

City of Raleigh



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149-18-CA

212 1/2 BLOUNT STREET,
116 & 205 E HARGETT STREET,
117 1/2 E MARTIN STREET

MOORE SQUARE
HISTORIC DISTRICT (R-10)

0 50 100 200
Feet



Nature of Project:
Install four 8 1/2' digital kiosks

APPLICANT:
IKE SMART CITY,
ATTN: KORI FOWLER

APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS – STAFF REPORT

149-18-CA 212 ½ BLOUNT ST, 116 & 205 E HARGETT ST, 117 ½ E MARTIN ST
Applicant: KORI FOWLER, IKE SMART CITY
Received: 09/13/2018 Meeting Date(s):
Submission date + 90 days: 12/12/2018 1) 10/25/2018 2) 3)

INTRODUCTION TO THE APPLICATION

Historic District: MOORE SQUARE HISTORIC DISTRICT

Zoning: HOD-G

Nature of Project: Install four 8 ½' tall digital kiosks

DRAC: An application was reviewed by the Design Review Advisory Committee at its August 6 meeting. Members in attendance were Curtis Kasefang, Jenny Harper, Dan Becker and David Maurer; also present were Kori Fowler, the applicant, Yumna Siddiqi, Mark Thompson, Allen Gilbert, Pete Scantland, and staff members Melissa Robb, Collette Kinane, and Tania Tully.

Staff Notes:

- COAs mentioned are available for review.

APPLICABLE SECTIONS OF GUIDELINES and DESCRIPTION OF PROJECT

<u>Sections</u>	<u>Topic</u>	<u>Description of Work</u>
1.8	Signage	Install four 8 1/2' digital kiosks

STAFF REPORT

Based on the information contained in the application and staff's evaluation:

- A. Installing four 8 1/2' tall digital kiosks is not incongruous according to *Guidelines* 1.8.2, 1.8.4, 1.8.5, 1.8.7, 1.8.9, 1.8.10; however, the height, massing, and LED screens of the kiosks **may be** incongruous according to *Guidelines* 1.8.2, 1.8.10 and the following suggested facts:
- 1* The four digital kiosks are proposed to be located on private property, outside of the right-of-way. Specific site plans were not provided.
 - 2* Three of the proposed sign locations are on the property of the non-historic GoRaleigh transit station. Locations B and D are within 20 feet or so of the bus shelters. Location C is in visual proximity and physically about ½ a block away from the shelters. All three appear to be at or behind the front wall of adjacent historic buildings.
 - 3* Location A is in the courtyard of the non-historic Marbles Kids Museum.
 - 4* The sign faces (screens) are proposed to be located perpendicular to the right-of-way so that the screen does not directly face the street.

- 5* A foundation plan for the kiosk installation was included.
- 6* The proposed kiosk has a powder-coated aluminum finish. Metal is a traditional sign material. The proposed colors on the kiosk are from the palette of colors that are part of the city's branding.
- 7* The applicant provided examples of wayfinding, signage, and art located in proximity to the proposed locations.
- 8* The proposed kiosk is 8 ½' tall, 37.5" wide, and 14" deep. This massing is atypical of signage in the historic district.
- 9* The displays will be 65" interactive LED touchscreen displays. The application states that the screen will adjust to ambient light conditions.
- 10* Historically, most signs in the districts indicated particular businesses, building names, or operating hours. The proposed video displays are a more modern concept, intended to help users navigate to the appropriate location.
- 11* In 2007, the committee approved fiberglass signage for the downtown wayfinding system (124-07-CA) in part because the non-traditional material of fiberglass would be housed within a body of a traditional material (metal) and allowed for durability of detailed graphics on sign types that have no close historic precedents but considered necessary for modern pedestrian navigation purposes.
- 12* In 2010, the Committee approved a programmatic COA to install 58 pay-by-space pay stations in the right-of-way (009-10-CA). The stations featured back-lit LCD screens that were "housed within a body of a traditional material (metal) and allows for durability and functionality for the units that have no close historic precedents but are considered necessary for modern parking purposes."
- 13* In 2017, the Committee approved the installation of video displays within the GoRaleigh Station (038-17-CA). Staff comment #7 stated "The proposed video displays may be compared to the historic precedent of changeable type signs."
- 14* The applicant included information from a light study that indicated the brightness of the screen was around .2 foot candles above the existing ambient light at each site. The proposed locations around Moore Square Station are consistently brightly lit throughout the station's operating hours.

Pending the committee's discussion of the height and LED screen, staff suggests that the committee approve the application with the following conditions:

1. That details and specifications for the following be provided to and approved by staff prior to issuance of the blue placard:
 - a. Detailed site plans

Raleigh Historic Development Commission – Certificate of Appropriateness (COA) Application



DEVELOPMENT SERVICES DEPARTMENT

Development Services
Customer Service Center
One Exchange Plaza
1 Exchange Plaza, Suite 400
Raleigh, North Carolina 27601
Phone 919-996-2495
eFax 919-996-1831



- ☐ Minor Work (staff review) – **1 copy**
- ☐ Major Work (COA Committee review) – **10 copies**
- ☐ Additions Greater than 25% of Building Square Footage
☐ New Buildings
☐ Demo of Contributing Historic Resource
☐ All Other
- ☐ Post Approval Re-review of Conditions of Approval

For Office Use Only

Transaction # _____

File # _____

Fee _____

Amount Paid _____

Received Date _____

Received By _____

Property Street Address

Historic District

Historic Property/Landmark name (if applicable)

Owner's Name

Lot size

(width in feet)

(depth in feet)

For applications that require review by the COA Committee (Major Work), provide addressed, stamped envelopes to owners of all properties within 100 feet (i.e. both sides, in front (across the street), and behind the property) not including the width of public streets or alleys ([Label Creator](#)).

Property Address	Property Address

I understand that all applications that require review by the commission's Certificate of Appropriateness Committee must be submitted by 4:00 p.m. on the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Type or print the following:

Applicant

Mailing Address

City

State

Zip Code

Date

Daytime Phone

Email Address

Applicant Signature

Will you be applying for rehabilitation tax credits for this project? ☐ Yes ☐ No

Did you consult with staff prior to filing the application? ☐ Yes ☐ No

Office Use Only	
Type of Work	_____

<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em;"></div>
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Design Guidelines - Please cite the applicable sections of the design guidelines (www.rhdc.org).

Section/Page

Topic

Brief Description of Work (attach additional sheets as needed)	
<p> The project involves the design and construction of a new building for the City of Los Angeles. The building is a multi-story structure that will serve as a new office space for the City. The design is a modern, sustainable structure that will incorporate green building practices. The construction will be completed within a 12-month timeline. </p>	

Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until _____. Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

Signature (City of Raleigh) _____ **Date** _____

TO BE COMPLETED BY APPLICANT			TO BE COMPLETED BY CITY STAFF		
	YES	N/A	YES	NO	N/A
Attach 8-1/2" x 11" or 11" x 17" sheets with written descriptions and drawings, photographs, and other graphic information necessary to completely describe the project. Use the checklist below to be sure your application is complete. Minor Work (staff review) – 1 copy Major Work (COA Committee review) – 10 copies					
1. Written description. Describe clearly and in detail the nature of your project. Include exact dimensions for materials to be used (e.g. width of siding, window trim, etc.)	<input type="checkbox"/>				
2. Description of materials (Provide samples, if appropriate)	<input type="checkbox"/>				
3. Photographs of existing conditions are required. Minimum image size 4" x 6" as printed. Maximum 2 images per page.	<input type="checkbox"/>				
4. Paint Schedule (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>			
5. Plot plan (if applicable). A plot plan showing relationship of buildings, additions, sidewalks, drives, trees, property lines, etc., must be provided if your project includes any addition, demolition, fences/walls, or other landscape work. Show accurate measurements. You may also use a copy of the survey you received when you bought your property. Revise the copy as needed to show existing conditions and your proposed work.	<input type="checkbox"/>	<input type="checkbox"/>			
6. Drawings showing existing and proposed work <input type="checkbox"/> Plan drawings <input type="checkbox"/> Elevation drawings showing the façade(s) <input type="checkbox"/> Dimensions shown on drawings and/or graphic scale (required) <input type="checkbox"/> 11" x 17" or 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 11" x 17" or 8-1/2" x 11" snap shots of individual drawings from the big sheet.	<input type="checkbox"/>	<input type="checkbox"/>			
7. Stamped envelopes addressed to all property owners within 100 feet of property not counting the width of public streets and alleys (required for Major Work). Use the Label Creator to determine the addresses.	<input type="checkbox"/>	<input type="checkbox"/>			
8. Fee (See Development Fee Schedule)	<input type="checkbox"/>				

