

# CITY OF MANHATTAN BEACH

## **SIGNAGE AND WAYFINDING MASTER PLAN**

MAY 2018

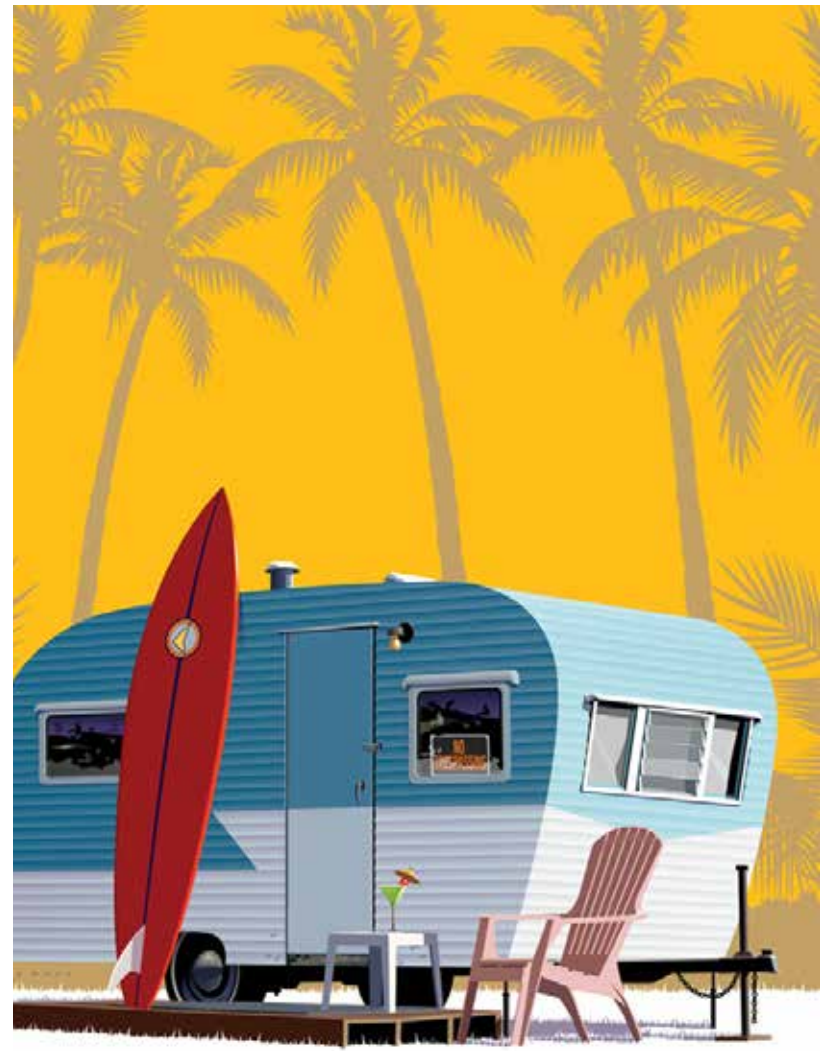
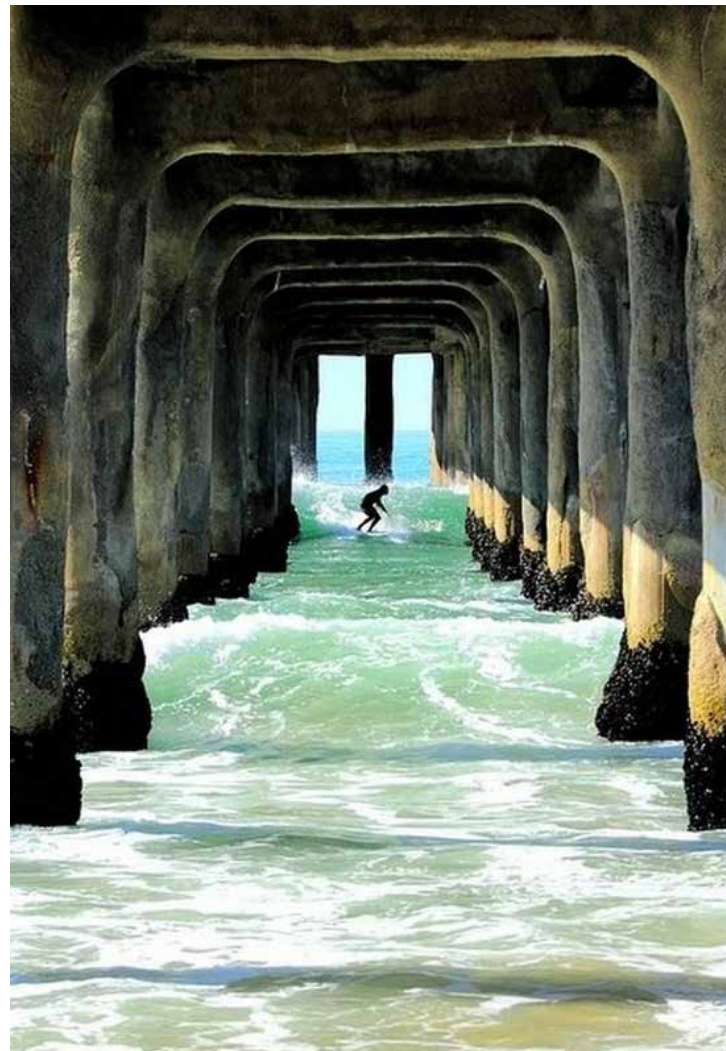


**selbert perkins design collaborative**

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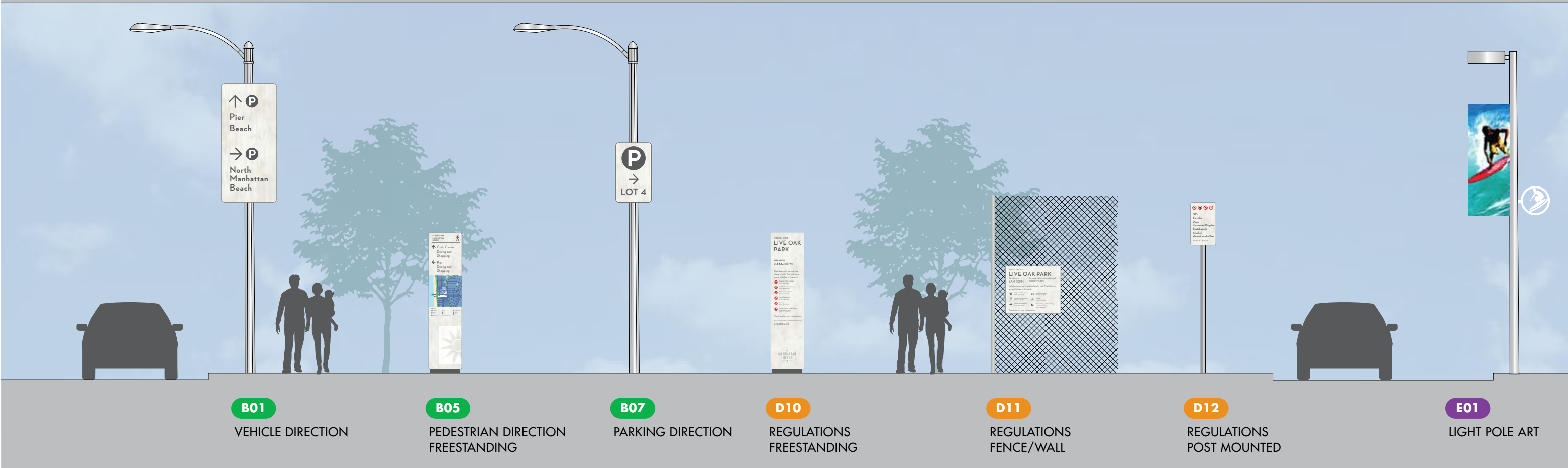
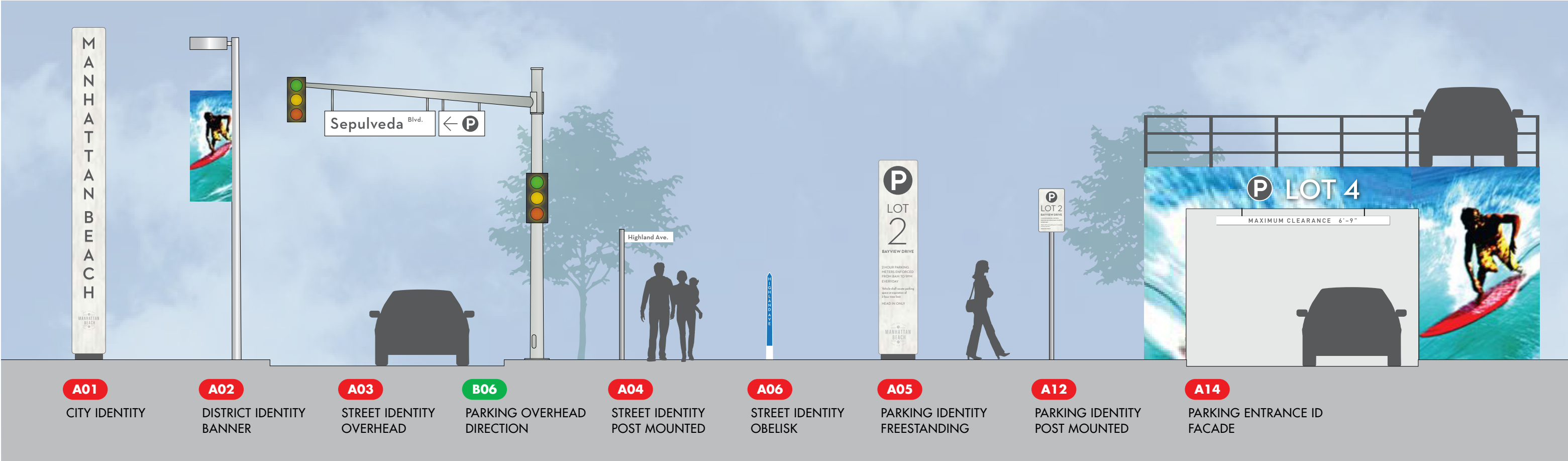






# SIGN TYPES







# SIGNAGE MASTER PLAN



# Manhattan Beach Wayfinding

03 May 2018

Sign Types by Phase	Sign Quantity (Estimated)	Price Per Unit	Installation	Extended Total
<b>Phase 1 - Parking</b>				
B01 - VEHICLE DIRECTION	25	\$868.48	\$489.05	\$33,938.25
B05 - PEDESTRIAN DIRECTION FREESTANDING	10	\$2,974.38	\$3,733.65	\$67,080.30
B06 - PARKING OVERHEAD DIRECTION	10	\$676.10	\$489.05	\$11,651.50
B07 - PARKING DIRECTION PANEL	10	\$400.39	\$489.05	\$8,894.40
A14 - PARKING ENTRANCE ID FAÇADE	12	\$2,785.28	\$4,890.47	\$92,109.00
A05 - PARKING ID FREESTANDING	15	\$3,967.90	\$3,733.65	\$115,523.25
A12 - PARKING ID POST MOUNTED	10	\$703.88	\$1,094.76	\$17,986.40
				<b>\$347,183.10</b>
<b>Phase 2 - Identity</b>				
A01 - CITY IDENTITY	10	12,113.63	5,200.79	173,144.20
A03 - STREET ID OVERHEAD	25	\$1,089.70	\$489.05	\$39,468.75
A04 - STREET ID POST MOUNT	50	\$1,092.96	\$1,094.76	\$109,386.00
A02 - DISTRICT IDENTITY BANNERS (optional)	40	\$523.86	\$489.05	\$40,516.40
				<b>\$362,515.35</b>
<b>Phase 3 - Regulation</b>				
D10 - REGULATIONS FREESTANDING	10	\$3,288.75	\$3,733.65	\$70,224.00
D11 - REGULATIONS WALL MOUNTED	10	\$405.55	\$489.05	\$8,946.00
D12 - REGULATIONS POST MOUNTED	20	\$695.91	\$1,094.76	\$35,813.40
				<b>\$114,983.40</b>
<b>Phase 4 - Amenities</b>				
E01 - LIGHT POLE ART	20	\$362.87	\$489.05	\$17,038.40
A06 - STREET ID OBELISK	20	\$603.97	\$1,094.76	\$33,974.60
				<b>\$51,013.00</b>
			<b>TOTAL</b>	<b>\$875,694.85</b>
<b>GENERAL CONDITIONS</b>				\$47,830.72
<b>PERMIT FEES</b>				\$2,500.00
<b>PERMIT OBTAINMENT &amp; INSPECTION</b>				\$1,750.00
<b>INSPECTION FEES</b>				TBD
			<b>GRAND TOTAL</b>	<b>\$927,775.57</b>

\* NOTE: Pricing is for reference only.





PHASE 1 SIGN LOCATIONS

**A14** PARKING ENTRANCE ID

**A05** PARKING IDENTITY

**B01** VEHICLE DIRECTION

**B05** PEDESTRIAN DIRECTION

**A12** PARKING IDENTITY

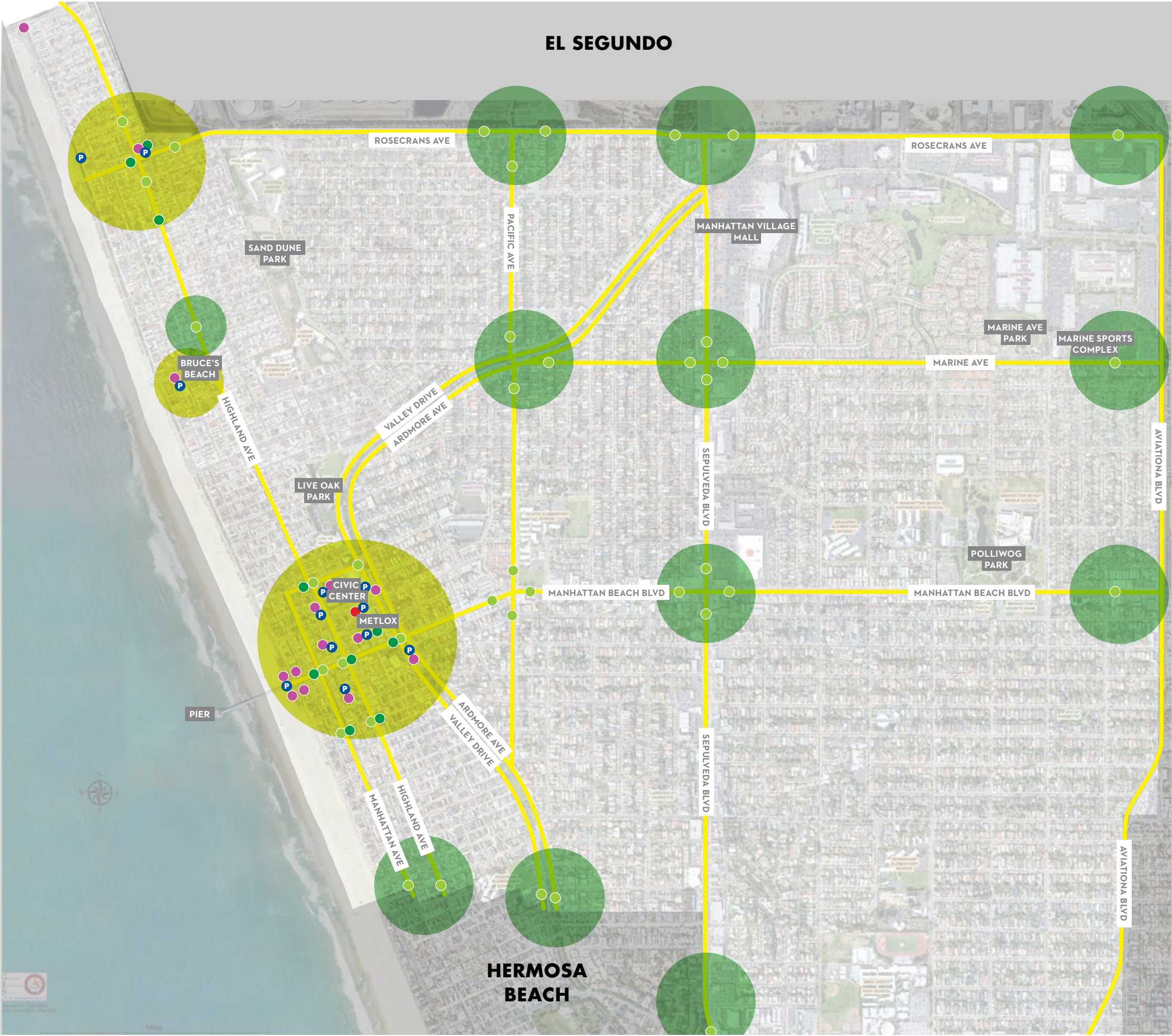
**B05** PARKING OVERHEAD DIRECTION

**B07** PARKING DIRECTION

MAJOR INTERSECTIONS/ENTRY SIGNAGE (B01)


PARKING DIRECTION/IDENTITY ZONES (A12, B05, B07)

