## Section A—General Information

### Document Description
- **Assets**
  - Fonts ............................................. 3
  - Colors .......................................... 4
  - Symbols .......................................... 7
  - Arrow Construction and Direction Diagram ............... 8

### Sign System Overview
- **Standards** ........................................ 10
- **Alternate** .......................................... 12

## Section B—Specifications

### Section 10400
- **Identifying Devices** .................................. 14

## Section C—Drawings

### Materials and Methods
- **Notes Legend** ...................................... 26

### ST 100
- Base Room Identification Plaque, Tactile .................... 27

### All Tactile Signs
- **Mounting Diagrams** .................................. 28

### ST 101
- Tactile Miscellaneous Message Panel ........................ 29

### ST 102
- Miscellaneous Message, Non-Tactile .......................... 31

### ST 103
- Room Identification Plaque with Small Name Plate .......... 33

### ST 104 & 104.1
- Room Identification Plaque with Small Insert Panel ........... 35

### ST 105
- Room Identification Plaque with Large Insert Panel .......... 37

### ST 106
- Meeting Room Identification Plaque with Insert ............... 38

### ST 107
- Room Identification Plaque with Symbol ........................ 39

### ST 108
- Room Identification Plaque with Symbol and Two Line Entry .... 42

### ST 109
- Regulatory Information Plaque ................................ 45
  - Department Identification Plaque, Non-Tactile .......... 47

### ST 110 & 110.1
- Department Identification Plaque ............................. 48

### ST 111
- Stairwell Code Plaque .................................... 50

### ST 115
- Building Directory ...................................... 52

### ST 116
- Small Wall-Mounted Directional .............................. 55

### ST 117
- Large Wall-Mounted Directional .............................. 57

### ST 120
- Ceiling-Mounted Directional ................................ 59

### ST 121
- Ceiling-Mounted Department Identification .................... 61

### ST 121.1
- Department Identification, Flag-Mounted ....................... 63

### ST 122
- Blade with Symbol ....................................... 64

### ST 123
- Cubicle Identification Name Plaque .......................... 66

### Alternate Design
- **ST 203**
  - Room Identification Plaque with Small Name Plate ............ 68

### ST 204
- Room Identification Plaque with Small Insert Panel .......... 69

### ST 205
- Room Identification Plaque with Large Insert Panel .......... 70

### ST 206
- Meeting Room Identification with Insert ........................ 71

### ST 207
- Room Identification with Symbol ................................ 72

### ST 208
- Room Identification with Symbol and Two-Line Entry .......... 73

### ST 209
- Regulatory Information Plaque ................................ 74

### ST 210 & 210.1
- Department Identification Plaque ............................. 75

### ST 215
- Building Directory ...................................... 77

### ST 216
- Small Wall-Mounted Directional .............................. 78

### ST 217
- Large Wall-Mounted Directional .............................. 79

### ST 220
- Ceiling-Mounted Directional ................................ 80

### ST 221 & 221.1
- Ceiling-Mounted Department Identification .................... 81

### ST 222
- Blade with Symbol ....................................... 82
Section A—General Information
Purpose of this Document

This Signage Standards manual is intended for use in programming and procuring signage for all of University of Texas at Austin campus building interiors. Each sign type herein is documented to a design intent level, and is suitable for use by University staff or qualified consultants in the preparation of packages for use by a selected fabricator in the production of shop drawings.

Provisions have been made to comply with accessibility standards and local codes. Approval of all interior signage requests for either a renovation or new construction project is to be obtained from the University’s Office of Project Management and Construction Services prior to implementation.

Wordmarks shown in this document are for illustrative purposes only. The official University wordmark should be obtained by contacting Frauke Bartels: 512-475-8473, frauke.bartels@austin.utexas.edu.

For access to an electronic version of this document, contact Frauke Bartels: 512-475-8473.
The typefaces shown are used in this environmental graphics program. The fonts shown here are for reference only, and may not in any way be used as artwork. No font substitutions are allowed. Font names must match exactly for accurate execution of design; “LT Std” following a font denotes an OpenType font. Fonts are available for purchase through a variety of retailers, likely including:

- adobe.com/type
- fonthaus.com
- fonts.com
- typography.com
- linotype.com
**Standard Color Palette**

- **Brown**
  - Paint: Benjamin Moore 2134-10 Night Horizon
  - Vinyl: 3M Duranodic Bronze
  - Ink: PMS 439C

- **Cream**
  - Paint: Matthews 04762
  - Vinyl: 3M Antique White
  - Ink: PMS 9064C

- **Burnt Orange**
  - Paint: Matthews MP00178
  - Vinyl: 3M Terra Cota 7725-24, 7125-24
  - Ink: PMS 160C

**Note**
Depending on location of project, color needs, and other factors, The University of Texas at Austin uses a variety of color reference systems to communicate color selection. The colors displayed here are for reference only, and may not in any way be used for color matching. No color substitutions are allowed.