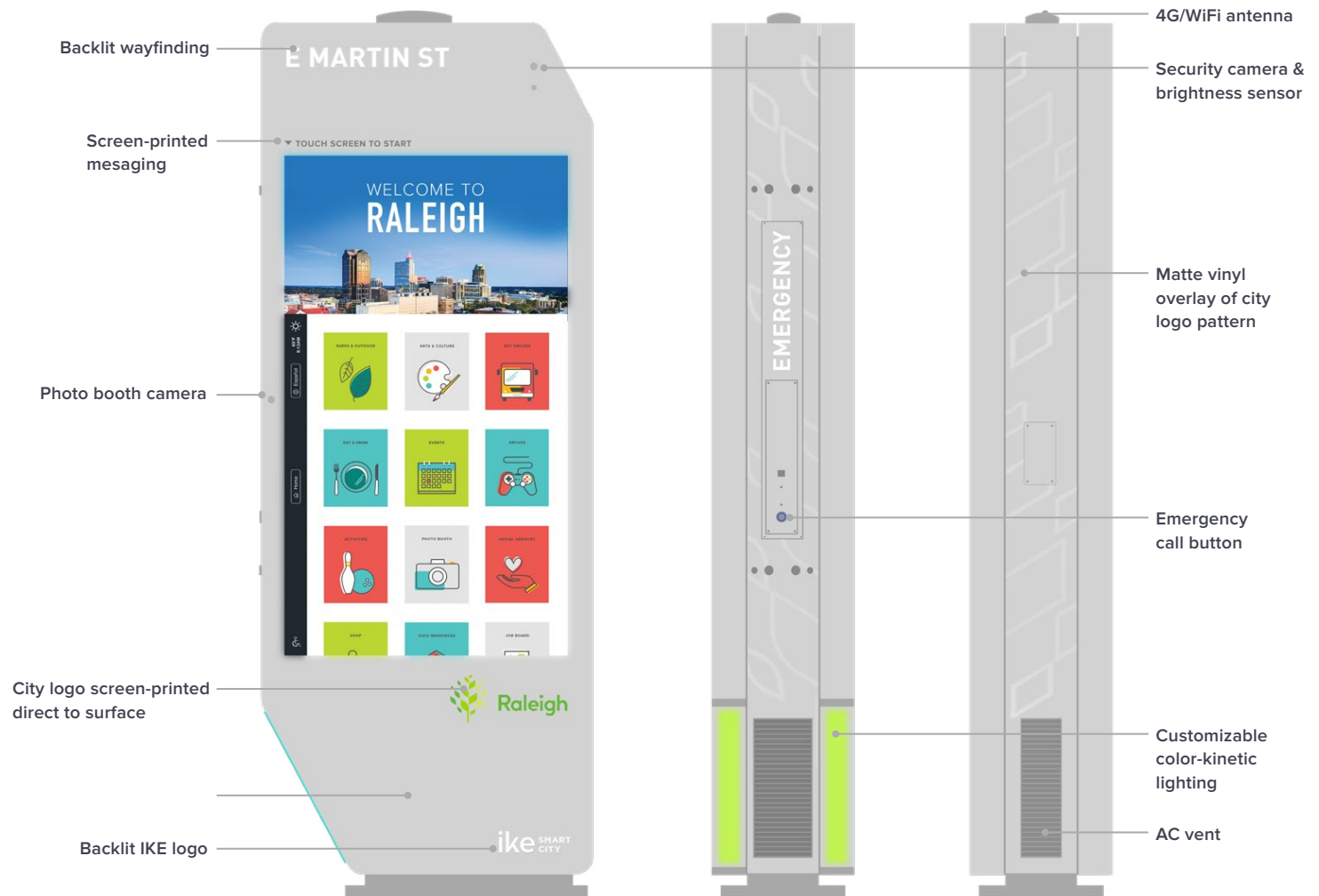


IKE Dimensions

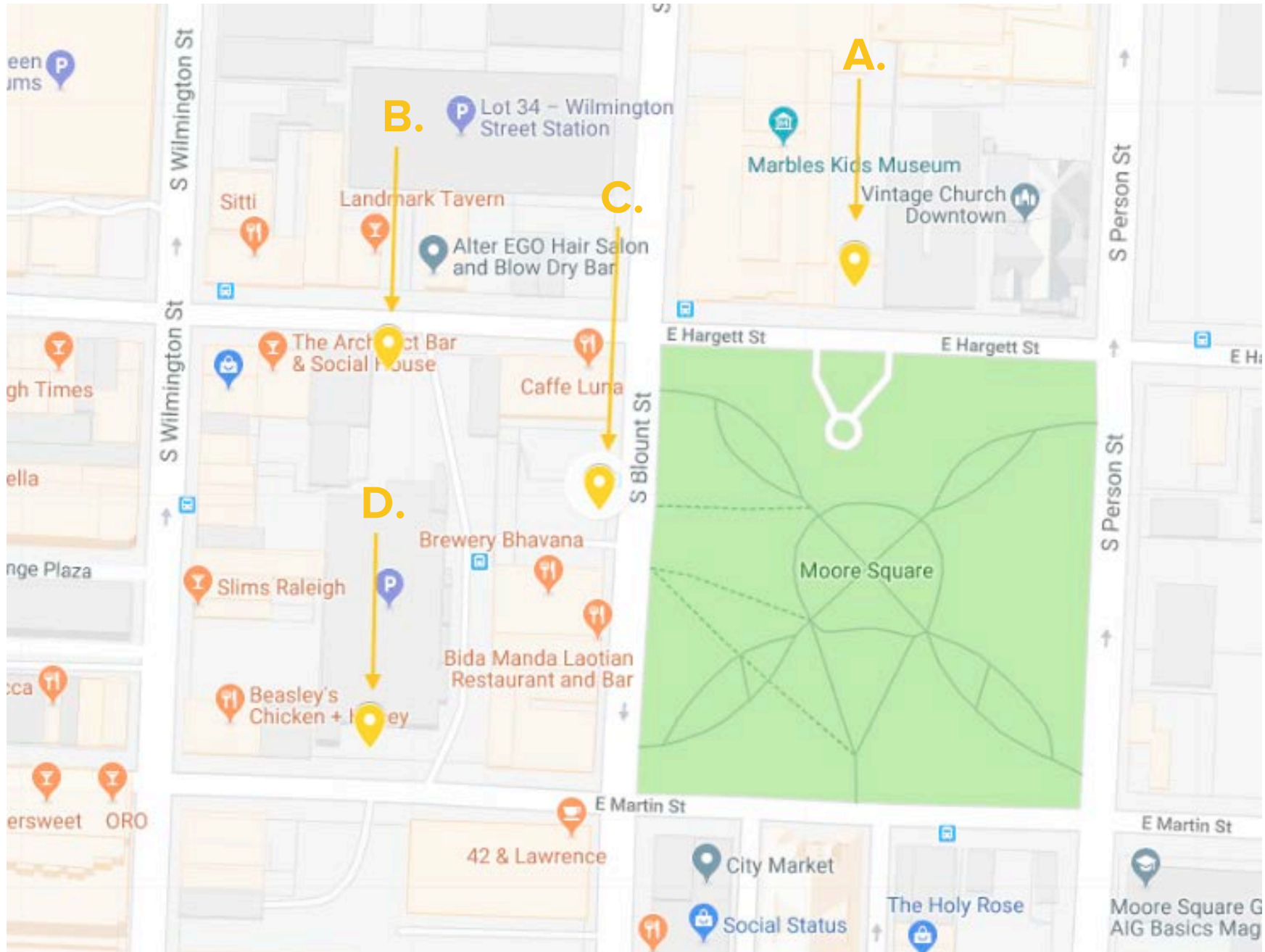


IKE Design

IKE Smart City worked with Downtown Raleigh Alliance to create a custom kiosk design that will reinforce Raleigh's brand and add increased vibrancy and visual interest to the surrounding areas.



