SECTION 3, ANNEX D

CAMPUS EXTERIOR SIGNAGE STANDARDS
A comprehensive system of signs for vehicular and pedestrian traffic
## Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td>Graphic Standards</td>
<td>1-4</td>
</tr>
<tr>
<td>Large Vehicular Directory - A</td>
<td>A.001</td>
</tr>
<tr>
<td>Medium Vehicular Directory - B</td>
<td>A.002</td>
</tr>
<tr>
<td>Small Vehicular Directory - C</td>
<td>A.003</td>
</tr>
<tr>
<td>Attached Parking Deck ID – D.1</td>
<td>A.004</td>
</tr>
<tr>
<td>Attached Parking Deck ID – D.2</td>
<td>A.005</td>
</tr>
<tr>
<td>Detached Building ID - E</td>
<td>A.006</td>
</tr>
<tr>
<td>Primary Entrance Building ID</td>
<td>A.007</td>
</tr>
<tr>
<td>Attached Building ID – F.1</td>
<td>A.008</td>
</tr>
<tr>
<td>Attached Building ID – F.2</td>
<td>A.009</td>
</tr>
<tr>
<td>Attached Building ID – F.3</td>
<td>A.010</td>
</tr>
<tr>
<td>Attached Parking Deck ID - G</td>
<td>A.011</td>
</tr>
<tr>
<td>Pedestrian Directional – H</td>
<td>A.012</td>
</tr>
<tr>
<td>Pedestrian Directional (low) – H.1</td>
<td>A.013</td>
</tr>
<tr>
<td>Street Sign Directional - I</td>
<td>A.014</td>
</tr>
<tr>
<td>Parking Lot ID – J</td>
<td>A.015</td>
</tr>
<tr>
<td>Parking Lot ID (low) – J.1</td>
<td>A.016</td>
</tr>
<tr>
<td>Map Kiosk - K</td>
<td>A.017</td>
</tr>
<tr>
<td>Special Landscape Signs</td>
<td>A.018</td>
</tr>
<tr>
<td>Specifications</td>
<td>19 - 23</td>
</tr>
</tbody>
</table>
PREFACE

In an effort to present a consistent image and visual harmony throughout The University of North Carolina at Charlotte campus, an overall signage program has been developed. This way-finding system will help guide students, faculty, staff and visitors to their destinations throughout the campus.

The purpose of these signage standards is to establish basic guidelines for the fabrication and installation of all exterior identification, informational and directional signage. These standards establish certain policies for the execution of signage as well as providing a description of various sign types, graphic uses, materials, Specifications, fabrication and installation procedures, etc.

All signage must be in conformance with these standards and approved by the UNC Charlotte Department of Facilities Management prior to fabrication and installation. The sign types herein identified for UNC Charlotte adhere to the codes and regulations for the City of Charlotte, North Carolina.

Specific signs on public roadways may require sign permits prior to fabrication. The fabricator shall be responsible for obtaining any required permits from the City. A construction drawing has been completed for each sign type and may be obtained at the UNC Charlotte Department of Facilities Management.

These drawings must be complied with, though fabrication methods and materials may be altered in attempt to produce a better product with approval of Facilities Management Design Services.

The fabricator shall submit in writing for approval any suggested revisions to these drawings to the UNC Charlotte Department of Facilities Management prior to making the revision. Sign shapes, sizes, colors, finishes, graphics, etc. may not be changed. It is required that the fabricator produce shop drawings of all signs to be fabricated, and submit them to the Project Manager for approval.
For all layouts on Exterior Signage, the vendor must provide Submittal Drawings with layout and character sizing, including compression and spacing sizes used to create readable signage for moving vehicular traffic.

The Fabricator is to provide scaled text layouts of all signs to the University for approval prior to fabrication. Refer to construction drawings for detailed specifications.

The arrow as shown should be used for all directional needs. The arrow should be used in an orientation which will make the directional information most obvious. The relationship between the arrow and the type as shown should always be maintained.
Main Entrance
Visitor Parking
Administration

Cone Center
Visitor Parking
Financial Aid
Reese Bldg.

Alumni House
Halton Arena
Student Union

Text Height and line spacing varies based on total text required for each sign. Vendor required to submit layout drawings for Project Manager approval prior to fabrication and installation.

LINE SPACING AND SCALING

The copy placement and margin specifications for signage are to be adhered to and will act as standards for the text on all signs. The above representation is subject to final text volume and content requested, and may require text height changes to accommodate the final sign design. Please refer to the Construction Documents or details for specific layout and final sizing of Text and Graphics.

Vendor is required to submit final elevation layout drawings for approval prior to text 'application' to the sign surfaces. The fabricator is to provide scaled text layouts of all signs to the University for review and modification as required.

The standard text compression is .85 and spacing is 1.05. This may vary depending on length of text descriptor line and width of sign body. Vendor to submit drawings to Project Manager for approval prior to fabrication and installation.
Line Spacing

SIGN TYPE C Example

Visitor Parking

SIGN TYPE A/B/E Example

Visitor Parking

Financial Aid

Clearance 7’ – 2”

LINE SPACING AND SCALING

The copy placement and margin specifications for signage are to be adhered to and will act as standards for the text on all signs. The above representation is subject to final text volume and content requested, and may require text height changes to accommodate the final sign design. Please refer to the Construction Documents or details for specific layout and final sizing of Text and Graphics.

Vendor is required to submit final elevation layout drawings for approval prior to text ‘application’ to the sign surfaces. The fabricator is to provide scaled text layouts of all signs to the University for review and modification as required.

The standard text compression is .85 and spacing is 1.05. This may vary depending on length of text descriptor line and width of sign body. Vendor to submit drawings to Project Manager for approval prior to fabrication and installation.
The use of the UNC Charlotte logo and logotype for campus signage should always be maintained as consistent design elements. There are two (2) approved versions for the logo application for exterior signage display. For further descriptions or explanations, please visit the University website at:

http://publicrelations.uncc.edu/logo/main-logo.html

The arrow graphic and handicap symbol shown are to be used throughout the Master Signage Program as necessary. The components are to be reproduced in the font as shown, and are not to be distorted or altered for the signage program. Use of these elements is to be approved by the University and Copies of this artwork will be provided by the University for use by the fabricator as needed. (see sign descriptions for font details).
INTRODUCTION
All components and finished units within this program shall be manufactured by professional fabricators. An example of the fabricator’s previous work shall be reviewed by UNC Charlotte prior to production.