Further information regarding specified colors may be found through the various companies The University of Texas at Austin utilizes, including the following: Akzo Nobel, Matthews Paint, Pantone, RAL, Toyo Ink.
Alternate Color Palette #1

Civil Engineering Department
1.102A

National Security and Human Rights Clinic
1.104A

Jesse H. Jones Hall
You are on Level 2 of the JHV building.

The University of Texas at Austin
Project Management & Construction Services
October 2013
ISSUE DATE SECTION DESCRIPTION PAGE
October 2013 A—General Information Assets Colors 5

Note
Depending on location of project, color needs, and other factors, The University of Texas at Austin uses a variety of color reference systems to communicate color selection. The colors displayed here are for reference only, and may not in any way be used for color matching. No color substitutions are allowed. Further information regarding specified colors may be found through the various companies The University of Texas at Austin utilizes, including the following: Akzo Nobel, Matthews Paint, Pantone, RAL, Toyo Ink.
Alternate Color Palette #2

- Civil Engineering Department
- National Security and Human Rights Clinic
- Jesse H. Jones Hall
- Inventory
- Cashiers
- Life Science Library
- Office of Accounting
- Student Accounts Receivable

**Color C2**
- Cream
  - Paint: Matthews 04762
  - Vinyl: 3M Antique White
  - Ink: PMS 9064C

**Color C3**
- Burnt Orange
  - Paint: Matthews MP00178
  - Vinyl: 3M Terra Cota
  - Ink: PMS 160C

**Note**
Depending on location of project, color needs, and other factors, The University of Texas at Austin uses a variety of color reference systems to communicate color selection. The colors displayed here are for reference only, and may not in any way be used for color matching. No color substitutions are allowed.

Further information regarding specified colors may be found through the various companies The University of Texas at Austin utilizes, including the following:

- Akzo Nobel
- Matthews Paint
- Pantone
- RAL
- Toyo Ink
**Typical Symbols**

- **Accessibility**
- **Accessible Restroom**
- **Arrow**
- **Elevator**
- **Fire Exit**
- **Fire Extinguisher**
- **Information**
- **Men**
- **No Firearms**
- **No Smoking**
  (For reference only. UT is a tobacco-free campus as of April 9th, 2012.)
- **Restroom**
- **Stairs**
- **Women**
- **Lactation/Quiet Room**
- **Conference Room**

**Symbols Usage**

Symbols on Maps and Listings appear in a rectangular or circular field with the exception of Warning, Regulatory or Unique symbols.

- **Circulation Symbols**
- **Warning, Regulatory or Unique Symbols**
- **Standard Symbols (note: circular field)**

Symbols on sign faces, other than within maps and listings, do not appear in a field of any type.

**Notes**

1) Specific placement of the “Lactation/Quiet Room” symbol will be provided by The University of Texas at Austin Project Manager. For original artwork contact: Frauke.Bartels@austin.utexas.edu

2) Some symbols have their own usage restrictions and specific color requirements (i.e., fire code, hazardous chemicals, OSHA, etc.). Refer to the authority of such symbols for further information. Such symbol usage is to be submitted for approval by the university.

3) The symbols shown are used in this environmental graphics program. They are for reference only, and may not in any way be used as artwork. No symbol substitutions are allowed. Most “international” or “universal” symbols are available for purchase through:

   - Ultimate Symbol Collection  http://www.ultimatesymbol.com/
1 Arrow Construction Detail
Scale: NTS

2 Arrow Orientation Key
Scale: NTS

Straight Ahead (arrow up)
Ahead on Right (arrow right-up)
Up (arrow up)
Up on Right (arrow right-up)
Left (arrow left)
Right (arrow right)
Ahead on Left (arrow left-up)
Down on Right (arrow right-up)
Sign System Overview:
Standards

