

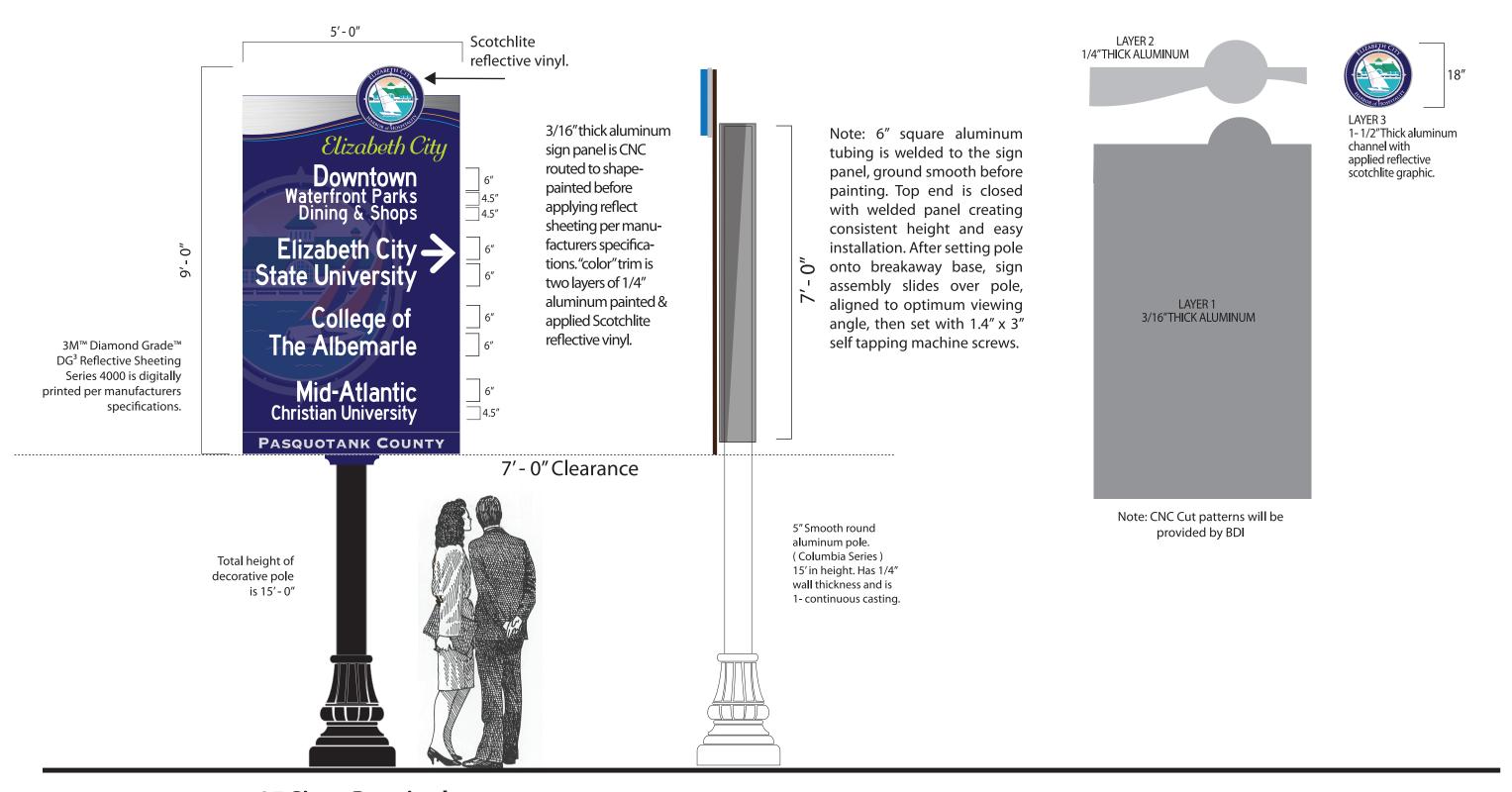
Town of Elizabeth City, NC Boulevard Wayfinding Program / Bid Package January 27, 2021



