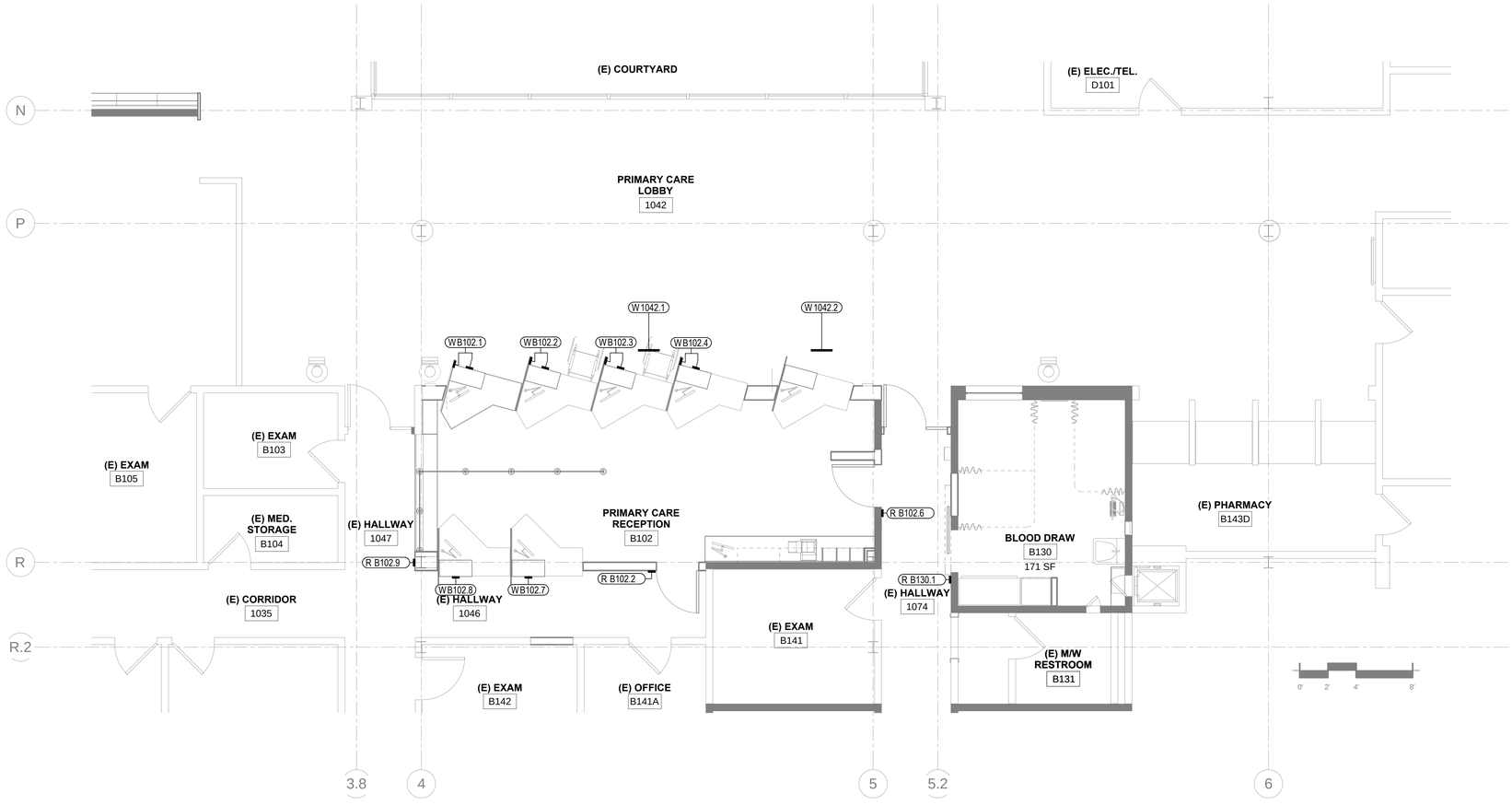
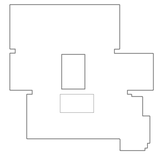


LEGEND

C12345 CODE SIGN

R12345 ROOM SIGN

W12345 WAYFINDING SIGN



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FINAL BID DOCUMENTS FOR PRIMARY CARE AND BLOOD DRAW

Revisions:	Date

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Drawing Title	PRIMARY CARE SIGN LOCATION PLAN
Approved: Project Director	
Project Title	VA MTZ B19 OPC INTERIORS PHASE 2
Location	VANCHCS, MARTINEZ CAMPUS 150 MUIR RD., MARTINEZ, CA 94553
Date	03.10.2014
Checked	JP
Drawn	JD
Project Number	612-12-281FCA
Building Number	19
Drawing Number	AG32.1
Dwg.	3 of 8