IKE Location Map





A. **MARBLES MUSEUM** 205 E HARGETT ST



A. **MARBLES MUSEUM** 205 E HARGETT ST



B. GORALEIGH STATION 116 E HARGETT ST



C. MOORE SQUARE STATION 212½ BLOUNT ST



C. MOORE SQUARE STATION 212½ BLOUNT ST



D. **GORALEIGH** 117½ E MARTIN ST

Compliance with RHDC Design Guidelines

The summary below identifies how 4 proposed IKE kiosks comply with HDRC design guidelines section 1.8 Signage Guidelines.

1.8.1 Retain and preserve historic signs that contribute to the overall historic character of the building or the district.

Complies: Raleigh has a network of metal wayfinding signs (Appendix A). The Go Raleigh station includes aluminum sign signs similar in finish to the aluminum finish of the proposed IKE cabinet (Appendix B). The Go Raleigh and Moore Square stations include digital screens used for wayfinding in several locations which can be seen from public areas (Appendix C). The falling leaves motif seen on City wayfinding signs (Appendix F) is incorporated into the spine of the proposed kiosk.

1.8.2 Introduce new signage that is compatible in material, size, color, scale, and character with the building or the district. Design signage to enhance the architectural character of a building.

Complies: A sample of the proposed kiosk powder coated aluminum finish is included with this application. Aluminum signs have previously been approved in the district (Appendix B), aluminum art elements can be found throughout the district (Appendix D), and aluminum is used throughout the district as architectural finish (Appendix E). The 8'-2" kiosk height allows the wayfinding to be recognized from a distance, while still being pedestrian oriented. The height is compatible with the existing network of wayfinding signs (Appendix A).

1.8.3 For commercial and institutional buildings, design signs to be integral to the overall building facade. It is not appropriate to cover a large portion of a facade or any significant architectural features with signage.

Complies: The proposed kiosks are freestanding and don't make direct contact with building elements. Mockups earlier in this presentation demonstrate how the kiosks integrate into the existing environment. They engage pedestrians in busy plazas and placement perpendicular to building facades ensures they don't impact architectural vistas.

1.8.4 Introduce new signs, including graphics for windows or awnings, that are easily read and of simple design. Keep the size of graphics on windows or awnings in scale with the feature. It is not appropriate to obscure the view through a large portion of a window with graphics.

Complies: Pedestrians interact with the proposed kiosk provides through a 65" interactive LED screen which adjusts to ambient light conditions to ensure it is always legible. The text scale can be enlarged for users with poor vision and the operable portion of the screen can drop down for users with disabilities. Street name wayfinding at the top of the kiosk is backlit for visibility at night.

1.8.5 Select colors for new signage that are compatible with the related historic building or streetscape.

Complies: A sample of the proposed kiosk powder coated aluminum finish is included with this application. Aluminum signs have previously been approved in the district (Appendix B). Aluminum art elements can be found throughout the district (Appendix D) and aluminum is used throughout the district as architectural finish (Appendix E). The falling leaves motif seen on City wayfinding signs (Appendix F) is incorporated into the spine of the proposed kiosk.

Compliance with RHDC Design Guidelines Continued

1.8.6 If desired, install small identification signs and bronze historic plaques for residential buildings so that no architectural features or details are obscured or damaged.

Not applicable: The proposed kiosk sites do not impact residential buildings.

1.8.7 Construct new signs of historic sign materials, such as wood, stone, and metal or of contemporary materials compatible with the character of the historic district or landmark building.

Complies: Aluminum has previously been identified as a finish compatible with the nature of the historic district and can be seen throughout the district. Aluminum signs have previously been approved (Appendix B), aluminum art elements can be found throughout the district (Appendix D), and aluminum is used throughout the district as architectural finish (Appendix E).

1.8.8 Mount flush signboards in appropriate locations on facades so that no architectural details or features are obscured or damaged. On masonry buildings, holes for fasteners should be placed in the mortar joints, not the masonry unit.

Not applicable: Kiosks are freestanding and not building mounted.

1.8.9 Install freestanding signs in appropriate locations on low standards or ground bases. Consider screening the base of ground signs with plantings to enhance its appearance.

Not applicable: The proposed kiosk is not pole mounted. The kiosk meets the ground neatly.

1.8.10 Light signs in a manner compatible with the historic character and the pedestrian scale of the historic district, following the guidelines for lighting in Section 1.7.

Complies: Pedestrians interact with the proposed kiosk through a 65" interactive LED screen which adjusts to ambient light conditions to ensure light output is not excessive. There is precedent for digital screen in the district, Go Raleigh and Moore Square stations include digital wayfinding used for wayfinding in several locations which can be seen from public areas (Appendix C).

1.8.11 It is not appropriate to install a large, out-of-scale, projecting sign on a building facade.

Complies: The proposed kiosks are freestanding and not building mounted. The height is compatible with the existing network of wayfinding signs (Appendix A).

→ Convention Center
 → County Courthouse
 → Performing Arts Ctr
 ↑ Shaw University

P

ONE WAY



Appendix A: Metal Wayfinding Signage



Appendix B: Aluminum Signs



Appendix B: Aluminum Signs



Appendix C: Digital Signs



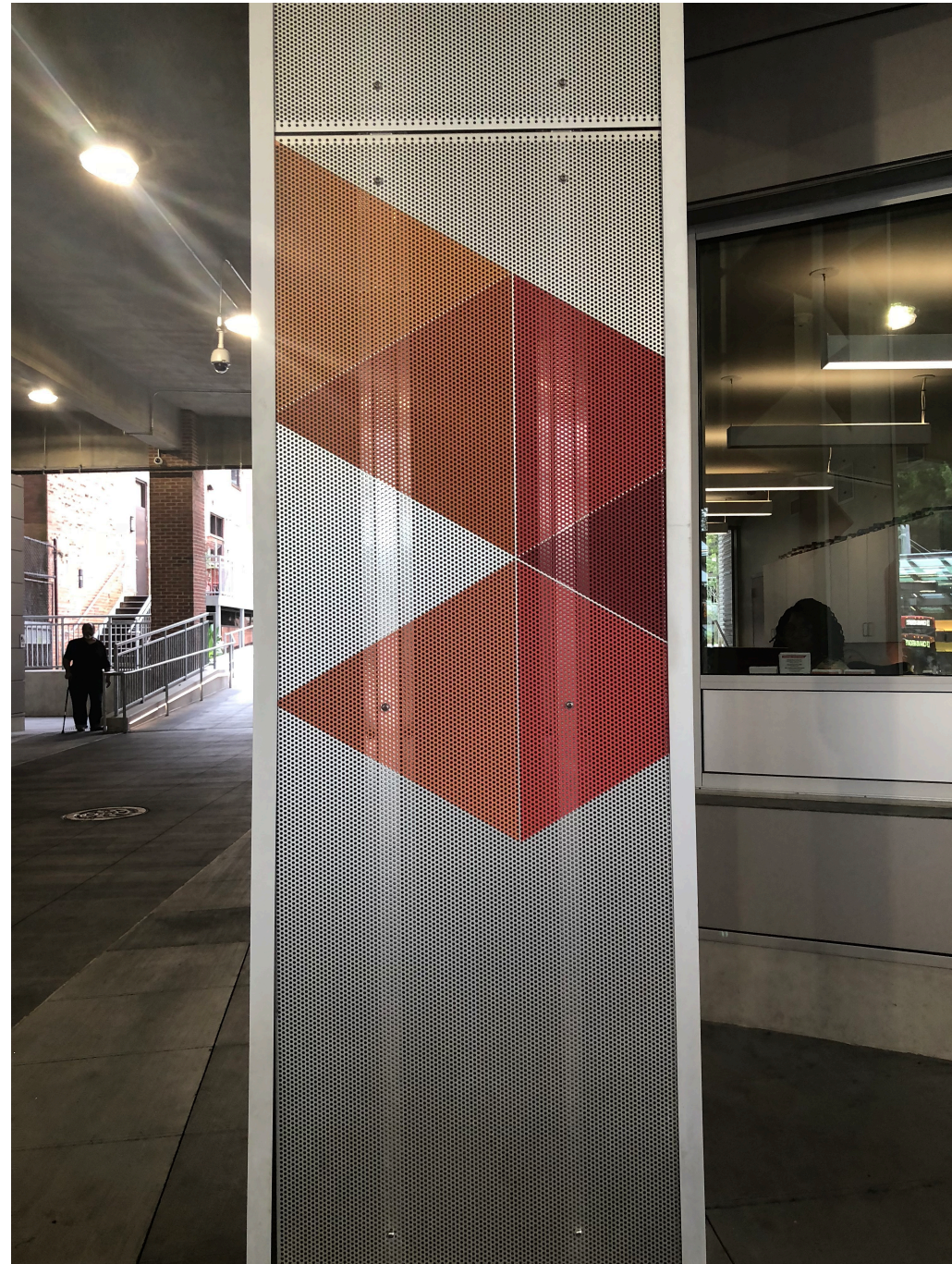
Appendix C: Digital Signs



Appendix D: Aluminum Public Art



Appendix D: Aluminum Public Art



Appendix D: Aluminum Public Art



Appendix E: Aluminum Architectural Components



Appendix E: Aluminum Architectural Components



Appendix E: Aluminum Architectural Components



Appendix E: Aluminum Architectural Components



Appendix E: Aluminum Architectural Components



Appendix F: Wayfinding Leaf Motif



Appendix F: Wayfinding Leaf Motif



APPENDIX G:

The following pages are all the addresses to all property owners within 100 feet of each of the 4 locations (Stamped and addressed envelopes are also included in the package).

