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The Charge

- Prepare a conceptual master plan for exterior sign systems in accordance with parameters defined by the “Wayfinding Analysis and Master Plan for Future Signage Needs” dated March 1, 1996. Prepare a document illustrating key concepts and designs for sign system components.
- Coordinate the design of the exterior sign system in tandem with the NC State identity design which will include colors, typography, and graphic standards.
- Conceptually design the primary and secondary campus gateways.
- Prepare design drawings for the basic sign components.
- Define graphic standards for the system including guidelines for typefaces, word spacing, line breaks, letter spacing and other typographic issues.
- Develop an estimated construction budget for implementation.
- Recommend a system of fabrication and potential kit-of-parts.

The Goals

The designers and committee performed extensive research into the existing conditions on campus and the needs of an exterior signage system. The University signage project created an effective network of exterior signage which applies to all nine campus precincts defined in the physical master plan.

- Provide clear wayfinding to residents and visitors.
- Promote a clear understanding of the physical environment of campus.
- Help control traffic and security as the campus grows.
- Provide pedestrian and vehicular scaled signage.
- Enhance accessibility for all users.
- Graphic compatibility with new NC STATE identity and graphic system.
- Integrated into the campus context to enhance the image of the University.
- Produce community pride of place related to conversation of important university history.
- Compatibility with a variety of exterior architectural styles.
- Economical fabrication and installation.
- Graphic guidelines which are easy to apply to a variety of conditions.
- Easy identification of signs on campus by all users.
- Visual consistency.
- Utilize a combination of colors and materials used consistent throughout the campus brick, anodized natural aluminum, white painted panels, NC STATE red, and neutral grey.
- Design a kit-of-parts which will allow easy manufacturing/ordering of pieces and/or assembly by NC STATE personnel.
- Ease of maintenance.

The Team

Lorenc Design/Atlanta was contracted to provide consultation services to develop a campus exterior signage system for North Carolina State University. A wayfinding analysis and master plan for future signage needs was completed in collaboration with Muhlhausen Design and Associates. The work was completed with a Steering Committee for the University Signage Project which consisted of the following members:

Jessica Baker
University Publications

Carolyn Bunn
Staff Senate

Josh Carr
Student

Meredith Davis
School of Design

Thomas Fairve-Pulk
Facilities Planning & Design

The Team

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Update, 2016

The 2015 sign manual was updated to reflect current 2010 ADA requirements. In March 2015, the 2003 Exterior Signage Manual was updated to remove unused and include new signs and standards on campus.

David Josephus
Office of the University Architect
Application of Sign Standards

The standards included in this document are guidelines to facilitate a clear and effective means of understanding and using the campus at the North Carolina State University’s facilities. The campus has many diverse needs and circumstances and an absolute set of standards is impractical in application. These standards represent a means of addressing the most prevalent situations which will be encountered on campus both in retrofitting the existing buildings and in new construction. The primary needs of information, direction and identification are described herein, these standards represent an approach which can be extended to the many variations which will occur in an organization as diverse and complex as NC STATE.

The exterior sign system was built to comply with all applicable local, state and federal codes and regulations when signs are on public right-of-way. It will be the primary objective of the exterior sign system to provide people with the necessary information to find their destinations along a chosen route through the campus. The information provided may be verbal (typographic) or non-verbal (pictographic). The exterior sign system was designed with a wayfinding approach, which is congruent with the following sample characteristics: layout, spatial content, form, organization and circulation. The exterior sign system provides for uniformity for all buildings and sites within the campus. The exterior sign system components are manufactured using materials and equipment owned and maintained by NC STATE Facilities Division personnel.

System Design Criteria

The Exterior Sign System is Designed to Meet the Following Criteria:

The system should provide uniformity throughout the campus. The sign types are modular to provide consistency and aid in the recognition of sign information. The sign types indicated in this document describe the individual sign module categorized by function and size. Each sign type may be divided into sub categories (i.e. 3A, 3B) which groups them for specific size and or need requirements.

Message design, nomenclature and application is standardized according to the sign types in this document. Message legibility is considered from the perspective of a variety of users: visitors, university community, vendors and service people, people with vision impairment and people with mobility impairment, and other users. The building number sign system will comply with university address numbering system as requested by the city of Raleigh.

System Manufacture

The Exterior Sign System consists of a kit-of-parts with a diverse system with minimal pieces, minimal differing technologies of manufacturing, and the ability to update and be installed by NC STATE personnel. The Kit-of-Parts will Include the Following Pieces: Aluminum pre-cut panels: Flat and Rolled-out for maximum yield. Major Columns, Caps, and Connective Extrusions. Minor Columns, Poles, Caps and Connective Extrusions. Vinyl Lettering and Vinyl Sheets. Mounting Hardware: Screws and Stand-offs.
The NC State campus exterior sign system includes six distinct components, which may contain sub-sets within each category. The first two components, North Carolina State University Gateways and the Campus District Gateways, set the tone for the overall visual character of the sign system. The remaining four categories are the workhorses of the overall signage system. These sign types take visual cues from the gateways in an abbreviated fashion since they are repeated in some cases hundreds of times. The signs are maintained by NC State Facilities Division. The design shown here has gone through a design evolution and illustrates definitive scale, location, and typographic standards as set in section two which follows.

**System Components**

The system includes the following six components:

- **Gateways** - Ceremonial gateway signs acknowledging ceremonial entrances as well as new approach portals. These signs delineate the “sense of entrance” and provide “sense of place” at the three proposed portals.

- **Campus District Gateways** - Identify separate campus districts at their entry portals. These will relate to the vocabulary set forth in the Gateway Signs.

- **Visitor Information & Directional Signs** - Macro to Micro campus wayfinding signs providing vehicular and pedestrian direction to nodal parking (macro) as well as to key individual buildings on the site (micro).

- **Visitor Orientation Kiosks** - Visitors are able to identify their location by a “You Are Here” on a map and choose a way to get to their destination. These signs serve both vehicular orientation and pedestrian orientation.

- **Street Name and Bus Stop Identification** - These signs identify the boundary of the campus and the WolfLine bus stops and routes.

- **Parking Lot/Area Identification** - These signs identify the parking lots at their vehicular entrances and pedestrian walkways.

- **Building Identification** - Signs which identify buildings within the main campus.

- **Accessible Building Identification** - These signs identify accessible and inaccessible entrances of each building. At each inaccessible entrance of the building, a directional sign will be provided to direct disabled users to the nearest accessible entrance. Also, accessible directional signs (freestanding or wall mounted) are provided along the accessible routes.

- **Trail Signage System** - Signs to identify the Rocky Branch Trail, informational kiosks for pedestrian orientation to areas of interest along the path, rules and regulations signs, and other signage to identify and clarify points along the creek path.
All components of the exterior signage will comply with the following general guidelines. These guidelines include graphic standards which illustrate the NC STATE UNIVERSITY identity, signage typography, style and spacing, character spacing, kerning, message hierarchy, and message breaks, along with pictograms and arrows. Signage finish and installation guidelines are illustrated in this section.
NC STATE UNIVERSITY

NC STATE UNIVERSITY

NC STATE UNIVERSITY
ABCDEF GHIJKLMNOPQRSTUVWXYZ
abcdefg hi jklm nopqrstuvwxyz1234567890

Univers 47 Condensed Light (Used Only for Logo)

ABCDEF GHIJKLMNOPQRSTUVWXYZ
abcdefg hi jklm nopqrstuvwxyz1234567890

Univers 57 Condensed (Primary Head Usage)

ABCDEF GHIJKLMNOPQRSTUVWXYZ
abcdefg hi jklm nopqrstuvwxyz1234567890

Univers 67 Condensed Bold (Secondary Usage)
Letter and Word Spacing

When using the Univers family of typefaces, the overall spacing should be optimized at 60% with a minimum of 50% and maximum of 70%. In order to ease readability, all copy should be tracked out to 100/1000em. (These settings reflect the optimal spacing relationships as they exist in Adobe InDesign when setting type in other applications.)

Kerning

It is always necessary to do at least minimal kerning to close any visual gaps between letter forms. This helps by closing any visual gaps between letters, that may break-up words and cause interrupted reading. In order to ensure that the reader’s eye moves smoothly across several lines of copy, visual letter spacing is important.

By changing the space between certain letter combinations or “kerning,” visual gaps which disrupt uniform readability can be equalized for optimal visual balance and legibility. In the example D “s” moves to left in the word “Kenan” to fill the visual gap that exists because of the open right side of the letter “K.” The “c” moves to the left to undercut the top of the “T” and “h” in the word “Technology” moves over to balance the space created by the right side of the letter “c.”

The amount of kerning will depend on the letter pairing. Since there is no set formula for kerning, kerning pairs between problem letters can be constructed by the University Architect in order to ensure proper spacing on all signs. All type should be approved by the University Architect.

Line Spacing

The vertical space between lines is called leading and is measured from the baseline of one line of type to the baseline of the next. Individual sign types will identify particular line spacings. The standard for type leading in the absence of other directions will be 170% of the cap height. For example, if the cap height of the type is 5/16”, then the standard vertical line spacing for additional lines will be 1/2” measured from baseline to baseline. It is important that line spacing remain consistent throughout all sign types in order to ensure visual uniformity.

*Note: Most building identification signs and all directional signs have specified leading. Since these signs utilize rules to break information they have greater line spacing, usually 300% of the cap height depending on the scale of the sign.
All Copy to align flush left.

Copy should offset equal to the width of an uppercase M.

Back panel denotes the building name.

Address number aligns with the x-height of the college name placed within the title bar.

Note: The thickness of all dividing rules should be equal to the horizontal strokes in Univers 47 (light) condensed at the same size as the typeface in which it is dividing (such as department names above.)

2345

College Name

Department Name 1

Department Name 2

Department Name 3

With Two Lines

Note: The thickness of all dividing rules should be equal to the horizontal strokes in Univers 47 (light) condensed at the same size as the typeface in which it is dividing (such as department names above.)
Description:
The arrow included herein is to be the standard NC STATE arrow which will be utilized for all directional information. Its design is sympathetic to the Univers typeface as specified here. You will also note the height of the arrow in relationship to its adjacent typography.

Sign arrows should only be used in the orientations shown. The arrow rotates at a 45 degree increment in order to retain consistency. The graphic in the center of the page depicts the proper alignment and spacing of the arrow to support the information. The size of the arrow is gauged by the inside points of the arrow wings. This point aligns with the cap height of the corresponding category title. The arrow should be positioned on the opposite side of the vertical bar (margin dividers) and be offset the amount of space occupied by a cap “M.”

X equals thickness of Univers 47
Note: Arrow outline should remain this thickness even when Univers 57 is used with an arrow, i.e. Vehicular directional signs.

The space between right side of arrow unity and vertical rule equals Univers 47 Cap H.

The space between left side of building copy and vertical rule equals equal to Univers 47 Cap H.

The space between right side of arrow unity and vertical rule equals Univers 47 Cap H.
The Office of the University Architect (OUA) shall review and approve exterior building-mounted signage for form and scale relative to the building and sign location. OUA will provide guidance in identifying and meeting critical criteria for university approval.

Criteria:

A sign indicating the name for corporate partners, NC State research institutes, or centers that occupy more than 50% of the total leasable area in buildings over 50,000 gross square feet and at least 3 stories in height, (one) sign is allowed. Sign drawings must be submitted to the Centennial Campus Development Office who will submit through the University’s FACMOD process for comment and/or approval.