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

VA Martinez Building 19
Sign Schedule: Final Bid Document

Issue Date: 10 MARCH 2014

Area	Code/ WF/ Room	Sign Number	Sign Type	Qty	Arrow	Message	Sheet	Notes
						Interior Signage		
						NOTE: **SIGNS ARE LOCATED IN 3 WAYS:** **W = WAYFINDING SIGN** Located by: SIGN NUMBER in this sign schedule and corresponding OVAL marker on sign location plan. **C = CODE REQUIRED SIGN** Located by: SIGN NUMBER in this sign schedule and corresponding RECTANGLE marker on sign location plan. **R = ROOM SIGN** Located by: ROOM NUMBER in this sign schedule and corresponding OVAL marker on sign location plan, centered in each room or area.		
ML						**Main Lobby**	AG12.1	
ML	**W**	**1001.1**	IN-17.04	1		(building map directory)	AG12.1	
ML	**C**	**1001.2**	IN-02.07	1		(mandatory posting: patient rights & responsibilities)	AG12.1	
ML	**C**	**1001.3**	IN-02.08	1		(mandatory posting: policies & directives)	AG12.1	
ML	**W**	**1001A.1**	IN-19.02	1		Patient Education	AG12.1	Glass mount, provide vinyl backer.
ML	**W**	**1001A.2**	IN-19.02	1		Patient Education	AG12.1	Glass mount, provide vinyl backer.
ML	**R**	**A108.1**	IN-04.02	1		A108 Administration	AG12.1	
ML	**R**	**A109A.1**	IN-04.02	1		A109A Triage	AG12.1	

VA Martinez Building 19
Sign Schedule: Final Bid Document

Issue Date: 10 MARCH 2014

Area	Code/ WF/ Room	Sign Number	Sign Type	Qty	Arrow	Message	Sheet	Notes
ML	**R**	**A109A.2**	IN-04.02	1		A109A Triage	AG12.1	
ML	**R**	**A109B.1**	IN-04.02	1		A109B Interview	AG12.1	
ML	**R**	**A109B.2**	IN-04.02	1		A109B Interview	AG12.1	
ML	**W**	**A110.1**	IN-19.01	1		Information	AG12.1	Mount on desk.
ML	**W**	**A110.2**	IN-19.02	1		Information	AG12.1	Mount on soffit.
ML	**W**	**A110.3**	IN-19.02	1		Main Reception	AG12.1	Mount on soffit.
UC						**Urgent Care**	AG22.1	
UC	**R**	**C122A.1**	IN-04.02	1		C122B Medical Storage	AG22.1	
UC	**R**	**C122B.1**	IN-04.02	1		C122B Storage	AG22.1	
PC						**Primary Care**	AG32.1	
PC	**W**	**1042.1**	IN-19.02	1		Primary Care	AG32.1	Mount on fascia.
PC	**W**	**1042.2**	IN-19.02	1		Blood Draw	AG32.1	Mount on fascia.
PC	**W**	**B102.1**	IN-19.02	2		1	AG32.1	
PC	**W**	**B102.2**	IN-19.02	2		2	AG32.1	
PC	**R**	**B102.2**	IN-04.01	1		B102 Primary Care Reception	AG32.1	
PC	**W**	**B102.3**	IN-19.02	2		3	AG32.1	
PC	**W**	**B102.4**	IN-19.02	2		4	AG32.1	
PC	**R**	**B102.6**	IN-04.01	1		B102 Primary Care Reception	AG32.1	
PC	**W**	**B102.7**	IN-19.02	1		7	AG32.1	
PC	**W**	**B102.8**	IN-19.02	1		6	AG32.1	

VA Martinez Building 19
Sign Schedule: Final Bid Document

Issue Date: 10 MARCH 2014

Area	Code/ WF/ Room	Sign Number	Sign Type	Qty	Arrow	Message	Sheet	Notes
PC	**R**	**B102.9**	IN-04.01	1		B102 Primary Care Reception	AG32.1	
PC	**R**	**B130.1**	IN-04.01	1		B130 Blood Draw	AG32.1	

For Additional Information Please See the VA Sign Standards Guide at - http://downloads.va.gov/files/CFM-TIL/signs/

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Drawing Title	SIGN SCHEDULE
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Drawn	JD
Project Number	612-12-281FCA
Building Number	19
Drawing Number	AG9.11
Dwg.	4 of 8

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

Components — Design Elements

Typography
Helvetica Bold is the standard typeface for the VA Sign System and will be used predominantly throughout the sign program. Signs identifying permanent rooms shall be ABA compliant, to accommodate the visually impaired (refer to ABA sections). All non-ABA signs are to maintain an upper and lower case (Initial Caps) format.

The secondary language of a multilingual sign shall be Helvetica Regular.

Overhead signs shall be Helvetica Bold Condensed.

Building Standard - Helvetica Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Second Language - Helvetica Regular

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Overhead Signs - Helvetica Bold Condensed

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Letterspacing
Normal letter spacing is utilized when the readability ratio factor (capital letter height in inches to maximum readable viewing distance in feet) is 1:25 for a word using upper and lower case letters. Word spacing shall be equivalent to the width of a lower case "v".

ABA letters should be spaced so that tactile readers can feel where one letter ends and the next begins. Braille needs to be spaced so the reader can feel where one dot ends and the next dot begins (refer to ABA sections).

Normal letter spacing should not be used when letter forms are to be illuminated as light bleed causes letters to fuse together visually.

Distance letter spacing shall be utilized when the copy content is intended for readability at greater viewing distances than normal letter spacing allows. The readability ratio factor is 1:40. Distance letter spacing shall be used for all exterior and illuminated signs.

