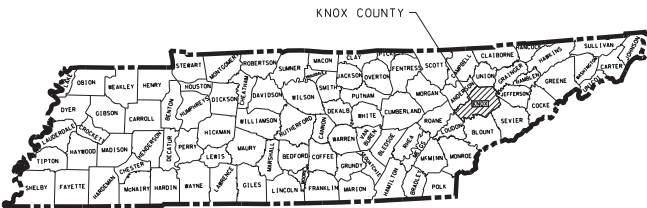


CITY OF KNOXVILLE  
DOWNTOWN WAYFINDING

WAYFINDING AND SIGNAGE PROGRAM  
KNOX COUNTY, TENNESSEE

"LOCALLY MANAGED PROJECT"

STATE PE #: 47 LPLM-F1-087  
STATE ROW #: 47 LPLM-F2-088  
STATE CONST #: 47 LPLM-F3-076  
FEDERAL PROJECT #: STP-M-9109(151)



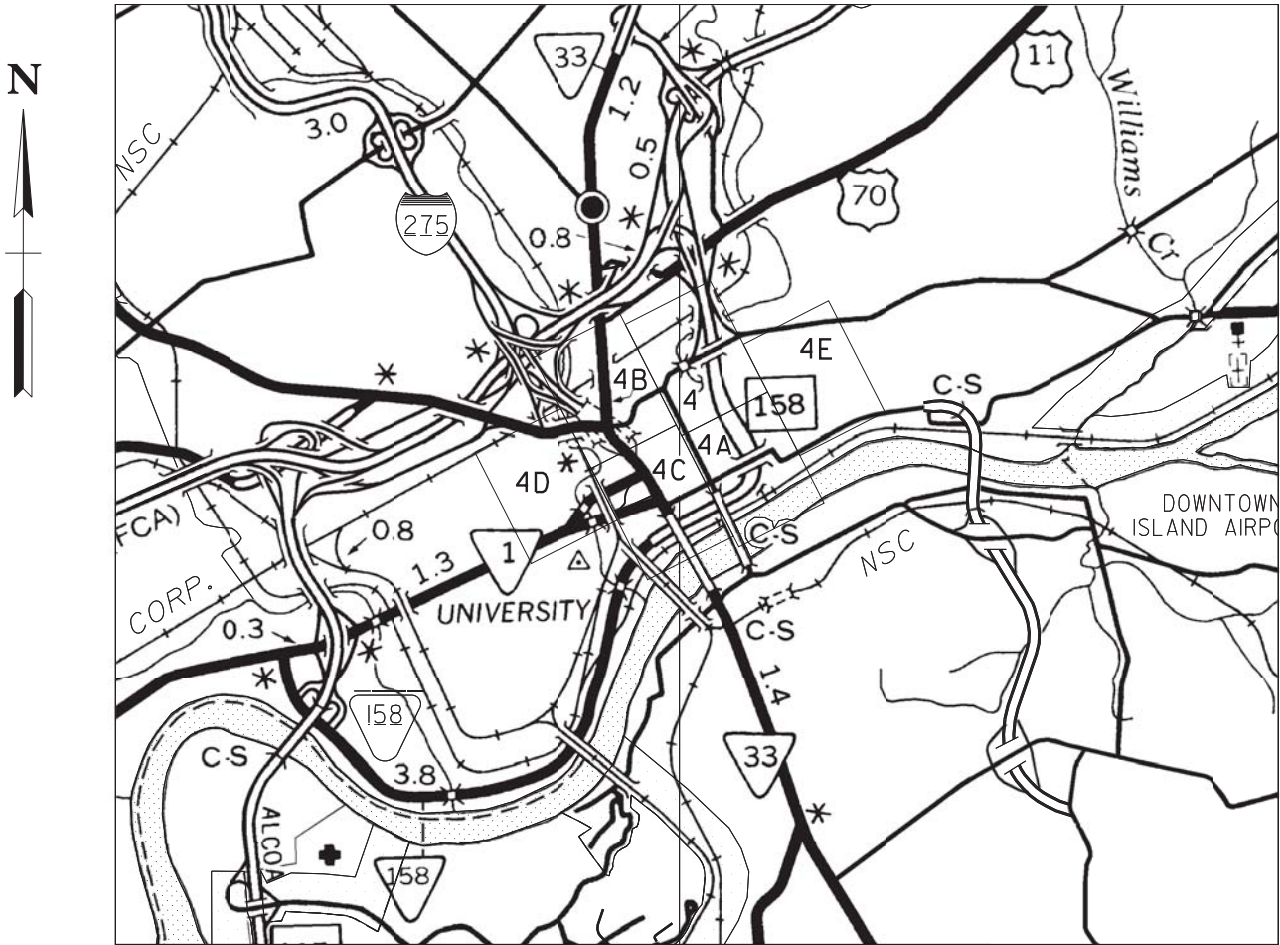
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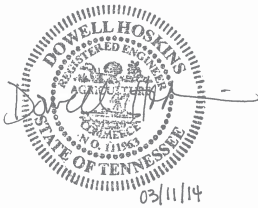
CONSTRUCTION



NOT TO SCALE

NOTES:

1. THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.
2. CONTRACTOR TO OBTAIN TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) STANDARD DRAWINGS. ALL STANDARD DRAWINGS LISTED IN THIS PROJECT ARE TDOT STANDARD DRAWINGS.



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(866)539-7192 FAX  
CONTACT: DOWELL HOSKINS-SQUIER, P.E.

