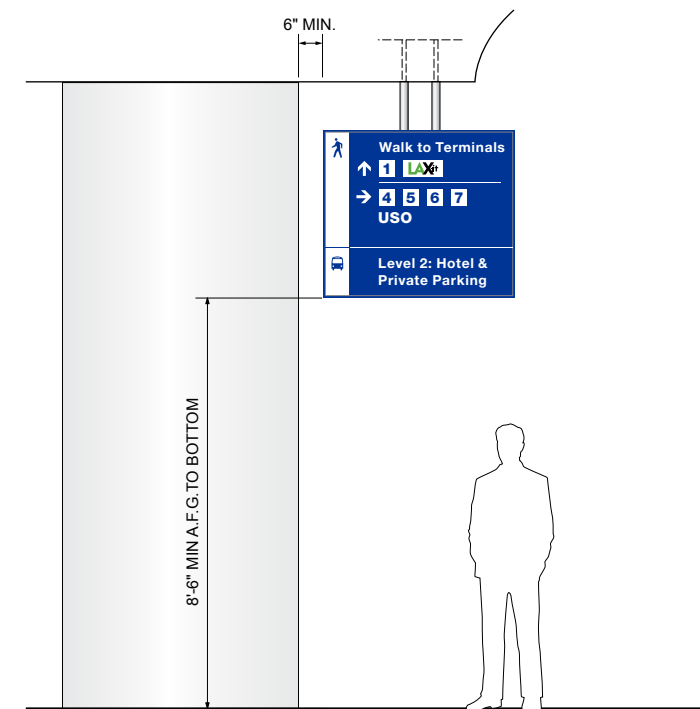
1 TOP VIEW



2 FACE VIEW



3 SIDE VIEW



4 CONTEXT ELEVATION

B118-S

CURBSIDE SUSPENDED SERVICES DIRECTION

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction to ground transportation services.

Location
Located at key decision points and crosswalks in the CTA ring; positioned parallel to roadway.

Material & Construction
Fabricated aluminum panels with surface applied changeable 30 mil magnetic sheet. 1/2" thick x 1/2" wide black border frame.

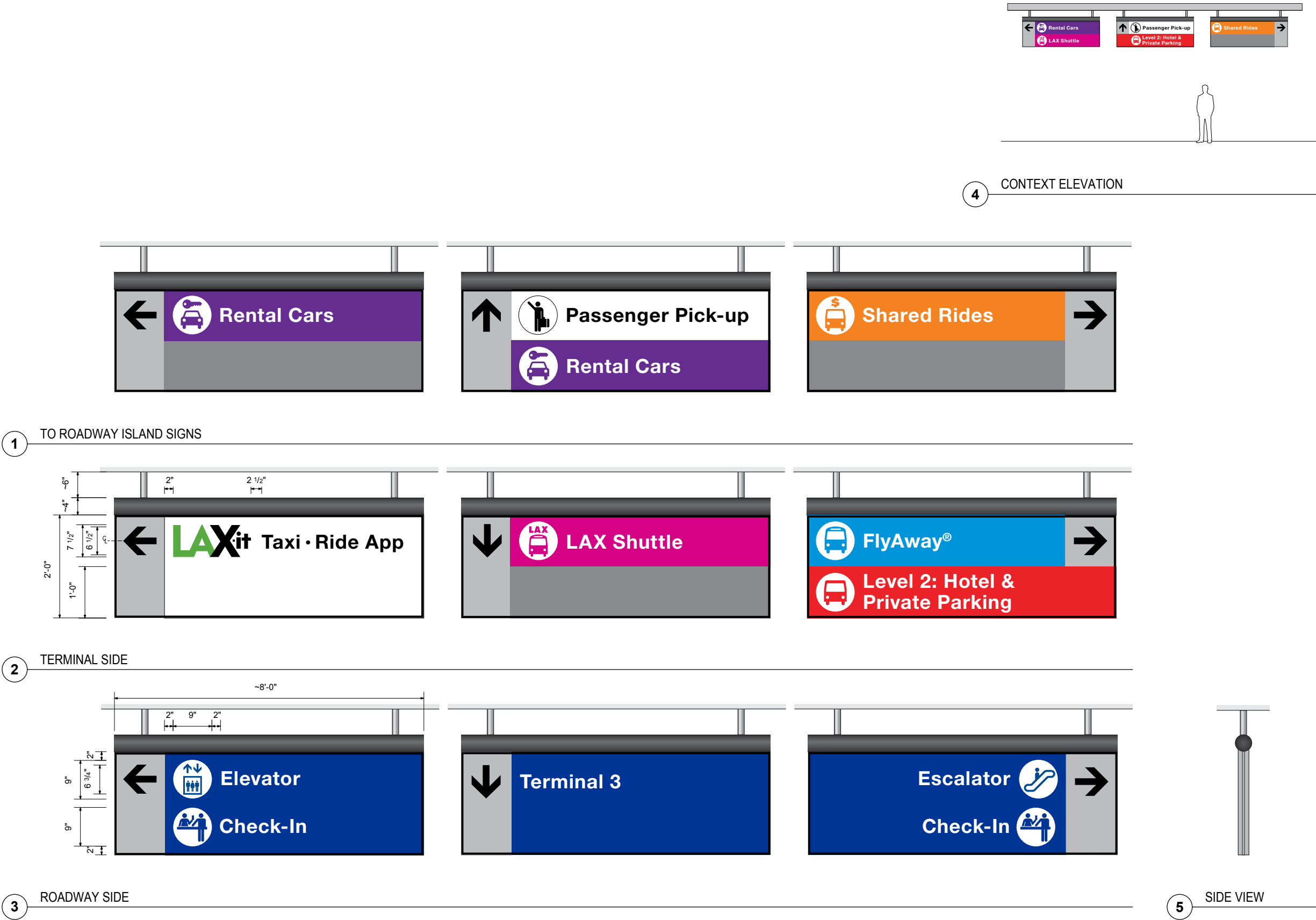
Configuration
2 faces.

Message
Cut vinyl copy on first surface of magnetic sheet. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Suspended from overhead structure; threaded galvanized steel rod inside aluminum sleeve; painted.

Font
Helvetica Neue 75 Bold



B120-SD

AIRTRAIN OVERHEAD DIRECTION DYNAMIC

DIRECTION SIGNAGE – EXTERIOR

Function

Suspended pedestrian direction sign.

Location

At key wayfinding decision points.

Material & Construction

Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces. Integrated internal dynamic display; LED backlit LCD per LAWA specifications.

Configuration

2 faces; 1 dynamic and static, 1 static.

Message

Static message of cut vinyl copy applied to first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

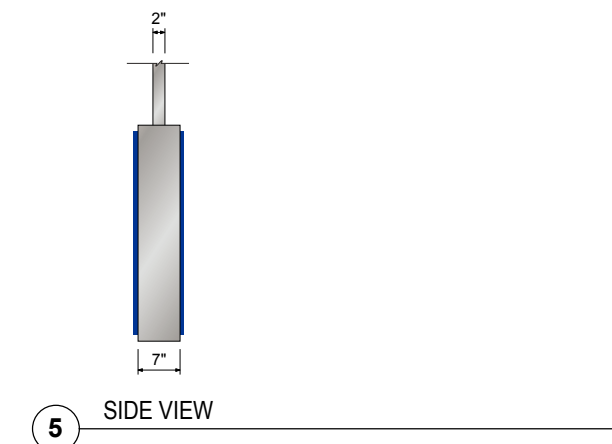
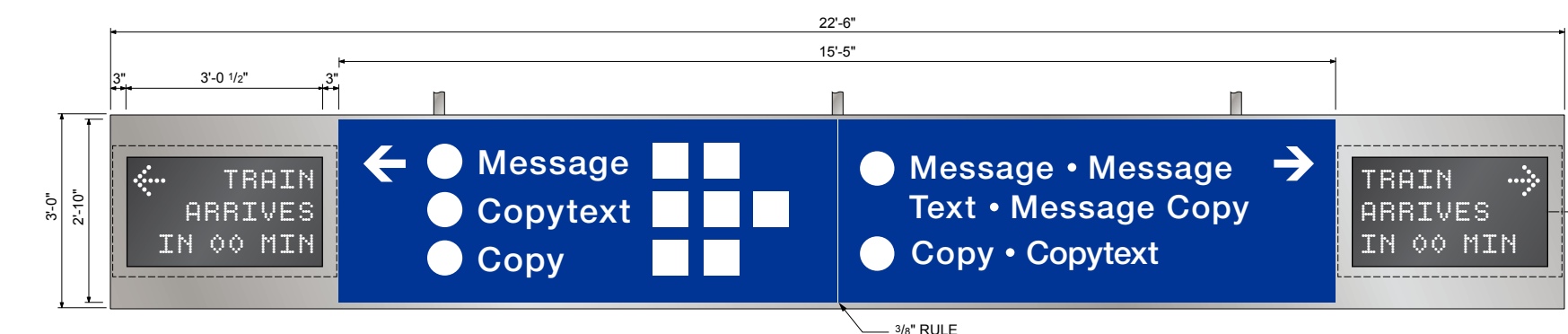
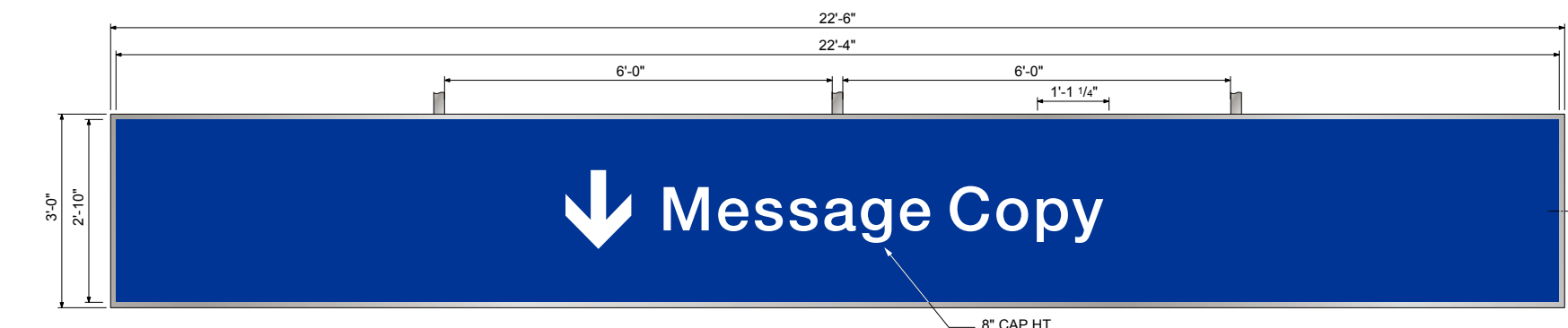
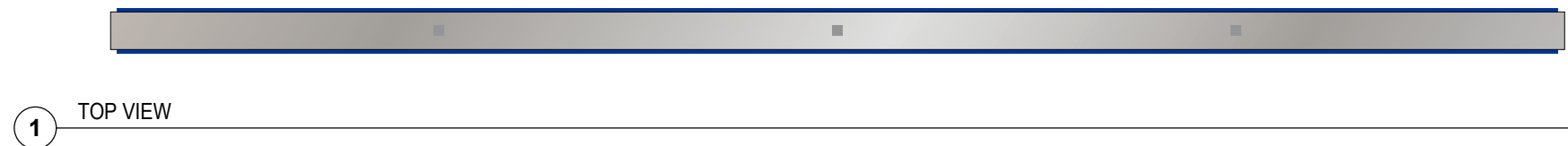
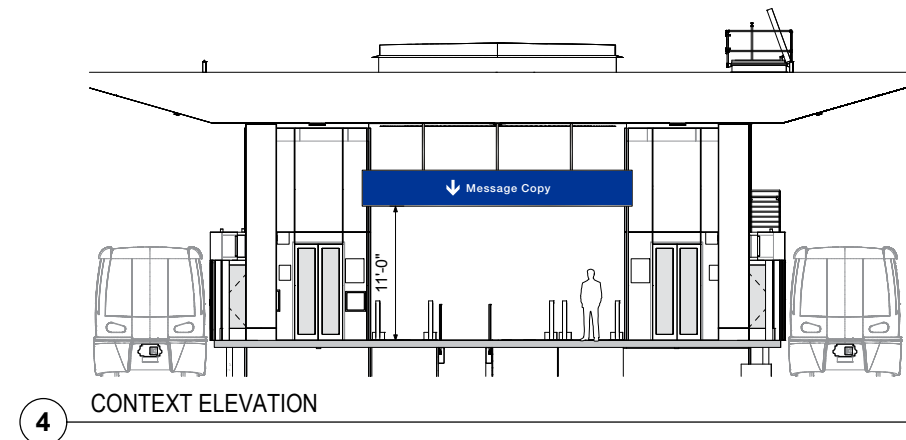
Non-illuminated.

Mounting

Suspended from overhead structure
with 3/4" diameter threaded galvanized
steel tube inside 2" square stainless
steel sleeve; #4 horizontal brush finish.

Font

Helvetica Neue 65 Medium



B121-V

AIRTRAIN OVERHEAD DIRECTION – 18

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Back side of sign painted LAWA Silver. Anti-graffiti satin clear coat on all painted surfaces.

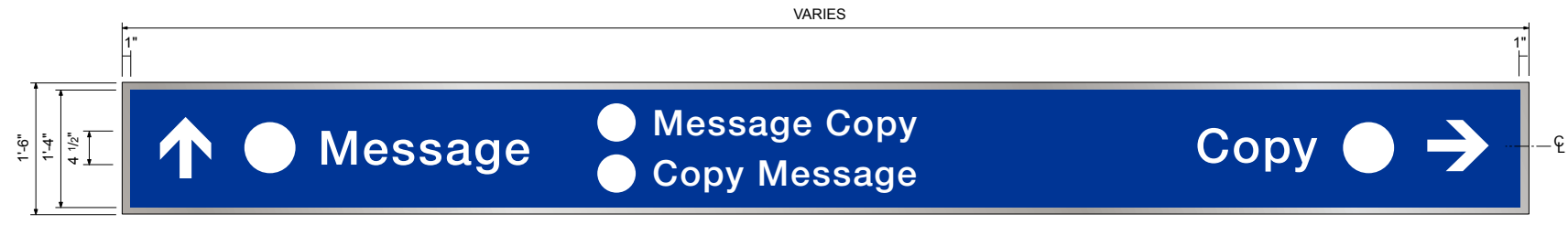
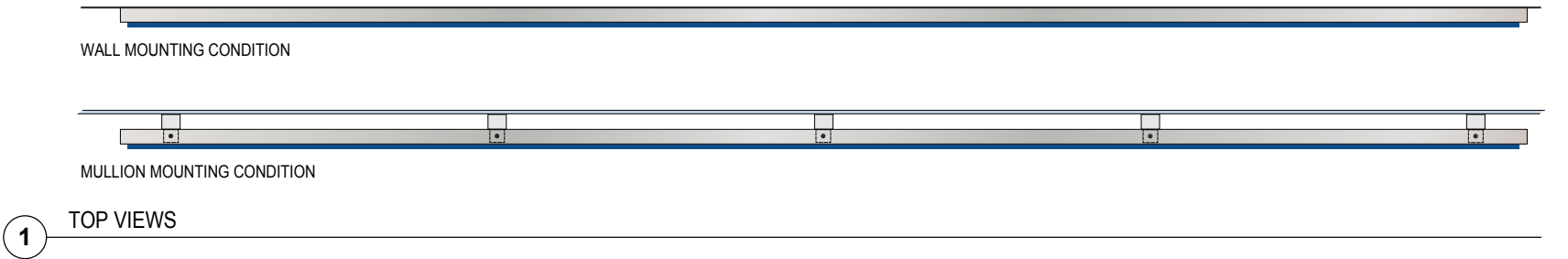
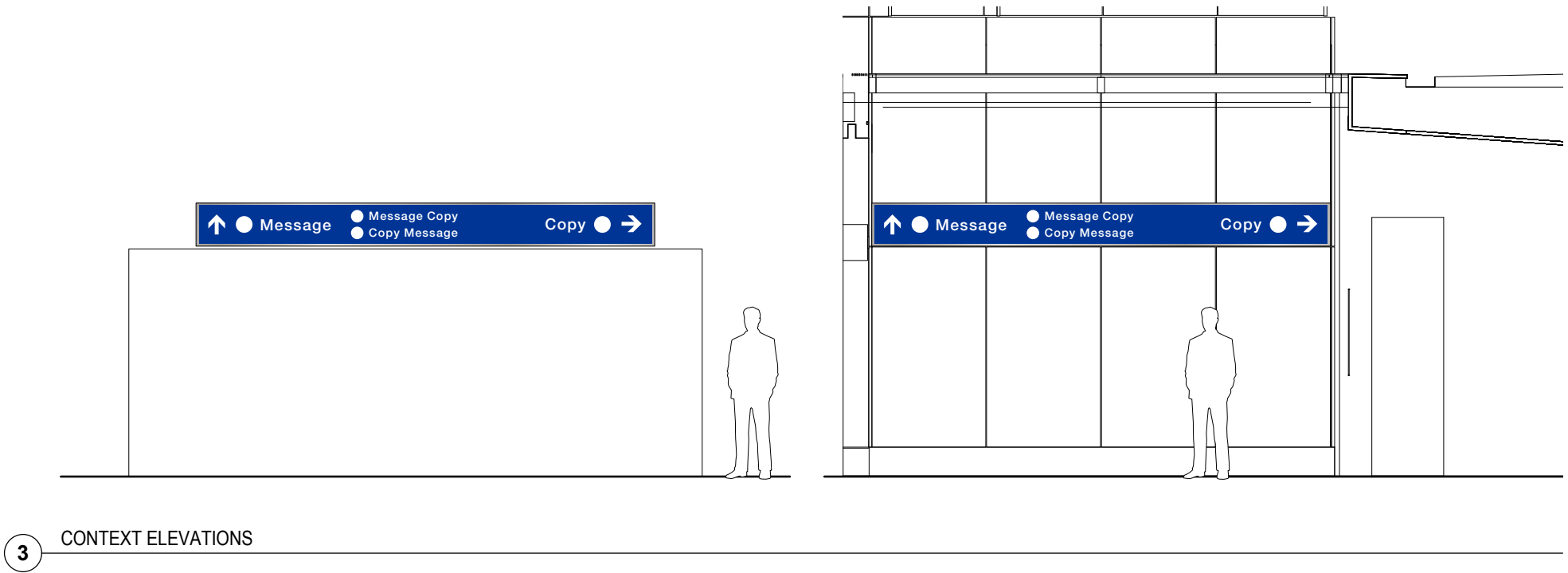
Configuration
1 face.

Message
Cut vinyl copy applied to first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Mount flush to structure.

Font
Helvetica Neue 65 Medium



B122-V

AIRTRAIN OVERHEAD DIRECTION – 24

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Back side of sign painted LAWA Silver. Anti-graffiti satin clear coat on all painted surfaces.

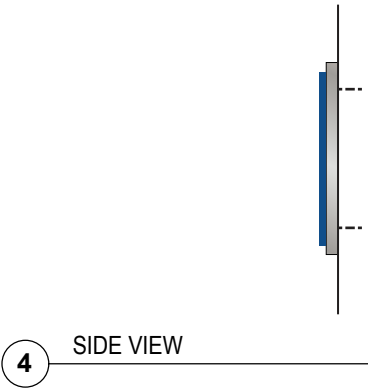
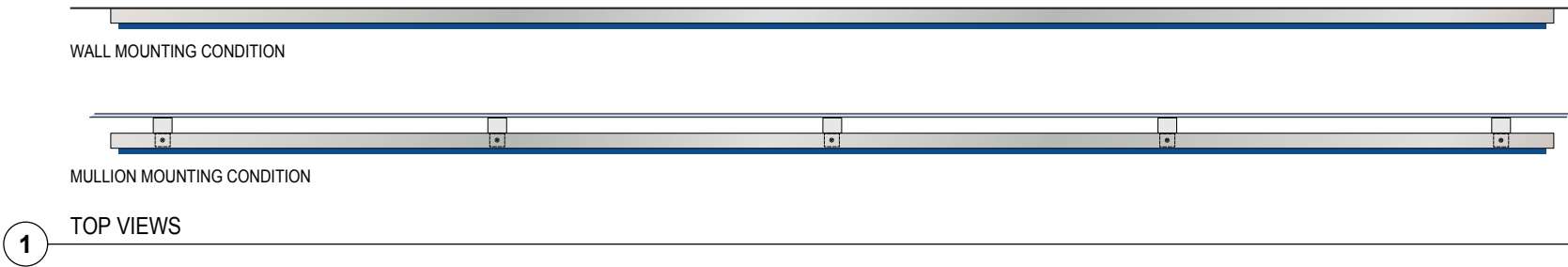
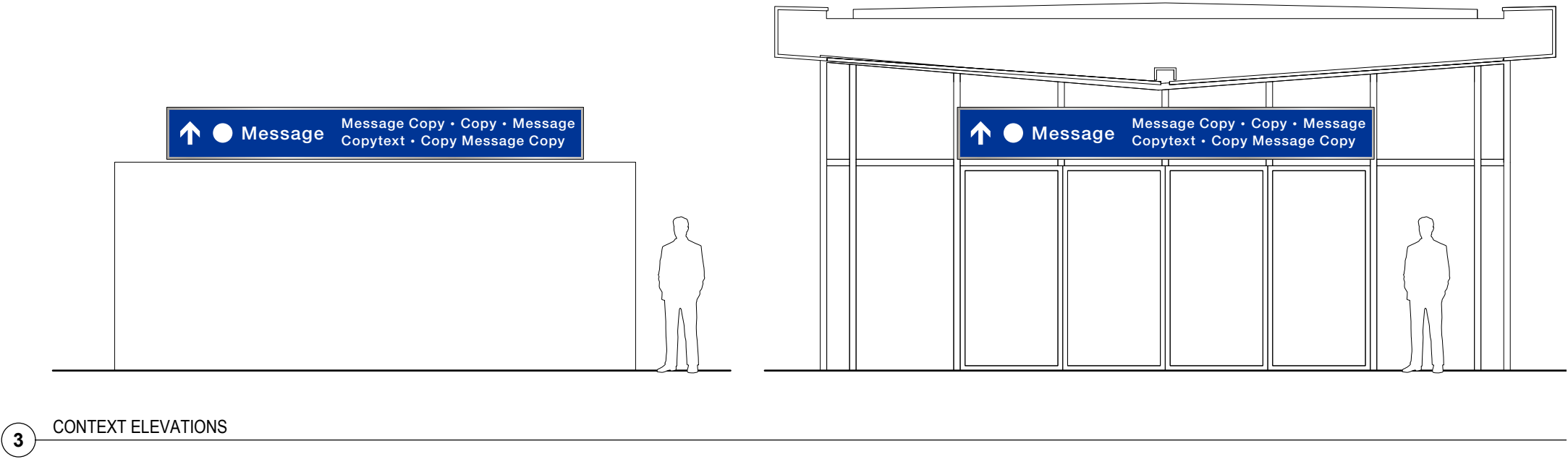
Configuration
1 face.

Message
Cut vinyl copy applied to first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Mount flush to structure.

Font
Helvetica Neue 65 Medium



B504-V

VEHICLE DIRECTION OVERHEAD PANEL

DIRECTION SIGNAGE – INTERIOR

Function
Vehicle direction in parking structure.

Location
Located above vehicle lane.

Material & Construction
Wall sign panel of 1/8" thick aluminum; painted. Suspended fabricated sign cabinet of 1/8" thick aluminum; painted all sides.

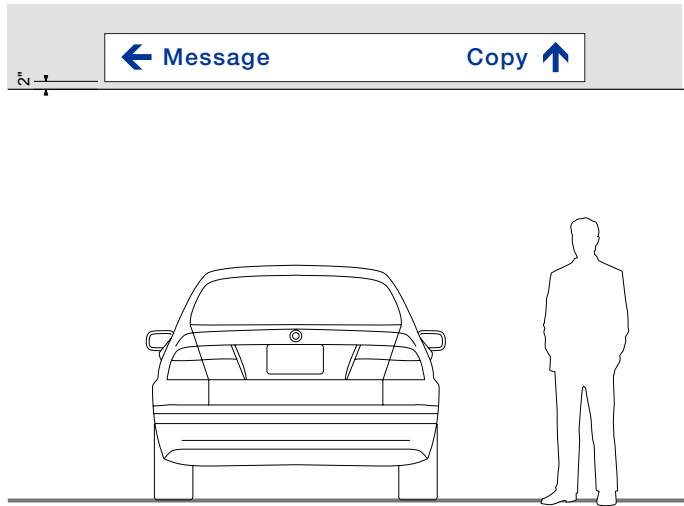
Configuration
1 face.

Message
Direct digital print or cut reflective vinyl on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

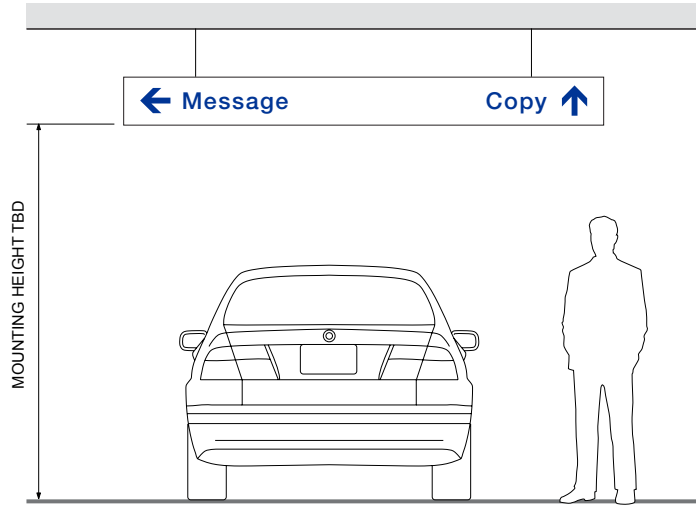
Illumination
Non-illuminated.

Mounting
Blind mount panel flush to wall. Attach cabinet to overhead structure by stainless steel aircraft cable and anchor hardware.

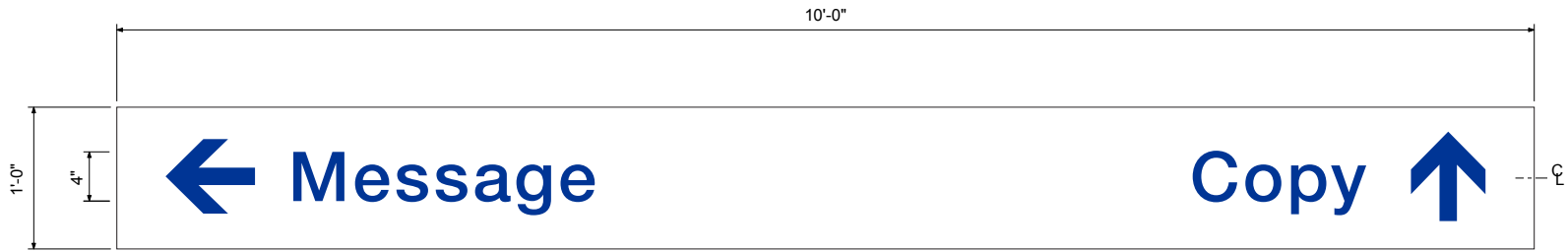
Font
Helvetica Neue 65 Medium



2 CONTEXT ELEVATION - WALL SIGN



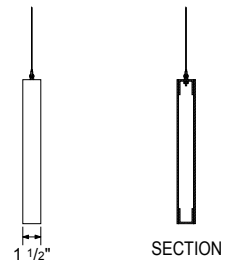
3 CONTEXT ELEVATION - SUSPENDED SIGN



1 FACE VIEW



4 SIDE VIEW



5 SIDE VIEW SUSPENDED

B505-V

PARKING DIRECTION
WALL GRAPHIC –
LARGE

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
Parking garage core.

Material & Construction
Painted copy.

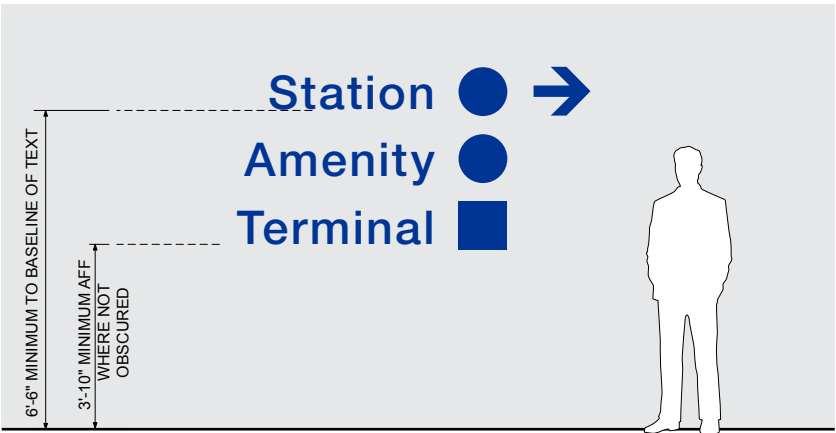
Configuration
1 face.

Message
Painted copy applied to first surface.
Message shown is representational
only; actual verbiage will vary and
must be approved by the LAWA
Signage & Graphics Manager.

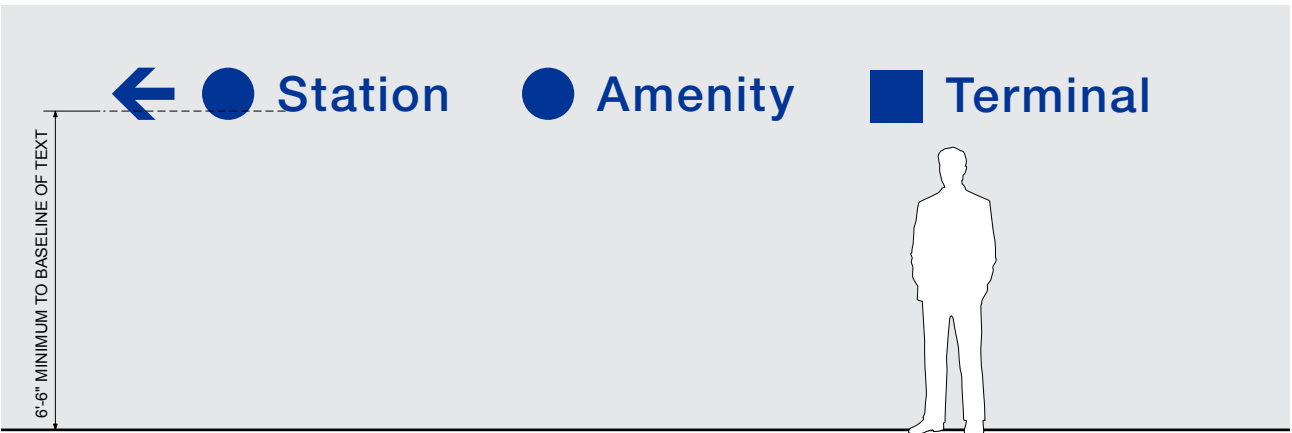
Illumination
Non-illuminated.

Mounting
Adhere to wall surface. Preferred
minimum height of top message
line as shown. Where ceiling height
impedes, place message at highest
location for maximum visibility.
Where objects will obscure stacked
message use single line layout.

Font
Helvetica Neue 65 Medium



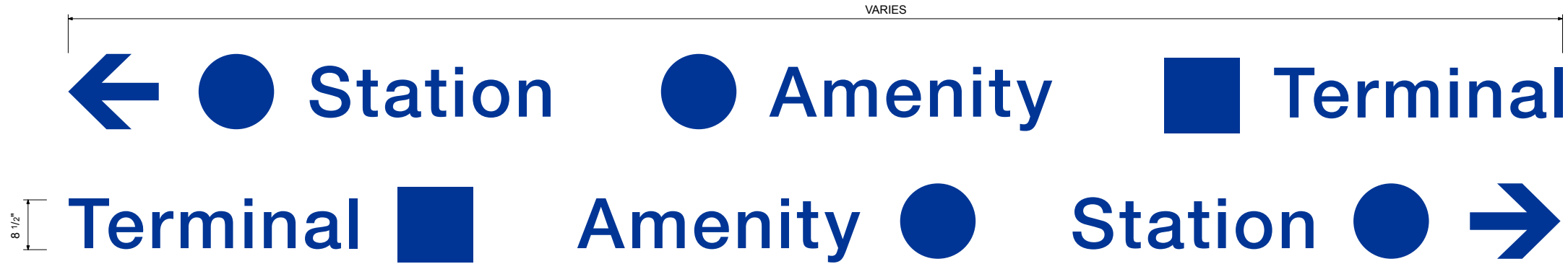
1 CONTEXT ELEVATION - TYPICAL



4 CONTEXT ELEVATION - TYPICAL (PREFERRED)



2 ELEVATIONS - STACKED



3 ELEVATIONS - LINEAR (PREFERRED)

B506-V

PARKING DIRECTION WALL GRAPHIC – SMALL

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
Parking garage core.

Material & Construction
Painted copy.

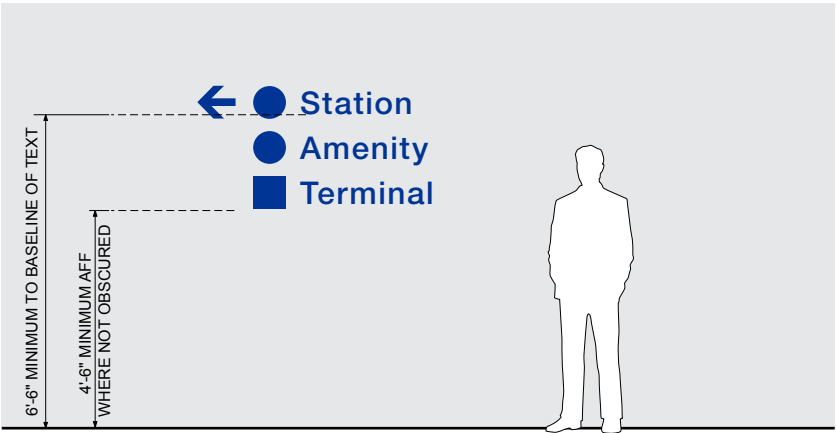
Configuration
1 face.

Message
Painted copy applied to first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

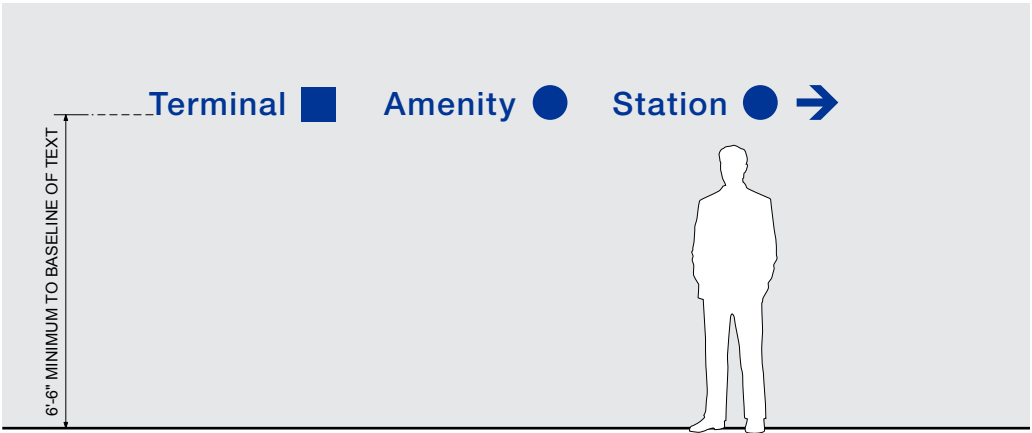
Illumination
Non-illuminated.

Mounting
Adjere to wall surface. Preferred minimum height of top message line as shown. Where ceiling height impedes, place message at highest location for maximum visibility. Where objects will obscure stacked message use single line layout.

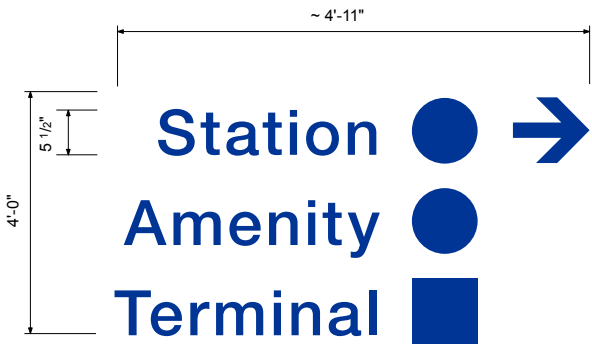
Font
Helvetica Neue 65 Medium



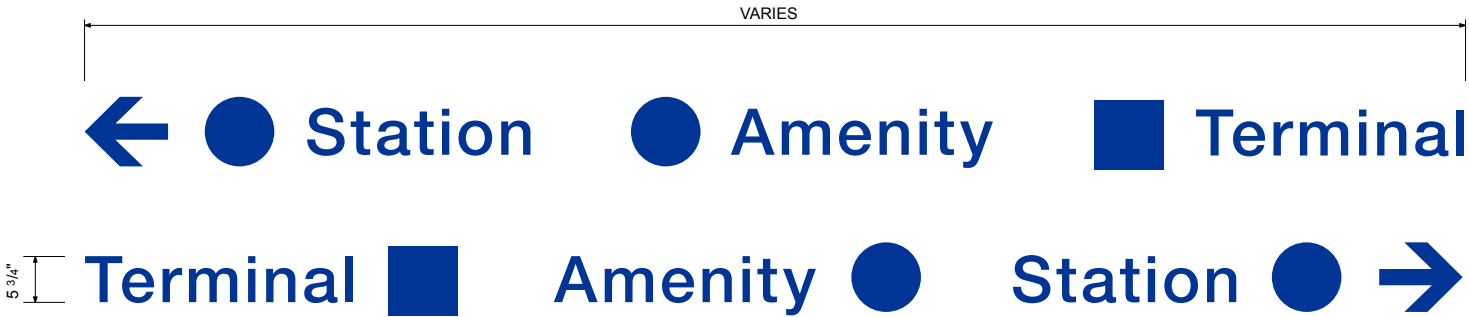
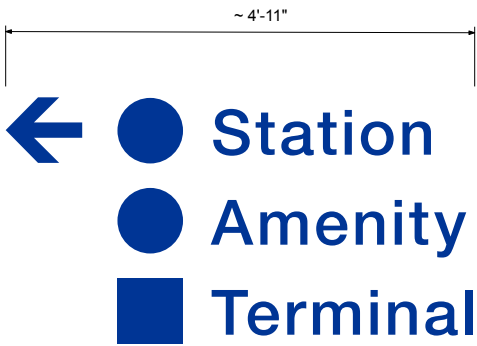
1 CONTEXT ELEVATION - TYPICAL



4 CONTEXT ELEVATION - TYPICAL (PREFERRED)



2 ELEVATIONS - STACKED



3 ELEVATIONS - LINEAR (PREFERRED)

B510-SD

CUSTOMS SUSPENDED STATIC/DYNAMIC – 18

Function
Suspended pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces. Integrated internal dynamic display; LED backlit LCD per LAWA specifications.

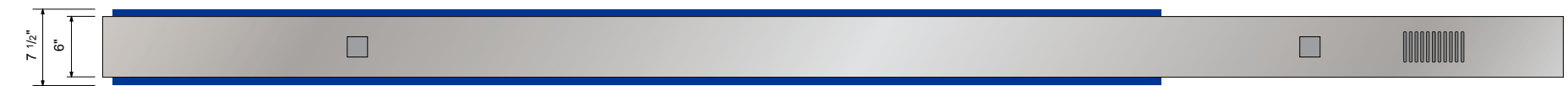
Configuration
1 or 2 faces.

Message
Static message of cut vinyl copy applied to first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

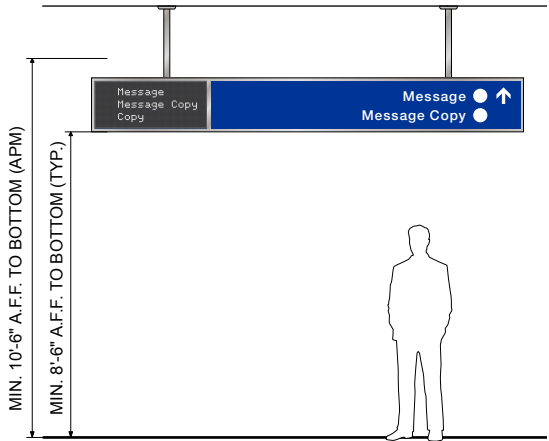
Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

Font
Helvetica Neue 65 Medium



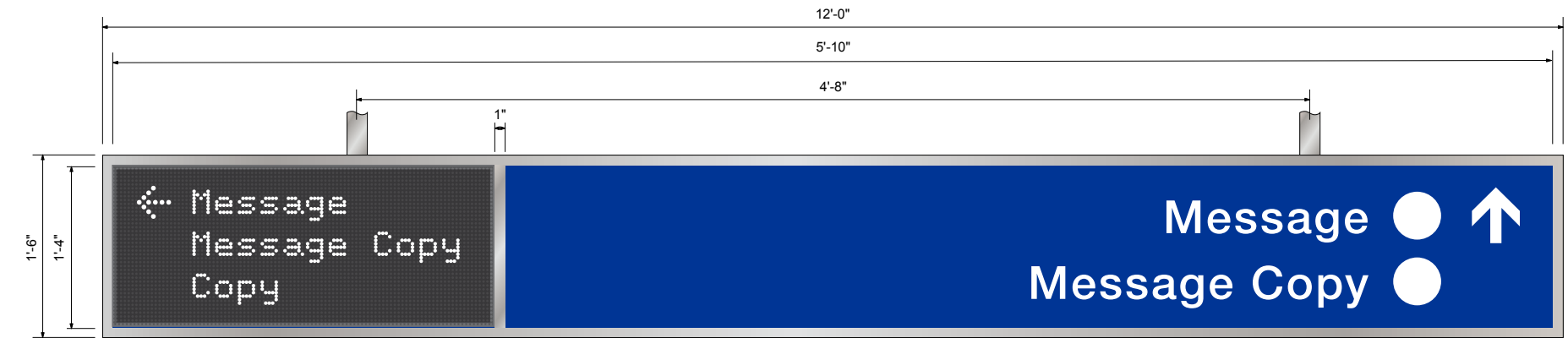
1 TOP VIEW



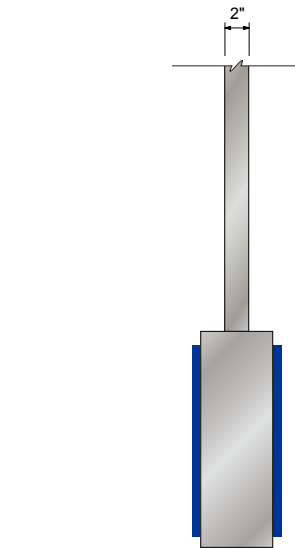
4 CONTEXT ELEVATION



2 FACE VIEW



3 REAR VIEW



5 SIDE VIEW

B511-SD

CUSTOMER SERVICE SUSPENDED STATIC/ DYNAMIC – 24

Function
Suspended pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces. Integrated internal dynamic display open to back side; LED backlit, LCD per LAWA specifications.

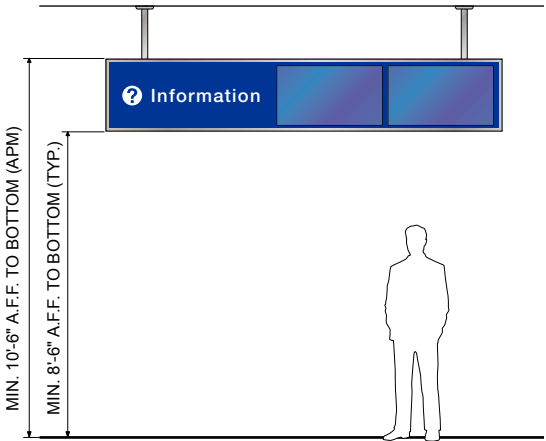
Configuration
1 face.

Message
Static message of cut vinyl copy applied to first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

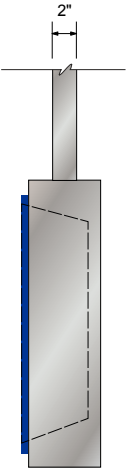
Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

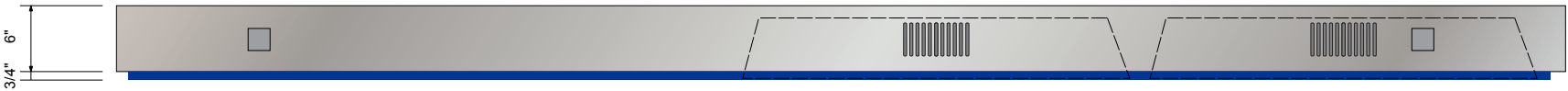
Font
Helvetica Neue 65 Medium



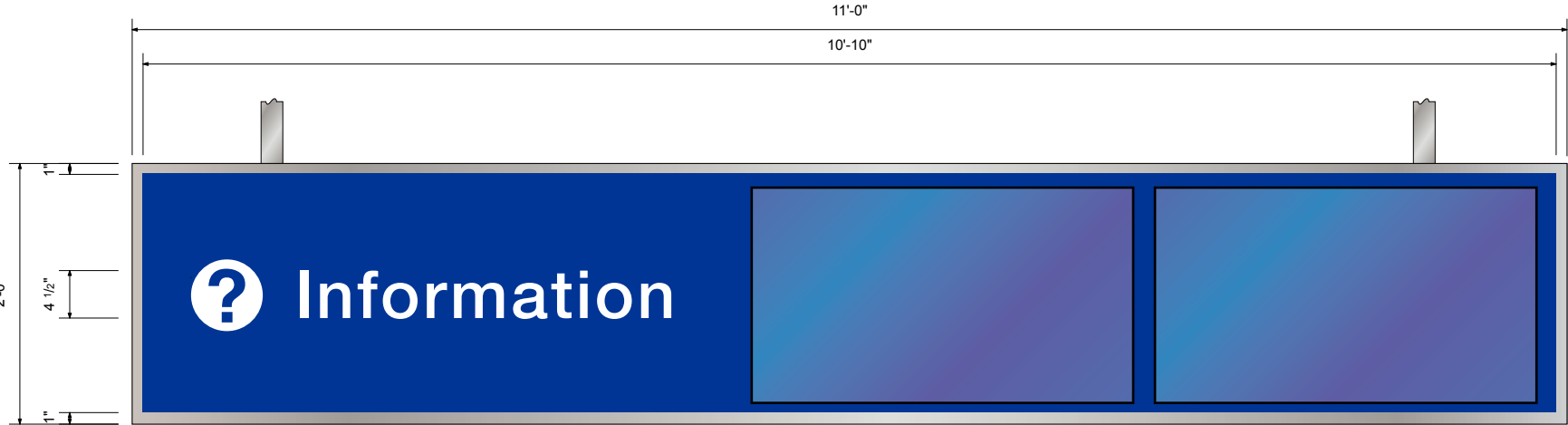
3 CONTEXT ELEVATION



4 SIDE VIEW



1 TOP VIEW



2 FACE VIEW

B512-S

SUSPENDED PEDESTRIAN DIRECTION – 12

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

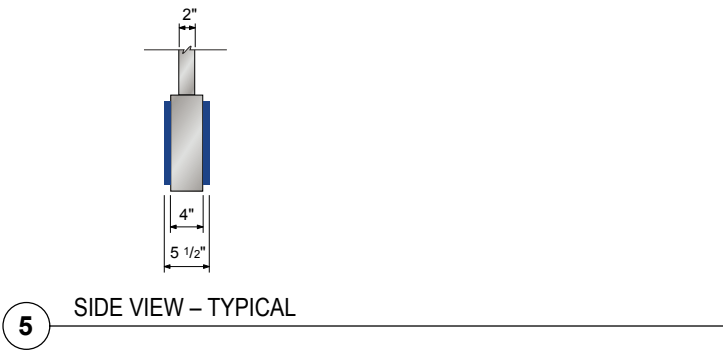
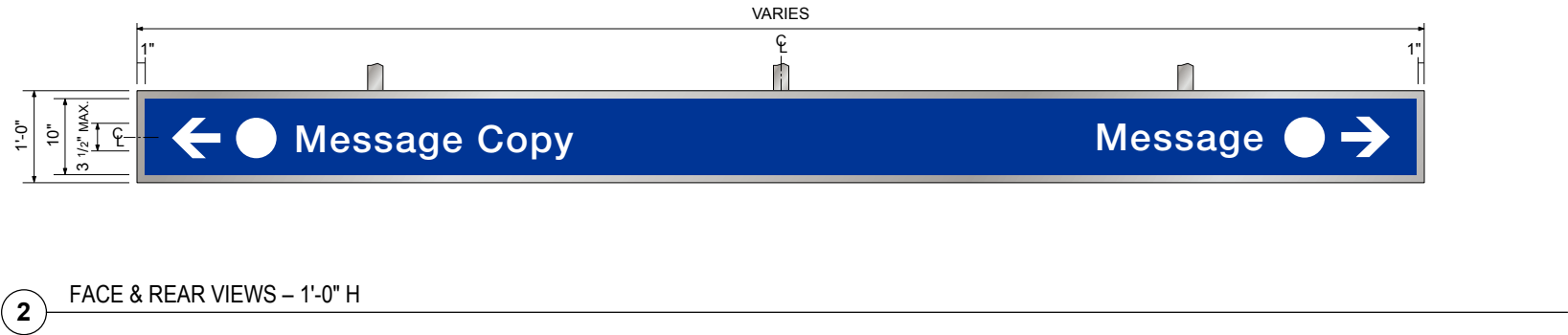
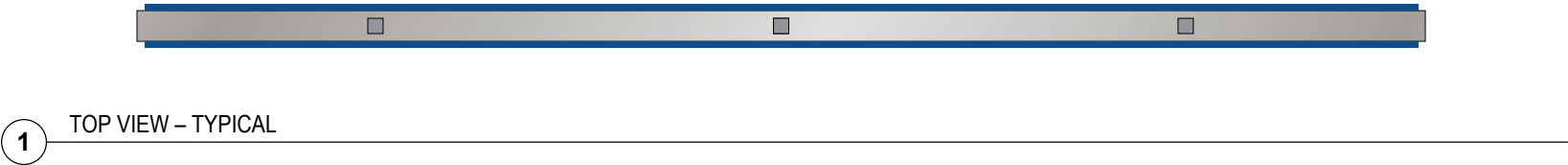
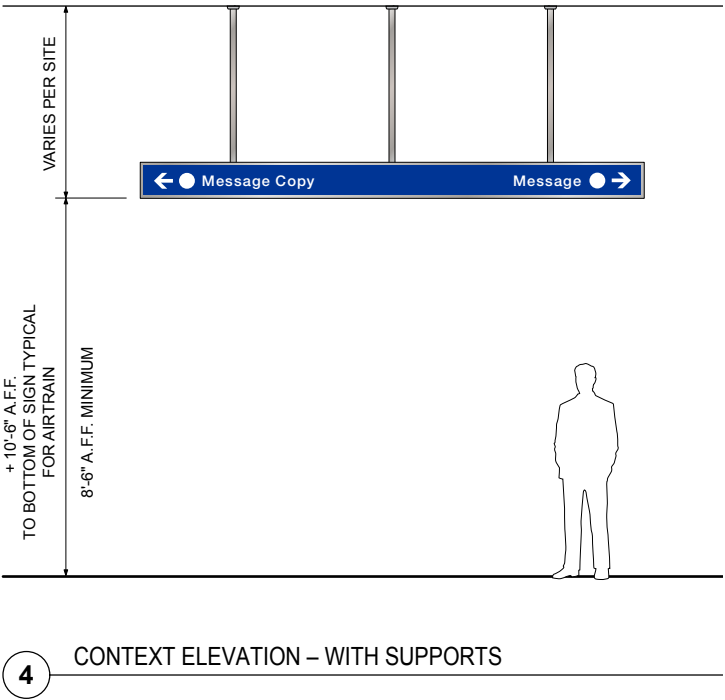
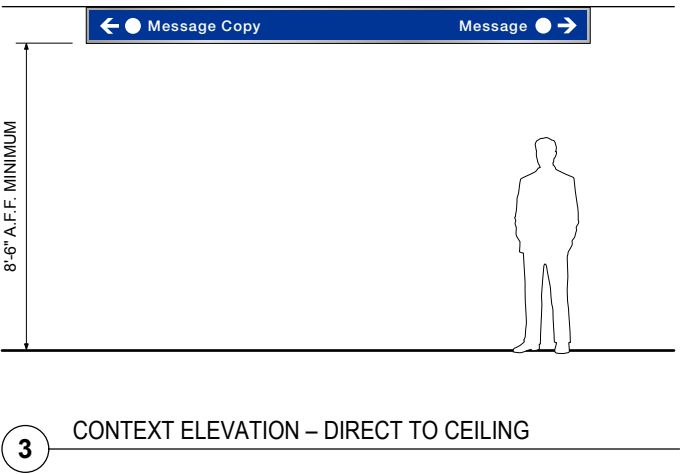
Configuration
1 or 2 faces.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

Font
Helvetica Neue 65 Medium



B513-V

OVERHEAD PEDESTRIAN DIRECTION – 12

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

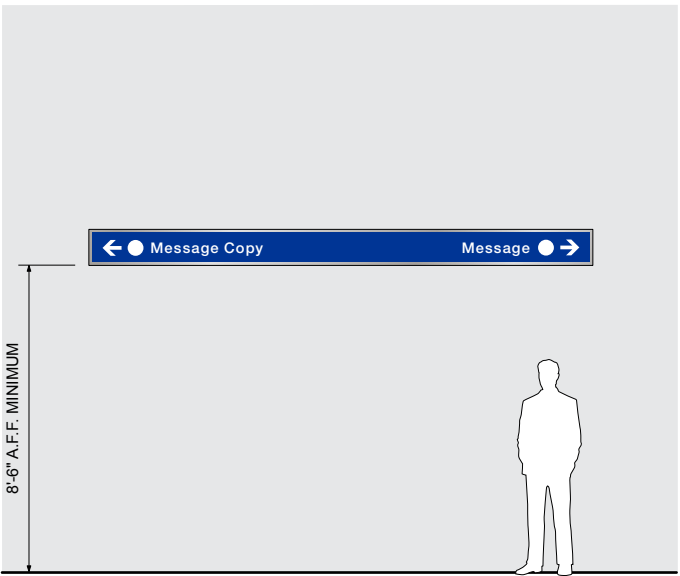
Configuration
1 face.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

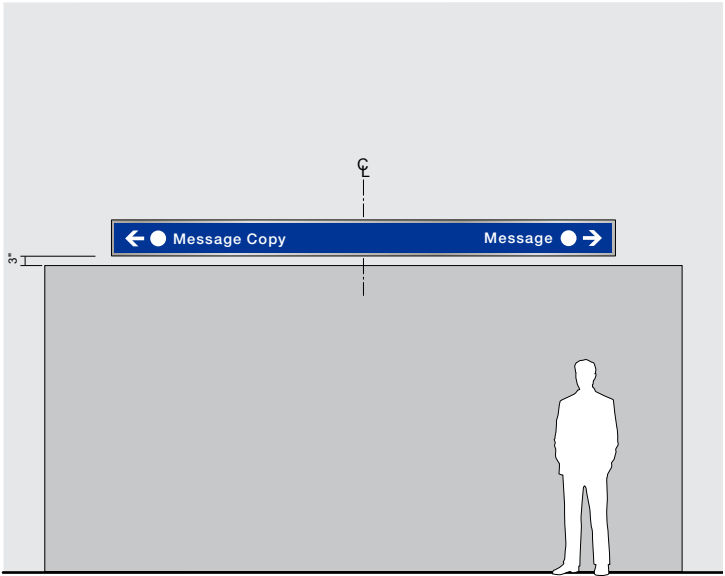
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall structure.

Font
Helvetica Neue 65 Medium



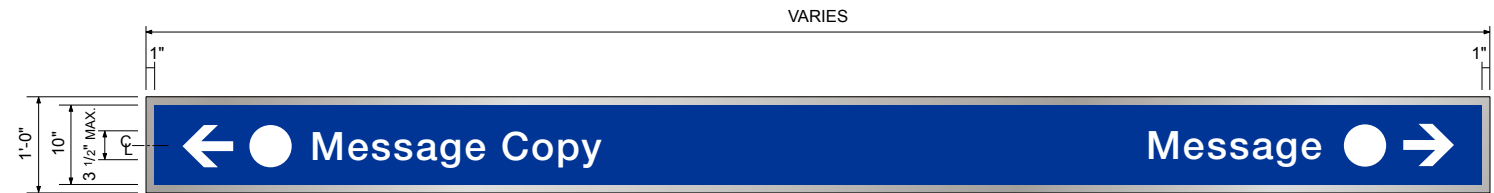
3 CONTEXT ELEVATION – WALL



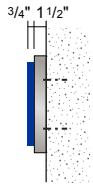
4 CONTEXT ELEVATION – ABOVE PORTAL



1 TOP VIEW – TYPICAL



2 FACE & REAR VIEW – 1'-0" H



5 SIDE VIEW – TYPICAL

B514-S

SUSPENDED PEDESTRIAN DIRECTION – 14

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

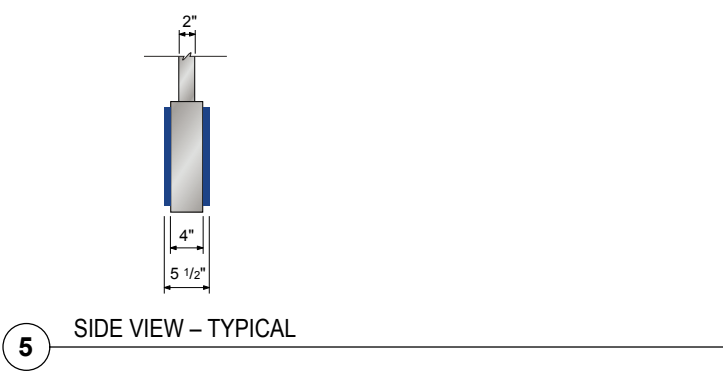
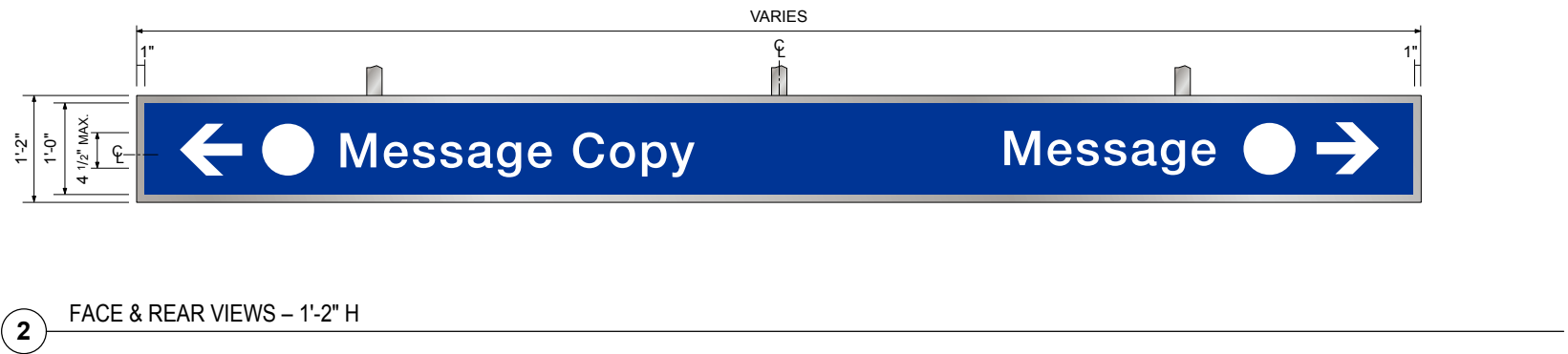
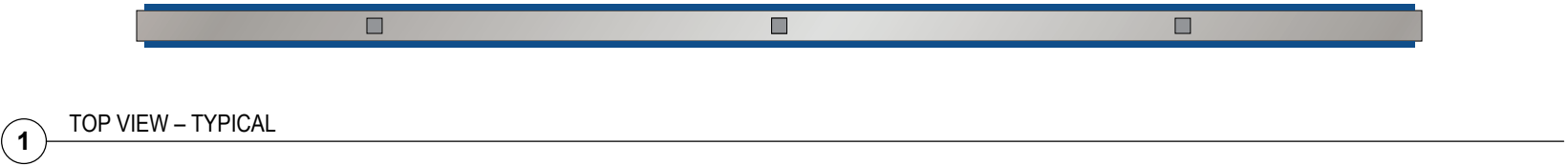
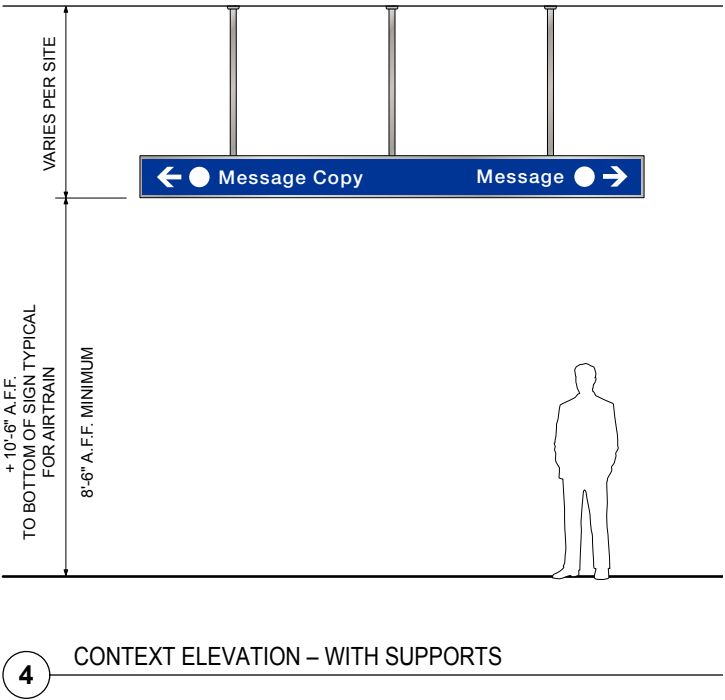
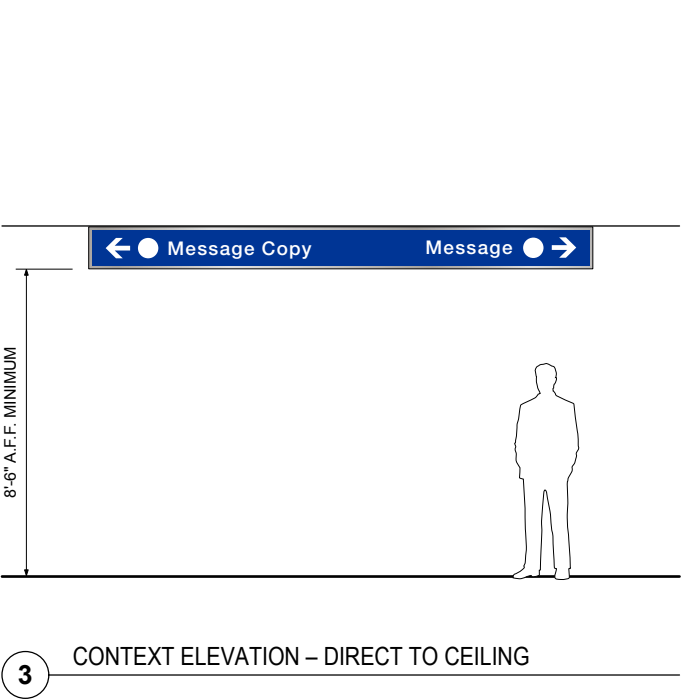
Configuration
1 or 2 faces.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

Font
Helvetica Neue 65 Medium



B515-V

OVERHEAD PEDESTRIAN DIRECTION – 14

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

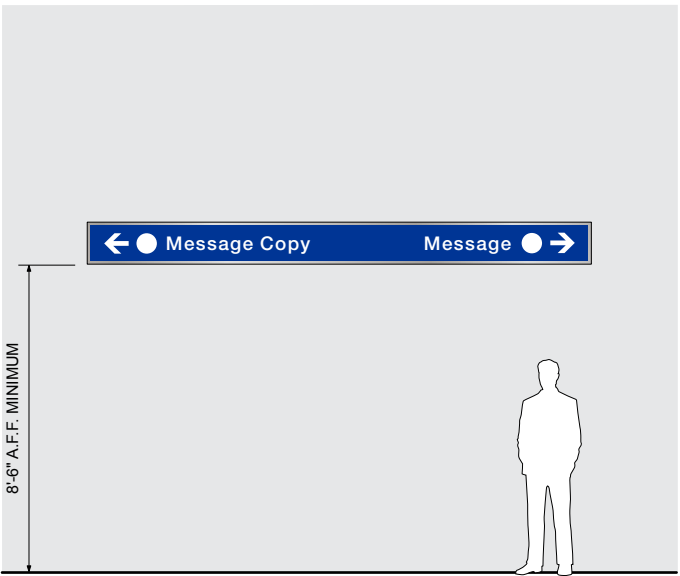
Configuration
1 face.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

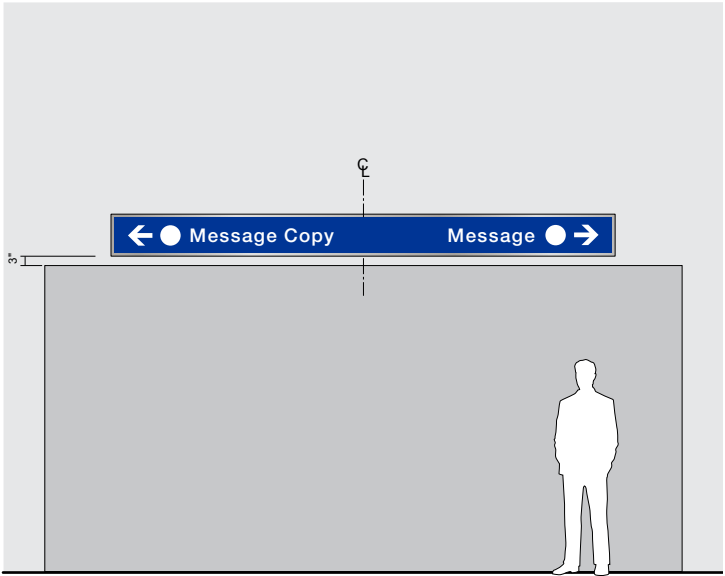
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall structure.