1703787212
MOORE SQUARE PTNR LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703776955
BROTHERS, J A BROTHERS, SUSAN D
2506 FAIRVIEW RD
RALEIGH NC 27608-1328

1703777908
DUCK & DUMPLING PROPERTIES LLC THE
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703784275
FRENCH TRONE BLDG INVESTMENTS LLC
112 E HARGETT ST STE 200
RALEIGH NC 27601-1455

1703785028
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703785436
EXTRA EMPIRE DIRT LLC
133 FAYETTEVILLE ST STE 600
RALEIGH NC 27601-2911

1703785456
EXTRA EMPIRE DIRT LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703785485
RALEIGH FURNITURE LANDLORD LLC
133 FAYETTEVILLE ST STE 600
RALEIGH NC 27601-2911

1703786091
DUCK & DUMPLING PROPERTIES LLC THE
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703786096
PPAS PROPERTIES LLC
3620 E JAMESON RD
RALEIGH NC 27604-3971

1703786156
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703786156
ALVARADO & ASSOC LLC
KIERAN J SHANAHAN
128 E HARGETT ST STE 300
RALEIGH NC 27601-1460

1703786238
HALLMARK ASSOCIATES INC
J M JOHNSON ET AL
126 E HARGETT ST
RALEIGH NC 27601-1440

1703786254
ALVARADO & ASSOC LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703786434
MR. BUBBLE EMPIRE,LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703786472
HAYWOOD, CHARLES HAYWOOD,
CHARLES L
111 MERWIN RD
RALEIGH NC 27606-2632

1703786492
TEYF, LEONID TEYF, TATYANA
510 GLENWOOD AVE APT 503
RALEIGH NC 27603-1290

1703787106
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703787208
ALVARADO & ASSOC LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703787444
HORSE NOSE VILLA LLC
415 N BLOODWORTH ST STE 1003
RALEIGH NC 27604-1591

1703789468
WAKE COUNTY
WAKE COUNTY ATTORNEY'S OFFICE
PO BOX 550
RALEIGH NC 27602-0550

1703789468
WAKE COUNTY
WAKE COUNTY ATTORNEY'S OFFICE
PO BOX 550
RALEIGH NC 27602-0550

1703880019
NORTH CAROLINA STATE OF
STATE PROPERTY OFFICE
116 W JONES ST
RALEIGH NC 27603-1300

1703789468
WAKE COUNTY
WAKE COUNTY ATTORNEY'S OFFICE
PO BOX 550
RALEIGH NC 27602-0550

1703789468
WAKE COUNTY
WAKE COUNTY ATTORNEY'S OFFICE
PO BOX 550
RALEIGH NC 27602-0550

1703786472
HAYWOOD, CHARLES HAYWOOD,
CHARLES L
111 MERWIN RD
RALEIGH NC 27606-2632

1703786492
TEYF, LEONID TEYF, TATYANA
510 GLENWOOD AVE APT 503
RALEIGH NC 27603-1290

1703787208
ALVARADO & ASSOC LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703787212
MOORE SQUARE PTNR LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703787444
HORSE NOSE VILLA LLC
415 N BLOODWORTH ST STE 1003
RALEIGH NC 27604-1591

1703787517
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703787521
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703787602
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703787607
DT RALEIGH BUILDING LLC
1807 CHESTER RD
RALEIGH NC 27608-1343

1703787737
TRUSTEES OF EDENTON STREET UNITED
METHODIST CHURCH...
228 W EDENTON ST
RALEIGH NC 27603-1714

1703788771
WAKE COUNTY
WAKE COUNTY ATTORNEY'S OFFICE
PO BOX 550
RALEIGH NC 27602-0550

1703788787
MARBLES KIDS MUSEUM
201 E HARGETT ST
RALEIGH NC 27601-1437

1703789654
NORTH CAROLINA STATE OF
STATE PROPERTY OFFICE
116 W JONES ST
RALEIGH NC 27603-1300

1703789747
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703880019
NORTH CAROLINA STATE OF
STATE PROPERTY OFFICE
116 W JONES ST
RALEIGH NC 27603-1300

1703880732
NORTH CAROLINA STATE OF
STATE PROPERTY OFFICE
116 W JONES ST
RALEIGH NC 27603-1300

1703881448
LONG VIEW CONDOMINIUM
PO BOX 12504
RALEIGH NC 27605-2504

1703881448
WOOD PILE LLC THE
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703881448
MARBLES KIDS MUSEUM
207 E HARGETT ST
RALEIGH NC 27601-1437

1703881448
ENTREPRENEURSHIP BUILDING LLC
3323 ALLEGHANY DR
RALEIGH NC 27609-6903

1703881448
VINTAGE CHURCH
118 S PERSON ST
RALEIGH NC 27601-1422

1703881628
WAKE COUNTY
WAKE COUNTY ATTORNEY'S OFFICE
PO BOX 550
RALEIGH NC 27602-0550

1703785028
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703771745
HIGHWOODS REALTY LIMITED
PARTNERSHIP
3100 SMOKETREE CT STE 600
RALEIGH NC 27604-1050