MAJOR STREETS

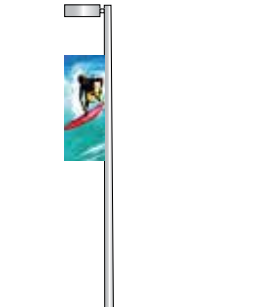




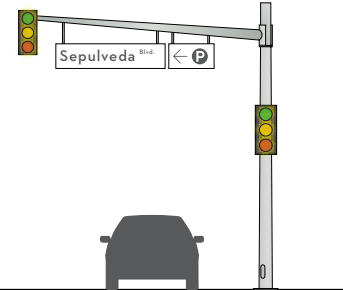
PHASE 2 SIGN LOCATIONS



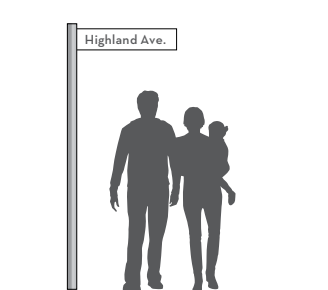
**A01** CITY IDENTITY



**A02** DISTRICT IDENTITY  
BANNER CORRIDORS

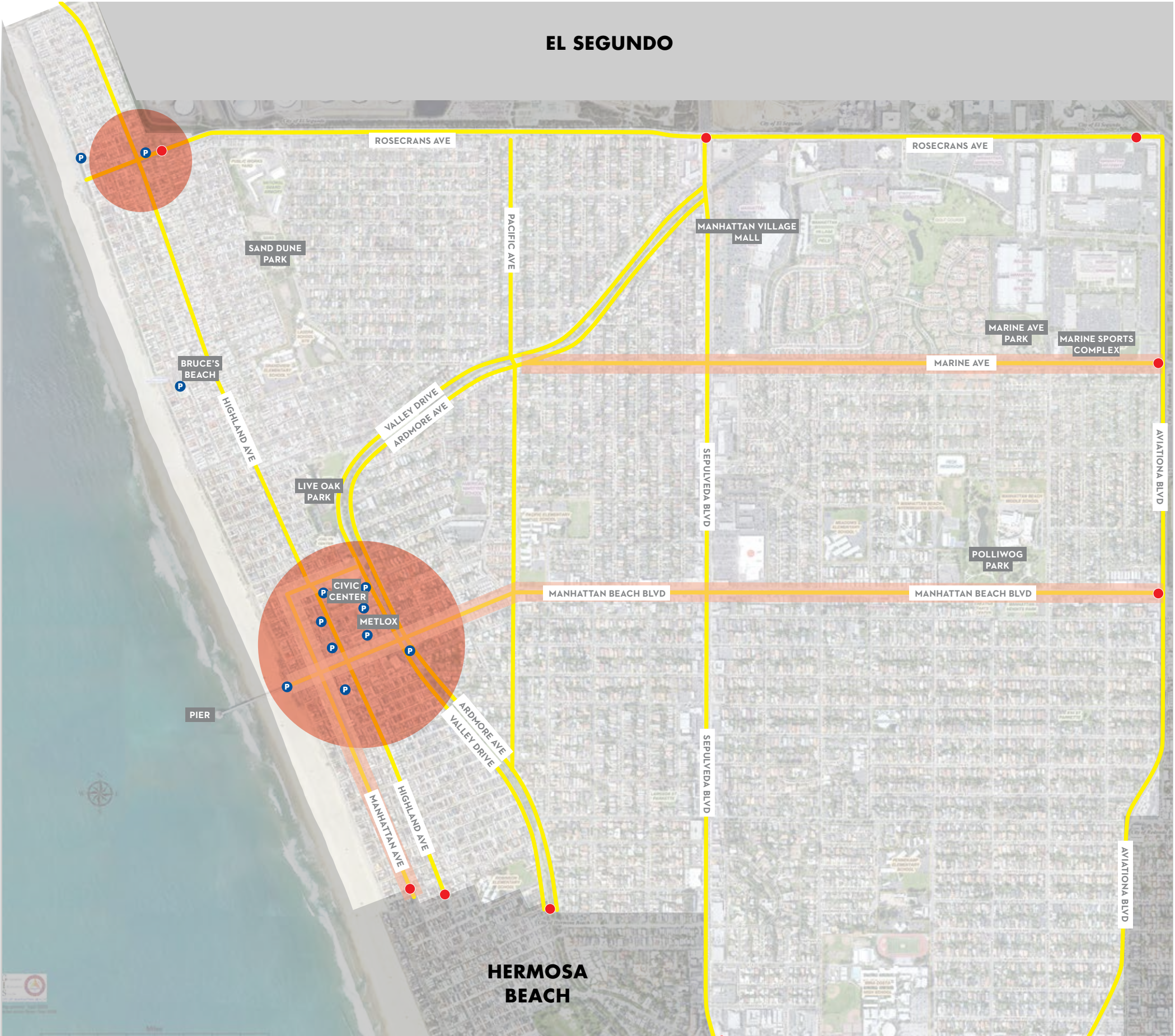


**A03** STREET IDENTITY  
OVERHEAD



**A04** STREET IDENTITY  
POST MOUNTED

-  BANNER ZONES (A02)
-  STREET IDENTITY ZONES (A03 & A04)
-  MAJOR STREETS

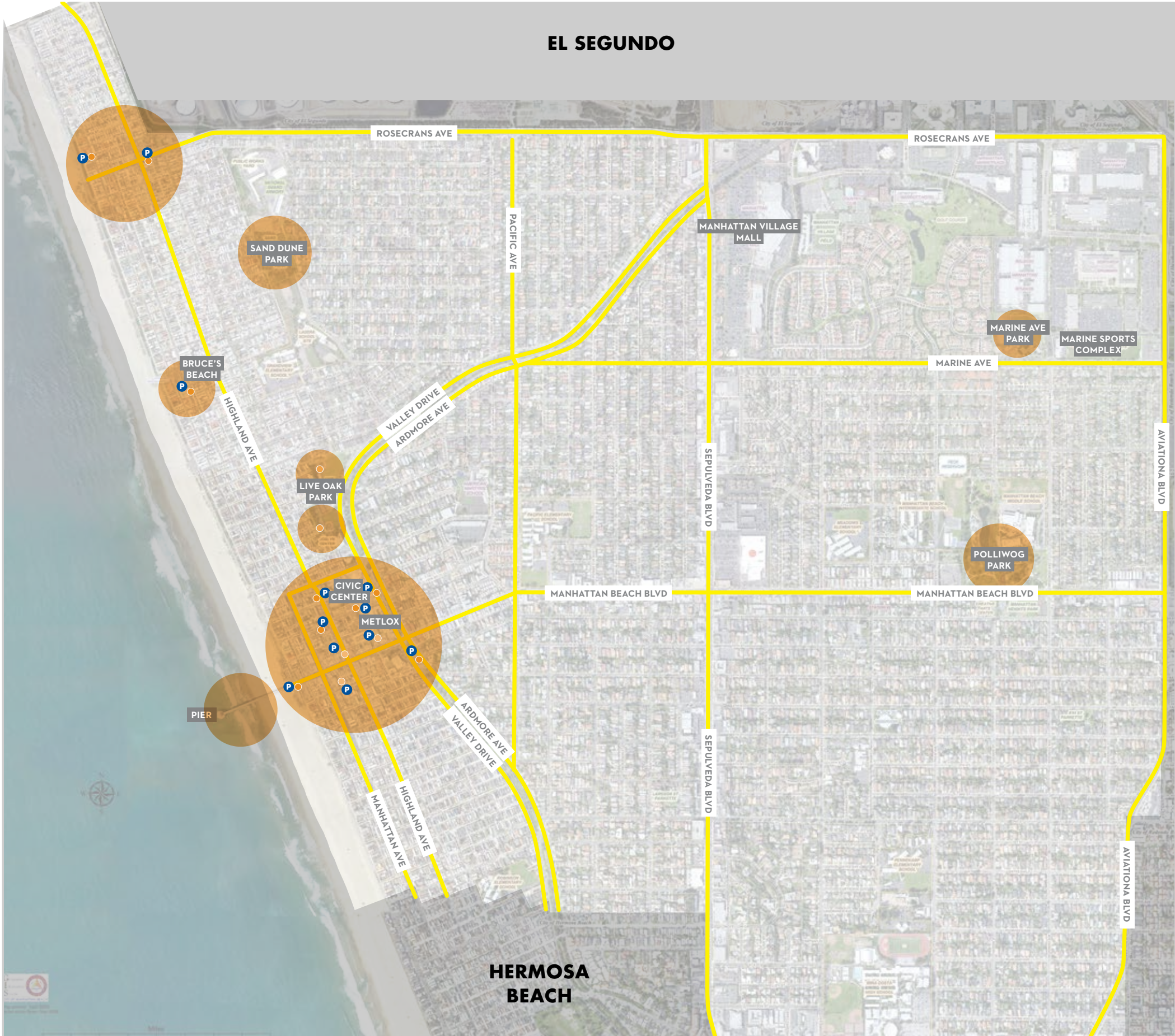




# PHASE 3 SIGN LOCATIONS



- REGULATION SIGN ZONES (D10, D11, D12)
- MAJOR STREETS



CITY OF  
MANHATTAN BEACH



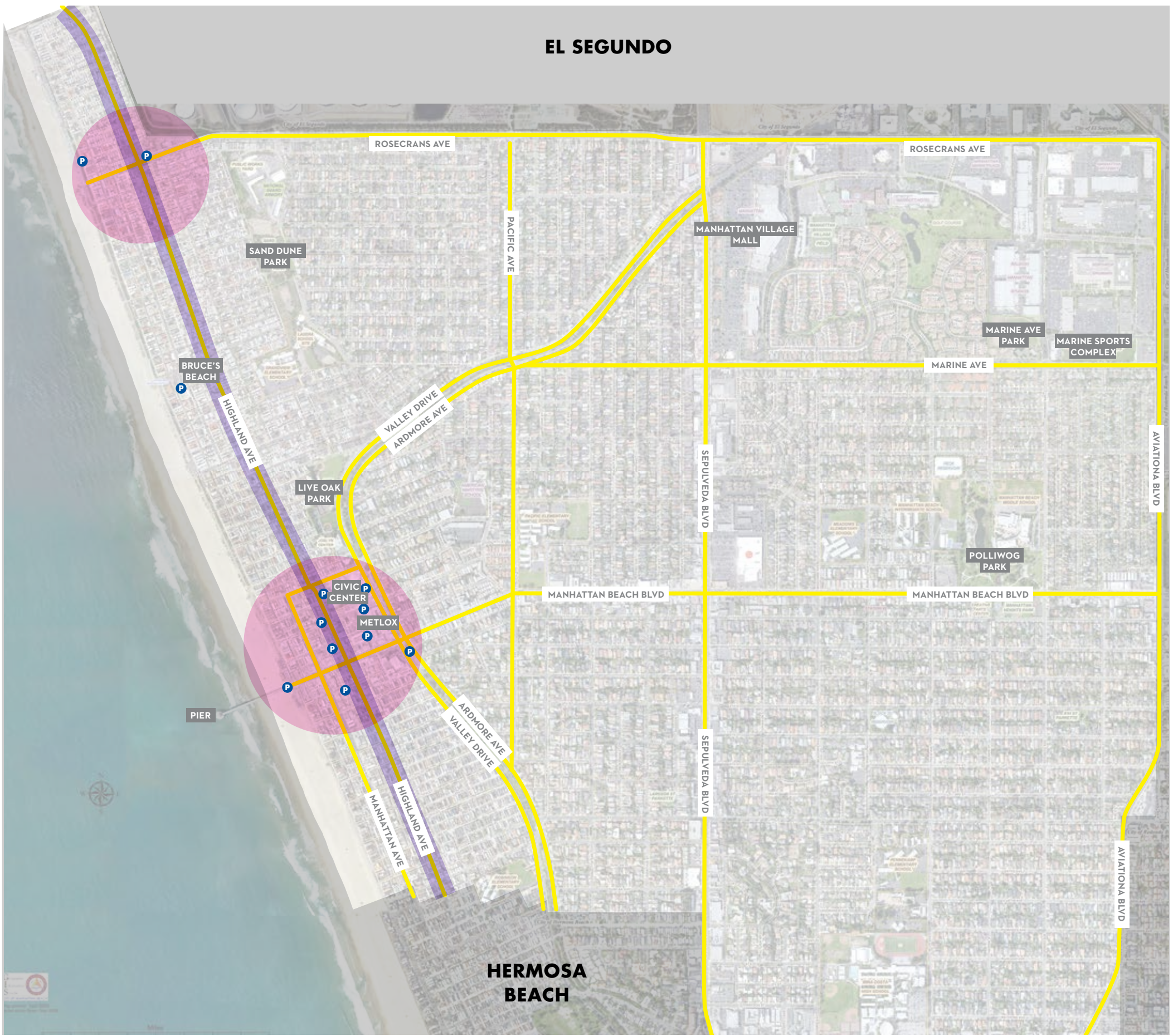
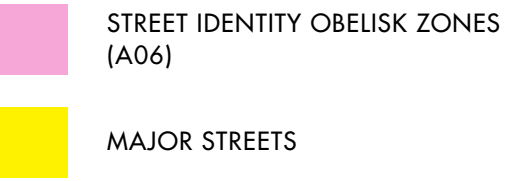
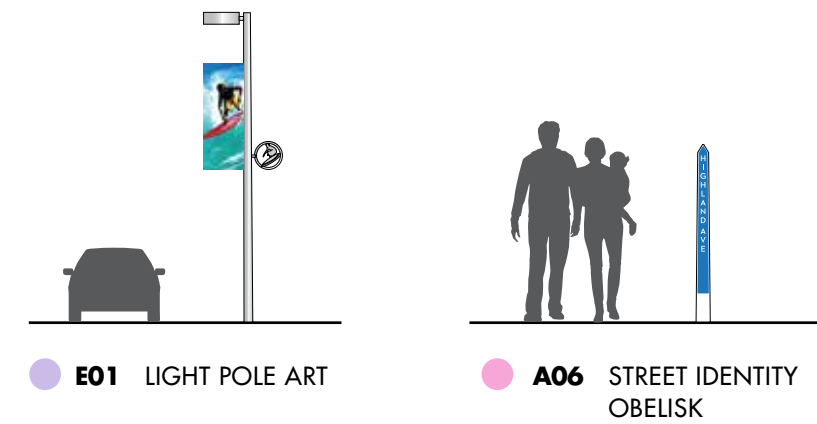
PROJECT  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

DATE  
MAY 2018

DESCRIPTION  
PHASE 3 SIGN LOCATIONS

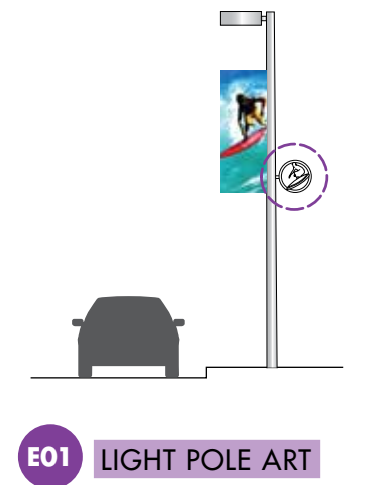
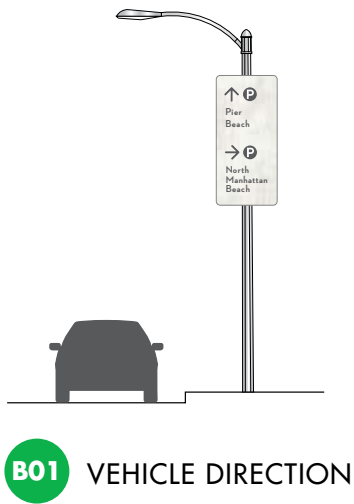


# PHASE 4 SIGN LOCATIONS





DOWNTOWN SIGN LOCATIONS





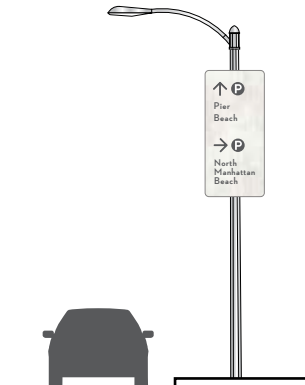
NORTH MANHATTAN BEACH SIGN LOCATIONS



A01 CITY IDENTITY



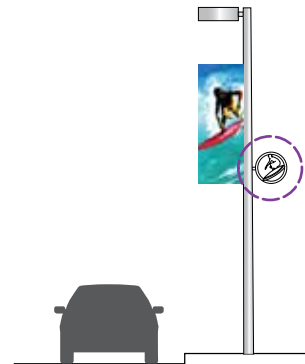
A05 PARKING IDENTITY



B01 VEHICLE DIRECTION



B05 PEDESTRIAN DIRECTION



E01 LIGHT POLE ART



CITY OF  
MANHATTAN BEACH



PROJECT  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

DATE  
MAY 2018

DESCRIPTION

NORTH MANHATTAN BEACH SIGN LOCATIONS DETAIL



# SIGNAGE DRAWINGS



COLORS AND MATERIALS



**P1**  
DARK GRAY  
Exterior grade satin acrylic  
polyurethane paint



**P2**  
WHITE  
Exterior grade satin acrylic  
polyurethane paint



**M1**  
CUSTOM WOOD PRINT  
Highly durable embedded graphic onto  
powder coated surface.

FONT

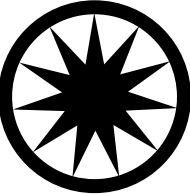
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
0123456789

NEUTRAFACE 2 DISPLAY – MEDIUM

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
0123456789

NEUTRAFACE 2 DISPLAY – BOLD

SYMBOLS



SUN



SEA GULLS



BEACH UMBRELLA



PALM TREE



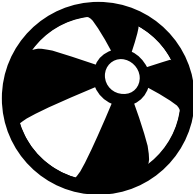
FLIP FLOPS



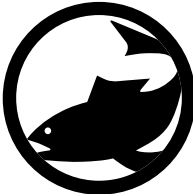
FEMALE SURFER



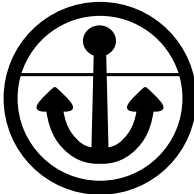
MALE SURFER



BEACH BALL



FISH



ANCHOR



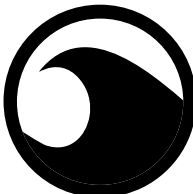
VOLLEYBALL



PIER



WAVES 1



WAVES 2



SAIL BOAT



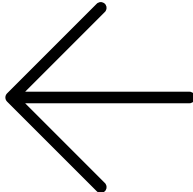
PARKING



CITY LOGO

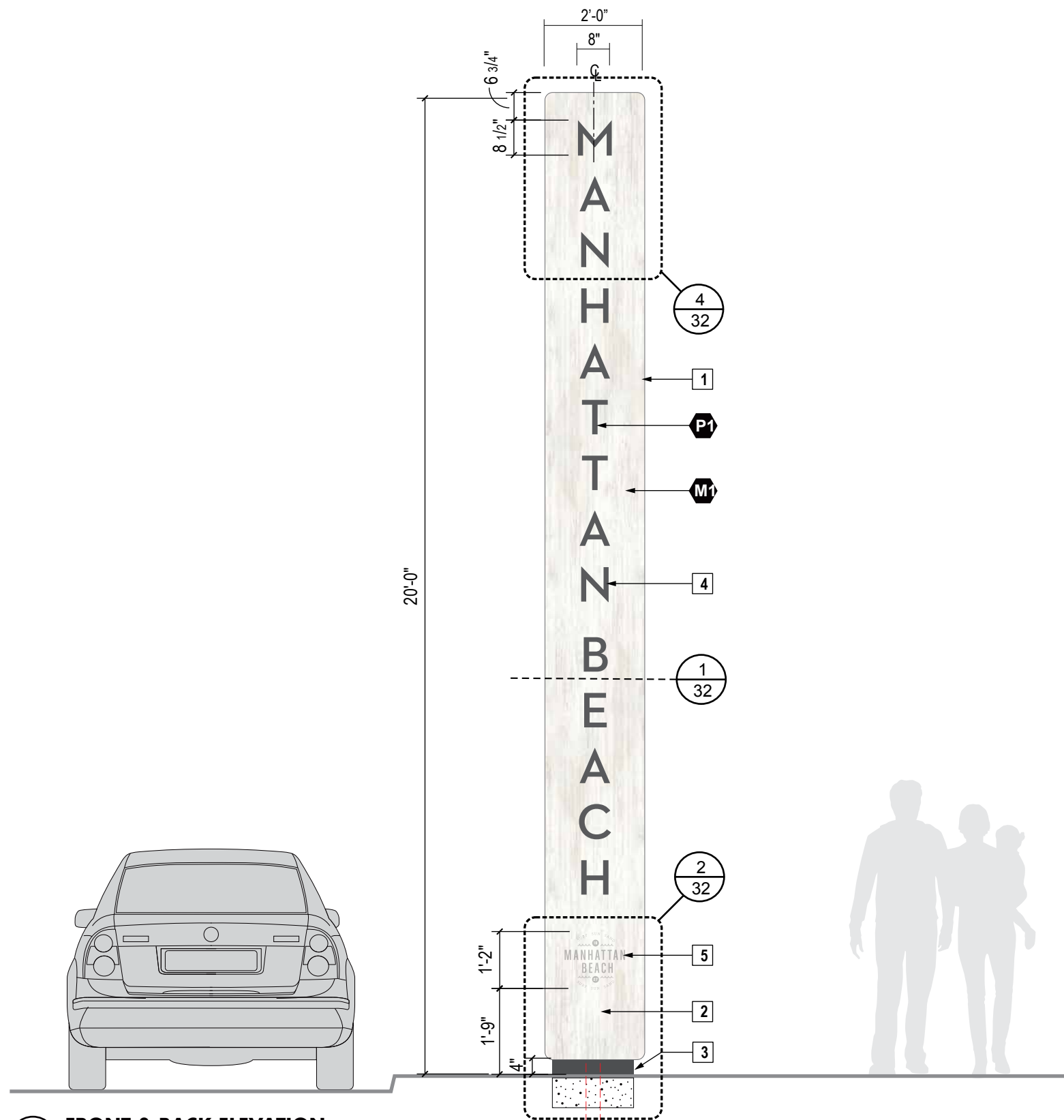


PEDESTRIAN

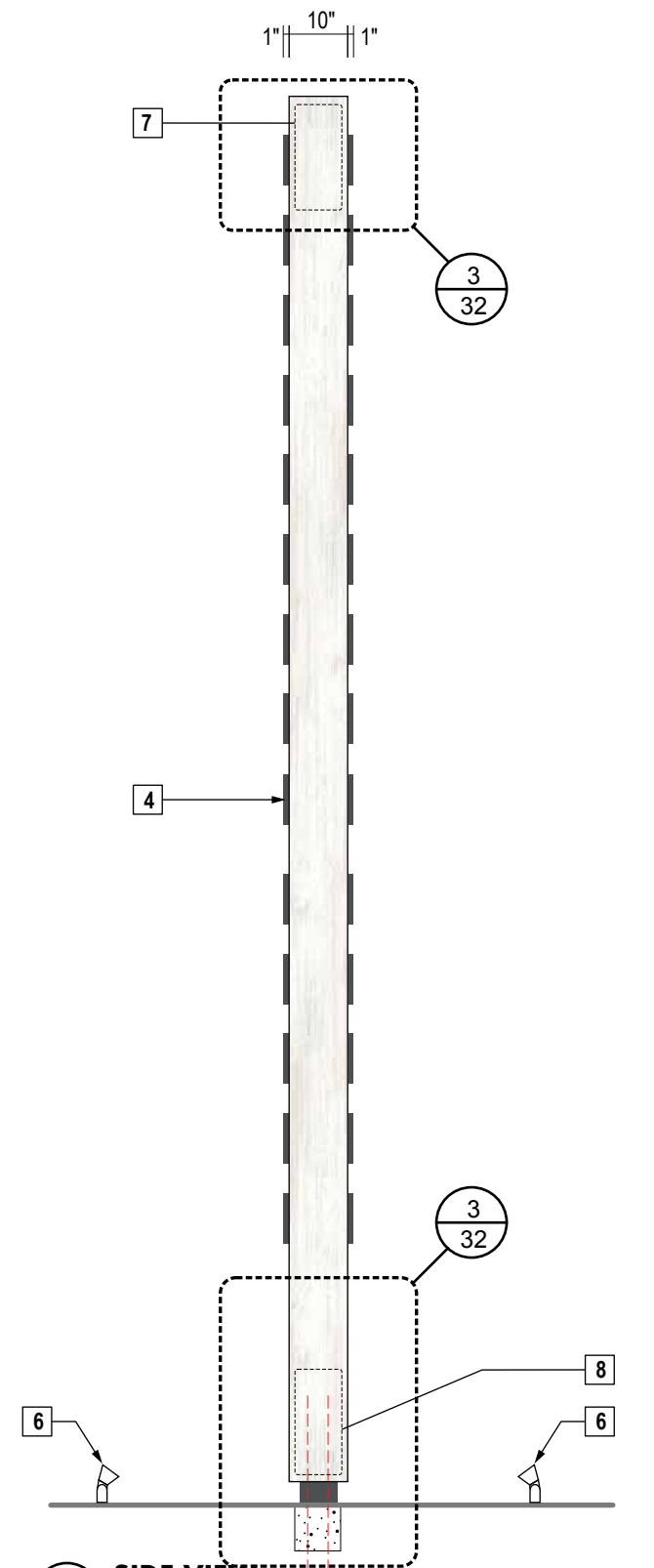


ARROW





**1 FRONT & BACK ELEVATION**  
scale: 3/8" = 1' -0"



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

## NOTES

- SIGN CABINET:** New fabricated aluminum sign cabinet with custom wood print to be highly durable embedded graphic onto powder coated surface. High pressure laminate is not an acceptable substitute.
- STRUCTURE:** The sign support structure, including the interface with the footing/foundation, shall be designed by the fabricator's structural engineer. For vertical pylons of certain height, main support is schedule 40 steel pipe embedded into concrete foundation.  
Coordinate with City for final location and foundation.
- BASE:** Concrete (raised) pad at the base with primed and painted finish; provide sub-grade concrete foundation designed by the fabricator's structural engineer.
- FABRICATED LETTERS / FLUSH MOUNT:** 1/8" thick aluminum fabricated letter; internal supports as req'd for structural integrity; primed and painted finish; stud-mount to cabinet with minimal stand-off with acrylic washer.
- LOGO:** Logo is part of custom wood print.
- EXTERNAL ILLUMINATION:** Fabricator to include and install wash-type up-lighting on sign face by in-ground LED array; optimum position to be determined through mock-up review process. Hydrel Paradox PDX4 LED up-lighting or approved equal.
- ACCESS PANEL:** Provide (2) two 8" x 20" min. access panel w/ tamper proof SS countersink fasteners. One at sign base & one at sign top along the same side face. Panel to be fabricated from aluminum panel with identical embedded custom wood print.

## GENERAL NOTES

**MESSAGES, MEASUREMENTS & LOCATIONS:** Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.

See Appendix page 32 for additional sign details.



CITY OF  
MANHATTAN BEACH



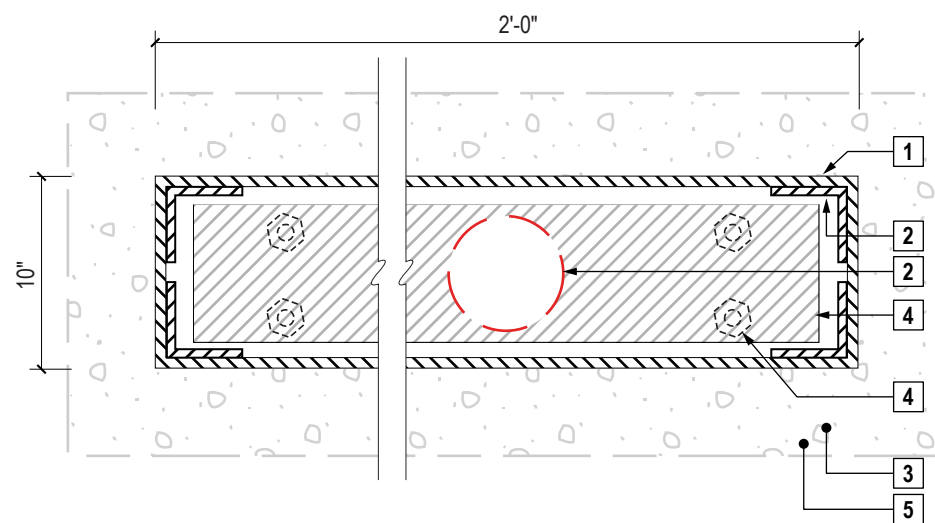
**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

**DATE**  
MAY 2018

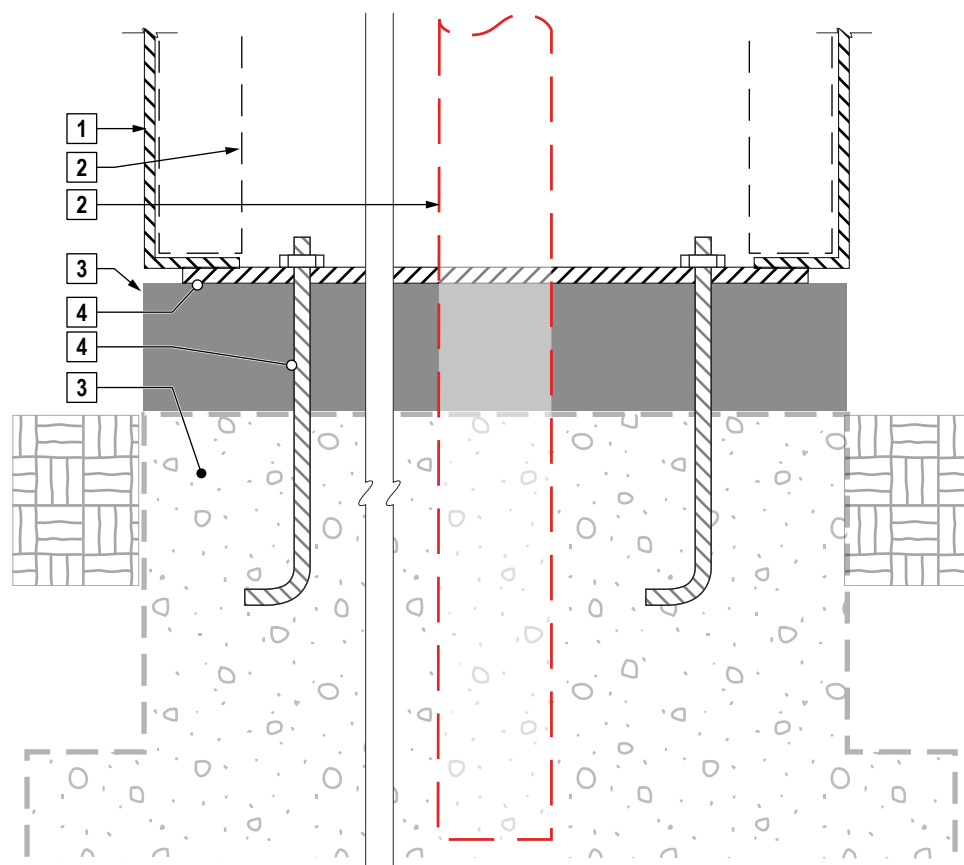
**DESCRIPTION**

A01 CITY IDENTITY

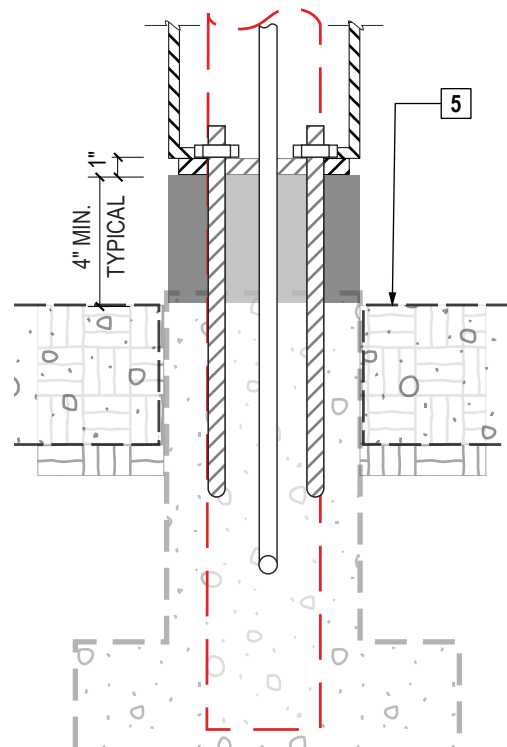




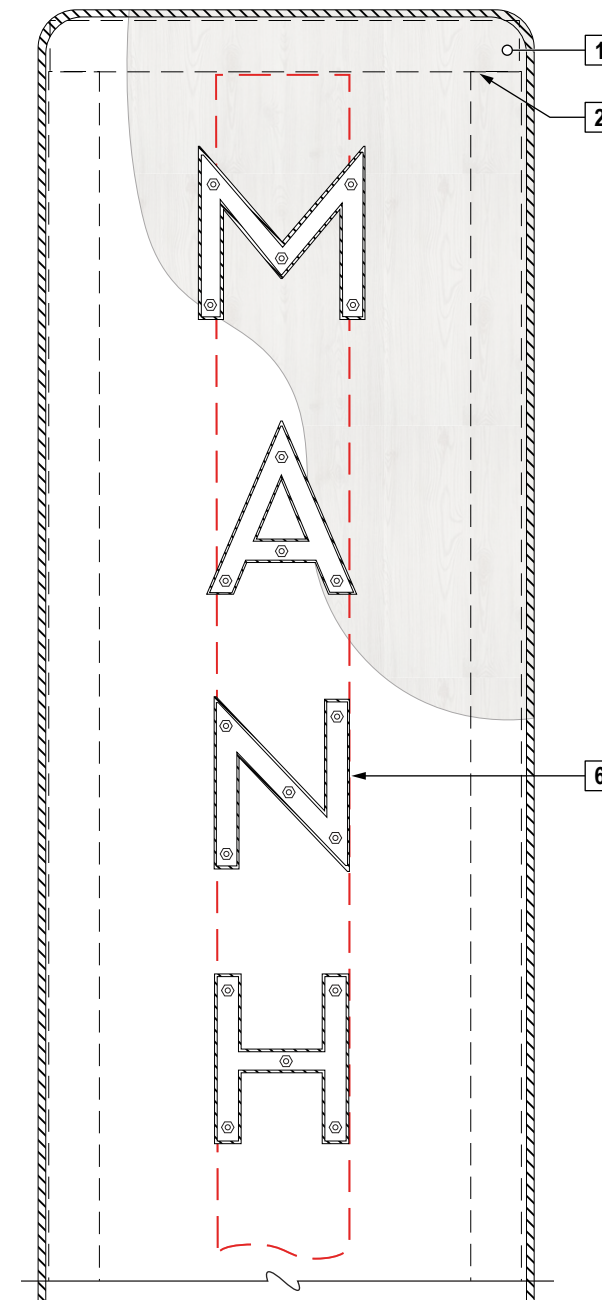
**4 TYPICAL PLAN VIEW DETAIL - VERTICAL SIGNS**  
scale: 1" = 1'-0"



**1 TYPICAL FRONT ELEVATION DETAIL - VERTICAL SIGNS**  
scale: NTS



**2 SIDE ELEVATION DETAIL**  
scale: NTS



**3 LETTER DETAIL**  
scale: NTS

## NOTES

- SIGN CABINET:** New fabricated aluminum sign cabinet with custom wood print to be highly durable embedded graphic onto powder coated surface. High pressure laminate is not an acceptable substitute.
- STRUCTURE:** The sign support structure, including the interface with the footing/foundation, shall be designed by the fabricator's structural engineer. For vertical pylons of certain height, main support is schedule 40 steel pipe embedded into concrete foundation.  
Coordinate with City for final location and foundation.
- BASE:** Concrete (raised) pad at the base with primed and painted finish; provide sub-grade concrete foundation designed by the fabricator's structural engineer.
- ANCHOR PLATE & FASTENERS:** connect sign frame / steel anchor plate to pre-set S/S or hot-dipped Galvanized structural anchor bolts with matching nuts. All fasteners to be S/S or hot-dipped galvanized.
- EXPOSED CONCRETE OR SIDEWALK:** Certain conditions may include exposed concrete or sidewalk surrounding sign pad / base (verify).
- FABRICATED LETTERS / FLUSH MOUNT:** 1/8" thick aluminum fabricated letter; internal supports as req'd for structural integrity; primed and painted finish; stud-mount to cabinet with minimal stand-off with acrylic washer.

