Eastern Connecticut State University
ENVIRONMENTAL GRAPHICS PROGRAM
100% DOCUMENTATION
JANUARY 14, 2002
<table>
<thead>
<tr>
<th>General</th>
<th>Location Plans</th>
<th>Graphic Drawings</th>
</tr>
</thead>
<tbody>
<tr>
<td>A - Table of Contents</td>
<td>LP01.00 - Overall Site Plan</td>
<td>GD01.00 - AA1/Entry Monument</td>
</tr>
<tr>
<td>B - Hierarchy</td>
<td>LP02.00 - Section A</td>
<td>GD01.01 - AA1/Entry Monument Wall Detail</td>
</tr>
<tr>
<td>C - Color Palette</td>
<td>LP03.00 - Section B</td>
<td>GD01.02 - AA1/Entry Monument Gate Detail</td>
</tr>
<tr>
<td>D - Typography &amp; Symbols</td>
<td></td>
<td>GD02.00 - AA3/Boundary Monument</td>
</tr>
<tr>
<td>D.1 - Typical Post/Panel Details</td>
<td></td>
<td>GD03.00 - AA4/Athletic Complex ID</td>
</tr>
<tr>
<td>E - Specifications</td>
<td></td>
<td>GD04.00 - AA5/Visitor Parking ID</td>
</tr>
<tr>
<td>F - Specifications</td>
<td></td>
<td>GD05.00 - AA6/Parking Lot ID (NOT USED AT THIS TIME)</td>
</tr>
<tr>
<td>G - Specifications</td>
<td></td>
<td>GD05.10 - AA6A/Parking Lot ID (alternate)</td>
</tr>
<tr>
<td>H - Specifications</td>
<td></td>
<td>GD06.00 - AA7/Special Use Building ID</td>
</tr>
<tr>
<td>I - Specifications</td>
<td></td>
<td>GD07.00 - AA8/Primary Building ID (single)</td>
</tr>
<tr>
<td>J - Specifications</td>
<td></td>
<td>GD07.01 - AA8a/Primary Building ID (multiple)</td>
</tr>
<tr>
<td>K - Specifications</td>
<td></td>
<td>GD07.02 - AA8b/Primary Building ID (special)</td>
</tr>
<tr>
<td>L - Sign Code Key</td>
<td></td>
<td>GD08.00 - AA9/Secondary Building ID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD08.01 - AA9a/Secondary Building ID with Directional</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD09.00 - AA10/Shuttle Stop ID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD10.00 - AA11/Street Signs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD11.00 - AB1/Pedestrian Orientation Maps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD11.01 - AB1/Map and Listing Detail</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD12.00 - AB2/Pedestrian Events Kiosk</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD13.00 - AD1/Primary Vehicular Directional</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD14.00 - AD2/Secondary Vehicular Directional</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD15.00 - AD3/Primary Pedestrian Directional</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD16.00 - AD4/Trailblazers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GD17.00 - AE1/Regulatory Signs</td>
</tr>
</tbody>
</table>

*NOTE: Sign type AA2 is not used at this time.*
Color Palette

- **P-1** White
- **P-2** Black
- **P-3** Red PMS 1815 Pittsburgh Paints Brick Dust 452-7
- **P-4** Blue PMS 268 Pittsburgh Paints Admiral Blue 448-7
- **P-5** Blue PMS 268 Pittsburgh Paints Brilliant Blue #349-7
- **P-6** Bronze Metal (if painted finish, use Matthews Paints Medium Bronze #41-512)
- **P-7** Sand PMS 156 Pittsburgh Paints Toffee Crunch #216-4
- **P-8** "Iro" Bronze Matthews Paints Dark Bronze #41-313
- **P-9** White Reflective 3M 510-10
Typography & Symbols

Logo

Standard School Name Typeface for Signage

EASTERN CONNECTICUT STATE UNIVERSITY

ECSU

Typefaces

Sabon Bold
ABCDEFHIJKLMNOPQRSTUVWXYZ
abcdefghiJKLMNOPQRSTUVWXYZ
1234567890

Meta Plus Bold Roman
ABCDEFHIJKLMNOPQRSTUVWXYZ
abcdefghiJKLMNOPQRSTUVWXYZ
1234567890

TRAJAN BOLD
ABCDEFHIJKLMNOPQRSTUVWXYZ
1234567890

General Symbols

Directional Arrow

TRAJAN BOLD
ABCDEFHIJKLMNOPQRSTUVWXYZ
1234567890

1234567890

Client/Design Architect
EASTERN CONNECTICUT STATE UNIVERSITY
83 WINDHAM STREET
WILLIMANTIC, CONNECTICUT 06226
860-465-5000

Graphic Consultant

Daylily Studio Suite 15
Emeryville, California 94608
Telephone 510-590-8810
Fax 510-590-8814

Project

Eastern Connecticut State University

Project Number
0218.00

Date Document
2/13/01 Schematic Design
5/25/01 100% Design Development
7/27/01 100% Documentation
1/14/02 100% Documentation

Drawing Title

Typography & Symbols

Drawing Number
D
NOTES:

Post is a 4" x 4" custom formed aluminum extrusion with fluted/scalloped sides, slotted on one side to slide and attach the panel, the panel is 1/4" aluminum with a minimum of two (2) half circle tabs on each side to attach panel to post, fasteners pass through the post and panel, covered on each exposed end with acorn nuts.