The name and logo sign types serve to identify the building occupant. Signage will be evaluated for:

- **Location** - Signage will be evaluated for campus neighborhood, orientation, and/or proximity to other buildings.
- **Total Composition** - The entire composition of the signage and existing building elements is considered when determining the appropriate placement of the sign.
- **Material** - Approved materials are: raised metal, stainless steel, aluminum, bronze, or high impact plastic.
- **Lighting** - Sign illumination shall be permitted by back-lighting of the sign or its components using LED Lighting.
- **Mounting** - shall be designed and sealed by a professional engineer. Minimize number and size of exterior wall penetrations.
- **Text** - Signage shall be limited to the corporate name or logo. Additional words are not permitted. Text can be comprised of both upper case and lower case letters.
- **Size** - Total sign area - not to exceed 120 square feet (X x Y = 120 sq ft). Total sign area is based on greatest height (Y) times the greatest width (X) of area as calculated for name or logo and not for individual letters or characters.
Fabrication and Installation:

1. All materials must be new stock, free from any defects impairing strength, durability or appearance.
2. All aluminum fabrication must be fabricated per the Contract Documents. All joints must be welded, filled, ground and sanded smooth prior to painting to insure an uniform surface.
3. Fasteners are exposed except where noted on Contract Documents. All fasteners are to be stainless steel.
4. When dissimilar metals are in contact, the contacting surfaces must be coated with anodic paint to prevent oxidation and electrolysis. Aluminum and steel are not to come in contact.
5. All aluminum materials must be thoroughly sanded to remove oxidation and primed prior to painting to ensure maximum paint adhesion.
6. All corners shall be 90 degrees with crisp, clean edges.
7. Sign faces must be left clean.
8. Edges are to be created smooth and straight.
9. Prime coats of other surface pre-treatment, where recommended by the manufacturer for inks and paints, shall be included as part of the finished surface worked into the extra cost to the owner.
10. Painted surfaces are to be resistant to crazing, peeling, scratching, and fading.
11. A polyurethane coating shall be applied to seal the paint and preserve the surface from wear and oxidation.
12. All joints shall be evenly applied without pinholes, scratches, orange peeling, application marks, and other imperfections.
13. Workmanship with finishes and formation of letters shall conform to the highest standards of the trade.
14. Original by each sign shall be prepared by the Contractor.

The messages are to be photo typeset; no hand cutting of screens or templates is permitted. All symbols, logos, and copy, etc. are to be photographed and reproduced. Artwork will be provided by the University where noted.
15. All letters forms shall be aligned to maintain a baseline parallel to the type format. Margins must be maintained as specified by type sizes in the drawings.
16. All vinyl cutting shall be executed in such a manner that all edges and corners of finished letter forms are true and clean. All cuts must adhere for a specified 1 year or will be replaced by the signages contractor free of charge. Where specified, one engineer grade reflective material on exterior signs.
17. All installation will be coordinated through the University. No installation shall be permitted without sign-off of construction and final location approval through the owner.
18. The contractor shall field verify all measurements indicated on drawings to establish correctness.
19. Fостиng. Perform all footing necessary for all exterior sign types to assure a one time erection with proper, 0.5” x 2” x 4” post. All footings for fixed standing signs are to be adequate depth for the sign type in Section Four of this contract.
20. All installation will be conducted on the grade which is maintained 1'-0" as shown on the left.

Condition 1 - When the sign is installed on the grade which is sloping down from the street level, the dimension from the street level to the bottom of the sign must maintain 1'-0" as shown on the left.

Condition 2 - When the sign is installed on the grade which is sloping up from the street level, one round tube of the sign must be exposed 1'-0" from the grade as shown on the left.

Condition 3 - Round head, one-way, #14 in screw polished finishes, to fit 1/4” diameter holes, angle to post connection.

Condition 4 - Round head, one-way, #14 with nylon insert locknut polished finishes, to fit 1/4” diameter holes, rolled blade into plate connection angle.

Condition 5 - Prior to application the signage contractor must submit all fasteners, paint, and vinyl samples of each type to the University for written approval.

Signage Orientation & Location:

Each sign will be located and oriented as recommended per sign type in Section Four of this Design Guidelines manual. If site condition does not allow a sign to be installed as recommended herein, the University will determine its location and orientation.
3.2 SIGN TYPE 1  
CAMPUS AREA IDENTIFICATION

Material / Size / Color:
- Box Sign (Red Campus Precinct Portion) - Surface painted RED
  Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #7725-63, Geranium Red, Satin finish (wrap around sides and top).
- Box Sign (White University Logo Portion) - Painted WHITE
  Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #3470, Matte White, High-Gloss finish.

Graphics / Typography / Colors:
- University Logo - 9-1/2" cap height, Univers 67 and 47 upper case only, BLACK surface applied vinyl letters to match 3M #3475 Matte Black.
- Campus Precinct - Univers 57, 4" cap height, WHITE surface applied vinyl graphics to match 3M #3470 Matte White.

Note: refer to prescribed typeface conventions and dimensions by NC State University for signage. Include in shop drawings.

Median must not exceed 6” from top of curb for areas where curb and gutter is used.
Material / Size / Color:

A1 - Cast aluminum cap to fit into 5” O.D. tube, horizontal brushed clear anodized aluminum.
A0 - Aluminum round tube, 5” O.D., 1/4” wall thickness, horizontal brushed clear anodized aluminum of 5’-3” length and 3’-2 3/4” height above brick.
C25 - 1/2” thick painted aluminum plate of 4’ wide and 2’-0” high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal vinyl #7725-63, Geranium Red, Satin finish.
C26 - 1/4” thick painted aluminum flush mounted to panel of 3/8” wide and 7” high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #7725-63, Geranium Red, Satin finish.
C28 - 1/2” thick painted aluminum plate of 7’-4 3/4” wide and 2’-0” high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal vinyl. #7725-63, Geranium Red, Satin finish.
C29 - 1/4” thick painted aluminum support plate, BLACK matthews Acrylic Polyurethane 41-306 Signal Jet Black, Matte finish.
D10 - 1/4” thick painted aluminum plate of 5’-11 3/8” wide and 2’-5” high, slightly curved (22º 0’ R), WHITE Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl M70, Matte White, High Gloss finish.
E1 - Painted 1/8” thick aluminum angle, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #7725-63, Geranium Red, Satin Finish, shaped to conform to 5” O.D. round tube for attachment of flat RED panels to 5” O.D. round tube.
E10 - 1” x 1” extruded aluminum angle bracket secured to mounting plate, 5’-0” high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #7725-63, Geranium Red, Satin finish.

Graphics / Typography / Colors:

Vertical Rule Line - RED vinyl, 3/8” thick solid line. This is to be applied over horizontal rule lines. (3M Scotchal #7725-53, Geranium Red).
University Logo - 3” cap height, Univers 67 and 47 upper case only, WHITE surface applied vinyl graphics to match 3M #3470 Matte White.
Name of Building - Univers 57, 7” cap height, BLACK surface applied vinyl letters to match 3M #3475 Matte Black.
Material / Size / Color:

- C25 - 1/2" thick painted aluminum plate of 4'-0" wide and 2'-0" high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal vinyl #7725-63, Geranium Red, Satin finish.
- C26 - 1/4" thick painted aluminum flush-mounted to panel of 3/8" wide and 7'-0" high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal vinyl #7725-63, Geranium Red, Satin finish.
- C27 - 1/2" thick painted aluminum plate of 5'-6-5/8" wide and 2'-0" high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal vinyl #7725-63, Geranium Red, Satin finish.
- D9 - 1/4" thick painted aluminum plate; 6'-5" wide and 2'-6" high, slightly curved (14'-0" R); WHITE Matthews Acrylic Polyurethane paint to match 3M Scotchal vinyl #3470, Matte White, High-Gloss finish.

Graphics / Typography / Colors:

- Vertical Rule Line - RED vinyl, 3/8" thick solid line. This line is to be applied over horizontal rule lines. (3M Scotchal #7725-53, Geranium Red).
- Horizontal Rule Line - BLACK vinyl die-cut of 3/8" thick solid line.
- Names of Departments and Tenants - Univers 57 upper and lower cases, 5" cap height, and BLACK vinyl letters (3M Scotchal #3475, Matte Black).
- University Logo - 3" cap height, univers 67 and 47 upper case only, WHITE vinyl machine cut letters.
- Name of Center - Univers 46 Condensed Light; 4-1/2" cap height, BLACK vinyl machine cut letters.
- Building Number - Univers 57 Condensed; 1-3/4" cap height, BLACK vinyl machine cut letters.
- Address Number - Univers 57; 3/8" cap height, RED vinyl machine cut numbers.

Refer to prescribed typeface conventions, dimensions, and colors by NC State University for signage, include in shop drawings.

Brick Specifications:
- Lee Brick #200F Flash, common, smooth, or approved equal.
- Cast stone wall coping color and texture shall match campus standard: tan (FR-6) by Cast Stone Systems, Inc.

Contractor shall provide shop drawings.

For 4" cast stone wall coping provide (2) 35-5/8" lengths for finished end segments and (1) 19-5/8" length for center segment with 3/8" joint, as shown; provide joint sealant between segments.
Description:
This kit-of-parts concept is designed to minimize the number of components, and to simplify the assembly of the sign system. This will allow the use of in-house capability for simple construction, graphics layout, assembly and installation. As a result of the kit-of-parts concept the University will be able to economically implement and maintain the complete signage system.

The kit-of-parts consists of these basic components:

A - 5" O.D. clear brushed anodized aluminum round tube
A1 - Cast brushed, clear aluminum cap
A2 - 5" O.D. x 8'-9" h.
A3 - 5" O.D. x 8'-3" h.
A4 - 5" O.D. x 7'-9" h.
A5 - 5" O.D. x 6'-9" h.
A6 - 5" O.D. x 5'-6" h.
A7 - 5" O.D. x 4'-3" h.
A8 - 5" O.D. x 7'-0" h.
A9 - 5" O.D. x 3'-23/4" h.
B - 3" O.D. clear brushed anodized aluminum round tube
B1 - Cast brushed clear aluminum cap
B2 - 3" O.D. x 8'-9" h.
B3 - 3" O.D. x 8'-3" h.
B4 - 3" O.D. x 7'-6" h.
B5 - 3" O.D. x 6'-6" h.
B6 - 3" O.D. x 5'-6" h.
B7 - 3" O.D. x 4'-0" h.
B8 - 3" O.D. x 2'-6" h.
B9 - 3" O.D. x 4'-6" h.
C - 1/4", 1/2", and 1/8" thick painted Red and White aluminum flat panels
C1 - 4'-0" h. x 5'-0" w.
C2 - 4'-0" h. x 3'-3" w.
C3 - 4'-0" h. x 1'-3" w.
C4 - 4'-0" h. x 4" w.
C5 - 3'-0" h. x 5'-0" w.
D - 1/4" thick painted White aluminum curved panels
D1 - 6'-0" h. x 1'-3" w. (Approx.)
D2 - 6'-0" h. x 6'-0" w. (Approx.)
D3 - 3'-0" h. x 8'-0" w. (Approx.)
D4 - 3'-0" h. x 4'-3" w. (Approx.)
D5 - 2'-0" h. x 6'-0" w. (Approx.)
D6 - 2'-0" h. x 5'-0" w. (Approx.)
D7 - 2'-0" h. x 4'-3" w. (Approx.)
D8 - 5'-0" h. x 3'-2" w. (Approx.)
D9 - 5'-0" h. x 6'-0" w. (Approx.)
D10 - 2'-0" h. x 8'-11 3/8" w.
E - Special aluminum angles painted Red or Green for connection of flat panels to round tubes; or painted Black to connect rolled panels to round tubes
F - 3/8" wide and 1/4" thick vertical dimensional rules, painted RED
G - Stainless steel fasteners, polished finish
H - Attachments for Additional Information
K - 3/4" Painted MD Board
M - Welded Plate Connector
P - Painted 4" x 4" Posts
T - Typography Standards
TYPICAL CONNECTION DETAILS

Detail of Connections to 3" Pole for ST 9B and 9C

Scale: 1/2" = 1'

Detail of Typical Connections to 3" Pole

Scale: 1/2" = 1'
Detail of Typical Footing

Scale: 1/2" = 1'

Maximum Pile and Concrete Footing

Finished grade

Shape Final Grade Away from Posts to Facilitate Drainage. If Applicable: Set Brick and Fit Around Post.

4000 PSI Regular Weight Concrete Approximate 2.4' x 9'

Provide an anchor for single pole mounted sign.