APPROVED BY: CITY OF KNOXVILLE

P.I.N.: 115585.00

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TITLE SHEET

1

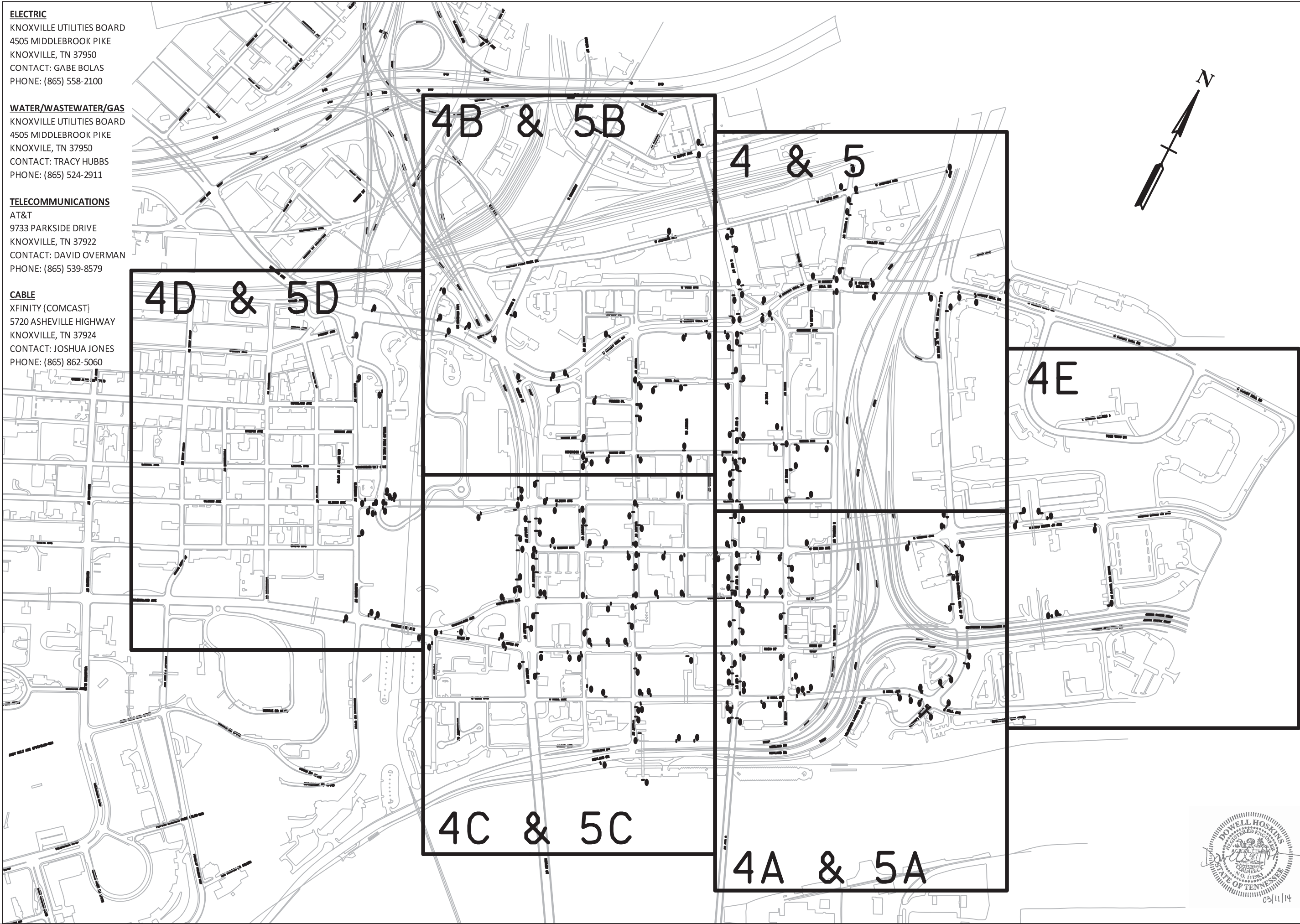
SCALE: N.T.S.  
PROJECT: 29279.00  
DATE: 2012

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4505 MIDDLEBROOK PIKE  
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PHONE: (865) 558-2100

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KNOXVILLE, TN 37922  
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PHONE: (865) 539-8579

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XFINITY (COMCAST)  
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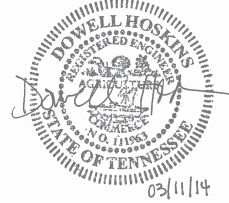
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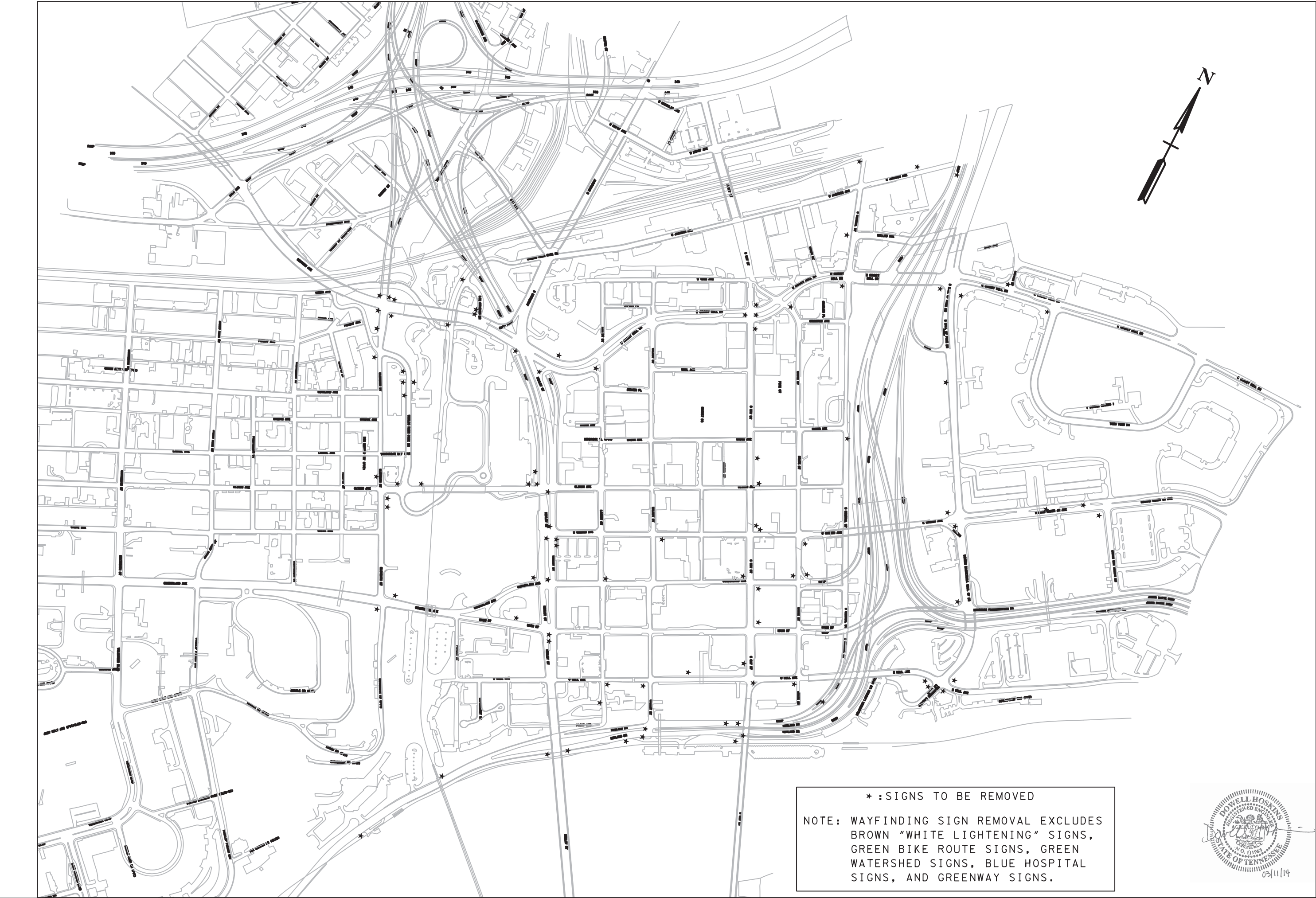
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DOWNTOWN WAYFINDING  
KNOXVILLE, TENNESSEE