PERMITS (As Applicable)
The Vendor shall secure all required sign permits and licenses prior to the purchase of materials or the beginning of fabrication of any signs as required by local code. The Vendor shall notify the Owner immediately of any problems that arise during the permitting process if applicable. It is the responsibility of the Vendor to allow time in his work schedule for any permitting and process, securing such permits and inspections in a timely fashion so as to allow subsequent fabrication and installation to be completed on schedule.

SHOP DRAWINGS
Shop drawings must be furnished for UNC Charlotte Design Services review prior to fabrication showing specified materials, construction details, installation details or steps, dimensions, grade etc.

Note: Designer’s Working Drawings are for fabricators’ and suppliers’ reference and do not limit fabricators and suppliers from responsibility to ensure appropriate engineering for fabrication and installation. Shop drawings for all items furnished under this Contract shall include a complete sign schedule, scaled message patterns of all Sign Text Layouts, complete fabrication details of all signs, and timeline to completion.

Attachment details including all mechanical fasteners, steel support framing, hinges and removable panels, location, size, dimensions, and finishes or any other related items necessary to fabricate and install finished signs, exact identification of all paint colors and paint formulas, vinyl, and other product used in fabricating the sign(s).

TEXT/ARROWS/SYMBOLS
Approved text, directional arrows, and symbols are to be reviewed by Facilities Management Design Services for use. The sign fabricator is to submit scaled copy layouts for approval.

For typical typographic layouts and type style per sign type, see 2010 Campuswide Exterior Signage pages; S1-3. All symbols or forms used for final sign application or final finishing shall be computer cut. Hand Cut letters or symbols are not acceptable.

SUBMITTALS
Submit two (2) complete sets of shop drawings (including text layouts for each sign) at an agreed upon scale, for review prior to fabrication of all items. Owner’s review does not relieve the Vendor from responsibility for errors in dimensions nor for inadequate or improper use of materials for construction.

SUBSTITUTIONS
Any request for substitutions which does not clearly show equality to the Owner’s satisfaction will be rejected. The burden of proof that the proposed substitution is equal to and meets the requirements specified and shown in the project documents including type, design, quality, operation, function, use, size, appearance, capability and manufacturer shall be solely the responsibility of the bidding Vendor.
PAINT AND VINYL SYSTEM

Paint colors are specified in the drawings using the Matthews Paint Company System, specifically formulated for the UNC Charlotte sign system.

The recommended vinyl film system to be Arlon Vinyl Film by Arlon or 3M. Vinyl sheeting for sign text messages shall be computer cut, High Performance or Reflective Grade vinyl films 3.5 to 6.7 mils thick with continuous pressure sensitive adhesive backing.

AS-BUILT DRAWINGS

Upon completion, the vendor shall provide the owner with two (2) complete sets of as-built drawings on CD in AutoCAD and PDF. As-Built drawings shall include Location Plans and Sign Schedules.

FABRICATION/MATERIALS

Aluminum plates, extrusions and supports shall conform to the requirements of the design intent details, ASTM standards and all applicable building codes, and shall be as submitted and approved on the shop drawings. All screws, bolts and fasteners where used with aluminum shall be stainless steel. All fasteners are to be painted. All fastenings shall be as indicated on the drawings and shall be compatible to the materials fastened. Isolation materials shall be provided between unlike metals.

Before fabrication the Vendor shall make on-site measurements and verify that site conditions and/or current architectural drawings conform to the signage and graphics drawings and shall be responsible therefore. All work shall be fabricated to approved shop drawings and shall be first class workmanship in accordance with the best trade practices.

All joints, corners, miters, splices, or signage shall be accurately machined, filled, fitted and rigidly framed together at joints and contact points.

All materials are to be as specified on working drawings unless written approval has been obtained for material substitution by The office of Design Services at UNC Charlotte.

ALUMINUM

All aluminum sheet for signage is to be .125” thickness unless specified otherwise. All welding is to be seamless welded. All depressions or raised areas, due to welding, must be filled and ground smooth prior to priming and painting. All screws, brackets and fasteners in contact with aluminum are to be stainless steel or aluminum. Non-corrosive and non-staining.

PLASTICS

All plastics are to be PVC. Polycarbonate, or acrylic sheet unless specified otherwise. Other plastics may be substituted as long as a test sample is submitted prior to fabrication for owner’s approval.

FINISHES

All fabrication materials are to be smooth and free of all defects. Cut lines, welds, slag, dust, dirt, grease and other surface defects are to be removed prior to finishing.
PRIMING AND PAINTING

All materials are to be applied properly according to manufacturer’s recommendations and specifications. All paints, primers, solvents, top Coats, etc., are to be chemically compatible.

Step A - Use Aluminum specific cleaner on all aluminum parts to receive paint, followed by using bare metal sealer coating and then Acrylic Primer Sealer.

Paints for aluminum shall be Matthews Paint Company polyurethane opaque satin paint, with satin clear finish seal coat applied. Application shall consist of 1 coat of Metal primer @ .25mil minimum and 2 coats of opaque satin Acrylic Polyurethane paint of specified color. 1 mil DFT minimum each coat for a total dry film thickness of two (2) mils DFT.

Paints for spraying acrylics shall be matte Acrylic Polyurethane with an ultraviolet Inhibitor engineered for extreme heat and finish retention. Clear Satin finish shall be applied to a total dry film thickness of two (2) mils OFT. Acrylic material shall be 1/16”, 1/8”, and ¼” Acrylic Plexiglass, Matte Clear with a P95 finish. or approved equal as shown on Drawings.

Order or mix paint for each color in quantity to assure consistent application for all signs in a given color. Vendor shall allow paint surfaces to thoroughly air dry for a minimum of forty eight (48) hours prior to the application of masking film which shall be applied to protect all sign surfaces during shipping and installation.

All products below may have an “or equal”, but product submittals must be provided and approved prior to manufacturing and application of finishes, and must meet or exceed current product below.

Paint must cure for a minimum of forty eight (48) hours or longer based on Manufacturer guidelines prior to the application of masking film which shall be applied to protect all sign surfaces during shipping and installation.

Matthews Paint PPG Ind.
LakeView Corporate Park • 8201 100th St. • Pleasant Prairie, WI 53158 • 1.800.323.6593 •
www.matthewspaint.com

Arlon Adhesives & Films Division
281 I South Harbor Blvd.
Santa Ana, CA 92704-5805 – (714) 540-2811 - (800) 854-0361

Rohm and Haas Plastic
Technology Center
PO Building 117.
Route 13 &.413
Bristol. PA 19007 - (215) 785-8000

SAMPLES

Vendor shall submit to the owner 6” x 6” samples of all materials and paint finishes of specified finishes unless vendor has previously installed approved product and code. All submittals shall bear the exact material identification and/or paint formula marked on the back surface.
Specifications

(Specifications Cont.)