## GENERAL NOTES

See Appendix page 32 for additional sign details.





**1 FRONT ELEVATION – TYPICAL**  
scale: 1/4" = 1' -0"

NOTE: Banner layouts for stylistic reference only, not for production.



IMAGE TYPE 1: ILLUSTRATION

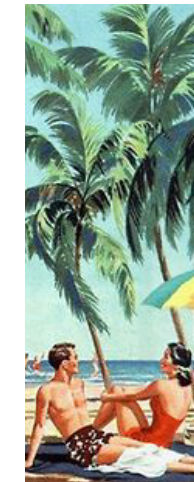
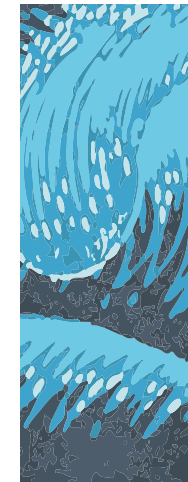
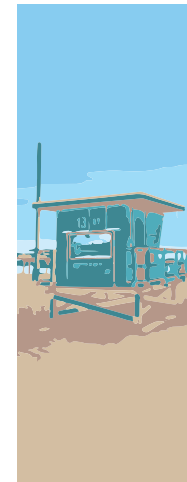


IMAGE TYPE 2: DISTRICT OR CITY ICONS AND AMENITIES

## 2 ALTERNATE BANNER STYLES

scale: NTS

### NOTES

1. BANNER: Fabricated vinyl banners with direct print full color images by others; removable, changeable.
2. STRUCTURE: Support structure of engineered aluminum frame as required for minimum wind force of 100 m.p.h.; armature as required to secure to existing light poles.

Coordinate with City for final location and hardware; some existing hardware may be re-used pending feasibility review.

### GENERAL NOTES

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.

BANNER GUIDELINES: Banner designs should showcase what the City has to offer and should not remain in place for longer than 3 months. Examples of potential content:

- City events
- Concert series
- Neighborhood/District Identity
- Seasonal themes

See Appendix page 33 for additional sign details.



CITY OF  
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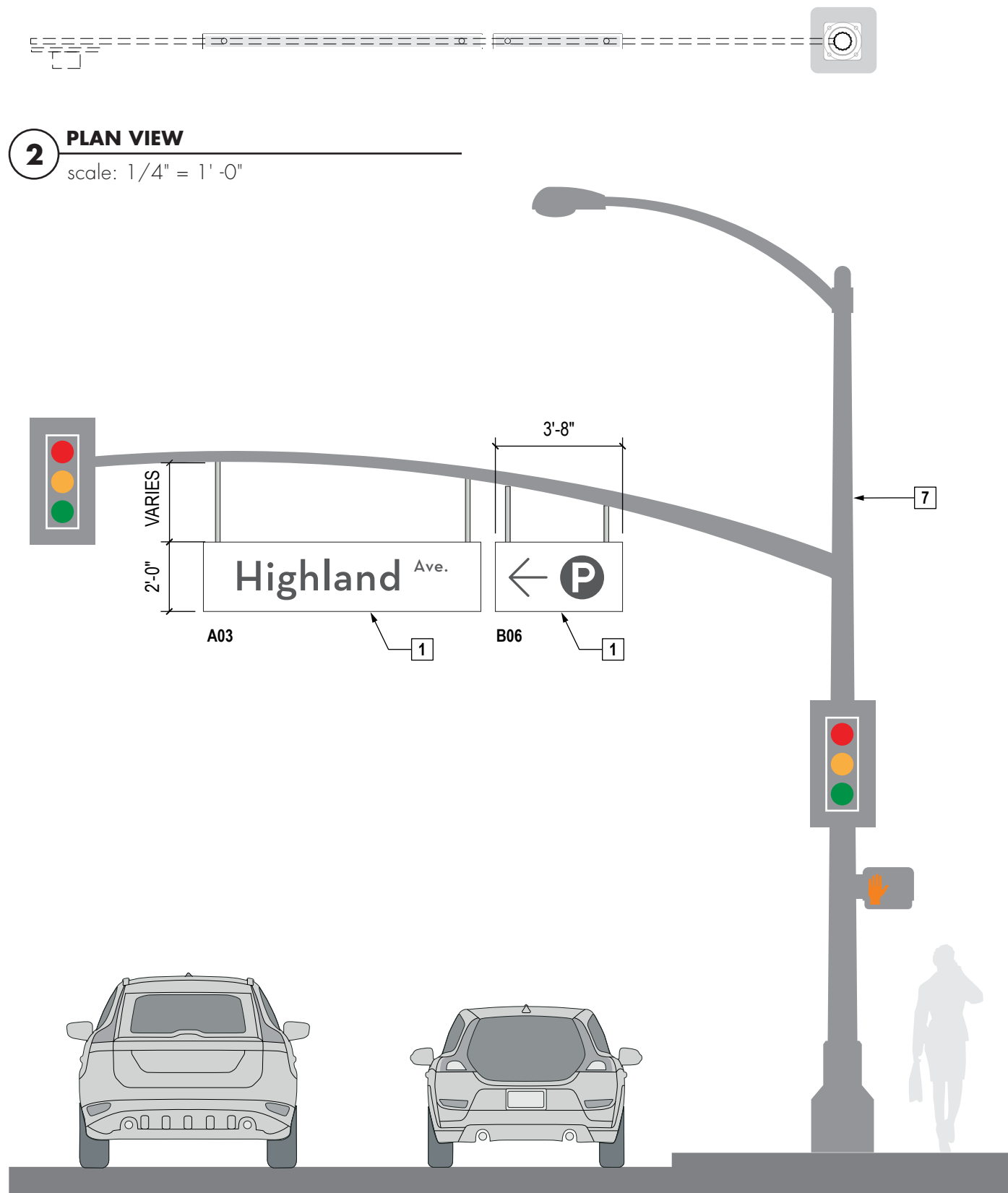


PROJECT  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

DATE  
MAY 2018

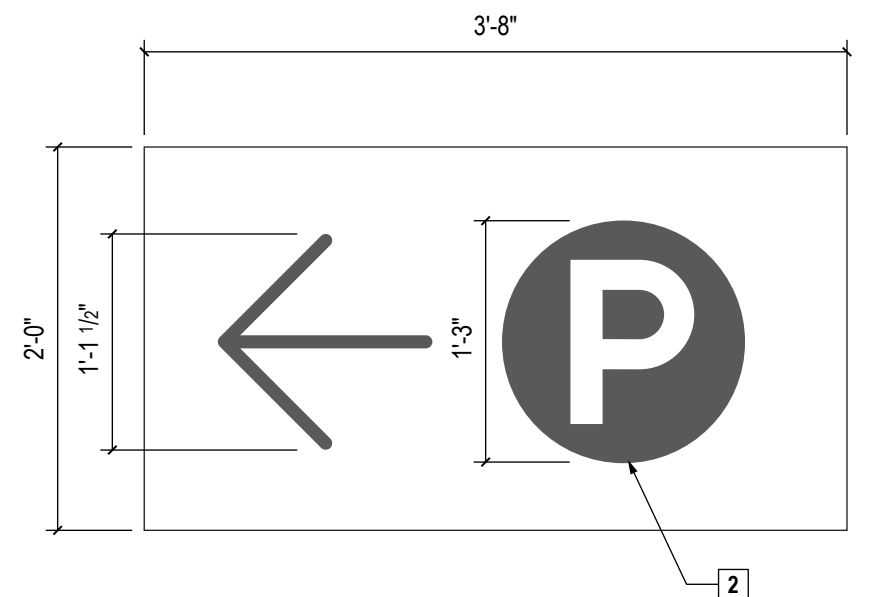
DESCRIPTION

A02 DISTRICT IDENTITY BANNER

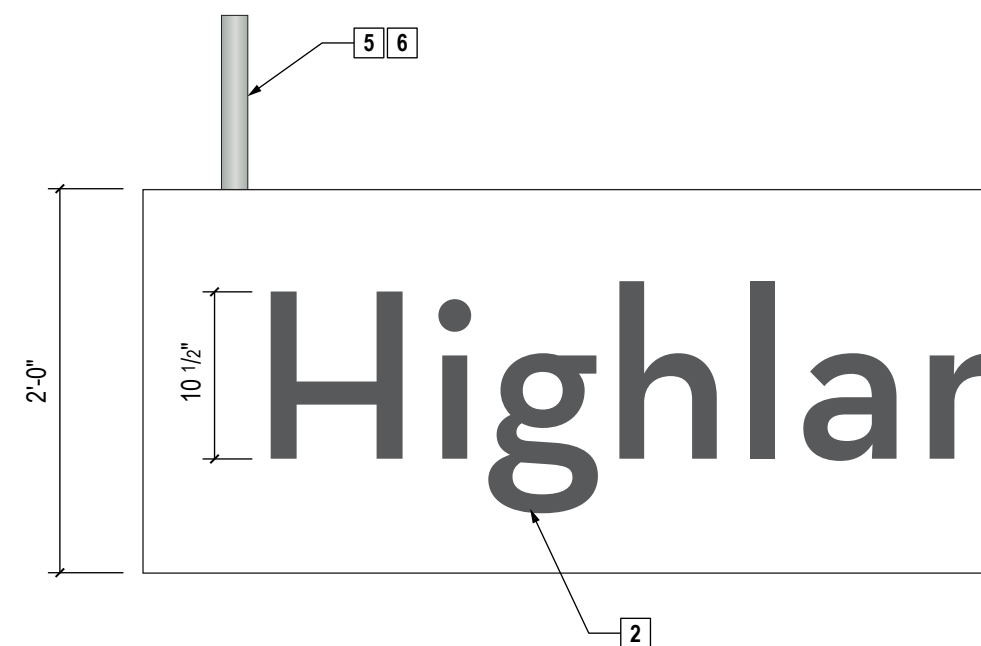


**1 CONTEXT ELEVATION**  
Scale: 1/4" = 1'-0"

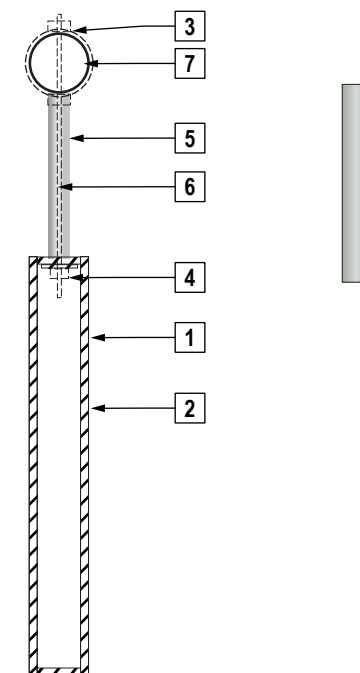
**2 PLAN VIEW**  
scale: 1/4" = 1'-0"



**4 FRONT ELEVATION**  
scale: 1" = 1'-0"



**3 FRONT ELEVATION**  
scale: 1" = 1'-0"



**5 TYPICAL SIDE SECTION**  
scale: 1" = 1'-0"

**NOTES**

1. SIGN PANEL: Fabricated 1/8" thick aluminum box; closed all sides; primed and painted; ease all exposed edges.
2. GRAPHICS: Surface applied electrocut reflective graphics or print with 3M outdoor digital inks.
3. BRACKETS: Provide fabricated aluminum adjustable bracket or attachment. Secure sign support bracket to existing lamp post per structural engineering.
4. BOLTS: Secure with mechanical fasteners.
5. TUBE: Stainless steel tube cover.
6. SUPPORT: Provide s.s. cable attachment or approved equal.
7. LIGHT POST: Existing city light post by others.

**GENERAL NOTES**

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.  
See Appendix page 33 for additional sign details.



CITY OF  
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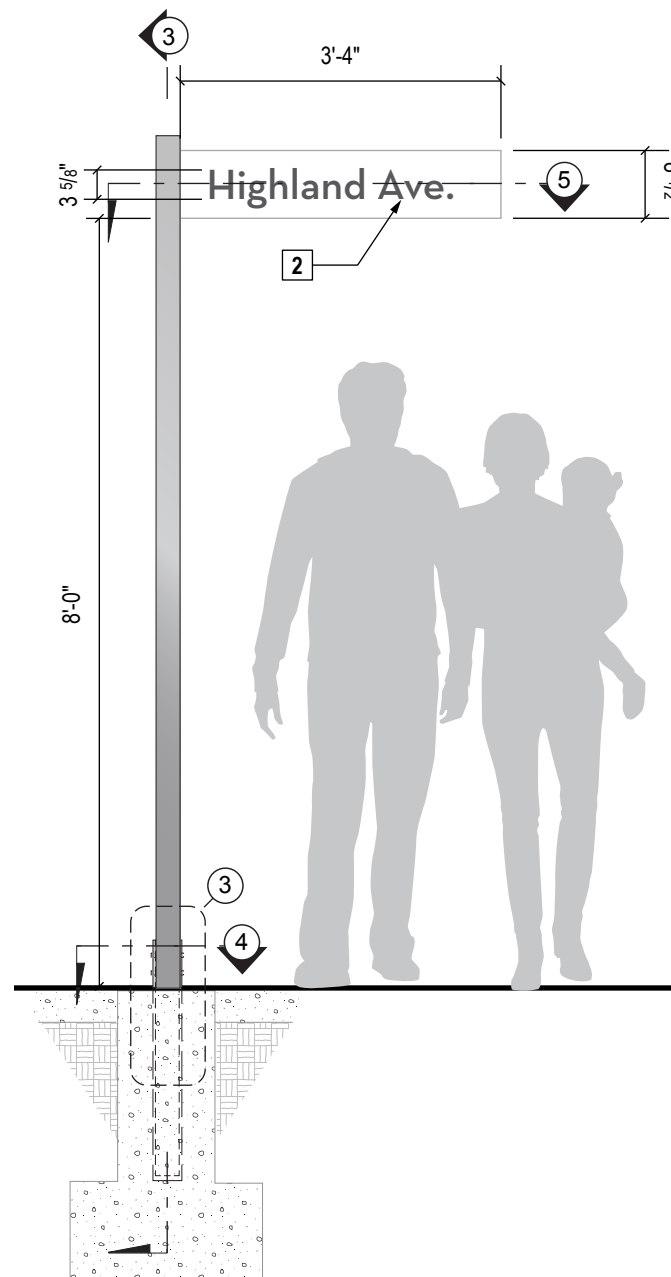


**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

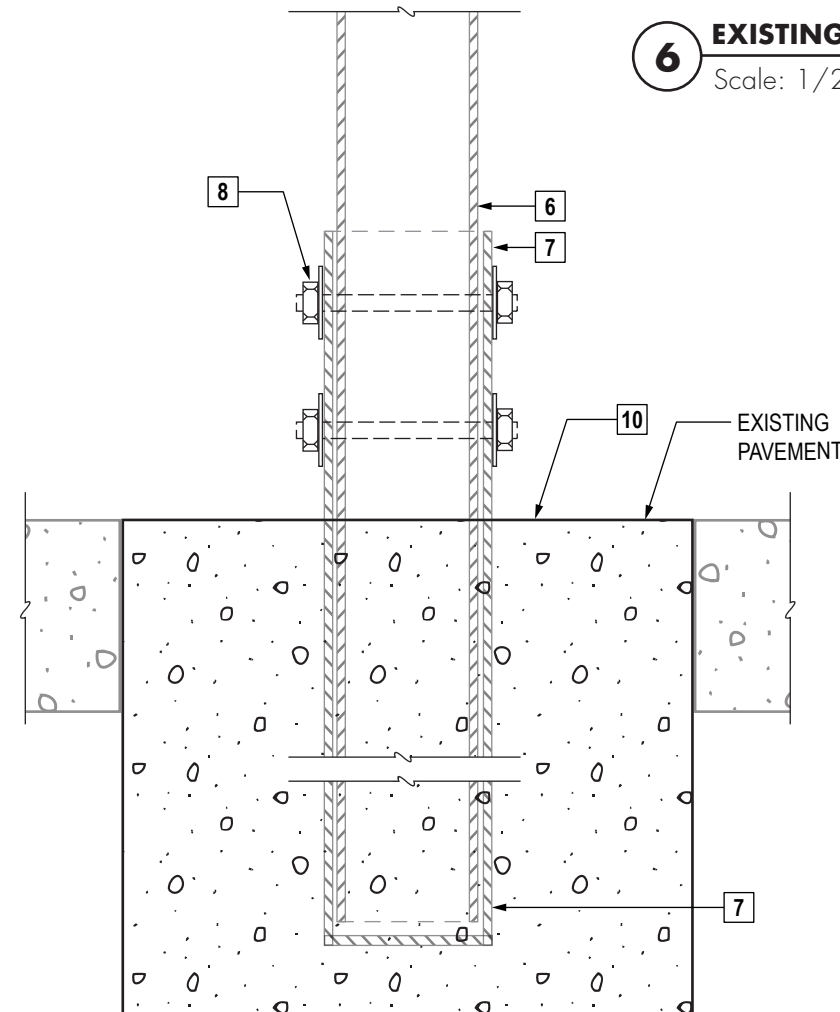
**DATE**  
MAY 2018

**DESCRIPTION**

A03 STREET ID & B06 PARKING DIRECTION



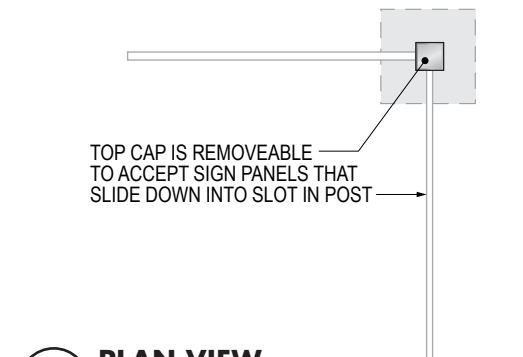
**1 FRONT ELEVATION**  
Scale: 1/2" = 1'-0"



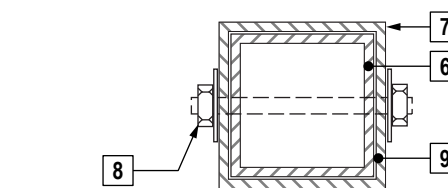
**2 SECTION DETAIL AT FOOTING**  
Scale: 3" = 1'-0"



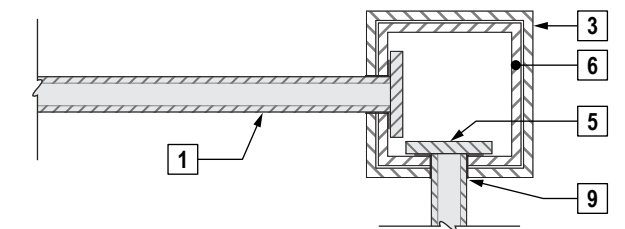
**6 EXISTING CONDITIONS**  
Scale: 1/2" = 1'-0"



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



**3 PLAN SECTION DETAIL AT BASE**  
Scale: 3" = 1'-0"



**4 PLAN SECTION DETAIL AT TOP**  
Scale: 3" = 1'-0"

## NOTES

- SIGN PANEL:** Fabricated (3/4" thick overall/verify) aluminum box panel; primed and painted finish. Apply graffiti-resistant coating to all exposed surfaces; ease all exposed edges.
- GRAPHICS:** Surface applied electrocut reflective graphics or print with 3M outdoor digital inks.
- BRACKET & CAP:** Fabricated aluminum square bracket with slots to accept sign panels / to cover post. Secure sign support bracket to post / bolt as required per structural engineering.
- CAP:** Cap is removable to change sign panels. Provide vandal-resistant attachment.
- PANEL TABS:** To secure panel within bracket slots.
- POST:** 3" square aluminum post; primed and painted finish. Apply graffiti-resistant coating to all exposed surfaces; ease all exposed edges.
- POST SLEEVE:** Stainless steel sleeve embedded into concrete to accept sign post. Isolate dissimilar metals.
- BOLTS:** Secure with mechanical fasteners / s.s. bolts.
- GASKET:** Provide seal to protect post as required.
- FOUNDATION:** Provide below-grade reinforced concrete footing and structural attachment per engineering.

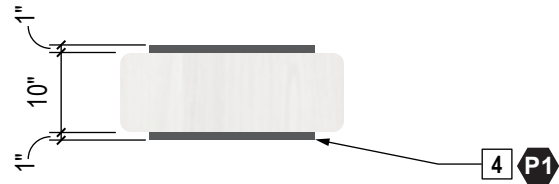
## GENERAL NOTES

**MEASUREMENTS & LOCATIONS:** Sign Contractor to field verify all measurements and final sign locations with owner prior to creating shop drawings.

See Appendix page 34 for additional sign details.