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No.	Date	Revision

PROJECT OVERVIEW







\* :SIGNS TO BE REMOVED

NOTE: WAYFINDING SIGN REMOVAL EXCLUDES BROWN "WHITE LIGHTENING" SIGNS, GREEN BIKE ROUTE SIGNS, GREEN WATERSHED SIGNS, BLUE HOSPITAL SIGNS, AND GREENWAY SIGNS.



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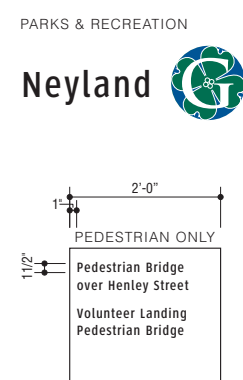
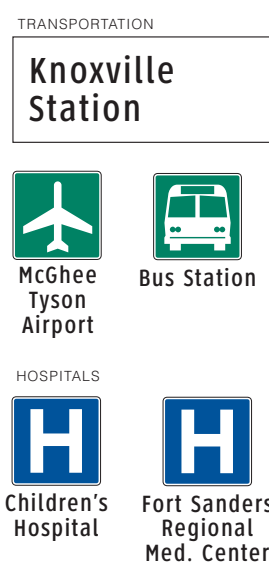
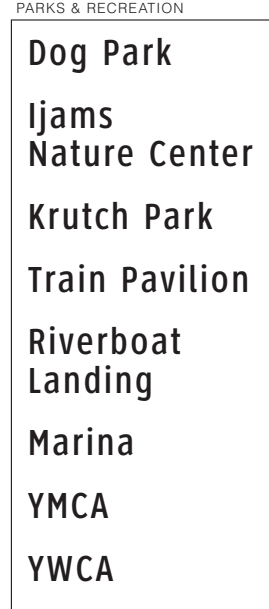
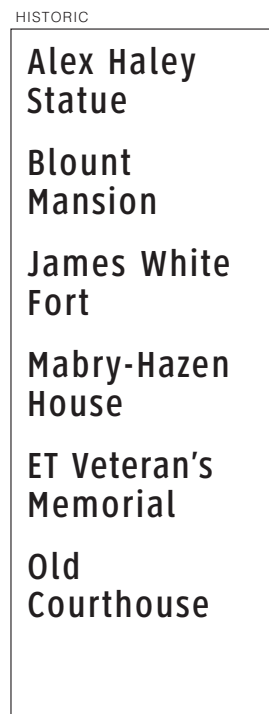
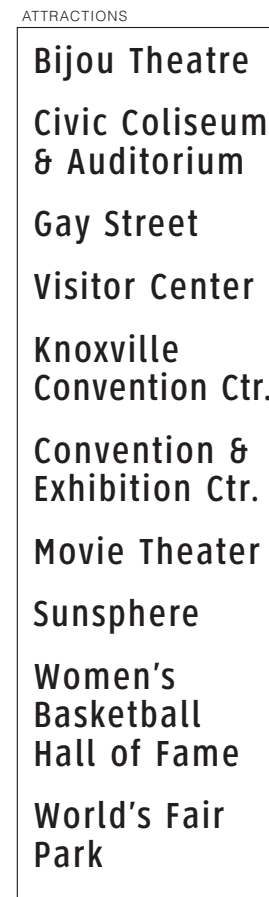
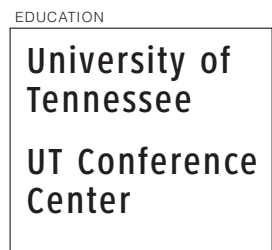
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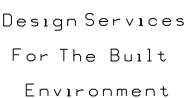
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SIGN REMOVAL



3rd Creek

**All type shall be set exactly as specified.**



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KNOX COUNTY, TENNESSEE

[illegible]

VEHICULAR WORD BREAKS

## A.5

PROJECT: 29279.00  
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## B. Menu of Sign Types