Position of the tabs/acorn nuts vary depending on sign type, see individual sign type sheets for approximate positions.

Acorn nuts on both ends of fasteners, finish is brushed.

ELEVATION

Scale: 1/2" = 1'

PLAN

Scale: 1/2" = 1'
PART 1 GENERAL REQUIREMENTS

1.01 OWNER/DESIGNER/ PROVIDED INFORMATION

A. DESIGN DOCUMENTS
   1. Square Peg Design will provide to the fabricator: Design Intent Drawings (G.D. Drawings), Location Plans (L.P. Drawings), Message Schedule and Specifications.
   2. Fabricators will be provided with one hard copy and one electronic file.
   3. Design drawings are provided on Mac O.S., Adobe Illustrator 8.0.
   4. Location Plans may be provided on Mini-Cad.
   5. Message schedules will be provided in Microsoft Word 6.0.
   6. The fabricator is expected to have compatible hardware and software to utilize the documentation.
   7. It is the fabricator's responsibility to ensure they have obtained all of the documentation described above prior to beginning work on this project.

1.02 WORK INCLUDED

A. Scope
   1. The scope of work shall include the signs and graphic amenities described in the Design Intent Documents (GD Drawings), the location plans (LP Drawings), message schedule and the following specifications.
   2. The Sign Fabricator shall be required to provide Square Peg Design with construction drawings (Shop Drawings) for each sign type unless otherwise noted or agreed to by Square Peg Design.

B. Related Work Specified Elsewhere
   1. Refer to Architectural, Landscaping, Civil, Structural, Electrical and Lighting drawings and specifications as related to the work to be performed.
   2. Refer to drawings for logos and copy material to be used during signage fabrication.

1.03 QUALITY ASSURANCE

A. Sign Fabricator
   1. The Sign Fabricator shall review all construction documents, schedules and phasing requirements of the project prior to submittal of fabrication and installation schedule.
   2. Where special job conditions occur or where there is uncertainty as to the interpretation, the Sign Fabricator shall inform Square Peg Design in writing for clarification before executing the work.
   3. Should the sign fabricator find any discrepancies in the design intent drawings, location plans and/or message schedule, it is the fabricator's responsibility to note the discrepancy in writing and obtain clarification from Square Peg Design prior to proceeding with fabrication.
   4. The Sign Fabricator shall use adequate equipment and number of skilled workmen who are thoroughly trained in the necessary crafts and are completely familiar with the specified requirements, materials and methods needed for the proper performance of the work to be completed.
   5. The Sign Fabricator shall be responsible for visiting the site and shall be responsible for verifying all field dimensions and site conditions.
   6. The Sign Fabricator shall be responsible for attending construction meetings as established or required by the Owner.

B. Related Work Specified Elsewhere
   1. Refer to Architectural, Landscaping, Civil, Structural, Electrical and Lighting drawings and specifications as related to the work to be performed.
   2. Refer to drawings for logos and copy material to be used during signage fabrication.
B. Insurance

1. The Sign Fabricator shall furnish to the Owner evidence of adequate insurance coverage prior to the performing of any signage fabrication or installation as may be required.

2. The Sign Fabricator shall indemnify and hold the Owner and Square Peg Design harmless from and against all claims, actions or damages resulting from the fabrication, non-approved substitutions of materials and installation of work specified herein.

1.04 GENERAL INSTRUCTION

1. The Sign Fabricator shall be responsible for the engineering, fabrication, coordination of sub-contractors, installation and service of the signs as per the Design Intent Drawings and Specifications.

2. The Sign Fabricator shall at all times guard from damage or loss, the property of the Owner and their vendors or Contractors, and shall replace or repair any loss or damage unless such be caused by the Owner, other vendors or Contractors. The Owner may withhold payment or make such deductions as deemed necessary to ensure reimbursement for loss or damage to property through negligence of the Sign Fabricator or his agents. The Sign Fabricator shall at all times guard against injury to persons within the Owner’s facility or facility site.

3. During the installation of all signage units, the Sign Fabricator shall structure his work and provide adequate and qualified personnel to ensure the least amount of inconvenience and interruption of normal activities of other Contractors. Working hours shall have the approval of the General Contractor and the Owner.