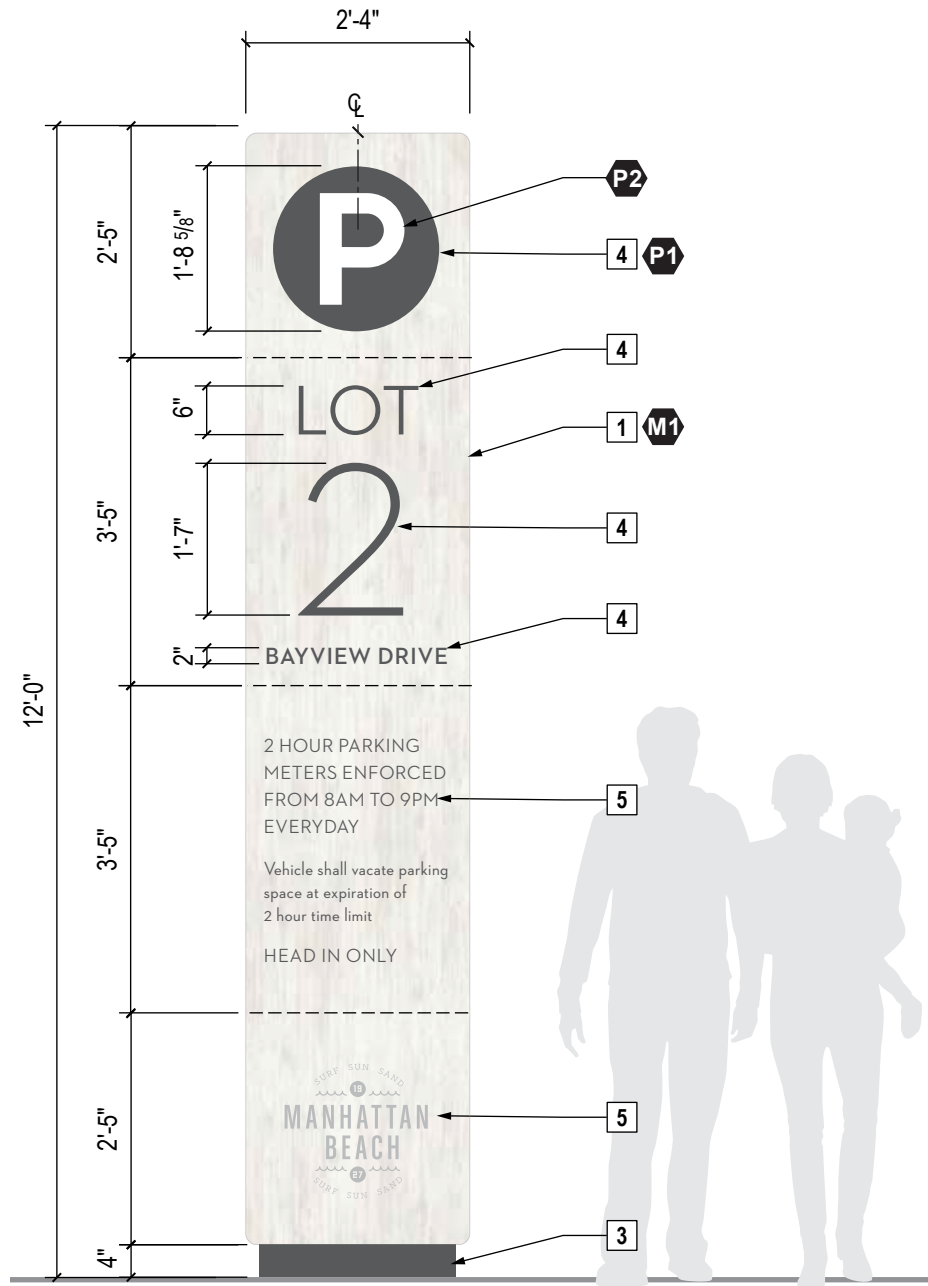






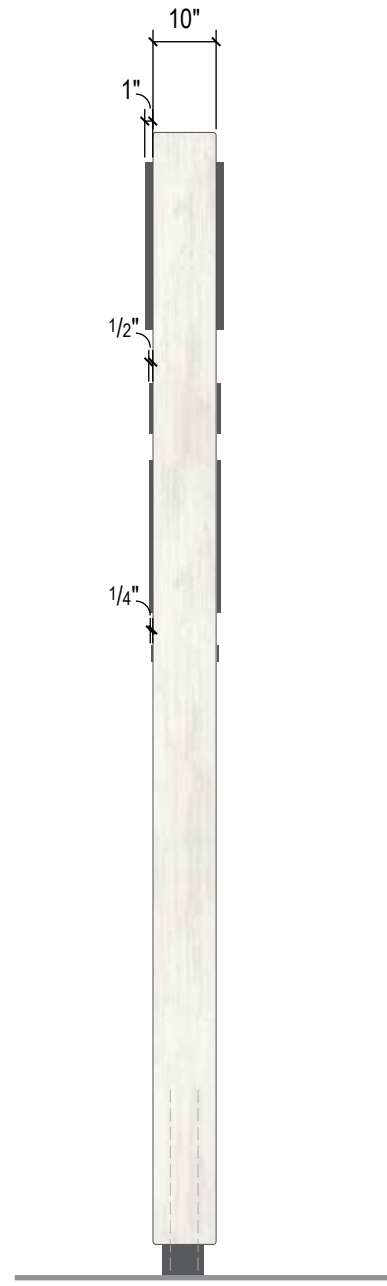
## 2 PLAN VIEW

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



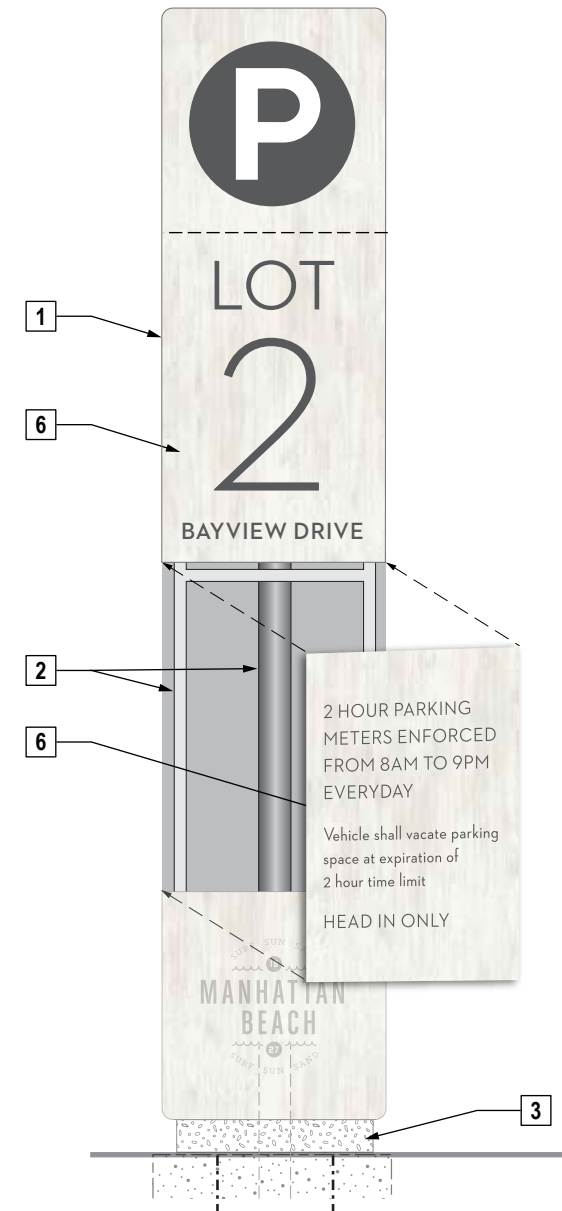
## 1 FRONT ELEVATION

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



## 3 SIDE VIEW

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



## 4 ISOMETRIC ASSEMBLY

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

### NOTES

1. SIGN CABINET: New fabricated aluminum sign cabinet with custom wood print to be highly durable embedded graphic onto powder coated surface. High pressure laminate is not an acceptable substitute.
2. STRUCTURE: The sign support structure, including the interface with the footing/foundation, shall be designed by the fabricator's structural engineer. For vertical pylons of certain height, main support is schedule 40 steel pipe embedded into concrete foundation.  
  
Coordinate with City for final location and foundation.
3. BASE: Concrete pad at base; sub-grade concrete foundation as required; prime and paint.
4. LETTERS/SYMBOLS: 1/4" thick cut-out Lexan; primed and painted finish; stud-mount to cabinet; reinforce with silicone adhesive.
5. LOGO/PARKING REGULATIONS: Logo and copy is part of Direct Embed print. If not Direct Embed, logo and copy to be surface applied silk-screened graphic.
6. CHANGEABLE PANELS: Center panels to be changeable to update messaging as required.

### GENERAL NOTES

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.

See Appendix page 35 for additional sign details.



CITY OF  
MANHATTAN BEACH



PROJECT  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

DATE  
MAY 2018

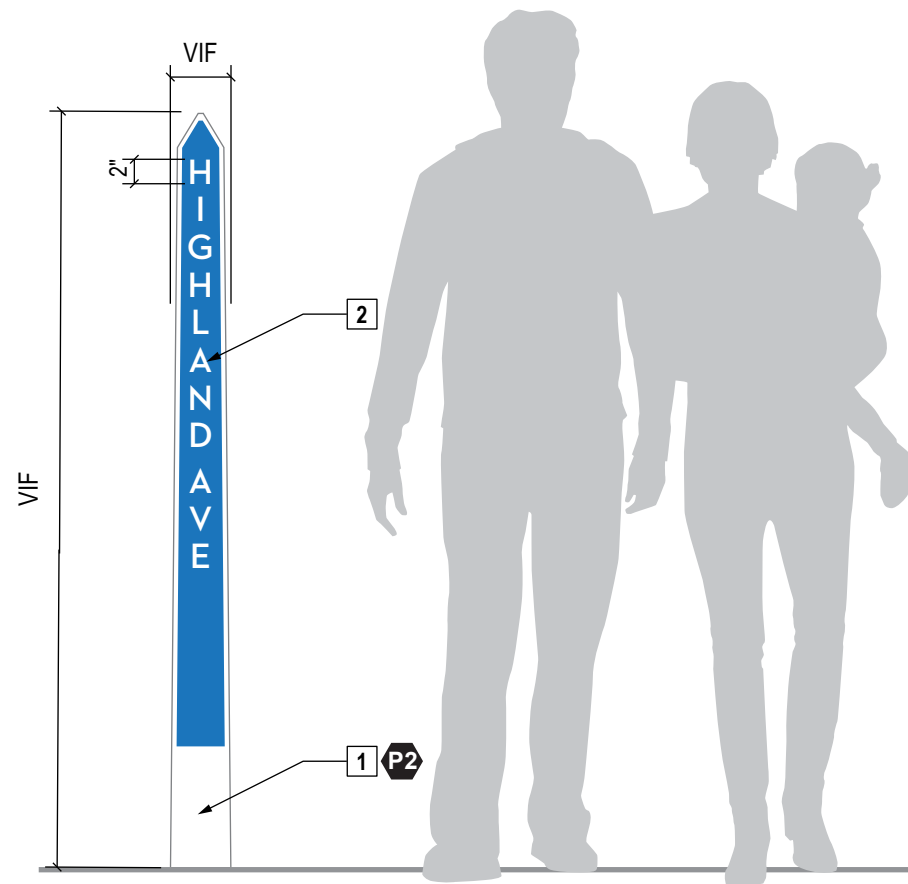
### DESCRIPTION

A05 PARKING IDENTITY – FREESTANDING



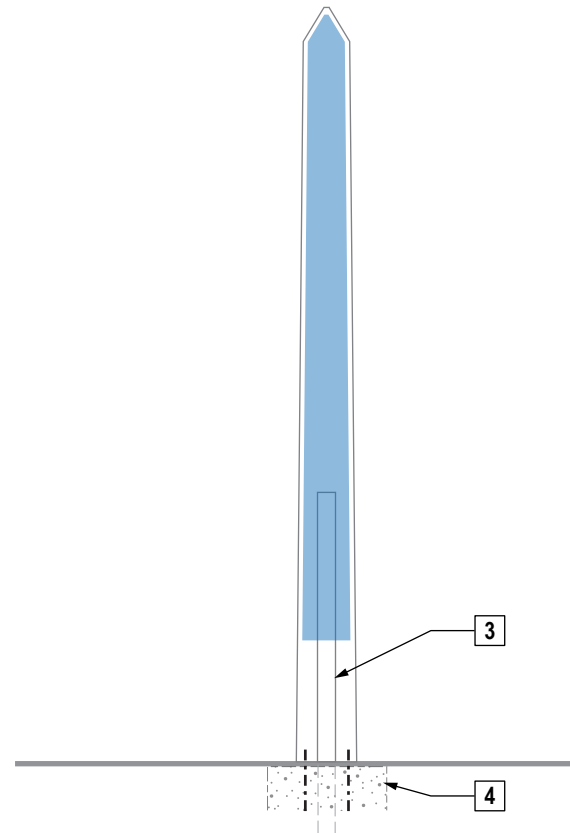
### 3 PLAN VIEW

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



### 1 FRONT ELEVATION – POST MOUNTED

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



### 2 EXISTING CONDITIONS

scale: NTS



#### NOTES

1. OBELISK: Cast concrete reinforced obelisk painted white with applied street name. Reference existing structures for size.
2. COPY: Street name to be printed on 3M retroreflective vinyl with 3M exterior grade inks and 3M protective overlay film. Street name is applied to all 4 sides of sign.
3. STRUCTURE: The sign support structure, including the interface with the footing/foundation, shall be designed by the fabricator's structural engineer. 1 1/2" schedule 40 pipe cast in bottom of obelisk. Cast-in threaded inserts and anchor bolts as required to secure obelisk.  
Coordinate with City for final location and foundation.
4. BASE: Concrete pad at base; sub-grade concrete foundation as required; prime and paint.

#### GENERAL NOTES

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.  
See Appendix page 36 for additional sign details.



CITY OF  
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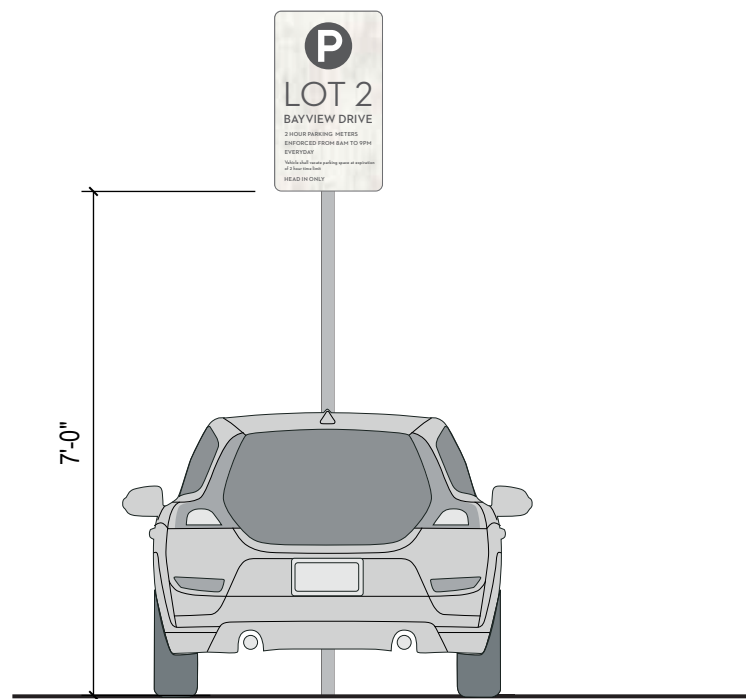
PROJECT  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

DATE  
MAY 2018

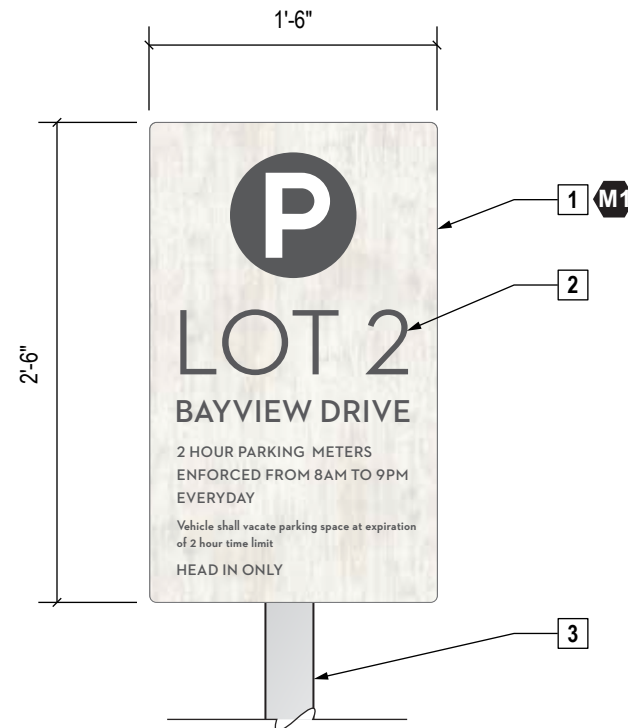
#### DESCRIPTION

A06 STREET IDENTITY – OBELISK

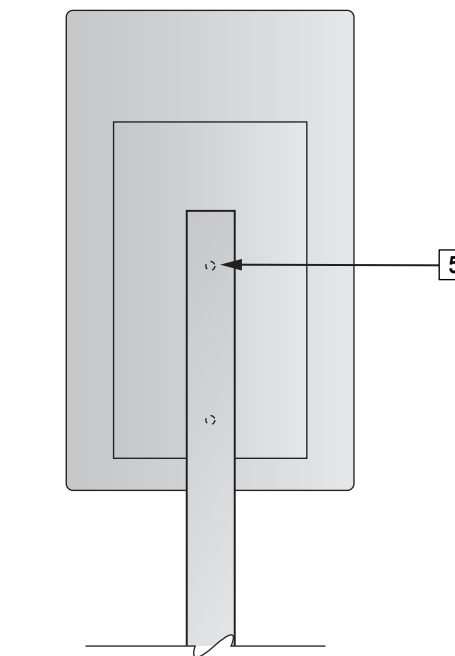




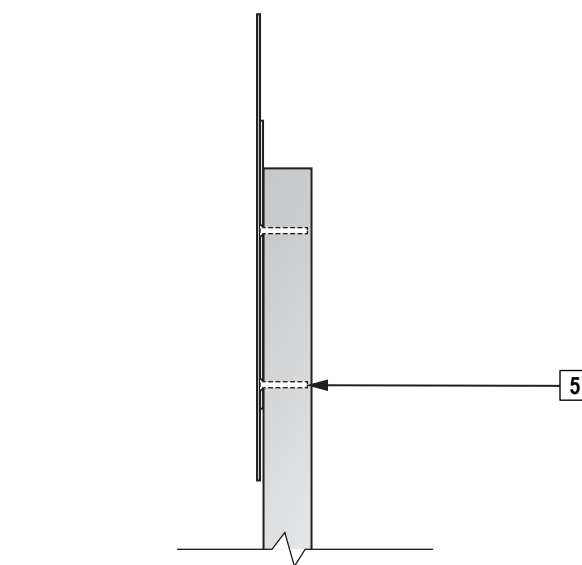
**1 CONTEXT ELEVATION**  
scale: 3/8" = 1' -0"



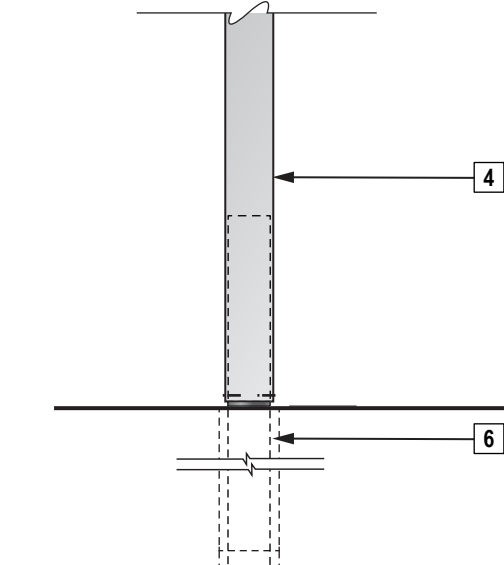
**2 FRONT ELEVATION**  
scale: 1 1/2" = 1' -0"



**3 REAR ELEVATION**  
scale: 1 1/2" = 1' -0"



**4 TYPICAL SIDE ELEVATION**  
scale: 1 1/2" = 1' -0"



**5 TYPICAL POST AT BASE**  
scale: 1 1/2" = 1' -0"

#### NOTES:

1. SIGN PANEL: .063 mil thick non-rusting aluminum panel with radiused corners. Graphics to be highly durable custom wood print embedded onto powder coated surface. High pressure laminate is not an acceptable substitute. Ease all edges.
2. COPY/SYMBOLS: Surface applied electrocut reflective graphics (no sealer over vinyl graphics).
3. SIGN POST: 3" square aluminum tube.
4. SIGN POST BASE: Sign post slides over base post; use silicone and tamper-proof stainless steel set screws at bottom to secure sign post in place; paint expose surface of set screws same as background.
5. SIGN PANEL MOUNTING: Sign face attached to Mounting plate with 3M VHB tape & silicone. 1/8" thick aluminum mounting plate, countersunk and mechanically fastened to post (drilled & tapped) with flathead Stainless Steel machine screws; reinforce with silicone adhesive. Fasteners through mounting plate, not visible on back of post.
6. FOUNDATION: Provide below-grade reinforced concrete footing and structural attachment per engineering. Length above and below grade to be determined by sign contractor for proper fitting and break-away point.

#### GENERAL NOTES

GRAFFITI COATING: Apply graffiti-resistant coating to all exposed surfaces.

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.



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**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

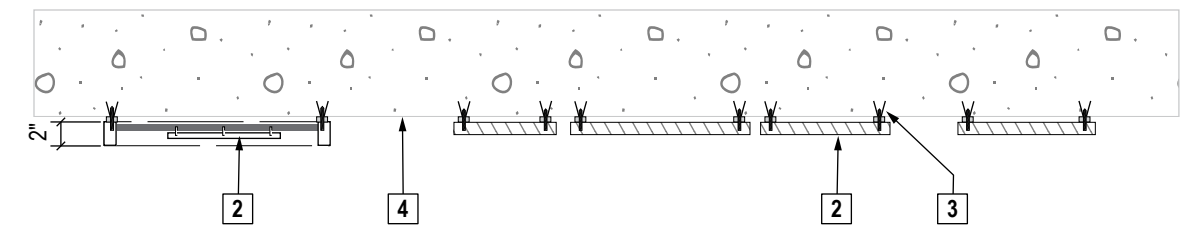
**DATE**  
MAY 2018

#### DESCRIPTION

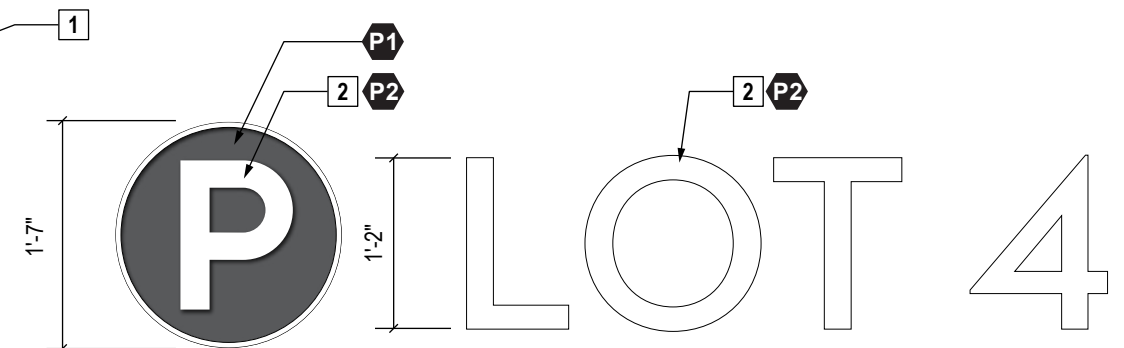
A12 PARKING IDENTITY – POST MOUNTED



**1 FRONT ELEVATION – TYPICAL**  
scale: 3/8" = 1' -0"



**3 LOT INFORMATION SECTION**  
scale: 3/4" = 1' -0"



**2 LOT INFORMATION DETAIL**  
scale: 3/4" = 1' -0"

#### NOTES

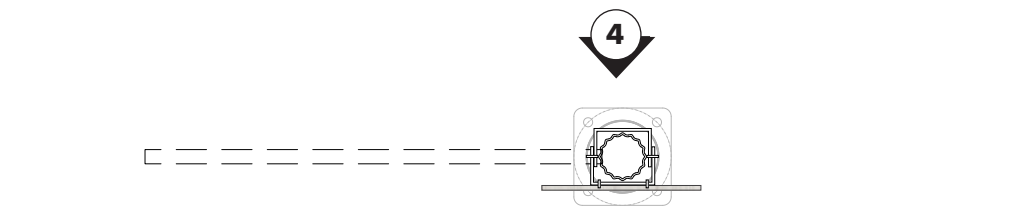
1. GRAPHIC: Exterior grade digital print applied to parking garage facade. Final graphics and locations TBD.
2. SIGN LETTERS: Fabricated (or solid cut-out) aluminum; primed and painted finish; (provide clear coat sealer overall except not over vinyl graphics). Frame and Letter are Stand-off mount.  
ALTERNATE: "P" letter is cut-out polycarbonate.
3. ATTACHMENTS: Stainless steel bolts and expansion anchors. Isolate dissimilar metals.
4. WALL: Field verify. Wall Conditions may vary by location.

#### GENERAL NOTES

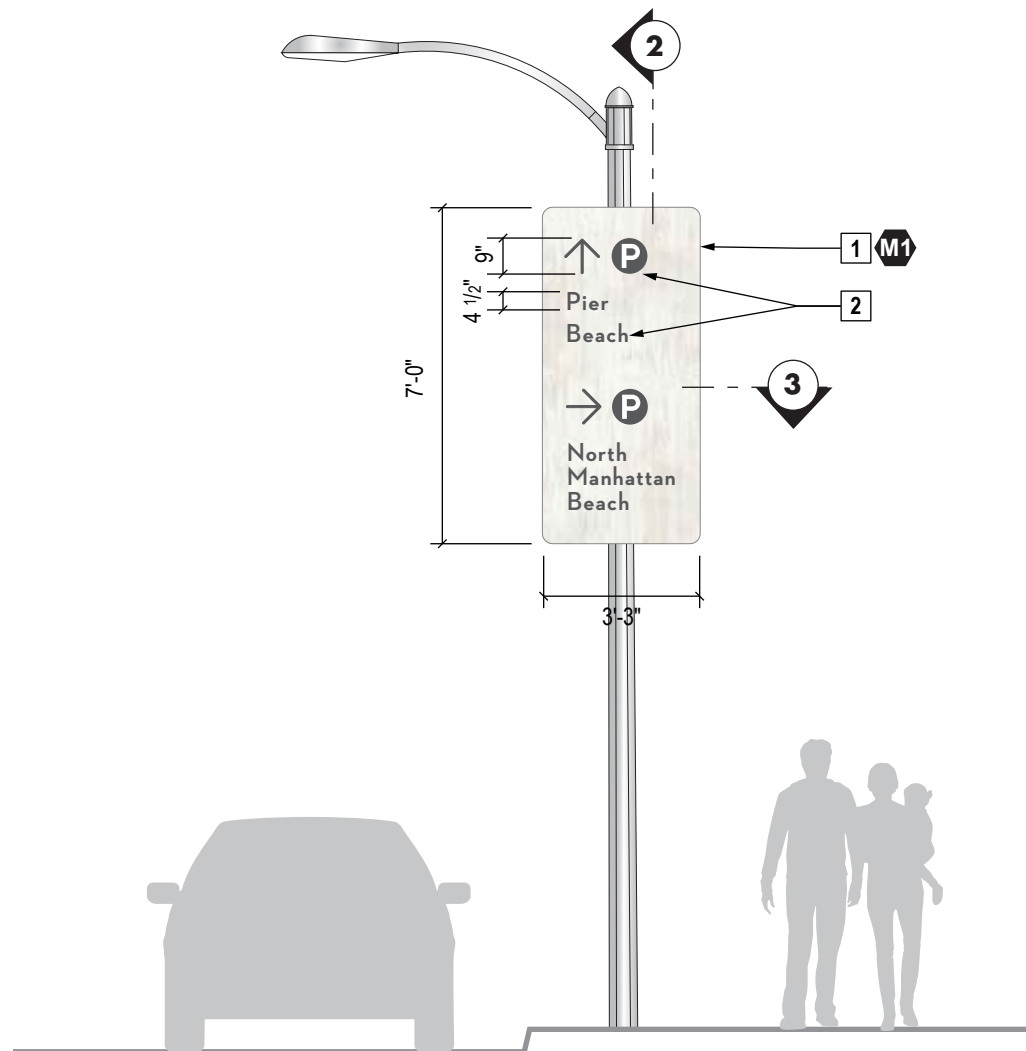
MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.



