

CITY OF TUMWATER

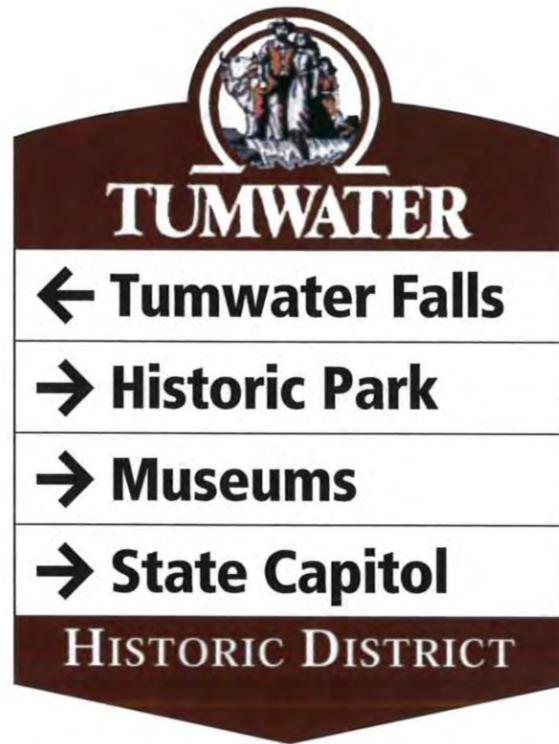
**City Wayfinding Signage
Master Plan**

100% FINAL DRAFT
11.01.08

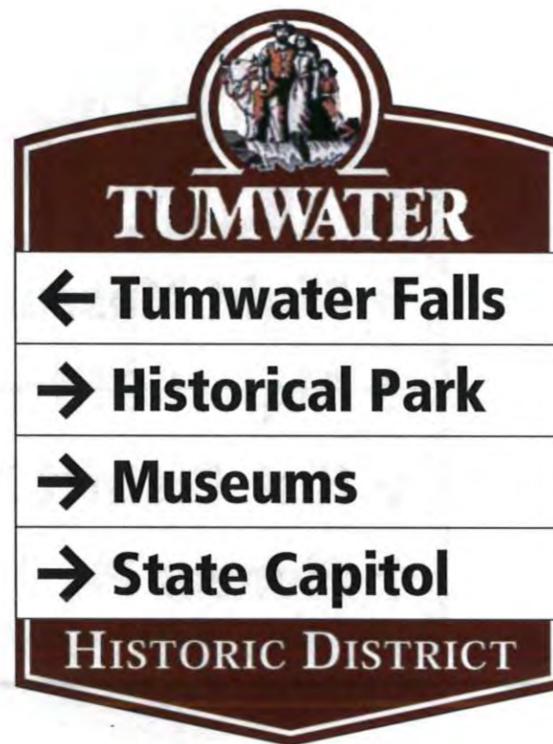
**APPROVED BY THE
CITY COUNCIL**
12.16.08

Ilium Associates, Inc.
ILIUM

0. Design Studies



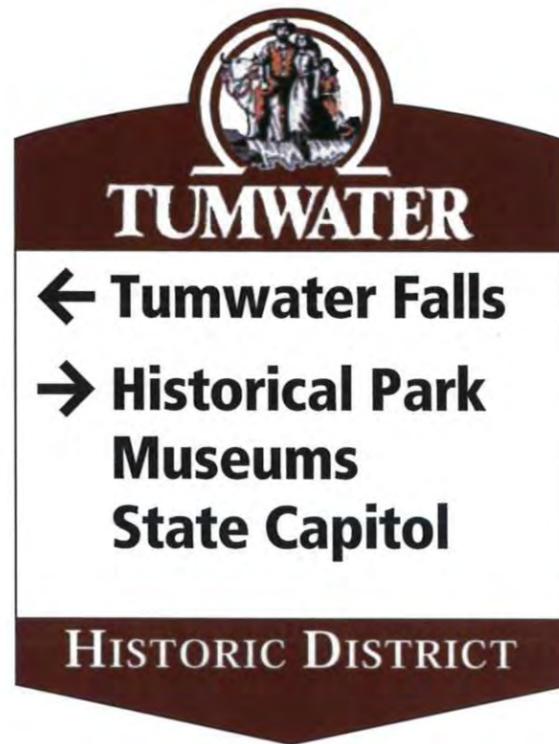
Option 1A:
Individual strips



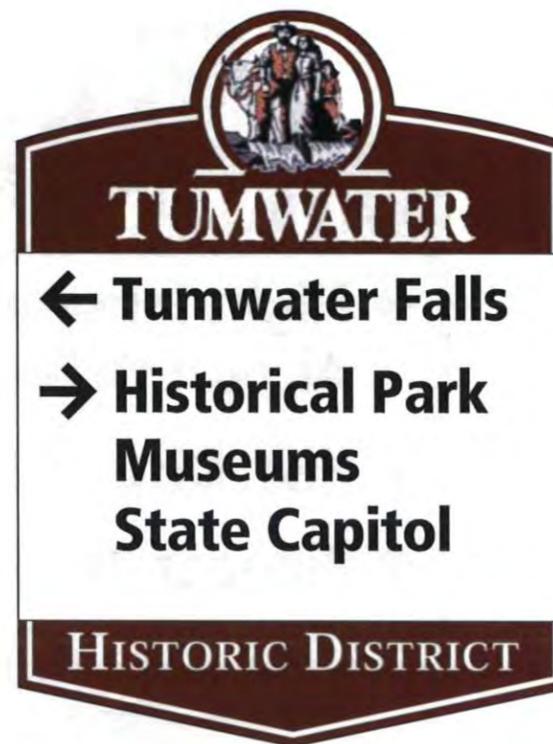
Option 1B:
Individual strips with pinstripe



Option 1C:
Individual strips with gold pinstripes



Option 2A:
1 message panel



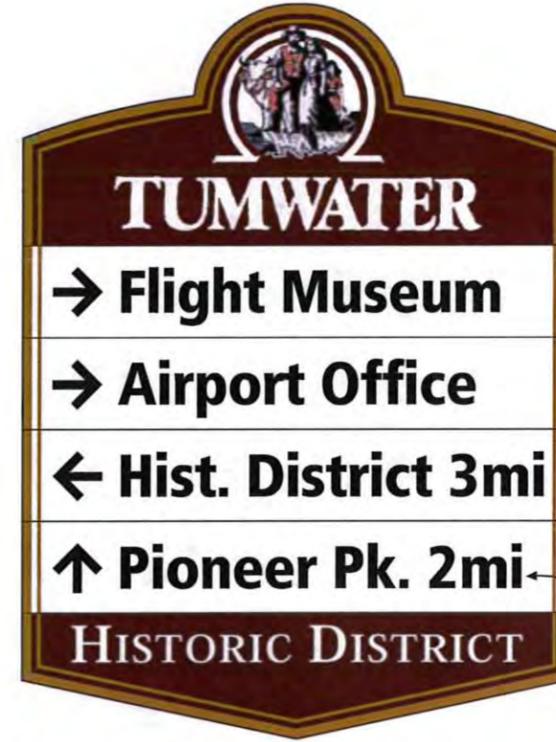
Option 2B:
1 message panel with pinstripe



Option 2C:
1 message panel with gold pinstripes



Option 1C:
Individual strips with gold pinstripes



Option 1C:
1 message panel with gold pinstripes



Option 2C:
1 message panel with gold pinstripes



Option 2C:
1 message panel with gold pinstripes

Message Layout Option A:
Destination(s) with mileage
to remain where it would
be placed within existing
signage standards.

Message Layout Option B:
Destination(s) with mileage
to be placed last, after all
other messages are listed.

Message Layout Option A:
Destination(s) with mileage
to remain where it would
be placed within existing
signage standards.

Message Layout Option B:
Destination(s) with mileage
to be placed last, after all
other messages are listed.

DRILLED HOLES TO ATTACH
SIGN FACE.



Option 1: Individual strips



Option 2: single message panel



Tumwater Blvd. Banner Program



Tumwater Blvd. Banner Program

0. Highway Signage



Existing conditions.

1 Tumwater City Exit Signage - Existing
Scale: N.T.S.



2 Tumwater City Exit Signage - Proposed additions to guide sign
Scale: N.T.S.



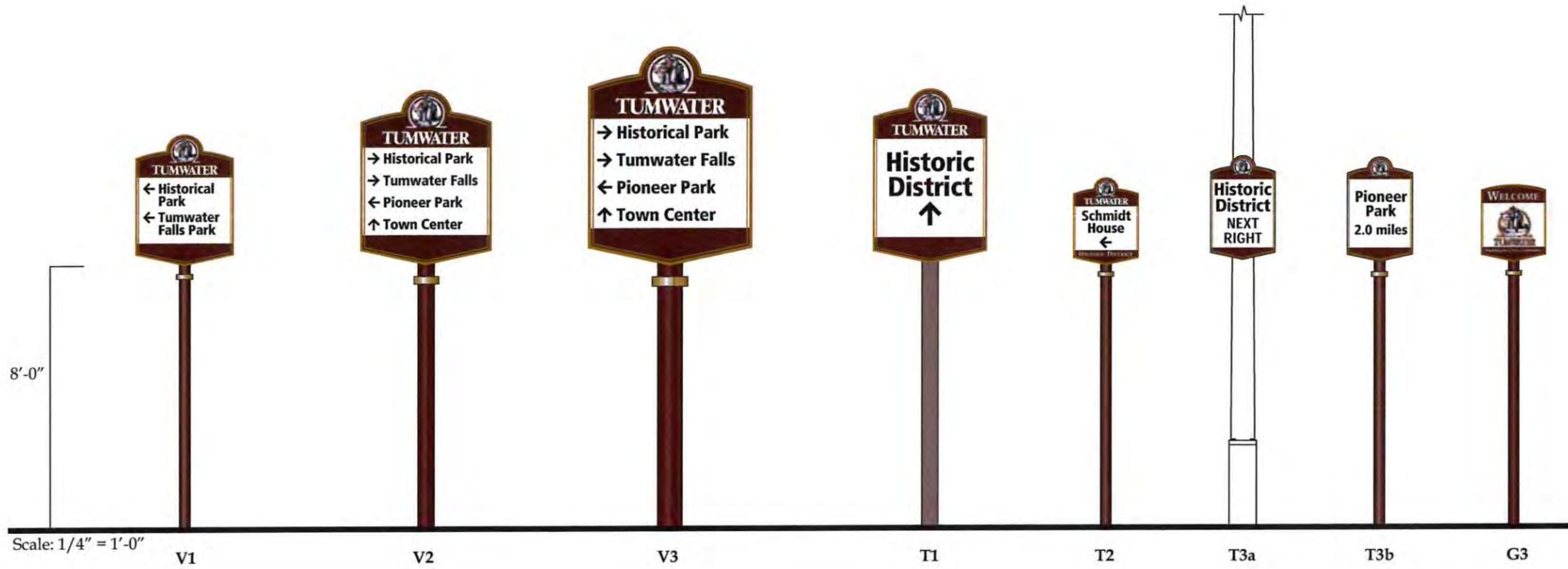
Existing conditions.

3 Tumwater City Exit 101 Signage - Existing
Scale: N.T.S.



4 Tumwater City Exit 101 Signage - Proposed addition to sign
Scale: N.T.S.

1. Sign Type Overview



SIGN TYPES

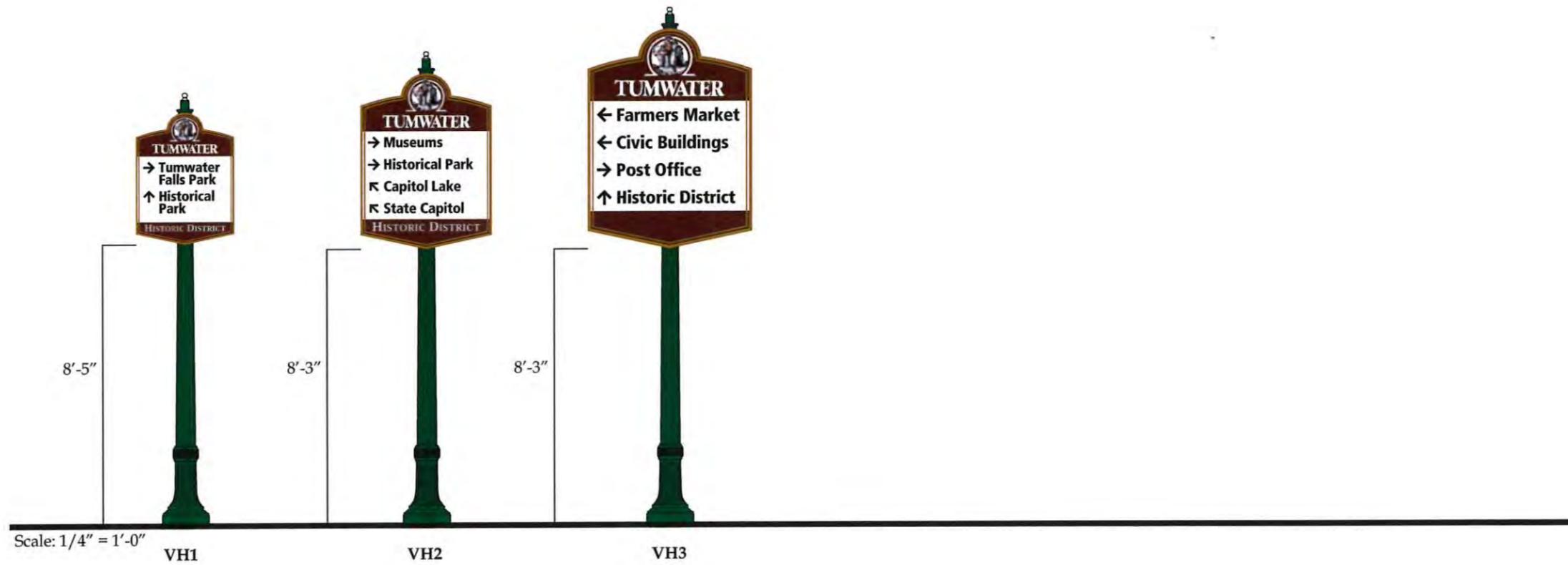
STEEL POLES
General City

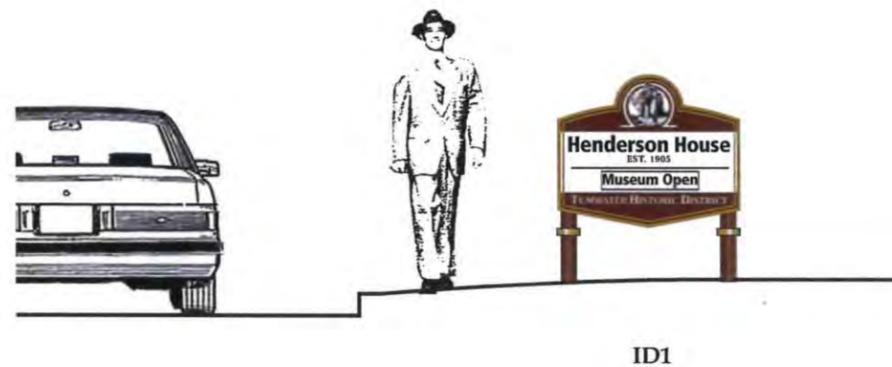
- V1: Small Vehicular Directional
- V2: Medium Vehicular Directional
- V3: Large Vehicular Directional
- T1: Freeway Trailblazer
- T2: Trailblazer
- T3a: Trailblazer - special conditions
- T3b: Trailblazer - mileage marker
- G3: City Limits

HISTORIC POLES

Historic District & Town Center

- V1H: Small Vehicular Directional
- V2H: Medium Vehicular Directional
- V3H: Large Vehicular Directional





SIGN TYPES

B1
 Vehicular Banners
 Historic Post Conditions

OPTIONAL SIGN TYPE

STEEL POLES
 ID1: Destination Marker

2. Graphic Standards

PRIMARY TYPEFACE

Historical Park

abcdefghijklmnopqrstuvwxy

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Frutiger Condensed Black 77

SECONDARY TYPEFACE

HISTORIC DISTRICT

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Goudy Extra Bold

TERTIARY TYPEFACE

SECOND RIGHT

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Clearview Hwy 2-B

SPECIAL NOTES

1. All Fonts to be Adobe Postscript or approved equal.
2. Letter form should never be altered. Never extend of condense letters.

Frutiger Condensed Black 77

Correct letter form

Historical

Extended letter form

~~**Historical**~~

Extended letter form

~~**Historical**~~

Goudy Extra Bold

Correct letter form

HISTORIC

Extended letter form

~~**HISTORIC**~~

Extended letter form

~~**HISTORIC**~~

Helvetica Condensed Bold

Correct letter form

SECOND

Extended letter form

~~**SECOND**~~

Extended letter form

~~**SECOND**~~

Frutiger Condensed Black 77

CORRECT LETTER AND WORD SPACING

Historical Park

INCORRECT LETTER AND WORD SPACING

Historical Park

Letter Spacing Too Tight

Historical Park

Letter Spacing Too Wide

Historical Park

Word Spacing Too Wide

Goudy Extra Bold

CORRECT LETTER AND WORD SPACING

HISTORIC DISTRICT

INCORRECT LETTER AND WORD SPACING

HISTORIC

Letter Spacing Too Tight

HISTORIC

Letter Spacing Too Wide

HISTORIC

Letter Spacing Too Inconsistent

Clearview Hwy 2-B

CORRECT LETTER AND WORD SPACING

LEFT LANE

INCORRECT LETTER AND WORD SPACING

LEFT LANE

Letter Spacing Too Tight

LEFT LANE

Letter Spacing Too Wide

LEFT LANE

Word Spacing Too Wide

SPECIAL NOTES

The space between each letter and word should always appear proportionally even. The letters and words should never appear to have uneven spacing. Custom kerning may be necessary to achieve visually consistent spacing.

The space between each line should always be even and consistent. Where message consists of two character sizes, line spacing between different sizes is based on larger character.

APOSTROPHE USE

Sometimes the foot mark is mistaken for an apostrophe and an inch mark is mistaken for quotations. Below are examples of correct and incorrect apostrophes for each typeface.

Frutiger Condensed Black 77

✓ Correct apostrophe
Pioneer's

✗ Incorrect apostrophe
Pioneer's

Goudy Extra Bold

✓ Correct apostrophe
Pioneer's

✗ Incorrect apostrophe
Pioneer's

Helvetica Condensed Bold

✓ Correct apostrophe
PIONEER'S

✗ Incorrect apostrophe
PIONEER'S

Baseline Standard

1X **Historical Park**

Baseline Standard

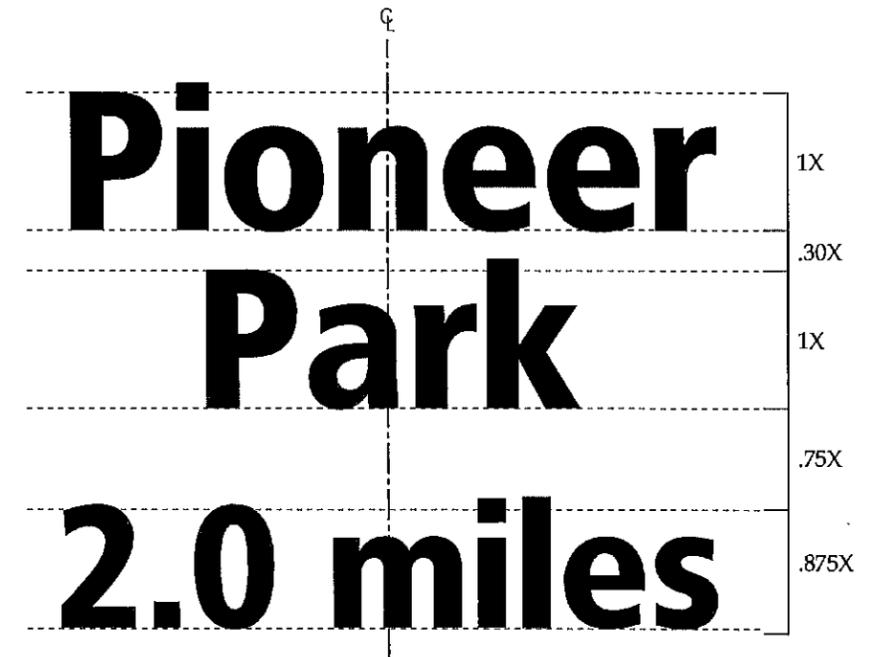
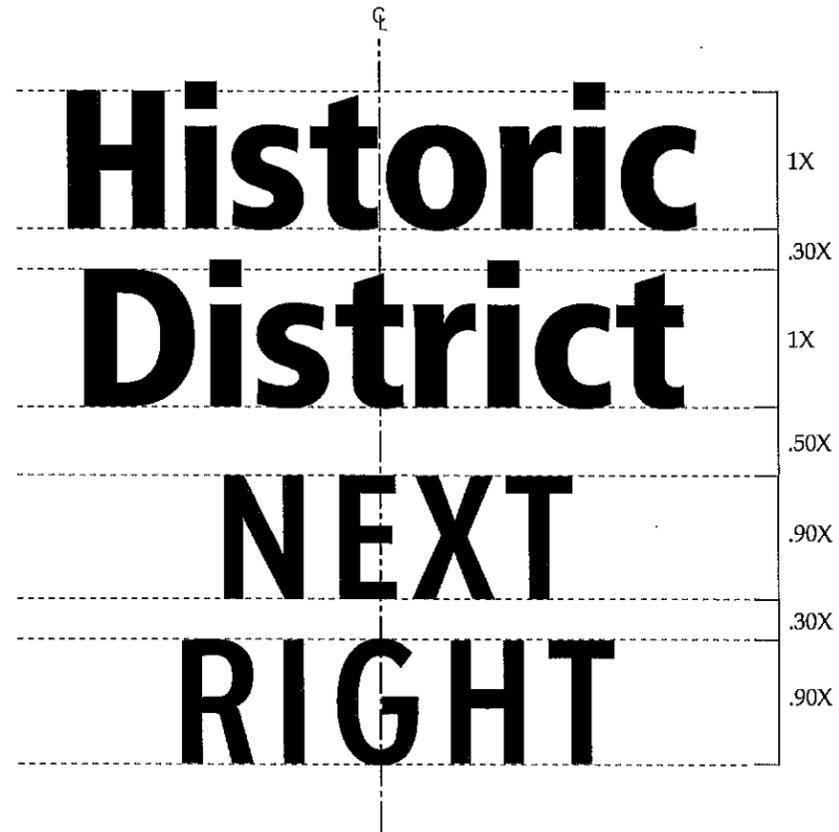
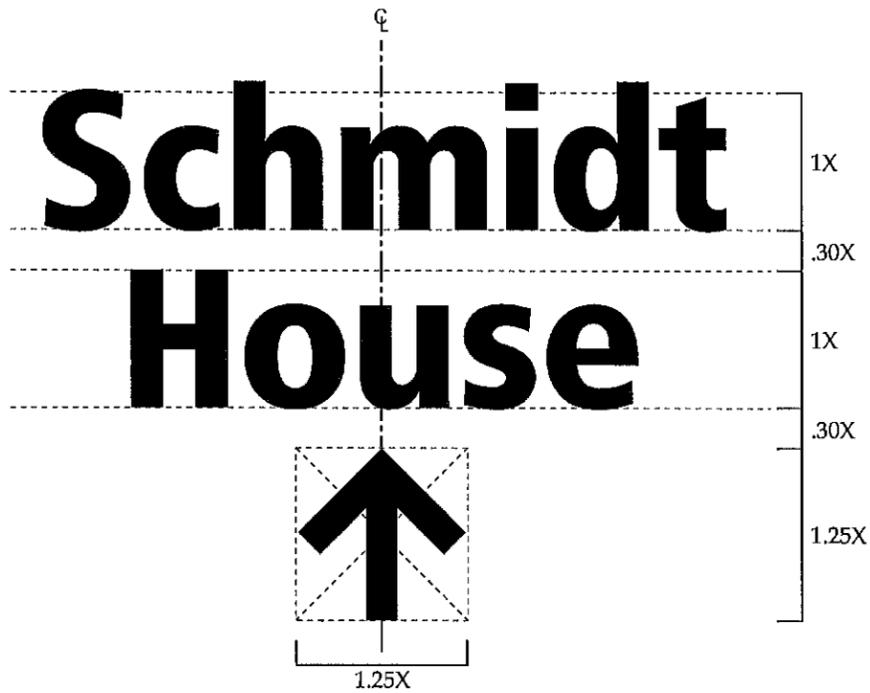
1X **HISTORIC DISTRICT** .75X

Single Line Layout

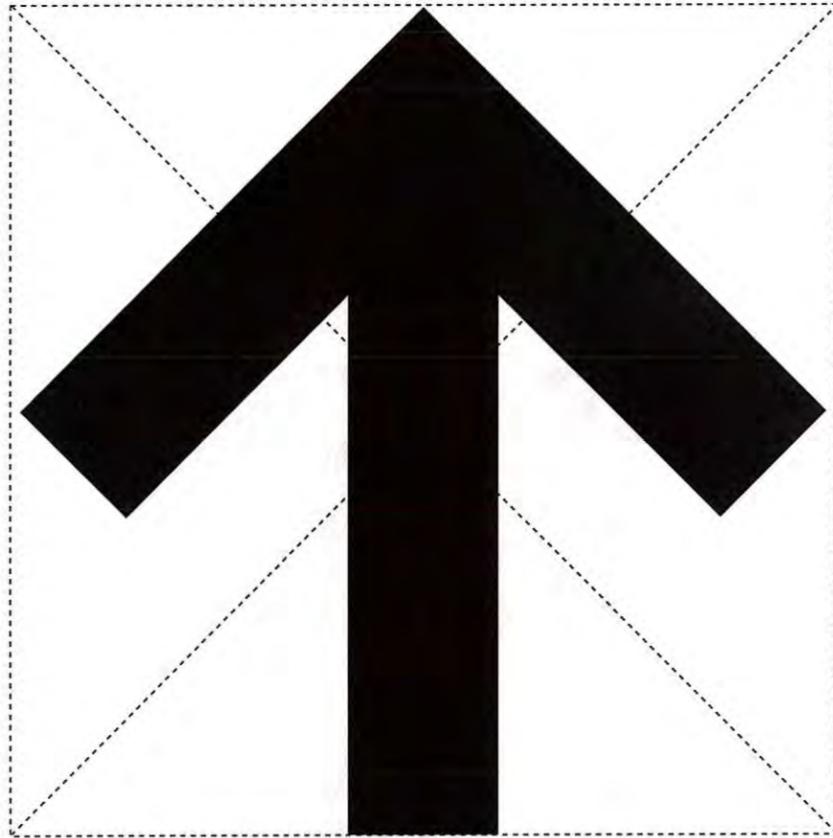
1.25X 1.25X 1.125X 1.25X .33X **↑ Airport Terminal** 1X



Trailblazer Layout



APPROVED ARROW



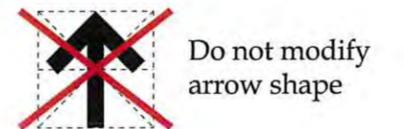
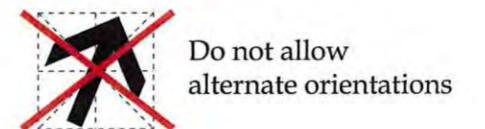
ARROW DIRECTIONS

Orientation	Vehicular Directions	Interpretation
		Up or Ahead (on low signs)
		Ahead right or Up and right
		Right
		Right and down ramp
		Ahead (on overhead signs)
		Left and down ramp
		Left
		Ahead left or Up and left

USE OF ARROWS

When multiple directions are required on a sign, the following directional hierarchy shall apply. Destinations should be listed nearest to furthest within a direction. Reference layouts for specific messages.

- Left Arrow**
- Right Arrow**
- Up Arrow**



ONE LINE PER DESTINATION

Complete Name

← Airport Offices
 ↑ Airport Terminal
 A.G. West Black Hills High School
 Black Lake
 Bush Middle School
 Capitol Lake
 City Hall
 Civic Buildings
 Crosby House Museum
 Historic District
 Historical Park
 Henderson House Museum
 Heritage Park
 Hotels
 I-5
 Lacey
 New Market Skills Center
 Old Brewhouse

Sign Width

Approved Shortened Name

← Airport Offices
 ↑ Airport Terminal
 Black Hills H.S.
 Black Lake
 Bush M.S.
 Capitol Lake
 City Hall
 Civic Buildings
 Museums
 Historic District
 Historical Park
 Museums
 Heritage Park
 Hotels
 I-5
 Lacey
 Skills Center
 Old Brewhouse

Sign Width

Complete Name

← Olympia
 ↑ Olympia Regional Airport
 Olympic Flight Museum
 Overlook Point Park
 Pioneer Park
 Post Office
 Public Parking
 Schmidt House
 Shops & Dining
 State Capitol
 State Offices
 Timberland Library
 Tumwater Area Chamber of Commerce
 Tumwater Falls Park
 Tumwater Farmers Market
 Tumwater High School
 Tumwater Middle School
 Tumwater Town Center
 Tumwater Valley Municipal Golf Club

Sign Width

Approved Shortened Name

← Olympia
 ↑ Airport
 Flight Museum
 Overlook Park
 Pioneer Park
 Post Office
 Public Parking
 Schmidt House
 Shops & Dining
 State Capitol
 State Offices
 Public Library
 Visitor Bureau
 Tumwater Falls
 Farmers Market
 Tumwater H.S.
 Tumwater M.S.
 Town Center
 Public Golf

Sign Width

SPECIAL NOTES

While it is recognized that other nomenclature may be used for internal and public purposes, the preceding is the only approved nomenclature for all wayfinding signage.

Some destinations have been shortened to accommodate safe viewing and reaction time for motorists.

COLOR		VINYL	PAINT	PANTONE MATCH
Color 1	 Tumwater Brown	3M Opaque Vinyl Russet Brown #7725-29	Matthews Paint MP13200	PMS 477
Color 2	 Tumwater Gold	3M Opaque Vinyl Harvest Gold #7725-105	Matthews Paint MP06916	PMS 131
Color 3	 Black	3M Opaque Vinyl Black #7725-12	N/A	Black
Color 4	 White	3M Reflective Vinyl White #580-10	N/A	N/A
Color 5	 Historic Green	N/A	Matthews XXXXXXXX	N/A
Color 6	 Port of Olympia Navy	N/A	N/A	PMS 282

SPECIAL NOTES

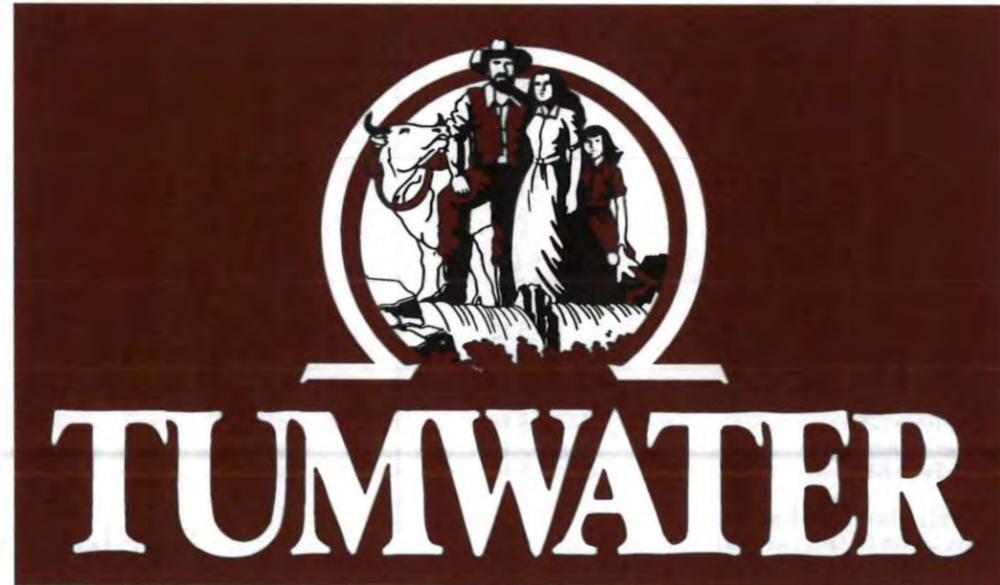
Colors must match between all phases of implementation. Colors must look exactly the same every time they are used.

UV resistant materials should be used for all possible applications.

Cover all vinyl graphic areas with 3M graffiti film.

Use manufacturer recommended clear coat protectant for all painted surfaces.

LOGO FOR USE ON WAYFINDING



SPECIAL NOTES

LOGO FOR USE ON GATEWAYS



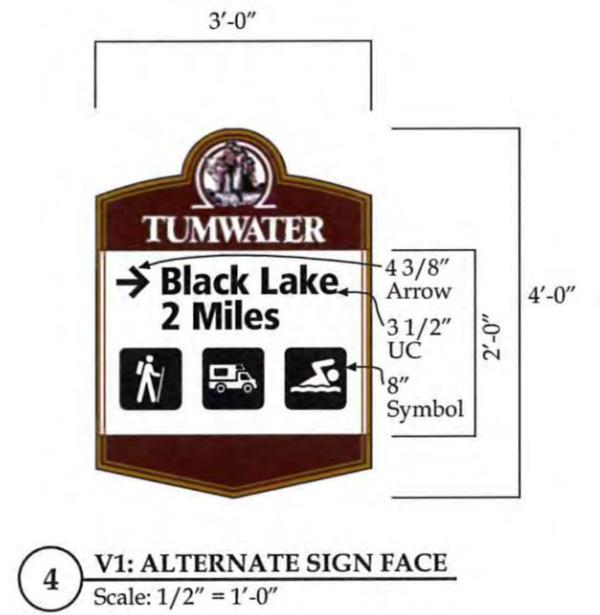
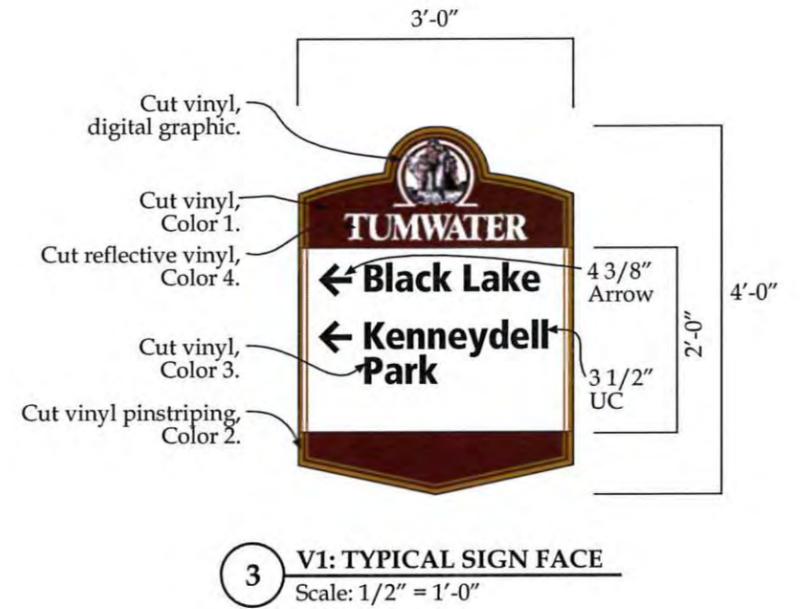
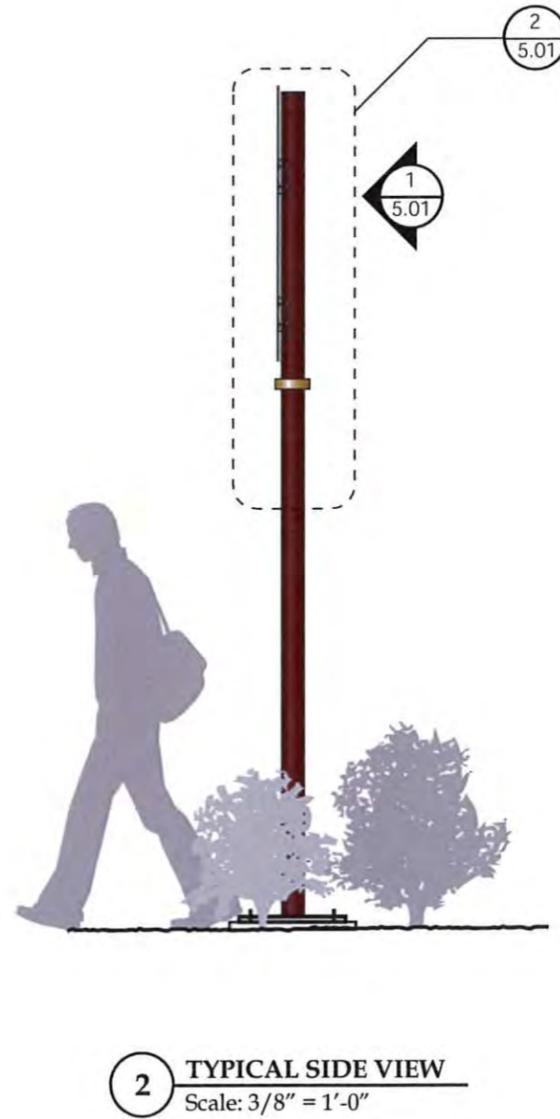
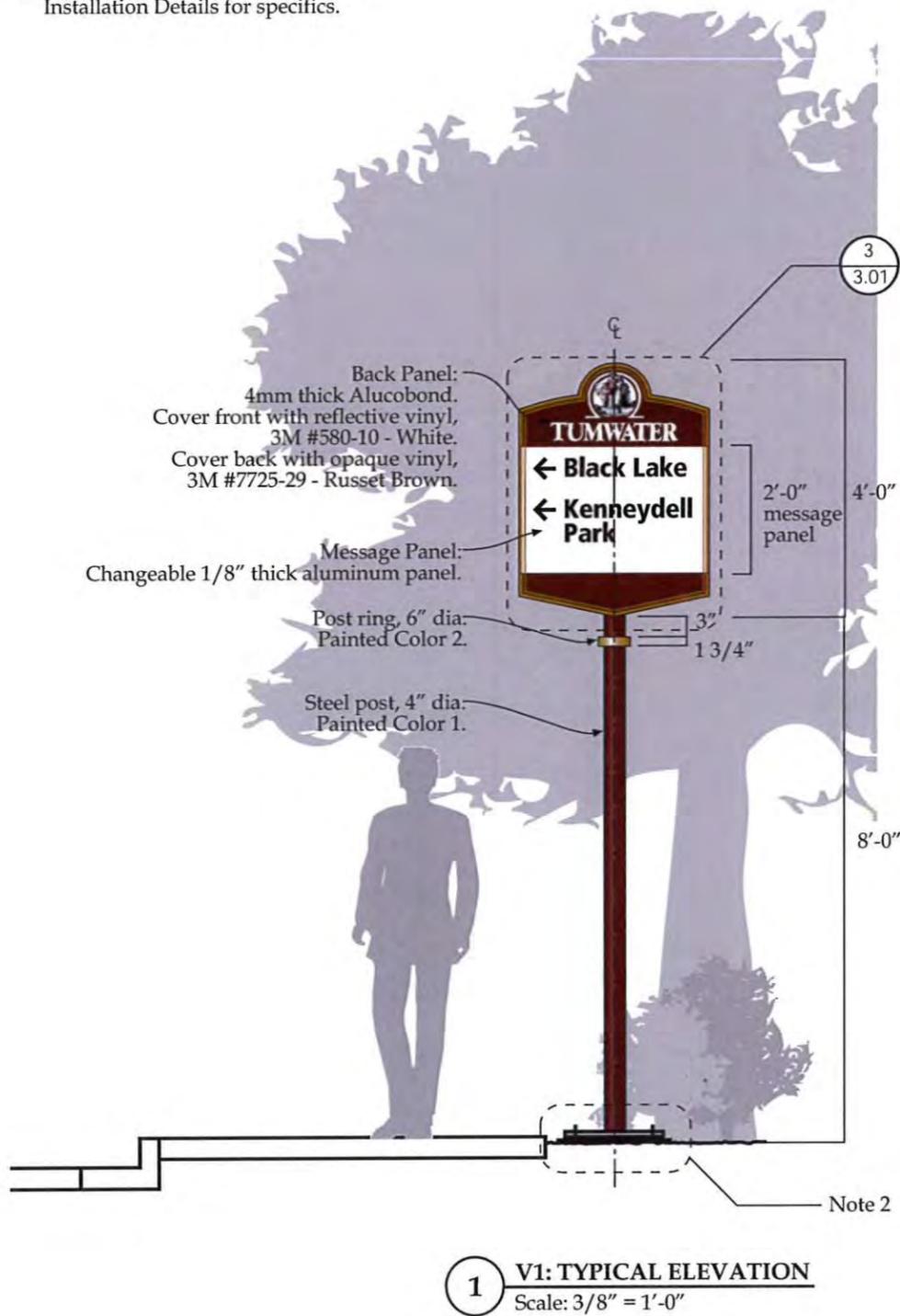
SIGNAGE DRAWINGS

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Nomenclature	2.07	General Details	5.17
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Sign Type VH1	3.02a	Installation Details (<i>sidewalk w/ planter strip</i>)	6.02
Sign Type VH1	3.02b	Installation Details (<i>no sidewalk</i>)	6.03
Sign Type V2	3.03	Installation Details	6.04
Sign Type VH2	3.04a		
Sign Type VH2	3.04b	7. Sign Location Plans	
Sign Type V3	3.05	Sign Location Plan (<i>Historic District</i>)	7.01
Sign Type VH3	3.06a	Sign Location Plan (<i>Citywide</i>)	7.02
Sign Type VH3	3.06b	Sign Location Plan (<i>Town Center</i>)	7.03
Sign Type T1	3.07	Sign Location Plan (<i>Tumwater Blvd.</i>)	7.04
Sign Type T2	3.08	Sign Location Plan (<i>City Limits</i>)	7.05
Sign Type T3a	3.09a		
Sign Type T3b	3.09b		
Sign Type G3	3.10		
Sign Type ID1	3.11		
Sign Type B1	3.12		
4. Sign Phases			
Phases	4.01		
Phase 1	4.02		
Phase 2	4.14		
Phase 3	4.29		
Phase 4	4.39		

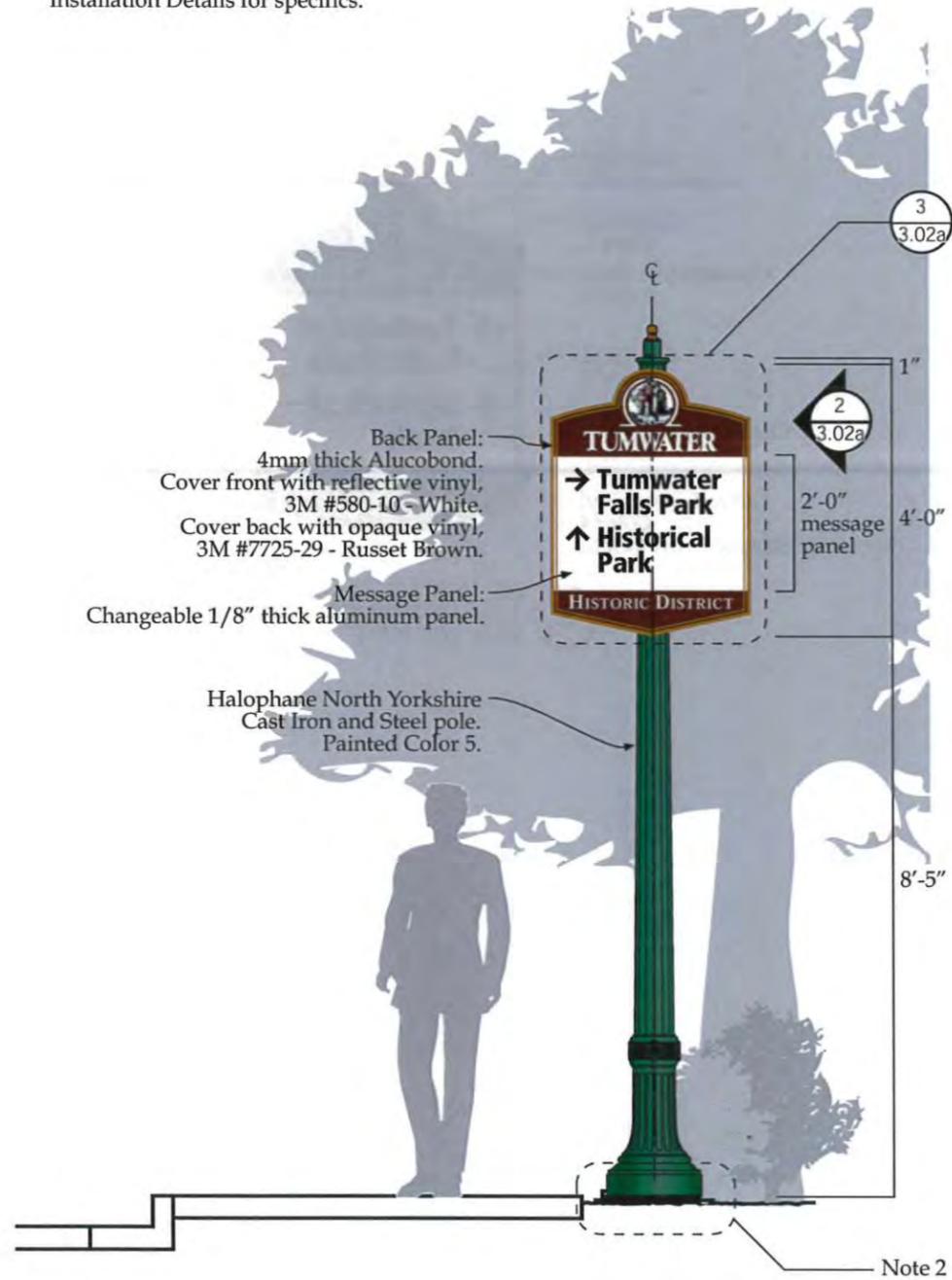
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3. Sign Types

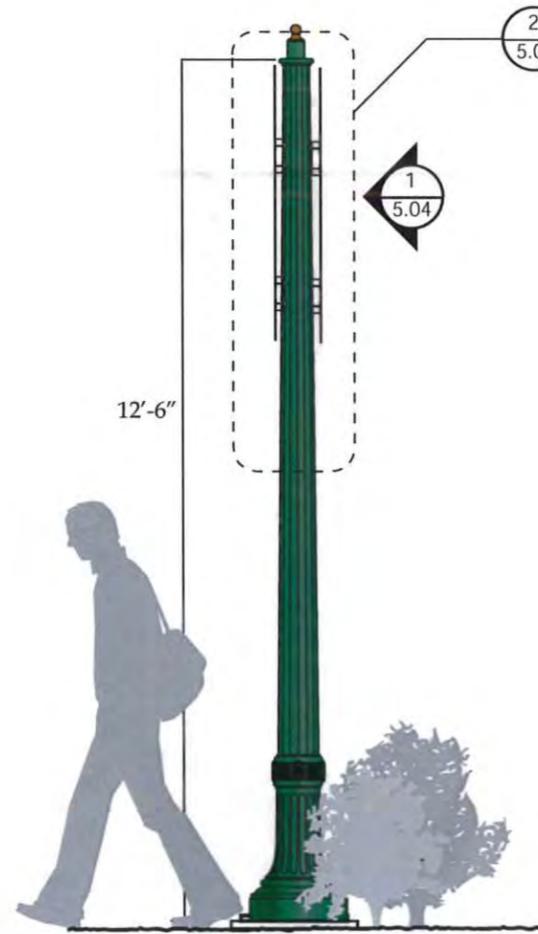
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



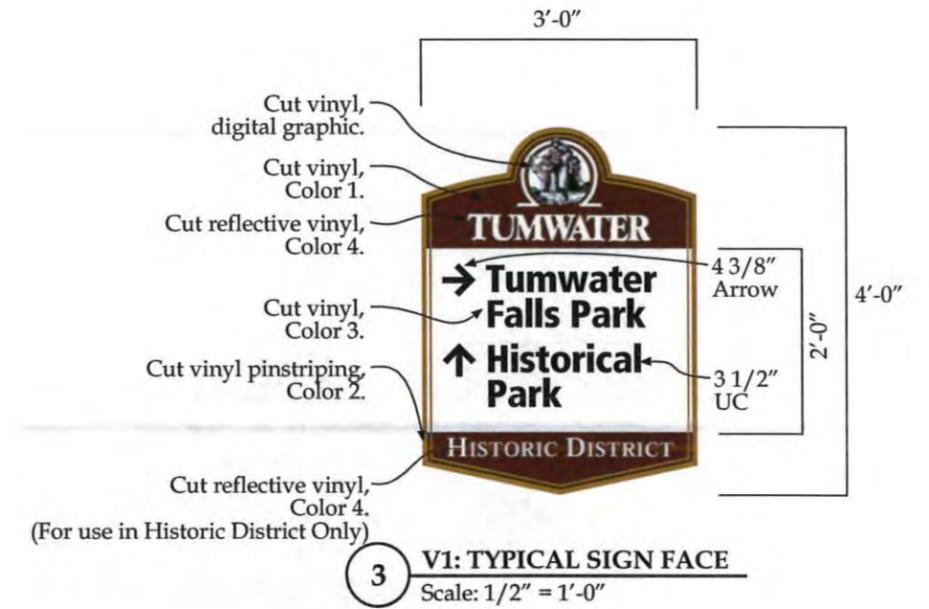
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



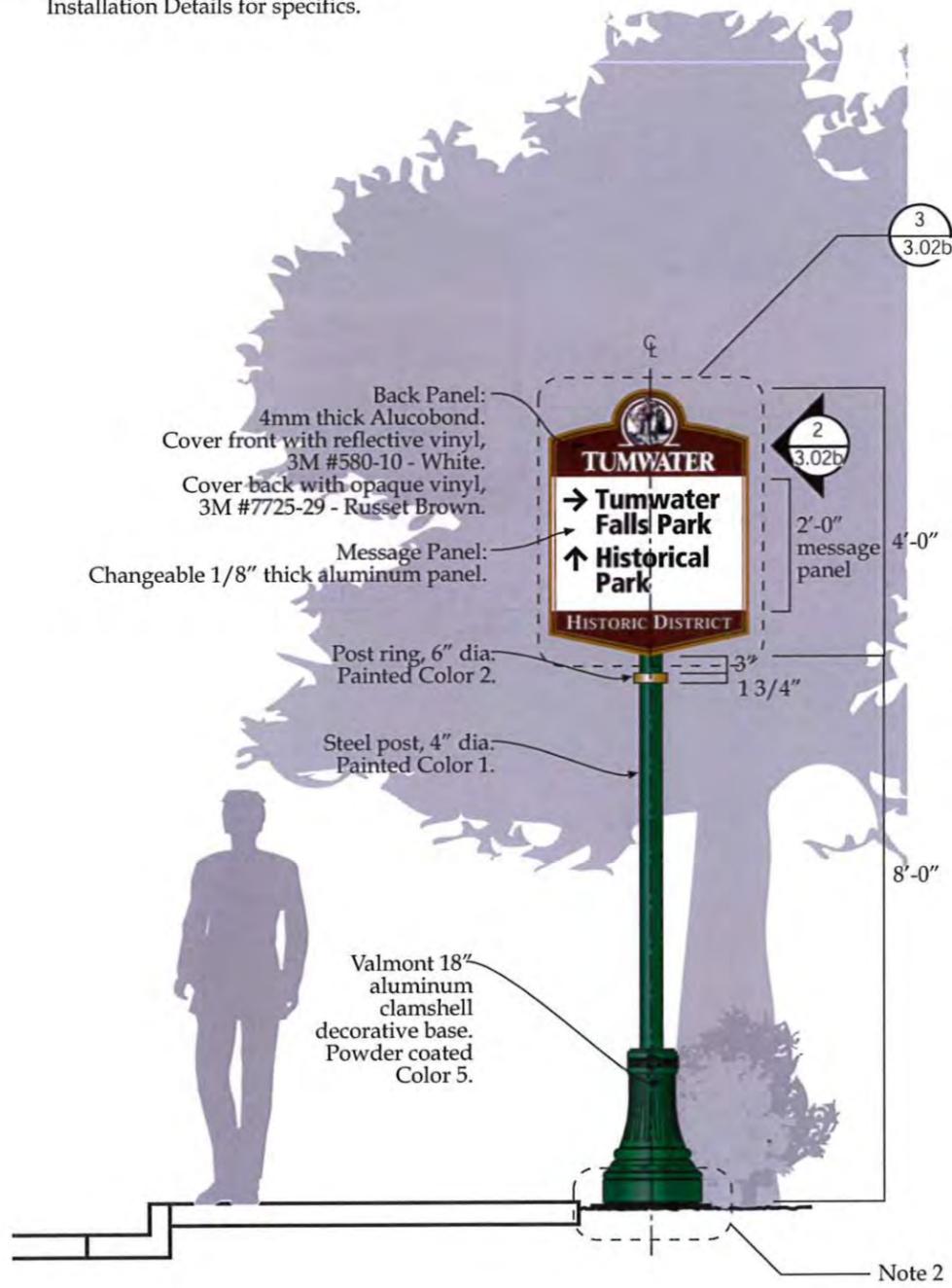
1 **VH1: TYPICAL ELEVATION**
Scale: 3/8" = 1'-0"



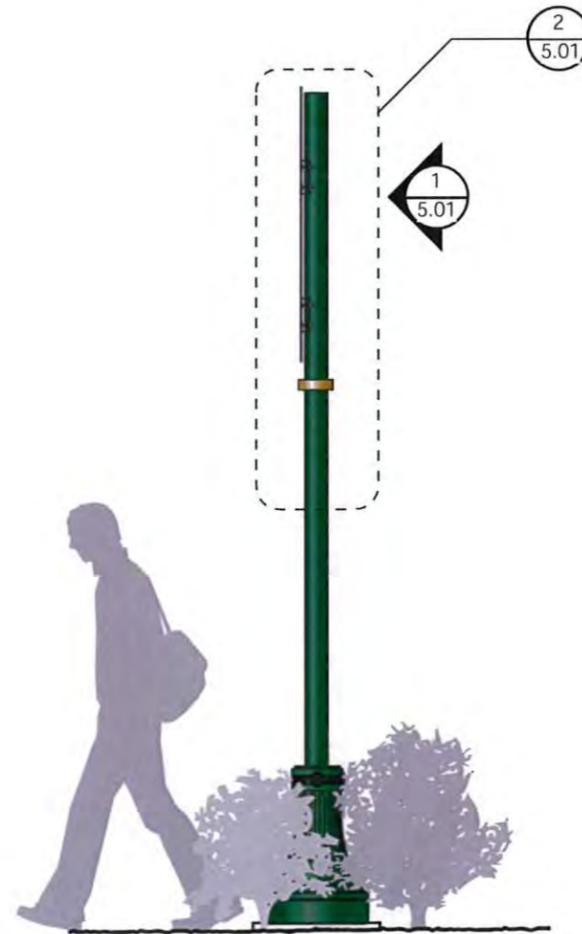
2 **TYPICAL SIDE VIEW**
Scale: 3/8" = 1'-0"



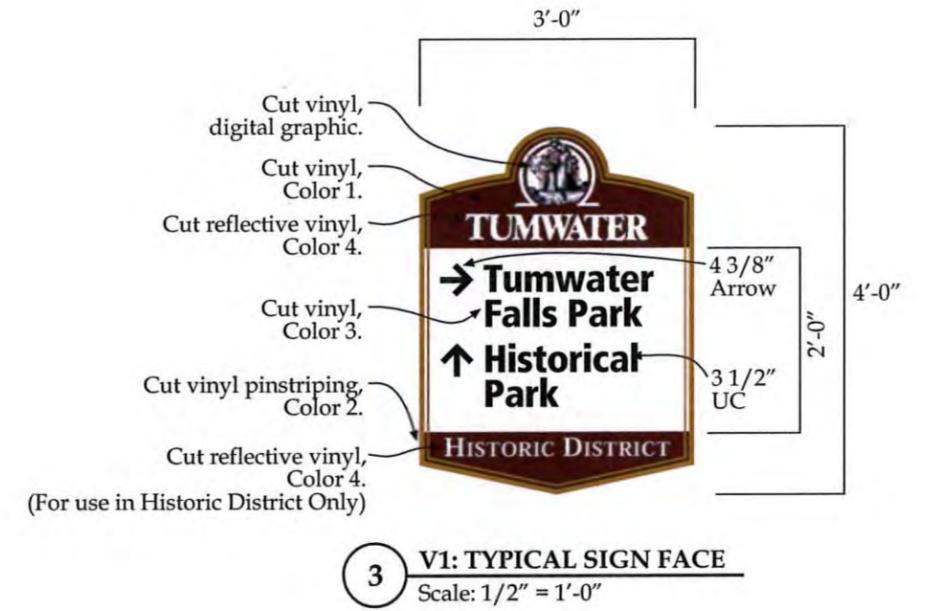
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



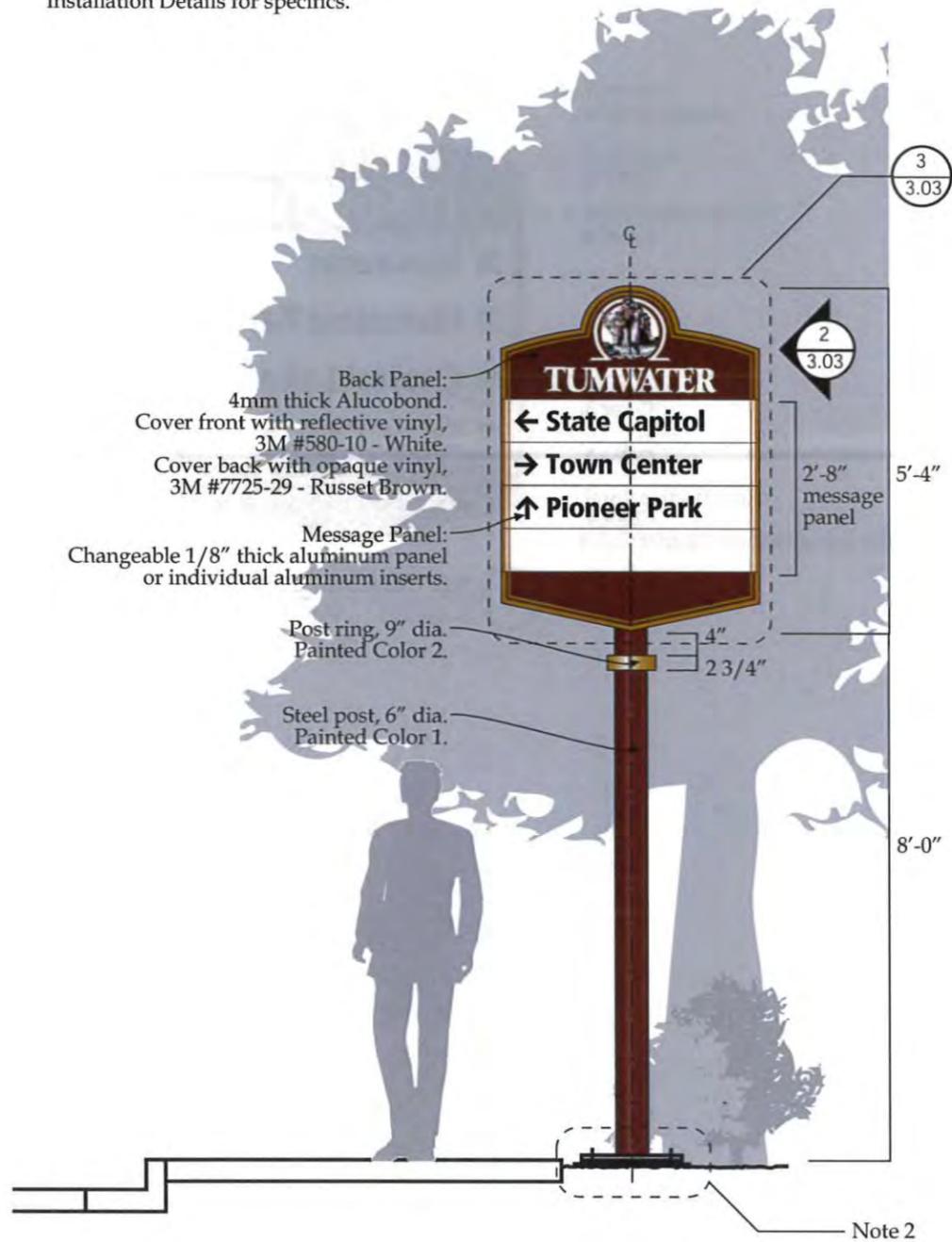
1 **VH1: TYPICAL ELEVATION**
Scale: 3/8" = 1'-0"