1.05 SUBMITTALS

A. General

1. Unless otherwise agreed to, the Sign fabricator shall not order any materials or perform any construction or fabrication until shop drawings, patterns, samples, engineering and prototypes have been approved by the Owner in writing.

2. Any construction or fabrication performed or materials ordered prior to the approval of samples and prototypes shall be at the Sign Fabricator’s own risk.

3. Unless otherwise agreed to by Square Peg Design, three sets of submittals shall be sent to Square Peg Design for approval. Submittals shall include Shop Drawings (in sufficient detail to indicate materials, dimensions and fabrication methods), patterns, prototypes, material samples, paint matches and any other material pertaining to the specified work. One set of submittals shall be returned to the Sign Fabricator with indication as to the approval status of each submittal item. All fabricator inquiries shall be directed to the Square Peg Design unless noted otherwise.

4. Approval by Square Peg Design of the Sign Fabricator’s samples and prototypes relates to the requirements for design and compliance with drawings and specifications only.

5. Approval shall not relieve the Sign Fabricator from responsibility for errors in dimensions, nor for inadequate or improper use of materials for construction.

6. The Sign Fabricator is to provide a complete schedule of submittals relating to all signage and dates anticipated for such submittals and intended installation. The schedule shall include dates of submittal of Shop Drawings, samples, prototypes, fabrication schedule, and installation dates.

B. Shop Drawings and Record Drawing

1. Submit three (3) complete sets of Shop Drawings for approval prior to the fabrication of all items furnished under this Contract, in accordance with the requirements of the General Provisions, Special Conditions and Technical Specifications.

2. "Shop Drawings" are expected for each sign type. Depending on the complexity of a sign type, information may vary from detailed and annotated version of Square Peg Design’s drawings to fully engineered and detailed construction drawings.

3. Patterns - Full size patterns for each sign type shall be provided. Each pattern will contain design for approval. Hand drawn patterns of logos will not be accepted by the Graphic Consultant.

4. Patterns will contain a solid black line, indicating the outline of the sign. Patterns will be on white paper with SOLID black letterforms.

5. Fabricator will submit scaled layouts for all messages. Layouts will contain an outline indicating the outline of the sign showing placement of copy. Layouts will be large enough in size that copy is a minimum of 12 pts.

6. Shop Drawings shall bear the seal and signature of an Engineer licensed and certified by governing authority and shall conform to all applicable codes.

7. Shop Drawings shall include all fabrication and attachment details, all mechanical fasteners, hinges removable panels, attachments, steel support framing, location size, dimensions, finish or any other related item necessary to fabricate and install finished signs.

8. Shop Drawings shall include the location and all seams on exposed faces as required or as indicated on Design Intent Drawings. Hand drawn patterns of logotypes will not be accepted by Square Peg Design for review.

9. Shop Drawings shall include exact identification of all materials used for all sign types and required sizes of structural members as determined by the Structural Engineer.

10. Shop Drawings shall include exact product identification of all painted formulas and colors.

11. Shop Drawings shall include all vinyl and ink colors used for legends, texts, symbols and background colors as indicated.
C. Samples and Prototypes

1. The Sign Fabricator shall submit to the Owner 10" x 10" samples of all materials and paint finishes in sets of five (5) each.

2. All samples and prototypes submitted shall be in strict accordance with the requirements of the General Provisions, Special Conditions, Technical Specifications and approved Shop Drawings and shall establish a standard of workmanship, construction and finish.

3. Samples and prototypes submitted to Square Peg Design for approval shall be reviewed; they will then either be approved or returned to the Sign Fabricator for changes and/or corrections. Returned samples and prototypes shall be revised and resubmitted until approved.

4. The approved samples and prototypes shall be used as a standard for determining the acceptability of the Work to be installed. Approved samples shall remain with Square Peg Design or may be approved for installation. Approved prototypes shall be wrapped, protected and stored locally by the Sign Fabricator until the installation phase of the Work.

5. Sign fabricator will provide full size samples/prototypes of the following, using actual materials and finishes as specified in this document:
   - D.1 - post extrusion (provided prior to full size prototypes being done)
   - AA1 - section of fence and panel; samples of sandblasted brownstone (see drawing)
   - AA8 - complete sign PROVIDE SAMPLE OF POST EXTRUSION PRIOR TO PROTOTYPE FABRICATION
   - AA10 - full size proof of route map
   - AA11 - full size prototype
   - AB1 - full size samples of map and listing
   - AD4 - full size prototype

1.07 GUARANTEE
A. General

1. The Sign Fabricator shall furnish a written guarantee stating that all materials and workmanship are guaranteed against defects for a period of two (2) years after completion and final acceptance of the work, and that all materials and installation are in complete accordance with these and the Manufacturer's written specifications and/or recommendations.