Apply 3/4" Bond Resin Around Post Embedded in Concrete to Provide an Additional Protective Barrier.

min. var

Not to Scale

Detail of Typical Connections to 5" Pole

Scale: 1/2" = 1’

Office of the University Architect

Revised August 2016
**Material/Size/Color:**
- **A1**: Cast aluminum cap, clear brushed anodized aluminum.
- **A2**: Clear brushed anodized aluminum tube, 5” O.D. and 8’-9” ht. above finished grade.
- **B1**: Cast aluminum cap, clear brushed anodized aluminum.
- **B3**: Clear brushed anodized aluminum tube, 3” O.D. and 8’-6” ht. above finished grade.
- **C1**: 1/2” thick painted aluminum plate of 5’-0” wide and 4’-0” high, RED.
- **C4**: 1/2” thick painted aluminum plate of 4” wide and 4’-0” high, RED.
- **D2**: 1/4” thick painted aluminum plate of 6’-0” wide and 4’-0” high, slightly curved (18’-8” R.), WHITE.
- **D5**: 1/4” thick painted aluminum plate of 6’-0” wide and 2’-0” high, slightly curved (18’-8” R.), WHITE.
- **E1**: Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- **E2**: Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- **E3**: Painted aluminum angle extruded for attachment to 5” O.D. round tube, BLACK.
- **E4**: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **E5**: Painted aluminum angle extruded for attachment to 5” O.D. round tube, BLACK.

**Graphics/Typography/Colors:**
- **Name of the University**: Official logotype, 2.5” cap ht. and WHITE vinyl machine-cut letters.
- **Campus Designation**: Univers 57 U/L cases, 2.5” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- **Arrow**: BLACK vinyl machine-cut and 6” ht.
- **Parking Symbol**: BLACK vinyl machine-cut and 8” ht.
- **Directional Information**: UNIVERS 57 U/L cases, BLACK vinyl machine-cut letters and 6” ht.
- **Vertical Rule Line**: RED vinyl machine-cut and 3/8” thick.
- **Horizontal Rule Line**: BLACK vinyl machine-cut and 1/8” thick dashed line and solid line.

**Description:**
This sign type serves to guide visitors from major artery streets to nodal parking areas and campus areas, i.e., North Campus. The size of this sign type makes it suitable for major artery streets where legibility is more difficult.

- This non-illuminated sign type is single-sided and can accommodate up to seven (7) separate directional messages.
- This sign type is to be located along the major artery street and positioned perpendicular to primary traffic flow. The 5” O.D. column always stands toward the street side. Since desired location may fall within State and City right-of-ways, approval will be necessary from the appropriate regulatory agency prior to fabrication.
- This sign contains a red header acknowledging "NC STATE UNIVERSITY," a 10% grey bar informing which area of campus you are in, i.e., South Campus, and directional messages.
- NC STATE will undertake a programming exercise of comprehensive vehicular directive needs on the campus and develop a final message schedule.

**E6**: Painted aluminum angle extruded for attachment to rolled panel, BLACK.

**F1**: 3/8” wide, 1/4” thick, and 3” high painted aluminum flush mounted to panel C1, RED.

**NOTES:** The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

**MAJOR ARTERY VEHICULAR DIRECTIVE**
This sign type serves to guide visitors from major artery streets to nodal parking areas and campus areas, i.e., North Campus. The size of this sign type makes it suitable for major artery streets where legibility is more difficult.

- This non-illuminated sign type is single-sided and can accommodate up to seven (7) separate directional messages.
- This sign type is to be located along the major artery street and positioned perpendicular to primary traffic flow. The 5” O.D. column always stands toward the street side. Since desired location may fall within State and City right-of-ways, approval will be necessary from the appropriate regulatory agency prior to fabrication.
- This sign contains a red header acknowledging "NC STATE UNIVERSITY," a 10% grey bar informing which area of campus you are in, i.e., South Campus, and directional messages.
- NC STATE will undertake a programming exercise of comprehensive vehicular directive needs on the campus and develop a final message schedule.

**Material/Size/Color:**
- **A1**: Cast aluminum cap, clear brushed anodized aluminum.
- **A2**: Clear brushed anodized aluminum tube, 5” O.D. and 8’-9” ht. above finished grade.
- **B1**: Cast aluminum cap, clear brushed anodized aluminum.
- **B3**: Clear brushed anodized aluminum tube, 3” O.D. and 8’-6” ht. above finished grade.
- **C1**: 1/2” thick painted aluminum plate of 5’-0” wide and 4’-0” high, RED.
- **C4**: 1/2” thick painted aluminum plate of 4” wide and 4’-0” high, RED.
- **D2**: 1/4” thick painted aluminum plate of 6’-0” wide and 4’-0” high, slightly curved (18’-8” R.), WHITE.
- **D5**: 1/4” thick painted aluminum plate of 6’-0” wide and 2’-0” high, slightly curved (18’-8” R.), WHITE.
- **E1**: Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- **E2**: Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- **E3**: Painted aluminum angle extruded for attachment to 5” O.D. round tube, BLACK.
- **E4**: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **E5**: Painted aluminum angle extruded for attachment to 5” O.D. round tube, BLACK.

**Graphics/Typography/Colors:**
- **Name of the University**: Official logotype, 2.5” cap ht. and WHITE vinyl machine-cut letters.
- **Campus Designation**: Univers 57 U/L cases, 2.5” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- **Arrow**: BLACK vinyl machine-cut and 6” ht.
- **Parking Symbol**: BLACK vinyl machine-cut and 8” ht.
- **Directional Information**: UNIVERS 57 U/L cases, BLACK vinyl machine-cut letters and 6” ht.

**NOTES:** The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.
**Description:**

This sign type serves to guide visitors from minor road streets to nodal parking areas and major destinations, i.e., Bell Tower. Due to its smaller size from ST 3A, this sign type is better suited for minor roads within the University campus.

This non-illuminated sign type is single-sided and can accommodate up to six (6) separate directional messages (with one listing per line).

This sign type is to be located along the minor roads and positioned perpendicular to primary traffic flow. The 5” O.D. column always stands toward the street side.

Since desired location may fall within City right-of-ways, approval will be necessary from the appropriate regulatory agency prior to fabrication.

This sign contains a red header acknowledging “NC State University,” a 10% grey bar informing which area of campus you are, i.e., South Campus, and directional messages.

NC State will undertake a programming exercise of comprehensive vehicular directive needs on the campus and develop a final message schedule.

*NOTE: The sign message shown here is illustrative purpose only. The final sign message schedule will be developed for implementation.*

**Material / Size / Color:**

- **A1:** Cast aluminum cap, clear brushed anodized aluminum.
- **A5:** Aluminum tube, 5” O.D. and 6’-9” ht. above finished grade, clear brushed anodized aluminum.
- **B1:** Cast aluminum cap, clear brushed anodized aluminum.
- **B5:** Aluminum tube, 3” O.D. and 6’-6” ht. above finished grade, clear brushed anodized aluminum.
- **C1:** 1/2” thick painted aluminum plate of 5’-0” wide and 4’-0” high, **RED**.
- **C4:** 1/2” thick painted aluminum plate of 4” wide and 4’-0” high, **RED**.
- **D2:** 1/4” thick painted aluminum plate of 6’-0” wide and 4’-0” high, **WHITE**.
- **E1:** Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, **RED**.
- **E2:** Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, **RED**.
- **E3:** Painted aluminum angle extruded for attachment to 5” O.D. round tube, **BLACK**.
- **E4:** Painted aluminum angle extruded for attachment to rolled panel, **BLACK**.
- **E5:** Painted aluminum angle extruded for attachment to 5” O.D. round tube, **BLACK**.
- **E6:** Painted aluminum angle extruded for attachment to rolled panel, **BLACK**.
- **F1:** 3/8” wide 1/4” thick and 3’ high painted aluminum flush mounted to panel C1, **RED**.

**Graphics / Typography / Colors:**

- **Name of the University:** Official logotype, 2.5” cap ht. and **WHITE** vinyl machine-cut letters.
- **Campus Designation:** Univers 57 U/L cases, 2.5” cap ht. and **BLACK** vinyl machine-cut letters with 10% **GREY** vinyl background.
- **Arrow:** **BLACK** vinyl machine-cut and 4.5” ht.
- **Directional Information:** Univers 57 U/L cases, **BLACK** vinyl machine-cut letters and 3.5” cap ht.
- **Vertical Rule Line:** **RED** vinyl machine-cut and 3/8” thick.
- **Horizontal Rule Line:** **BLACK** vinyl machine-cut and 1/8” thick dashed line and solid lines.

**Material / Size / Color:**

- **A1:** Cast aluminum cap, clear brushed anodized aluminum.
- **A5:** Aluminum tube, 5” O.D. and 6’-9” ht. above finished grade, clear brushed anodized aluminum.
- **B1:** Cast aluminum cap, clear brushed anodized aluminum.
- **B5:** Aluminum tube, 3” O.D. and 6’-6” ht. above finished grade, clear brushed anodized aluminum.
- **C1:** 1/2” thick painted aluminum plate of 5’-0” wide and 4’-0” high, **RED**.
- **C4:** 1/2” thick painted aluminum plate of 4” wide and 4’-0” high, **RED**.
- **D2:** 1/4” thick painted aluminum plate of 6’-0” wide and 4’-0” high, slightly curved (18’-8” R.), **WHITE**.
- **E1:** Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, **RED**.
- **E2:** Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, **RED**.
- **E3:** Painted aluminum angle extruded for attachment to 5” O.D. round tube, **BLACK**.
- **E4:** Painted aluminum angle extruded for attachment to rolled panel, **BLACK**.
- **E5:** Painted aluminum angle extruded for attachment to 5” O.D. round tube, **BLACK**.
- **E6:** Painted aluminum angle extruded for attachment to rolled panel, **BLACK**.
- **F1:** 3/8” wide 1/4” thick and 3’ high painted aluminum flush mounted to panel C1, **RED**.
Description:
This sign type serves to guide visitors from minor road streets to nodal parking areas and major destinations, i.e. Bell Tower. Due to its smaller size from ST 3A, this sign type is better suited for minor roads within the University campus.
This non-illuminated sign type is single-sided and can accommodate up to six (6) separate directional messages.
This sign type is to be located along the minor roads and positioned perpendicular to primary traffic flow. The 5” O.D. column always stands toward the street side. Since desired location may fall within City right-of-ways, approval will be necessary from the appropriate regulatory agency prior to fabrication.
This sign contains a red header acknowledging “NC STATE UNIVERSITY”, a 10% grey bar informing which area of campus you are, i.e. South Campus, and directional messages.
NC STATE will undertake a programming exercise of comprehensive vehicular directive needs on the campus and develop a final message schedule.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- B1 - Cast aluminum cap, clear brushed anodized aluminum.
- B7 - Aluminum tube, 3” O.D., 1/4” wall thickness, horizontal brushed clear anodized aluminum, length varies, 6’-0” min. in above grade.
- C9 - 1/4” thick painted aluminum plate of 3’-0” high, RED Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #7725-63, Geranium Red, Satin finish.

Graphics / Typography / Colors:
- Name of the University - Official logotype, 2.5” cap ht. and WHITE vinyl machine-cut letters.
- Campus Designation - Univers 57 U/L cases, 2.5” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Arrow - BLACK vinyl machine-cut and 4.5” ht.
- Directional Information - Univers 57 U/L cases, BLACK vinyl machine-cut letters and 2” cap ht.
- Small Animal Emergency - Univers 47 Condensed Light, Bold, 2” cap ht. and RED vinyl machine-cut letters.
- Vertical Rule Line - RED vinyl machine-cut and 3/8” thick.
- Horizontal Rule Line - BLACK vinyl machine-cut and 1/8” thick dashed line and solid lines.

Elevation View, Short Listing
Scale: 3/4” = 1’-0”

Elevation View, Reverse of Long Listing
Scale: 3/4” = 1’-0”

Elevation View, Long Listing
Scale: 3/4” = 1’-0”

OFFICE OF THE UNIVERSITY ARCHITECT - REVISED AUGUST 2016
Description:
This sign type serves to guide visitors from nodal parking areas to key destinations within a walking distance. The use of this sign type makes it suitable for directing visitors along the sidewalks. This non-illuminated sign type is double-sided and can accommodate up to six (6) separate directional messages.

This sign type is to be located along the sidewalks and positioned perpendicular to primary traffic flow. The sign blade always faces toward the sidewalk.

This sign contains a red vinyl header reinforcing NC State identity, a 10% grey bar informing which area of campus you are in, i.e. South Campus, and directional messages.