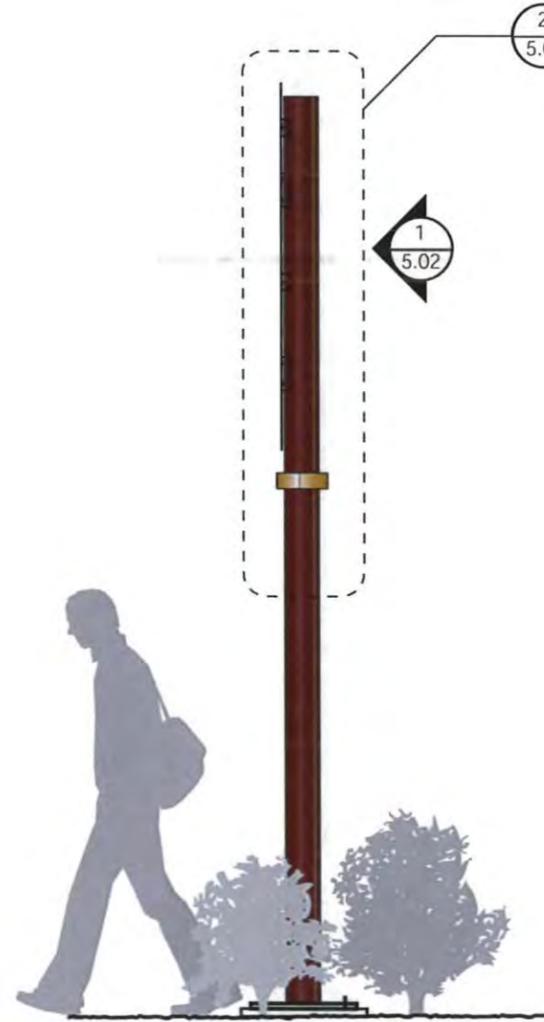
2 **TYPICAL SIDE VIEW**
Scale: 3/8" = 1'-0"



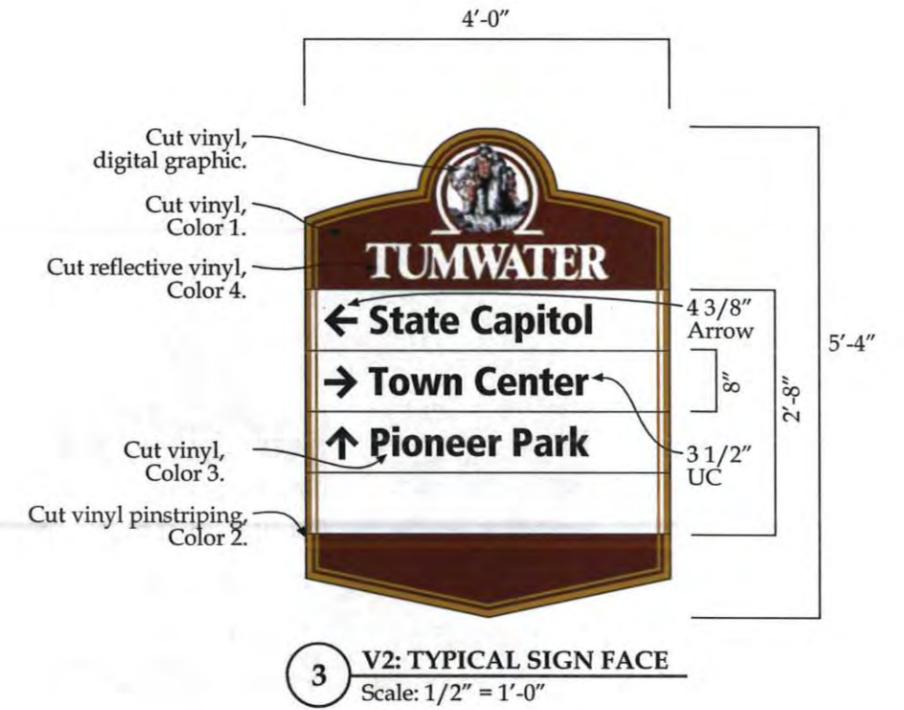
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



1 **V2: TYPICAL ELEVATION**
Scale: 3/8" = 1'-0"

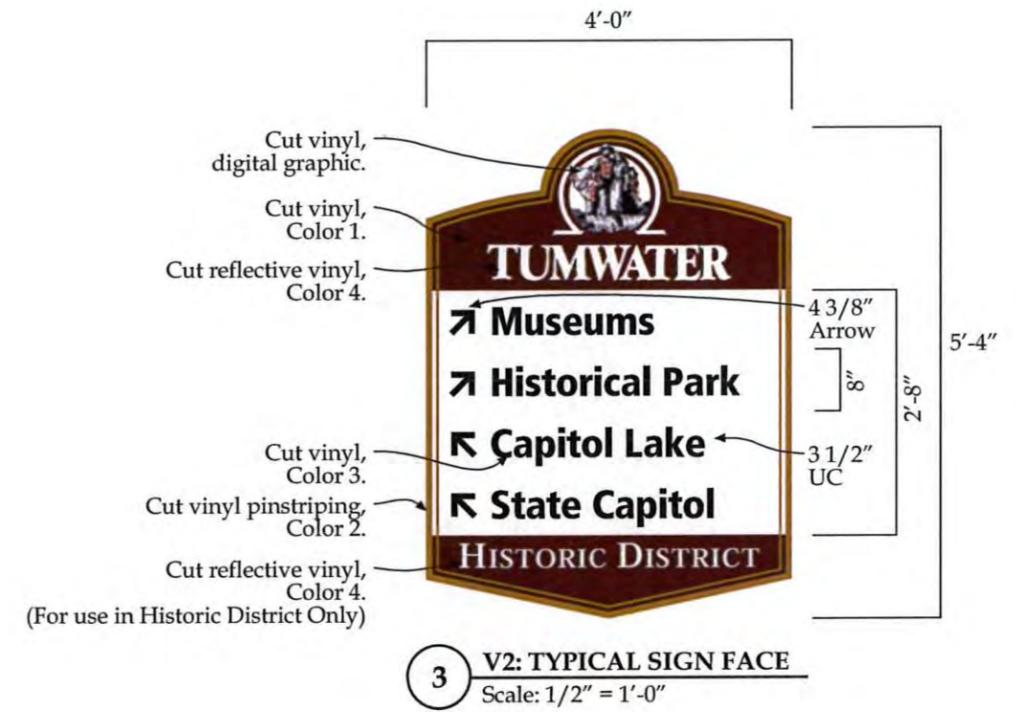
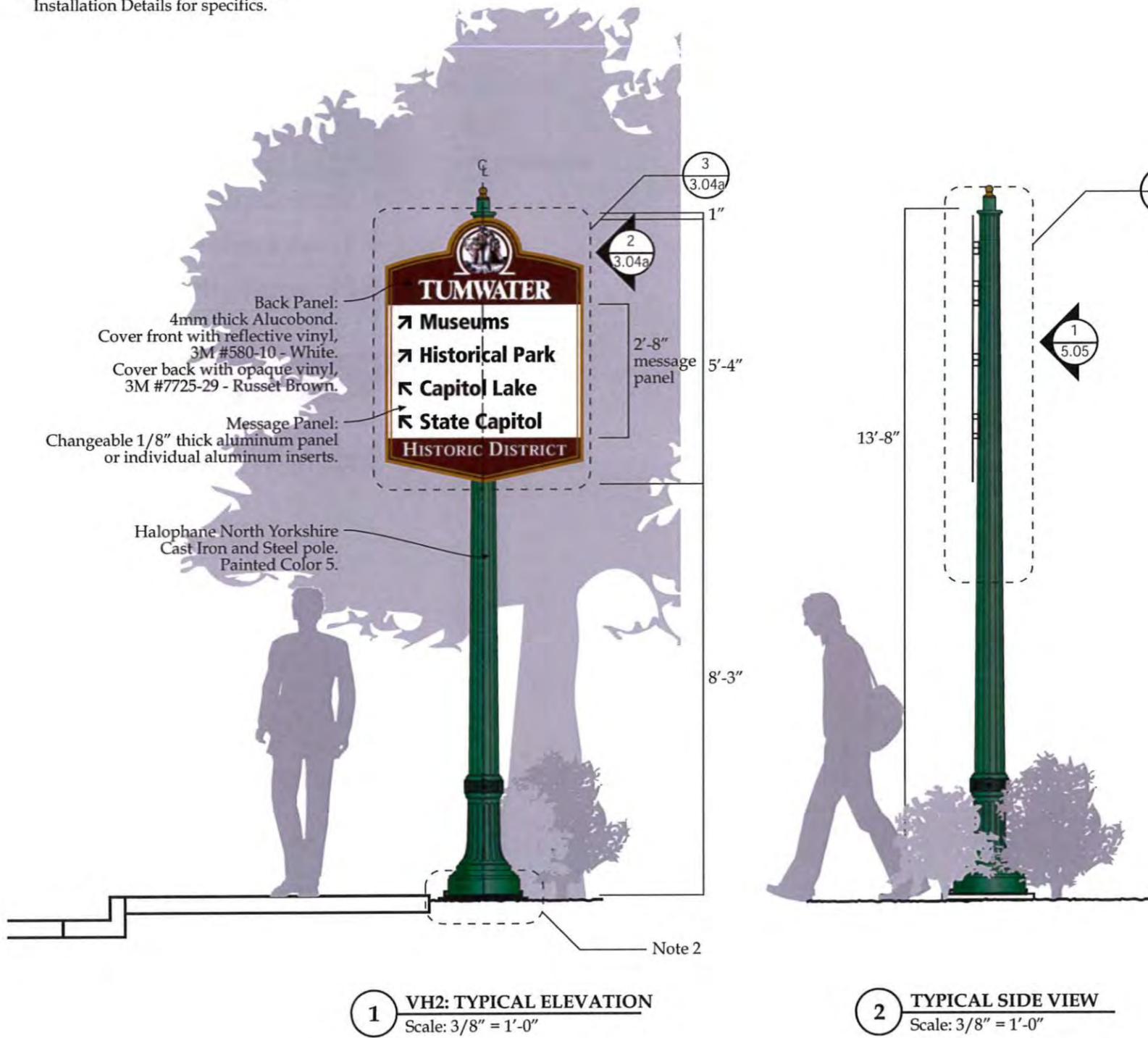


2 **TYPICAL SIDE VIEW**
Scale: 3/8" = 1'-0"

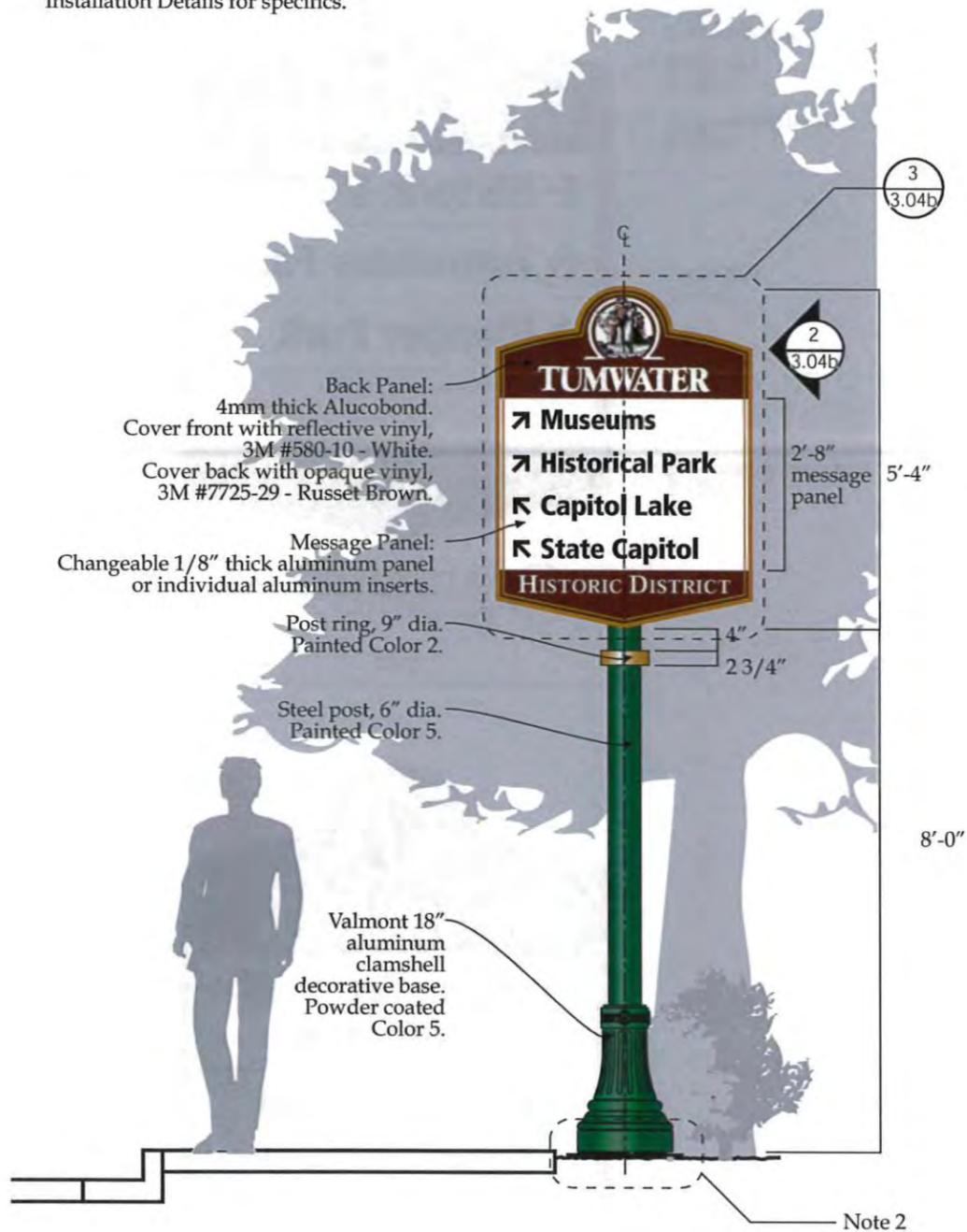


3 **V2: TYPICAL SIGN FACE**
Scale: 1/2" = 1'-0"

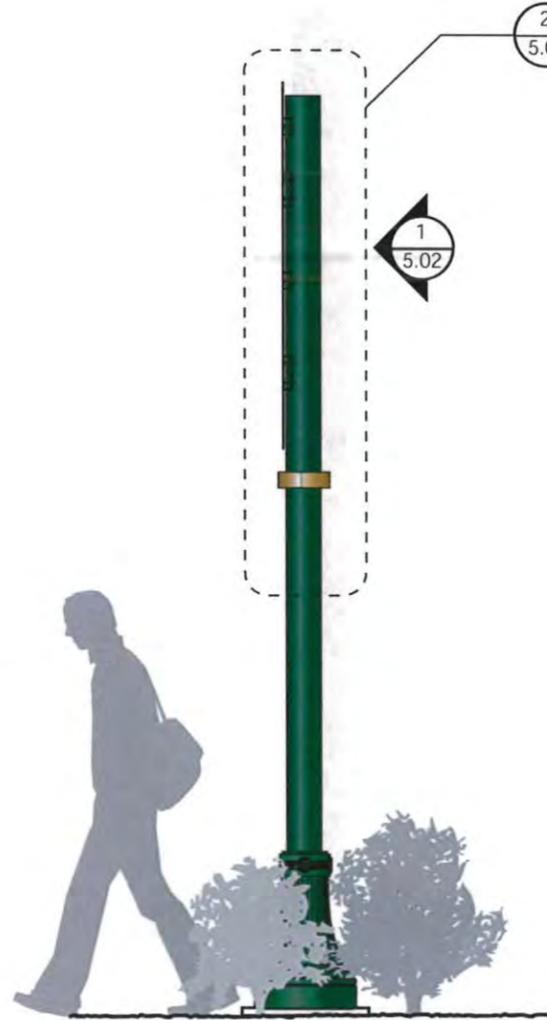
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



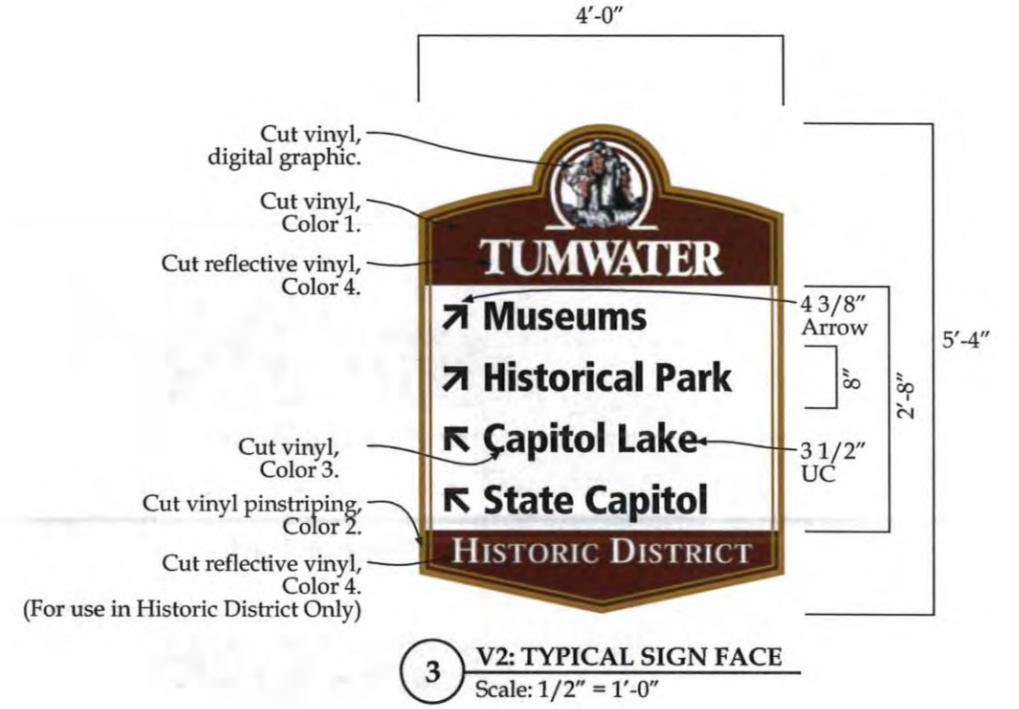
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



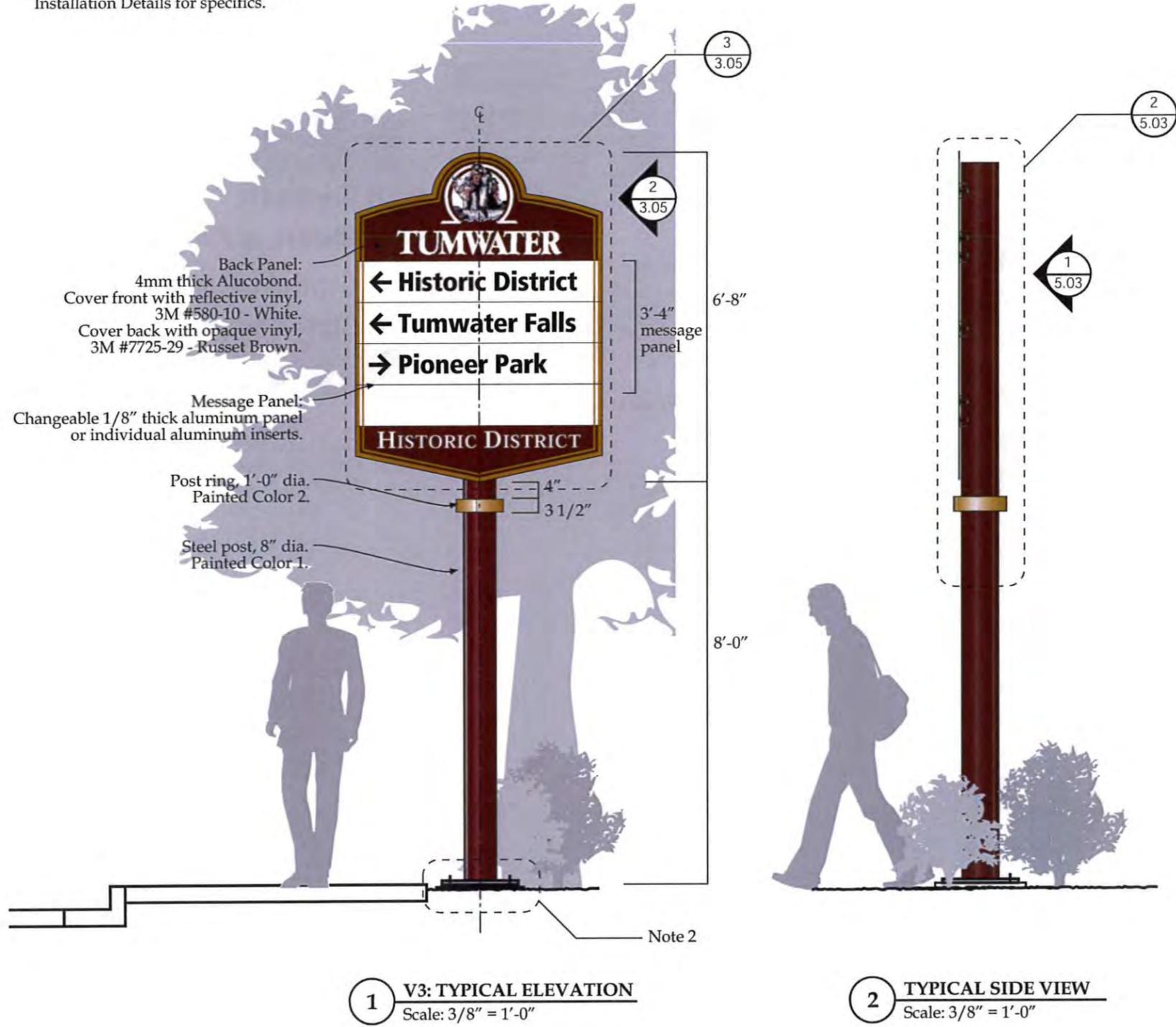
1 **VH2: TYPICAL ELEVATION**
Scale: 3/8" = 1'-0"



2 **TYPICAL SIDE VIEW**
Scale: 3/8" = 1'-0"

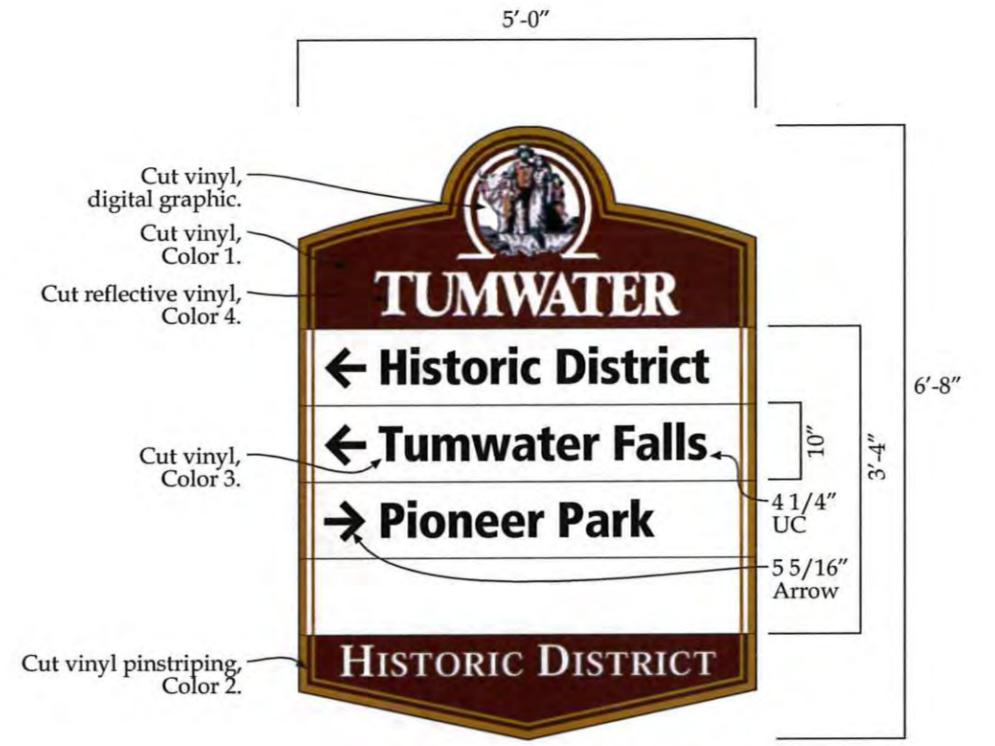


- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.

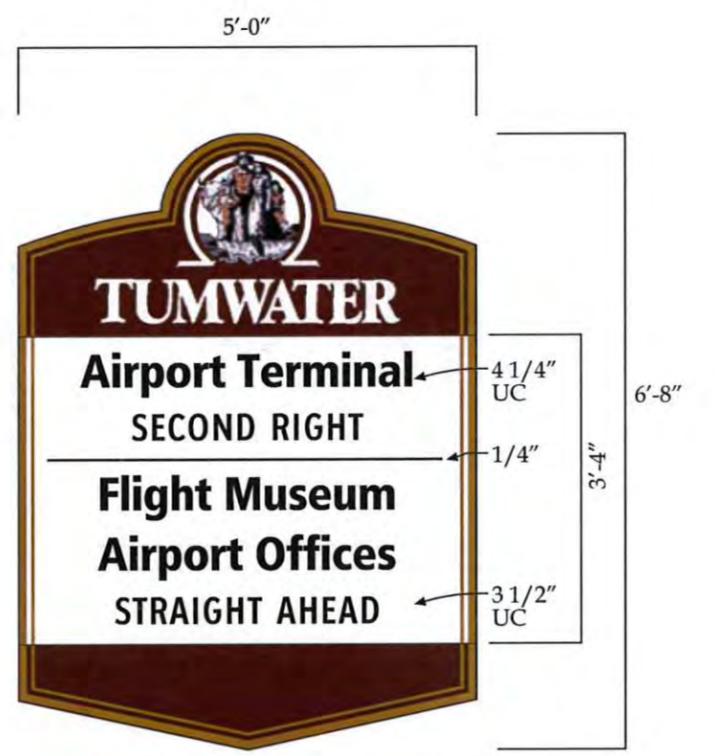


1 V3: TYPICAL ELEVATION
Scale: 3/8" = 1'-0"

2 TYPICAL SIDE VIEW
Scale: 3/8" = 1'-0"

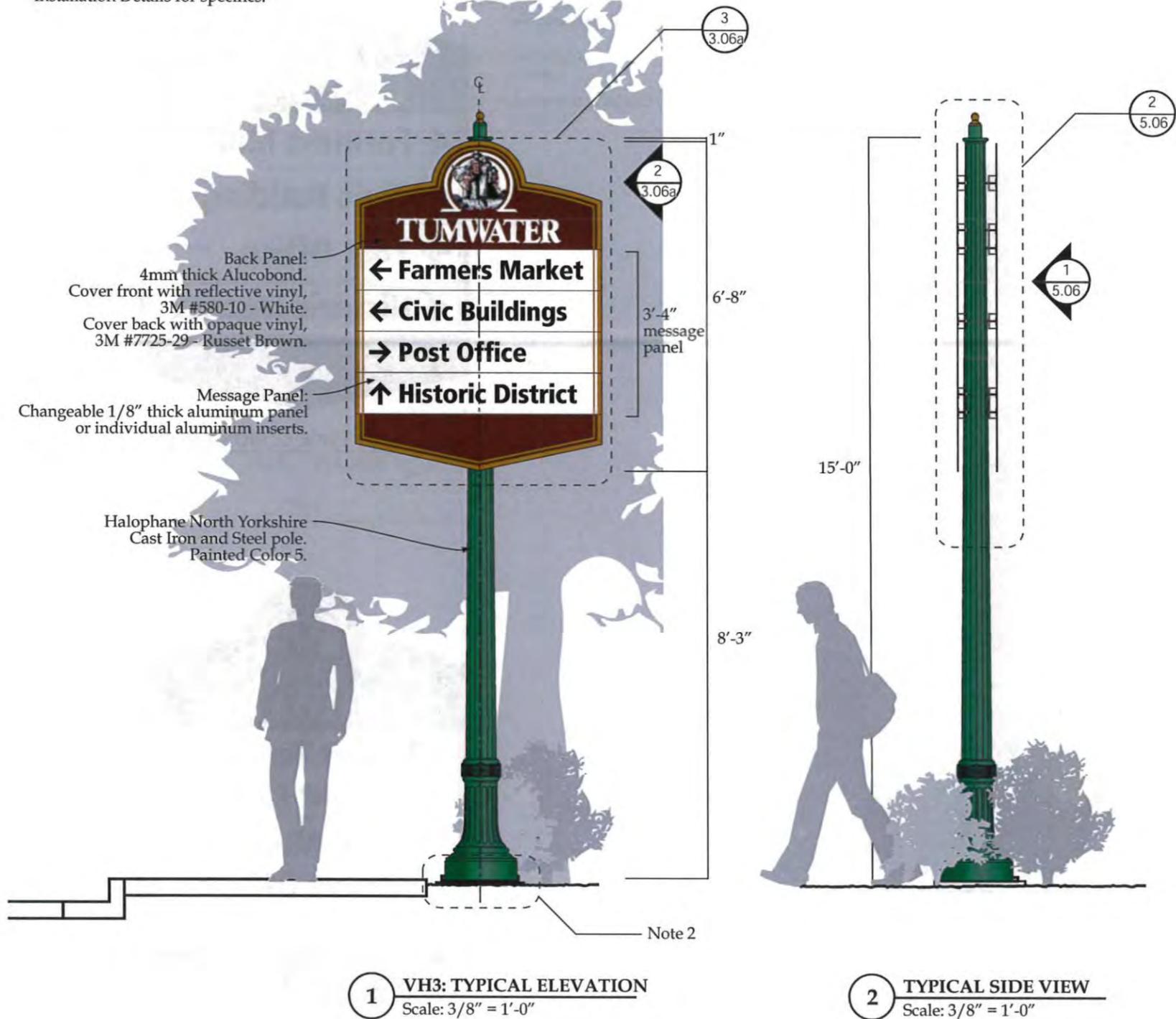


3 V3: TYPICAL SIGN FACE
Scale: 1/2" = 1'-0"



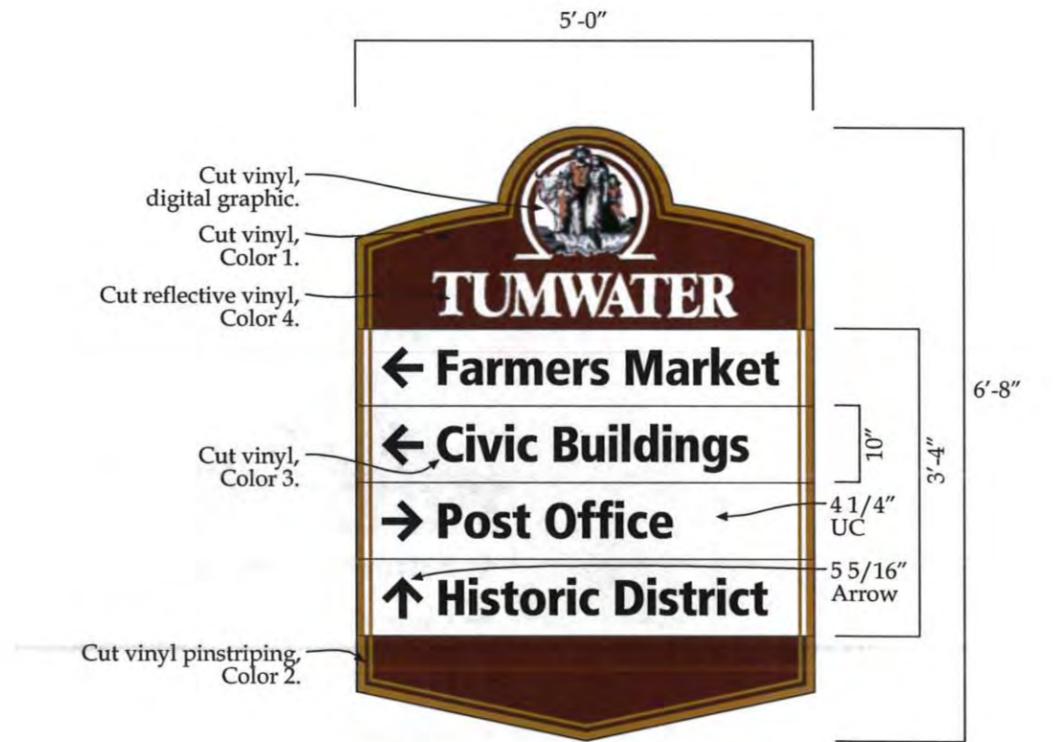
4 V3: ALTERNATE SIGN FACE
Scale: 1/2" = 1'-0"

- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.

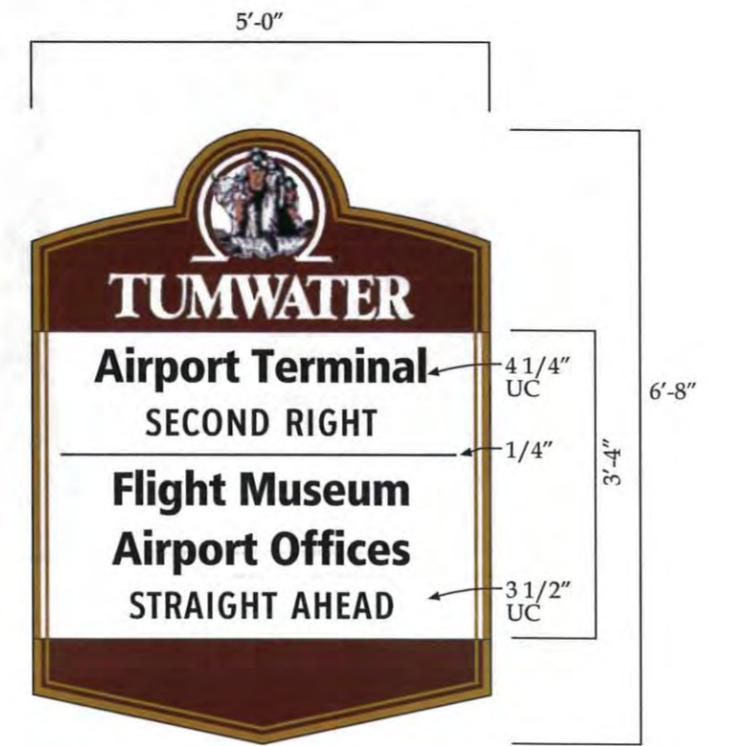


1 **VH3: TYPICAL ELEVATION**
Scale: 3/8" = 1'-0"

2 **TYPICAL SIDE VIEW**
Scale: 3/8" = 1'-0"

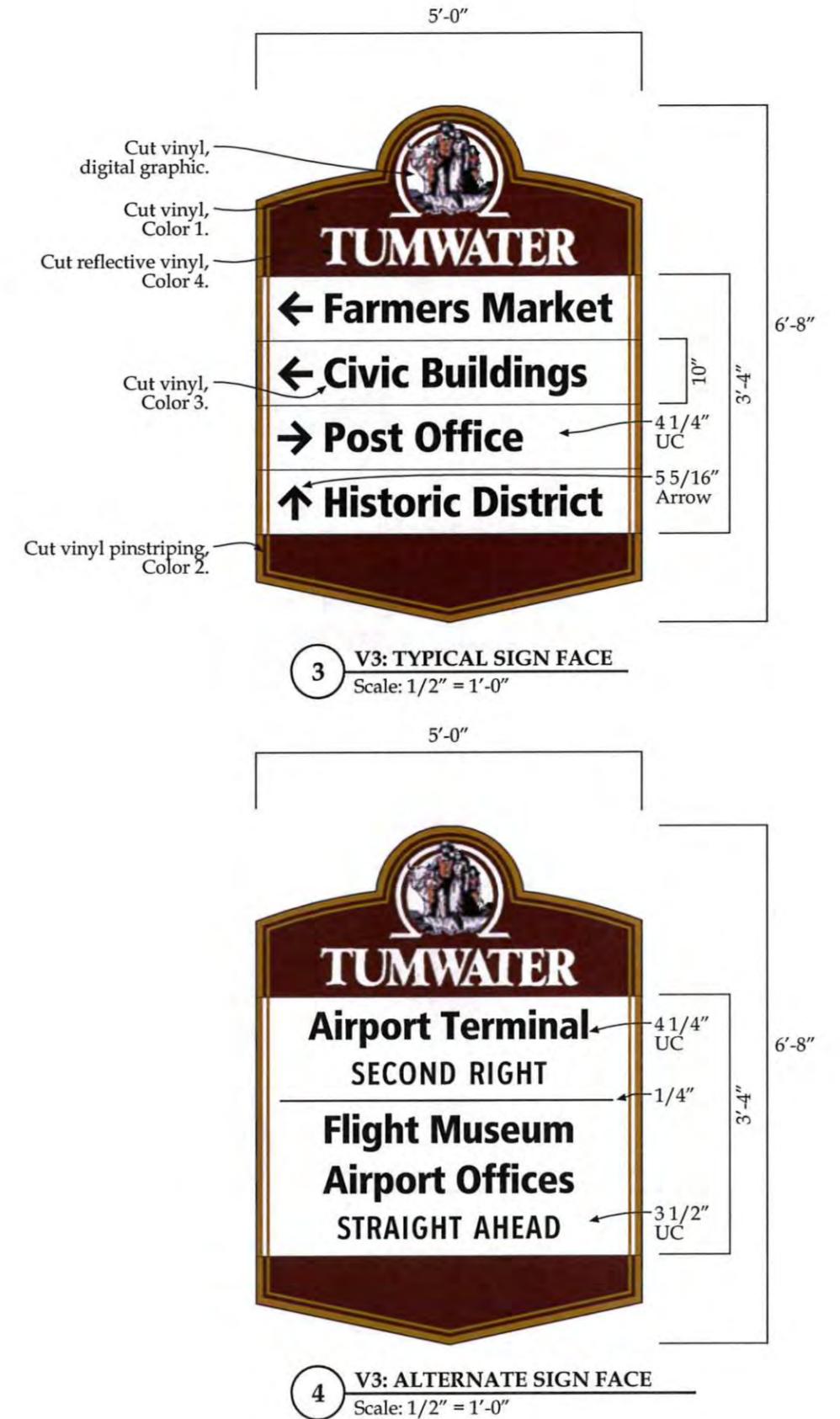
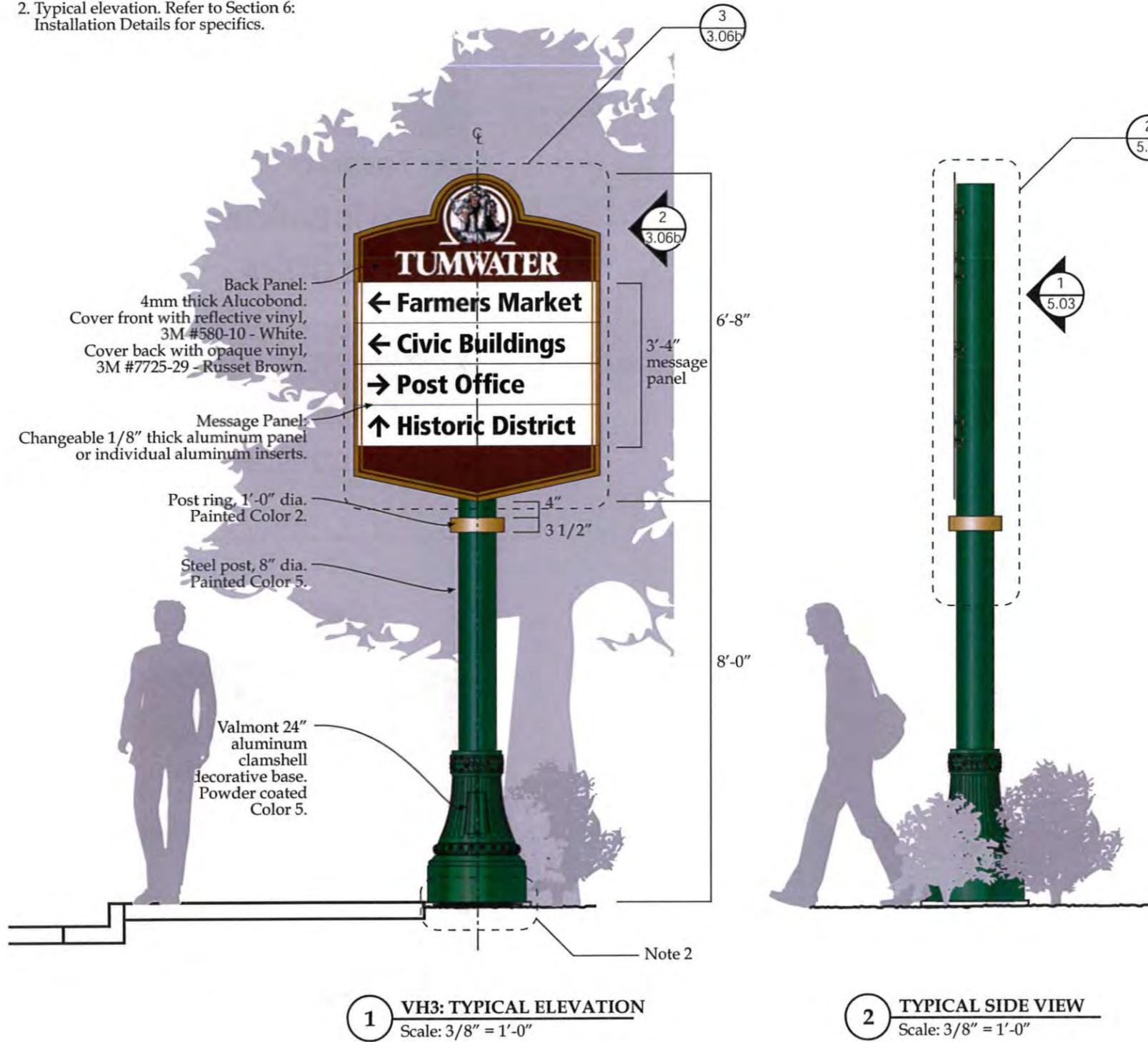


3 **V3: TYPICAL SIGN FACE**
Scale: 1/2" = 1'-0"

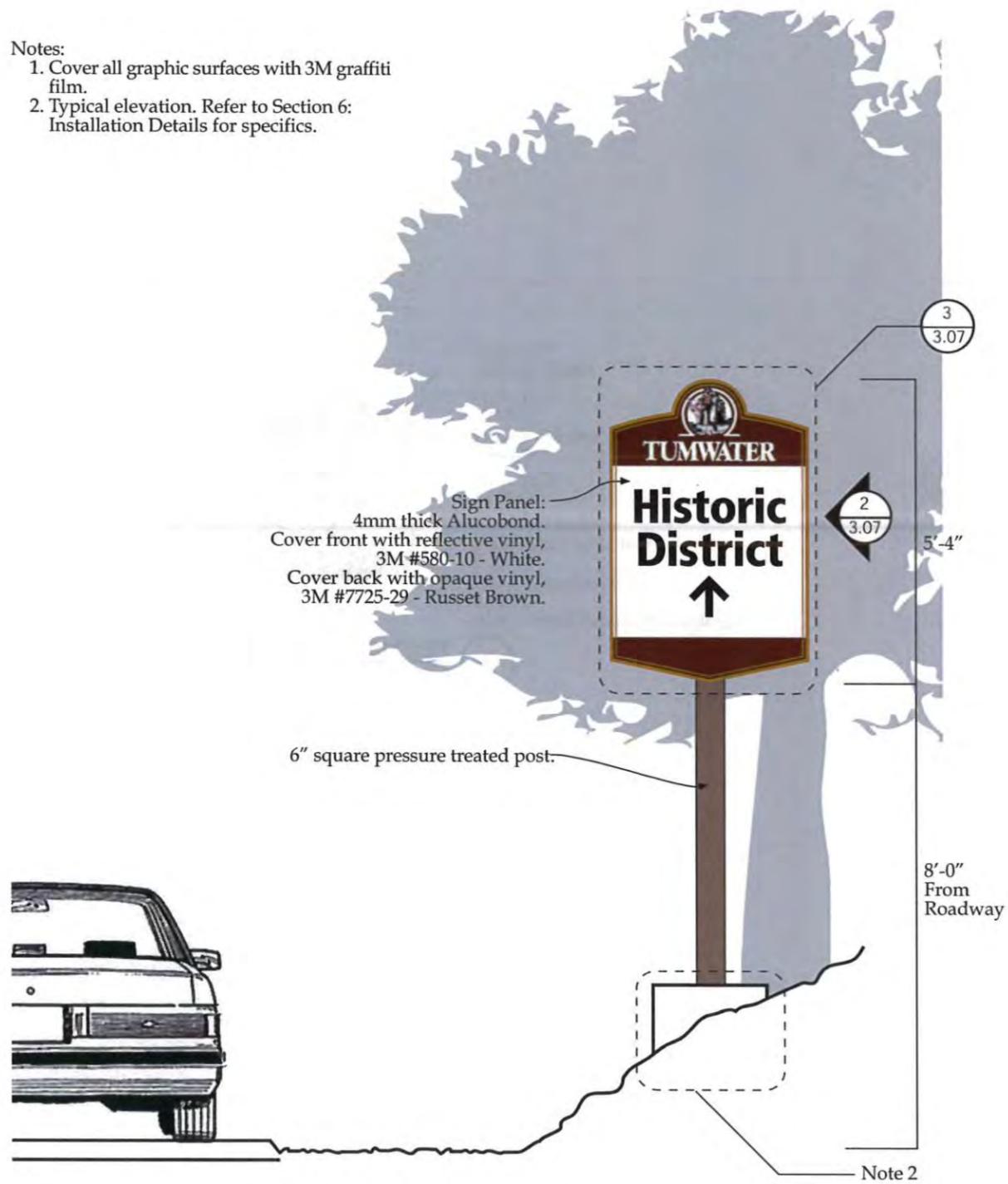


4 **V3: ALTERNATE SIGN FACE**
Scale: 1/2" = 1'-0"

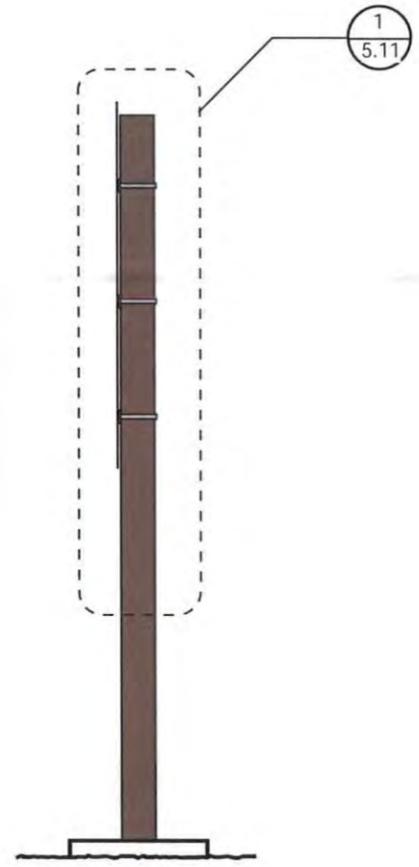
- Notes:
 1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



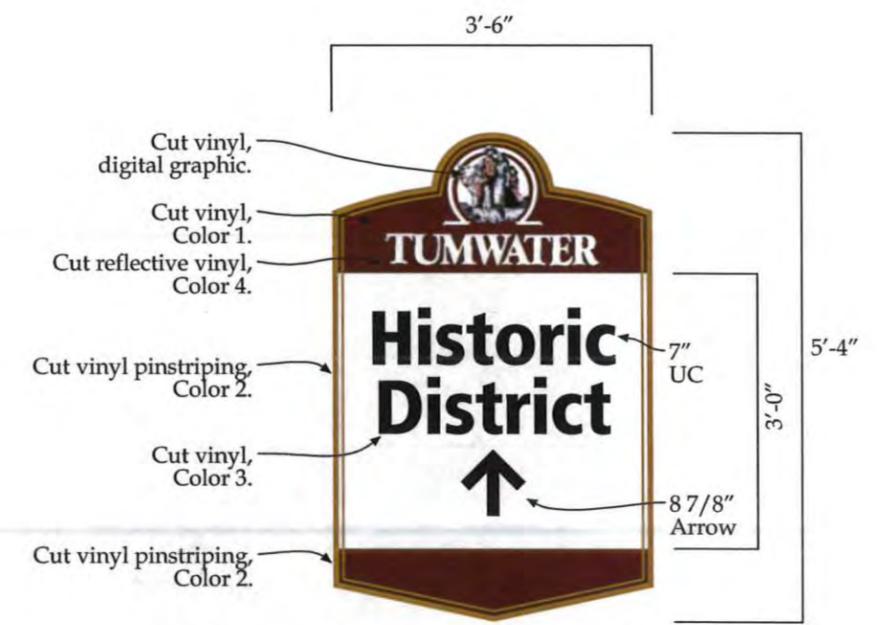
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



1 T1: TYPICAL ELEVATION
Scale: 3/8" = 1'-0"

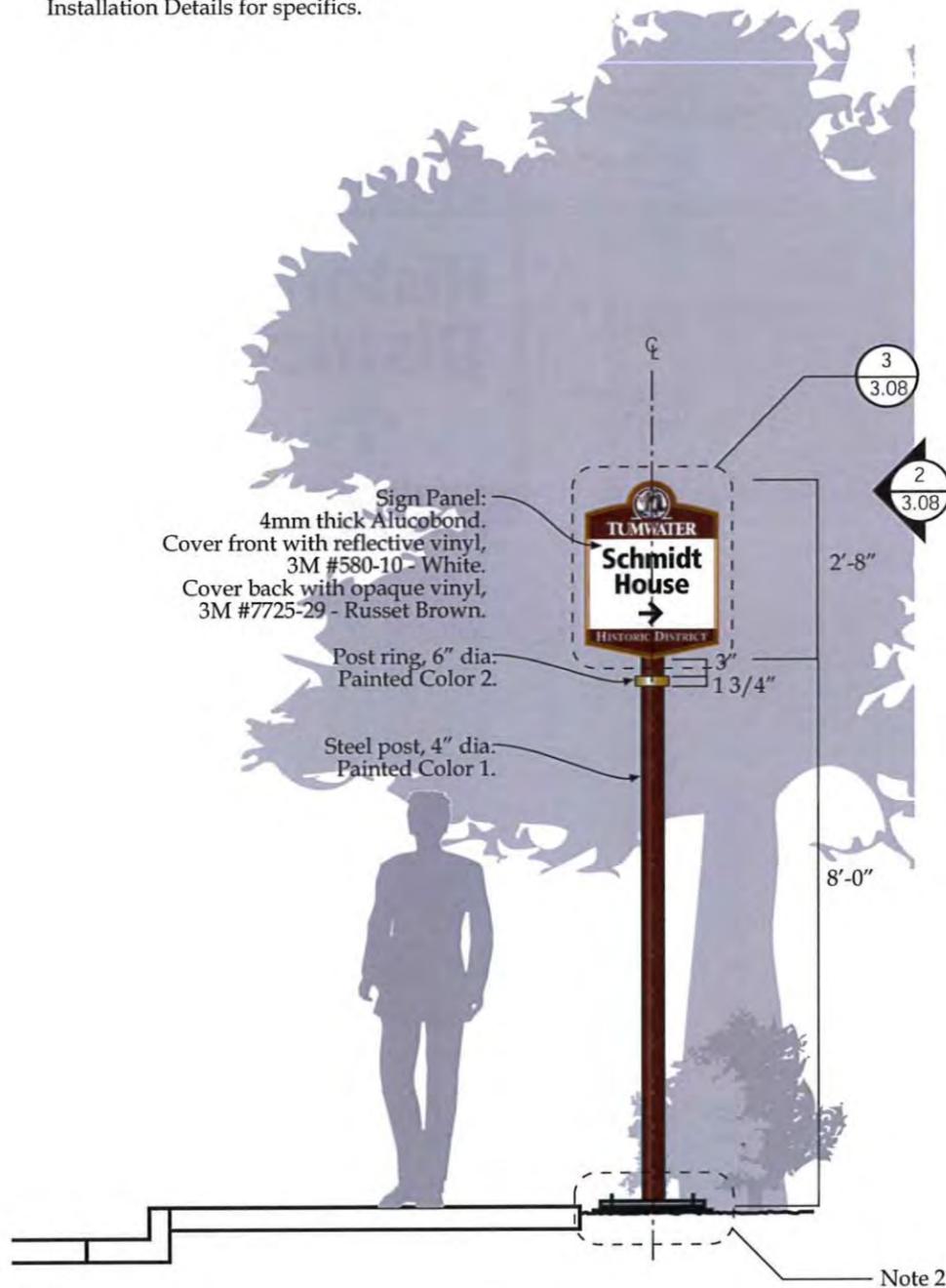


2 TYPICAL SIDE VIEW
Scale: 3/8" = 1'-0"

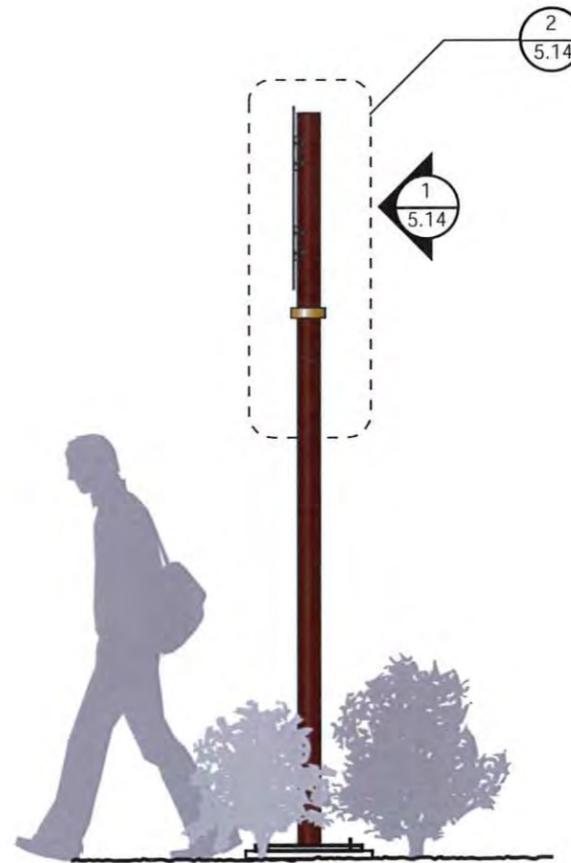


3 T1: TYPICAL SIGN FACE
Scale: 1/2" = 1'-0"

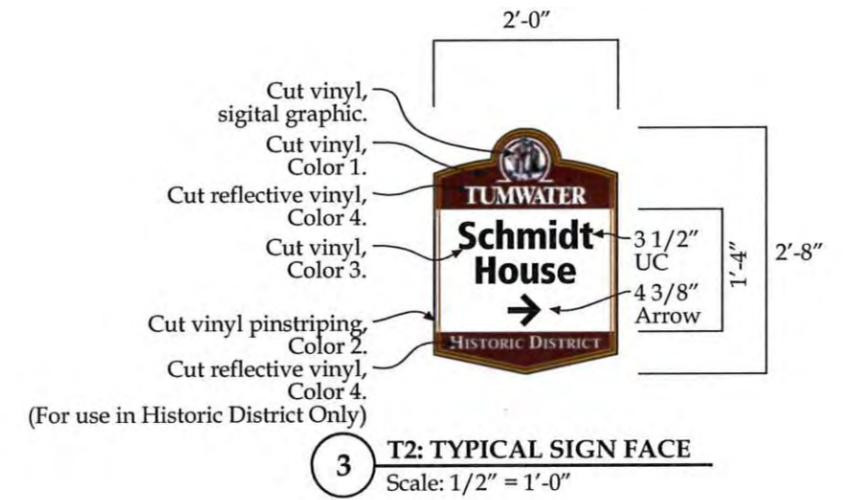
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



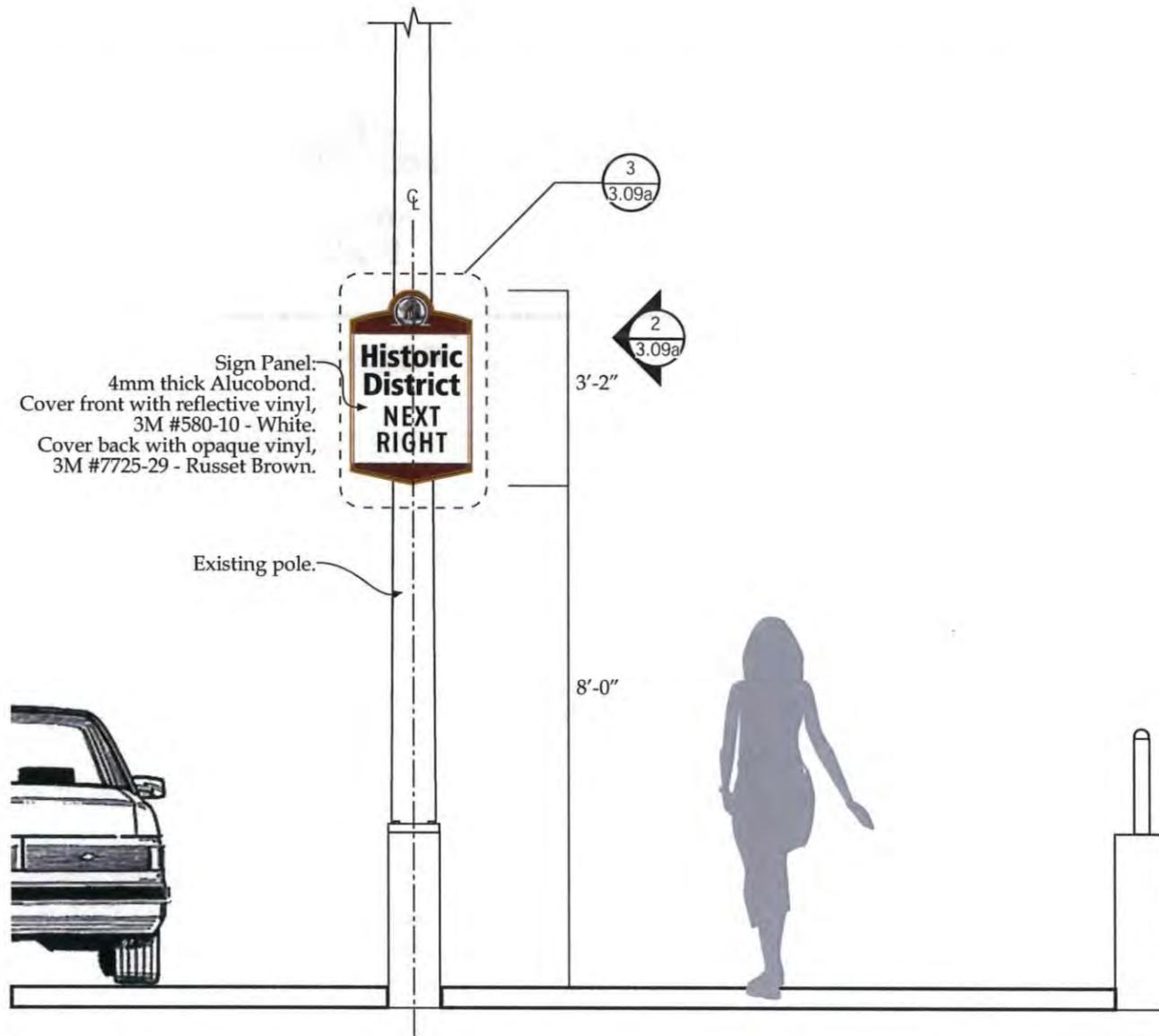
1 T2: TYPICAL ELEVATION
Scale: 3/8" = 1'-0"



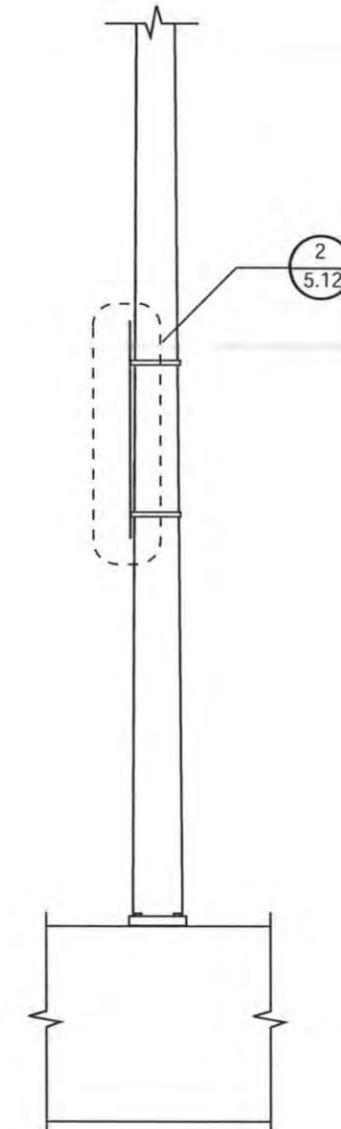
2 TYPICAL SIDE VIEW
Scale: 3/8" = 1'-0"



- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



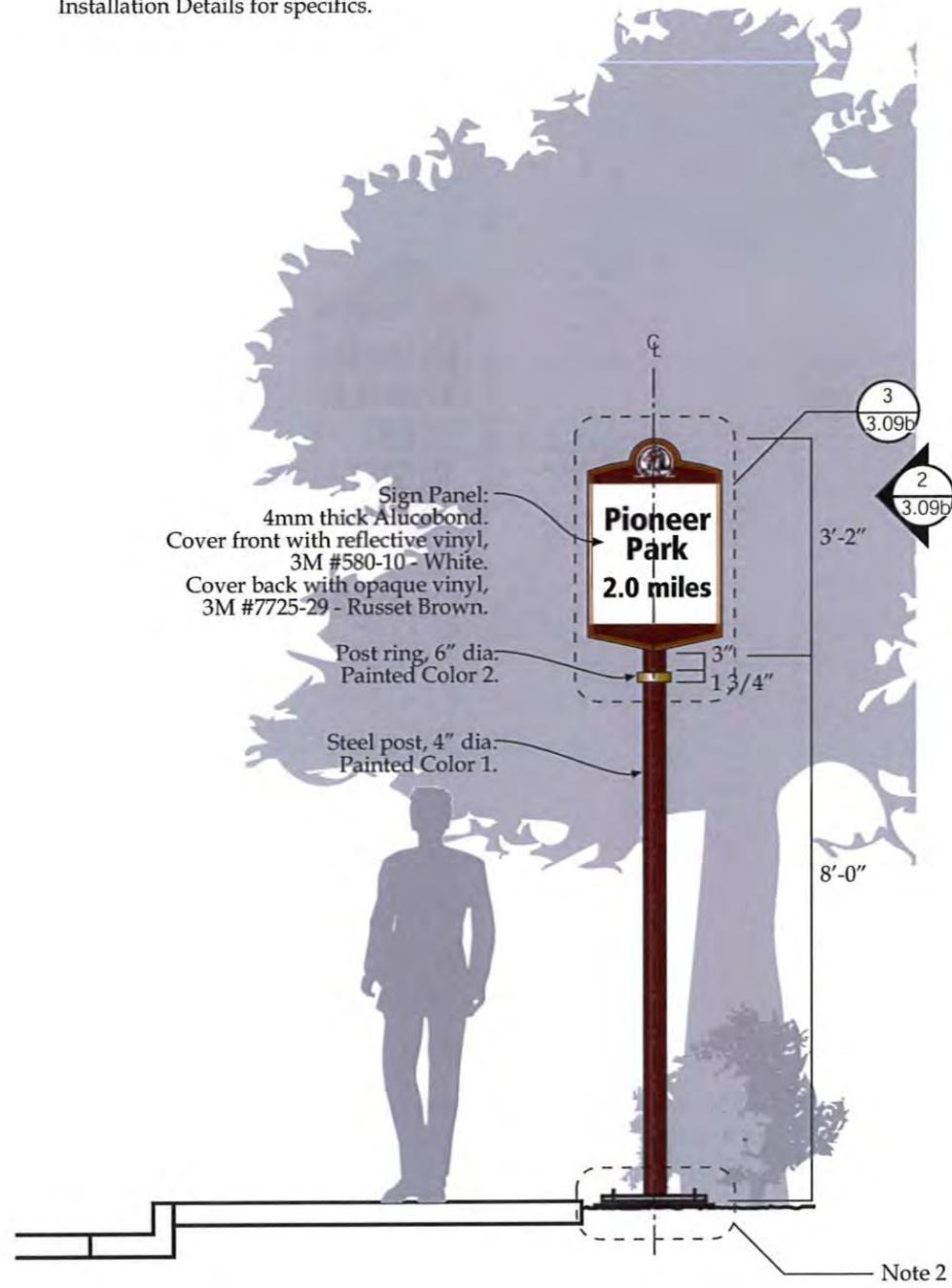
1 T3a: TYPICAL ELEVATION
Scale: 3/8" = 1'-0"



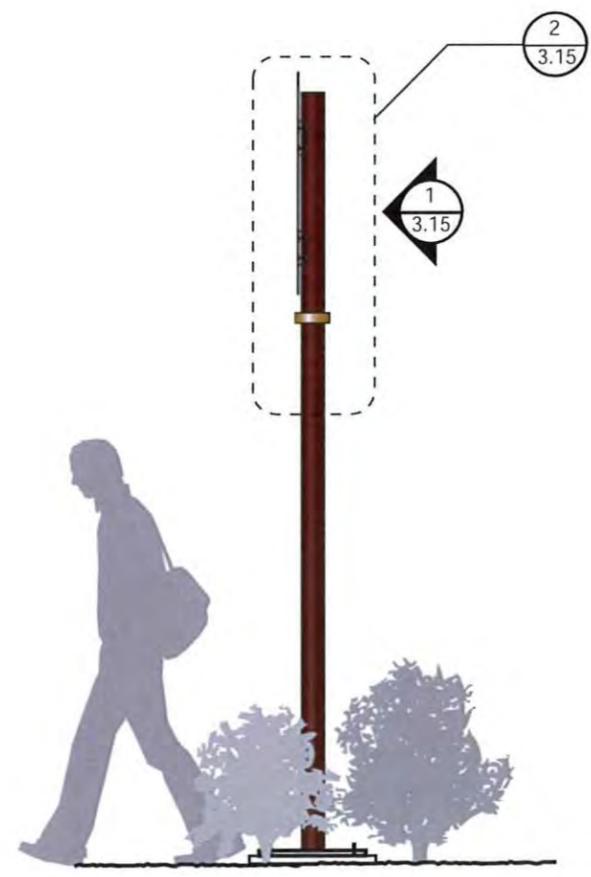
2 TYPICAL SIDE VIEW
Scale: 3/8" = 1'-0"



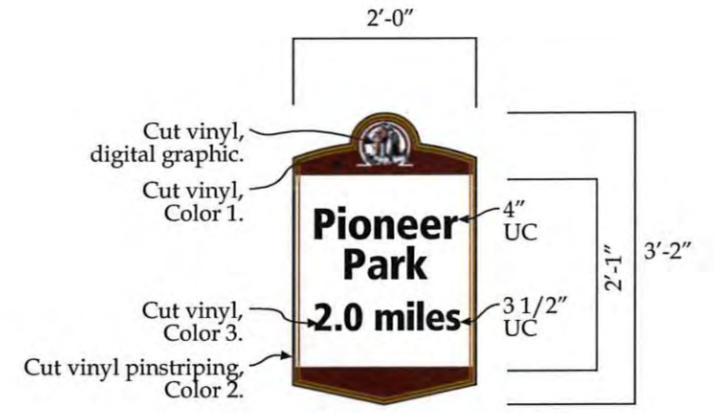
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



1 T3b: TYPICAL ELEVATION
Scale: 3/8" = 1'-0"

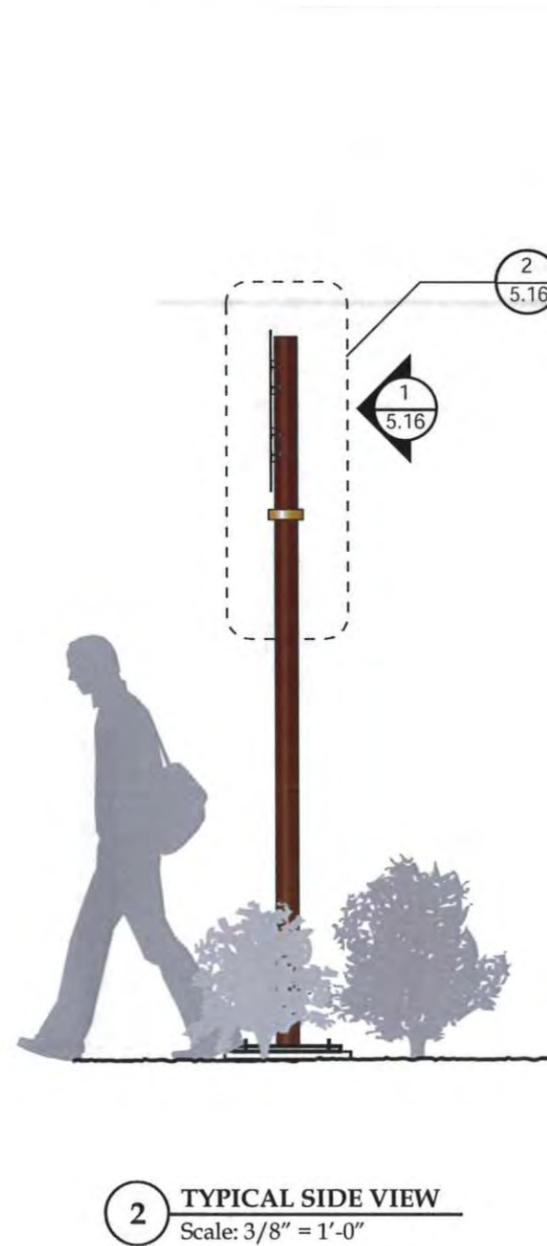
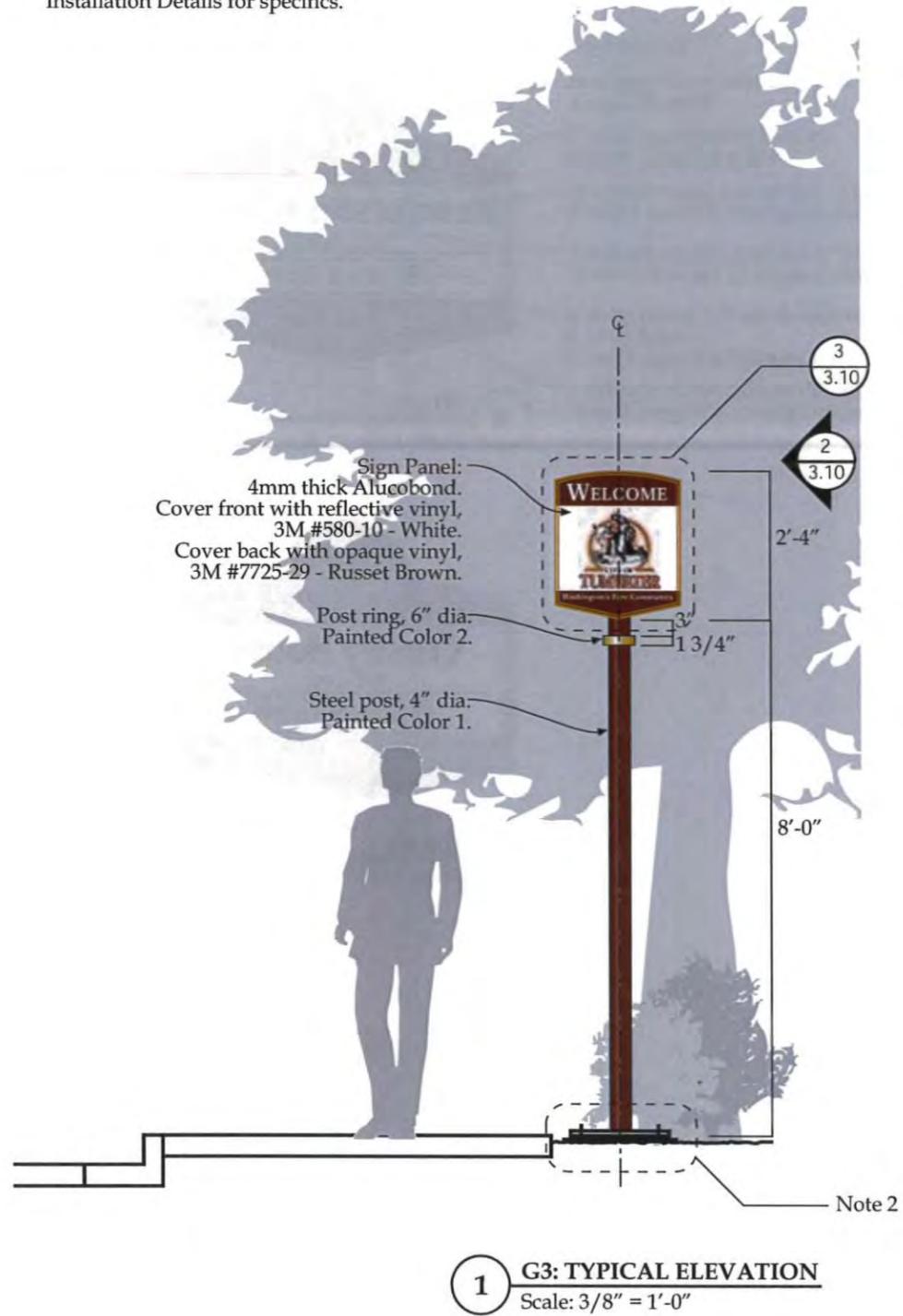


2 TYPICAL SIDE VIEW
Scale: 3/8" = 1'-0"

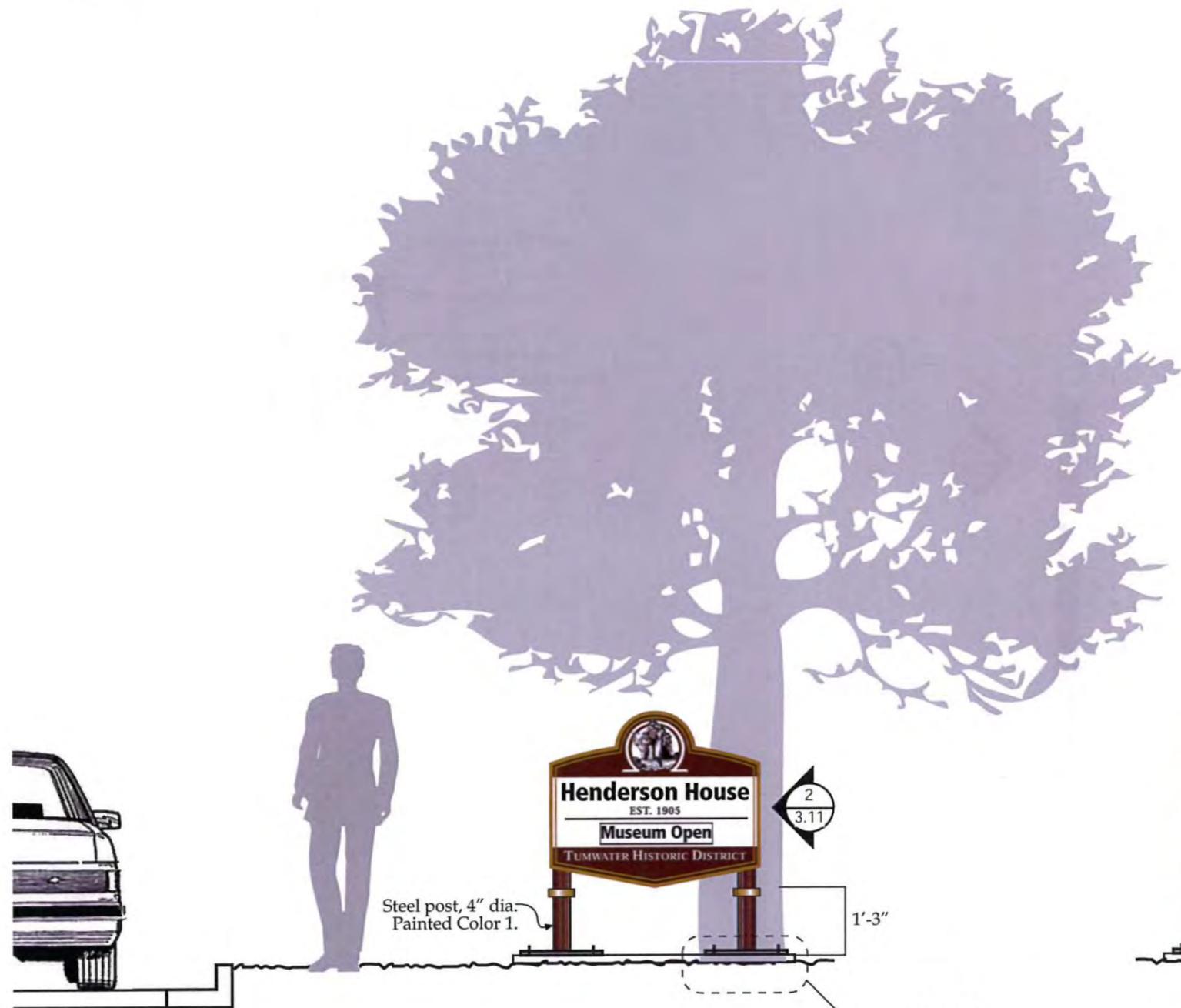


3 T3b: TYPICAL SIGN FACE
Scale: 1/2" = 1'-0"

- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



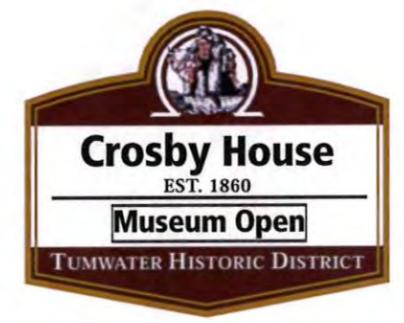
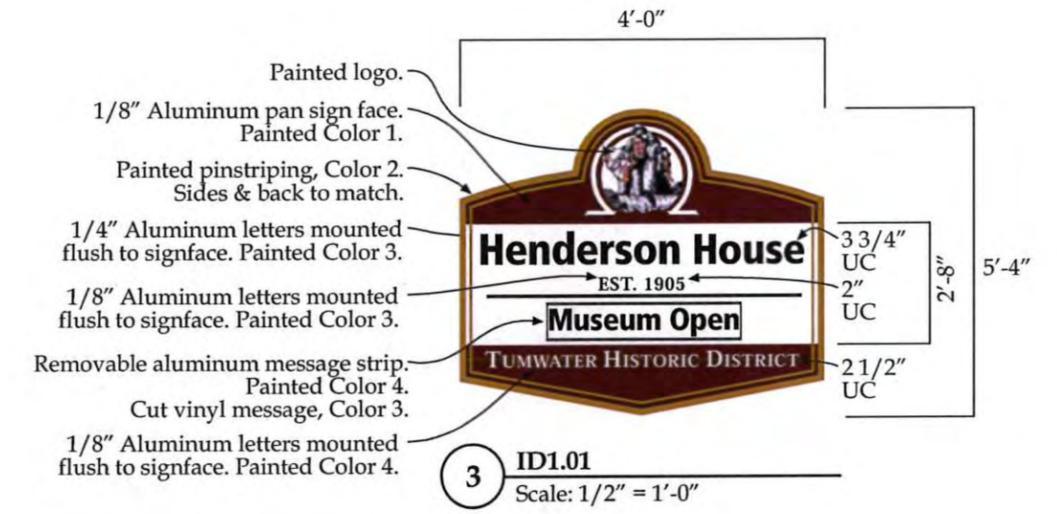
- Notes:
 1. Cover all graphic surfaces with 3M graffiti film.



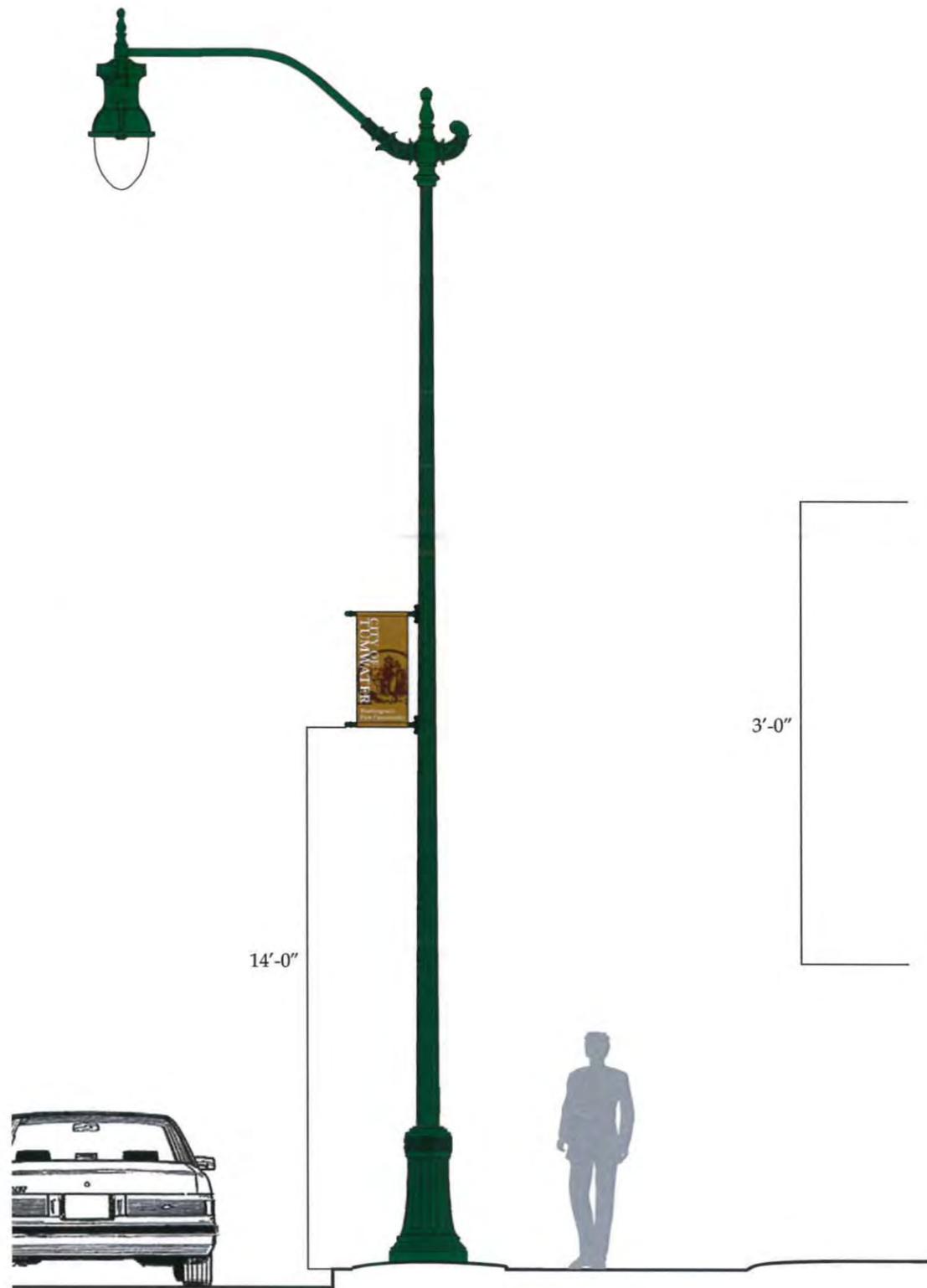
1 ID1: TYPICAL ELEVATION
 Scale: 3/8" = 1'-0"



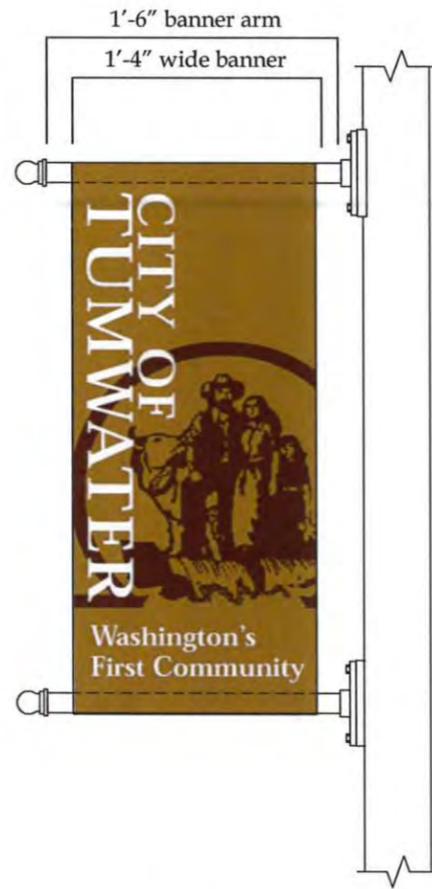
2 TYPICAL SIDE VIEW
 Scale: 3/8" = 1'-0"



4 ID1.02
 Scale: 1/2" = 1'-0"



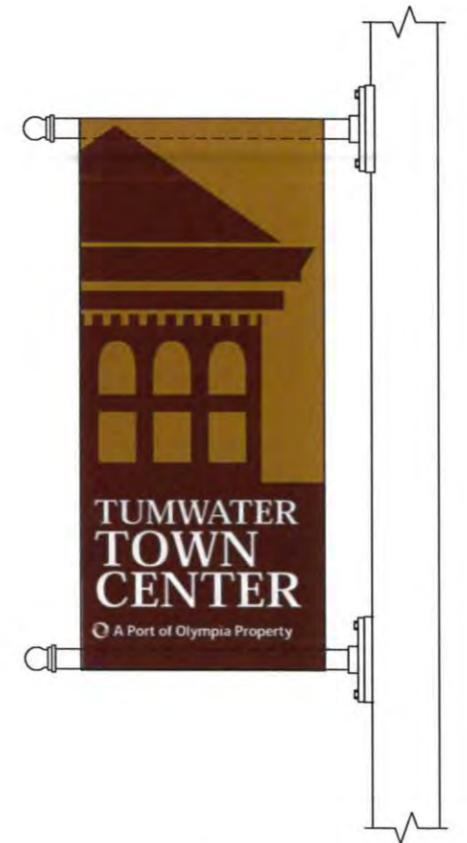
1 B1: TYPICAL ELEVATION
Scale: 1/4" = 1'-0"



B1.1



B1.2



B1.3

2 ALTERNATING BANNER THEMES
Scale: 1" = 1'-0"

- Notes:
1. Per manufacturer: Maximum 4 sq. ft. for 90mph wind load rating.
 2. Per manufacturer: Use of eye-hook attachment doubles allowable banner size.
 3. 3" x 1'-4" = 3.87 sq. ft.

4. Sign Phases

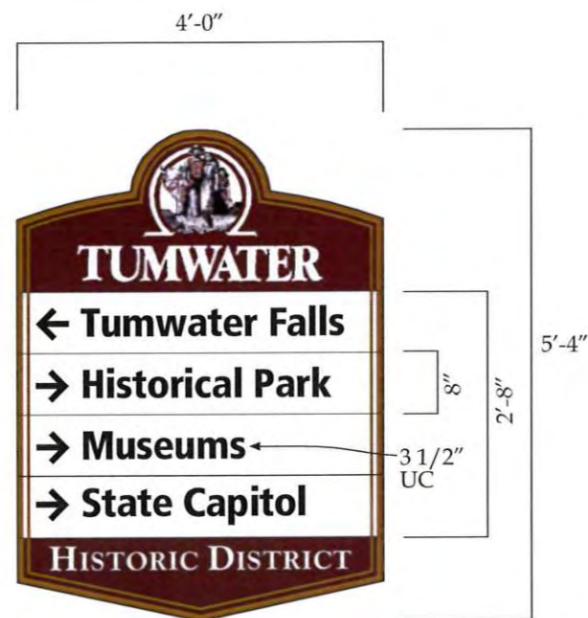
Phase 1:
Historic District
(Banners by Tumwater Historic
Preservation Commission -N.I.C)

Phase 2:
Capitol Blvd. & Trospen Rd.

Phase 3:
Tumwater Blvd. and Related Areas

Phase 4:
Town Center Infill

- Notes:
 1. All locations to be field verified prior to installation.



101.VH2

Phase 1A

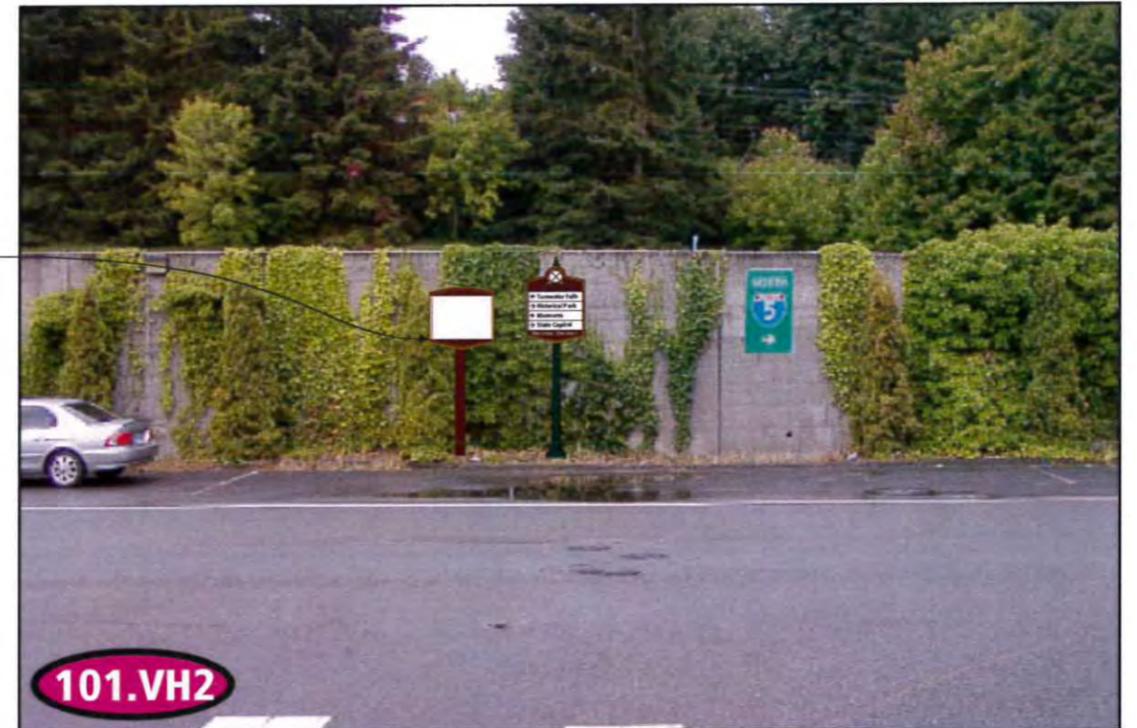
Deschutes Parkway @ Boston St. - EB

Setback: 1'-4" from wall to center of post, centered on Boston Ave.

Ref: 6.03 - Installation type INST.3A

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

Future community posting, post by others. (NIC)



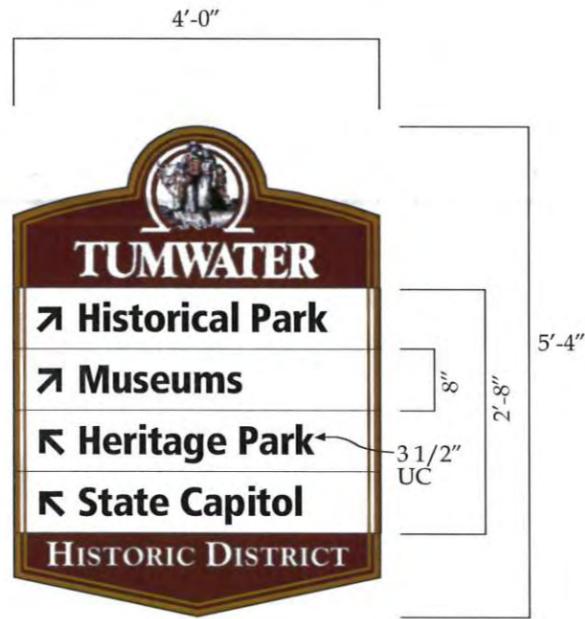
Relocate I-5 directional marker & truck route sign. Coordinate sign location with future traffic signal installation.



Sign to be placed where existing I-5 Directional is located.

Notes:

1. All locations to be field verified prior to installation.



102.VH2

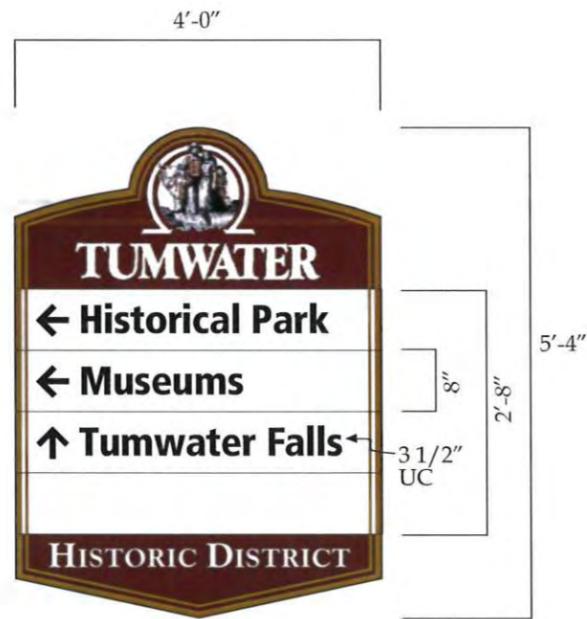
Phase 1A

Deschutes Parkway near Simmons Rd. - NB

Setback: Approx. Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3A

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



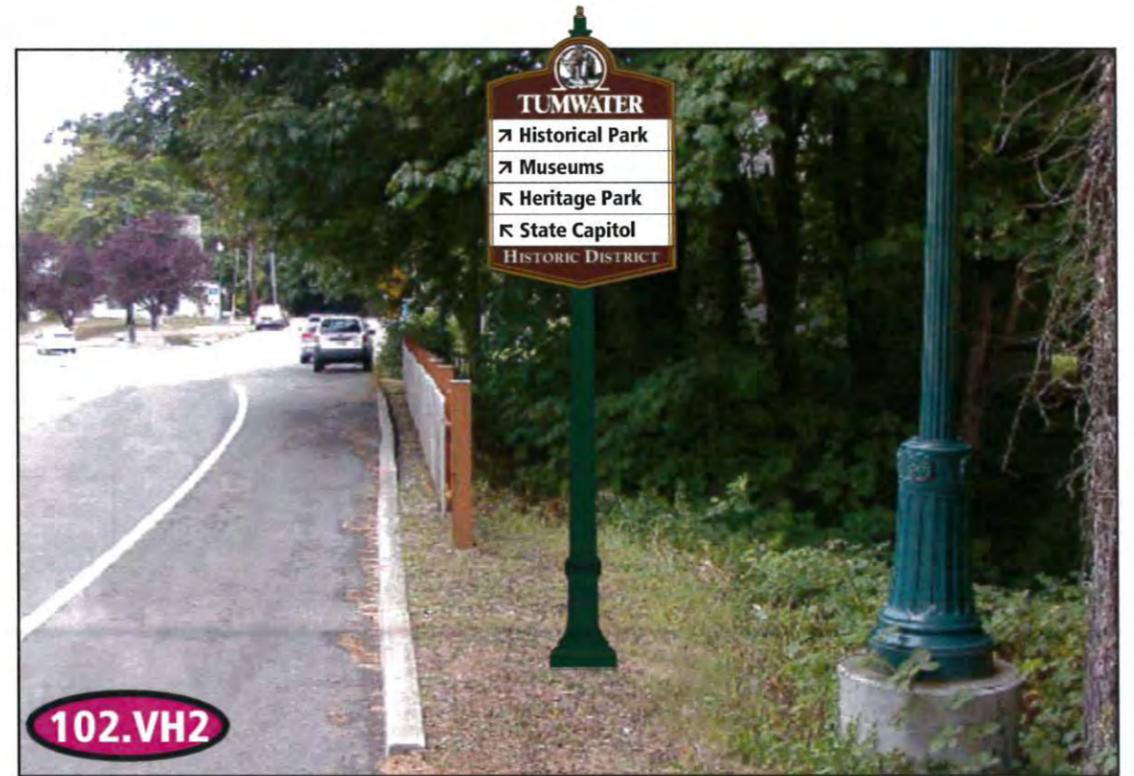
103.VH2

Phase 1A

Deschutes Parkway near Grant St. - SB

Setback: Centered between shoulder & fence
Ref: 6.03 - Installation type INST.3C

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



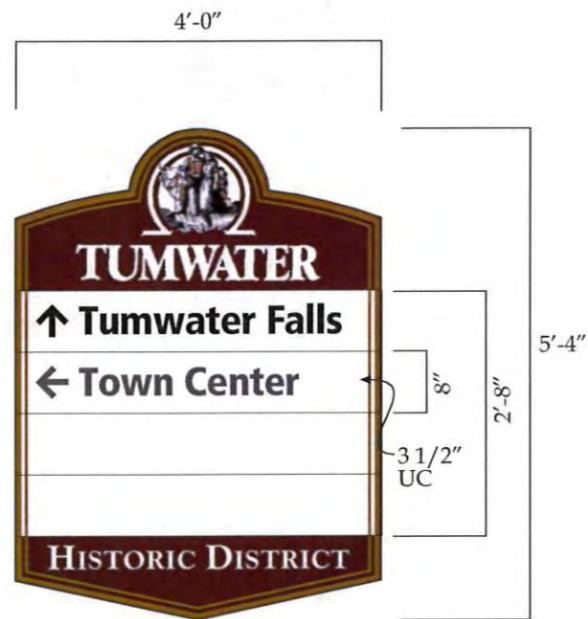
Coordinate sign placement with installation of new sidewalk.



Removal of existing museum sign 50ft. north of this location.

Notes:

1. All locations to be field verified prior to installation.
2. Messages in gray are to be added in Phase 3.



104.VH2

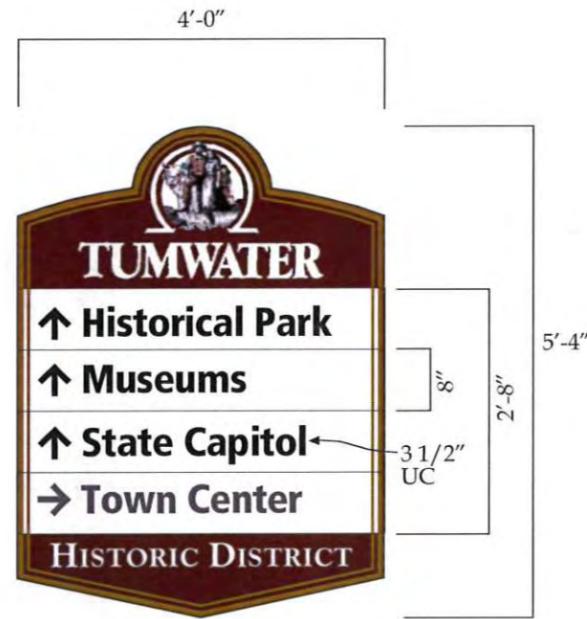
Phase 1B

Deschutes Parkway near Boston St. - SB

Setback: Approx. 65' from stop sign to the south. Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3C

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



105.VH2

Phase 1B

Deschutes Parkway @ Boston St. - NB

Setback: Centered between sidewalk and light fixture.

Ref: 6.01 - Installation type INST.1A

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

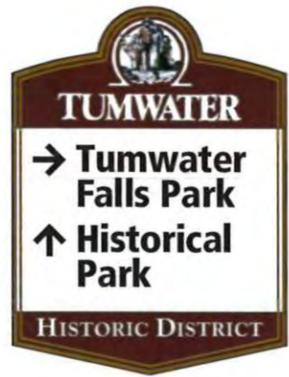


Relocate truck route sign.

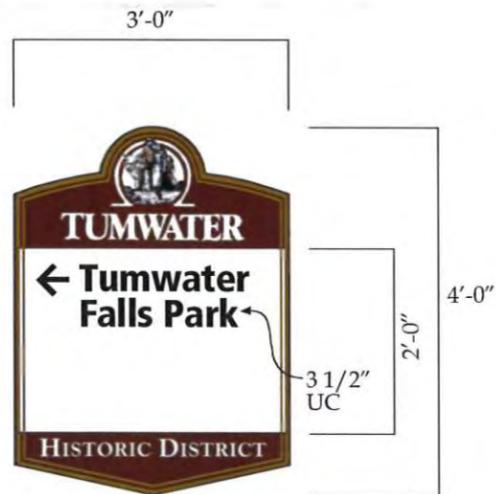


Remove Tumwater historical park museums sign. Coordinate sign location with future traffic signal installation.

- Notes:
 1. All locations to be field verified prior to installation.



SIDE A



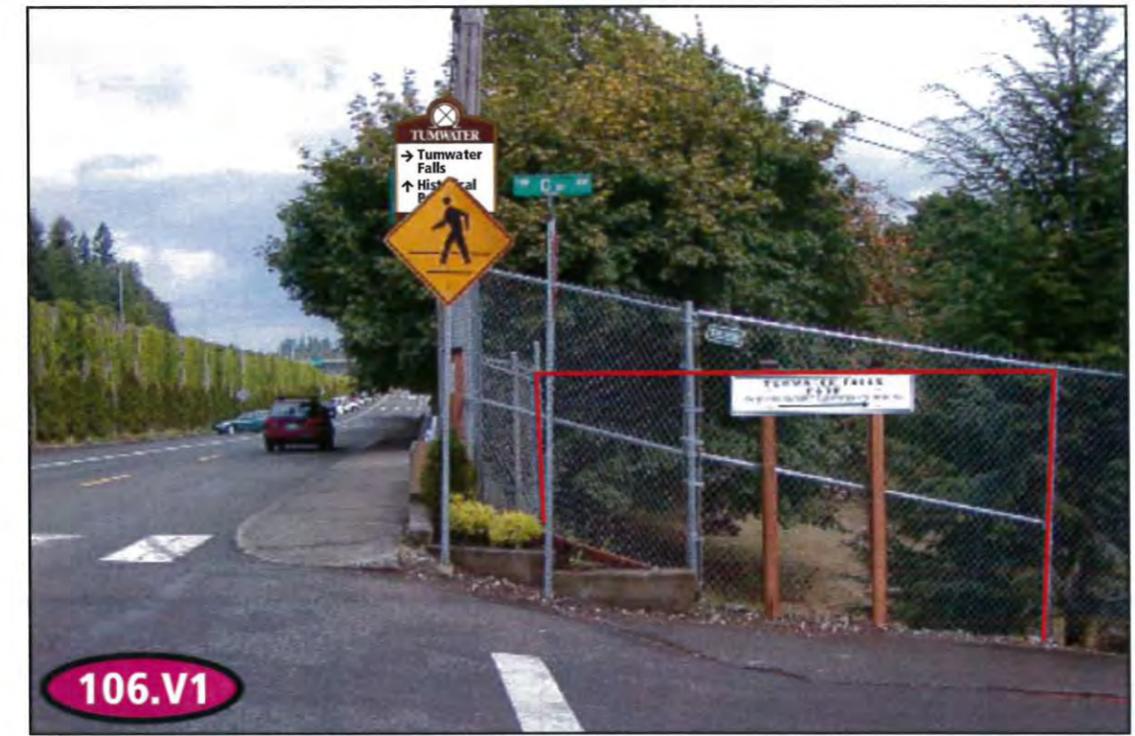
SIDE B

106.V1

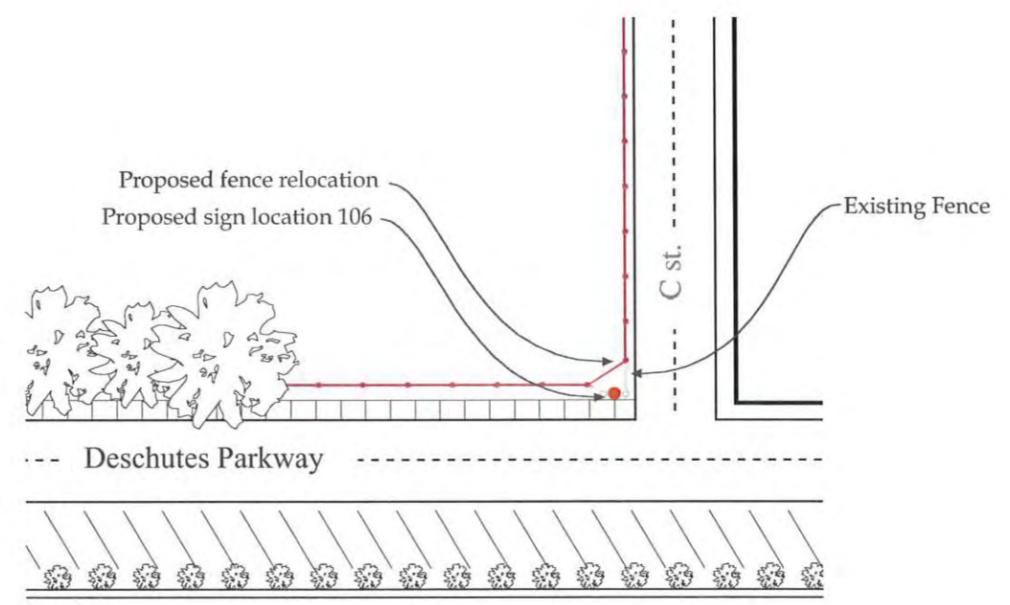
Phase 1A
 Deschutes Parkway @ C St. - NB

Setback:
 Ref: 6.01 - Installation type INST.1B

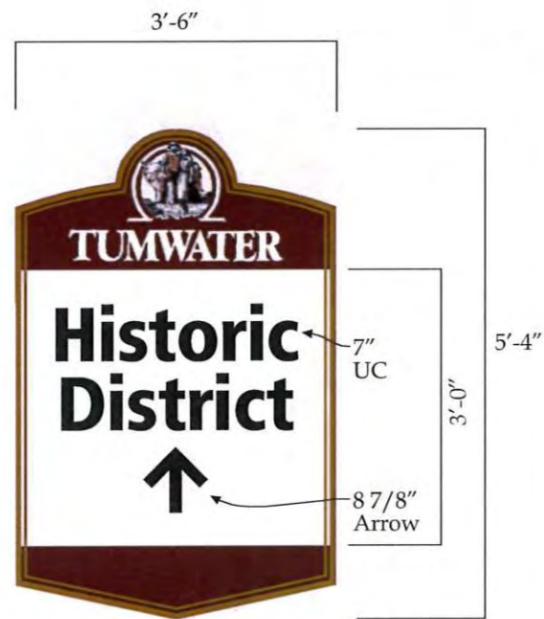
Scale: 1/2" = 1'-0"



Relocate fence line to moved back, roughly a 45 degree angle, to create the necessary room for sign 106. (By others NIC)



- Notes:
 1. All locations to be field verified prior to installation.

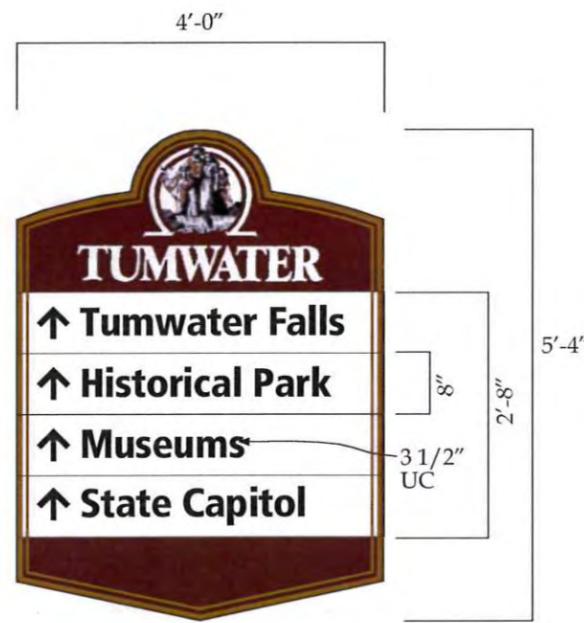


107.T1

Phase 1B
 I-5 exit 103 offramp - NB

Setback: To be located where existing
 Historic District sign is.
 Ref: 6.03 - Installation type INST.3C

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



108.V2

Phase 1A
 Deschutes Parkway @ E St. - NB Interim

Setback: Edge of sign to be no closer to
 2'-0" to edge of road.
 Ref: 6.03 - Installation type INST.3B

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

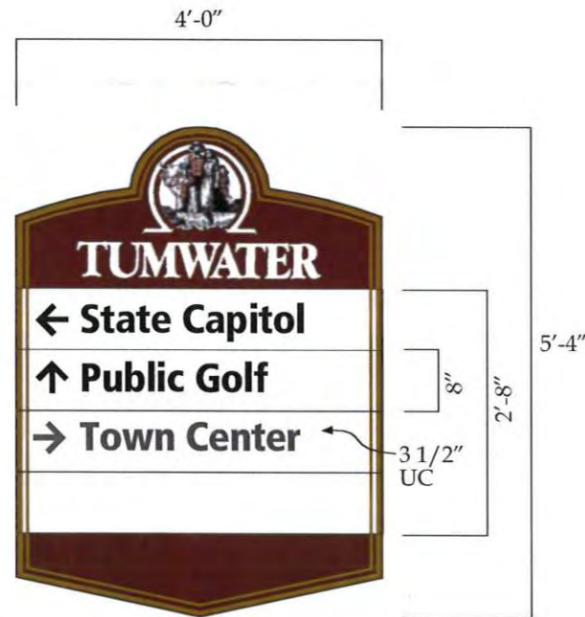


Remove historic area panel, replace with 107. City limit sign in foreground to be replaced in phase 4 with a sign type G3.



Notes:

1. All locations to be field verified prior to installation.
3. Messages in gray are to be added in Phase 3.



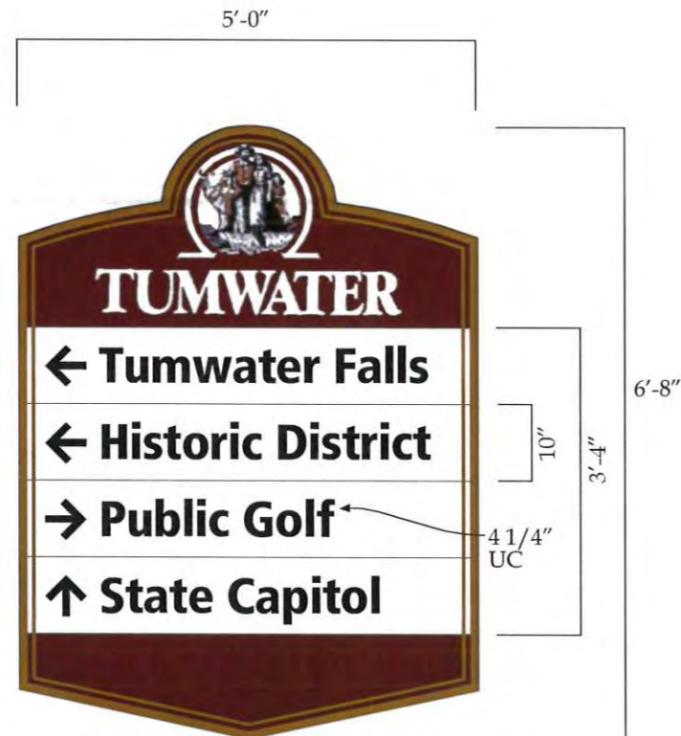
109.V2

Phase 1B
E St. @ Capitol Blvd. - EB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3C

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



110.V3

Phase 1B
Capitol Blvd. @ E St. - SB

Setback: Approx. 325' from intersection to the north.

Ref: 6.01 - Installation type INST.1A

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

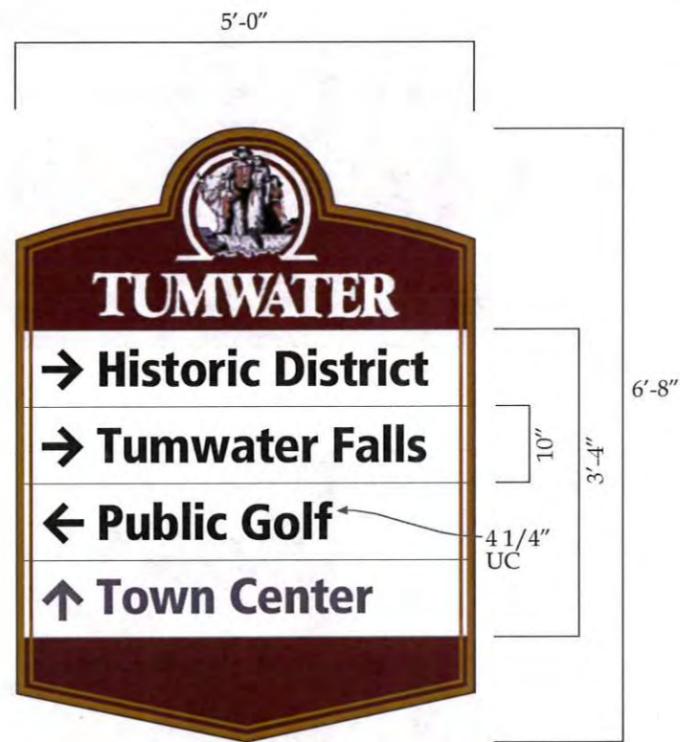


Relocate I-5 directional marker.



110.V3

Notes:
 1. All locations to be field verified prior to installation.



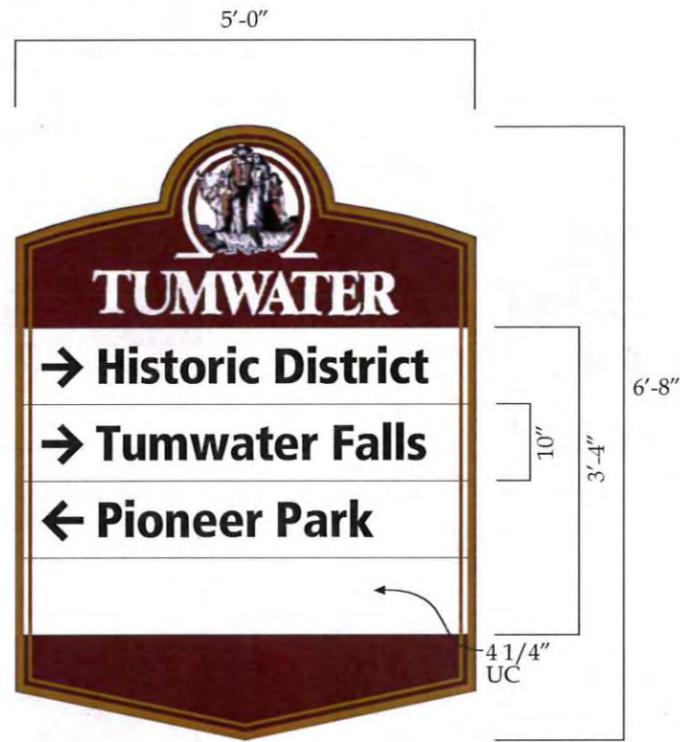
111.V3

Phase 1B
 Capitol Blvd. @ E St. - SB

Setback: Approx. 325' from intersection to the south.

Ref: 6.01 - Installation type INST.1B

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



113.V3

Phase 1B
 Capitol Blvd. @ Custer Way - SB

Setback: Approx. 40' from drive to the southwest

Ref: 6.02 - Installation type INST.2A

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



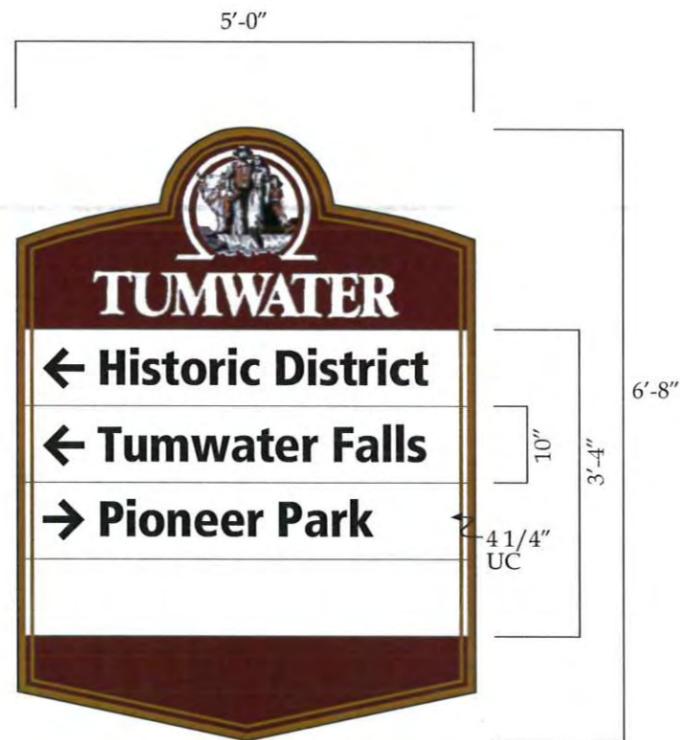
111.V3



113.V3

Notes:

1. All locations to be field verified prior to installation.



112.V3

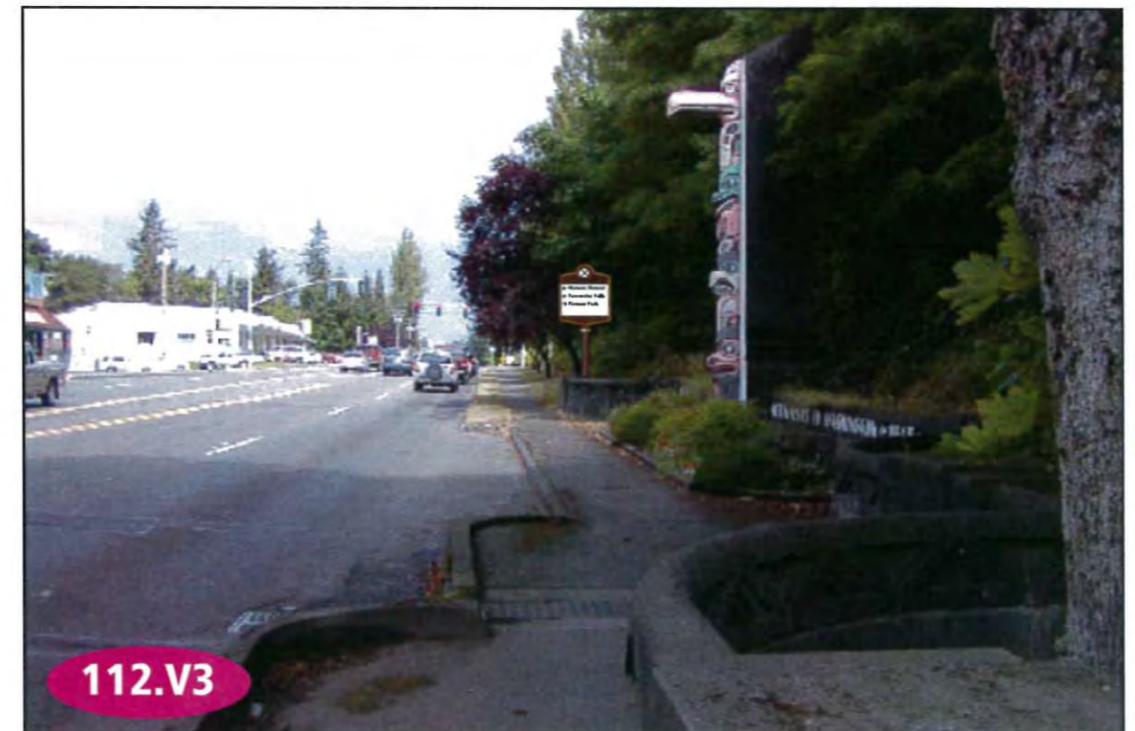
Phase 1B

Capitol Blvd. near Custer Way - NB

Setback: 2nd stone bollard from end of bridge.

Alt Location: In planter strip at southwest end of bridge.

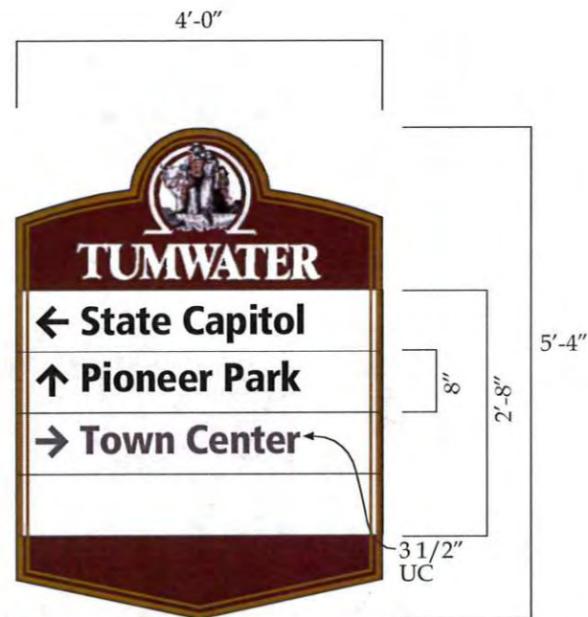
Scale: 1/2" = 1'-0"



Alternative Location

Notes:

1. All locations to be field verified prior to installation.
2. Messages in gray are to be added in Phase 3.



114.V2

Phase 1B

Custer Way @ Schmidt Place - EB

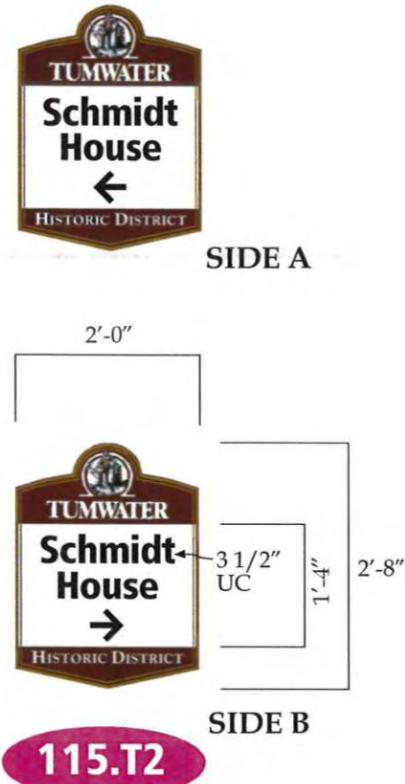
Setback: Approx. 45' east of drive
Ref: 6.01 - Installation type INST.1A

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



Close-Up.