2. The Sign Fabricator shall furnish a written guarantee stating that all materials and workmanship are in complete accordance with Manufacturer's written specifications, written recommendations and governing standards.

3. Defects due to faulty material or workmanship developed during the guarantee period shall be repaired or replaced by the Sign Fabricator at his expense, to the satisfaction of the Owner.

1.08 PRODUCT STORAGE, DELIVERY, HANDLING AND REMOVAL
A. General

1. All signs, graphics or signage materials shall be protected with wrapping materials and shall be on pallets, platforms or other supports and not stored directly on the floor during fabrication and delivery for installation.

2. All signs, graphics or signage materials shall not be exposed to damaging conditions or abrasion during storage, fabrication, delivery or installation.

3. All signs shall be stored in an enclosed space and not be subject to natural elements until installation.

1.09 SUBSTITUTIONS
A. Scope

1. The materials or products specified herein and indicated on drawings by trade names, manufacturer's name or catalog number shall be as specified.

2. The materials or products specified herein and indicated on drawings by trade names, manufacturer's name, or catalog numbers have been based on on-site field conditions, experience and guarantees.

3. Substitutions will not be permitted, except by the written approval of Square Peg Design.

4. Square Peg Designs decisions of approval or disapproval of a proposed substitution is final.
PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. General

1. Subject to compliance with the requirements specified herein and to provide standardization of materials and systems, the Sign Fabricator shall provide products of the following:

2.02 MATERIALS

A. General

1. To establish a standard of quality, design and function desired, portions of the drawings and specifications have been based on the products of manufacturers mentioned hereafter.

2. All materials shown on the drawings shall be the best quality products available.

3. All additional parts necessary to complete fabrication and installation shall be furnished by the Sign Fabricator.

4. Should conflicts occur in or between drawings, sign schedules, written specifications and on-site conditions, the Sign Fabricator is deemed to have included under the contract sum the more expensive items or method of construction.

5. The Sign Fabricator shall strictly adhere to the fabrication and application specifications of all applied materials of manufacturer to insure the full two (2) year contractual warranty and the full five (5) year manufacturer warranty as per section 1.07.

B. Paints Acrylic Polyurethane Paints

1. The Sign Fabricator shall strictly adhere to the application specifications of all paints of the manufacturers.

2. All paints shall be UV resistant.

3. The Sign Fabricator shall verify all paint types with manufacturer and Square Peg Design with specific regard to substrate in order to achieve the greatest durability and performance.

4. All metal sign components shall be painted with a catalyst hardened acrylic polyurethane paint that is UV resistant.

5. The Sign Fabricator shall strictly adhere to the application specifications of all accessory paint and ink components of the manufacturers including but not limited to solvent wipes, metal pretreatments, metal activators, paint reducers and paint catalysts.
PART 3 EXECUTION

3.01 GENERAL

1. The Sign Fabricator shall take field measurements prior to the fabrication of signage to ensure proper fitting of work.

2. All written dimensions shall take precedence over scaled dimensions on all drawings. Sign Fabricator shall be responsible for verifying all dimensions.

3. Perform work in cooperation with other trades and verify size, location and placement of all signage. Coordinate field measurements and Shop Drawings with fabrication and shop assembly.

4. Stake out locations of all signs in the field with the Square Peg Design prior to installation to avoid obstacles above or below the floor or grade and to ensure proper placement.

5. Where adhesive is specified, only adhesives specifically recommended by the manufacturer for compatibility with the base materials and adhesive strength shall be used.

6. Sign faces and material shall utilize proper adhesives and shall be smooth, consistent, free of bubbles, bulging and foreign matter.

7. All message pattern applications shall be crisp, sharp, clean and free of nicks, discontinuous curves, line wave and other imperfections.

8. All finished work shall be smooth, free of scratches, gouges and other imperfections. Sign edges shall be straight, smooth, free of cutting marks and other defects.

9. The Sign Fabricator shall be responsible for restoring all adjoining structures and surfaces of finishes where damaged or soiled by the sign installation. Restoration shall be performed by the Sign Fabricator or by original Trades if requested by the Owner.

10. The Sign Fabricator shall repair and replace materials or signs damaged during installation.

11. The Sign Fabricator shall coordinate with other related trades, the removal and installation of signage and components to ensure uninterrupted progress of Work.

12. The Sign Fabricator shall retain protective coverings on signage and remove only when there is no possibility of damage from other work to be performed at the same location.

13. All coatings are to be smooth and consistently uniform.

14. The cured coating surface is to have a uniform finish that matches the specified color and finish.

15. All coatings shall be compatible with the surface to which they are applied. They shall also be applied in the method recommended by the manufacturer and with high industry standards.

16. All splatters, drips, spills and oversprays shall be removed.

17. High points, low points and irregularities in the ground which in any way may affect installation of work under this contract or separate contract shall be promptly brought to the attention of the Owner.