NC State will undertake a programming exercise of comprehensive pedestrian directive needs on the campus and develop a final message schedule.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Materials / Size / Color:
- B1 - Cast aluminum cap, Clear anodized brushed aluminum, "horizontal brush"
- B9 - Aluminum tube, 3" O.D. and 4'-6" ht. above finished grade, Clear anodized brushed aluminum, "horizontal brush"
- C6 - 1/4" thick painted aluminum plate of 1'-0" wide and 3'-0" high, WHITE
- E2 - Painted aluminum angle extruded for attachment of flat panel to round tube, RED

Graphics / Typography / Colors:
- Campus Designation - Univers 57 U/L cases, 1" cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Arrow - BLACK vinyl machine-cut and 1.625" ht.
- Directional Information - Univers 57 U/L cases, BLACK vinyl die-cut letters and 1" cap ht.
- Vertical Rule Line - RED vinyl machine-cut and 1/8" thick.
- Horizontal Rule Line - BLACK vinyl machine-cut and 1/8" thick dashed line and solid lines.

*Note: All copy will be flush left for both sides of this sign. Copy area shifts 1" left and right to accommodate 1" bracket attachment.
**Description:**
This sign type serves to guide visitors from nodal parking areas to key destinations within a walking distance. The size of this sign type makes it suitable for directing visitors along the sidewalks.

This non-illuminated sign type is double-sided and can accommodate up to six (6) separate directional messages. A separate blade can be attached to the sign to provide information or identify accessible routes. This sign type is to be located along the sidewalks and positioned perpendicular to primary traffic flow. The sign blade always faces toward the sidewalk.

This sign contains a red vinyl header reinforcing NC STATE identity, a 10% grey bar informing which area of campus you are in, i.e. South Campus, and directional messages.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

**Material / Size / Color:**
- B1 - Cast aluminum cap, clear brushed anodized aluminum.
- B9 - Aluminum tube, 2 1/2" O.D. and 4'-6" ht. above finished grade, clear brushed anodized aluminum.
- C6 - 1/4" thick painted aluminum plate of 1'-0" wide and 3'-0" high, WHITE.

**Graphics / Typography / Colors:**
- Campus Designation - Univers 57 U/L cases, 1" cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Arrow - BLACK vinyl machine-cut 1.625" ht.
- Directional Information - Univers 57 U/L cases, 1" cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Vertical Rule Line - RED vinyl machine-cut and 1/8" thick.
- Horizontal Rule Line - BLACK vinyl machine-cut and 1/8" thick dashed line and solid lines.
- Vertical Rule Line - GREEN vinyl machine-cut and 1/8" thick solid line.

*Note: All copy will be flush left for both sides of this sign. Copy area shifts 1" left and right to accommodate 1" bracket attachment.
Description:
This sign type serves to guide visitors from nodal parking areas to key destinations within a walking distance. The size of this sign type makes it suitable for directing visitors along the sidewalks. 

This non-illuminated sign type is double-sided and can accommodate up to six (6) separate directional messages. A separate blade can be attached to the sign to provide information or identify accessible routes. This sign type is to be located along the sidewalks and positioned perpendicular to primary traffic flow. The sign blade always faces toward the sidewalk.

This sign contains a red vinyl header reinforcing NC STATE identity, a 10% grey bar informing which area of campus you are in, i.e. South Campus, and directional messages.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- **B1** - Cast aluminum cap, clear finished anodized aluminum.
- **B9** - Aluminum tube, 2 1/2” O.D. and 4’-6” ht. above finished grade, clear brushed anodized aluminum.
- **C6** - 1/4” thick painted aluminum plate of 1’-0” wide and 5’-0” high, WHITE.
- **C13** - 1/4” thick painted aluminum plate of 1’-0” wide and 1’-0” high, WHITE.
- **E2** - Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.
- **Graphics / Typography / Colors:**
  - **Campus Designation:** Univers 57 U/L cases, 1” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
  - **Arrow:** BLACK vinyl machine-cut and 1.625” ht.
  - **Directional Information:** Univers 57 U/L cases, BLACK vinyl machine-cut letters and 1” cap ht.
  - **Vertical Rule Line:** RED vinyl machine-cut and 1/8” thick.
  - **Horizontal Rule Line:** BLACK vinyl machine-cut and 1/8” thick dashed lines and solid lines.
  - **Vertical Rule Line:** GREEN vinyl machine-cut and 1/8” thick solid line.

*Note: All copy will be flush left for both sides of the sign. Copy area shifts 1” left and right to accommodate 1” bracket attachment.*
Description:
This sign type serves to guide visitors from nodal parking areas to key destinations within a walking distance. The use of this sign type makes it suitable for directing visitors along the sidewalks.

This non-illuminated sign type is double-sided and can accommodate up to six (6) separate directional messages. A separate blade can be attached to the sign to provide information or identify accessible routes. This sign type is to be located along the sidewalks and positioned perpendicular to primary traffic flow. The sign blade always faces toward the sidewalk.

This sign contains a red vinyl header reinforcing NC State identity, a 10% gray bar informing which area of campus you are in, i.e. South Campus, and directional messages.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- **B1**: Cast aluminum cap, clear brushed anodized aluminum.
- **B9**: Aluminum tube, 2 1/2" O.D. and 4'-6" ht. above finished grade, clear brushed anodized aluminum.
- **C6**: 1/4" thick painted aluminum plate of 1'-0" wide and 5'-0" high, WHITE.
- **C17**: 1/4" thick painted aluminum plate of 10" wide and varying height, WHITE.
- **E2**: Painted aluminum angle extended for attachment of flat panel to 3" O.D. round tube, RED.

Graphics / Typography / Colors:
- **Arrow**: BLACK vinyl machine-cut and 1.625" ht.
- **Directional Information**: Univers 57 U/L cases, 1" cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- **Vertical Rule Line**: RED vinyl machine-cut and 1/8" thick.
- **Horizontal Rule Line**: BLACK vinyl machine-cut and 1/8" thick dashed line and solid lines.
- **Vertical Rule Line**: GREEN vinyl machine-cut and 1/8" thick solid line.

*Note: All copy will be flush left for both sides of the sign. Copy area shifts 1" left and right to accommodate 1" bracket attachment.
Description:
This sign type serves to guide visitors from nodal parking areas to key destinations within a walking distance. The size of this sign type makes it suitable for directing visitors along the sidewalks.

This non-illuminated sign type is double-sided and can accommodate up to six (6) separate directional messages. A separate blade can be attached to the sign to provide information or identify accessible routes. This sign type is to be located along the sidewalks and positioned perpendicular to primary traffic flow. The sign blade always faces toward the sidewalk.

This sign contains a red vinyl header reinforcing NC State University identity, a 10% grey bar informing which area of campus you are in, i.e. South Campus, and directional messages.

*NOTE: The sign message shown here is illustrative purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- **B1** - Cast aluminum cap, clear brushed anodized aluminum.
- **B9** - Aluminum tube, 2.1/2” O.D. and 4’-6” ht. above finished grade, clear brushed anodized aluminum.
- **C17** - 1/4” thick painted aluminum plate 1’-4” wide and 8” high, WHITE.

Graphics / Typography / Colors:
- **Campus Designation** - Univers 57 U/L cases, 1” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- **Arrow** - BLACK vinyl machine-cut and 1.625” ht.
- **Directional Information** - Univers 57 U/L cases, BLACK vinyl machine-cut letters and 1” cap ht.
- **Vertical Rule Line** - RED vinyl machine-cut and 1/8” thick.
- **Horizontal Rule Line** - BLACK vinyl machine-cut and 1/8” thick dashed line and solid lines.
- **Vertical Rule Line** - GREEN vinyl machine-cut and 1/8” thick solid line.

*Note: All copy will be flush left for both sides of the sign. Copy area shifts 1” left and right to accommodate 3” bracket attachment.
**SIGN TYPE 5A**

**BUS STOP IDENTIFICATION**

**Description:**

The purpose of this sign type is to identify a Wolfline bus stop. Each round post will accommodate one double-sided non-illuminated sign. The top sign section displays the name, symbol and bus stop ID number of the bus system, and the bottom section carries the message, i.e. Centennial Campus/Varsity/Fraternity Court.

This sign type is to be located along the Wolfline bus route and positioned perpendicular to primary traffic flow. The sign blade always stands toward the street side. Since desired location may fall within State and City right-of-ways, approval will be necessary from the appropriate regulatory agency prior to fabrication.

For additional information and specifications, contact the Transportation Office at NC State.

**Material / Size / Color:**

- **B1** - Cast aluminum cap, clear finished anodized aluminum.
- **B2** - Aluminum tube, 3" O.D. and 8'-9" ht. above finished grade, clear finished anodized aluminum.
- **C11** - 1/4" thick painted aluminum plate of 1'-3" wide and 1'-9" high, WHITE.
- **E2** - Painted aluminum angle extruded for attachment of flat panel to round tube, RED.

**Graphics / Typography / Colors:**

- "WOLFLINE" - Univers 57, 1.5" cap ht. and WHITE vinyl machine-cut letters over RED vinyl, centered to the panel.
- Wolfline Symbol - WHITE vinyl machine-cut letters and 1" cap ht.
- Bus Route Name - Univers 57 U/L cases, BLACK vinyl machine-cut letters and 1" cap ht.
- Horizontal Rule Line - BLACK vinyl machine-cut and 1/8" thick dashed line.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.*
Description:
The purpose of this sign type is to identify a parking lot as secondary identification. This secondary sign is used in addition to ST 10C, Area Identification, as a primary parking identification.

This sign is to be located around the parking lot as needed at pedestrian egress points where it reminds users of the parking lot name. The sign blade always stands toward the sidewalk side.

Each round post will accommodate one double-sided non-illuminated sign. The top sign section displays the copy “PARKING”, parking symbol and lot number, and the bottom section carries the message, name of parking, i.e. Riddick Lot.

*For additional information and specifications, contact the Transportation Office at NC State.

Material / Size / Color:
- B1 - Cast aluminum cap, clear finished anodized aluminum.
- E2 - Clear brushed anodized aluminum tube, 3” O.D. and 8’-9” ht. above finished grade.
- C11 - 1/4” thick painted aluminum plate of 1’-3” wide and 1’-9” high, WHITE.
- E2 - Painted aluminum angle extruded for attachment of flat panel to round tube, RED.

Graphics / Typography / Colors:
- “PARKING” - Univers 57, 1.5” cap ht. and WHITE vinyl machine-cut letters over RED vinyl, centered to the panel.
- Parking Symbol - WHITE vinyl machine-cut and 10” Dia., centered to the panel.
- Campus Lot Designation - Univers 57 U/L cases, BLACK vinyl machine-cut letters and 1.25” cap ht.
- Horizontal Rule Line - BLACK vinyl die-cut and 1/8” thick dashed line.

*Note: Copy area shifts 1” left and right to accommodate 1” bracket attachment.
Description:
The purpose of this sign type is to identify permitted and visitor parking spaces. This sign contains a RED vinyl header with NC STATE logo. It denotes, Reserved, Visitor, Vendor, and Zone Permit parking spaces. Signs are made from standard metal signs “blanks” mounted to a standard U-channel.

For additional information and specifications, contact the Transportation Office at NC State.

Material / Size / Color:
- Sign Blank: 1'-0" wide and 1'-6" high, reflective WHITE.
- Pole - galvanized U-channel.
- Graphics / Typology / Colors:
  - University Logo: official logotype, 3/4" cap height, WHITE vinyl letters on RED vinyl background.
  - Parking Designation: Univers 67, 1.75" cap height, BLACK.
  - Zone Logo: Univers 67, 3.5" cap height, BLACK or WHITE on 7" vinyl circle, color or 70% GREY with 70% contrast between letters and circle.
  - Permit Designation: Univers 67, 1" cap height, BLACK letters.
  - Towing Message: Univers 57, 1" cap height, BLACK.
**Description:**
This sign is used for permanent parking messages and placed near the entry to the lot.

For additional information and specifications, contact the Transportation Office at NC State.