- Notes:
 1. All locations to be field verified prior to installation.



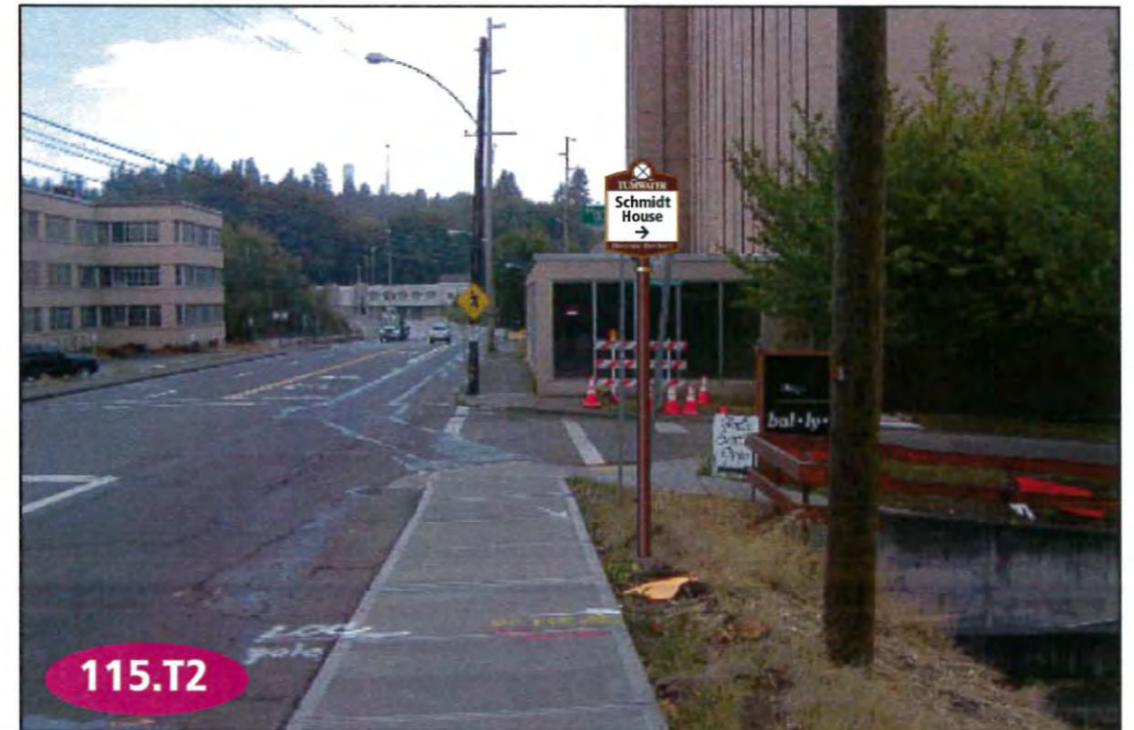
Phase 1B
 Custer Way @ Schmidt Place - EB

Setback: To be located where existing bus stop is.
 Ref: 6.01 - Installation type INST.1B

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



View looking east.



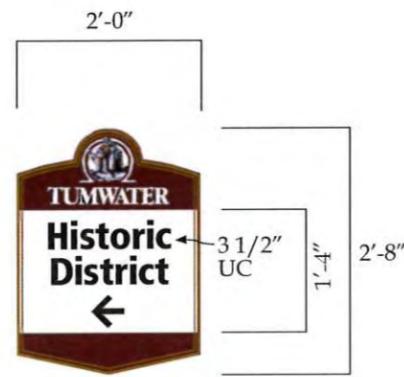
Verify Bus Stop sign can be moved East 10 ft.



Close-Up.

Notes:

1. All locations to be field verified prior to installation.



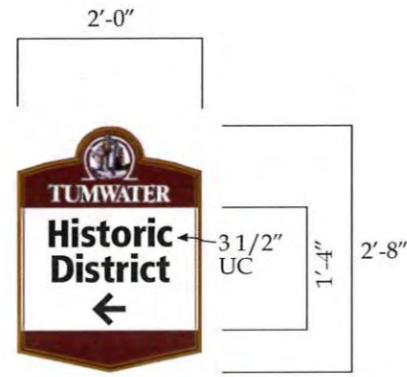
116.T2

Phase 1B

Custer Way @ Boston Ave. - EB

Setback: 2' north of sidewalk.
Ref: 6.01 - Installation type INST.1A

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



118.T2

Phase 1B

Custer Way @ Schmidt Place - EB

Setback: 2' west of sidewalk.
Ref: 6.01 - Installation type INST.1A

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



116.T2

Remove existing sign on pole.

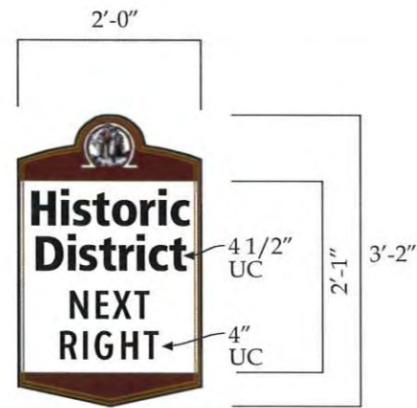


118.T2

Relocate I-5 directional marker.

Notes:

1. All locations to be field verified prior to installation.



117.T3a

Phase 1B

Custer Way near Boston St. EB

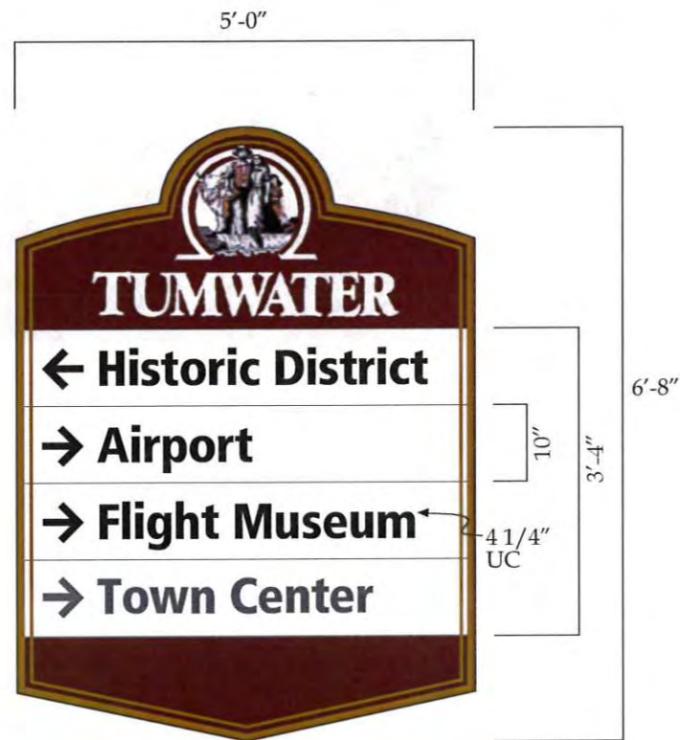
Setback: Mounted to light pole.

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



Notes:

1. All locations to be field verified prior to installation.
2. Messages in gray are to be added in Phase 3.



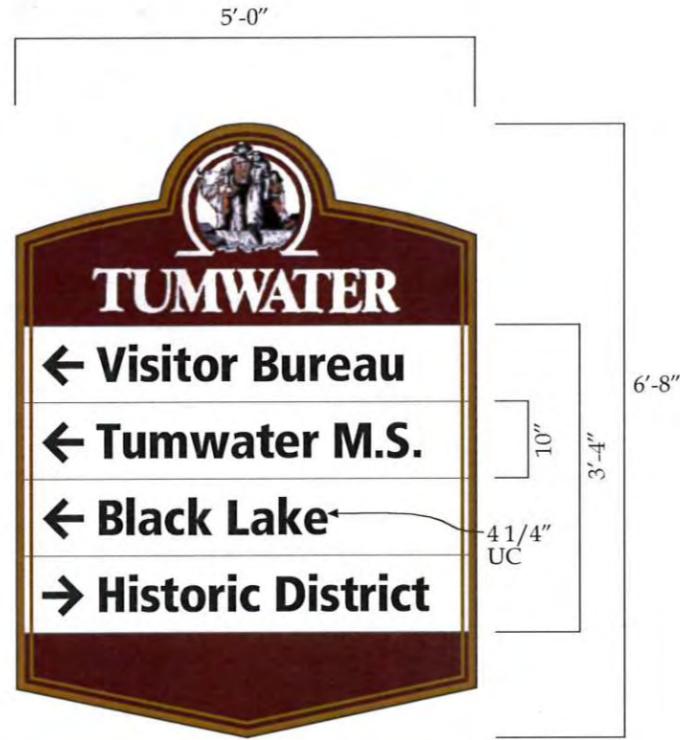
201.V3

Phase 2

Trosper Rd. @ Capitol Blvd. - EB

Setback: Approx. 3' south of sidewalk
Ref: 6.01 - Installation type INST.1A

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



202.V3

Phase 2

Exit 102 @ Trosper Rd. - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
Ref: 6.03 - Installation type INST.3B

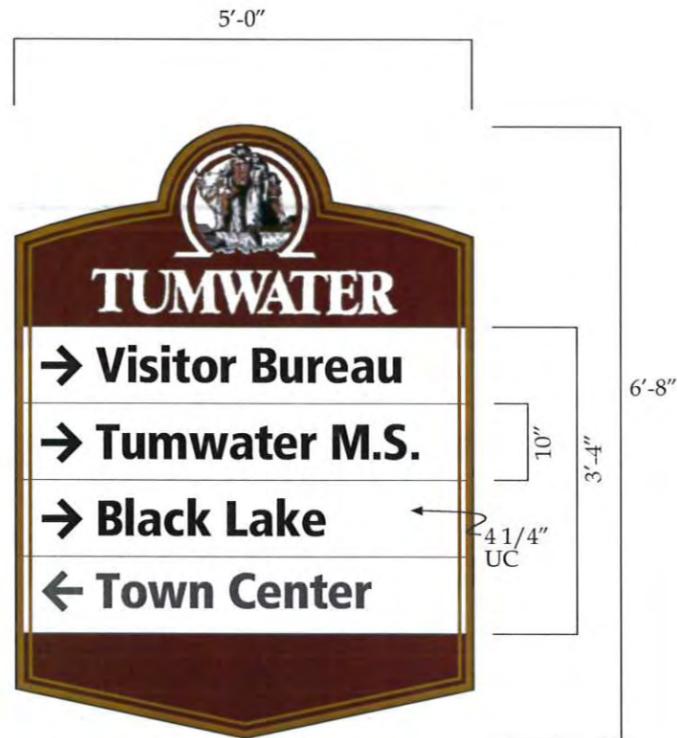
Scale: 1/2" = 1'-0"



There is a conflict with existing Tumwater City monument signage.

Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



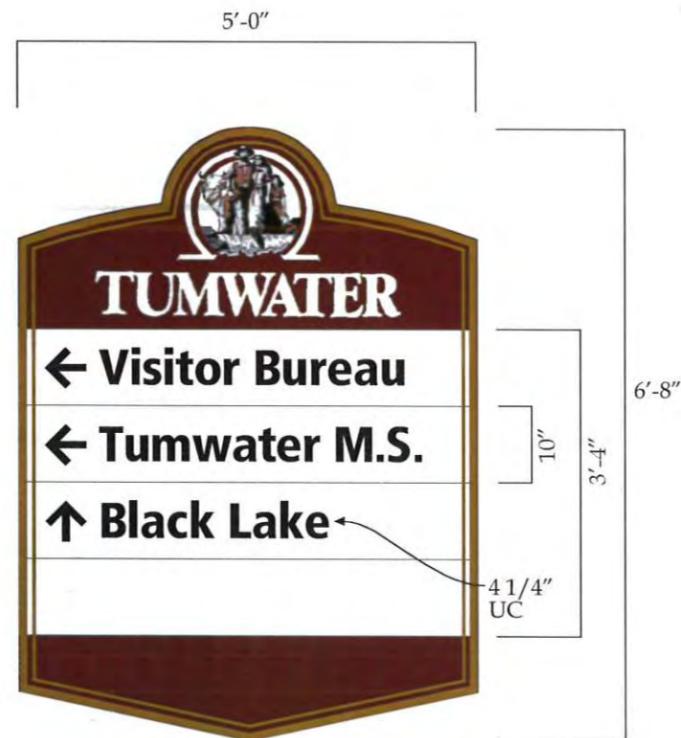
203.V3

Phase 2

Exit 102 @ Trosper Rd. - SB

Setback: To be located where existing sign is.

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



204.V3

Phase 2

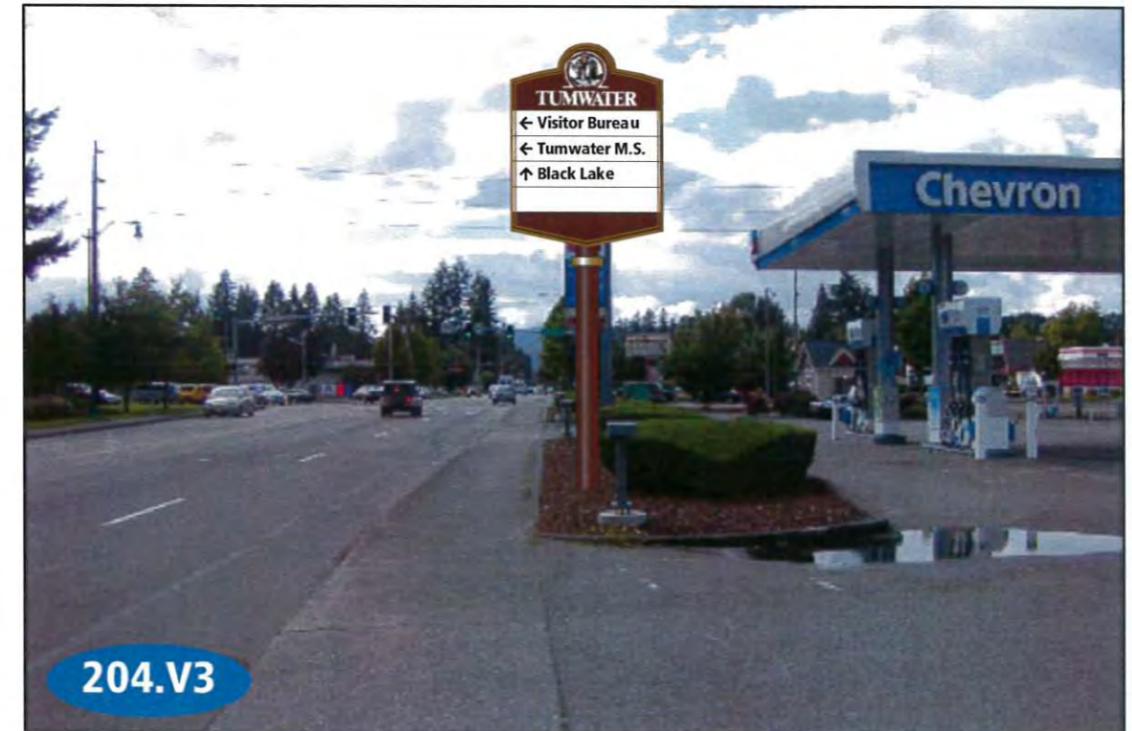
Trosper Rd. @ Littlerock Rd. - WB

Setback: 225' east of intersection.
Ref: 6.02 - Installation type INST.2A

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

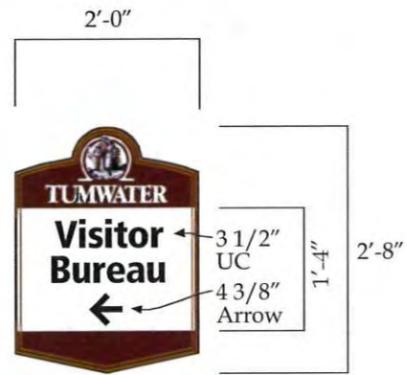


Remove existing sign.



Notes:

1. All locations to be field verified prior to installation.
2. Coordination with property owner needed for both locations 205 & 206.

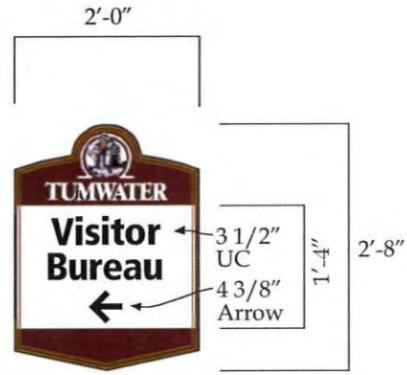


205.T2

Phase 2
In Parking Lot

Setback: To be located at stop sign.
Ref: 6.03 - Installation type INST.3A

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



206.T2

Phase 2
In Parking Lot

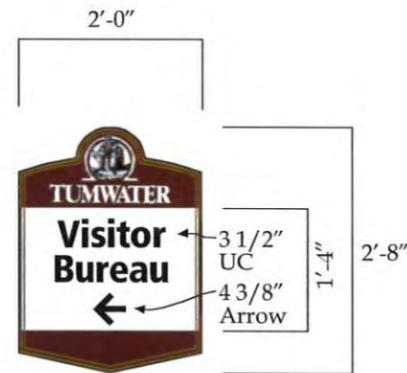
Setback: To be attached to existing
light pole.

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



Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



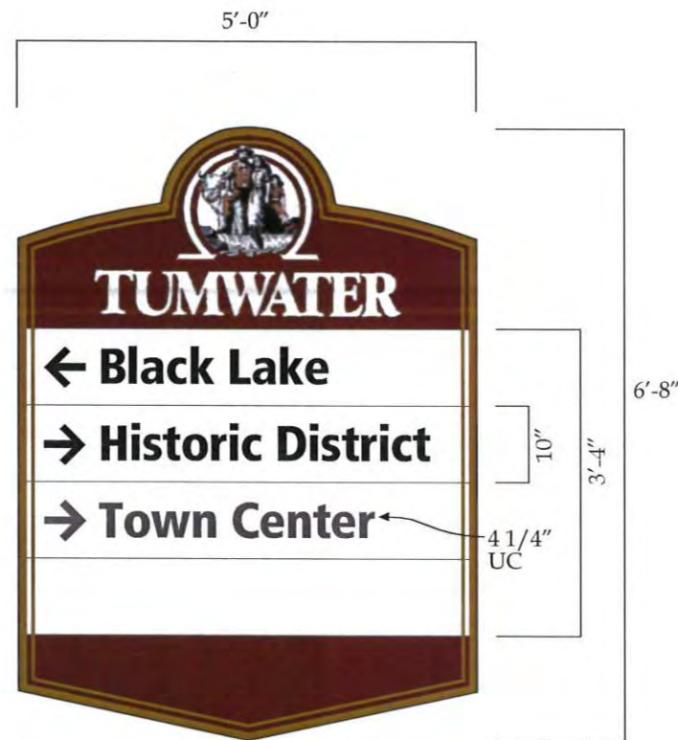
207.T2

Phase 2
Littlerock Rd. - SB

Setback: To be located at existing speed limit sign.

Ref: 6.02 - Installation type INST.2A

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

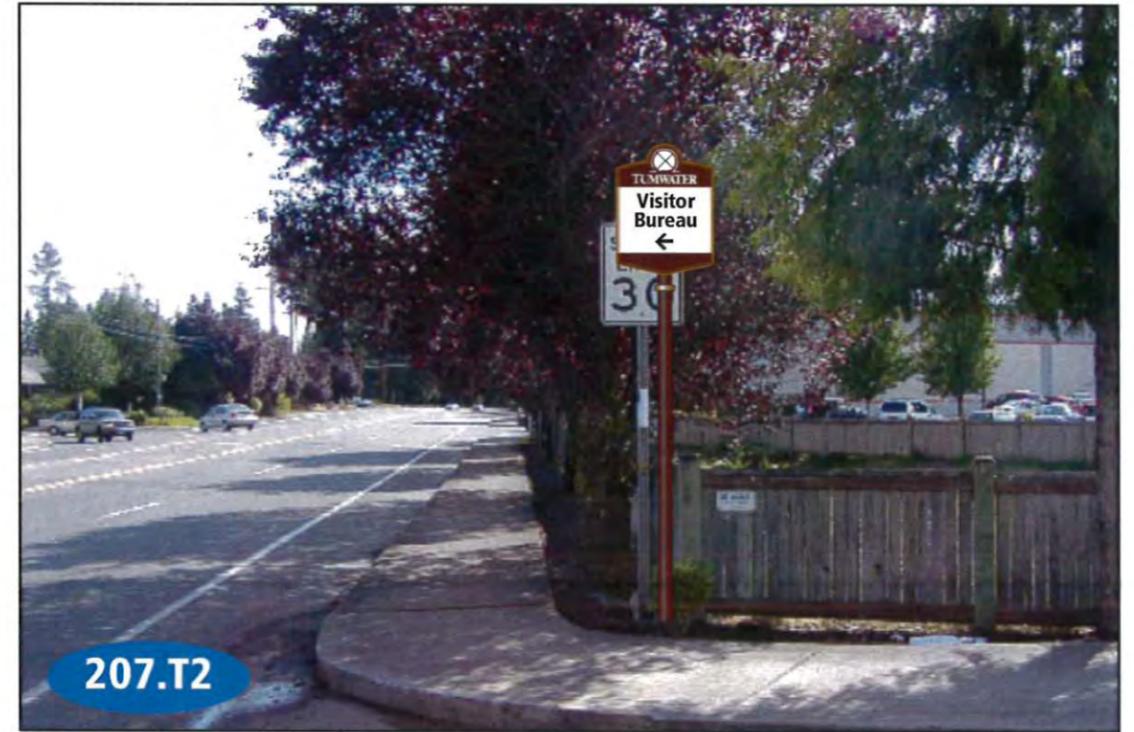


208.V3

Phase 2
Littlerock Rd. @ Trospen Rd. - NB

Setback: Approx. 2' east of sidewalk
Ref: 6.01 - Installation type INST.1A

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



Relocate existing speed limit sign.

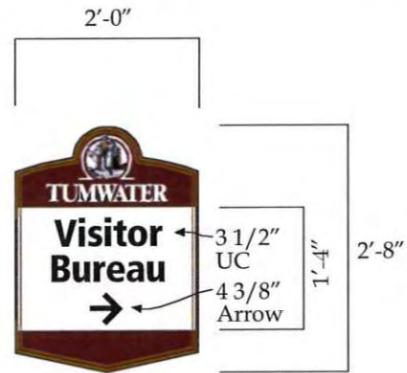


Relocate existing directional signage.

- Notes:
 1. All locations to be field verified prior to installation.



SIDE A



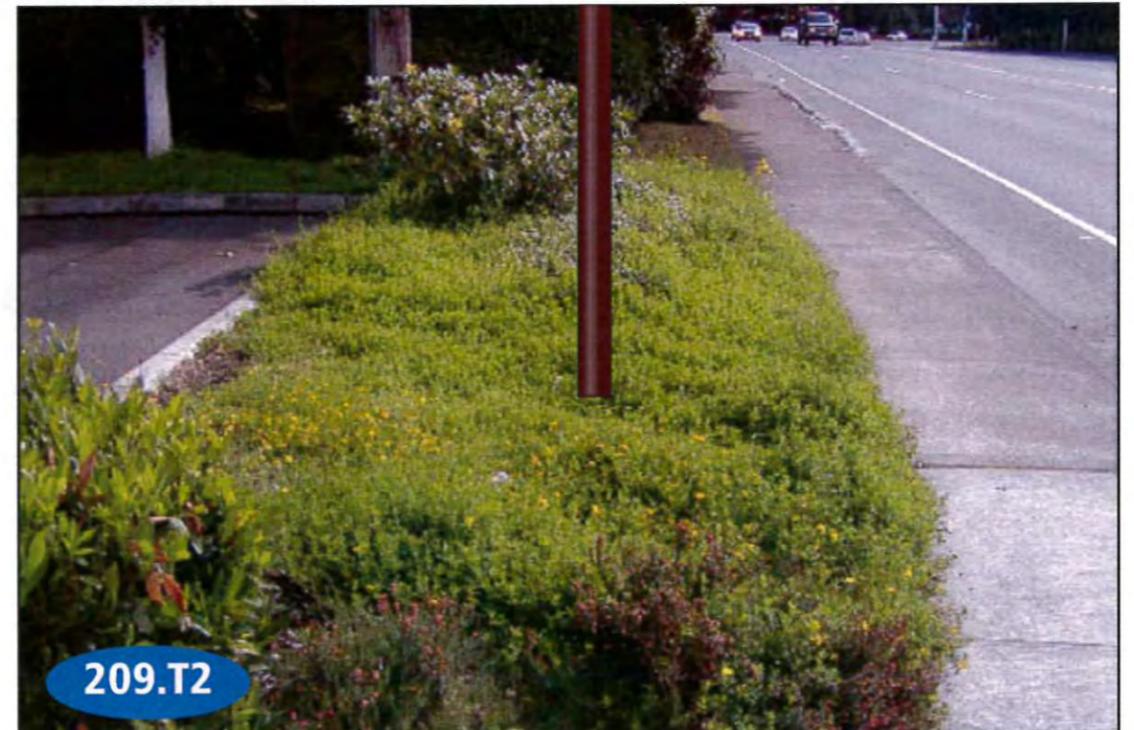
SIDE B



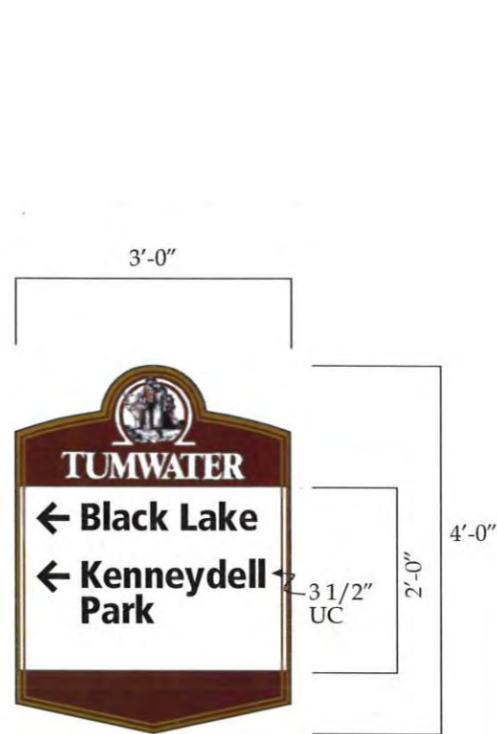
Phase 2
 Littlerock Rd. - SB

Setback: Approx. 2' east of sidewalk
 Ref: 6.02 - Installation type INST.2A

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



- Notes:
 1. All locations to be field verified prior to installation.



210.V1

Phase 2
 49th St. @Black Lake Blvd. - WB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3B

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



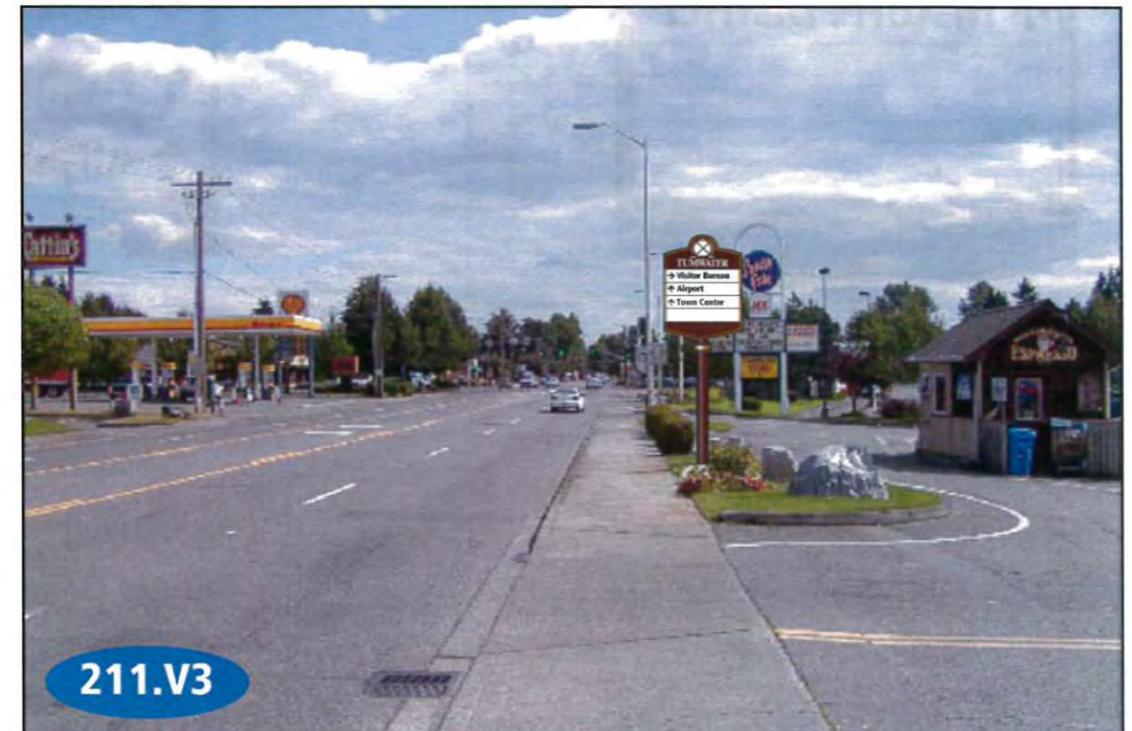
211.V3

Phase 2
 Capitol Blvd. @ Trosper Rd. - SB

Setback: Approx. 400' to intersection to south.

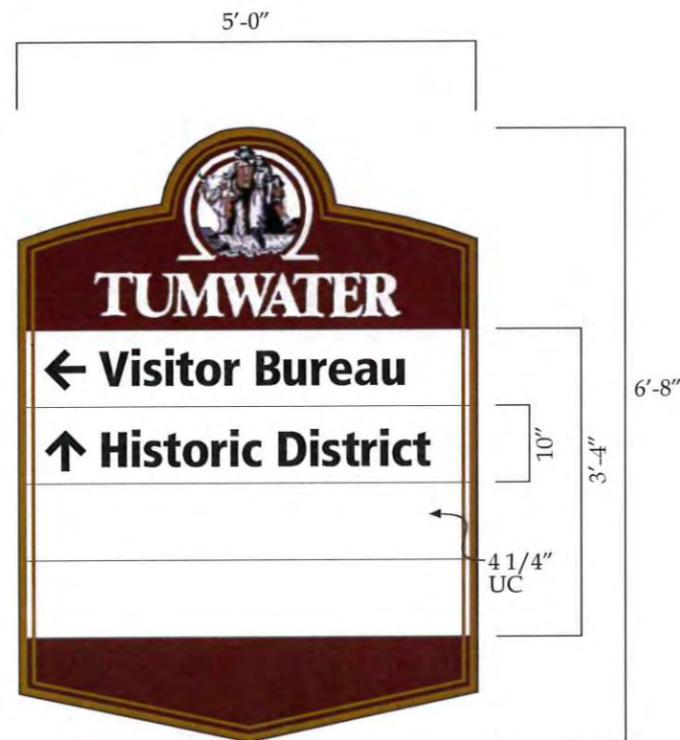
Ref: 6.02 - Installation type INST.2A

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



Notes:

1. All locations to be field verified prior to installation.



212.V3

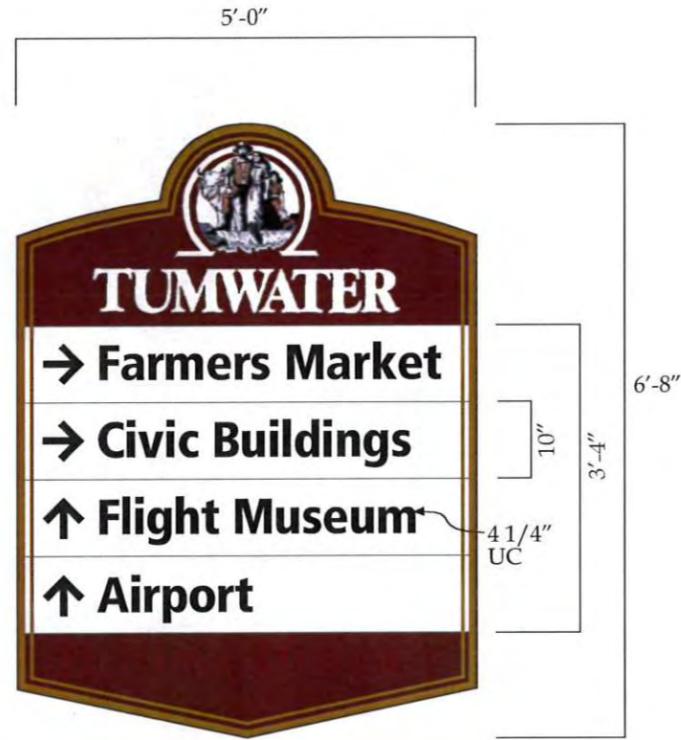
Phase 2

Capitol Blvd. @ Trosper Rd. - NB

Setback: Approx. 575' from Trosper Rd. to north.

Ref: 6.02 - Installation type INST.2A

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



213.V3

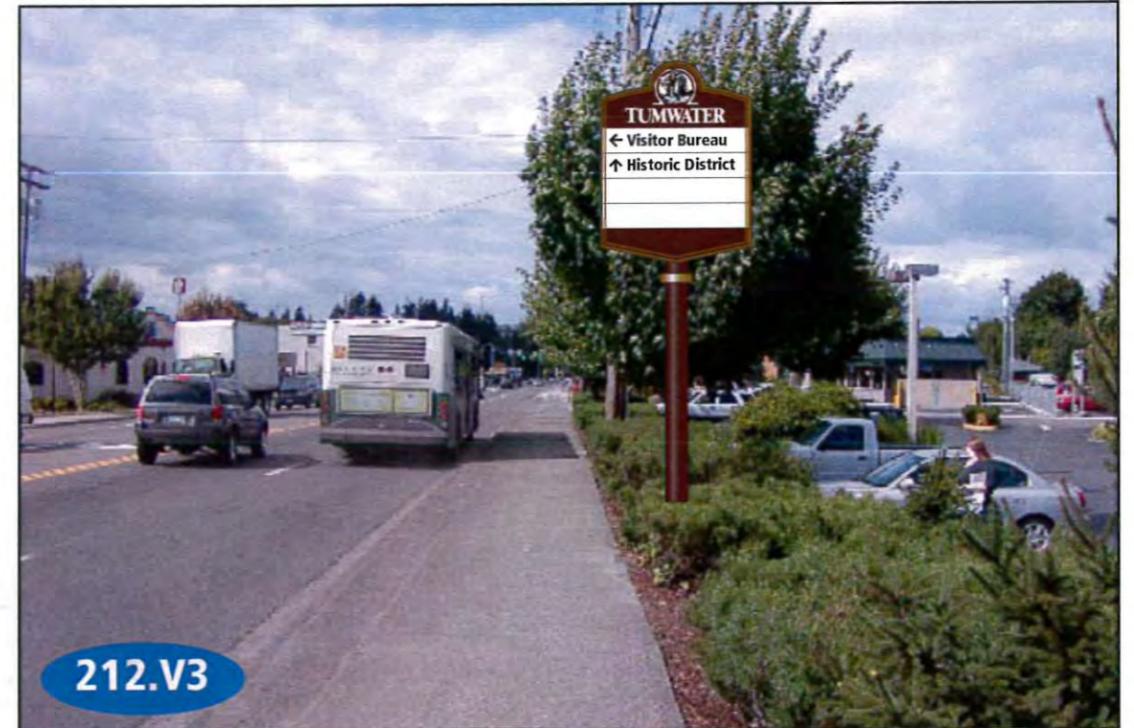
Phase 2

Capitol Blvd. @ Israel Rd. - SB

Setback: Approx. 225' to intersection to south.

Ref: 6.01 - Installation type INST.1A

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

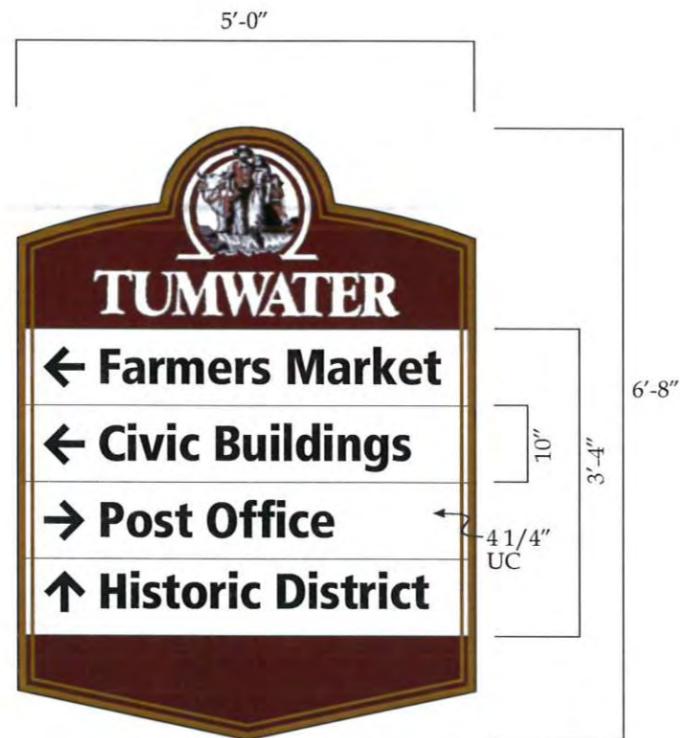


Relocate existing sign.



Notes:

1. All locations to be field verified prior to installation.



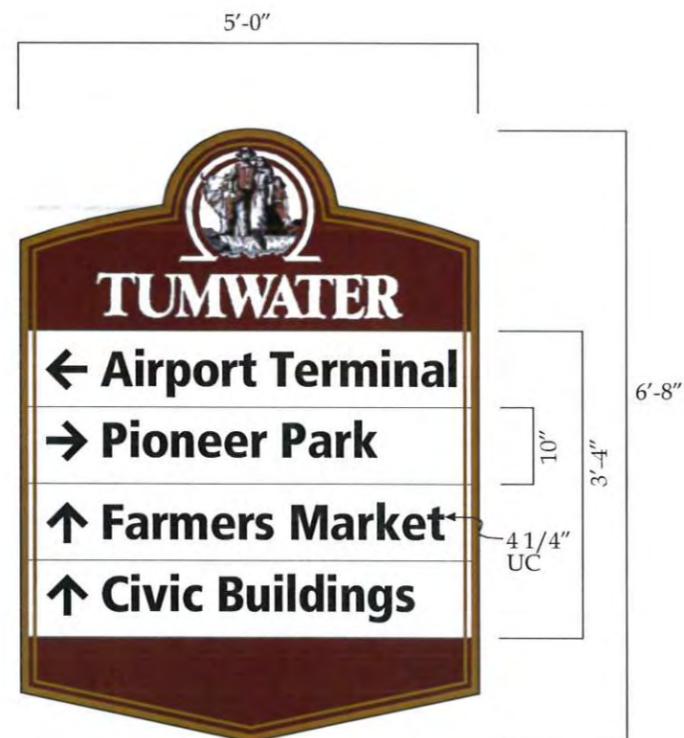
214.VH3

Phase 2

Capitol Blvd. @ Israel Rd. - NB

Setback: 2' east of sidewalk
Ref: 6.01 - Installation type INST.1A

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



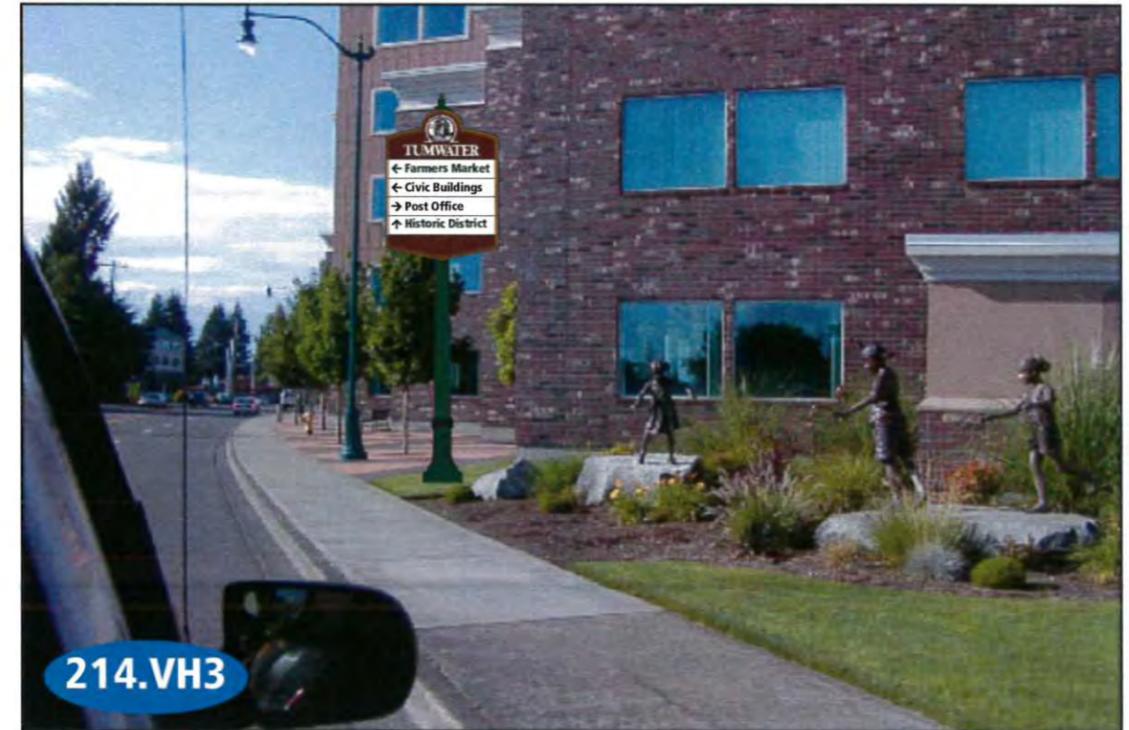
216.V3

Phase 2

Highway 99 @ Tumwater Blvd. - NB

Setback: 425' from intersection to northwest. Edge of sign to be no closer to 2'-0" to edge of road.
Ref: 6.03 - Installation type INST.3A

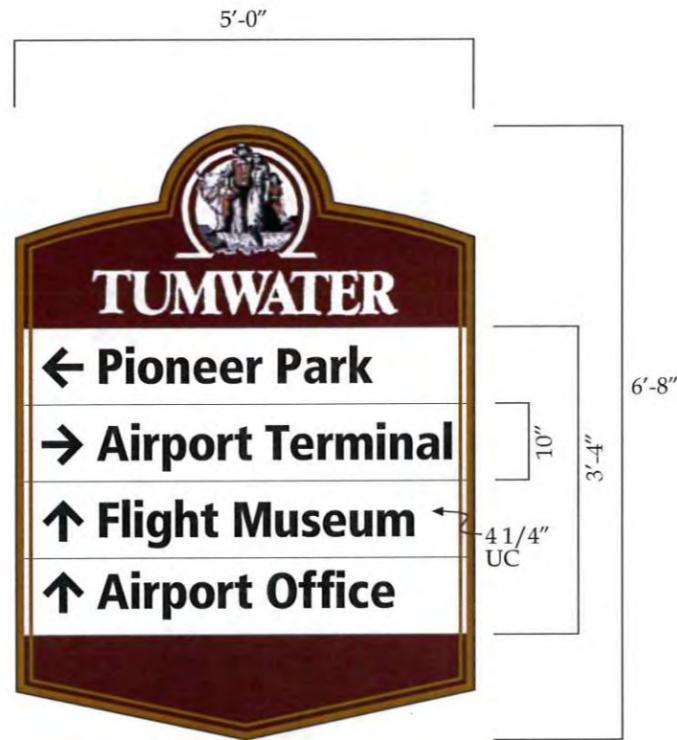
Scale: 1/2" = 1'-0"



Relocate existing sign.

Notes:

1. All locations to be field verified prior to installation.



215.VH3

Phase 2
Capitol Blvd. @ Tumwater Blvd. - SB

Setback: 65' north of hydrant
Ref: 6.01 - Installation type INST.1B

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



220.VH1

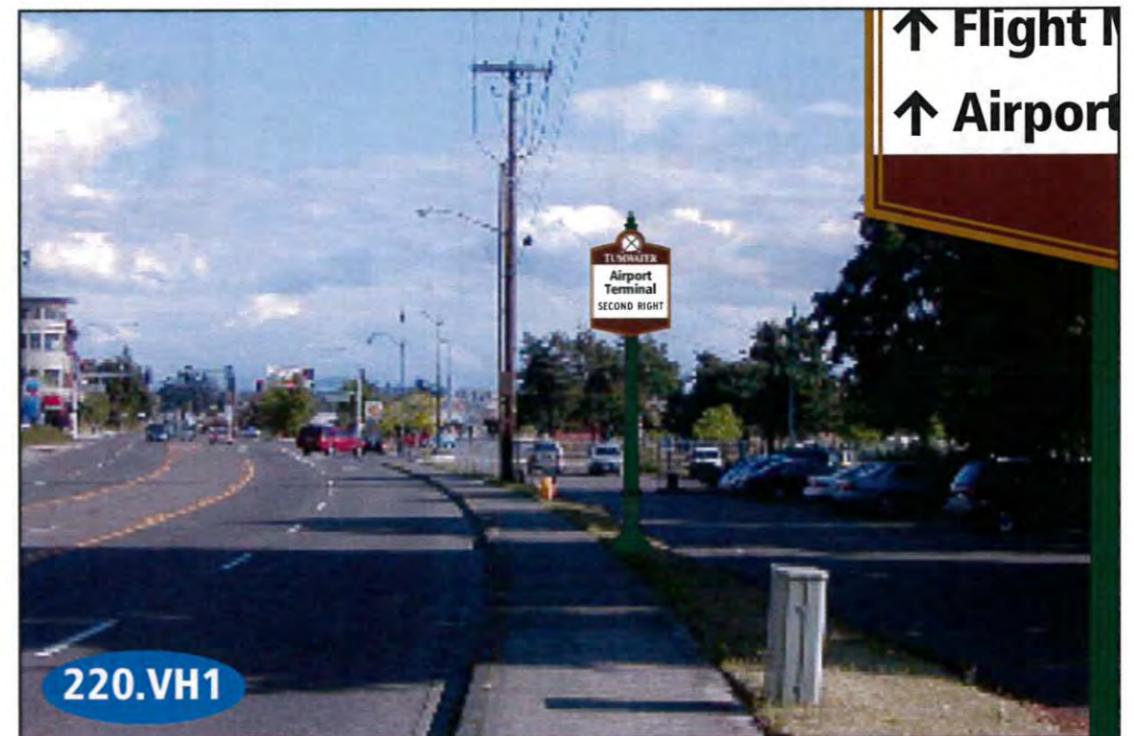
Phase 2
Capitol Blvd. @ Tumwater Blvd. - SB

Setback: 25' north of hydrant
Ref: 6.01 - Installation type INST.1B

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



215.VH3



220.VH1

Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



217.V3

Phase 2

Highway 99 @ Henderson Blvd. - SB

Setback: Approx. 325' to intersection to southeast. Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3B

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



218.V3

Phase 2

Highway 99 @ Airport Ct. - NB

Setback: Approx. 65' to intersection to northwest. Edge of sign to be no closer to 2'-0" to edge of road.

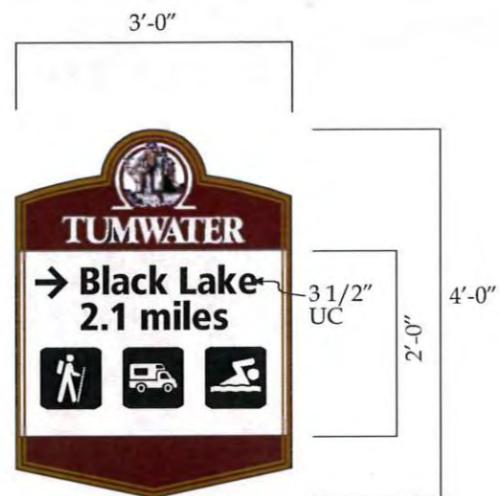
Ref: 6.03 - Installation type INST.3B

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



Notes:

1. All locations to be field verified prior to installation.



219.V1

Phase 2

54th Ave. & Trospen Rd.

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

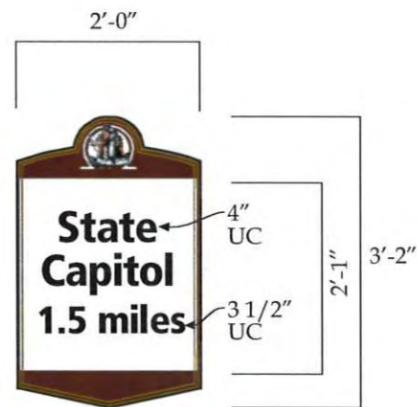
Ref: 6.03 - Installation type INST.3B

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



Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



221.T3b

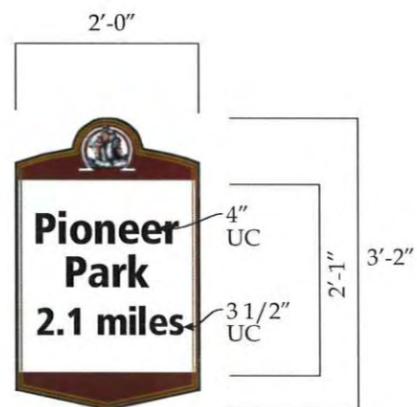
Phase 2

Capitol Blvd. @ Custer Way - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3B

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



222.T3b

Phase 2

Custer Way @ Capitol Blvd. - EB

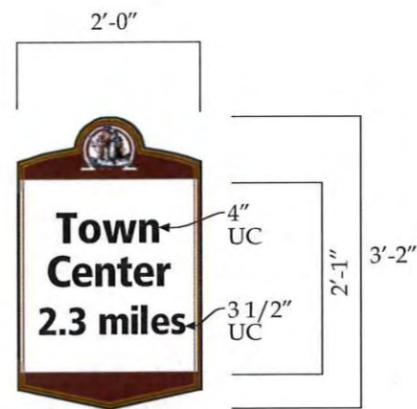
Setback: Approx. 2' from sidewalk
Ref: 6.01 - Installation type INST.1A

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



Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



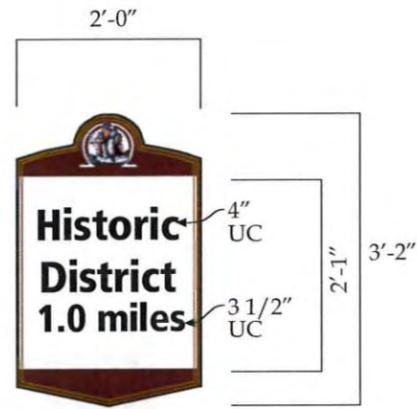
223.T3b

Phase 2

Capitol Blvd. @ Custer Way - SB

Setback: Mounted to light pole.

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



224.T3b

Phase 2

Capitol Blvd. @ M St. - NB

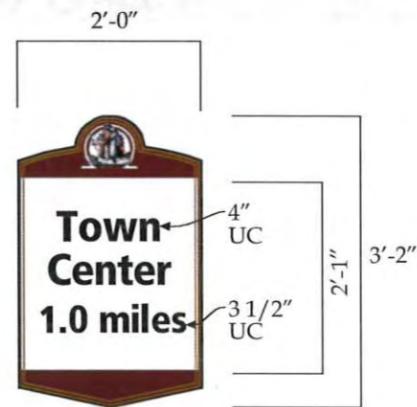
Setback: Approx. 2' to sidewalk
Ref: 6.02 - Installation type INST.2B

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



Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.

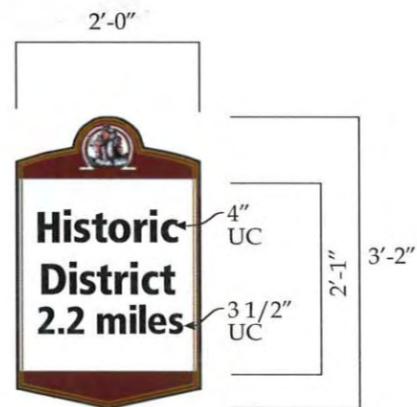


225.T3b

Phase 2

Capitol Blvd. @ Trosper Ave. - SB

Setback: Approx. 6' to curb
 Ref: 6.02 - Installation type INST.2A
 Scale: 1/2" = 1'-0"

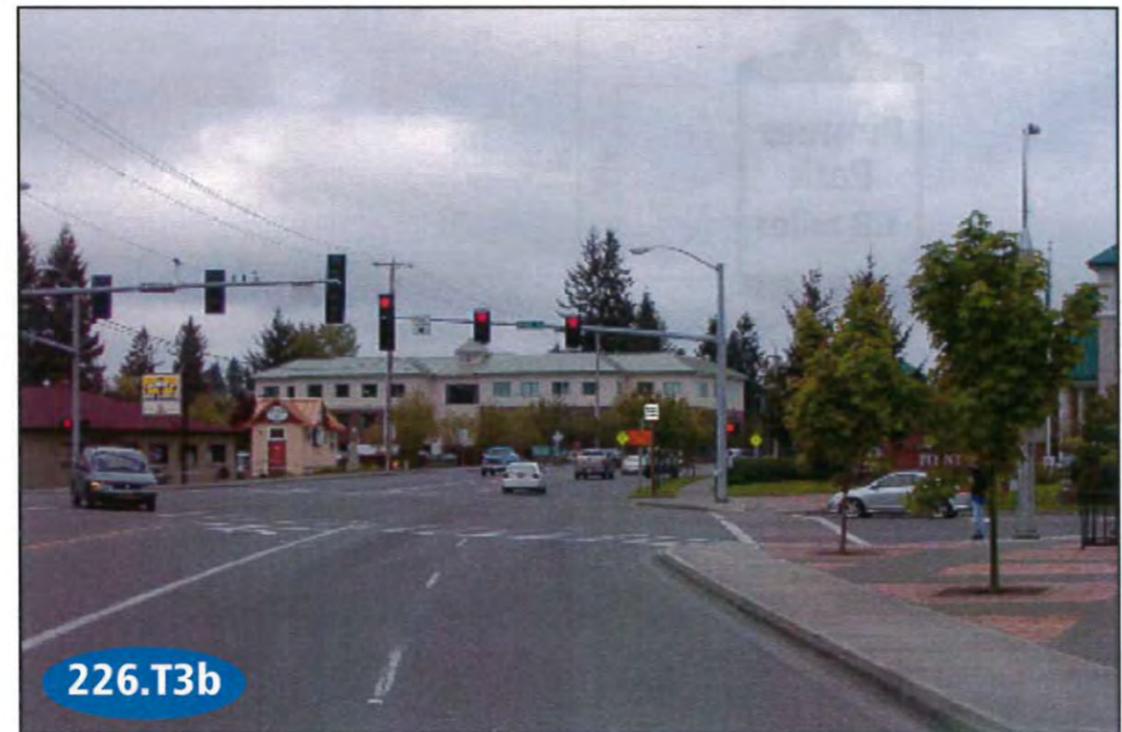


226.T3b

Phase 2

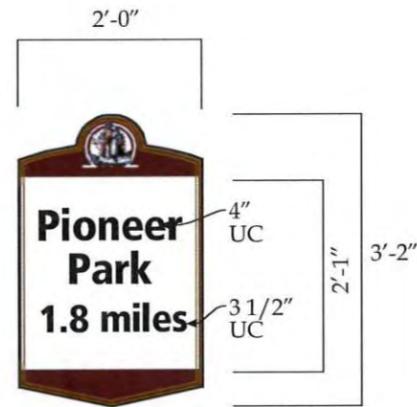
Capitol Blvd. @ Israel Rd. - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Ref: 6.03 - Installation type INST.1A
 Scale: 1/2" = 1'-0"



Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



227.T3b

Phase 2

Tumwater Blvd. @ Capitol Blvd. - EB

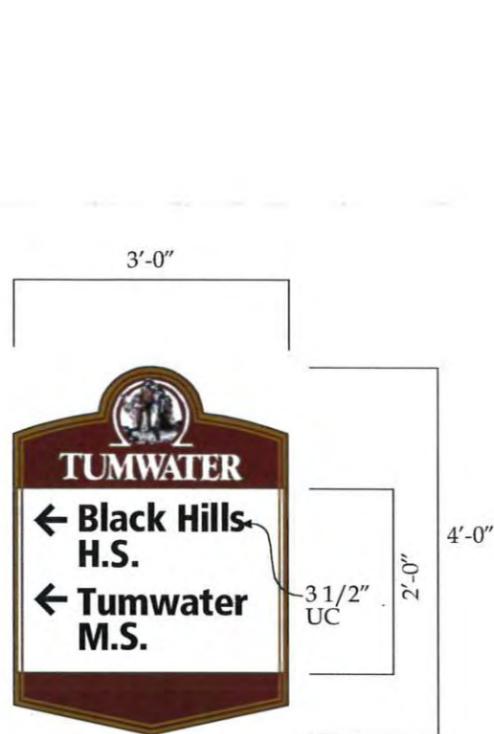
Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3C

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

Notes:

1. All locations to be field verified prior to installation.



301.V1

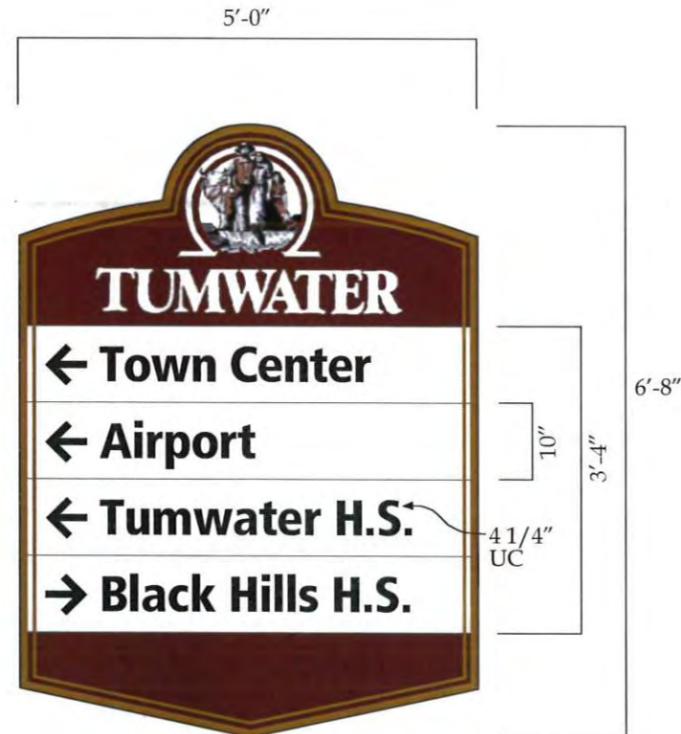
Phase 3

Tumwater Blvd. @ Littlerock Rd. - WB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3B

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



302.V3

Phase 3

Exit 101 @ Tumwater Blvd. - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road. Centered between guide sign & pole mounted sign

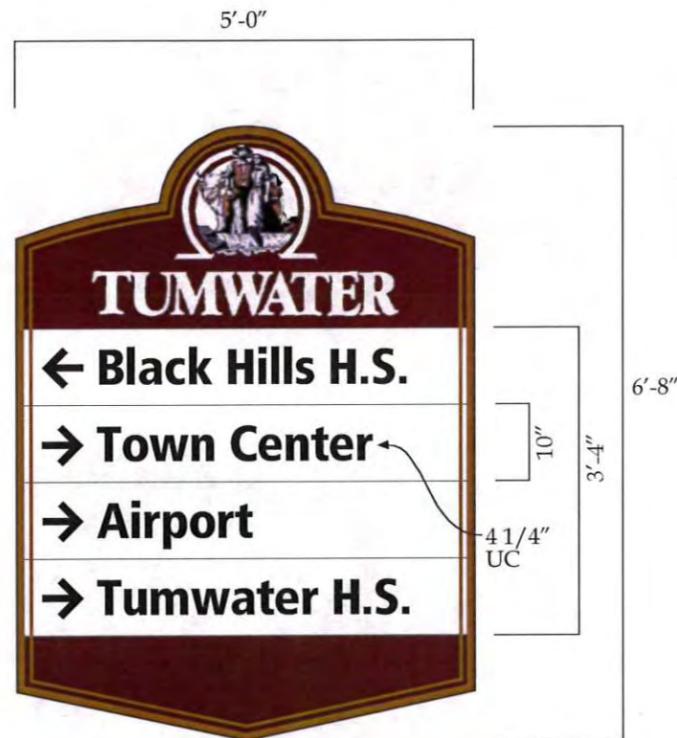
Ref: 6.03 - Installation type INST.3B

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



Notes:

1. All locations to be field verified prior to installation.



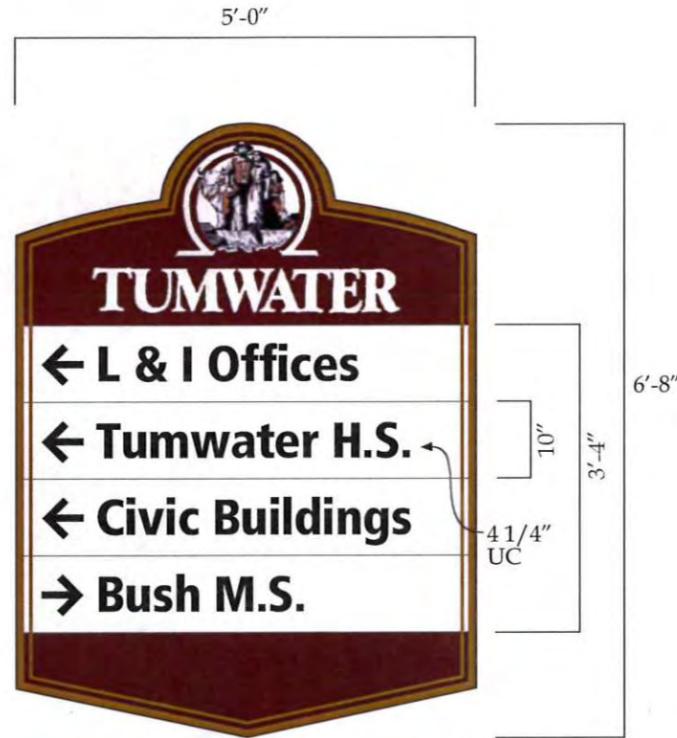
303.V3

Phase 3
Exit 101 @ Tumwater Blvd. - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3B

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



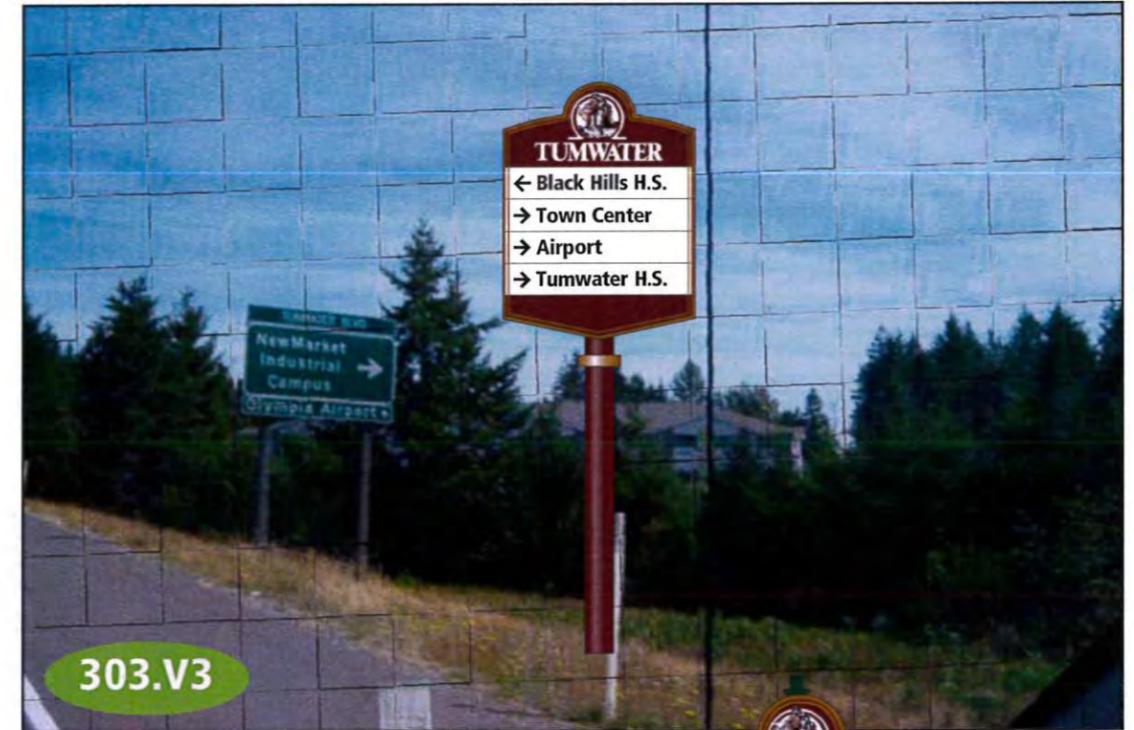
304.VH3

Phase 3
Tumwater Blvd. @ Center St. - EB

Setback: Centered between historic light poles, and in line with them.