1703771745
PAINTER, JEFFERY L LAZARSKI, CRAIG P
301 FAYETTEVILLE ST UNIT 2301
RALEIGH NC 27601-2174

1703771745
HIGHT, STEPHANIE D
1505 ELM ST APT 704
DALLAS TX 75201-3524

1703771745
MALHOTRA, MANDEEP K
1177 CRABTREE CROSSING PKWY
MORRISVILLE NC 27560-7559

1703771745
MCKAY, CHRISTOPHER DANIEL
301 FAYETTEVILLE ST
RALEIGH NC 27601-2174

1703771745
DUNN, CHRISTY DUNN, JEFF
9509 SWEPSTONE LN
RALEIGH NC 27615-6566

1703771745
WOOTEN, WILLIAM BYRD WOOTEN,
MARGARET ANNE
282 MCNAIR RD
TARBORO NC 27886-8558

1703771745
MANAHER, KEVIN T
301 FAYETTEVILLE ST UNIT 2307
RALEIGH NC 27601-2175

1703771745
DENNIS, MICHAEL D
301 FAYETTEVILLE ST UNIT 2308
RALEIGH NC 27601-2175

1703771745
LAMB, KRIS
301 FAYETTEVILLE ST UNIT 2314
RALEIGH NC 27601-2175

1703771745
SPEER, KEVIN P REAMS, SHELLY
301 2401 FAYETTEVILLE ST
RALEIGH NC 27601-2175

1703771745
BARNHARDT, WILLIAM WILTON
301 FAYETTEVILLE ST UNIT 2402
RALEIGH NC 27601-2175

1703771745
DOWNING, ADAM J
PO BOX 12591
RALEIGH NC 27605-2591

1703771745
KHAN, ZEBALAMB, VICTORIA
508 DIMOCK WAY
WAKE FOREST NC 27587-1653

1703771745
XONE INVESTMENTS, LLC
1000 ALEMANY ST
MORRISVILLE NC 27560-7393

1703771745
AAL PARTNERS LLC
PO BOX 8722
GREENSBORO NC 27419-0722

1703771745
ALVORD, RYAN
301 FAYETTEVILLE ST UNIT 2407
RALEIGH NC 27601-2175

1703771745
KENNEDY, KENNETH DURWOOD JR
205 BICKETT BLVD
RALEIGH NC 27608-2565

1703771745
MULLINS, NAN
505 PORT ROYAL WAY
PENSACOLA FL 32502-5766

1703771745
TOLAND, HUGH P TOLAND, MARY E
3004 HERITAGE PINES DR
CARY NC 27519-7149

1703771745
MA, JENNIFER L
3606 BARON MONCK PASS
RALEIGH NC 27612-7642

1703771745
SPEER, KEVIN P REAMS, SHELLY K
301 FAYETTEVILLE ST UNIT 2412
RALEIGH NC 27601-2175

1703771745
MW NORTH MARKET LLC
PO BOX 98265
RALEIGH NC 27624-8265

1703771745
VENTURES OCEANIC INC
160 D VICTOR MEEKINS RD
MANTEO NC 27954-9483

1703771745
PARK, ADAM CHRISTOPHER
301 FAYETTEVILLE ST UNIT 2502
RALEIGH NC 27601-2176

1703771745
JANG, SEONG HEE
8512 PENCE RD
CHARLOTTE NC 28215-4340

1703771745
WELDON, MARK A
301 2504 FAYETTEVILLE ST
RALEIGH NC 27601-2176

1703771745
HAYES, LINDA W
301 FAYETTEVILLE ST UNIT 2505
RALEIGH NC 27601-2176

1703771745
RIVEROS, GERARDO
301 FAYETTEVILLE ST UNIT 2507
RALEIGH NC 27601-2176

1703771745
COOPER, A B JR
PO BOX 250
ATLANTIC BEACH NC 28512-0250

1703771745
ZEIGLER, BENJAMIN J
301 2509 FAYETTEVILLE ST
RALEIGH NC 27601-2176

1703771745
HIGH TIDE HOLDINGS LLC
3657 WICKERSHAM WAY
RALEIGH NC 27604-4064

1703771745
LUNDQUIST, COURTNEY
301 FAYETTEVILLE ST UNIT 2511
RALEIGH NC 27601-2176

1703771745
LESTER MANAGEMENT GROUP LLC
7231 LA MARRE DR
ROANOKE VA 24019-6231

1703771745
STEFANSKI, JOHN J
301 FAYETTEVILLE ST UNIT 2514
RALEIGH NC 27601-2176

1703771745
CICCONE, J GARY CICCONE, TERRY G
PO BOX 53668
FAYETTEVILLE NC 28305-3668

1703771745
MEEKINS, ROGER P MEEKINS, CELIA R
160 D VICTOR MEEKINS RD
MANTEO NC 27954-9483

1703771745
NICE 1 LLC
120 YORKCHESTER WAY
RALEIGH NC 27615-2979

1703771745
MCCOMBER, ALEX C HALL, KERRY
301 FAYETTEVILLE ST UNIT 2603
RALEIGH NC 27601-2176

1703771745
EATON, JESSICA
301 FAYETTEVILLE ST UNIT 2604
RALEIGH NC 27601-2176

1703771745
RALEIGH SKYLINE PROPERTIES LLC
PO BOX 1099
MORRISVILLE NC 27560-1099

1703771745
SHERTZ, ROBERT D SHERTZ, CONNIE C
301 FAYETTEVILLE ST UNIT 2606
RALEIGH NC 27601-2176

1703771745
BRADLEY, JOSEPH CRAIG
301 FAYETTEVILLE ST UNIT 2607
RALEIGH NC 27601-2176

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WYNN, DIANNA
101 MARTINIQUE PL
CARY NC 27511-6482

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BLUE RAM ASSOCIATES LLC
1020 DICKINSON CIR
RALEIGH NC 27614-8603

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EARL, THEO RUSSELL FUNDERBURK, AMY
LYNN
301 FAYETTEVILLE ST UNIT 2610
RALEIGH NC 27601-2178

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THORNTON, REBECCA G
301 FAYETTEVILLE ST UNIT 2611
RALEIGH NC 27601-2178

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SANFORD, KENNETH PATRICK
301 FAYETTEVILLE ST UNIT 2612
RALEIGH NC 27601-2178

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BLONDY, MARY LYNN BAUMUNK TRUSTEE
ISABELLA TRUST
301 FAYETTEVILLE ST UNIT 2614
RALEIGH NC 27601-2178

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VENTURES OCEANIC INC
160 D VICTOR MEEKINS RD
MANTEO NC 27954-9483

1703771745
JOSHLEN LLC
583 BATTERY ST APT 3001N
SEATTLE WA 98121-3875

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STRAWN, TRACY
301 FAYETTEVILLE ST UNIT 2703
RALEIGH NC 27601-2178

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WYNKOOP, MARLENE L
301 FAYETTEVILLE ST UNIT 2704
RALEIGH NC 27601-2178

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BALKAS, CENGIZ
301 FAYETTEVILLE ST UNIT 2705
RALEIGH NC 27601-2178

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BIHL, ANTHONY BIHL, IRENE
301 FAYETTEVILLE ST UNIT 2706
RALEIGH NC 27601-2178

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FISHER, THOMAS
301 FAYETTEVILLE ST UNIT 2707
RALEIGH NC 27601-2178

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MOORE & SONS REALTY III LLC
3212 DOGWOOD DR
RALEIGH NC 27604-3980

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PLB LLC
7506 APEX BARBECUE RD
APEX NC 27502-9504

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IRANI, HOMI
2602 LAURELCHERRY ST
RALEIGH NC 27612-5442

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FONTANEZ, MICKEY FONTANEZ, MARITZA
301 FAYETTEVILLE ST UNIT 2711
RALEIGH NC 27601-2178

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RUSSELL, THOMAS L. TRUSTEE THOMAS
L. RUSSELL REVOC...
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RALEIGH NC 27601-2178

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HUDSON, ERIKA
301 FAYETTEVILLE ST UNIT 2714
RALEIGH NC 27601-2178

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SCHWAM, STEVEN J PURSER, CHERYL A
5500 WYNNEFORD WAY
RALEIGH NC 27614-8342

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SANCHEZ, SOFIA
301 2802 FAYETTEVILLE ST
RALEIGH NC 27601

1703771745
THOMPSON, ROBERT S THOMPSON,
JACQUELINE C
301 FAYETTEVILLE ST
RALEIGH NC 27601-1974

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HOLZWORTH, STEVEN C
301 FAYETTEVILLE ST UNIT 2804
RALEIGH NC 27601-2177

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NORTHERN RISES LLC
4660 PARAGON PARK RD
RALEIGH NC 27616-3174

1703771745
NESBIT, WAYNE K
301 FAYETTEVILLE ST UNIT 2806
RALEIGH NC 27601-2177

1703771745
GUTHRIE, HERMAN R GUTHRIE, DOROTHY
G
456 SEA GATE DR
NEWPORT NC 28570-6270

1703771745
MEEKER, DAVID C
301 FAYETTEVILLE ST UNIT 2808
RALEIGH NC 27601-2177

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WILLIAMS, TIMOTHY JOHN WILLIAMS,
DIANE M.
3191 7 LKS W
WEST END NC 27376-9301

1703771745
WILLIAMS, TIMOTHY JOHN WILLIAMS,
DIANE M.
3191 7 LKS W
WEST END NC 27376-9301

1703771745
TUCKER, SUSAN DEAN
301 FAYETTEVILLE ST UNIT 2811
RALEIGH NC 27601-2177

1703771745
TULLO, THOMAS J
301 FAYETTEVILLE ST UNIT 2812
RALEIGH NC 27601-2177

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OCONNOR, TOM OCONNOR, HELENA
500 WESTOVER DR
SANFORD NC 27330-8941

1703771745
FIORE, JOHN G FEORE, JOANNE M
1925 PARTRIDGE BERRY DR
RALEIGH NC 27606-9695

1703771745
SUH, EDMOND
301 FAYETTEVILLE ST UNIT 2902
RALEIGH NC 27601-2177

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ELFAYSAL, HASSAN
3709 ROCK CREEK DR
RALEIGH NC 27609-7128

1703771745
EVANS, BURWELL R EVANS, PAMELA
114 STRATTON LN
MANTEO NC 27954-9236

1703771745
RAINBOW MANAGEMENT LLC
2153 VALLEYGATE DR STE 102
FAYETTEVILLE NC 28304-3667

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SELFRIDGE INVESTMENTS LLC
3620 WILLIAMSBOROUGH CT
RALEIGH NC 27609-6356