<table>
<thead>
<tr>
<th>Sign Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.102A</td>
<td>Base Room ADA Identification</td>
</tr>
<tr>
<td>1.102A</td>
<td>NO FOOD OR DRINKS</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 101 Miscellaneous Message, Tactile</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 102 Miscellaneous Message, Non-Tactile</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 103 Room Identification with small message panel</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 104 Room Identification with small insert</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 105 Room Identification with large insert</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 106 Meeting Room Identification with medium insert</td>
</tr>
<tr>
<td>1.102A</td>
<td>Sign Type 107 Room Identification with symbol</td>
</tr>
<tr>
<td>1.104A</td>
<td>AREA OF REFUGE</td>
</tr>
<tr>
<td>1.104A</td>
<td>HEARING ASSISTANCE AVAILABLE</td>
</tr>
<tr>
<td>1.104A</td>
<td>Sign Type 108 Room Identification with symbol and two lines of text</td>
</tr>
<tr>
<td>1.104A</td>
<td>Sign Type 109 Regulatory Information Plaque</td>
</tr>
<tr>
<td>1.104A</td>
<td>Sign Type 110 Large Room Identification Plaque, Non-Tactile (110.1 Tactile Option)</td>
</tr>
<tr>
<td>ST 101</td>
<td>Existing Sign</td>
</tr>
<tr>
<td>ST 102</td>
<td>Sign Type 102 Miscellaneous Message, Non-Tactile</td>
</tr>
<tr>
<td>Winfield Conference Room</td>
<td>Sign Type 106 Meeting Room Identification with medium insert</td>
</tr>
<tr>
<td>Office of Relationship Management and University Events</td>
<td>Sign Type 110 Large Room Identification Plaque, Non-Tactile (110.1 Tactile Option)</td>
</tr>
</tbody>
</table>
Sign Type 115
Building Directory

Sign Type 120
Directional, Ceiling-Mounted

Sign Type 116
Directional, Small

National Security and Human Rights Clinic

Sign Type 117
Directional, Large

Sign Type 121.1
Department Identification, Flag-Mounted

Sign Type 121
Department Identification, Ceiling-Mounted

Sign Type 122
Blade with Symbol

Sign Type 123
Cubicle Partition Hanger
Sign System Overview:
Alternate

- **Sign Type 203**: Room Identification with small name plate
- **Sign Type 204**: Room Identification with insert
- **Sign Type 205**: Room Identification with large insert
- **Sign Type 206**: Meeting Room Identification with insert
- **Sign Type 207**: Room Identification with symbol
- **Sign Type 208**: Room Identification with symbol and two lines entry
- **Sign Type 209**: Regulatory Information
- **Sign Type 210**: Large Room Identification Plaque, Non-Tactile (210.1 Tactile Option)
- **Sign Type 215**: Building Directory
- **Sign Type 216**: Directional, Small
- **Sign Type 217**: Directional, Large
### Assets

- **Sign Type 220**: Directional, Ceiling-Mounted

- **Sign Type 221**: Department Identification, Ceiling-Mounted

- **Sign Type 221.1**: Department Identification, Flag-Mounted

- **Sign Type 222**: Blade with Symbol

- **Sign Type 123**: Cubicle Partition Hanger
Section B—Specifications
GENERAL

1.01 SUMMARY

A. General: Provide Signage and Graphic Products in accordance with requirements of the Contract Documents.
B. Work Included: Perform all work necessary to complete and install all sign and graphic products including supports and mounting hardware, as shown on the drawings or inferable therefrom and/or as specified herein in accordance with the requirements of the Contract Documents. Work shall include obtaining all necessary permits from applicable agencies.
C. Subcontractors: Within 5 working days of notification, the successful bidder shall submit the names of all Subcontractors for review and approval. The approval or disapproval of any Subcontractor will not relieve the Signage Contractor of his responsibility for the performance of the Work as called for under the Contract Documents, nor will approval of a particular Sub-contractor be construed as approval of any particular process or material.
D. Future Purchase of Signage: Signage Contractor shall furnish cost information for future purchases (guaranteed up to 1 year from substantial completion) for all signs and graphic products in these documents; information shall include costs for items ordered individually as well as minimum order required to obtain price break.
E. If this specification is a component of a complete Architectural project specification, any conditions or requirements stated within the Signage specification that are less-stringent than those stated in the Architectural project specification do not in any way relieve the Signage Contractor from compliance with the terms of the Architectural project specification. Any conflicting conditions or requirements should be reported to and resolved with the Owner or Owner’s representative and Architect.