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## SIGN TYPES

## PARKING DIRECTIONAL

PARK.1  
PARK.1A  
PARK.2  
PARK.3  
PARK.4  
PARK.5  
PARK.6

## PEDESTRIAN KIOSK

## KIOSK.1

## PEDESTRIAN DIRECTIONAL

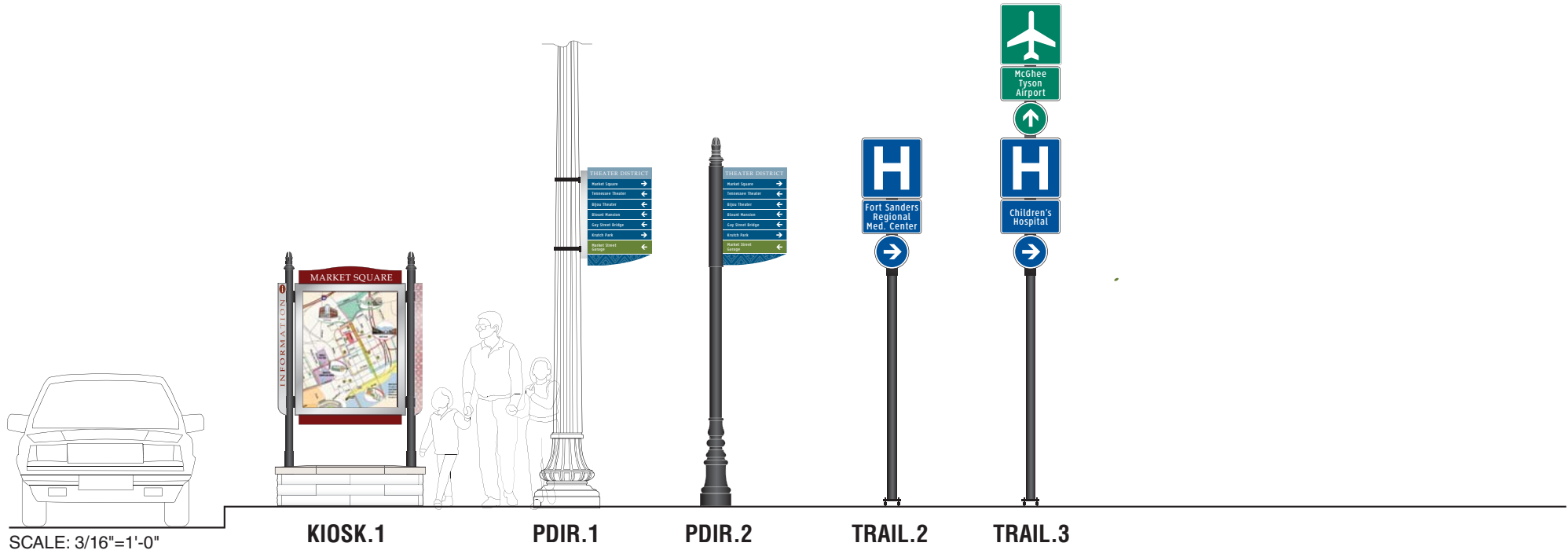
PDIR.1  
PDIR.2

## TRAILBLAZER

TRAIL.2  
TRAIL.3  
TRAIL.4  
TRAIL.5

## DEPARTURE DIRECTIONAL

DEPT.1

[illegible]