1703771745
BOLTON, CHARLES K BOLTON, MARY M
301 FAYETTEVILLE ST UNIT 2907
RALEIGH NC 27601-2179

1703771745
NESBIT, WAYNE
301 FAYETTEVILLE ST UNIT 2806
RALEIGH NC 27601-2177

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TANAS, MARIANNE A TANAS, RAMZI S
301 FAYETTEVILLE ST UNIT 2909
RALEIGH NC 27601-2179

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WILSON, DIANA L
301 FAYETTEVILLE ST UNIT 2910
RALEIGH NC 27601-2179

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WOO, NANCY ARROYO, MARC
79942 PARKWAY ESPLANADE N
LA QUINTA CA 92253-8815

1703771745
HWA, TJOA KIAN HARTANTO, STEVEN
301 2912 FAYETTEVILLE ST
RALEIGH NC 27601-2179

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MARKS, HENRY W III
301 FAYETTEVILLE ST UNIT 2914
RALEIGH NC 27601-2179

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HASTIE, ROHAN
301 FAYETTEVILLE ST UNIT 3001
RALEIGH NC 27601-2179

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MEYER, ROBERT ALAN
301 3002 FAYETTEVILLE ST
RALEIGH NC 27601-2179

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CLEAR SIGHT PROPERTIES LLC
104 HEADLANDS LN
CARY NC 27518-8312

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SHOOK, AARON KYLE
301 FAYETTEVILLE ST UNIT 3004
RALEIGH NC 27601-2179

1703771745
CAREY, BRIAN
309 DOYLES ON AVE
ENDWELL NY 13760-3405

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MCLAMB, DAN J WEYHER, BARBARA B
301 FAYETTEVILLE ST UNIT 3006
RALEIGH NC 27601-2179

1703771745
BRYANT, CHAD BAKER, JULIE
301 FAYETTEVILLE ST UNIT 3007
RALEIGH NC 27601-2179

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WUNSCH, CHAD E WUNSCH, BRUCE
2017 TERRI CREEK DR
FUQUAY VARINA NC 27526-5329

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VARSAÑO, MARCUS STEVEN
301 3009 FAYETTEVILLE ST
RALEIGH NC 27601-2179

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DISCALA, JEANETTE YAROLIN, JOHN M
301 FAYETTEVILLE ST UNIT 3010
RALEIGH NC 27601-2179

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KANG, YEE EVA KANG, YUAN CHIEN
10824 ASHLAND MILL CT
RALEIGH NC 27617-7766

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DURHAM, JOSEPH
301 FAYETTEVILLE ST UNIT 3012
RALEIGH NC 27601-2179

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SARTORIO, DAVID
301 FAYETTEVILLE ST UNIT 3014
RALEIGH NC 27601-2180

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RATLIFF, JENNIFER K
301 FAYETTEVILLE ST UNIT 3101
RALEIGH NC 27601-2180

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GOOCH BRYANT, ROSE MARIE
252 LAKEVIEW HILLS DR
FOUR OAKS NC 27524-8443

1703771745
WOO, PERRY WOO, SEE KONG
218 MAIN ST # 120
EAST SETAUKET NY 11733-2851

1703771745
CORILL 3920 LLC
123 GLENWOOD AVE
RALEIGH NC 27603-1703

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GARDNER, JACK W
1701 16TH ST NW APT 303
WASHINGTON DC 20009-3150

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FRIGOLA, RAYMOND EICHELSDORFER,
MUXIA
301 FAYETTEVILLE ST UNIT 3106
RALEIGH NC 27601-2180

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TJOA, KIAN HWA HARTANTO, STEVEN
301 FAYETTEVILLE ST UNIT 3107
RALEIGH NC 27601-2180

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ADAMS, JOEL R
301 FAYETTEVILLE ST UNIT 3108
RALEIGH NC 27601-2180

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RIGEL PROPERTY HOLDINGS LLC SERIES
2
508 NEWHALL CV
AUSTIN TX 78746-4123

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CRUZ, YAMIRA MORENO
301 FAYETTEVILLE ST UNIT 3110
RALEIGH NC 27601-2180

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BENNETT, KATHY LEIGH PAGE,
NORWOOD ALLAN JR
301 FAYETTEVILLE ST UNIT 3111
RALEIGH NC 27601-2180

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RHYNE, DIANA
301 FAYETTEVILLE ST UNIT 3112
RALEIGH NC 27601-2180

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BALTER, REBECCA
301 FAYETTEVILLE ST UNIT 3114
RALEIGH NC 27601-2180

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MCLAUGHLIN, JAMES F MCLAUGHLIN,
PATRICIA V
301 3201 FAYETTEVILLE ST
RALEIGH NC 27601-2180

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FEATHERSTON, JOHN DEREK
301 FAYETTEVILLE ST UNIT 3202
RALEIGH NC 27601-2180

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KIM, STEVEN
301 FAYETTEVILLE ST UNIT 3203
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JOO, DANIEL M
301 FAYETTEVILLE ST UNIT 3204
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BALKAS, TIMUR HUSEYIN
301 FAYETTEVILLE ST UNIT 3205
RALEIGH NC 27601-2180

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FORBES, JAMES A JR FORBES, BETTY A
301 3206 FAYETTEVILLE ST
RALEIGH NC 27601-2181

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MASSEY, RANDALL S MASSEY, WANDA J
301 FAYETTEVILLE ST UNIT 3207
RALEIGH NC 27601-2181

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JENSEN, MARISSA
301 FAYETTEVILLE ST UNIT 3208
RALEIGH NC 27601-2181

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HOCKADAY, JOSEPH KING
301 FAYETTEVILLE ST UNIT 3209
RALEIGH NC 27601-2181

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CODY, RICHARD
301 FAYETTEVILLE ST UNIT 3210
RALEIGH NC 27601-2181

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BUTLER, DOUGLAS C
301 FAYETTEVILLE ST UNIT 3211
RALEIGH NC 27601-2181

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ZHANG, QIUDI
301 FAYETTEVILLE ST UNIT 3212
RALEIGH NC 27601-2182

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SZAFRANSKI, ROBERT
301 FAYETTEVILLE ST UNIT 3214
RALEIGH NC 27601-2182

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SESHUL, MERRITT SESHUL, ASHLEY
1271 10TH ST NW
HICKORY NC 28601-2420

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WALTHALL, JAMES R
378 12TH ST APT 4
BROOKLYN NY 11215-7345

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CASCIA, MICHAEL
301 FAYETTEVILLE ST UNIT 3303
RALEIGH NC 27601-2182

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MOSTASHARI, SHAHRIAR
301 FAYETTEVILLE ST UNIT 3304
RALEIGH NC 27601-2182

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MOORE, TIMOTHY K
301 FAYETTEVILLE ST UNIT 3305
RALEIGH NC 27601-2182

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MOTAPARTHY, VENKATA MOTAPARTHY,
LAKSHMI
301 FAYETTEVILLE ST UNIT 3306
RALEIGH NC 27601-2182

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3307 PLAZA CONDO LLC
4721 EMPEROR BLVD STE 300
DURHAM NC 27703-8580

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WILBUR FAMILY REVOCABLE TRUST /BY
TRS
301 3308 FAYETTEVILLE ST
RALEIGH NC 27601-2182

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SKOWRONSKI, DAVID A
301 FAYETTEVILLE ST UNIT 3309
RALEIGH NC 27601-2182

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MODJESKI, BRADLEY K MODJESKI,
MELISSA S
301 FAYETTEVILLE ST UNIT 3310
RALEIGH NC 27601-2182

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MAJEWICZ, ERIC DAVID
301 FAYETTEVILLE ST UNIT 3311
RALEIGH NC 27601-2182

1703771745
BIEBER, EDIE TRUSTEE THE EDIE D
BIEBER TRUST
724 LAKE RD
WEBSTER NY 14580-1522

1703771745
INSHORE PROPERTIES, LLC
6556 WAKEFALLS DR
WAKE FOREST NC 27587-9593

1703771745
HIGHWOODS REALTY LIMITED
PARTNERSHIP
3100 SMOKETREE CT STE 600
RALEIGH NC 27604-1050

1703771915
FIRST CITIZENS BK & TRST CO
PO BOX 27131
RALEIGH NC 27611-7131

1703771985
ACMEC HOLDINGS, LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703771994
SOUTHERN FAMILY PROPERTY HOLDINGS
INC
15 E MARTIN ST
RALEIGH NC 27601-1841