Normal Spacing

Correct Spacing	Spacing is too tight	Spacing is too loose
Administration	Administration	Administration
Administration	Administration	Administration

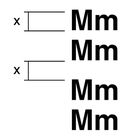
Distance Spacing

Correct Spacing	Spacing is too tight	Spacing is too loose
Building	Building	Building
Building	Building	Building

Components — Design Elements

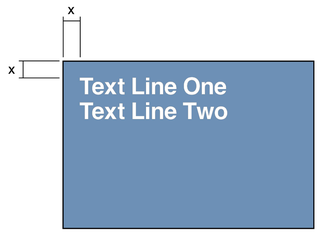
Interline Spacing
Interline spacing will generally be noted on sign type drawings. As a rule, line spacing shall be no less than 1/2 the height of the upper case letter form.

Paragraph Spacing
Paragraph spacing will generally be noted on sign type drawings. As a rule, paragraph spacing shall be no less than the height of the upper case letter form.



Alignment
A flush upper left copy format shall be the general rule though certain exceptions shall be noted.

As a rule, all copy placed on inserts, changeable directional modules, listing strips, overhead panels, and changeable exterior panels shall be vertically centered, (equal margins top and bottom) Graphic symbols used in square format shall be centered on four sides.



X - Dimensions vary per sign type.
See Sign Type Drawings for exact dimensions

ADA — Design Elements

Architectural Barriers Act Tactile Sign Specifications

Character Specifications
Characters shall be sans serif, all capitals, and shall not be italic, bold, script or highly decorative.

Characters and Braille shall be in a horizontal format. Character height shall be 5/8" minimum and 2" maximum, depending on viewing distance (see Table 703.5.5 in "ABA Accessibility standards for federal facilities").

Character stroke thickness of the uppercase letter "I" shall be 15% maximum of the height of the character.

Character spacing to be 1/8" minimum and four times the character stroke width maximum.

Line spacing to be 135% minimum and 170% maximum of the letter height.

Characters shall be separated from raised borders and decorative elements by 3/8" minimum

Characters shall be raised 1/32" minimum above their background.

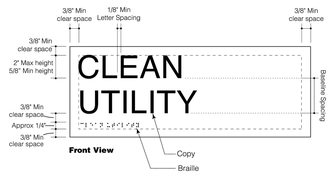
Characters to be used shall be selected from styles where the width of the uppercase letter "O" is 55% minimum and 110% maximum based on the height of the uppercase letter "I".

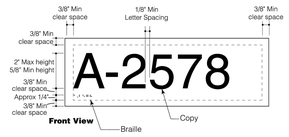
Pictograms
Pictograms shall have a field height of 6". Characters and Braille shall not be located within the pictogram field. Pictogram text descriptions to be located directly below the pictogram field.

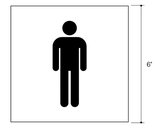
Finish & Contrast
Characters and their background to have a non-glare finish. Characters shall contrast with their background with either light lettering on a dark background or dark letters on a light background.

General
Where both visual and tactile characters are required, either one sign with both visual and tactile lettering or two separate signs, one with visual, one with tactile lettering shall be provided.

Raised letters to be read by touch should not have sharp or abrasive edges.







ADA — Design Elements

Architectural Barriers Act Tactile Sign Specification

Braille
Shall be contracted, (Grade 2).

See measurements shown at right.

Braille dots shall have a domed or rounded shape.

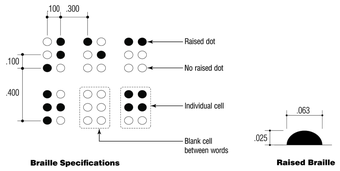
The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, Individual letters of the alphabet, initials, and acronyms.

Braille shall be positioned below the corresponding text. If text is multi-lined, Braille shall be placed below the entire text. Braille shall be separated 3/8" minimum from any other tactile letters and 3/8" from raised borders.

Exception
Braille provided on elevator car controls shall be separated by 3/16" minimum and shall be located either directly below or adjacent to the corresponding raised letters and symbols.

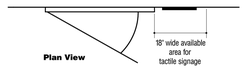
Location
Where a tactile sign is provided at a door the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf the sign shall be located on the inactive leaf. With two active leafs the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing Tactile characters shall be located so that a clear floor space 18" minimum by 18" minimum centered on the Tactile characters is proposed beyond the arc of any door swing between the closed position and 40 degrees open position.

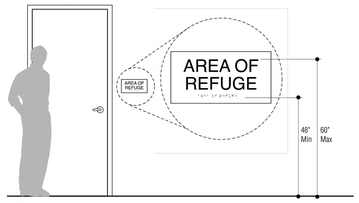
Tactile lettering on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.



Braille Specifications

Raised Braille





Elevation

ADA — Design Elements

Arcitectural Barriers Act Requirements

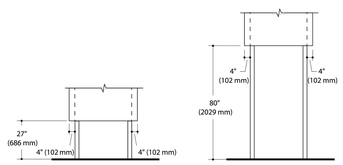
Cane Sweep
Objects with leading edges more than 27 inches (686 mm) and not more than 80 inches (2129 mm) above the finish floor or ground may protrude 4 inches (102 mm) maximum horizontally into the circulation path.

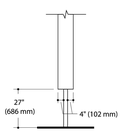
EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (114 mm) maximum.

Protrusion Limits
When a cane is used and the element is in the detectable range, it gives a person sufficient time to detect the element with the cane before there is body contact. Elements located on circulation paths, including operable elements, must comply with requirements for protruding objects. For example, awnings and their supporting structures cannot reduce the minimum required vertical clearance. Similarly, casement windows, when open, cannot encroach more than 4 inches (102 mm) into circulation paths above 27 inches (686 mm).