Font
Helvetica Neue 65 Medium



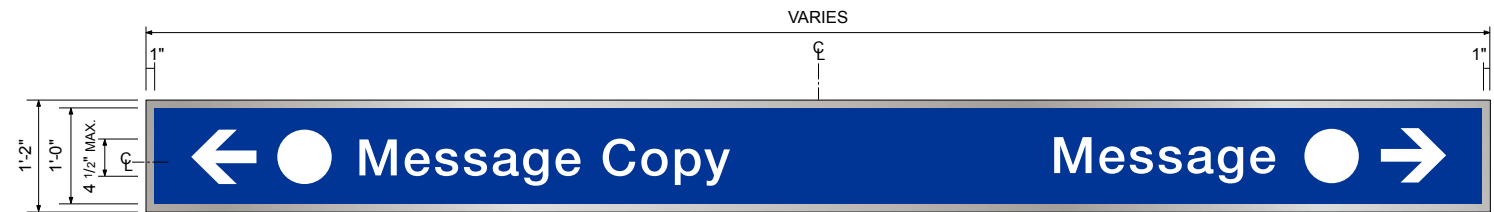
3 CONTEXT ELEVATION – WALL



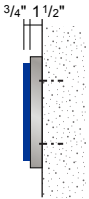
4 CONTEXT ELEVATION – ABOVE PORTAL



1 TOP VIEW – TYPICAL



2 FACE & REAR VIEWS – 1'-2" H



5 SIDE VIEW – TYPICAL

B518-S

SUSPENDED PEDESTRIAN DIRECTION – 18

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

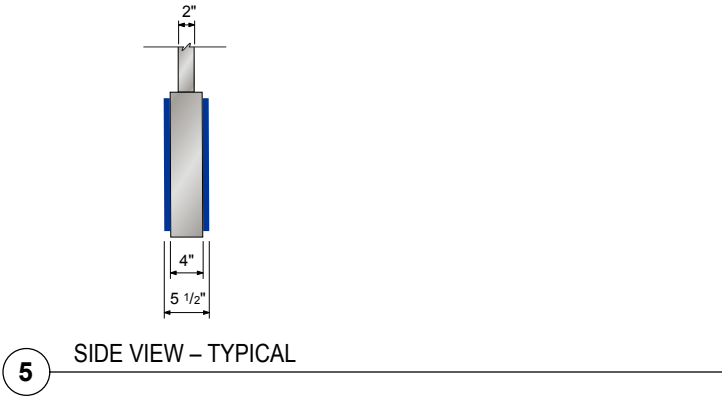
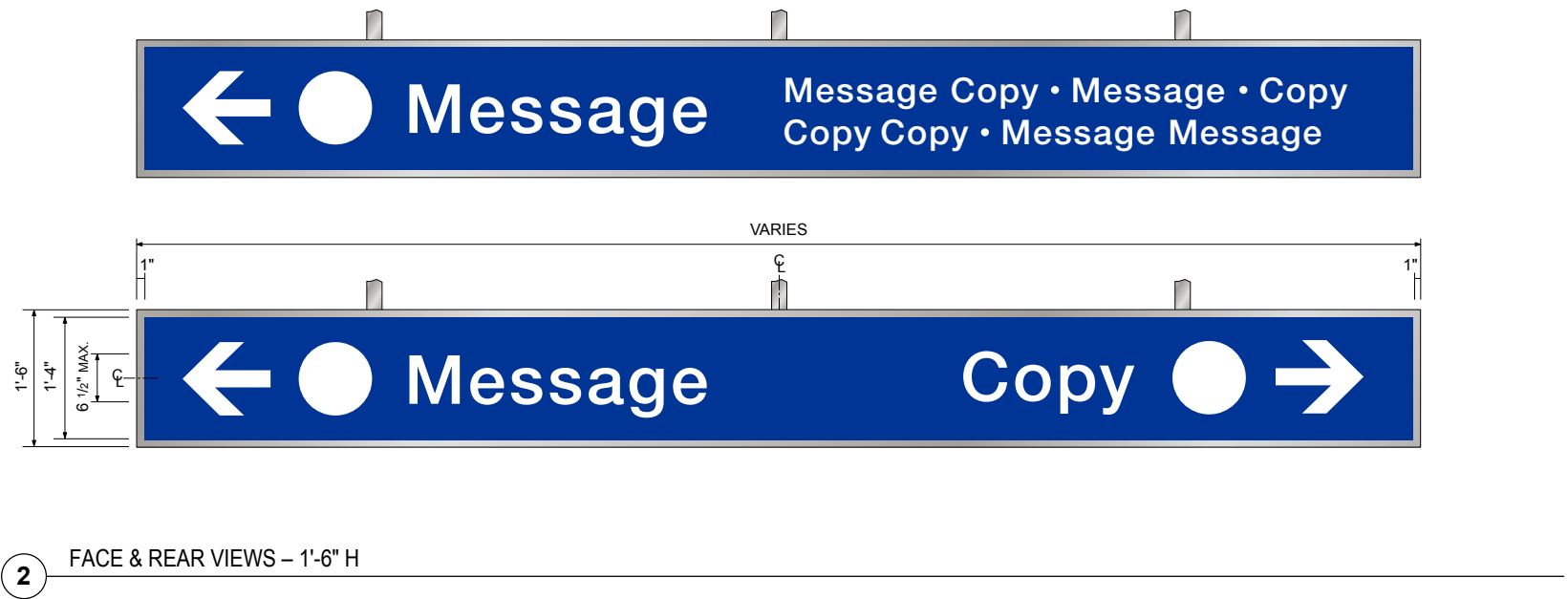
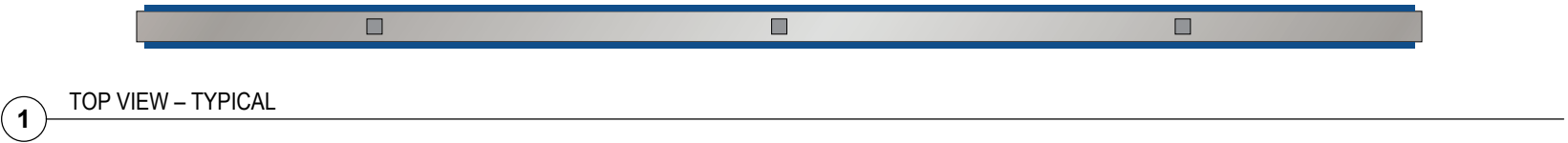
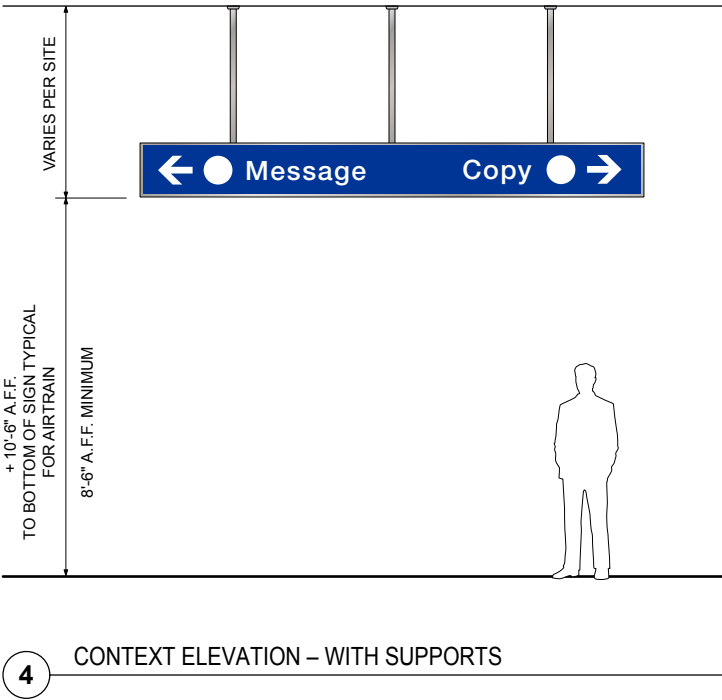
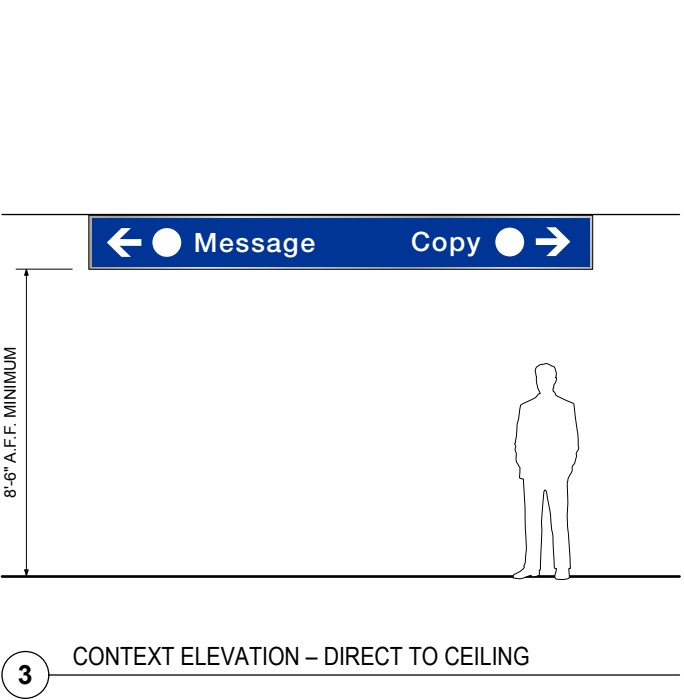
Configuration
1 or 2 faces.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

Font
Helvetica Neue 65 Medium



B519-V

OVERHEAD PEDESTRIAN DIRECTION – 18

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

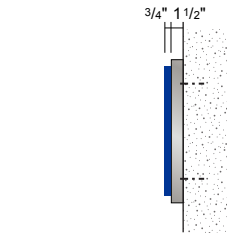
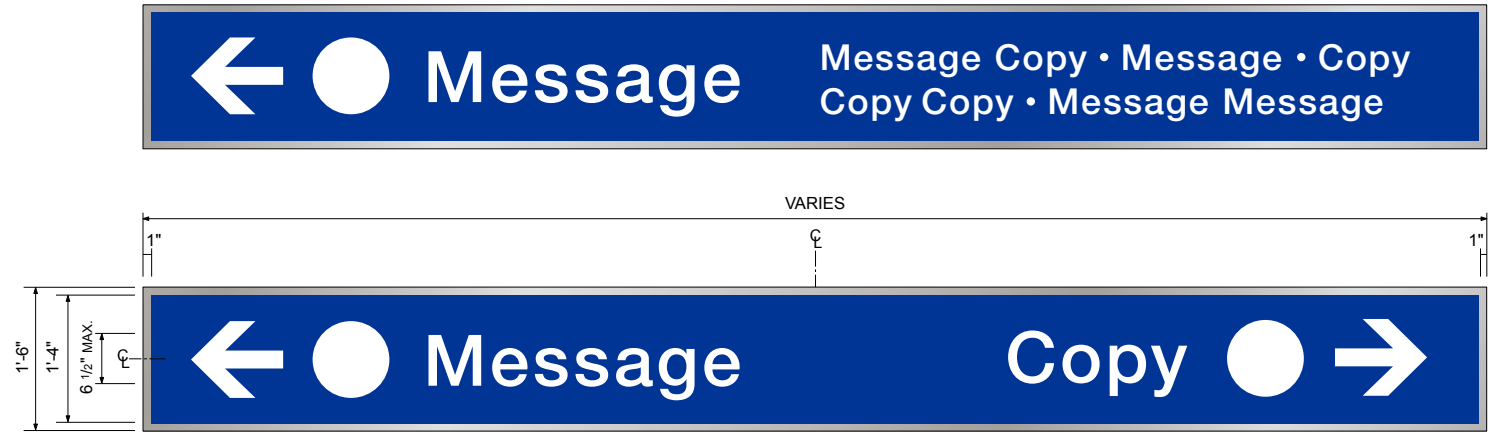
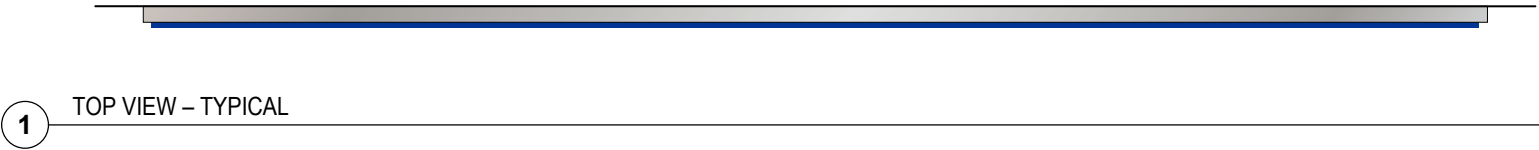
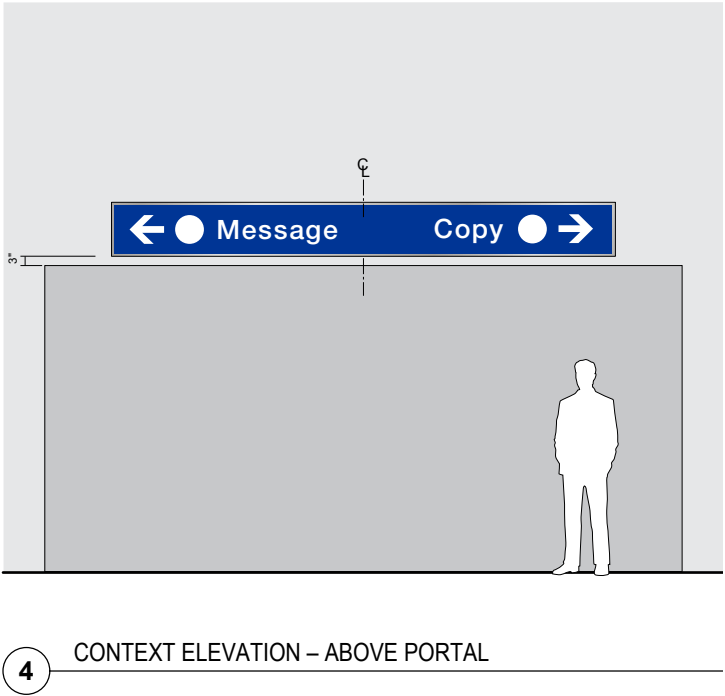
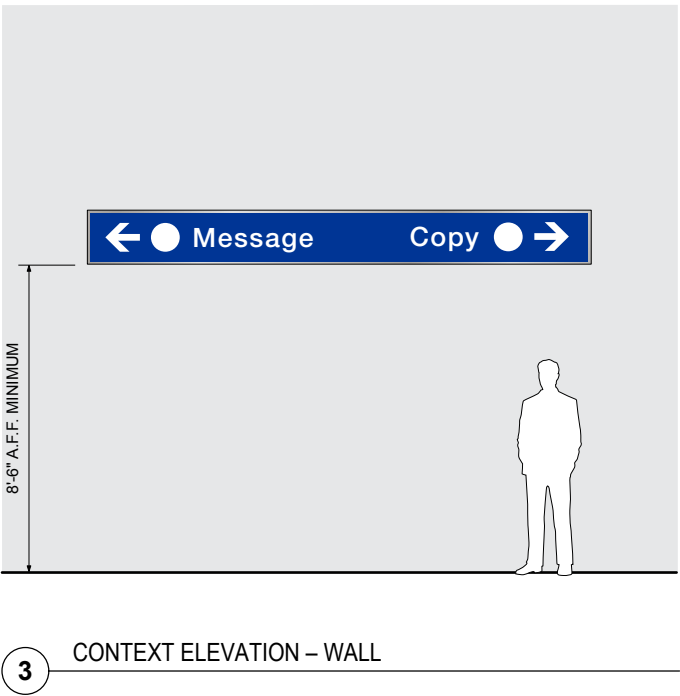
Configuration
1 face.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall structure.

Font
Helvetica Neue 65 Medium

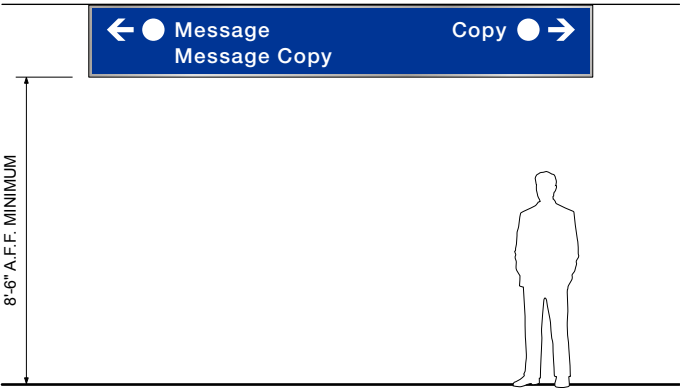


2 FACE & REAR VIEWS – 1'-6" H

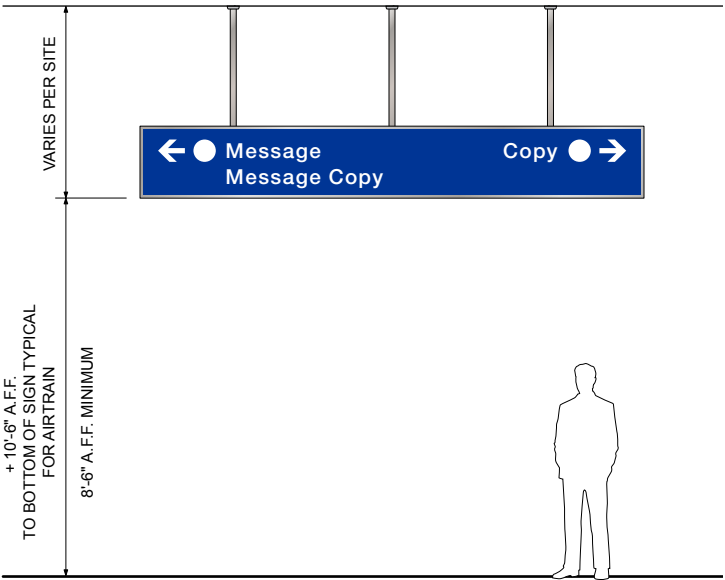
5 SIDE VIEW – TYPICAL

B524-S

SUSPENDED
PEDESTRIAN
DIRECTION – 24



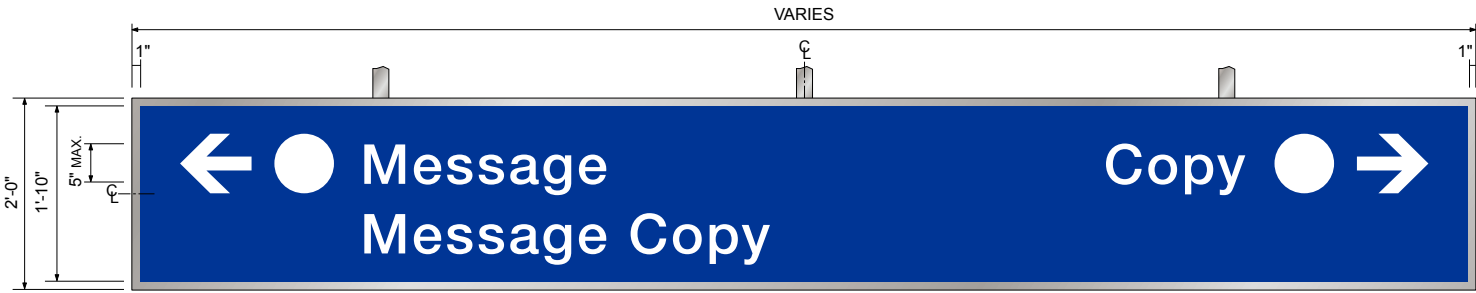
3 CONTEXT ELEVATION – DIRECT TO CEILING



4 CONTEXT ELEVATION – WITH SUPPORTS



1 TOP VIEW – TYPICAL



2 FACE & REAR VIEWS – 2'-0" H



5 SIDE VIEW – TYPICAL

B525-V

OVERHEAD PEDESTRIAN DIRECTION – 24

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

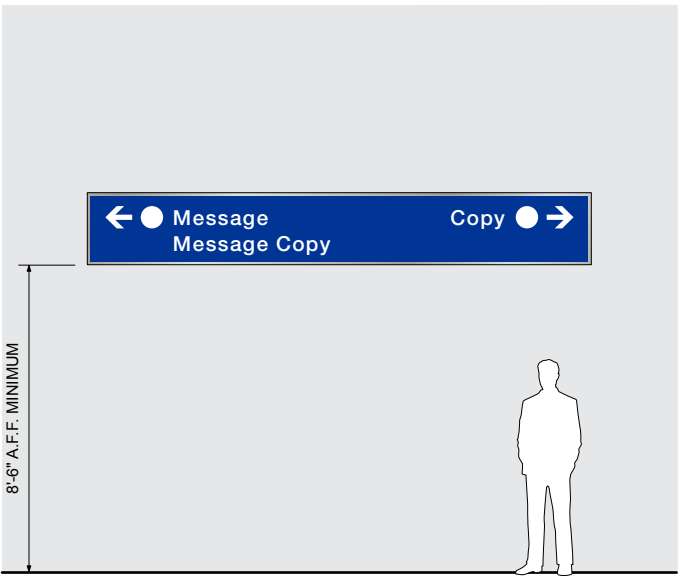
Configuration
1 face.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

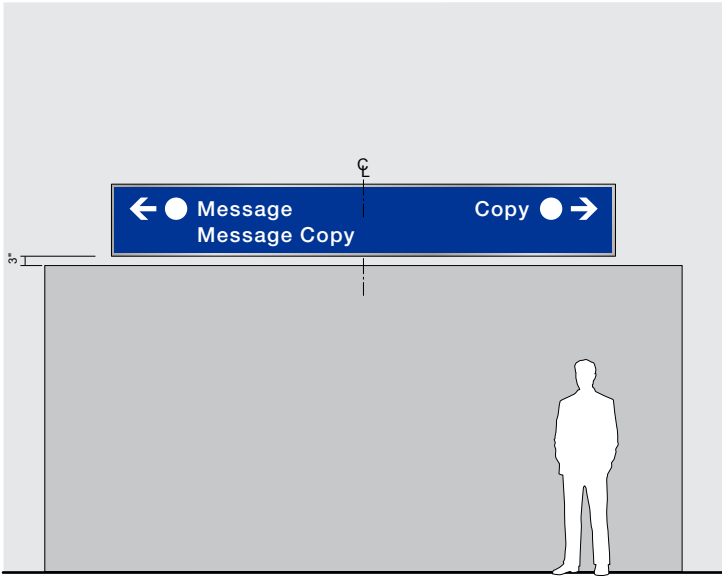
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall structure.

Font
Helvetica Neue 65 Medium



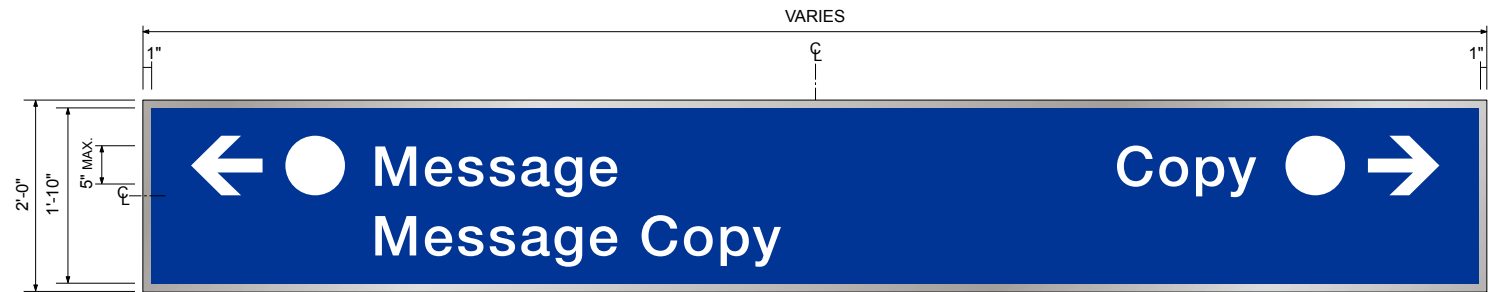
3 CONTEXT ELEVATION – WALL



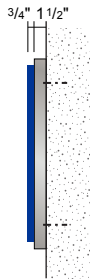
4 CONTEXT ELEVATION – ABOVE PORTAL



1 TOP VIEW – TYPICAL



2 FACE & REAR VIEWS – 2'-0" H



5 SIDE VIEW – TYPICAL

B530-S

SUSPENDED PEDESTRIAN DIRECTION – 30

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

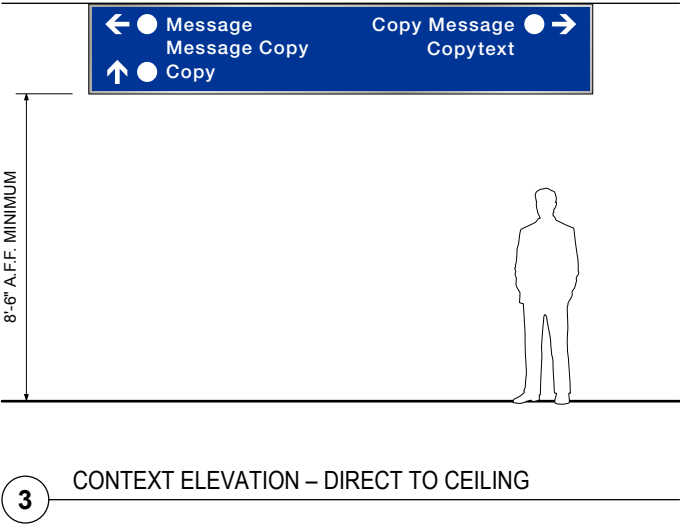
Configuration
1 or 2 faces.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

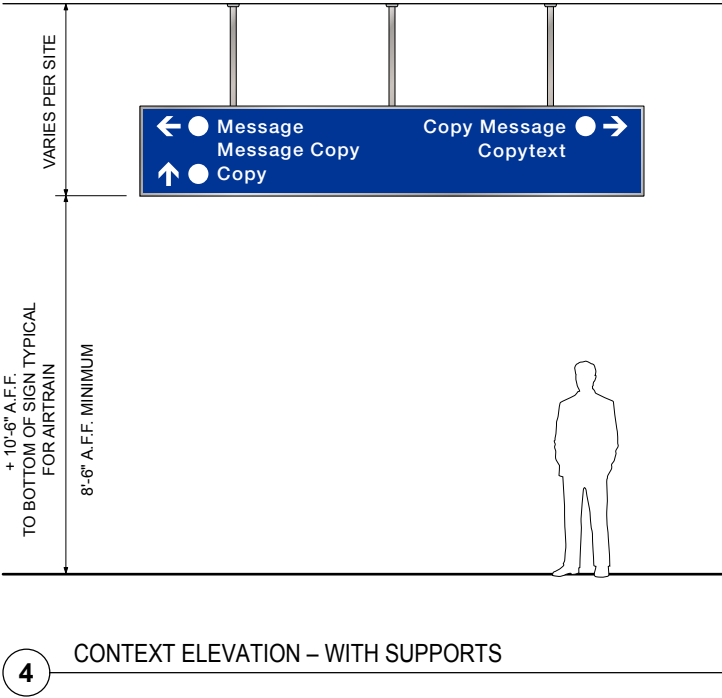
Illumination
Non-illuminated.

Mounting
Suspended from overhead structure with 3/4" diameter threaded galvanized steel tube inside 2" square aluminum sleeve; #4 horizontal brush finish.

Font
Helvetica Neue 65 Medium



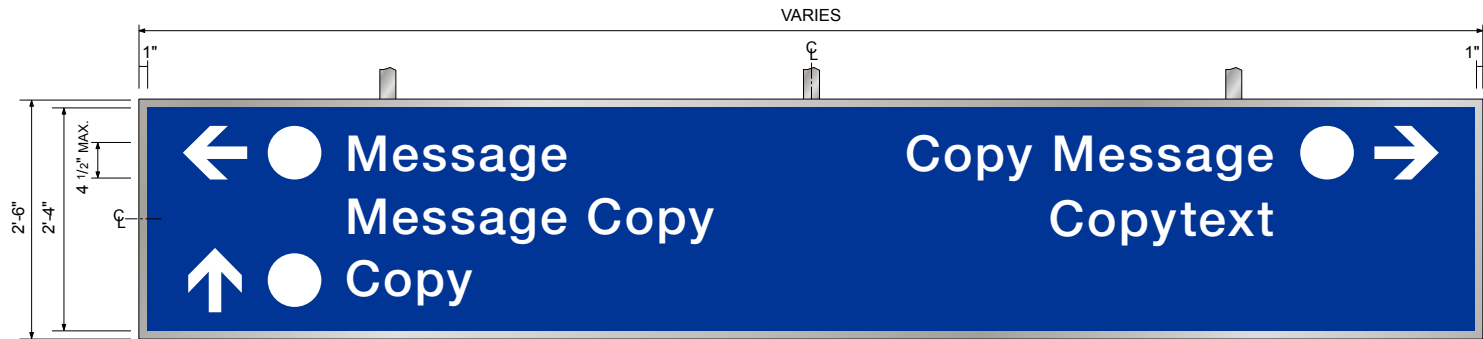
3 CONTEXT ELEVATION – DIRECT TO CEILING



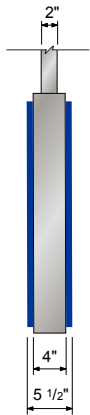
4 CONTEXT ELEVATION – WITH SUPPORTS



1 TOP VIEW – TYPICAL



2 FACE & REAR VIEWS – 2'-6" H



5 SIDE VIEW – TYPICAL

B531-V

OVERHEAD PEDESTRIAN DIRECTION – 30

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Fabricated cabinet frame of quality stainless steel; #4 horizontal brush finish. 3/4" deep removable formed pan face of 1/8" thick aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

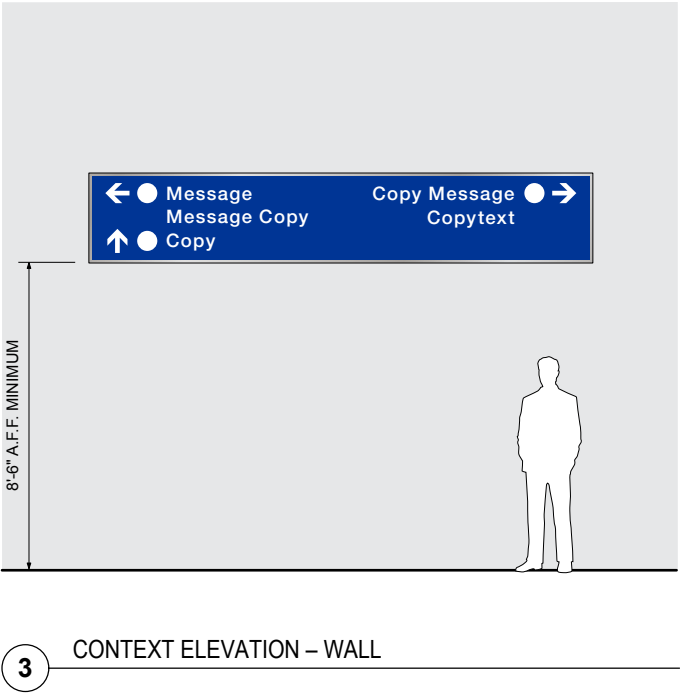
Configuration
1 face.

Message
Cut vinyl copy applied to first surface of message panel; minimum cap height 3". Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

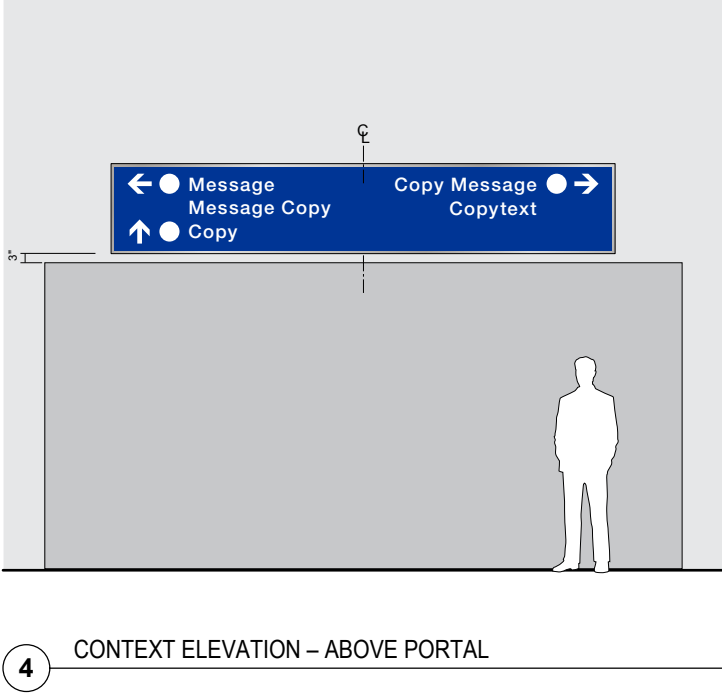
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall structure.

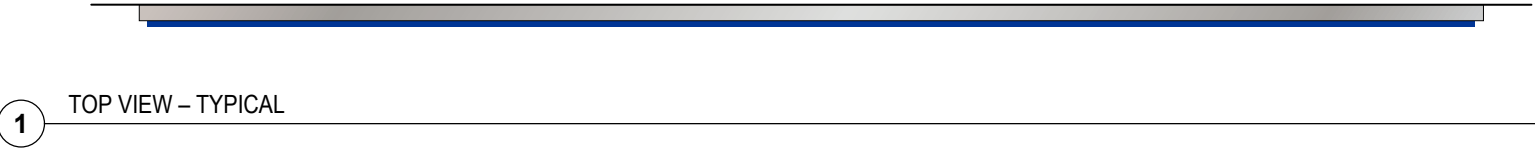
Font
Helvetica Neue 65 Medium



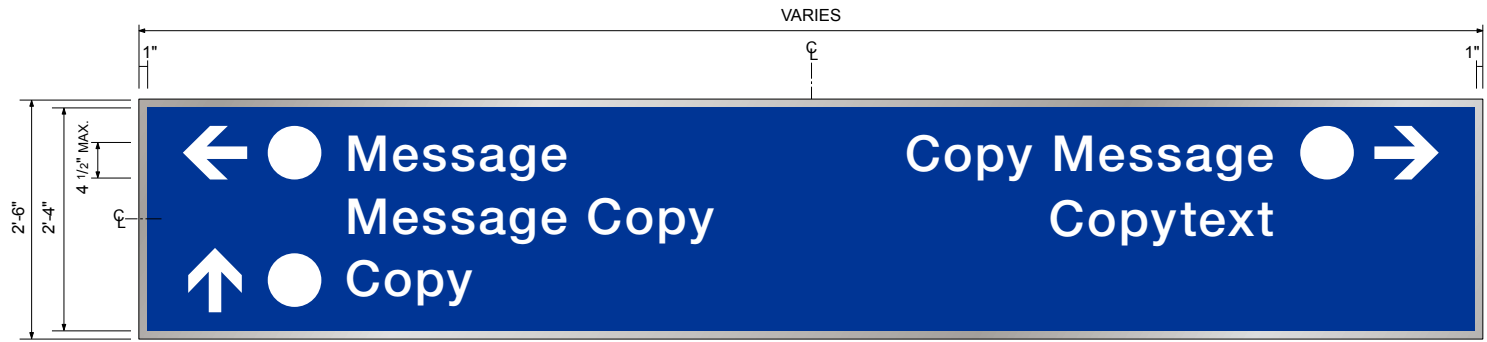
3 CONTEXT ELEVATION – WALL



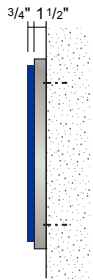
4 CONTEXT ELEVATION – ABOVE PORTAL



1 TOP VIEW – TYPICAL



2 FACE & REAR VIEWS – 2'-6" H



5 SIDE VIEW – TYPICAL

B533-GLD

TERMINAL 4-SIDED PYLON

DIRECTION SIGNAGE – INTERIOR

Function
Pedestrian direction sign.

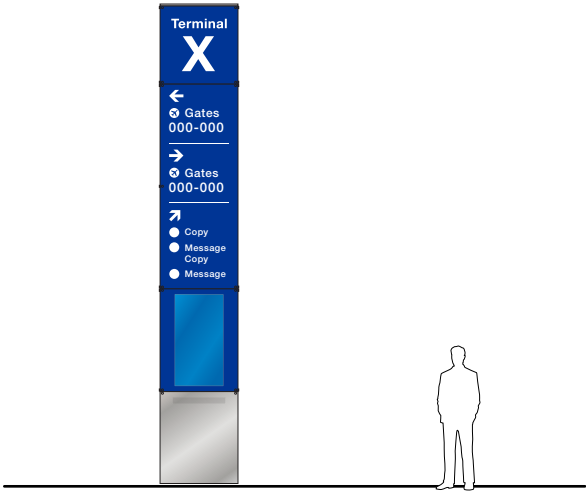
Location
At key wayfinding areas.

Material & Construction
Fabricated sign cabinet of quality stainless steel; #4 horizontal brush finish. Removable message panels of .080 gauge aluminum with concealed fasteners; painted. (4) integrated 46" dynamic displays; back-lit LED monitors with ultra thin bezel per LAWA specifications. Anti-graffiti satin clear coat on all painted surfaces.

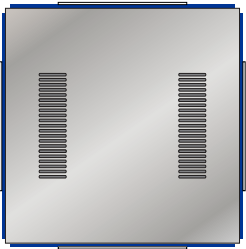
Configuration
4 faces.

Message
Static dimensional push-thru header copy of 1/4" thick translucent white acrylic; static directional copy of cut vinyl applied to first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Internal illumination through face and returns of dimensional header copy by LED array.



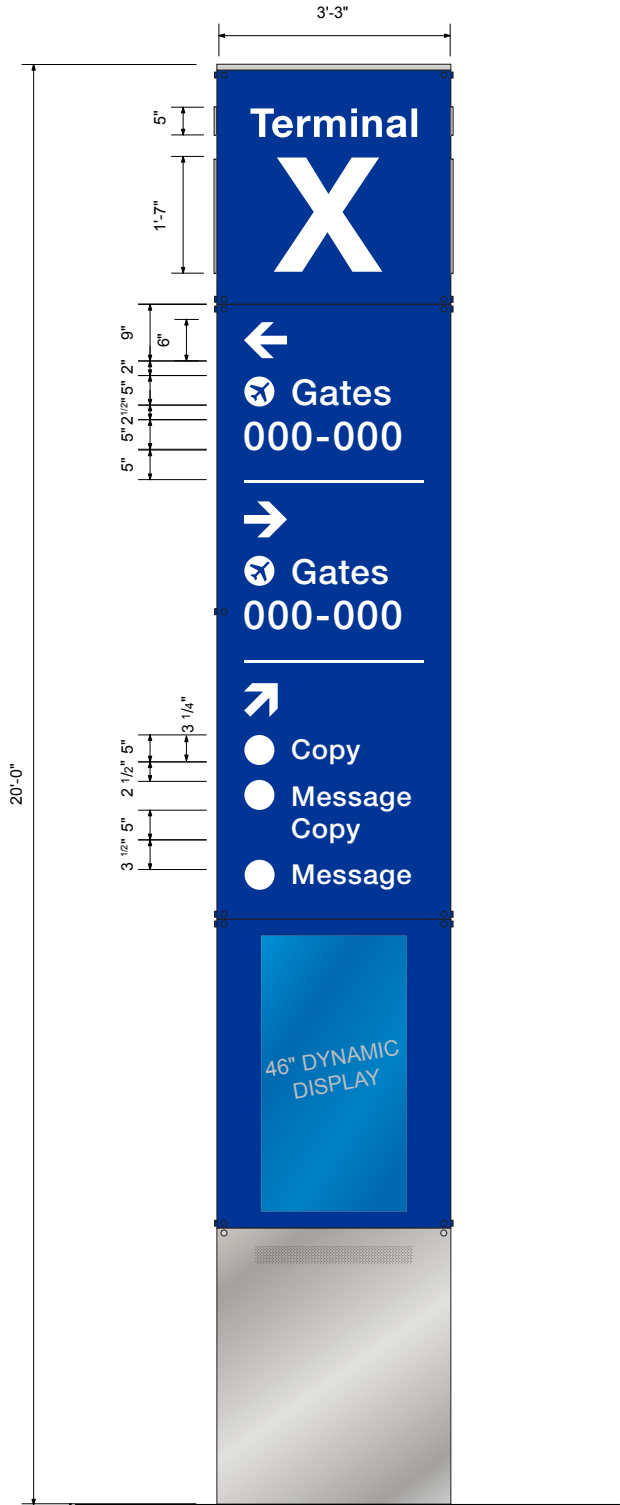
4 CONTEXT ELEVATION



3 TOP VIEW

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 85 Heavy
Helvetica Neue 75 Bold
Helvetica Neue 65 Medium



1 FACE VIEW



2 SIDE VIEW

INFORMATION SIGNAGE

Refer to Section 4, Graphic Standards for typography, colors, and message guidelines.

Refer to the General Performance Specifications in Section 8, Reference Information for particular LAWA approved materials.



C100-GD

AIRTRAIN PYLON – LARGE

INFORMATION SIGNAGE – EXTERIOR

Function
Pedestrian information sign.

Location
At key AirTrain areas.

Material & Construction
Fabricated sign cabinet of quality stainless steel; #4 horizontal brush finish. Painted message area. (2) integrated internal dynamic displays; 46" color LCD per LAWA specifications.

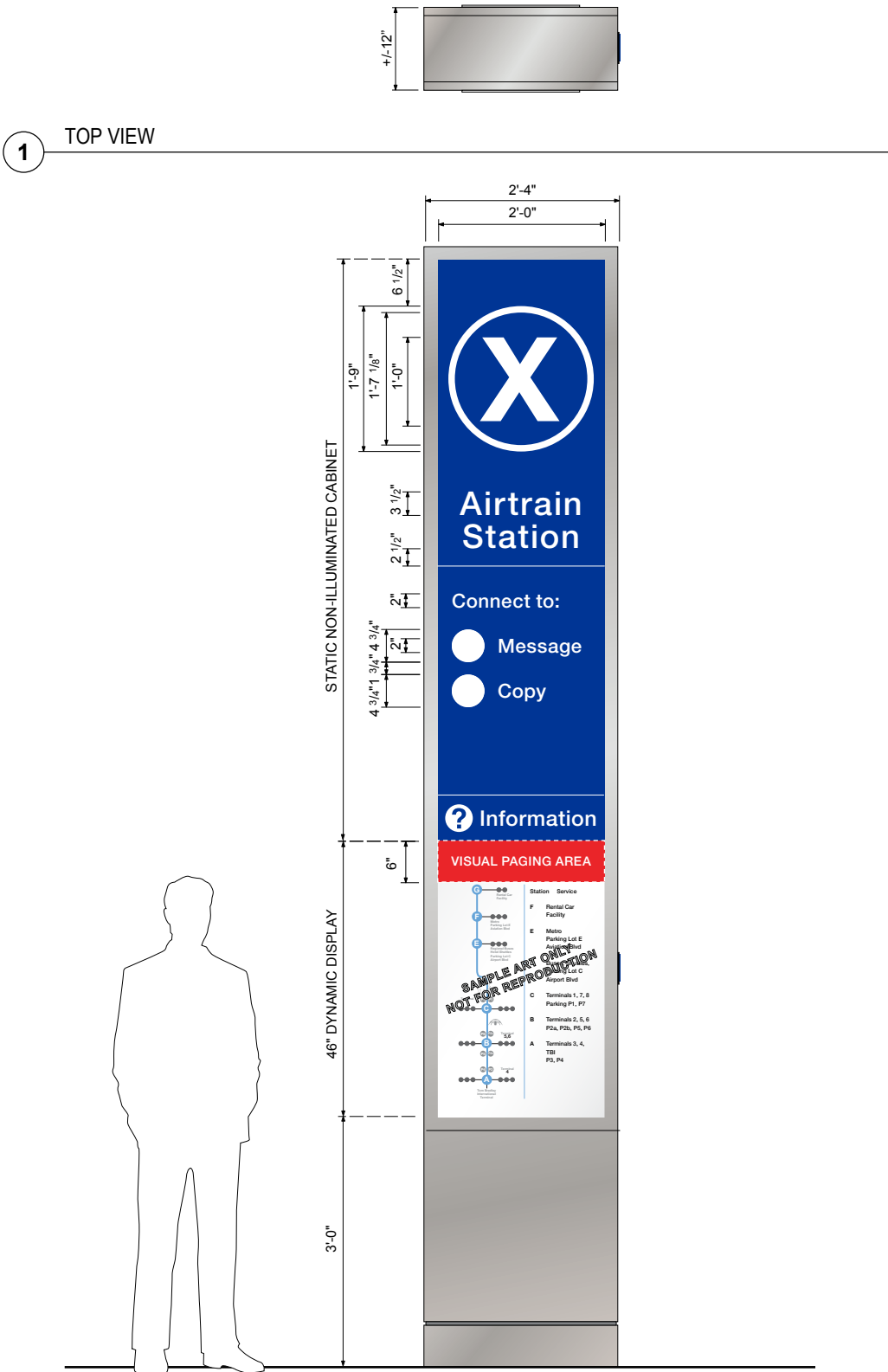
Configuration
2 faces.

Message
Static dimensional header copy of 1/4" thick flatcut acrylic; static directional copy of cut vinyl applied to first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Tactile copy per ADA requirements; refer to sign type D501-V. Message verbiage must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

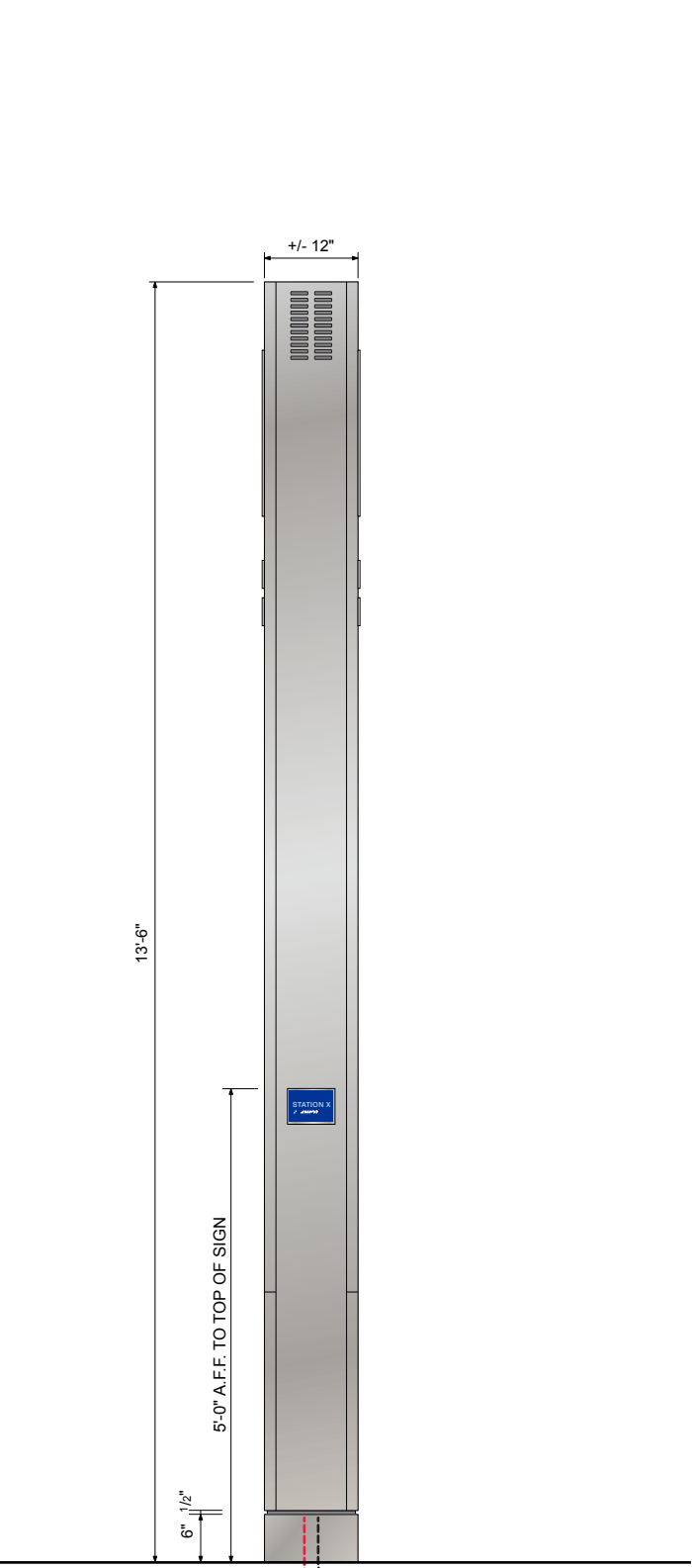
Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 55 Roman
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold

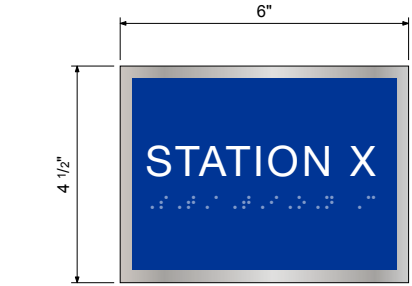


1 TOP VIEW

2



3 SIDE VIEW



4 D501-V (ADA TACTILE IDENTIFICATION)

C101-GD

AIRTRAIN PYLON – SMALL

INFORMATION SIGNAGE – EXTERIOR

Function
Pedestrian information sign.

Location
At key shuttle areas.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish. Painted message area. (2) integrated internal dynamic displays; 46" color LCD per LAWA specifications.

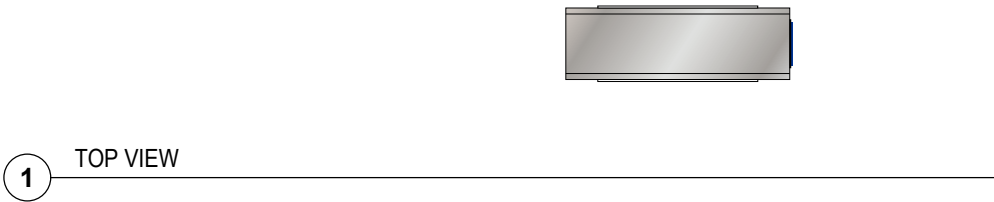
Configuration
2 faces.

Message
Static dimensional copy of 1/4" thick flatcut acrylic. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Tactile copy per ADA requirements; refer to sign type D501-V. Message verbiage must be approved by the LAWA Signage & Graphics Manager.

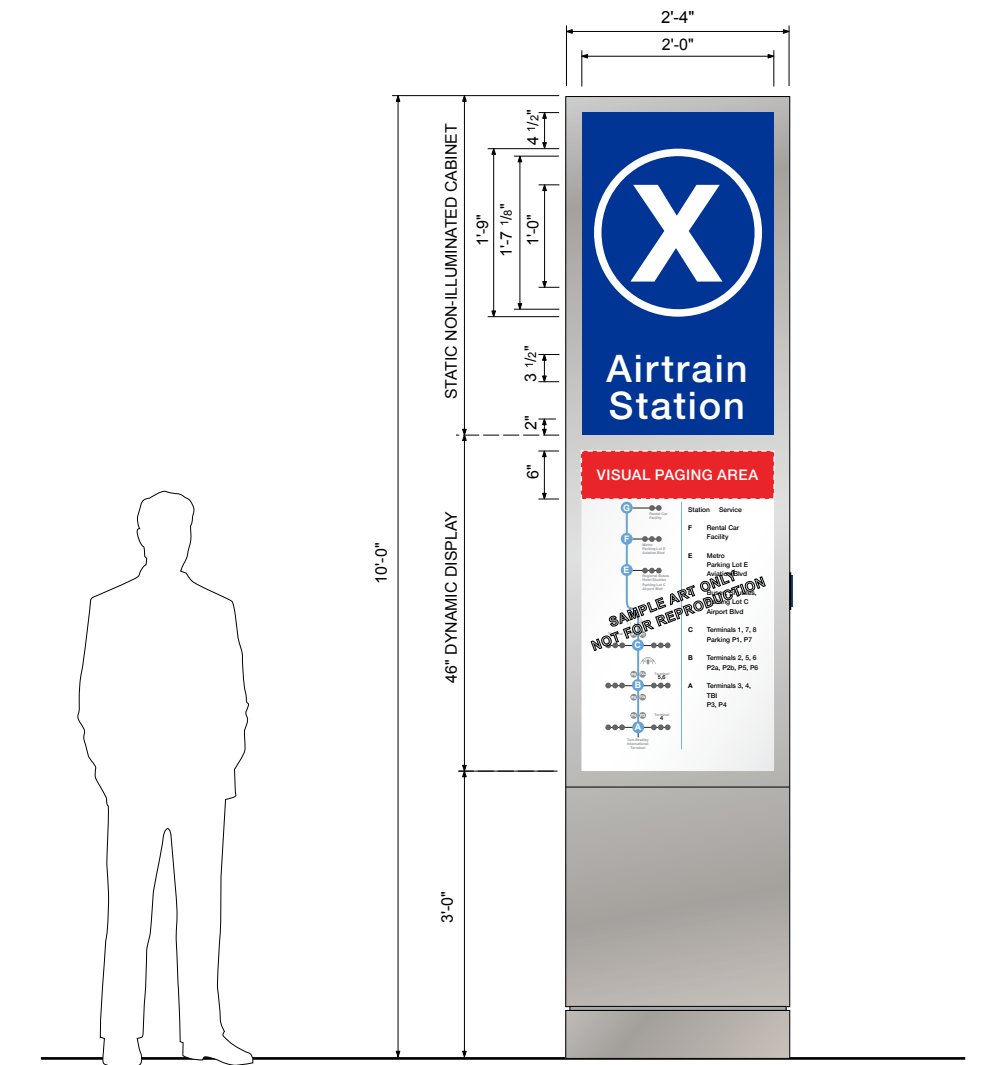
Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

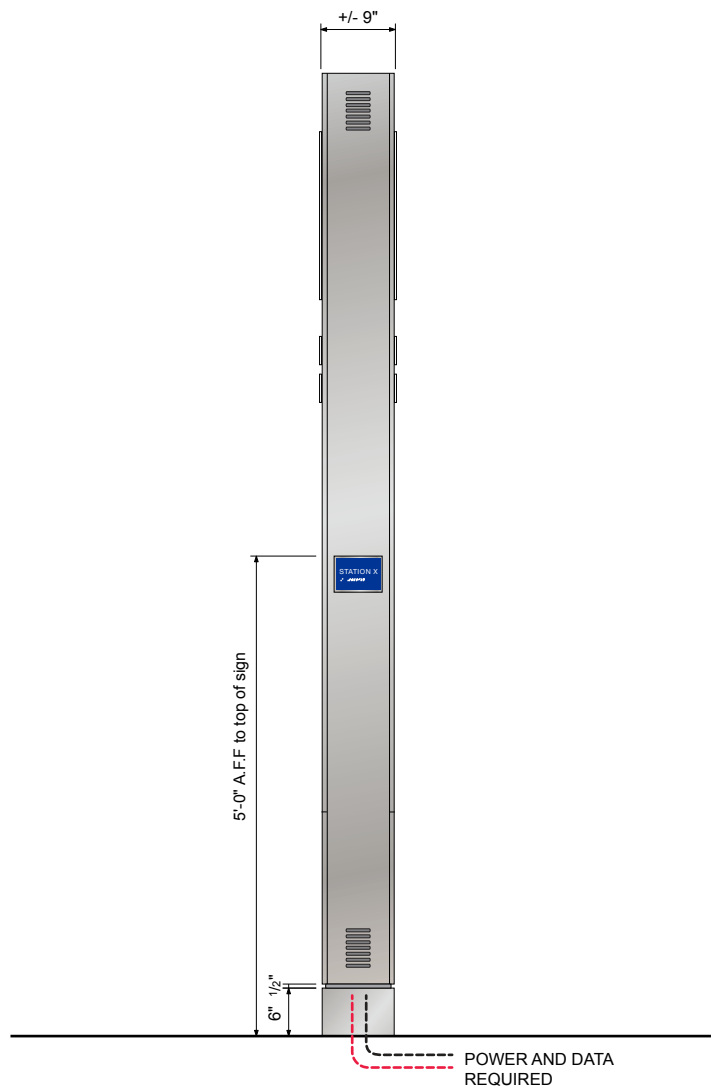
Fonts
Helvetica Neue 55 Roman
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



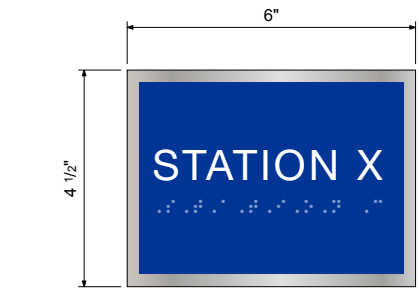
1 TOP VIEW



2 FRONT & REAR VIEW



3 SIDE VIEW



4 D501-V (ADA TACTILE IDENTIFICATION)

C102-GD

AIRTRAIN PLATFORM PYLON – SMALL

INFORMATION SIGNAGE – EXTERIOR

Function
Pedestrian information sign.

Location
At key shuttle areas.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish. 3/4" deep aluminum pan message area; painted. (2) integrated internal dynamic displays; 48" color LCD per LAWA specifications. Removable static information panels; blind mount.

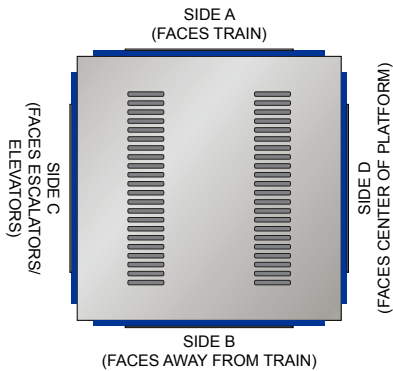
Configuration
4 faces.

Message
Static dimensional header copy of 1/4" thick flatcut acrylic. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Tactile copy per ADA requirements; refer to sign type D501-V. Message verbiage must be approved by the LAWA Signage & Graphics Manager..

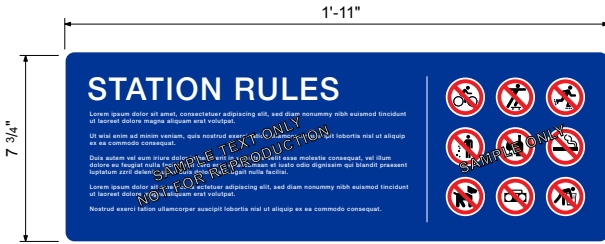
Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

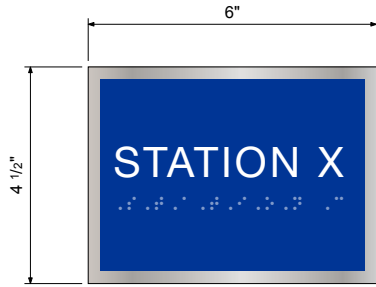
Fonts
Helvetica Neue 55 Roman
65 Medium, 75 Bold



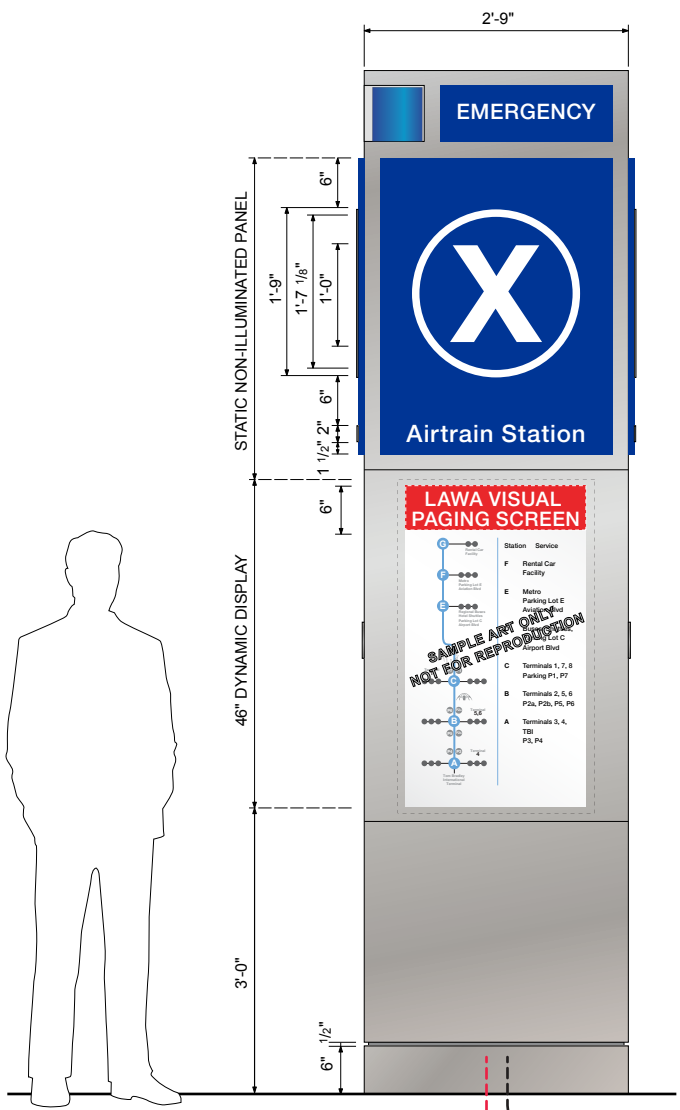
2 TOP VIEW



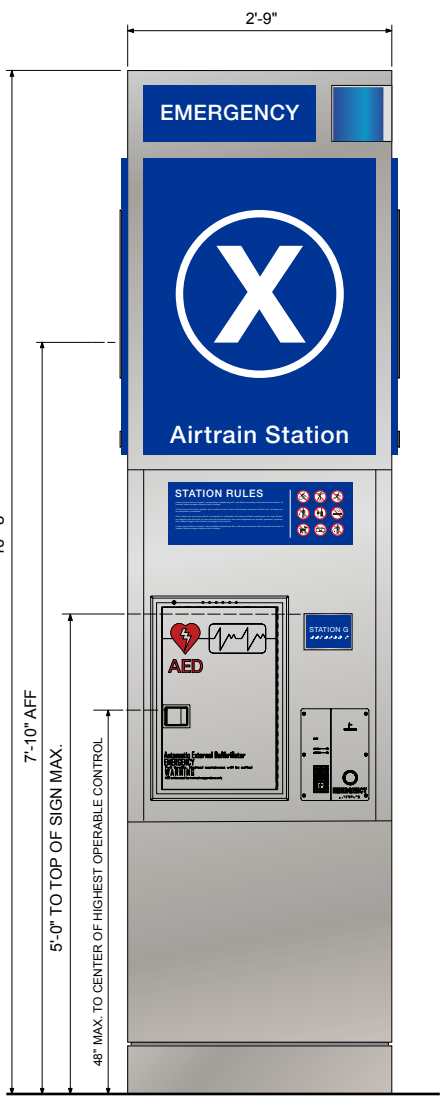
4 D116-V STATION RULES PLAQUE



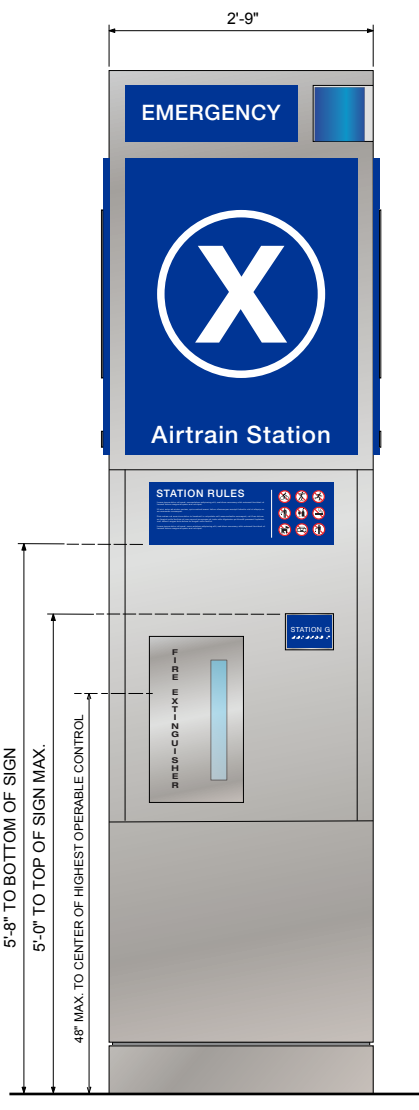
6 D501-V (ADA TACTILE IDENTIFICATION)



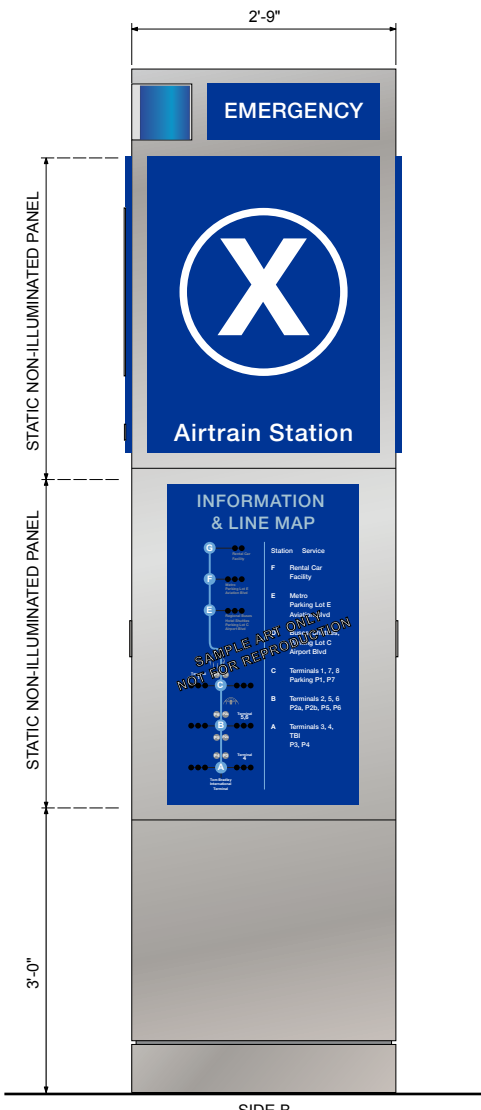
1 SIDE A & SIDE B ELEVATIONS (FACES TRAINS)



3 SIDE C ELEVATION (FACES ELEVATORS)



5 SIDE D ELEVATION (FACES PLATFORM)



7 SIDE B ALTERNATE (WCTA, CONRAC)

C103-GD

AIRTRAIN FLIGHT INFORMATION DISPLAY

INFORMATION SIGNAGE – EXTERIOR

Function
Pedestrian information sign.

Location
At key wayfinding decision points.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish on all faces. Painted header message area. Integrated internal dynamic display; 55" back-lit monitors with ultra thin bezel per LAWA specifications.

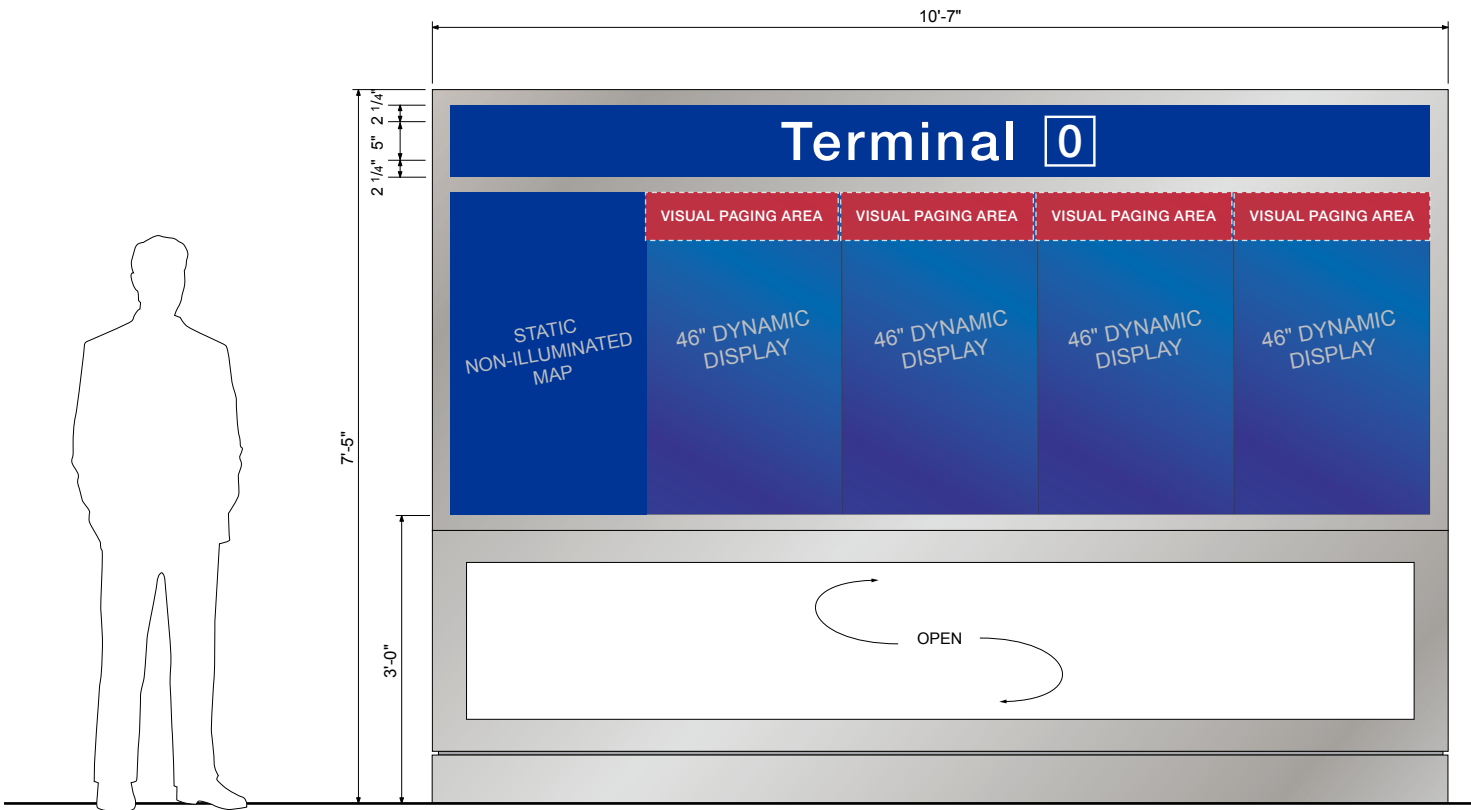
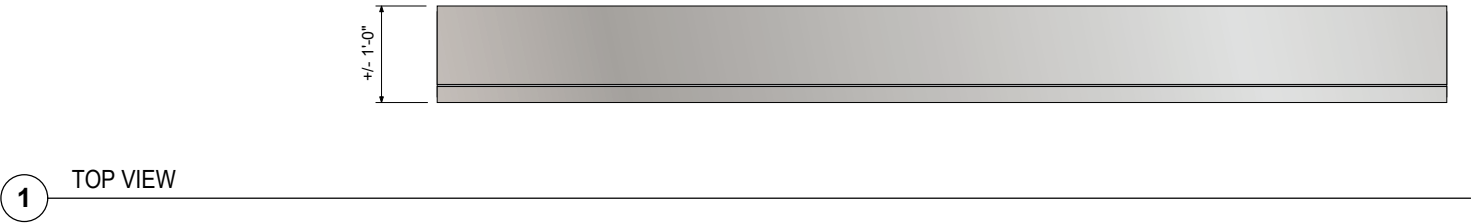
Configuration
1 face.

Message
Direct-to-surface printing header copy on first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font
Helvetica Neue 65 Medium



2 FACE VIEW



3 SIDE VIEW

C105-GD

AIRTRAIN DIGITAL INFORMATION DISPLAY

INFORMATION SIGNAGE – EXTERIOR

Function
Pedestrian information sign.

Location
At Airtrain station plaza level.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish on all faces. Painted header message area. Integrated internal dynamic displays; 46" color LCD per LAWA specifications.

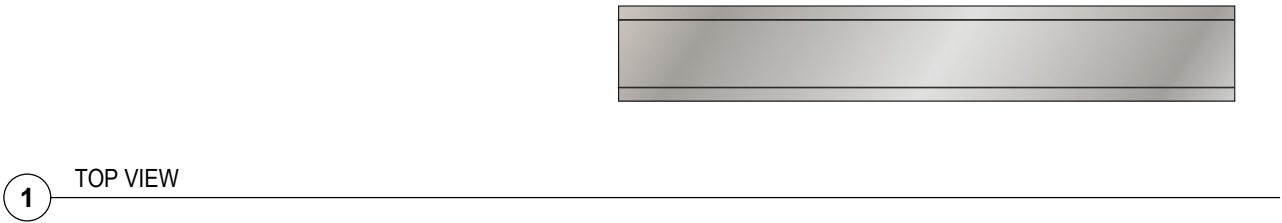
Configuration
1 or 2 faces.