Wayfinding / Sign Types

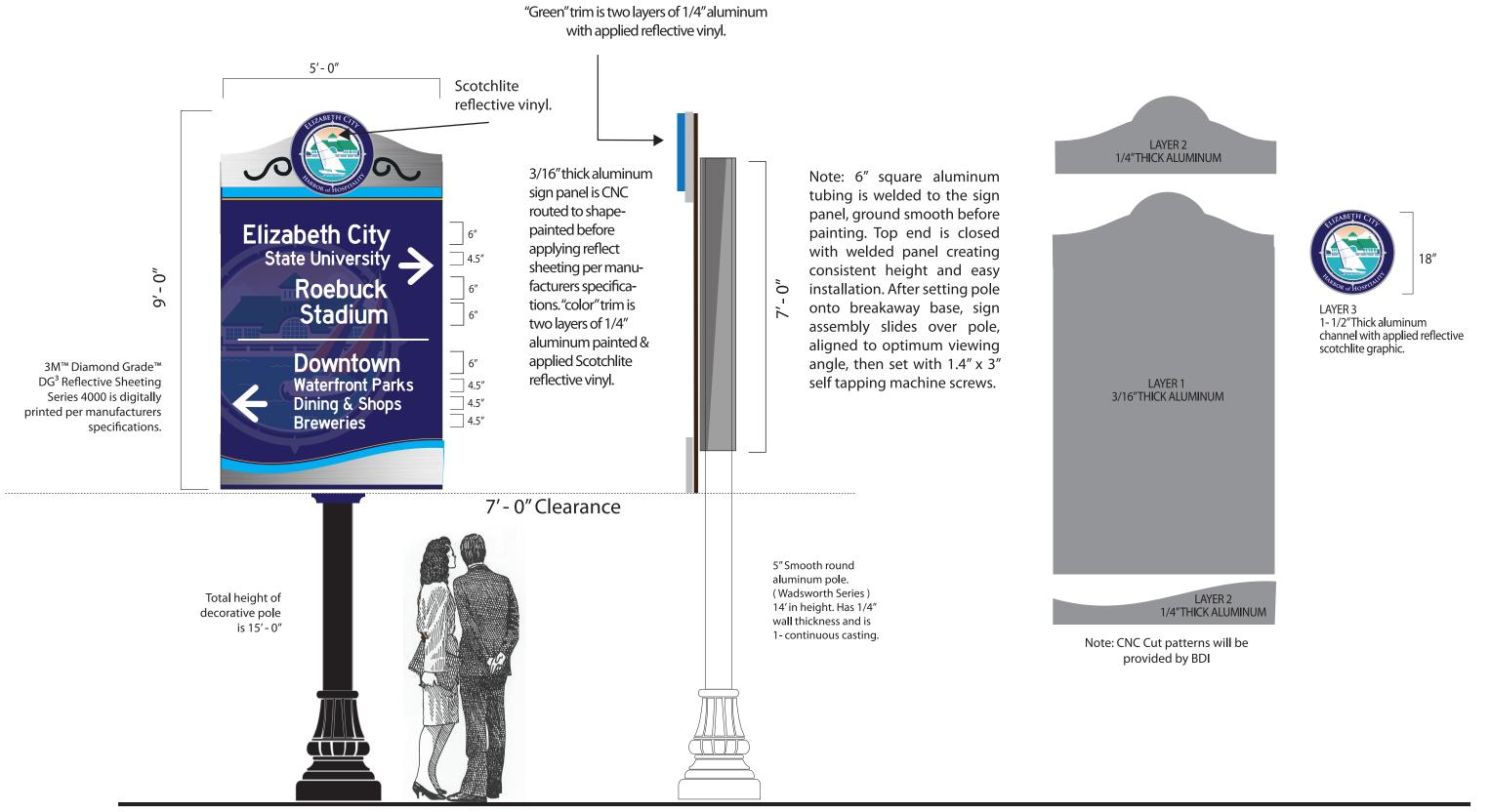


Boulevard Wayfinding/ Fabrication Details



25 Signs Required.

Boulevard Wayfinding / Downtown Location / Fabrication Details



3 Signs Required.

Note: Final messaging may change slightly. BDI will provide full scale (ai) patterns for cutting and printing.