3.02 FABRICATION

A. General

1. All work shall be fabricated in accordance with the approved Shop Drawings.

2. All cutting, fabrication and assembly shall be done in the factory and shipped to the job site as one complete unit, unless approved by the Owner.

3. All joints, corners, miters, splices or signage shall be accurately machined, filled, fitted and rigidly framed together at joints and contact points. All signs shall be painted smooth to produce a monolithic appearance and with visually imperceptible joints.

4. All mechanical fasteners shall be countersunk, filled, ground smooth and painted as to render them visually imperceptible, unless otherwise specified as exposed.

5. All sign cabinets shall be built to prevent water infiltration.

6. The heads of exposed mounting fasteners shall match the color and finish of the sign area where they occur.

7. All Work Shall be erected plumb, level and true with proper alignment and proper relationship to the work of the trades.

8. All priming, surface preparation and paint application shall be in accordance with the manufacturer's written data, description and instructions for that type of material.

9. All signs shall be flat, true and free of waviness.

3.03 SIGNAGE LOCATION

A. General

1. The site plan and partial site plans illustrate the general location and orientation of specific sign units.
2. The Sign Fabricator shall be responsible for conducting on-site inspection of the existing site prior to sign fabrication and shall review all final sign locations and positioning with the Owner.

3. The Sign Contractor shall field verify all dimensions and conditions shown in the Design Intent Drawings and Specifications. For all sign units that must fit closely with an existing architectural detail, the Sign Fabricator shall take on-site dimensions.

4. Any variation from the dimensions shown within the Design Intent Drawings and Specifications from those on site dimensions taken by the Sign Contractor shall be brought to the attention of the Square Peg Designer prior to sign fabrication.

5. It shall be the Sign Fabricator's responsibility to fabricate the signage to meet the on-site field conditions.

3.04 MESSAGE PATTERNS, LETTERFORMS AND SYMBOLS

A. General

1. The Sign Fabricator shall not be permitted to cut apart characters, words, or message lines or in any way alter the alphabet spacing guide without the approval of the Owner. No fasteners shall interrupt sign typography or graphics.

2. All signage information which is found to not fit the panel or which is found to be conflicting shall be resolved by the Owner. The Sign Fabricator shall not resolve content discrepancies on his own.

3. All letterforms and symbols shall be as indicated in the drawings.

4. All finished letterforms and symbols shall be free of nicks, burns, cuts, bubbles or any other irregularities.

5. All typographic and graphic images for signage shall be computer generated from All such images, whether fabricated metal characters, routed or acrylic characters, shall be completely smooth and uniform in appearance, with even opaque colors, and sharp, clear and unbroken edges, curves and angles.

3.05 METALS

A. General

1. All metal surfaces shall be cleaned, prepared, degreased and treated in strict accordance with the recommendations of the manufacturer of the surfacing material to be applied thereon. All work shall be subject to the approval of and performed to the satisfaction of the Owner.

2. All metals shall be smooth and free of nicks, scars, marks or burns. Fluorocarbon and silicon finishes are not suitable finishes for surfacing.

3. Aluminium plates, extensions and supports shall conform to the requirements of the sign details, ASTM standards and as submitted and approved on the shop drawings.

4. All screws, bolts and fasteners where used with aluminum shall be aluminum, unless otherwise specified.

5. All flat-headed screws used to hold signage in place shall be countersunk with the head painted to match the adjacent panel surface color.

6. All miscellaneous steel shall conform to the requirements of the sign details and ASTM standards and shall be as submitted and approved on the Shop Drawings.

7. All steel items shall be thoroughly cleaned and hot dipped galvanized after fabrication.

8. All welding of aluminum or steel shall conform to AWS Standards and shall be performed by certified welders licensed to perform such work.

9. All fastenings shall be as indicated on the drawings and shall be compatible to the materials fastened.

10. Isolation materials shall be provided between unlike metals (i.e., aluminum and steel).

3.06 MATERIAL CLEANING AND INSTALLATION

A. General

1. Examine backup surfaces to determine that corners are plumb and straight, surfaces are smooth, uniform, clean and free from foreign matter, nails countersunk and holes, joints and cracks filled fresh and smooth with adjoining surface prior to attaching signage.

2. The Sign Fabricator shall not commence installation until backup materials are in a condition satisfactory to the General Contractor to receive surfacing.
3.07 PAINTS

A. Application

1. All paints and inks shall be of type specially formulated and manufactured for application of the surface material upon which it is to be applied and recommended for such use by the manufacturer of the paint and ink.

2. Priming, surface preparation and application of all materials shall be in strict accordance with manufacturer's written product data and description, and as otherwise necessary to produce a finish free of blistering, bleeding, fading and other imperfections.

3. Mix paint for each color shall be ordered in sufficient quantity to assure consistent signage application.

4. All paint colors and samples shall match specified manufacturer's color number as approved by the Owner during Shop Drawings review.