Message
Direct-to-surface printing header copy on first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

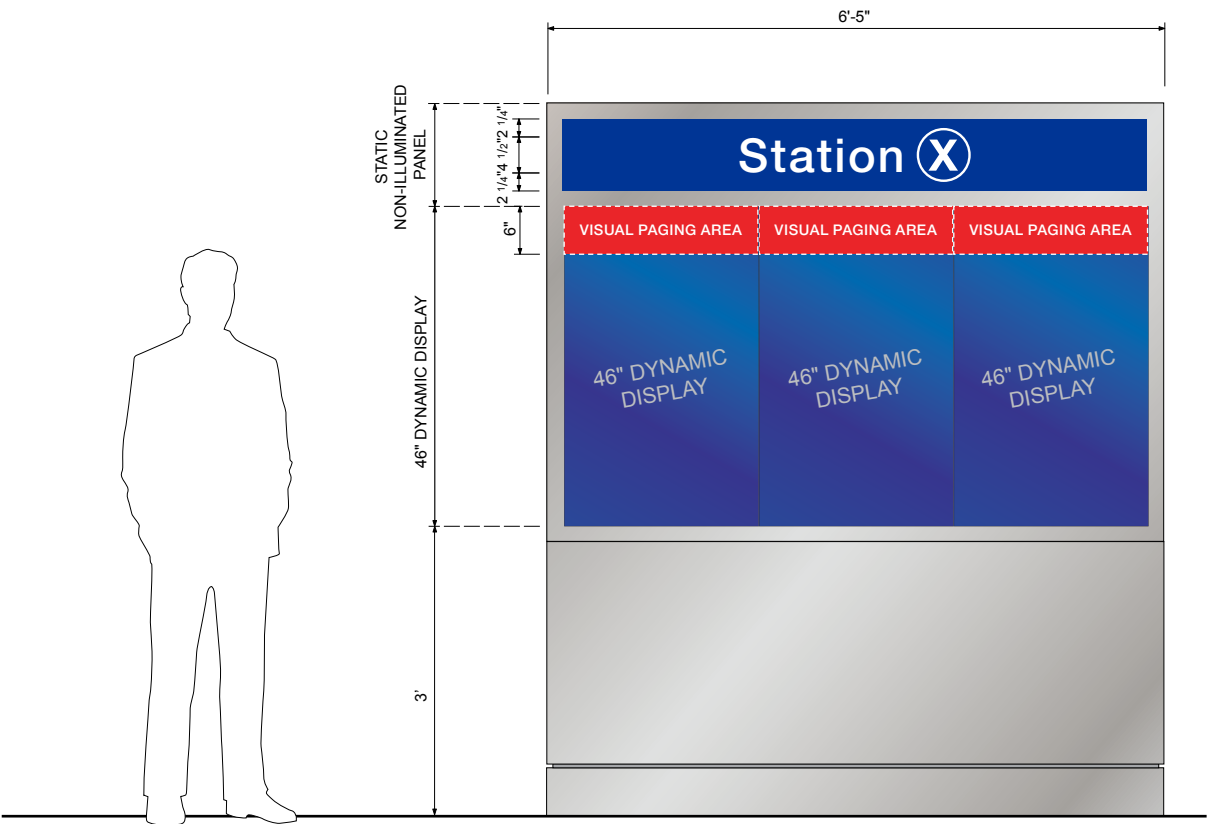
Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Font
Helvetica Neue 65 Medium



1 TOP VIEW



2 FACE VIEW



3 SIDE VIEW

C106-V

CURBSIDE POSTER FRAME

INFORMATION SIGNAGE – EXTERIOR

Function
Pedestrian information sign.

Location
At ground transportation services pick-up areas.

Material & Construction
Clear anodized aluminum and base snap frame with polycarbonate backer; painted. Non-glare transparent acrylic cover panel.

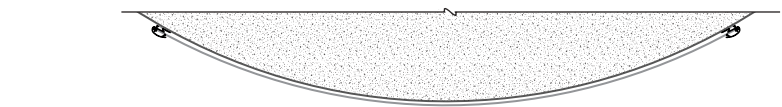
Configuration
1 face.

Message
Digitally printed vinyl insert applies to second surface of transparent acrylic cover; message content must be approved by the LAWA Signage & Graphics Manager.

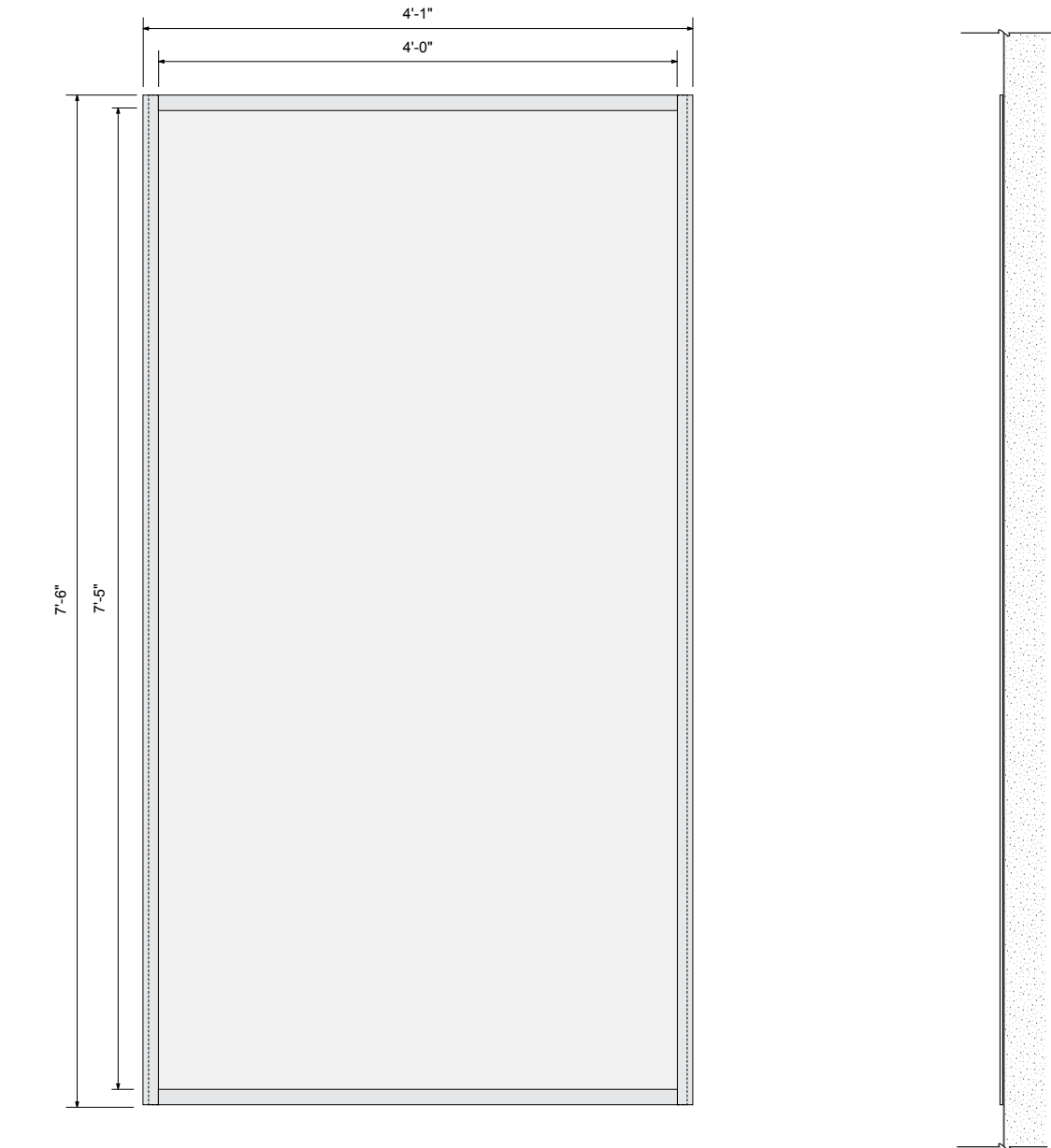
Illumination
Non-illuminated.

Mounting
Blind mount flush to column.

Fonts
Not applicable.

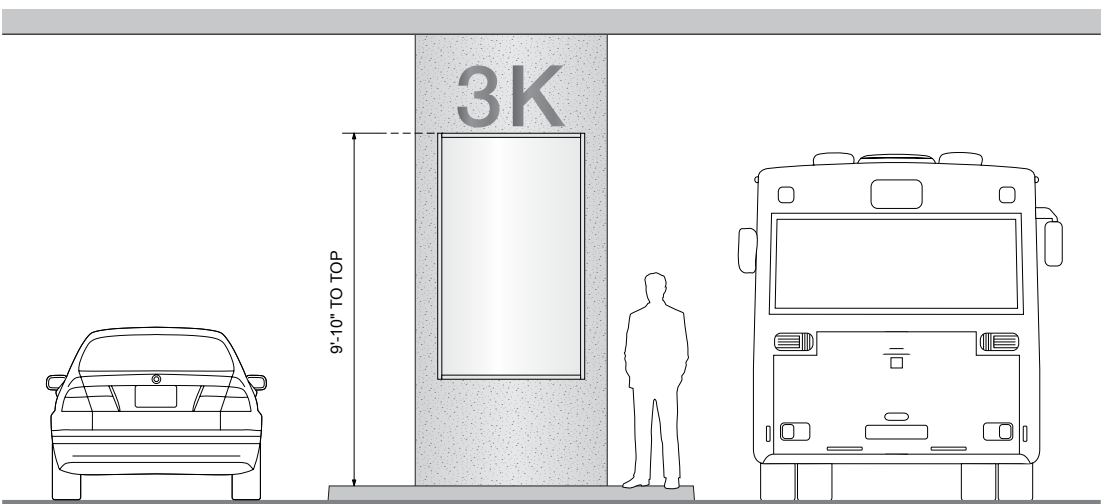


1 TOP VIEW

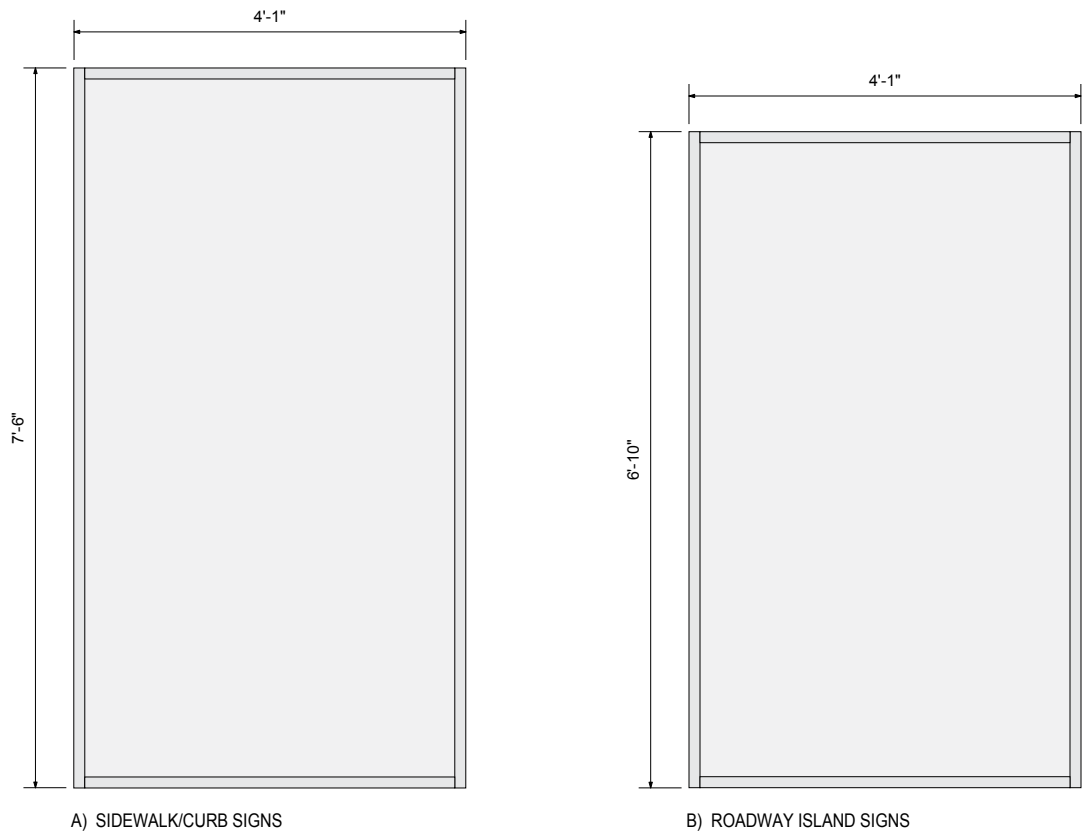


2 FACE VIEW

3 SIDE VIEW



3 CONTEXT ELEVATION



5 FRAME SIZES

C107-V

PARKING PAY STATION

INFORMATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Parking payment information sign.

Location
At parking structures and surface parking lots.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

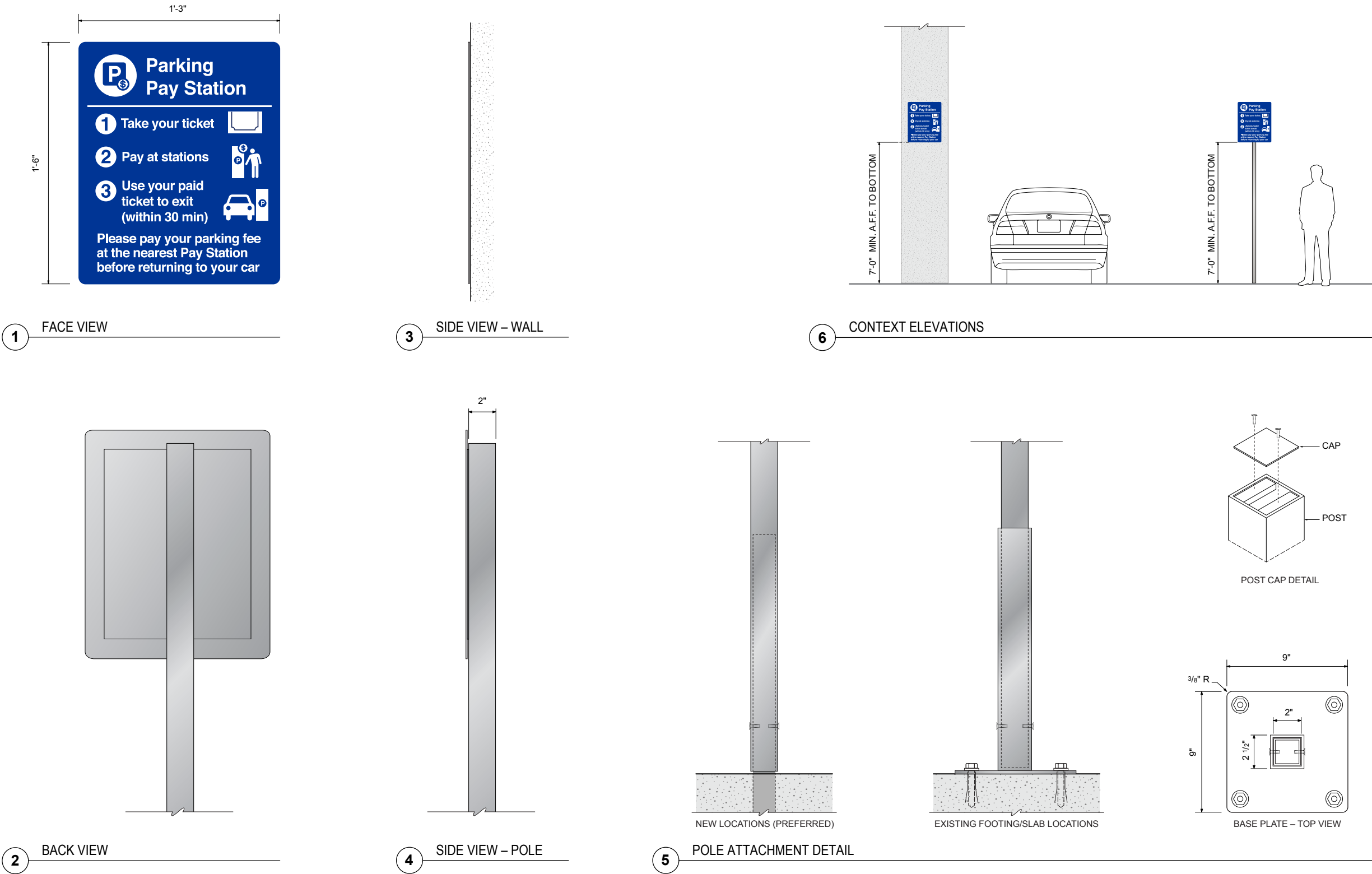
Configuration
1 face.

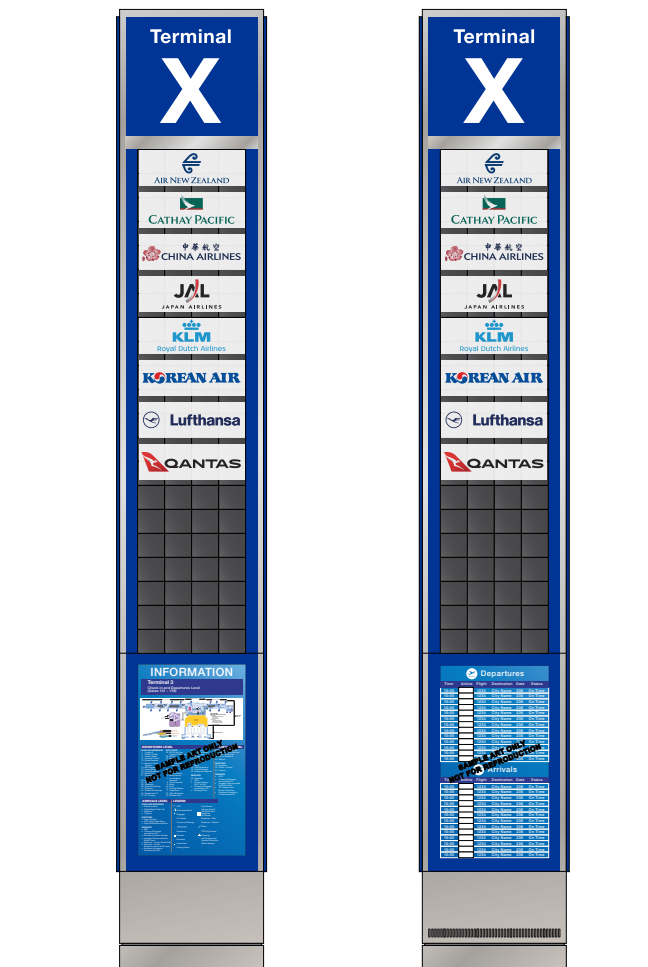
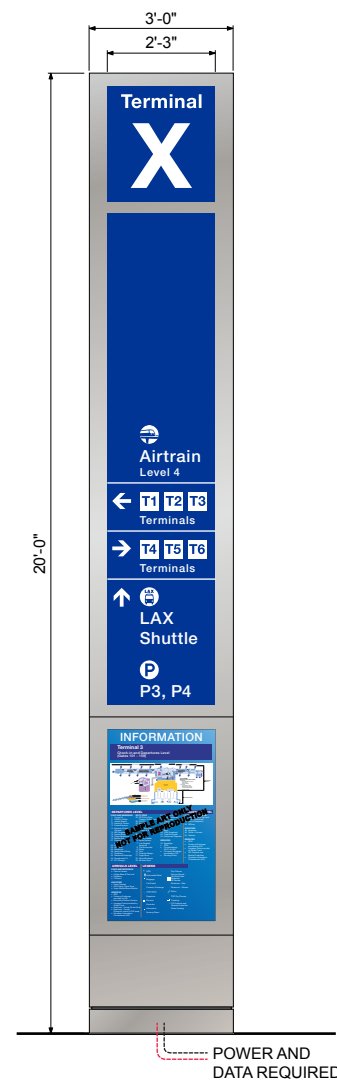
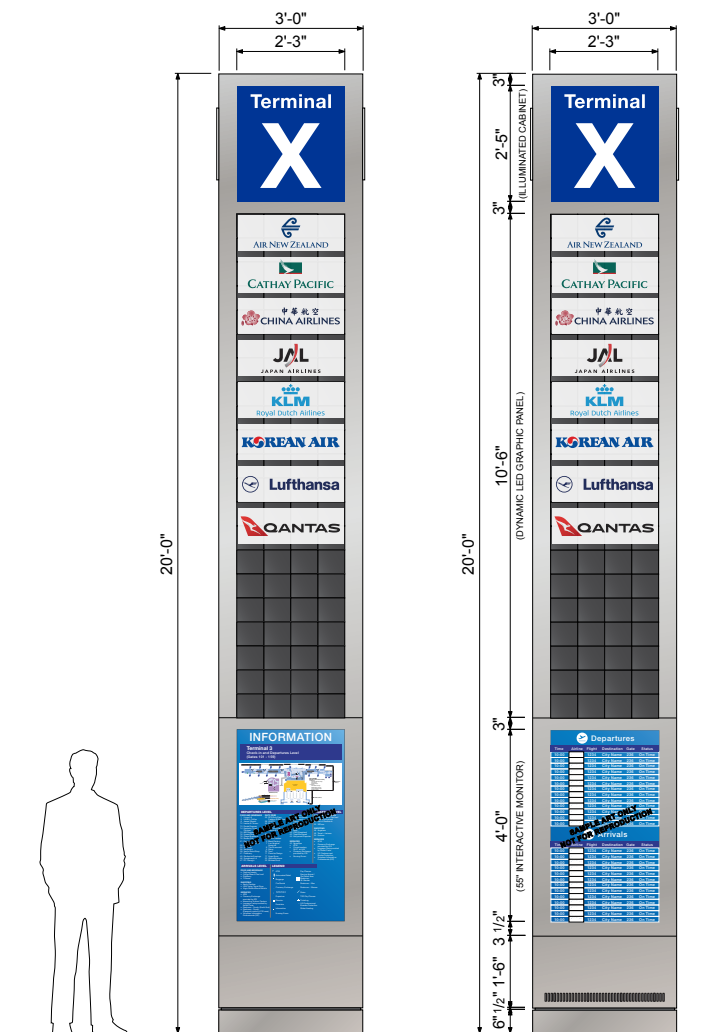
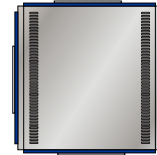
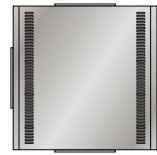
Message
Direct-to-surface printing to first surface.

Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

Font
Helvetica Neue 75 Bold





SIGN TYPE DESIGN DETAILS

C500-GD

TERMINAL CHECK-IN PYLON

INFORMATION SIGNAGE – INTERIOR

Function

Pedestrian information sign.

Location

At passenger check-in areas.

Material & Construction

Sign cabinet of quality stainless steel;
#4 horizontal brush finish on all sides.
Painted message area. Integrated
internal dynamic displays; 55" color
LCD and dynamic color LED panel
modules per LAWA specifications.

Configuration

4 faces.

Message

Static dimensional header numeral of 1/2" thick push-thru translucent white acrylic; illuminated. Static directional copy of cut vinyl on first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message verbiage must be approved by the LAWA Signage & Graphics Manager.

Illumination

Internal LED illumination through face.

Mounting

Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts

Helvetica Neue 55 Roman, 65 Medium,
75 Bold, 85 Heavy

C501-GD

TERMINAL FLIGHT INFORMATION DISPLAY – LARGE

INFORMATION SIGNAGE – INTERIOR

Function
Pedestrian information sign.

Location
At key wayfinding decision points.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish on all faces. Painted header message area. Integrated internal dynamic display; 55" back-lit monitors with ultra thin bezel per LAWA specifications.

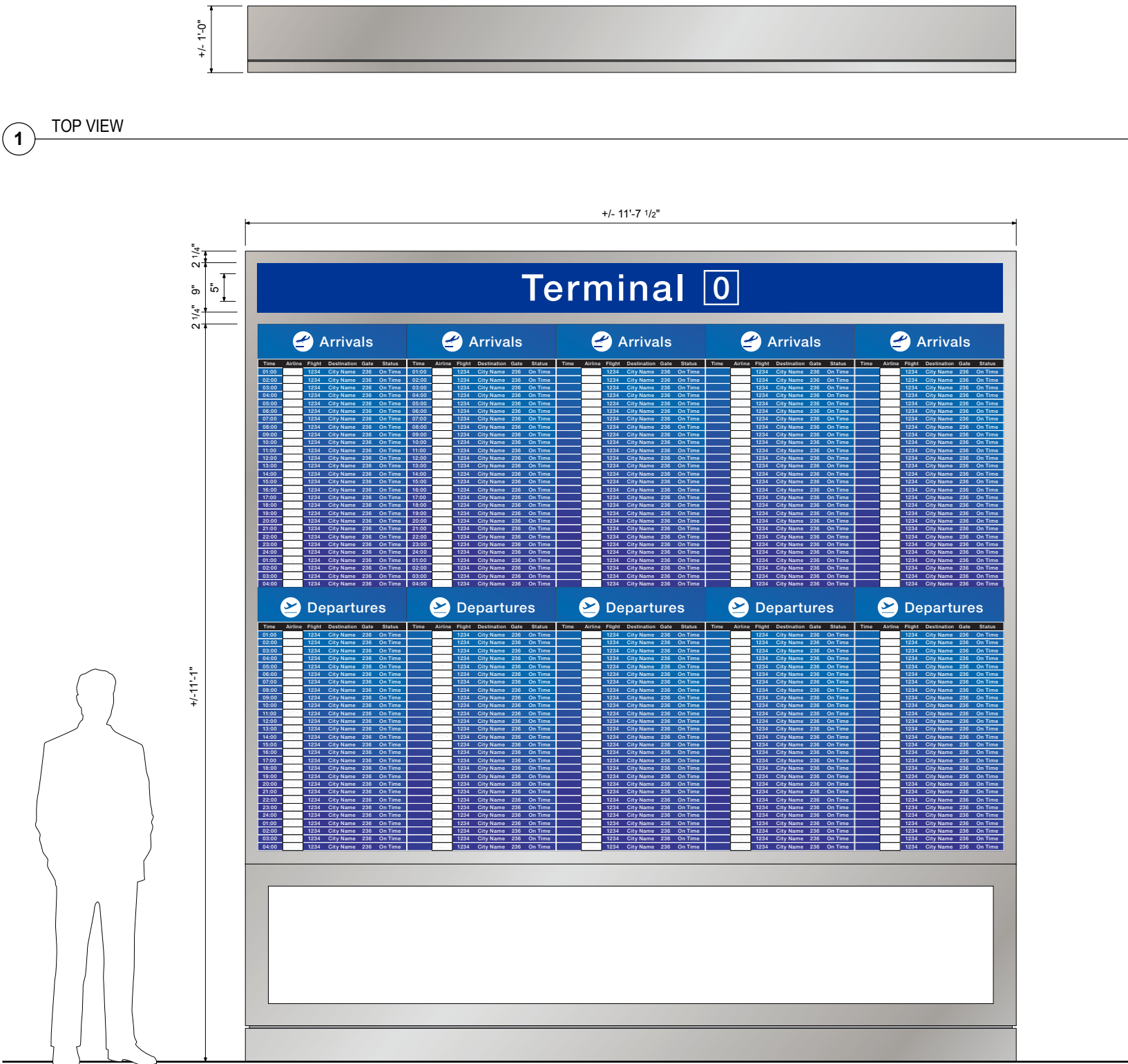
Configuration
1 face.

Message
Direct-to-surface printing header copy on first surface. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message verbiage must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



2 FACE VIEW



3 SIDE VIEW

C502-GD

INFORMATION PYLON – SMALL

INFORMATION SIGNAGE – INTERIOR

Function
Pedestrian information sign.

Location
At key wayfinding decision points.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish. Painted message area. Integrated internal dynamic display; 48" color LCD per LAWA specifications; 1 per sign face.

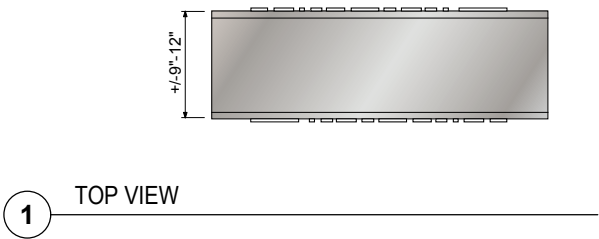
Configuration
1 or 2 faces.

Message
Static dimensional copy of 1/4" thick push-thru translucent white acrylic; illuminated. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message verbiage must be approved by the LAWA Signage & Graphics Manager.

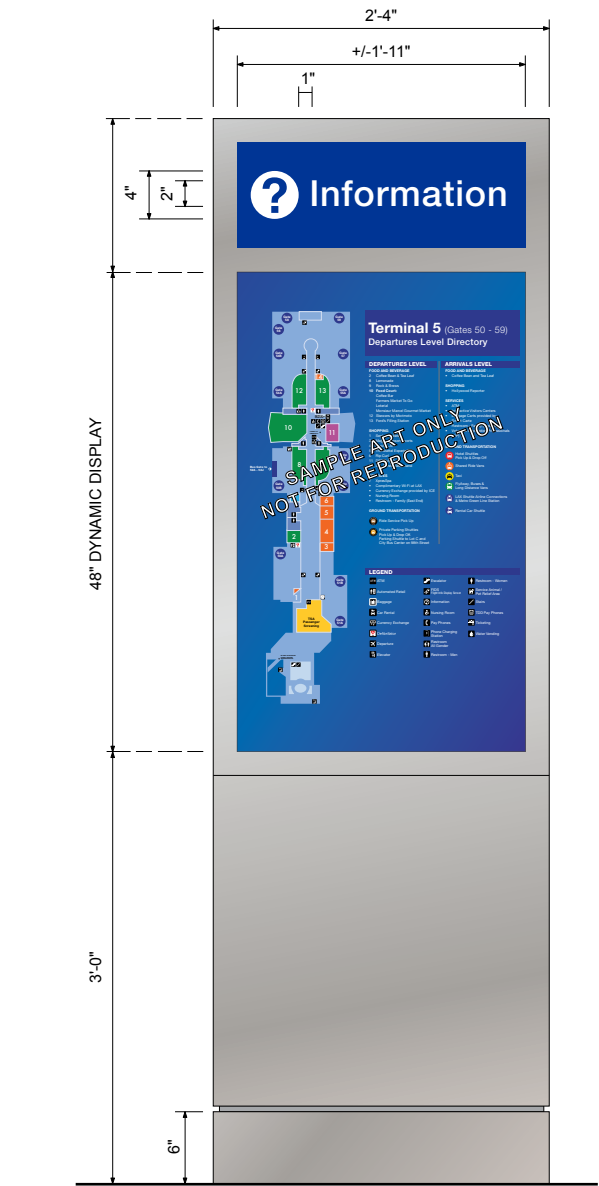
Illumination
Internal LED illumination through face.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

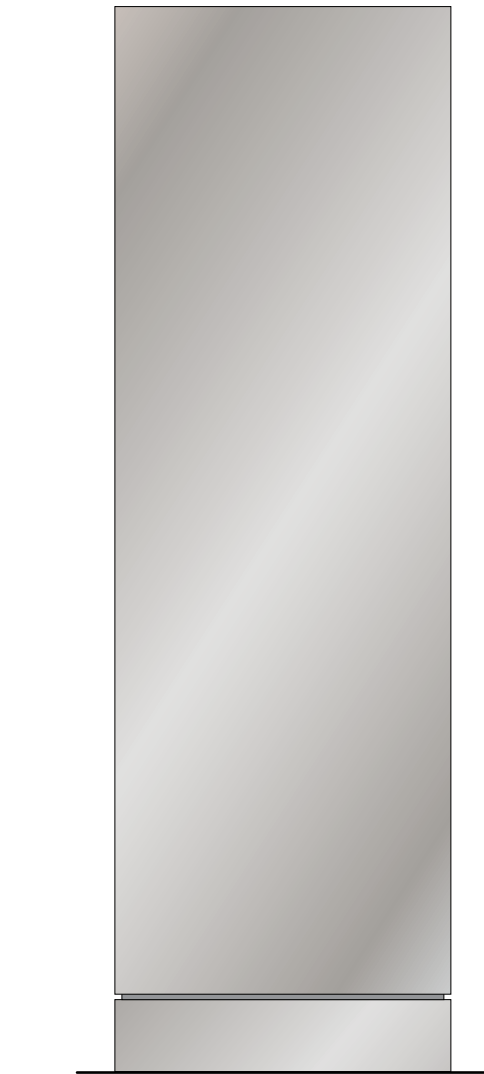
Fonts
Helvetica Neue 55 Roman, 65 Medium, 75 Bold, 85 Heavy



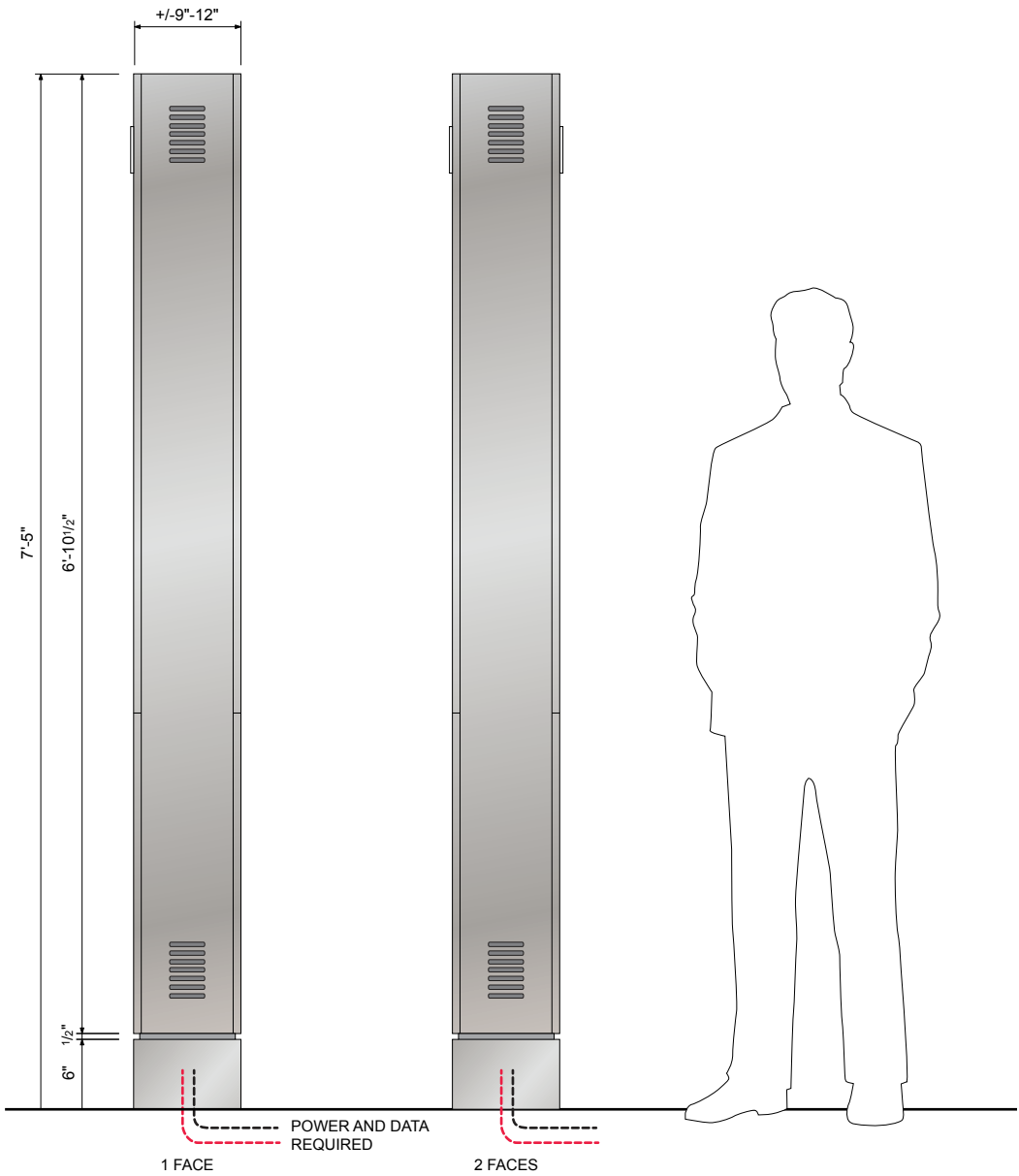
1 TOP VIEW



2 FACE VIEW



3 REAR VIEW – 1 FACE



4 SIDE VIEWS

C504-G

ESCALATOR DIRECTORY PYLON

INFORMATION SIGNAGE – INTERIOR

Function
Level directory.

Location
Located near escalator.

Material & Construction
Sign cabinet of quality stainless steel;
#4 horizontal brush finish. Removable
1/2" deep aluminum pan message
area; painted. Anti-graffiti satin clear
coat on all painted surfaces.

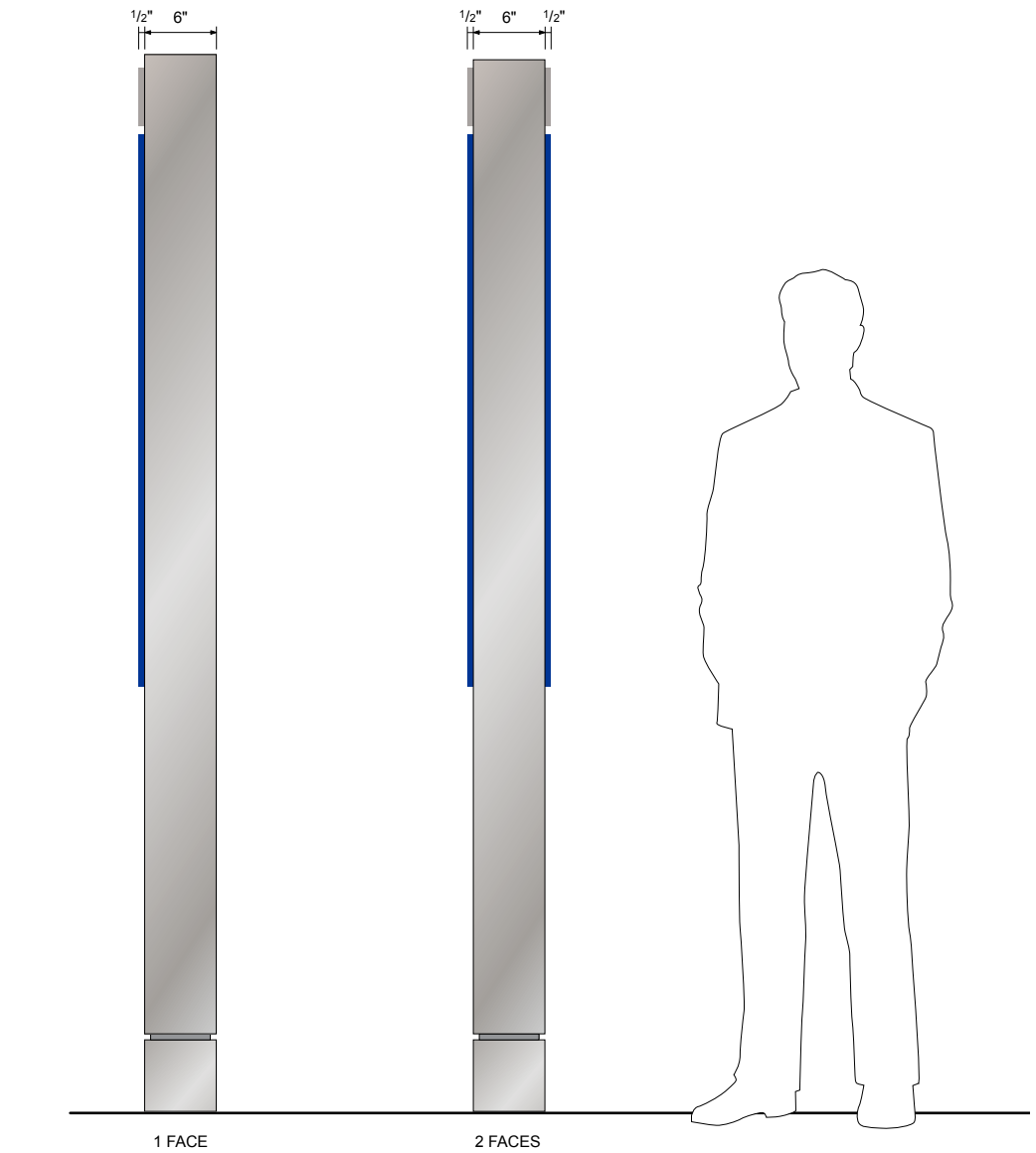
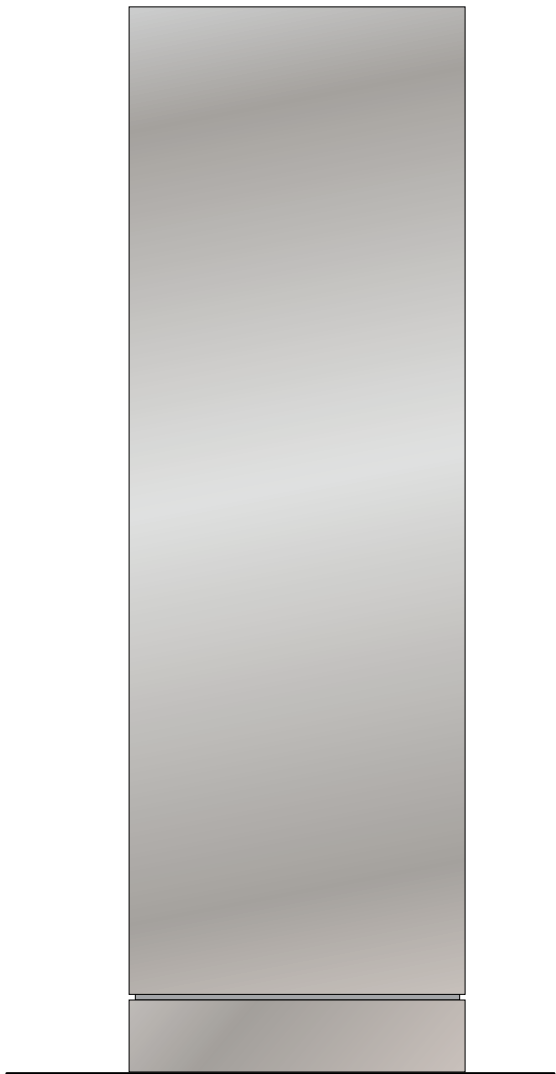
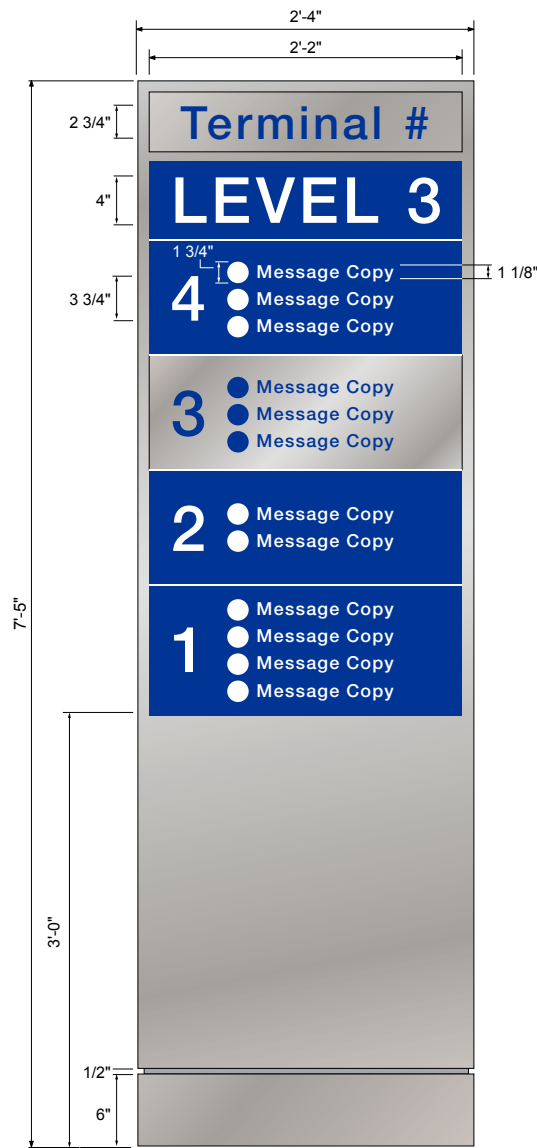
Configuration
1 or 2 faces.

Message
Direct-to-surface printing on first surface.
Message shown is representational
only; actual verbiage will vary and
must be approved by the LAWA
Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered
foundation with integrated mechanical
anchors appropriate per location.

Font
Helvetica Neue 65 Medium



C506-VD

CURBSIDE OVERHEAD DYNAMIC INFO

INFORMATION SIGNAGE – INTERIOR

Function
Overhead pedestrian direction sign.

Location
At key wayfinding decision points.

Material & Construction
Sign cabinet of 1/8" thick aluminum; #4 horizontal brush finish. Integrated internal dynamic color LED panel modules per LAWA specifications.

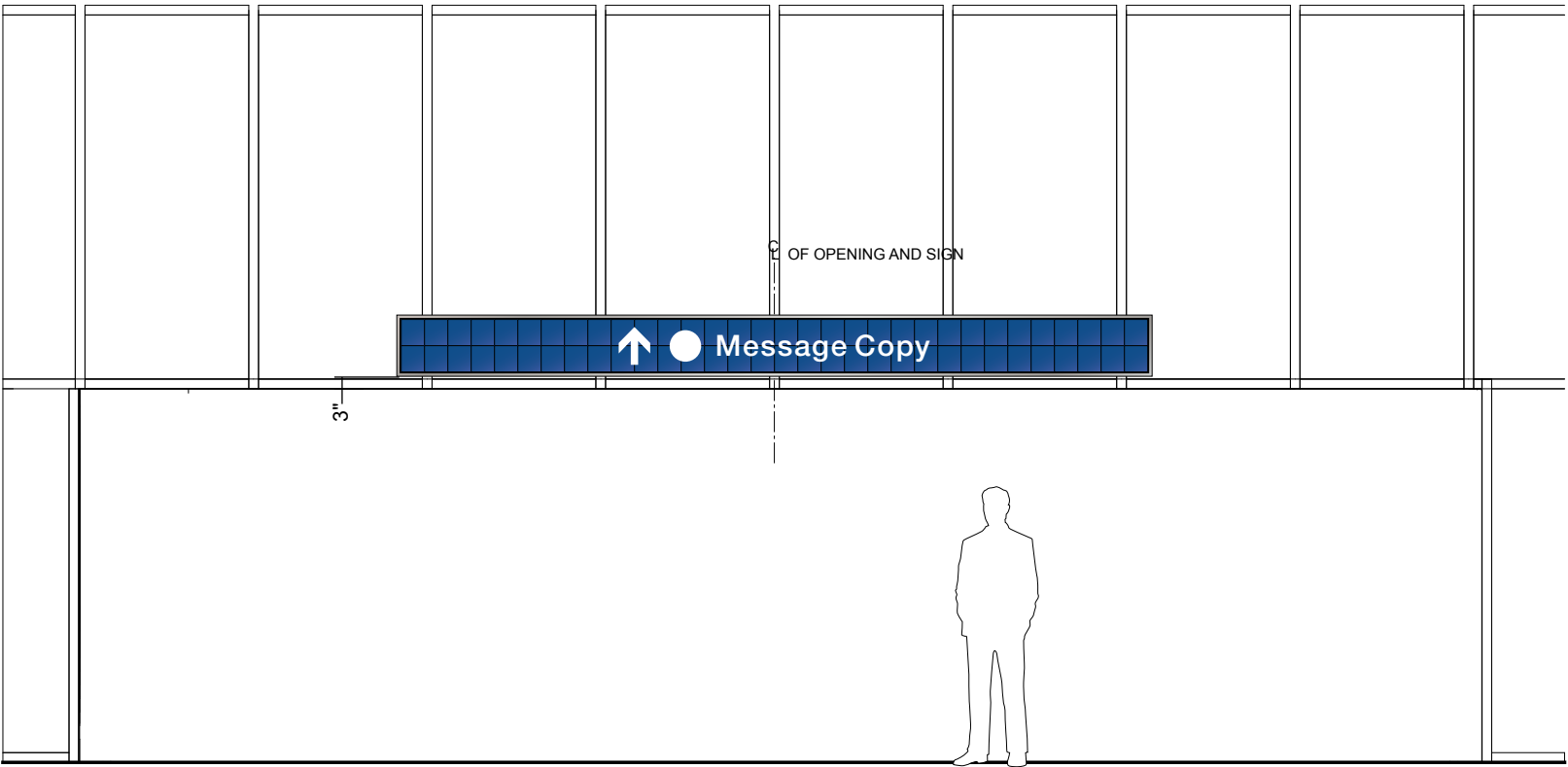
Configuration
1 face.

Message
Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall/structure.

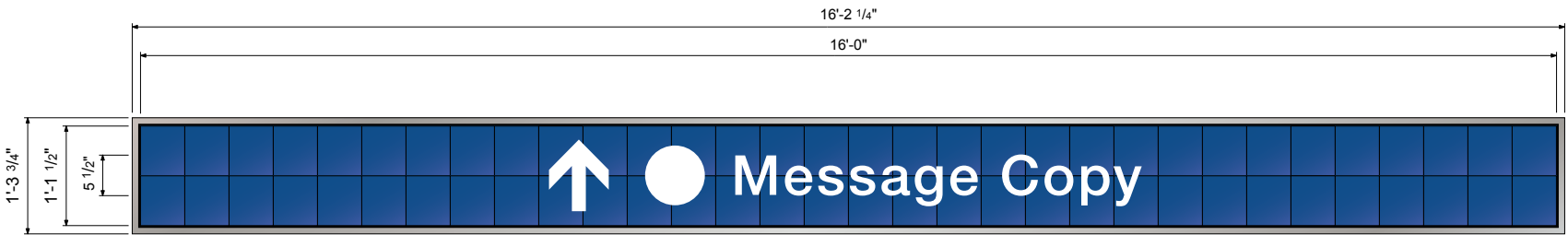
Font
Helvetica Neue 65 Medium (digital)



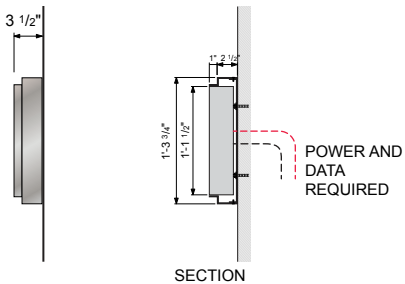
3 CONTEXT ELEVATION - TYPICAL



1 TOP VIEW



2 FACE VIEW



4 SIDE VIEW

C507-GD

BAG CAROUSEL INFORMATION DISPLAY

INFORMATION SIGNAGE – INTERIOR

Function
Pedestrian information sign.

Location
At baggage carousel.

Material & Construction
Sign cabinet of quality stainless steel; #4 horizontal brush finish. Pin mounted offset number panel; painted. Integrated internal dynamic display; 70" back-lit LED monitors with ultra thin bezel per LAWA specifications.

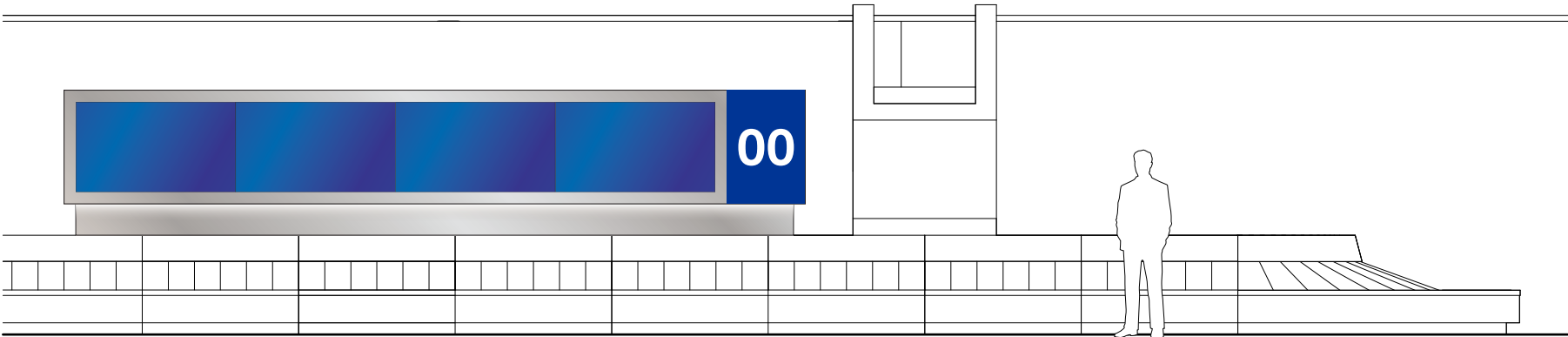
Configuration
1 or 2 faces.

Message
Static dimensional copy of 1/2" thick push-thru translucent white acrylic; illuminated. Dynamic content by LAWA programmer; variable messages to comply with CBC 11b-216.13 and 11b-703.8. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

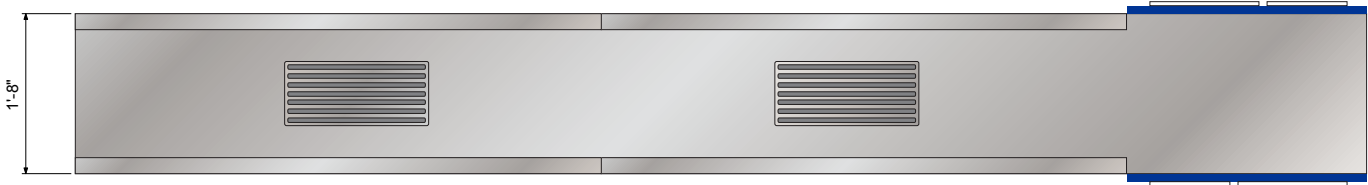
Illumination
Face lit number. Halo perimeter around offset dynamic message panel.

Mounting
Attach to carousel structure; verify structure and mounting per location.

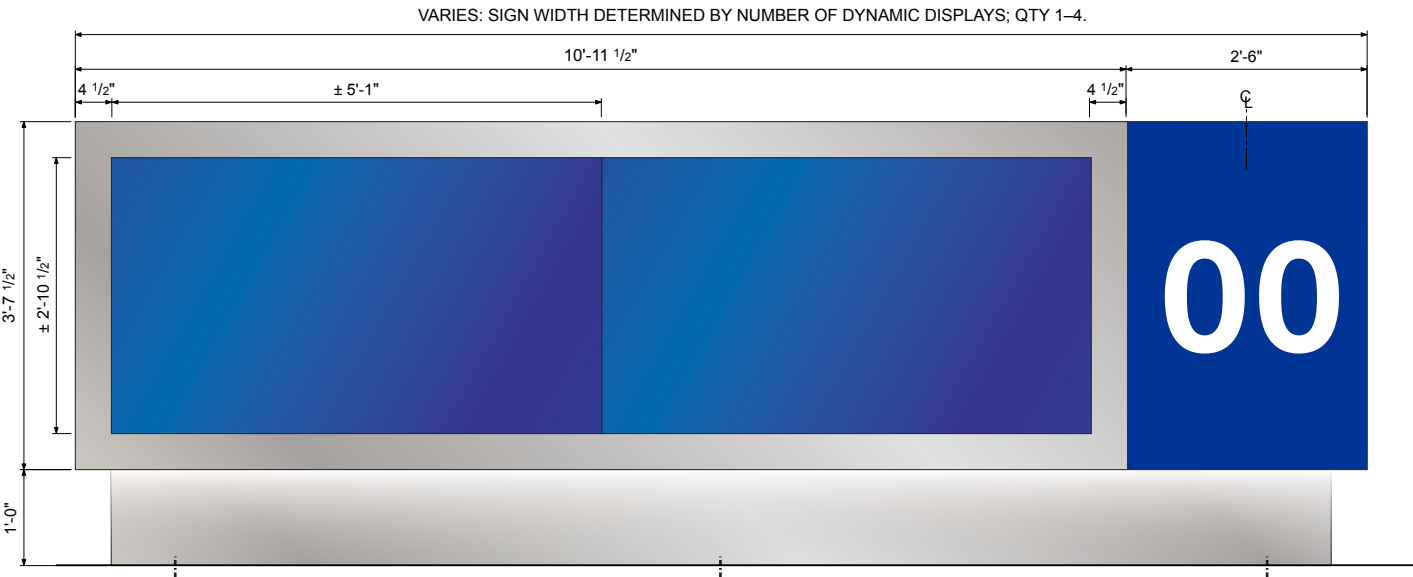
Font
Helvetica Neue 75 Bold



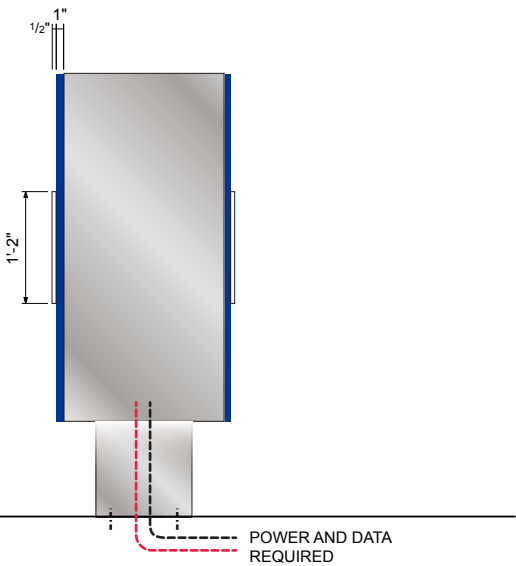
3 CONTEXT ELEVATION – 4 DISPLAYS



1 TOP VIEW



2 FACE VIEW – 2 DISPLAYS



4 SIDE VIEW

REGULATION SIGNAGE

Refer to Section 4, Graphic Standards for typography, colors, and message guidelines.

Refer to the General Performance Specifications in Section 8, Reference Information for particular LAWA approved materials.

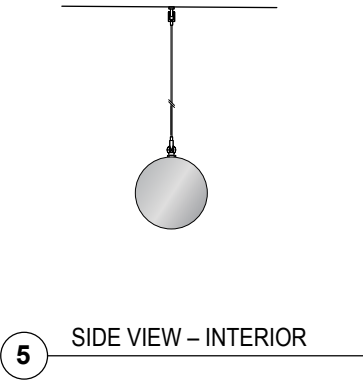
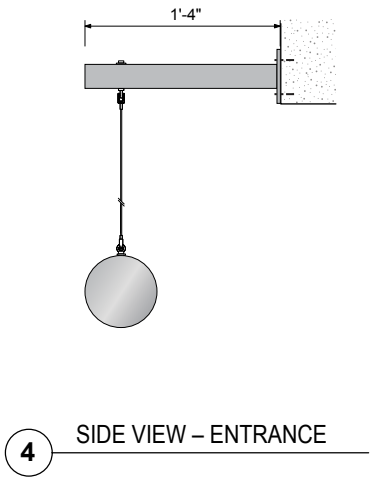
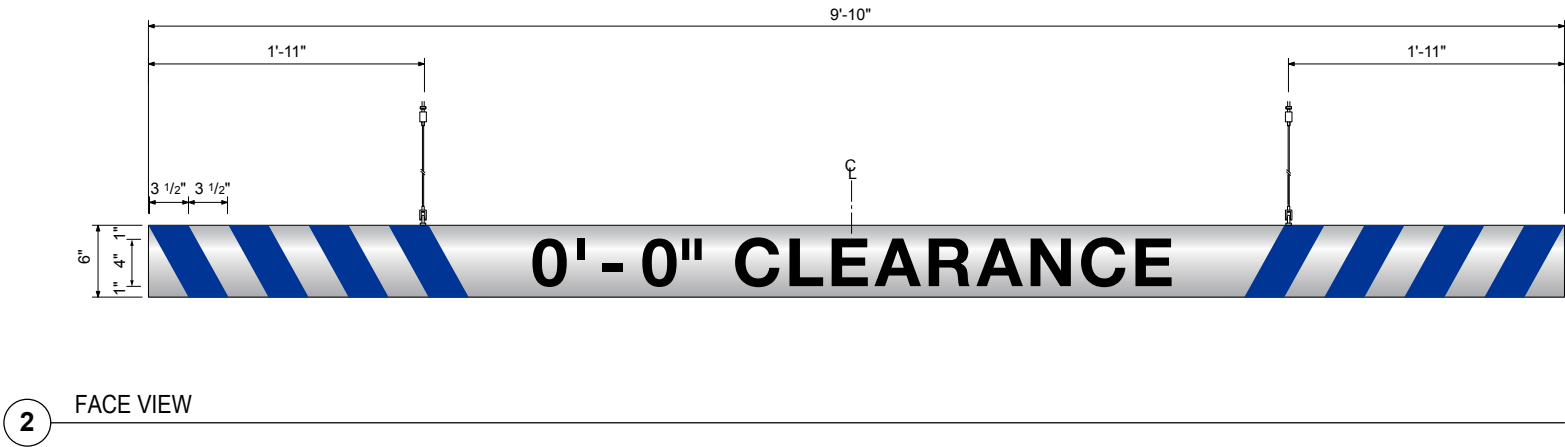
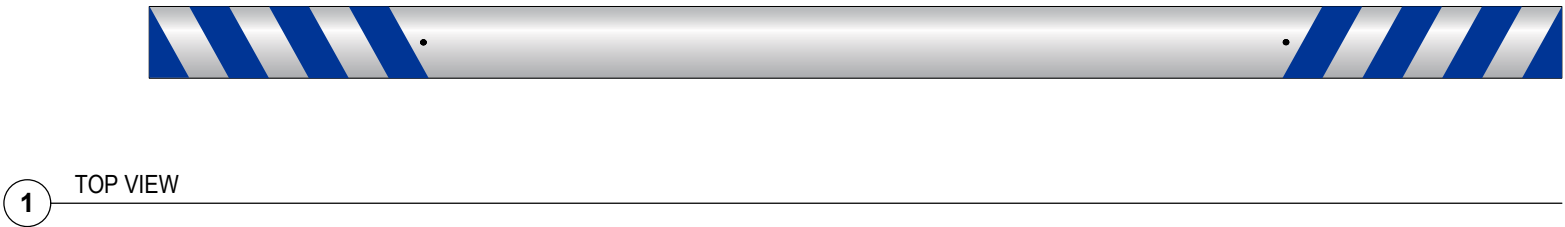
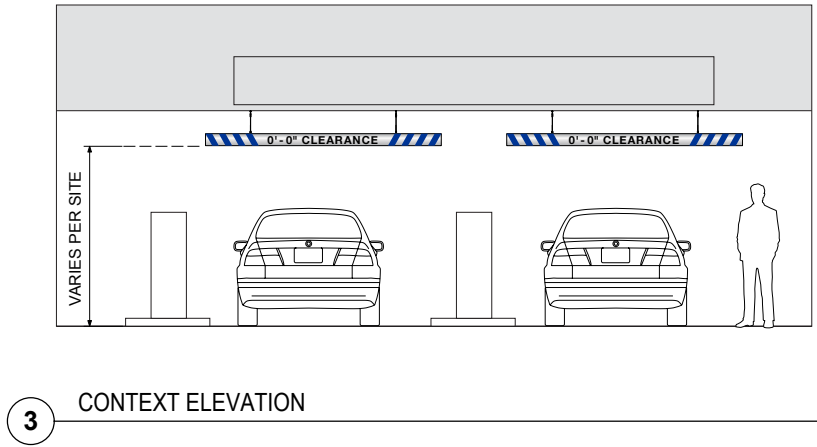


D100-S

VEHICLE CLEARANCE BAR

REGULATION SIGNAGE – EXTERIOR

- Function**
Vehicle clearance height warning.
- Location**
At vehicle entrances.
- Material & Construction**
6" diameter rigid PVC pipe with end caps and internal stiffener bar; painted. Anti-graffiti satin clear coat on all painted surfaces.
- Configuration**
1 face.
- Message**
Cut vinyl on first surface of pipe. Stripes of reflective material. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.
- Illumination**
Non-illuminated.
- Mounting**
Suspended from overhead structure with stainless steel aircraft cable and mechanical anchors.
- Font**
Helvetica Neue 75 Bold



D101-V

ATTENTION WARNING PANEL

REGULATION SIGNAGE – EXTERIOR

Function
Restriction information.

Location
At restricted access areas.

Material & Construction
Panel of .080 gauge aluminum.

Configuration
1 face.

Message
Direct print on reflective vinyl.
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

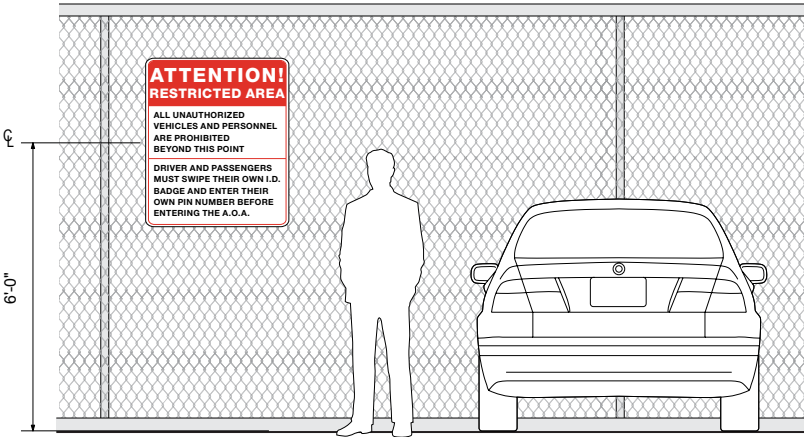
Illumination
Non-illuminated.

Mounting
Affix to fence.

Fonts
Helvetica Neue 75 Bold
Helvetica Neue 85 Heavy



1 REFERENCE – FENCE ATTACHMENT FASTENER



4 CONTEXT ELEVATION



2 FACE VIEW



3 SIDE VIEW

D102-G

ACCESSIBLE ROUTE IDENTITY

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Accessible route identification sign.

Location
Along accessible route.

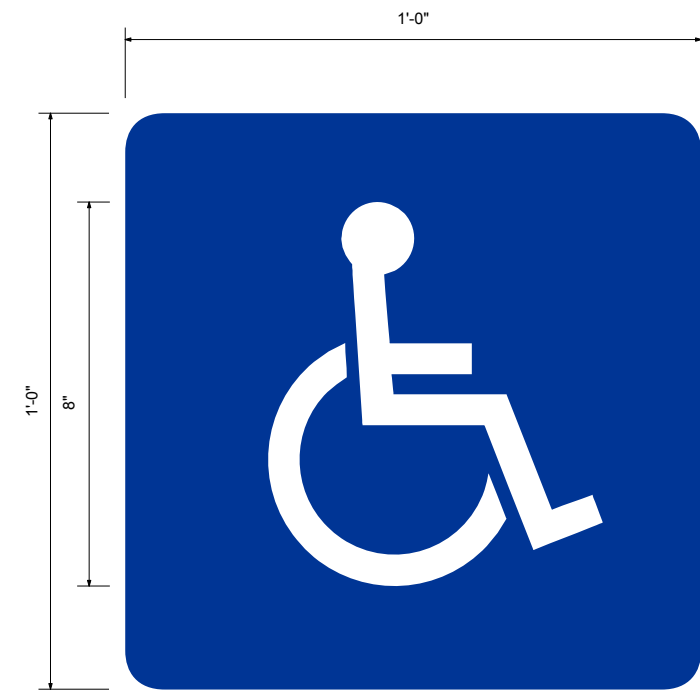
Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

Configuration
1 face.

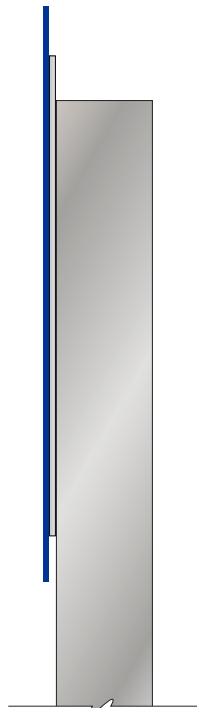
Message
Direct-to-surface printing to first surface.

Illumination
Non-illuminated.

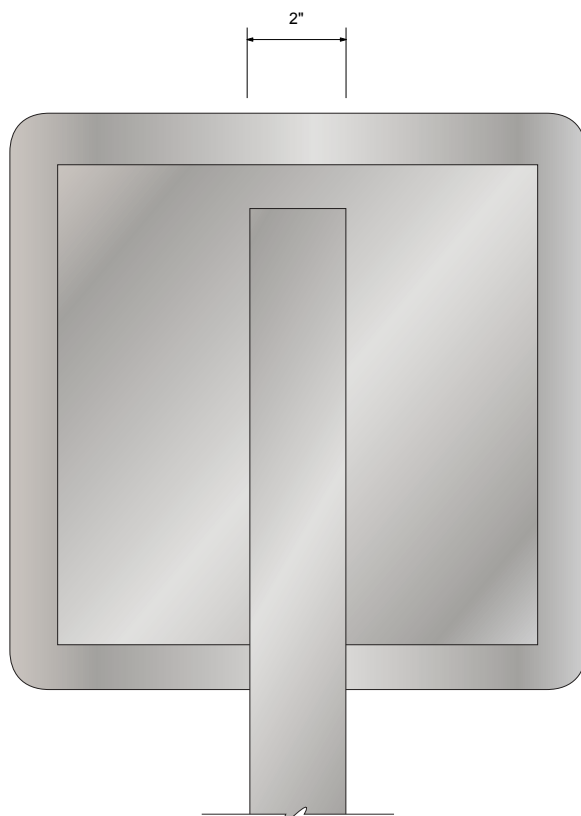
Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.