## MENU OF SIGN TYPES

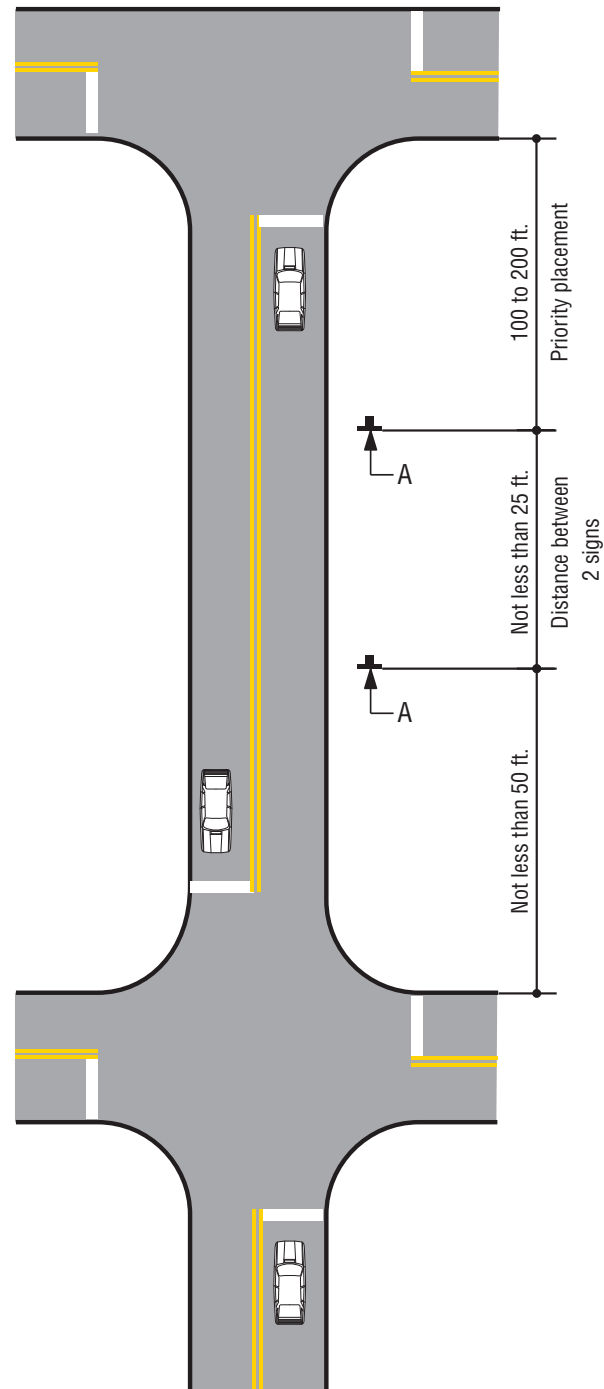
## B.2

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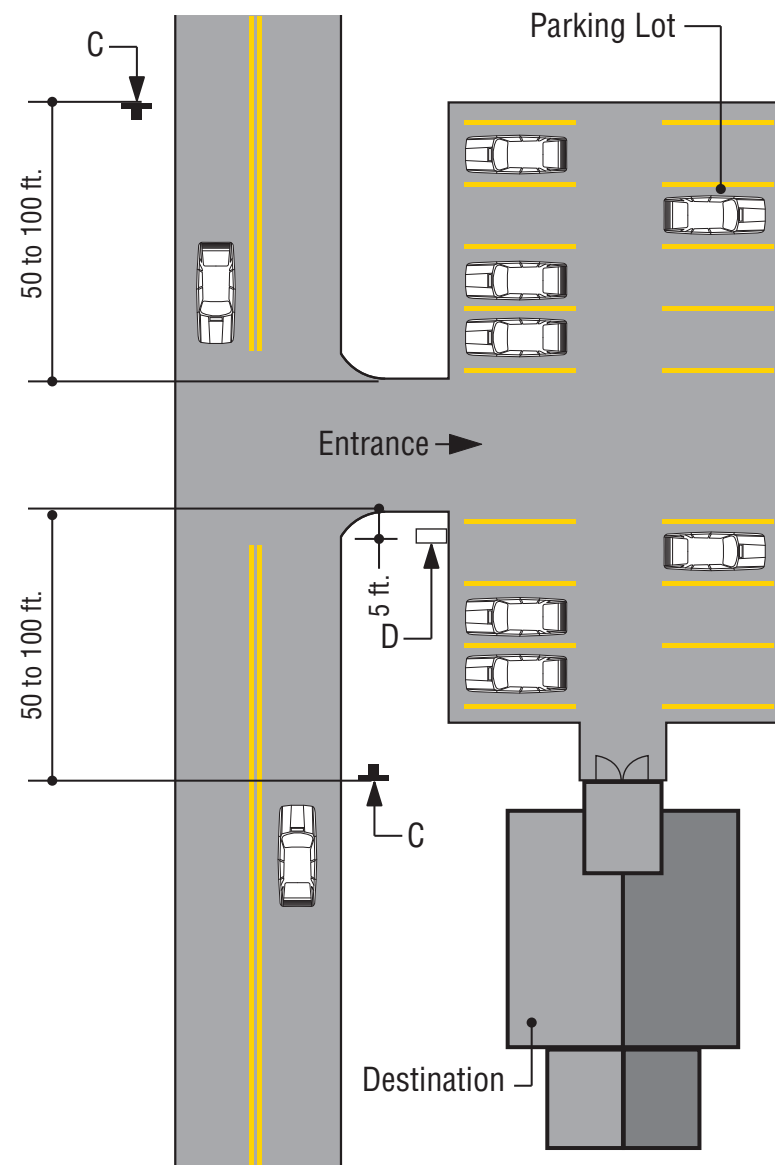
### C. Placement Guidelines



**Sign A: VDIR.1-VDIR.6, TRAIL.1-TRAIL.2**



Sign C: PARK.1-PARK.2  
Sign D: PARK.3



**FIGURE 1 – Vehicular Directional - Sign Placement Guideline**  
**FIGURE 2 – Parking Directional Guideline**

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 6 represent the guidelines for the location of the various sign types, while Figure 8 illustrates the lateral clearance guidelines.



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KNOX COUNTY, TENNESSEE

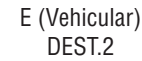
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C.1

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Sign E: DEST.1



**Sign A: VDIR.1-VDIR.6, TRAIL.1-TRAIL.2**



**FIGURE 3 – Destination Arrival-Vehicular/Pedestrian - Sign Placement Guideline**

**FIGURE 4 – Vehicular Directional - Sign Placement Guideline**

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(d) There should be a goal of one sign per block, although two are permissible, where necessary.



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[illegible]

A circular professional engineer seal for the State of Tennessee. The outer ring contains the text "DOWELL HOSKINS" at the top and "STATE OF TENNESSEE" at the bottom. Inside the ring, the text "REGISTERED ENGINEER" is at the top and "AGRICULTURE" is at the bottom. In the center, there is a small emblem featuring a plow and a sheaf of wheat. Below the emblem, the text "COMMERCIAL" and "NO. 111963" are visible. A handwritten signature "D. Hoskins" is written across the seal. The date "03/11/14" is handwritten in the bottom right corner.

PROJECT: 29279.00  
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Figure 5