Ref: 6.02 - Installation type INST.2A

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

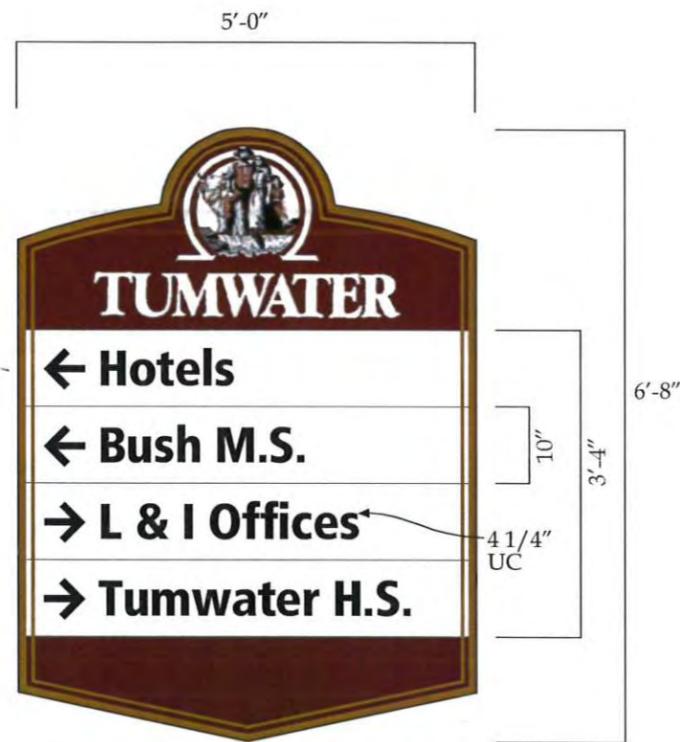


303.V3



304.VH3

- Notes:
 1. All locations to be field verified prior to installation.



SIDE A

305.VH3

Phase 3
 Tumwater Blvd. between
 Center St. & NewMarket St. - WB

Setback: Centered on median
 Ref: 6.03 - Installation type INST.3A

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



SIDE B

305.VH3

Phase 3
 Tumwater Blvd. between
 Center St. & NewMarket St. - WB

Setback: Centered on median
 Ref: 6.03 - Installation type INST.3A

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



Remove existing sign.



Notes:

1. All locations to be field verified prior to installation.
2. Message in gray are to be added in Phase 3.



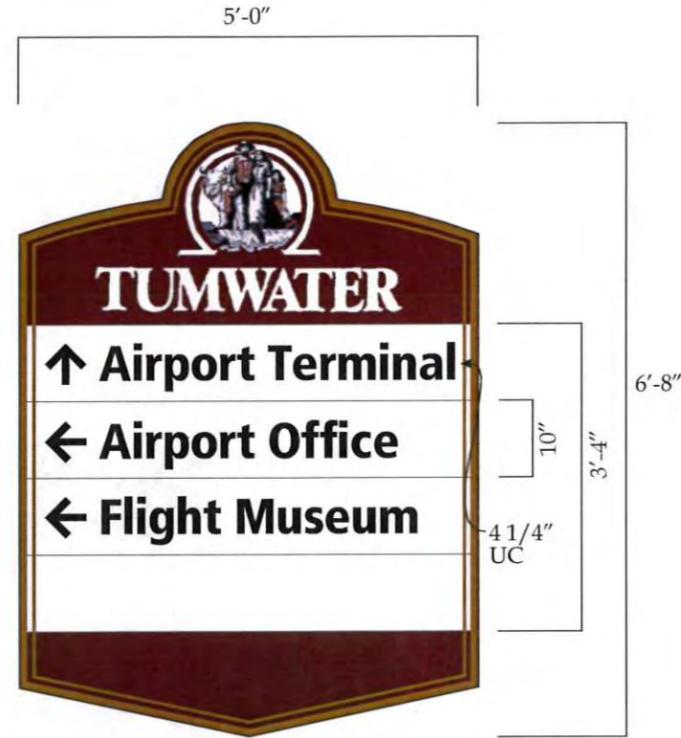
306.VH3

Phase 3

Tumwater Blvd. between Center St. & NewMarket St. - EB

Setback: Centered on median
Ref: 6.03 - Installation type INST.3A

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



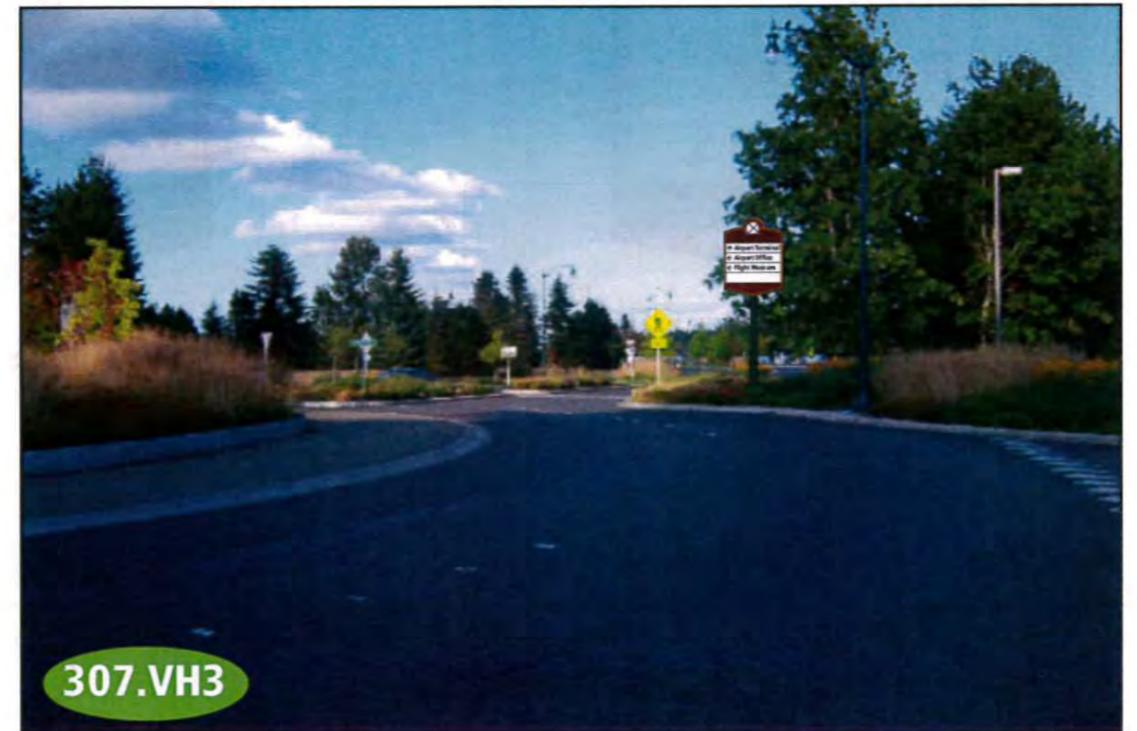
307.VH3

Phase 3

NewMarket St @ Tumwater Blvd. - SB

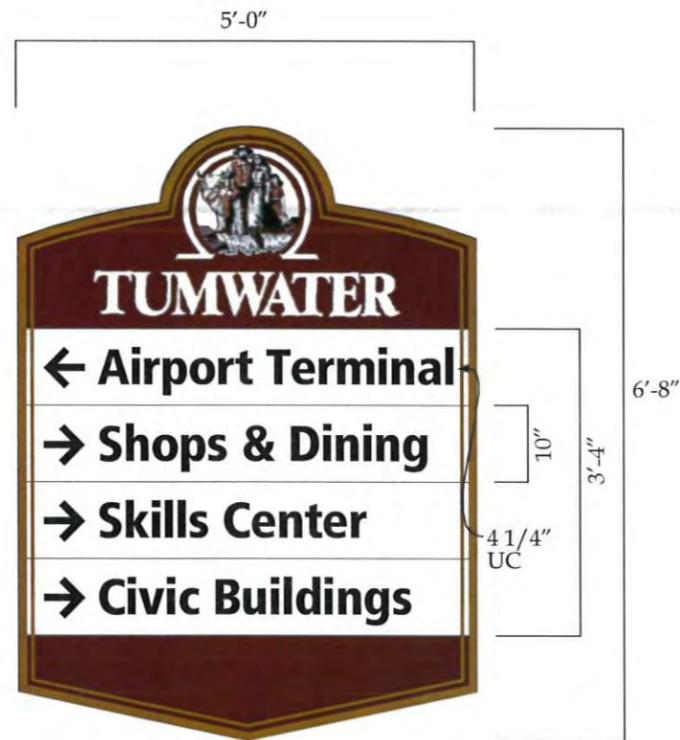
Setback: Edge of sign to be no closer to 2'-0" to edge of road.
Ref: 6.03 - Installation type INST.3C

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



Notes:

1. All locations to be field verified prior to installation.
2. Messages in gray are to be added in Phase 3.



308.VH3

Phase 3

NewMarket St @ Tumwater Blvd. -WB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3C

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



309.VH3

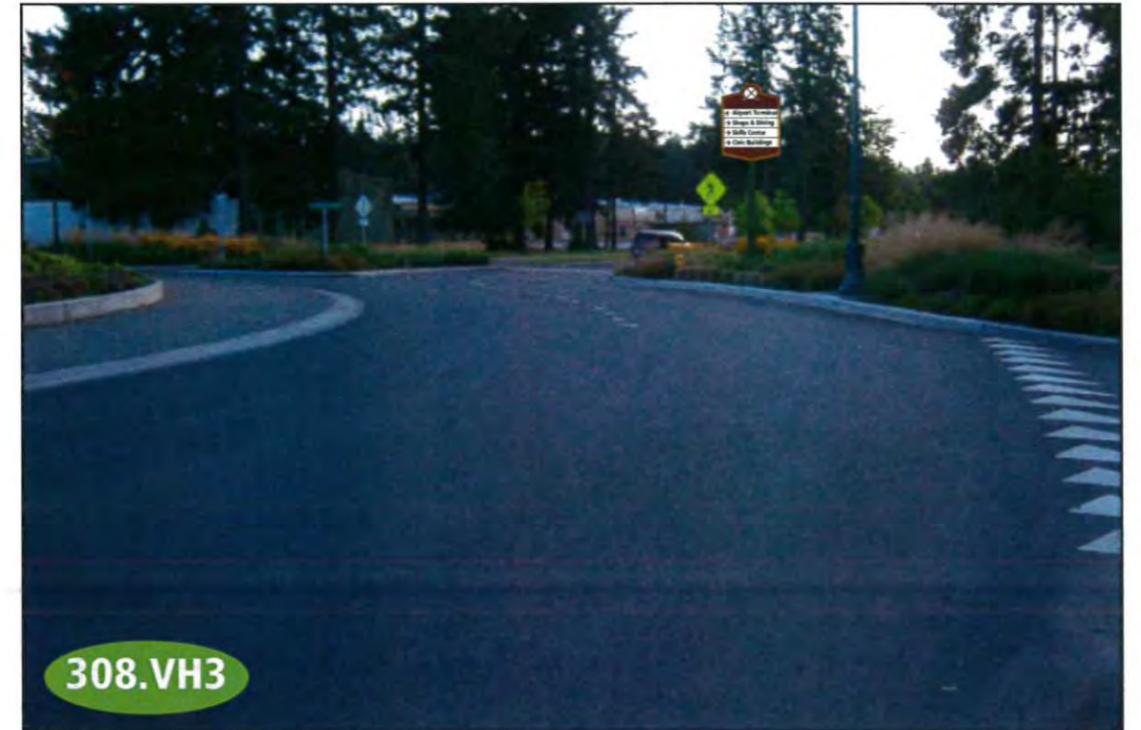
Phase 3

NewMarket St @ Tumwater Blvd. - EB

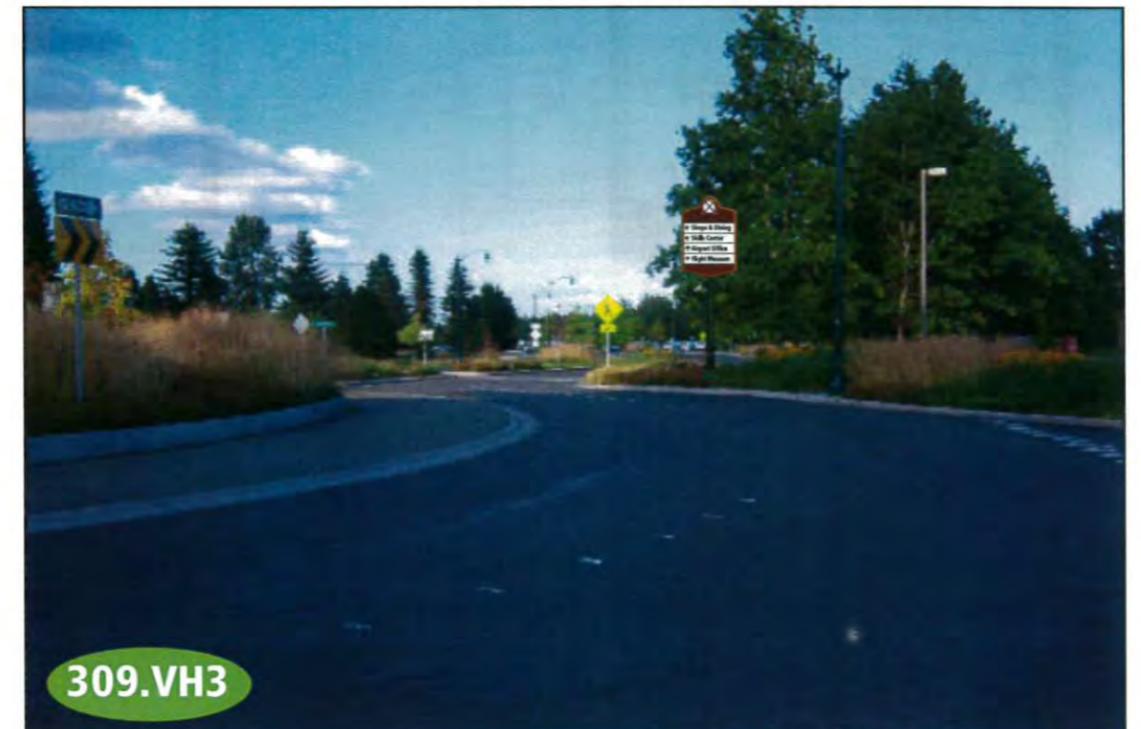
Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3C

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



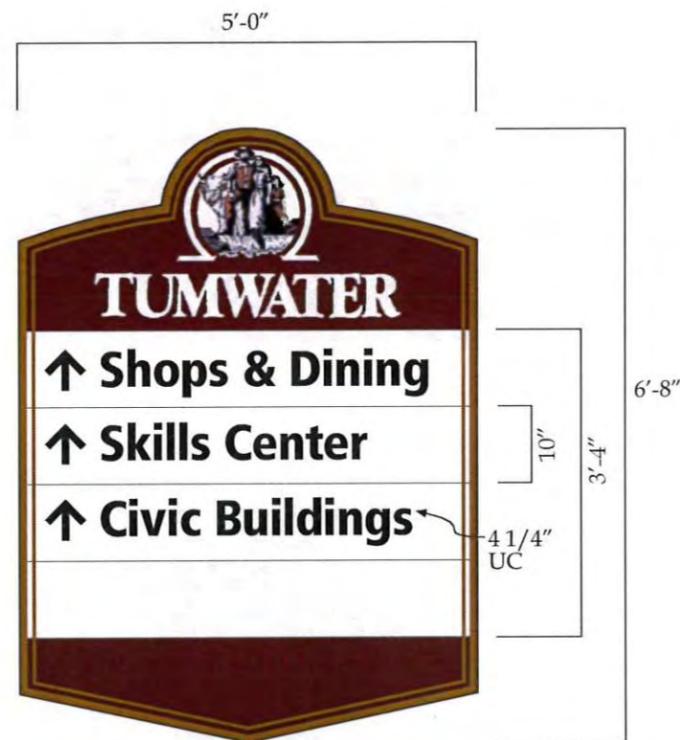
308.VH3



309.VH3

Notes:

1. All locations to be field verified prior to installation.



310.VH3

Phase 3

NewMarket St @ Tumwater Blvd. - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road

Ref: 6.03 - Installation type INST.3C

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



311.VH3

Phase 3

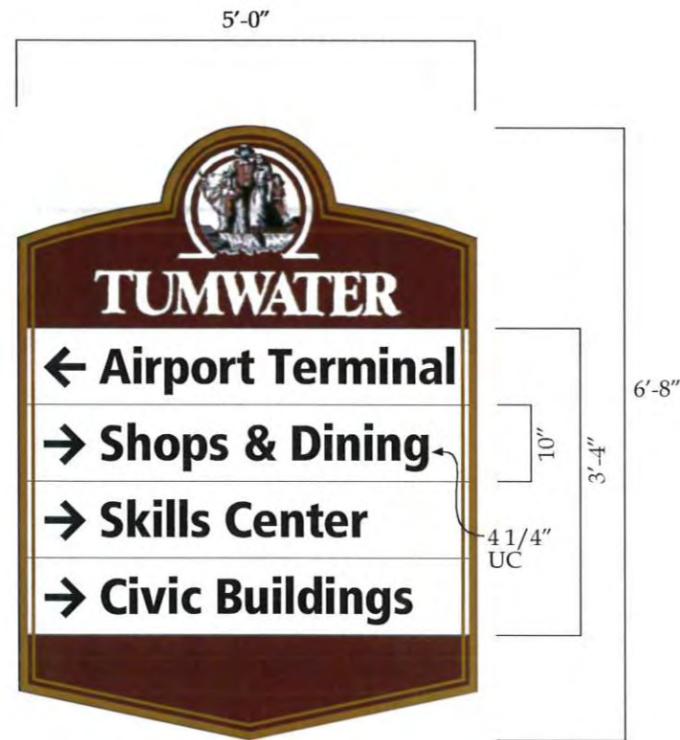
Tumwater Blvd. between Just North of NewMarket St. - WB

Setback: Centered on median
Ref: 6.03 - Installation type INST.3A

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



- Notes:
 1. All locations to be field verified prior to installation.

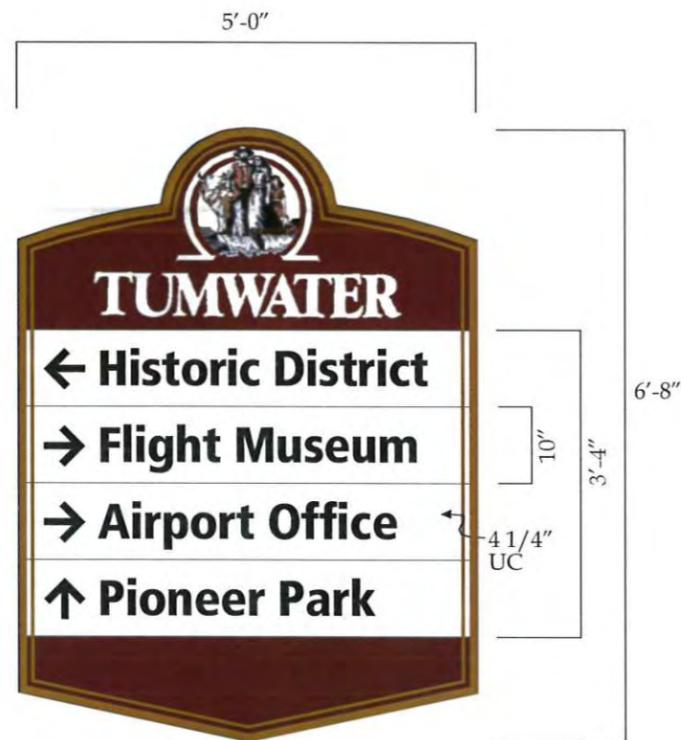


312.VH3

Phase 3
 Tumwater Blvd. @ NewMarket St. - WB

Setback: Centered on median
 Ref: 6.03 - Installation type INST.3A

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

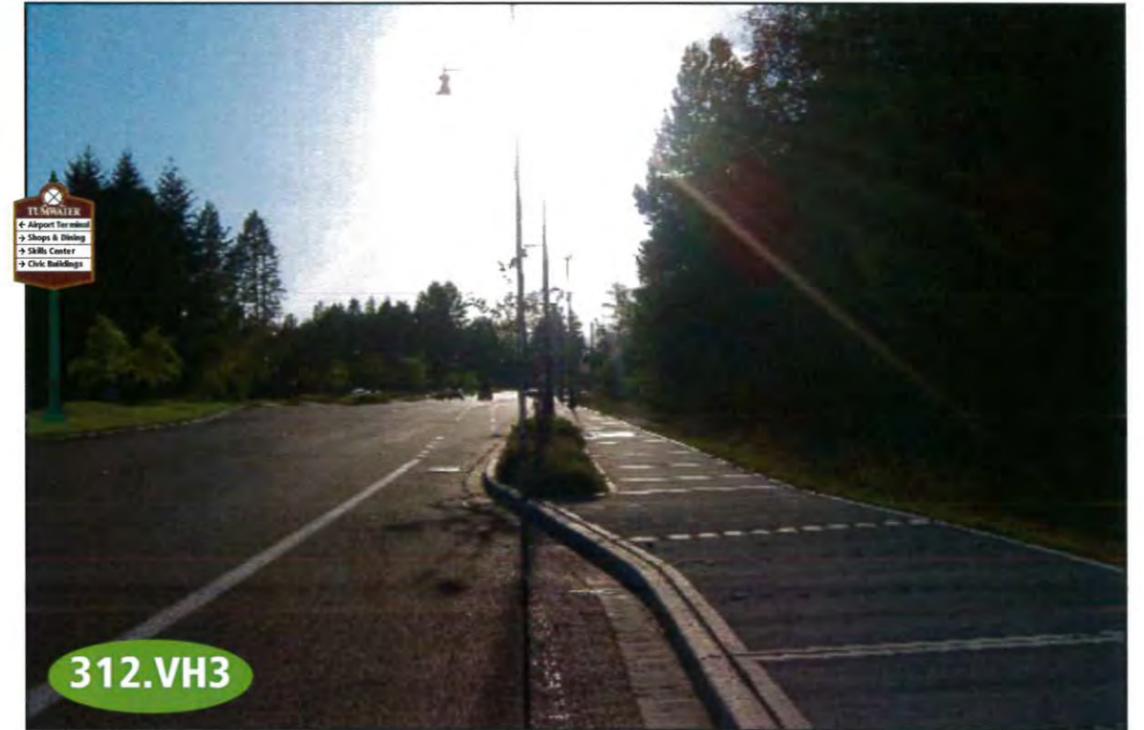


313.VH3

Phase 3
 Tumwater Blvd. & Highway 99 - EB

Setback: Centered on median
 Ref: 6.03 - Installation type INST.3A

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

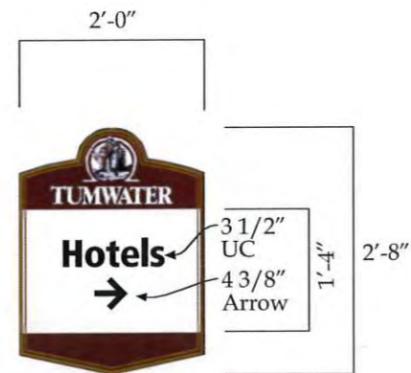


Notes:

1. All locations to be field verified prior to installation.



Replace existing sign.



314.T2

Phase 3
Center St. @ 75th Ave. - SB

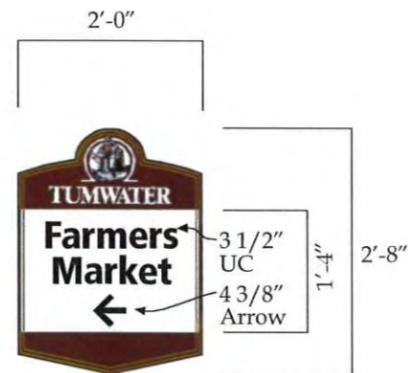
Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.03 - Installation type INST.3B

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

Notes:

1. All locations to be field verified prior to installation.

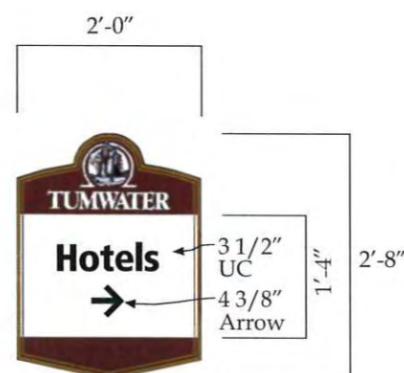


315.T2

Phase 3
Tumwater Blvd. approaching
Cleanwater Ln.

Setback: Centered on median
Ref: 6.03 - Installation type INST.3A

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



316.T2

Phase 3
Tumwater Blvd. approaching
Harper St. EB

Setback: Edge of sign to be no closer to
2'-0" to edge of road.

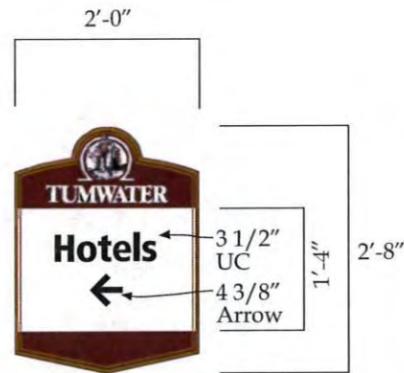
Scale: 1/2" = 1'-0"



- Notes:
 1. All locations to be field verified prior to installation.



SIDE A



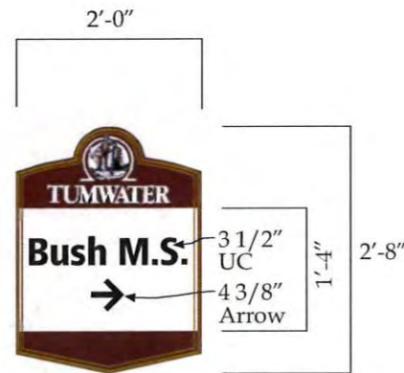
SIDE B

317.T2

Phase 3
 Harper St. @ 74th

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Ref: 6.03 - Installation type INST.3A

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



318.T2

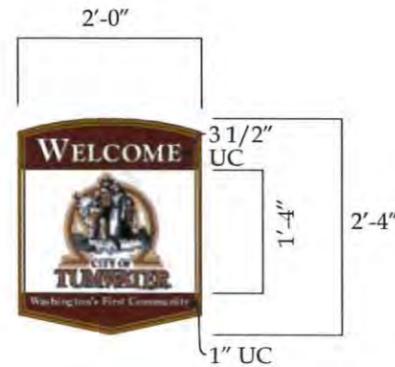
Phase 3
 Center St. @ 83rd Ave. - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Ref: 6.03 - Installation type INST.3B

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



- Notes:
 1. All locations to be field verified prior to installation.



401.G3

Phase 4

Crosby Rd. @ Highway 101

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing City of Tumwater Trailblazers

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

402.G3

Phase 4

Deschutes Pkwy @ N City Limits - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing City of Tumwater Trailblazers

403.G3

Phase 4

Capitol Blvd. @ N City Limits - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing City of Tumwater Trailblazers

404.G3

Phase 4

Henderson Blvd. @ City Limits - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing City of Tumwater Trailblazers

405.G3

Phase 4

1-5 exit 102 - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing City of Tumwater Trailblazers

406.G3

Phase 4

1-5 exit 102 - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

407.G3

Phase 4

1-5 exit 103 - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

408.G3

Phase 4

1-5 exit 101 @ Tumwater Blvd. - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

409.G3

Phase 4

Littlerock Rd. @ South City Limits - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

410.G3

Phase 4

1-5 exit 101 @ Tumwater Blvd. - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

411.G3

Phase 4

Tumwater Blvd. @ E City Limits - WB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

412.G3

Phase 4

Highway 99 @ S City Limits - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

413.G3

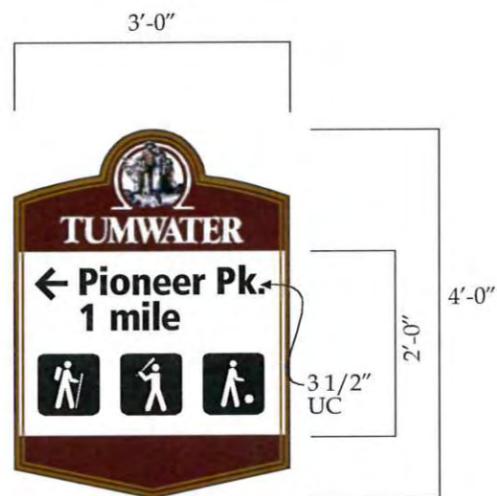
Phase 4

I-5 exit 99 @ 93rd Ave. - EB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
 Replace any existing sign City of Tumwater Trailblazers

Notes:

1. All locations to be field verified prior to installation.



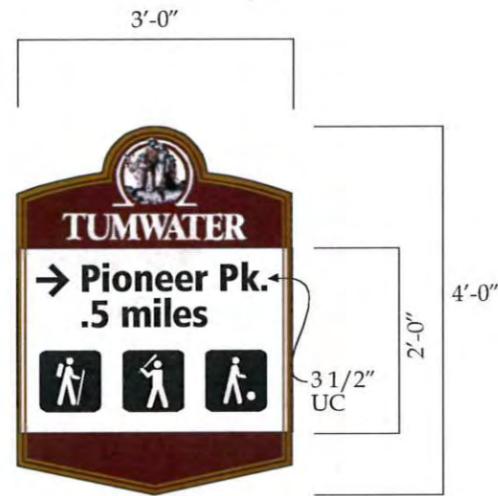
414.V1

Phase 4

Tumwater Blvd. @ Henderson Rd. - EB

Setback: 2' from edge of road.
Ref: 6.03 - Installation type INST.3A

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



415.V1

Phase 4

Yelm Highway @ Henderson Blvd. - EB

Setback: To be located where existing
MUTCD sign is.
Ref: 6.01 - Installation type INST.1A

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



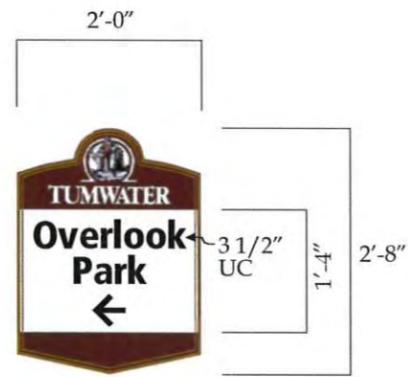
Remove/relocate existing signs.



Remove/relocate existing signs.

Notes:

1. All locations to be field verified prior to installation.



417.T2

Phase 4

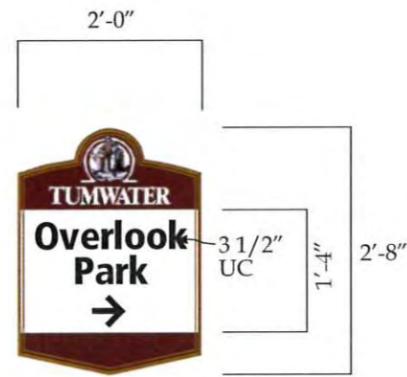
Capitol Blvd. @ Linwood Ave. - NB

Setback: Centered in median
Ref: 6.03 - Installation type INST.3A

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

Notes:

1. All locations to be field verified prior to installation.



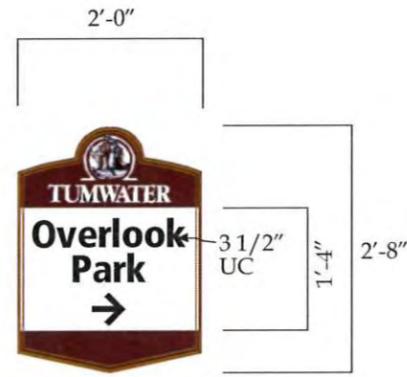
418.T2

Phase 4

Capitol Blvd. @ Linwood Ave. - SB

Setback: Centered in median
Ref: 6.03 - Installation type INST.3A

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



419.T2

Phase 4

7th Ave @ Linwood. Ave. - WB

Setback: Edge of sidewalk
Ref: 6.01 - Installation type INST.1A

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



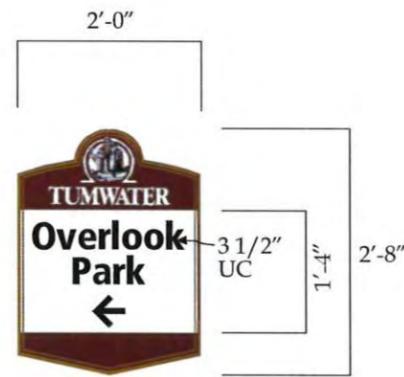
418.T2



419.T2

Notes:

1. All locations to be field verified prior to installation.



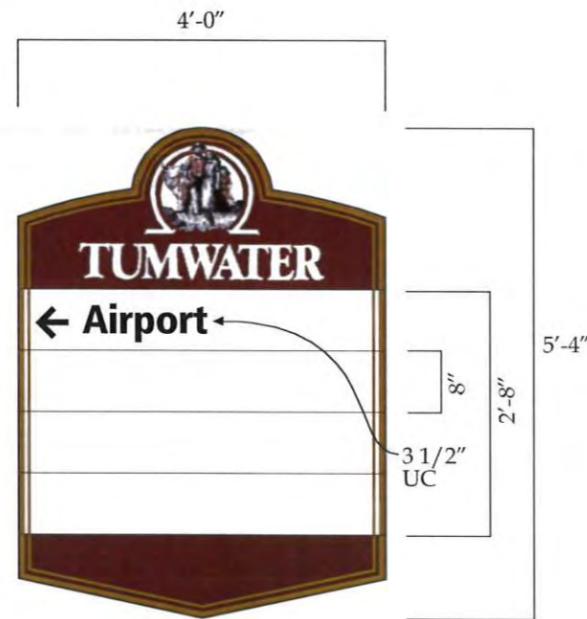
420.T2

Phase 4

Barnes Blvd. @ Ridgeway Ct. - WB

Setback: 2'-0" from sidewalk.
Ref: 6.01 - Installation type INST.1A

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



421.VH2

Phase 4

Israel Rd. @ Linderson Way - WB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.
Ref: 6.03 - Installation type INST.3A

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

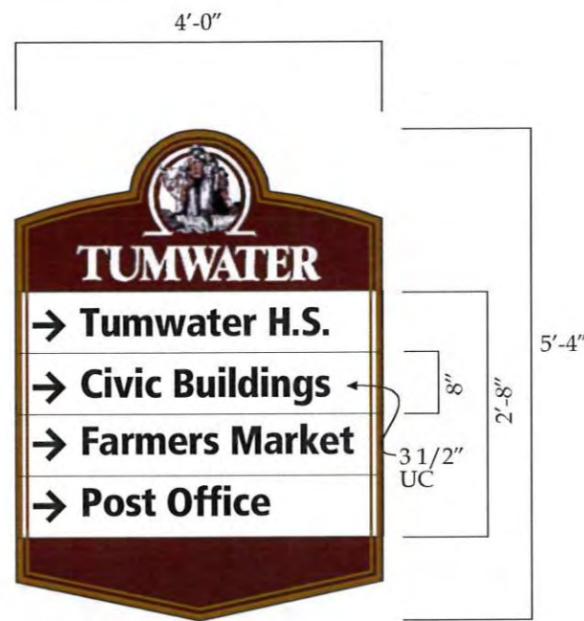


420.T2



421.VH2

- Notes:
 1. All locations to be field verified prior to installation.



422.VH2

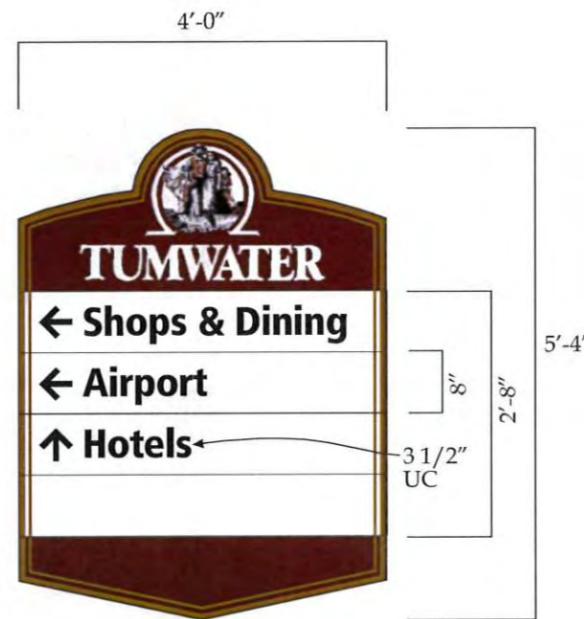
Phase 4

Linderson Way @ Israel Rd. - NB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

Ref: 6.01 - Installation type INST.1A

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



423.VH2

Phase 4

Linderson Way @ Tumwater Blvd. - SB

Setback: Edge of sign to be no closer to 2'-0" to edge of road.

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



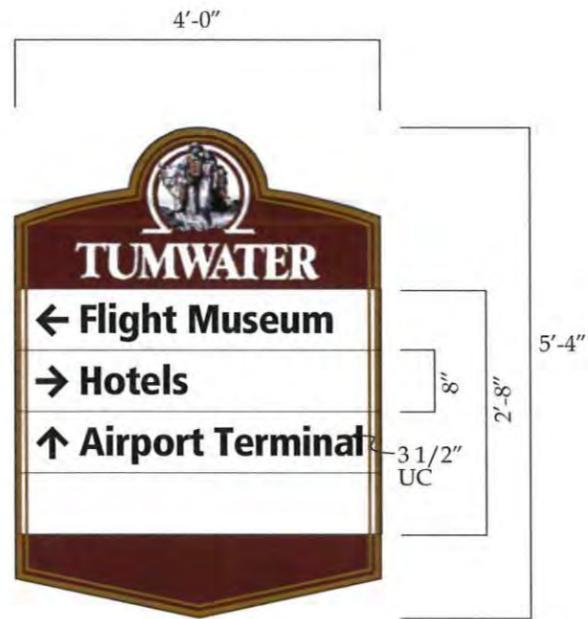
Relocate existing sign.



423.VH2

Notes:

- 1. All locations to be field verified prior to installation.



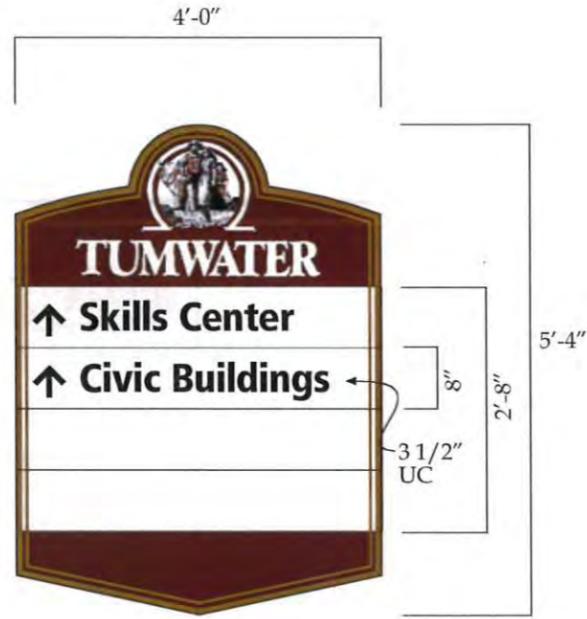
424.VH2

Phase 4

NewMarket St. @ Tumwater Blvd. - SB

Setback: TBD

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



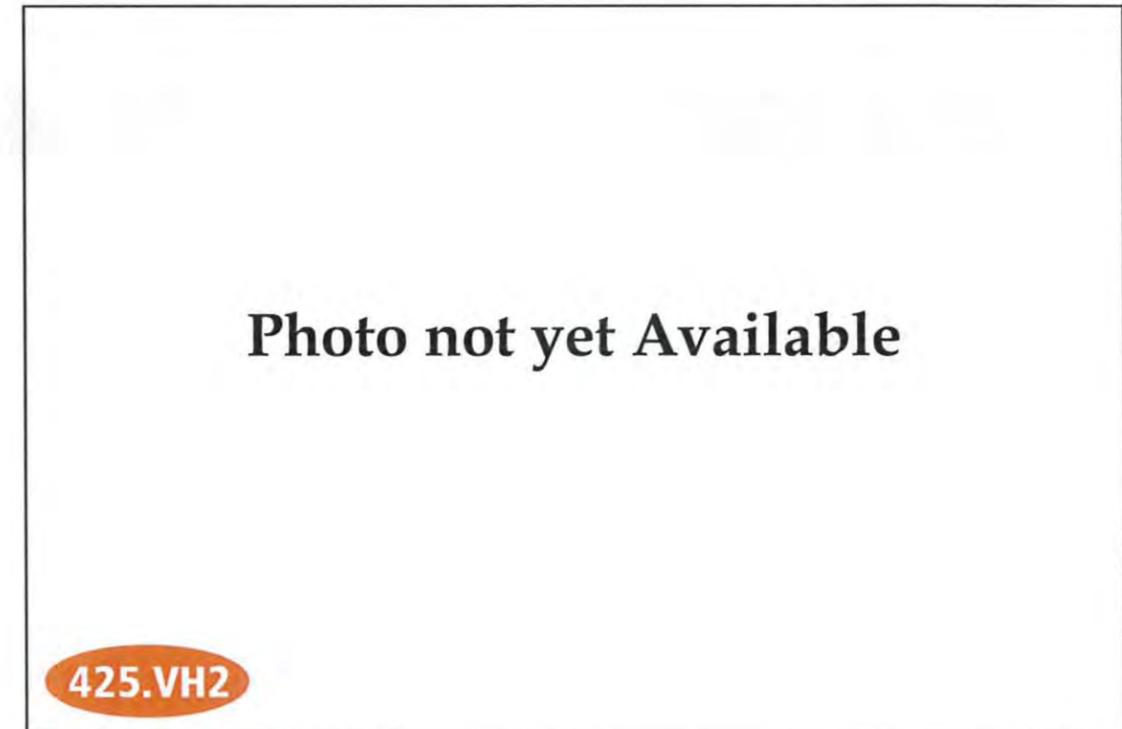
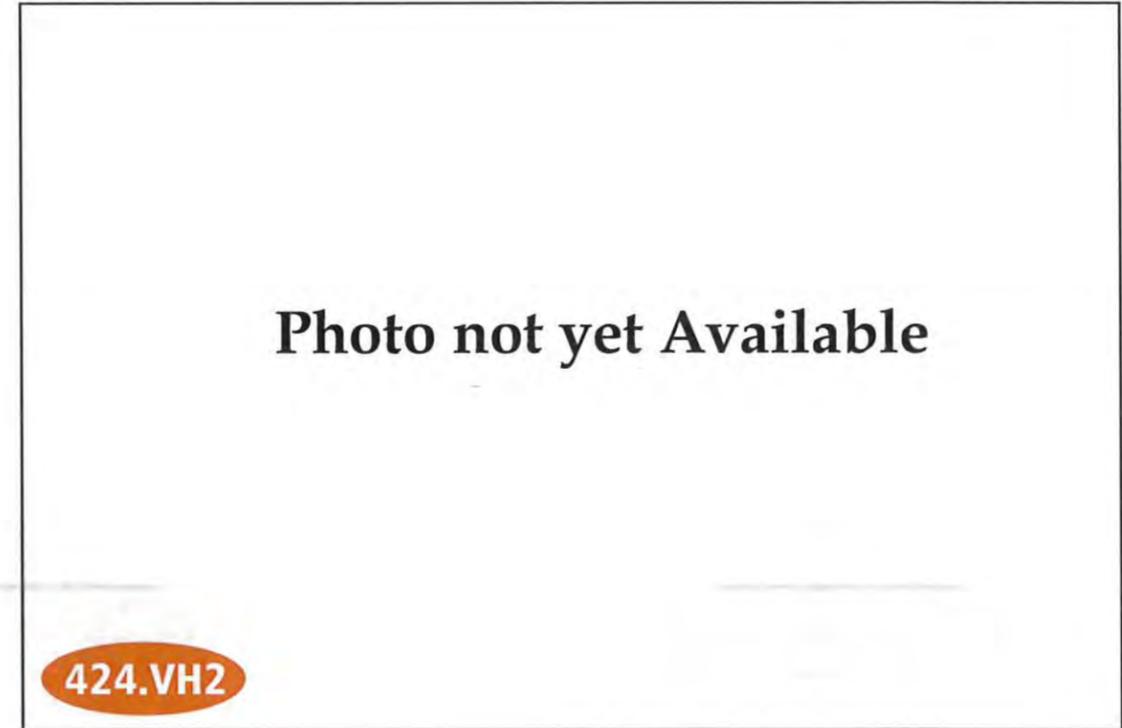
425.VH2

Phase 4

NewMarket St. @ Tumwater Blvd. - NB

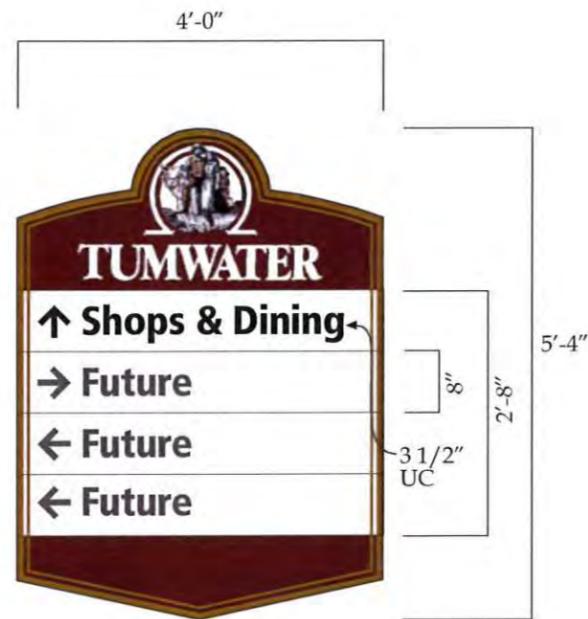
Setback: To replace existing signage.
Ref: 6.01 - Installation type INST.1A

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



Notes:

- 1. All locations to be field verified prior to installation.
- 3. Messages in gray are to be added in Phase 3.

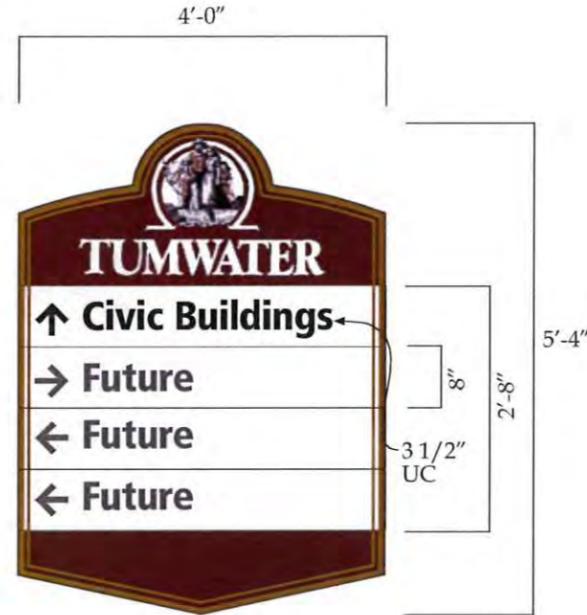


426.VH2

Phase 4
NewMarket St. @ TBD - SB

Setback: TBD

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

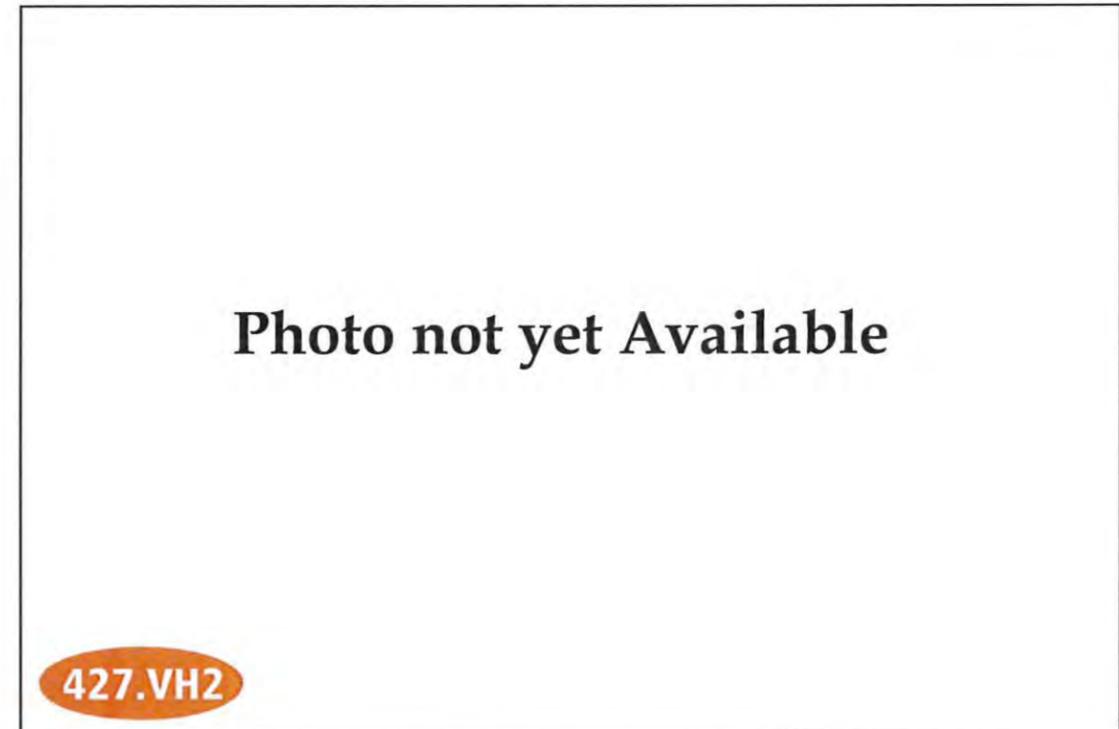
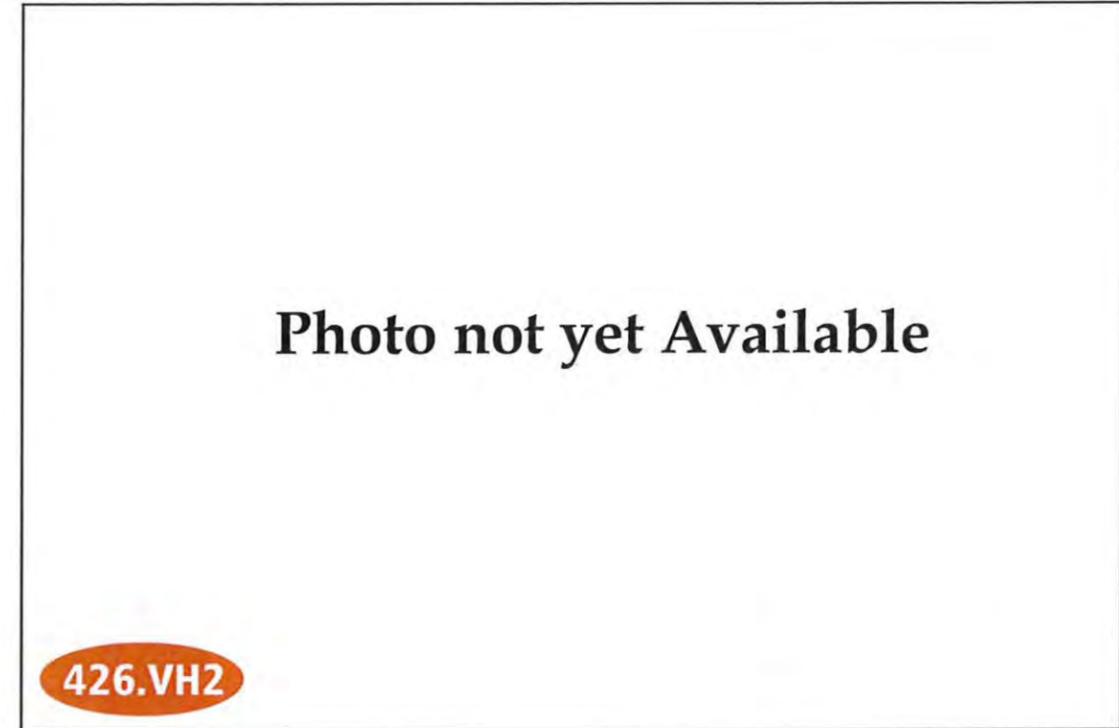


427.VH2

Phase 4
NewMarket St. @ TBD - NB

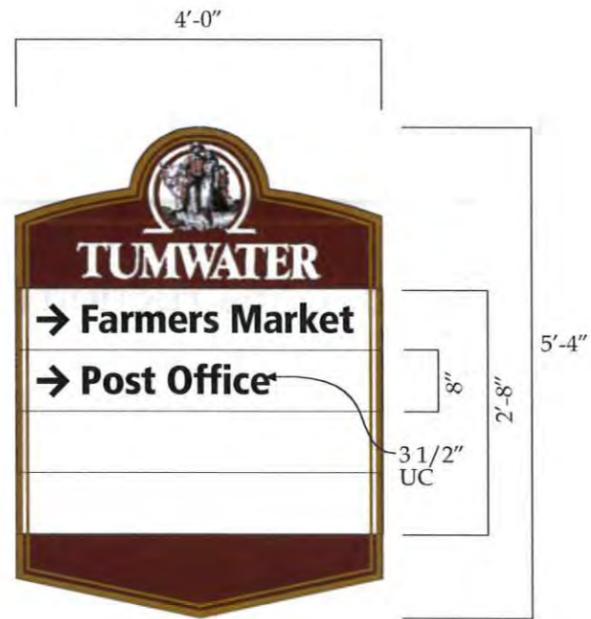
Setback: TBD

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



Notes:

1. All locations to be field verified prior to installation.



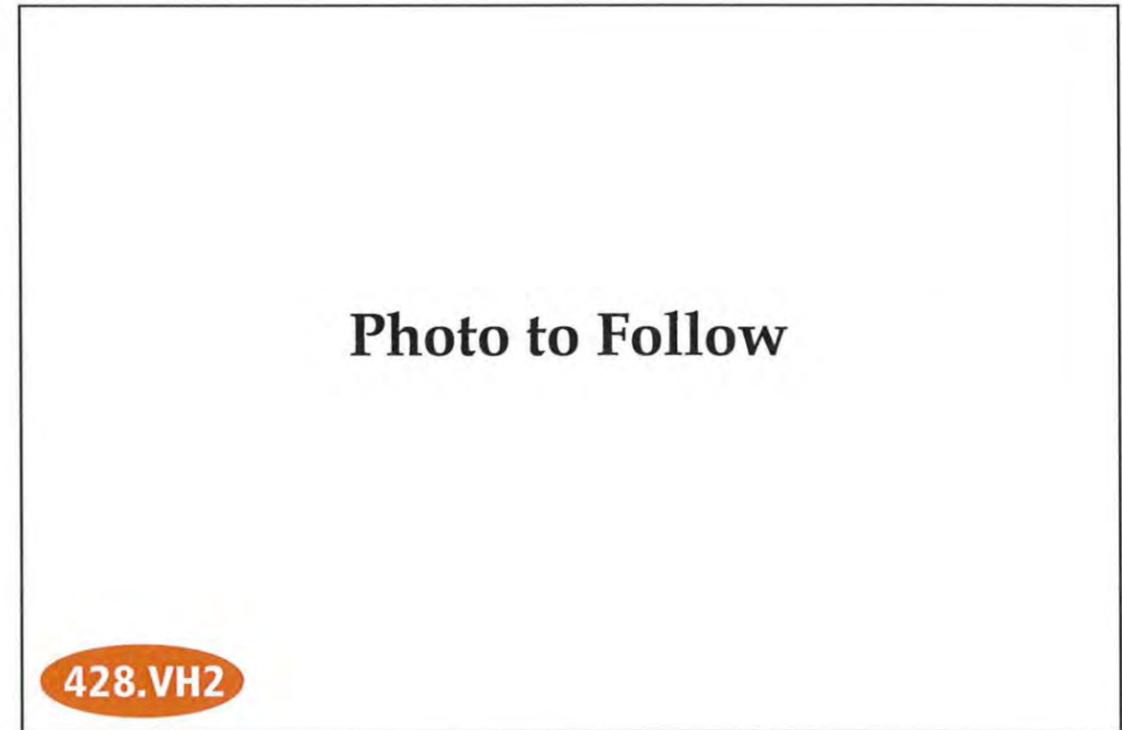
428.VH2

Phase 4

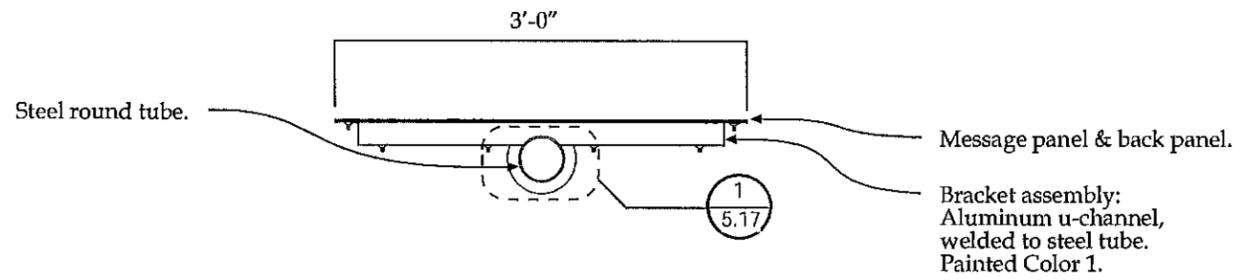
NewMarket St. @ 73rd St. - NB

Setback: TBD

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

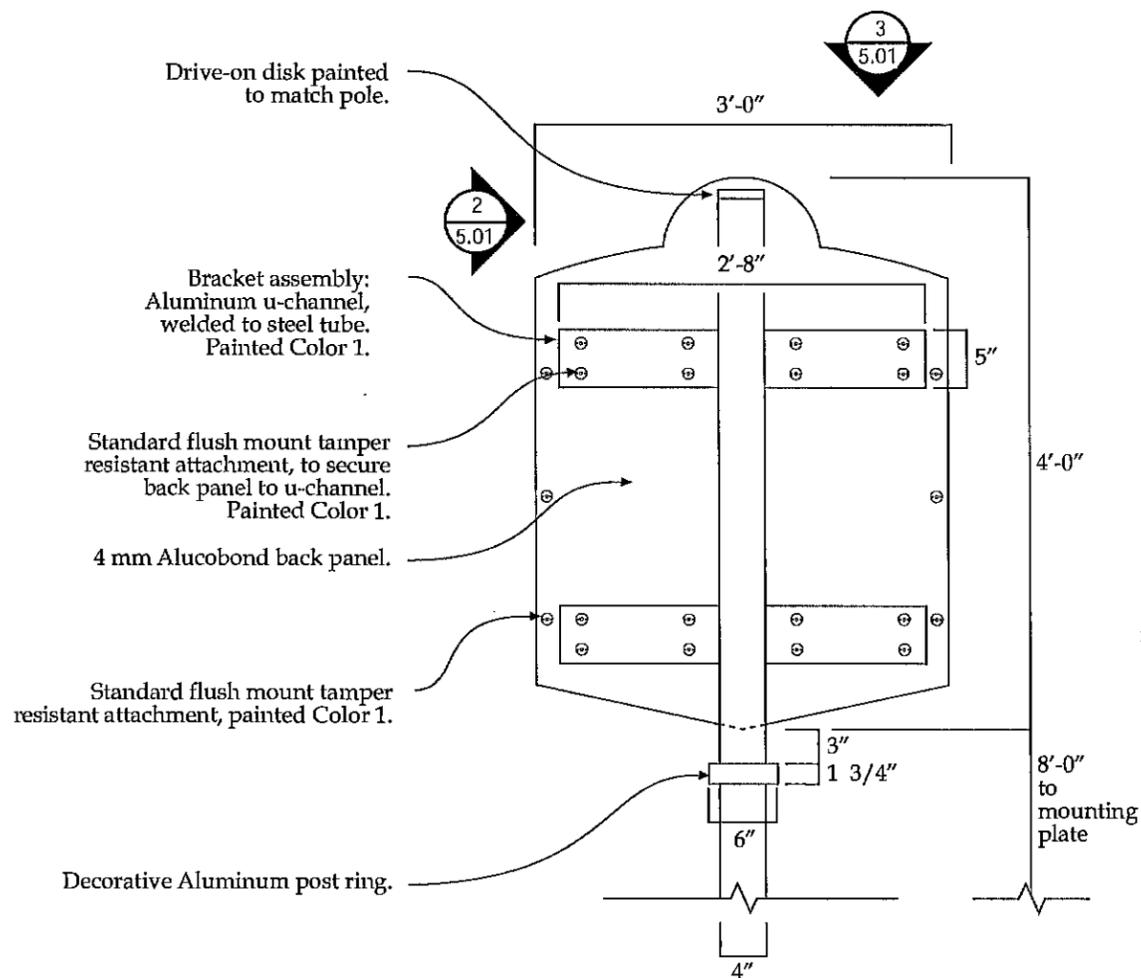


5. Construction Details

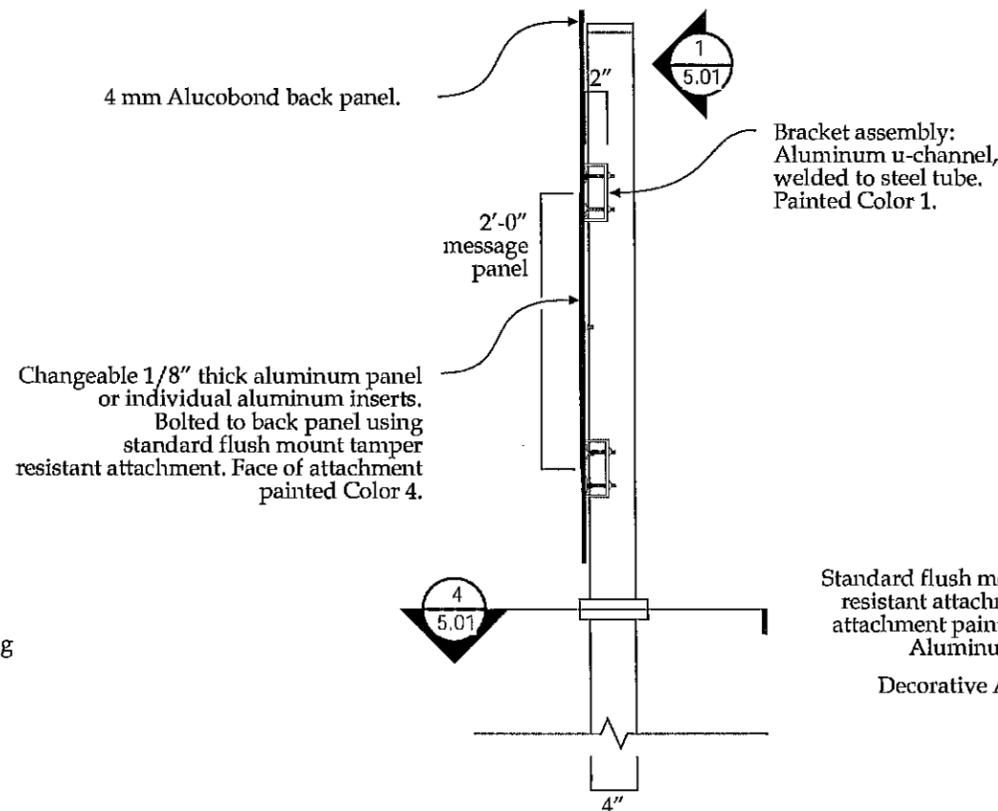


3 PLAN VIEW
Scale: 3/4" = 1'-0"

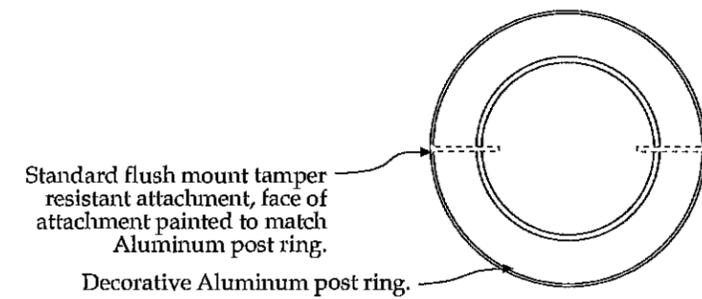
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) and construction of message panel (one panel or individual strips) TBD based on client input of design studies on page 01.
 3. Thickness of steel tube TBD by sign contractor.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



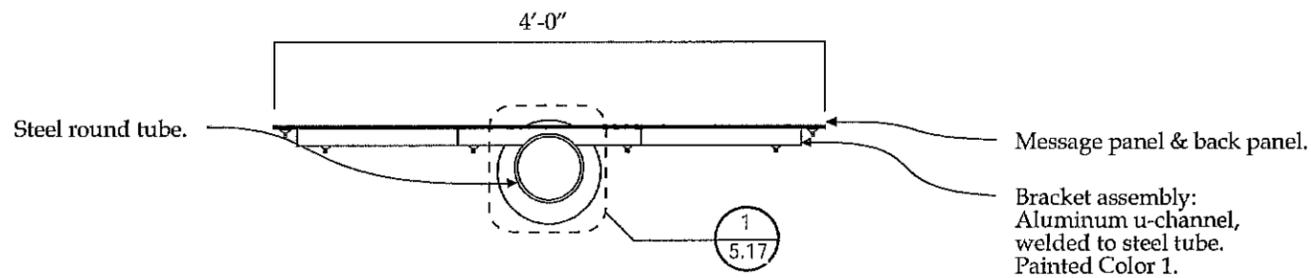
1 V1: BACK ELEVATION
Scale: 3/4" = 1'-0"



2 SIDE VIEW
Scale: 3/4" = 1'-0"

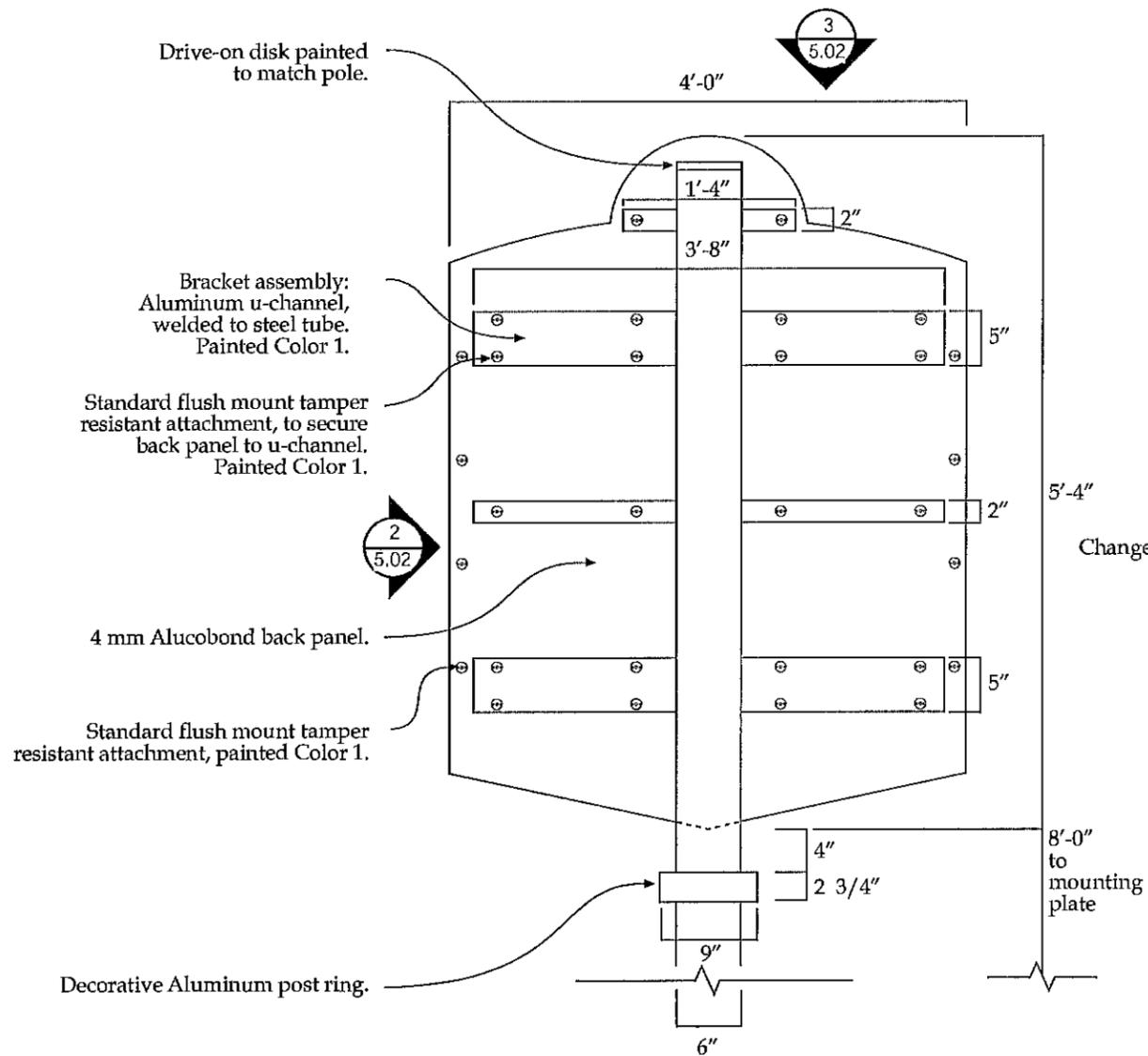


4 DETAIL
Scale: 3" = 1'-0"

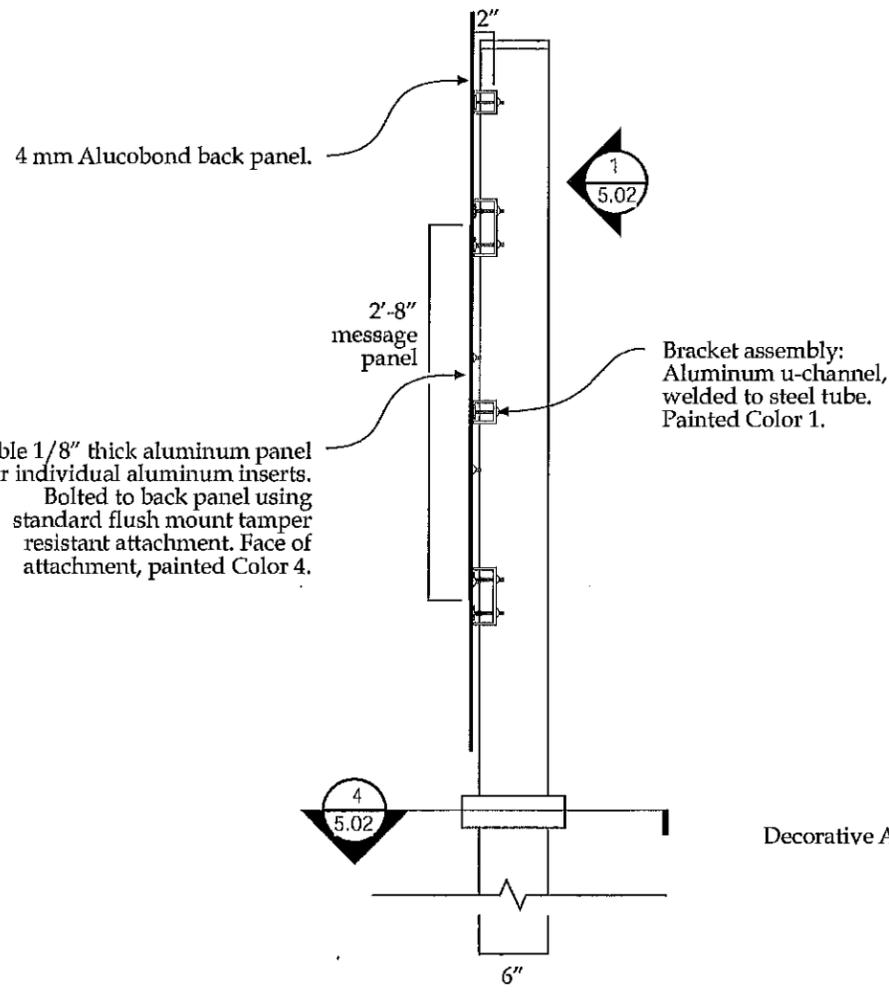


3 PLAN VIEW
Scale: 3/4" = 1'-0"

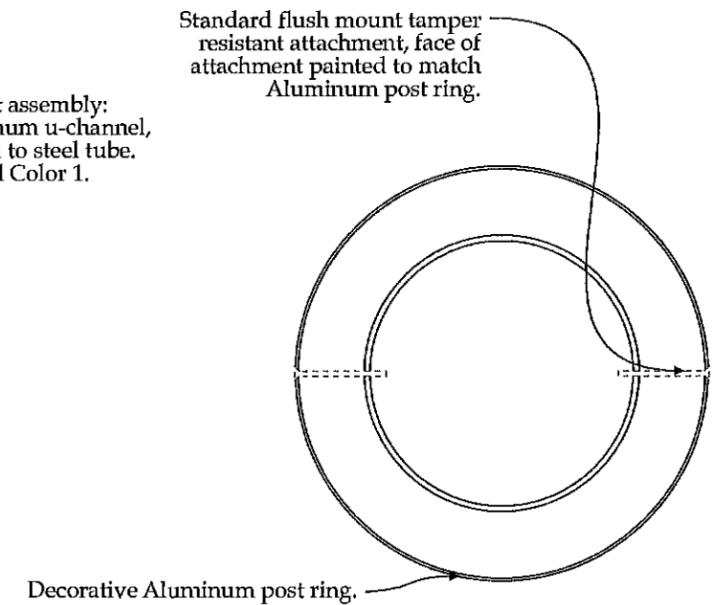
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) and construction of message panel (one panel or individual strips) TBD based on client input of design studies on page 01.
 3. Thickness of steel tube TBD by sign contractor.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



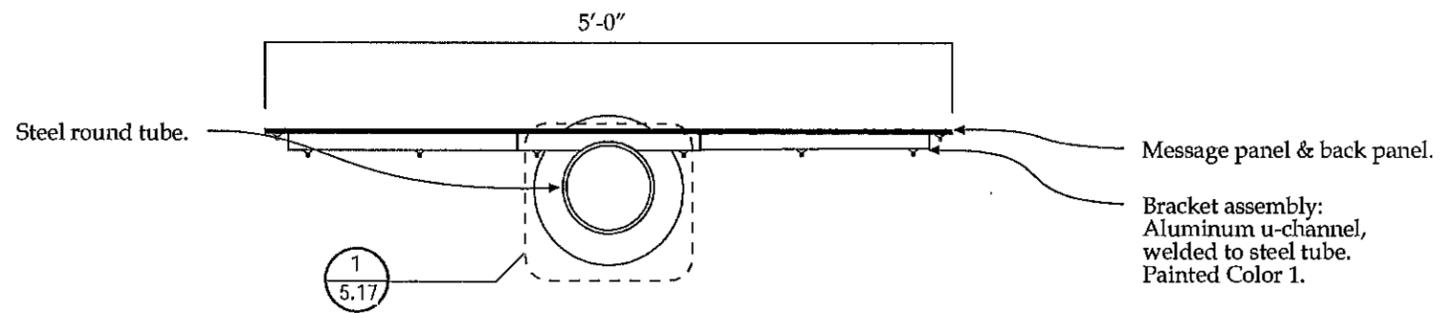
1 V2: BACK ELEVATION
Scale: 3/4" = 1'-0"



2 SIDE VIEW
Scale: 3/4" = 1'-0"

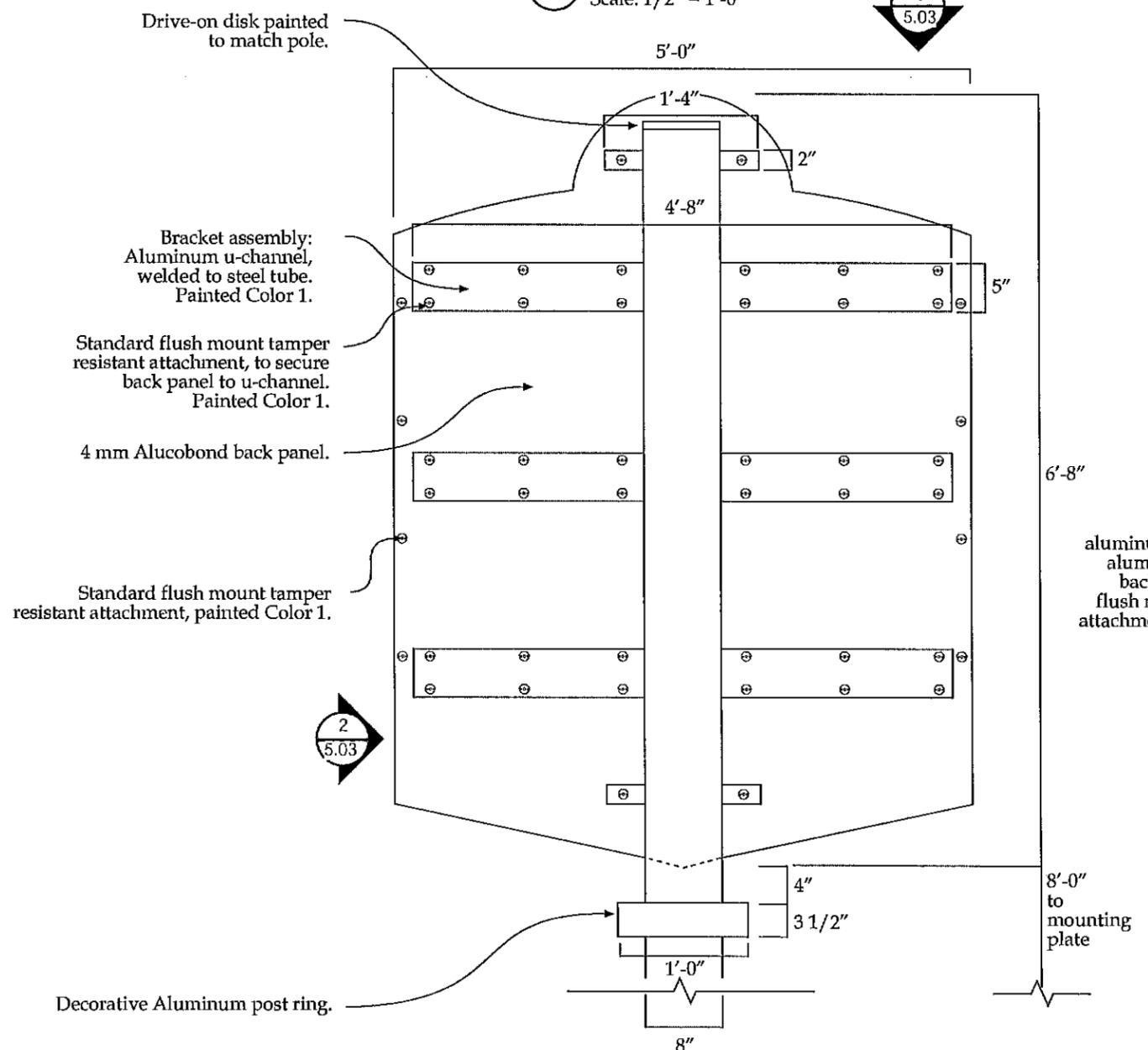


4 DETAIL
Scale: 3" = 1'-0"

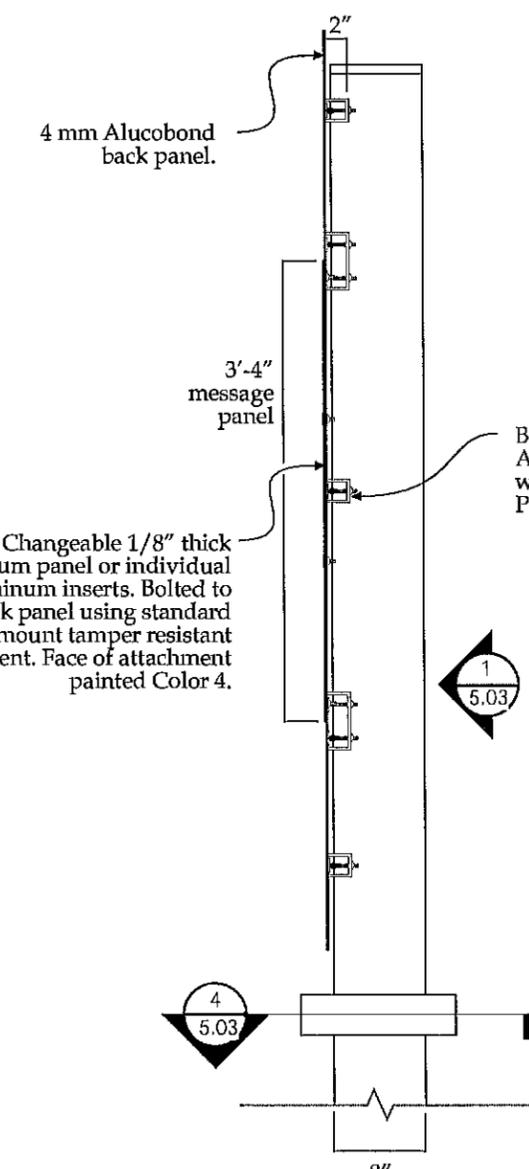


3 PLAN VIEW
Scale: 1/2" = 1'-0"

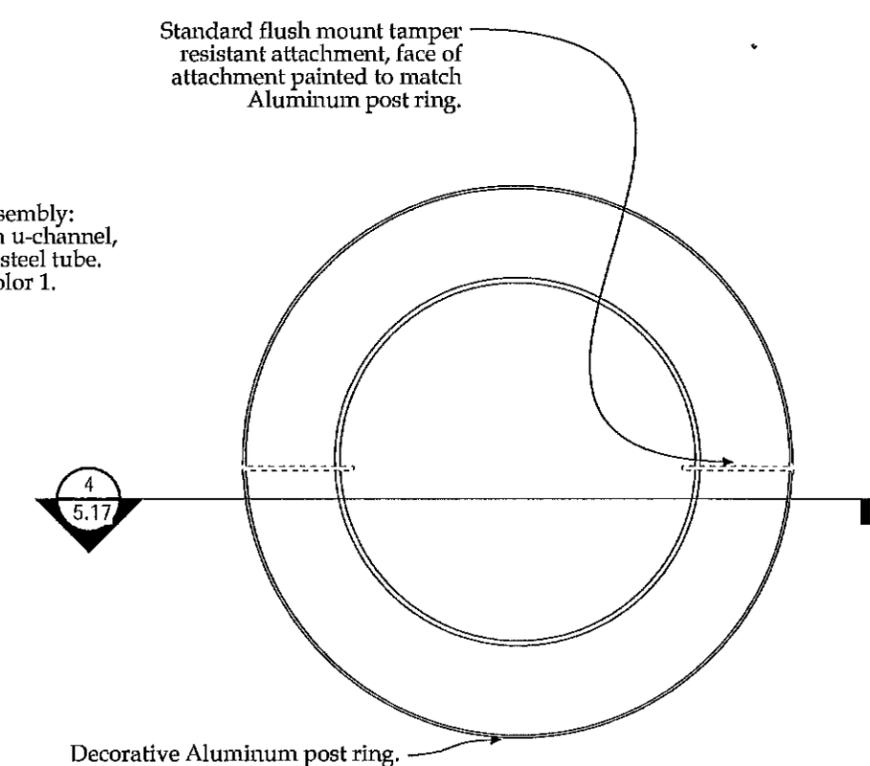
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) and construction of message panel (one panel or individual strips) TBD based on client input of design studies on page 01.
 3. Thickness of steel tube TBD by sign contractor.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



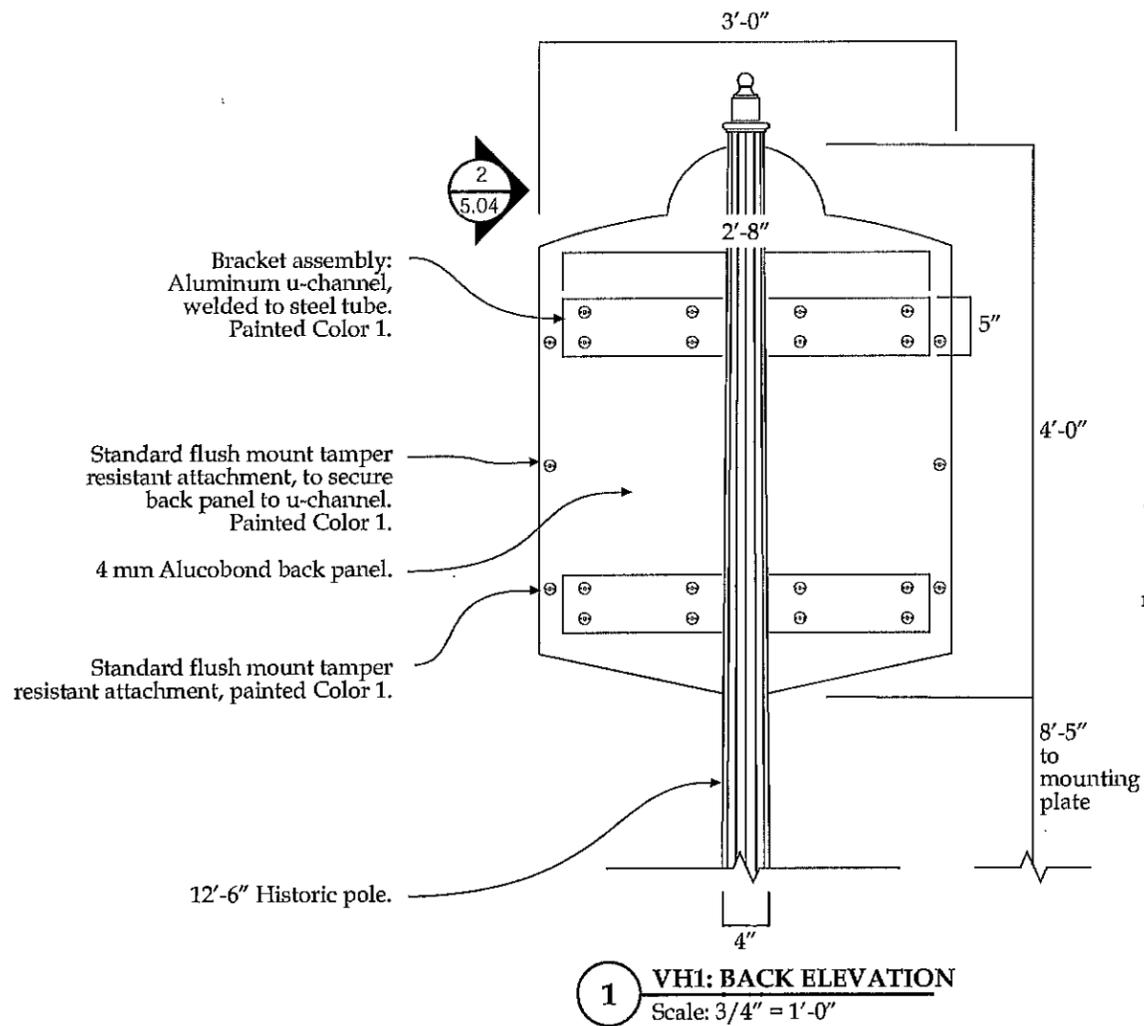
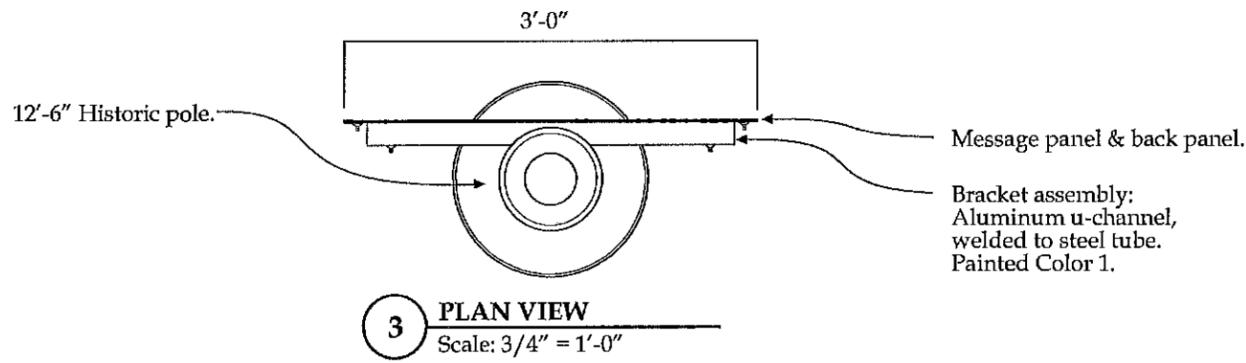
1 V3: BACK ELEVATION
Scale: 1/2" = 1'-0"



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

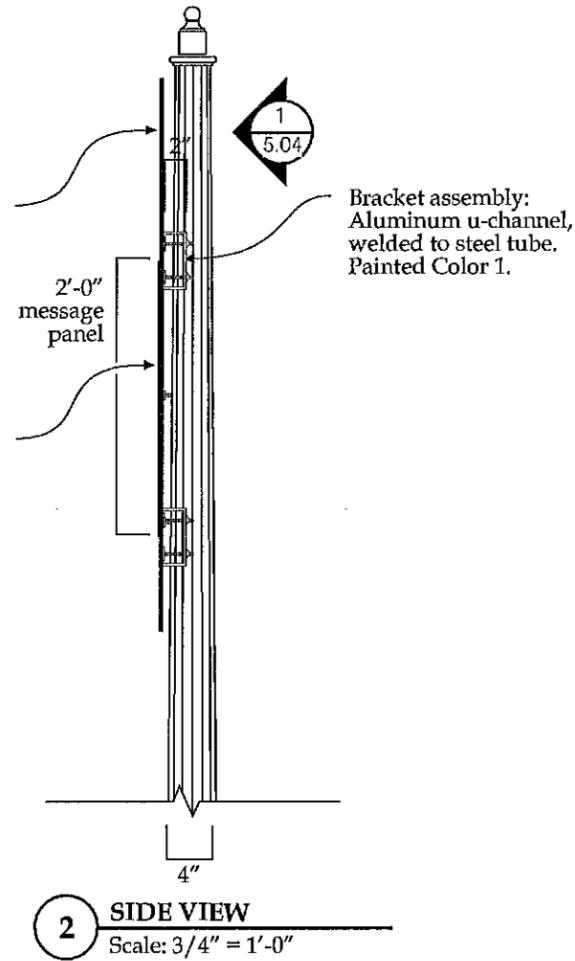


4 DETAIL
Scale: 3" = 1'-0"

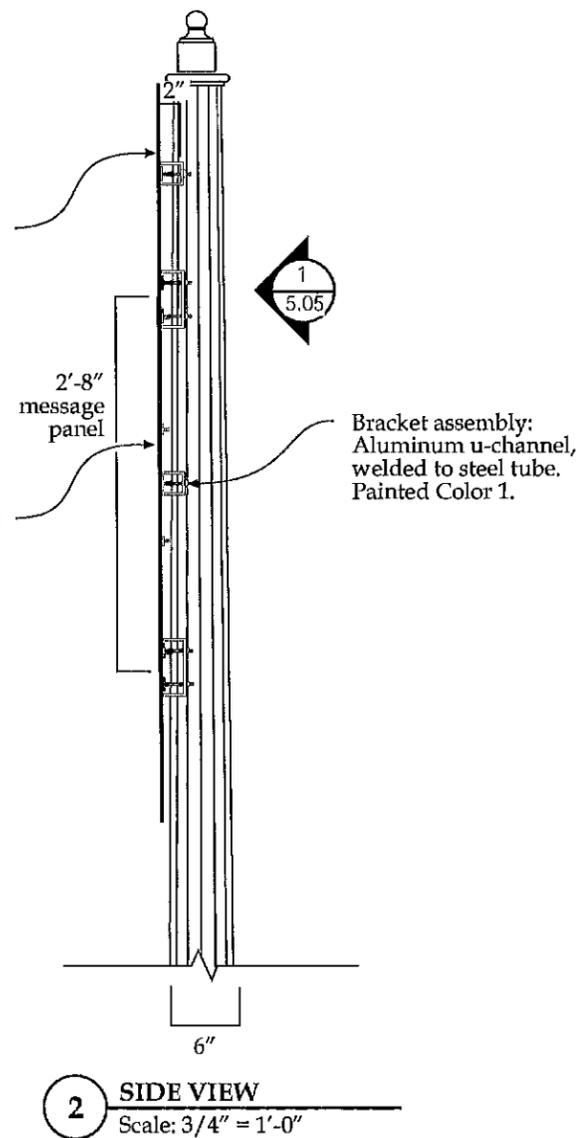
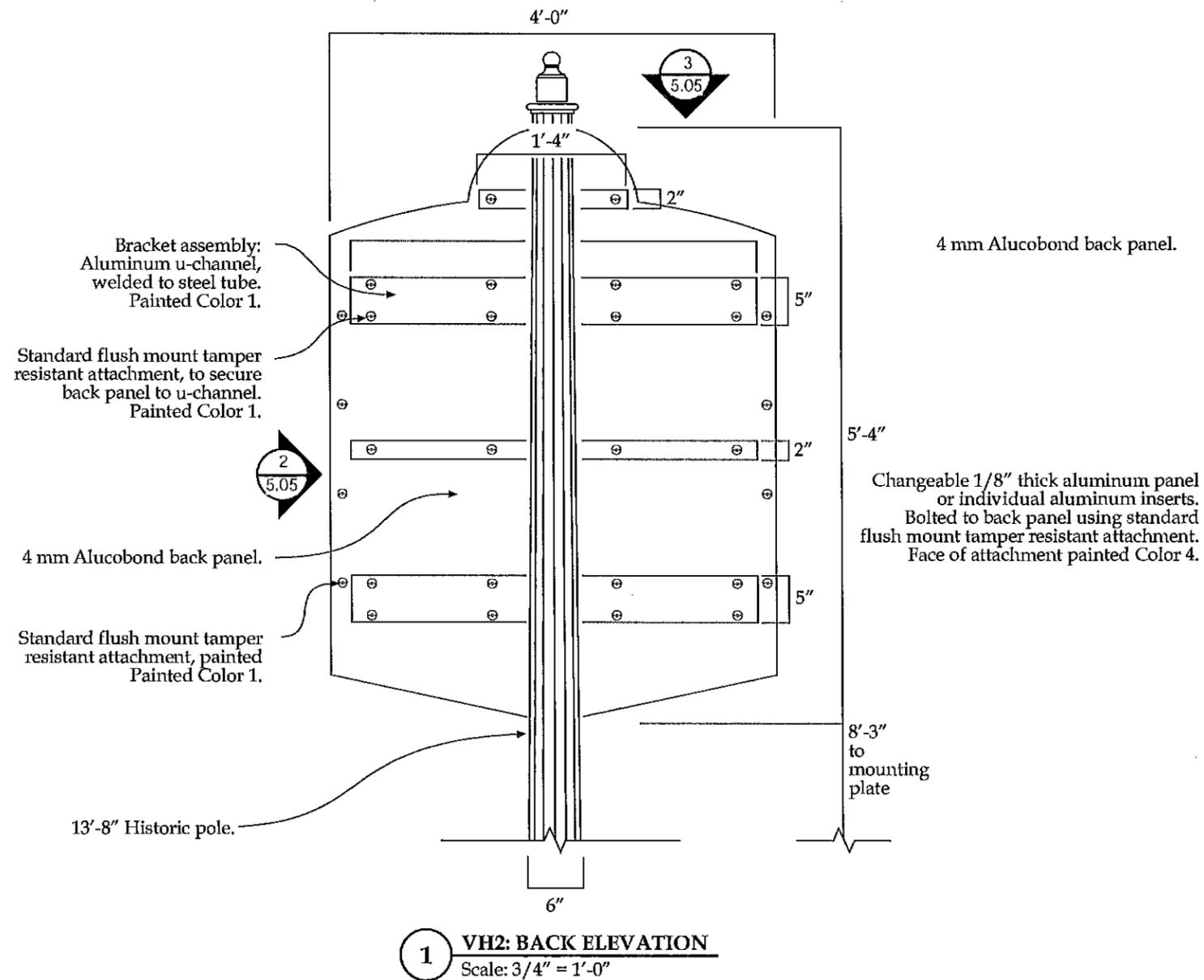
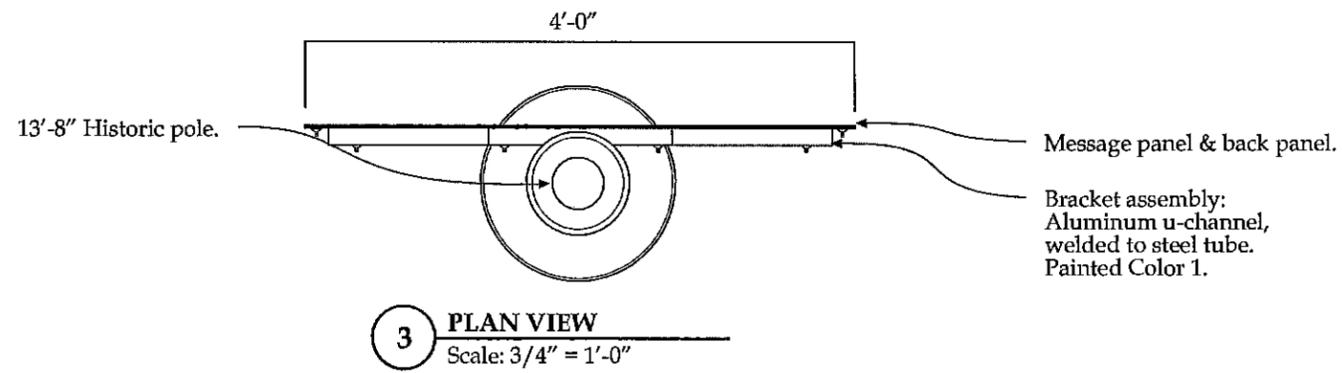


4 mm Alucobond back panel.

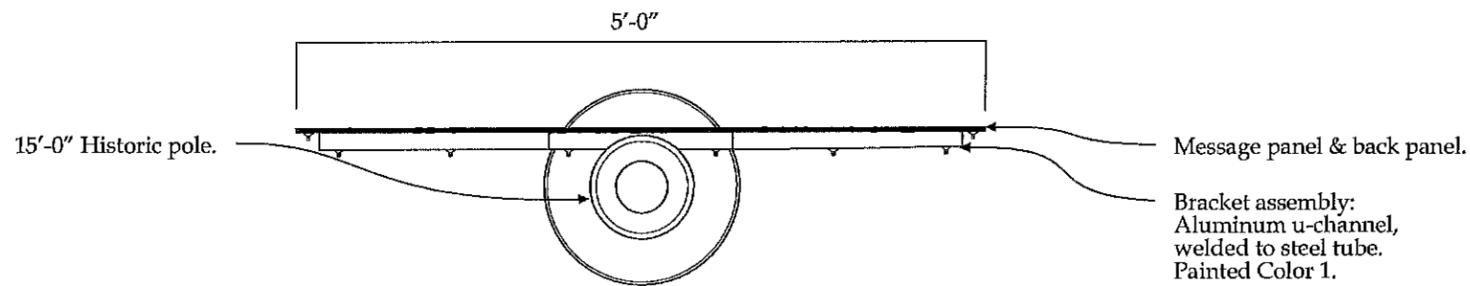
Changeable 1/8" thick aluminum panel or individual aluminum inserts.
Bolted to back panel using standard flush mount tamper resistant attachment. Face of attachment painted Color 4.



- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) and construction of message panel (one panel or individual strips) TBD based on client input of design studies on page 01.
 3. The use of "Historic" poles or decorative clamshell bases as outlined on page 507 thru 510 TBD by client.
 4. Thickness and number of u-channels per sign TBD by sign contractor.

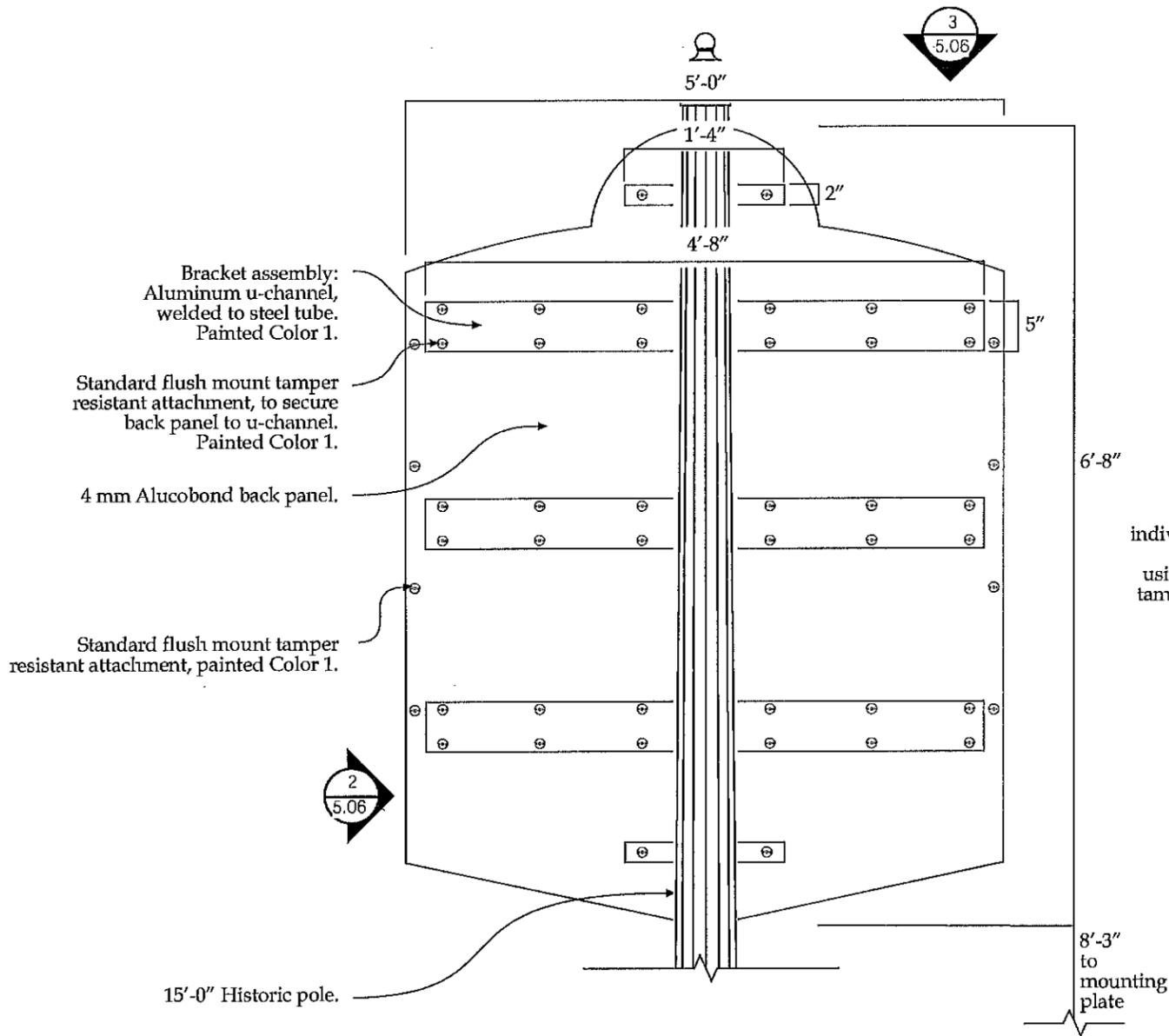


- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) and construction of message panel (one panel or individual strips) TBD based on client input of design studies on page 01.
 3. The use of "Historic" poles or decorative clamshell bases as outlined on page 507 thru 510 TBD by client.
 4. Thickness and number of u-channels per sign TBD by sign contractor.

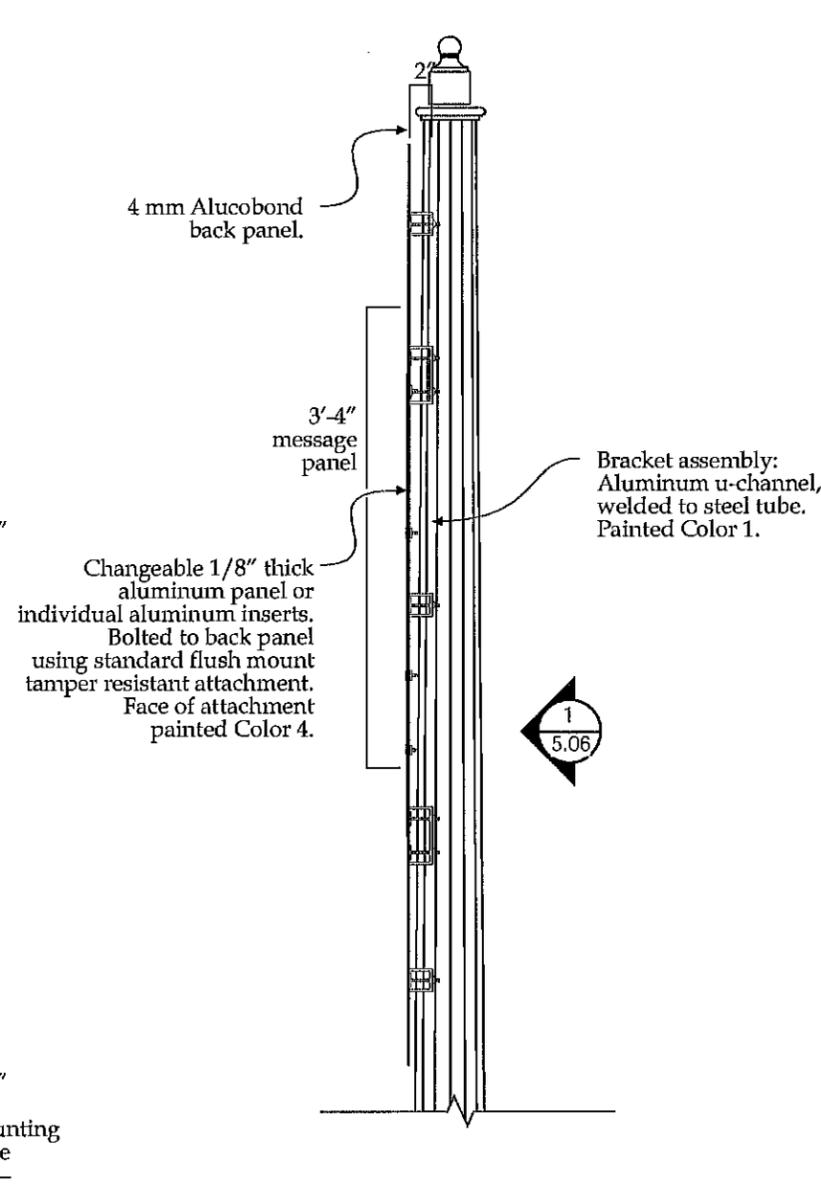


3 PLAN VIEW
Scale: 1/2" = 1'-0"

- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) and construction of message panel (one panel or individual strips) TBD based on client input of design studies on page 01.
 3. The use of "Historic" poles or decorative clamshell bases as outlined on page 507 thru 510 TBD by client.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



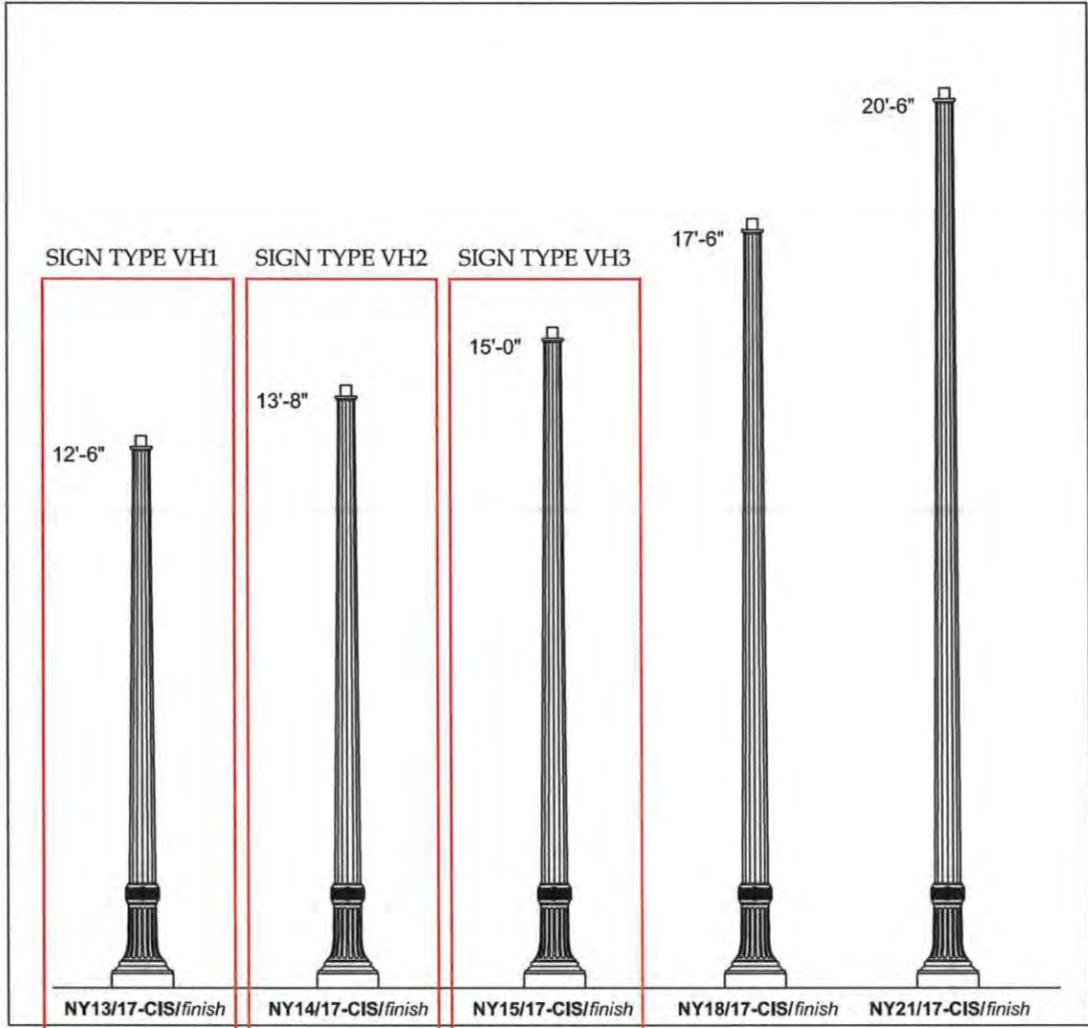
1 VH3: BACK ELEVATION
Scale: 1/2" = 1'-0"



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

Cast Iron and Steel Posts
17" dia. base

NORTH YORKSHIRE Series
17" dia. base



SPECIFICATIONS

DESCRIPTION
The lighting post shall be cast iron and steel construction, massively tapered with a deep, 16-flute steel shaft and a classic 16-flute cast iron base. The shaft and base shall be joined together at the factory and shipped as one piece. Slip over, clamshell, or other multiple piece post designs are not acceptable. The post shall be Holophanes' catalog number NYXX/17-CIS/finish.

MATERIALS
The post base material shall be ASTM A48 Class 30 cast iron, formed true to the pattern with complete detail. The shaft shall be tapered and fluted steel with an integral steel tenon and steel bottom cap. All exposed hardware shall be tamper resistant stainless steel. Anchor bolts to be completely hot dip galvanized. Partially galvanized bolts are not acceptable.

DIMENSIONS
The post shall be X'-XX" in height with a 17" diameter base. The post shall taper from a 7" diameter at the top of the base to a 4.5" diameter at the post top.

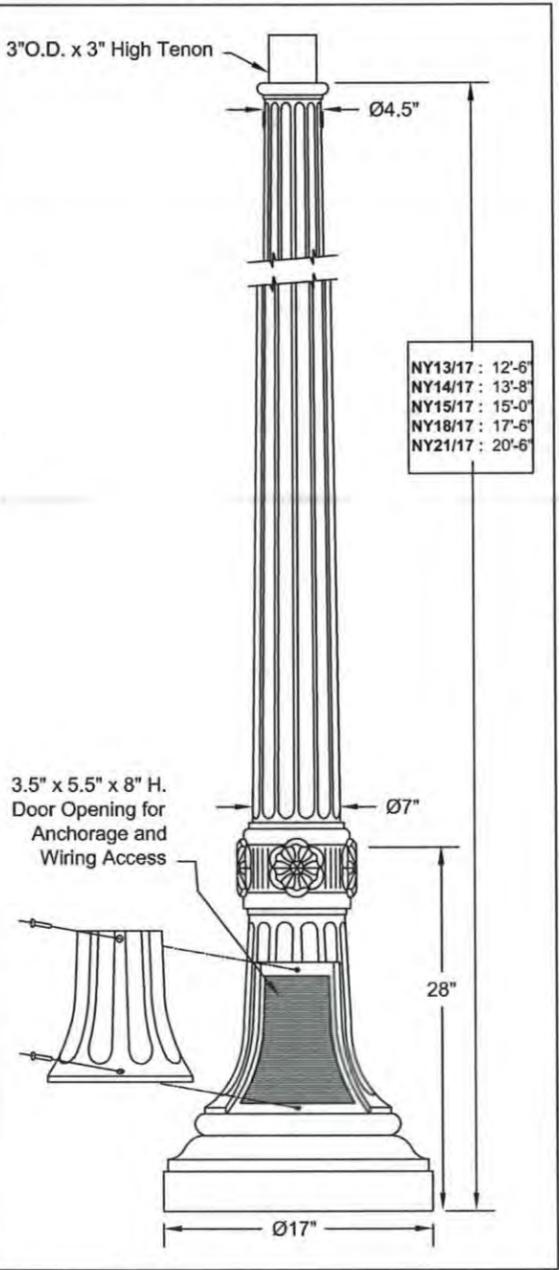
An integral 3" O.D. tenon shall be provided at the top for luminaire mounting. The post top shall include a transitional donut between the fluted shaft and the tenon.

INSTALLATION
The one-piece post shall be provided with four 3/4" diameter, L-type anchor bolts to be installed on a 12" diameter bolt circle. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

For finish specifications and color options, see "Finish" section in catalog.

HOLOPHANE An Acuity Brands Company
LEADER IN LIGHTING SOLUTIONS 214 OAKWOOD AVENUE - NEWARK, OHIO 43055
US-1806 Rev. 4-7-05 Page 1 of 2

NORTH YORKSHIRE Series
Cast Iron and Steel Posts
17" dia. base



HOLOPHANE An Acuity Brands Company
LEADER IN LIGHTING SOLUTIONS 214 OAKWOOD AVENUE - NEWARK, OHIO 43055

ORDERING GUIDE

sample catalog number
NY13/17 - CIS/PP -

Post	material / finish	options
NORTH YORKSHIRE 12'-6" height 17" dia. base	Cast Iron and Steel Prime Painted	

Post (check appropriate boxes)

Catalog #	Heights
<input type="checkbox"/> NY13/17	12'-6"
<input type="checkbox"/> NY14/17	13'-8"
<input type="checkbox"/> NY15/17	15'-0"
<input type="checkbox"/> NY18/17	17'-6"
<input type="checkbox"/> NY21/17	20'-6"

Material/Finish

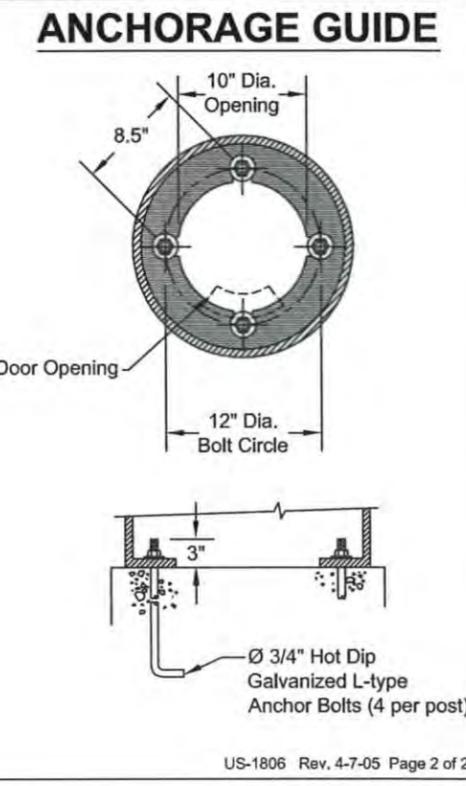
Catalog Suffix	Description
<input type="checkbox"/> -CIS/BK	Cast Iron Steel/Black (std.)
<input type="checkbox"/> -CIS/DG	Cast Iron Steel/Dark Green
<input type="checkbox"/> -CIS/DB	Cast Iron Steel/Dark Bronze
<input type="checkbox"/> -CIS/PP	Cast Iron Steel/Prime Painted
<input type="checkbox"/> -CIS/CC	Cast Iron Steel/Custom Color

(for complete finish and color options, see "Finish" section in catalog)

Optional Equipment

Catalog Suffix	Description
<input type="checkbox"/> -	Receptacles (see Accessories section)
<input type="checkbox"/> -	Banner Arms (see Accessories section)
<input type="checkbox"/> -	Flag Pole Holders (see Accessories section)
<input type="checkbox"/> -	Custom Logos (see Accessories section)
<input type="checkbox"/> -	Signage (see Signage section)

(for optional equipment not found in catalog, consult factory)



Small Post Top Finials Cast Aluminum

SPECIFICATIONS

CONSTRUCTION

The finials shall be one-piece construction. The finials shall consist of a one-piece casting or a casting welded to a piece of aluminum tubing. All welding shall be per ANSI/AWS D1.2-90. All welders shall be certified per ANSI/AWS D1.2-90 Section 5.