**INSTALLATION**

All freestanding signs are to be mounted in concrete, except where specified otherwise. Footing size and depth to be determined by fabricator. Installer to verify final locations based on vicinity map provided by University Project Manager. All concrete footings are to be 3000 psi and should be sufficient to ensure the structural stability of the sign unit in high wind conditions.

All free standing signs are to have a concealed sleeve underground to allow for the removal of signs for maintenance and painting. The sleeve system will be set in concrete footings and contain a movable, tamperproof pin for access.

All signs are to be level and plumb. Use current Campus signage for template of installation.

All signage locations are to be approved by client and meet all local zoning codes for setback and height restrictions.

Sign locations are to be staked and identified with the Dept. of Facilities Management unless otherwise instructed.

The fabricator is to verify underground utilities with the Office of Facilities Planning prior to installation of footings.

The fabricator will get approval by a UNC Charlotte representative prior to driving a vehicle off designated streets or driveways in order to reach a sign location. Where special job conditions occur or where there is uncertainty as to interpretation, before execution of the work, vendor shall inform the Department of Facilities Management Design Services Project Manager.

**UTILITY LOCATES**

Installer is responsible for calling in public utility locates where property of University meets the City of Charlotte or County line. Project Manager will coordinate campus locates with internal departments in conjunction with calling One Call regarding on campus locate work.

**CLEANING/PROTECTION REQUIREMENTS**

Vendor shall not only protect his work at all times, but shall also protect all adjacent work and materials by suitable covering or other methods during progress of his work. They shall remove all rubbish, excess soil and rock, and accumulated materials and shall leave the work in a clean, orderly and acceptable condition. Any existing landscape material that is removed or disturbed during the installation of signs shall be replaced or restored to its original condition.

**STORAGE**

All signs, extrusions, graphic or signage material shall not be exposed to damaging conditions or abrasion during storage, fabrication, delivery or installation. All signs shall be stored in a weather protected space and not be subject to natural elements as determined in conjunction with the Owner.
SAFETY CONDITIONS

The Vendor or Bidder shall maintain safety standards for persons employed in accordance with the standards set by the Occupational Safety and Health Act (latest adoption).

The University of North Carolina at Charlotte and Facilities Management Design Services Group shall be held harmless for any accident, injury or any other incident resulting from noncompliance with these standards.

GUARANTEE

Vendor shall furnish a written guarantee stating that all materials and workmanship are guaranteed against defects for a period of one (1) year after completion and final acceptance of the installed or received work (based on Purchase requisition outlines), and that all materials and installation are in complete accordance with these and manufacturer’s written specifications and/or recommendations.

This guarantee shall be in addition to and not in lieu of other guarantees available to the University by North Carolina State Law.

Defects due to faulty material, workmanship or damage to existing surfaces prepared by other trades during the installation of signs and during the guarantee period shall be repaired to the original condition or replaced by the Vendor at their expense, to the satisfaction of the University representative, Design Services.
PROJECT: 2010 Campus Exterior Signage

General Notes:

Assembly components and installation:

A. Post stock - Aluminum 4" x 6" Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Header Board - Assembly painted in Campus Green, and aligned with both mechanical fasteners and adhesive systems.

C. Crown Assembly affixed to Band as feature, with Gold area being 04 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.

D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.

E. Footer support 5" x 8¾" channel steel metal footing bar. ¾" diameter Stainless Steel hardware assembly (see detail) and #4 rebar cross pins.

F. Fasteners - 5/8 SS Bolt assembly and 1" access holes opposite of (5) fasteners must be plugged with painted "snap in" cap.

G. Footing is 12" DIA. post hole 48" in depth poured to 1" finished grade.

Finish Notes:

Paint and Graphics colors:

A. Posts and Sign Body:
   Black' Green
Matthews Paint Co. MP71137 R91290
Satin Finish and Satin Clear Coat to seal.

B. Header Assembly:
   Campus Green PMS 340
Matthews Paint Co. MP04649
R91290 Satin Finish and Satin Clear Coat to seal.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

Text Graphics/Lettering:

3M Diamond Grade Prismatic or equal White High Performance Vinyl.

Typeface:

Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 20% letter spacing. Vendor must submit drawing [proof] of graphic layout for review and acceptance prior to manufacture.

Logo - Gold crown Arlon 04 or equal, insert or second color to match sign body paint code.

Logo information at:
http://www.publicrelations.uncc.edu/
logo/main-logos.html

For any and all Exterior Signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the University.

In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required as the bid or request for estimate applications. Final selections with graphics must be signed off by Project Manager and returned via email PDF format to vendor prior to the start of manufacture. Any alterations after manufacture processes vary by vendor, so Project Manager must approve in writing on the submittal drawing of that specific manufacturing process.

BANNER

Two piece Band-board header component. To be mounted with mechanical fasteners combined with adhesive product to eliminate Separation from sign body.

TEXT

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

STANDARD DIMENSION

FOOTING DETAIL

HARDWARE

Approval: mfake@uncc.edu

Scale: N.T.S.

Date: 10.18.2010

Sheet: 01 of 25

Drawn: slterry@uncc.edu

Checked: 

Revision: 

3D VIEW OF
CROWN & TEXT
ASSEMBLY

3D VIEW OF
CROWN & TEXT
ASSEMBLY

COLOR VIEW EXAMPLE

UNC CHARLOTTE

Charlotte Research
Institute
Gray Hall
Duke Centennial Hall
PORTAL
Information
Polk Motorsports
34N Football Stadium
EPIC Building
Phillips Football Field

6'0" 4'0" 12'0"
9'0"
4'0"
12'0"
4'0"
12'0"
4'0"
12'0"
4'0"
12'0"
For any and all Exterior Signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the manufacturer.

In many cases, the supplier must provide several sub samples, and samples, or small aluminum samples as requested or required by the bid or request for estimate documents. Final submittals with graphics must be signed off by Project Manager and returned via email with both senders to vendor prior to the start of manufacture. Without Project Manager, the Work is done and accepted, so Project Manager must approve in writing on the submittal drawing of that specific manufacturing process.