Downtown Wayfinding / Sign Types

2'-6" x 4'-0"







Cast aluminum pole mount bracket provides a flat surface for sign placement use two brackets per pole.

SHR-3"-DF-SF SHR-4"-DF-SF

2'-6" x 4'-0"

Pedestrian Wayfinding 1 Sign Required.

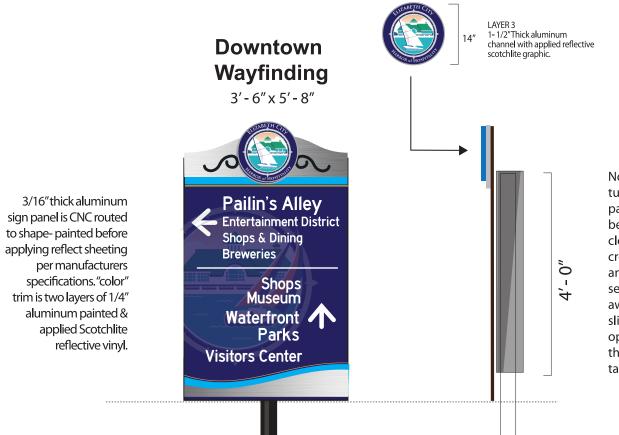
Walk To Pailin's Alley Entertainment District Shops & Dining Library ← Breweries →

Note: 5" Note: Both designs for the pedestrian wayfinding signs are 1layer of 3/16" aluminum plate with applied3M™ Diamond Grade[™] DG³ **Reflective Sheeting Series** 4000 is digitally printed per manufacturers specifications.

Double Sided

3" Smooth square aluminum pole. Has 1/4" wall thickness.

NCDOT considers this as a breakaway post.



Note: 5" square aluminum tubing is welded to the sign panel, ground smooth before painting. Top end is closed with welded panel creating consistent height and easy installation. After setting pole onto breakaway base, sign assembly slides over pole, aligned to optimum viewing angle, then set with 1.4" x 3" self tapping machine screws.

4" Smooth round aluminum pole. (Charleston Series) 12' in height. Has 1/4"

wall thickness and is

1- continuous casting.

Note: CNC Cut patterns will be provided by BDI

LAYER 2 1/4"THICK ALUMINUM

2'-6" x 4'-0"

LAYER 2 1/4"THICK ALUMINUM

LAYER 1 3/16"THICK ALUMINUM

6 Signs Required.

Total height of

decorative pole

is 12' - 0"

Sign Panel Paint & Print Details Details

Note: A 1/2 Scale fully 5'-0" fabricated sign panel will be required within 2 weeks of bid acceptance for Scotchlite Designer/City approval. reflective vinyl. **Pantone** 2955-C Elizabeth City State University Note: Pantone colors are **Pantone** used as a guide for color 2184-C matching digital prints. Roebuck Back of sign is painted Matthews® black Stadium w/ satin finish. Note: If two prints are needed, create the seam at the copy dividing line. Overlap seam per manu-Downtown facturers specifications. Scotchlite **Waterfront Parks** Reflective Dining & Shops **Breweries** Note: Surfaces appearing as brushed aluminum are actually non-printed 3M Scotchlite® reflective vinyl. Blue strip is printed.