**Material / Size / Color:**
- **Sign Blank**: 24" x 24" white reflective sign blank.
- **Pole**: Galvanized U-channel.

**Graphics / Typography / Colors:**
- **Name of University**: University logotype, 1" cap height, WHITE letters on RED vinyl background.
- **Designation**: Univers 67, 2" cap height, BLACK vinyl letters.
- **Zone Logo**: Univers 67, 5" cap height, WHITE vinyl letters in 9.5" circle.
- **Message**: Univers 67, 1" cap height, BLACK vinyl letters.
- **Towing Message**: Univers 57, 1" cap height, BLACK vinyl letters on YELLOW reflective vinyl background.
1. This project shall provide the footings, conduit-feeds, electrical power, telephone unit installation, telephone cable installation and handicapped accessible walkways to new emergency blue light telephone.

2. All drawings to be followed in accordance with ADA accessibility guidelines.

3. NCSU Communication Technologies shall coordinate the following:
   A. Cross connection of the telephone drop wire to active dial tone (at telephone and at campus building terminal).
   B. Installation of Bell South telephone drop wire from nearest Bell South underground cable to telephone set. (Remote location only).
   C. Ordering and provision of dial tone to Bell South.

4. Note: Information shown is for reference only. Contractor should consult latest version of manufacturer’s installation documentation prior to work.

*For emergency blue light specifications, contact Environmental Health & Public Safety at NC State or go to www.ncsu.edu/ehps/.
SIGN TYPE 6

MAJOR ARTERY STREET IDENTIFICATION

Description:
This sign type will be used to identify all streets which travel into or through the University campus. Each post will accommodate two (2) double-sided signs positioned perpendicular to each other. All street signs are to be identical in size and mounted at a consistent height. These signs installed at those locations which are adjacent to and located within the University.

The sign is to be positioned so that the messages are located parallel to the streets which they identify.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:

B1 - Cast aluminum cap, clear brushed anodized aluminum.

B2 - Clear brushed anodized aluminum tube, 3” O.D. and 8’-9” h.t. above finished grade.

C12 - 1/8” thick aluminum plate of 3’-3” wide and 1’-0” high, painted WHITE with RED painted background and BLACK and WHITE reflective vinyl letters.

E2 - Painted aluminum angle extruded for attachment of flat panel to round tube, RED.

Graphics / Typography / Colors:

Street Name - Univers 57 U/L cases, 4.29” cap ht. and WHITE reflective vinyl machine-cut letters with RED background.

“ST”, “RD”, etc. - Univers 57 upper case only, WHITE reflective vinyl machine-cut letters and 2” cap ht.

Campus Designation - Univers 57 U/L cases, BLACK reflective vinyl machine-cut letters and 2” cap ht.

Block Number - Univers 57 U/L cases, BLACK reflective vinyl machine-cut letters and 2” cap ht.

Vertical and Horizontal Alignment

The vertical and horizontal alignment of the text must be carefully maintained with the baselines shown here. Note in the detail view of “Hillsborough St’ that the cap ‘H’ and cap ‘S’ extend beyond the vertical and horizontal alignment axes to provide the correct visual alignment.

NOTE A
In certain cases, this dimension may be adjusted to be 1.75”. The test to determine if this dimension may be changed is that if the street name, when typeset, is longer than 28” (the approximate length of the name "Hillsborough"), then the dimension noted here may be adjusted to 1.75”. While this general test provides an approximate guide for most situations, this decision must be made on a case by case basis by the University Architect.

In no circumstance may this measurement be any dimension other than 3.5” or 1.75”.

*Note: Prior to fabrication this sign must get a written approval from the City of Raleigh.
Description:

This sign type serves to provide visitors an overall view of campus map, printed materials and call box for additional assistance upon their arrival to the Visitor Welcome Center.

A detailed construction document of this sign type will need to be developed illustrating all material sizes, finishes, and installation.

The map used for this sign type, as shown, is a conceptual map from the wayfinding report. This map will need to be refined for actual application.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material/Size/Color:

- **A1**: Cast aluminum cap, clear brushed anodized aluminum.
- **A5**: Aluminum tube, 3" O.D. and 6'-6" ht. above finished grade, clear brushed anodized aluminum.
- **B1**: Cast aluminum cap.
- **B5**: Aluminum tube, 3" O.D. and 6'-6" ht. above finished grade, clear brushed anodized aluminum.
- **C1**: 1/2" thick painted aluminum plate of 5'-0" wide and 4'-0" high, RED.
- **C4**: 1/2" thick painted aluminum plate of 4" wide and 4'-0" high, RED.
- **D2**: 1/8" thick painted aluminum plate of 6'-0" wide and 4'-0" high, slightly curved, WHITE.
- **E1**: Painted aluminum angle extruded for attachment of flat panel to 5" O.D. round tube, RED.
- **E2**: Painted aluminum angle extruded for attachment of flat panel to 5" O.D. round tube, RED.
- **E3**: Painted aluminum angle extruded for attachment to 3" O.D. round tube, BLACK.
- **E4**: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **E5**: Painted aluminum angle extruded for attachment to 3" O.D. round tube, BLACK.
- **E6**: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **F1**: 1/8" wide, 1/4" thick, and 7" high painted aluminum fin mount to panel C1, RED.
- **H1**: Speaker phone for information.
- **H2**: Weather-proof box for print materials.

Graphics/Typography/Colors:

- **Name of the University** - Official logotype, 2.5" cap ht. and WHITE vinyl machine-cut letters.
- **Campus Designation** - Univers 57 U/L cases, 2.5" cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- **Information Symbol** - BLACK vinyl machine-cut and O.D. with 10% GREY vinyl background.
- **Map** - Approximately 2'-4" by 2'-4", the final campus map to be designed and output in color using 3M Scotchprint technology.
- **Copy** - The listing and the cap ht. to be determined.
- **Vertical Rule Line** - RED vinyl machine-cut of 1/8" thick solid line, and BLACK vinyl machine-cut of 1/8" thick solid line.
Description:

This unmanned orientation kiosk will be placed at all nodal parking areas, campus courtyards, academic neighborhoods, Wolfline bus shelters and pedestrian campus gateways.

Each kiosk will display a campus map, a detail map of the immediate area where the kiosk is located and a complete campus building directory. The detail map should show adjacent buildings, streets, pathways, wheelchair accessible routes, bus line stops, architectural landmarks and a “you are here” marker.

The map is orientated to the direction of the viewer.

The placement of orientation kiosks within courtyards and neighborhoods will provide the University with an opportunity to establish official names for these areas and reinforce the neighborhood centers proposed by the Physical Master Plan.

* NOTE: The sign message shown here is illustrative purpose only. The final sign message schedule will be developed for implementation.

Material/Size/Color:

A1 - Cast aluminum cap, clear brushed anodized aluminum.
A4 - Aluminum tube, 3” O.D. and 7’-9” ht. above finished grade, clear brushed anodized aluminum.
B1 - Cast aluminum cap, clear brushed anodized aluminum.
B4 - Aluminum tube, 3” O.D. and 7’-6” ht. above finished grade, clear brushed anodized aluminum.
C2 - 1/2” thick painted aluminum plate of 3’-3” wide and 4’-0” high, RED.
C4 - 1/2” thick painted aluminum plate of 4” wide and 4’-0” high, RED.
D4 - 1/4” thick painted aluminum plate of 4’-3” wide and 3’-0” high, slightly curved, WHITE.
D7 - 1/4” thick painted aluminum plate of 4’-3” wide and 2’-0” high, slightly curved, WHITE.
E1 - Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
E2 - Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.
E3 - Painted aluminum angle extruded for attachment to 3” O.D. round tube, BLACK.
E4 - Painted aluminum angle extruded for attachment to rolled panel, BLACK.
E5 - Painted aluminum angle extruded for attachment to 3” O.D. round tube, BLACK.
E6 - Painted aluminum angle extruded for attachment to rolled panel, BLACK.

F1 - 3/8” wide, 1/4” thick, and 3” high painted aluminum flush mounted to panel C2, RED.
H2 - Waterproof container for visitor information print material, WHITE.

Graphics/Typography/Colors:

Name of the University - Official logotype, 2” cap ht. and WHITE vinyl machine-cut letters.
Campus Designation - Univers 57 Regular U/L cases, 2” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
Information Symbol - BLACK vinyl machine-cut and 6” O.D. with 10% GRAY vinyl background.
Maps - Approximately 2’-0” by 3’-0” for large and 6” by 6” for small map, the final campus maps to be designed and output in color using 3M Scotchprint technology.
Copy - The listing and the cap ht. to be determined.

Vertical Rule Line - RED vinyl machine-cut of 3/8” thick solid line, and BLACK vinyl machine-cut of 1/8” thick solid line.
Description:
This temporary sign is used to indicate accessible pedestrian routes around construction sites.

Allowable information on the sign is limited to the following: a temporary project illustration, heading, listing, and site information as seen in the examples to the left. Designer and/or vendor logos are not permitted either 7C or 7D.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

ST 7C: Temporary Construction Kiosk
Material / Size / Color:
K1 - 3/4" MD board painted WHITE on all sides.
P1 - 4" x 4" posts painted BLACK on all sides.

Graphics / Typography / Colors:
Headings - Univers 67, 1-1/2" cap height and BLACK text on WHITE background.
Listings - Univers 57, 1-1/2" cap height and BLACK text on WHITE background.
Title - Univers 67, 2" cap height and BLACK text on WHITE background.
Fundraising Listing - Dutch 801 RM BT Bold, 1" cap height and WHITE text on RED (PMS 186, CMYK: 0, 100, 81, 4) background.
Map - Graphic varies, sized 22" width, 20" height.

ST 7D: Temporary Construction Fundraising Kiosk
Material / Size / Color:
K1 - 3/4" MD board painted WHITE on all sides.
P1 - 4" x 4" posts painted BLACK on all sides.

Graphics / Typography / Colors:
Headings - Univers 67, 1-1/2" cap height and BLACK text on WHITE background.
Listings - Univers 57, 1-1/2" cap height and BLACK text on WHITE background.
Fundraising Listing - Dutch 801 RM BT Bold, 1" cap height and WHITE text on RED (PMS 186, CMYK: 0, 100, 81, 4) background.
Map - Graphic varies, sized 22" width, 20" height.
**Description:**
This sign type serves to identify buildings with a maximum of four (4) lines of copy for department or discipline names to be listed. This sign displays the building and college names, street address number and departments or disciplines. If the building houses more than four (4) departments or disciplines to be listed, the sign type 8B will be used.

The college name will be displayed only if its dean’s office resides within the building.

This non-illuminated sign will carry the identical messages on both sides. The sign will be located behind the right-of-way with a setback, if required, by the City, and positioned perpendicular to the street.

**Material / Size / Color:**
- A7 - Aluminum tube, 3” O.D. and 4’-3” ht. above finished grade, clear brushed anodized aluminum.
- B1 - Cast aluminum cap, clear brushed anodized aluminum.
- B7 - Aluminum tube, 3” O.D. and 4’-0” ht. above finished grade, clear brushed anodized aluminum.
- C9 - 1/2” thick painted aluminum plate of 4’-0” wide and 2’-0” high, RED.
- C10 - 1/2” thick painted aluminum plate of 4” wide and 2’-0” high, RED.
- D6 - 1/4” thick painted aluminum plate of 5’-0” wide and 2’-0” high, slightly curved (14’-0” R.), WHITE.
- E1 - Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- E2 - Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.
- E3 - Painted aluminum angle extruded for attachment to 3” O.D. round tube, BLACK.
- E4 - Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- E5 - Painted aluminum angle extruded for attachment to 5” O.D. round tube, BLACK.
- E6 - Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- F1 - 3/8” wide, 1/4” thick, and 4” high painted aluminum flush mounted to panel C9, RED.

**Graphics / Typography / Colors:**
- Name of the Building - Univers 67 upper case only, 2.25” cap ht. and WHITE vinyl machine-cut letters.
- Address Number - Univers 57, 3” cap ht. and RED vinyl machine-cut letters.
- Name of College - Univers 57 U/L cases, 2” cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Building Number - Univers 57, 1.75” cap height, BLACK vinyl machine-cut letters.
- Copy of Listing - Univers 57 U/L cases, 1.375” cap ht. and BLACK vinyl machine-cut letters.
- Vertical Rule Line - RED vinyl die-cut of 3/8” thick solid line.
- Horizontal Rule Line - BLACK vinyl die-cut of 1/8” thick dashed line.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.*
For Long Name Hall

FOR LONG NAME HALL

4485 College of Example 078

For Example Department
For Example Department
For Example Department
For Example Department

Description:
This sign type serves to identify buildings with a maximum of eight (8) lines of copy for departments or disciplines to be listed. This sign displays building and college names, street address number and departments or disciplines (up to 8 names). If the building houses less than four (4) departments or disciplines to be listed, the sign type 8A will be used. The college name will be displayed only if the dean's office resides within the building. This non-illuminated sign will carry the identical messages on both sides. The sign will be located behind the right-of-way with a setback if required by the City, and positioned perpendicular to the street.