**Type “B” - Medium Road Directional**

**General Notes:**
Assembly components and installation:
- A. Post stock - Aluminum 3" x 4" Square tube welded at 45 degree cut joint intersection with internal reinforced supports.
- B. Header Board - Assembled painted in Campus Green, and affixed with both mechanical fasteners and adhesive systems.
- C. Crown Assembly affixed to Band as feature, with Gold area being 04 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.
- D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.
- E. Footer support 3/8" x 3/4" channel metal footing bar. 3/4" diameter Stainless steel hardware assembly (see detail) and #4 rebar cross pins.
- F. Fasteners - 5/8" SS Bolt assembly and 1" across holes opposite of (5) fasteners must be plugged with painted "snap in" cap.
- G. Footing is 12" DIA. post hole 42" in depth poured to -1" finished grade.

**Finish Notes:**
Paint and Graphics colors:
- A. Posts and Sign Body: "Black" Green
  - Matthews Paint Co. MP9237 R91290 Satin Finish and Satin Clear Coat to seal.
- B. Header Assembly: Campus Green PM5 440
  - Matthews Paint Co. MP0047 R91290. Satin Finish and Satin Clear Coat to seal.

**Finish Notes:**
All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be primer coated to accept finishes.

**Text Graphics/ Lettering:**
3M Diamond Grade Prismatic or equal White High Performance Vinyl.

**Typeface:**
Utopia (Primary) or pre-approved alternate Century Schoolbook at 85\% condensed format or greater as sign face required and compressed average 10\% letter spacing. Vendor must submit drawing of graph layout for review and acceptance prior to manufacture. Logo - Gold crown Arton 04 or equal. Inset or second color to match sign body paint code.

**Logo Information at:**
http://www.publicrelations.uncc.edu/logo/main-logo.html

For any and all Exterior Signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the manufacturer. In many cases, the supplier must provide several sub samples, and samples, or small aluminum samples as requested or required by the bid or request for estimate documents. Final submittals with graphics must be signed off by Project Manager and returned via email with both senders to vendor prior to the start of manufacture. Without Project Manager, the Work is done and accepted, so Project Manager must approve in writing on the submittal drawing of that specific manufacturing process.
General Notes:
Assembly components and installation:
A. Post stock - Aluminum 3” x 4” Square tube welded at 45 degree cut joint intersection with internal reinforced supports.
B. Header – 8” high by width, painted directly to sign body in Campus Green. Text area volume may affect bend area. Optional height is 6” with 5” deep Crown Logo.
C. Crown Assembly is Painted of Vinyl application as feature, with Gold area being #4 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.
D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.
E. Footer support 3” x 48” C channel metal footing bar. 1/2” diameter Stainless Steel hardware assembly (see detail) and #4 rebar cross pins.
F. Fasteners - 1/2” SS Bolt assembly and 3” access holes opposite of (2) fasteners must be plugged with painted ‘snap in’ cap.
G. Footing is 12” DIA. post hole 30” in depth poured to 1” finished grade.

Finish Notes:
Paint and Graphics colors:
A. Posts and Sign Body: ‘Black’ Green
B. Header Assembly: Campus Green PMS 340

BANNER
Painted Upper Banding header component. 6” high Decal Crown mounted directly to the painted sign body.

TEXT
Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

HARDWARE
Unless otherwise specified, all hardware is to be Stainless Steel.

FOOTING DETAIL
 disregard
General Notes:

Assembly components and Installation:

A. Sign Body Paint: Aluminum 3” x 4”
   Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Header Paint: - 12” high by width, painted directly to sign body in Campus Green.

C. Sign Body Construction - Aluminum with channel edge or like assembly. Affixed to wall surface with mechanical fasteners, and filler finish for blending with painted surfaces.

D. Fasteners – SS Thread, Nut, Washer and Bolt assembly - Access holes to be filled with Epoxy to assure mounting pin will not come loose due to expansion and contracting of hard surface areas.

Finish Notes:

Paint and Graphics colors:

A. Posts and Sign Body:
   'Black' Green
   Matthews Paint Co. MP21337 R91290
   Satin Finish and Satin Clear Coat to seal.

B. Header Assembly:
   Campus Green PMS 340
   Matthews Paint Co. MP04059
   R91290 Satin Finish and Satin Clear Coat to seal.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

Test Graphics/Lettering:

3M Diamond Grade Prismatic Vinyl or equal
White High Performance Vinyl.

 Typeface:

Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 10% letter spacing. Vendor must submit drawing ‘proof’ of graphics layout for review and acceptance prior to manufacture.

Logo - Gold crown Arton 04 or equal. Insert or second color to match sign body paint code.

Logo information:

http://www.publicrelations.uncc.edu/logo/main-logo.html

for any and all exterior signage projects, manufacturers, vendors, and sign retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require final measurement of existing installation in addition to any specifications provided by the University.

In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final validation with graphics must be signed off by Project Manager and returned via email with both formal to vendor prior to the start of assembly processes. In some cases, as Project Manager must approve in writing an the submitted drawing of their specific manufacturing processes.
**General Notes:**

Assembly components and Installation:

A. Sign Body Paint: Aluminum 3/4” x 4” Square tube welded at 45 degree cut joint interaction with internal reinforced supports.

B. Header Paint: 12” high by width, painted directly to sign body on Campus Green.

C. Sign Body Construction - Aluminum with channel edge or like assembly. Affixed to wall surface with mechanical fasteners, and filler finish for blending with painted surfaces.

D. Fasteners - SS Thread, Nut, Washer and Bolt assembly. Access holes to be filled with Epoxy to assure mounting pin will not come loose due to expansion and contracting of hard surface areas.

**Finish Notes:**

Paint and Graphics colors:


B. Header Assembly: Campus Green PMS 340 Matthews Paint Co. MP00457 9R1290 Satin Finish and Satin Clear Coat to seal.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

Text Graphics/Lettering: 3M Diamond Grade Prismatic Vinyl or equal White High Performance Vinyl.

Typeface:

Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 10% letter spacing. Vendor must submit drawing ‘proof’ of graphics layout for review and acceptance prior to manufacture.

Logo - Gold crown Artin 04 or equal. Inset or second color to match sign body paint code.

Logo information at: http://www.publicrelations.unc.edu/logos/main-logos.html

**STANDARD DIMENSION**

**HARDWARE**

Unless otherwise specified, all hardware is to be Stainless Steel.

**MOUNTING DETAIL**

Pin and thread mounting system or equal to all wall surfaces for service and repair and access.