1.02 REFERENCES

1.03 SUBMITTALS

A. Procedures: Not later than 20 working days from the Contract Date, the Signage Contractor shall provide the specified items noted on the Submittal Schedule as stipulated by the Owner or Owner’s representative. Except for the quantities required for producing samples and mockups, fabrication shall not begin nor shall orders be placed for materials until Signage Contractor has obtained approvals on submittals. Signage Contractor shall notify the Owner or Owner’s representative of any items that require excessive lead times and may require expedited ordering.

B. Signage Contractor’s Shop Schedule: Submit for the Owner or Owner’s representative information not less than 5 working days from the Contract Date an updated comprehensive fabrication schedule “Exhibit I”, if required. Schedule shall be augmented with detail delivery and expected the Owner or Owner’s representative response times for all signage/graphic products, and shall include overview schedule information for anticipated shop activity for each sign type, including delivery of outsourced items, completion of major subcomponents, and any crucial fabrication milestones, especially those that are affected by the Owner or Owner’s representative response times. Substantial Completion and Final Due dates shall not be altered, unless otherwise stipulated in writing by Owner and/or Owner’s Representative.

C. Product Data: Submit for the Owner or Owner’s representative action, electronic documentation in PDF or other standard format, a material list with technical data documenting the primary function, quality, and performance of each system to be used in the Work or other such primary characteristics as required by the Drawings or Specifications.

D. Manufacturers’ Data: For all non-custom items, materials, subassemblies, etc., submit to the Owner or Owner’s representative for review only, electronic documentation in PDF or other standard format, manufacturer’s specifications and installation instructions for “sign” to show compliance with these specifications.

E. Typeface samples: Provide for the Owner or Owner’s representative action, two sets of laser prints of typeface samples with a full character set to match those of the “Typography” section of the Contract Documents at 72 point size. Samples are to be produced on the same device as that used to produce digital artwork, film negatives, and/or router outlines.

F. Shop Drawings: Submit for the Owner or Owner’s representative action, electronic documentation in PDF or other standard format, shop drawings for the fabrication and installation of the Work. Prepare details at not less than 3”= 1’-0” minimum scale with critical points at full scale. All shop drawings shall be explicit in depicting materials, material grades and thicknesses, finishes, substructure, footings, fabrication joints, corners, edges, intersections, fasteners and copy composition including letter and line spacing.

G. Samples: Submit for the Owner or Owner’s representative action, two sets of samples of each finish, color and lettering type required, one set which will be returned with appropriate action noted. Color samples shall be 6"x 6" and shall be on same or similar substrate to finished product and shall be treated with any specified protective films or coatings. Material and metal finish samples shall be 6"x 6" and shall be same gauge as finished product where reasonable. Label samples to indicate product, characteristics, and locations in the Work. Samples will be reviewed for color and appearance only. Compliance with all other requirements is the exclusive responsibility of the Signage Contractor.

H. Mock-ups: Submit one of each for the Owner or Owner’s representative action as outlined in the “Submittals Schedule” at the end of this specification section. Submittals are required by the Owner or Owner’s representative to assist in performing the work in a manner consistent with the Contract Documents and to insure the best possible construction and quality of finished product. They should be identical to the anticipated production run, and should be complete and assembled. These mock-ups will serve as quality control standards.
throughout the life of the production run. The review of submittals in no way shall relieve the Signage Contrac-
tor of responsibility to provide signage of a quality level consistent with these Contract Documents.

I. Copy Layouts: Submit two copies for the Owner or Owner’s representative action, full-size, laser or plotter 
prints (color or black text on white bond paper) of all UNIQUE sign faces with actual fabrication-ready format-
ting. Electronic files are not acceptable unless approved by the Owner or Owner's representative. Layouts shall 
be annotated to indicate location, as per Message Schedule and Sign Location Plan conventions. Layouts 
can be ganged onto a single page/plot not to exceed 30”x42” Laser prints which, at full-size, will exceed the 
dimension of 30”x 42” may be submitted at the largest scale that will fit on a 30”x 42” sheet. Output shall be of 
sufficient resolution that visual integrity of the layout may be inspected, but in no case shall the scale be less 
than 3”=1'-0". Samples are to be produced on the same device as that used to produce camera artwork and/or 
router outlines. Layouts will be reviewed for composition, letterspacing, font usage, and copyfitting. Copy 
accuracy and/or spelling will not be reviewed; it is the responsibility of the Signage Contractor to conform 
to the Message Schedule as submitted. Some samples will be required to be submitted at actual size or a 
specific architectural scale and on the actual final material as noted in drawing standards and as requested in 
the Submittal Schedule.