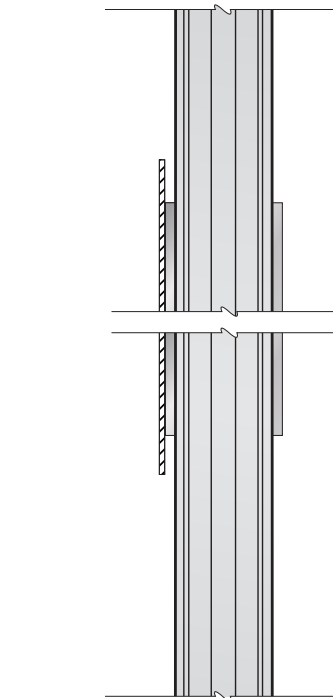




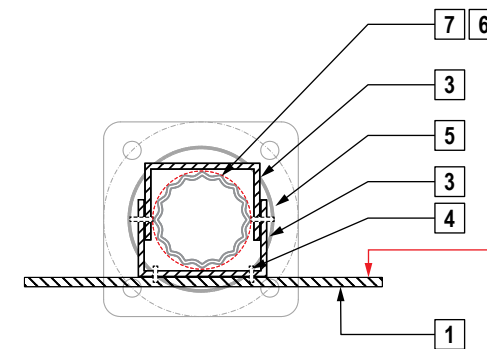
**5 PLAN VIEW**  
scale: 1/2" = 1' -0"



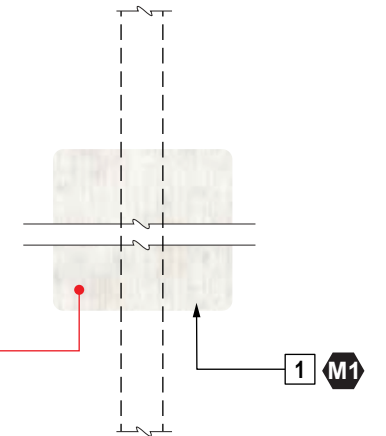
**1 FRONT ELEVATION**  
scale: 1/4" = 1' -0"



**2 SIDE SECTION**  
scale: NTS



**3 PLAN SECTION DETAIL**  
scale: NTS



**4 BACK ELEVATION**  
scale: NTS

#### NOTES

1. SIGN PANEL: .063 mil thick non-rusting aluminum panel with radiused corners. Graphics to be highly durable custom wood print embedded onto powder coated surface. High pressure laminate is not an acceptable substitute. Ease all edges.
2. GRAPHICS: Surface applied electrocut reflective graphics (no sealer over vinyl graphics).
3. BRACKETS: Provide fabricated aluminum adjustable bracket clamps / round or square TBD. Secure sign support bracket to back of panel (no visible fasteners on face) / weld and bolt as required per structural engineering. Primed and painted finish.
4. BOLTS: Secure with mechanical fasteners.
5. BRACKET BOLTS: Secure with mechanical fasteners.
6. GASKET: Provide seal to protect existing light post.
7. LIGHT POST: Existing city light post by others.

#### GENERAL NOTES

MEASUREMENTS & LOCATIONS: Sign Contractor to field verify all measurements and final sign locations with owner prior to creating shop drawings.

See Appendix page 37 for additional sign details.



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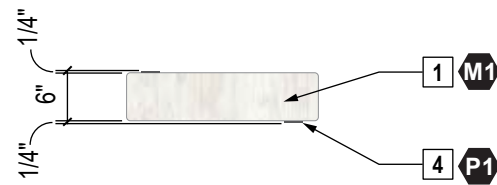


**PROJECT**  
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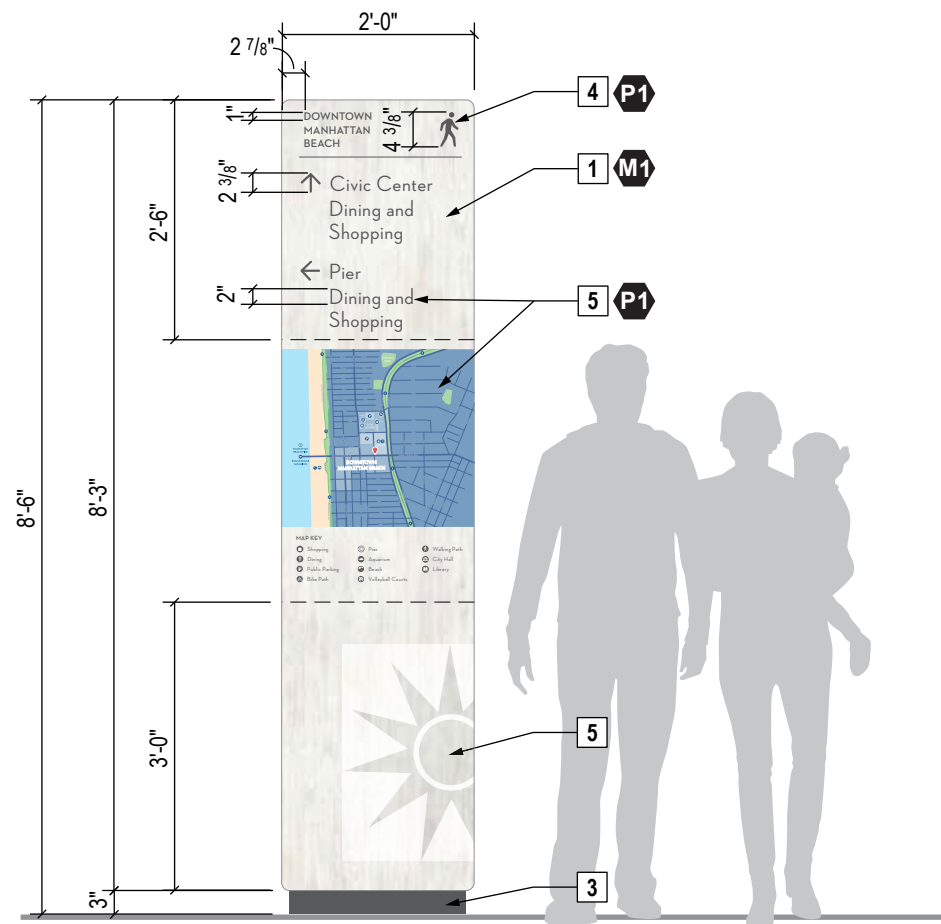
**DATE**  
MAY 2018

#### DESCRIPTION

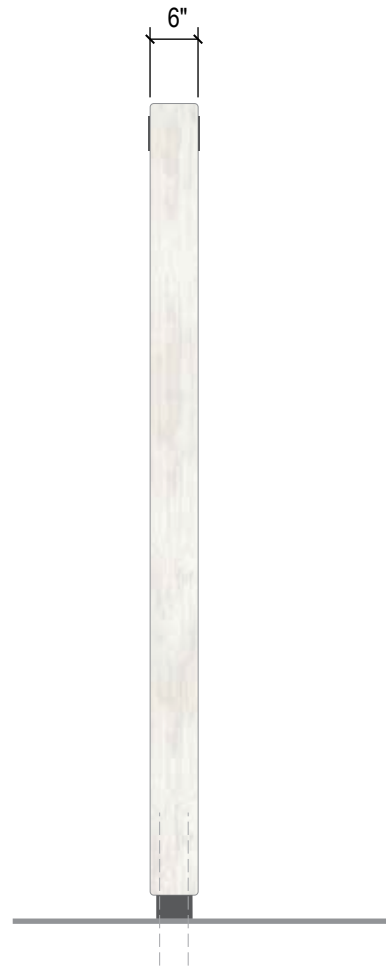
B01 VEHICLE DIRECTION



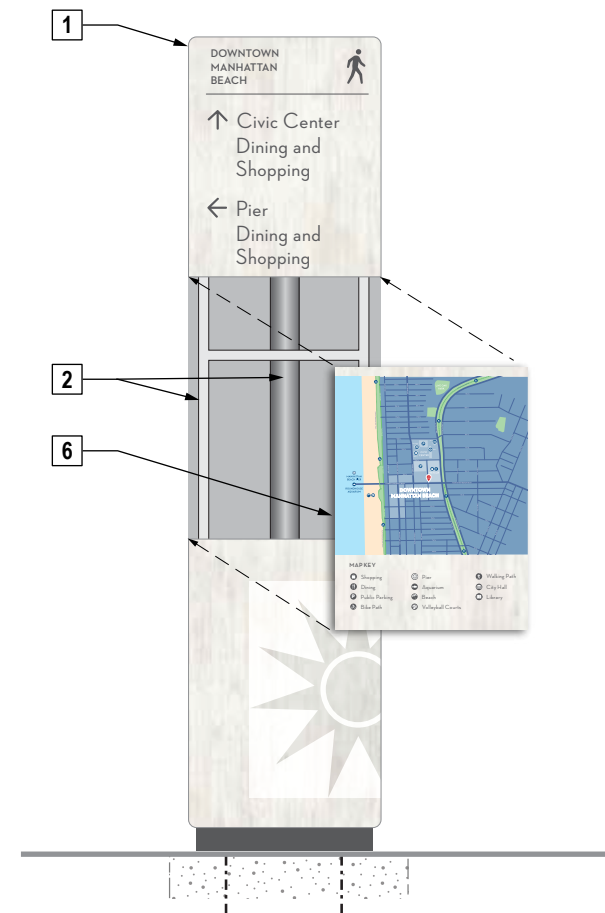
**4 PLAN VIEW**  
scale: 1/2" = 1' -0"



**1 FRONT ELEVATION – POST MOUNTED**  
scale: 1/2" = 1' -0"



**2 SIDE VIEW**  
scale: 1/2" = 1' -0"



**3 ISOMETRIC ASSEMBLY**  
scale: 1/2" = 1' -0"

## NOTES

- SIGN CABINET:** New fabricated aluminum sign cabinet with custom wood print to be highly durable embedded graphic onto powder coated surface. High pressure laminate is not an acceptable substitute.
- STRUCTURE:** The sign support structure, including the interface with the footing/foundation, shall be designed by the fabricator's structural engineer. For vertical pylons of certain height, main support is schedule 40 steel pipe embedded into concrete foundation.  
  
Coordinate with City for final location and foundation.
- BASE:** Concrete pad at base; sub-grade concrete foundation as required; prime and paint.
- LETTERS/SYMBOLS:** 1/4" thick cut-out Lexan; primed and painted finish; stud-mount to cabinet; reinforce with silicone adhesive.
- COPY/ICONS/MAP:** Copy, icons and map are part of custom print. If not on print, copy and icons to be surface applied silk-screened graphics. Icons may vary depending upon location around City. Refer to symbols on page 14 for additional artwork.
- CHANGEABLE PANELS:** Map and message panels to be changeable to update as required. Map panel to be part of custom print.

## GENERAL NOTES

**MESSAGES, MEASUREMENTS & LOCATIONS:** Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.

See Appendix page 38 for additional sign details.



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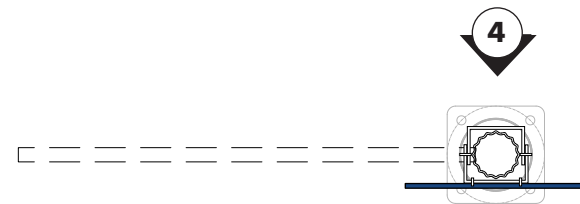
**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

**DATE**  
MAY 2018

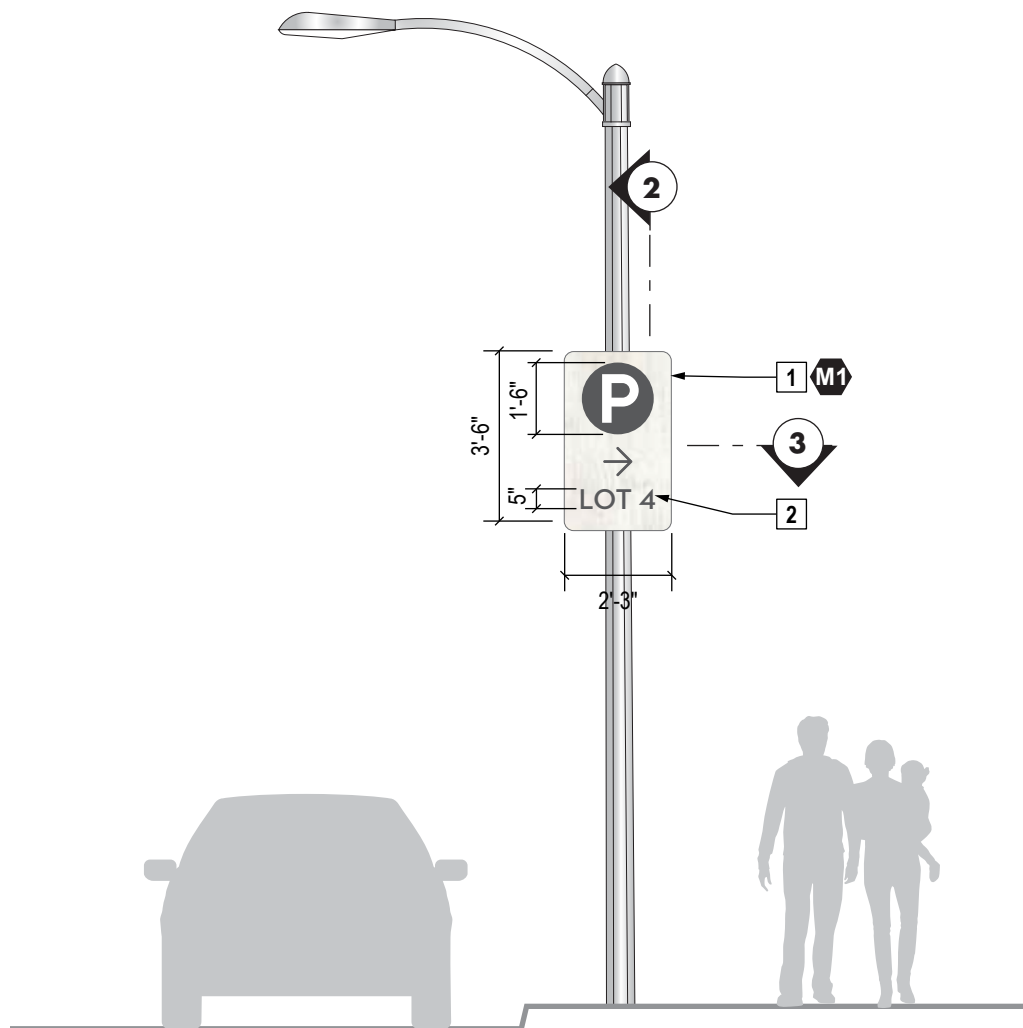
## DESCRIPTION

B05 PEDESTRIAN DIRECTION – FREESTANDING

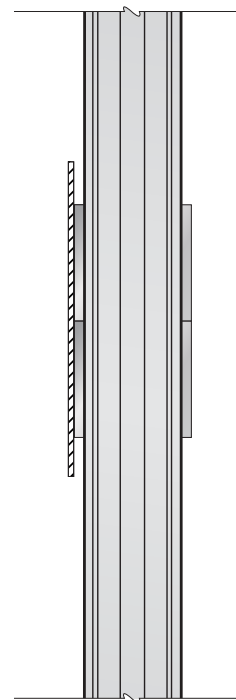




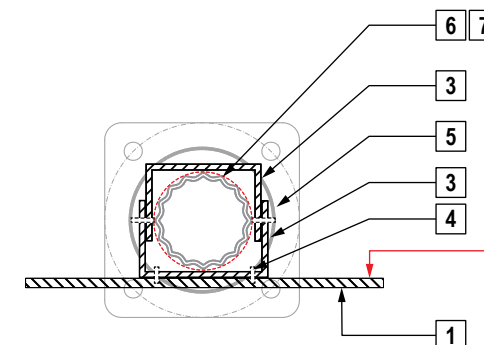
**5 PLAN VIEW**  
scale: 1/2" = 1' -0"



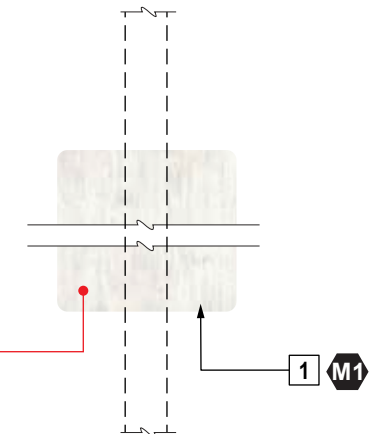
**1 FRONT ELEVATION**  
scale: 1/4" = 1' -0"



**2 SIDE SECTION**  
scale: NTS



**3 PLAN SECTION DETAIL**  
scale: NTS



**4 BACK ELEVATION**  
scale: NTS

#### NOTES

1. SIGN PANEL: .063 mil thick non-rusting aluminum panel with radiused corners. Graphics to be highly durable custom wood print embedded onto powder coated surface. High pressure laminate is not an acceptable substitute. Ease all edges.
2. GRAPHICS: Surface applied electrocut reflective graphics (no sealer over vinyl graphics).
3. BRACKETS: Provide fabricated aluminum adjustable bracket clamps / round or square TBD. Secure sign support bracket to back of panel (no visible fasteners on face) / weld and bolt as required per structural engineering. Primed and painted finish.
4. BOLTS: Secure with mechanical fasteners.
5. BRACKET BOLTS: Secure with mechanical fasteners.
6. GASKET: Provide seal to protect existing light post.
7. LIGHT POST: Existing city light post by others.

#### GENERAL NOTES

MEASUREMENTS & LOCATIONS: Sign Contractor to field verify all measurements and final sign locations with owner prior to creating shop drawings.

See Appendix page 39 for additional sign details.



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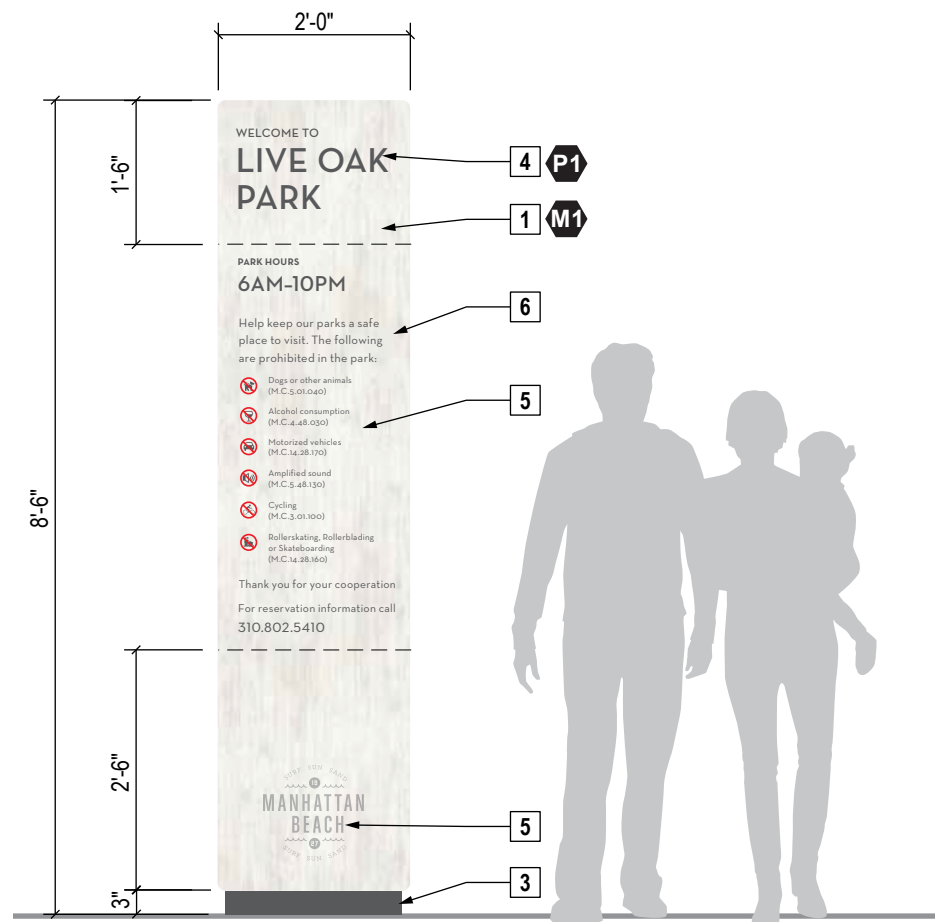
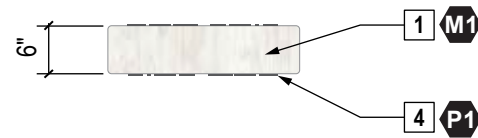
**PROJECT**  
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**DATE**  
MAY 2018

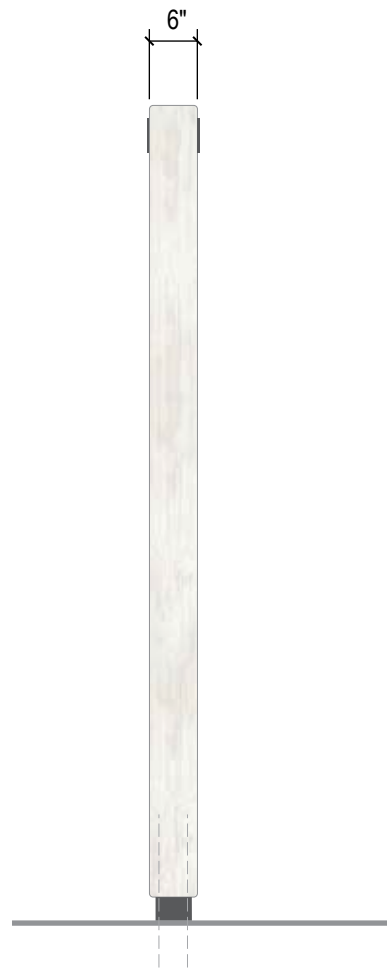
#### DESCRIPTION

B07 PARKING DIRECTION – PANEL

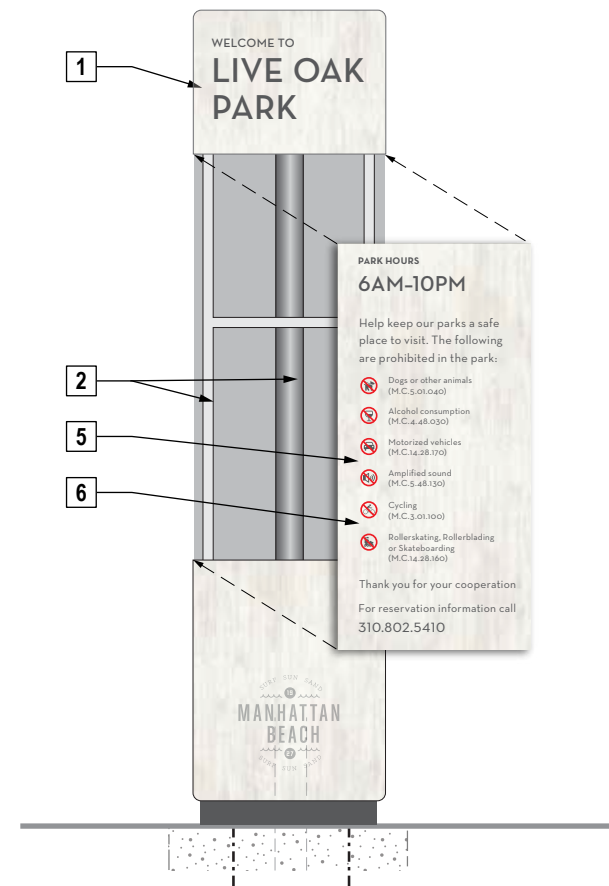
**4 PLAN VIEW**  
scale: 1/2" = 1' -0"



**1 FRONT ELEVATION**  
scale: 1/2" = 1' -0"



**2 SIDE VIEW**  
scale: 1/2" = 1' -0"



**3 ISOMETRIC ASSEMBLY**  
scale: 1/2" = 1' -0"

## NOTES

- SIGN CABINET:** New fabricated aluminum sign cabinet with custom wood print to be highly durable embedded graphic onto powder coated surface. High pressure laminate is not an acceptable substitute.
- STRUCTURE:** The sign support structure, including the interface with the footing/foundation, shall be designed by the fabricator's structural engineer. For vertical pylons of certain height, main support is schedule 40 steel pipe embedded into concrete foundation.  
  