3M[™] Diamond Grade[™]

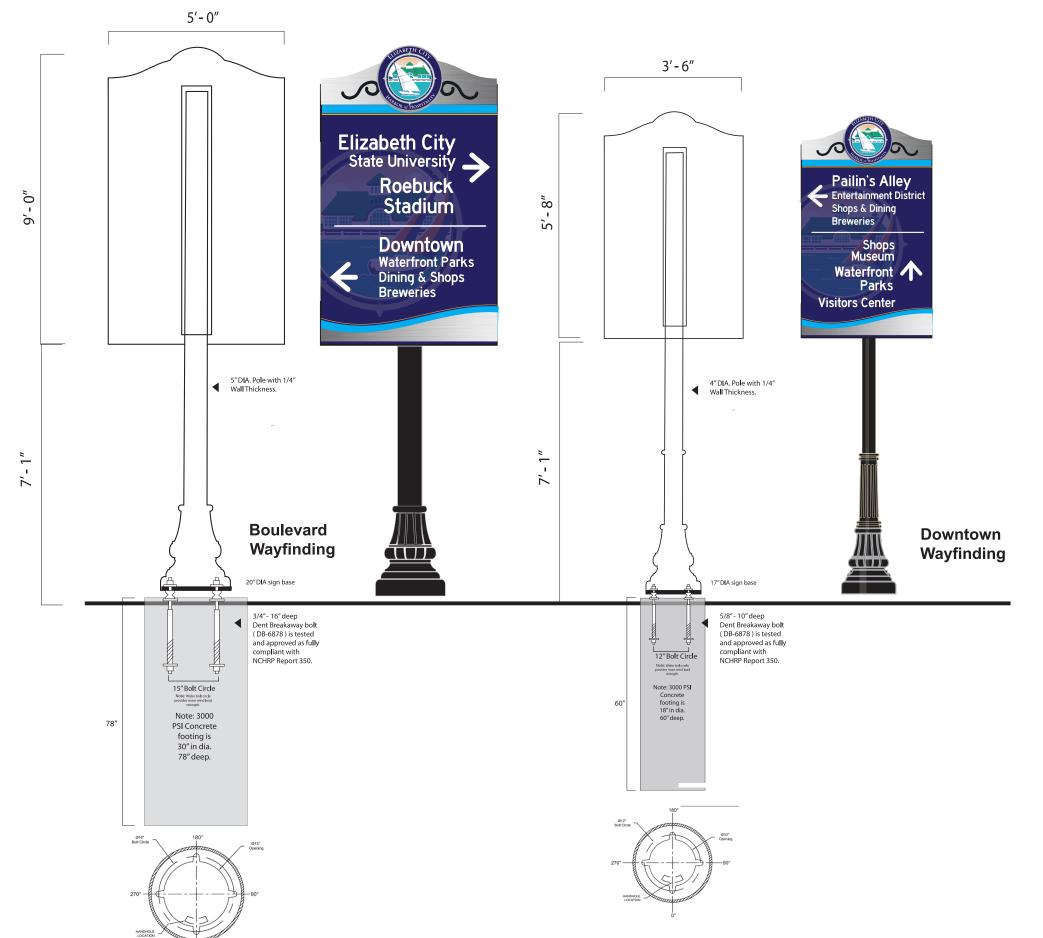
DG³ Reflective Sheeting

printed per manufacturers

Series 4000 is digitally

specifications.

Wind Load / Footing Details



Safety and professional sign industry practices must be met regarding site location staking. Underground utility and cable locations performed at each site.

The performance of subsurface testing and utility location is wholly and solely the responsibility of the selected sign contractor. Should undesirable conditions be found, an alternate location for the sign should be selected as the first option. If no options for repositioning are available in the case of utilities, hydro boring can be an option. A change order must be approved before additional work begins.

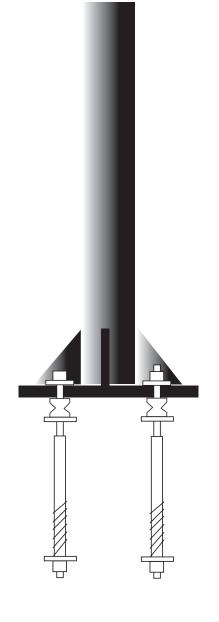
All footings are to be poured as shown in engineers final wind load drawings following listed PSI grade concrete poured within a form 1" above grade with trowel formed top surface embedding the gravel and beveled edges unless otherwise specified.