Material / Size / Color:
- A1: Cast aluminum cap, clear brushed anodized aluminum.
- A7: Aluminum tube, 5" O.D. and 4'-3" ht. above grade, clear brushed anodized aluminum.
- B1: Cast aluminum cap, clear brushed anodized aluminum.
- B7: Aluminum tube, 3" O.D. and 4'-0" ht. above grade, clear brushed anodized aluminum.
- C8: 1/2" thick painted aluminum plate of 5'-0" wide and 2'-0" high, RED.
- C10: 1/2" thick painted aluminum plate of 4" wide and 2'-0" high, RED.
- D5: 1/4" thick painted aluminum plate of 6'-0" wide and 2'-0" high, slightly curved, WHITE.
- E1: Painted aluminum angle extruded for attachment of flat panel to 5" O.D. round tube, RED.
- E2: Painted aluminum angle extruded for attachment of flat panel to 3" O.D. round tube, RED.
- E3: Painted aluminum angle extruded for attachment to 3" O.D. round tube, BLACK.
- E4: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- E5: Painted aluminum angle extruded for attachment to 5" O.D. round tube, BLACK.
- E6: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- F4: 3/8" wide, 1/4" thick, and 7" high painted aluminum flush mounted to panel C8, RED.

Graphics / Typography / Colors:
- Name of the Building: Univers 67 upper case only, 2.25" cap ht. and WHITE vinyl machine-cut letters.
- Address Number: Univers 57, 3" cap ht. and RED vinyl machine-cut letters.
- Name of College: Univers 57 U/L cases, 2" cap ht. and BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Building Number: Univers 57, 1.75" cap height, BLACK vinyl machine-cut letters with 10% GREY vinyl background.
- Copy of Listing: Univers 57 U/L cases, 1.375" cap ht. and BLACK vinyl die-cut letters.
- Black Vinyl Machine-Cut of 3/8" thick solid line.

NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Schematic Location Plan

Not to Scale

Material / Size / Color:
- A1: Cast aluminum cap, clear brushed anodized aluminum.
- A7: Aluminum tube, 5" O.D. and 4'-3" ht. above grade, clear brushed anodized aluminum.
- B1: Cast aluminum cap, clear brushed anodized aluminum.
- B7: Aluminum tube, 3" O.D. and 4'-0" ht. above grade, clear brushed anodized aluminum.
- C8: 1/2" thick painted aluminum plate of 5'-0" wide and 2'-0" high, RED.
- C10: 1/2" thick painted aluminum plate of 4" wide and 2'-0" high, RED.
- D5: 1/4" thick painted aluminum plate of 6'-0" wide and 2'-0" high, slightly curved, WHITE.
- E1: Painted aluminum angle extruded for attachment of flat panel to 5" O.D. round tube, RED.
- E2: Painted aluminum angle extruded for attachment of flat panel to 3" O.D. round tube, RED.
- E3: Painted aluminum angle extruded for attachment to 3" O.D. round tube, BLACK.
- E4: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- E5: Painted aluminum angle extruded for attachment to 5" O.D. round tube, BLACK.
- E6: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- F4: 3/8" wide, 1/4" thick, and 7" high painted aluminum flush mounted to panel C8, RED.
Description:
This sign type serves to identify building complexes with no department or building listings. This sign displays building the building name.
Three non-illuminated sign will carry the identical messages on both sides. The sign will be located behind the right-of-way with a setback frequently by the City, and positioned perpendicular to the street.

Material / Size / Color:
- **A1**: Cast aluminum cap, clear brushed anodized aluminum.
- **A6**: Aluminum tube, 5" O.D., clear brushed anodized aluminum.
- **B1**: Cast aluminum cap, clear brushed anodized aluminum.
- **B6**: Aluminum tube, 3" O.D., clear brushed anodized aluminum.
- **C7**: 1/2" thick painted aluminum plate of 4" wide and 3'-0" high, RED.
- **C25**: 1/2" thick painted aluminum plate of 6'-3" wide and 3'-0" high, RED.
- **D9**: 1/4" thick painted aluminum plate of 7'6" wide and 3'-0" high, slightly curved (18'-8" R.), WHITE.
- **E5**: Painted aluminum angle extruded for attachment to 5" O.D. round tube, BLACK.
- **E6**: Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **F1**: 3/8" wide, 1/4" thick, and 2" high painted aluminum flush mounted to panel A6, RED.

Graphics / Typography / Colors:
- **Name of the University**: Official logotype, 3" cap ht. and WHITE vinyl machine-cut letters.
- **Name of the Building Complex**: Univers 37UUT cases, 6" cap ht. and BLACK vinyl machine-cut letters.
- **Vertical Rule Line**: RED vinyl machine-cut of 3/8" thick solid line.
- **Horizontal Rule Line**: BLACK vinyl machine-cut of 3/8" thick solid line.

* NOTE: The sign message shown here is illustrative purpose only. The final sign message schedule will be developed for implementation.
SIGN TYPE 8D

BUILDING MOUNTED LOCATION MAP

Description:
This sign type serves to guide visitors to areas or key destinations within a walking distance. The size of this sign type makes it suitable for directing visitors along the sidewalks.

This non-illuminated sign type is single-sided displaying a location map of the immediate area where the sign is located and a legend. The map should show adjacent buildings, pathways, wheelchair accessible routes, and a "you are here" marker.

This sign type is to be located along the sidewalks and mounted to the building surface.

This sign contains a red vinyl header reinforcing NC STATE identity, and a location map.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:

C21 - 1/2" thick painted aluminum plate of 14" wide and 18" high, WHITE Matthews Acrylic Polyurethane paint to match 3M Scotchal Vinyl #3470, Matte White, High-Gloss finish.

D8 - 1/4" thick painted aluminum plate of 14" wide and 5" high, slightly curved (rolled to a 14'-0" Radius), RED Matthews Acrylic Polystyrene paint to match 3M Scotchal Vinyl #7725-63, Geranium Red, Satin finish.

Graphics / Typography / Colors:

Varies

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

N/A

REVISED AUGUST 2016
OFFICE OF THE UNIVERSITY ARCHITECT
Description:
This sign type serves to identify a building that does not have a site available for ST 8A, B, or C. It may also identify up to 3 lines of type for building occupants.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- C21: 1/4" thick painted aluminum plate of 3'-0" wide and 2'-0" height, WHITE.
- D8: 1/4" thick painted aluminum plate of 3'-0" wide and 5" height, slightly curved (rolled to a 14'-0" radius), RED.

Graphics / Typography / Colors:
- Building Address: Univers 57, 3" cap height, WHITE vinyl machine-cut letters.
- Name of the Building: Univers 57, 2.25" cap height, BLACK vinyl machine-cut letters.
- Copy of Listing: Univers 57, 1.75" cap height, BLACK vinyl machine-cut letters.

Description:
This sign type serves to identify a building that does not have a site available for ST 8A, B, or C. It may also identify up to 3 lines of type for building occupants.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- C21: 1/4" thick painted aluminum plate of 3'-0" wide and 2'-0" height, WHITE.
- D8: 1/4" thick painted aluminum plate of 3'-0" wide and 5" height, slightly curved (rolled to a 14'-0" radius), RED.

Graphics / Typography / Colors:
- Building Address: Univers 57, 3" cap height, WHITE vinyl machine-cut letters.
- Name of the Building: Univers 57, 2.25" cap height, BLACK vinyl machine-cut letters.
- Copy of Listing: Univers 57, 1.75" cap height, BLACK vinyl machine-cut letters.
CENTENNIAL CAMPUS RESEARCH BUILDING IDENTIFICATION

**Description:**
This sign type serves to identify corporate or academic research building, maximum of six (6) lines of copy for department or discipline names, on Centennial Campus. This sign displays building name and/or corporate logo, street address number and departments or disciplines.

This non-illuminated sign will carry the messages on both sides of sign (double-sided). The sign will be located near the street entrance door behind the right-of-way with a setback required by the City and positioned perpendicular to the street.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.*

**Material / Size / Color:**
- **A1:** Cast aluminum cap, clear brushed anodized aluminum.
- **A6:** Aluminum tube, 5” O.D., clear brushed anodized aluminum.
- **B1:** Cast aluminum cap, clear brushed anodized aluminum.
- **B6:** Aluminum tube, 3” O.D., clear brushed anodized aluminum.
- **C5:** 1/2” thick painted aluminum plate of 5’-0” wide and 3’-0” high, RED.
- **C7:** 1/2” thick painted aluminum plate of 6’-6” wide and 3’-0” high, RED.
- **D3:** 1/4” thick painted aluminum plate of 6’-6” wide and 3’-0” high, slightly curved (18’-8” R.), WHITE.
- **E1:** Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- **E2:** Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.
- **E3:** Painted aluminum angle extruded for attachment of 5’-0” O.D. round tube, BLACK.
- **E4:** Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **E5:** Painted aluminum angle extruded for attachment to 5’-0” O.D. round tube, BLACK.
- **E6:** Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **F1:** 3/8” wide, 1/4” thick, and 10” height painted aluminum flush mounted on panel, BLACK.

**Graphics / Typography / Colors:**
- **Name of the Building:** Univers 67 upper case only, 2.5” cap ht. and WHITE vinyl machine-cut letters.
- **Address Number:** Univers 57, 3” cap ht. and RED vinyl machine-cut letters.
- **Building Number:** Univers 57, 1.75” cap height, BLACK vinyl machine-cut letters.
- **Name of Building:** if a corporate logo is being used in lieu of building name, Univers 57 U/L cases, 2” cap ht. and BLACK vinyl machine-cut letters with 10% GREY background.
- **Copy of Listing:** Univers 67 bold U/L cases, 2” cap ht. and BLACK vinyl machine-cut letters.
- **Vertical Rule Line:** RED vinyl machine-cut of 1/8” thick solid line.
- **Horizontal Rule Line:** BLACK vinyl machine-cut of 1/8” thick solid and dashed lines.

OFFICE OF THE UNIVERSITY ARCHITECT  REVISED AUGUST 2016
SIGN TYPE 10A  
BUILDING IDENTIFICATION, NO LISTING

Description:
This sign type serves to identify buildings with no department or discipline name to be listed. This sign displays building name, building number, and street address number.

This non-illuminated sign will carry the identical messages on both sides. The sign will be located behind the right-of-way with a setback required by the City and positioned perpendicular to the street.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- B1 - Cast aluminum cap, clear brushed anodized aluminum.
- B7 - Aluminum tube, 3” O.D. and 4’-0” ht. above grade, clear brushed anodized aluminum.
- C9 - 1/4” thick painted aluminum plate of 4’-0” wide and 2’-0” high, RED.
- E1 - Painted aluminum angle extruded for attachment of flat panel to round tube, RED.

Graphics / Typography / Colors:
- Name of the Building - Univers 67, upper case only, 2.25” cap ht. and WHITE vinyl die-cut letters.
- Address Number - Univers 57, 3” cap ht. and RED vinyl die-cut letters.
- Building Number - Univers 57, 1.75” cap height, WHITE vinyl die-cut letters.
- Vertical Rule Line - WHITE vinyl die-cut of 3/8” thick solid line.
Description:
This sign type serves to identify areas of campus. This sign displays only area name and street address number. This non-illuminated sign will carry the identical messages on both sides. The sign will be located behind the right-of-way with a setback required by the City and positioned perpendicular to the street.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
B1 - Cast aluminum cap, clear brushed anodized aluminum.
B7 - Aluminum tube, 3” O.D. and 4’-0” ht. above grade, clear brushed anodized aluminum.
C9 - 1/4” thick painted aluminum plate of 4’-0” wide and 2’-0” high, RED.
E1 - Painted aluminum angle extruded for attachment of flat panel to round tube, RED.