Vendor and/or installer to submit detail and anchor product for approval Prior to assembly of Sign Body and provide Sign detail of mounting assembly in Elevation and exploded diagram.

Shown is preferred Hilti 3/8” fastener.

**COLOR VIEW EXAMPLE**

**CONTOUR DECK 1**

For any and all Exterior Signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require final measurement of existing installs in addition to any specifications provided by the drawings.

In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final fabrication with graphics must be signed off by Project Manager before fabrication begins. Any changes or substitutions or materials and colors can only be done with written permission from Project Manager. Any change in materials or colors; or to sign body must be approved in writing by the architect.

For any changes or revisions to the submittal drawing of specific manufacturing processes.

**Drawn:** slterry@uncc.edu

**Approved:** msafae@uncc.edu

**Date:** 10.19.2010

**Sheet:** 02 of 25

**Checked:**

**Revision:**
General Notes:

Assembly components and installation:

A. Post stock - Aluminum 3" x 4" Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Header - 8" high by width, painted directly to sign body in Campus Green. Text area volume may affect band size. Optional height is 6" with 5" deep Crown Logo.

C. Crown Assembly is Painted of Vinyl application as feature, with Gold area being #4 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.

D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.

E. Footer support 3" x 48" C-channel steel metal footing bar. 3/4" diameter Stainless Steel hardware assembly (see detail) and #4 rebar cross pins.

F. Fasteners - 1/2" SS Bolt assembly and 1" access holes opposite of (2) fasteners must be plugged with painted 'snap in' cap.

G. Footing is 12" DIA. post hole 30" in depth poured to -1' finished grade.

Finish Notes:

Paint and Graphics colors:

A. Posts and Sign Body:
   - Black Green
   - Matte Finish
   - 3M Diamond Grade Prismatic or equal
   - Text/Graphics/Lettering:
     - Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 20% letter spacing. Vendor must submit drawing 'proof' of graphics layout for review and acceptance prior to manufacture.
   - Logo - Gold crown Arton #4 or equal. Insert or second color to match sign body paint color.

B. Header Assembly:
   - Campus Green PMS 349 Matte Finish
   - Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 20% letter spacing. Vendor must submit drawing 'proof' of graphics layout for review and acceptance prior to manufacture.

Text:

Refer to page 4. "SmU" is the standard font excluding the logo which is provided by the University Marketing Department.

Hardware:

Unless otherwise specified, all hardware is to be Stainless Steel.

For any and all Exterior Signage projects, sealants, fasteners, and sign materials, the vendor must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final selection with graphics must be signed off by Project Manager and returned via email to smu.tte@uncc.edu. For any and all manufacturing processes vary. In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final selection with graphics must be signed off by Project Manager and returned via email to smu.tte@uncc.edu. For any and all manufacturing processes.

In addition to any specifications provided by the University Marketing Department, the Vendor is responsible to provide the following:

- Logos:
  - All logos and graphics must be used for all current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final selection with graphics must be signed off by Project Manager and returned via email to smu.tte@uncc.edu. For any and all manufacturing processes

- Hardware:
  - Unless otherwise specified, all hardware is to be Stainless Steel

- Paint and Graphics Colors:
  - Black Green
  - Matte Finish
  - 3M Diamond Grade Prismatic or equal
  - Text/Graphics/Lettering:
    - Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 20% letter spacing. Vendor must submit drawing 'proof' of graphics layout for review and acceptance prior to manufacture.
  - Logo - Gold crown Arton #4 or equal. Insert or second color to match sign body paint color.

Logo information at:
http://www.publicrelations.uncc.edu/logo/main-logos.html
**Project:** 2010 Campus Exterior Signage  

**Sheet title:** Secondary Entrance Building Identification

**General Notes:**

Assembly components and installation:
- A. Post stock - Aluminum 3" x 3" Square tube welded at 45 degree cut joint intersection with internal reinforced supports.
- B. Header - 4" high by width, painted directly to sign body in Campus Green. Text area volume may affect band area.
- C. Crown Assembly is Vinyl application as feature, with Gold area being 04 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.
- D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.
- E. Fasteners – 1/2" S.S. Bolt assembly and 1" access holes opposite of (E) fasteners must be plugged with painted 'snap in' cap.

**Finish Notes:**

Paint and Graphics colors:
- A. Rails and Sign Body: 'Black' Green
- B. Header Assembly: Campus Green PMS 340

**MATERIAL**

ENLARGED BUILDING SECTION

Refer to page A.007, Sign Type F.2 for style of Sign to be used.

**TEXT**

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

**HARDWARE**

Unless otherwise specified, all hardware is to be Stainless Steel.

**MOUNTING DETAIL**

Pin and thread mounting system or equal to all wall surfaces for service and repair access.

Vendor and/or installer to submit detail and anchor product for approval. Prior to assembly of Sign Body and provide Sign detail of mounting assembly in Elevation and exploded diagram.

Shown is preferred Hilti 3/8" fastener.

Maximum Height to center of Sign is 64".

---

For any and all Exterior Signage projects, manufacturers, Vendor, and sign details are subject to approval upon construction completion, manufacturing steps, a drawing assembly in detail that includes detail sheets for specific structural or finish applications. The may require field measurement of existing installations in addition to any specifications provided by the Owners.

In many cases, the supplier must provide actual post samples, rail samples, or small aluminum samples as requested or required in the bid or required for estimate documents. Final fabrication with graphics must be signed off by Project Manager and returned via email prior to final turn to vendor prior to the start of each phase of work. It is the responsibility of the vendor, as Project Manager must approve in writing on the submittal drawing of that specific manufacturing process.

---

Approved: mfake@uncc.edu  
Scale: N.T.S.  
Date: 10.18.2010  
Sheet: 02 of 25  
Drawn: slterry@uncc.edu  
Checked:  
Revision:
**General Notes:**

Assembly components and installation:

A. Post stock - Aluminum 2” x 3” Square tube welded at 45 degree cut joint intersection with integral reinforced supports.

B. Header – 4” high by width, painted directly to sign body in Campus Green. Text area volume may affect band size.

C. Crown Assembly is Vinyl application as feature, with Gold area being 04 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.

D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.

E. Fasteners – 1/2” SB Bolt assembly and 1” access holes opposite of (E) fasteners must be plugged with painted ‘snap in’ cap.

**Finish Notes:**

Paint and Graphics colors:

A. Rails and Sign Body:

- Black: Green
- Matthews Paint Co. M721317 R91290 Satin Finish and Satin Clear Coat to seal.