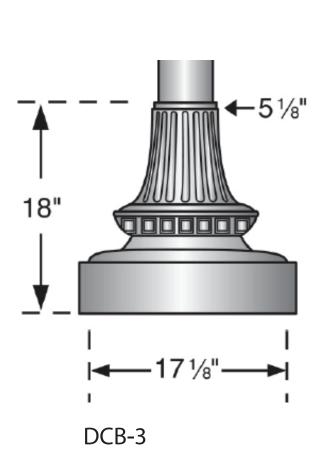
Breakaway bolts will be pre-mounted to pole base template to assure proper alignment. Footings should cure at least 5 days before poles are mounted.

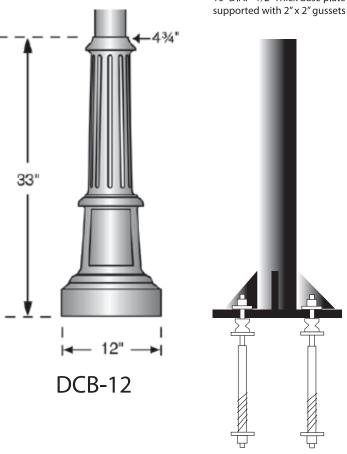
Sign installer must have advance knowledge of site conditions based on experience installing in the area. Minimum modifications to locations due to utilities are considered standard industry practice and are a part of the installation process. Site conditions needing additional adjustments above bid costs must be approved by the ECB representative submitting a change order.

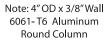
Note: 5" OD x 3/8" Wall 6061-T6 Aluminum Round Column

17" DIA. - 1/2" Thick base plate supported with 2" x 2" gussets









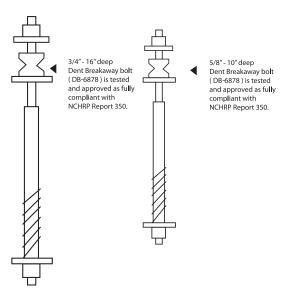
10" DIA. - 1/2" Thick base plate supported with 2" x 2" gussets



Note: A sign pole that looks like the styles selected can be substituted with approval of BDI. If an alternate is selected stamped engineering wind load calculations must be provided by the sign fabricator.

Key to wind stability is the bolt circle distance pattern.

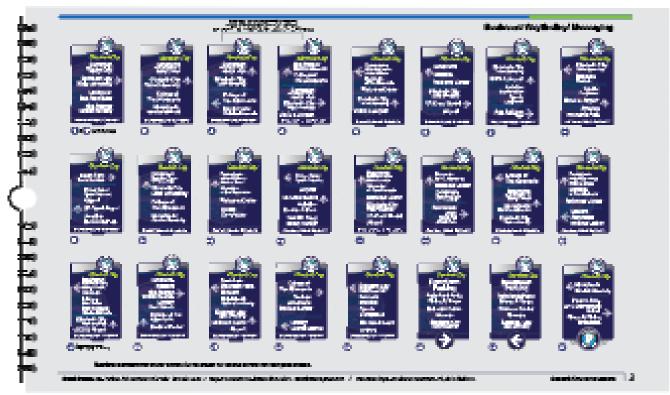
Dent Breakaway Bolt



Installation Guide Books

NCDOT approval and encroachment agreements are already in process and will be in place before the project is awarded. Each sign has fully developed messaging and directional arrows. BDI will provide full scale (ai) vector files for CNC cutting and for printing of each sign shape and size per specifications. These files will be used as templates for your final layout and shop drawing process.

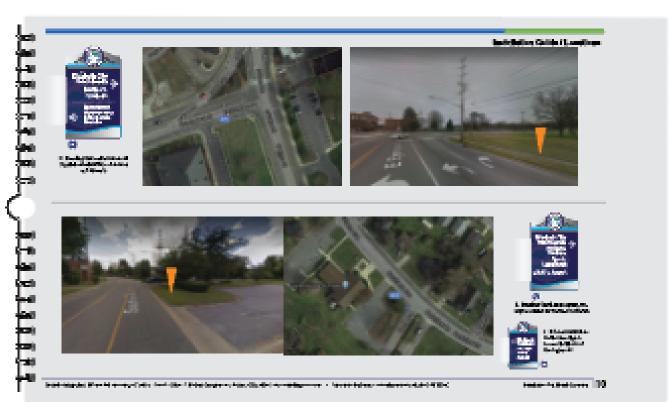
All sign locations are identified by letter with directional messaging and layout in place. Map locations are noted for each sign location with approximate distances from stop lines or intersections. The street elevations are also included.