Graphics / Typography / Colors:
Name of the Area - Univers 67, upper case only, 2.25” cap ht. and WHITE vinyl machine-cut letters.
Address Number - Univers 57, 3” cap ht. and RED vinyl machine-cut letters.
Vertical Rule Line - WHITE vinyl machine-cut of 3/8” thick solid line.
Description:

This sign type serves to identify a nodal parking lot at its main entrance. The sign displays a street address, if applicable, or parking symbol and name of the lot or area. A separate message panel with public parking information may be added under the Parking Lot Identification sign.

This non-illuminated sign carries the identical messages on both sides of the sign (double-sided). It will be located behind the right-of-way with a setback required by the City and positioned perpendicular to the street.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- **B1**: Cast aluminum cap, clear brushed anodized aluminum.
- **B7**: Aluminum tube, 3” O.D. and 4’-0” ht. above grade, clear brushed anodized aluminum.
- **C9**: 1/4” thick painted aluminum plate of 4’-0” wide and 2’-0” high, RED.
- **C22**: 1/4” thick painted aluminum plate of 4’-0” wide and 9” high, WHITE.
- **E1**: Painted aluminum angle extruded for attachment of flat panel to round tube, RED.

Graphics / Typography / Colors:
- **Name of the Parking Lot**: Univers 67 upper case only, 1.75” cap ht. and WHITE vinyl machine-cut letters.
- **Campus Designation**: Univers 57, 1.75” cap ht. WHITE vinyl machine-cut letters.
- **Parking Symbol**: 6.5” circle height, 4” cap height for “P”, WHITE vinyl machine-cut and BLACK vinyl machine-cut.
- **Vertical Rule Line**: WHITE vinyl machine-cut of 3/8” thick solid line, BLACK vinyl machine-cut of 3/8” thick solid line.
- **Horizontal Rule Line**: WHITE vinyl machine-cut of 1/8” thick dotted line, and BLACK vinyl machine-cut of 1/8” thick dotted line.
**Description:**
This sign type is to identify the building address for delivery and emergency services. Each location will be evaluated separately for its optimal placement location.

The address plate will be surface mounted to the building fascia with standoffs. All hardware used must be stainless steel.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

**Material / Size / Color:**
C20 - 1/4" thick painted aluminum plate of 1' - 0" wide and 4-1/2" high, 70% GREY.

**Graphics / Typography / Colors:**
Address Number - Univers 57, 4" cap ht. and WHITE reflective vinyl machine-cut letters.
Description:
This singular sign will take the place of the existing signs along the street facing windows. To accommodate different conditions of each building, this sign has been designed as a freestanding element.

ST 12A: Retail Identification, Single Tenant
This sign type serves to identify individual retail establishments incorporated within campus buildings. This sign will allow each establishment to feature its own logo, name and hours of operation in addition to street address.

Material / Size / Color:
- A1: Cast aluminum cap, clear brushed anodized aluminum.
- A3: Aluminum tube, 5" O.D. and 8'-3" ht. above grade, clear brushed anodized aluminum.
- C3: 1/4" thick painted aluminum plate of 1'-3" wide and 4'-0" high, RED.
- C4: 1/4" thick painted aluminum plate of 4" wide and 4'-0" high, RED.
- D1: 1/4" thick painted aluminum plate of 1'-3" wide and 6'-0" high, slightly curved, WHITE.
- E1: Painted aluminum angle extruded for attachment of flat panel to 5" O.D. round tube, RED.
- E5: Painted aluminum angle extruded for attachment to 5" O.D. round tube, BLACK.

Graphics / Typography / Colors:
- Symbol or Logo - 10" Frolix, WHITE.
- Address Number - Univers 37 U/L cases, 3.5" cap ht. and BLACK vinyl machine-cut letters.
- Name of the Building - Univers 67 U/L cases, 3.5" cap ht. (may vary) and BLACK vinyl machine-cut letters.

Building Information:
- Univers 57 U/L cases, 1" cap ht. and BLACK vinyl machine-cut letters on 10% GREY vinyl background.
- Univers 67 U/L cases, 3.5" cap ht. and WHITE vinyl machine-cut letters.

Horizontal Rule Line - BLACK vinyl machine-cut of 1/8" thick dashed lines, and WHITE vinyl machine-cut of 1/4" thick solid lines.

*NOTE: The sign message shown here is for illustration purpose only. The final sign message schedule will be developed for implementation.
**Description:**

This sign type serves to identify the building entrance and its accessibility to disabled persons. The sign displays the name of the building and accessibility symbol in tactile and number 2 braille of building name.

The name of the building can be displayed in a maximum of three (3) lines of copy.

The sign will be located on the right or left side of the accessible building entrance. Each location will individually be evaluated as to where the sign should be located.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.*

**Material / Size / Color:**

C30 - 1/4" thick painted zinc plate of 1'-0" wide and 6" high, WHITE.

**Graphics / Typography / Colors:**

- Disability Symbol - 3" Dia., BLUE circular background with WHITE tactile symbol.
- Name of the Building - Univers 57 Regular all upper cases of 5/8" cap ht. in tactile, WHITE copy on RED background.
- Braille - Name of the building in number 2 braille (RED) to appear under the last line of the name.
Description:
This sign type serves to name a space or function with an entrance door opening directly to the exterior of a building or facility. The sign will be located on the right or left side of the accessible building entrance. Each sign location will be evaluated individually.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material/Size/Color:
C31 - 1/4” thick painted zinc plate of 1’-0” wide and 8” high, WHITE.

Graphics/Typography/Colors:
Disability Symbol - 3” Dia., BLUE circular background with WHITE tactile symbol.
Name of the Building - Univers 57, regular all upper cases of 5/8” cap ht. in tactile, WHITE copy on RED background.
Building - Name of the building in grade 2 braille (RED) to appear under the last line of the name.
Information Copy - Univers 47, regular all upper cases of 3/4” ht. tactile (BLACK) and grade II braille (WHITE) below text.
Description:
These sign types serve to direct people with disabilities to the nearest accessible entrance or entrances to a building.

Sign type 13B will show a diagram of the building complex and label accessible elevators and facilities within the complex with accessible paths raised or tactile.

This sign type will be used for more complicated accessible paths, where a simple direction is not enough to provide a clear direction.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material/Size/Color:
- C32 - 1/4" thick painted zinc plate of 1'-0" wide and 1'-0" high, WHITE.
- Disability Symbol - 3" Dia. of BLUE circular background with raised (tactile) WHITE symbol.
- Arrow - 3" Dia. of circular BLUE background and arrow to be WHITE in raised form (tactile).
- Name of the Building - Univers 57 Regular all upper cases of 5/8" cap ht. in tactile WHITE letters on RED background. Name of the building in grade 2 braille (RED) to appear under last line of the name.
- Information Copy - Univers 47 Regular all upper cases of 5/8" cap ht. in tactile BLACK and grade 2 braille (WHITE) beneath horizontal rule line.
- Vertical Rule Line - RED painted of 3/16" thick solid line.
- Horizontal Rule Line - BLACK painted of 1/8" thick solid line.
- Diagram - Building diagram in raised 10% GREY outline of building to be derived with raised (tactile) accessible paths in BLUE.

*NOTE: Building Diagram rotates according to sign and user location.
Description:
This sign type serves to identify inaccessible entrances of a building and to direct people with disabilities to the nearest accessible entrance or entrances to the building. The sign displays the name of the building, accessibility symbol, directional arrow and accessible path diagram in tactile. All copy of the sign will be accompanied with number two (2) braille.

Sign type 14A will show a diagram of the building complex with accessible path or paths in tactile. This sign type will be used for more complicated accessible paths where a simple direction is not enough to provide a clear direction. On the other hand sign type 14B will be used for a simple directional message.

The sign will be mounted to the left of right side wall of all inaccessible entrances of the building. Each building will be evaluated as to where the sign should be located, because architectural conditions of each building vary.

* NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

ST 14A: Inaccessible Building Entrance Identification (With Diagram)

Material / Size / Color:
C32 - 1/4" thick painted zinc plate of 1'-0" wide and 1'-0" high, WHITE.

Graphics / Typography / Colors:
Disability Symbol - 3" Dia. of BLUE background with raised (tactile) WHITE symbol.

Arrow - 3" Dia. of circular BLUE background and arrow to be WHITE in raised form (tactile).

Name of the Building - Univers 47 Regular all upper cases of 5/8" cap ht. in tactile WHITE letters on RED background. Name of the building in number 2 braille (RED) to appear under the last line of the name.

Information Copy - Univers 47 Regular all upper cases of 5/8" cap ht. in tactile (BLACK) and number 2 braille (WHITE) underneath of horizontal rule line.

Vertical Rule Line - RED vinyl machine-cut of 3/16" thick solid line.

Horizontal Rule Line - BLACK vinyl machine-cut of 1/8" thick solid line.

Diagram - Building diagram in 10% GREY with raised (tactile) accessible path in BLUE.

ST 14B: Inaccessible Building Entrance Identification (Without Diagram)

Material / Size / Color:
C32 - 1/4" thick painted zinc plate of 1'-0" wide and 1'-0" high, WHITE.

Graphics / Typography / Colors:
Disability Symbol - 3" Dia. of BLUE circular background with raised (tactile) WHITE symbol.

Arrow - 3" Dia. of circular BLUE background and arrow to be WHITE in raised form (tactile).

Name of the Building - Univers 47 Regular all upper cases of 5/8" cap ht. in tactile WHITE letters on RED background. Name of the building in number 2 braille (RED) to appear under the last line of the name.

Information Copy - Univers 47 Regular all upper cases of 5/8" cap ht. in tactile (BLACK) and number 2 braille (WHITE) underneath of horizontal rule line.

Vertical Rule Line - RED vinyl machine-cut of 3/16" thick solid line.

Horizontal Rule Line - BLACK vinyl machine-cut of 1/8" thick solid line.

Diagram - Building diagram in 10% GREY with raised (tactile) accessible path in BLUE.
Description:
These sign types serve to direct people with disabilities to the nearest accessible entrance or entrances to a building.

These sign types are freestanding units using a standard size pole of 3” O.D. with sign panels identical to sign type 15A and 15B.

These signs will be positioned along the accessible path leading to accessible entrances of buildings.

The exact location of these signs will be determined based on the evaluation of each area or neighborhood.

*NOTE: The sign message shown here is illustration purpose only. The final sign message to be developed for implementation.

ST 15A: Freestanding Accessible Directive with Building Name

Material / Size / Color:
- B1: Cast aluminum cap, clear brushed anodized aluminum.
- B7: Aluminum tube, 3” O.D. and 4’-0” Ht. above grade, clear brushed anodized aluminum.
- C13: 1/4” thick painted aluminum plate of 1’-0” wide and 1’-0” high, WHITE.
- E2: Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.

Graphics / Typography / Colors:
- Disability Symbol: 3” Dia. of BLUE circular background and WHITE symbol in vinyl machine-cut.
- Arrow: 3” Dia. of circular outline and arrow to be BLUE vinyl machine-cut.
- Information Copy: Univers 47 Regular all upper cases of 5/8” cap ht. in WHITE vinyl on RED background.
- Vertical Rule Line - RED vinyl machine-cut of 1/16” thick solid line.
- Horizontal Rule Line - BLACK vinyl machine-cut of 1/8” thick solid line.

ST 15B: Freestanding Accessible Directive without Building Name

Material / Size / Color:
- B1: Cast aluminum cap, clear brushed anodized aluminum.
- B7: Aluminum tube, 3” O.D. and 4’-0” Ht. above grade, clear brushed anodized aluminum.
- C17: 1/4” thick painted aluminum plate of 1’-0” wide and 1’-0” high, WHITE.
- E2: Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.

Graphics / Typography / Colors:
- Disability Symbol: 3” Dia. of BLUE circular background and WHITE symbol in vinyl machine-cut.
- Arrow: 3” Dia. of circular outline and arrow to be BLUE vinyl machine-cut.
- Information Copy: Univers 47 Regular all upper cases of 5/8” cap ht. in vinyl machine-cut letters, BLACK.
- Vertical Rule Line - RED vinyl machine-cut of 1/16” thick solid line.
- Horizontal Rule Line - BLACK vinyl machine-cut of 1/8” thick solid line.

Alternate Elevations

These sign types serve to direct people with disabilities to the nearest accessible entrance or entrances to a building.