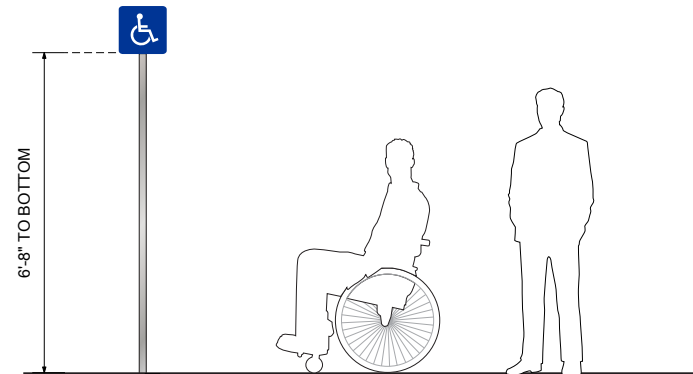
1 FACE VIEW



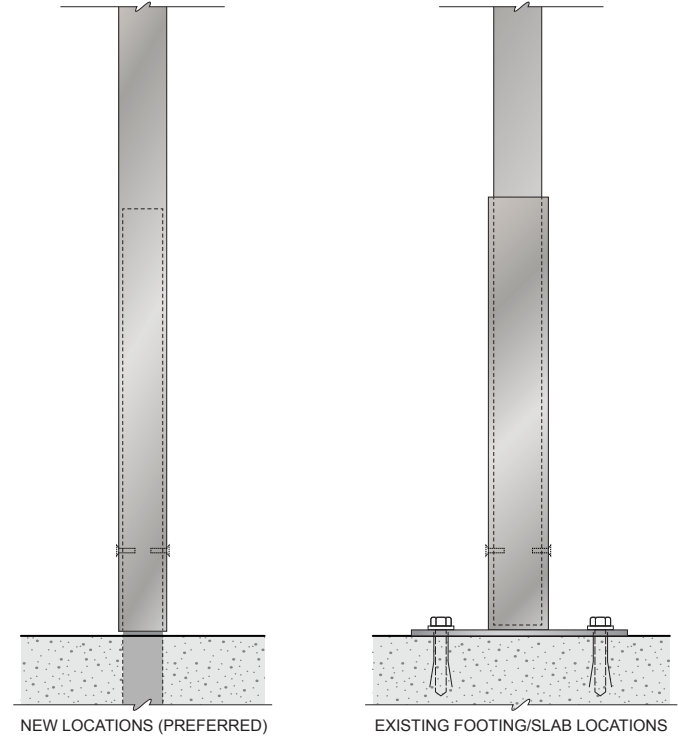
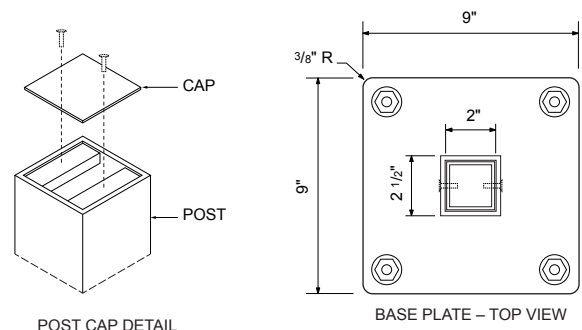
2 SIDE VIEW



3 BACK VIEW



4 CONTEXT ELEVATION



5 POLE ATTACHMENT DETAIL

D103-G

WARNING PRIVATE PROPERTY

REGULATION SIGNAGE – EXTERIOR

Function
Private Property information.

Location
At private property inside landscape areas.

Material & Construction
Message panel and backer panel of .080 gauge aluminum; painted both sides. Anti-graffiti satin clear coat on all painted surfaces. Sleeved sign post and stub/ base of square non-perforated galvanized steel tube; painted LAWA Silver.

Configuration
1 face.

Message
Direct-to-surface printing to first surface.

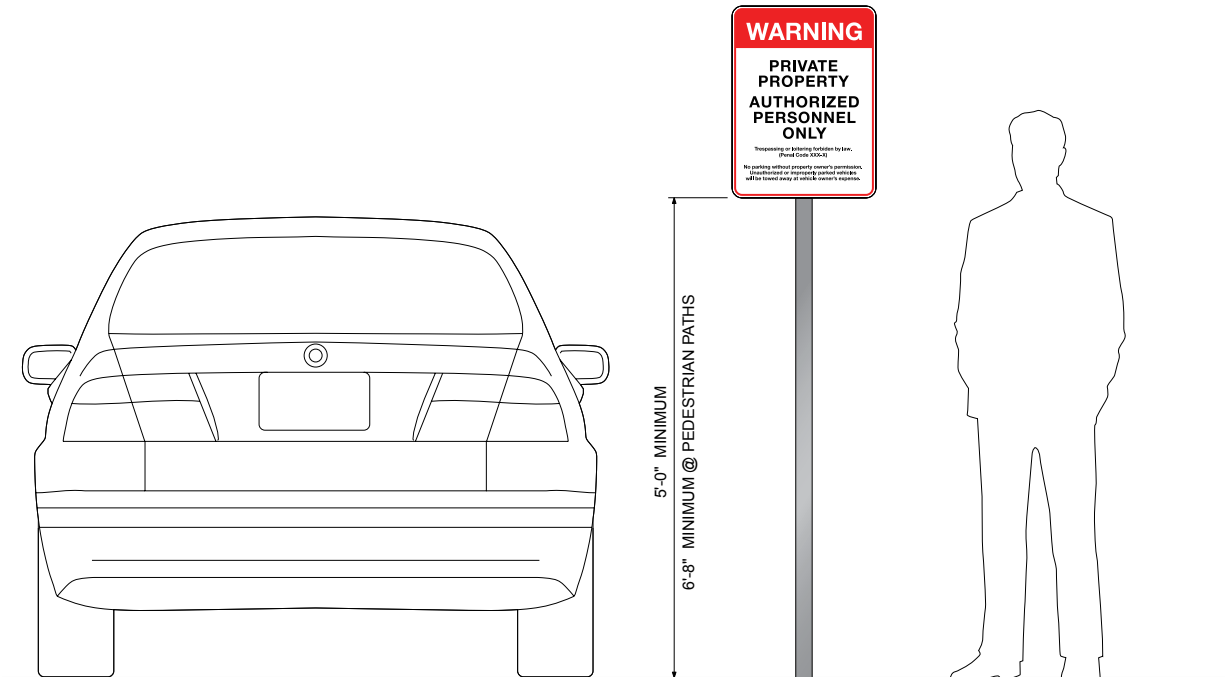
Illumination
Non-illuminated.

Mounting
Sign panels fasten blind to post; no visible fasteners through message face. Non-perforated post mounts to ground per site condition.

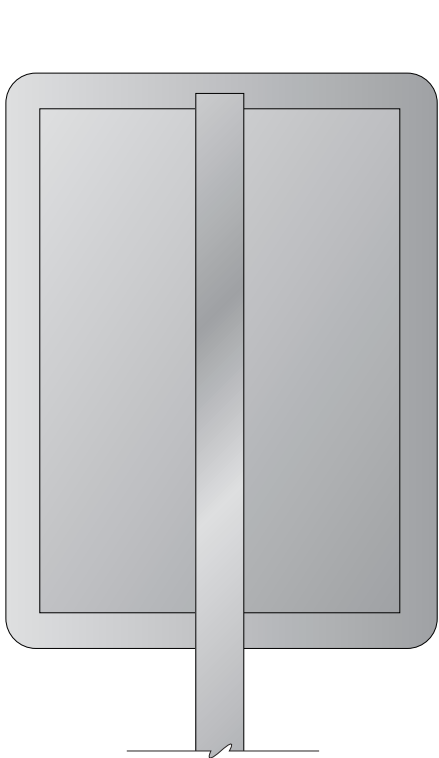
Font
Helvetica Neue 75 Bold



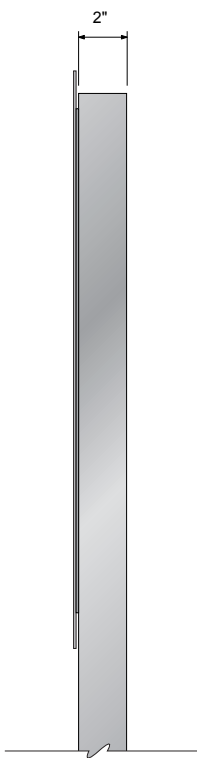
1 FACE VIEW



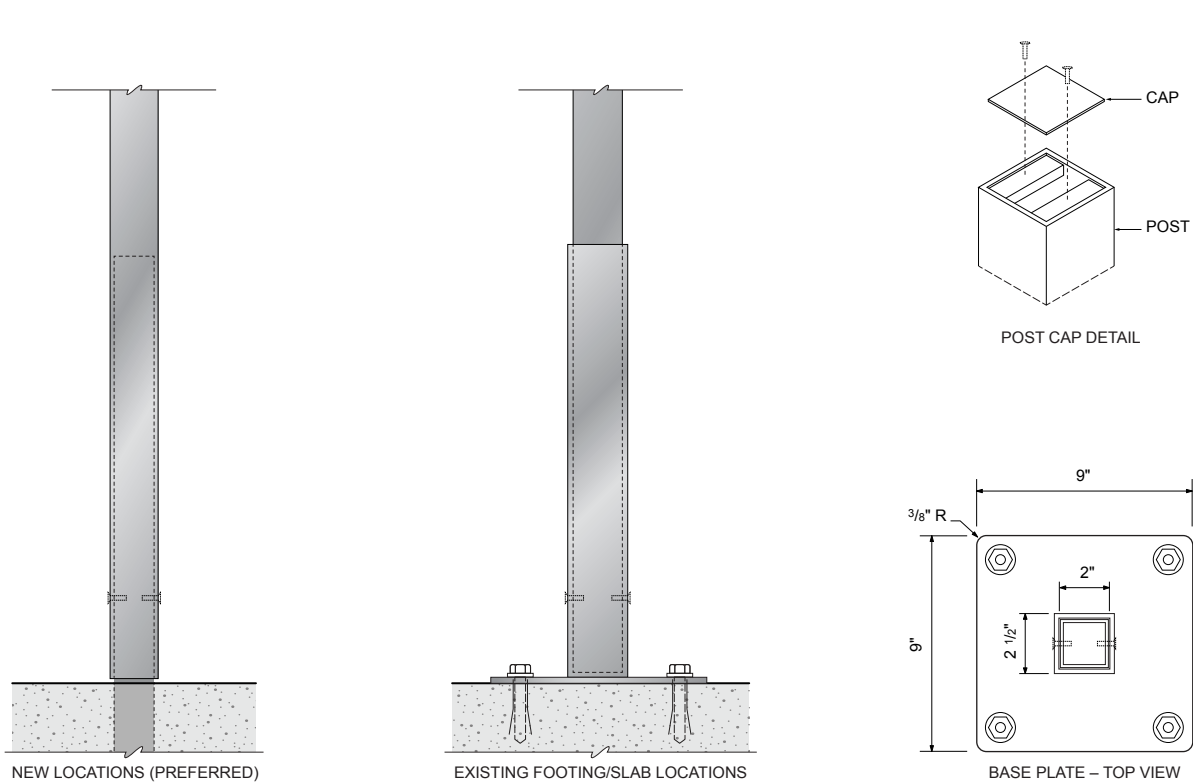
4 CONTEXT ELEVATION



2 BACK VIEW



3 SIDE VIEW – POLE



5 POLE ATTACHMENT DETAIL

D104-G

KEEP CLEAR CAUTION – GROUND

DIRECTION SIGNAGE – EXTERIOR

Function
Pedestrian direction sign.

Location
Along clearance path; at dangerous areas.

Material & Construction
Paint; slip resistant.

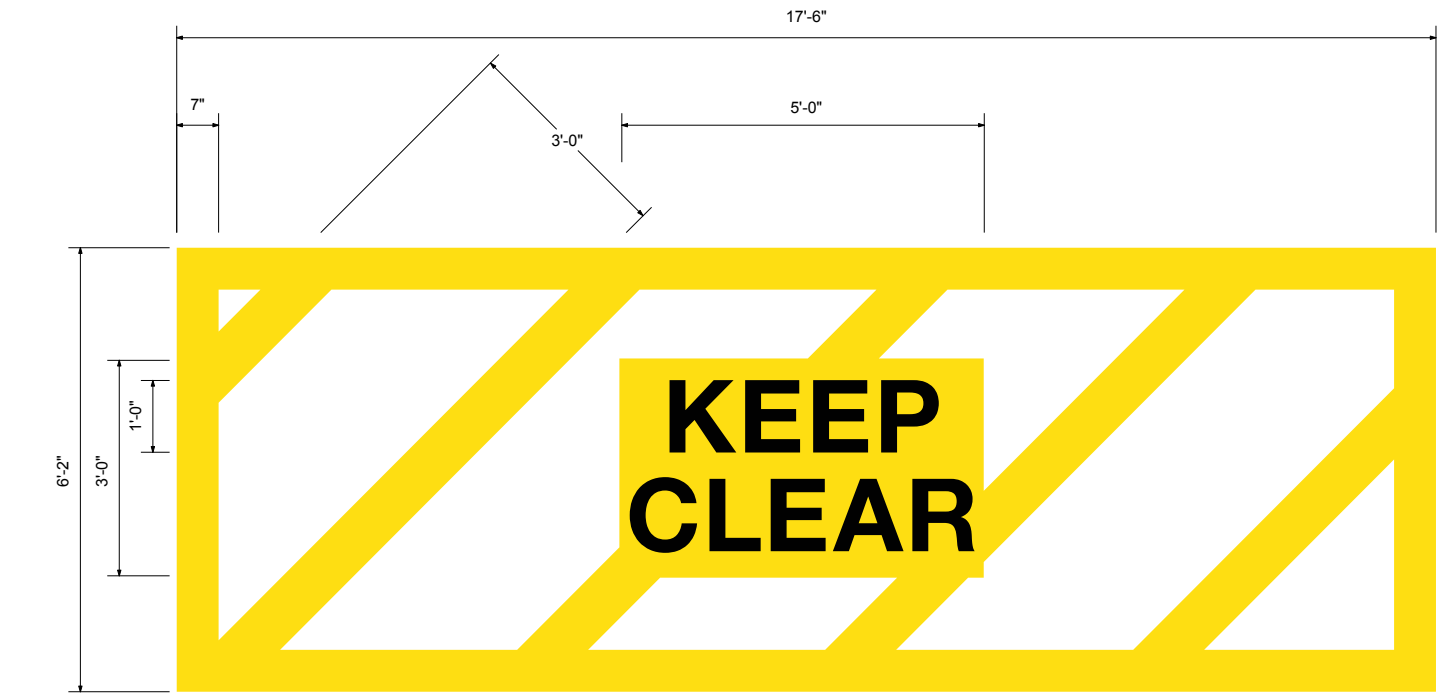
Configuration
1 face.

Message
Painted copy on first surface.
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Apply to finished floor.

Font
Helvetica Neue 75 Bold



1 FACE VIEW

D105-V

PARKING EVACUATION PLAN

REGULATION SIGNAGE – EXTERIOR/INTERIOR

Function
Emergency evacuation plan.

Location
At parking structure elevator landings, the entrance to every egress stairwell on each floor/level, immediately inside all public entrances to a public building, and as otherwise indicated by local code requirements.

Material & Construction
Backer and message panels of 1/8" thick stainless steel; #4 horizontal brush finish on edges. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 face.

Message
1/32" deep etched graphics; paint filled. Message shown is representational only; actual verbiage and plan will vary per location and project and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold

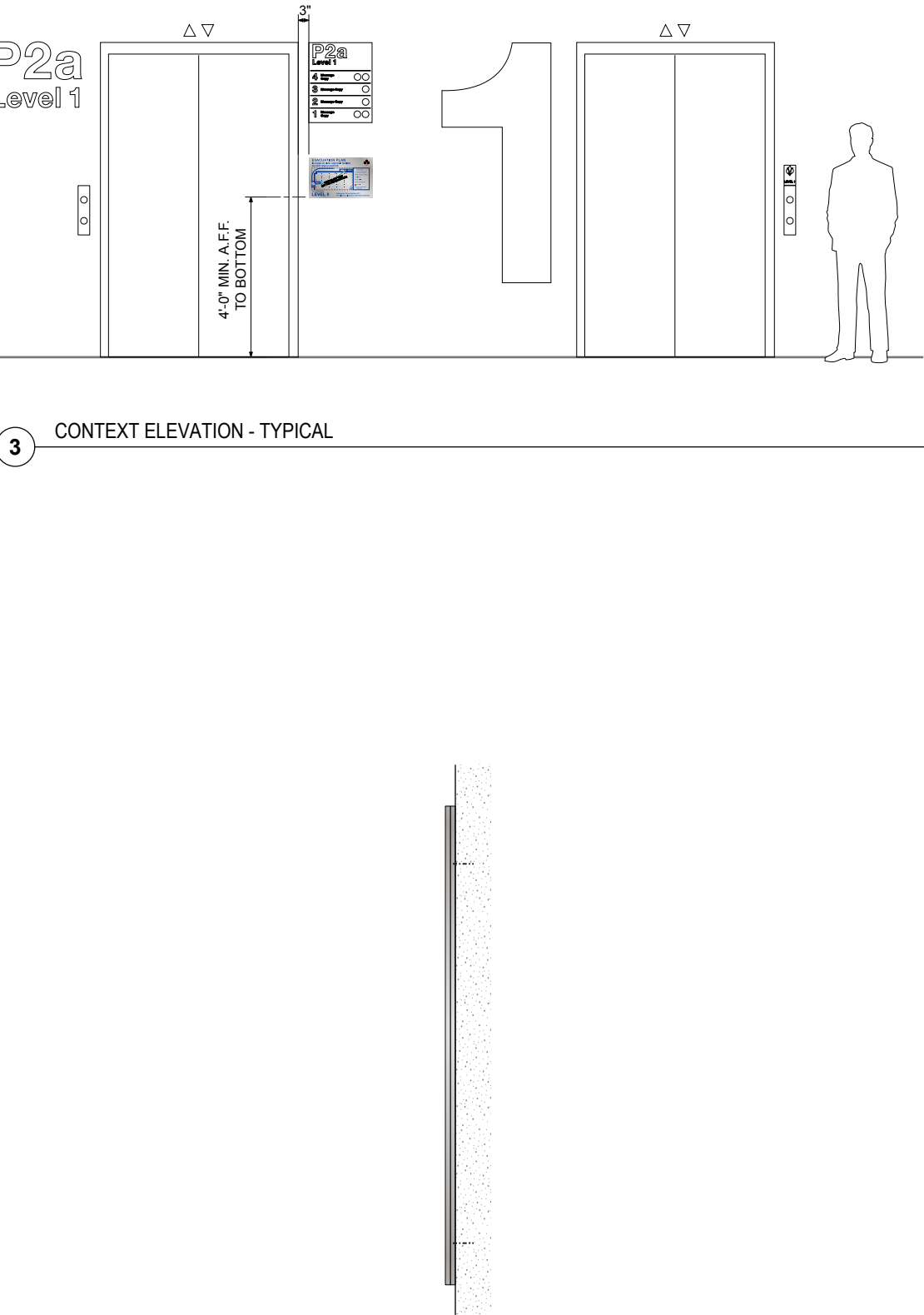
1 TOP VIEW



2 FACE VIEW

3 CONTEXT ELEVATION - TYPICAL

4 SIDE VIEW



D106-V

TACTILE PARKING STAIRWELL IDENTITY PLAQUE

REGULATION SIGNAGE – EXTERIOR

Function
Stair level ADA identification.

Location
At every stairwell level door.

Material & Construction
Backer panel of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

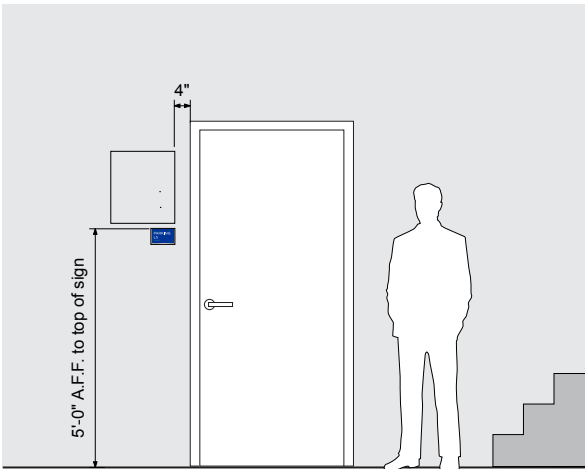
Configuration
1 face.

Message
Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

Font
Helvetica Neue 55 Roman



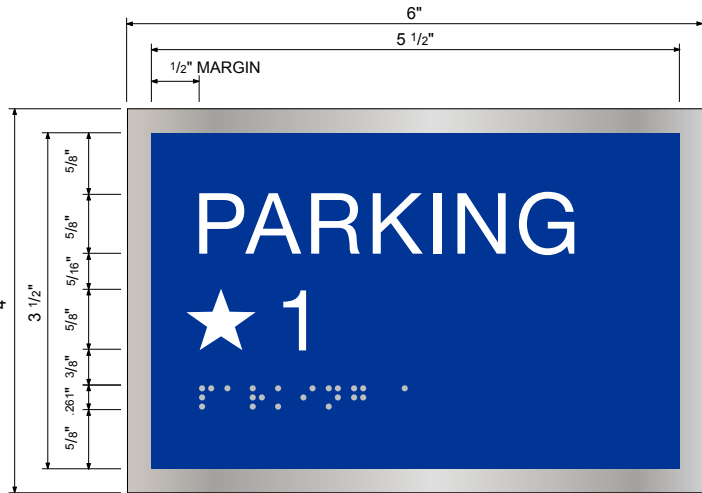
5 CONTEXT ELEVATION



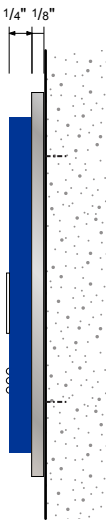
1 PARKING STAIRS PLAQUE SIGN LAYOUTS



2 TOP VIEW



3 FACE VIEW



4 SIDE VIEW

D107-V

PARKING EXIT OVERHEAD

DIRECTION SIGNAGE – EXTERIOR

Function
Vehicle direction sign.

Location
Located above vehicle exit.

Material & Construction
Sign cabinet of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

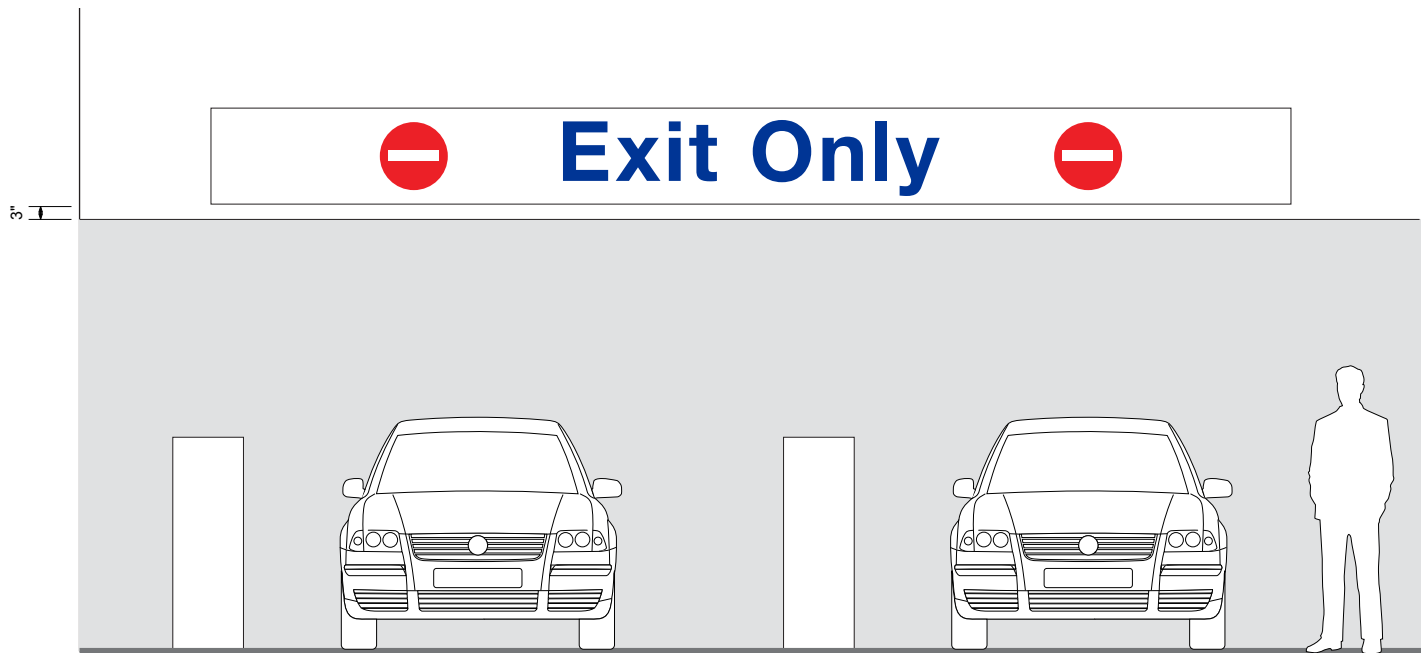
Configuration
1 face.

Message
Direct digital print or cut vinyl on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

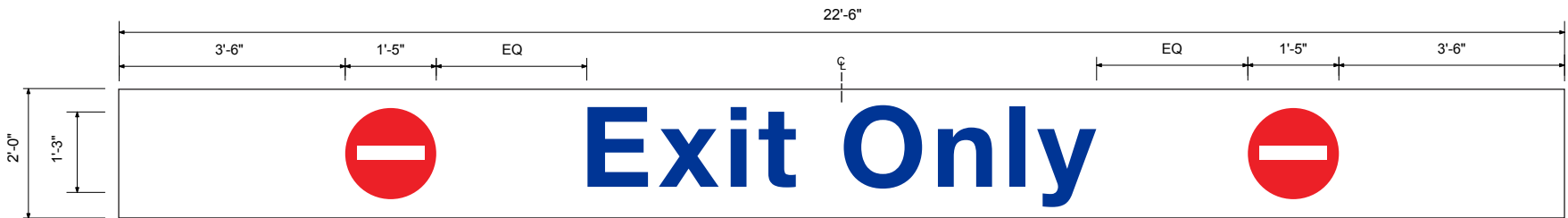
Font
Helvetica Neue 75 Bold



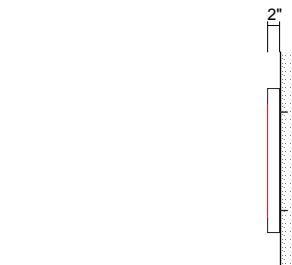
3 CONTEXT ELEVATION - TYPICAL



1 TOP VIEW



2 FRONT ELEVATION - EXIT



4 SIDE VIEW

D108-V

KEEP CLEAR CAUTION PLAQUE

DIRECTION SIGNAGE – EXTERIOR/INTERIOR

Function

Pedestrian regulation sign.

Location

Along clearance path; at dangerous areas.

Material & Construction

Sign panel of .080 gauge aluminum; painted.

Configuration

1 face.

Message

Painted copy on first surface.
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

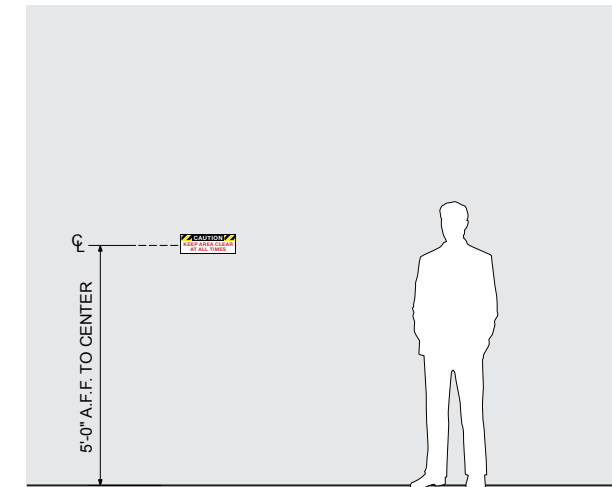
Non-illuminated.

Mounting

Blind mount flush to wall.

Font

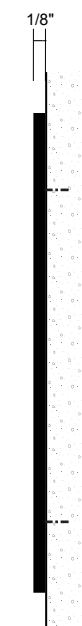
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

D109-V

TERMINAL ENTRANCE DECALS

DIRECTION SIGNAGE –
EXTERIOR/INTERIOR

Function
Pedestrian regulation sign.

Location
At entrance doors along clearance path.

Material & Construction
Vinyl; matte white.

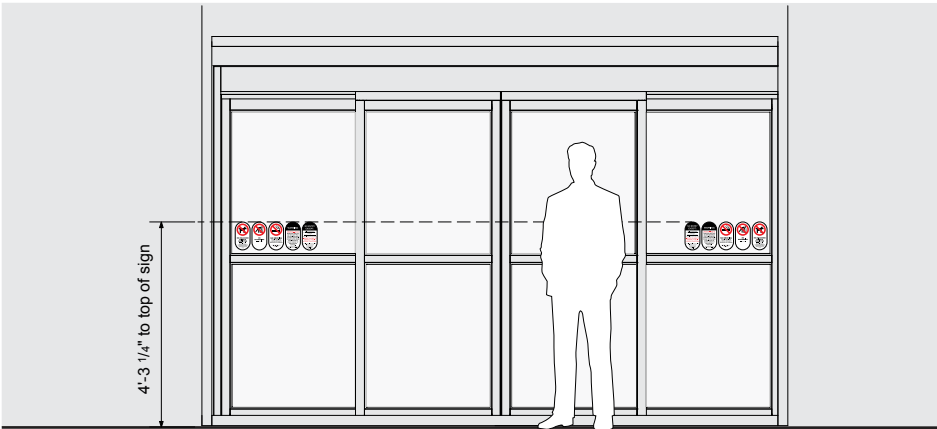
Configuration
1 face.

Message
Printed copy on first surface.
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

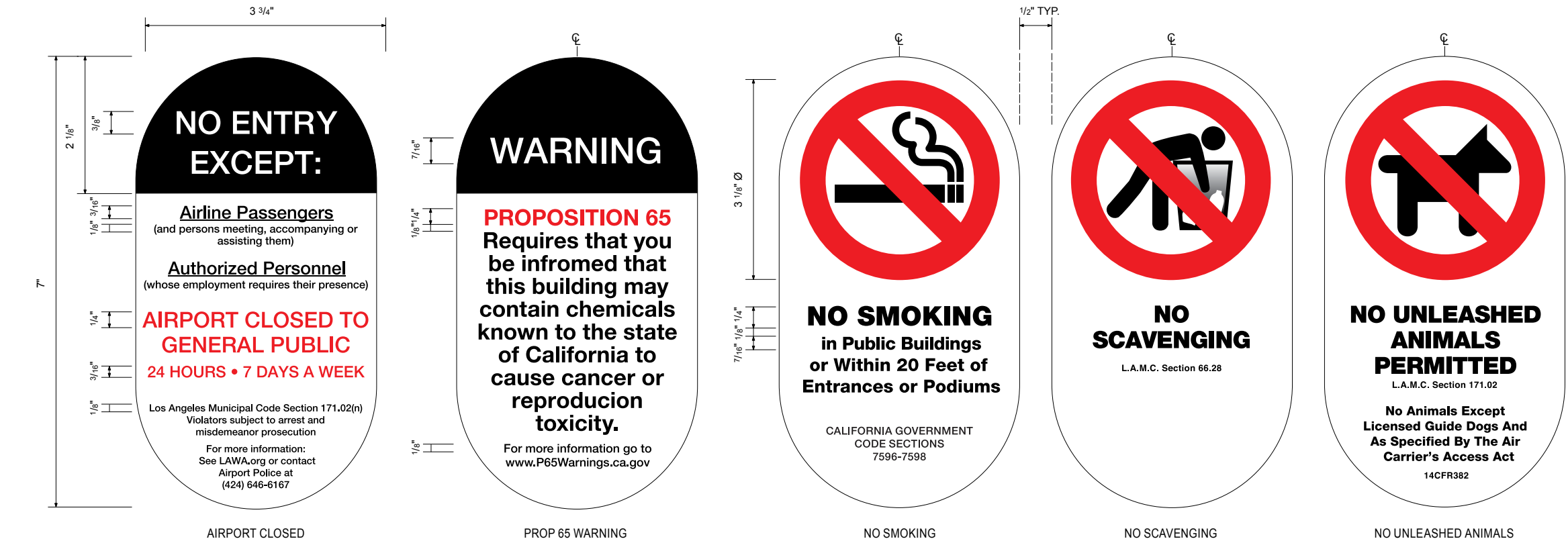
Mounting
Adhere flush to door.

Fonts
Helvetica Neue 65
Helvetica Neue 75 Bold
Helvetica Neue 77 Bold Condensed
Helvetica Neue 85 Heavy



2 CONTEXT ELEVATION

(CALIFORNIA GOVERNMENT
CODE SECTIONS 7596-7598)



1 FACE VIEW

D110-V

TERMINAL ENTRANCE DOOR IDENTITY

**DIRECTION SIGNAGE –
EXTERIOR/INTERIOR**

Function
Terminal entrance sign.

Location
Located above building
entrance; local codes apply.

Material & Construction
Characters of cut vinyl; matte white.

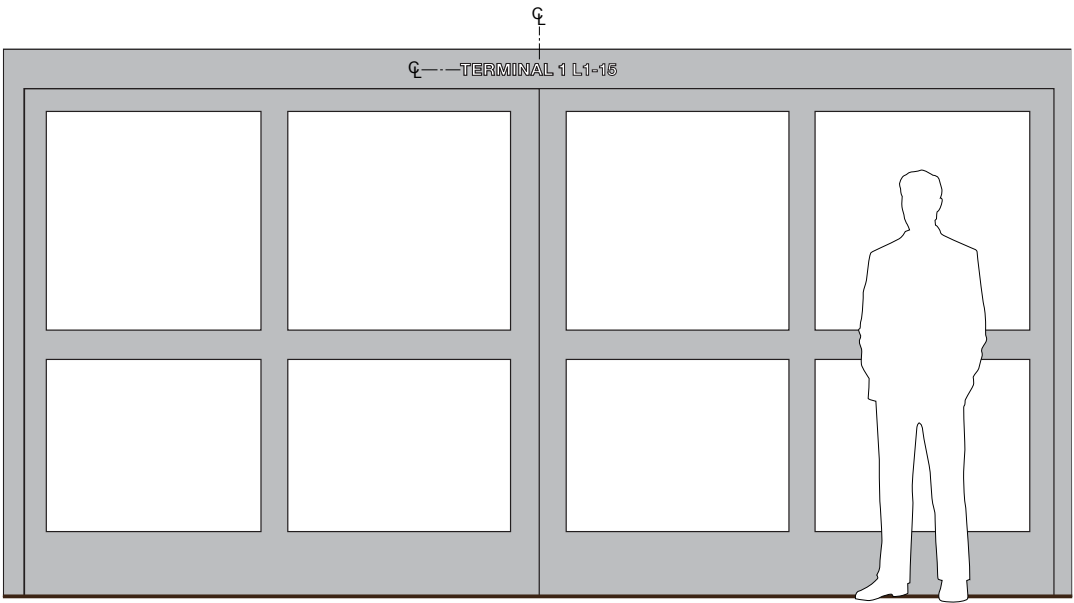
Configuration
1 face.

Message
Terminal name applied to first surface of
door frame head jamb. Message shown
is representational only; actual verbiage
will vary and must be approved by the
LAWA Signage & Graphics Manager.

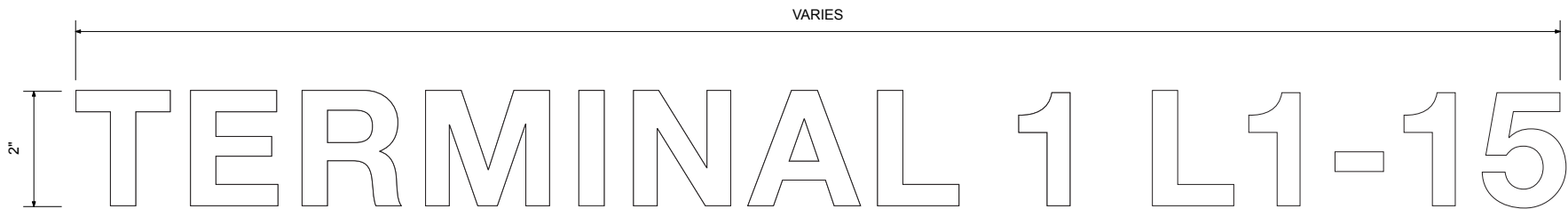
Illumination
Non-illuminated.

Mounting
Adhere flush to door frame head jamb.

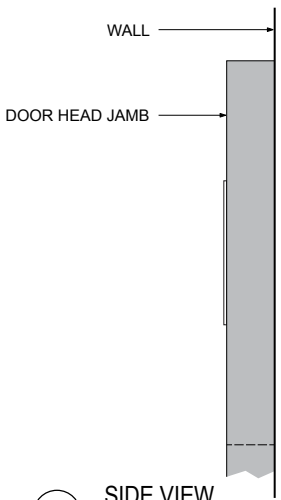
Fonts
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION - TYPICAL



1 FRONT ELEVATION



3 SIDE VIEW

D111-V

AIRPORT CLOSED WARNING PANEL

DIRECTION SIGNAGE –
EXTERIOR/INTERIOR

Function
Pedestrian regulation sign.

Location
At gates, fences, parking, elevators, walls, and irregular surfaces.

Material & Construction
Sign panel of .063 gauge aluminum; painted.

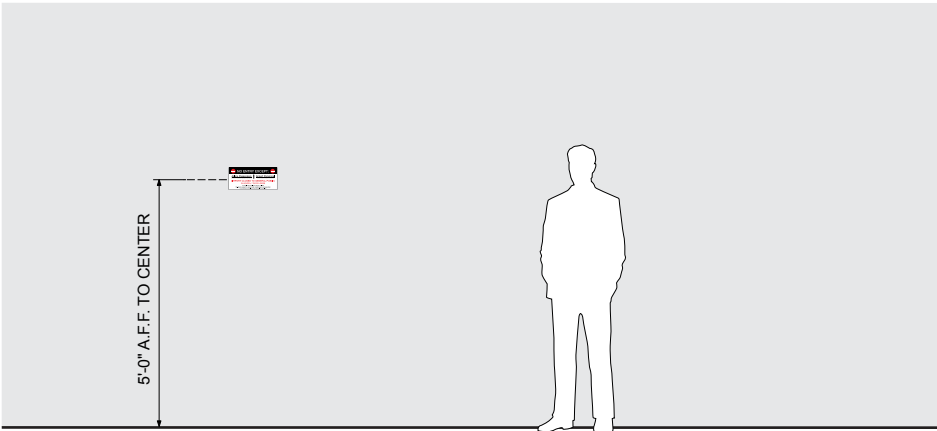
Configuration
1 face.

Message
Direct print copy on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

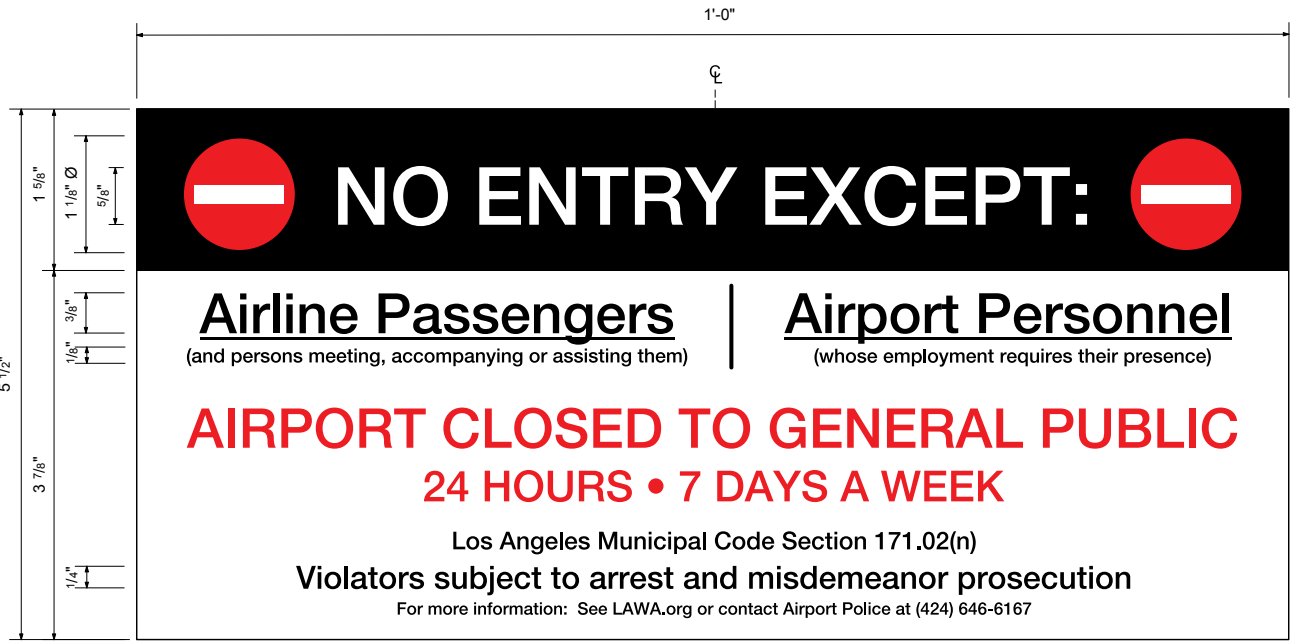
Fonts
Helvetica Neue 65
Helvetica Neue 75 Bold
Helvetica Neue 77 Bold Condensed



2 CONTEXT ELEVATION



3 SIDE VIEW



1 FACE VIEW

D115-G

AIRTRAIN CONDUCT PYLON

MISCELLANEOUS SIGNAGE – INTERIOR/EXTERIOR

Function
Airtrain station conduct rules.

Location
At key viewing areas.

Material & Construction
Sign cabinet of stainless steel;
#4 horizontal brush finish.

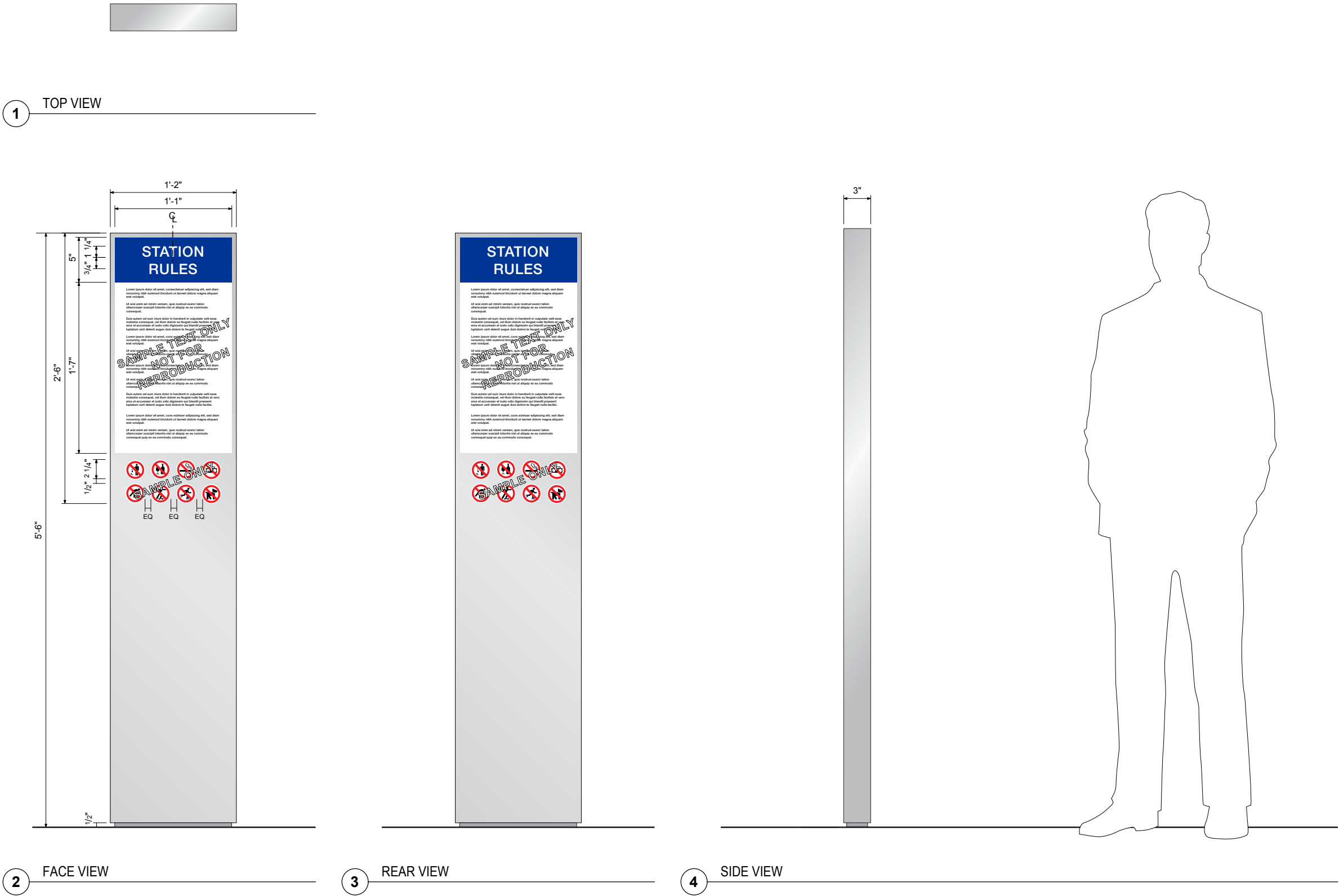
Configuration
1 or 2 faces.

Message
Painted message area with Direct print copy on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Cabinet structure attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 65 Medium



D116-V

STATION RULES PLAQUE

MISCELLANEOUS SIGNAGE – EXTERIOR

Function
Airtrain station conduct rules.

Location
On station information pylons.

Material & Construction
Sign panel of .015 gauge transparent polycarbonate.

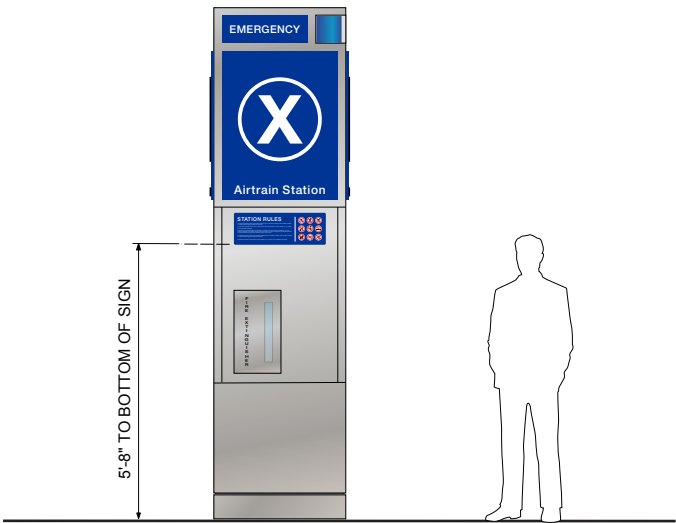
Configuration
1 face.

Message
Direct-to-surface printing on second surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

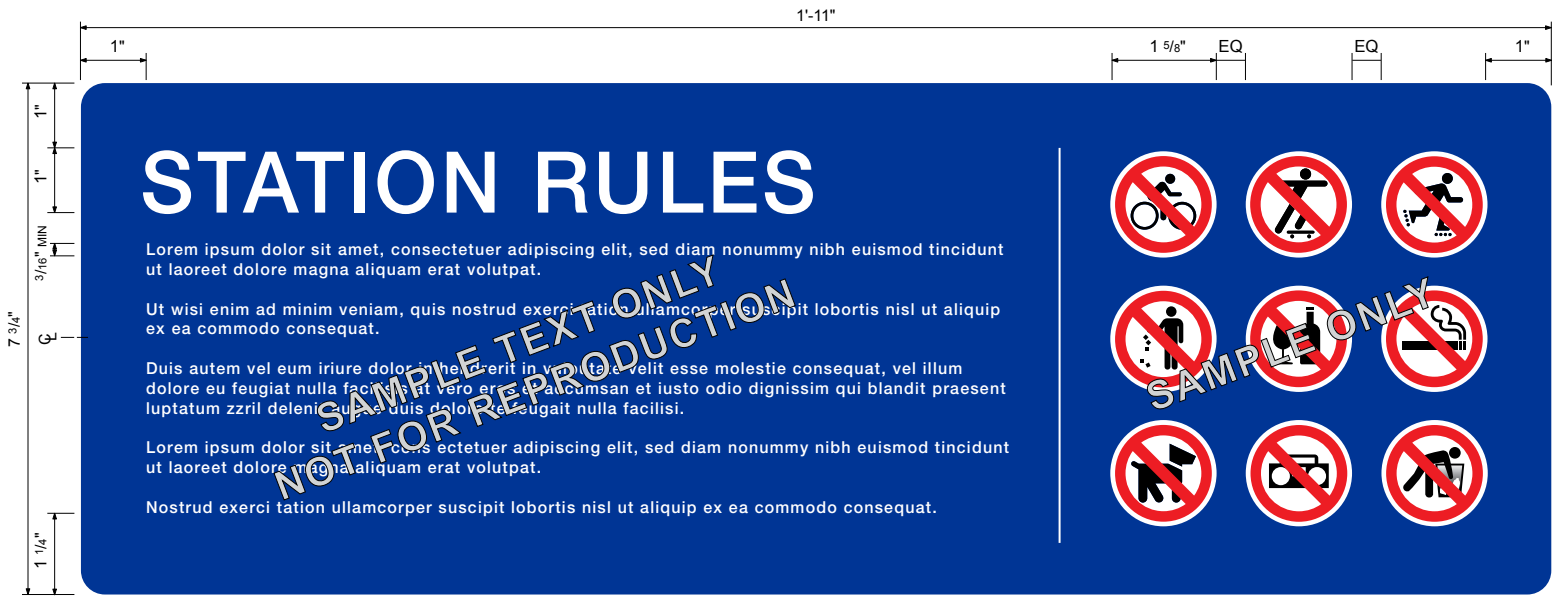
Illumination
Non-illuminated.

Mounting
Adhere flush to face of pylon.

Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW

3 SIDE VIEW

D500-V

DOOR TAG IDENTITY

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Room identification.

Location
Center of overhead door frame.

Material & Construction
Sign panel of .040 gauge aluminum;
with laminated matte vinyl.

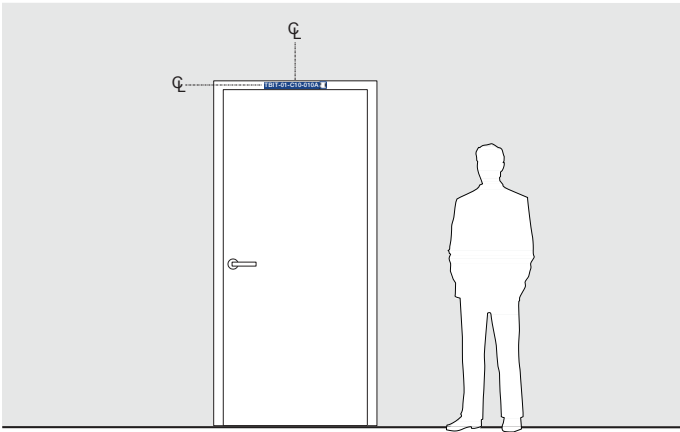
Configuration
1 face.

Message
Digital print copy on first surface.
Message shown is representational only;
actual verbiage will vary and must be
approved by the LAWA Signage & Graphics
Manager QR Code printed on sticky label
paper and stuck to sign. Refer to Facility
Naming Standards. Each door tag gets a
unique QR Code.

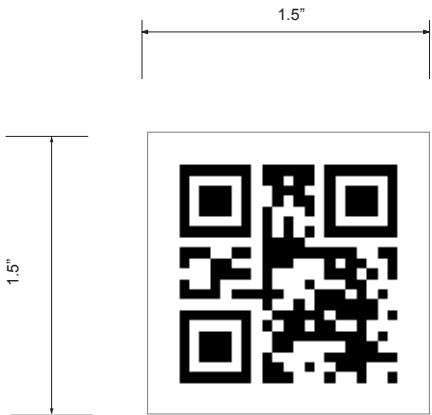
Illumination
Non-illuminated.

Mounting
Adhere flush to door frame head jamb.

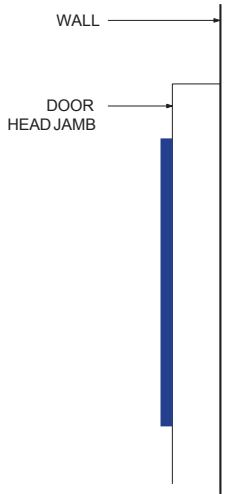
Font
Helvetica Neue 65 Medium



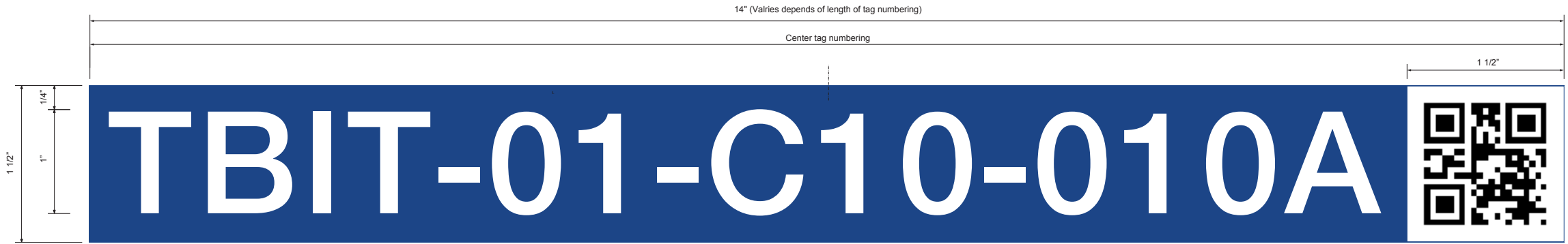
1 CONTEXT ELEVATION



2 QR Codes Details



3 SIDE VIEW



4 FACE VIEW

D501-V

ROOM IDENTITY PLAQUE

REGULATION SIGNAGE – INTERIOR

Function
Room identification.

Location
At every door.

Material & Construction
Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

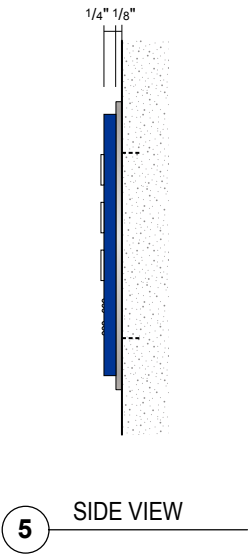
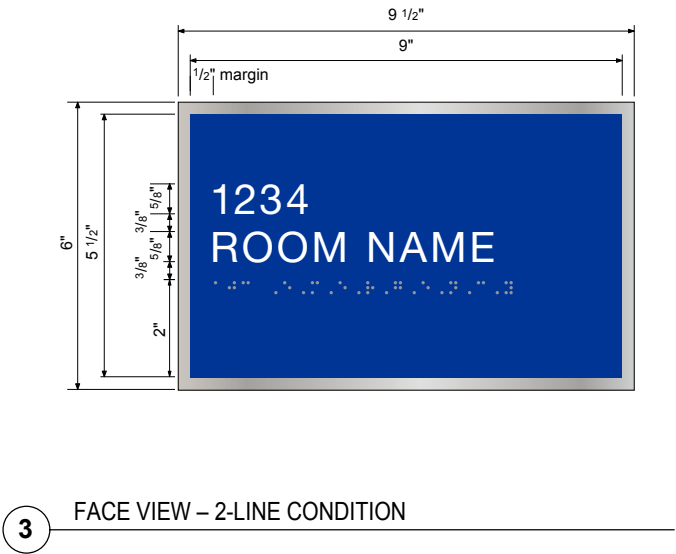
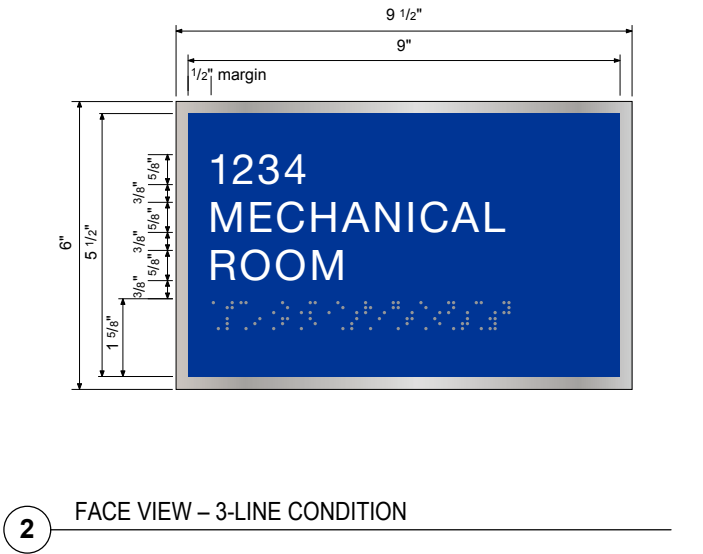
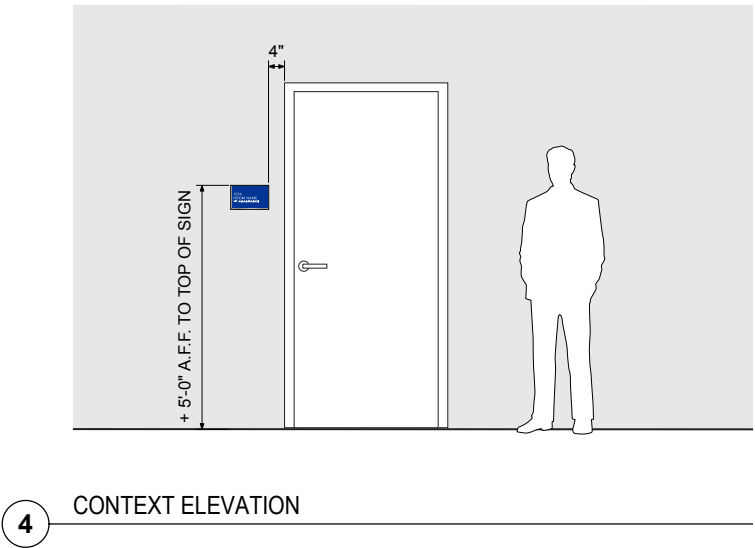
Configuration
1 face.

Message
Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

Font
Helvetica Neue 55 Roman



D502-V

EXIT ROUTE PLAQUE

REGULATION SIGNAGE – INTERIOR

Function
Exit route identification.

Location
Along exit route.

Material & Construction
Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
1 face.

Message
Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

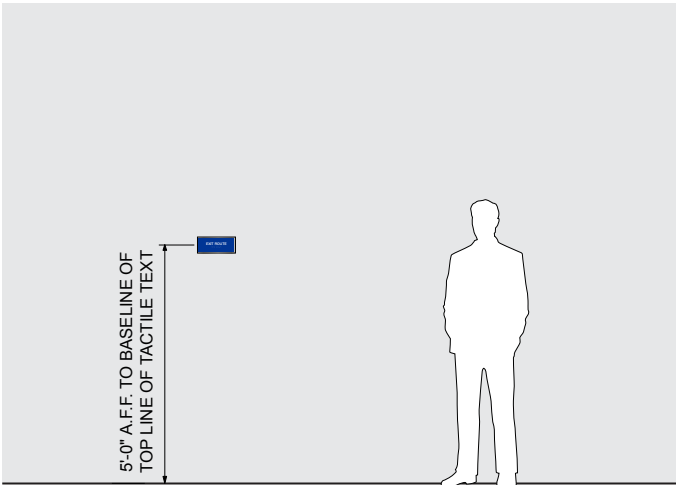
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

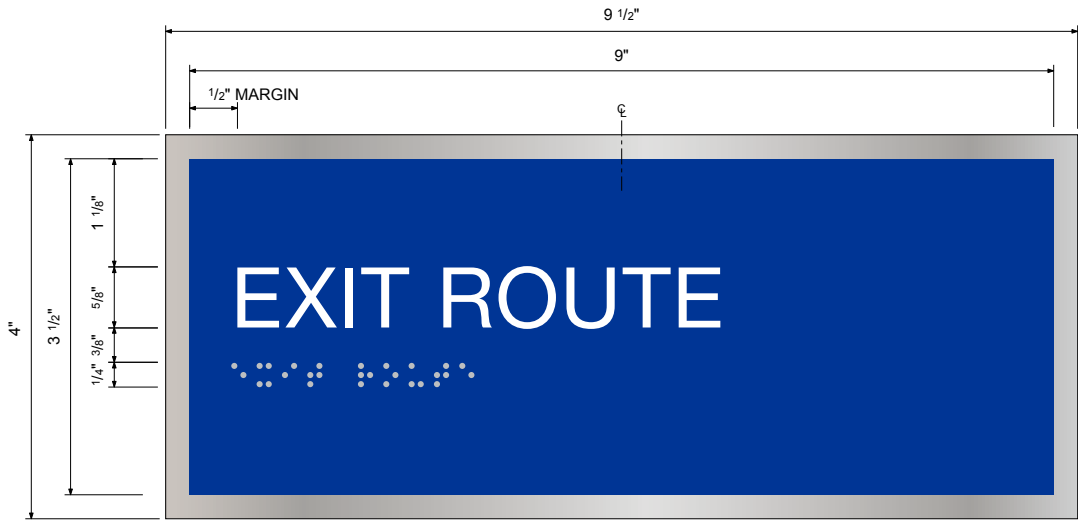
Font
Helvetica Neue 55 Roman



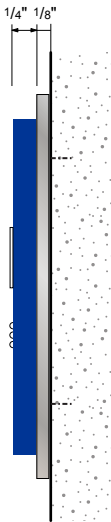
1 TOP VIEW



3 CONTEXT ELEVATION



2 FACE VIEW



4 SIDE VIEW

D503-V

TACTILE EXIT STAIR IDENTITY

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Stair exit identification.

Location
At every exit stair door entrance.

Material & Construction
Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

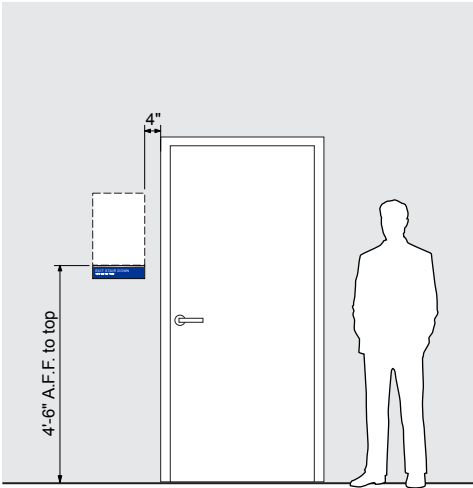
Configuration
1 face.

Message
Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

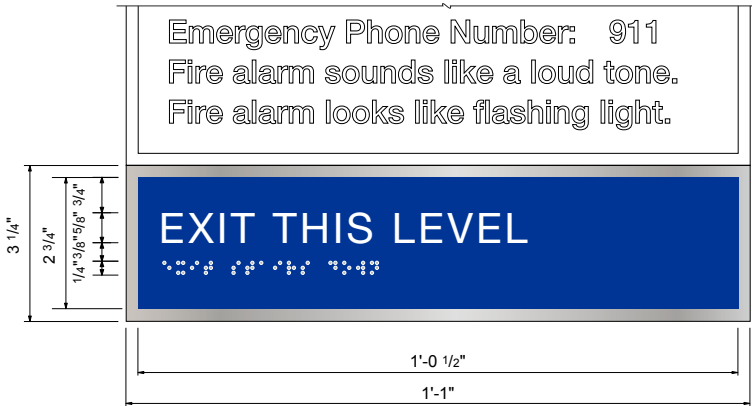
Font
Helvetica Neue 55 Roman



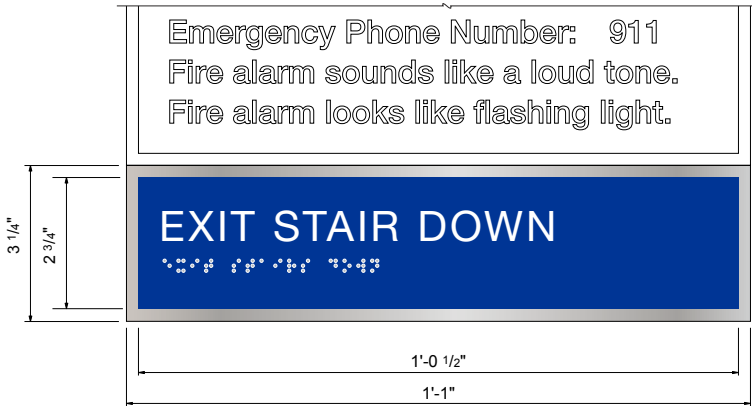
4 CONTEXT ELEVATION



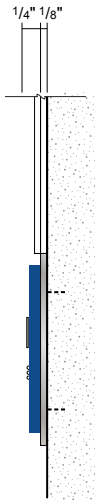
1 TOP VIEW



2 FACE VIEW



3 ALTERNATE FACE VIEW



5 SIDE VIEW

D504-V

LIFE SAFETY PLAQUE

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Emergency information.

Location
At every elevator landing.

Material & Construction
Quality stainless steel; # 4
horizontal brush finish. Acrylic
backer plate to match sign face
alignment flush to depth of call button
plate; painted metallic silver.

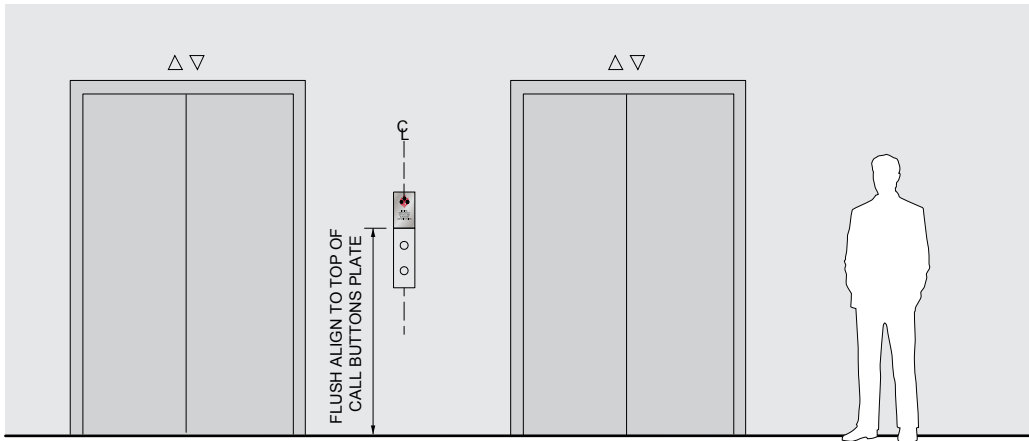
Configuration
1 face.

Message
Copy etched to 1/32" depth;
painted. Anti-graffiti satin clear
coat on all painted surfaces.

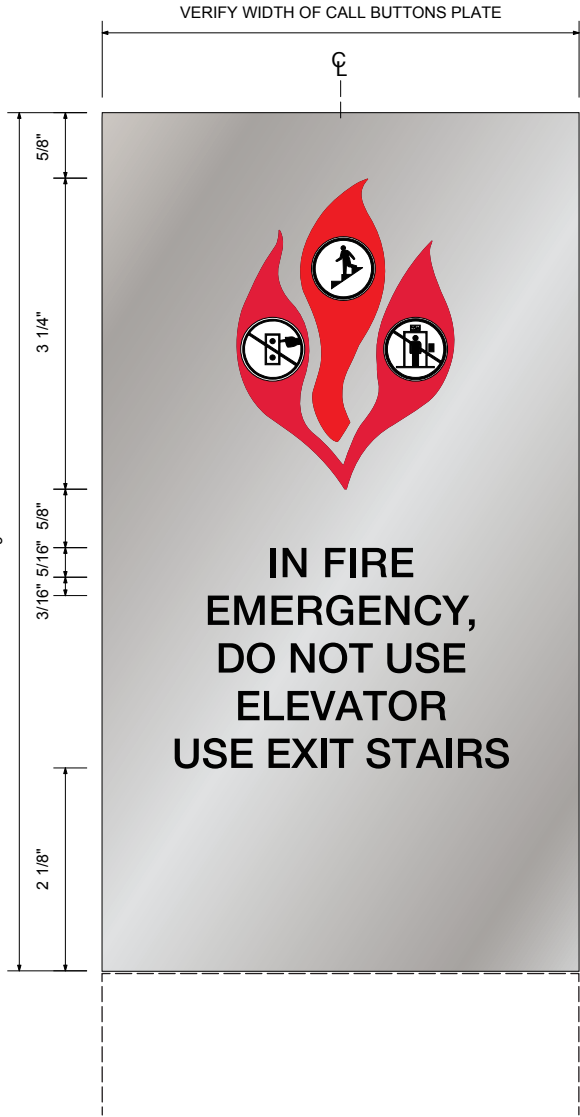
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

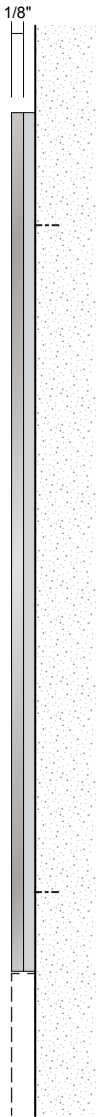
Font
Helvetica Neue 65 Medium



3 CONTEXT ELEVATION



1 FACE VIEW



2 SIDE VIEW

D505-V

EVACUATION PLAN

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Emergency evacuation plan.

Location
At elevator landings, the entrance to every egress stairwell on each floor/level, immediately inside all public entrances to a public building, and as otherwise indicated by local code requirements.

Material & Construction
Backer panel of .080 gauge aluminum; #4 horizontal brush finish on edges. Message panel of .080 gauge aluminum. Anti-graffiti satin clear coat on all painted surfaces.

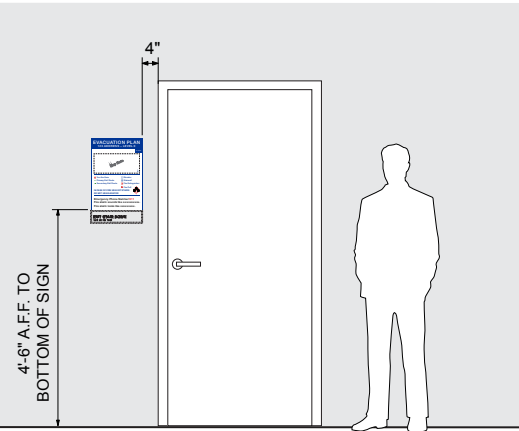
Configuration
1 face.