1703772935
RALEIGH INVESTING LLC
8428 SMITH RD
APEX NC 27539-8180

1703773964
CARPENTER JENSEN VENTURES LLC
301 FAYETTEVILLE ST UNIT 2808
RALEIGH NC 27601-2177

1703774727
HIGHWOODS REALTY LP
3100 SMOKETREE CT STE 600
RALEIGH NC 27604-1050

1703774923
HOBBY FAMILY LLC
PO BOX 18506
RALEIGH NC 27619-8506

1703776736
WWG RALEIGH LLC WWG RALEIGH 2 LLC
THE WORLDWIDE GROUP
950 3RD AVE FL 18
NEW YORK NY 10022-2705

1703776955
BROTHERS, J A BROTHERS, SUSAN D
2506 FAIRVIEW RD
RALEIGH NC 27608-1328

1703776992
MMP 135 E MARTIN LLC
STUART FRANTZ
2426 E LAKE DR
RALEIGH NC 27609-7610

1703777908
DUCK & DUMPLING PROPERTIES LLC THE
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703781056
LRC 227 LLC
5 INTERNATIONAL DR STE 125
RYE BROOK NY 10573-7017

1703781166
RALEIGH CITY OF
222 W HARGETT ST
RALEIGH NC 27601-1316

1703781263
209 RETAIL PARTNERS LLC
PO BOX 1030
RALEIGH NC 27602-1030

1703782139
TURNER, STUART R
216 S WILMINGTON ST
RALEIGH NC 27601-1434

1703782139
RALEIGH CITY OF
222 W HARGETT ST
RALEIGH NC 27601-1316

1703782247
G&S EMPIRE LANDLORD LLC
133 FAYETTEVILLE ST STE 600
RALEIGH NC 27601-2911

1703783096
CAPETANOS, LEONIDAS CHRIST
CAPETANOS, MARTA ANNA
506 TILDEN ST
RALEIGH NC 27605-1524

1703783098
225 S WILMINGTON LANDLORD LLC
301 FAYETTEVILLE ST UNIT 2808
RALEIGH NC 27601-2177

1703783165
FARMAH, RAM LABHAYA TRUSTEE
FARMAH, SHEELA DEVI TR...
106 BECKFORD RD
CARY NC 27518-6476

1703783167
BLALOCK PARTNERS LLC
217 S WILMINGTON ST
RALEIGH NC 27601-1433

1703783190
DEEPJAVA PROPERTY CO LLC
2300 WHITE OAK RD
RALEIGH NC 27608-1456

1703783262
TULSI VENTURES LLC
1052 KENNICOTT AVE
CARY NC 27513-8450

1703783265
HORWITZ, PHILLIP
PO BOX 6
RALEIGH NC 27602-0006

1703783270
JT HOBBY & SON INC
PO BOX 18506
RALEIGH NC 27619-8506

1703783278
HORWITZ, PHILLIP S
PO BOX 6
RALEIGH NC 27602-0006

1703783371
HORWITZ, PHILLIP S
PO BOX 6
RALEIGH NC 27602-0006

1703783478
HL EMPIRE LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703783482
HL EMPIRE LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703784226
MASO LLC
8117 WINDSOR RIDGE DR
RALEIGH NC 27615-4720

1703784275
FRENCH TRONE BLDG INVESTMENTS LLC
112 E HARGETT ST STE 200
RALEIGH NC 27601-1455

1703784458
HL EMPIRE LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703784494
HL EMPIRE LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703785436
EXTRA EMPIRE DIRT LLC
133 FAYETTEVILLE ST STE 600
RALEIGH NC 27601-2911

1703785456
EXTRA EMPIRE DIRT LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703785485
RALEIGH FURNITURE LANDLORD LLC
133 FAYETTEVILLE ST STE 600
RALEIGH NC 27601-2911

1703785518
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703786091
DUCK & DUMPLING PROPERTIES LLC THE
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703786096
PPAS PROPERTIES LLC
3620 E JAMESON RD
RALEIGH NC 27604-3971

1703786156
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703786156
ALVARADO & ASSOC LLC
KIERAN J SHANAHAN
128 E HARGETT ST STE 300
RALEIGH NC 27601-1460

1703786238
HALLMARK ASSOCIATES INC
J M JOHNSON ET AL
126 E HARGETT ST
RALEIGH NC 27601-1440

1703786254
ALVARADO & ASSOC LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703786434
MR. BUBBLE EMPIRE,LLC
133 FAYETTEVILLE ST FL 6
RALEIGH NC 27601-1356

1703786472
HAYWOOD, CHARLES HAYWOOD,
CHARLES L
111 MERWIN RD
RALEIGH NC 27606-2632

1703786492
TEYF, LEONID TEYF, TATYANA
510 GLENWOOD AVE APT 503
RALEIGH NC 27603-1290

1703786536
RALEIGH CITY OF
PO BOX 550
RALEIGH NC 27602-0550

1703787106
RALEIGH CITY OF
PO BOX 590
RALEIGH NC 27602-0590

1703787208
ALVARADO & ASSOC LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

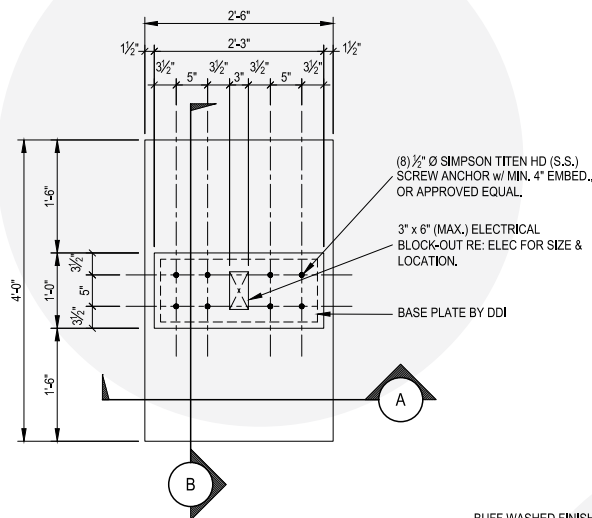
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MOORE SQUARE PTNR LLC
C/O KIERAN J SHANAHAN
120 E HARGETT ST STE 300
RALEIGH NC 27601-1440

1703787444
HORSE NOSE VILLA LLC
415 N BLOODWORTH ST STE 1003
RALEIGH NC 27604-1591

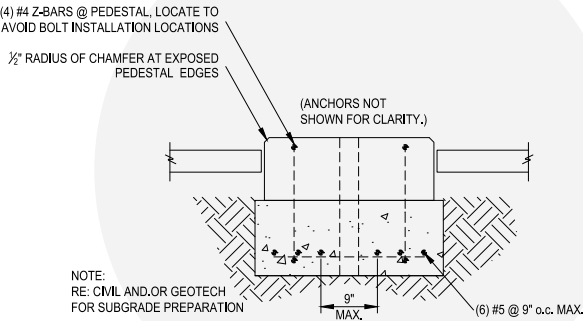
IKE Foundation Detail

Typical foundation is less than 2'-0" deep.