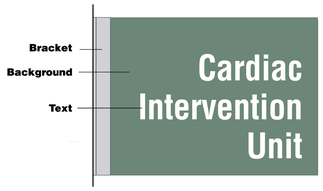
Post Mounted Protruding Objects
Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (686 mm) minimum and 80 inches (2129 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (686 mm) maximum or 80 inches (2129 mm) minimum above the finish floor or ground.

EXCEPTION: The sloping portions of handrails serving stairs and ramps shall not be required to comply.





Colors — Design Elements



Components — Design Elements

Interior Sign Background Colors

	Color Description	Color #	Color	Pantone #	Recommended Text Color to use
Interior Background Colors	Red (OSHA)	B3		1797U	T1 T4
	Dark Brown	B5		497U	T1
	Black	B6		Black U	T1
	White	B7			T4 T5 T6 T8
	Yellow (OSHA)	B8		108U	T4 T5 T7
	Graphite	B9		419U	T1
	Gray	B10		401U	T4 T5
	Putty	B11		Warm Gray 3U	T4 T5
	Dark Blue	B12		295U	T1
	Burgundy	B13		195U	T1
	Teal	B14		3165U	T1
	Dark Green	B15		3302U	T1
	Brick	B16		1955U	T1
	Blue Gray	B17		5415U	T1 T6
	Antique White	B18		Warm Gray 1U	T4 T5
	Forest Green	B19		342U	T1 T2 T3
	Adobe	B20		479U	T1 T2 T3
	Sage Green	B21		5625U	T1 T2 T3
	Taupe	B22		4735U	T1 T4 T5
	Light Green	B23		5503U	T1 T4 T5
	Light Blue	B24		537U	T1 T4 T5
	Mauve	B25		7513U	T4 T5
End Caps Brackets Stanchions	Dark Bronze Anodized 313	P1			
	Clear Anodized Aluminum	P2			
	Black	P4		Black U	
Accent	Polished Aluminum	A1			
	Satin Aluminum	A2			

Metric — Design Elements

Metric
The metric system is the preferred system of measurement in accordance with the Metric Conversion Act of 1975, PL 94-168, as amended by Section 5164 of Omnibus Trade and Competitiveness Act of 1988, and Executive Order 12770.

In accord with the Department of Veteran Affairs metric conversion plan, the sign system is preferably to be constructed in metric, however, the English system can be used on VA projects, if it meets the needs of a specific facility. The use of metric should not add cost to a project and "off the shelf" metric sign systems are preferred.

The VA does not intend to impose rigid metric conversions on the sign industry and will support sign manufacturers as their industry converts to the metric standard.

For assistance in transition to metric, the drawings with dimensions should be prepared showing direct metric English conversion. While typography is generally referred to in the graphic industry by point sizes and the sign industry in inches, the VA sign program is showing text layouts developed in inches and then directly converted to metric. It is preferred, however, that metric dimensions be rounded up to the nearest 1 mm up to 1 inch; 5 mm up to 4 inches; and, above 4 inches rounded down to the nearest 25 mm.

The adjacent conversion chart should provide assistance in determining conversions from inches to millimeters.

For further information on the conversion to metric, contact the Department of Veteran Affairs, Office of Construction & Facilities Management.

Inches	Nearest 1 mm (1/25")	Nearest 5 mm (1/5")	Nearest 5 mm (1/2")	1"= 25mm EXACTLY
1/32"	1			
1/16"	2			
3/32"	2			
1/8"	3			
3/16"	5			
1/4"	6			
5/16"	8			
3/8"	10			
7/16"	11			
1/2"	13			
9/16"	14			
5/8"	16			
3/4"	19			
7/8"	22			
1"	25	25		
1 1/4"	32	30		
1 1/2"	38	40		
1 3/4"	44	45		
2"	51	50		
2 1/4"	57	55		
2 1/2"	64	65		
2 3/4"	70	70		
3"	76	75		
3 1/4"	83	85		
3 1/2"	89	90		
3 3/4"	95	95		
4"	102	100	100	100
5"	127	125	130	125
6"	152	150	150	150
7"	178	180	180	175
8"	203	205	200	200
9"	229	230	230	225
10"	254	255	250	250
11"	279	280	280	275
1'-0"	305	305	300	300
2'-0"	610	610	610	600
3'-0"		915	910	900
4'-0"		1220	1220	1200
5'-0"		1525	1520	1500
6'-0"		1830	1830	1800
7'-0"		2135	2130	2100
8'-0"		2440	2440	2400
9'-0"		2745	2740	2700
10'-0"		3050	3050	3000
15'-0"		4570	4570	4500
20'-0"		6095	6100	6000

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Drawing Title: SIGN TYPE DETAILS	Project Title: VA MTZ B19 OPC INTERIORS PHASE 2		Project Number: 612-12-281FCA
			Building Number: 19
Approved: Project Director	Location: VANCHCS, MARTINEZ CAMPUS, 150 MUIR RD., MARTINEZ, CA 94553		Drawing Number: AG9.21
	Date: 03.10.2014	Checked: JP / Drawn: JD	Dwg. 5 of 8

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

IN-02.07 Mandatory Policy Signs

Patient Rights and Responsibilities

Size
Display Window:
Minimum size to fit graphic insert:
914 mm H x 610 mm W
(36" H x 24" W)

Frame Size / Outer Dimensions:
to vary.