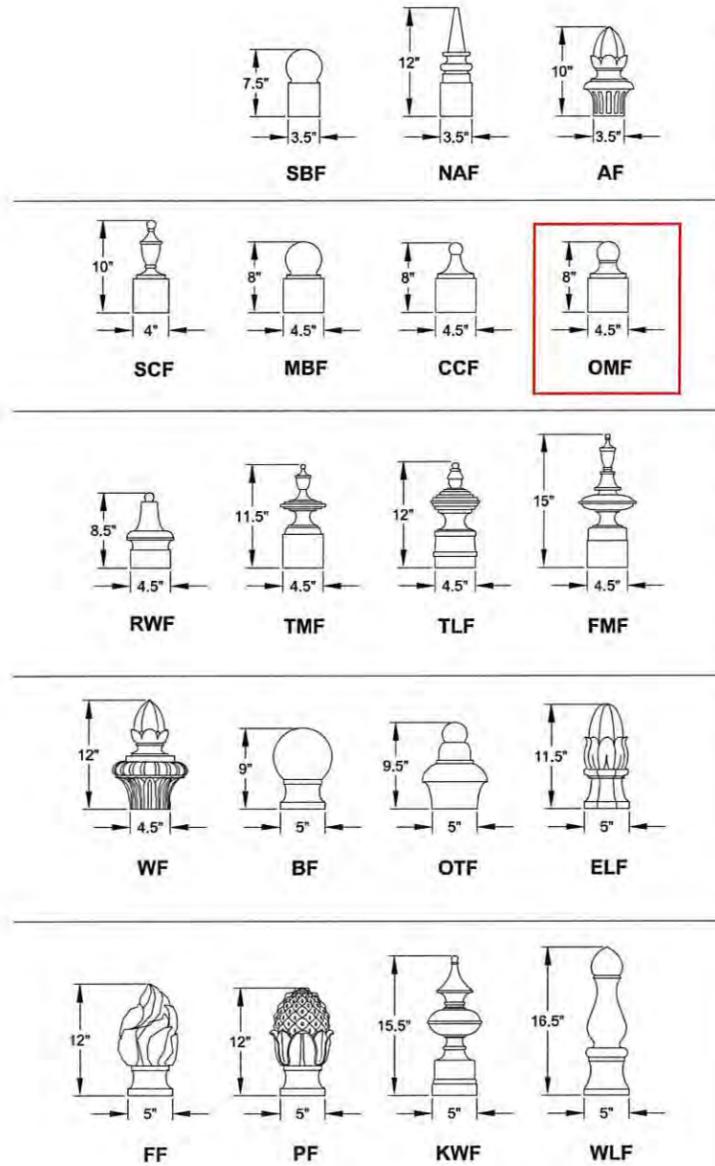
MATERIALS

The finial castings shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. The tubing shall be aluminum, ASTM 6061 alloy, heat treated to a T6 temper. All hardware shall be stainless steel.

INSTALLATION

The finials shall mount to a 3" O.D. x 3" tall tenon using stainless steel socket set screws.

For finish specifications and color options see "Finish" section in catalog.



HOLOPHANE
LEADER IN LIGHTING SOLUTIONS
An Acuity Brands Company
214 OAKWOOD AVENUE - NEWARK, OHIO 43055

US-2403

**HUNTINGTON HN18-AB
18" ALUMINUM CLAMSHELL DECORATIVE BASE**

SPECIFICATIONS

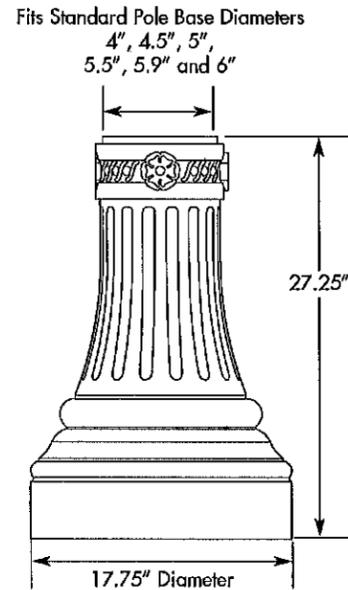
The decorative base is constructed of two identical cast clamshells A319 alloy aluminum or equivalent.

Connecting hardware are stainless steel socket head style bolts. Tamperproof hardware is available on special order. All hardware is accessible from outside the base for easy installation. Halves are factory fitted and shipped together.

Clamshell bases are designed to wrap around the pole with a circular hole with a tolerance of .25" maximum clear between the base and the casting. For fluted poles, the flutes start 1-2" above the top of the base for a clean appearance.

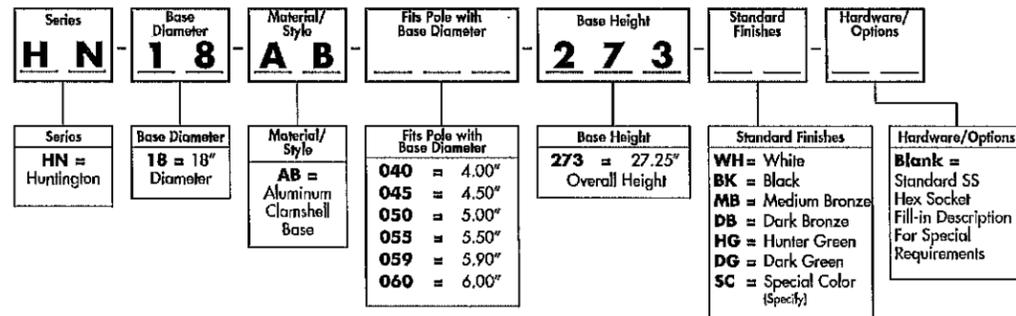
The finish for the base is polyester powder coating applied in accordance with Valmont Industries' Specifications.

The top opening dimensions are calculated using the pole base dimension and a taper rate of .14" per foot. The opening is designed to accommodate outside diameter of mandrel formed round tubes and point-to-point diameter of multi-sided tubes.



ALUMINUM Clamshell Base

CATALOG LOGIC

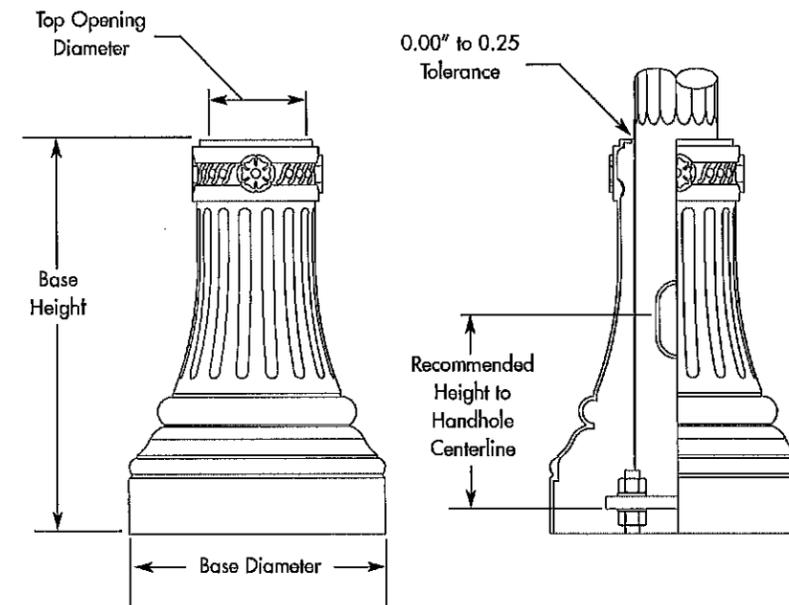


2-HN-1A

Valmont Industries, Inc., 7002 N. 288th St., P.O. Box 358 ~ Valley, Nebraska 68064-0358 (402) 359-2201 ~ www.valmont.com

**HUNTINGTON HN18-AB
18" ALUMINUM CLAMSHELL DECORATIVE BASE**

BASE MOUNTING DETAIL



NOTE: Pole handhole locations may vary based on rim clearance requirements, pole leveling method and shaft diameter fit tolerances.

DIMENSIONAL DATA TABLE

DESCRIPTION	CATALOG NUMBER	BASE DIMENSIONS			POLE DIMENSIONS for BASE			HANDHOLE	
		TOP OPENING DIAMETER (IN)	BASE DIAMETER (IN)	BASE HEIGHT (IN)	POLE BASE DIAMETER (IN)	POLE DIA. @ TOP OF BASE (IN)	MAX. BASE PLATE DIAGONAL (IN)	STANDARD HANDHOLE SIZE (IN)	HANDHOLE HEIGHT TO CENTER (IN)
HUNTINGTON 18"	HN18AB-040-273-[F]-[O]	4.00	17.75	27.25	4.00	3.68	16.75	2.5 x 5	13.00
HUNTINGTON 18"	HN18AB-045-273-[F]-[O]	4.50	17.75	27.25	4.50	4.18	16.75	2.5 x 5	13.00
HUNTINGTON 18"	HN18AB-050-273-[F]-[O]	5.00	17.75	27.25	5.00	4.68	16.75	2.5 x 5	13.00
HUNTINGTON 18"	HN18AB-055-273-[F]-[O]	5.50	17.75	27.25	5.50	5.18	16.75	2.5 x 5	13.00
HUNTINGTON 18"	HN18AB-059-273-[F]-[O]	5.75	17.75	27.25	5.75	5.58	16.75	2.5 x 5	13.00
HUNTINGTON 18"	HN18AB-060-273-[F]-[O]	6.00	17.75	27.25	6.00	5.68	16.75	2.5 x 5	13.00

Note: Replace (F) with Finish Selection and (O) with Hardware/Option Selection.

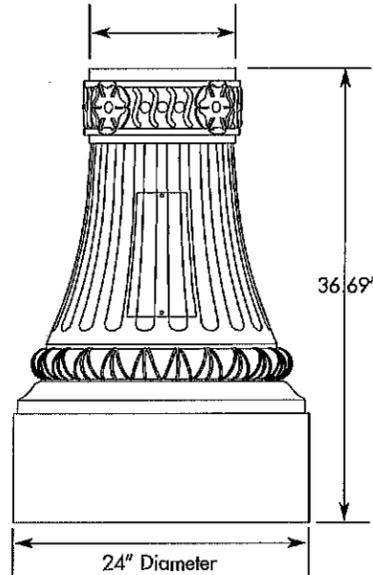
2-HN-1B

Valmont Industries, Inc., 7002 N. 288th St., P.O. Box 358 ~ Valley, Nebraska 68064-0358 (402) 359-2201 ~ www.valmont.com

SPC7153 06/05

**HUNTINGTON HN24-AB
24" ALUMINUM CLAMSHELL DECORATIVE BASE**

Fits Standard Pole Base Diameters
6.5", 6.6", 7", 7.3", 7.5",
7.82", 8", 8.5" and 9"



SPECIFICATIONS

The decorative base is constructed of two identical cast clamshells A319 alloy aluminum or equivalent.

Connecting hardware are stainless steel socket head style bolts. Tamperproof hardware is available on special order. All hardware is accessible from outside the base for easy installation. Halves are factory fitted and shipped together.

Each half is identical with an integral door designed to fit the aesthetic appearance of the base. Doors are supplied with stainless steel socket style screws.

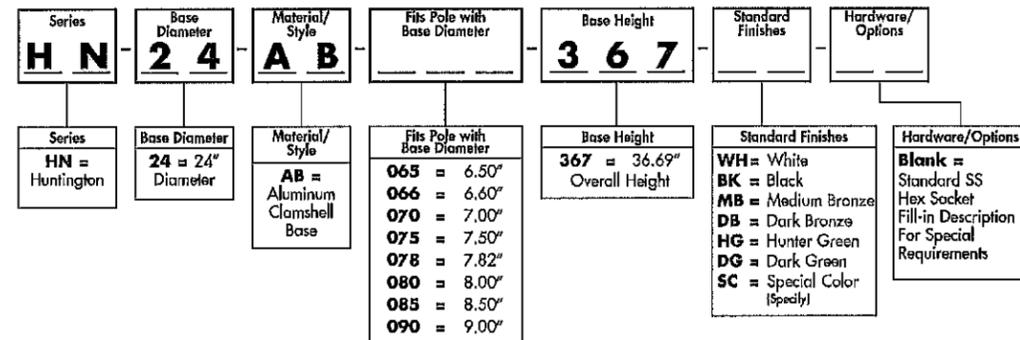
Clamshell bases are designed to wrap around the pole with a circular hole with a tolerance of .25" maximum clear between the base and the casting. For fluted poles, the flutes start 1-2" above the top of the base for a clean appearance.

The finish for the base is polyester powder coating applied in accordance with Valmont Industries' Specifications.

The top opening dimensions are calculated using the pole base dimension and a taper rate of .14" per foot. The opening is designed to accommodate outside diameter of mandrel formed round tubes and point-to-point diameter of multi-sided tubes.

ALUMINUM Clamshell Base

CATALOG LOGIC

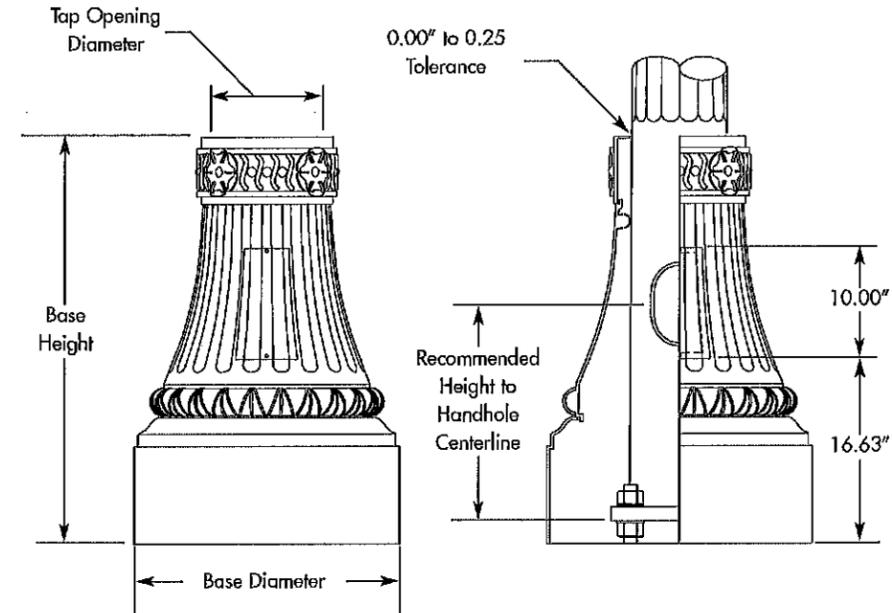


2-HN-2A

Valmont Industries, Inc., 7002 N. 288th St., P.O. Box 358 ~ Valley, Nebraska 68064-0358 (402) 359-2201 ~ www.valmont.com

**HUNTINGTON HN24-AB
24" ALUMINUM CLAMSHELL DECORATIVE BASE**

BASE MOUNTING DETAIL



NOTE: Pole handhole locations may vary based on rim clearance requirements, pole leveling method and shaft diameter fit tolerances.

DIMENSIONAL DATA TABLE

DESCRIPTION	CATALOG NUMBER	BASE DIMENSIONS			POLE DIMENSIONS FOR BASE			HAND-HOLE	
		TOP	BASE	HEIGHT	OD	HEIGHT	WIDTH	HEIGHT TO CENTERLINE	
HUNTINGTON 24"	HN24AB-065-367-[F]-[O]	6.25	24.00	36.69	6.80	6.07	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-066-367-[F]-[O]	6.50	24.00	36.69	6.60	6.17	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-070-367-[F]-[O]	6.75	24.00	36.69	7.00	6.57	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-073-367-[F]-[O]	7.00	24.00	36.69	7.30	6.87	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-075-367-[F]-[O]	7.25	24.00	36.69	7.50	7.07	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-078-367-[F]-[O]	7.50	24.00	36.69	7.82	7.39	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-080-367-[F]-[O]	7.75	24.00	36.69	8.00	7.57	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-085-367-[F]-[O]	8.25	24.00	36.69	8.50	8.07	23.00	4 x 6.5	19.50
HUNTINGTON 24"	HN24AB-090-367-[F]-[O]	8.75	24.00	36.69	9.00	8.57	23.00	4 x 6.5	19.50

Note: Replace [F] with Finish Selection and [O] with Hardware/Option Selection.

2-HN-2B

Valmont Industries, Inc., 7002 N. 288th St., P.O. Box 358 ~ Valley, Nebraska 68064-0358 (402) 359-2201 ~ www.valmont.com

SPC17154.06/05



Valmont's durable and attractive powder coat colors are chemical, corrosion and abrasion resistant. Enhance your pole's aesthetic appeal by selecting one of our custom powder coat colors.

Standard Colors - Available in any quantity at no additional charge.



DB=Dark Bronze ^{*SD} **MB**=Medium Bronze ^{*SD} **DG**=Dark Green ^{*SD} **HG**=Hunter Green ^{*SD}



BK=Black ^{*SD} **LG**=Light Gray ^{*SD} **WH**=White ^{*SD}

^{*SD} = Super Durable Powder, a premium quality finish, provides enhanced resistance to chalking and fading while improving color retention. Super Durable Powder is available in a variety of non-standard colors at an additional charge.

Readily Available Colors - Additional charges may be incurred.



CB = Cocoa Brown **ST** = Sandstone **BR** = Burgundy **RD** = Red ^{*SD}



BV = Dark Blue Violet **CG** = Copper Green **SL** = Silver

Choose from a rainbow of colors or Valmont can match a given color with large enough quantities and sufficient lead times.

PLEASE NOTE: Due to the printing process, color shown may vary from actual paint color. Contact Valmont for paint samples.

Powder Coating - Steel

Powder Coating - Steel

Need a tough, consistently finished product with a quick delivery? Use Valmont's high performance powder. Powder provides:

- color retention
- coating consistency
- superior gloss
- chemical and abrasion resistance
- ultra-violet durability
- overall weatherability
- environmentally safe

The resistance to abrasion provides long term corrosion protection. The result, a coating so durable that it results in a longer product life. Depend on Valmont's years of experience and knowledge in factory applied powder coating technology.

To insure the benefits of Valmont's F-264 powder coating, please specify:

Surface Preparation: The exterior steel surface is blast cleaned to Steel Structures Painting Council Surface Preparation Specification No. 6 (SSPC-SP6) requirements utilizing cast steel abrasives conforming to the Society of Automotive Engineers (SAE) Recommended Practice J827. The material must be visually inspected for lamination after blasting. The blast method used is a recirculating, closed cycle centrifugal wheel system with abrasive conforming to SAE Shot Number S280.

Coating: Interior surfaces (pole shafts only) at the base end for a length of approximately 2.0' are mechanically cleaned and coated with a zinc rich epoxy powder. The coating is electrostatically applied. All exterior surfaces are coated with either a Polyester Urethane, TGIC (Triglycidyl Isocyanurate) Polyester or, when specified, a Super Durable Powder to an average dry film thickness (DFT) of 3.0 mils (0.003"). The coating is electrostatically applied and cured in a gas fired convection oven by heating the steel substrate to a minimum of 350° F and a maximum of 400° F.

For enhanced performance, choose a Super Durable Powder. The Super Durable Powder provides a minimum of three times the gloss retention, color retention and ultra violet light resistance compared to the standard powder coatings. The Super Durable Powder is available only in Valmont's standard colors. Other colors may be made available upon factory request.

To ensure inter-process inspection, the coating must take place at the same physical location as the manufacturing process.

Packaging: In order to protect the superior finish during transportation, a wrapping of 1/8" U.V. inhibiting plastic-backed packing foam must be used prior to shipment on small poles. Larger poles are cradled in a 1" rubberized foam base.

800-825-6668
www.valmont.com



CAT2009 04/05



Valmont's durable and attractive powder coat colors are chemical, corrosion and abrasion resistant. Enhance your pole's aesthetic appeal by selecting one of our custom powder coat colors.

Standard Colors - Available in any quantity at no additional charge.



DB=Dark Bronze *SD **MB=Medium Bronze** *SD **DG=Dark Green** *SD **HG=Hunter Green** *SD



BK=Black *SD **LG=Light Gray** *SD **WH=White** *SD

*SD = Super Durable Powder, a premium quality finish, provides enhanced resistance to chalking and fading while improving color retention. Super Durable Powder is available in a variety of non-standard colors at an additional charge.

Readily Available Colors - Additional charges may be incurred.



CB = Cocoa Brown **ST = Sandstone** **BR = Burgundy** **RD = Red** *SD



BV = Dark Blue Violet **CG = Copper Green** **SL = Silver**

Choose from a rainbow of colors or Valmont can match a given color with large enough quantities and sufficient lead times.

PLEASE NOTE: Due to the printing process, color shown may vary from actual paint color. Contact Valmont for paint samples.

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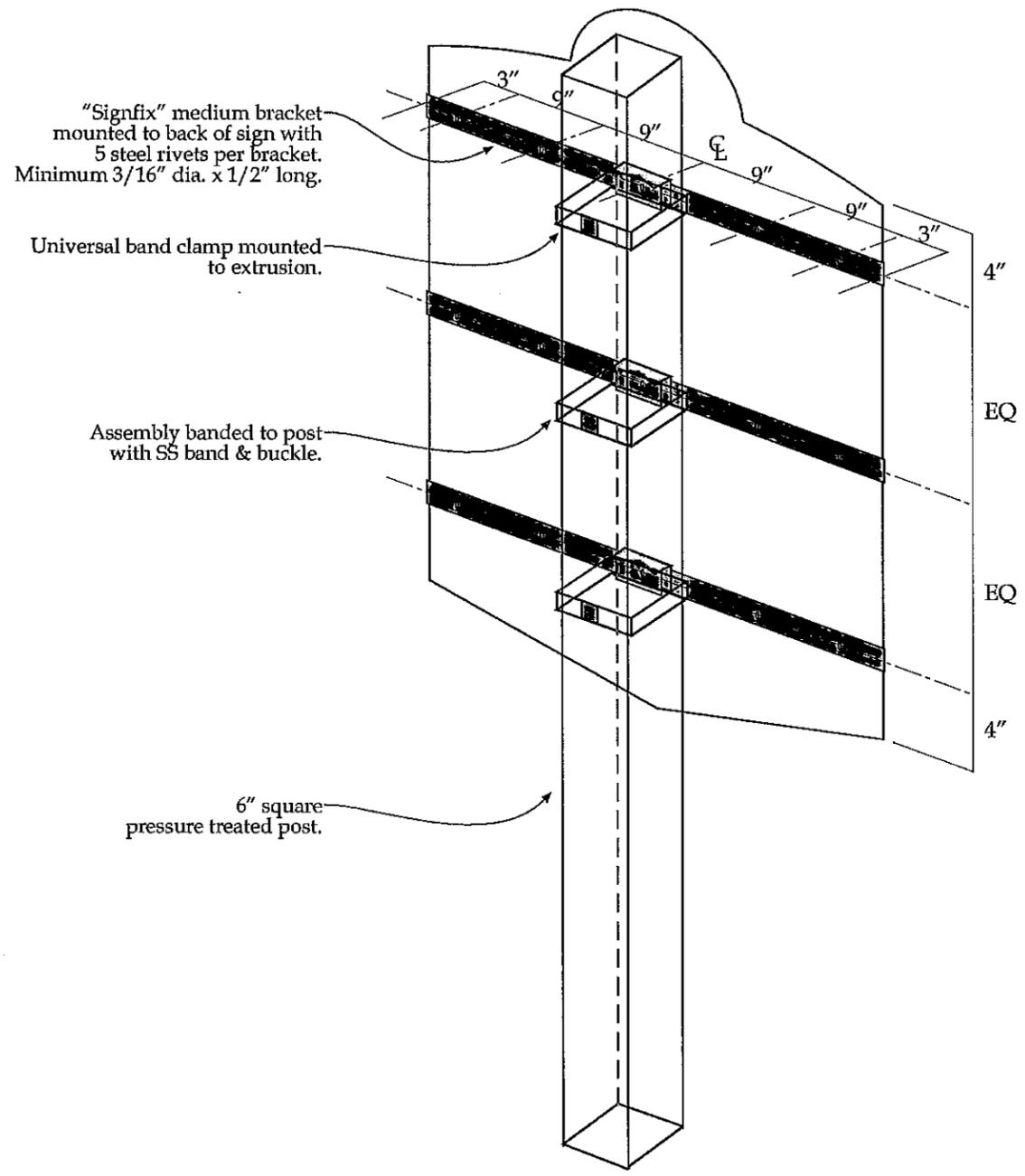
To ensure inter-process inspection, the coating must take place at the same physical location as the manufacturing process.

Packaging: In order to protect the superior finish during transportation, a wrapping of 1/8" U.V. inhibiting plastic-backed packing foam must be used prior to shipment on small poles. Larger poles are cradled in a 1" rubberized foam base.

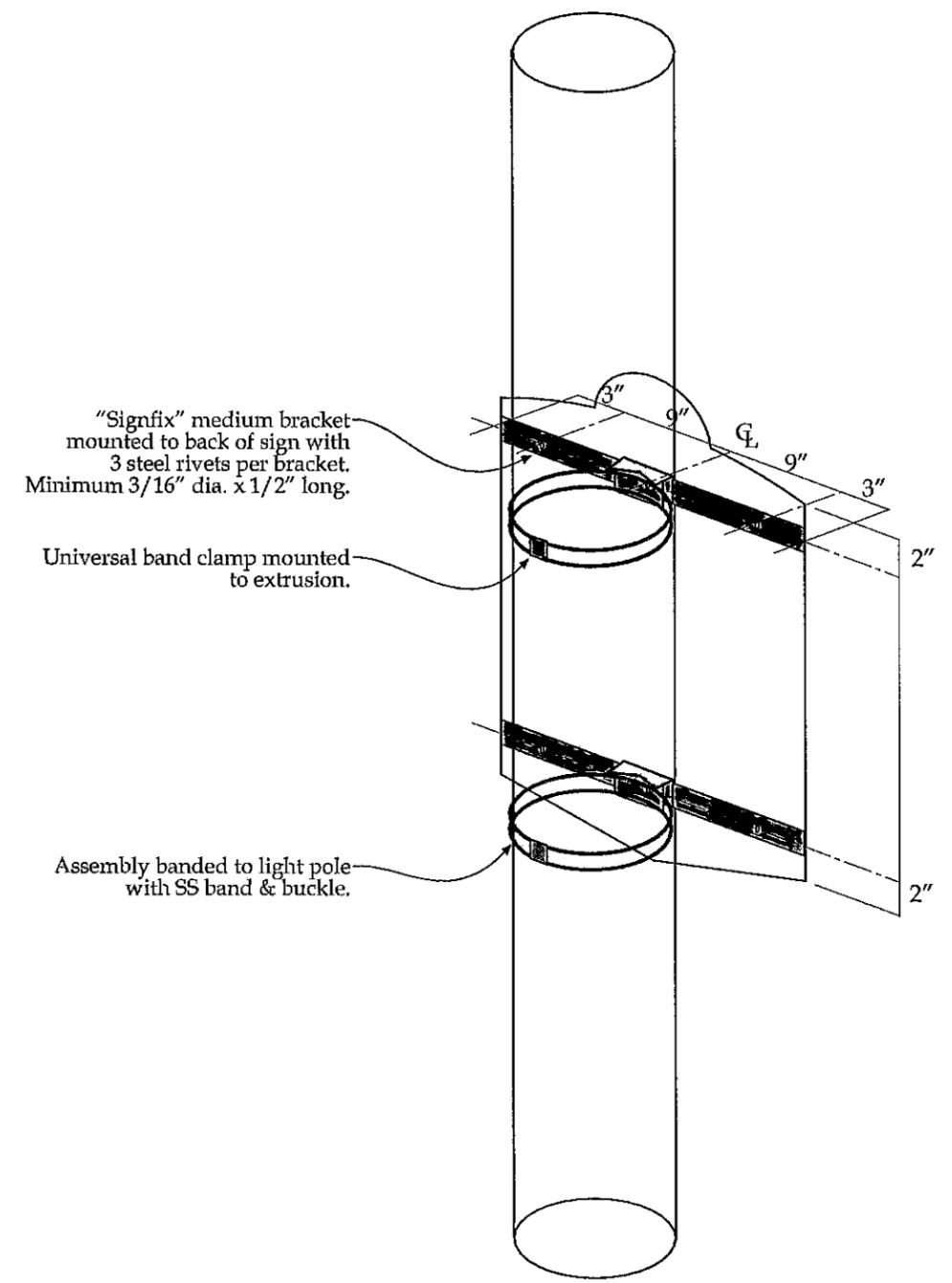
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CAT2009 04/05



1 **T1: MOUNTING DETAIL**
Not to Scale



2 **T3a: MOUNTING DETAIL**
Not to Scale

SIGN FIX



SIGNFIX

In addition to standard mounting hardware, we are proud to offer SIGNFIX Engineered Modular Sign Support Systems. The SIGNFIX system was developed and extensively used in the United Kingdom before being brought to the United States. To simplify, the SIGNFIX system uses extrusions with identical channel configurations to allow the use of any SIGNFIX hardware with any extrusion. Extrusions are attached to the back of signs with rivets or 3M VHB (Very High Bond) tape. SIGNFIX mounting hardware can then be slid into the channel and secured in place.

Enlarge Street Name Signs
Mast Arm Signs
Informational Signs

EXTRUSIONS

Medium extrusions are for signs from 3' to 18'



Large Extrusions are for signs from 10' to 30' wide.



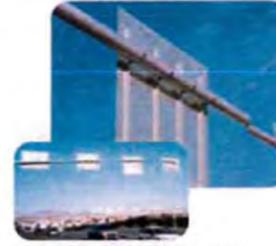
Large Corner Angle Extrusions are for signs 10' to 30' wide.



Palo Alto, California used Medium Channel and Universal Channel Clamps to offset mount this 4' x 5' guide sign. Installation time was less than 5 minutes.



These 10' wide, 18" tall signs were installed using Medium Channel and Universal Channel Clamps. Installation was less than 5 minutes per sign.



These oversized guide signs were mounted to the mast arm using Signfix Medium Channel and Universal Channel clamps. The largest sign is 6' x 6'.



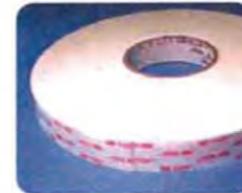
This 4' x 4' x .080 gauge aluminum sign was installed in less than 5 minutes using Signfix Large Corner Angle Channel and Universal Channel Clamps.



This 48" Stop sign kept tearing through the rivets and washers used to mount it to the prepunched tubing. Once again Signfix extrusions and clamps were used to solve the problem.



This 2' x 8' sign has been offset 2/3rds and mounted to the pole using Signfix Large Corner Angle Channel and Universal Channel Clamps. The bottom 2' x 6' sign was installed the same way. Installation time for both signs was less than 15 minutes.



VHB TAPE
 Available in 3/4", 1", 2" x 108 ft. (36 yds.)
 3/4" x 36 yds #16621000
 1" x 36 yds #16621100
 2" x 36 yds #16621200



The Nevada DOT used Signfix Large Channel with 3M VHB tape to assemble and mount this 12' x 8' sign. This 4-panel .080 gauge aluminum sign was assembled in 25 minutes and installed in less than one hour.

SIGNFIX HARDWARE

FOR ROUND POSTS:

Anti-Rotational Twist-in Clamp

Post Diameter	Part Number
2"	#SX0001
2-3/8"	#SX0002
3"	#SX0003
3-1/2"	#SX0004
4"	#SX0005
4-1/2"	#SX0106

Two Bolt "D" Clamp

Post Diameter	Part Number
2"	#SX0091
2-1/2"	#SX0092
3"	#SX0093
3-1/2"	#SX0094
4"	#SX0095
4-1/2"	#SX0096

Heavy Duty 2-Bolt "D" Clamp

Post Diameter	Part Number
5"	#SX0086
5-1/2"	#SX0087
6"	#SX0088
6-5/8"	#SX0008
7-5/8"	#SX0009
8-5/8"	#SX0010

Universal Channel Clamp

For any diameter post attached with Band-It stainless steel band and buckle #SX00220

Back to Back Channel Clamp

3"	#SX0140
4"	#SX0142

FOR RECTANGULAR POSTS:

Size	Part Number
------	-------------

RHS Clamps B

1-3/4" X 1-3/4"	#SX0196
2" X 2"	#SX0061
2-1/2" X 2-1/2"	#SX0062
4" X 2"	#SX0063
3-1/2" X 1-1/8"	#SX0064
3-1/8" X 3-1/8"	#SX0065

Heavy Duty RHS Clamp with Insert

With insert for extra strength	
4-3/4" X 3-1/8"	#SX0144

ACCESSORIES:

Stainless Steel Mounting Bracket

1-1/2" X 5-3/8"	#SX0083
-----------------	---------

Threaded Stud

For attaching extrusions to square wood posts or pre-punched steel or aluminum posts.	
5" threaded stud	#SX0084
7" threaded stud	#SX0085
Insert Plate	#SX0069

Span Wire Clip

Allows passage of wire between the inside of the clip and the aluminum extrusion. For 3/8" span wire #SX0007

Lip-Lok Bolt

Shape of head provides maximum contact with inside of extrusion channel for superior holding power.	
1-3/16" bolt, nut, washer	#SX0120
1-7/16" bolt, nut, washer	#SX0121

Twist-In Bolt

1" Twist-in bolt, nut, washer	#SX0110
1-1/4" twist-in bolt, nut, washer	#SX0112

Square Head Bolt

3" square head bolt w/nut	#SX0071
3/4" square head bolt, nut, washer	#SX0108
1" square head bolt, nut, washer	#SX0109
1-1/4" square head bolt, nut, washer	#SX0111
2" square head bolt, nut, washer	#SX0114
2-1/2" square head bolt, nut, washer	#SX0115
3" square head bolt, nut, washer	#SX0116

Lockwasher

	#SX0117
--	---------

Nylon Nut

	#SX0118
--	---------

Vandal Proof Nut

	#SX0119
--	---------

FOR FLANGED POSTS:

RSJ Clamps with Lip-Lock bolt

For I-Beam or U-shaped flanged posts. Attach one to each side of post with included bolt assembly. #SX0067

www.tssco.com

BAND-IT
4799 Dahlia St.
Denver, CO 80216

Signix SM Section: Corner Angle 1.9	Section Modulus at Top: 0.2220 inches ³
Support Type: Center	Section Modulus at Bottom: 0.7060 inches ³
Aluminum Gauge: 0.0800 inches	Moment of Inertia: 0.2799 inches ⁴
Wind Load (PSF): 52	

Stiffeners On This Sign: 3

Picture not drawn to scale

Sign Width: 3 feet 0 inches	End To Center Space (A): 1 foot 9.00 inches
Sign Height: 6 feet 0 inches	Center to End Space (B): 1 foot 9.00 inches
	Stiffener Spacing (C): 30 inches
	Top/Bottom Spacing (D): NONE

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BAND-IT
4799 Dahlia St.
Denver, CO 80216

Signix SM Section: Corner Angle 1.9	Section Modulus at Top: 0.2220 inches ³
Support Type: Center	Section Modulus at Bottom: 0.7060 inches ³
Aluminum Gauge: 0.0800 inches	Moment of Inertia: 0.2799 inches ⁴
Wind Load (PSF): 52	

Stiffeners On This Sign: 2

Picture not drawn to scale

Sign Width: 3 feet 0 inches	End To Center Space (A): 1 foot 6.00 inches
Sign Height: 5 feet 2 inches	Center to End Space (B): 1 foot 6.00 inches
	Stiffener Spacing (C): 30 inches
	Top/Bottom Spacing (D): 1 foot 1.00 inches

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BAND-IT
4799 Dahlia St.
Denver, CO 80216

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Support Type: Center	Section Modulus at Bottom: 0.7060 inches ³
Aluminum Gauge: 0.0800 inches	Moment of Inertia: 0.2799 inches ⁴
Wind Load (PSF): 52	

Stiffeners On This Sign: 2

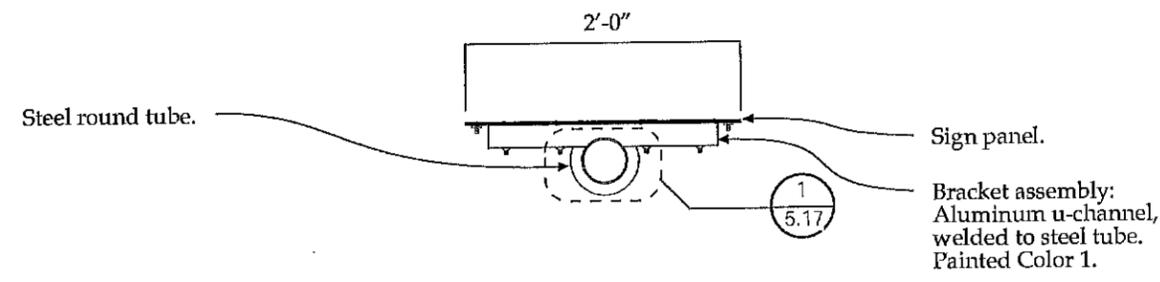
Picture not drawn to scale

Sign Width: 2 feet 6 inches	End To Center Space (A): 1 foot 3.00 inches
Sign Height: 4 feet 4 inches	Center to End Space (B): 1 foot 3.00 inches
	Stiffener Spacing (C): 36 inches
	Top/Bottom Spacing (D): 8.00 inches

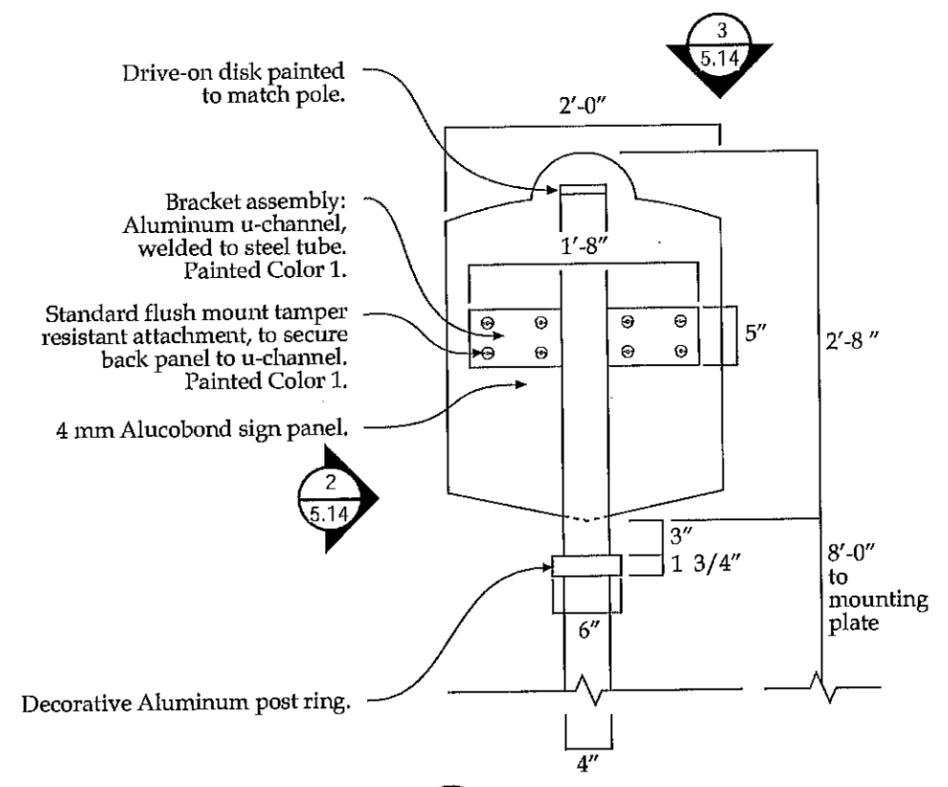
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Copyright 1997, J.O. Hebel Company, Inc.

Typical Sign Construction

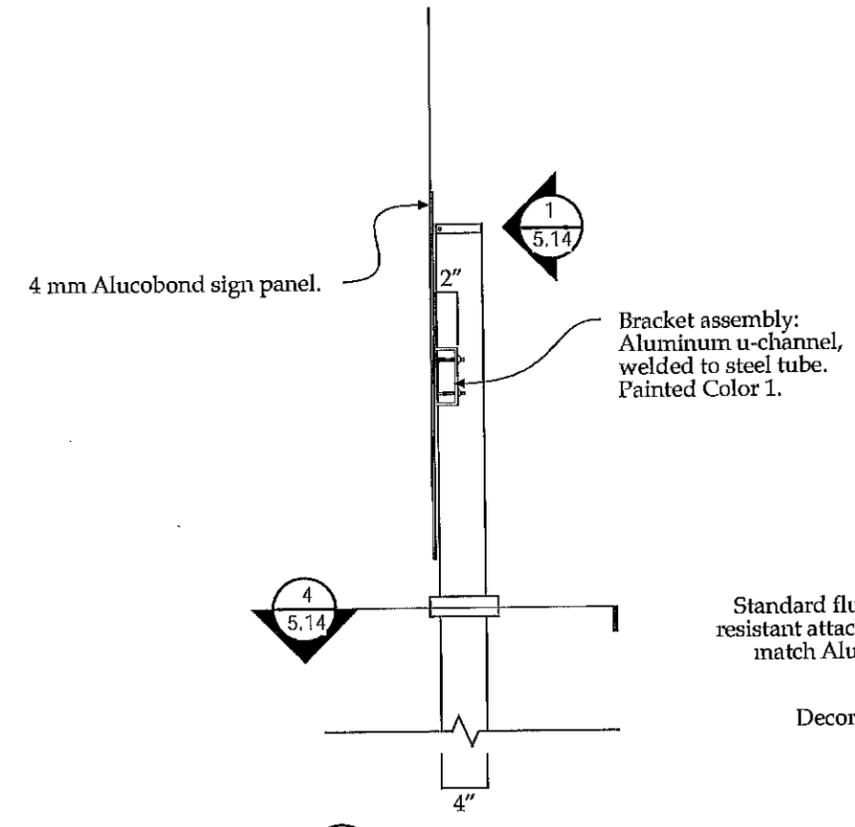
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) TBD based on client input of design studies on page 01.
 3. Thickness of steel tube TBD by sign contractor.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



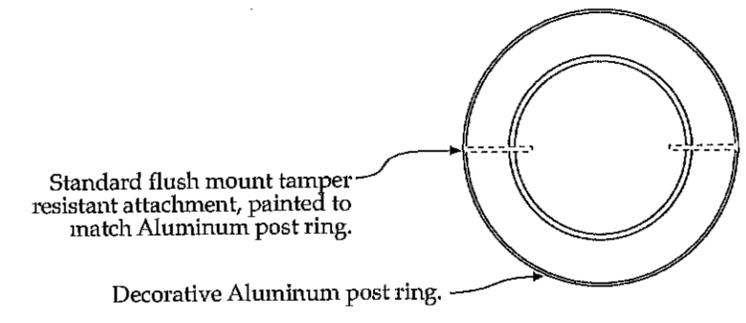
3 PLAN VIEW
Scale: 3/4" = 1'-0"



1 T2: BACK ELEVATION
Scale: 3/4" = 1'-0"

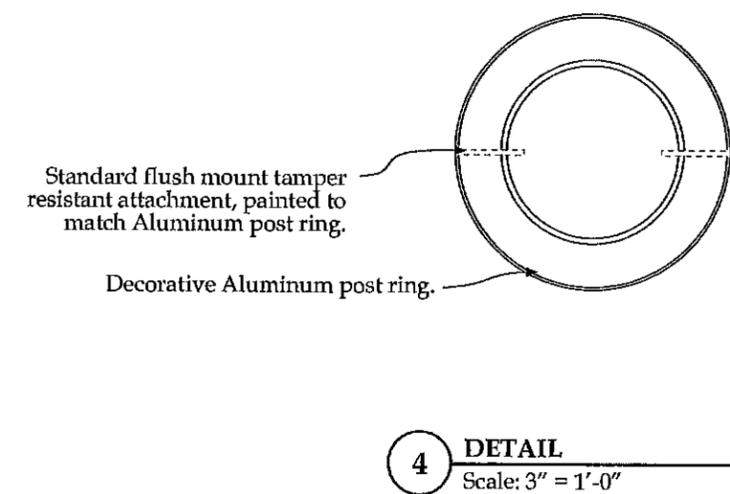
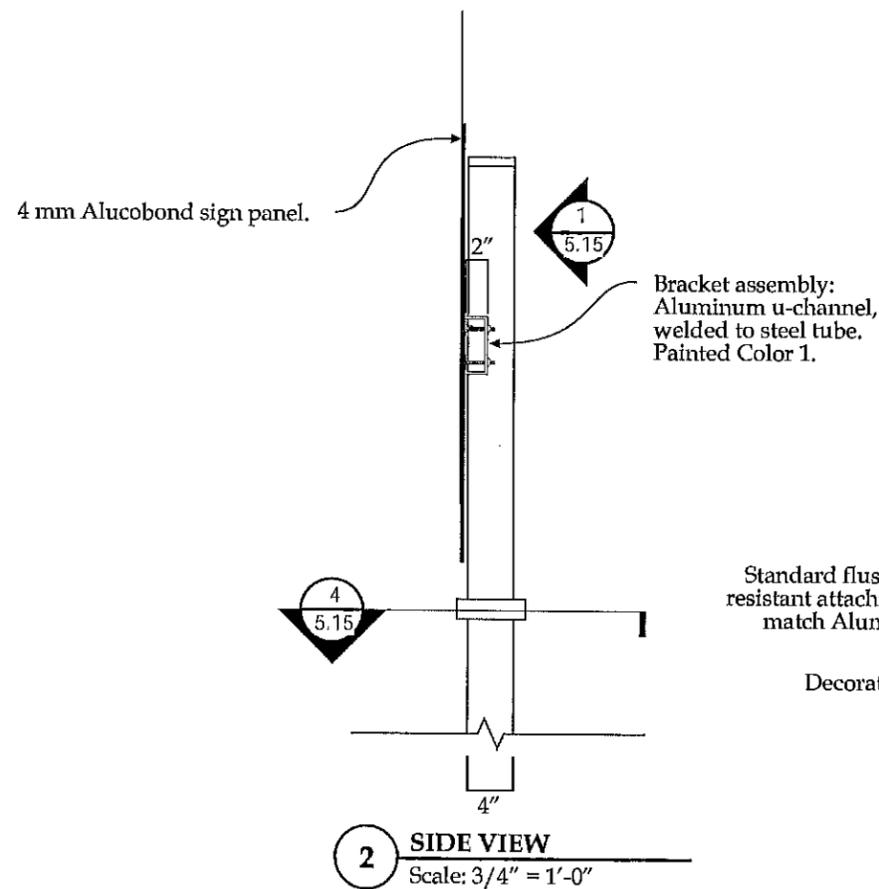
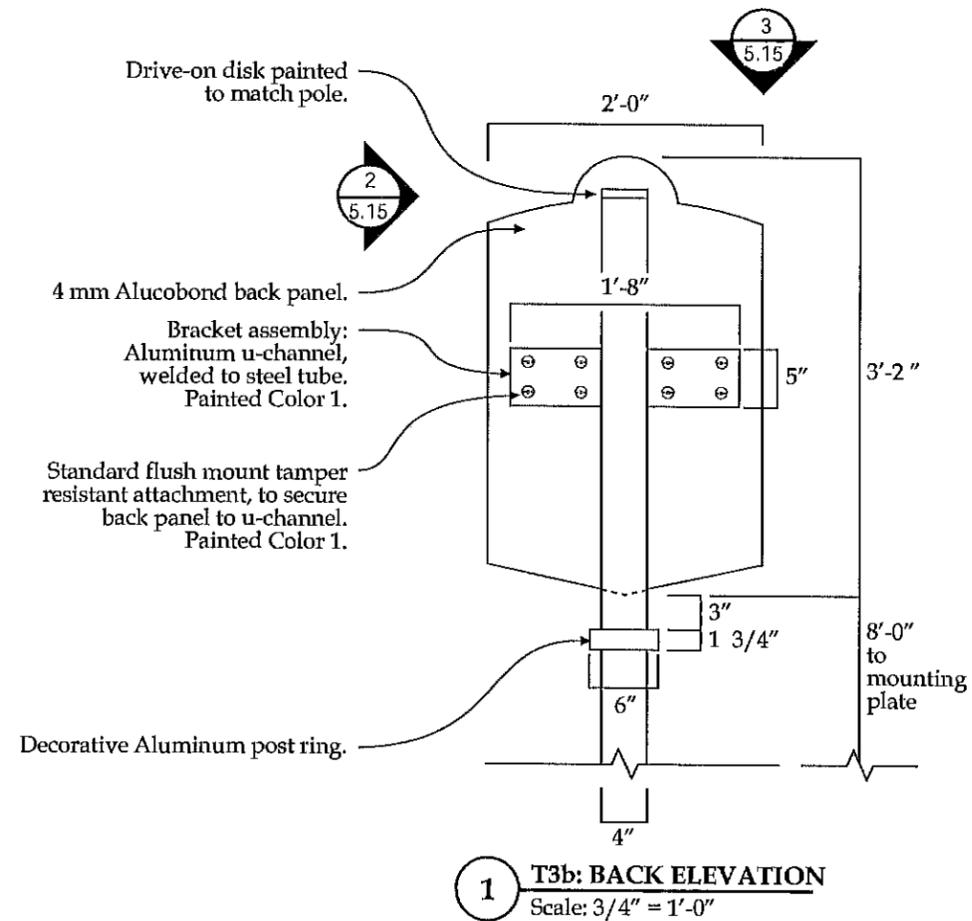
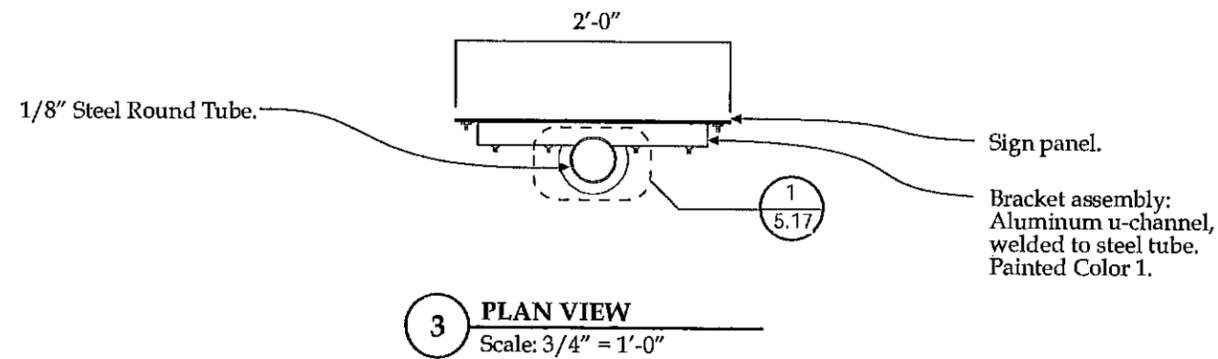


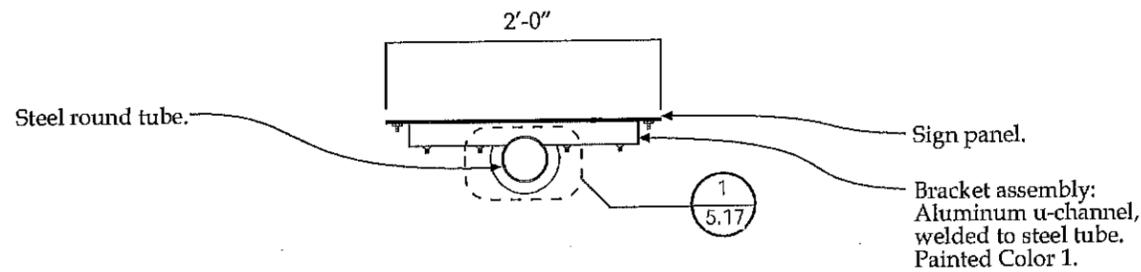
2 SIDE VIEW
Scale: 3/4" = 1'-0"



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

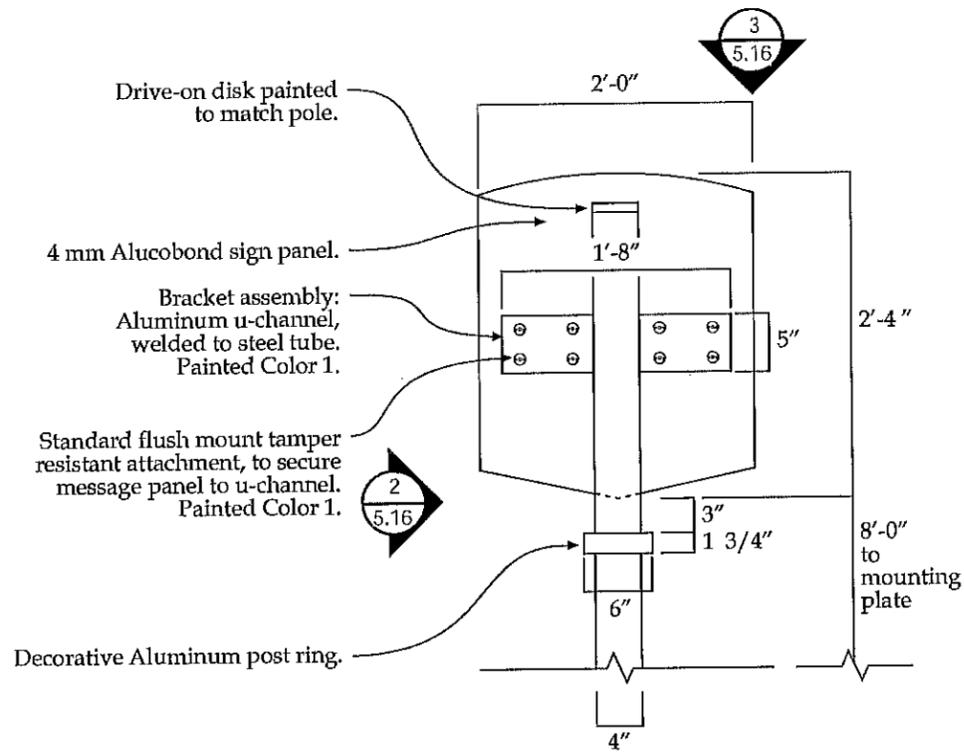
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) TBD based on client input of design studies on page 01.
 3. Thickness of steel tube TBD by sign contractor.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



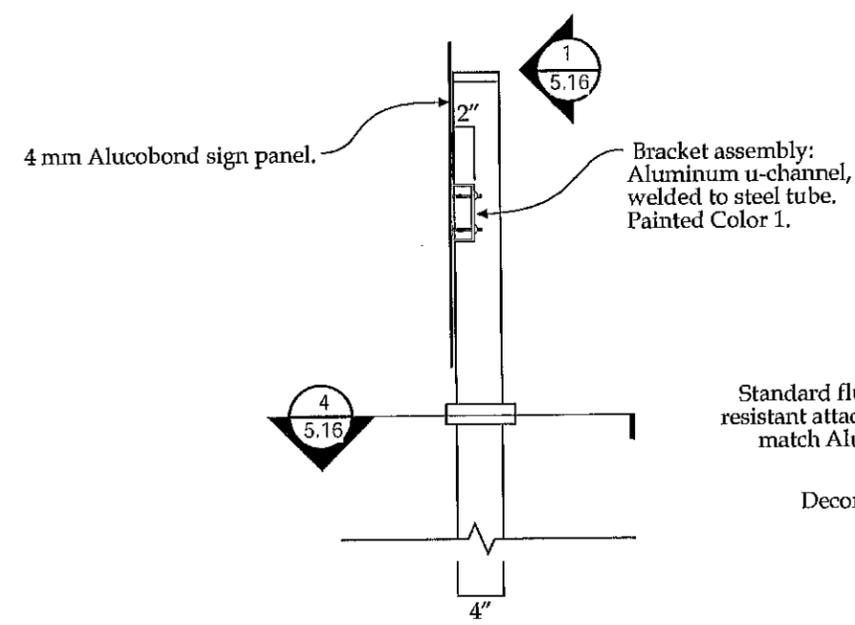


3 PLAN VIEW
Scale: 3/4" = 1'-0"

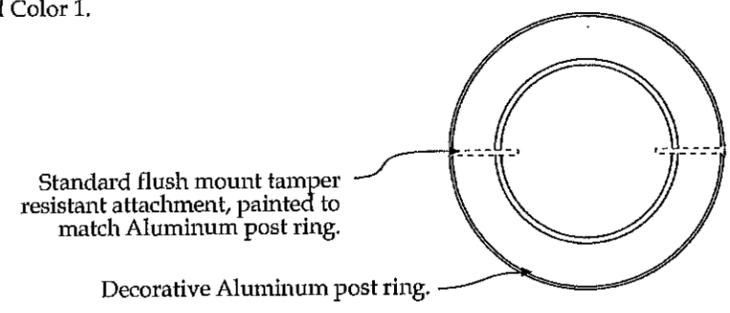
- Notes:
1. Cover all graphic surfaces with 3M graffiti film.
 2. Final sign layout (overall design of panel) TBD based on client input of design studies on page 01.
 3. Thickness of steel tube TBD by sign contractor.
 4. Thickness and number of u-channels per sign TBD by sign contractor.



1 G3: BACK ELEVATION
Scale: 3/4" = 1'-0"

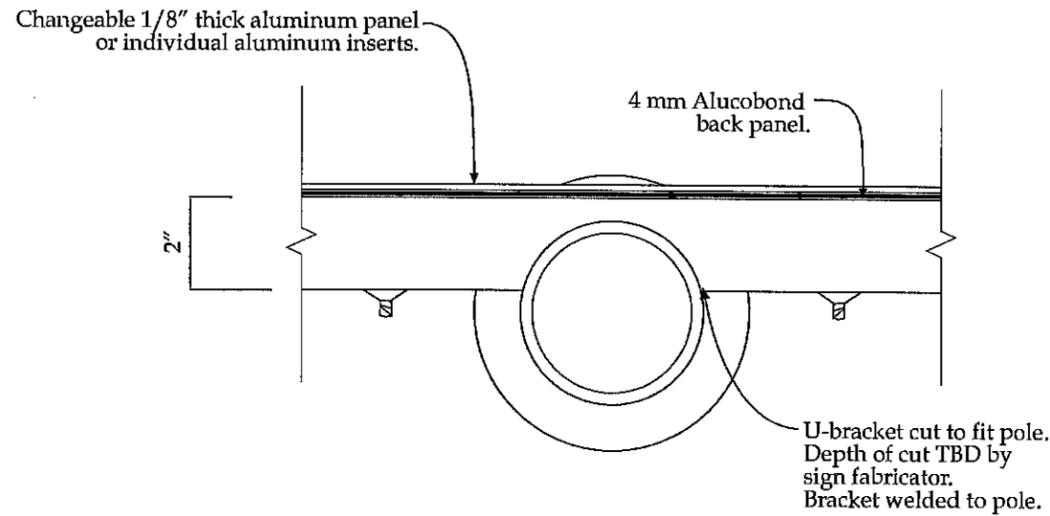


2 SIDE VIEW
Scale: 3/4" = 1'-0"

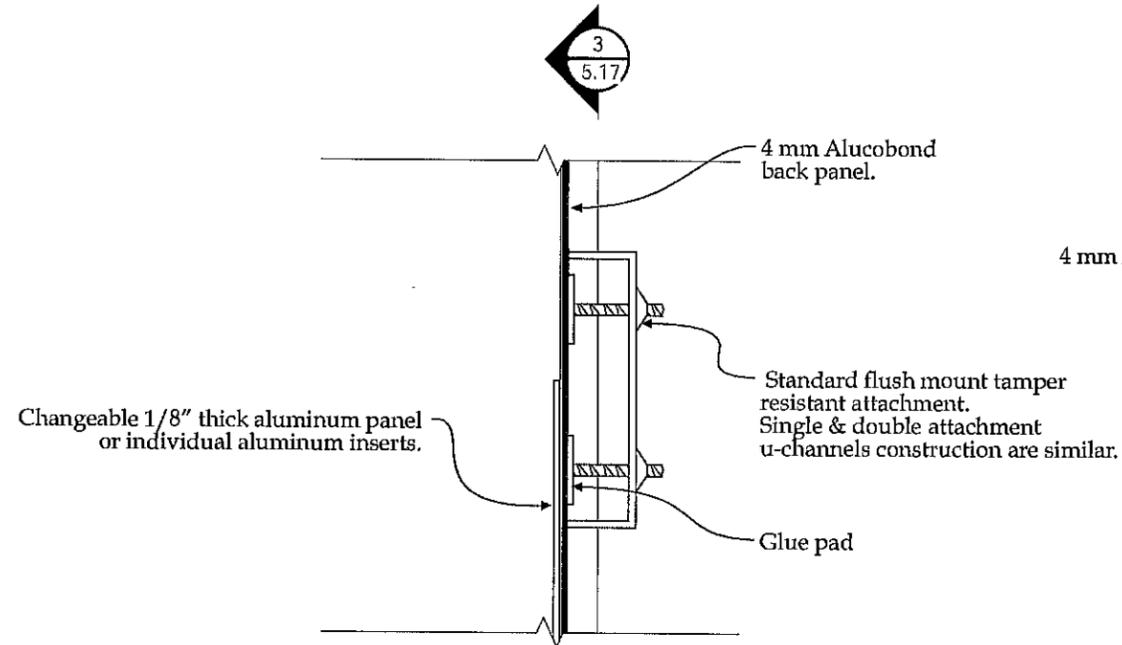


4 DETAIL
Scale: 3" = 1'-0"

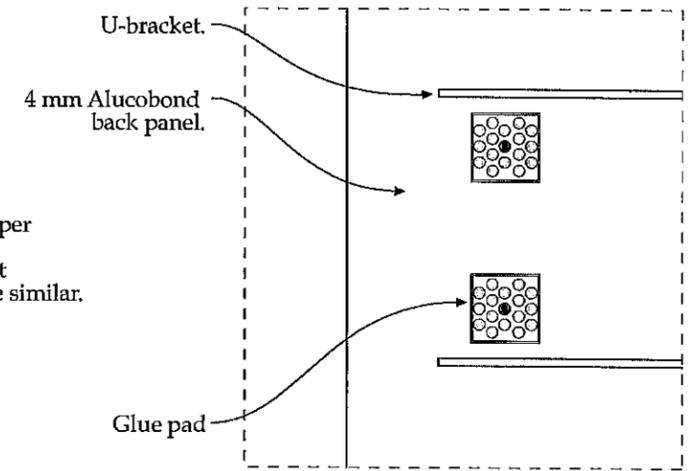
Notes:
 1. Construction typical for Sign Types V1, V2, V3, VH1, VH2, VH3, T2, T3a, and G3, unless otherwise noted.