5. All paint colors shall be consistent in chroma and value and shall maintain proper opacity or translucency as indicated.

6. All paint shall be of the finest quality of heat, moisture and fade proof pigments and vehicles. For each color specified, the paint shall be mixed in sufficient quantity to accommodate every sign application of the specified color.

7. The Sign Fabricator shall allow paint surfaces to air dry forty-eight (48) hours prior to the application of marking film which shall be applied to protect all sign surfaces during shipping and erection.

8. All screws used to hold signage in place shall be painted to match the adjacent panel surface color.

A. Painting

1. Properly clean surfaces to be coated as per manufacturer's instructions.

2. All paint colors shall match specified samples and/or manufacturers' color numbers.

3. Final painting shall be free of blistering, bleeding, fading and other imperfections.

4. Color breaks that occur on the sign face are to be sharp and even, with no serration or color bleed.

5. The Designer shall specify any and all paint colors and finishes not specifically specified herein with a manufacturers number and finish type.

3.08 SIGNAGE INSTALLATION

A. General

1. The Sign Fabricator shall be responsible for calculating adequate below-grade concrete foundations and stabilizing plate requirements. A safe and sound installation that is well within the wind-load stress standards and permit requirements must be achieved and is the responsibility of the Sign Fabricator.

2. All signage is to be clean and free of all glue, tape and other extraneous materials.

3. All signage is to be free of fabricator's logo or identification.

4. All debris relating to signage installation must be removed from the areas of the project after completion of the installation phase.

5. The Sign Contractor shall provide in writing any specific signage maintenance specifications or upkeep instructions to the Owner. This information relates specifically to the needs of all provided sign types contained in this document.

6. No screws or fasteners shall be permitted to interrupt and/or interfere with signage typography or graphics.

3.09 LIGHTING

A. General

1. All signage is to be illuminated as indicated on the drawings.

2. The Sign Fabricator shall be responsible for providing electrical service within each sign and for providing lighting types and supports as indicated on the drawings.

3. It shall be the Owner's responsibility to provide electrical service to a point adjacent to the sign use by the Sign Fabricator's Electrical Contractor. The Sign Fabricator's Electrical Contractor shall be responsible for pulling electrical service from this point as required.

4. Cold cathode lighting used to illuminate the sign cabinets shall be as specified by the Lighting Designer. The Sign Contractor shall verify light fixture type with Owner and Lighting Designer prior to submitting bid (tender).
Example: **AA1.01**

### Sign Code Key

<table>
<thead>
<tr>
<th>Sign Number</th>
<th>Sign Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA1.01</td>
<td></td>
</tr>
</tbody>
</table>

### Sign Location

#### Area Location

- **Front of House**
  - A = Site
  - B = Building
  - C = Car Park

- **Back of House**
  - D = Site
  - E = Building
  - F = Car Park

### Sign Function

- A = Identification
- B = Information
- C = Code
- D = Directional
- E = Regulatory
- F = Graphic Amenity
- G = Amenity/Furniture
NOTES:

Entry monuments and gates are custom masonry, sandblasted brownstone, granite, and aluminum grille work as detailed on the following sheets.

Fabricator is responsible for reviewing all site conditions and coordinating with client/landscape architect on exact placement.

(Entry monument and gate on right side of drive may be constructed at a later date than the left side, TBD by client.)
Grille work is aluminum tubing or bar stock, welded together, all welds as smooth and finished as possible, paint finish.

Panel is flush to grille on all sides.

Tabs/angle on backside of panel, welded to grille work.

Aluminum tabs/angles welded to grille work behind panel, spaced apart as necessary to insure that panel does not bow or warp, panel attaches to tabs/angle with concealed fasteners, tabs are painted to closely match panel color.

Corner where grille work angles back toward column.

Bronze panel, seams as even and unnoticeable as possible, see above for attachment to tabs on grille work.

7" (h) x 1/2" deep cut-out aluminum letters with paint finish, concealed stud mounted flush to bronze panel, any exposed fasteners on backside of panel are to be painted to closely match panel color.

Brick/masonry and granite sizes, footings and construction details to be coordinated with fabricator, brick and granite colors/finishes to be coordinated to blend with existing finishes on campus.

NOTE: ALL OVERALL DIMENSIONS ON THIS SHEET ARE APPROXIMATE, FABRICATOR TO REVIEW SITE CONDITIONS AND COORDINATE WITH CLIENT ON FINAL PLACEMENT.
Campan photos of existing columns with spheres, granite finish for all column caps and wall bases is to match existing as closely as possible.

Greystone plaque is recessed into brick column, plaque has sandblasted graphics into background, fabricator to provide samples of different types of greystone for review prior to final fabrication, depth of plaque TBD by samples, artwork will be provided to fabricator.