Message
Direct-to-surface printing on first surface. Map must identify stair number. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

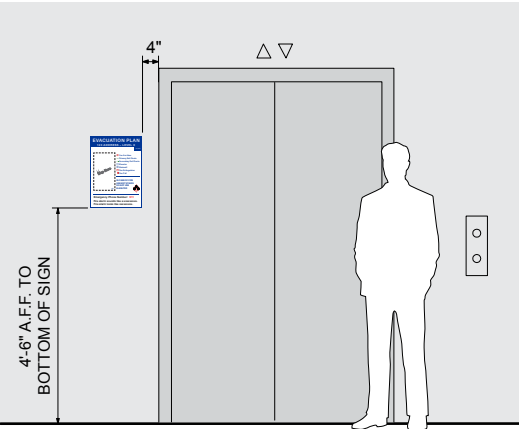
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

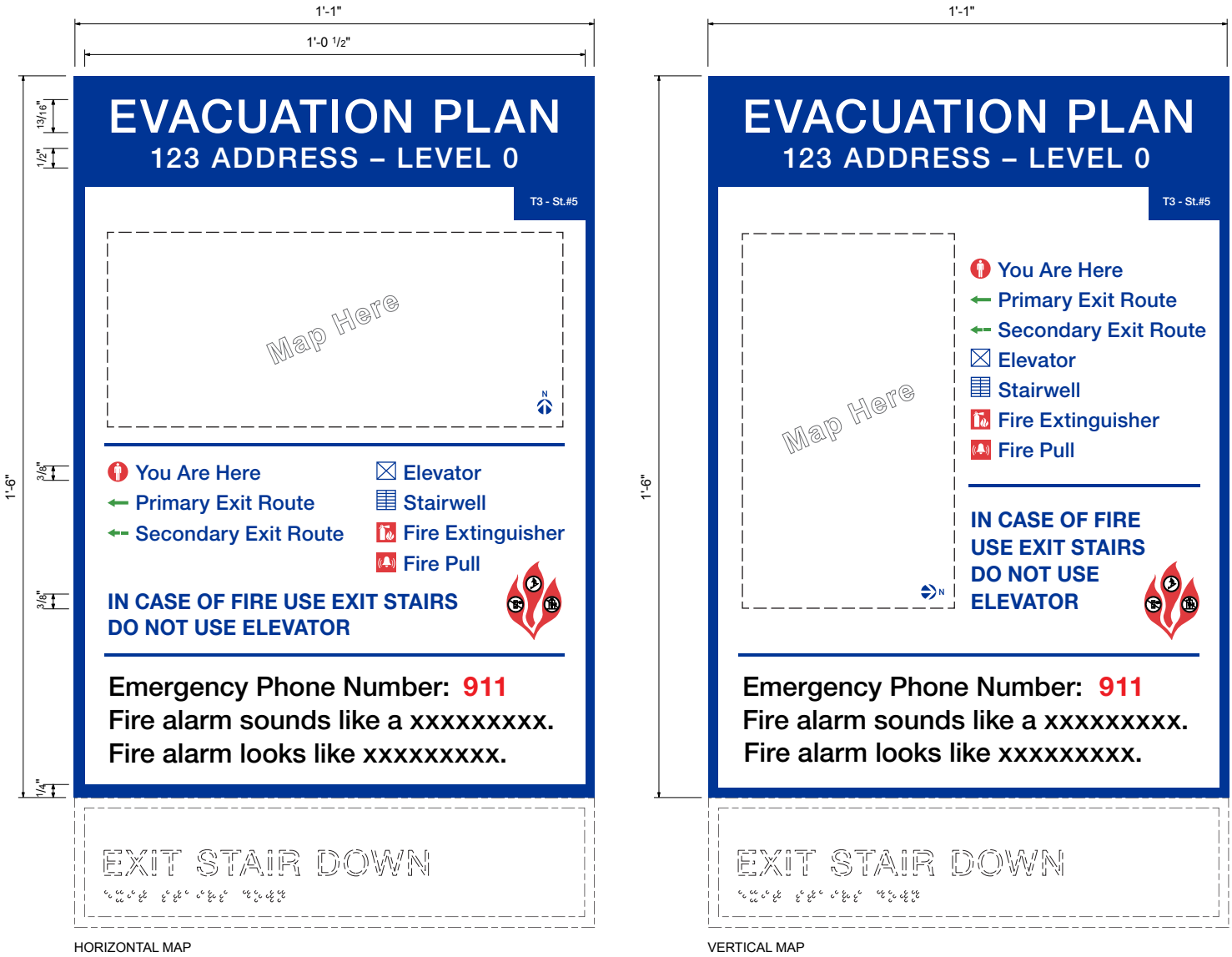
Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



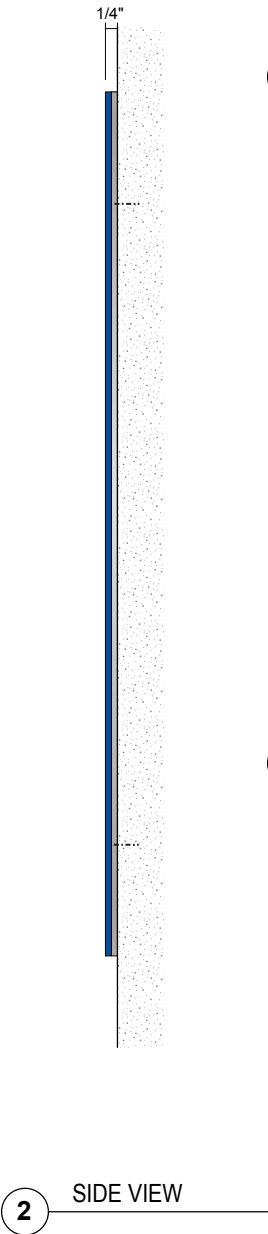
3 CONTEXT ELEVATION – EGRESS STAIRS



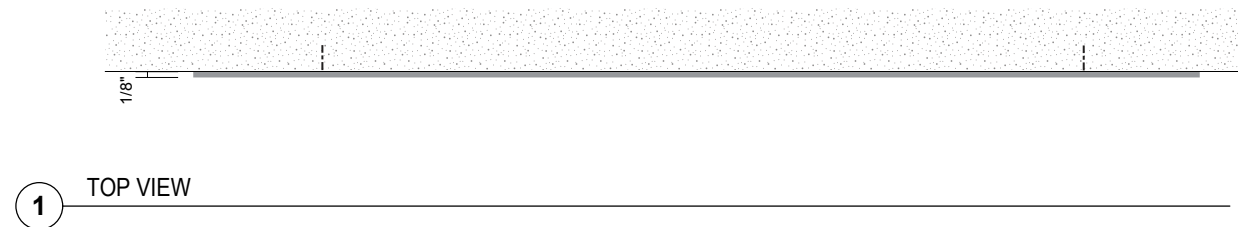
4 CONTEXT ELEVATION – ELEVATOR LANDING



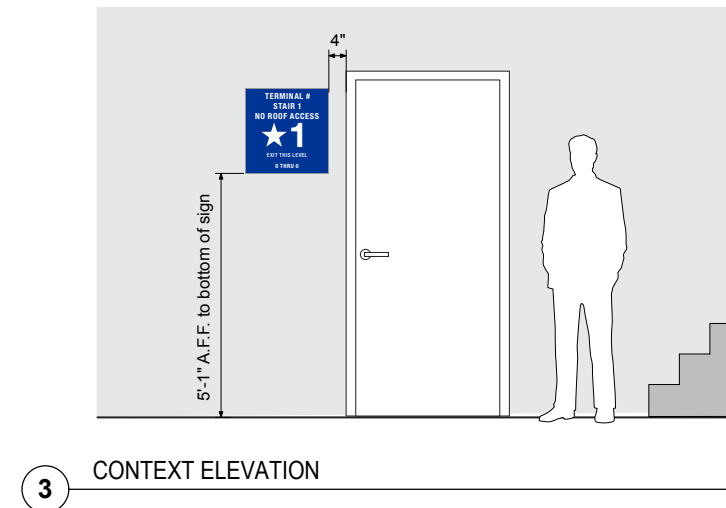
1 FACE VIEWS



2 SIDE VIEW



2 FACE VIEW – NON-DISCHARGE LEVELS



4 FACE VIEW – DISCHARGE LEVELS

D506-V

STAIRWELL IDENTITY PANEL

REGULATION SIGNAGE – INTERIOR

Function

Stairwell level identification.

Location

At every stairwell landing exit door.

Material & Construction

Panel of 1/8" thick aluminum; painted border, background, and copy. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Direct-to-surface printing copy on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

Non-illuminated.

Mounting

Blind mount flush to wall.

Fonts

Helvetica Neue 77 Bold Condensed
Helvetica Neue 75 Bold
Helvetica Neue 67 Medium Condensed

D508-V

TACTILE STAIRWELL LEVEL IDENTITY PLAQUE

REGULATION SIGNAGE – INTERIOR

Function
Stair level ADA identification.

Location
At every stairwell level door.

Material & Construction
Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

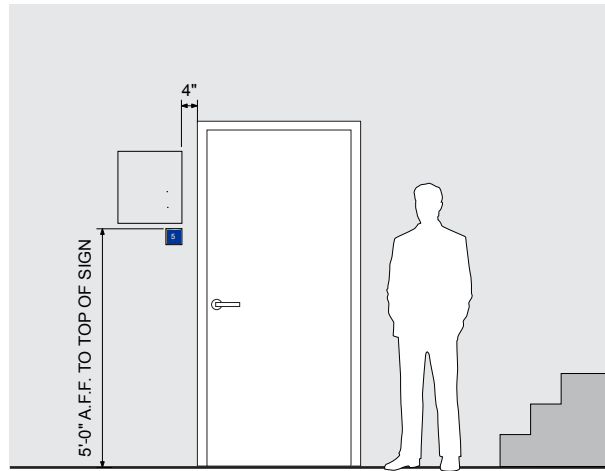
Configuration
1 face.

Message
Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

Font
Helvetica Neue 55 Roman



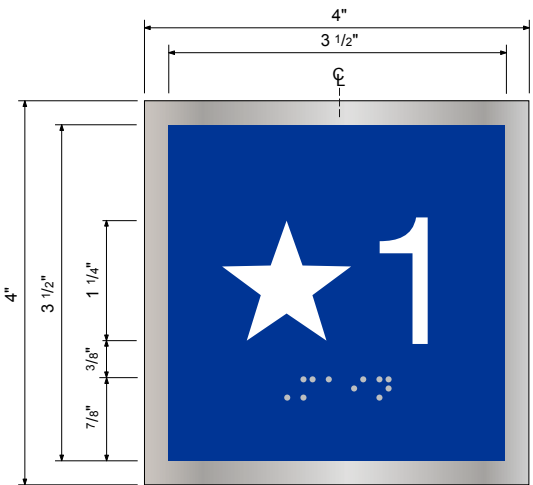
4 CONTEXT ELEVATION



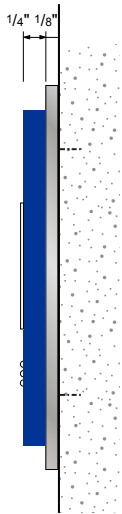
1 LAYOUTS



2 TOP VIEW



3 FACE VIEW



4 SIDE VIEW

D509-VL

AREA OF EVACUATION STAIR IDENTITY

REGULATION SIGNAGE – INTERIOR

Function
Area of Evacuation Assistance
exit route identification.

Location
At Area of Evacuation Assistance stairs.

Material & Construction
Cabinet frame of .080 gauge aluminum;
#4 horizontal brush finish. Top message
panel of translucent acrylic with opaque
background. Light box recessed into
wall (preferred). Bottom message panel
of acrylic; painted. Anti-graffiti satin
clear coat on all painted surfaces.

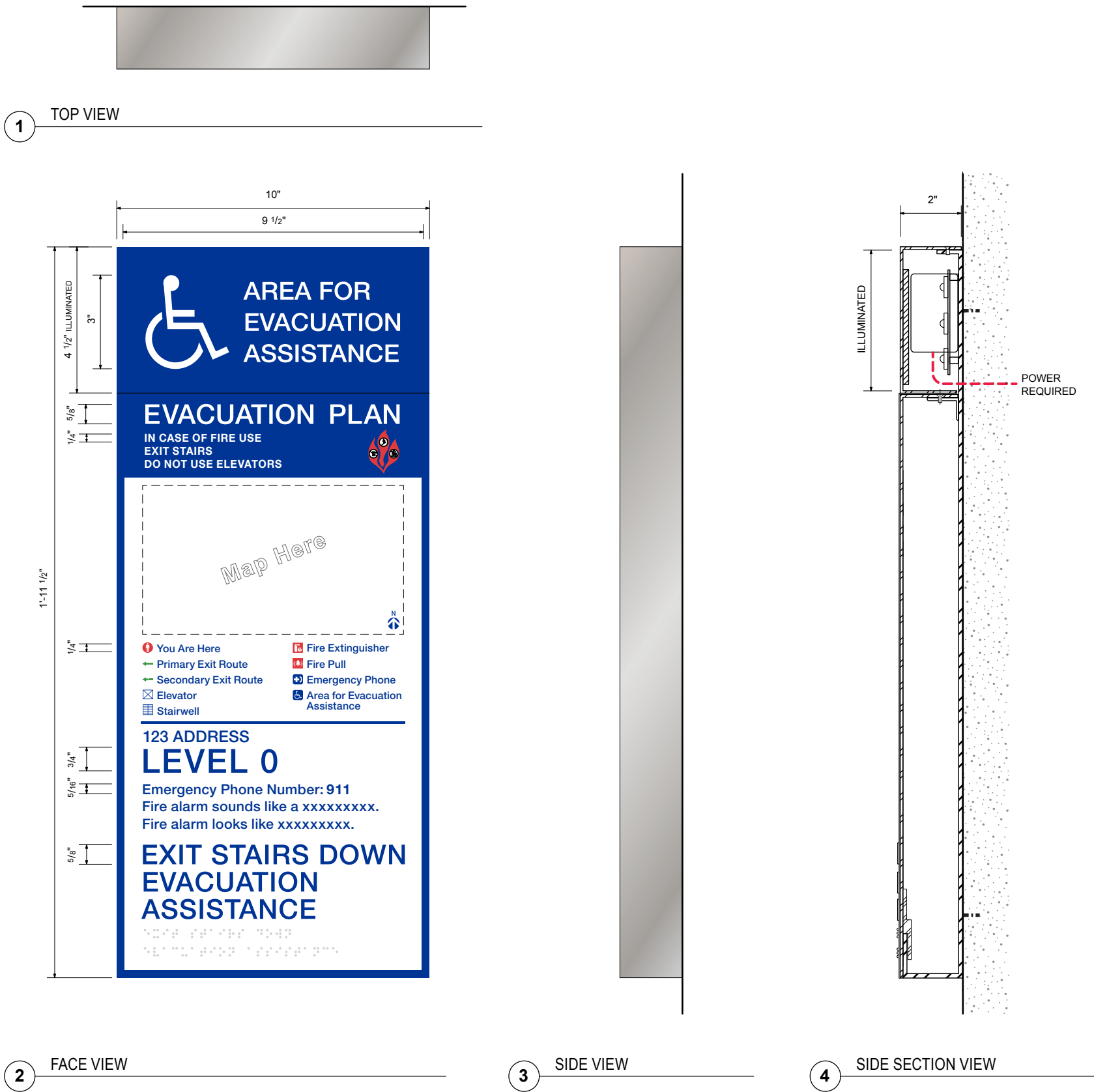
Configuration
1 face.

Message
Top message copy back lit. Bottom
message Direct-to-surface printing on
first surface and integral 1/32" raised
tactile copy and California Contracted
Grade 2 Braille; clear. Message shown
is representational only; actual verbiage
will vary and must be approved by the
LAWA Signage & Graphics Manager.

Illumination
Through-the-face internal LED array at
top message area only; power connected
to building emergency power source.

Mounting
Blind mount flush to wall.

Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



D510-VL

AREA OF EVACUATION IDENTITY BOX

REGULATION SIGNAGE – INTERIOR

Function

Area of Evacuation Assistance
exit route identification.

Location

At Area of Evacuation
Assistance stair locations.

Material & Construction

Sign box of .080 gauge aluminum;
painted LAWA Silver. Message panel
of translucent acrylic with opaque
background; painted; Internal
illumination by LED array; light box
recessed into wall per site (preferred).

Configuration

1 face.

Message

Copy back lit.

Illumination

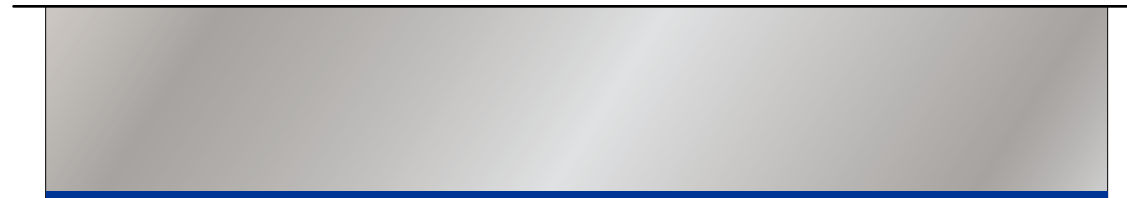
Through-the-face internal LED
array connected to building
emergency power source.

Mounting

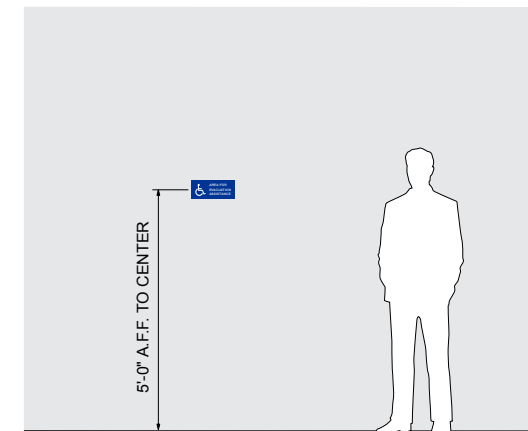
Blind mount flush to wall with
bracket clip. Alternate mount to
wall cavity; per site location.

Font

Helvetica Neue 65 Medium



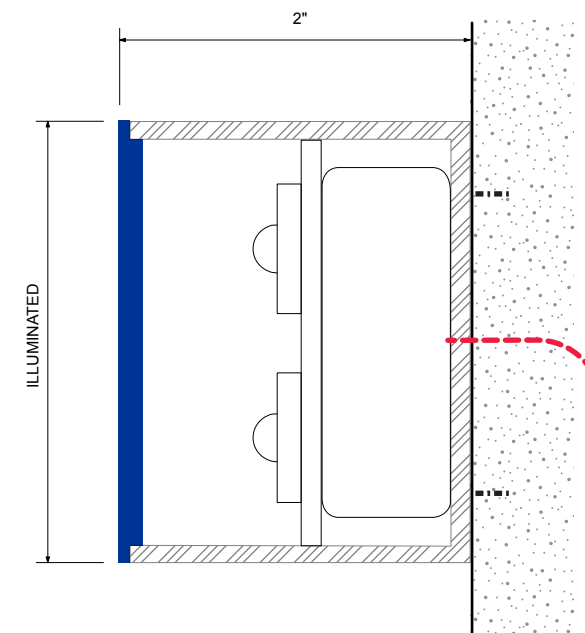
1 TOP VIEW



3 CONTEXT ELEVATION



2 FACE VIEW



4 SIDE SECTION VIEW

D512-V

AREA OF EVACUATION PLAQUE

REGULATION SIGNAGE – INTERIOR

Function

Area of Evacuation Assistance
exit route identification.

Location

At Area of Evacuation
Assistance stair locations.

Material & Construction

Panel frame of .080 gauge aluminum; #4
horizontal brush finish. Message panel
of 1/4" thick acrylic; painted. Anti-graffiti
satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Direct-to-surface printing on first surface.
Message shown is representational
only; actual verbiage will vary and
must be approved by the LAWA
Signage & Graphics Manager.

Illumination

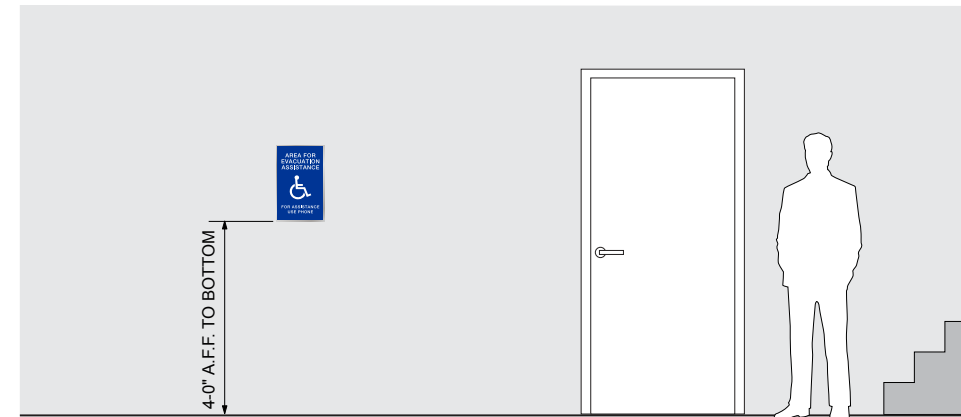
Non-illuminated.

Mounting

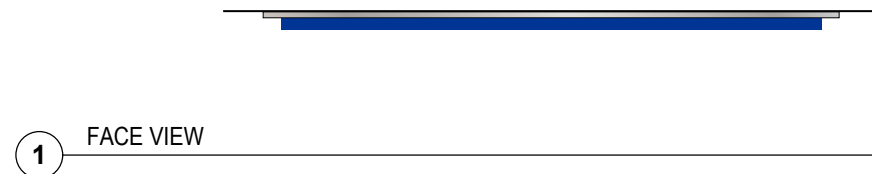
Blind mount flush to wall.

Font

Helvetica Neue 65 Medium



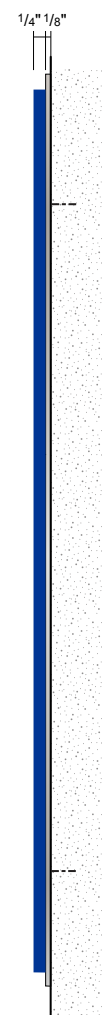
3 CONTEXT ELEVATION



1 FACE VIEW



2 FACE VIEW



3 SIDE VIEW

D513-V

MAXIMUM OCCUPANCY PLAQUE

REGULATION SIGNAGE – INTERIOR

Function

Room identification.

Location

At every door; interior side of room.

Material & Construction

Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

Non-illuminated.

Mounting

Blind mount flush to wall.

Font

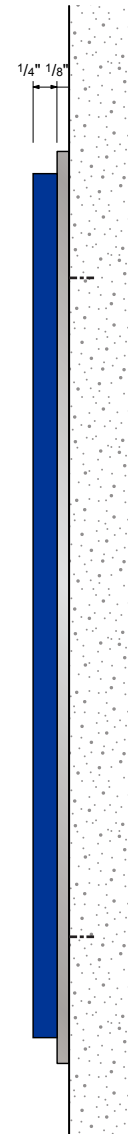
Helvetica Neue 65 Medium

1 TOP VIEW

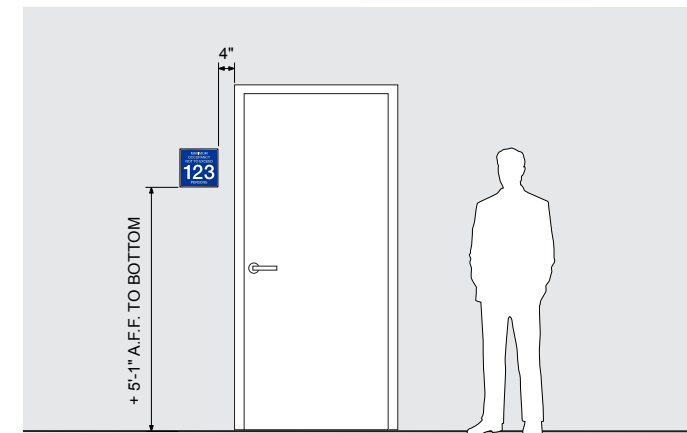


2 FACE VIEW

3 SIDE VIEW



4 CONTEXT ELEVATION



D514-V

DO NOT ENTER GATE PANEL

REGULATION SIGNAGE – INTERIOR

Function

Pedestrian regulation.

Location

At inaccessible gates.

Material & Construction

1/4" thick aluminum; painted.
Anti-graffiti satin clear coat
on all painted surfaces.

Configuration

1 face.

Message

Direct-to-surface printing on first surface.
Message shown is representational
only; actual verbiage will vary and
must be approved by the LAWA
Signage & Graphics Manager.

Illumination

Non-illuminated.

Mounting

Affix to gate structure; per condition.

Font

Helvetica Neue 75 Bold

**2** CONTEXT ELEVATION**3** SIDE VIEW**1** FACE VIEW

D516-V

TACTILE RESTROOM IDENTITY PLAQUE

REGULATION SIGNAGE – INTERIOR

Function
Restroom ADA identification.

Location
At every restroom door.

Material & Construction
Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

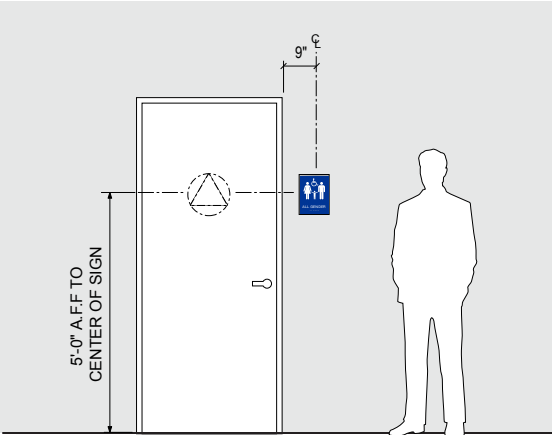
Configuration
1 face.

Message
Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Actual verbiage must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

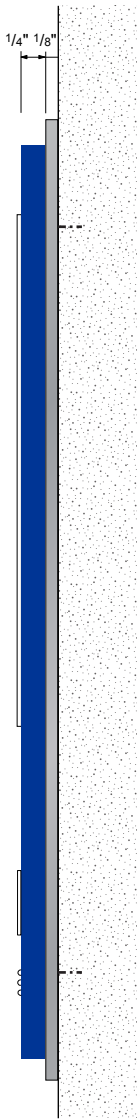
Font
Helvetica Neue 55 Roman



4 CONTEXT ELEVATION



1 FACE VIEW



2 SIDE VIEW



3 ALTERNATE MESSAGES

D517-V

RESTROOM IDENTITY DOOR PLAQUE

REGULATION SIGNAGE – INTERIOR

Function
Restroom Title 24 identification.

Location
At every restroom door.

Material & Construction
Message panel of 1/4" thick acrylic;
painted. Anti-graffiti satin clear
coat on all painted surfaces.

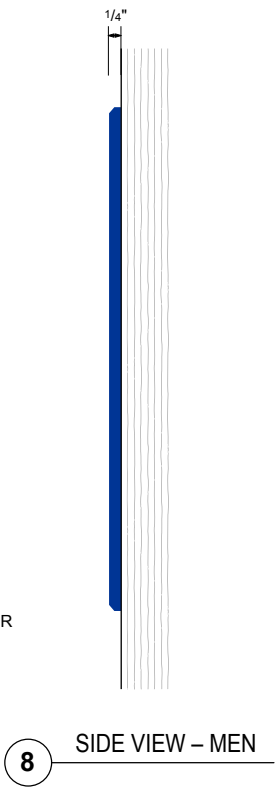
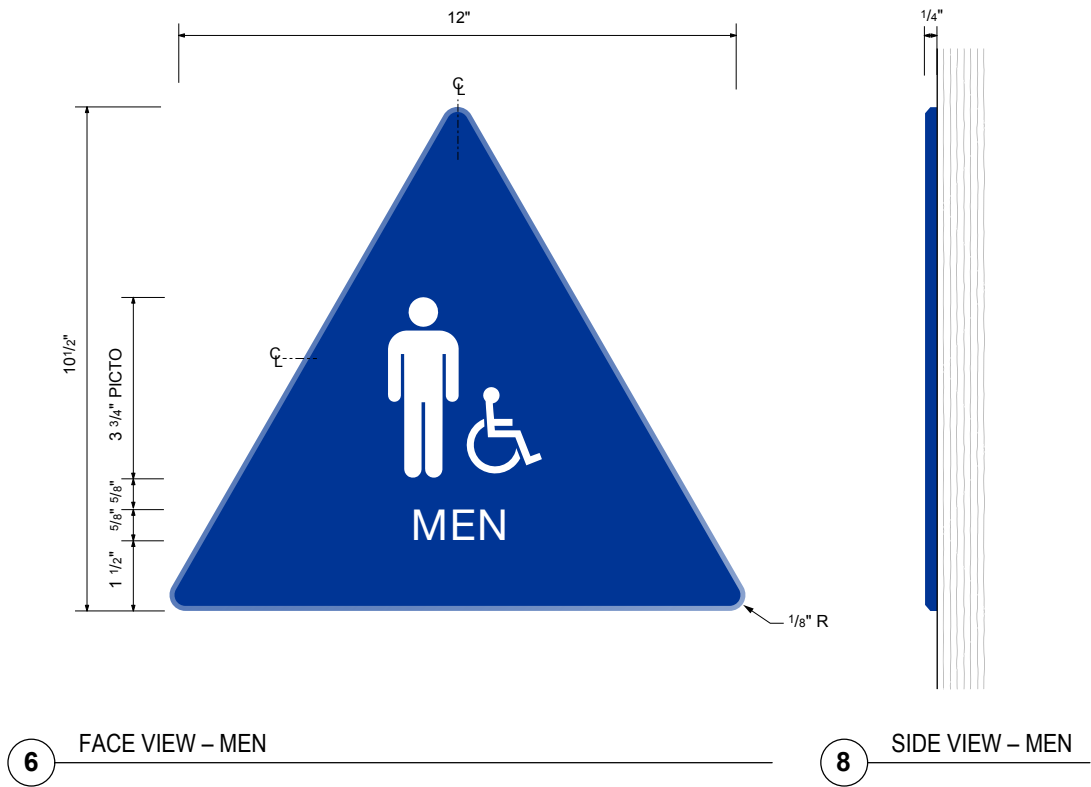
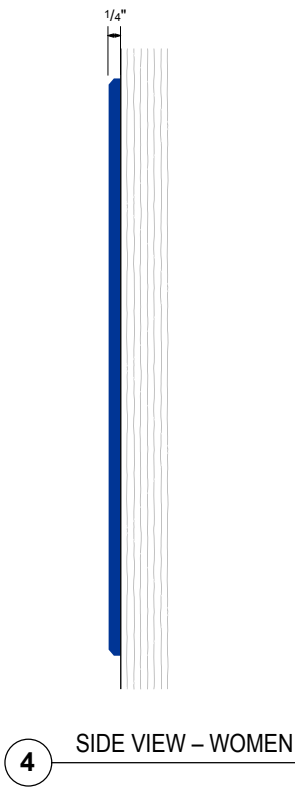
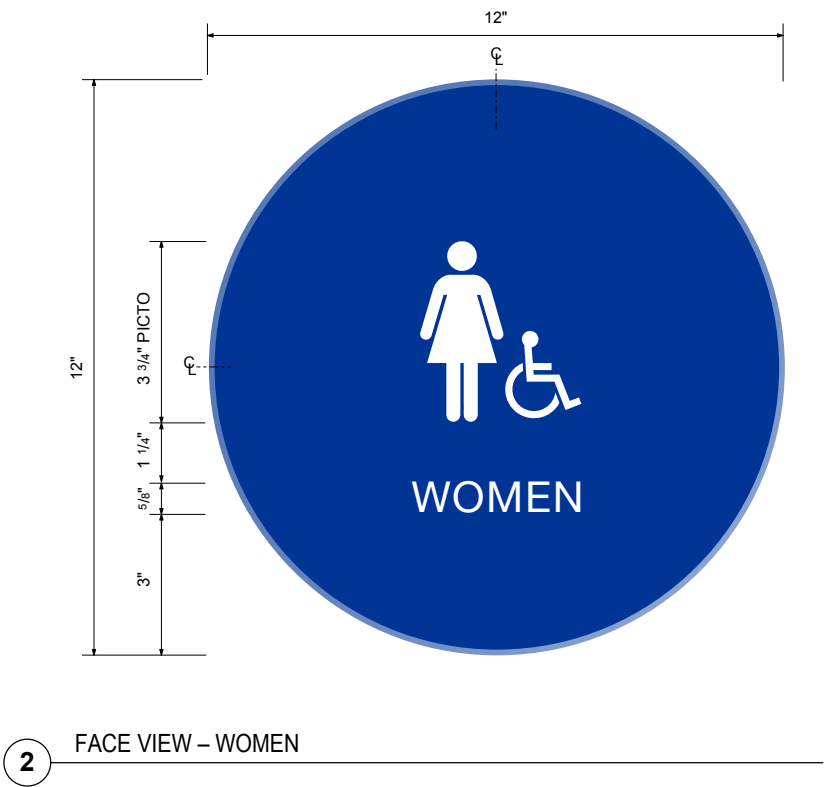
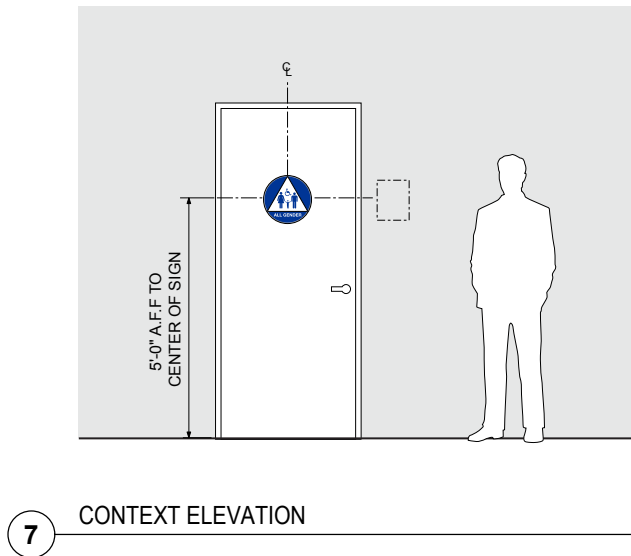
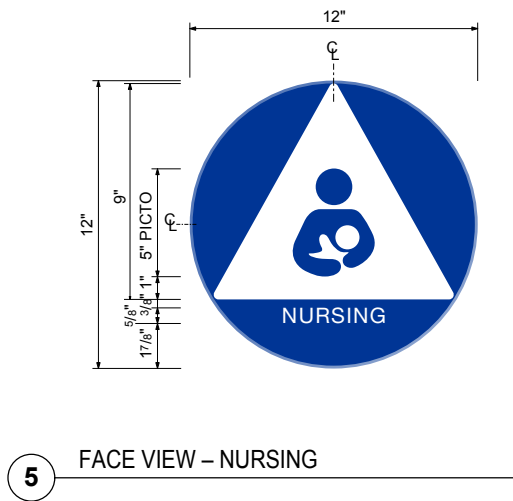
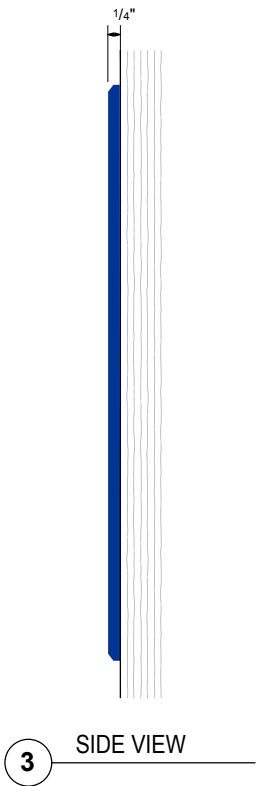
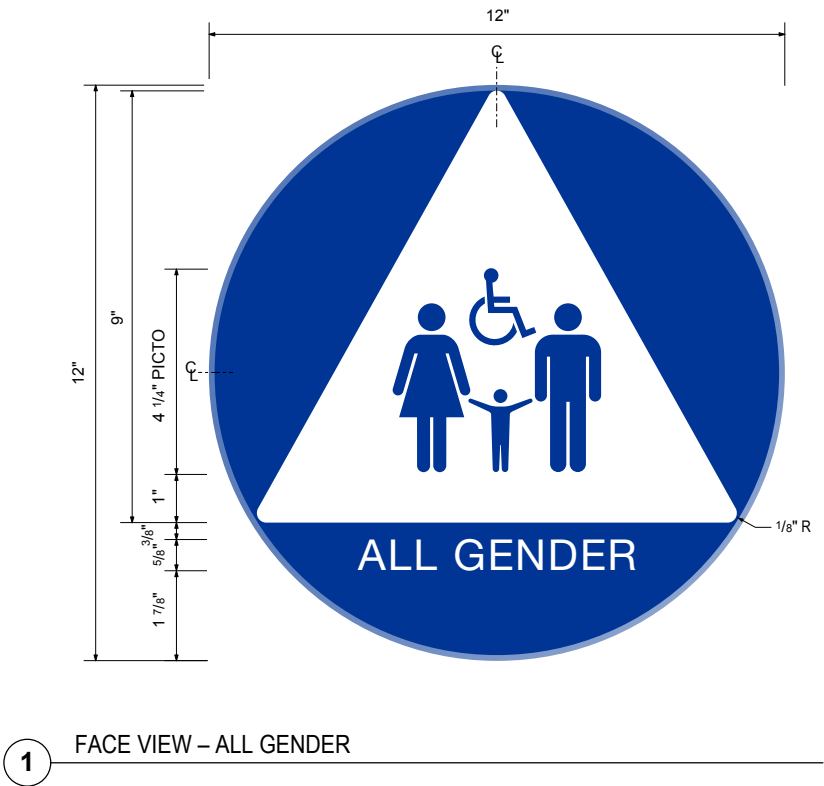
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

Illumination
Non-illuminated.

Mounting
Blind mount flush to door.

Font
Helvetica Neue 55 Roman



D518-V

TACTILE RESTROOM VESTIBULE IDENTITY

REGULATION SIGNAGE – INTERIOR

Function

Restroom ADA identification.

Location

At every restroom door.

Material & Construction

Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Integral 1/32" raised tactile copy; painted and California Contracted Grade 2 Braille; clear. Message shown is representational only; actual verbiage must be approved by the LAWA Signage & Graphics Manager.

Illumination

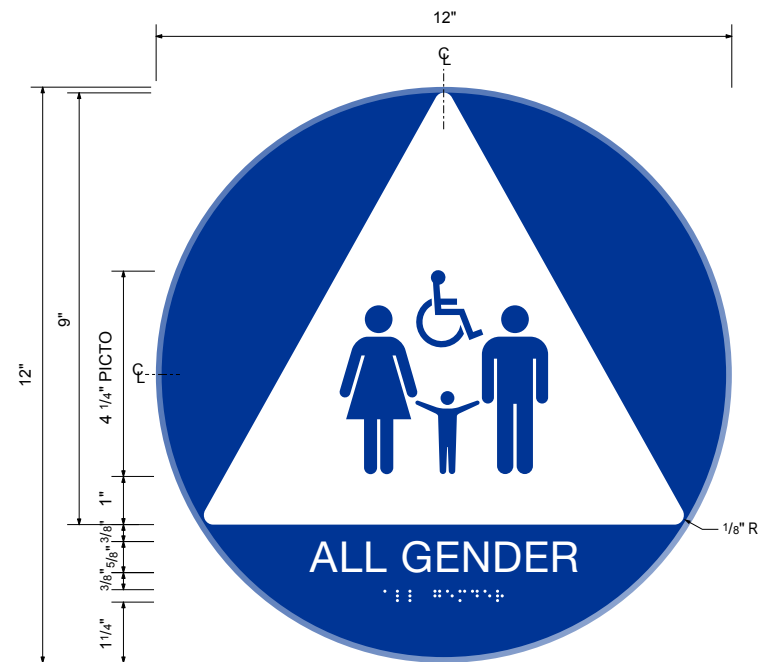
Non-illuminated.

Mounting

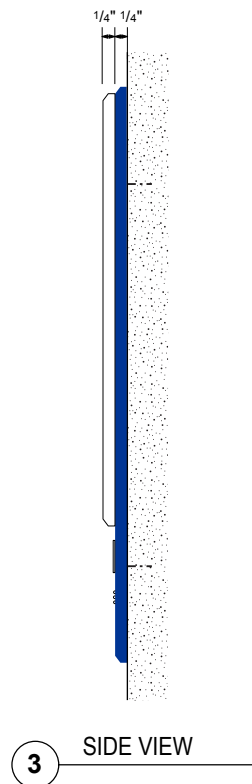
Blind mount flush to wall.

Font

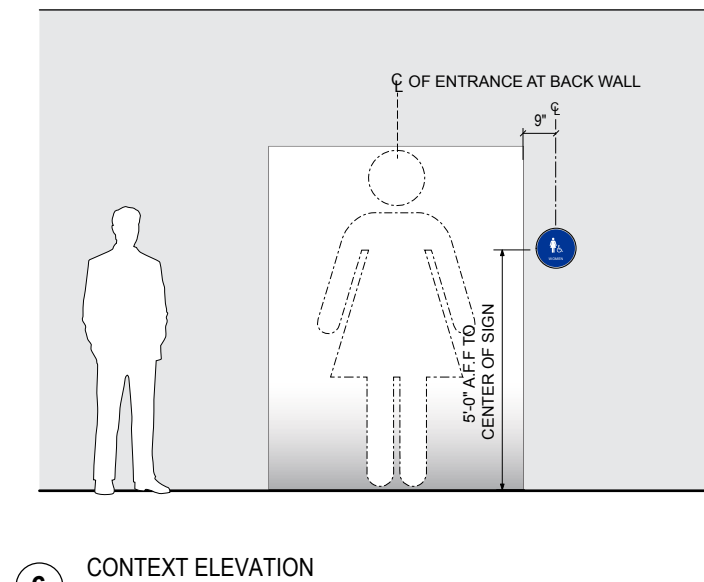
Helvetica Neue 55 Roman



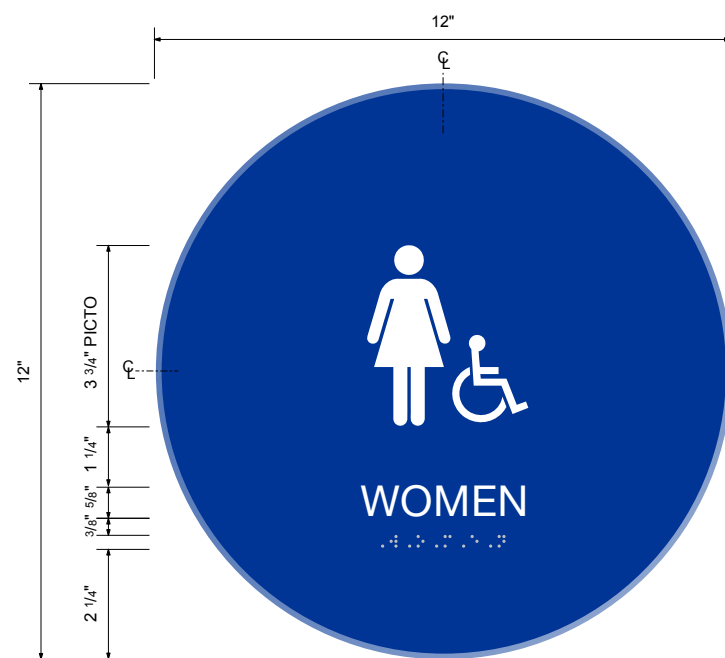
1 FACE VIEW – ALL GENDER



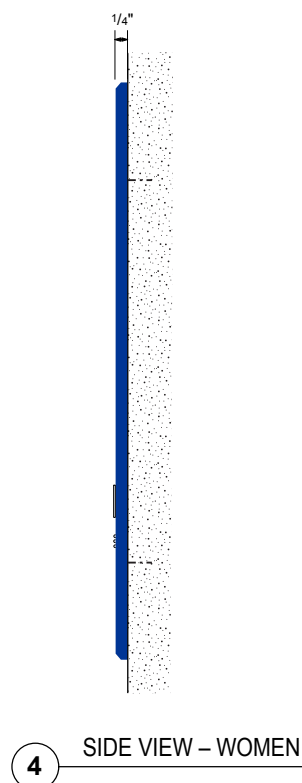
3 SIDE VIEW



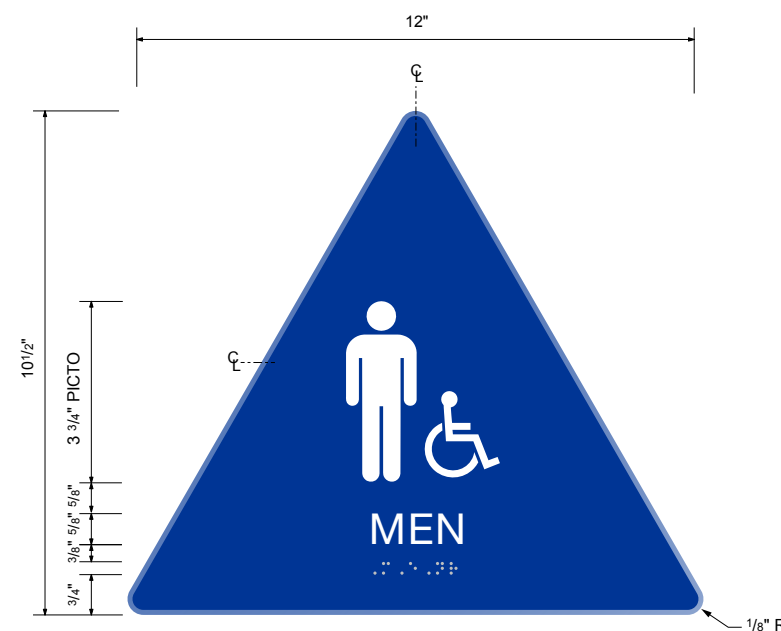
6 CONTEXT ELEVATION



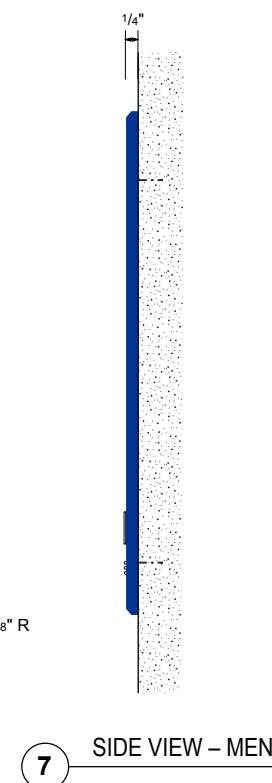
2 FACE VIEW – WOMEN



4 SIDE VIEW – WOMEN



5 FACE VIEW – MEN



7 SIDE VIEW – MEN

D519-V

RESTROOM VESTIBULE PICTOGRAM

IDENTITY SIGNAGE – INTERIOR

Function
Restroom identification.

Location
At restroom vestibule.

Material & Construction
Machine cut panel of .080 gauge aluminum; #4 horizontal brush finish.

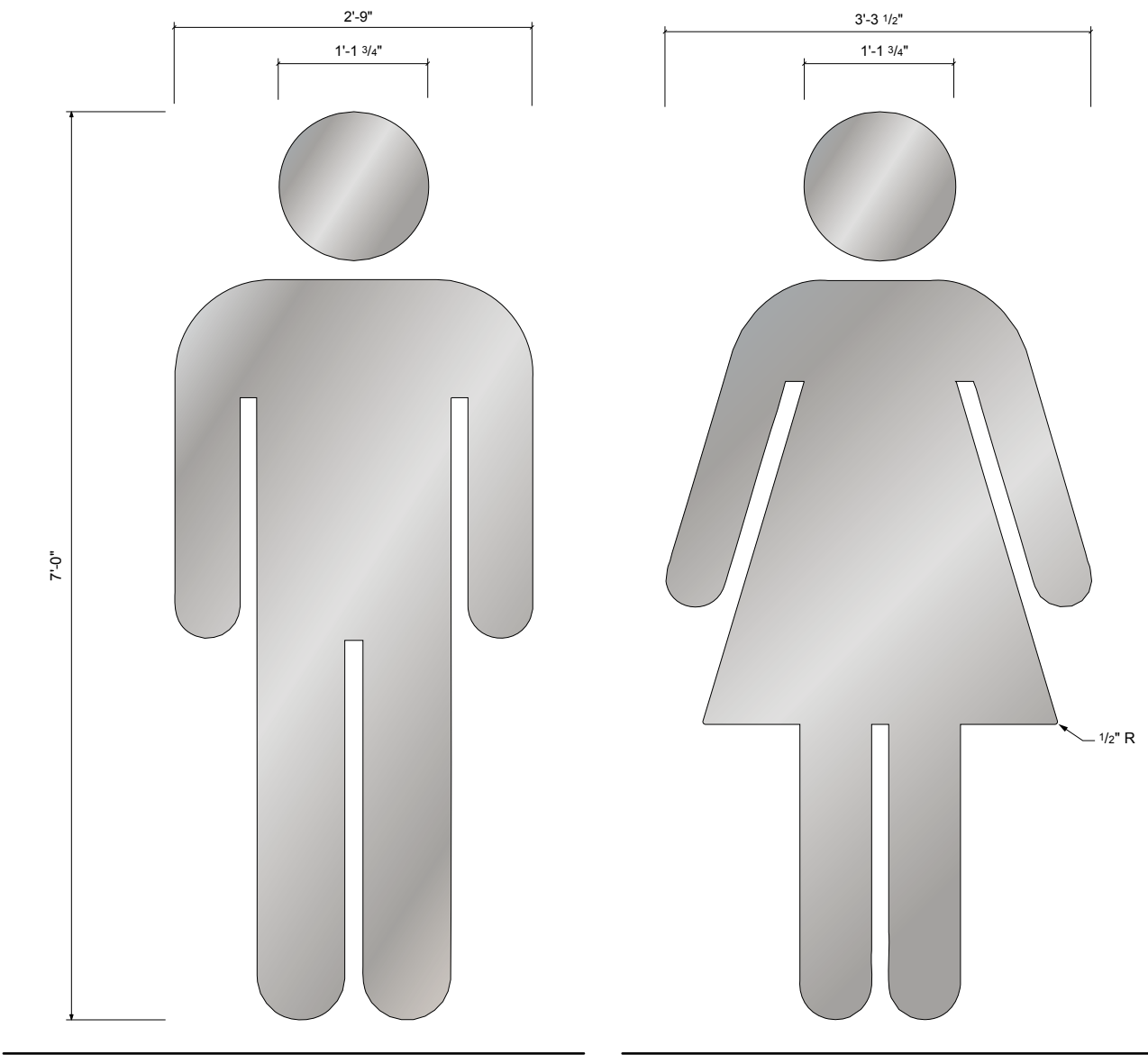
Configuration
1 face.

Message
Gender pictogram indicates restroom.

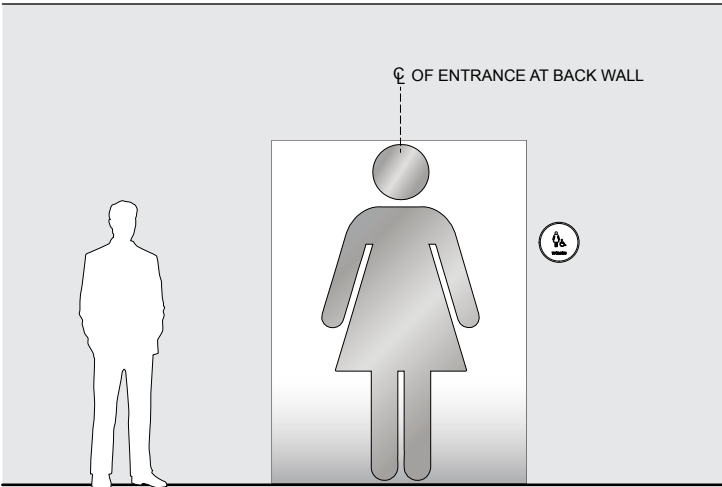
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

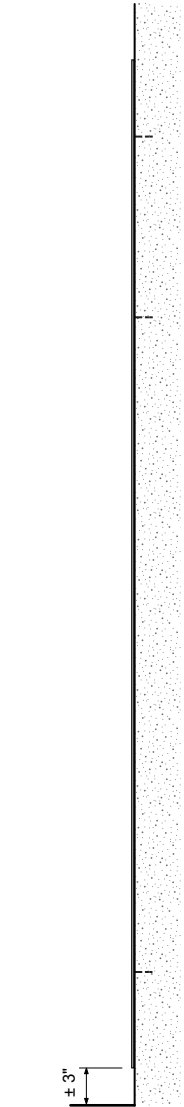
1 TOP VIEW



2 FACE VIEW



4 CONTEXT ELEVATION



3 SIDE VIEW

D520-V

INFANT CHANGING STATION IDENTITY PLAQUE

REGULATION SIGNAGE – INTERIOR

Function
Diaper changing station identification.

Location
Above every diaper changing table.

Material & Construction
Panel frame of .080 gauge aluminum; #4 horizontal brush finish. Message panel of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

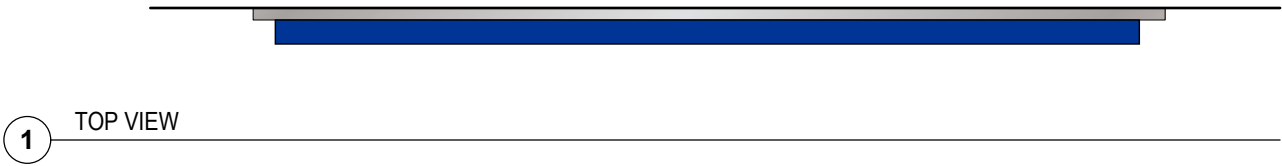
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

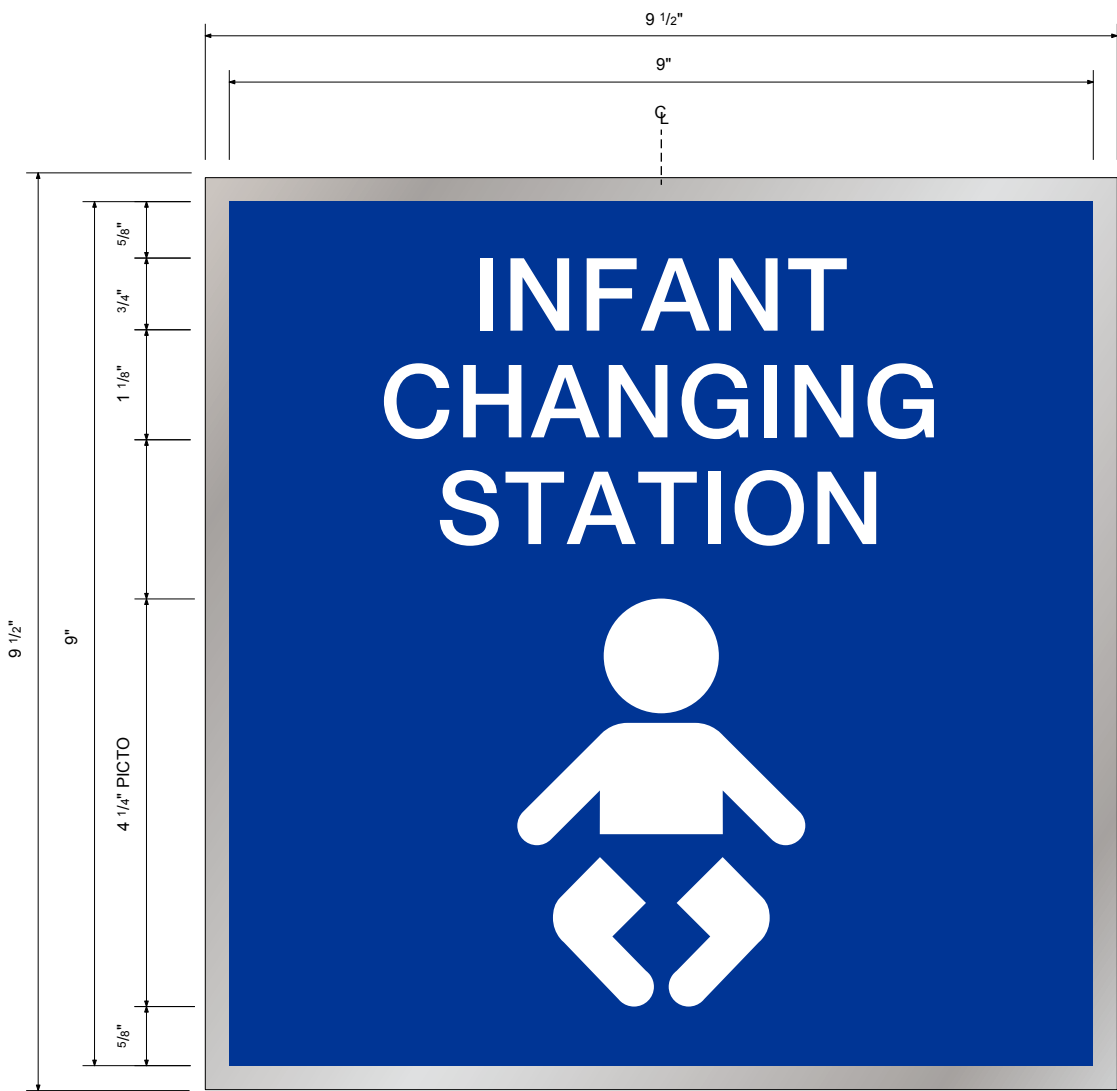
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

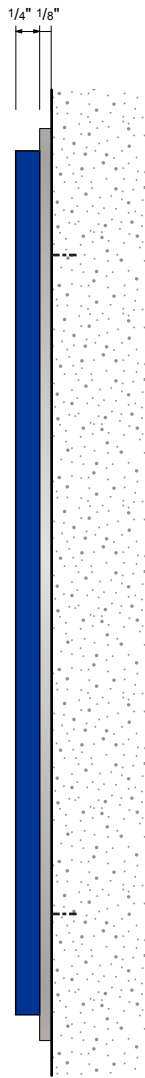
Font
Helvetica Neue 65 Medium



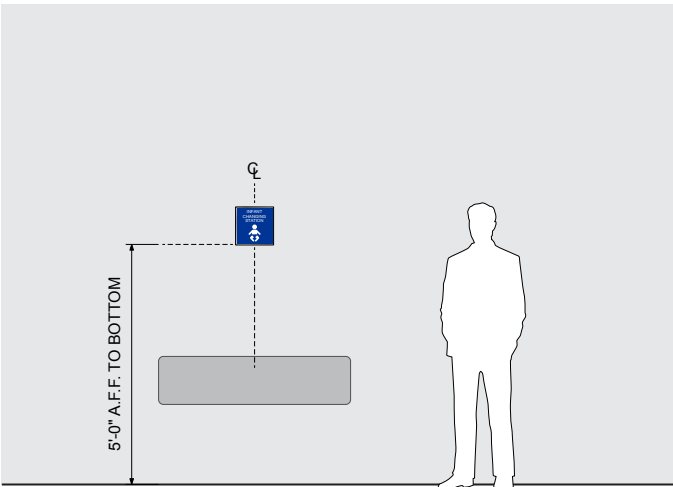
1 TOP VIEW



2 FACE VIEW



3 SIDE VIEW



4 CONTEXT ELEVATION

D521-V

ACCESSIBLE RESTROOM STALL IDENTITY PLAQUE

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Accessibility identity.

Location
At accessible restroom stalls.

Material & Construction
Panel of .080 gauge aluminum; painted.

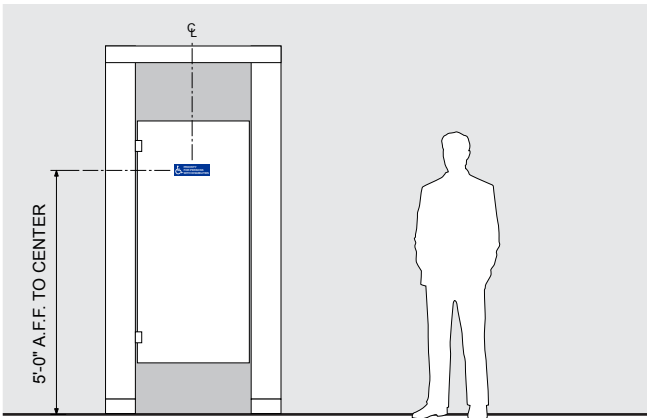
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

Font
Helvetica Neue 65 Medium



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

D522-P

FIRE EXTINGUISHER BLADE IDENTITY

REGULATION SIGNAGE – INTERIOR

Function
Fire Extinguisher location identification.

Location
At every fire extinguisher device.

Material & Construction
Bracket of quality 1/8" thick stainless steel; #4 horizontal brush finish, Message panel face of 1/4" thick acrylic; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration
2 faces.

Message
Direct print copy on first surface.

Illumination
Non-illuminated.

Mounting
Affix perpendicular to wall.

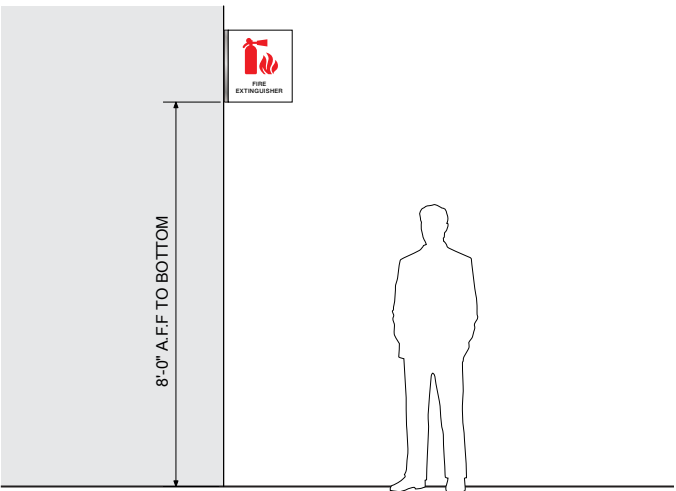
Font
Helvetica Neue 65 Medium



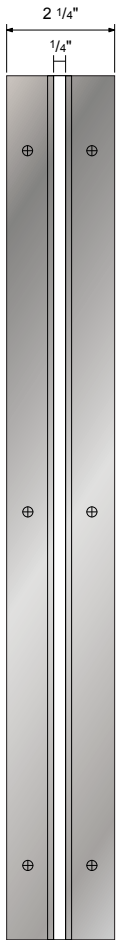
1 TOP VIEW



2 FACE VIEW



3 CONTEXT ELEVATION



4 SIDE VIEW

D523-P

DEFIBRILLATOR BLADE IDENTITY

REGULATION SIGNAGE – INTERIOR

Function
Automated External Defibrillator
location identification.

Location
At every AED device.

Material & Construction
Bracket of quality 1/8" thick stainless
steel; #4 horizontal brush finish,
Message panel face of 1/4" thick
acrylic; painted. Anti-graffiti satin
clear coat on all painted surfaces.

Configuration
2 faces.

Message
Direct print copy on first surface.

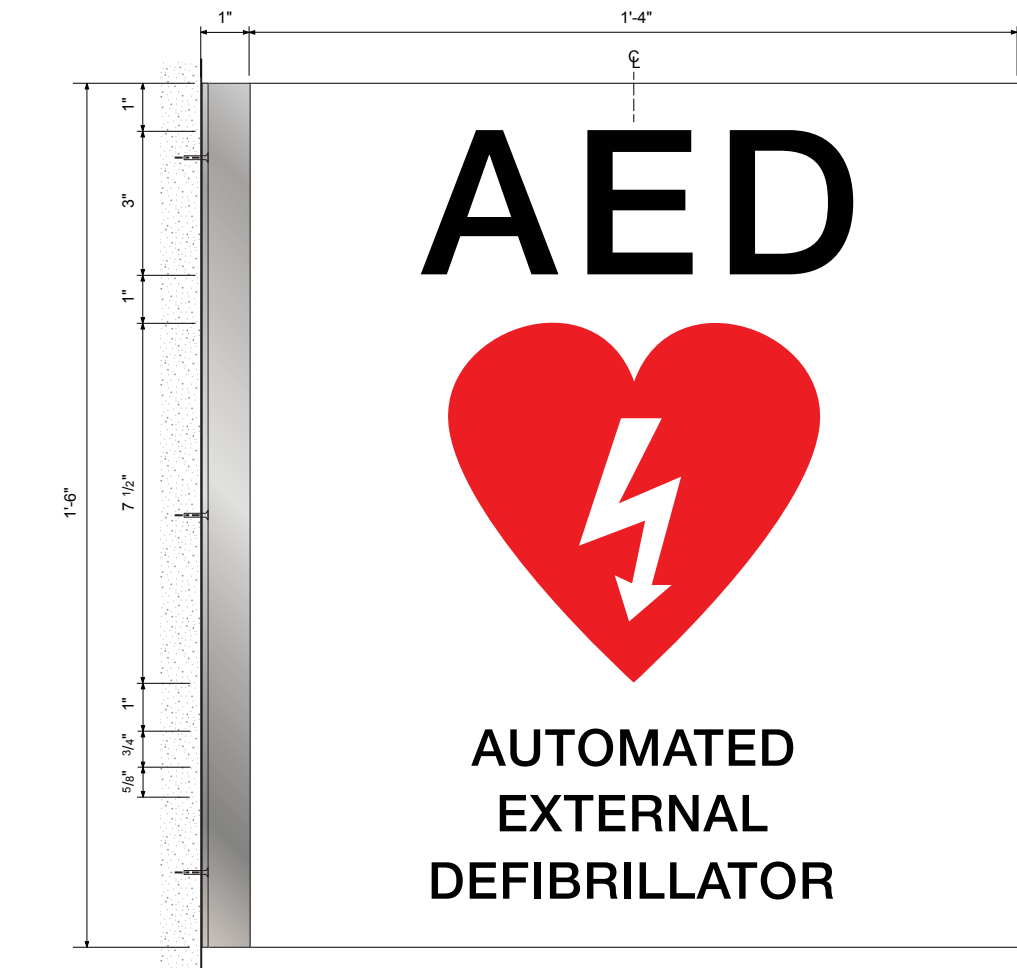
Illumination
Non-illuminated.

Mounting
Affix perpendicular to wall.

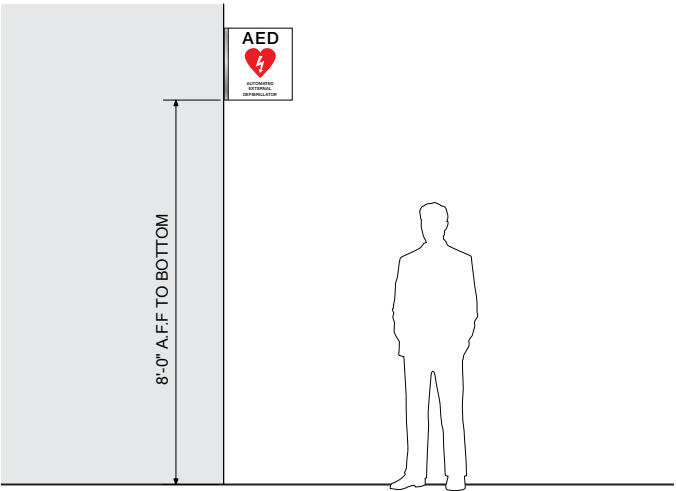
Font
Helvetica Neue 65 Medium



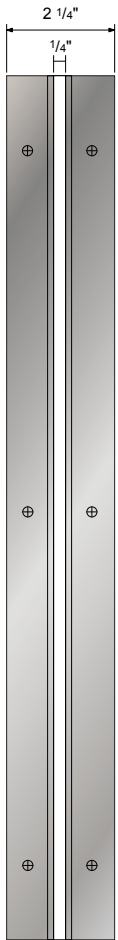
1 TOP VIEW



2 FACE VIEW



3 CONTEXT ELEVATION



4 SIDE VIEW

D524-V

HAZMAT REGULATION PANEL

REGULATION SIGNAGE – INTERIOR

Function

Hazardous materials notice.

Location

At boarding areas.

Material & Construction

Backer panel and sign panel of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

Configuration

1 face.

Message

Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination

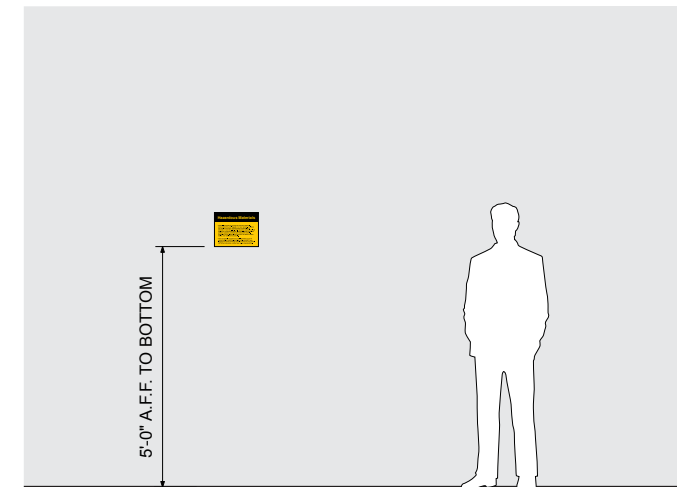
Non-illuminated.