Coordinate with City for final location and foundation.
- BASE:** Concrete pad at base; sub-grade concrete foundation as required; prime and paint.
- LETTERS/SYMBOLS:** 1/4" thick cut-out Lexan; primed and painted finish; stud-mount to cabinet; reinforce with silicone adhesive.
- COPY/ICONS:** Copy and icons are part of custom wood print. If not part of custom print, copy and icons to be surface applied silk-screened graphic. Icons may vary depending upon location and message.
- CHANGEABLE PANELS:** Message panel to be changeable for updates as required.

## GENERAL NOTES

**MESSAGES, MEASUREMENTS & LOCATIONS:** Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.

See Appendix page 40 for additional sign details.



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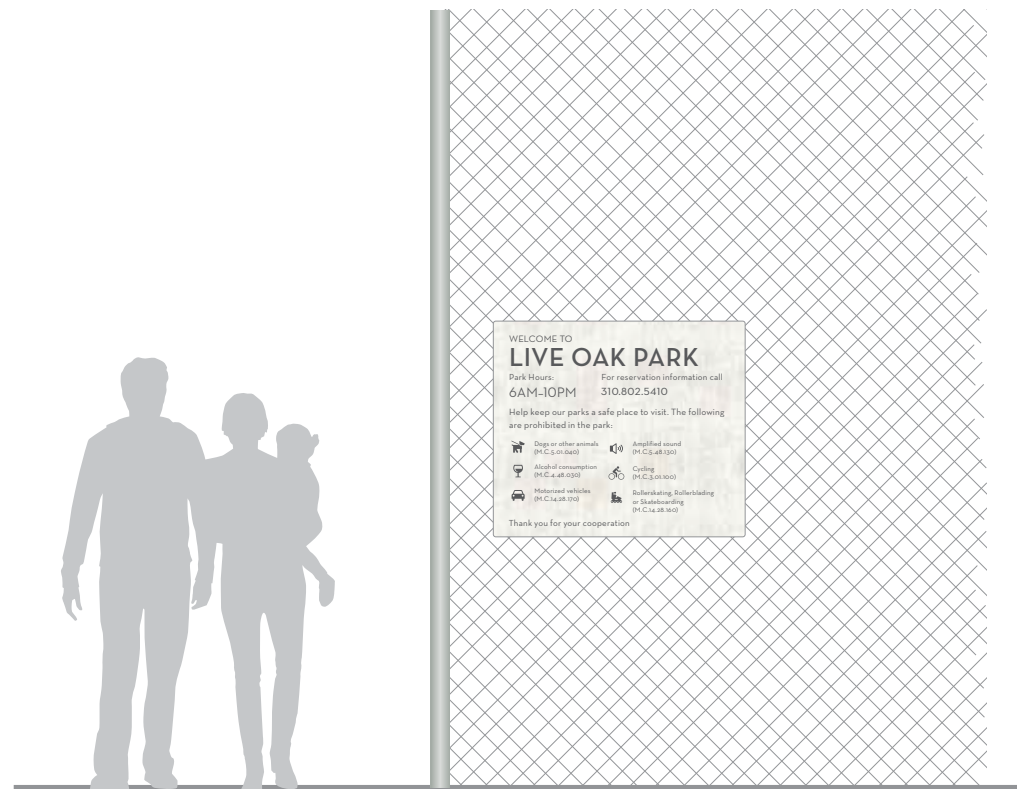
**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

**DATE**  
MAY 2018

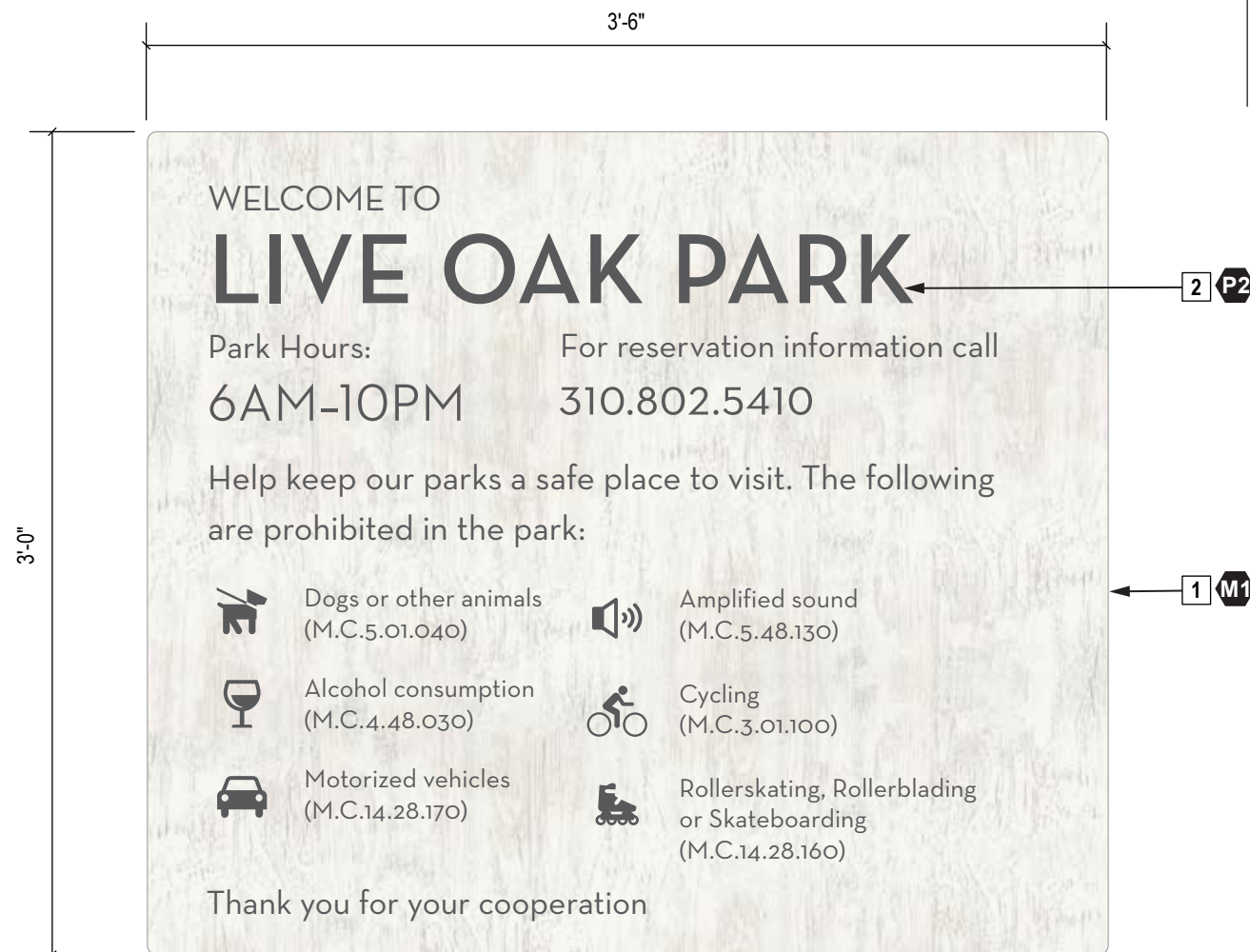
## DESCRIPTION

D10 REGULATIONS – FREESTANDING





**1 FRONT ELEVATION – FENCE/WALL MOUNTED**  
scale: 3/8" = 1' -0"



**2 SIGN DETAIL - FENCE MOUNTED**  
scale: 3/4" = 1' -0"

#### NOTES:

1. SIGN PANEL: .063 mil thick non-rusting aluminum panel with radiused corners. Graphics to be highly durable custom wood print embedded onto powder coated surface. High pressure laminate is not an acceptable substitute. Ease all edges. Refer to page 40 for drawing detail.
2. COPY/GRAPHICS: Copy and graphics to be part of custom wood print. OPTION: Copy and graphics to be surface applied silk-screened graphic.

#### GENERAL NOTES

FENCE/WALL MOUNT: Attach sign to fence with bracket as required. For wall mounted signs, adhere sign flush to wall using VHB tape and silicone as required.

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.

See Appendix page 41 for additional sign details.



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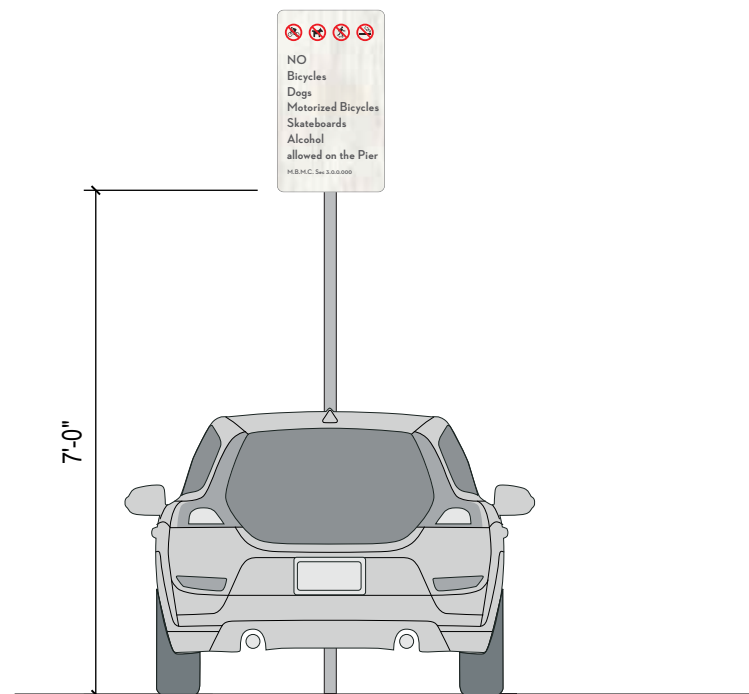


**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

**DATE**  
MAY 2018

#### DESCRIPTION

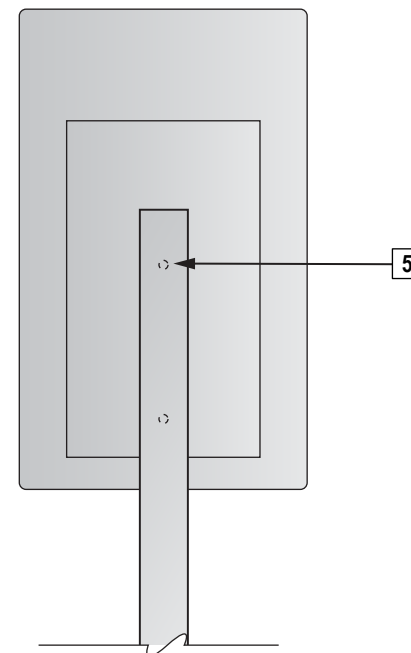
D11 REGULATIONS – FENCE/WALL MOUNTED



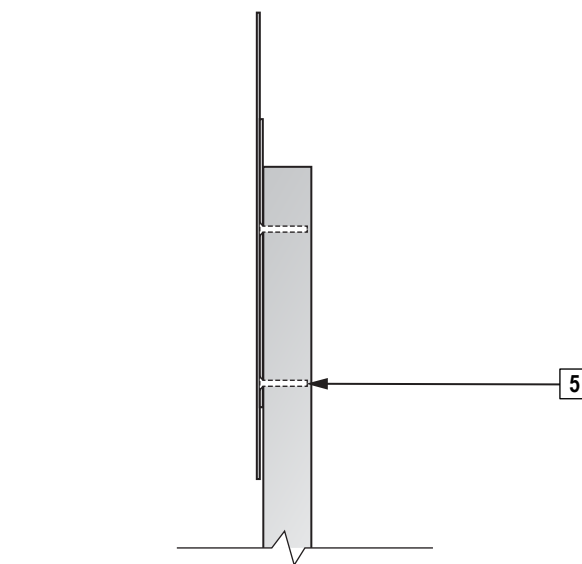
**1 CONTEXT ELEVATION**  
scale: 3/8" = 1' -0"



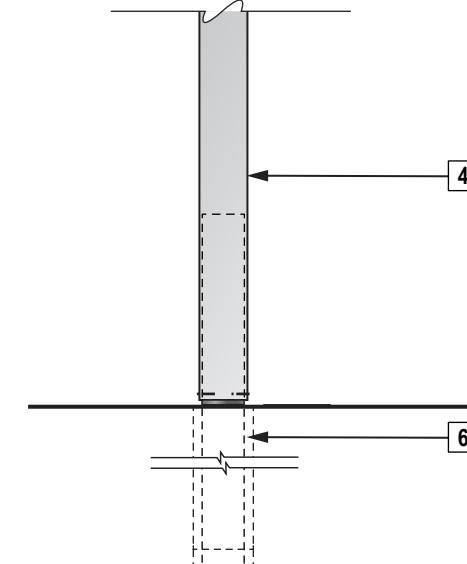
**2 FRONT ELEVATION**  
scale: 1 1/2" = 1' -0"



**3 REAR ELEVATION**  
scale: 1 1/2" = 1' -0"



**4 TYPICAL SIDE ELEVATION**  
scale: 1 1/2" = 1' -0"



**7 TYPICAL POST AT BASE**  
scale: 1 1/2" = 1' -0"

- NOTES:
1. SIGN PANEL: .063 mil thick non-rusting aluminum panel with radiused corners. Graphics to be highly durable custom wood print embedded onto powder coated surface. High pressure laminate is not an acceptable substitute. Ease all edges.
  2. COPY/SYMBOLS: Surface applied electrocut reflective graphics (no sealer over vinyl graphics).
  3. SIGN POST: 3" square aluminum tube.
  4. SIGN POST BASE: Sign post slides over base post; use silicone and tamper-proof stainless steel set screws at bottom to secure sign post in place; paint expose surface of set screws same as background.
  5. SIGN PANEL MOUNTING: Sign face attached to Mounting plate with 3M VHB tape & silicone. 1/8" thick aluminum mounting plate, countersunk and mechanically fastened to post (drilled & tapped) with flathead Stainless Steel machine screws; reinforce with silicone adhesive. Fasteners through mounting plate, not visible on back of post.
  6. FOUNDATION: Provide below-grade reinforced concrete footing and structural attachment per engineering. Length above and below grade to be determined by sign contractor for proper fitting and break-away point.

#### GENERAL NOTES

GRAFFITI COATING: Apply graffiti-resistant coating to all exposed surfaces.

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.



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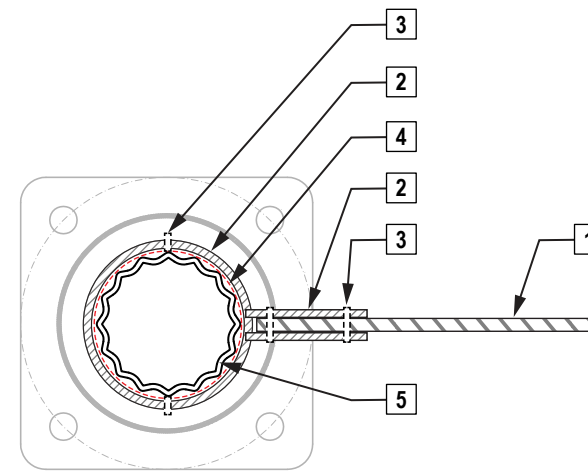
#### DESCRIPTION

D12 REGULATIONS – POST MOUNTED





**1 FRONT ELEVATION – TYPICAL**  
scale: 1/4" = 1' -0"



**3 BRACKET PLAN DETAIL**  
Scale: NTS



**2 EXISTING CONDITION**  
scale: NTS

**NOTES**

1. STENCIL CUT PANEL: Stencil-cut aluminum sign panel with primed and painted finish. Apply graffiti-resistant coating to all exposed surfaces. Icons may vary depending upon location around City. Refer to symbols on page 13 for additional artwork. Refer to page 41 for drawing detail.
2. BRACKET: Sign support attached to existing light post with fabricated metal compression bracket with adjustable clamps. Support to allow sign to be changeable.
3. BRACKET BOLTS: Secure with s.s. mechanical fasteners.
4. GASKET: Provide neoprene gasket seal or similar to protect lamp post.
5. LIGHT POST: Light post by others

**GENERAL NOTES**

MESSAGES, MEASUREMENTS & LOCATIONS: Sign Contractor to confirm all messages, field verify all measurements, and determine final sign locations with owner prior to creating shop drawings.  
See Appendix page 42 for additional sign details.



CITY OF  
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**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

**DATE**  
MAY 2018

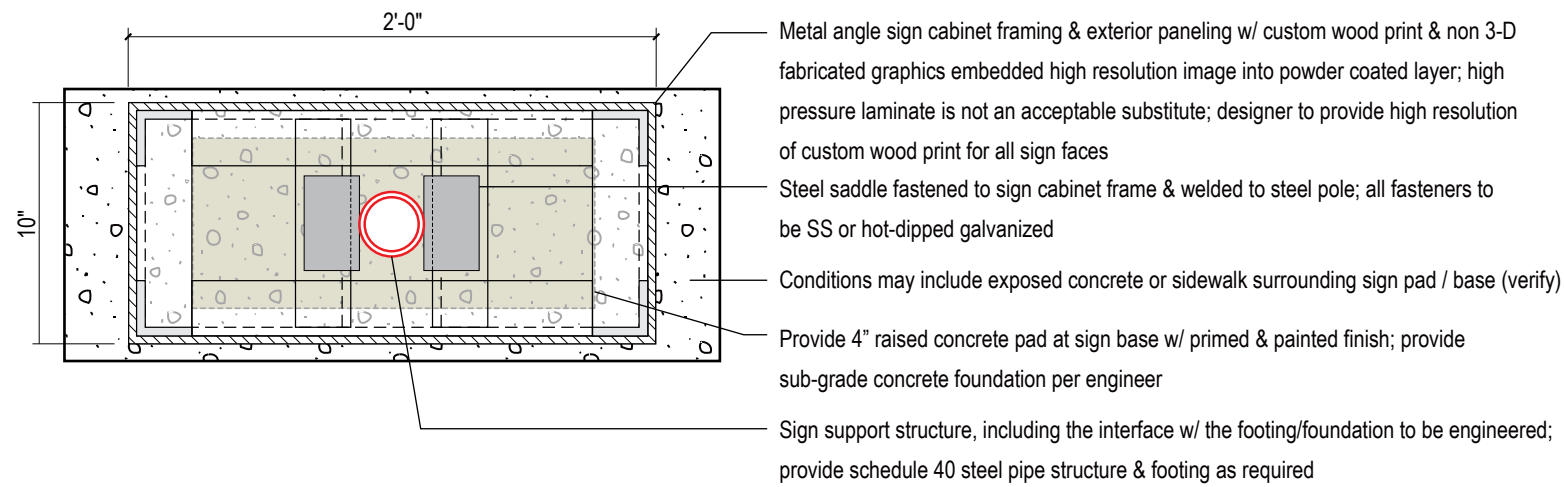
**DESCRIPTION**

E01 LIGHT POLE ART

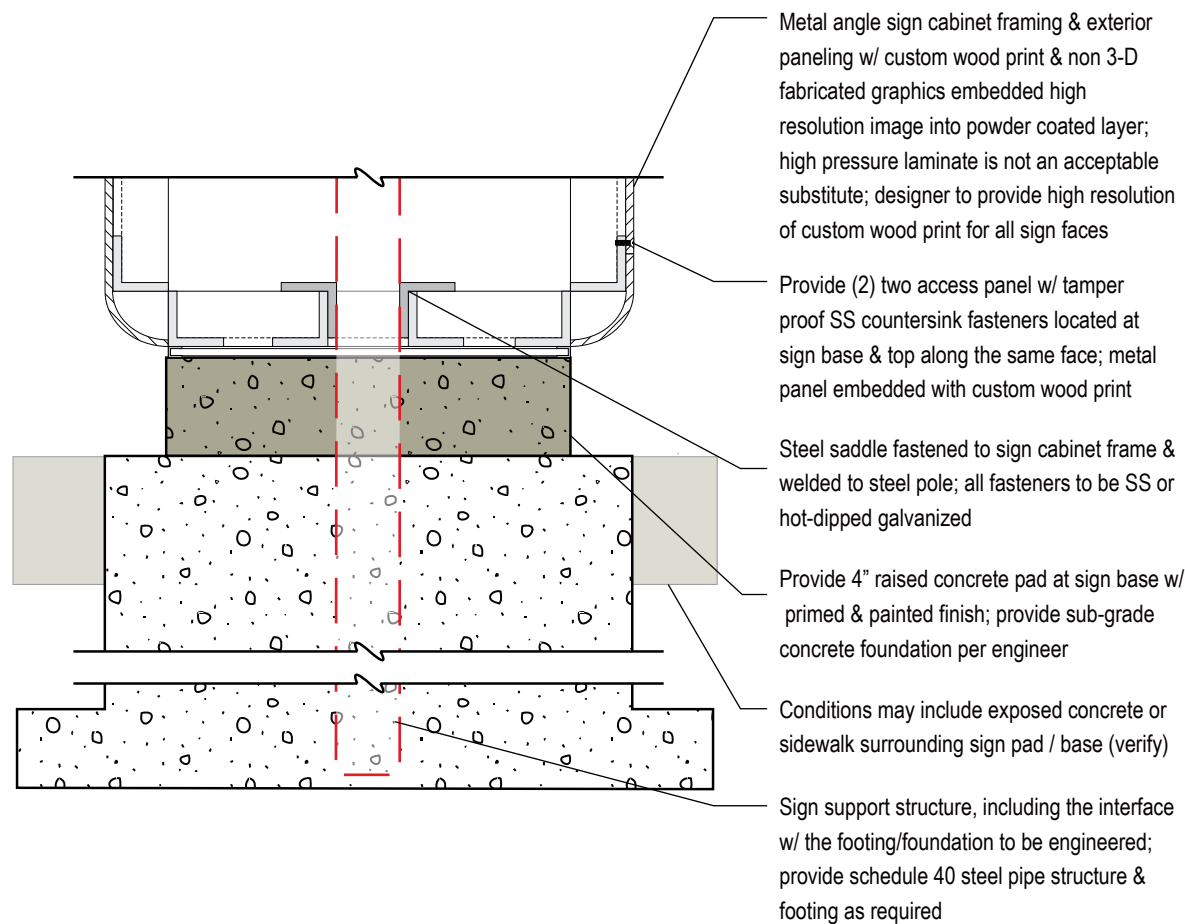
# ADDITIONAL SIGN DETAILS APPENDIX



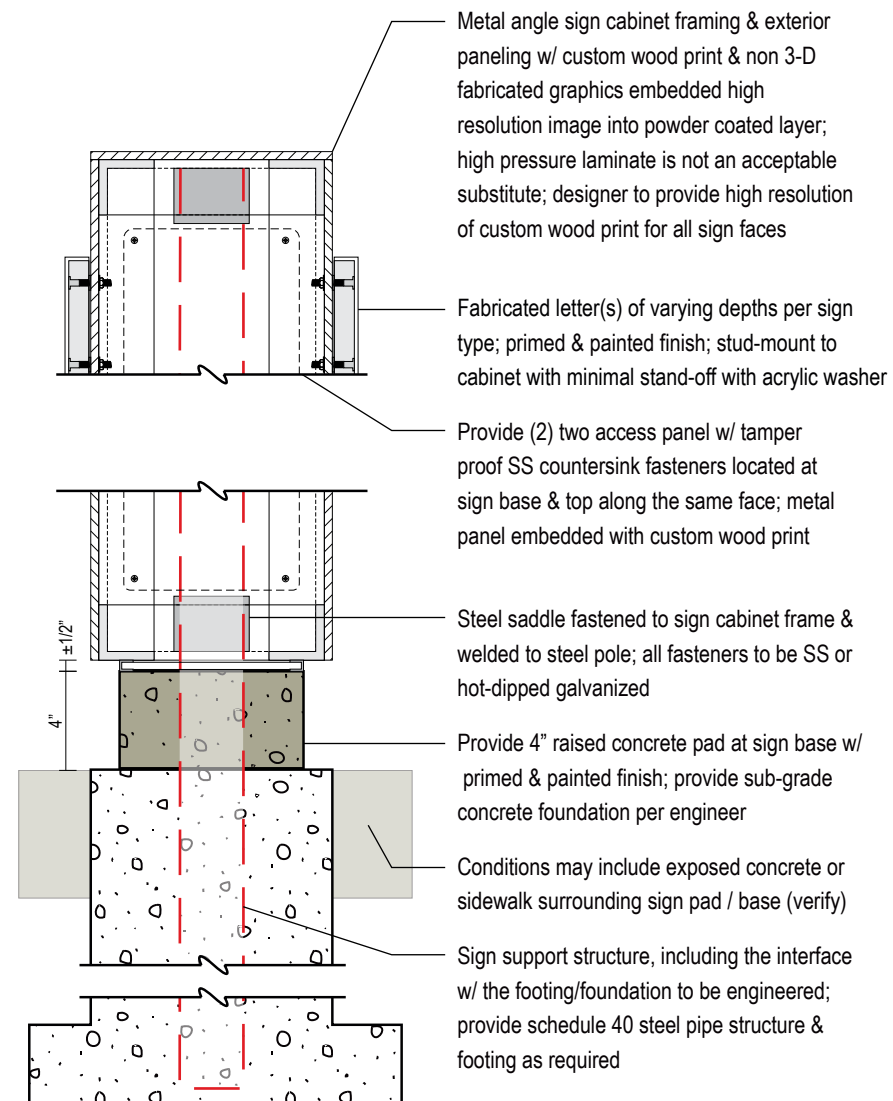




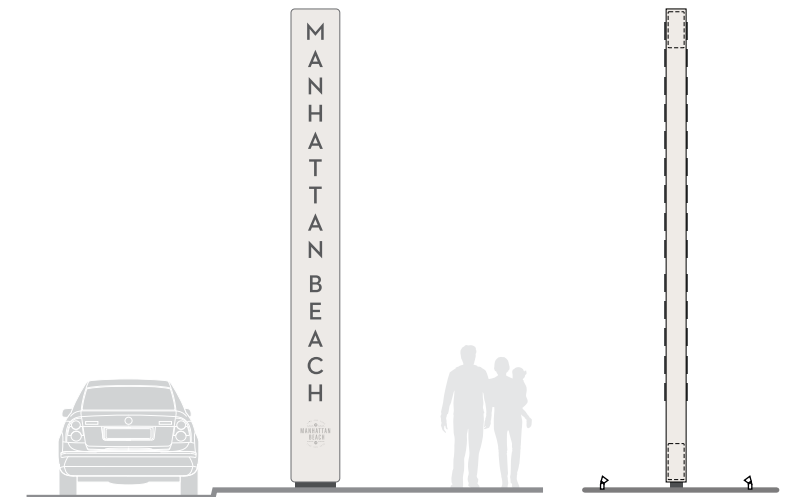
**1 TYPICAL PLAN VIEW DETAIL**  
scale: NTS