Brick color is to closely match or blend with existing brick colors used on campus, final selection by client and Square Peg design.

Campus photos of existing columns with spheres, granite finish for all column caps and wall bases is to match existing as closely as possible.
COLUMNS, CAP, SPHERE, AND GREYSTONE PLAQUE ARE SAME SIZES AND CONSTRUCTION AS ENTRY GATE.

GREYSTONE PLAQUE IS ON TWO SIDES (opposite sides)
GRILLE WORK, PANEL AND LETTERS
ARE SAME CONSTRUCTION, SIZES, AND
DETAILS AS ENTRY MONUMENT
(length of sign is different)

GREYSTONE PLAQUE /COLUMNS
ARE SAME CONSTRUCTION AS ENTRY
GATE WITH SIZES AS NOTED ON THIS SHEET
(note: columns do NOT have sphere on top)

INSET DETAIL
Scale: 1 1/2" = 1'-0"

ELEVATION
Scale: 1/4" = 1'-0"
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished, main body copy is reflective vinyl, "ECSU" tag line and logo are premium grade vinyl for exterior use, copy is doublefaced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade

(some locations may require core drilled pavement)
NOTES:
Cabinet is fabricated aluminum with paint finish on all sides, color bands are masked and painted on faces only and do not wrap around sides, cabinet appears seamless, all copy and symbols are reflective vinyl, doublefaced graphics, cabinet is mounted to concrete pad set in place by fabricator.

Background panel is 5/8" MDO or plywood with blue paint finish on all sides, band colors are on face only, all copy and symbols are white reflective vinyl, copy is SF (singlefaced)
Post is 4" x 4" painted wood

Suggested lot identification, final copy to be coordinated with client
Copy shown is for placement only, final copy TBD

Background panel is 5/8" MDO or plywood with blue paint finish on all sides, band colors are on face only, all copy and symbols are white reflective vinyl, copy is SF (singlefaced)
Post is 4" x 4" painted wood

Suggested lot identification, final copy to be coordinated with client
Copy shown is for placement only, final copy TBD

Background panel is 5/8" MDO or plywood with blue paint finish on all sides, band colors are on face only, all copy and symbols are white reflective vinyl, copy is SF (singlefaced)
Post is 4" x 4" painted wood

Suggested lot identification, final copy to be coordinated with client
Copy shown is for placement only, final copy TBD
NOTES:

Cabinet is fabricated aluminum with paint finish, formed to custom shape as shown, oval notch on top spans across top of cabinet, cabinet is housed with an electronic message board on each side that will accommodate two lines of scrolling text, lettering color options TBD, sign is doublefaced, message board face should be flush with main cabinet face, sealed properly for exterior use, access panel to be incorporated for message board maintenance, posts are 7" x 7" fabricated aluminum with paint finish, sign copy and graphic line are premium grade vinyl for exterior use, brick base is by fabricator, fitted with appropriate anchor bolts for installing cabinet/posts, all footings as determined by fabricator.
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished, main body copy and address are reflective vinyl, "ECSU" tag line is premium grade vinyl for exterior use, copy is doublefaced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade

(if location dictates an installation into sidewalk or paving, use sleeves set into core drilled pavement)
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished, main body copy and address are reflective vinyl, "ECSU" tag line is premium grade vinyl for exterior use, copy is doublefaced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade

(if location dictates an installation into sidewalk or paving, use sleeves set into core drilled pavement)
**NOTES:**

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished, main body copy and address are reflective vinyl, "ECSU" tag line is premium grade vinyl for exterior use, copy is double-faced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade

(if location dictates an installation into sidewalk or paving, use sleeves set into core drilled pavement)
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished, all copy and logos are premium grade vinyl for exterior use, copy is doublefaced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade

(if location dictates an installation into sidewalk or paving, use sleeves set into core drilled pavement)
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, all copy, arrows and logo are premium grade vinyl for exterior use, copy is double faced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade

(if location dictates an installation into sidewalk or paving, use sleeves set into core drilled pavement)
NOTES:

Cabinet is fabricated aluminum with paint finish on all sides, color bands are masked and painted, cabinet appears seamless, all copy and symbols are reflective vinyl, route map is 3M digital output vinyl laminated to both faces of cabinet, output has matte over-laminate and UV inhibitors to reduce fading, size of map is approximate and shown as a placeholder only, artwork file will be provided to fabricator by client or designer, cabinet is mounted to concrete pad set in place by fabricator.
NOTES:

Post is 3" x 3" capped aluminum with 2" x 2" extrusion welded to top, extrusion is slotted to allow the name panels to be slipped through the extrusion, 2" post top is capped, entire post has paint finish, panels are 1/4" aluminum plate with paint finish on all sides, sits into slot in post and fastened with bolts which pass through post/panel and capped with acorn nuts on both sides, street names are reflective vinyl, logo is premium grade vinyl for exterior use, copy/logo are doublefaced, post is set in concrete fill minimum 2'-0" below grade

(some locations may require core drilled pavement)

Signs should point towards sidewalks, not in road.
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished.