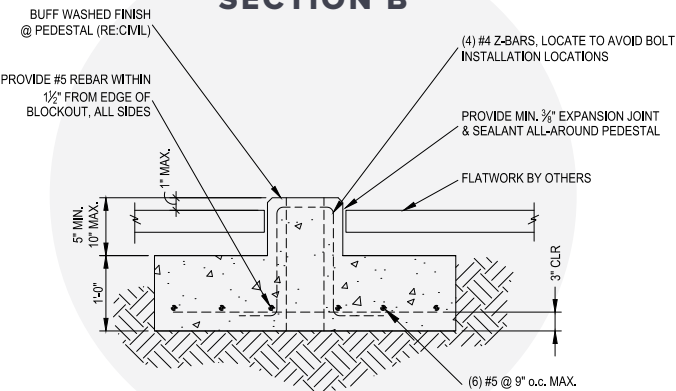
PLAN VIEW



SECTION A

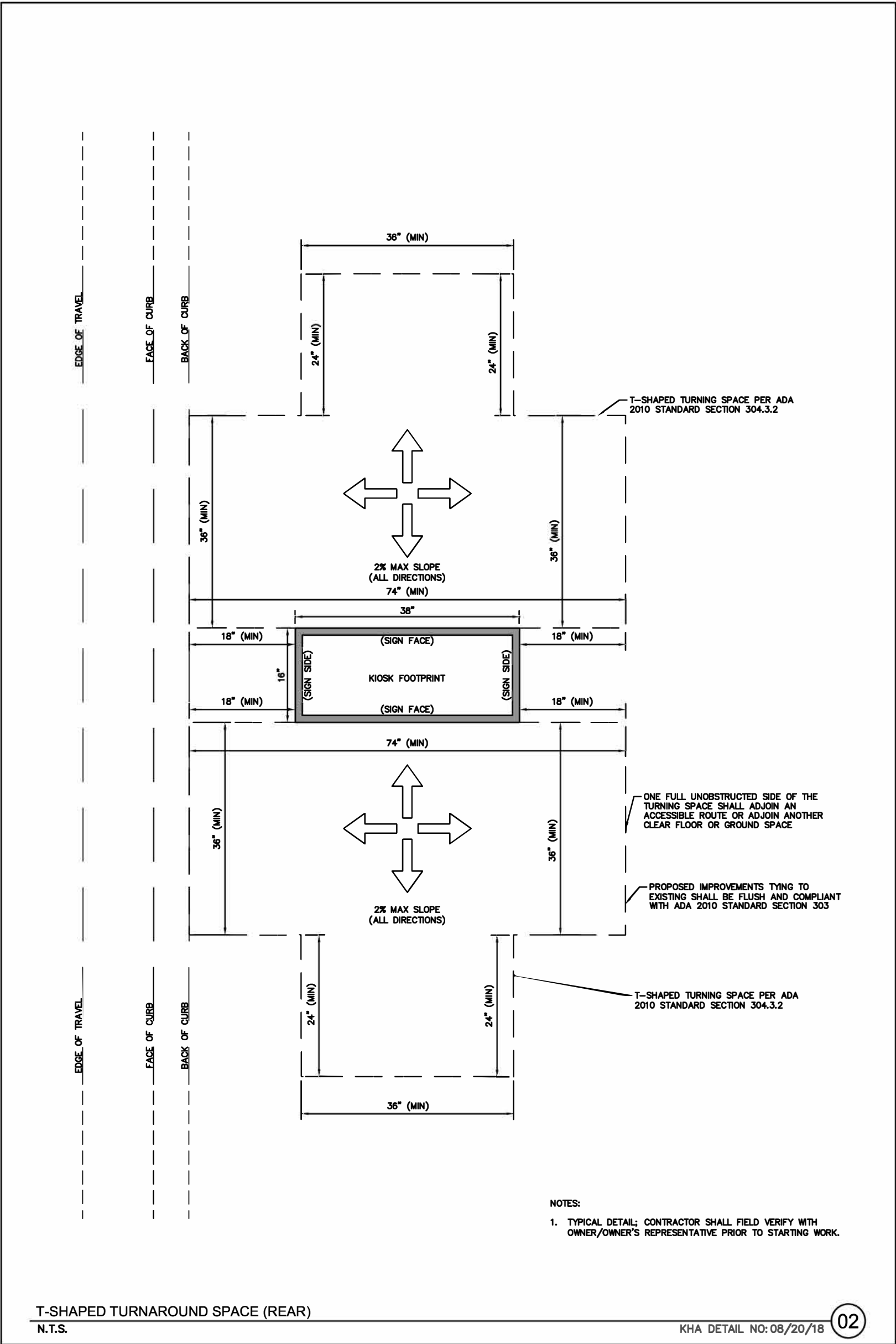


SECTION B



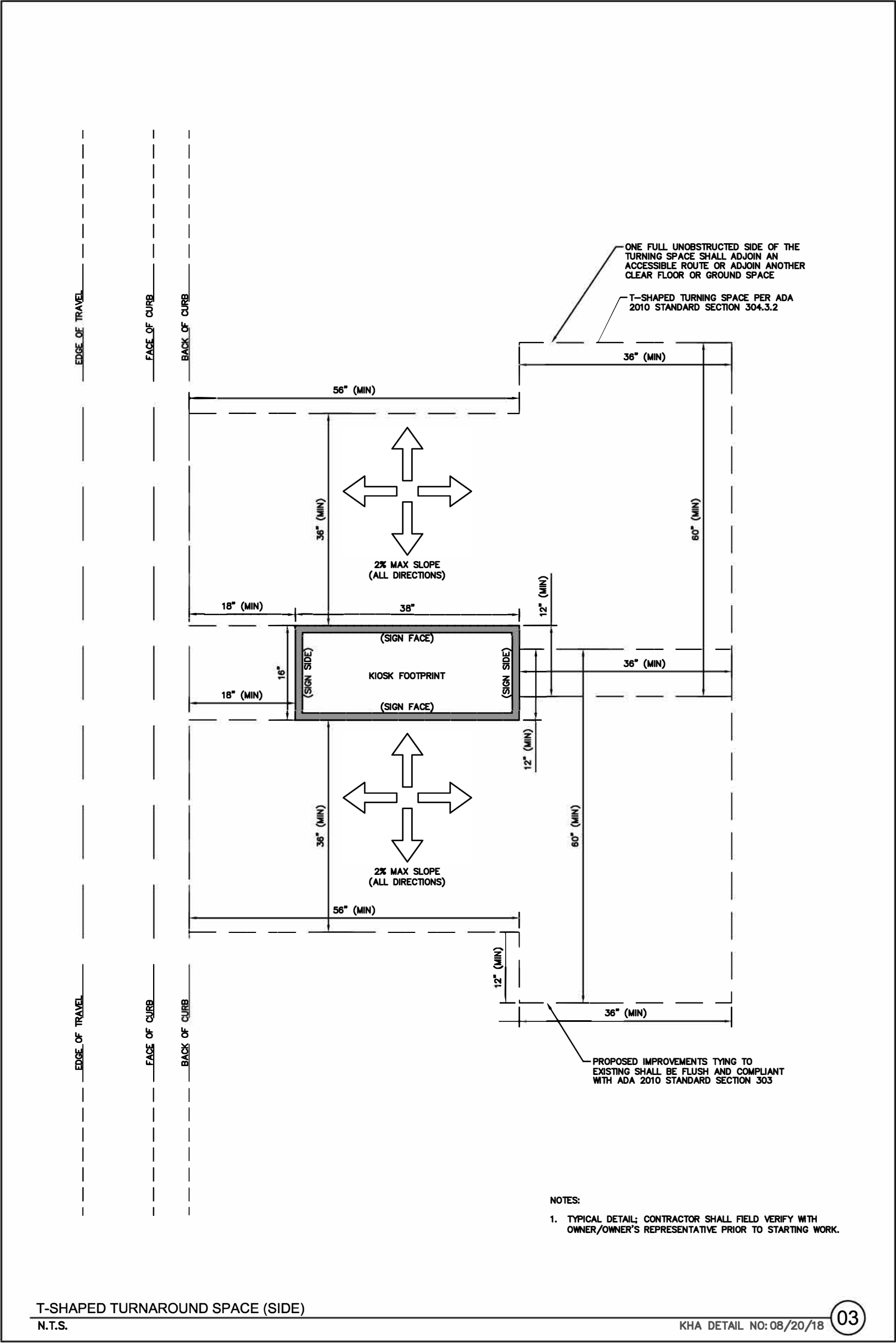
IKE ADA Detail

Site specific site plans are in progress. At each site, accessibility compliance shall be achieved as indicated in one of these two details. A minimum 48" accessible path of travel shall be maintained adjacent to each kiosk. Each kiosk shall be set back a minimum of 24" from the street curb face.



IKE ADA Detail

Site specific site plans are in progress. At each site, accessibility compliance shall be achieved as indicated in one of these two details. A minimum 48" accessible path of travel shall be maintained adjacent to each kiosk. Each kiosk shall be set back a minimum of 24" from the street curb face.



Light Study

The base levels for daytime and nighttime can be set to meet the city's needs (as long as it does not diminish the visibility of ads and applications), and the system will continually adjust for ambient light conditions. The screen height of IKE kiosks ensures light is focused at street level and does not impact upper stories.

When conducting a light study for the IKE Kiosks in Denver, each location had a unique ambient level with a corresponding monitor brightness level around .24FC over ambient at 32ft (20 unique measurements were taken to arrive at this average). The sky was twilight and each kiosk is located in a downtown setting surrounded by large buildings, streetlights, electric business signs, moving vehicles, trees, various reflective surfaces and people. The following results are based on an average per kiosk.

BRIGHTNESS TEST SUMMARY 10:00PM 5-5-18

■ Ambient (monitor off) ■ Monitor On