**2 TYPICAL FRONT DETAIL - FREESTANDING SIGNS**  
scale: NTS

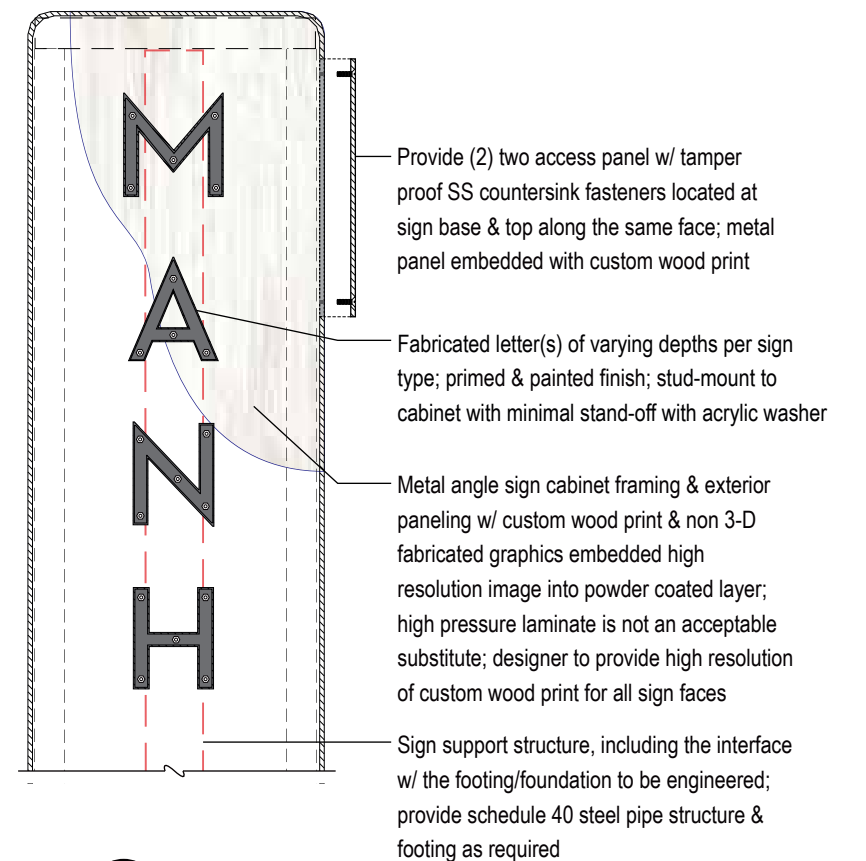


**3 SIDE SECTION DETAIL**  
scale: NTS



**CITY IDENTITY SIGN**

A01



**4 LETTER DETAIL**  
scale: NTS



CITY OF  
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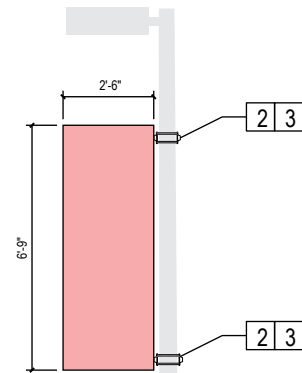
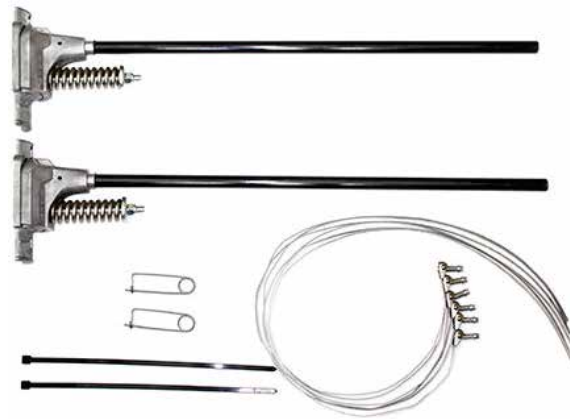


**PROJECT**  
CITY OF MANHATTAN BEACH  
SIGNAGE AND WAYFINDING

**DATE**  
MAY 2018

**DESCRIPTION**

A01 CITY IDENTITY



#### NOTES

1. Provide +100 mph wind resistant spring arm brackets.
2. Pole strap attachment by "Band-It Band" or stainless steel equivalent.
3. Stainless steel straps finish painted to match pole color
4. Provide metal grommet at vinyl banner & secure with HD zip tie or equal.

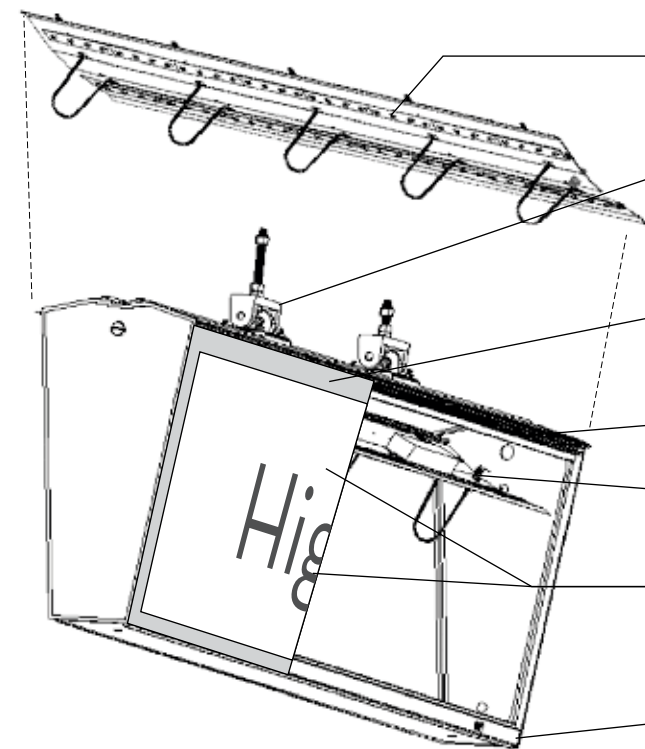
1

#### STREET POLE VINYL BANNER BRACKETS

scale: 1/8" = 1'-0"

#### DISTRICT ID BANNER

A02



Provide LED light strip along interior top panel for interior sign illumination

Free-swinging brackets for reduced wind loads & adjustable telescoping mounting brackets for sign leveling; alum. high corrosion resistant brackets & stainless steel hinge points/fasteners

Provide alum. frame for translucent sign panel w/ full length extruded alum. hinge; secured to frame w/ SS fasteners as required

Provide drip overhangs over panel face

Low voltage M-volt power supply located in interior operable raceway panel

3/16" Thick clear polycarbonate sign panels w/ 3M reflective vinyl background & computer cut copy per sign schedule

6063-T5 Extruded alum. top & bottom panels & 0.080"t. alum. panels welded continuous for complete weather-resistant seal

2

#### ILLUMINATED SIGN DETAIL

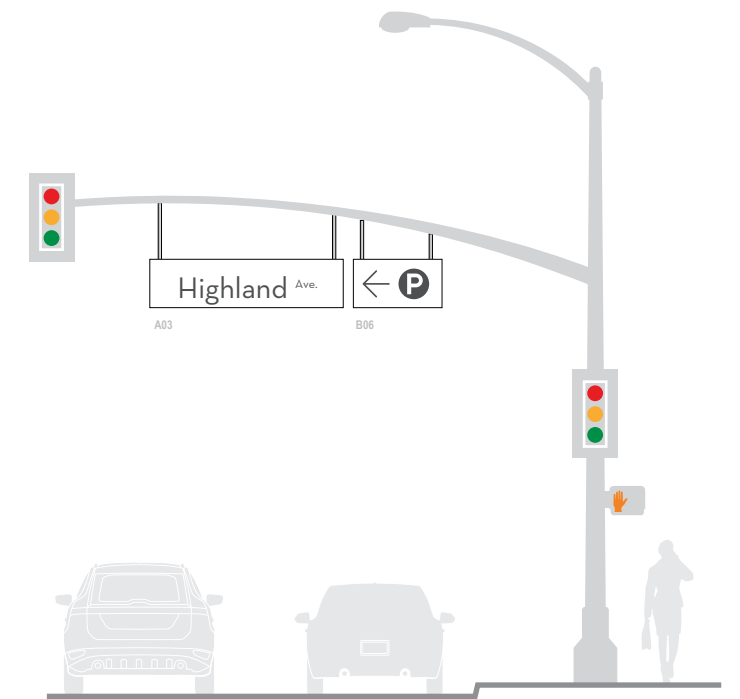
scale: NTS

Highland Ave.

#### OPTION-1: ILLUMINATED SIGN DETAIL

Highland Ave.

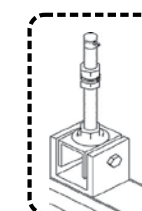
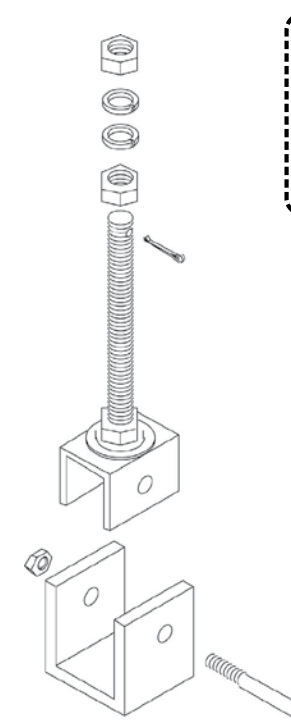
#### OPTION-2: NON-ILLUMINATED SIGN DETAIL



#### STREET ID OVERHEAD

#### PARKING OVERHEAD DIRECTIONAL

A03 B06



Free-swinging brackets for reduced wind loads & adjustable telescoping mounting brackets for sign leveling; alum. high corrosion resistant brackets & stainless steel hinge points/fasteners

6061-t6 Aluminum sign panel secured to frame w/ stainless steel rivets approximately 6 1/2" O.C.

2" x 2" x 1/8" High corrosion resistant aluminum channel 6063-T5 alloy fabrication

3M reflective vinyl background & computer cut copy per sign schedule

Corners to be mitered, MIG welded, and ground smooth

3

#### NON-ILLUMINATED SIGN DETAIL

scale: NTS



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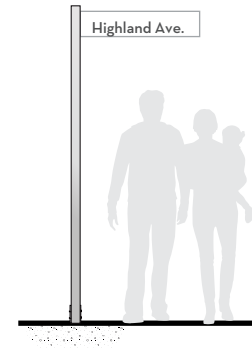
#### DESCRIPTION

A02 DISTRICT IDENTITY BANNER / B06 PARKING OVERHEAD DIRECTIONAL

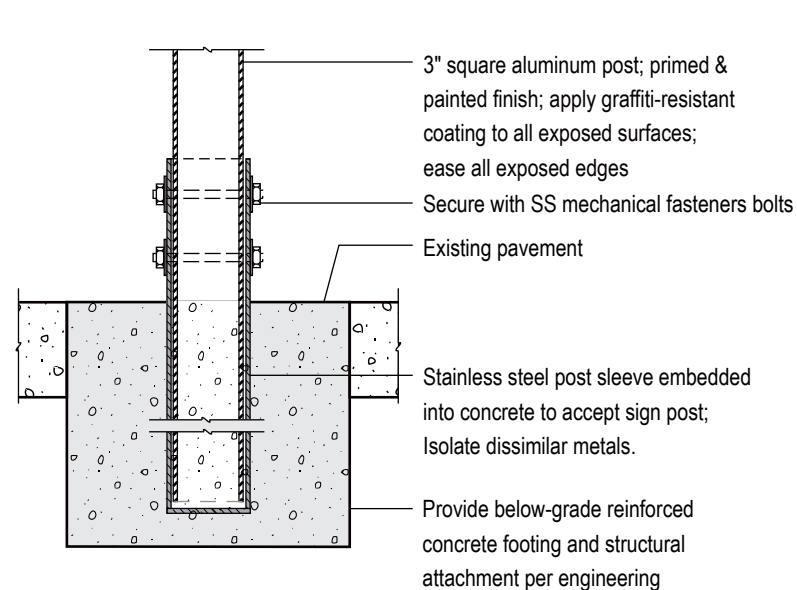




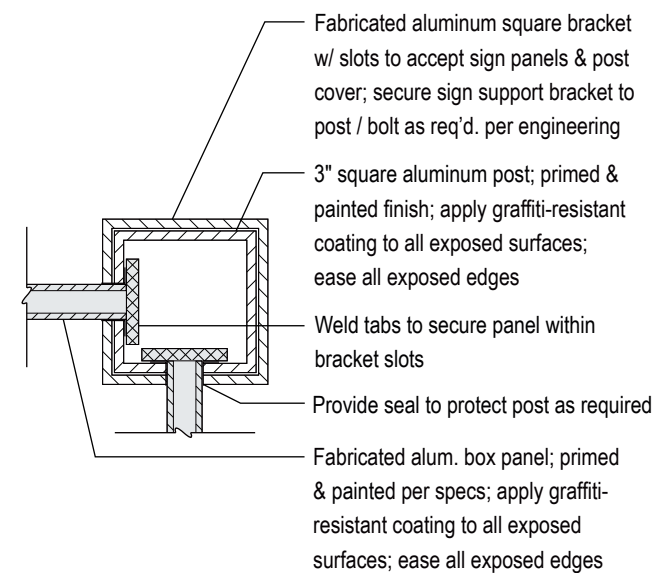
**1 FRONT ELEVATION**  
Scale: 1" = 1'-0"



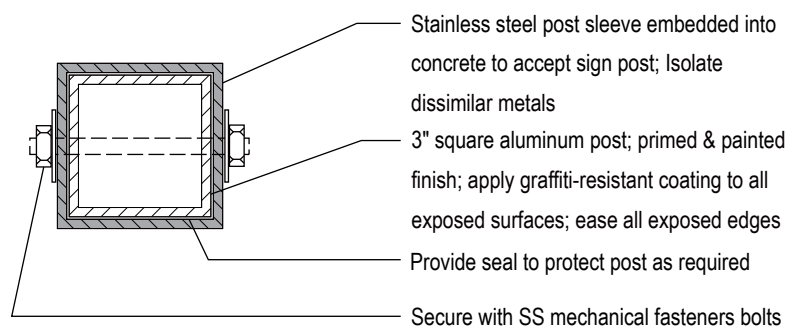
**STREET ID POST** A04



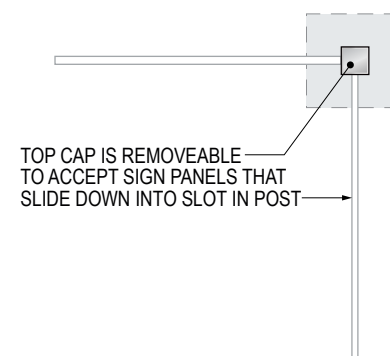
**2 SECTION DETAIL AT FOOTING**  
Scale: 1 1/2" = 1'-0"



**4 PLAN SECTION DETAIL AT TOP**  
Scale: 3" = 1'-0"

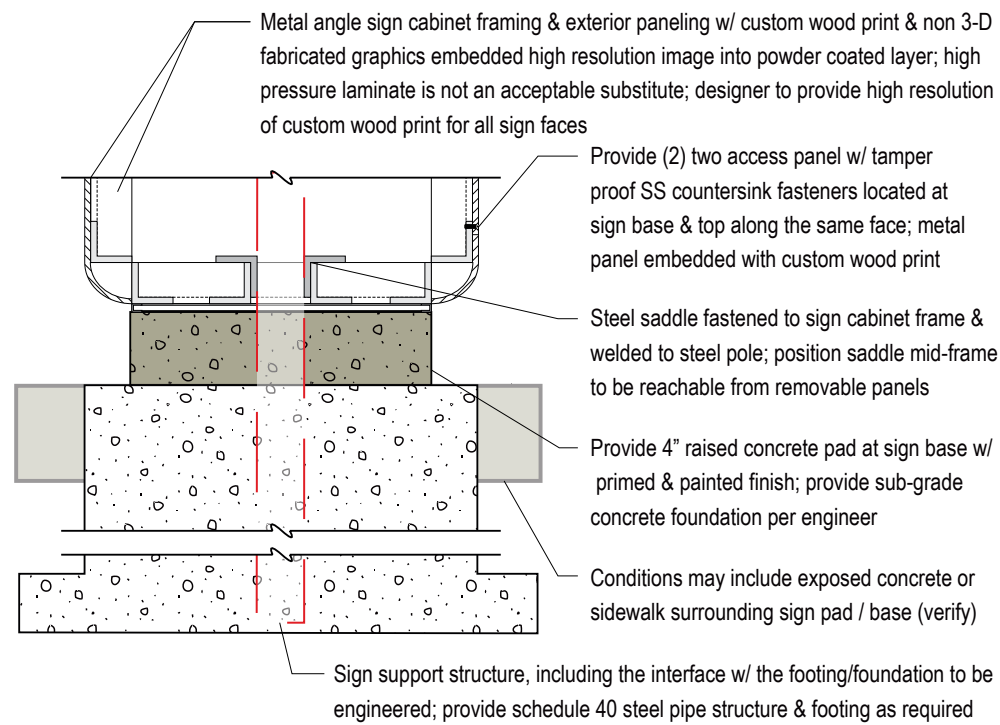


**3 PLAN SECTION DETAIL AT BASE**  
Scale: 3" = 1'-0"



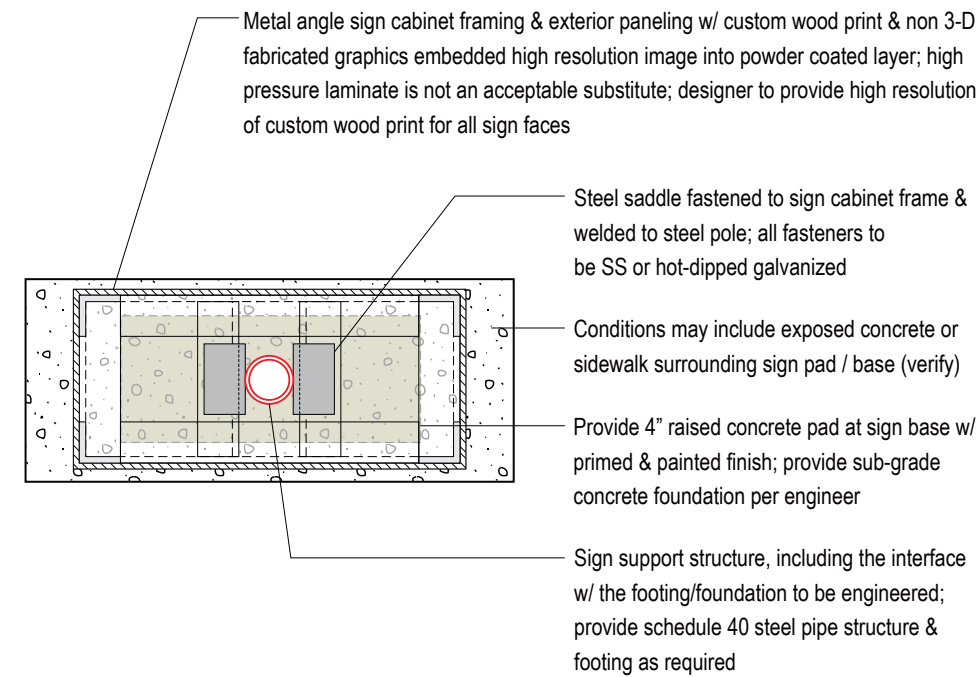
**5 PLAN VIEW**  
Scale: 1/2" = 1'-0"





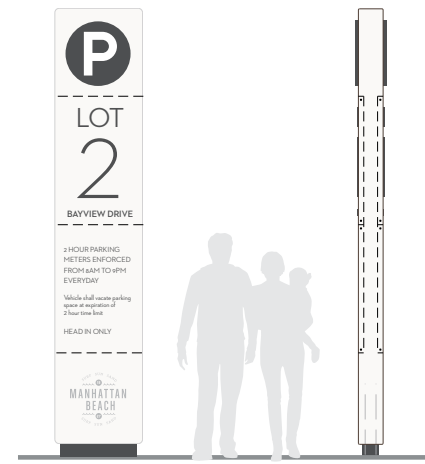
## 6 TYPICAL FRONT DETAIL - FREESTANDING SIGNS

scale: NTS



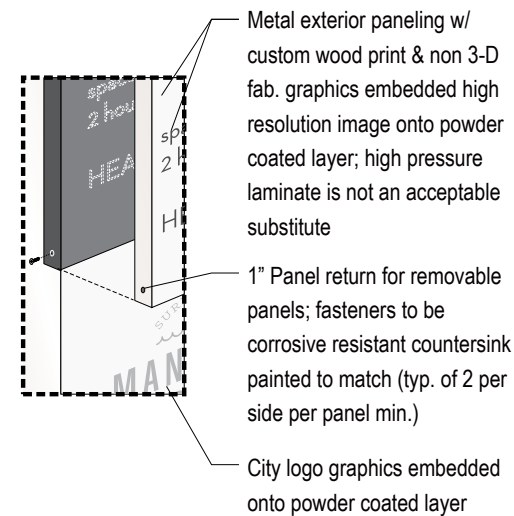
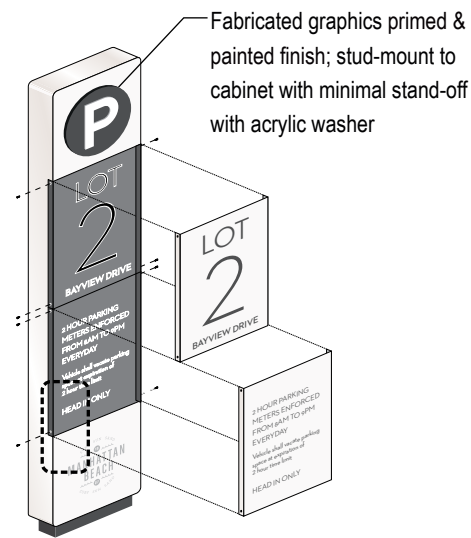
## 7 TYPICAL PLAN VIEW DETAIL

scale: NTS



## PARKING ID FREESTANDING

A05



## 8 ISOMETRIC & DETAIL

scale: NTS



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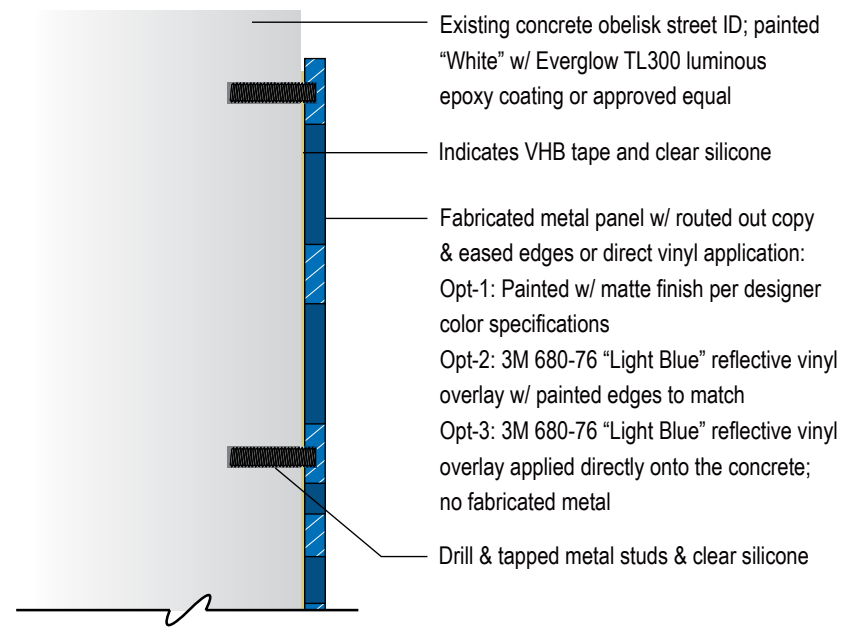
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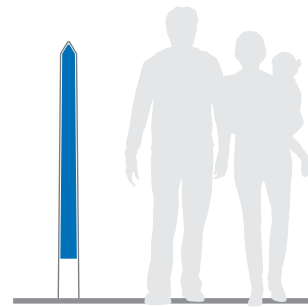
DESCRIPTION