Each sign required has fully developed messaging and directional arrows.



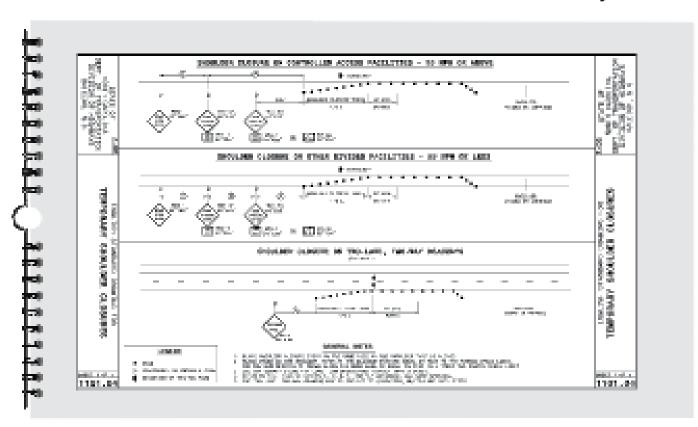
Each sign required has an exact location.

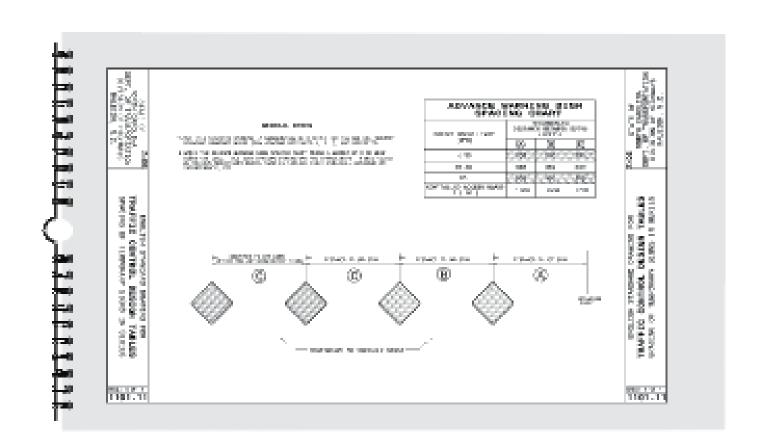


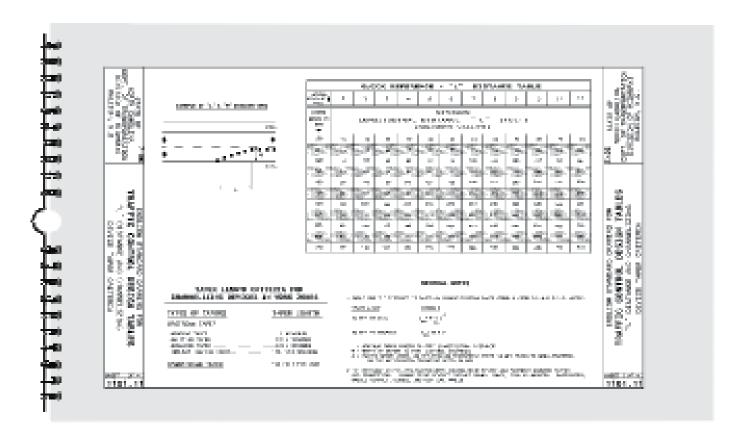
Each sign required has an exact location.