Description
Non-illuminated enclosed display case / frame to accommodate foam core mounted paper print behind glass or acrylic.

Options to include:
Swing frame (frame/case with hinged glass door) or front loading snap/clip frame.

Sign Components
Non-illuminated

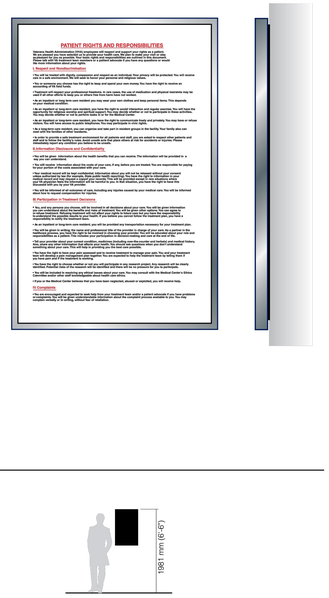
Graphic Process
VA provided poster

Colors
Finish and colors: To match or complement any existing or designated color and material palette.

Mounting
Wall mounted with bolts into heavy duty wall anchors.

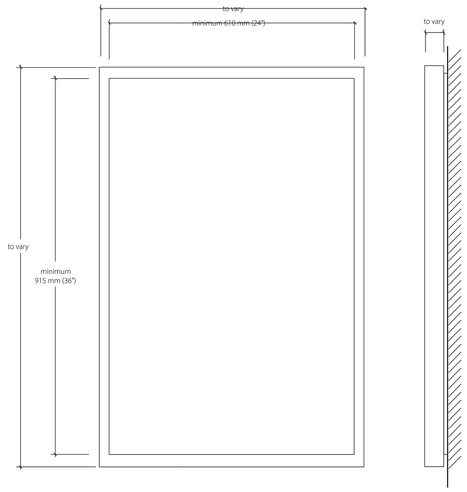
Installation
It is recommended that this sign be placed at building entrances or in lobbies.

Position display so visitors have a clear, unobstructed view of the sign.



IN-02.07 Mandatory Policy Signs

Patient Rights and Responsibilities



IN-02.08 Mandatory Policy Signs

Policies and Directives

Size
Display Window:
Minimum size to fit graphic insert:
610 mm H x 457 mm W
(24" H x 18" W)

Frame Size / Outer Dimensions:
to vary

Description
Non-illuminated enclosed display case / frame to accommodate foam core mounted paper print behind glass or acrylic.

Options to include:
Swing frame (frame/case with hinged glass door) or front loading snap/clip frame.

Sign Components
Non-illuminated

Graphic Process
VA provided poster

Colors
Finish and Colors: To match or complement any existing or designated color and material palette.

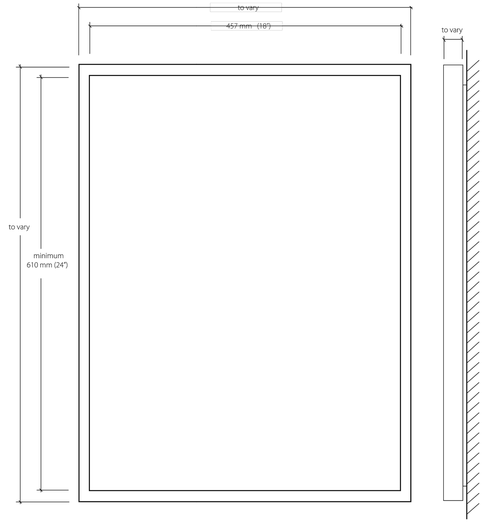
Mounting
Wall mounted with bolts into heavy duty wall anchors.

Installation
It is recommended that this sign be placed at building entrances or in lobbies.

Position display so visitors have a clear, unobstructed view of the sign.

IN-02.08 Mandatory Policy Signs

Policies and Directives



IN-04.01 Interior Signs

Primary Room Identification

Size
229 mm H x 229 mm W
(9" H x 9" W)

Description and Use
This sign has tactile number and Braille on the top sign component. The sign is to identify the occupant or activity within a room.

Message Configuration
(Refer to layout drawing for lettering sizes and dimensions) Layout A is suggested for department identification. Layout B for rooms and departments with long words or names. Layout C for rooms with a common name but need specific identification.

Sign Components
Vary by sign family, sliding rail component systems, curved and flat. Top section raised text and Braille. Lower section can be digital print, ,silkscreen or vinyl applied graphics.

Graphic Process
Tactile raised text and Braille on top section. Surface applied vinyl or insert in lower sign section.

Colors
Text: refer to color chart.
Background: refer to color chart

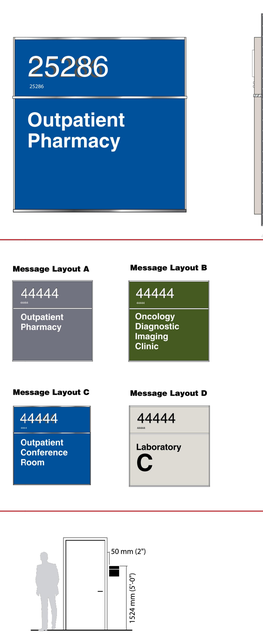
Typography
Helvetica Bold
Grade 2 Braille

Mounting
Double sided foam tape, silastic adhesive or screw.

Installation
Knob side of door, 1524 mm (60") to top of sign and 50 mm (2") over from door frame.