A05 PARKING ID FREESTANDING

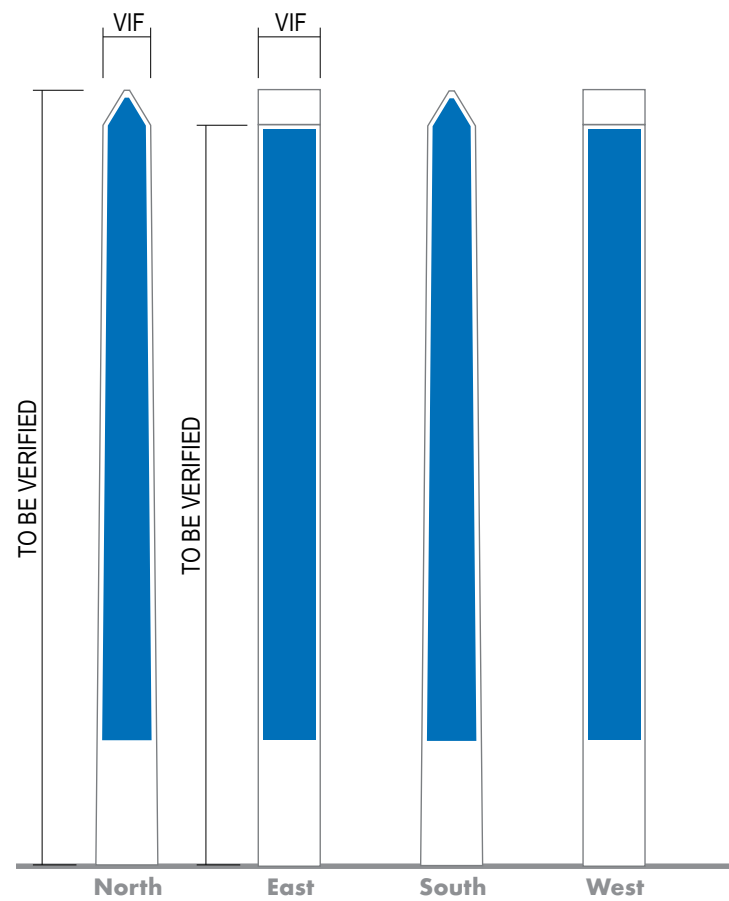




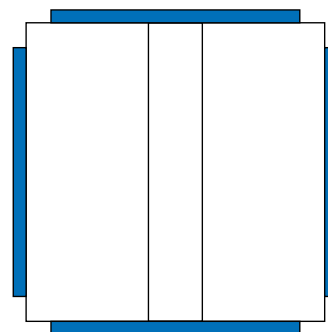
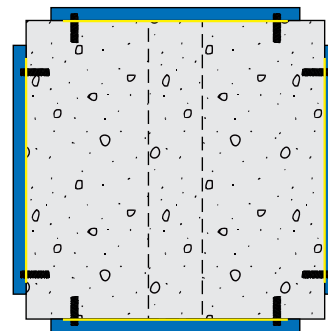
**1 SECTION DETAIL**  
 Scale: NTS



**STREET ID OBELISK** A06

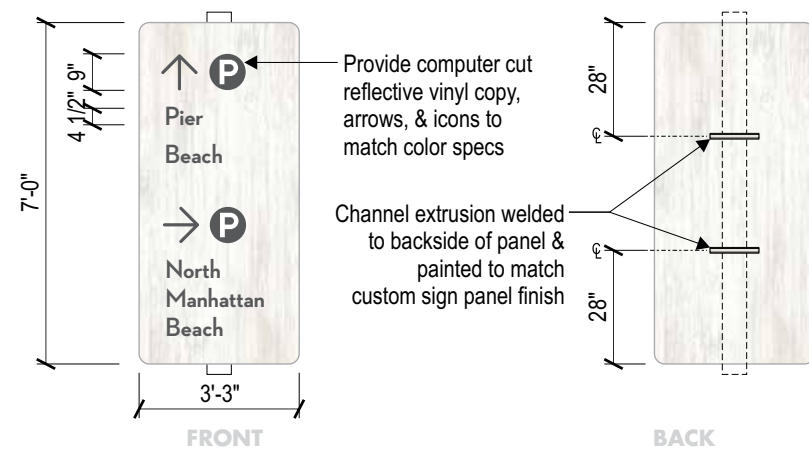


**2 TYPICAL ELEVATIONS**  
 Scale: NTS



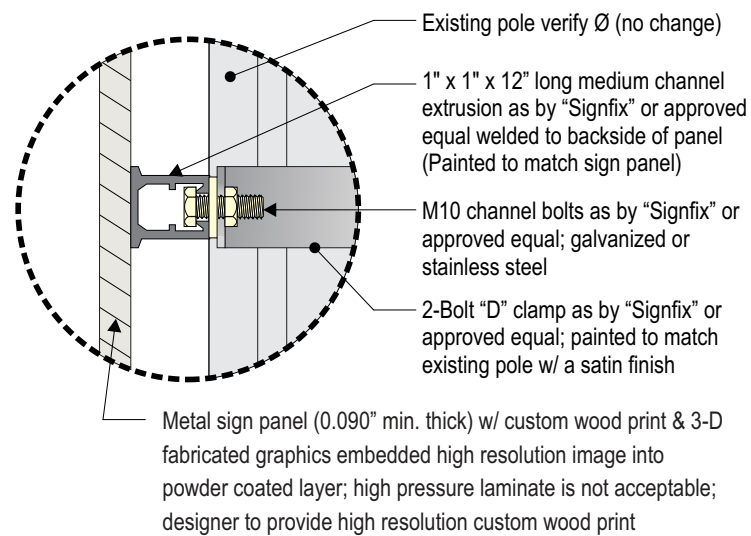
**3 TYPICAL PLAN VIEW**  
 Scale: NTS





## 1 FRONT & BACK ELEVATIONS

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



2-Bolt "D" clamp (Painted to match existing pole w/ a satin finish)



1" x 1" x 12" long medium channel (SIGNFIX) extrusion welded to backside of panel (Painted to match sign panel w/ a satin finish)

## 2 SIDE SECTION & DETAIL

scale: NTS

## 3 HARDWARE DETAILS

scale: NTS



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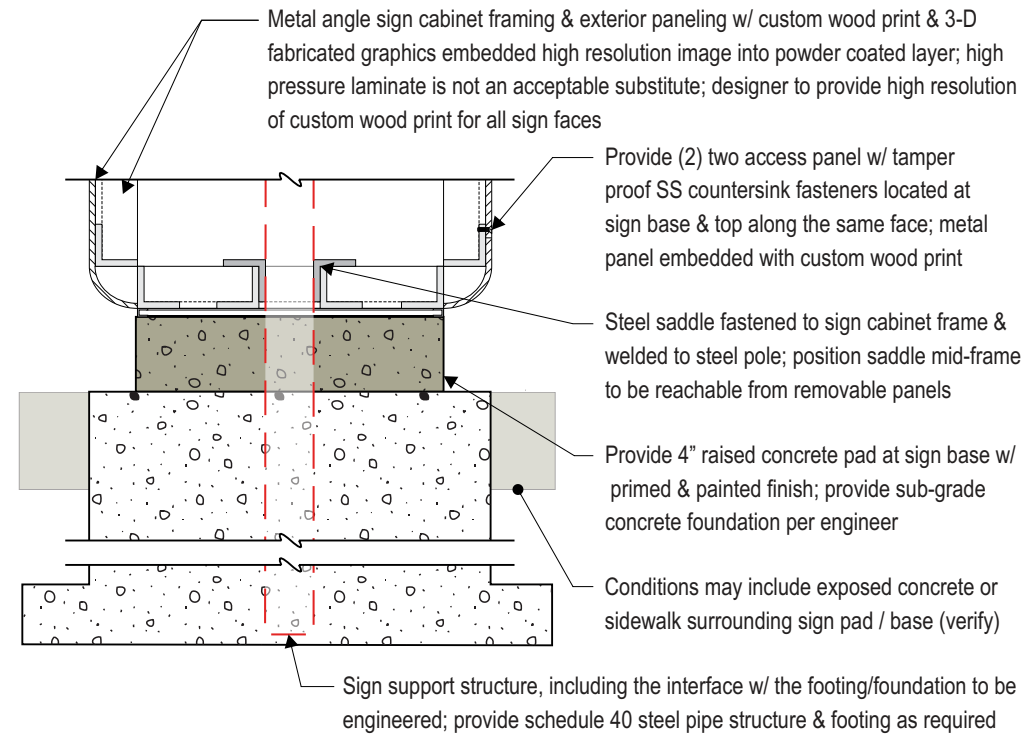
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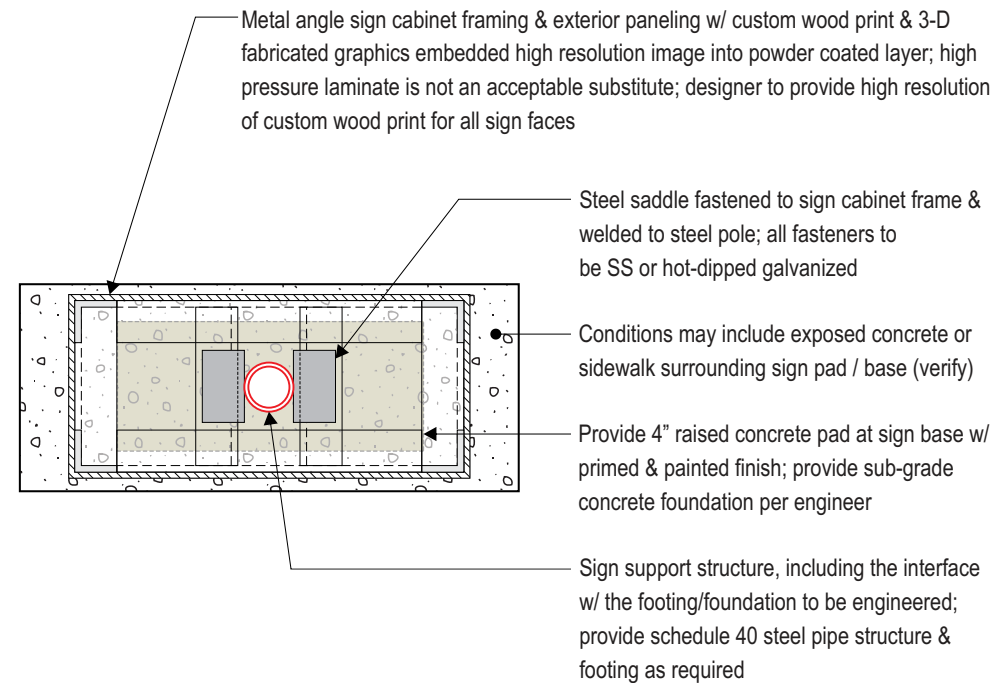
DESCRIPTION

B01 VEHICLE DIRECTION

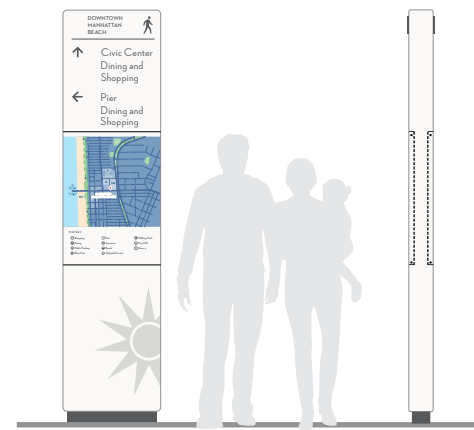




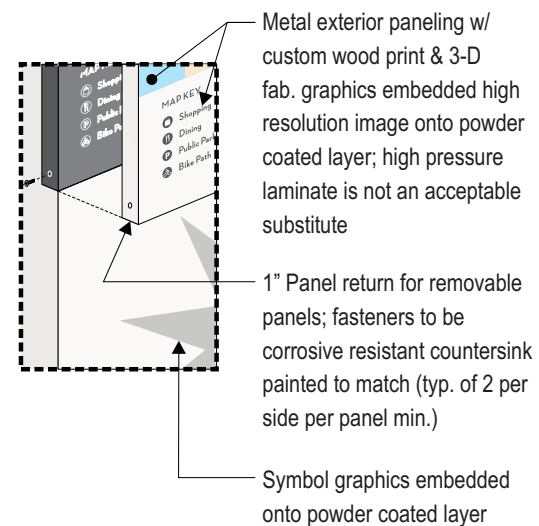
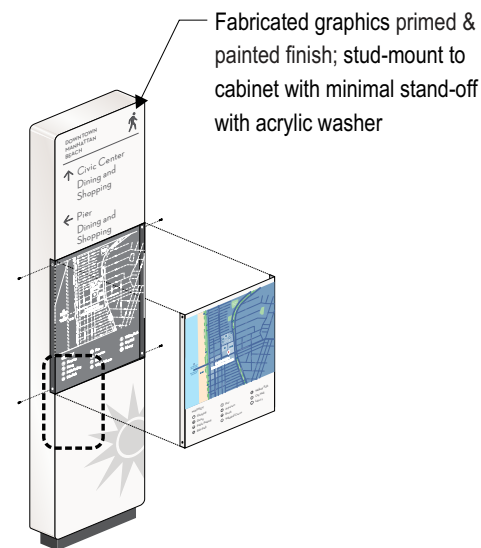
**4** **TYPICAL FRONT DETAIL - FREESTANDING SIGNS**  
scale: NTS



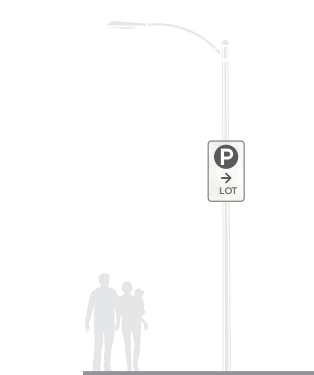
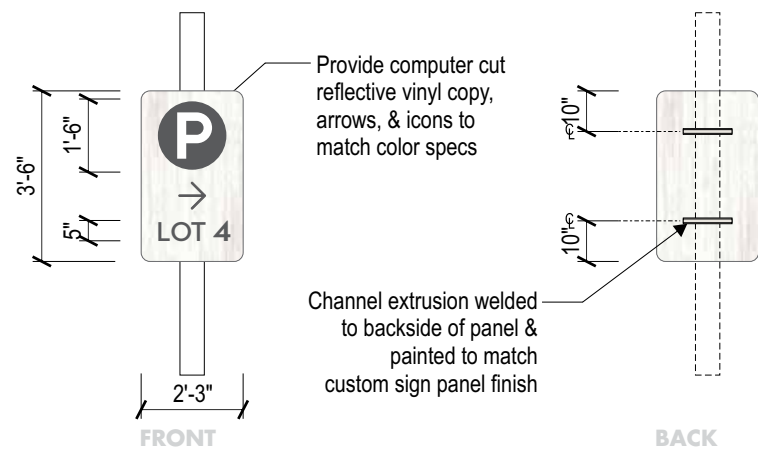
**5** **TYPICAL PLAN VIEW DETAIL**  
scale: NTS



**PEDESTRIAN DIRECTION**  
**FREESTANDING** **B05**



**6** **ISOMETRIC & DETAIL**  
scale: NTS

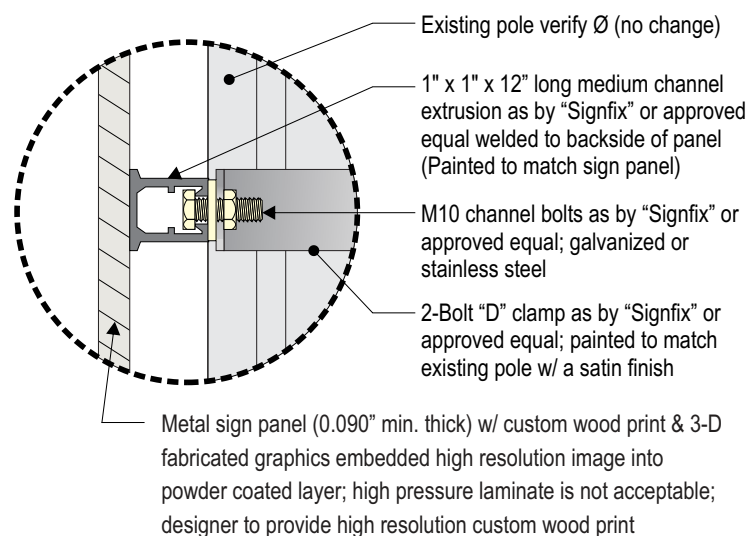


**PARKING DIRECTION**

B07

## 1 FRONT & BACK ELEVATIONS

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



2-Bolt "D" clamp (Painted to match existing pole w/ a satin finish)



1" x 1" x 12" long medium channel (SIGNFIX) extrusion welded to backside of panel (Painted to match sign panel w/ a satin finish)

## 2 SIDE SECTION & DETAIL

scale: NTS

## 3 HARDWARE DETAILS

scale: NTS



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**DESCRIPTION**

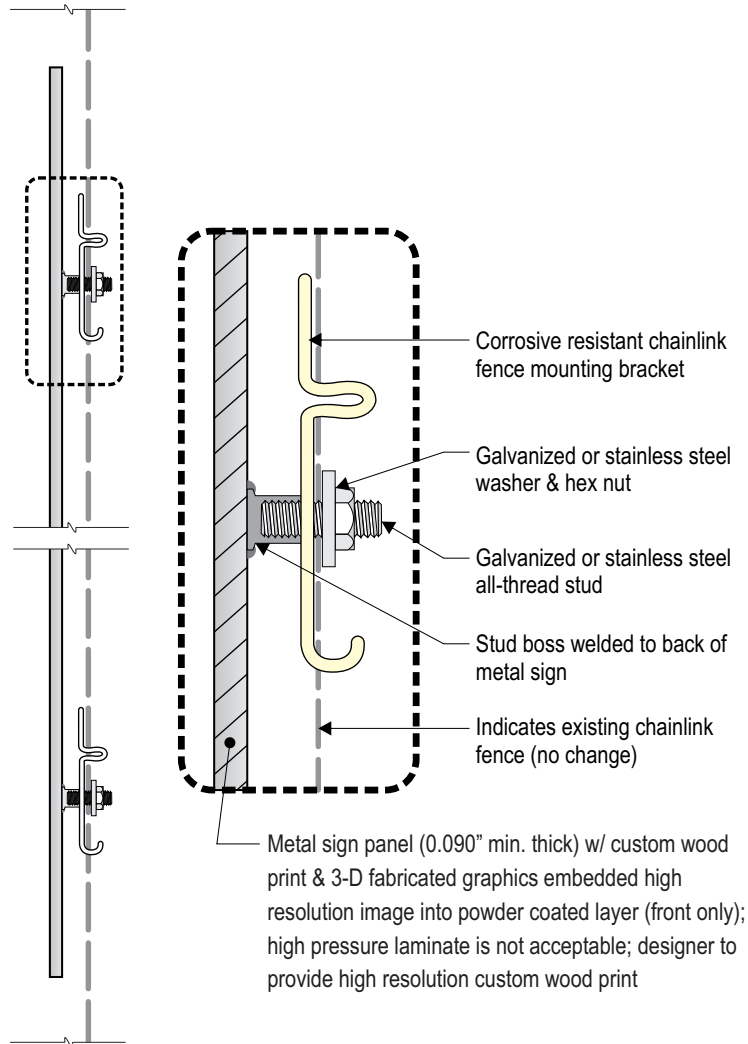
B07 PARKING DIRECTION



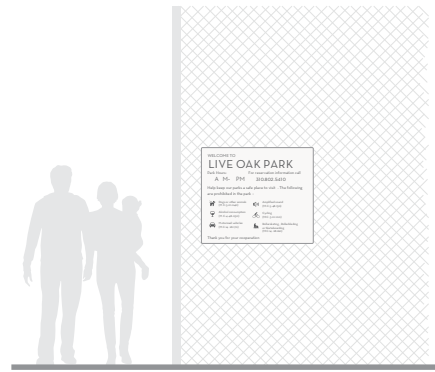




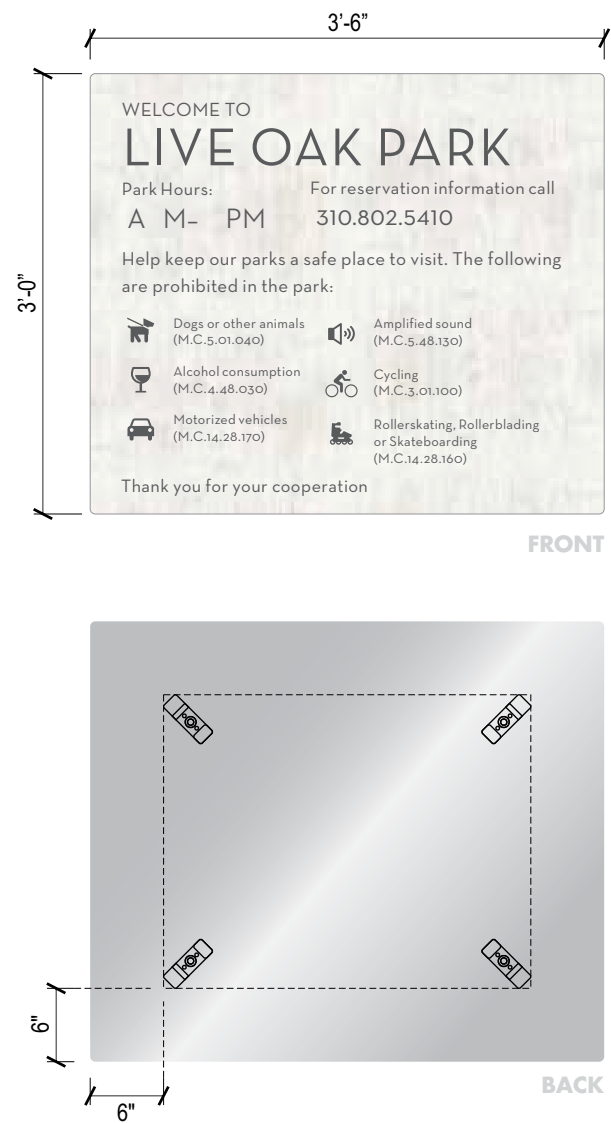
**1 SAMPLE**  
scale: NTS



**2 SIDE SECTION & DETAIL**  
scale: 3/4" = 1'-0"



**REGULATIONS**  
**FENCE/WALL** **D11**



**2 FRONT & BACK ELEVATION DETAIL**  
scale: 3/4" = 1'-0"

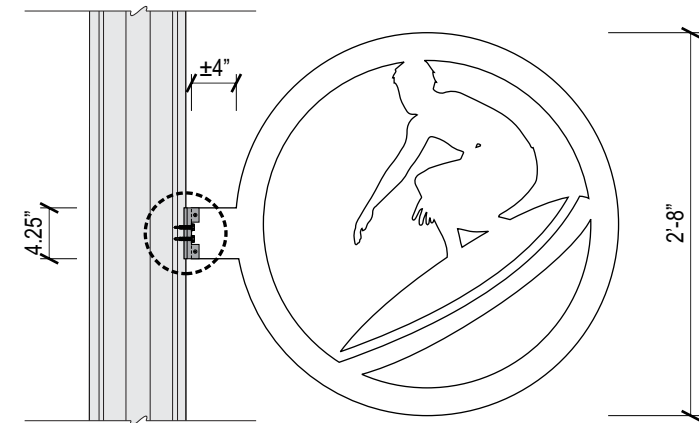
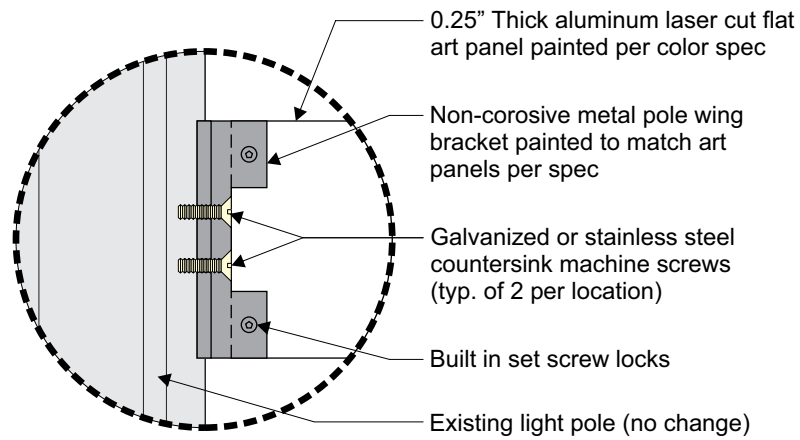






# 1 EXISTING CONDITION

scale: NTS



# 2 SIDE SECTION & DETAIL

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



# LIGHT POLE ART

E01



# 3 HARDWARE DETAILS

scale: NTS



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DESCRIPTION

E01 LIGHT POLE ART