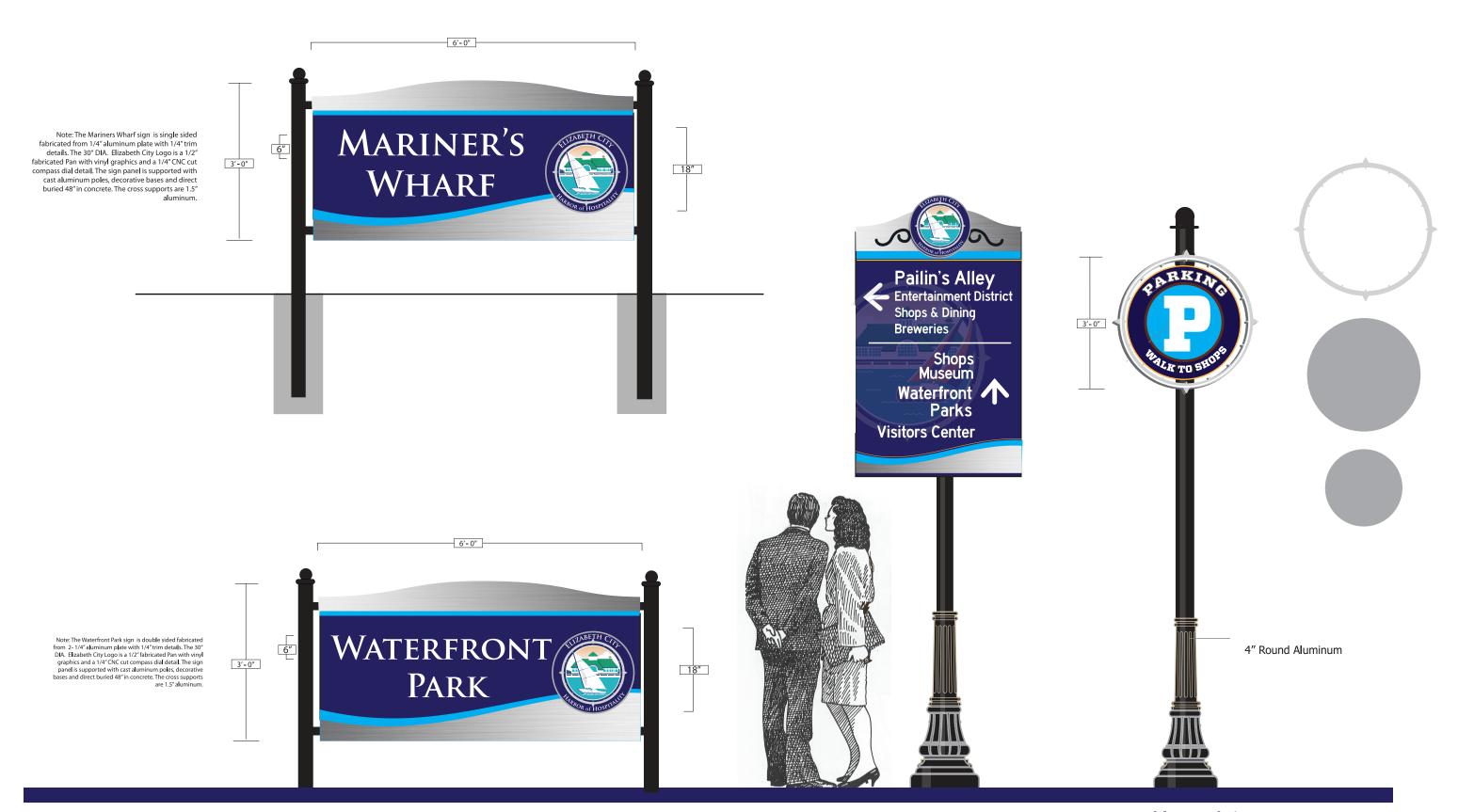
NCDOT Traffic Safety Guidelines

Safety and professional sign industry practices must be met regarding worksite management and traffic control. At a minimum, if trucks and equipment can be positioned off the road, warning cones must be placed. If it is necessary to block a travel lane use the following NCDOT instructions for lane closure management. This requires using live flag team if on a two way road.









10 - Double Faced Signs Req.