Sign B: GATE.1, GATE.2

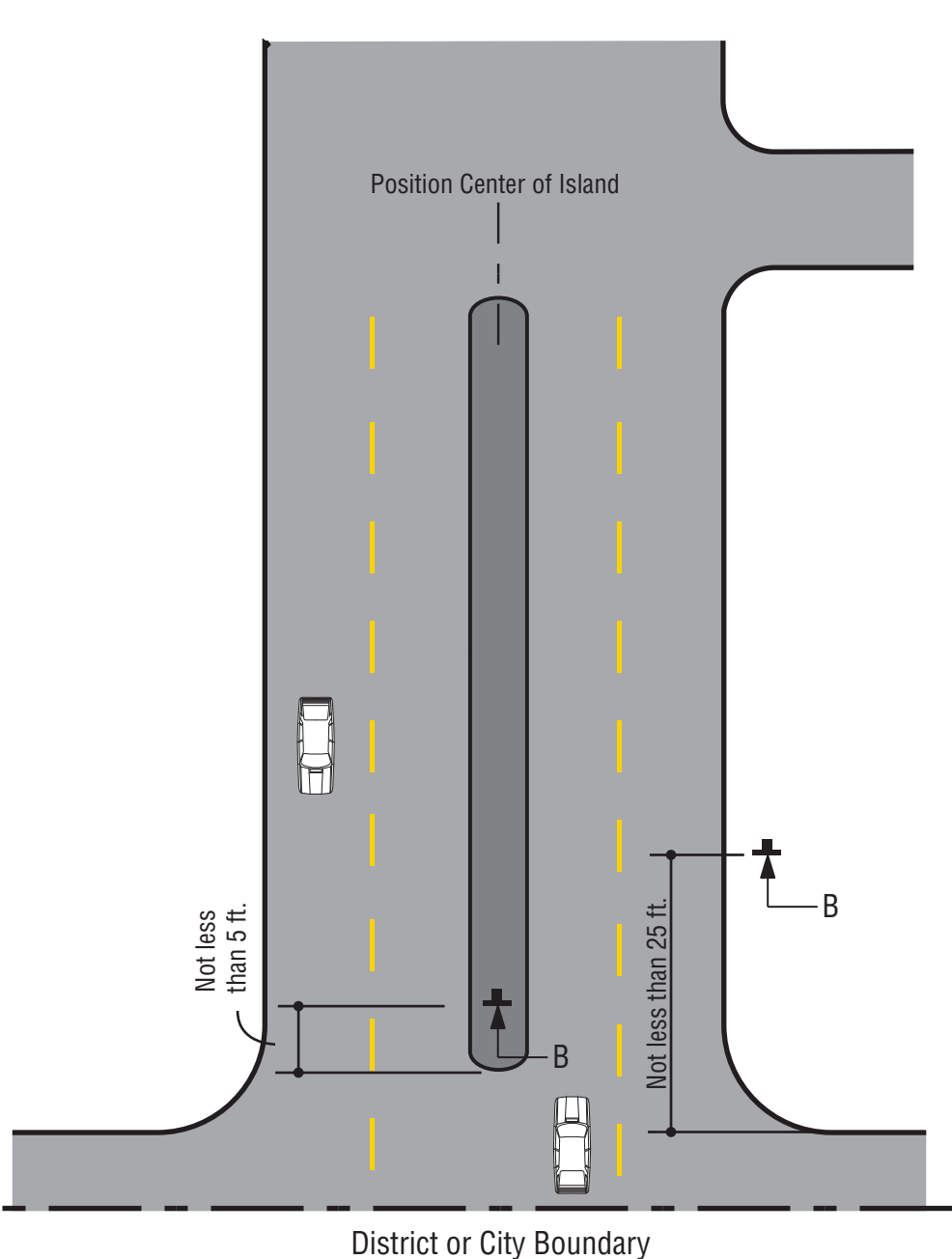
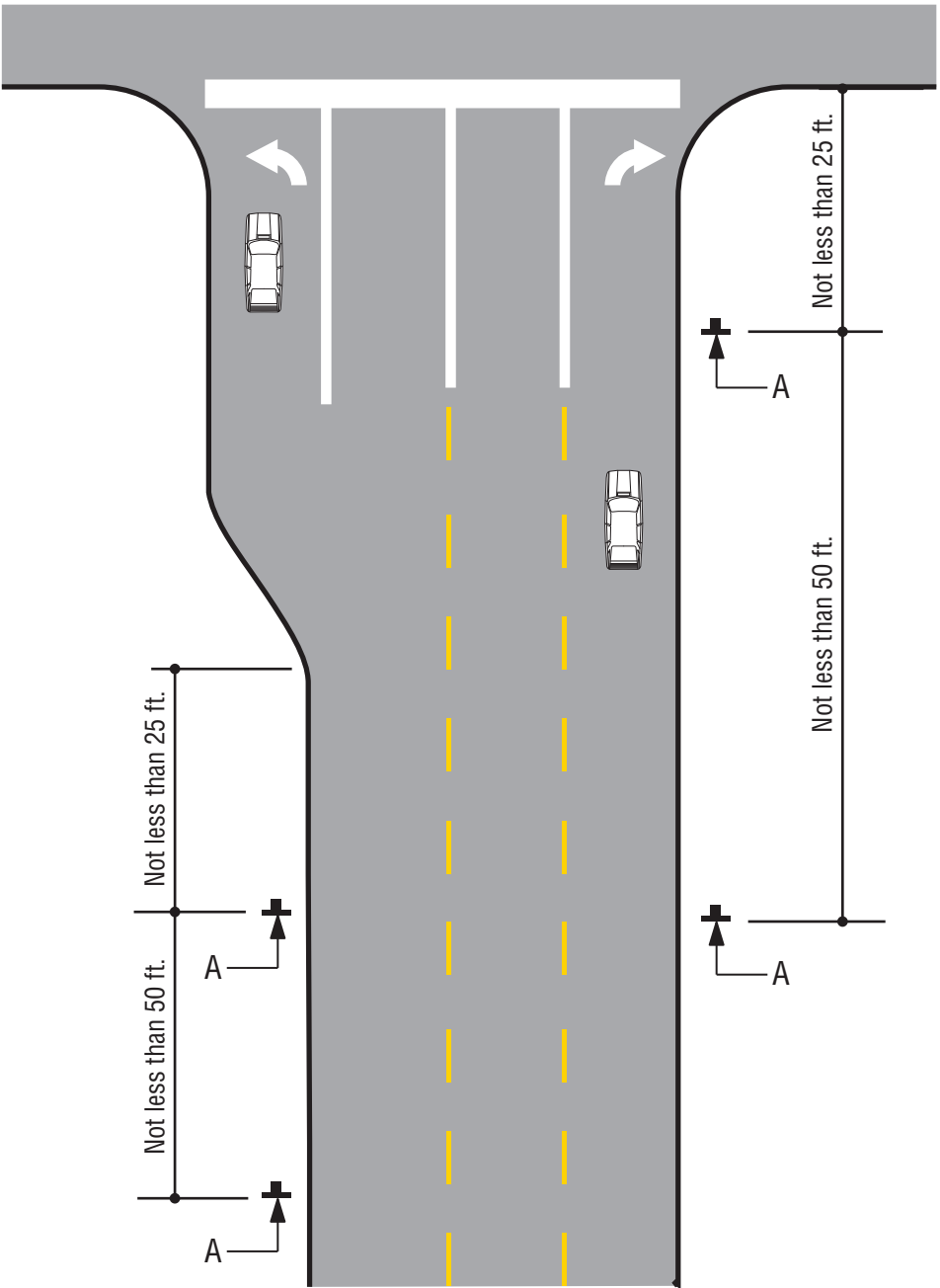


Figure 6

Sign A: VDIR.1-VDIR.6, TRAIL.2-TRAIL.5



SPECIFICATIONS

FIGURE 5 – Gateway/District Arrival-Vehicular - Sign Placement Guideline  
FIGURE 6 – Vehicular Directuional - Sign Placement Guideline

Unless approved by the City of Knoxville or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

- (a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the City right-of-way.
- (b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.
- (c) Wayfinding Signs should be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.
- (d) There should be a goal of one sign per block, although two are permissible, where necessary.

This page illustrates installation guidelines for the location and spacing of the various sign types. Figures 5 and 6 represent the guidelines for the location of the various sign types.