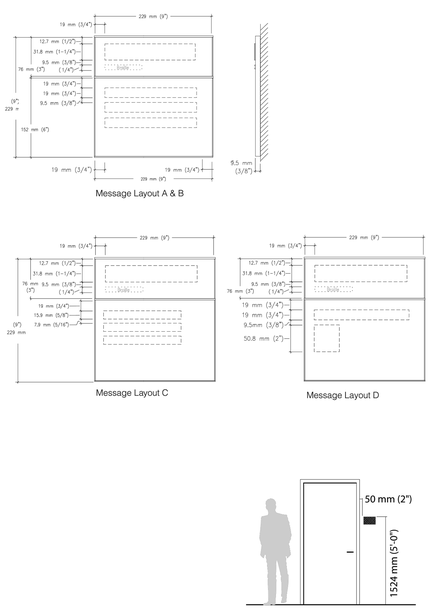
Recommendations
It is recommended that this particular sign type become the "building standard" for identification of all rooms.

Signs identifying electrical closets, mechanical rooms and telecommunication rooms should consist of only the room number (Sign type IN-03.01). The room number should follow the master building room numbering system. No descriptive name or title should be used nor should they have a unique number system.



IN-04.01 Interior Signs

Primary Room Identification



IN-04.02 Interior Signs

Secondary Room Identification

Sign Size
152 mm H x 229 mm W
(6" H x 9" W)

Description and Use
This sign always has a tactile number and Braille in its top sign component. This sign is used to identify secondary rooms or rooms that have short names.

Message Configuration
(Refer to layout drawing for lettering sizes and dimensions) Layout A is suggested for short titles. Layout B and C is for longer names or titles. Layout D is specific identification by number or letter.

Sign Components
Vary by sign family, sliding rail component systems, curved and flat. Top section raised text and Braille. Lower section can be digital print, silkscreen or vinyl applied graphics.

Graphic Process
Tactile raised text and Braille on top section. Surface applied vinyl, silkscreen or digital print in lower sign section.

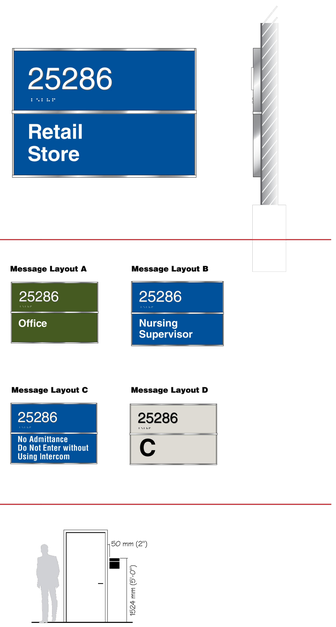
Colors
Text: refer to color chart.
Background: refer to color chart

Typography
Helvetica Bold
Grade 2 Braille

Mounting
Double sided foam tape, silastic adhesive or screw.

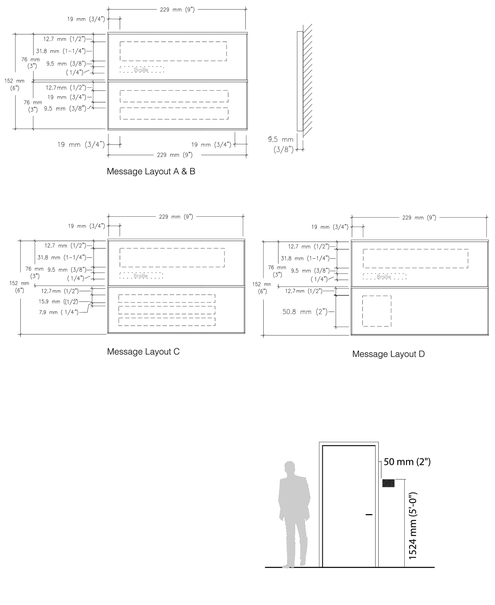
Installation
Knob side of door, 1524 mm (60") to top of sign and 50 mm (2") over from door frame.

Recommendations
This sign is for rooms that do not require long or large text.



IN-04.02 Interior Signs

Secondary Room Identification



For Additional Information Please See the VA Sign Standards Guide at - http://downloads.va.gov/files/CFM-TIL/signs/

FINAL BID DOCUMENTS FOR PRIMARY CARE AND BLOOD DRAW

Revisions:	Date

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Drawing Title	SIGN TYPE DETAILS
Approved: Project Director	
Project Title	VA MTZ B19 OPC INTERIORS PHASE 2
Location	VANCHCS, MARTINEZ CAMPUS 150 MUIR RD., MARTINEZ, CA 94553
Date	03.10.2014
Checked	JP
Drawn	JD
Project Number	612-12-281FCA
Building Number	19
Drawing Number	AG9.31
Dwg.	6 of 8

Office of Construction and Facilities Management

Department of Veterans Affairs

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VA FORM 08-6231

IN-17.04 Directories

Large Strip Directory with Map

Size
914 mm H x 1524 mm W
(3'-0" H x 5'-0" W)

Description and Use
Main lobby directory with 90 directory strips and a map of the building.

Message Configuration
(Refer to layout drawing for lettering sizes and dimensions)

Header Layout A is for a basic directory header. Header Layout B is for a directory header to contain the name of the facility. Copy Strip A is for use with the main listings. Copy Strip B is for a secondary listing under a main listing or when the name is too long to fit on Strip A.