Header copy and logo are premium grade vinyl for exterior use.

Map graphic and listing are 3M digital output laminated to 1/4" aluminum panel and stud mounted to main panel, output has UV inhibitors to reduce fading, map/listing panels need to be removable for changes.

Side cabinet with angled roof is fabricated aluminum with paint finish, internal structure for mounting to concrete base.

Right side post is 4" x 4" custom aluminum extrusion with paint finish, earth bury and concrete fill minimum 2'-0" below grade.

Take out map box is fabricated aluminum with hinged top lid, alternate lid may be used from that illustrated on this drawing, mounts flush to side of cabinet, box should be fabricated to protect maps from moisture, painted finish on inside and outside, vinyl copy on front side of box, maps will be provided by ECSU (some locations may require core drilled pavement).

FILES FOR MAP & LISTING WILL BE PROVIDED TO FABRICATOR IN ADOBE ILLUSTRATOR 8, MAC FORMAT.
NOTES:

Map and listing files are provided to fabricator by Square Peg Design in Adobe Illustrator 8, Mac format

Client to review and approve all copy/destinations prior to fabrication

Fabricator to submit samples of map and listing for color approval prior to fabrication
NOTES:

Cabinet is fabricated aluminum with angled roof and notched area on one side for logo, paint finish, cabinet appears seamless, cabinet is faced with a non-illuminated aluminum display case that is manufactured for exterior use, case has tempered glass cover, side piano hinge, and stainless steel lock, case is sealed as required to prevent glass fogging or moisture inside, case sits flush to main cabinet face, interior if display case has black tack surface

Copy and logo are premium grade vinyl for exterior use

Brick base is by sign fabricator, fitted with required anchor bolts for installing cabinet

Inserts for display case are furnished by client
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, main body copy is reflective vinyl, arrows are reflective vinyl with custom color applied, "ECSU" tag line and logo are premium grade vinyl for exterior use, copy is doublefaced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0" below grade.

(some locations may require core drilled pavement)
NOTES:

SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, main body copy is reflective vinyl, arrows are reflective vinyl with custom color applied, "BCSU" tag line is premium grade vinyl for exterior use, copy is doublefaced unless otherwise noted on message schedule, posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2'-0' below grade

(some locations may require core drilled pavement)
Fastener passes through post and panel
Scalloped sides
Center panel
Welded ledge to stack strips

**Fastener**

**Scalloped sides**

**Center panel**

**Welded ledge**

**Stack strips**

---

4. **MODIFIED POST/PANEL**

- Scale: 1 1/2" = 1'-0"

---

5. **STRIP DETAILS**

- Scale: 3/4" = 1'-0"

---

6. **HURLEY COURTYARD**

- Arrow strips
- Copy strips

---

7. **ELEVATION**

- Scale: 3/4" = 1'-0"

---

8. **LINE GRAPHIC DETAIL**

- Scale: 1 1/2" = 1'-0"

---

**NOTES:**

- **SEE SHEET D.1 FOR TYPICAL POST/PANEL DETAILS**
- **SEE DETAIL 4 ON THIS SHEET FOR MODIFICATIONS**

Center panel is 1/4" painted aluminum, cut to shape as shown, painted on all sides, line graphic is laser/water jet cut through panel and is hollow, interior edges are sharp and finished.

Arrow and copy strips are 1/8" aluminum with paint finish, must be precision cut so that strips stack evenly on top of each other as they are slipped into "channel or track" in post, strips sit in front of center panel on each side, fill with blank strips to maintain uniform copy placement (similar to layout shown on this sheet).

Copy/arrows, "ECSU" tag line, and logo are premium grade vinyl for exterior use.

Posts are 4" x 4" custom aluminum extrusions with paint finish, earth bury and concrete fill minimum 2' below grade.

(SEE MODIFICATION NOTES FOR THIS SIGN TYPE)

(some locations may require core drilled pavement)

* Alternate methods for providing strips/panel can be submitted as an alternate price in bids, all alternates will be reviewed by client and Square Peg Design for final approval prior to production of prototypes or final signs.
"Band-it" mounting hardware attached to backside of panels, and to pole, black finish (fabricator to confirm color options of "Band-it" with designer)

NOTES:
SEE SHEET D.1 FOR POST/PANEL DETAILS

Panel is 1/4" painted aluminum, painted on all sides, entire panel is reflective, blue and black background colors are masked and painted with copy, arrow, and logo dropped out to remain reflective.

Panels are mounted to light poles or other existing poles with "Band-it" hardware for easy adjustment to inconsistent pole diameters.