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GUIDELINES

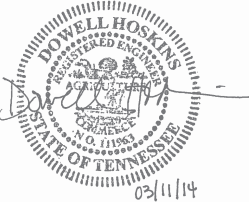
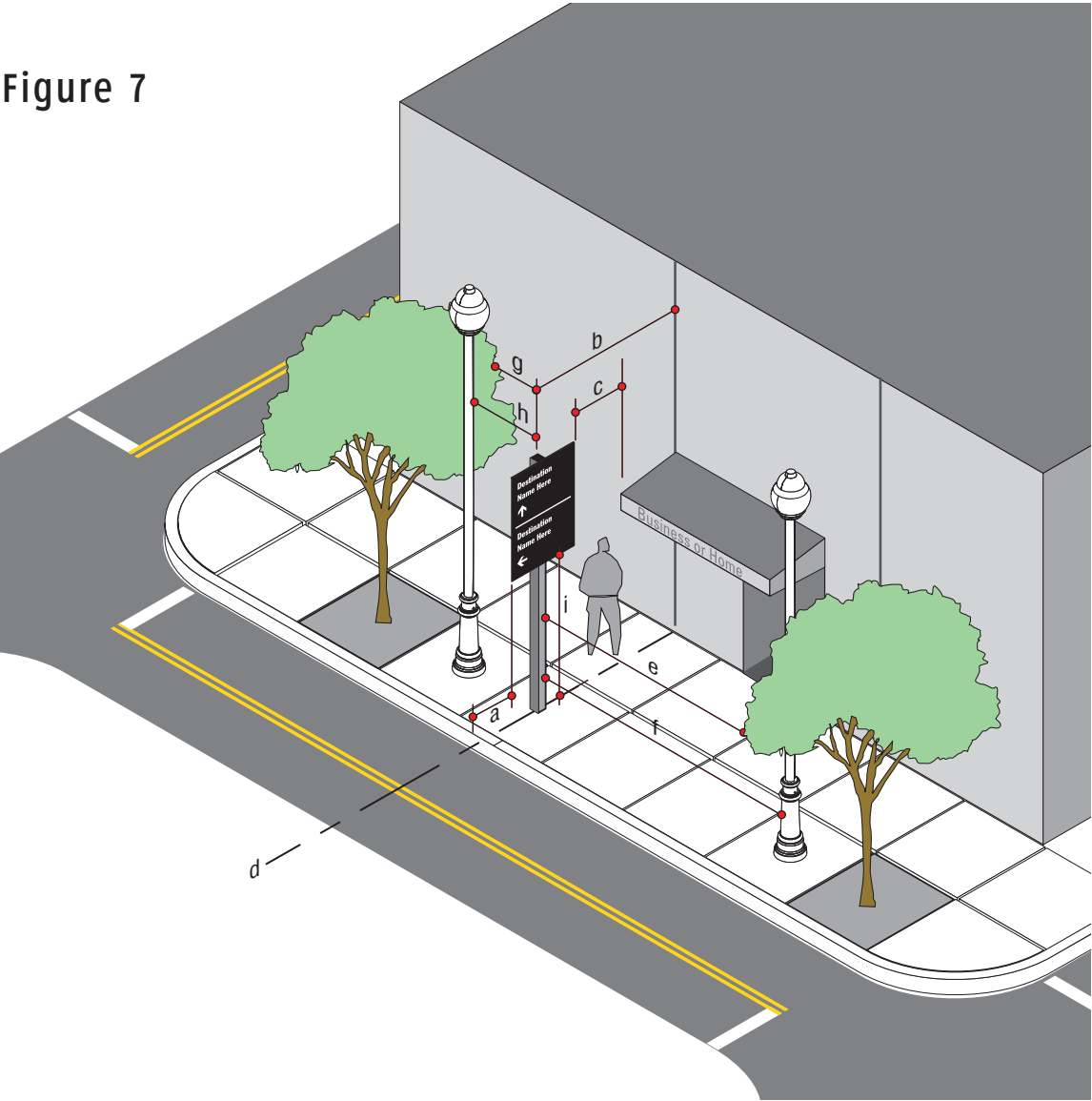


Figure 7



MEASUREMENT TYPE AND DESCRIPTION	PREFERRED DISTANCE	MINIMUM DISTANCE
<b>a:</b> Distance from edge of sign panel to edge of curb	2'-0" or more	1'-0"
<b>b:</b> Distance from sign post to nearest obstruction	5'-0" or more	ADA Min. 3'-0"
<b>c:</b> Distance from edge of sign panel to nearest overhead obstruction	4'-0" or more	1'-0"
<b>d:</b> Sign placement in relation to adjacent building	Align to building edge	Do not obstruct entrance
<b>e:</b> Distance from face of sign to nearest tree branch	20'-0" or more	15'-0"
<b>f:</b> Distance from face of sign to nearest utility pole	15'-0" or more	10'-0"
<b>g:</b> Distance from back of sign to nearest tree branch	8'-0" or more	3'-0"
<b>h:</b> Distance from back of sign to nearest utility pole	15'-0" or more	10'-0"
<b>i:</b> Distance from bottom of sign to grade/sidewalk	7'-6" to 8'-0"	7'-0"

Measurements and Distances shown are guidelines only. Prevailing local and state codes shall supersede information presented.

SPECIFICATIONS

FIGURE 7 – Clearance Guidelines

Within the City of Knoxville, urban conditions and narrow sidewalks may cause deviation from the standards articulated in the previous figures. Conditions may include less lateral clearance for the 2'-0" or 5'-0" preferred distance from edge of sign panel to curb, or placement at 2'-0" or 5'-0" would create an obstacle (i.e., a post positioned in middle of the sidewalk) or create situations of non-compliance to ADA clearances.

In these cases guidelines must be consistent with MUTCD Section 2A.19 options for urban areas.

Suggested recommendations for relocation of signs if placement is in conflict with guidelines:

- OPTION A:** Position the sign at a minimum of 2'-0" (face of curb to edge of sign panel) or 5'-0" (sign post to obstruction) as required.
- OPTION B:** If the sign can be moved, without disrupting routing or sequencing, then it should be repositioned to achieve the 2'-0" minimum.
- OPTION C:** If 2'-0" is not physically possible, then pole shall be shifted towards the curb to provide 3'-0" clearance per ADA, up to minimum 1'-0" distance from edge of sign to face on curb.