These sign types are freestanding units using a standard size pole of 3” O.D. with sign panels identical to sign type 15A and 15B.

These signs will be positioned along the accessible path leading to accessible entrances of buildings.

The exact location of these signs will be determined based on the evaluation of each area or neighborhood.

*NOTE: The sign message shown here is illustration purpose only. The final sign message to be developed for implementation.

ST 15A: Freestanding Accessible Directive with Building Name

Material / Size / Color:
- B1: Cast aluminum cap, clear brushed anodized aluminum.
- B7: Aluminum tube, 3” O.D. and 4’-0” Ht. above grade, clear brushed anodized aluminum.
- C13: 1/4” thick painted aluminum plate of 1’-0” wide and 1’-0” high, WHITE.
- E2: Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.

Graphics / Typography / Colors:
- Disability Symbol: 3” Dia. of BLUE circular background and WHITE symbol in vinyl machine-cut.
- Arrow: 3” Dia. of circular outline and arrow to be BLUE vinyl machine-cut.
- Information Copy: Univers 47 Regular all upper cases of 5/8” cap ht. in vinyl machine-cut letters, BLACK.
- Vertical Rule Line - RED vinyl machine-cut of 1/16” thick solid line.
- Horizontal Rule Line - BLACK vinyl machine-cut of 1/8” thick solid line.

ST 15B: Freestanding Accessible Directive without Building Name

Material / Size / Color:
- B1: Cast aluminum cap, clear brushed anodized aluminum.
- B7: Aluminum tube, 3” O.D. and 4’-0” Ht. above grade, clear brushed anodized aluminum.
- C17: 1/4” thick painted aluminum plate of 1’-0” wide and 1’-0” high, WHITE.
- E2: Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, RED.

Graphics / Typography / Colors:
- Disability Symbol: 3” Dia. of BLUE circular background and WHITE symbol in vinyl machine-cut.
- Arrow: 3” Dia. of circular outline and arrow to be BLUE vinyl machine-cut.
- Information Copy: Univers 47 Regular all upper cases of 5/8” cap ht. in vinyl machine-cut letters, BLACK.
- Vertical Rule Line - RED vinyl machine-cut of 1/16” thick solid line.
- Horizontal Rule Line - BLACK vinyl machine-cut of 1/8” thick solid line.
Sign Types 16A & B

DEDICATION PLAQUES

Sign Type 16A: Building Dedication Plaque

This sign type serves to permanently identify the name of a building. The sign displays the name of the building approved by the NC State University Trustees, the individual for whom it is named, and commemorative information approved by Campus Administration through the Office of the University Architect. Low relief portraits may be incorporated into the plaque.

This plaque will be placed on the exterior face of the building, near the primary entrance of the facility. A shop drawing of this sign type will be submitted to the Office of the University Architect for approval and to determine the exact location of the plaque.

Material / Size / Color
- Material: Cast Bronze.
- Letters: Raised.
- Surface: Leatherette Texture, Bronze Oxidized Background.
- Border Style: Bevel.
- Mounting Method: Concealed Fastening.

*NOTE: The height and width may vary to accommodate text and standard plaque sizes.

Graphics / Typography / Colors
- Type: Clarendon Bold.

*NOTE: The sign message shown here is illustrative purpose only. The final sign message schedule will be developed for implementation.

Claude E. McKinney Plaza
DEDICATED TO
Claude E. McKinney
Dean, School of Design 1973 - 1988
Centennial Campus Coordinator 1988 - 2000
Whose vision, leadership, and commitment to excellence propelled Centennial Campus from a bold vision to a dynamic, multi-disciplinary research and technology community of international recognition.

November 14, 2001
North Carolina State University
Section 5

Trail Signage System
Graphic/Signage Standards:
All components of the exterior trail signage will comply with the general guidelines of the Trail Identity and the NC State University Identity guidelines concerning signage typography, its word spacing, kerning, message breaks, along with pictograms and arrows.

The new trail logotype and logomark (shown left,) are the basis of the new identity, setting the standard for all sign graphics and environmental signage applications. The logotype uses Univers 57 Condensed.

When using the Trail logotype, the tracking should be 12 in Adobe InDesign. It is important that this spacing relationship be as consistent as possible.

Refer to Section 2, pages 2.2 and 2.3 for more information on typography.

The safety zone around the logomark and alignment of the logotype to the logomark should be as shown to the left. The proper space around the logomark can be measured by using the capital letter 'R' from the logotype. The proportion should be consistently maintained.
Description:

This sign serves to inform walkers on the trail of the rules and regulations set by NC State. The non-illuminated sign is double-sided and is designed to accommodate multiple regulations, including additional rules that may need to be added at a later date. This sign type is to be located along the trail path and positioned perpendicular to primary traffic flow. The sign blade always faces toward the trail.

This sign contains a green header with the Rocky Branch logo, a title informing you of what kind of information the sign is displaying, and the specific information itself.

*NOTE: The sign message shown here is illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:

- B1 - Cast aluminum cap, clear brushed anodized aluminum.
- B9 - Aluminum tube, 3" O.D. and 4'-0" ht. above finished grade, clear brushed anodized aluminum.
- C6 - 1/4" thick painted aluminum plate of 1'-0" wide and 3'-0" high, GREEN.
- E1 - Painted aluminum angle extruded for attachment of flat panel to round tube, GREEN.

Graphics / Typography / Colors:

- Trail Logo: 3" diameter, WHITE logo and GREEN background.
- Trail Title: Univers 57, 5/8" cap height, using backup (see requirements on page 5.1.1) in WHITE vinyl.
- Sign Title: Univers 57 U/L cases, 7/8" cap ht. and BLACK vinyl machine-cut letters.
- Regulations: Univers 57 U/L cases, BLACK vinyl machine-cut letters and 7/8" cap ht.
- Horizontal Rule Line: BLACK vinyl machine-cut and 1/8" thick dashed line and solid lines.

All copy will be flush left for both sides.
Description:
The purpose of this sign is to identify points of interest along campus Trails.
The non-illuminated sign is double-sided and is designed to accommodate only one directional message. It contains a green logo reinforcing the Trail identity, with the side section reserved for the destination name. The arrow is constructed on a 3” diameter green circle with a white arrow in vinyl machine-cut. A painted aluminum angle (in Trail Green) is extruded for attachment of the flat panel.

* NOTE: The sign message shown here is for illustration purpose only. The final sign message schedule will be developed for implementation.

Material / Size / Color:
- B1 - Cast aluminum cap, clear brushed anodized aluminum.
- B9 - Aluminum tube, 3” O.D. and 4’-6” ht. above grade, clear brushed anodized aluminum.
- C17 - 1/4” thick painted aluminum plate of 1’ wide and 8” high, WHITE.
- E9 - Painted aluminum angle extruded for attachment of flat panel to 3” O.D. round tube, GREEN.

Graphics / Typography / Colors:
- Rocky Branch logo - 3” circle (see requirements on page 1.5.1) in GREEN vinyl on WHITE background.
- Arrow - 3” Dia. of circular GREEN background and WHITE arrow in vinyl machine-cut.
- Point of interest - Univers 57 all upper cases of 1” cap ht. in GREEN vinyl.
- Vertical Rule Line - GREEN vinyl of 1/8” thick solid line.
**Description:**

This sign type located at each end of the trail serves to provide visitors an overall view of the Trail, and additional information regarding the trail. The sign will be positioned at a slight angle facing towards the path. The trailhead sign is constructed like Sign Type 7A, Vehicular Orientation Kiosk.

*NOTE: The sign message shown here is for illustration purpose only. The final sign message schedule will be developed for implementation.*

**Material / Size / Color:**

- **A1** - Cast aluminum cap, clear brushed anodized aluminum.
- **A4** - Aluminum tube, 5” O.D. and 7’-9” ht. above finished grade, clear brushed anodized aluminum.
- **B1** - Cast aluminum cap, clear brushed anodized aluminum.
- **B4** - Aluminum tube, 3” O.D. and 7’-6” ht. above finished grade, clear brushed anodized aluminum.
- **C1** - 1/2” thick painted aluminum plate of 5’-0” wide and 4’-0” high, RED.
- **C4** - 1/2” thick painted aluminum plate of 4” wide and 4’-0” high, RED.
- **D2** - 1/4” thick painted aluminum plate of 6’-0” wide and 4’-0” high, slightly curved, WHITE.
- **E1** - Painted aluminum angle extruded for attachment of flat panel to 5” O.D. round tube, RED.
- **E3** - Painted aluminum angle extruded for attachment to 3” O.D. round tube, BLACK.
- **E4** - Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **E5** - Painted aluminum angle extruded for attachment to 5” O.D. round tube, BLACK.
- **E6** - Painted aluminum angle extruded for attachment to rolled panel, BLACK.
- **F1** - 3/8” wide, 1/4” thick, and 7” high painted aluminum flush mounted to panel C1, RED.

**Graphics / Typography / Colors:**

- **University Logo** - Univers 67 and 47 upper case only, 2.5” cap height.
- **Trail Logo** - 10” GREEN field with WHITE logo.
- **Trail Designation** - 2.5” cap height, using required lockup (page 5.1.1) in BLACK vinyl on 10% GREY vinyl background.
- **Informational Messages** - Univers 57 upper and lower cases, approx. 3/8” and 1/2” cap heights. Map - Approximately 1’ by 4’. The final creek map to be output in color.
- **Vertical Rule Line** - BLACK 1/4” thick solid line.
- **Vertical Rule Line** - BLACK 1/8” thick solid line.

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**Centennial Campus Trail**

*Scale: 3/4” = 1’-0”*

**Rocky Branch Trail**

*Scale: 3/4” = 1’-0”*
Description:
This sign type is used to provide visitors with information about the creek and trail environment. These signs will be positioned at the edge of the gravel shoulder of the path, facing the path and directing the viewer to the point of interest.

Material / Size / Color:

- BB: Aluminum tube, 3” O.D. and 2’6” ht. above finished grade, clear anodized brushed aluminum, “horizontal brush”.
- C19: 1/4” thick painted aluminum plate of 2’-6” wide and 2’-0” high, WHITE.
- M1: Welded metal plate connector.

Graphics / Typography / Colors:

- Interpretive Sign Title - Univers 57 upper case only, 2-1/4” cap height, WHITE on GREEN background.
- Informational Message - Univers 57 upper and lower cases, 1/2” cap height, BLACK.
- Interpretive Graphics - size of graphic may vary according to the column widths of the text.
**Description:**

This sign type serves to provide visitors with information about environmental features in each designated area. These signs will be positioned at the edge of an accessible path or walk. They shall face the path or walk and inform the viewer to the point of interest.

**Material / Size / Color:**

- **B8** - Aluminum tube, 3" O.D. and 2'6" ht. above finished grade, clear anodized brushed aluminum, "horizontal brush".
- **C19** - 1/4" exterior grade High Pressure Decorative Laminate panel (CHPL), 18" wide and 20" high, WHITE.
- **M1** - welded metal plate connector.

**Graphics / Typography / Colors:**

- **Interpretive Sign Title** - Univers 57 upper case only, High Pressure Decorative Laminate, 1-1/2" cap height, WHITE on GREEN background.
- **Informational Message** - Univers 57 upper and lower cases, High Pressure Decorative Laminate, 1/2" cap height, BLACK.
- **Interpretive Graphics** - size of graphic may vary according to the column widths of the text.
Description:
This sign type serves to provide visitors with information about how far they have traveled and the location on the trail system. These signs will be positioned a minimum of 2 feet from the edge of a multi-use trail. They shall face the multi-use trail and inform the viewer the distance traveled and serve as a reference point on the trail system.

Material / Size / Color:
- B9 - Aluminum tube, 4” x 4” O.D. and 3’6” ht. above finished grade, clear anodized SILVER aluminum.
- E1 - 1/8” thick painted aluminum plate 4” wide and 4” high, GREEN (3M Scotchcal Vinyl #7725).

Graphics / Typography / Colors:
- Mile Marker Information - Univers 57 regular upper case only, WHITE vinyl letters 2 1/2” cap height
- Vertical Rule Message - Univers 57 upper case only, BLACK vinyl, letters 1 1/2” cap height

NOTE: The sign message shown is for illustration purposes only. The final sign message schedule will be developed for implementation.