B. Header Assembly:

- Campus Green PM5 340

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

**Text Graphic/Lettering:**

- IBM Diamond Grade Prismatic or equal
- White High Performance Vinyl

**Typeface:**

- Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 10% letter spacing. Vendor must submit drawing ‘proof’ of graphics layout for review and acceptance prior to manufacture.

**Logo:**

- Gold crown Arton 04 or equal. Inset or second color to match sign body paint code.

**Logo information at:**

http://www.publicrelations.uncc.edu/logo/main-logo.html

---

**Hardware:**

Unless otherwise specified, all hardware must be Stainless Steel.

**Mounting Detail:**

Pin and thread mounting system or equal to all wall surfaces for service and repair and access.

Vendor and/or installer to submit detail and anchor product for approval. Prior to assembly of Sign Body and provide sign detail of mounting assembly in Elevation and exploded diagram.

Shown is preferred Hilti 3/8” fastener.
**General Notes:**

- **Assembly components and installation:**
  - A. Lettering stock: Aluminum 1/4", single cut out, CNC or equal cut process. Edges and back to be Anodized.
  - B. Font: 12" – 18" (Depending on placement height on building, building surface allowance and distance factoring. Font layout with approx. 150% spacing.

Buildings may be identified using one or more sign types. Consideration should be given to size, placement, viewing distance, and architectural details when choosing a sign to identify any building. In all cases, the Campus Architect and Office of Facilities Management Design Services should be contacted for approval when signs are needed.

**Finish Notes:**

- **Paint and Graphics colors:**
  - A. Lettering: Anodized Brushed Black
  - B. Studs: Stainless Steel or as specified by Vendor.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to smooth to accept finishes.

- **Typeface:**
  - Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 10% letter spacing. Vendor must submit drawing ‘proof’ of graphics layout for review and acceptance prior to manufacture.

- **Logo** – Ref: provided in file (Gold crown on Brushed Gold or Brass coat or equal)

Logo information at: [http://www.publicrelations.uncc.edu/logos/main-logos.html](http://www.publicrelations.uncc.edu/logos/main-logos.html)

**MATERIAL**

- 3/8" Brushed Black anodized Aluminum, mounted to Surface with all thread pins.

**TEXT**

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

**HARDWARE**

- Unless otherwise specified, all hardware is to be Stainless Steel. All Thread tapped into back of letters and epoxy added in base for secure fasten.

**STANDARD DIMENSION**

Building letter stainless steel stud stands - Base nail or sleeve welded letter prior to coating. Threads protected during coating to allow stud entry for mounting on wall condition.

Smallest at: 12"

To Largest at: 18"

**COLOR VIEW EXAMPLE**

For any and all exterior signage projects, manufacturers, vendors, and sign retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the renderings.

In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final verification with graphics must be signed off by Project Manager and returned via email to vendor prior to the start of manufacture. All dimensions for sign boards must be submitted prior to fabrication. As Project Manager must approve the drawing as the submittal drawing of that specific manufacturing process.

---

**Approved:** mfake@uncc.edu

**Date:** 10.18.2010

**Sheet:** 02 of 25

**Drawn:** slerry@uncc.edu

**Checked:**

**Revision:**
PROJECT: 2010 Campus Exterior Signage

General Notes:

A. Material – Vendor to provide Rendering scaled to glazed area selected for text.

B. Font – Helvetica for Serif applications, and Interstate for Sans Serif lettering schemes.

C. – Standard Lettering/Font in High Performance White. Other colors must have approval by Design Services and vendor must provide render and vinyl swatch.

D. Logo – Use of University Logos must be approved by Design Services under direction of Marketing Department guidelines.

E. Preferred Method – Reverse Cut application to interior of Glass area unless site warrants exterior need or visibility requires it.

Logo Information at:
http://www.publicrelations.uncc.edu/logo/main-logo.html

MOUNTING DETAIL

Maximum Graphic Height for Directory Graphics is 72”. Glazed areas and surfaces to be cleaned prior to installation.

SPEC

The placement of the text as shown is an approximation. Final placement is to be determined with consideration for the amount of glass adjacent to the entry door.

Approved: mfake@uncc.edu

Scale: N.T.S. Date: 10.18.2010 Sheet: 02 of 25 Drawn: slterry@uncc.edu Checked: Revision:
**General Notes:**

Assembly components and installation:

**Illuminated Sign Body Construction:**

A. Sign Body Paint:  Aluminum 3” x 4”
Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Header Lens Vinyl - PMS 349 Campus Green.

B.1 Body Text Lens Vinyl - Black Green per MPC specifications (Refer to Manual), and Crown in Translucent Gold.

C. Sign Body Construction - Steel Body Construction with assemble lens assembly. Affixed to wall surface with mechanical fasteners, and filler finish for blending with painted surfaces.

D. Fasteners - SS Thread, Nut, Washer and Bolt assembly. Access holes to be filled with Epoxy to assure mounting pin will not come loose due to expansion and contracting of hard surface areas.

Vendor to submit Assembly drawings with electrical, mounting and servicing specifications for review and approval prior to starting manufacturing.

**Finish Notes:**

Paint and Graphics colors:

A. Posts and Sign Body:
Black Green.

Matthews Paint Co. MP71317 R91290 Satin Finish and Satin Clear Coat to seal.

B. Header Assembly:
Campus Green PMS 349
Matthews Paint Co. MP00457 R91290 Satin Finish and Satin Clear Coat to seal.

**Text:**

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

**BANNER**

Translucent Paint or color matched vinyl band header component.

Lettering to be 7 year Translucent Prismatic Vinyl in Utopia Font.

**HARDWARE**

Unless otherwise specified, all hardware is to be Stainless Steel.

**MOUNTING Detail**

Pin and thread mounting system or equal to all wall surfaces for service and repair and access.

Vendor and/or Installer to submit detail and anchor product for approval Prior to assembly of Sign Body and provide sign detail of mounting assembly in Elevation and exploded diagram.

Shown is preferred Hilti 3/8” fastener.
General Notes:

Assembly components and installation:

Illuminated Sign Body Construction:

A. Sign Body Paint: Aluminum 3” x 4” Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Header Lens Vinyl - PMS 349 Campus Green.

B.1 Body Text Lens Vinyl - Black Green per MPC specifications (Refer to Manual), and Crown in Translucent Gold.

C. Sign Body Construction - Steel Body Construction with insertable lens assembly. Affixed to wall surface with mechanical fasteners, and filler finish for blending with painted surfaces.