J. Schedule: Sign fabricator shall maintain a minimum of two week “look ahead” schedule. The schedule shall 
be presented to the Owner or Owner’s representative every week in electronic format on a date agreed by the 
Owner or Owner’s representative in advance. Signage Contractor shall notify the Owner or Owner’s represen-
tative of any changes in schedule at least two weeks in advance when ever possible. Notification shall be in 
writing and sent in electronic format or hand delivered (which ever is faster).

1.04 STANDARDS

A. Provide Sign types of the size, material, images and arrangements made up of special and standard compo-
nents and construction as shown and specified.

B. All drawings pertaining to general sign configuration, typography, graphic layout, and sign placement are 
included.

C. If there is a conflict, stated dimensions on the drawings shall take precedence over scaled dimensions. 
Signage Contractor shall verify sign and copy length for proper fit and shall notify the Owner or Owner's repre-
sentative in writing of any discrepancies in the documents prior to fabrication.

D. All materials shall be new stock, free from defects impairing strength, durability and appearance.

E. All fabrication and installation shall be in accordance with highest standards of the trade. All signs and compo-
nents shall be complete and free from visual and mechanical defects. (Such as unfilled and unfinished seams 
or exposed fasteners).

F. All electrical work must comply with UL standards, N.E.C. requirements, and local jurisdictional requirements.

G. No fabrication or installation materials or procedures shall be used that will in any way change the visual qual-
ity or in any manner have an adverse effect on existing materials, surfaces and environment.

H. All damaged signing surfaces and materials incurred shall be restored to original condition and appearance or 
replaced by the Signage Contractor.

I. All copy noted on contract documents to be Braille, shall be Grade 2 Braille to match the performance and use 
specifications of Title III of the Americans with Disabilities Act, Public Law 101-336. It shall be the responsibility 
of the Signage Contractor to verify accuracy of all Braille messages.
1.05 QUALITY ASSURANCE
   A. Signage Contractor’s Quality Assurance Responsibilities: Signage Contractor is solely responsible for quality control of the Work and its installation.
   B. Regulatory Requirements: Signage Contractor is solely responsible for complying with applicable requirements of the laws, codes, ordinances, and regulations of Federal, State, and Municipal authorities having jurisdiction. Obtain necessary approvals and permits from all such authorities.

1.06 DELIVERY, STORAGE, AND HANDLING
   A. General: Unless otherwise stipulated or agreed to in writing from the Owner or Owner’s representative, Signage Contractor is responsible for storage and delivery of all materials until installation. Specific on-site storage needs shall be coordinated with the Owner or Owner’s representative and/or General Contractor.

1.07 PROJECT/SITE CONDITIONS
   A. Weather Conditions: For exterior concrete or painting/finish work, do not proceed with the Work during inclement weather nor when weather forecasts are unfavorable, unless the Work will proceed in accordance with the manufacturer’s requirements and instructions.
   B. Site Readiness: Unless otherwise requested, do not install signs until underlying and adjacent surfaces are completed. Coordinate installation timing with all other applicable trades.
   C. Signage Contractor shall notify the Owner or Owner’s representative, as soon as possible, of when site conditions are such that they will cause a schedule delay or progress ahead of schedule so as to allow the Owner or Owner’s representative to coordinate removal of obstacles or change in strategy in a timely manner.

1.08 WARRANTY
   A. Guarantee: Signage Contractor shall guarantee all workmanship and material used to manufacture and install the signage product he has furnished. General workmanship and materials shall be guaranteed for a period of one year. Applied finishes (paint, vinyl, silkscreening) shall be guaranteed for a period of seven years. Electrical components shall be guaranteed to the extent of the electrical components manufacture’s guarantee. If during the guarantee period any defects or faulty materials are found, he shall immediately upon notification by the Owner, proceed at his own expense, to replace and repair same, together with any damage to all finishes, fixtures, equipment and furnishings that may be damaged as a result of this defective equipment or workmanship.