Mounting

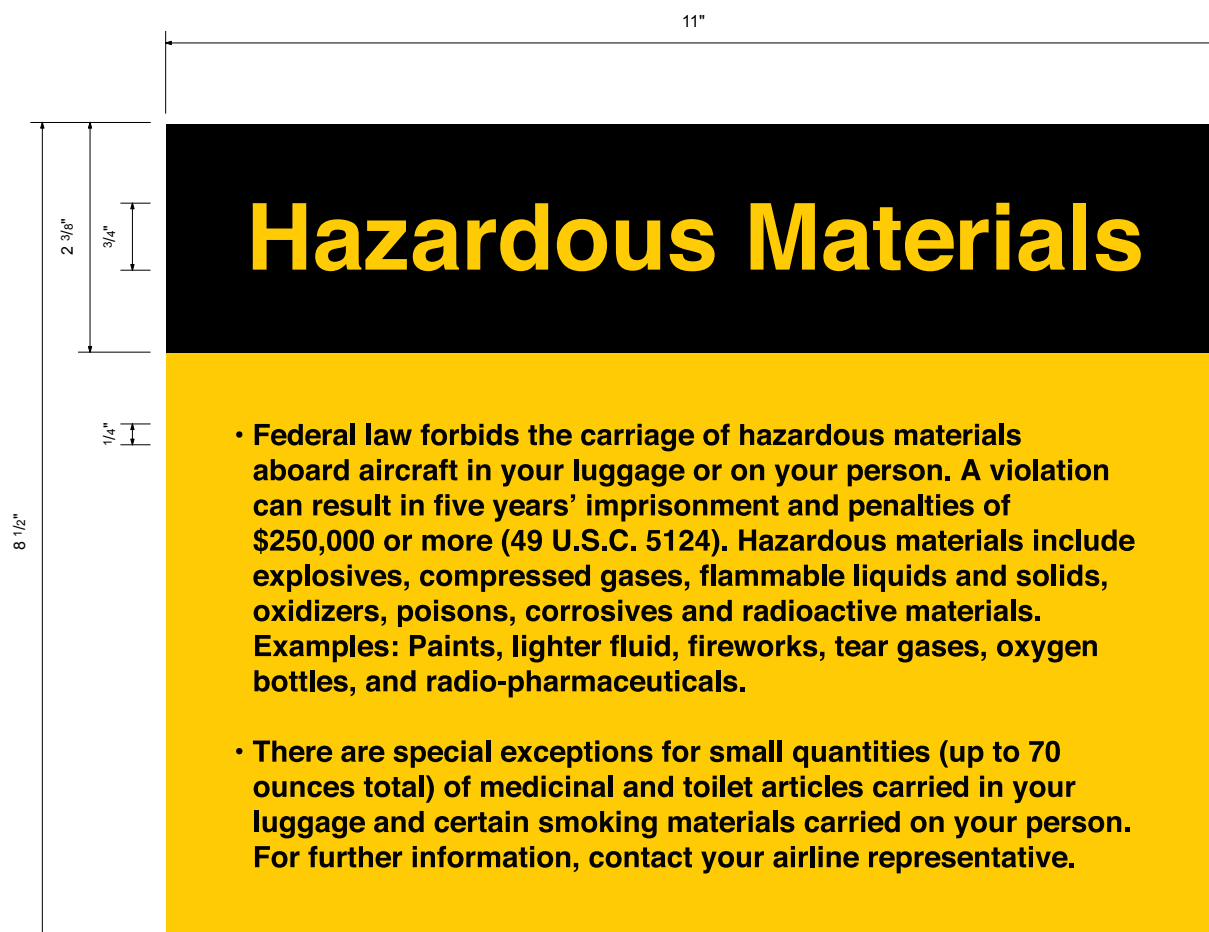
Blind mount flush to wall.

Font

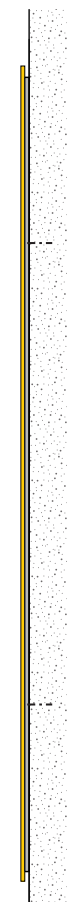
Helvetica Neue 75 Bold



3 CONTEXT ELEVATION



1 FACE VIEW



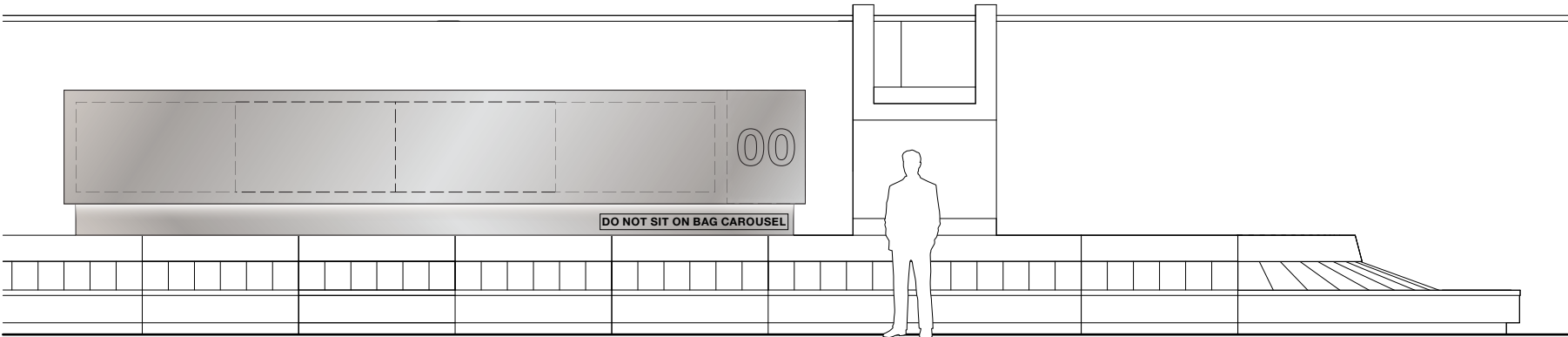
2 SIDE VIEW

D525-V

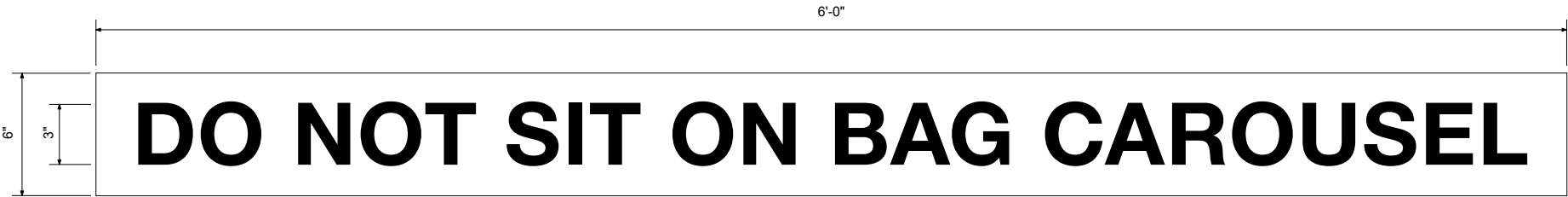
BAG CAROUSEL WARNING SIGN

REGULATION SIGNAGE – INTERIOR

- Function**
Regulation notice.
- Location**
On bag carousel. Minimum 3 signs per carousel on separate sides.
- Material & Construction**
3 mil transparent clear vinyl.
- Configuration**
1 face.
- Message**
Direct-to-surface printing on second surface; black matte.
- Illumination**
Non-illuminated.
- Mounting**
Adhere to first surface of carousel structure.
- Font**
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW

D526-V

RESTRICTED AREA WARNING PLAQUE

REGULATION SIGNAGE –
EXTERIOR/INTERIOR

Function
Pedestrian information.

Location
At restricted areas.

Material & Construction
Sign panel of .015 gauge
transparent polycarbonate.

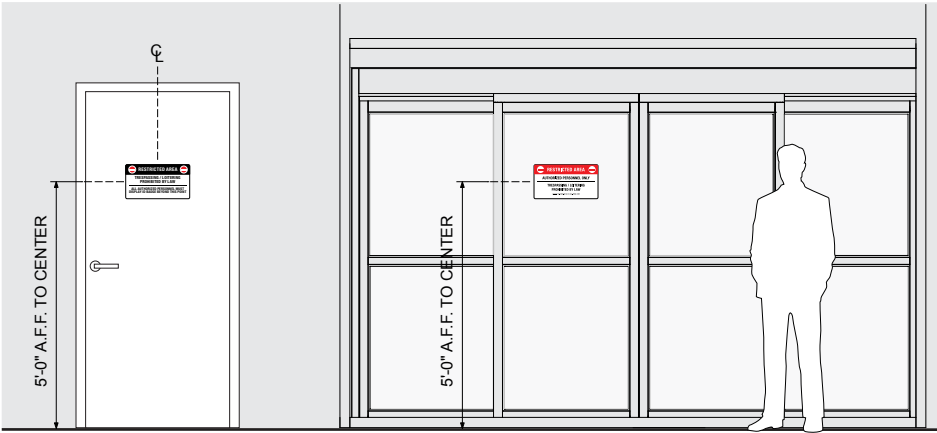
Configuration
1 face.

Message
Direct-to-surface printing on second
surface; white background and
copy as shown. Message shown is
representational only; actual verbiage
will vary and must be approved by the
LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Adhere flush to door or wall. For
glass mount adhere same size
vinyl on reverse side of glass to
conceal adhesive; Sign Gray..

Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold

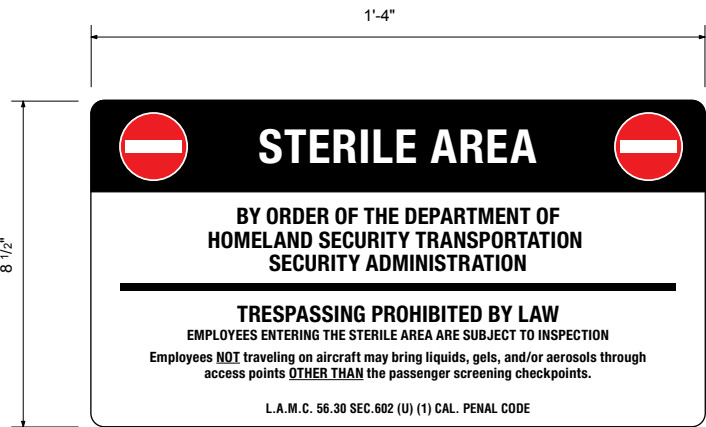


3 CONTEXT ELEVATION

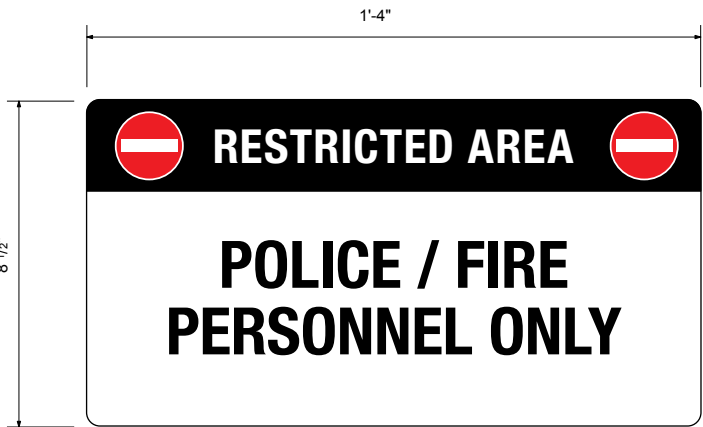


RESTRICTED NO TRESPASSING WARNING

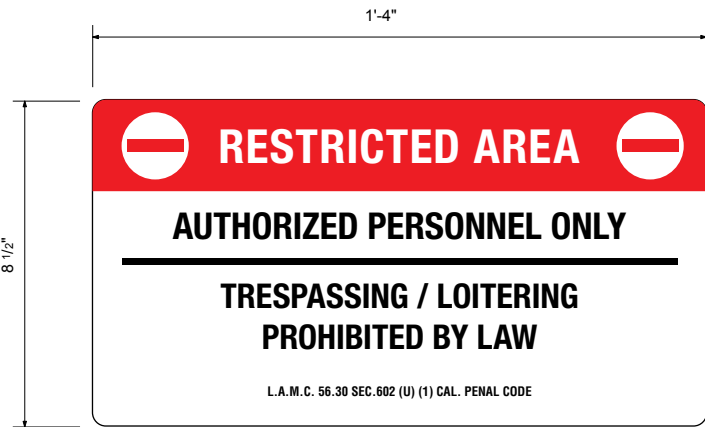
1 FACE VIEW



STERILE AREA WARNING



RESTRICTED POLICE/FIRE ONLY



RESTRICTED AUTHORIZED PERSONNEL ONLY

2 ALTERNATE LAYOUTS

D527-V

EXIT ONLY PANEL

REGULATION SIGNAGE – INTERIOR

Function
Exit only warning.

Location
At key exit doors.

Material & Construction
Panel of .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

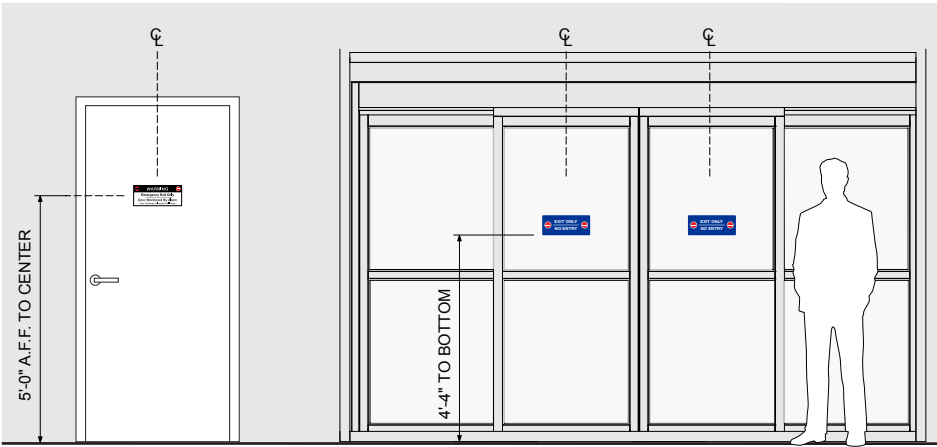
Configuration
1 face.

Message
Direct-to-surface printing on first surface. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Adhere flush to door or wall. For glass mount adhere same size vinyl on reverse side of glass to conceal adhesive; Sign Gray..

Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



3 CONTEXT ELEVATION



1 FACE VIEW



2 ALTERNATE LAYOUTS



4 SIDE VIEW

D528-V

DO NOT DRILL PANEL

REGULATION SIGNAGE – INTERIOR

Function
Construction area notice.

Location
At stress load areas.

Material & Construction
Panel of .080 gauge aluminum;
painted. Anti-graffiti satin clear
coat on all painted surfaces.

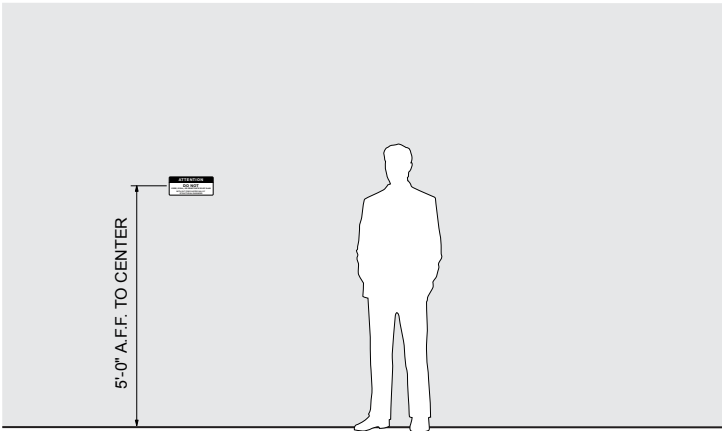
Configuration
1 face.

Message
Direct-to-surface printing on first surface.
Message shown is representational
only; actual verbiage will vary and
must be approved by the LAWA
Signage & Graphics Manager.

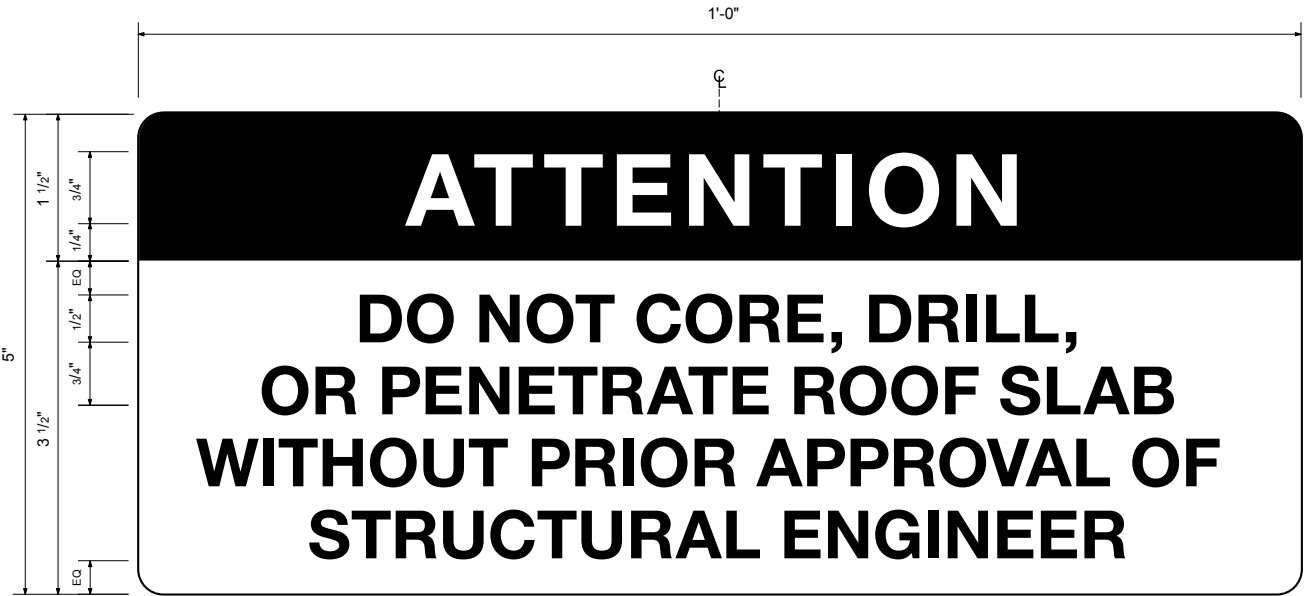
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

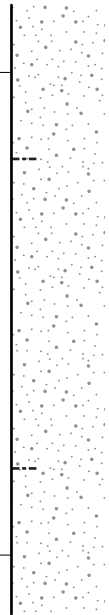
Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

D529-V

SMOKE DOORS PANEL

REGULATION SIGNAGE – INTERIOR

Function
Construction area notice.

Location
At stress load areas.

Material & Construction
Sign panel of .080 gauge aluminum; painted.

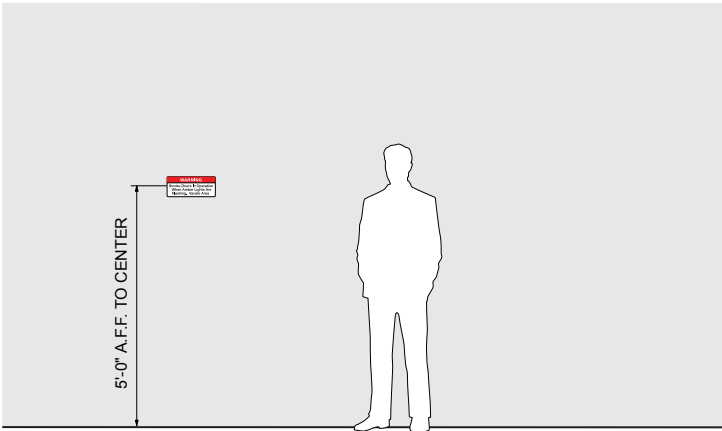
Configuration
1 face.

Message
Direct-to-surface printing on first surface.
Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

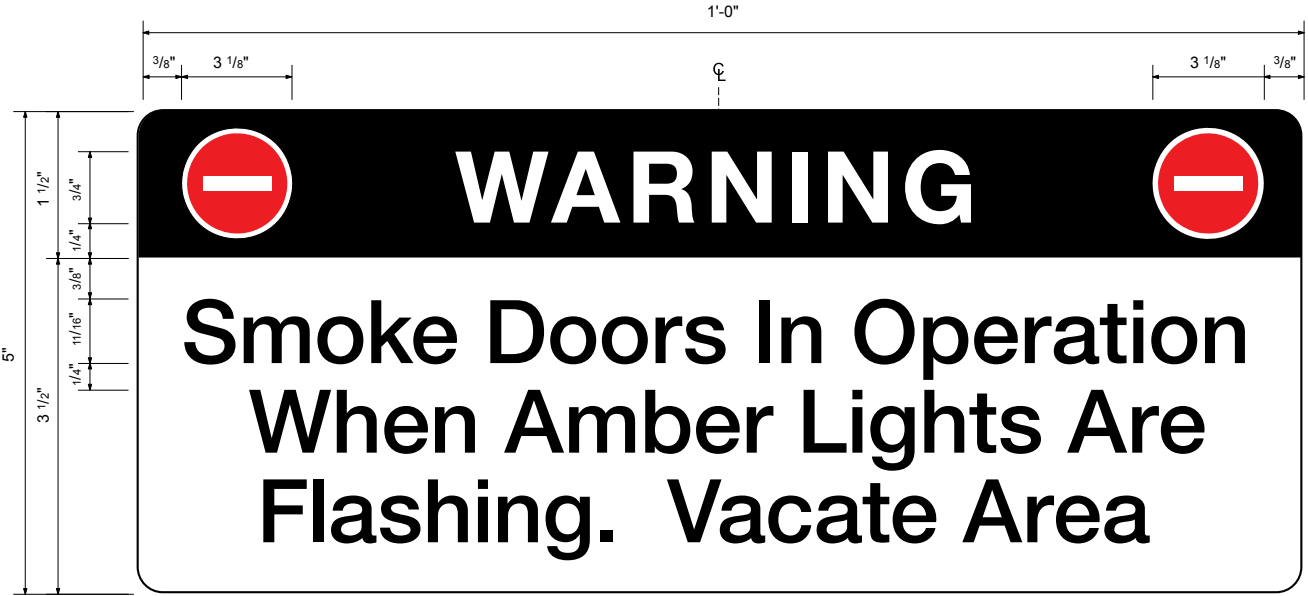
Illumination
Non-illuminated.

Mounting
Blind mount flush to wall.

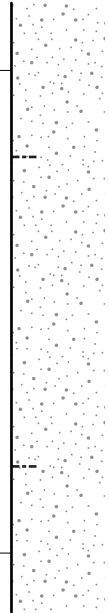
Fonts
Helvetica Neue 65 Medium
Helvetica Neue 75 Bold



2 CONTEXT ELEVATION



1 FACE VIEW



3 SIDE VIEW

D530-V

DANGER WARNING PANEL

REGULATION SIGNAGE – INTERIOR

Function
Danger warning information.

Location
At battery room.

Material & Construction
Message panel .080 gauge aluminum; painted. Anti-graffiti satin clear coat on all painted surfaces.

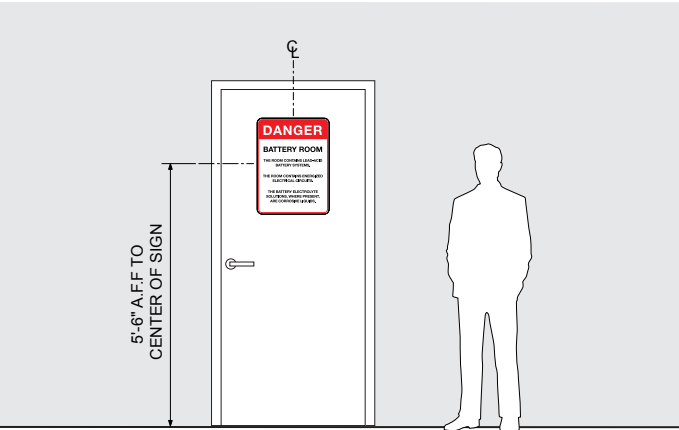
Configuration
1 face.

Message
Direct-to-surface printing on first surface.

Illumination
Non-illuminated.

Mounting
Blind mount flush to door or wall.

Font
Helvetica Neue 75 Bold



3 CONTEXT ELEVATION



1 FACE VIEW

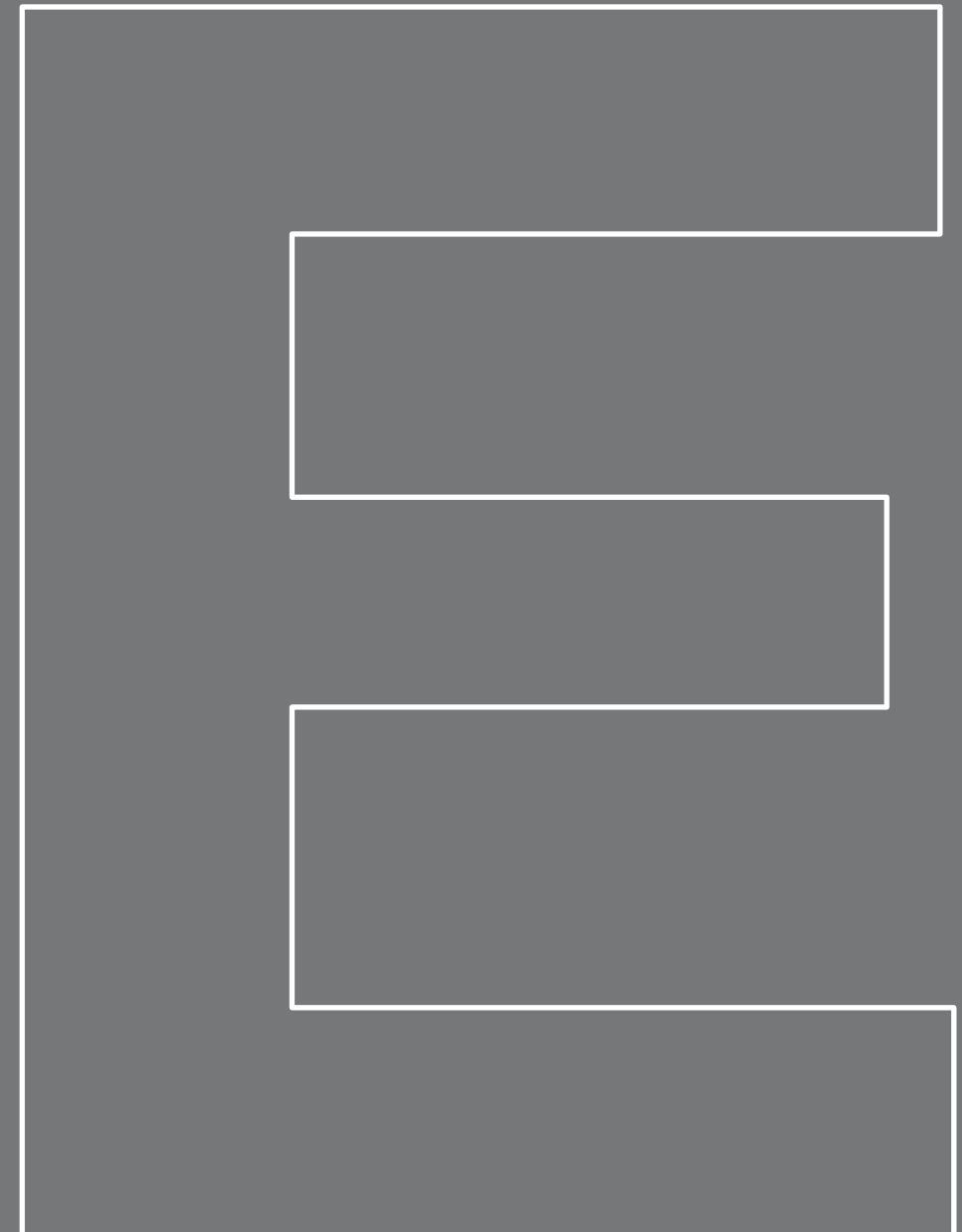


2 SIDE VIEW

MISCELLANEOUS SIGNAGE

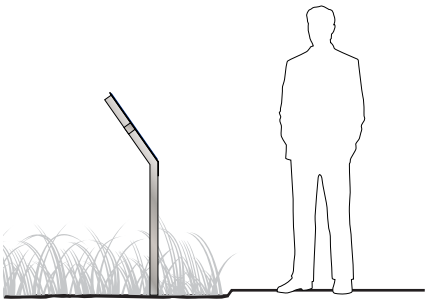
Refer to Section 4, Graphic Standards for typography, colors, and message guidelines.

Refer to the General Performance Specifications in Section 8, Reference Information for particular LAWA approved materials.



E100-G

INTERPRETIVE STANDUP



4 CONTEXT ELEVATION

MISCELLANEOUS SIGNAGE – EXTERIOR

Function
Information sign.

Location
At areas of interest.

Material & Construction
Stanchion structure of 2" square quality stainless steel; #4 horizontal brush finish on all sides. Message panel of quality stainless steel and high pressure laminate print; #4 horizontal brush finish.

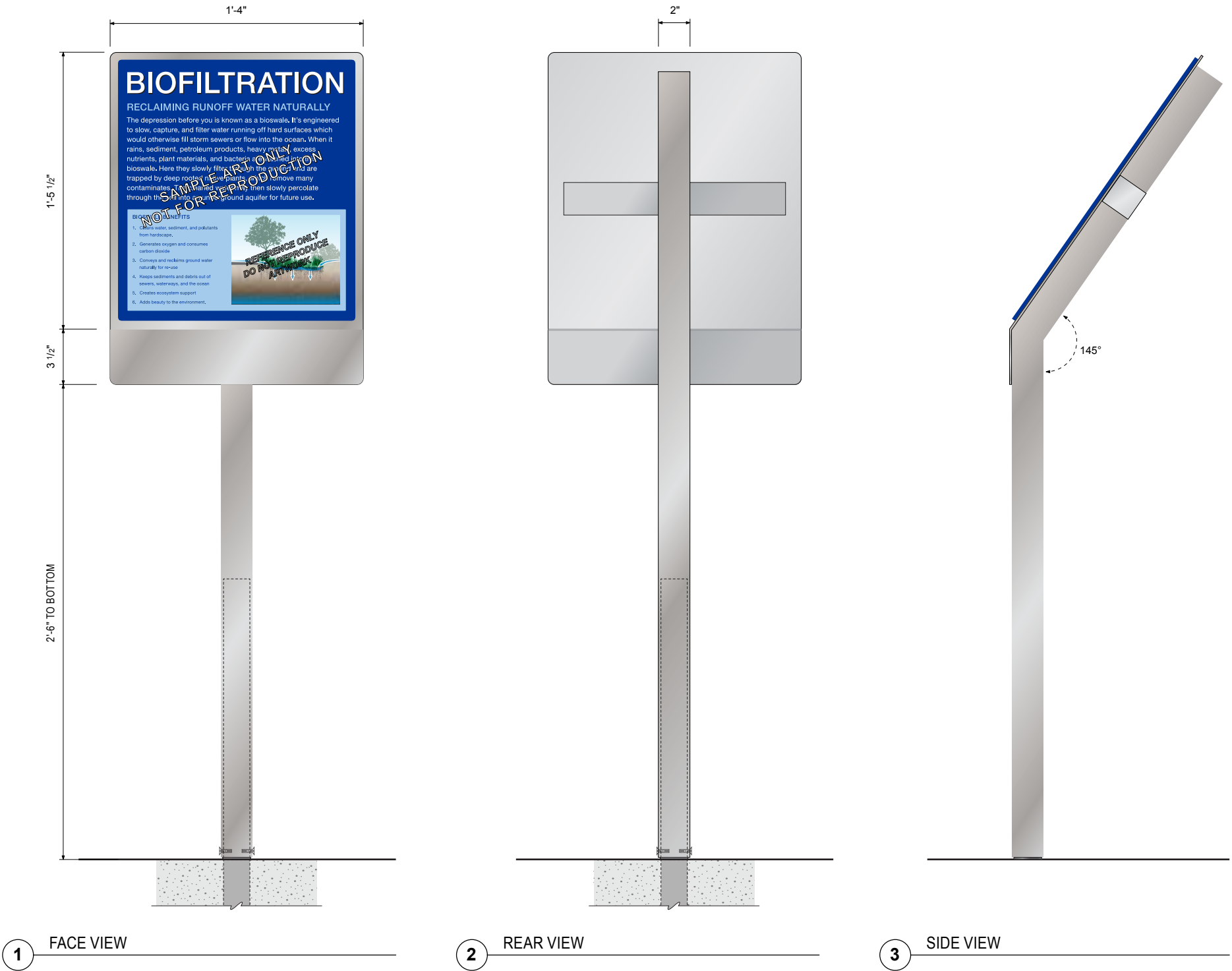
Configuration
1 face.

Message
Direct print to high pressure laminate. Message shown is representational only; actual verbiage will vary and must be approved by the LAWA Signage & Graphics Manager.

Illumination
Non-illuminated.

Mounting
Post attaches to engineered foundation with integrated mechanical anchors appropriate per location.

Fonts
Helvetica Neue 55 Roman
Helvetica Neue 65 Medium



E500-V

WALL POSTER FRAME

MISCELLANEOUS SIGNAGE – INTERIOR

Function
Poster cabinet.

Location
At key information areas.

Material & Construction
Sign cabinet of .080 gauge aluminum; #4 horizontal brush finish. Window face panel of non-glare glass; inconspicuous continuous hinge; keyed locks.

Configuration
1 face.

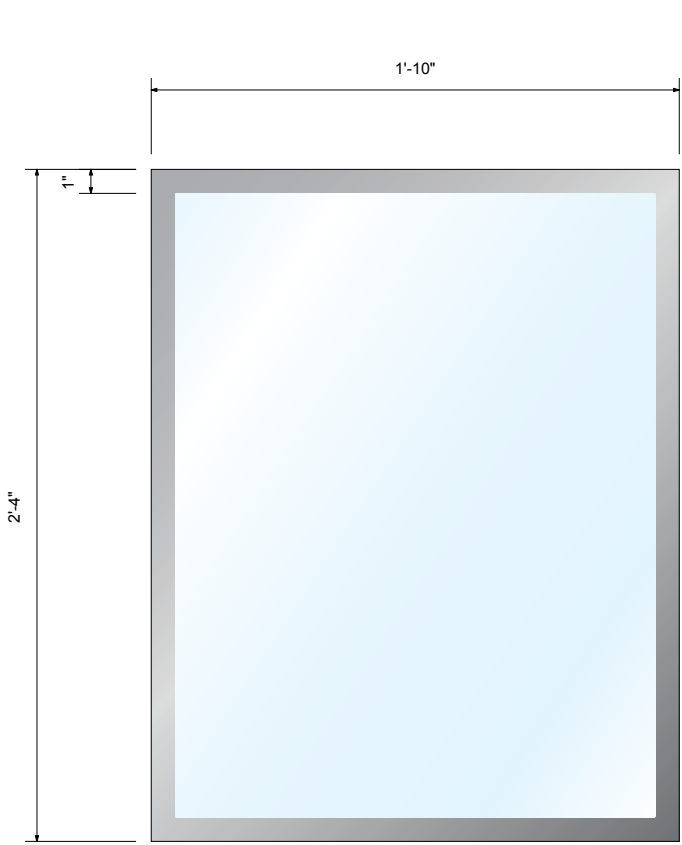
Message
Printed insert by others.

Illumination
Non-illuminated.

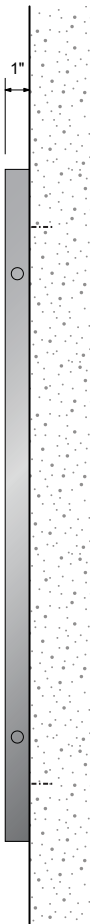
Mounting
Blind mount flush to wall.



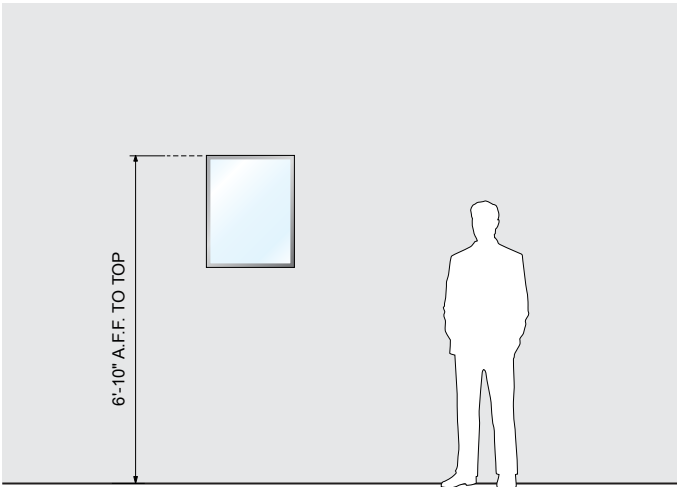
1 TOP VIEW



2 FACE VIEW



3 SIDE VIEW



4 CONTEXT ELEVATION

TENANT FACILITIES SIGNAGE

All signs in tenant leased areas are under LAWA oversight.



OVERVIEW INFORMATION

Intent of Tenant Signage at LAWA

Tenants are encouraged to be imaginative when designing signs to aid the public in using airport facilities efficiently and with a minimum of confusion. In short, the acceptable criteria for each sign is that it address the immediate needs of airport users.

- The intent of signage is to provide adequate direction so that the sign systems will:
1. Provide an effective source of needed information.
 2. Maintain quality of design that is compatible with the aesthetics of LAWA. Great importance is placed on good taste, originality and fine materials.
 3. Be attractive and use colors and materials that are compatible with the design of individual terminals.

Advertising is allowed on an annual exclusive contractual basis. Inquiries are to be directed to:

Concessions Manager
Los Angeles World Airports
6053 W. Century Blvd., 4th floor
Los Angeles, CA 90045

Tenant Signage Submittal and LAWA Approval

Tenants are required to follow the submittal process for all proposed signs as detailed in Section 2, General Information, Phases & Requirements for New Signage Projects of these Signage Standards. All tenant signs must have the written approval of the Chief Airport Engineer, or his/her designee prior to installation. New, changed or renovated signs shall conform to these guidelines.

It is understood that any signs not having the express written approval of the Chief Airport Engineer shall not be installed. Any existing installed sign not having the approval of LAWA shall be removed.

If any existing sign exceeds the limitation stated in the Signage Standards, but has been previously approved by LAWA, that sign shall be allowed to remain installed. However, if there is to be a change, modification, renovation or relocation in any way involving previously approved and installed signage, LAWA shall require that this signage be upgraded to conform to the current Standards.

Tenant Signage Compliance

Tenants shall adhere to the LAWA wayfinding principles presented in Section 2, General Information, as well as the numbering guidelines presented in Section 3, Building & Area Numbering Strategy.

All Tenants are required to provide regulatory signage in the leased areas. Examples include, but are not limited to,

- tactile room identification
- evacuation route identification
- evacuation plans
- stair level identification
- stairwell evacuation identification.

Refer to Section 5, Sign Type Detail Drawings– Regulation Signage and Section 8, Reference Information–Governing Codes & Regulations.

Tenant Signage Review

All signs are subject to periodic reviews by LAWA to insure compliance with the LAWA Signage Standards. Signs shall be inspected for content compliance and to insure that the minimum sign fabrication quality is maintained. This will include sign structure, paint or finish, and applied materials, e.g., plastics, vinyl lettering, fasteners, etc. Internally illuminated signs shall be checked for proper working order before final acceptance.

In the event that an existing sign is found to be out of compliance with the Signage Standards, LAWA shall notify the tenant with a written notice. The tenant is required to remove and refurbish the sign up to or exceeding the quality of the original permitted condition according to the guidelines described in the Regulation Enforcement section of these Standards. If the tenant’s sign does not satisfy permitted condition standards at the end of the prescribed adjustment period, LAWA reserves the right to directly resolve the matter by removing it and billing all costs to the tenant.

RESPONSIBILITIES & REGULATIONS

Responsibility and Intent

- 1. Signage in public areas is the responsibility of LAWA. Exterior and interior signage within leased areas is the responsibility of the tenant.
- 2. All signs shall be of an informative nature designed to meet the immediate needs of the public. Signs of an advertising or promotional nature, including contact information, are not permitted.
- 3. Freestanding or pole-mounted signs are used for information and directional information only within the leased space.
- 4. All signs shall meet all federal and local safety standards and code requirements, including all ADA guidelines.
- 5. All verbiage on signs must be displayed in English only. No other languages shall be permitted.
- 6. The tenant shall be responsible for submitting the construction documents to the City of Los Angeles Department of Building and Safety and other jurisdictional agencies for plan check review and approval and for securing all the necessary building permits.
- 7. Tenants may request directional text for display on LAWA’s interior directional signs. Terminology is limited to text directing passengers to check-in, boarding gates, and facilities and services offered to the public. Display of this information is the discretion of LAWA.
- 8. All tenant signs, and signs in leased areas, are subject to discretionary periodic reviews by LAWA.

Maintenance

Tenants shall maintain each approved sign in a neat, clean, orderly, and safe manner. Failure to maintain an approved sign shall result in revocation of approval and subsequent removal.

Regulation Enforcement

All tenants must obtain the written approval of LAWA for each sign. Any sign installed without the written approval of LAWA shall be removed.

- Upon notification of the demand to remove a non-conforming or non-permitted sign, the tenant must
- remove a permanent sign within 14 days
 - remove a temporary sign within 5 days.

If the tenant does not remove the sign in the allotted time, LAWA will remove it and any expenses for this service shall be paid by the tenant.

Existing Tenant Signs

Previously approved existing signs that do not conform to these Signage Standards shall be allowed to remain installed. However, if there is to be a change, modification, renovation, or relocation in any way involving previously approved and installed signage, LAWA shall require that this signage be upgraded to conform to the current Signage Standards.

Tenants may change or alter an existing permanent sign only with the written approval of LAWA. Any sign modifications shall be the responsibility of the tenant. If leasehold improvement is modified, LAWA shall require the signage to conform to the current sign codes.

U.S. Customs and Border Protection Required Signage

Signage in the Federal Inspection Service Area (FIS) in Terminals is the responsibility of LAWA.

All signage in the Federal Inspection Service Areas are mandated to strictly adhere to U.S. Customs and Border Protection signage guidelines for verbiage, colors and sign specifications.

All signage in the Federal Inspection Service Areas must be generic in nature. Any references to the U.S. Department of Agriculture, U.S. Department of Immigration and U.S. Customs Department must be removed since they exist under the umbrella of one government agency.

LAWA Standard Fonts

Exterior Signage
The LAWA approved font for exterior signs at Los Angeles International (LAX), Van Nuys (VNY), and Palmdale Regional (PMD) Airports is Helvetica Neue. Refer to Section 4, Graphics Standards for usage.

Interior Signage
Helvetica Neue 55 Medium is the standard font for interior wayfinding signs for all airports under LAWA jurisdiction. Refer to Section 4, Graphics Standards for correct usage.

Exterior Signage
Franklin Gothic Demi is the approved font for roadway signage. See Section 4, Graphics Standards for usage.

The approved fonts should be used as the default typefaces for all directional and secondary text on signage in the public areas. In leased spaces the LAWA standard fonts shall not be substituted, except where the tenant’s brand font is used.

SIGN COMPOSITION STANDARDS

Sign Placement

All signs are to be surfaced-mounted within the architectural elevation of the demised premises unless otherwise approved by LAWA.

Assemblage

- 1. Capital Height (Cap. Ht.) is defined as the distance from the top of a capital letter form to the bottom of the same letter form. For numbers this distance is measured from the top to the bottom of the tallest numeral form.
- 2. Letter area height is defined as the distance from the top of the top line of the sign to the bottom of the last line of the sign. This also applies to the maximum vertical distance of sign artwork to include logo/signatures, copy, etc.
- 3. Copy application must be direct-to-surface printing, screen process, or cut-out lettering appliqué only.

Illumination

- 1. Only individually mounted, internally illuminated letters and graphics, pin mounted, and rear lit characters are acceptable. No cabinet signs are permitted.
- 2. The preferred method of sign illumination is by LED array to achieve even edge-to-edge distribution without hotspots.

LAWA Standard Fonts

Exterior Signage
The LAWA approved font for exterior signs at Los Angeles International (LAX), Van Nuys (VNY), and Palmdale Regional (PMD) Airports is Helvetica Neue. Refer to Section 4, Graphics Standards for usage.

Interior Signage
Helvetica Neue 55 Medium is the standard font for interior wayfinding signs for all airports under LAWA jurisdiction. Refer to Section 4, Graphics Standards.

The approved fonts should be used as the default typefaces respectively for all directional and secondary text on signage in the public areas and where the tenant’s brand font is not used within leased spaces.

Fabrication & Installation

The fabrication and installation of all signs shall be of a permanent nature using established methods and quality materials and hardware. Only high quality workmanship performed by qualified tradespeople shall be permitted.

Attachment hardware and connections of all signs must be non-corrosive and engineered to insure public safety.

Fabrication and installation must comply with all applicable City of Los Angeles building and sign codes.

Acceptable Materials

- 1. Porcelain enamel on aluminum or aluminized steel
- 2. Anodized aluminum
- 3. Paint on aluminum; paint must be linear polyurethane for all under coats and top coats
- 4. Acrylic and fiberglass with satin finish only

See Section 8, Reference Information– General Specifications for materials and performance specifications.

Unacceptable Materials

- 1. Rustic, unfinished or distressed wood
- 2. Rustic stone or brick
- 3. Plastic
- 4. Vinyl sheeting
- 5. Any oxidizing metal
- 6. Clay, ceramic tile
- 7. Simulated or faux finishes
- 8. Paper, cardboard
- 9. Poster board, foam board

Refer to Section 2, General Specifications. For specific requirements contact the Signage & Graphics Manager.

REGULATORY CODE COMPLIANCE

Applicable Code Requirements

The tenant shall have sole responsibility for compliance with all applicable federal, state, and local building codes, ordinances and other jurisdictional regulations including, but not limited to, the following:

- a. City of Los Angeles Department of Building & Safety
- b. City of Los Angeles Fire Department
- c. Los Angeles County Department of Health Services
- d. City of Los Angeles Department of Public Works
- e. City of Los Angeles Cultural Affairs Department
- f. Regional Water Quality Control Board
- g. Southern California Gas Company
- h. California Occupational Safety and Health Administration (CALOSHA).

Refer to Section 2, General Information–Governing Codes & Information for other governing entities.

Access for people with disabilities shall be provided, as required by the City of Los Angeles, Title 24 of the California Administrative Code, the Americans with Disabilities Act, and any and all other applicable statutes, rules, regulations, codes and ordinances.

General Accessibility Guidelines

All tenants are required by law to adhere to the most current ADA Accessibility Guidelines (ADAAG) and corresponding regulations of the California Building Standards Code (CBSC). All applicable regulations must be followed.

For reference, the guidelines define five categories of interior and exterior signs:

- 1. Permanent Room Designation Signs
“Signs which designate permanent rooms and spaces” whose designation will not change, must comply with the highest standards. Refer to the ADAAG and CBSC Section 11B-703 for specifications regarding fonts, format, tactile letters, Braille, character sizes, character proportions, letter stroke thickness, and character and line spacing; as well as symbols, finish and contrast, and installation location.
- 2. Overhead Signs
Signs that are “protected or suspended overhead” including hanging or mounted projecting signs must meet code requirements. Refer to the ADAAG and CBSC Section 11B-703 for specifications regarding fonts, format, character sizes, character proportions, letter stroke thickness, and character and line spacing; as well as symbols, finish and contrast, and installation height. Character size on these signs is to be determined by a chart in the 2010 ADA Standards for Accessible Design that uses a combination of the height of the text above the floor and the distance the reader has to stand from the sign.

- 3. Directional and Informational Signs
Wall mounted “signs which provide direction to or information about functional spaces” must comply with the code standards. Refer to the ADAAG and CBSC Section 11B-703 for specifications regarding fonts, format, character sizes, character proportions, letter stroke thickness, and character and line spacing; as well as symbols, finish and contrast, and installation height. “Characters and numbers on signs shall be sized according to the viewing distance from which they are to be read.”
- 4. Temporary Information Signs
“Building directories, menus and all other signs that provide temporary information about rooms and spaces, such as the current occupant’s name, are not required to comply” with the guidelines.
- 5. Exterior Signs
The requirements for exterior and interior signs are generally the same. Most exterior signs are not required to have tactile and Braille lettering—other than in the situation where a sign is provided to designate a permanent room, such as a restroom which is directly accessed from the outside. Refer to the ADAAG and CBSC Section 11B-703 for specifications regarding exterior signs requirements for fonts, format, character sizes, character proportions, letter stroke thickness, and character and line spacing; as well as symbols, finish and contrast. Similarly, all of the conditions affecting overhead signs and protruding objects described in this section should be observed.

SIGN DEVELOPMENT PROCESS

For an overview of the sign development process, refer to the LAWA Wayfinding Signage Project Approval Process and Phases & Requirements for New Signage Projects pages in Section 2, General Information of the Signage Standards

Submittal 1 – Conceptual Design

The Tenant shall submit to LAWA’s Commercial Development Group (CDG) a written description of the type of sign and/or graphics proposed for their selected space. A set of renderings or elevation to scale must be included. Drawings should be on a minimum sheet size of 11" x 17." While Computer-Aided Drafting (CAD) drawings are not required for the Concept Development submittal, they shall be required for all other construction drawings.

Submissions must be addressed to:
Commercial Development Group
Los Angeles World Airports
6053 W. Century Boulevard, Suite 400
Los Angeles, CA 90045
Tel: (424) 646-7200

CDG shall assign a Business Relations Manager (BRM) who will guide the Tenant through the development and implementation of the proposed sign. A single representative for the Tenant shall be responsible for communicating with the Business Relations Manager.

A copy of the Master Lease Exhibits (MLE) shall be provided for the impacted area. The MLE are for the Tenant’s information only. The Tenant must coordinate with the Business Relations Manager to research and obtain the specific Architectural and Engineering Record Drawings located in the Engineering Facilities Management Division, Reprographics Group.

Conceptual Design Submittal Check List

The Tenant shall submit a digital file of the Conceptual Design. The following is a draft list of items required and is subject to change:

- 1. Concept Request Form.
- 2. One (1) Site Plan or Terminal Lease Plan showing the location of the proposed concession/improvements.
- 3. At least one (1) photo showing the existing conditions.
- 4. One (1) color rendering or elevation(s) of the conceptual design identifying materials and architectural elements at a minimum scale of 1/4" = 1'-0".

When requested, the Tenant shall present the Conceptual Design to LAWA staff for review and approval. The Conceptual Design shall be submitted to LAWA within the time frame negotiated or stated in the Tenant’s agreement. Written comments shall be provided to the Tenant. The Tenant shall revise the design, incorporate comments received from LAWA, and resubmit for review and approval. Allow approximately 2 to 3 weeks for LAWA CDG to issue a concept approval notice to the Tenant upon receipt and acceptance of the submittal. No work shall begin on developing Design and Construction Documents without Notice to Proceed (NTP).

Submittal 2 – Design Development & Construction Documents

The Tenant shall formally issue a complete digital file of CAD drawings to LAWA with an accompanying Cover Letter addressed to the Project Manager. The Cover Letter shall identify the project, indicate the Submittal being issued, scope of work, design approval comments incorporated, if applicable, and a list of all the drawings included with submittal.

All drawings shall be to scale and should include, but are not limited to the following:

Drawing Description	Scale
Site Plan	As Appropriate
Elevations	1/4" = 1'-0"
Finish Schedule and Details	As Appropriate

LAWA’s review of the Design Development and Construction Document Submittals shall include, but are not limited to, the following topics:

- 1. Design Compatibility
The Tenant design shall conform to the overall architectural features of the terminal. The design shall fulfill the requirements of LAWA's design submittal process and comply with the LAWA Signage Standards.
- 2. Interface with Public Areas
The Tenant design bordering public areas shall conform to the lease-specified vertical and horizontal requirements, and coordinate with adjacent concessions.
- 3. Code Compliance
The Tenant design shall comply with all applicable local, state, and federal laws, codes, and ordinances and other government agency requirements. The Tenant is responsible for submitting documents directly to other government agencies.

SIGN DEVELOPMENT PROCESS

4. Sustainability

LAWA encourages the use of environmentally responsible materials and finishes. Wood-based materials and products should be certified in accordance with the Forest Stewardship Council's Principles and Criteria for wood building components. The Tenant should identify space for the collection and storage of recyclable materials such as paper, corrugated cardboard, glass, plastics and metals.

5. Compliance with LAWAs Signage Policy/Guidelines

The Design Development & Construction Documents shall be submitted to LAWAs within the time frame negotiated or as stated in the Tenant's lease agreement. Allow approximately 2 to 3 weeks for LAWAs to review and approve the Tenant's Design Development & Construction Documents.

If the Design Development & Construction Documents are not approved, the Project Engineer shall issue LAWAs review comments to the Tenant. The Tenant shall correct and/or revise the documents, as required, and re-submit the package for LAWAs approval. The Tenant shall obtain LAWAs Construction Approval in writing before any signage construction activities may begin.

Tenant Construction

Construction and installation of signs in Tenant areas shall not begin until an approved building permit has been secured from the City of Los Angeles Department of Building and Safety and written approval is received from LAWAs. When ready to begin construction, the Tenant shall notify the Project Engineer who will schedule a pre-construction meeting.

CURBSIDE OVERHEAD IDENTITY

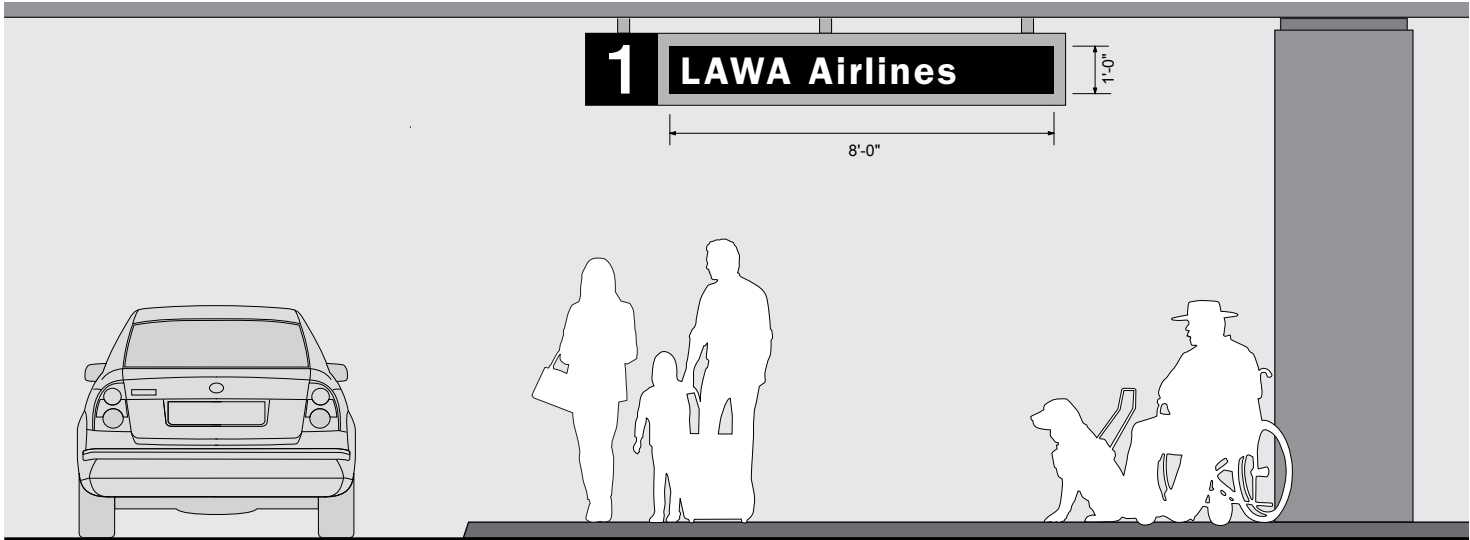


Fig. 6.1: Curbside tenant name identification under canopy on LAWA canister sign

Description	Airline tenants' names are permitted on LAWA signs located under the canopy over the curb in front of the tenant's own terminal.	Colors & Fonts	The text shall be white letters in the standard LAWA font for this sign type. No tenant logos or colors are permitted.
Location	On canister signs in front of tenant's terminal.	Materials	The sign panel shall be fabricated of acrylic.
Sign Size	Sign shall be a maximum panel size of 8 feet wide by 1 foot high.	Quantity	One (1) sign per each canister at the tenant's terminal.
Text Size	The letter height shall not exceed [X] inches and shall fit comfortably within the sign panel.	Sign Type	Digital.

CURBSIDE CHECK-IN IDENTITY

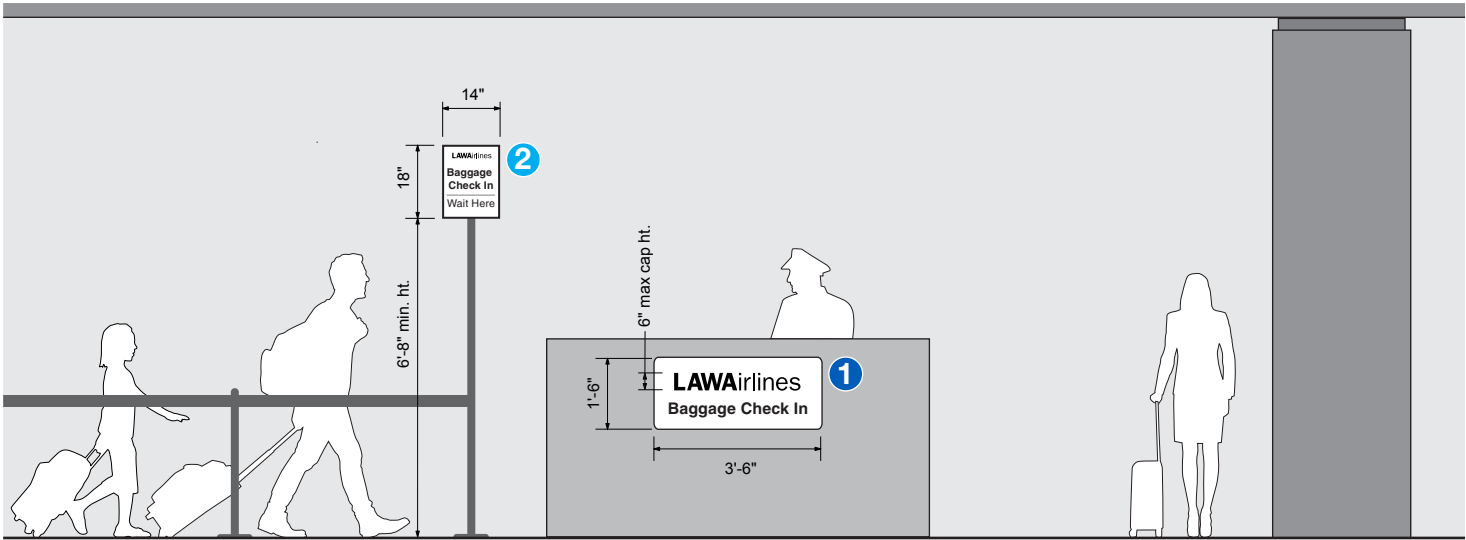


Fig. 6.2: Curbside identification signs showing tenant brand and LAWA standard font [Helvetica Neue]

Description	Tenant identity signs shall be permitted on curbside check-in counters.	Image & Text Size	1 The logo height is not to exceed 6 inches and fit comfortably within sign panel. 2 The tenant's logo and accompanying text shall fit comfortably within a panel sign. Text shall not exceed a maximum capital height of 6 inches. A minimum 1-inch edge margin shall be maintained around the copy.
Location	1 A primary identity sign may be attached to the check-in counter. No signs permitted on walls, sidewalks, systems, or housings. 2 A secondary stanchion sign is permitted at the head of a queuing line.	Colors & Fonts	1 The colors and fonts of the corporate signature are acceptable. Text should follow the tenant's corporate guidelines or use the LAWA exterior wayfinding font. 2 The colors and fonts of the corporate signature are acceptable. Text should follow the tenant's corporate guidelines or use the LAWA wayfinding font.
	Stanchion signs shall be maintained by tenant. Damaged signs shall be promptly replaced by tenant.	Materials	1 The sign panel shall be painted aluminum or acrylic with screened or vinyl copy. 2 Standard frame as provided by manufacturer.
Sign Size	1 The primary identity sign shall be a maximum panel size of 3 feet, 6 inches wide by 18 inches high. 2 The stanchion top sign shall be framed and firmly attached to the stanchion post top only. Maximum dimensions are 14 inches by 18 inches.	Quantity	1 One (1) per check-in tenant's own check-in counter. 2 One (1) per check-in queuing line.

TICKET KIOSK



Fig. 6.3: Tenant logo on automated ticket kiosk

Description

A tenant logo may be affixed to the structure surrounding a ticket kiosk when a kiosk is installed away from the primary check-in area. No signs are permitted on the back or sides of the monitor or its cabinet.

Location

The logo shall be attached on the passenger facing side of the kiosk only. No signs are permitted on the back or sides of the monitor or its cabinet.

Sign Size

The logo sign size shall not exceed 75% of the total frontage area of the kiosk.

Image & Text Size

The combined letter area and logo height shall not exceed 6 inches. A minimum 1-inch edge margin shall be maintained around the logo.

Colors & Fonts

The image and text of the tenant's brand shall contrast with the kiosk background color. Fonts should follow the tenant's corporate standards or use the LAWA interior wayfinding font.

Materials

The tenant logo shall be reproduced as screened or vinyl graphics applied to the housing surface of the kiosk.

Quantity

One (1) sign per kiosk; consistently positioned on all kiosks.

CHECK-IN QUEUE AREA

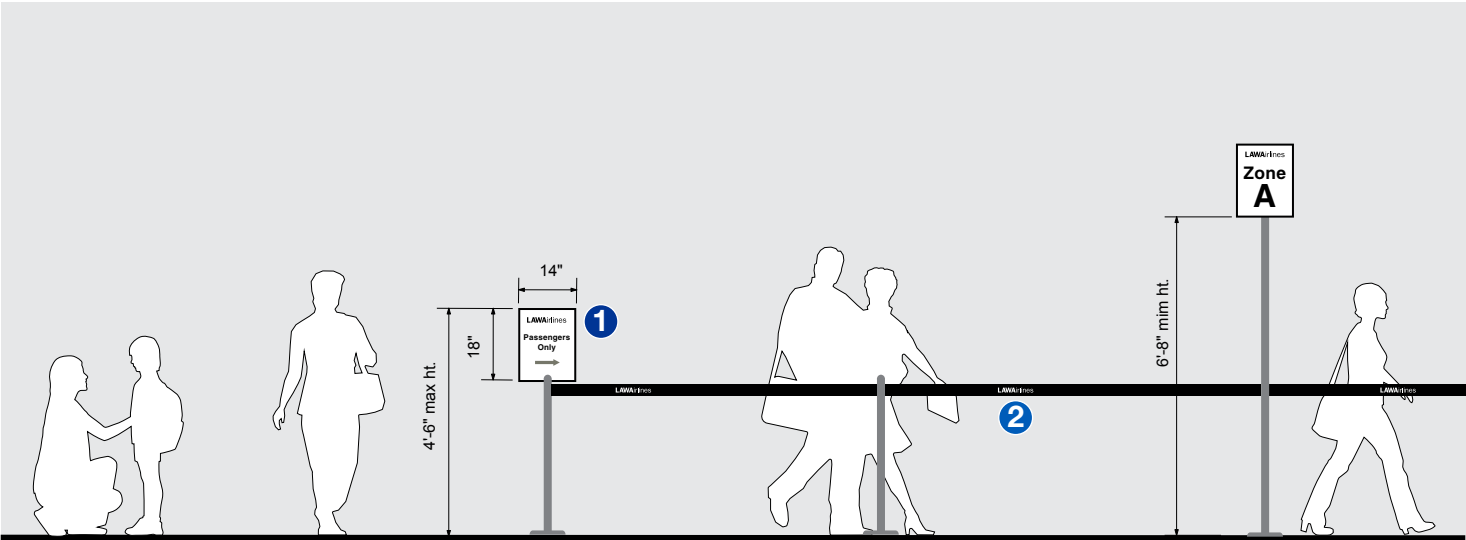


Fig. 6.4: Tenant brand graphics on queuing ribbons and stanchion signs

Description

Queue area signs are permissible on queue ribbons and stanchion toppers in tenant leased spaces only. All signs must meet Building & Safety and LAFD code regulations.

Location

- 1 Stanchion top signs shall be framed and firmly attached to the stanchion post top only. No queue area signs shall be permitted on – or attached to – other surfaces including floors, walls, structural supports, columns, and ceilings.
- 2 Copy on queue ribbons shall be printed graphics of one piece with the ribbon material. No signs shall be attached to the ribbon.

Stanchion signs shall be maintained by tenant.
Damaged signs shall be promptly replaced by tenant.

Sign Size

- 1 Maximum frame dimensions are 14 inches wide by 18 inches high.
- 2 The tenant logo height shall fit comfortably on the ribbon.

Image & Text Size

- 1 The tenant's logo and accompanying text shall fit comfortably within a panel sign. Text shall not exceed a maximum capital height of 6 inches. A minimum 1-inch edge margin shall be maintained around the copy.
- 2 The signature height shall not exceed a minimum 1/4-inch edge margin above and below the copy.

Colors & Fonts

- 1 The tenant's brand colors are acceptable. Fonts should
- 2 follow the tenant's brand standards or use the LAWA interior wayfinding font.

Materials

- 1 Standard frame as provided by manufacturer.
- 2 Screened copy on ribbon fabric.

Quantity

- 1 Maximum two (2) stanchion top signs at each queue position; one (1) per lane.
- 2 One (1) tenant logo per every 3 feet of ribbon.

CHECK-IN BACKWALL IDENTITY



Fig. 6.5: Tenant brand graphics and information display behind check-in counters

Description

- 1 Tenant logo and printed brand wall graphics may be displayed on the wall behind the check-in counter.
- 2 Digital monitors that display the tenant's logo and pertinent flight information are acceptable. No projecting digital signs are permitted.

All signs shall be of durable construction intended for permanent installation. No advertising or promotion signs are permitted.

Location

The tenant's identity signs shall be mounted flush to the wall directly behind the check-in counter.

Sign Size

- 1 The total height of a corporate signature including logo & logotype shall not exceed 25% of the wall height. Wall graphics may extend to the full height and width of the tenant's leased area at the check-in counters.
- 2 Digital signs shall not exceed a maximum size of 12 square feet.

Image & Text Size

- 1 The preferred logo is individually mounted dimensional characters against a restrained background wall.
- 2 Digital signs shall display text sizes appropriate for the intended viewing distance. Animated text and graphics shall be reviewed by LAWA for approval. All messages shall comply with CBC 11b-216.13 and 11b-703.8.

Colors & Fonts

- 1 The tenant's brand colors and fonts are acceptable.
- 2 Illuminated digital text must match or exceed ADA code requirements.

Materials

- 1 Acceptable materials are painted or finished metal and acrylic. Internal illumination shall be LED display.
- 2 Back-lit monitors with thin bezel.

Quantity

- 1 One (1) tenant logo is permitted for each 25 feet of the lease line.
- 2 One (1) digital sign per every two (2) counters maximum.

CHECK-IN COUNTER

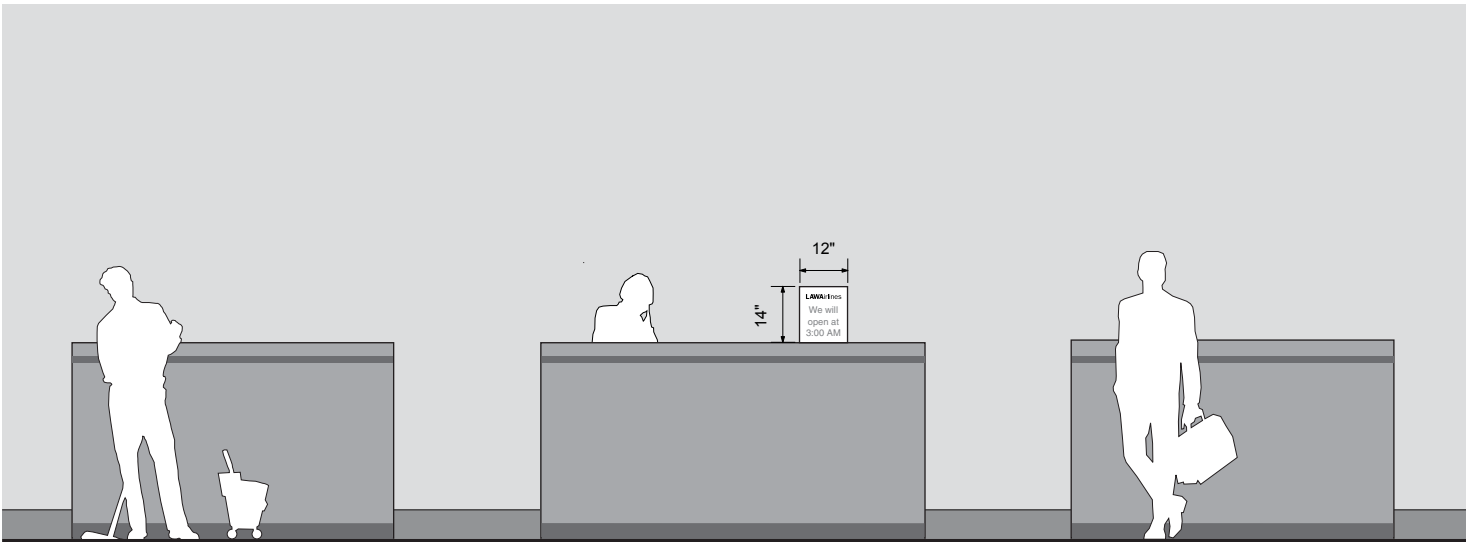


Fig. 6.6: Countertop information sign

Description

Display signs consisting of the tenant's logo and accompanying informational text shall be permitted on ticket counters.

Location

Countertop signs shall be displayed on service counters only. No display signs shall be permitted on – or attached to – other surfaces including ticket kiosks, conveyor systems, housings, stanchions or structures.

Sign Size

Maximum dimensions are 12 inches by 14 inches.

Image & Text Size

The corporate signature and accompanying text shall fit comfortably within a panel sign. Text shall not exceed a maximum capital height of 6 inches. A minimum 1-inch edge margin shall be maintained around the copy.

Colors & Fonts

The tenant's brand colors are acceptable. Fonts should follow the tenant's corporate standards or use the LAWA standard font, Helvetica Neue.

Materials

Acceptable material is acrylic with screened or cut vinyl copy, acrylic frame or window with metal or plastic support.

Quantity

One (1) sign is permitted for each 15 feet of counter length.