D. Fasteners - S5 Thread, Nut, Washer and Bolt assembly. Access holes to be filled with Epoxy to assure mounting pin will not come loose due to expansion and contracting of hard surface areas.

Vendor to submit Assembly drawings with electrical, mounting and servicing specifications for review and approval prior to starting manufacturing.

Finish Notes:

Paint and Graphics colors:

A. Posts and Sign Body:

‘Black’ Green

Matthews Paint Co. MP71337 R91290

Satin Finish and Satin Clear Coat to seal.

B. Header Assembly:

Campus Green PMS 349

Matthews Paint Co. MP04657

R91290 Satin Finish and Satin Clear Coat to seal.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

Test Graphics/Lettering:

3M Diamond Grade Prismatic or equal White High Performance Vinyl.

Typeface:

Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 10% letter spacing. Vendor must submit drawing proof of graphics layout for review and acceptance prior to manufacture.

Logo - Gold crown Arton O4 or equal. Inset or second color to match sign body paint code.

Logo information at:

http://www.publicrelations.uncc.edu/logo/main-logo.html

BANNER

Painted direct band header component. 6” high Decal. Crown mounted directly to the painted sign body.

TEXT

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

HARDWARE

Unless otherwise specified, all hardware is to be Stainless Steel.

for any and all exterior signage projects, Manufacturer, Vendor, and sign makers are required to submit at least one set of the following construction components, manufacturing steps, a drawing assembly in Sit that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the University.

In many cases, the supplier must provide current paint swatches, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final fabrication with graphics must be signed off by Project Manager and returned via email with RFI/RFQ form to vendor prior to the start of assembly processes. In the event of assembly variation, Project Manager must approve or reject all details of the changes during fabrication of that specific manufacturing process.
General Notes:

Assembly components and Installation:

- A. Post stock - Aluminum 3” x 4” Square tube welded at 45 degree cut joint intersection with internal reinforced supports.
- B. Header - 8” high by width, painted directly to sign body in Campus Green. Text area volume may affect band area. Optional height is 6” with 5” deep Crown Logo.
- C. Crown Assembly is Painted in Vinyl application as Feature with Gold area being (4) Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.
- D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces.
- E. Footer Support 2” x 4” top channel steel floor footprint bar. 1/2” diameter Stainless Steel hardware assembly (see detail) and #6 rebar cross pins.
- F. Fasteners - 1/2” SS bolt assembly and 3” access holes opposite of (2) fasteners must be plugged with painted ‘snap in’ cap.
- G. Footing is 12” DIA. post hole 30” in depth poured to -1” finished grade.

Finish Notes:

- Paint and Graphics colors:
  - Matt Finish and Satin Clear Coat to seal.
- B. Surface: All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be primed coated to accept finishes.

Text/Latering:

- Interstate (Primary) or pre-approved alternate Helvetica at condensed or expanded format as sign face requires for balance and readability. Vendor must submit drawing proof of graphics layout for review and acceptance prior to manufacture.

For any and all Exterior Signage projects, manufacturers, vendors, and sign dealers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. The user should check the measurement of existing installations in addition to any specifications provided by the designer.

In many cases, the supplier must provide current product samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final submittals with graphics must be signed off by Project Manager and returned via email with formal bid to vendor prior to the start of manufacture. Project Manager must approve a working plan of each and every project prior to any bid or request for estimate. As Project Manager must approve the working plan of each and every project prior to any bid or request for estimate. Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.
General Notes:

Assembly components and Installation:

Illuminated Sign Body Construction:

A. Post Assembly - Aluminum 3" x 1" Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Blade Assembly - 13/8" aluminum with Smooth edges and surfaces to accept Reflective vinyl (See Blade Note).

C. Footer support 3" x 12" C channel steel metal footing bar. 3/4" Diameter Stainless Steel hardware assembly (see detail) and M4 rebar cross pins.

D. Fasteners – 1-1/2 SS Bolt assembly and 1" access holes opposite of (E) fasteners must be plugged with painted snap 'in' cap.

E. Footing is 12" DIA. post hole 42" in depth poured to -1" finished grade.

Vendor to submit Assembly drawings with electrical, mounting and seismic specifications for review and approval prior to starting manufacturing.

Finish Notes:

Paint and Graphics colors:

A. Post and Arm:
- Black
- Green

B. Blade and Angle Assembly:
- 3M Light Green 5100R-78 Reflective Vinyl or equal. Sample swatch to be submitted by Vendor/Fabricator for approval before assembly.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

Test Graphics/Lettering:
- 3M Diamond Grade Prismatic or equal
- White High Performance Vinyl

Typeface:
- Utopia (Primary) or pre-approved alternate Century Schoolbook at 85% condensed format or greater as sign face requires and compressed average 10% letter spacing. Vendor must submit drawing 'proof' of graphics layout for review and acceptance prior to manufacture.

Font information at:
http://www.publicrelations.uncc.edu/logo/main-logo.html

BLADE

3M™ Scotchlite™ Reflective Graphic Film 5100-78 Light Green or equal. Sample swatch to be submitted by Vendor/Fabricator for Approval before assembly.

TEXT

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

HARDWARE

Unless otherwise specified, all hardware is to be Stainless Steel.

FOOTING DETAIL

For any and all exterior signage projects, Manufacturers, Vendors, and Sign Retailers must provide submit drawings listing all construction components, manufacturing steps, a drawing assembly in plan that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the University.

In many cases, the supplier must provide custom post samples, end samples, or standard aluminum samples as requested or required in the bid or request for estimating documents. Final fabrication with graphics must be signed off by Project Manager and returned via email. Final finish to vendor prior to the start of assembly. (American Sign Co. and Cargo Masters) are required for approval. As Project Manager must approve in writing the submittal drawing of all specific manufacturer processes.
General Notes:

Assembly components and installation:

A. Post stock - Aluminum 3" x 4" Square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Sign Backer - 1/8" Aluminum to match sign dimension with 3/16" x 2" rear support bars welded to vertical post 'legs', with 4 - 5/8" holes to match sign hole template to mount powder coated Backer and University Permit sign. Affixed with mechanical fasteners, and filler finish for blending with painted surfaces.

C. Footer support 2-1/2" x 3" channel steel metal footing bar. 3/4" diameter Stainless Steel hardware assembly (see detail) and #4 rebar cross pins.

D. Fasteners - 3/8" SS bolts assembly and 1" access holes opposite of [4] fasteners must be plugged with painted 'snap in' caps.