Sign Components
Sliding rail back; copy panel; top accent bar; end caps

Graphic Process
Surface applied vinyl

Colors
Text: Refer to color chart.
Background and accent bar: Refer to color chart

Typography
Helvetica Bold

Mounting
Mechanical fastener

Installation
Wall mounted

Recommendations
This directory is for use in the main lobby of small buildings which would typically have no more than 60 to 80 listings. All listings in a directory should be done in alphabetical order. List in the directory only services or departments which have contact with patients and the public. Distribute any blank directory strips throughout the directory to provide spacing between groups of listings.

Maps should be simple and show the corridor system, major departments and locations of elevators. If a building has multiple floors, then all floors should be shown. Orient floor plans to represent the building in the same direction as the map is being viewed.

Header (Message Layout A)

Directory

Header (Message Layout B)

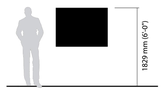
Directory
VA Medical Center Regional Milwaukee

Map

Copy Strip A
Title 1A74

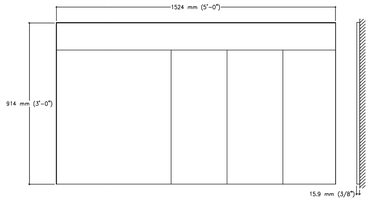
Copy Strip B
Subtitle 1B48

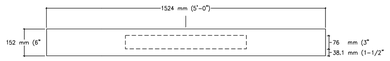
Copy Strip C
Sub-Subtitle 1C49



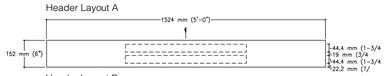
IN-17.04 Directories

Large Strip Directory with Map

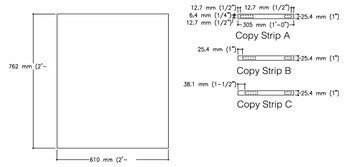




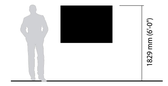
Header Layout A



Header Layout B



Map



IN-19.01-.03 Interior Signs

Dimensional Letters

Size
IN-19.01
76 mm H x 10 mm D
(3" H x 3/8" D)

IN-19.02
102 mm H x 10 mm D
(4" H x 3/8" D)

IN-19.03
152 mm H x 10 mm D
(6" H x 3/8" D)

Description and Use
Identification of information counters, major departments or services.

Message Configuration
(Refer to layout drawing for lettering sizes and dimensions).

Sign Components
Painted acrylic

Graphic Process
Cut out acrylic dimensional letters.

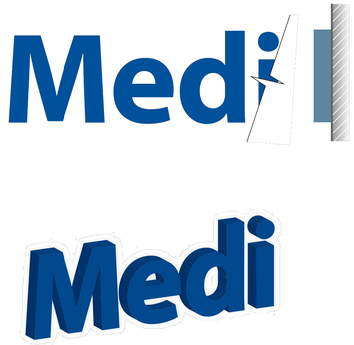
Colors
Text: refer to color chart
Color should have a high contrast with surrounding wall color and surface.

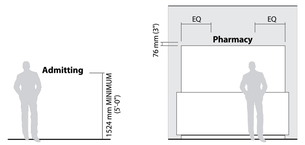
Typography
Helvetica Bold

Mounting
Silastic adhesive and studs.

Installation
On walls or soffits.

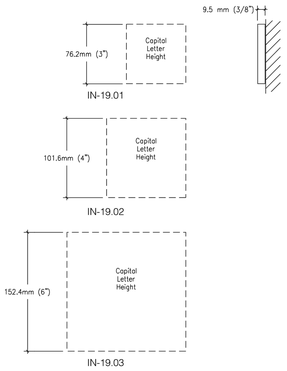
Recommendations
Dimensional letters provide high impact, high visibility and formal identification. Do not use for departments or services that have frequent relocation's or name changes. Suggested typical uses would be for Information, Check In, Canteen, Pharmacy, etc.

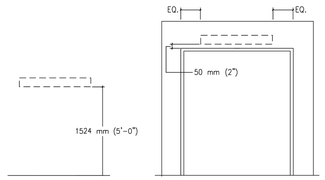




IN-19.01-.03 Interior Signs

Dimensional Letters





Construction Interior Signs

Sliding Rail Component System

Sliding Rail Component systems use various interlocking elements which, when assembled, create a sign. The sign is framed with sides, top and bottom extrusions with sign panels secured to a back rail. The width and height of the frame varies with each sign type.

A benefit of the component system is that it provides flexibility and simplicity in maintaining and adapting signs to ever changing needs. Components from one sign can be interchanged with components from another sign quickly and easily. Existing signs can be added to or modified to perform another function.

Changing directional signs is simple. Adding new text and arrows and rearranging messages is always possible.

Assembled Sign

Installation Interior Signs

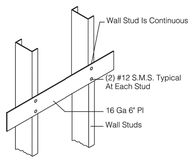
Interior wall bracing for heavy signs, directories and cast plaques.

Stud Backing Plate A
1. Maximum Weight- 25 lbs. point load. If sign load exceeds this use Stud Backing Plate B.
2. Attach plates to 3 studs minimum.
3. Verify length, height, location and number required.
4. Use #12 Self Tapping Screws when attaching items to backing, U.O.N.