BAG SIZE CHECKER



Fig. 6.7: Standard bag sizers minimize clutter in the terminal

Description	Colors & Fonts
Information signs consisting of the tenant’s corporate signature and accompanying text shall be permitted on bag sizer equipment.	The tenant's brand colors are acceptable. Fonts should follow the tenant's brand standards or use the LAWA standard font, Helvetica Neue.
Location	Materials
The sign copy shall be positioned on the passenger facing sides of the device.	Acceptable material is metal or acrylic with direct print, screened, or cut vinyl copy.
Sign Size	Quantity
The sign size shall not exceed 75% of the total frontage area of the device. The bag sizer apparatus height shall not be greater than 3 feet.	One (1) sign is permitted for each side of the device.
Image & Text Size	
Copy shall be limited to a corporate signature and minimal instructional text. No promotional or advertising copy or graphics shall be allowed. The combined logo and text shall fit comfortably within a minimum 1-inch margin from the edge of the sign.	

PASSENGER BOARDING AREA

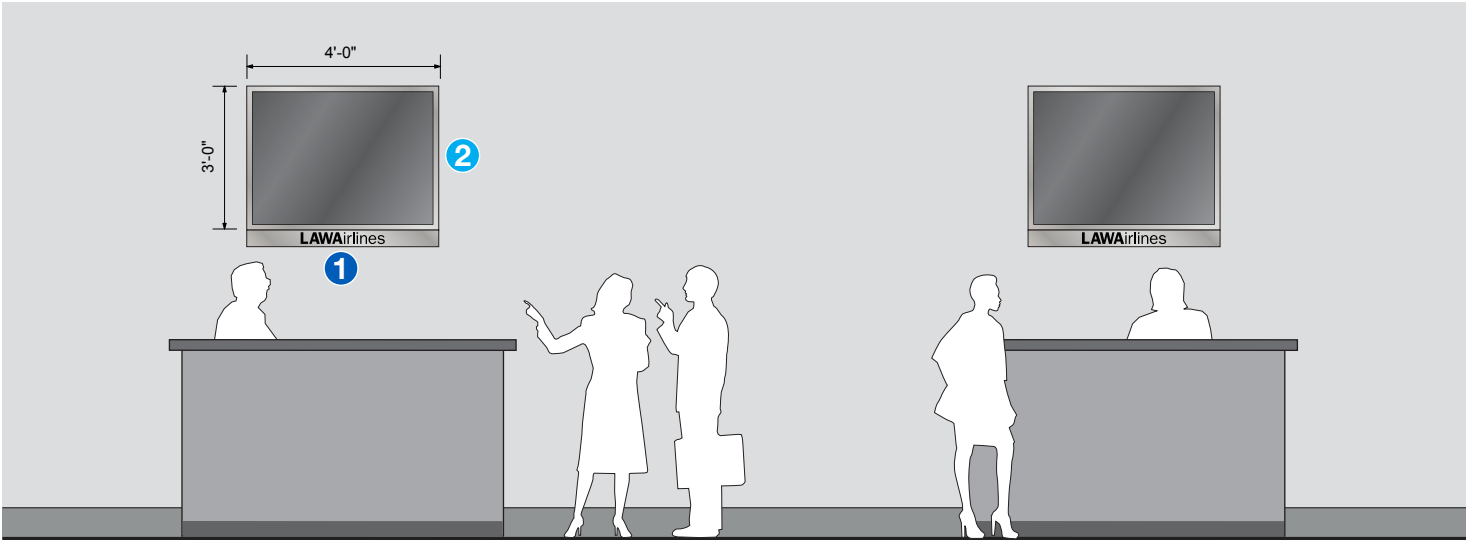


Fig. 6.8: GID monitors in the boarding areas may display tenant identity and travel oriented messages only

Description	Image & Text Size
Tenant signs in the boarding area shall be reviewed by LAWA on a case-by-case basis. All signs shall be of an informative nature designed to meet the needs of passengers. No promotional or advertising copy or graphics shall be displayed.	1 The combined letter area and logo height shall not exceed 6 inches. A minimum 1-inch edge margin shall be maintained around the logo.
1 A tenant logo may be affixed to the cabinet housing a GID monitor.	2 Digital signs shall display text sizes appropriate for the intended viewing distance. Excessive use of animated text and graphics is prohibited. All messages shall comply with CBC 11b-216.13 and 11b-703.8.
2 Digital monitors that display the tenant's logo and pertinent flight information are acceptable.	Colors & Fonts
Location	1 The tenant's brand colors and fonts are acceptable.
1 The tenant's logo may be displayed on the passenger facing side of the GID monitor. No signs are permitted on the back or sides of the monitor or its cabinet.	2 Illuminated text must match or exceed ADA code requirements.
2 The preferred location is on the wall directly behind the counter. All digital signs shall be mounted at the same height.	Materials
Sign Size	1 The tenant logo shall be reproduced as screened or vinyl graphics applied to the monitor cabinet.
1 The logo sign size shall not exceed 75% of the total frontage area of the GID monitor.	2 Back-lit monitors with thin bezel.
2 Digital signs shall not exceed a maximum size of 12 square feet.	Quantity
	1 One (1) logo sign per monitor; consistently positioned on all monitors.
	2 One (1) digital sign per gate maximum.

BAG SERVICE OFFICE

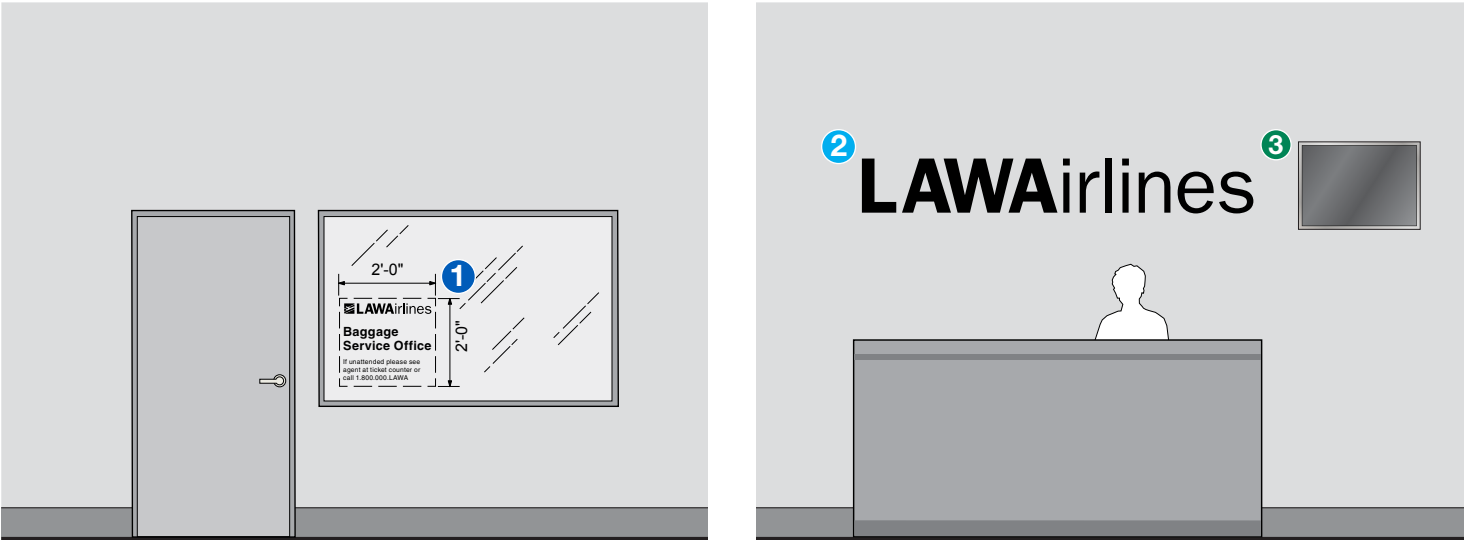


Fig. 6.9: Tenant logo, digital display, and service information signs in the bag service office area.

Description

Tenant logo and information signs are permitted in the bag service office area. Signs shall comply with the requirements and aesthetics of the LAWAA Signage Standards.

Location

- 1 An information office sign may be located in the window, on the wall next to the main office door and in some cases, on the glass door.
- 2 A tenant logo sign and a digital information monitor
- 3 may be attached to the wall directly behind the service counter. No projecting digital signs are permitted. No other signs shall be displayed.

Sign Size

- 1 The information sign shall fit within a single area not to exceed 2 feet wide by 2 feet high.
- 2 The tenant's logo sign shall not exceed 75% of the length of the service counter.
- 3 Digital signs shall not exceed a maximum size of 12 square feet.

Image & Text Size

- 1 Copy shall be limited to brief descriptive text such as "Baggage Services," phone numbers, hours of operation, etc.
- 2 The preferred logo is individual dimensional characters.
- 3 Digital signs shall display text sizes appropriate for the intended viewing distance. All messages shall comply with CBC 11b-216.13 and 11b-703.8.

Colors & Fonts

The tenant's brand colors and fonts are acceptable. Fonts should follow the tenant's graphic standards or use the LAWAA standard font, Helvetica Neue.

Materials

- 1 The information sign shall be either screened or vinyl graphics applied to the interior side of the glass.
- 2 Acceptable materials are painted or finished metal and acrylic. Internal illumination shall be LED display.
- 3 Back-lit monitors with thin bezel.

Quantity

One (1) sign of each type per bag service area.

AIRLINE LOUNGE DIRECTION

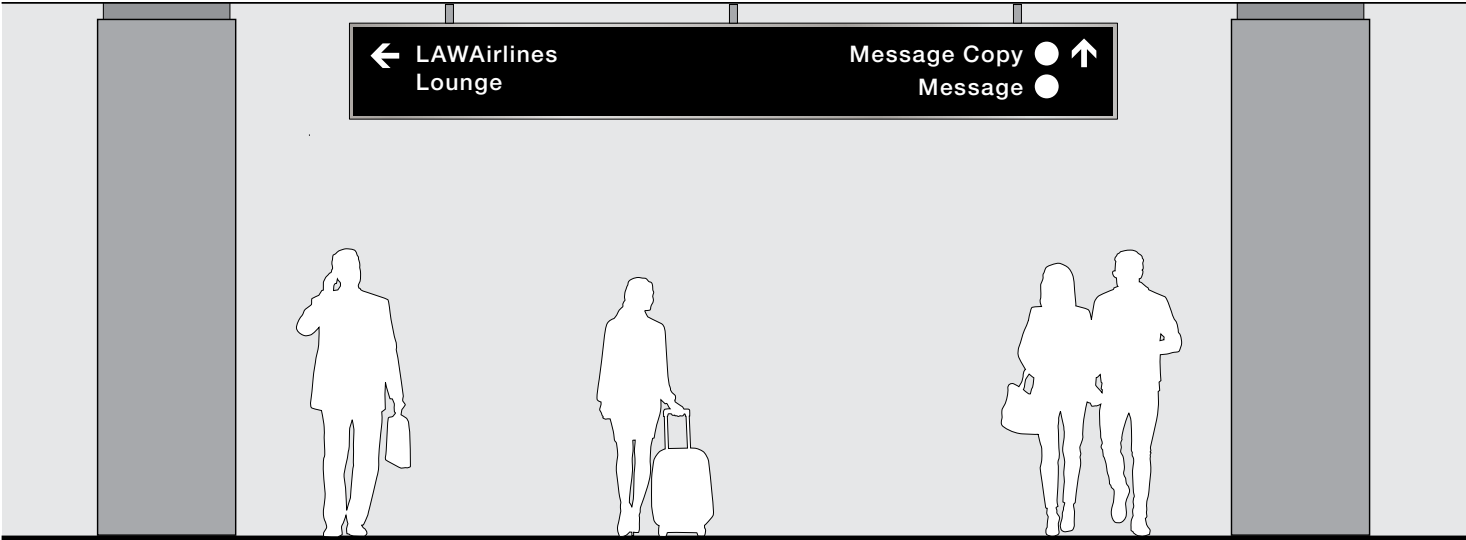


Fig. 6.10: Directions to airline lounges may appear on overhead pedestrian wayfinding signs by request to LAWAA.

Description

Direction signs for airline lounges may be requested to LAWAA for inclusion on terminal wayfinding signs. No other directional signs – freestanding or attached – are permitted.

Location

Wayfinding text and arrow may be included on terminal wayfinding signs. No tenant logos or brand graphics are allowed. Placement of copy and graphics to be determined by LAWAA.

Sign Size

Sign size and sign type will be determined by LAWAA.

Image & Text Size

The combined letter and arrow height will be governed by the standards for the sign type determined by LAWAA.

Colors & Fonts

The colors and font shall follow LAWAA's Signage Standards.

Materials

Sign materials shall be consistent with LAWAA's Signage Standards.

Quantity

Signs and messages shall be determined by LAWAA according to location and sign space availability.

AIRLINE LOUNGE IDENTITY

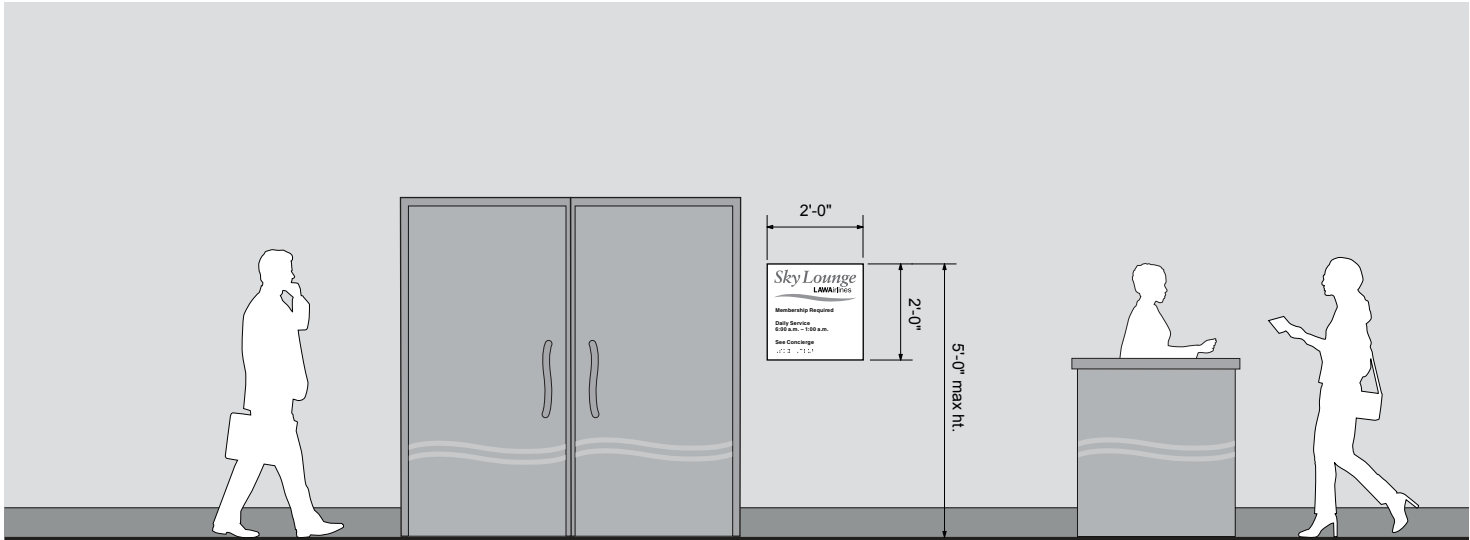


Fig. 6.11: Airline lounge identity signs may include ADA required tactile identification.

Description

Airline lounge identification signs are mandatory at the entrance to the tenant’s lounge and must include ADA tactile and Braille text.

Location

A lounge identification sign will be located on the wall immediately adjacent to the entrance door. No signs are permitted on walkways, windows, corridor walls, freestanding stanchions or structures.

Sign Size

The lounge identification sign must fit within a single area 2 feet wide by 2 feet high.

Image & Text Size

Copy will be limited to the tenant’s logo and brief descriptive text such as service hours, phone numbers, etc. Copy will fit comfortably within the display area and may not encroach a minimum 1-inch edge margin.

Colors & Fonts

The tenant’s brand colors are acceptable. Fonts should follow the tenant’s corporate standards or use the LAWA standard font, Helvetica Neue.

Materials

Acceptable materials are polished or brushed metal, painted aluminum and acrylic.

Quantity

One (1) sign per entrance.

OFFICE IDENTIFICATION

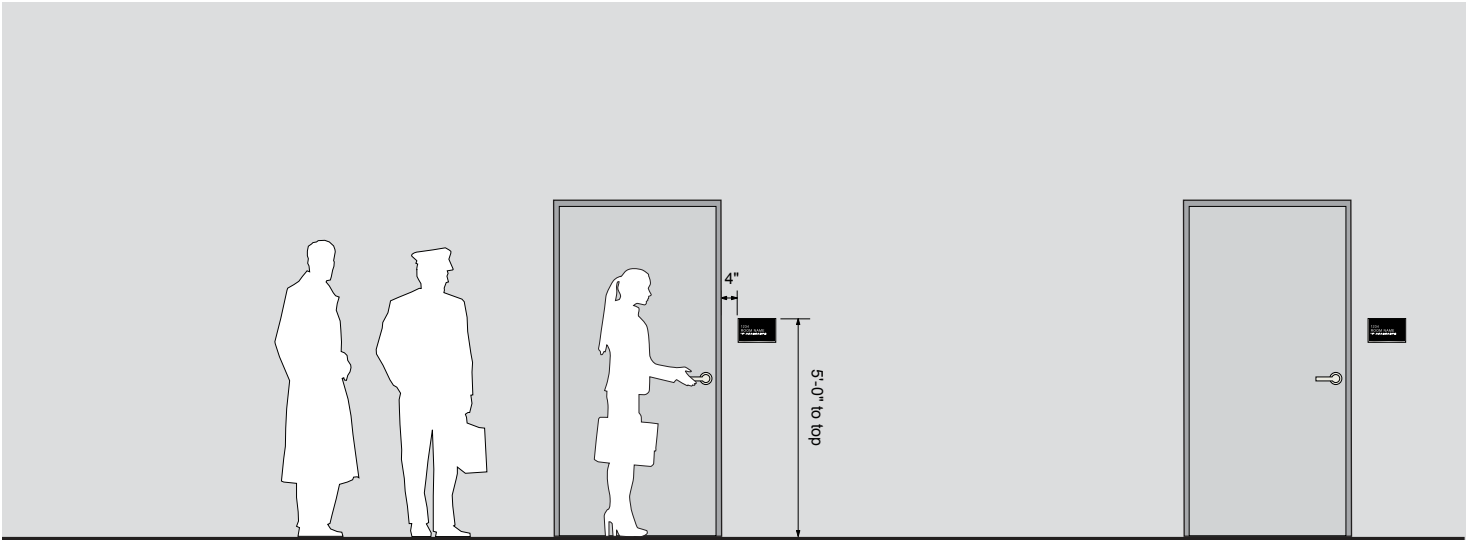


Fig. 6.12: Room identification signs that comply with ADA code standards are required by law.

Description

Room signs are required at all entrance doors. Public facing doors shall use standard LAWA room identity signs per the Signage Standards. LAWA encourages use of the same for tenant's back-of-house signs.

Location

A room identification sign is required at each door in the tenant's leased space.

Sign Size

Sign size and sign type shall match the Signage Standards for room identity plaques.

Image & Text Size

The text height will be governed by the standards for the room identity sign type determined by LAWA. The sign must include the MAXIMO® identification number and tactile copy.

Colors & Fonts

The colors and font shall follow LAWA’s standards for room identity plaques.

Materials

Sign materials shall be consistent with LAWA’s Signage Standards.

Quantity

One (1) sign per entrance.

TENANT BUILDING SIGNAGE RESTRICTIONS

Office and warehouse buildings under LAWA jurisdiction are subject to the following restrictions.

1. No signs shall be permitted on doors or windows except those required to meet safety standards. Some exceptions are noted in these Standards.

2. Architectural elements should be utilized for sign application when possible, i.e., header, soffit, fascia, parapet.

3. Signage may not violate architectural features and shall not exceed the width of any vertical architectural element, wall, facade or fascia.

4. If sign is positioned within 3 feet of architectural elements such as doors or windows, it must be centered over that element and may not extend above, below or cover it in any way.

5. Where possible, signage to be positioned at parapet, but not to extend above or below.

6. All signs must be permanently mounted.

7. Individually mounted, internally illuminated letters are required for master and sub-tenant identity signage.

8. Lettering is limited to corporate name or corporate name and “Express,” “Air Cargo,” “Air Freight” or “Transfer” provided that they are registered corporate identities.

9. Where possible, all sign information should be located above roll-up doors.

10. No signage is permitted on bay or roll-up doors.
11. All roll-up doors in bays must be the same color.

12. Bay identification number(s) will be allowed over each bay. The maximum height is 9 inches.

13. Signage mounted above a bay must be centered directly over the bay. Sign width cannot exceed the width of the bay.

14. When two or more bays are represented by the same sign, one sign will be centered between the two bays, if possible.

15. No temporary attachments will be permitted.

16. No stenciling will be permitted.

17. No internally illuminated can signs will be permitted.

18. No exposed can, raceways, or crossovers shall be permitted.

19. No plaques or painted on numbers; numbers must be cut out, individually mounted. Some exceptions are noted in these Standards.

20. No back washed, spot lighted, or flashing signs are permitted.

21. No window signs will be permitted. Some exceptions are noted in these Standards.

22. No signs shall be permitted on the roof or parapet of any building. This regulation also applies to any structure atop a building, such as check-in building pylons.
23. No exposed neon, animated, or flashing signs are permitted. Internally illuminated signs shall be kept to a minimum using translucent acrylic diffusion to control the brightness. Illuminated signs shall be allowed only in specific circumstances mentioned in the text of these standards. All illuminated signs shall meet all code requirements and bear the label of the Underwriters Laboratories, Inc.

24. No vertically mounted lettering is permitted.

25. No signage on awnings or canopies is permitted.

26. No paper, handmade or hand lettered sign will be permitted.

27. “No Parking” signs may repeat where necessary, but must be located individually and may not overlap or extend on to any other signage or architectural feature.

28. No signage shall be permitted on semicircular, center metal walls in the remote bus holding areas or semicircular center core walls in the satellite buildings unless otherwise approved by LAWA.

29. Signs required by local codes shall use the design of sign types in the LAWA Signage Standards for compatibility with all properties under LAWA jurisdiction, unless agreed to in writing by the Signage & Graphics Manager.

BUILDING ADDRESS



Fig. 6.13: Address height deterination for a building set back 30'-0" from street: 30' = 3" / 30" ÷ 10" = 3" / 3" + 2" = 5".

Description

All buildings shall display address numbers clearly visible from the street. Local codes apply. Refer to sign types A103-V and 104-V in these Signage Standards.

Location

The address is required at the front of the building facing the street it is addressed to or facing the runway/taxiway if applicable. The address will be a minimum of 8 feet above finish grade and visible from the street.

Sign & Image Size

The address sign shall be composed of individually mounted dimensional characters. Letter/numeral size is determined as follows:

- Width: must be 1/2 the capital height. The stroke width of any portion must not be less than 1/10 of the character height.
- Height: must be 2 inches taller than 1/10 of the street setback distance in feet, as expressed in inches.

Capital Height Formula:

Measure distance from street (= total feet)
Convert feet to inches (= total Inches)
Divide total Inches by 10 (= 1/10 cap. ht.)
Add 2 inches (1/10 cap. ht. inches + 2 inches)
Sum = Capital Height (inches)
Refer to LAFD Street Address Number Guide, (www.lafd.org).

Colors & Fonts

There must be at least 70% visual contrast of value between the address sign and its background.
The preferred font is the LAWA standard, Helvetica Neue. Refer to sign types A103-V and 104-V.

Materials

Acceptable materials are polished or brushed stainless steel. Paint may be applied to meet 70% contrast.

Quantity

- One (1) sign at the front of the building facing the street.
- One (1) sign on the building frontage facing the runway/taxiway if necessary.

FACILITY ADDRESS

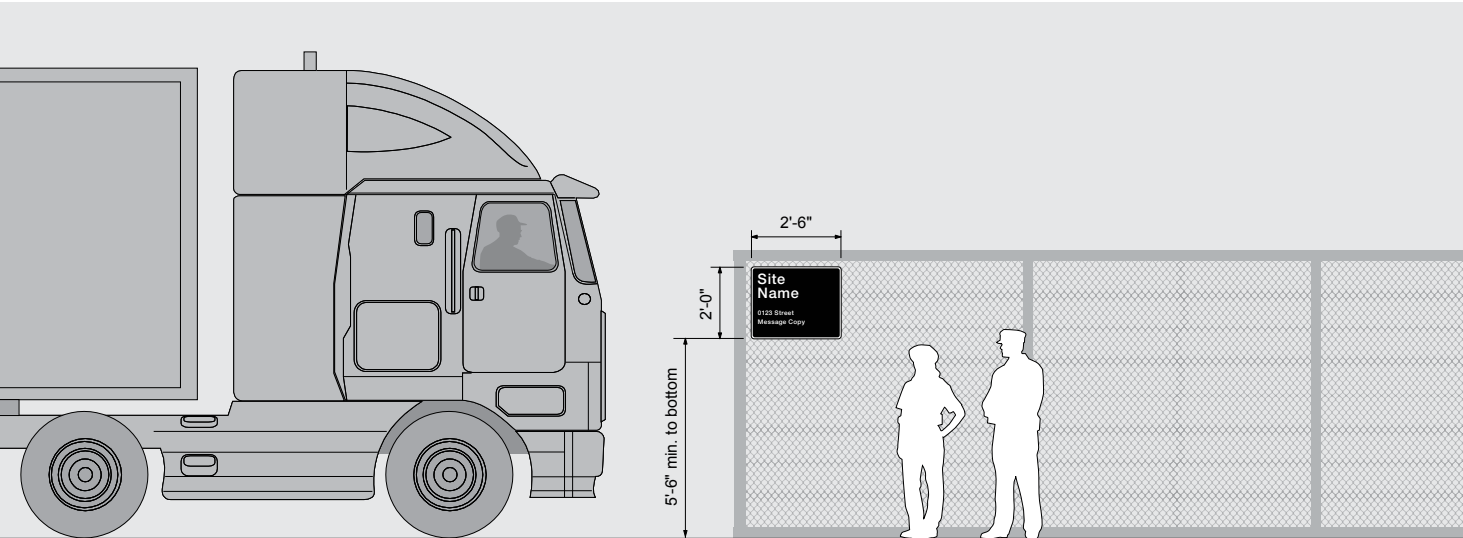


Fig. 6.14: Address signs for LAWA properties shall conform to sign type A110-V Site Address Panel.

Description

All facilities not occupied by a street-facing building shall display the address with sign type A109-V.

Location

On property wall or fence at site entrance.

Sign Size

Sign shall be a maximum panel size of 6 feet, 0 inches wide by 2 feet, 11 inches high.

Image & Text Size

The combined message area shall not exceed 85% of the total area of the sign face and fit comfortably in that space.

Colors & Fonts

Direct-to-surface printed, screened or cut vinyl black copy on white background. Refer to sign type A110-V.

Materials

The sign panel shall be fabricated of minimum .080 gauge aluminum panel; painted.

Quantity

One (1) per property entrance.

FACILITY DIRECTORY MONUMENT

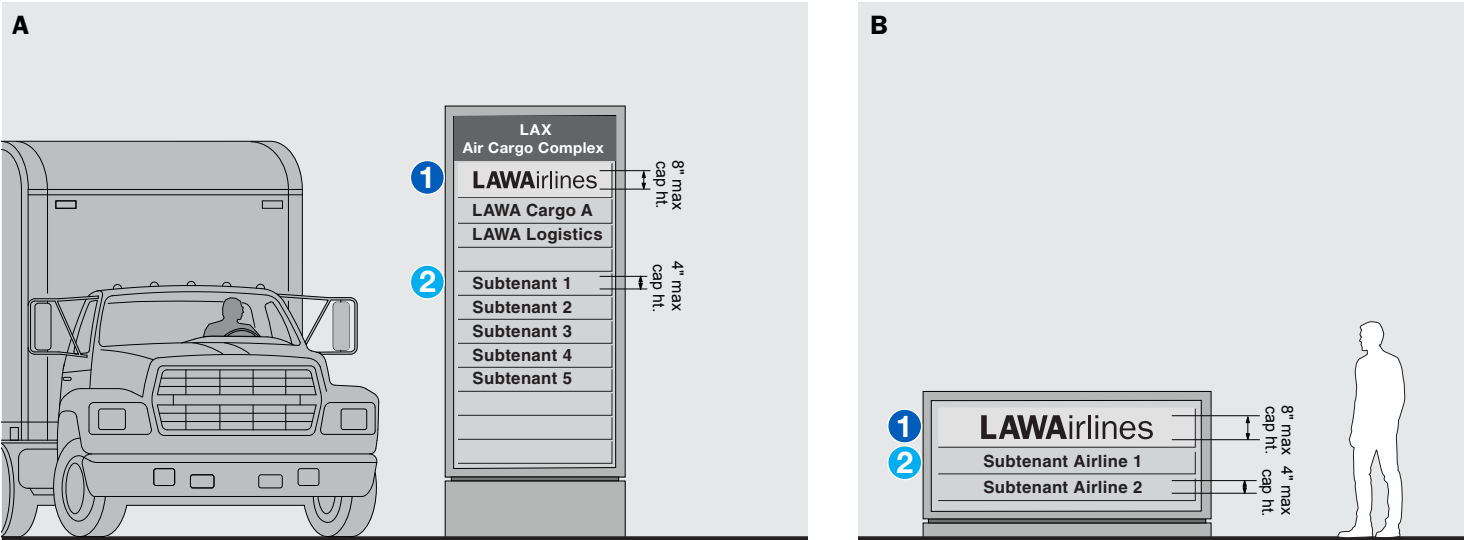


Fig. 6.15: Suggested monument type directory signs for multiple tenants.

Description

Each air freight complex and/or building is permitted one monument directory sign at the primary entrance to the site, or inclusion on an existing directory sign at LAWAA's discretion. A new monument sign must be clearly visible from the street for vehicular traffic from both directions. These signs will be reviewed by LAWAA on a case-by-case basis.

Location

A directory sign may be erected as a freestanding monument at the leased facility's vehicular entrance.

Sign Size

- A. Large: building complex or multiple tenant building: maximum sign area is 60 square feet.
- B. Small: single structure with major tenant with a maximum of 2 sub-tenants: maximum sign area is 32 square feet.

Image & Text Size

Master tenant logos and tenant text messages are limited to a maximum capital height of 8 inches. Subtenant text messages are limited to a maximum height of 4 inches.

Colors & Fonts

- 1 Tenant logo, fonts, and colors are acceptable for master tenant sign directories only.
- 2 Subtenant signs on directories shall not use corporate logos, fonts, and colors. Use the LAWAA standard font Helvetica Neue for each tenant name.

Materials

Materials selection must be submitted for review by LAWAA. Preferred construction materials are stainless steel, aluminum, and acrylic.

Quantity

A maximum of one (1) directory monument per building complex is permitted.

FACILITY DIRECTION

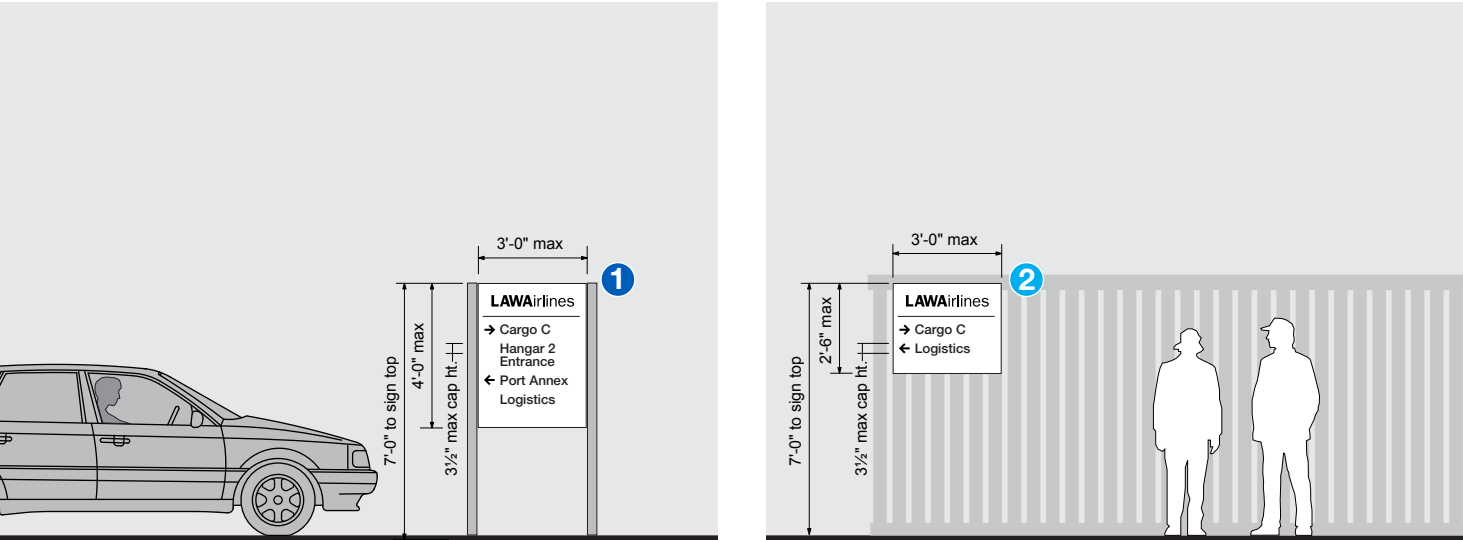


Fig. 6.16: Vehicle direction signs are permissible but not preferred.

Description

Each tenant is permitted to display a non-illuminated vehicle directional sign when no other direction signs exist at the leased facility. These signs will be reviewed by LAWAA on a case-by-case basis.

Location

- A directional sign may:
- 1 be erected as a freestanding post sign
 - 2 be attached to a fence, or be attached to the exterior walls of the tenant's own building (with the written approval of all other building occupants).

Sign Size

- The maximum sign sizes are:
- 1 3 feet wide by 4 feet high
 - 2 3 feet wide by 2 feet, 6 inches high

Image & Text Size

Copy shall be limited to the tenant's logo and minimal direction information and arrows. The logo shall not be longer than 75% of the sign width. Text messages are limited to a maximum capital height of 3-1/2 inches. No colored borders or other graphics are permissible.

Colors & Fonts

- The background of the sign shall be white.
- The tenant's logo and logo colors are acceptable.
- Fonts for informational text shall be LAWAA standard font Helvetica Neue in black.

Materials

Approved construction materials are painted aluminum panel with Direct print or vinyl copy.

Quantity

One (1) sign only per tenant. Whenever possible, master tenant and subtenants will combine all information on one sign to eliminate redundancy.

TENANT OFFICE & WAREHOUSE BUILDINGS

Mandatory Signage

- Tenant office and warehouse buildings shall include the following signs:
- 1 Logo sign for master tenant
 - 2 Logo sign for each subtenant
 - 3 Address sign
 - 4 Information/service sign as needed for each tenant

Wording of these signs shall be restricted to tenant identification. Other inscriptions of informational nature may be approved. Tenant signs shall be reviewed by LAWA on a case-by-case basis.

Building Code Compliance

- All tenant signs – exterior and interior – must conform to all Los Angeles building code requirements and the most current versions of the following documents:
- 1. Los Angeles Code of Ordinances, Title 22, Section 22.46.2160–Signage Regulations and Title 22, Section 22.114.090–Wall Business Signs.
 - 2. Los Angeles Department of Building and Safety, L.A.M.C. Sections 14.4.2 & 14.4.10; L.A.B.C. Section 6211.
 - 3. LAFD Street Address Number Guide (www.lafd.org).

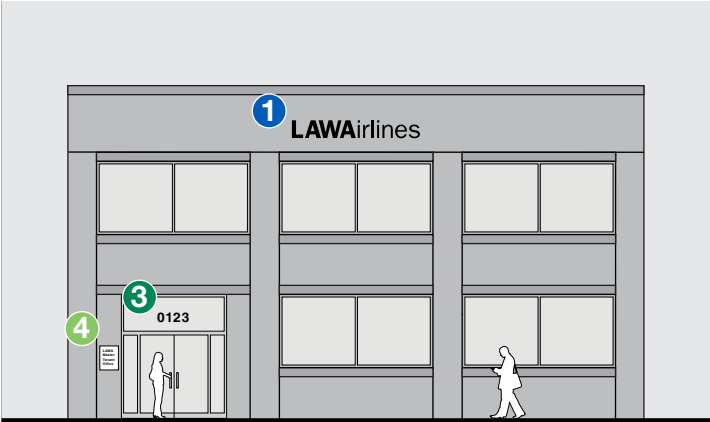


Fig. 6.15: Office building sign types



Fig. 6.16: Warehouse building sign types

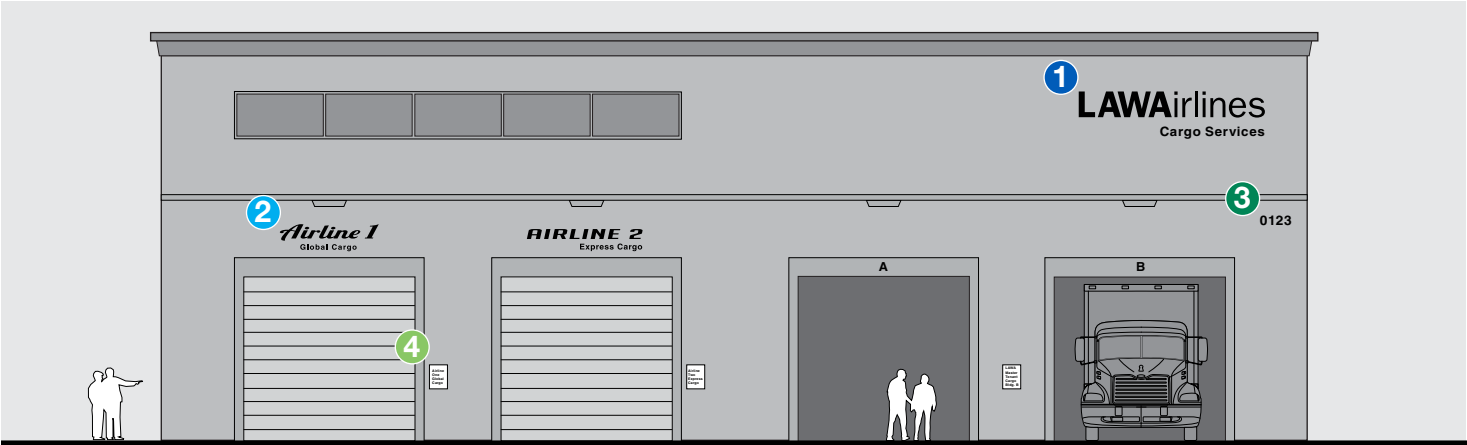


Fig. 6.17: Warehouse building sign types for multiple occupants (master tenant and subtenants)

TENANT OFFICE & WAREHOUSE BUILDINGS

Location

- 1 Master tenant identity: the master tenant's logo sign may be placed on any side of the building. The sign shall align with a vertical or horizontal architectural feature where possible.
- 2 Subtenant identity: the subtenant's logo sign may be placed on any side of the building. The sign shall align with a vertical or horizontal architectural feature where possible.
- 3 Address: the street address must be attached to the building on the side of the building facing the street.
- 4 Tenant information/service: an information/service sign is permitted as needed for building operations.

Sign Size

- 1 Master tenant identity: refer to building codes for maximum square footage allowance.
- 2 Subtenant identity: refer to building codes. Maximum square footage shall be determined as one-half of the maximum size of the master tenant identity sign.
- 3 Address: refer to Building Code Compliance, LAFD Street Address Number Guide.
- 4 Tenant information/service: must not exceed 8 square feet in area.

Image & Text Size

- 1 Master tenant identity: refer to building codes for maximum square footage.
- 2 Subtenant identity: refer to building codes. Maximum square footage shall be determined as one-half of the maximum size of the master tenant identity sign.
- 3 Address: refer to Building Code Compliance, LAFD Street Address Number Guide.
- 4 Tenant information/service: maximum capital height for an information/service sign is 6 inches.

Colors & Fonts

- 1 Master tenant identity: the tenant's brand colors and fonts are acceptable.
- 2 Subtenant identity: the subtenant's brand colors and fonts are acceptable.

- 3 Address: the sign shall be constructed per the LAWA Signage Standards, sign types A103 and A104 in Section 5, Sign Type Detail Drawings of the LAWA Signage Standards.
- 4 Tenant information/service: the tenant's brand colors and fonts are acceptable. Fonts should follow the tenant's graphic standards or use the LAWA standard font, Helvetica Neue.

Materials

- 1 Master tenant identity: the preferred logo sign is individually mounted dimensional characters painted or finished metal and acrylic. Internal illumination shall be LED display.
- 2 Subtenant identity: the preferred logo sign is individually mounted dimensional characters painted or finished metal and acrylic. Internal illumination shall be LED display.
- 3 Address: refer to materials specified for sign types A103 and A104 in Section 5, Sign Type Detail Drawings of the LAWA Signage Standards.
- 4 Tenant information/service: acceptable material is metal or acrylic with direct print, screened, or cut vinyl copy.

Quantity

- 1 Master tenant identity: maximum of two (2) tenant logo signs are permitted on each building. No more than one (1) per building side.
- 2 Subtenant identity: maximum of two (2) tenant logo signs are permitted on each building. No more than one (1) per building side.
- 3 Address: no more than one (1) street address sign per structure is permitted.
- 4 Tenant information/service: one (1) information/service sign per tenant per side is permitted.

TENANT HANGAR & SERVICE BUILDINGS

Mandatory Signage

Tenant office and warehouse buildings shall include the following signs:

- 1 Logo sign for master tenant
- 2 Logo sign for each subtenant
- 3 Address sign
- 4 Information/service sign as needed for each tenant

Wording of these signs shall be restricted to tenant identification. Other inscriptions of informational nature may be approved. Tenant signs shall be reviewed by LAWA on a case-by-case basis.

Building Code Compliance

All tenant signs – exterior and interior – must conform to all Los Angeles building code requirements and the most current versions of the following documents:

- 1. Los Angeles Code of Ordinances, Title 22, Section 22.46.2160–Signage Regulations and Title 22, Section 22.114.090–Wall Business Signs.
- 2. Los Angeles Department of Building and Safety, L.A.M.C. Sections 14.4.2 & 14.4.10; L.A.B.C. Section 6211.
- 3. LAFD Street Address Number Guide (www.lafd.org).



Fig. 6.18: Hangar and service building sign types for multiple occupants (master tenant and subtenants)

TENANT HANGAR & SERVICE BUILDINGS

Location

- 1 Master tenant identity: the master tenant's logo sign may be placed on any side of the building. The sign shall align with a vertical or horizontal architectural feature where possible.
- 2 Subtenant identity: the subtenant's logo sign may be placed on any side of the building. The sign shall align with a vertical or horizontal architectural feature where possible.
- 3 Address: the street address must be attached to the building on the side of the building facing the street.
- 4 Tenant information/service: an information/service sign is permitted as needed for building operations.

Sign Size

- 1 Master tenant identity: refer to building codes for maximum square footage allowance.
- 2 Subtenant identity: refer to building codes. Maximum square footage shall be determined as one-half of the maximum size of the master tenant identity sign.
- 3 Address: refer to Building Code Compliance, LAFD Street Address Number Guide.
- 4 Tenant information/service: must not exceed 8 square feet in area.

Image & Text Size

- 1 Master tenant identity: refer to building codes for maximum square footage.
- 2 Subtenant identity: refer to building codes. Maximum square footage shall be determined as one-half of the maximum size of the master tenant identity sign.
- 3 Address: refer to Building Code Compliance, LAFD Street Address Number Guide.
- 4 Tenant information/service: maximum capital height for an information/service sign is 6 inches.

Colors & Fonts

- 1 Master tenant identity: the tenant's brand colors and fonts are acceptable.
- 2 Subtenant identity: the subtenant's brand colors and fonts are acceptable.

- 3 Address: the sign shall be constructed per the LAWA Signage Standards, sign types A103 and A104 in Section 5, Sign Type Detail Drawings of the LAWA Signage Standards.
- 4 Tenant information/service: the tenant's brand colors and fonts are acceptable. Fonts should follow the tenant's graphic standards or use the LAWA standard font, Helvetica Neue.

Materials

- 1 Master tenant identity: the preferred logo sign is individually mounted dimensional characters painted or finished metal and acrylic. Internal illumination shall be LED display.
- 2 Subtenant identity: the preferred logo sign is individually mounted dimensional characters painted or finished metal and acrylic. Internal illumination shall be LED display.
- 3 Address: refer to materials specified for sign types A103 and A104 in Section 5, Sign Type Detail Drawings of the LAWA Signage Standards.
- 4 Tenant information/service: acceptable material is metal or acrylic with direct print, screened, or cut vinyl copy.

Quantity

- 1 Master tenant identity: maximum of two (2) tenant logo signs are permitted on each building. No more than one (1) per building side.
- 2 Subtenant identity: maximum of two (2) tenant logo signs are permitted on each building. No more than one (1) per building side.
- 3 Address: no more than one (1) street address sign per structure is permitted.
- 4 Tenant information/service: one (1) information/service sign per tenant per side is permitted.

TERMINOLOGY & GLOSSARY

The consistent application of LAWA approved words and terms aids message comprehension and communication.



LAWA APPROVED TERMINOLOGY

AED	Economy Check-in	Nursing Room	Scheduled Buses
Airport Parking	Economy Parking		Scheduled Service
Airport Police	Elevator	Oversize Bag Claim	Security Badge Office
Airport Police Facility	Escalator	Oversize Bag Screening	Security Checkpoint
Airport Return	Evacuation Plan		Self Bag Drop
AirTrain	Exit	P1	Shared Ride Van
AirTrain Drop Off	Exit Route	P2a	Shared Rides
All Gates	Exit Stair	P2b	Station A
All Gender		P3	Station B
All Terminals	Fire Extinguisher	P4	Station C
App Rides	First Aid	P5	Station D
Arrivals	FlyAway Buses	P6	Station E
Arriving Flights		P7	Station F
Authorized Personnel Only	Gate, Gates	Parking	Station G
	Ground Level	Parking Lot E	Sterile Area
Baby Changing Station	Ground Transport	Parking Lot F	
Bag Claim	Ground Transport Center	Parking Lot Shuttle Zone	T1
Bag Drop		Parking Shuttles	T2
Baggage Claim	Hold Room	Passengers	T3
Baggage Re-Check	Hotel Shuttles	Passenger Drop-off	T4
Baggage Service Office		Passenger Loading Zone	T5
Bottle Filling Station	Information	Passenger Pick-up	T6
	International Arrivals	Pet Relief	T7
Cell Phone Waiting Lot	LAX	Pick-up	T8
Check-in	LAX Airport	Priority for Persons with Disabilities	T9
Clifton A. Moore Administration Building	LAX AirTrain	Private Parking Shuttles	Taxi
Connecting Flights	LAX Economy Parking		Terminal, Terminals
Connecting Passengers	LAX Shuttle	Re-check	Terminal Transfer
Customer Service Representative	LAX-it	Regional Buses	
	Level	Rental Car Center	USO
Departing Flights	Limousines	Rental Car Returns	
Departures	Loading	Rental Car Shuttles	Van
Direct Check-in	Long Distance Vans	Rental Car	VNY
Distance Van	Long Term Free Shuttle	Restricted Area	
Domestic Baggage Claim	Los Angeles Polic Department	Restroom	Walkway
Drop-off	Lot E Economy	Ride App	Women
		Ride App Pick-up	
	Maintenance Service Facility		
	Medical Clinic		
	Men		

LAWA APPROVED ABBREVIATIONS	ITEM	ABBREVIATION
	First	1st
	Second	2nd
	Third	3rd
	Fourth	4th
	Fifth	5th
	Sixth	6th
	Seventh	7th
	Eighth	8th
	Ninth	9th
	Tenth	10th
	Sunday	Sun
	Monday	Mon
	Tuesday	Tues
	Wednesday	Wed
	Thursday	Thurs
	Friday	Fri
	Saturday	Sat
	Morning	am
	Afternoon/Evening	pm
	Maximum	Max
	Minimum	Min
	Avenue	Av
	Boulevard	Bl
	Street	St
	Way	Wy

GLOSSARY OF SIGNAGE TERMS

A

Accessibility: Describes a site, building, facility, or portion of these that complies with the ADA Accessibility Guidelines (ADAAG).

Accessible Route: A continuous unobstructed path connecting all accessible elements and spaces of a building or facility. Interior accessible routes may include corridors, floors, ramps, elevators, lifts, and clear floor space at fixtures. Exterior accessible routes may include parking access aisles, curb ramps, crosswalks at vehicular ways, walks, ramps, and lifts.

Acrylic: A generic term for plastics used in sign making. Specifically a particular type of plastic characterized by its clarity and coloring ability. Acrylic is typically constructed of rigid material that makes it resistant to many chemicals, although it is not resistant to solvents.

ADA: Americans with Disabilities Act – an acronym for the federal legislation requiring equal access to public facilities; includes requirements for environmental graphics.

ADA Signage: Signs and design standards that meet the regulations of the Americans with Disabilities Act, such as Braille, tactile copy, letter size, and contrast.

ADAAG: Americans with Disabilities Act Accessibility Guidelines – an acronym for the design and implementation guidelines for accessible designs codified by the ADA.

Advertising: The action of calling something to the attention of the public to promote a product or service.

Align: To line up typography and graphic elements on the same horizontal or vertical line.

Alucobond: Alucobond is the trade name for the product which is a plastic resin sandwiched between two thin aluminum layers. Primarily used for routed face signs.

Ambient Light: The sum of all non-directional light in an environment emitted by all sources.

Anchor: Any fastening device that attaches one object to another, such as fascia signs to building walls.

Approach: The area along a street or sidewalk from where a sign first becomes visible until the display is no longer readable as the viewer passes by.

Anodized Aluminum: Aluminum that has undergone the process of anodizing, an electrolytic passivation process used to increase the thickness of the natural oxide layer on the surface of metal parts. Anodizing increases corrosion resistance and wear resistance, and provides better adhesion for paint primers and glues than bare metal. In sign making, anodized aluminum is noted for strength and durability.

ANSI: American National Standards Institute – an acronym for the organization that coordinates formation and use of voluntary consensus standards in the United States. Its standards for signage are included in document A117.1, Standard on Accessible and Usable Buildings and Facilities.

ARCC: Airport Response Communication Center – an acronym for the communication hub of the airport.

Architectural Element: Components and treatments that are used in the design of buildings, houses, structures, interiors, and landscapes.

Architectural Scale: One of twelve drawing proportions used to render objects larger than the drawing surface. (Ex: 1/2" = 1'-0")

Area: LAWA subdivides each airport campus into areas. The combination of campus designation and area designation defines the general location of a facility.

Arrow: Symbol that indicates a path of direction.

As-built Drawing: A drawing created and submitted by a fabricator after a signage project is finished which shows any changes made from initial drawings during the fabrication and installation process, and provides an accurate rendering of the sign upon completion. Also called a Record Set.

Ascender: A typographic reference to the part of the letter which rises above the main body of the character, as in portions of the lowercase “b”, “d”, “f”, “h”, “k”, and “l”.

Aspect Ratio: The width-to-height ratio of an image.

B

Back of House: The non public areas of a building, structure or facility.

Backing: A hidden structure added to an existing surface to support the weight of a sign. Also called a backer.

Banner Sign: A sign made of fabric, plastic or other non-rigid material, which has no enclosing framework. May be painted, printed or decorated with vinyl or digitally printed.

Baseline: The imaginary line on which the bottoms of primary letters align.

BIDS: Baggage Information Display System – an acronym for signs that inform passengers of baggage delivery.

Box/Can Sign: A metal, fiberglass, plastic or wood enclosure, with or without a translucent sign panel, often illuminated from within.

Blade Sign: A sign mounted perpendicular to a wall. Also called a projecting sign.

Blind Mount: A sign attachment method that shows no visible hardware or other means of securing the sign.

Braille: An alphabet of raised, tactile dots for use by the visually impaired. Grade 2 Braille is preferred.

Braille Beads (Dots): Tactile Braille for ADA signs is defined by specific ANSI requirements for dimensions and a “domed or rounded shape” for braille dots. It is essential that the dots are uniform in size and in the appropriate position in order for the reader to understand the correct meaning.

Breakaway: The structural component of a sign designed to fail in the event of impact or extreme wind.

Brushed Finish: A non-glossy, textured surface applied to metal for decorative purpose.

Building Code: State and/or local regulations governing public health, welfare and safety of construction and maintenance.

Building Mounted Sign: A sign attached to a building.

C

Cabinet Sign: A sign structure consisting of the frame and face(s), not including the internal components, embellishments or support structure.

CAD: Computer-aided Design and Computer-aided Drafting – an acronym for these software programs; used by architects, engineers, drafters, designers, and others.

CAD Drawing: A precision drawing or technical illustration created with CAD software.

CALM: Coordination and Logistics Management – an acronym for LAWA's efforts to mitigate construction-related impacts to passenger service and tenants.

Canopy Sign: 1) A building-mounted sign functioning as a marquee. 2) A sign mounted on a marquee or canopy.

Campus: Los Angeles International Airport (LAX), Van Nuys Airport (VNY), and Palmdale Regional Airport (PMD) are each referred to as a campus.

Capital Height (Cap Height): The distance from the top of an upper case letter to the baseline of the same letter.

CDs: Construction Documents, Construction Drawings, or Contract Documents – a set of drawings with notes that show design intent for a finished sign.

Changeable Copy Sign: A variable message sign composed of individual letters panel-mounted in or on a track system.

Channel Letter: A fabricated or formed three-dimensional letter that may accommodate a light source.

Clearance: The shortest distance between the lowest portion of a sign or awning and the grade. Also referred to as height above grade.

Cloud: A wavy line placed around an object on a drawing sheet to signify where a change has occurred during a revision. It is always accompanied by a delta.

Coating: The process of applying a protective film to a sign. Coating includes such diverse activities as applying a layer of varnish over gold leaf to laminating clear vinyl over a digitally produced graphic.

Code: Typically refers to a municipality’s sign code. It may be part of the government body’s land-use planning regulations, or it may be a separate document designed to interact with other land use codes. As part of the police powers granted to local governments, a sign code normally seeks to promote the health, safety and welfare of the public. In some areas, codes may also regulate the morals and aesthetics of sign content and design.

Code Sign: A sign mandated by a government or local agency, such as a restroom sign.

Conformed Set: A series of drawings created by the sign contractor which incorporate all the approved changes and alternates made during the fabrication and installation of the sign.

Conforming Sign: A sign that is legally installed in accordance with federal, state, and local laws and ordinances.

Conspicuity: The characteristics of the sign that enable an observer to differentiate the sign from its surrounding environment.

Construction Documents (CDs): The combined set of construction drawings, specifications, and bid instructions. Also called bid documents, contract documents.

Construction Drawings: A set of instructional drawings that detail how something is fabricated.

Construction Sign: Any sign necessary during construction to meet regulatory and safety standards, guide and direct traffic, and provide information.

Contrast: The degree of tonal separation or gradation in the range from black to white; an important element contributing to the conspicuity of a sign.

Copy: The contents of a sign message arranged in a combination of text and graphic symbols.

Custom Message: A message that is not included in the approved nomenclature. Custom messages are subject to all usage and style guidelines.

Cross Bar: A horizontal arm that is attached to a sign. It is used with guy wire to help stabilize building mounted signs.

Cut-outs: Lettering or graphics that are cut from another material, then attached to the sign face to provide depth.

D

DD / DDs: 1) Design Development – the phase of the design process in which the design, materials, and fabrication methods are finalized. 2) Design Drawings – A set of drawings that show the visual intent of the designer without substantial detail and which often include notes. Also called Design Intent Drawings.

Debossing: Impressing an image in relief to achieve a lowered surface.

Decal: Words, graphics or a combination of the two printed on the non-adhesive side of vinyl film, then cut to a specified shape.

Delta: The triangular symbol placed next to a cloud on a drawing sheet which indicates a revision. The number inside the triangle is assigned based on the number of the particular revision line used on the title block.

Demising Line: The line separating the adjoining lease spaces or public common areas.

Descender: A typographic reference to the part of the letter which extends below the main body of the character, as in lowercase “g”, “j”, “p”, “q”, “y” and sometimes the uppercase “J”.

Design Development: The design process phase in which design, materials, and fabrication methods are finalized.

Design Intent Drawings: Drawings that show the visual intent of the designer without substantial detail and which often include notes.

Design Review: A review of the proposed design project before fabrication, usually performed by a local government body.

Die-cut: Refers to a cut made with a steel rule die manufactured for the purpose of cutting out a particular shape. Also refers to the object that has been cut.

Digital Media: Communication materials composed of digital or pixelated images.

Dimension Line: A line on a drawing pointing to another line or part to which the dimensions relate.

Dimensional Copy: Any letter or symbol, either cut out, cast, molded or fabricated to create a three-dimensional condition.

Direct Digital Printing: A process by which a printing machine uses electronic source files and applies the colors and artwork for the designs directly to the substrate. Also called Direct to Substrate and Direct to Surface printing.

Directional Sign: A sign designed to provide navigational direction for pedestrian and vehicular traffic.

Directory Sign: A sign that identifies the names and locations of tenants in a multi-tenant building or in a development made up of a group of buildings.

Double-Faced Sign: A sign with two parallel opposing (back-to-back) faces with copy on both faces. Also called double-sided.

DOT: Department of Transportation – its local, state, or federal entity.

DOT Symbols: Travel-related pictographs issued by the z Department of Transportation.

Dynamic Sign: A sign with changeable display capabilities; an electronic message display or reader board.

E _____

Elevation Drawing: A drawing of the front or side view of a structure’s surface; the direct perpendicular view.

Exterior Illuminated Sign: A sign that is illuminated by a light source separate from the sign itself that is directed towards, and shines on the face of a sign. Also called direct illumination.

Embossing: Impressing an image in relief to achieve a raised surface.

Engraving: A method of marking metal, plastic or glass in shallow, negative relief utilizing a bit or engraver tool.

F _____

Face: The surface area on a sign where copy is displayed.

Facilities Impact: A term referring to the impact the addition of sign elements has on an environment, usually concerning weight and electrical demands.

Fascia: A horizontal frieze or band under a roof edge which forms the outer surface of a cornice.

Fascia Sign: A highly visible type of exterior signage, usually appearing on the front of a building just under the roof edge; a sign attached to the fascia.

Fasteners: Mechanical items that help hold a sign together, including nuts and bolts. Different types of fasteners are required depending on materials and mounting conditions.

FIDS: Flight Information Display System – an acronym for a computer system used in airports to display variable flight information to passengers regarding departure and arrival times, destinations, delays and cancellations, and special notices.

Field Set: A set of construction drawings used at the job site, usually containing notes pertaining to the project.

Finish: The surface quality, such as flat, matte, satin, gloss, low sheen, reflective, rough, smooth.

First Surface: The layer that comprises the outermost surface of a sign.

Flat Cutout Letter: A dimensional letter cut from sheet or plate stock.

Flat Screen: A thin, often lightweight video display used as an alternative to the cathode-ray tube. These displays often use liquid crystals (LCD) or electroluminescent materials such as light-emitting diodes (LED). Also called Flat Panel Display.

Flush Left: A typographic term referring to the successive lines of type set in a vertical alignment on the left margin.

Flush Mount: Mounting signage flat against a surface.

Flush Right: A typographic term referring to the successive lines of type set in a vertical alignment on the right margin.

FMUG: Facilities Maintenance and Utilities Group – an acronym for the operations group which provides maintenance services, facilities management coordination and response, asset management, facilities and technical services, and central utility plant services for LAWA facilities.

Font: A complete set of letters, numbers, punctuation marks, and characters of a given size of one typeface.

Footing: The subsurface structure that supports a sign or other freestanding object; usually referring to the portion buried in the ground that holds the object in place.

Format: The planned arrangement of graphic elements and their bounding space which determine the appearance of a communication piece.

Formed Sign: Refers to a plastic face or letter that has been heated and shaped to give it dimension or shape.

Freestanding: Referring to an object mounted to the ground, not attached to any other structure.

Front Lighted (Front-lit): An illuminated sign or letter which exhibits light through its face.

G _____

Grade: The contour of the ground surface, whether in natural state or after development. The placement of signs is often measured as height above grade.

Grade 2 Braille: The type of braille used for tactile signs per ADA Accessibility Guidelines.

Graphics Schedule: A list of signs, by category, presenting the wording of each sign and often including other distinctive information. Also called a copy list or message schedule.

GIDS: Gate Information Display System – an acronym for an electronic information sign system at boarding gates.

GIS: Geographic Information System – an acronym for the integrated multilayer computer mapping of a building or other environment.

Glyph: A symbol that conveys information nonverbally; an element of typography such as a letter, punctuation mark or ornament.

Ground Sign: A freestanding sign with no visible support structure.

H

Halo-Lit (Back-lit): An illuminated sign or letter from which light from inside is directed against the surface behind the letter producing a halo lighting effect.

Hanging Sign: A double face sign which hangs from a bracket or support and projects from a wall, building or pole. Also a suspended or projecting sign.

Hardscape: Materials such as paving, curbs, railings, and other “hard” outdoor surfaces or elements.

Header: The portion of a building which spans an opening; an architectural element running above the demising line.

High-pressure Laminate: A durable material composed of a plastic-like substance laminated to a substrate material typically used in signage.

Hinged Side: The face of a sign that swings open for service.

I

Icon: A symbolic graphic representation, simplified picture, or image of an object or activity. Also, a large distinctive object in an environment.

Internally Illuminated Sign: A sign that is illuminated by a light source that is contained inside the sign structure, typically fiber optics or LED’s.

Injection Molding: A method of forming plastic to the desired shape by forcing heat-softened plastic into a relatively cool cavity where it rapidly solidifies.

Installation Pattern: A template used to determine the exact placement of holes that will be made in the surface where a sign or letters will be applied.

Interpretative Sign: A sign that explains or interprets information, as in an exhibit.

ISA: International Symbol of Accessibility – an acronym for the “wheel chair” pictograph used to indicate accessible routes, facilities, parking, etc.

IT: Information Technology – an acronym for the LAWA department that manages the computers, networks, and anything related to computing technology, such as networking, hardware, software, and the Internet.

J

Justify: A typographic term referring to type set so that it aligns with flush left and flush right margins or to a prescribed length.

K

Kerning: A typographic term referring to the subtraction of space between letters within a word. The opposite of letter spacing.

Keyline: Lines that are drawn on artwork that indicate the exact placement, shape and size of elements.

Kiosk: An information structure such as a directory, map, dynamic display, or message-posting device.

L

Layout: The planned visual arrangement of specific graphic elements on a predetermined format; a drawing or sketch of a proposed design.

LADBS: Los Angeles Department of Building and Safety – an acronym for the agency that provides permitting, plan check, inspection, and code enforcement services for buildings in the City of Los Angeles.

LAWA: Los Angeles World Airways – an acronym for the governing body for Los Angeles International and Van Nuys Airports.

LAX: Los Angeles International airport – an acronym for the primary international airport serving Los Angeles.

LCD: Liquid-crystal Display – an acronym for a type of electronic display screen in which a liquid-crystal film, sealed between glass plates, changes its optical properties when voltage is applied.

Leading: A typographic term referring to the amount of vertical space, traditionally measured in points, between lines of type.

LED: Light-emitting Diode – an acronym for a display technology in which small light sources organized into a grid of semiconductor diodes emit light when conducting electrical current and is applied.

Legibility: The characteristics of letters, numbers, graphics, or symbols that make it possible to differentiate one from the other. See Conspicuity.

Letterspacing: A typographic term referring to the addition of space between letters within a word. The opposite of kerning.

Level: The vertical position of a floor within a building. Roofs have a specific designator (ROF) for the highest level of the building.

Lexan: Lexan is a registered trademark for Sabic Innovative Plastics’ brand of highly durable polycarbonate resin thermoplastic. Intended to replace glass where the need for strength justifies its higher cost. It is a polycarbonate polymer often used in sign making.

Line Spacing: A generic typographic term referring to the space between lines or leading of blocks of text.

Logo: Symbol, single letter or icon representing a business, service, or product.

Logotype: Lettering or name representing a business, service, or product.

Lower Case: A typographic specification referring to the small letters of the alphabet.

M

Magnetic Vinyl/Sheeting: A magnetized strip laminated to a flexible plastic sheet commonly used for temporary vehicle signs.

Margin: The blank space around graphic elements.

Marquee: A permanent canopy often of metal and glass projecting over an entrance.

Marquee Sign: 1) A sign mounted on a permanent canopy. 2) A traditional industry term for the variable message section of a canopy sign. 3) An integral sign and permanent canopy.

Matrix: The number and amount of lighting units in a changeable message sign.

Message Area: The area within the sign panel describing the limits of the message. Also called copy area.

Message Schedule: A list of signs, by category, presenting the text of each sign and often including other distinctive information. Also called a graphics schedule or copy list.

Monument Sign: A formal ground-mounted identification sign with low overall height; typically the primary site sign.

MUTCD: Manual of Traffic Control Devices – an acronym for the federal or state guidelines for highway signage.

N

Negative Space: Empty or unused space having no lettering or graphics within the sign face. Also called white space.

Non-Conforming Sign: A sign which has been previously permitted by the Los Angeles World Airports, but which does not conform to present signage standards.

Non-Permitted Sign: Any sign which has been installed by a tenant for which no permit has been obtained.

O

Oil Canning:
Refers to the occurrence of slight buckling or waviness in a metal surface due to insufficient thickness of the material or inadequate support behind it.

Opaque: Not clear or translucent. Not allowing light to show through.

Open Channel Letter: A dimensional letter that has no face and a visible light source if illuminated.

P

Painted Wall Sign: A sign painted directly onto the surface of the wall face.

Pan Channel Letter: A dimensional letter that is constructed with side walls, back and a face making the letter a solid integral unit with the side walls and back having a pan-shaped cross section.

Pan Face Sign: A plastic sign face molded into a three dimensional shape. Also called molded face, molded and embossed face, molded and debossed face.

Panel Sign: A sign made of a single flat material.

Pantone Matching System (PMS®): A proprietary numbering system for colors used in graphics arts.

Parapet Sign: A sign mounted on a building parapet.

Permanent Sign: A sign attached to a building, structure, or the ground in a manner that enables the sign to resist environmental loads, such as wind, and precludes ready removal or movement of the sign.

PERT: Program Evaluation Review Technique – an acronym for a three point estimation approach used in project planning and management.

Permit: A license granted by the appropriate authorities to allow a sign to be erected.

Phenolic Resin (phenol-formaldehyde): A filler-reinforced polymer with superior weatherability and UV-resistance. Often used to make ADA compliant tactile signs.

Photopolymer: A polymer or plastic that undergoes a change in physical or chemical properties when exposed to light which can be photographically etched to reveal touchable “high spots” for Braille and tactile copy.

Pictograms: A symbolic graphic representation, simplified picture, or image of an object or activity. Used to support sign text messages. Also called symbols and icons.

Pegged Out / Pinned Out: A term describing letters mounted using pegs or pins to stand off from the surface to which they are attached.

Plan View: A drawing of an object as viewed from the top. Also called top view.

Plaque Sign: A sign, usually of metal or stone, that memorializes a person or event. Also a small flat sign.

Plot Plan: A drawing showing the layout looking down on the site. It commonly shows buildings, roads, landscape features, and property lines. Also called a site plan.

Pole Sign: A sign mounted on a pole, post, or other fabricated freestanding upright without any type of secondary support.

Polycarbonate: A type of hard thermoplastic used for sign faces. Polycarbonate is noted for its heat resistance and impact strength.

Post and Panel Sign: A sign fabricated by using one or more visible posts to support the sign body.

POV: Point of view – an acronym referring to the angle of view in an architectural rendering or photograph.

Powder Coating: A specific process for applying paint to a surface that creates a very durable protective surface.

Projecting Sign: A sign mounted with the faces of the sign perpendicular or at an angle to the vertical facade. Also called a Blade Sign.

Punch List: A list of items for correction or completion prepared at the end of a project which require attention for completion.

Punch Walk: A review of a project or phase conducted to determine status; a review of signs and installations.

Push-through: Copy that is cut out of the substrate, mounted on the inside of the sign face so that the copy’s thickness extends through and beyond the front plane of the sign face.

Pylon Sign: Any upright freestanding sign that is typically supported by structural elements which are architecturally similar to the design of the sign.

R

Raceway: An electrical enclosure that may also serve as a mounting structure for the sign.

Readability: The quality that enables the observer to correctly perceive the message. In transportation engineering, this word is being replaced by conspicuity.

Record Set: A set of the completed construction drawings revised after installation to reflect changes during fabrication and installation. Also called as-built drawings.

Reflected Ceiling Plan: A drawing of a ceiling as if viewed reflecting off the floor, or transparently as if viewed through the roof.

Reflective Sign: Any sign with a reflective surface that will bounce light back toward its source. Typical fabrication is a vinyl film with very small glass or glass-like materials encapsulated below its surface, such as 3M Diamond Grade™.

Regulatory Sign: A sign having the primary purpose of conveying information concerning rules, regulations, ordinances or laws.

Retainer: A framing rim mounted around the perimeter of a sign face which holds the face in place to the sign cabinet structure; may provide a decorating trim piece.

Retro-reflective: The ability of a material to reflect light back toward its source, such as materials used to reflect car headlights for night viewing.

Return: The receding edge of a flat face, such as the sides of a sign.

Reveal: An indented detail on a sign or sign structure.

Reverse Channel Letter: A fabricated dimensional letter with opaque face and side walls.

Routing: A tooling technique for eliminating material in a substrate or cutting of shapes and letters.

Sans Serif: A typeface in which characters have no serifs.

Scale: The relative size of one thing to another. See Architectural Scale.

Schematic Design: The design phase that results in scaled drawings which show the basic appearance of a structure or sign. Typically includes visual details but minimal information about structure or materials.

Score: Impressions or cuts in flat material to facilitate bending or breaking.

Second Surface: The back side of a transparent material. Graphics printed on the back side of a transparent surface and read through the front surface. Also called subsurface.

Sector: Major segments of terminal buildings defined by common circulation or use criteria.

Serif: A short line at the end of the main strokes of a typographic character.

Setback: The distance measured from the edge of a structure to sign location.