E. Footing is 12" DIA. post hole 30" in depth poured to 1" finished grade.

Finish Notes:

Paint and Graphics colors:

A. Posts and Backer Body:
Black Green
Matthews Paint Co. MP73137 RS3290
Satin Finish and Satin Clear Coat to seal.

All surfaces to be smooth and free of obvious defects; voids filled where necessary. Aluminum to be prime coated to accept finishes.

Text Graphics/Lettering:
3M Diamond Grade Prismatic or equal
White High Performance Vinyl or as specified in these documents.

Typeface:
Interstate (Primary) or pre-approved alternate Helvetica at condensed or expanded format as sign face requires for balance and readability. Vendor must submit drawing ‘proof’ of graphics layout for review and acceptance prior to manufacture.

If any Logo is required,

Logo information at:
http://www.publicrelations.uncc.edu/logo/main-logo.html

Vinyl

Sign Blank to be covered With 3M™ Grade III Prismatic White Vinyl.
Lettering in Interstate font Using Grade II prismatic Vinyl and Permit Square Use grade II in appropriate Color for permit status.
ASTM Type X1 specification

Standard Dimension

Text

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

Hardware

Unless otherwise specified, all hardware is to be Stainless Steel.

Footing Detail

For any and all exterior signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the University.

In many cases, the supplier must provide custom post samples, weld samples, or small aluminum samples as requested or required in the bid or required for material documents. Final submittals with graphics must be signed off by Project Manager and returned via email with final seal welded to vertical prior to the start of fabrication. If any questions or concerns arise during the course of manufacturing, or stated in the submittal drawing of that specific manufacturing process.
For any and all Exterior Signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing sample in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the University.

In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate. Final submittal with graphics must be signed off by Project Manager and returned via email PDF format to vendor prior to the start of manufacture.

Approved: mfake@uncc.edu
Scale: N.T.S.
Date: 10.18.2010
Sheet: 02 of 25
Drawn: slterry@uncc.edu
Checked: 
Revision: 
General Notes:

Assembly components and Installation:
A. Post stock - Aluminum 3” x 4” Square tube welded at 45 degree cut joint intersection with internal reinforced supports.
B. Header Board - Assembly painted in Campus Green, and affixed with both mechanical fasteners and adhesive systems.
C. Crown Assembly affixed to board as feature, with Gold area being O4 Gold Vinyl or Paint equal, and dark green area painted to match sign body and posts.
D. Sign Body - Aluminum with channel edge (see detail sheet), affixed with mechanical fasteners, and filler finish for blending with painted surfaces. Stainless Steel/Hinge. LED Interior Cabinet Lighting.
E. Footer support 8” x 12” C-channel steel metal footing bar. 3/4” diameter Stainless Steel hardware assembly (see detail) and #4 rebar cross pins.
F. Fasteners – 5/8 Bolt assembly and 1” access holes opposite of (E) fasteners must be plugged with painted “snap in” cap.
G. Footing is 12” DIA. post hole 42” in depth poured to -1” finished grade.

Finish Notes:

Paint and Graphics colors:
A. Posts and Sign Body:
   - ‘Black’ Green
   - MMP211S79 R91290 Satin Finish and Satin Clear Coat to seal. Alternate – RAL 6012 Black Green
B. Header Assembly:
   - Campus Green MMP 449
   - R91290 Satin Finish and Satin Clear Coat to seal.
C. Canopy Assembly:
   - “Natural White LH’
   - MMP42220SP R282204SP Satin Finish and Satin Clear Coat to seal.

3D VIEW OF CROWN ASSEMBLY

BANNER

Two piece Band-board header component. To be mounted with mechanical fasteners combined with adhesive product to eliminate Separation from sign body.

TEXT

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

HARDWARE

Unless otherwise specified, all hardware is to be Stainless Steel.

FOOTING DETAIL

COLOR VIEW EXAMPLE

STANDARD DIMENSION
General Notes:

Assembly components and installation:

A. Post stock - Aluminum 3” x 4” square tube welded at 45 degree cut joint intersection with internal reinforced supports.

B. Sign Backer – 1/8” Aluminum to match sign dimension with 3/16” x 2” rear support bars welding to vertical post ‘legs’, with 4 – 3/8” holes to match sign hole template to mount powder coated Backer and University Permit sign. Affixed with mechanical fasteners, and filler finish for blending with painted surfaces.

C. Footer support: 2” x 3/8” channel steel metal footing base. 3/8” diameter Stainless Steel hardware assembly (see detail) and #8 rebar cross pins.

D. Fasteners – 5/8” SS Bolt assembly and 1” access holes opposite of (E) fasteners must be plugged with painted ‘snap in’ cap.

G. Footing is 12” dia. post hole 30” in depth poured to 1” finished grade.

Finish Notes:

Paint and Graphics colors:

A. Posts and Backer Body:

‘Black’ Green
Matthews Paint Co. MFY2137 R91290 Satin Finish and Satin Clear Coat to seal.

All surfaces to be smooth and free of obvious defects; soils filed where necessary. Aluminum to be prime coated to accept finishes.

Text Graphics/Lettering:

3M Diamond Grade Prismatic or equal
White High Performance Vinyl or as specified in these documents.

Typeface:

Interstate (Primary) or pre-approved alternate Helvetica at condensed or expanded format as sign face requires for balance and readability. Vendor must submit drawing ‘proof’ of graphics layout for review and acceptance prior to manufacture.

If any Logo is required,

Logo information at:

http://www.publicrelations.uncc.edu/logo/main-logo.html

For any and all Exterior Signage projects, Manufacturers, Vendors, and Sign Retailers must provide submittal drawings listing all construction components, manufacturing steps, a drawing assembly in 3D that includes detail sheets for specific structural or finish applications. This may require field measurement of existing installations in addition to any specifications provided by the University.

In many cases, the supplier must provide current paint samples, vinyl samples, or small aluminum samples as requested or required in the bid or request for estimate documents. Final selection with graphics must be signed off by Project Manager and returned via email with formal letter to vendor prior to the start of manufacture. All logo, support, and backing components are to be reviewed with graphics must be signed off by Project Manager must approve in writing on the submittal drawing of that specific manufacturing process.

BANNER

Painted direct band header component.

Decal Crown mounted directly to the painted sign body.

TEXT

Refer to page 4. Utopia is the standard font excluding the logo which is provided by the University Marketing Department.

HARDWARE

Unless otherwise specified, all hardware is to be Stainless Steel.

FOOTING DETAIL