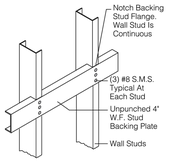
Stud Backing Plate B
1. Maximum Weight- 50 lbs. point load. If sign load exceeds this use Stud Backing Plate C.
2. Attach plates to 3 studs minimum.
3. Verify length, height, location and number required.
4. Use double stud when stud is supporting more than 2 backing plates

Stud Backing Plate C
1. Maximum Weight- 200 lbs./ft.
2. Attach plates to 3 studs minimum.
3. Verify length, height, location and number required.
4. Use double stud when stud is supporting more than 2 backing plates.

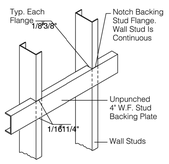
Stud Backing Plate D
1. Maximum Weight- 300 lbs. point load.
2. Attach plates to 3 studs minimum.
3. Verify length, height, location and number required.



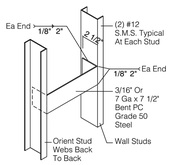
Stud Backing Plate A



Stud Backing Plate B



Stud Backing Plate C

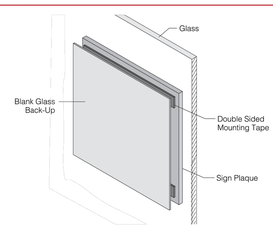


Stud Backing Plate D

Glass Back Up
Certain signs may require installation on glass because there is no available wall surface.

When this situation occurs, a blank glass back up is required on the opposite side of glass exactly behind sign being installed.

This blank opaque glass back up is to be the same size and color as the sign being installed to effectively cover and hide the mounting of the sign to the glass.



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FINAL BID DOCUMENTS FOR PRIMARY CARE AND BLOOD DRAW

Revisions: Date

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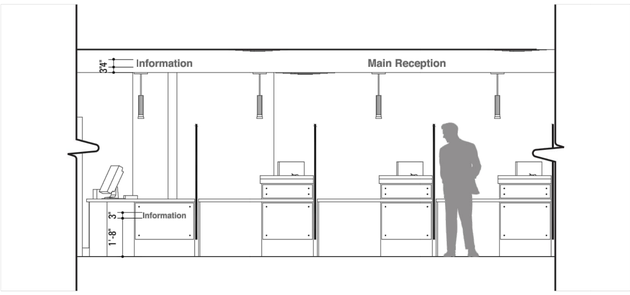
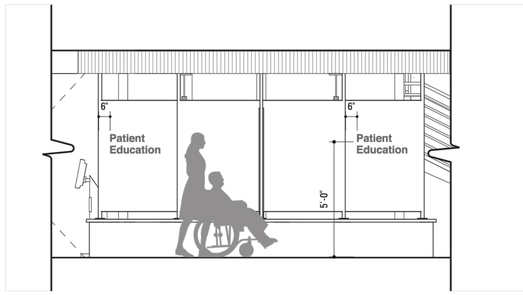
Drawing Title	SIGN TYPE & INSTALLATION DETAILS
Approved: Project Director	
Project Title	VA MTZ B19 OPC INTERIORS PHASE 2
Location	VANCHCS, MARTINEZ CAMPUS 150 MUIR RD., MARTINEZ, CA 94553
Date	03.10.2014
Checked	JP
Drawn	JD
Project Number	612-12-281FCA
Building Number	19
Drawing Number	AG9.41
Dwg. 7 of 8	

Office of Construction and Facilities Management
Department of Veterans Affairs

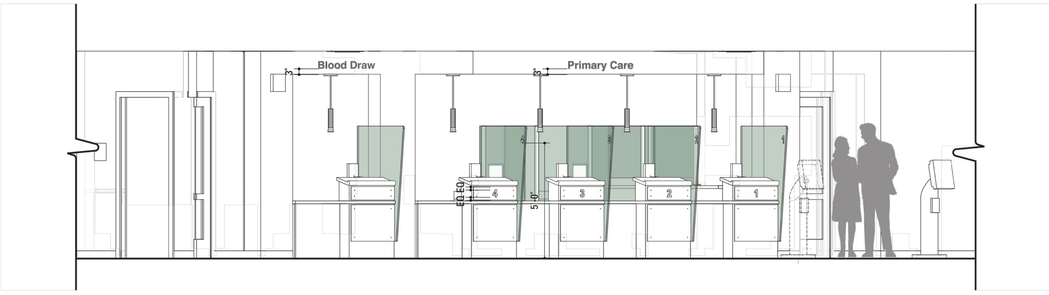
VA FORM 08-6231



1 **Elevation: Sign Types IN-19.01 and IN-19.02 /** Dimensional Letters in Main Lobby
Scale: 3/8″=1′-0″



2 **Elevation: Sign Type IN-19.02 /** Dimensional Letters in Main Lobby at Patient Education
Scale: 3/8″=1′-0″



3 **Elevation: Sign Type IN-19.02 /** Dimensional Letters in Primary Care
Scale: 3/8″=1′-0″

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Drawing Title: SIGN TYPE DETAILS	Project Title: VA MTZ B19 OPC INTERIORS PHASE 2	Project Number: 612-12-281FCA	Office of Construction and Facilities Management
Approved: Project Director	Location: VANCHCS, MARTINEZ CAMPUS 150 MUIR RD., MARTINEZ, CA 94553	Building Number: 19	
	Date: 03.10.2014 / Checked: JP / Drawn: JD	Drawing Number: AG9.51	Department of Veterans Affairs
		Dwg. 7 of 8	

VA FORM 08-6231