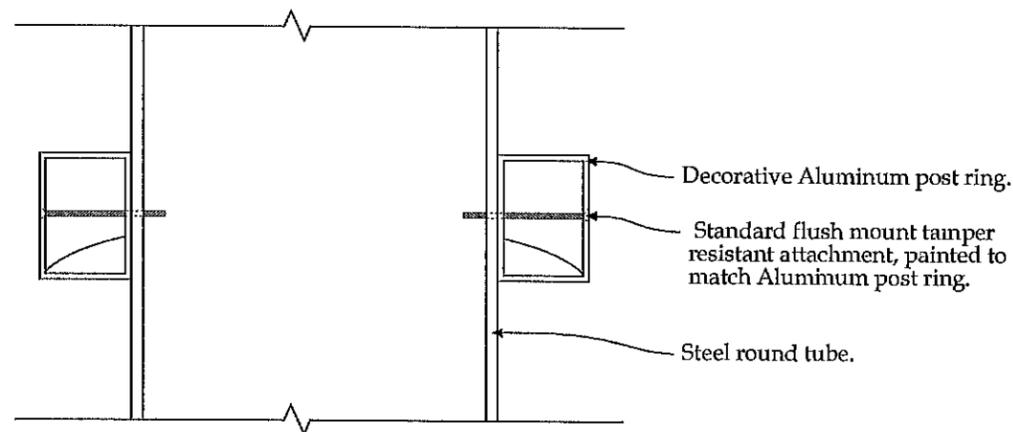
1 TYPICAL U-CHANNEL PLAN DETAIL
 Scale: 3" = 1'-0"



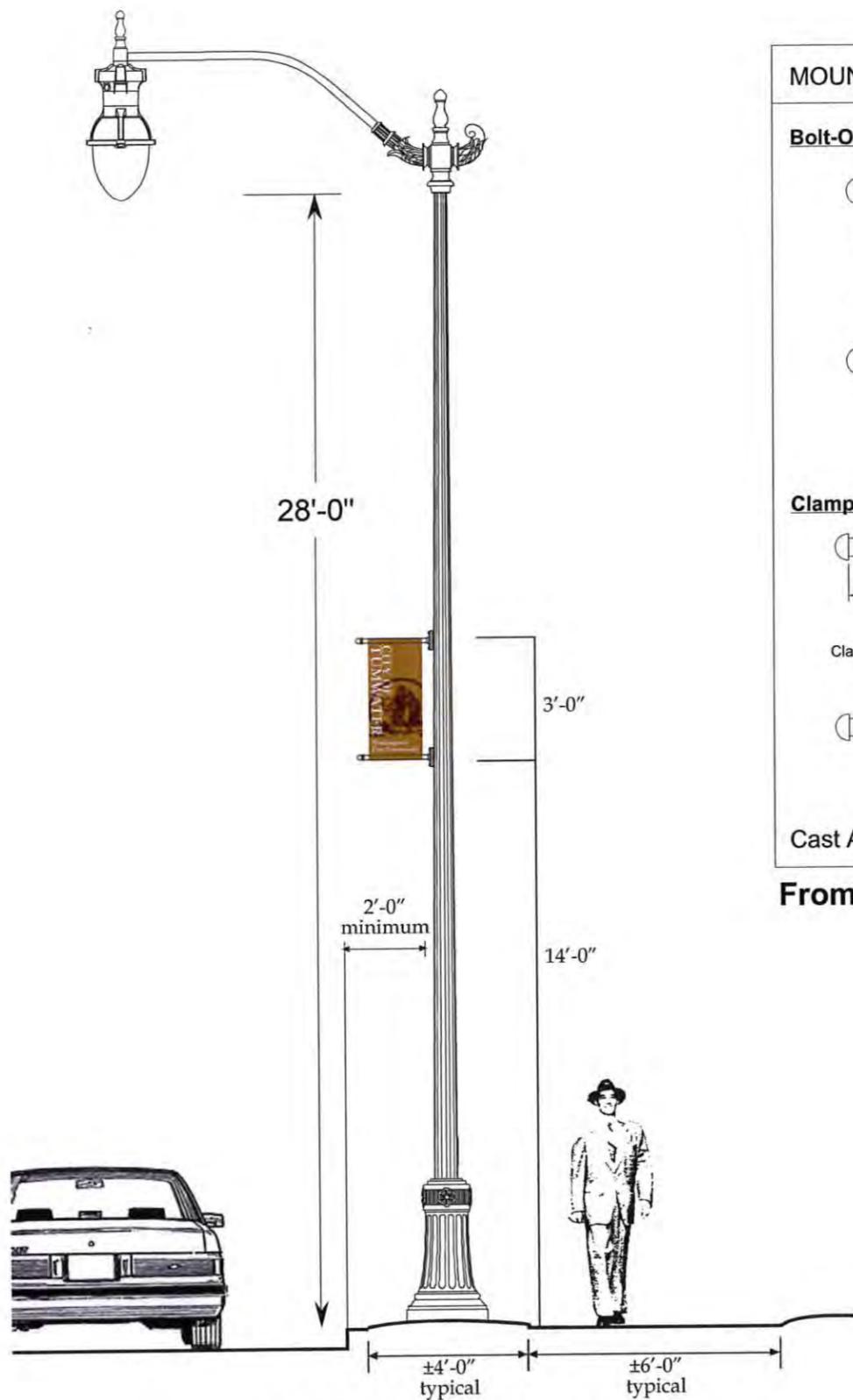
2 TYPICAL U-CHANNEL SIDE DETAIL
 Scale: 3" = 1'-0"



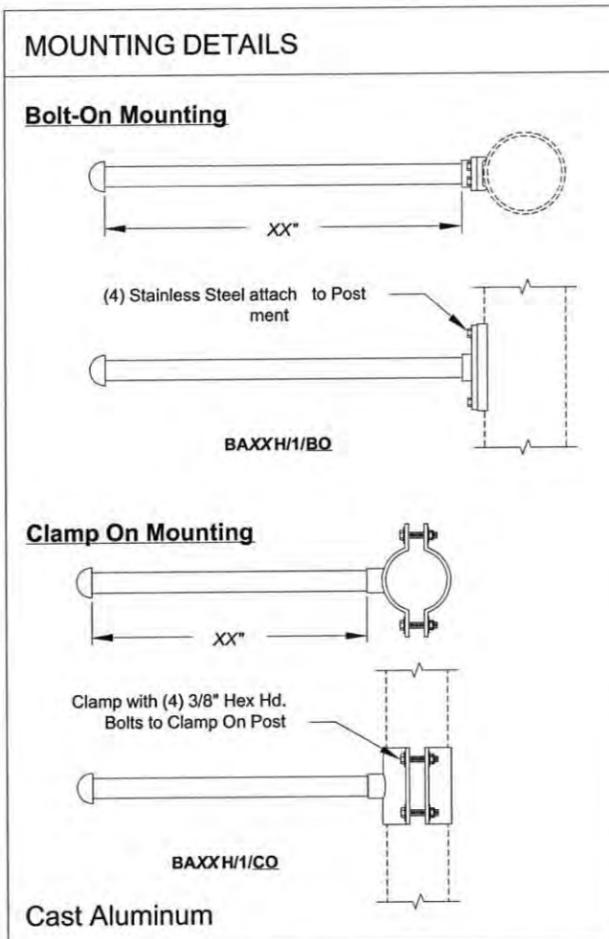
3 TYPICAL GLUE PAD DETAIL
 Scale: 3" = 1'-0"



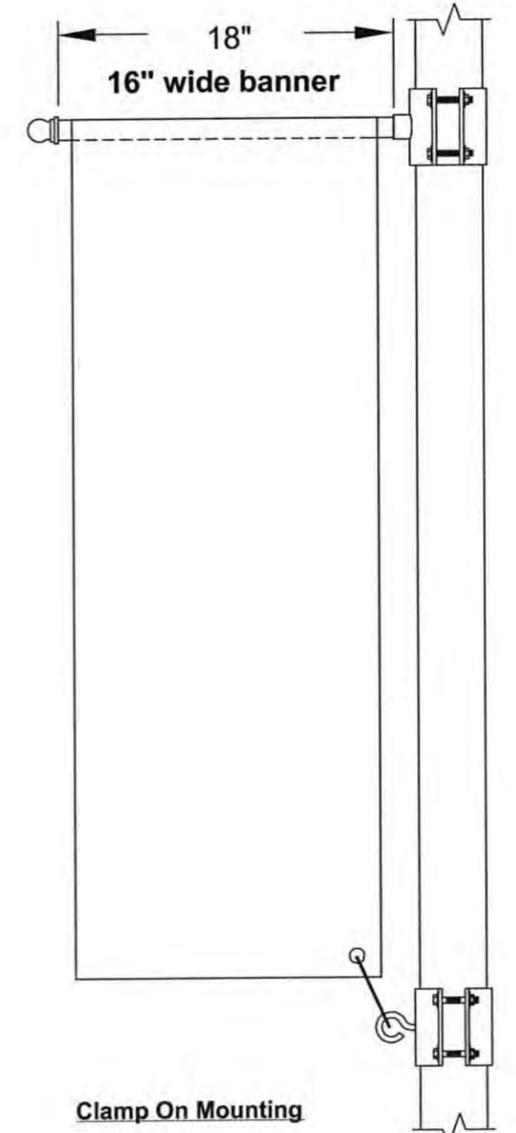
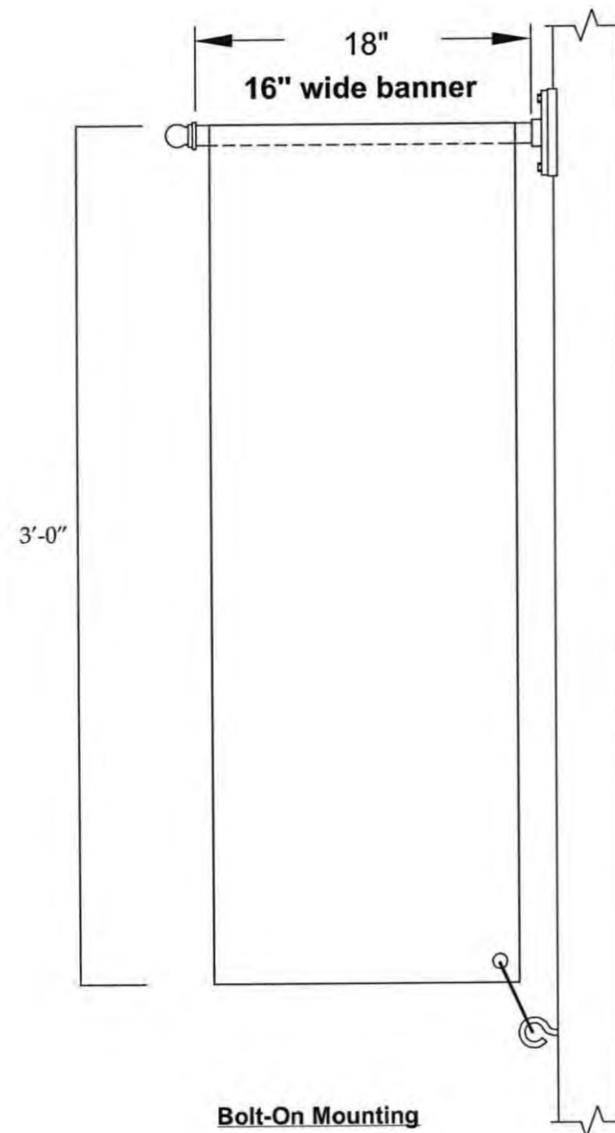
4 V1, V2, V3, T2, T3b, G3 TYPICAL ALUMINUM RING DETAIL
 Scale: 3" = 1'-0"



1 B1: TYPICAL ELEVATION
Scale: 1/4" = 1'-0"



From Holophane: Banner Arms

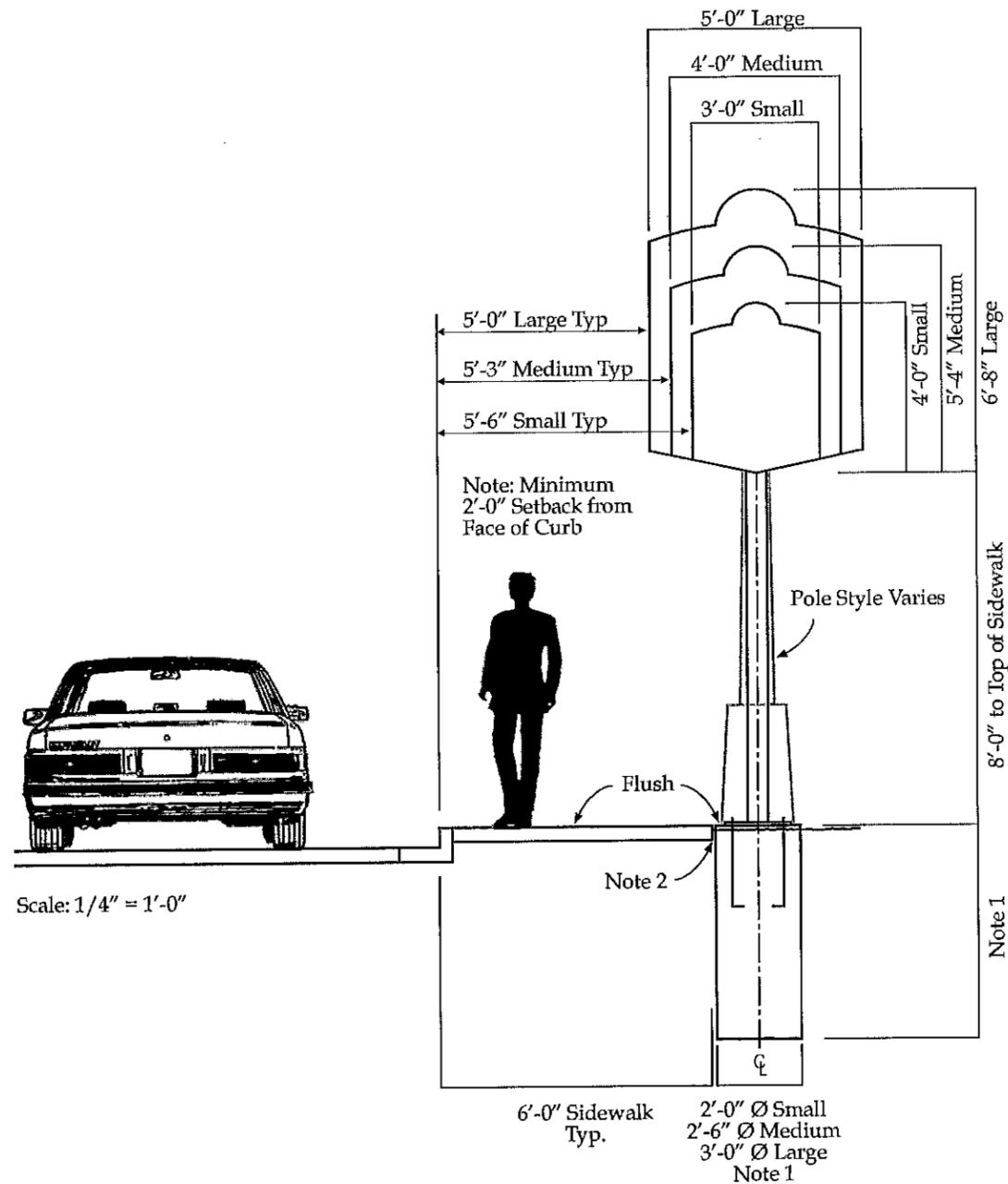


- Notes:
1. Per manufacturer: Maximum 4 sq. ft. for 90mph wind load rating.
 2. Per manufacturer: Use of eye-hook attachment doubles allowable banner size.
 3. 3" x 1'-4" = 3.87 sq. ft.

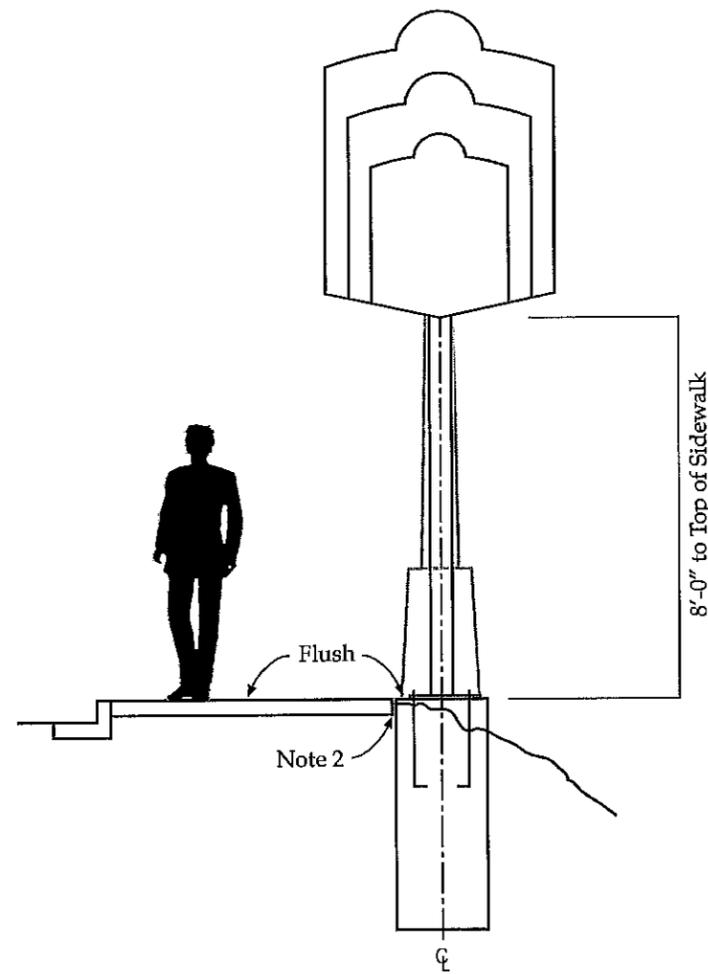
- Reviewer Note:
1. City bracket schematics needed.

6. Installation Details

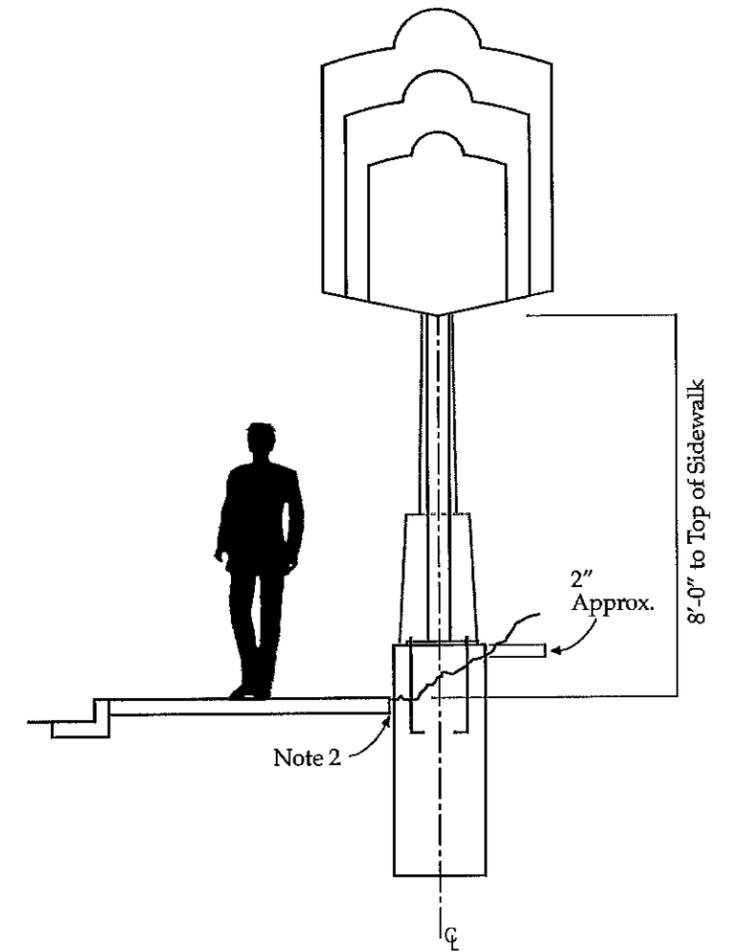
TYPICAL INSTALLATION CONDITION 1: SIDEWALK



INST.1A
Sidewalk with Level Grade

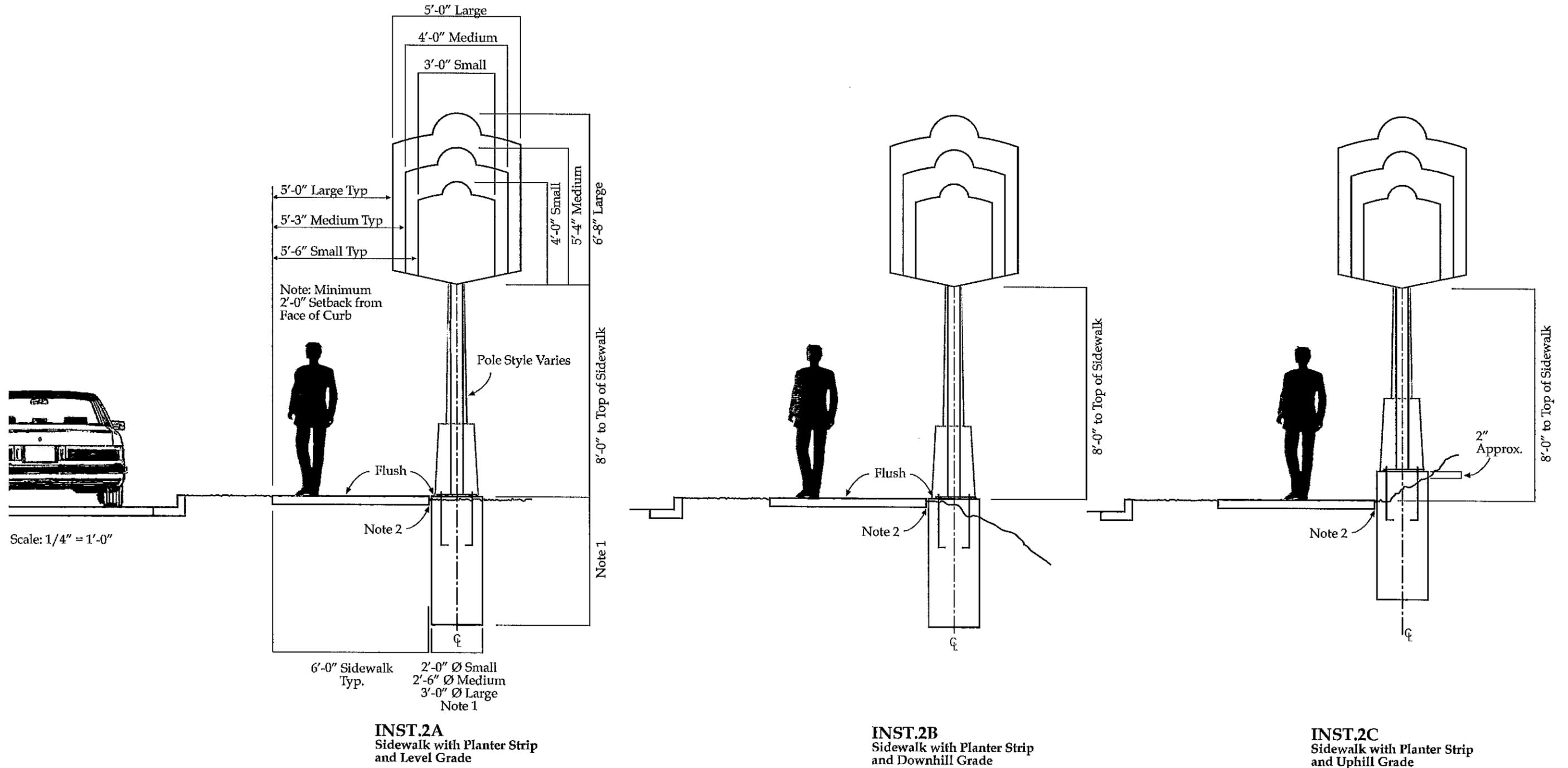


INST.1B
Sidewalk with Downhill Grade

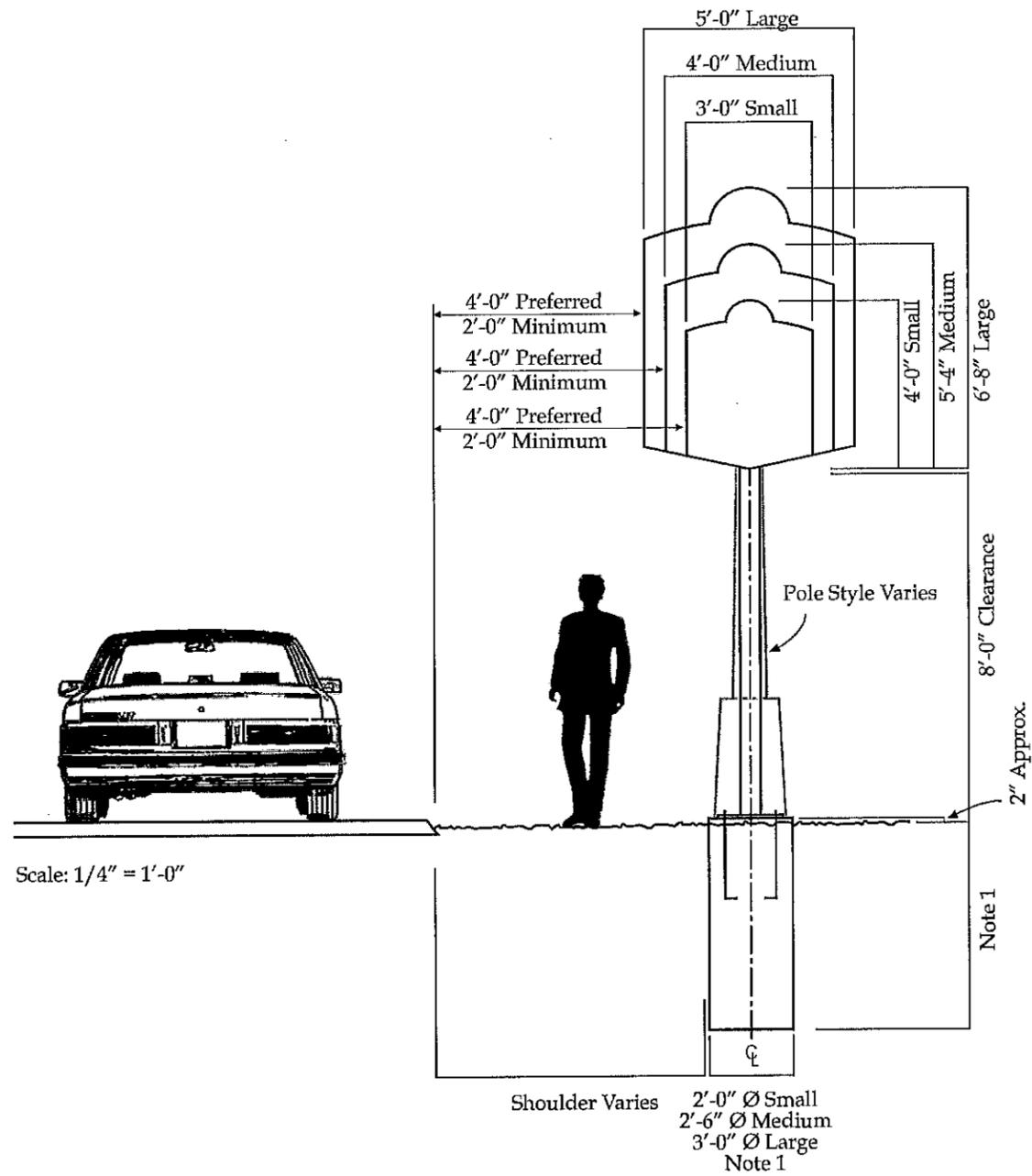


INST.1C
Sidewalk with Uphill Grade

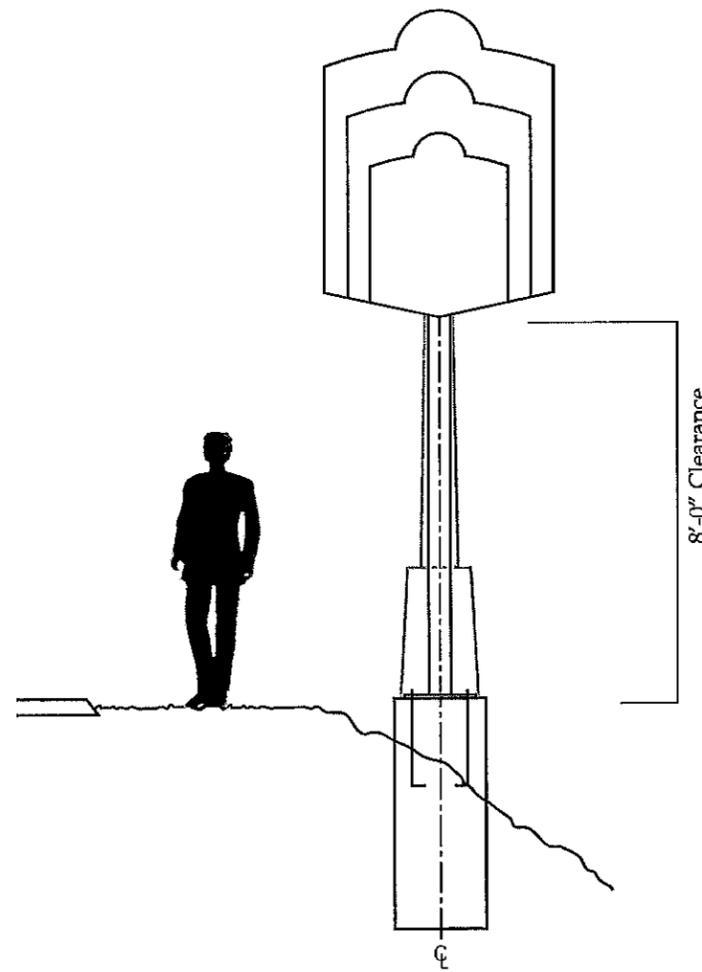
TYPICAL INSTALLATION CONDITION 2: SIDEWALK WITH PLANTER STRIP



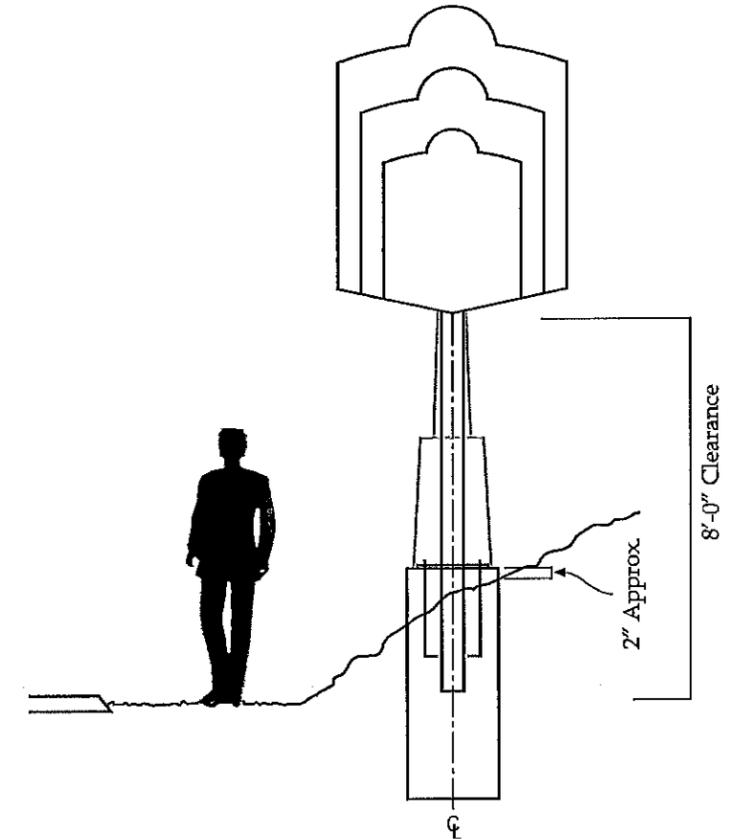
TYPICAL INSTALLATION CONDITION 3: NO SIDEWALK



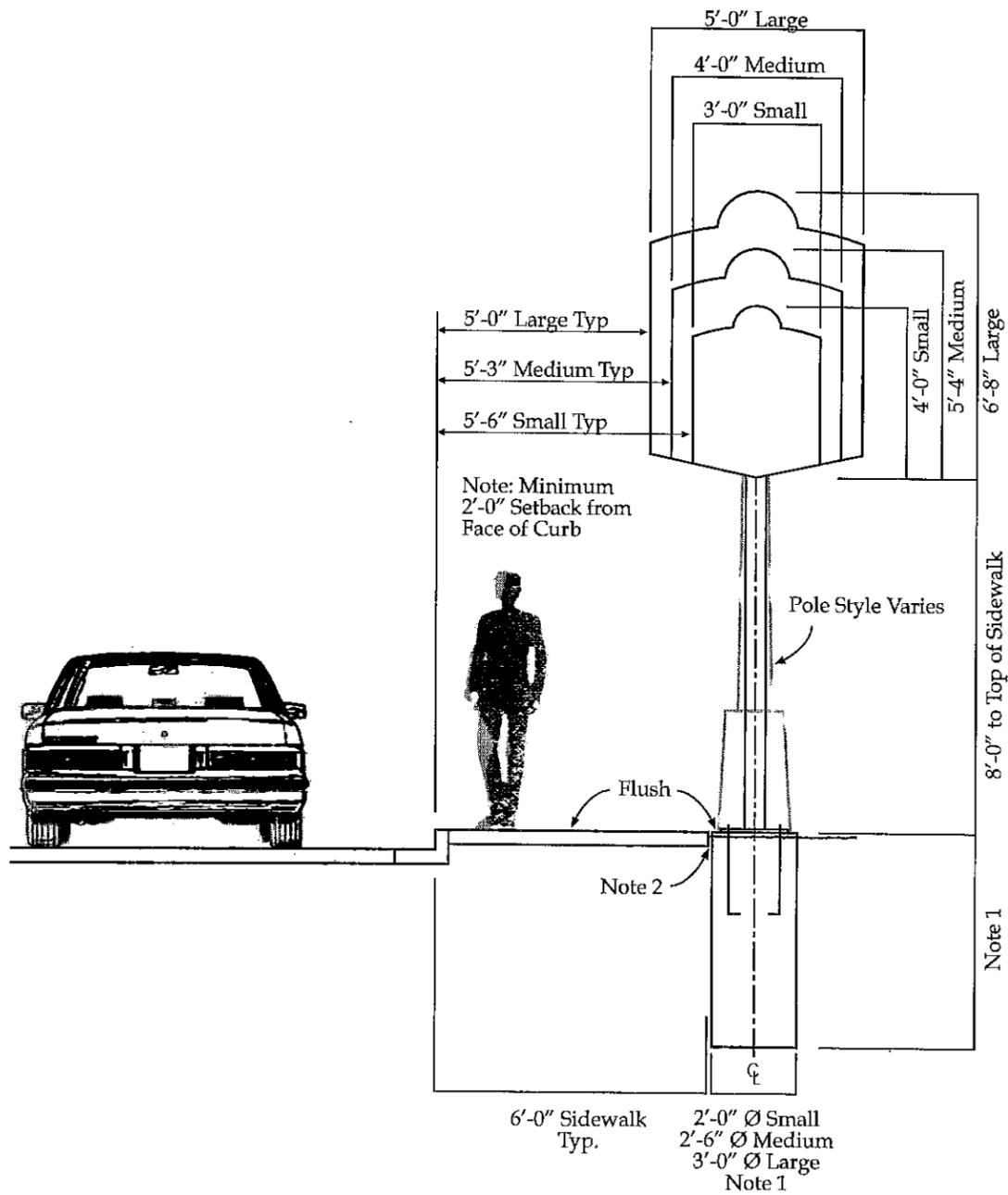
INST.3A
No Sidewalk with Level Grade



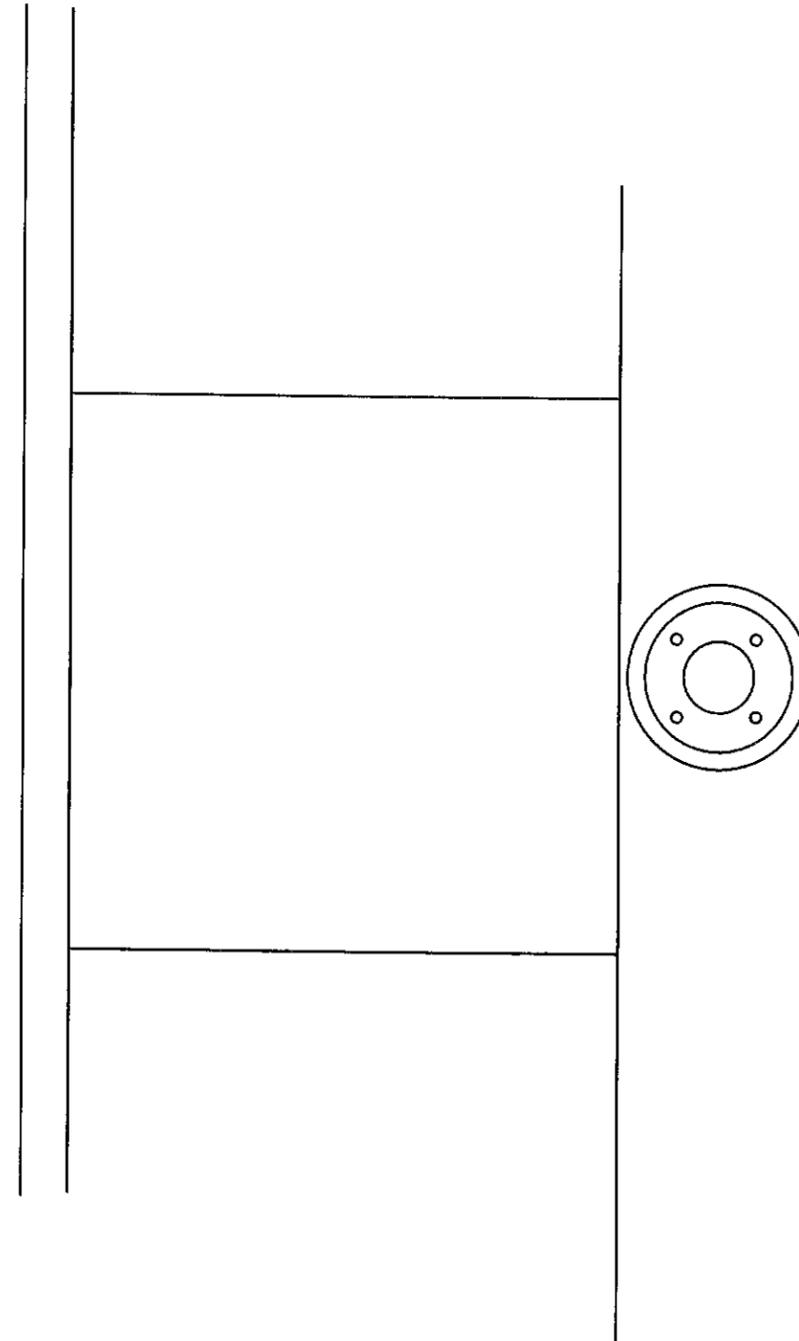
INST.3B
No Sidewalk with Downhill Grade



INST.3C
No Sidewalk with Uphill Grade



Sidewalk with Level Grade

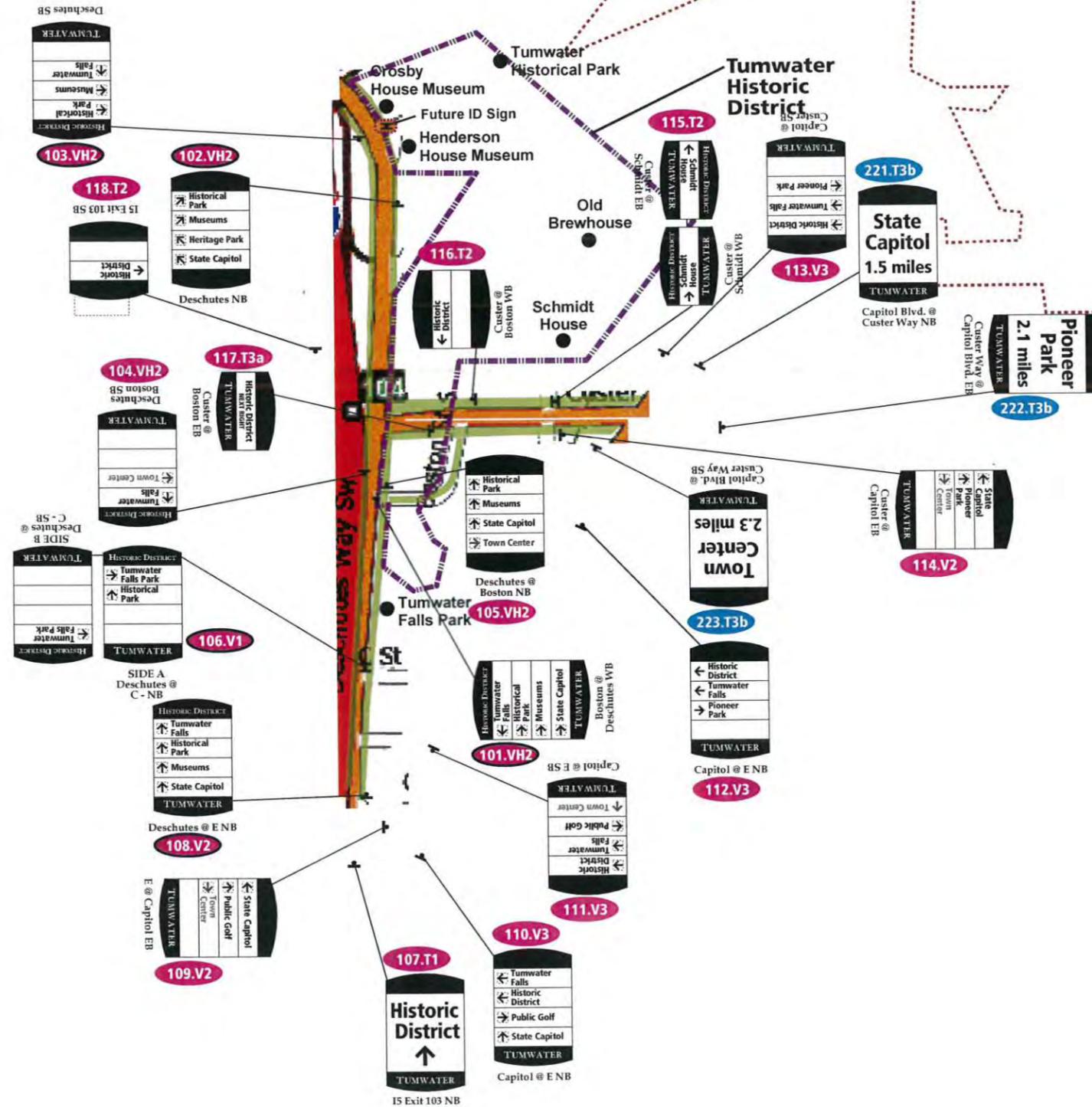


Typical Plan View

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

Tumwater - Historic District Detail

- Notes:
1. Sign Layouts are for schematic reference only.
 2. Historic Banners provided by others. (NIC)



Key

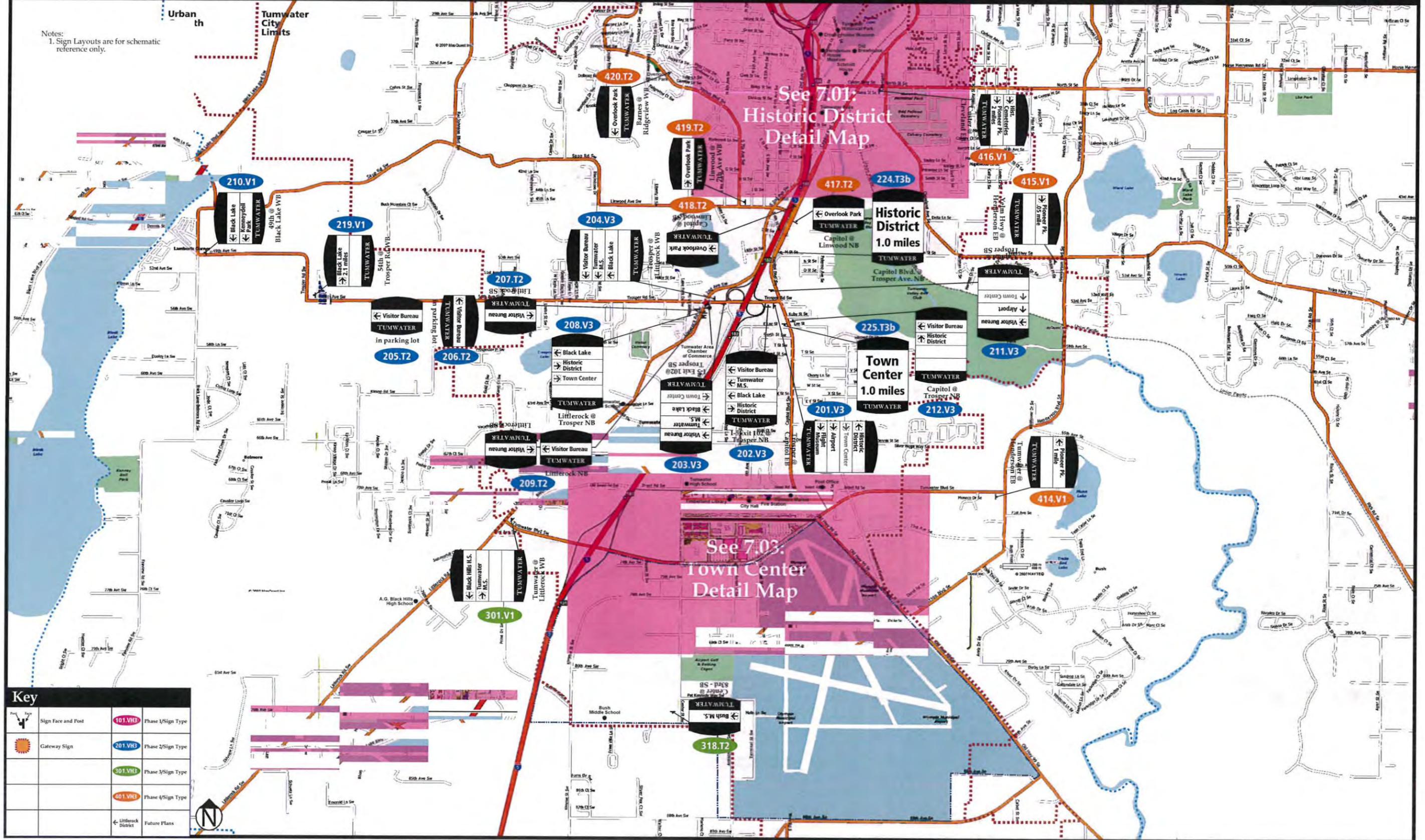
	Sign Face and Post	101.VH3	Phase 1/Sign Type
	Gateway Sign	201.VH3	Phase 2/Sign Type
	Banners (by others)	301.VH3	Phase 3/Sign Type
		401.VH3	Phase 4/Sign Type
	Litterbox District		Future Plans



Tumwater City Limits

Tumwater - Citywide

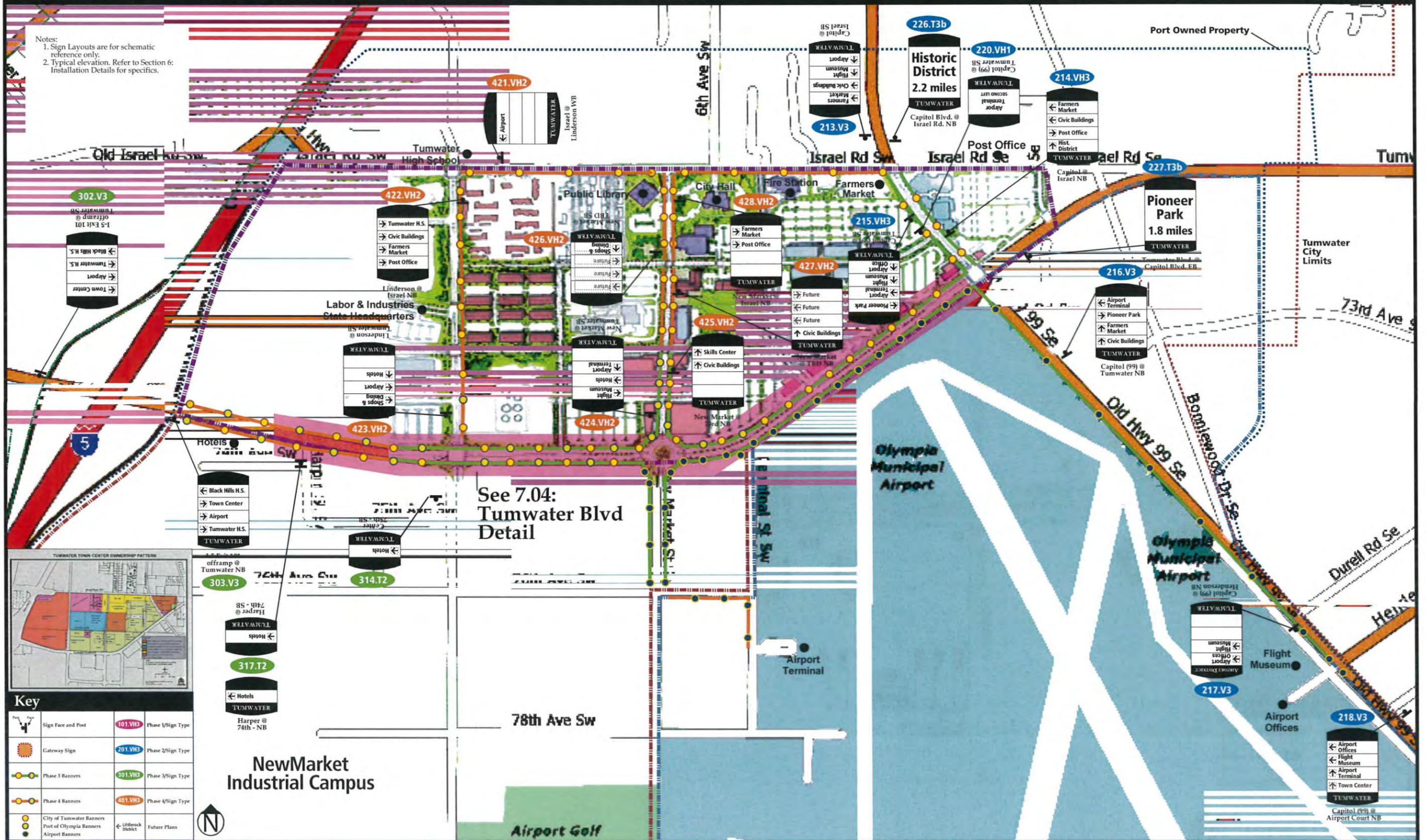
Notes:
1. Sign Layouts are for schematic reference only.



Key			
	Sign Face and Post	101.VH3	Phase 1/Sign Type
	Gateway Sign	201.VH3	Phase 2/Sign Type
		301.VH3	Phase 3/Sign Type
		401.VH3	Phase 4/Sign Type
			Future Plans

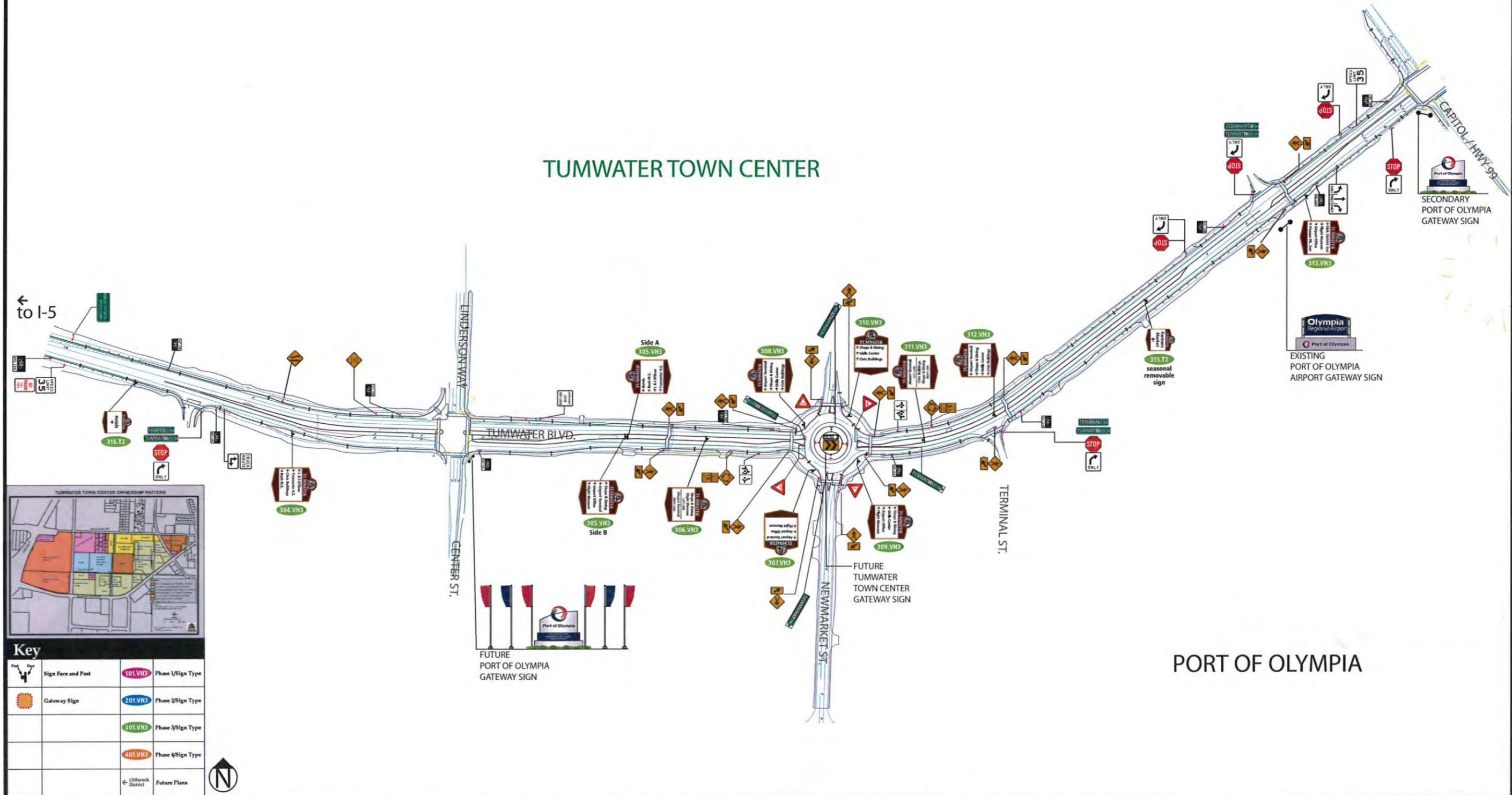
Tumwater - Town Center Detail

Notes:
 1. Sign Layouts are for schematic reference only.
 2. Typical elevation. Refer to Section 6: Installation Details for specifics.



Tumwater - Tumwater Blvd. Detail

- Notes:
1. Sign Layouts are for schematic reference only.
 2. Traffic Signs as planned 03/06. May not reflect As-built changes.

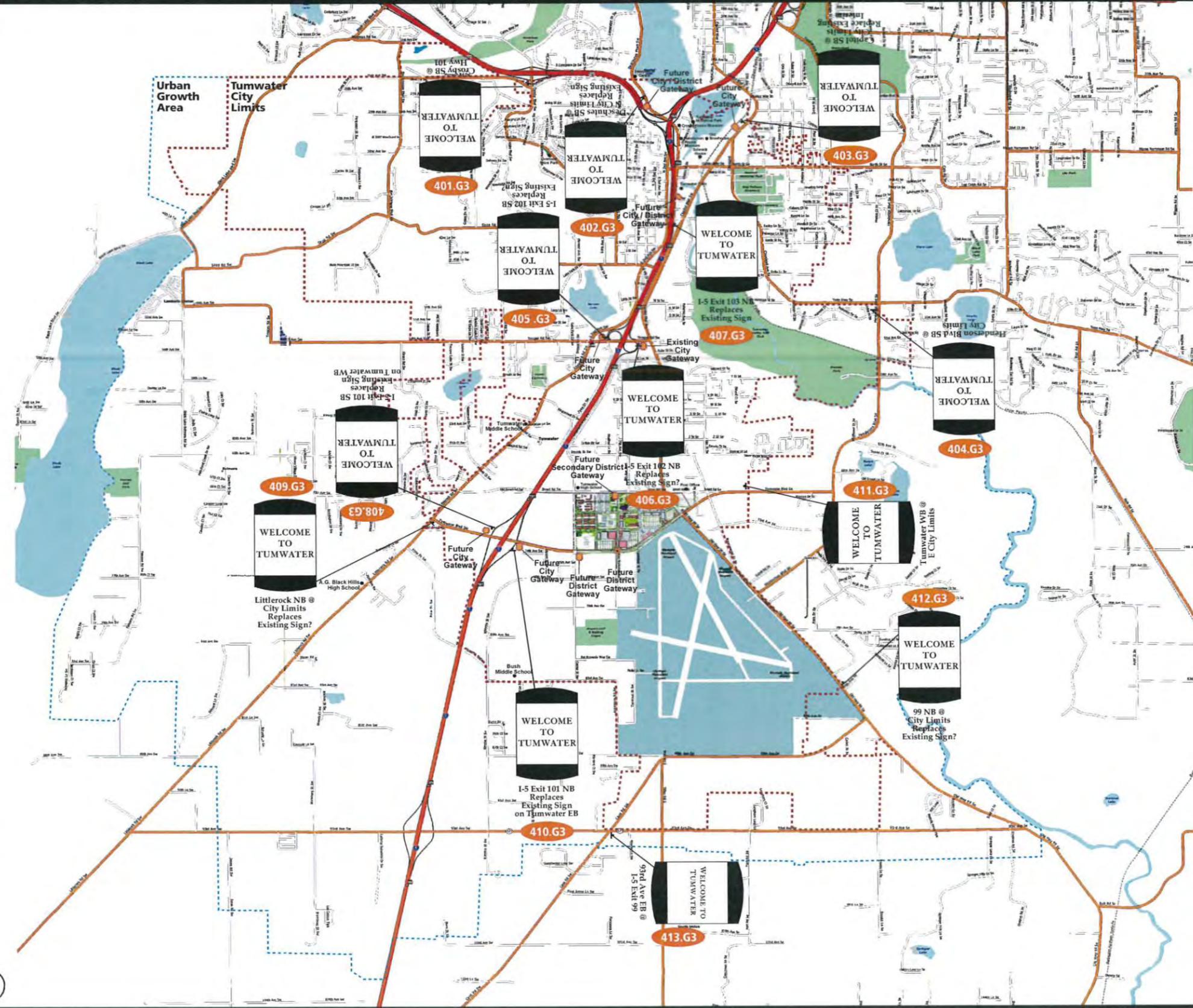


Key

	Sign Face and Post	101.VH3	Phase 1/Sign Type
	Gateway Sign	201.VH3	Phase 2/Sign Type
		301.VH3	Phase 3/Sign Type
		401.VH3	Phase 4/Sign Type
	Litterlock District		Future Plans

Tumwater - City Limits

Notes:
1. Sign Layouts are for schematic reference only.



Key			
	Sign Face and Post		Phase 1/Sign Type
	Gateway Sign		Phase 2/Sign Type
			Phase 3/Sign Type
			Phase 4/Sign Type
	Littlerock District		Future Plans