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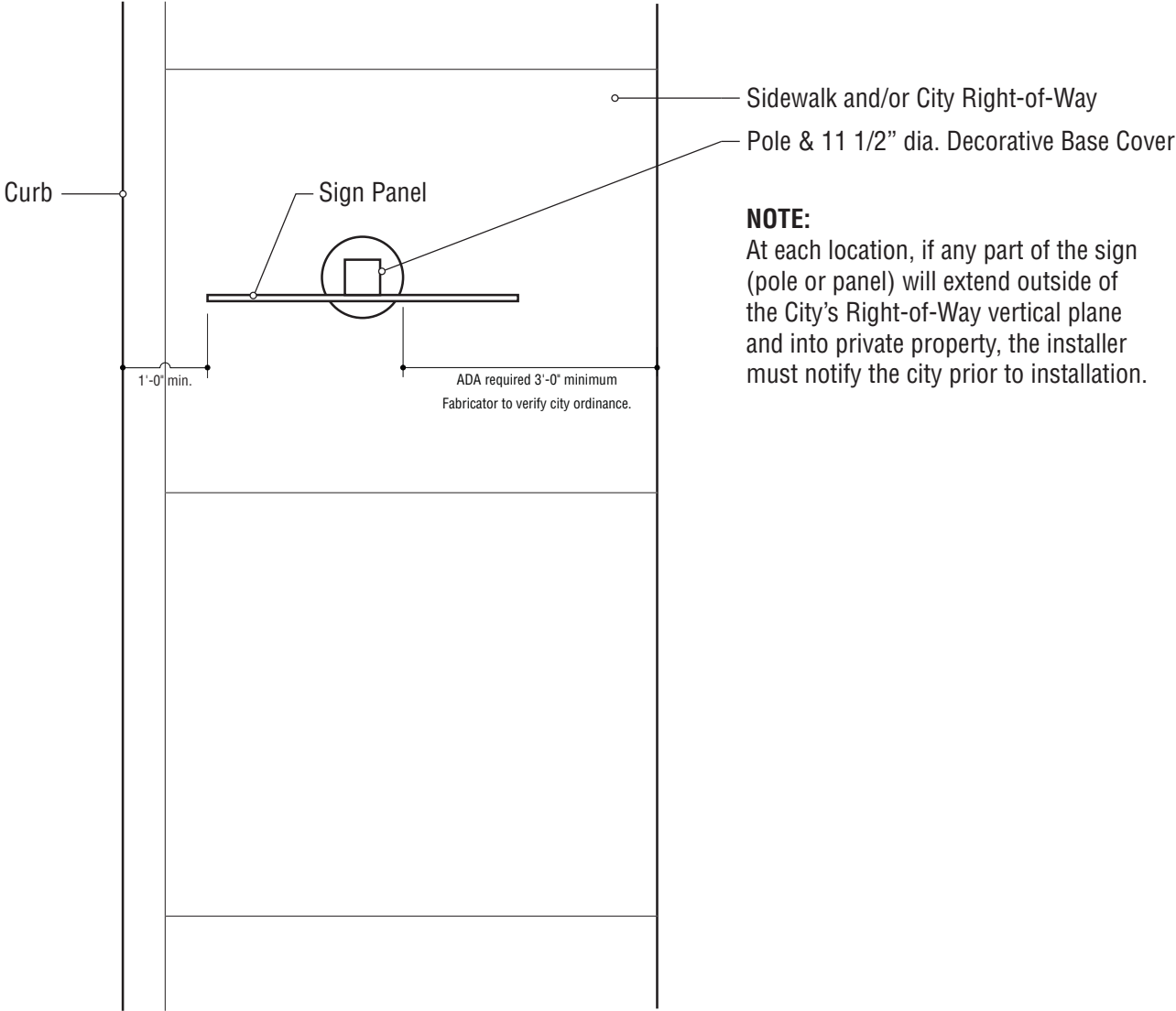
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SIGN PLACEMENT  
GUIDELINES





Figure 8



SIGN TYPE	DISTANCE FROM EDGE OF CURB TO EDGE OF SIGN PANEL	DISTANCE FROM CENTER OF POST TO EDGE OF CURB
NEIGH.1	1'-0"	1'-6"
NEIGH.1	1'-6"	2'-0"
NEIGH.1	2'-0"	2'-6"
DEST.1	1'-0"	2'-8"
DEST.1	1'-6"	3'-2"
DEST.1	2'-0"	3'-8"
DIST.1	1'-0"	1'-6 1/2"
DIST.1	1'-6"	2'-1/2"
DIST.1	2'-0"	2'-6 1/2"
TRAIL.1	1'-0"	2'-2"
TRAIL.1	1'-6"	2'-8"
TRAIL.1	2'-0"	3'-2"
VDIR.1--.3	1'-0"	2'-2"
VDIR.1--.3	1'-6"	2'-8"
VDIR.1--.3	2'-0"	3'-2"
VDIR.4--.6	1'-0"	1'-6"
VDIR.4--.6	1'-6"	2'-0"
VDIR.4--.6	2'-0	2'-6"
MAP.2 & PDIR.2	1'-0"	1'-6"
MAP.2 & PDIR.2	1'-6"	2'-0"
MAP.2 & PDIR.2	2'-0"	2'-6"
PARK.2	1'-0"	2'-2 1/2"
PARK.2	1'-6"	2'-8 1/2"
PARK.2	2'-0"	3'-2 1/2"
PARK.3	1'-0"	2'-6"
PARK.3	1'-6"	3'-0"
PARK.3	2'-0"	3'-6"
PARK.4	1'-0"	1'-5"
PARK.4	1'-6"	1'-11"
PARK.4	2'-0"	2'-5"

SPECIFICATIONS

FIGURE 8 – Clearance Guidelines

Within the City of Knoxville, urban conditions and narrow sidewalks may cause deviation from the standards articulated in the previous figures. Conditions may include less lateral clearance for the 2'-0" or 5'-0" preferred distance from edge of sign panel to curb, or placement at 2'-0" or 5'-0" would create an obstacle (i.e., a post positioned in middle of the sidewalk) or create situations of non-compliance to ADA clearances.

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- OPTION C: If 2'-0" is not physically possible, then pole shall be shifted towards the curb to provide 3'-0" clearance per ADA, up to minimum 1'-0" distance from edge of sign to face on curb.
- OPTION D: Shift sign to cantilever on post to provide minimum 1'-0" from edge of curb to edge of sign panel and minimum 3'-0" from edge of sidewalk to edge of decorative base cover (refer to sign location #180).



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