Screen Printing / Silk-screening: A printing method in which images are reproduced through a stenciled screen. Also called serigraphy.

Shop Drawing: A detailed drawing presented by the fabricator to describe the quantity, shape, size, materials and other details of a sign's construction. A drawing describing the intended methods of construction and sequence of assembly to be reviewed by designer and owner for approval prior to construction and fabrication.

Sign: Any visual display with words or symbols designed to convey information, guide, direct or attract attention.

Signage: All displayed verbal, symbolic, tactile, and pictorial information in an organized system of signs.

Sign Area: The total space occupied by a sign containing its shape, all copy, and framing devices.

Sign Cabinet: The enclosure of a sign, not including the components and mounting structure. Sometimes called a sign can.

Sign Code: The official limitations to signage as presented in a municipal code. Typically includes regulations on sign size, quantity, location, and lighting.

Sign Engineering: Structural or electrical engineering necessary for sign structures, foundations, electrical power, etc.

Sign Location Plan: A plan view drawing indicating the positions of signs by their type, number or other device. It commonly shows the signs in relationship to buildings, roads and property lines.

Sign Pattern: A full-size layout of the design, letters and messages of a sign used prior to fabrication for installation preparation.

Site Plan: A drawing showing the layout looking down on the site. It commonly shows buildings, roads, landscape features, and property lines. Also called a plot plan.

Static Sign: A sign that is fabricated with an unchanging message; typical not displayed electronically.

Stud Mounted: Signs or letters that have threaded rods protruding from the back for attaching to a structure.

Sightline: A line of sight, especially one between a viewer and the object.

Single-face Sign: A sign with only one face plane.

Sintra: Sintra® is the brand name for Alusuisse Composites' rigid PVC (poly vinyl chloride) foam board, a moderately expanded, closed-cell PVC sheet, sometimes used for interior sign applications.

Site Plan: A drawing showing the configuration of a piece of property, including the placement and shapes of structures, roadways, pathways, and landscape elements.

Spacer: Any device used in mounting letters or signs that separates them from the surface to which they are being installed. Also called a standoff.

Specifications: A document that defines the general requirements, products, and fabrication requirements.

Stanchion: An upright bar, beam, post, or support base for a freestanding sign.

Stainless Steel: A metal alloy composed of steel and chromium that does not rust and sometimes contains other elements that are resistant to corrosion. In sign making, stainless steel signs possess excellent chemical and heat resistance and are well suited for demanding, corrosive environments. Stainless Steel signs are strong, durable, dent- and scratch-resistant.

Standoff: A device or material used to extend signs or letters from the mounting surface. Also called a spacer.

Star of Life: The blue, six-pointed star, internationally known as a symbol that represents Emergency Medical Services (EMS). The symbol indicates exit level, showing preferred route for emergency access, required by ADA next to floor indication on elevator control panels and elevator jambs.

Storefront: The front boundary plane (demising line) of each tenant’s space, separating the tenant from the public access way, and limited by the floor and respective finished face or header above and between the vertical demising lines on either side.

Submittal: An official document provided as part of the design or approval process, such as a detail drawing.

Sub-Room: Typically rooms that can only be accessed from another room. Exceptions to this are subordinate rooms that have a door opening into a sterile corridor or to connecting tunnels.

Subsurface Copy: Graphics printed on the back side of a transparent surface and read through the front surface. Also called second surface.

Substrate: The material of which the sign face is made.

Symbols: A symbolic graphic representation, simplified picture, or image of an object or activity. Used to support sign text messages. Also called pictograms and icons.

T

Tactile Message: Also called Raised Character Messages; words displayed in upper case letters a minimum of 5/8” in height and not larger than 2" raised 1/32" above the sign surface that can be read by touch. Tactile messages must comply with ADA Accessibility Guidelines.

Temporary Sign: Any sign not intended for permanent installation, such as banners and barrier signs at construction sites.

Text: The message in words that appears on a sign.

Thermoforming: A process in which a flat sheet of material is given dimension by heating and then forcing it into a mold either mechanically or pneumatically. Sometimes called pan-forming or vacuum-forming.

Title Block: The area of a drawing, usually located on the right or bottom edge, which contains all the necessary information to identify the drawing and to verify its validity.

Title 24: Title 24 of the California Code of Regulations – known as the California Building Standards Code or just “Title 24,” contains the regulations that govern the construction of buildings and signage in California.

Touch Screen: An electronic display technology activated by touch, such as an information display.

Translucent: The property of a material to allow the passage of some light through it without being transparent.

Transparent: The property of material to allow rays of light to pass through its substance so that bodies situated beyond or behind can be distinctly seen; clear.

Typeface: A complete set of typographic letters, numbers, punctuation marks, and characters in a particular style.

Typography: The use of type including its selection, specification, and relationship to a given format.

U

UV Resistance: Ability to oppose deterioration due to the damaging effect of the sun's ultraviolet rays.

UL: Underwriters Laboratories, Inc., a nationally recognized testing laboratory that provides safety certification.

V

Variable Message Sign: A sign that includes provisions for message changes. Also called changeable copy panel, changeable copy sign, time and temperature sign, electronic message center, menu board.

Variance: Special administrative procedure by which one may obtain an exception to zoning rules such as height, setback and type of use.

Visual Characters: Text characters meant to be read by sight.

VHB: Very High Bond – an acronym for adhesives indicating a permanent bond is required.

Vinyl Application: The installation of vinyl on a surface. Two main methods are used: wet and dry. Wet application involves the use of a soapy solution or special fluid on a surface, allowing the vinyl and its transfer-tape carrier to be positioned before final placement. Dry application places the vinyl and transfer tape immediately at its final position.

Vinyl Letters/Copy: Characters cut from adhesive-backed vinyl. Also called die-cut letters, machine cut letters, or VDC (vinyl die-cut).

Visibility: The quality of a letter, number, graphic, or symbol, which enables the observer to distinguish it from its surroundings or background.

VNY: Van Nuys Airport – an acronym for the public airport in Van Nuys operated by Los Angeles World Airports.

VOC: Volatile Organic Compound. VOC coatings are required to reduce environmental impact and to comply with regulatory codes.

W

Wall Sign: A sign mounted to a wall or fascia material; a sign painted on a wall.

Wayfinding: The experience by which people orient themselves in physical space and navigate from place to place by the use of signs and other aids.

Wayfinding Sign: A type of sign that aids users to find their way by providing information and/or direction along the route of travel.

Wind Load: The pressure applied to a surface by wind. Typically expressed in pounds per square foot.

Window Sign: A sign that is integrated into the structure of a window or displayed in a window.

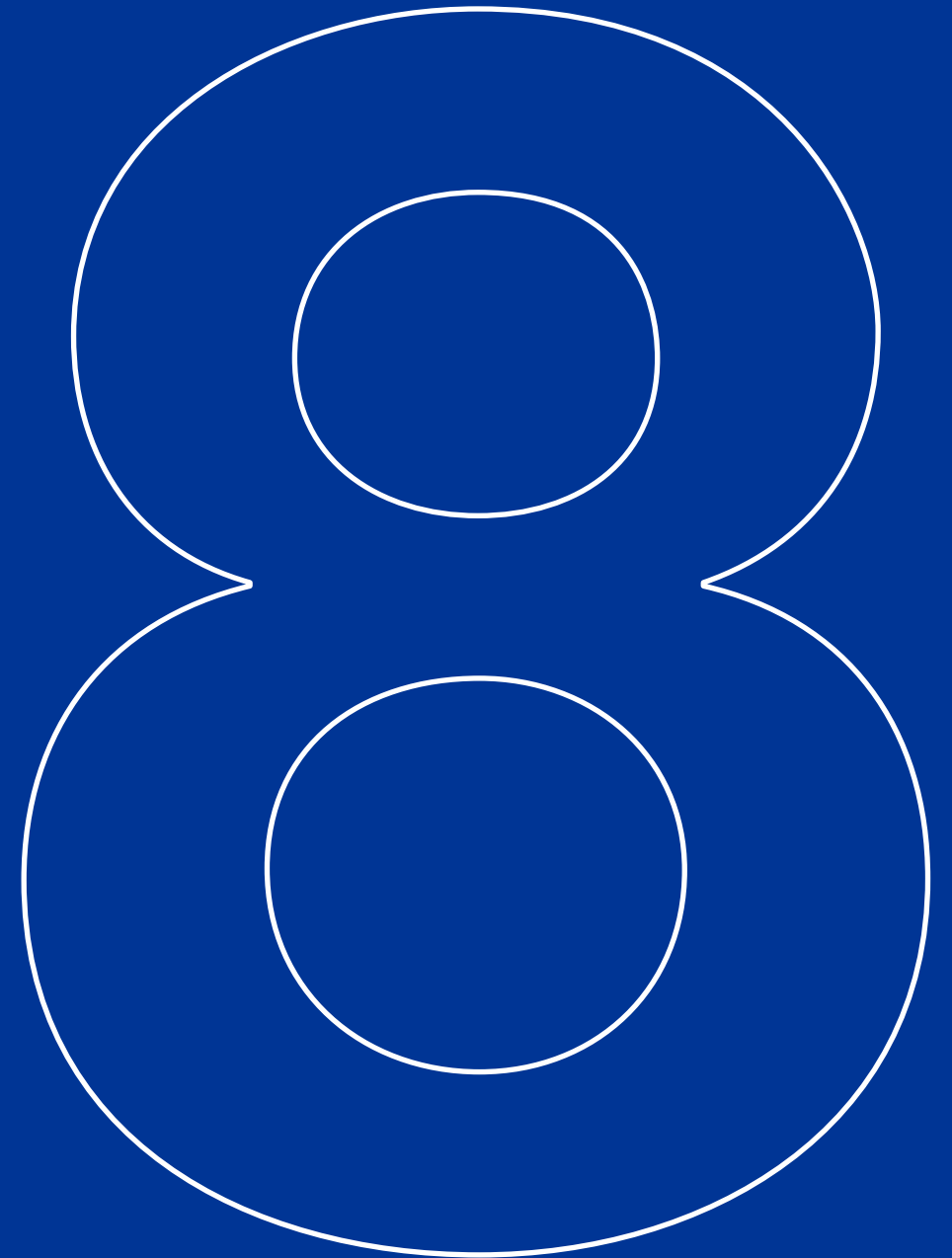
Working Drawings: A set of instructional drawings that show design intent used to create fabrication or shop drawings. Also called construction drawings.

Z

Z Clip: A hardware product consisting of two connecting parts used to attach signs to vertical surfaces.

REFERENCE INFORMATION

Using reference information, diagrams, and general performance specifications for LAWA signs ensures conformity within the LAWA sign system.



MESSAGE HIERARCHY STRATEGY & TERMINOLOGY

DEPARTURE MESSAGE HIERARCHY			ARRIVAL MESSAGE HIERARCHY			CONNECTING MESSAGE HIERARCHY			LANDSIDE MESSAGE HIERARCHY		
Category 1	Category 2	Category 3	Category 1	Category 2	Category 3	Category 1	Category 2	Category 3	Category 1	Category 2	Category 3
All Gates	AirTrain Drop-off	Escalator	Arrivals	FlyAway Buses	Cell Phone Lot	All Terminals	Escalator	Station A	Bag Claim	Escalator	Station A
Bag Drop	Economy Parking	Elevator	Bag Claim	Ground Transport	Escalator	Bag Claim	Elevator	Station B	Bag Drop	Elevator	Station B
Check-in	Information	Exit	Domestic Bag Claim	Ground Transport Center	Elevator	Bag Drop	Elevators	Station C	Check-in	Exit	Station C
Gates	P1	Fire Extinguisher	Re-check	Hotel Shuttle	Exit	Check-in	Exit	Station D	Connecting Passenger	Hydration Station	Station D
LAX	P2a	First Aid	Station A	Information	Fire Extinguisher	Connecting Passenger	Hydration Station	Station E	Gates	Information	Station E
Security Check-point	P2b	Hydration Station	Station B	LAX City Bus Center	First Aid	Gates	Information	Station F	LAX	Men	Station F
Station A	P3	Men	Station C	LAX-it	Hydration Station	LAX	Men	Station G	Re-check	Pet Relief	Station G
Station B	P4	Pet Relief	Station D	LAX Shuttle	Medical Clinic	Re-check	Pet Relief		Security Checkpoint	Restroom	
Station C	P5	Restroom	Station E	Loading	Men	Security Checkpoint	Restroom		Terminal	USO	
Station D	P6	USO	Station F	Limousines	Nursing	Terminal	Walkway		Terminals	Walkway	
Station E	P7	Walkway	Station G	Long Distance Vans	Pet Relief	Terminals	Women		Terminal Transfer	Women	
Station F	Parking	Women	Terminal Transfer	Metro	Restroom	Terminal Transfer					
Station G	Parking Lot E		T1	Metro Bus	USO	T1			T1		
Terminal	Parking Lot F		T2	Metro Green Line	Walkway	T2			T2		
Terminals	Rental Car Center		T3	Metro Rail	Women	T3			T3		
Terminal Transfer	Rental Car Return		T4	Metro Station		T4			T4		
T1			T5	Parking Shuttles		T5			T5		
T2			T6	Parking Lot Shuttle Zone		T6			T6		
T3			T7	Passenger Pick-up		T7			T7		
T4			T8	Private Parking Shuttles		T8			T8		
T5				Public Transit							
T6				Rental Cars							
T7				Rental Car Center							
T8				Rental Car Shuttles							
				Ride App							
				Ride App Pick-up							
				Scheduled Bus							
				Scheduled Service							
				Shared Rides							
				Shared Ride Van							
				Taxis							

Fig. 8.1: Message hierarchy determines information priority from destination point (most important) to amenity service (least important)

SIGN TYPE CODE REFERENCE

Sign Type Code Convention

Function

Mounting

Style

A Identity

G Ground

L Illuminated

B Direction

P Projecting

D Dynamic

C Information

S Suspended

D Regulation

V Vertical Surface

E Miscellaneous

B100SL-001

Function

Sign Status

Mounting

Style

Sign Number

Fig. 8.2: The LAWA sign type code provides key information about each sign

MESSAGE SCHEDULE EXAMPLE

EXAMPLE SIGN MESSAGE SCHEDULE						
Sign Type Code	Sign Number	Room Number	Message	Design Details	Pictogram	Ref. Sign Location Plan
A101-V	001	2-1-TAR01.a	012	See Drawing Sheet 3.02		See SLP 1.01
A103-V	001	2-1-TAR01.a	0123 Address	See Drawing Sheet 3.04		See SLP 1.01
A500-S	001	2-1-TAR01.a	(Bag Picto) Bag Drop	See Drawing Sheet 3.22		See SLP 1.01
A508-V	001	2-1-TAR01.a	Terminal Ø LEVEL 1 4 Message Copy 3 Message Copy 2 Message Copy 1 Message Copy	See Drawing Sheet 3.30		See SLP 1.01
B100-G	001	2-1-TAR01.a	(picto) Message Copy (picto) Message Copy	See Drawing Sheet 3.41		See SLP 1.01
B101-G	001	2-1-TAR01.a	(picto) Message Copy ▷ Right Arrow (picto)	See Drawing Sheet 3.42		See SLP 1.01
B500-G	001	2-1-TAR01.a	△ Up Arrow (picto) Message Copy ▷ Right Arrow (picto) Message Copy ◁ Left Arrow (picto) Message Copy	See Drawing Sheet 3.65		See SLP 1.01
B501-GL	001	2-1-TAR01.a	Terminal Ø △ Up Arrow (picto) Message Copy (picto) Message Copy (picto) Message Copy	See Drawing Sheet 3.66		See SLP 1.01
C100-GD	001	2-1-TAR01.a	X (picto) AirTrain Station Connect to: (picto) Message Copy (picto) Message Copy (picto) Information	See Drawing Sheet 3.89		See SLP 1.01
C101-GD	001	2-1-TAR01.a	X (picto) AirTrain Station Visual Paging Area (map)	See Drawing Sheet 3.90		See SLP 1.02
C500-GD	001	2-1-TAR01.a	3 Air New Zealand Cathay Pacific China Airlines Japan Airlines Royal Dutch Airlines Korean Air Lufthansa Qantas	See Drawing Sheet 3.97		See SLP 1.02
C502-GD	001	2-1-TAR01.a	(picto) Information (map)	See Drawing Sheet 3.99		See SLP 1.02
D100-S	001	2-1-TAR01.a	0'-0" CLEARANCE	See Drawing Sheet 3.104		See SLP 1.02
D101-V	001	2-1-TAR01.a	ATTENTION! RESTRICTED AREA ALL UNAUTHORIZED VEHICLES AND PERSONNEL ARE PROHIBITED BEYOND THIS POINT DRIVER AND PASSENGERS MUST SWIPE THEIR OWN I.D. AND ENTER THEIR OWN PIN NUMBER BEFORE ENTERING THE A.O.A.	See Drawing Sheet 3.105		See SLP 1.02
D501-V	001	2-1-TAR01.a	1234 MECHANICAL ROOM (Braille)	See Drawing Sheet 3.115		See SLP 1.02
D502-V	001	2-1-TAR01.a	EXIT ROUTE (Braille)	See Drawing Sheet 3.116		See SLP 1.02
E100-G	001	2-1-TAR01.a	STATION RULES Message Copy (8 pictos)	See Drawing Sheet 3.138		See SLP 1.02

Fig. 8.3: A sign message schedule provides necessary information and message text for sign fabrication and installation

SCHEDULE OF SIGN TYPES & QUANTITIES EXAMPLE

EXAMPLE SIGN SCHEDULE								
Sign Type Code	Description	Sign Quantity	Prototype Sample Requirement	Power Requirement	Emergency Power Requirement	Data Requirement	Attachment / Mounting	Notes
A103-V	BUILDING ADDRESS IDENTITY – LARGE	2	1 number				Wall	
A106-V	TERMINAL ENTRY IDENTITY LETTERS	3	1				Wall	
A504-P	GENERAL SERVICES IDENTITY BLADE	6	1				Wall	
A523-V	GENERAL SERVICES IDENTITY PLAQUE	4	1				Wall	
B508-V	DIRECTION WALL PANEL	2	1				Wall	
B111-G	AIRTRAIN DIRECTION PYLON	2	1 sign (review in shop)				Ground	verify locations in field
B122-V	AIRTRAIN OVERHEAD DIRECTION PAN	4	1 10" x 10" sample				Ceiling	
B502-P	OVERHEAD DIRECTION BLADE	2	1 10" x 10" sample				Wall	
B508-V	DIRECTION WALL PANEL	1	1				Wall	
B511-V	OVERHEAD DIRECTION WALL PANEL	3	1				Wall	
B512-V	OVERHEAD DIRECTION WALL PAN	1	1 10" x 10" sample				Ceiling	
B116-SD	AIRTRAIN OVERHEAD DIRECTION DYNAMIC	2	1 sign (review in shop)	Yes	Yes	Yes	Ceiling	verify locations and power source in field
B531-S	OVERHEAD DIRECTION WALL PAN 24	2	1 sign (review in shop)				Ceiling	
C102-GD	AIRTRAIN PLATFORM PYLON – SMALL	2	1 sign (review in shop)	Yes	Yes	Yes	Ground	verify locations in field
C105-GD	DIGITAL INFORMATION DISPLAY	3	1	Yes	Yes	Yes	Ground	verify locations and power source in field
C504-GD	ESCALATOR DIRECTORY PYLON	8	1				Wall	
C506-VD	CURBSIDE OVERHEAD DYNAMIC INFO	1	1	Yes	Yes	Yes	Wall	verify locations and power source in field
D500-V	GIS DOOR TAG	15	1				Wall	
D105-V	EVACUATION PLAN	17	2				Wall	
D501-V	ROOM IDENTITY PLAQUE	15	2				Wall	
D502-V	EXIT ROUTE PLAQUE	13	1				Wall	
D506-V	CBC STAIRWELL IDENTITY PANEL LARGE	13	1				Wall	
D508-V	ADA STAIRWELL LEVEL IDENTITY PLAQUE	13	1				Wall	
D523-P	AED FLAG IDENTITY	6	6				Wall	
E101=G	AIRTRAIN CONDUCT PYLON	10	1				Ground	
E500-V	WALL POSTER FRAME	4	1				Wall	

Fig. 8.4: A sign schedule lists sign types and quantities along with other vital information and is useful for cost estimating

EXAMPLE ROUTE MAP/SIGN LOCATION PLAN
& MESSAGE DIAGRAM

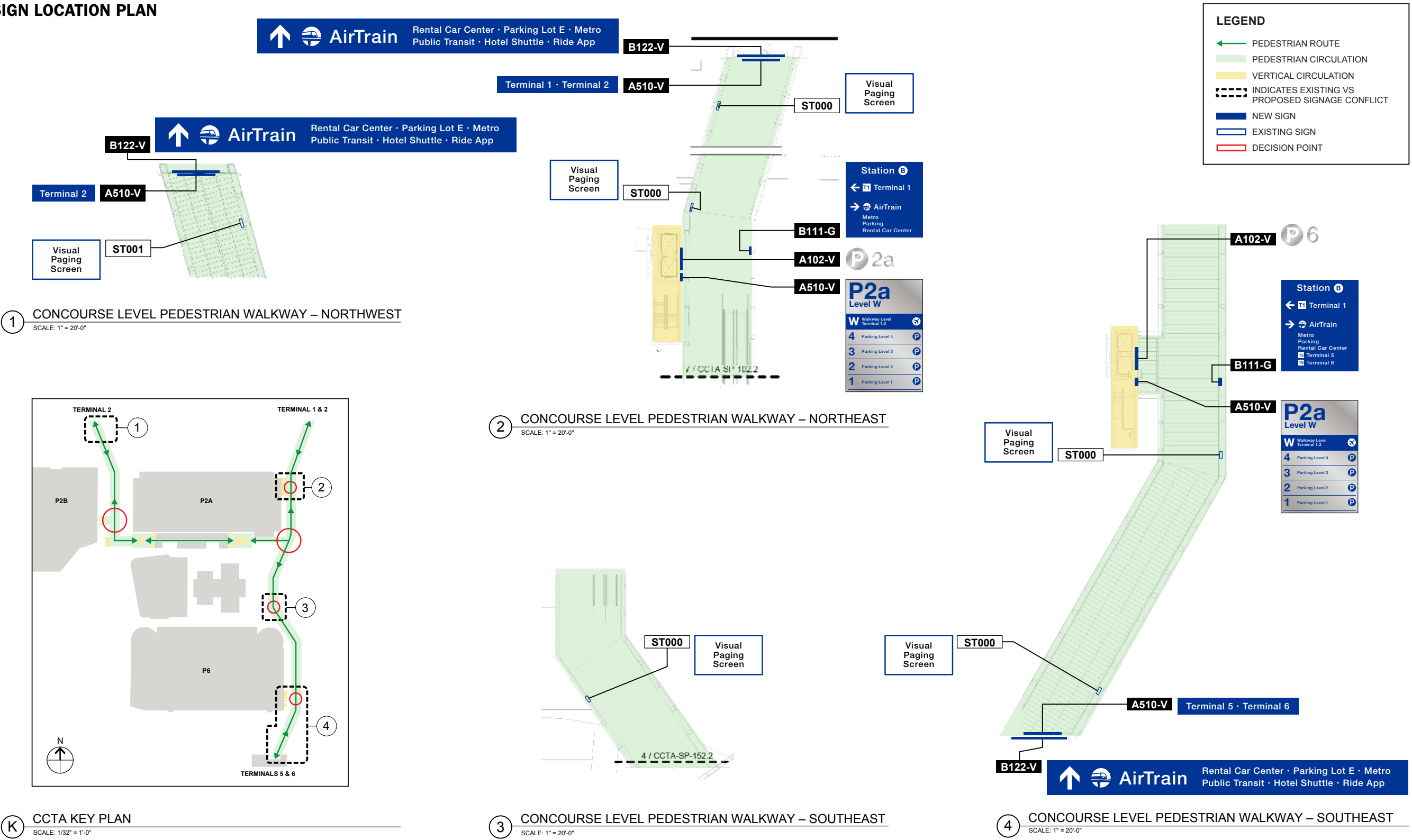


Fig. 8.5: A properly prepared combination Route Map and Sign Location Plan & Message Diagram shows the path of travel and places sign messages in the context of location.

EXAMPLE SIGN LOCATION PLAN
& MESSAGE DIAGRAM

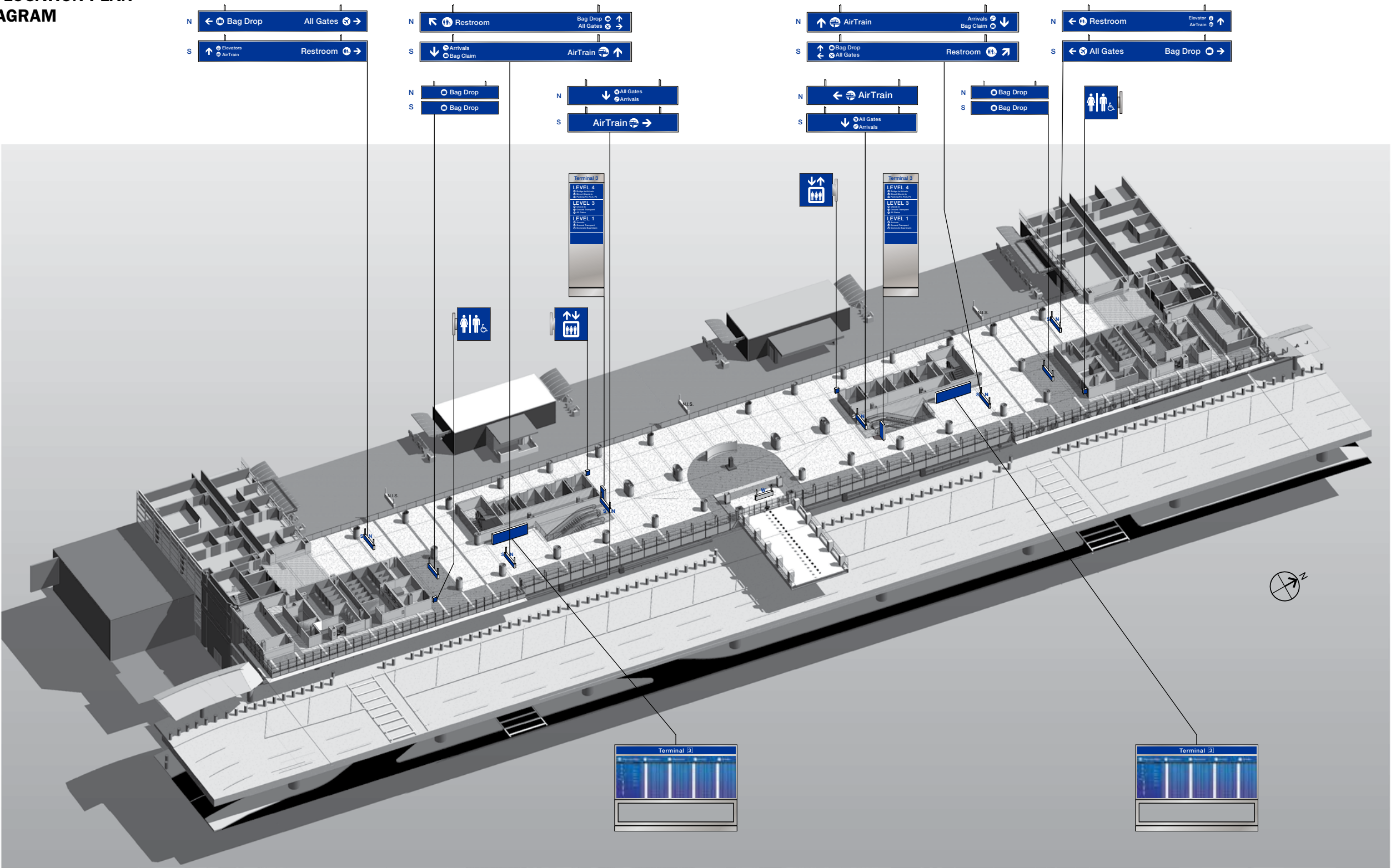


Fig. 8.6: A rendered 3D Sign Location Plan & Message Diagram helps to visualize signs and messages in the enviroment.

GOVERNING CODES & REGULATIONS

Governing Codes & Regulations

Regulatory signage at LAWA facilities are subject to governing state, county, and municipal codes. It is the duty of the sign designer and sign fabricator to comply with all current codes and regulations.

Applicable governing codes may include:

AAAE	American Association of Airport Executives
ACC	Airport Consultants Council
ADA	Americans with Disabilities Act
ADAAG	ADA Accessibility Guidelines
AIGA	American Institute of Graphic Arts
ANSI	American National Standards Institute
ASTM	American Society for Testing and Materials
ATA	Air Transport Association of America
CAA	Civil Aeronautics Administration
CAB	Civil Aeronautics Board
CBSC	California Building Standards Code
CFC	California Fire Code
CVC	California Vehicle Code
FAA	Federal Aviation Administration
IATA	International Air Transport Association
IBC	International Building Code
LABC	Los Angeles Building Code
LAFC	Los Angeles Fire Code
LAMC	Los Angeles Municipal Code
LAIASD	Los Angeles International Airport Sign District, Ordinance 183737
LSC	Life Safety Code (NFPA)
MUTCD	Manual of Uniform Traffic Control Devices
NEC	National Electrical Code
SBCCI	Standard Building Code Congress International
TSA	Transportation Security Administration Guidelines
UBC	Uniform Building Code

GENERAL PERFORMANCE SPECIFICATIONS

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Contract Drawings and general provisions of the Contract, including Special Conditions, apply to this section.

1.02 SUMMARY OF WORK INCLUDED

- A. Scope of Responsibilities:
The Signage Contractor shall be responsible for securing all sign permits, including payment of fees, required by City of Los Angeles and all other agencies, for the installation of all exterior and interior signage for the Project.
- B. Sign Fabrication:
The Signage Contractor shall be responsible for all types of signs, messages, and graphics as indicated on the Contract Drawings and herein, and required various materials, finishes, Illumination, and fabrication and installation techniques.
- C. Drawings and Samples:
The Signage Contractor shall be responsible for accurate shop drawings, layouts, samples, and mock-ups for LAWA approval.
- D. Installation:
The Signage Contractor shall be responsible for installation of all fabricated signs, including all fasteners, fastenings, and related electrical and data connections.
- E. Structural Design:
The Signage Contractor shall be responsible for structural design and calculations for all ceiling suspended, multi-level floor, and ground mounted signage to confirm structural integrity of the designed support connection. All structural

connections will require certification by an Engineer licensed in the State of California.

- F. Trades Coordination:
The Signage Contractor shall be responsible for coordination with all trades of this Contract required for the fabrication and installation of the signage, including the approvals by LAWA required in this section. Fabrication and installation of the Work in accordance with National Electrical Code (NEC); latest edition, Underwriters Laboratory (UL); latest edition, National Fire Protection Agency (NFPA); latest edition and National Electrical Manufacturers Association Standards (NEMA).
- G. Message Verification:
The Signage Contractor shall be responsible for coordination and verification of all messages with LAWA. LAWA to provide complete set of sign location plans with sample numbering system and electronic message schedule template for the Signage Contractor to complete sign message schedule for submission and approval by LAWA.
- H. Site Verification:
The Signage Contractor shall be responsible for verification of all conditions and sign dimensions in the field, including the location of cameras and security and public safety equipment. The Signage Contractor to coordinate all signage requirements with the architectural, structural, lighting, electrical, and telecommunications drawings to ensure that all proposed signs can be installed, with required power and data connections, and are adequately structurally supported. Verification of conditions and sign dimensions to be completed prior to sign fabrication and approval of all required submittals.
- I. Sign Removal:
The Signage Contractor shall identify existing signs to be removed or rehabilitated.

- J. Quantities:
The Signage Contractor shall be responsible for verifying sign quantities with LAWA and Designer.

1.03 DESIGN CRITERIA

- A. The Contract Drawings represent the design intent for the signs required for the Project. The Signage Contractor is responsible for the proper engineering of all elements of the Work. The internal structural design, dimensions, and specifications for all items shall be indicated in the shop drawings.
- B. Structural Design:
 - 1. Details on Contract Drawings indicate a design approach for sign fabrication but do not necessarily include all fabrication details required for the complete structural integrity of the signs, including consideration for static, dynamic, and erection loads during handling, erecting, and service at the installed locations, nor do they necessarily consider the preferred shop practices of the individual The Signage Contractor. Therefore, it shall be the responsibility of the Signage Contractor to perform the complete structural design of the signs and to incorporate all the reasonable safety factors necessary to protect LAWA and their representatives, against public liability. Designs that survive rational engineering analysis will be acceptable, provided that shop drawings; including structural design, are approved by LAWA. Signs must meet all applicable local, state, and national codes, as well as testing laboratory listings where required. Connection details and structural calculations to be verified by the structural engineer prior to fabrication. The Signage Contractor will coordinate with General Contractor on all footings, structural attachments, and penetrations of slabs.
- C. Shop Drawings:
 - 1. The Contract Drawings presented for pricing are not fabrication or shop drawings. The Signage

Contractor is expected to provide all details necessary to effectively explain and specify the fabrication process and the expected performance of the installed product. The Signage Contractor must demonstrate through details and specifications their complete understanding of the desired final product and the method/process by which they are producing said product. The Signage Contractor is responsible to field measure prior to submitting Shop Drawings. Repackaging the supplied Contract Drawings with new title blocks and delivering them as submittals will not be accepted. Although art may be supplied electronically, the Signage Contractor must be prepared to create all graphic content from scratch – per instance as requested - to demonstrate and verify the quality and accuracy of the delivered product. 2. For electronic dynamic signage, the Signage Contractor shall provide complete coordinated shop drawings that depict the entire sign including electrical and data cabling, conduit, raceway and outlets; optical network terminals; video-over-fiber receivers; mounting brackets; supplemental structural members and/or framing and any other appurtenances related to the final signage fabrication and installation. D. Provide shop drawings for all items including, but not limited to the following: 1. Complete fabrication and installation shop drawings for each sign type. Indicate dimensions, materials, finishes, fastening, anchorage, joining, visible seems, sealing, backing, utility requirements, rough-in, and adjacent related site conditions. 2. Each sign type with all graphic elements. 3. Evacuation Map final graphics. The Contract Drawings will provide a template to be used for developing specific area plans and routes as coordinated with the Design for Safety (DFS)	representative and Emergency Egress plans. The Sign Contractor to develop and provide final evacuation map layouts for all locations. 4. All letter styles shall be accurately reproduced. 5. Connections and routing for all power and data cabling shall be indicated. 6. Braille message coordinated with corresponding raised characters. Braille shall comply with California round top contracted grade 2 braille per sections 1.06.G.3 and 4 of this document. 7. All shop drawings to comply with LAWA Signage Standards. 8. Sign location plan and sign message schedule shall be complete. 1.04 SUBMITTALS A. Procedure: Prepare submittals in accordance to the latest version of LAWA Design and Construction Handbook requirements and to include the following: 1. Notes on shop drawings shall clearly define any actions requiring review by LAWA. 2. First article of production-run items, both large and small, will be reviewed by LAWA before production run is commenced. 3. It shall be the responsibility of the Signage Contractor to schedule all review meetings with LAWA. 4. The Signage Contractor is responsible to provide a complete sign location plan and message schedule for review and approval by LAWA prior to fabrication.	B. Control Samples: Submit physical samples of sufficient size, accurate scale and quantity to illustrate materials, finishes, equipment or workmanship, and to establish standards by which completed work will be judged. Samples must represent the functional characteristics of the product or material, with integrally related parts and attachment devices, colors, and finishes. C. All samples to include an area for stamp approval. D. Required samples for review: 1. Full 4-inch x 4-inch set of all specified paint colors and finishes. 2. Complete, scaled, message layout for each sign face, to demonstrate proper spacing and content (black text on white background: outline not accepted). 3. Sample of each type of fastener to be used, both mechanical and adhesive. 4. Each type of exposed metal used for major elements of work with respective finish. 5. Each type of adhesive vinyl film, including computer-cut designs, shown full-size on each of the specified ground colors. 6. Mock-ups as indicated in section 1.06 and scheduled in the Contract Drawings. Mock-ups shall become the property of LAWA and are not to be part of the completed work. 7. Unless otherwise noted, one full size, complete, sign must be prepared and installed by the Signage Contractor as "first article" for each sign type. Upon inspection and approval by LAWA, the fabrication of subsequent articles may continue.	8. Other items as may be required by LAWA, or as noted on the Contract Drawings or herein. E. Extra Materials/Spares: The Signage Contractor shall deliver to a location per the direction of LAWA, in manufacturer's original packaging, a minimum quantity of the following items. 1. Furnish (1) gallon of each finish paint color for touch-up purposes. 2. Furnish (6) lamps and/or LED modules of each type and size used in the signage (as applicable). 3. Furnish (1) power supply component of each type and size used in the signage (as applicable). 4. Furnish 10 spare master keys to master keyed locks on all operable signage cabinet doors (as applicable). Note: All cabinet doors shall be keyed to one master key. 5. Additional items and quantities as requested by LAWA and contracted at commencement of work. F. Supplementary Product Literature: Submit for information. Furnish within seven (7) days of product installation, manufacturer's literature describing the general properties of each product to be used in the Work. 1.05 PERMITS BY THE SIGNAGE CONTRACTOR A. The Signage Contractor shall make all submittals for each applicable permit via LAWA. The Signage Contractor shall be responsible for paying all fees, making adjustments as required, or any task necessary for obtaining local building and installation Sign permits for the proper execution of the Work.
--	---	--	---

1.06 QUALITY ASSURANCE

A. Mock-ups and Prototypes:

- 1. Provide a mock-up of each sign type at the fabrication facility or on-site for review. The mock-up should be a 1:1 scale fabrication of the proposed sign type. The mock-up of a smaller portion of the full-scale sign type may be acceptable if indicated in the Contract Drawings and agreed to by LAWA.
- 2. Utilize the same materials and installation methods in the mock-up as intended for the final Work. Schedule the installation so that the mock-up may be examined, and any necessary adjustments made, prior to commencing fabrication of the final Work. Replace unsatisfactory items as directed.
- 3. For freestanding signs, the Sign Contractor is to demonstrate how the sign will be mounted to ground or footing to ensure acceptable stability, level placement and concealed attachments based on structural calculations.
- 4. When accepted, mock-up shall serve as the standard for materials, workmanship, and appearance for the Work throughout the project.

B. Work-In-Progress Approvals:

- 1. Provide work-in-progress sign elements reviews. Scheduled or unscheduled viewings at the Fabrication Facility may be initiated by LAWA as deemed necessary to ensure continued quality control and make any adjustments required during fabrication. Unsatisfactory items are to be corrected by the Signage Contractor as directed by LAWA.

C. Regulatory Requirements:

- 1. Comply with applicable requirements of the Applicable Laws and Authorities. Obtain necessary approvals and permits from all such Authorities as required per section 1.05 and section 1.06.K of this document.

D. Markings and Labels:

- 1. Locate markings, labels, manufacturer names and other identifications so as to be concealed from public view and as acceptable by LAWA unless required by code to be visible.
- 2. No trade name or other identification shall appear on any item where it will be seen by the public, except as specifically approved by LAWA in advance.

E. Final Location of Signs:

- 1. The location of signs as shown on the Location Plans is for general reference only and in some cases is not representative of the exact final location. Final locations of Signs shall be field verified in coordination with LAWA.
- 2. The Signage Contractor shall arrange for meetings at the Project site to accommodate direction of final locations according to Project Construction Schedule.
- 3. The final location of signs shall be submitted along with shop drawings to LAWA.

F. Lettering:

- 1. The Signage Contractor shall be responsible for the quality control of all lettering. All letterforms shall be crisp, sharp, free of nicks, ragged edges and discontinuous curves. All lettering

shall conform to approved typeface, weight and letter spacing. No substitutions of typeface foundry, brand, version or implementation technique will be accepted without approval.

- 2. Vinyl Die Cut Graphics: All artwork shall be approved vector files for cutting.

- 3. All cutting and routing shall be executed in such a manner that all edges and corners of finished letterforms are true and clean. Letterforms with rounded positive or negative corners, nicked, cut, or ragged edges, etc., will not be accepted. All letterforms shall be so aligned as to maintain a baseline parallel to the sign format. Margins must be maintained as specified in the Contract Drawings.

- 4. All Work under the Agreement shall be performed by skilled craftsmen under supervision of trained foremen, experienced in the trade of craft required to accomplish the Work and produce a product of high quality.

G. Tactile Sign Messages:

- 1. All tactile sign messages must comply with current CBC/LABC sections 11B-703.2 through 11B-703.4
- 2. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 0.125-inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 0.0625-inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 0.125-inch (3.2 mm) minimum and 4 times

the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 0.375-inch (9.5 mm) minimum.

- 3. Braille shall be contracted Braille (Grade 2), domed compliant with CBC/LABC Table 11B-703.3.1, and maintain a minimum 0.375-inch clear-space from other tactile elements.

- 4. Braille messages shall be proof-read by the Signage Contractor prior to fabrication. The Signage Contractor shall be responsible to provide certification of true and accurate Braille translations for each message.

H. High Quality of Workmanship:

- 1. The Signage Contractor shall be responsible for the high quality of all materials and workmanship required for the execution of the Agreement including materials and workmanship of any firm or individual who act as the Signage Contractor's Sub-Contractor.

- 2. The Signage Contractor shall be responsible for providing up-to-date shop drawings, specifications, graphic schedule, etc., to all sub-contractors.

I. Dimensions:

- 1. Written dimensions on drawings shall have precedence over scaled dimensions.
- 2. The Signage Contractor shall verify and be responsible for all dimensions and conditions shown in the Contract Drawings and shall verify scale and dimensions in any architectural drawings provided. Shop details must be approved by LAWA prior to fabrication.

3. The Signage Contractor to verify dimensions at existing install locations where signage will be mounted to ensure proper fit, spacing and alignment as shown in the Contract Drawings.
- J. Discrepancies:

1. The Signage Contractor shall notify LAWA at once of any discrepancies in the Contract Drawings, including but not limited to the detail drawings, sign location plans or sign message schedules. As well as any discrepancies found in field dimensions, conditions or changes that require additional/revised shop drawings.
- K. Regulatory Requirements:

1. Comply with applicable portions in current ADA Standards for Transportation Facilities (US DOT), current ADA Standards for Accessible Design (US DOJ), current CBC, and current LABC.

2. Comply with ASCE-21 section 11.5. ASCE 21 also refers to compliance with NFPA-130
3. References:

a. California Building Code – California Fire Code – Title 24

b. California Public Safety Codes – Title 19

c. California Environmental Protection – Title 27

d. National Association of Architectural Metal Manufacturers (NAAMM) "Metal Finishes Manual."

e. American Welding Society (AWS) – AWS D1.1 "Structural Welding Code, Steel," and AWS D1.2 "Structural Welding Code, Aluminum."

f. Underwriters Laboratories Inc. (UL) – Standards for Safety, UL Publication 48 "Electric Signs."

- 1.07 GRAPHICS/ARTWORK

A. LAWA to provide current LAWA Signage Standards in PDF via electronic file transfer.

B. The Signage Contractor to verify in shop drawings all fonts used comply with the LAWA Signage Standards for correct typefaces, typestyles, and font foundries.

C. The Signage Contractor to verify all graphic symbols, direction arrows, and colors used in shop drawings comply with the LAWA Signage Standards.
- 1.08 WARRANTY

A. Signage Warranty:

1. After the successful completion of all the signs in the Contract Drawings and after LAWA acceptance of the finished product, the Sign Contractor shall submit to LAWA a 5-year written warranty covering all Signs, notarized by the Signage Contractor and Installer (if Sub-Contractor is used), agreeing to repair or replace the Defective Signs. Upon notification of such Defective Signs within the warranty period, make necessary repairs or replacement at the convenience of LAWA.

B. Linear Polyurethane Paint Factory Finish Warranty:

1. After the successful completion of all the signs in the Contract Drawings and after LAWA acceptance of the finished product, the Sign Contractor shall submit to LAWA a 5-year written warranty, warranting that the factory-applied linear polyurethane finishes will not develop excessive fading or excessive non uniformity of color or shade, and will not crack, peel, pit, corrode or otherwise fail as a result of Defects in materials or workmanship within the following defined limits. Upon notification of such Defects

- within the Warranty Period, make necessary repairs or replacement at the convenience of LAWA.
- a. Excessive Fading: A change in appearance that is perceptible and objectionable as determined when visually compared with the original color range standards.
- b. Excessive Non-Uniformity: Non-uniform fading to the extent that adjacent panels have a color difference greater than the original acceptable range of color.
- c. Will Not Pit or Otherwise Corrode: No pitting or other type of corrosion, discernible from a distance of 10' (3 m), resulting from the natural elements in the atmosphere at the project site.

1.09 MAINTENANCE

- A. Maintenance and Operating Manuals:

1. Submit one (1) PDF or Word document digital copy of Maintenance and Operating Manuals to LAWA and one (1) copy to the Architect.

2. Furnish complete manuals describing the materials, devices and procedures to be followed in operating, cleaning and maintaining the Work. Include manufacturers' brochures and parts lists describing the actual materials used in the Work, including metal alloys, finishes, electrical components and other major components.

3. Assemble manuals for component parts into single digital folders identified for each system.

- B. Instruction:

1. Prior to acceptance, establish with LAWA an instruction and training program for LAWA's personnel.

2. Notify LAWA in writing at least seven (7) days prior to commencement of the program providing an outline of topics indexed to the Maintenance and Operating Manual.

3. Provide a trained instructor. Provide three (3) consecutive 4-hour periods of training scheduled during the normal 8-hour working day. Instruction and training shall include, but shall not be limited to, procedures to be followed in the normal day-to-day maintenance and operation of the Work (as applicable).

PART 2 – PRODUCTS

2.01 FABRICATION

- A. Signage shall be complete for proper installation as described in the Contract Drawings.
- B. Finish work shall be firm, well anchored, in true alignment, properly squared, with smooth clean uniform appearance, without holes, cracks, discoloration, distortion, stains, or marks.
- C. Construct all work to eliminate burrs, dents, cutting edges, and sharp corners.
- D. Finish welds on exposed surfaces to be imperceptible in the finished work.
- E. Except as indicated or directed otherwise, finish all surfaces smooth.

F. Surfaces, which are intended to be flat, shall be without dents, bulges, oil canning, gaps, or other physical deformities. G. Surfaces, which are intended to be curved, shall be smoothly free flowing to required shapes. H. Except where approved otherwise by LAWA, conceal all fasteners. I. Make access panels tight-fitting, light proof, and flush with adjacent surfaces. J. Conceal all identification labels and Underwriters Limited labels to conform to Underwriters Limited Codes. K. Carefully follow manufacturer's recommended fabricating procedures regarding expansion or contraction, fastening, and restraining of all metals, glass, acrylic and polycarbonate materials. L. Exercise care to ensure that painted, polished, and plated surfaces are unblemished in the finished work. M. Isolate dissimilar materials. Exercise care to isolate nonferrous metals from ferrous metals. N. All illumination shall be even and without hot spots or light leaks. O. Ease all exposed metal edges. P. Provide miscellaneous metal supports, fasteners or fabrication items required for completion of the work even though not shown or specified in the Contract Drawings. Q. Refer to Contract Drawings for sign color specifications and requirements.	R. Paint finishes shall be Matthews Acrylic Polyurethane with Matthews Primers and Metal Pre-Treatments or LAWA approved equal. S. Shop painting to be uniform on and around all sign elements to ensure sign elements will withstand all weather conditions. T. Mounting plates shall be in conformance with manufacturer's written recommendations and engineered requirements per sign type. 1. LADOT standard details (S-452.0) 2. LADOT standard posting details for large roadway signs (S-476.1) U. Sign faces and/or message panels shall be constructed as removable pieces from a frame or structure by concealed fasteners for refurbishing.	c. Aluminum interior plaques shall be constructed from 0.125-inch aluminum, #4 horizontal brushed finish with semi-gloss linear polyurethane clear coat, unless otherwise specified on Contract Drawings. d. Aluminum interior fabricated components shall be constructed from 0.125-inch thickness aluminum sheet. e. Extruded aluminum shapes shall utilize 6063-T6 aluminum alloys, unless otherwise specified on Contract Drawings. f. Aluminum posts shall be constructed from 2-inch square T52 tubes, 0.1875-inch wall thickness and #4 brushed and clear anodized finish with capped ends, unless otherwise specified on Contract Drawings.	c. Stainless steel interior plaques shall be constructed from 0.125-inch thickness stainless steel sheet, #4 horizontal brushed finish with semi-gloss linear polyurethane clear coat, unless otherwise specified on Contract Drawings. d. Stainless steel interior fabricated components shall be constructed from 0.0625-inch stainless steel, unless otherwise specified on Contract Drawings.
	2.02 MATERIALS A. All Specified Metals: 1. Aluminum a. Aluminum shall be suitable for ornamental, architectural work. Surface finish shall be smooth, free of extrusion marks or imperfections. Alloy shall be selected to meet the structural requirements of the specific application. b. Aluminum exterior cabinets, spacers, backplates and frames shall be constructed from 0.25-inch aluminum, #4 horizontal brushed and clear anodized finish, unless otherwise specified on Contract Drawings.	2. Stainless Steel: a. Stainless steel shall be suitable for ornamental and architectural work. Surface finish shall be smooth, free of all extrusion marks or imperfections. Alloy shall be selected to meet the structural requirements of specific application. Structural metal for concealed framing shall be of galvanized rolled steel or equal as required to satisfy structural requirements. Stainless steel 316 is suitable and should be indicated in the Sign Contractor shop drawings. b. Stainless steel exterior cabinets, spacers, backplates and frames shall be constructed from 0.125-inch stainless steel, #4 horizontal brushed and clear anodized finish, unless otherwise specified on Contract Drawings.	B. Adhesive: Adhesive used for installing Signs shall be manufactured by Dow Corning or equal. "VHB" tape such as Polyfoam or "Isotac" contact adhesive tape manufactured by 3M shall be used in conjunction with silicone adhesives for installation of wall signs, in minimum thicknesses available. C. Concrete Installation: Installation of anchoring devices into concrete slab shall be adjusted to avoid penetrating existing reinforcing structural components z. contained in the concrete slab. Coordinate with the Architect and Structural Engineer. D. Acrylic: Acrylic intended for non-illuminated use shall be 0.25-inch cast acrylic sheet with non-glare finish, unless otherwise specified on Contract Drawings. Acrylic intended for edge-illuminated use shall be 10mm extruded acrylic sheet with embedded diffuser particles designed specifically for edge-lighting, unless otherwise specified on Contract Drawings. E. Plexiglas® and Lexan® : Plexiglas® shall be manufactured by Rohm and Haas Co., or equal quality. Lexan® polycarbonate resin thermoplastic shall be manufactured by GE Plastics, or equal quality. Thickness shall be as indicated on Contract Drawings or not less than 0.125-inch

thick. The Signage Contractor shall provide color and finish samples of all plastics for approval before fabrication; no substitution in color, thickness, or finish of plastics will be accepted without written approval from LAWA. All plastics shall be of uniform color, translucence and illumination, as supplied by manufacturer. Any exposed edges of material shall be finished so as no saw marks are visible.	separated with non-conductive gaskets to prevent electrolysis. In addition to gaskets, provide stainless steel fasteners for some cases as required.	1. All materials must be approved and listed by Underwriters Laboratories, Inc.	C. Conduit and Devices: Provide rigid steel conduit, junction boxes and associated devices in accordance with applicable codes as required.
F. Hardware/Hinges: Provide and install all incidental hardware necessary for the proper functioning of the Signs, including, but not restricted to, materials and products covered in this section. Provide stainless steel hinges for all hinged access panels. Provide pin tumbler locks for all access panels requiring locks. Provide stainless steel fasteners for assembling ferrous and non-ferrous metals.	K. Interior Vinyl Graphics: Applied interior vinyl graphics to be High Performance Cast Vinyl Sheeting, unless otherwise specified on Contract Drawings.	2. Light Emitting Diode (LED) general lighting requirements: a. Provide sufficient LED wattage, quantities and spacing to ensure continuous, maximum illumination. b. Provide LED lighting prototypes to verify brightness and uniformity of lighting with designer.	D. Wiring: Minimum #12 AWG copper shall be used. High tension wiring shall not be less than GTO 15 wire as manufactured by Carol Cable Company or approved equal. All wiring shall be AWM 90 0 centigrade 1000-volt TW/MTW U.L. file no. 18971. Wiring connectors for wire splicing shall be U.L. approved 1000-volt capacity and shall be Scotch Lock type Y or R or equal. All splices should be easily accessible for inspection and should be shown on shop drawings.
G. Fasteners: All bolts, nuts, acorn nuts, screws, washers, lock washers, anchors and other devices required to complete the Work shall use the same basic metal or alloy as the metal fastened, and match in color and texture. Use stainless steel 300 series alloy where used to join dissimilar materials.	L. Exterior Vinyl Graphics: Applied exterior vinyl graphics to be High Performance Reflective Vinyl Sheeting, unless otherwise specified on Contract Drawings. 1. All reflective vinyl shall be minimum 3M Diamond Grade Series 4000, which is CalTrans/LADOT compliant unless otherwise specified on Contract Drawings. 2. All vinyl overlays will be applied over new fabricated metal sign panels with no existing overlays.	3. LED lighting component, color and power requirements: a. Edge lighting – fabricated linear white LEDs 24 VAC. b. Back lighting – fabricated matrix white LEDs 24 VAC.	E. Power Supplies: Ballast and or UL approved power supplies shall be used as required for internally illuminated cabinet signs, in quantity and arrangement as recommended by manufacturer, accessible for maintenance and shown on shop drawings provided by the Signage Contractor.
H. Exposed Fasteners: All exposed fasteners to be 0.125-inch flathead stainless steel screws painted to match adjoining surfaces unless otherwise specified on Contract Drawings.	M. Additional Material/Processes: For materials or processes described in the preceding list, the material and/or process as detailed in the Contract Drawings shall be used as the meet or exceed equivalent.	4. Heavy duty, non-keyed, flush mounted, fused or un-fused disconnects. Provide NEMA 1 for dry locations and proper enclosure for others.	F. LED Power Supplies: LED power supplies shall be used as required for internally illuminated cabinet signs, in quality and arrangement as recommended by manufacturer, accessible for maintenance and shown on shop drawings provided by the Signage Contractor..
I. Pin-mount Supports: Pin-mount supports shall be 0.1875-inch to 1-inch diameter painted threaded rods with non-corrosive spacer covers painted to match returns as appropriate.	N. Outdoor Material Application: All materials in the preceding list required for outdoor application must be suitable for coastal environments. Any material(s) proposed by the Sign Contractor that is not listed above should be clearly identified in the shop drawings for LAWA's review and approval.	B. Electrical Wiring and Equipment: Provide and install electrical materials such as ballasts, transformers, power supplies, LED modules, lamps, sockets, neon units, connectors, and all other equipment which shall be new and shall be approved by Underwriters Laboratories, Inc. The assembly of all components within the illuminated signs shall conform to all standards of Underwriters Laboratories, Inc. as published in the latest edition of "Standards for Sign Safety" and all illuminated signs shall bear the U.L. label. All wiring and equipment shall be concealed within the Sign structure.	G. Disconnect Switch: All Signs or Sign components with electrical service shall be equipped with an approved external disconnect switch, flush mounted on the cabinet / Sign, with circuits and capacity to control all primary wiring within the Sign. Location of switch must be shown on shop drawings and is subject to approval.
J. Insulation/Material Isolation: All ferrous and non-ferrous metals shall be			
2.03 ELECTRICAL COMPONENTS			
	A. Electrical Components: All electrical components must conform to applicable electrical codes and the following:		

- H. LED Illumination:

All signs with LED fixtures shall provide even, diffused, illumination without light leaks or hotspots. The Signage Contractor shall provide any specification information required to verify performance. All fixtures shall be provided by the Signage Contractor. The Signage Contractor shall provide waterproof flush access panel(s), which shall be concealed wherever possible. Conduit wiring and electrical equipment from the field electrical connection to any part of the sign and within the sign shall be provided by the Signage Contractor.
- I. Ventilation:

While maintaining a proper weather seal, the Signage Contractor shall provide for sufficient ventilation of Sign components to prevent overheating or warping; allowing for color of sign, mounting surface, climate conditions, etc. In providing for ventilation, Signage Contractor shall protect sign from elements (rain, wind, debris, etc.) that might cause operational or cleaning problems. Signs / cabinets with light leaks will not be accepted. the Signage Contractor shall utilize stainless steel bug mesh screen for integration with weep holes or vent / louvers on the Signs to prevent insect migration into illuminated Signs.
- J. LAWA IT Conformity:

All electrical components are subject to review by the LAWA IT group. Sign Contractor shall provide all fabrication details and electrical component specifications for all sign types in detailed shop drawings.

2.04 DYNAMIC VIDEO DISPLAYS

- A. LAWA IT Conformity:

All Dynamic Screens, Electronic Full Color LCD, LED and OLED Dynamic Video Displays shall conform to the latest LAWA IT department specifications

- and requirements. Sign Contractor is to provide all compatible dynamic signage, screens, related equipment and mounting systems per Contract Drawings unless noted otherwise. Sign structural support, internal illumination, electrical/data connections and required custom fabrication details for all sign types should be detailed in shop drawings.
- B. FCC Compliance:

Electronic Full Color Dynamic Video Displays must conform to FCC (Federal Communications Commission) Title 47, Part 15, Class A. The Displays must have FCC Compliance statement sticker affixed to the exterior of the product.
- C. Third-party Testing:

Upon request, display manufacturer must provide an accredited Third-party Testing Lab Center certificate of compliance for the Display model quoted for the project. The FCC requires that all digital screens be tested in a worst-case scenario to ensure compliance with emissions limits and to show that the equipment will not cause harmful electromagnetic interference to other devices.
- D. Display Statement:

All displays must showcase the following statement on the exterior of the displays, as required by 47 CFR section 15.19(a)(3):

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following 2 conditions:

a. This device may not cause harmful interference.

b. This device must accept any interference received, including interference that may cause undesired operation.

- E. Test Plan:

The Signage Contractor is required to submit a Test plan for all Dynamic Video Displays in compliance with Division 27 and to include the following:

1. Factory Testing

2. Field Installation Testing

3. Field Functional Testing
- F. Functionality Verification:

After successfully installing all displays and components, Sign Contractor to demonstrate to LAWA and verify that all components work seamlessly per Test Plan and manufacturer’s specifications.

2.05 FINISHING MATERIALS

- A. Linear Polyurethane Coatings:

The Signage Contractor is required to provide the following, or other products as approved by LAWA.

1. Acrylic Polyurethane Ultra Low VOC Paint: MAP-LV by Matthews Paint Company to be used for exterior application for properly prepared and primed substrates such as aluminum, steel and other substrates. Substrates should be prepared according to the Matthews Substrate Preparation Guide prior to topcoat application.

2. Primer for Aluminum: Two-part component primer: One-coat Matthews 74-734 and 74-735 Metal Pretreat at. 25 mils dry film thickness or one-coat Matthews 74-793 Spray Bond at .15 to .25 mils dry film thickness or Wyandotte / AKZO Grip-Guard Wash Primer (2Afy-31284) with Grip-Guard Wash Primer Hardener (10AFK-31285) combined and applied per manufacturer's specifications or approved equal (primer) for the application of the pre-approved and pre-formulated paint system.

3. Primer for Steel:

Two part component primer: One-coat Matthews 74-734 and 74-735 Metal Pretreat at .25 mils dry film thickness or Wyandotte / AKZO Grip-Guard Wash Primer (2Afy-31284) with Grip-Guard Wash Primer Hardener (10AFK-31285) combined and applied per manufacturer's specifications or approved equal (primer) for the application of the pre-approved and pre-formulated paint system.
4. Clear Sealers:

Crystal clear matte Low VOC or Ultra Low VOC polyurethane sealers By Matthews Paint Co. or approved equal. Sealers are to resist rust and corrosion associated with exposure to salt air. And provide additional UV protection, graffiti resistance and durability. As required and of highest quality available, applied per manufacturer's specifications.
- B. Anodized Aluminum Components/Panels:

If required, the Signage Contractor shall provide anodized (application of aluminum oxide film coating in clear or colored dye finish) aluminum panels or parts to match Contract Drawing specified color, grain, finish and specifications.
- C. Direct Printing Materials:

Provide only weather-resistant coating materials, compatible with the intended substrates under normal wear and use the workmanship and materials used should not delaminate, peel, blister, crack or fade for a period of ten (10) years for exterior use. This does not include accidents, abuse or misuse.
- D. Painted or Silk-Screening Materials:

Provide only weather-resistant coating materials, compatible with the intended substrates. All silk-screened graphics are to be done with the finest screen size feasible for sharp, even reproduction.

E. Vinyl Die-Cut and Pattern Cut-out Graphics: Use Scotchcal Opaque and Translucent film and Scotchcal Diamond Grade VIP Reflective film manufactured by 3M where specified. Use pressure-sensitive, non-yellowing, non-peeling and weather resistant vinyl as specified. Use approved fonts and colors as specified.		joints shall be ground filled and finished flush and smooth with adjacent work. Such seams shall be invisible after final finish has been applied. Spot welded joints shall not be visible on exterior of signs after final finish has been applied. No gaps, light leaks, waves, or oil canning will be permitted in Work. If any of these are evident, the Signage Contractor will be required to correct its Work or construct a new Sign at its own expense.		H. Castings: Exposed surfaces shall be uniformly free from porosity and roughness. Edges shall be filled and ground smooth. Faces shall be chemically etched and mechanically polished for specified finish.		to view, they shall be chrome, brass, stainless steel, or other finish to match other finishes in the spaces in which they are to be installed, unless otherwise specified. Obtain LAWA's approval for location of each access door prior to placement.	
2.06 FABRICATION OF SIGNS AND SUPPORTS						2.07 SHOP APPLICATION OF SIGN FINISHES	
A. General: Provide custom manufactured Sign assemblies, components completely fabricated and finished at factory before delivery to Project. Construct to accurate detail and dimensions as shown and as review on approved shop drawings. Fit and assemble the Work at the shop and mark the components as required to facilitate assembly during installation. Exposed fasteners on finished faces will not be allowed, unless specifically indicated. Waviness and oil canning of surfaces is not acceptable. Minimum material thickness is to be 0.090 inches. Conceal wiring, conduct and other electrical items within sign enclosures.		D. Metal Signs and Supports: Fabricate exposed surfaces uniformly flat and smooth, without distortion, pitting, or other blemishes. Form exposed metal edges to a smooth radius. Permanently bond the laminated metal components and honeycomb core with adhesive or sealant in accordance with product manufacturer's recommendations. Grind exposed welds and rough areas to make flush with adjacent smooth surfaces.		I. Galvanizing: Provide for steel components in exterior construction, and where noted in Contract Drawings shall be galvanized. Complete the shop fabrication prior to application of the zinc coating. Remove mill scale and rust, clean and pickle the units as required for proper pretreatment of the surfaces.		A. Sign Graphics: Provide the letters, numerals, symbols, and other graphics markings, using the finish materials shown. Apply the graphics neatly, uniformly proportioned and spaced, and accurate within the dimensions indicated. Prepare the substrate surfaces and apply finish materials in accordance with manufacturers' instructions.	
B. Lettering: Cut and rout in a manner to produce true and clean edges and corners of finished letterforms. Letterforms having rounded positive or negative corners, nicked, cut, or ragged edges are not acceptable. Align letter forms to maintain a baseline parallel to the sign format. Maintain margins as indicated on the Contract Drawings.		E. Welding: Make welds continuous. Comply with American Welding Society, Aluminum Association, and Copper Development Association standards for the type of metal used.		J. Hardware: Provide all incidental hardware necessary for the proper functioning of signs. External hardware shall conform to the external appearance of the Sign.		B. Metal Finishes: Remove scratches, abrasions, dents and other blemishes before applying finish. Apply the following to the fabricated Work, with texture and reflectivity as required to match the Architect's sample.	
C. Seams and Joints: The Signage Contractor shall cut walls and floors carefully and neatly repair them in an acceptable manner. The Signage Contractor shall consult the Architect of Record in cases where cutting into a structural portion of the building is required so that satisfactory reinforcement may be provided. Added		F. Fasteners: Use exposed fasteners only if shown on the Contract Drawings. Perform drilling and tapping at shop.		K. Supports and Backing in Walls: The Signage Contractor shall provide engineered Sign supports anchored to building structure where required and to meet requirements of applicable building codes. Support or backing requiring installation within the building wall construction shall be immediately relayed to the Architect of Record and LAWA's for field coordination. the Signage Contractor shall meet with the General Contractor to review all requirements.		1. Linear Polyurethane Finishes: Clean the surfaces as required for proper adhesion of coatings. Use 3M Scotch-Brite™ pads with cleanser and water, and/or chemically treat as recommended by paint manufacturer to remove deleterious film or residue.	
		G. Dissimilar Materials: Where metal surfaces will be in contact with dissimilar materials, coat the surfaces with epoxy paint or plate with zinc chromate, or provide other means of dielectric separation as recommended by manufacturer to prevent galvanic corrosion (i.e. Neoprene gasket as an isolation membrane).		L. Access Doors and Frames: Access doors and frames shall be flush with the material in which they occur, unless otherwise specified. Access doors and frames shall be provided upon prior written approval of the Architect of Record and LAWA. Each trade providing access doors and frames shall verify the need for fire rated doors on the Construction Drawings. Access doors in walls, partitions or ceilings shall bear UL fire rated labels of same fire rating. If access doors and frames are required to be exposed		2. Linear Polyurethane Primer: Provide pretreatment and primer in accordance with manufacturer's recommendation. Add ultraviolet inhibitors to paint subject to sunlight exposure.	
						3. Clear Linear Polyurethane Finish: Provide pretreatment, primer, and matte or semi-gloss finish coatings in accordance with manufacturer's recommendations and Contract Drawings. Apply 1.5 to 2.0 mils (0.0375 to 0.050 mm) dry film thickness.	

2.08 GRAPHIC APPLICATION

- A. Preparation:
Surfaces to receive the graphic markings shall be clean, dry, and otherwise made ready for application of the materials. Accurately measure and lay out the required marking configurations as indicated on Contract Drawings. Graphic applications include but are not limited to the following.
1. Vinyl Die-cut and Pattern-cut Graphics:
Use pressure sensitive, non-yellowing, non-peeling and weather resistant vinyl adhesive letters or images, custom flood coated as required, die cut from Scotchcal™ or Scotchlite™ as manufactured by 3M Company. Apply in strict accordance with manufacturer's instructions. Make uniformly smooth and free from bubbles, wrinkles, stretching and blemishes.
2. Direct Printing Graphics:
All digital pictorials to output at a true minimum [720x720] dpi output resolution. Files to contain a minimum of 200 pixels per inch at final size. Under normal wear and use the workmanship and materials used should not delaminate, peel, blister, crack or fade for a period of ten (10) years for exterior use. This does not include accidents, abuse or misuse.
3. Painted or Silk-screened Graphics:
All graphics shall be applied using photo processed screens from camera ready art, arranged to furnish sharp and solid images without build-up or bleeding of the coating. Comply with coating manufacturer's application instructions. Provide proper type of primer to suit each substrate and obtain a permanent bond. Verify compatibility of each substrate with the coatings to be used in the Work. Apply the markings with neat edges, minimum 3 mils (0.075 mm) dry film thickness and as required to obtain solid markings without voids.

4. Acid-Etched Graphics and Typography:
Acid-etched typography and graphic imagery must be an average of 1/16-inch deep, with clean, crisp, sharp edges; ragged or soft (polished out) edges will be rejected. Acid baths used for etching should be fresh and used in an environment and temperature that will provide the highest quality etched images. Color fill as indicated by the S/P color and finish schedule, keeping inks and fills true to the edges of letterforms/graphics.

PART 3 – EXECUTION

3.01 VERIFICATION OF CONDITIONS

- A. Inspect all surfaces to receive signage and report all defects that would interfere with signage installation.
- B. Starting Work implies acceptance of surfaces as satisfactory.
- C. Verify all conditions and sign dimensions in field. the Signage Contractor to review and study architectural, landscape, lighting, electrical and related plans to ensure that all proposed signs can be installed and supported. Verification of conditions and sign dimensions to be completed prior to sign fabrication and reviewed with LAWA.

3.02 DEMOLITION

- A. Existing signage to be removed and responsibly and lawfully disposed.
- B. Contractor to confirm recycle program with LAWA prior to commencement of work.
- C. Installation of new signage to be installed immediately after any demolition.

- D. Temporary signage, if necessary, is to conform with LAWA's latest version of the Design and Construction Handbook for Temporary Signage.
- E. Unused data and/or electrical feeds to be coordinated with LAWA for proper terminations.
- F. Any surfaces damaged shall be repaired and painted/patched to match adjacent surface.
- G. Concrete and floor surfaces to be repaired in coordination with LAWA.

3.03 INSTALLATION

- A. Install signage upon acceptance by LAWA of material and completion of job site area to receive such materials.
- B. Guard against damaging existing pavements and planting where Sign is to be installed.
- C. Footings beneath topping surface shall be installed and located prior to top surface installation.
- D. Prior to installation, check all components, nuts, bolts, and other connections for proper alignment, fit and any damage. Replace damaged or defective components.
- E. Prior to installation, confirm all electrical locations and requirements with LAWA.

3.04 CLEANUP

- A. Keep areas of work clean, neat and orderly at all times. Clean surfaces, inside and out. Use approved cleaners if necessary, to remove dirt, smudges, stains or grime.

- B. Protective coverings and strippable films shall be removed at a time that will afford the greatest protection of the installed Work. Sign adjacent surfaces shall be cleaned to remove excess glazing and sealant compounds, dirt, and other substances.
- C. Upon completion of work and before final acceptance, remove tools, surplus materials, apparatus, and debris from the site. Wash, clean, and leave paved areas without stains. Leave the site in a neat, clean condition for review by LAWA.

3.05 FINAL INSPECTION AND ACCEPTANCE

- A. Upon completion of work, LAWA and LAWA Signage and Graphics will perform a final inspection for acceptance.
- B. The Sign Contractor shall remove all unused mock-ups, submittals, materials, and equipment from site prior to final acceptance by LAWA.
- C. The Sign Contractor shall submit to LAWA all operation manuals, tools, and keys as specified in this Document.

- END OF SECTION -