1.09 MAINTENANCE
   A. Record Drawings: Furnish record drawings annotated with the changes made during shop drawing reviews and/or installation of the Work so as to be a complete set of “as-built and installed” plans. Drawings shall include any applicable wiring diagrams, as well as the locations and methods of any concealed fasteners or access areas. Any installation, service, or removal “tricks” or methods should be communicated graphically/verbally as required.
   B. Maintenance and Removal: Signage Contractor shall provide written instructions for removal of interior and/or exterior signs including recommended methods for removal of residual adhesives. Signage Contractor shall provide written instructions for the Owner to follow proper maintenance.
   C. Graffiti Resistance: Signage Contractor shall provide written documentation listing each sign that has been treated with a graffiti-resistant film or coating and identifying the product or products used on each. Documen-
tation shall include manufacturer’s recommended materials or products to be used for removal of graffiti from each graffiti-resistant film or coating. Signage Contractor shall provide manufacturer’s written instructions for maintaining all graffiti-resistant films or coatings used.

1.10 ELECTRONIC COMPONENTS

A. Protection: Protect all electronic components as required by manufacturer and to prevent tampering.

B. Contamination: Proper measures shall be taken as required by manufacturer to prevent foreign objects or liquids to contaminate the electronics such as (but not limited to) water, cleaning solutions, sand, dirt and the like. Signage Contractor shall be liable for damage to electronic components due to negligence in proper contamination prevention measures.

C. Ventilation: Ventilation shall be provided to all electronic components as required by the manufacturer of such component. Signage Contractor shall be liable for overheating of electronic components that render them useless or create an environment that would cause a failure to perform as specified.

PRODUCTS

1.11 FABRICATION: GENERAL

A. All fabrication shall be executed in such a manner that all edges and corners of finished letter forms and sign substrates are true and clean. Letterforms and signs with rounded positive and negative corners, nicked, cut or ragged edges, bent or distressed edges etc. will not be accepted.

B. All finishes shall be executed in such a manner that all surfaces shall have a smooth even finish and are free of any and all irregularities.

C. All letterforms shall be so aligned as to maintain a baseline parallel to the sign format. Margins shall be maintained as specified by sign type layouts.

D. All edges of letterforms shall be sharp and clean with no edge buildup or bleeding. All surfaces of letterforms shall be without pinholes.

E. Sheet metal letterforms and other items shall be cut from rolled sheet of specified gauge, all edges of copy to be perpendicular to copy face, ground smooth and polished to finish as noted on drawings and schedules. No surface deflection, “oil-canning” or warping will be tolerated.

F. All signs and copy noted on drawings as acid-etched or photopolymer shall be photo chemically etched to a depth of 1/32” unless otherwise shown on the drawings. Etched surfaces shall be paint filled or sprayed in color noted on drawings. All etching shall be executed in such a manner that all edges and corners of finished copy or graphics are true and clean. Contours of Braille etching shall comply with Braille standards.

G. All engraving is to be computerized CNC engraving systems. Engraving to be uniform depth of 1/32” with no visible tooling marks.

H. All copy noted as sandblasted shall be blasted utilizing the appropriate texture of blasting silica to achieve consistent depth. Careful control of nozzle pressure, distance and angle is necessary to prevent distortion.

I. All silk-screens shall be executed from photo-screens or negatives prepared per specification and drawings. Silkscreen mesh shall be 390 or finer. Signage Contractor shall not use images as shown in the Contract Documents as camera ready art. All silkscreen printing shall be executed in such a manner that all edges and corners of finished letterforms are true and clean. Letterforms with rounded positive or negative corners, edge buildup or bleedings, etc. will not be accepted.

J. Preparation, primer and semi gloss polyurethane acrylic base finish coats to provide weather resistant finish guaranteed for seven (7) years against pitting, peeling, or fading. Polyurethane coating provided for use on
surfaces shall have properties of moisture resistance in all weather conditions and shall be guaranteed for seven (7) years against pitting, peeling or fading.

K. No paints that will fade, discolor, or de-laminate as a result of ultraviolet light or heat shall be used.

L. All paints required for lettering including silk-screens and imprinted surfaces shall be a type made for the surface material on which it is applied and recommended by the manufacturer of the paint. Exact identification of all paints shall be noted on shop drawings, together with data describing the method of application and curing, if other than “air” drying.

M. All paints shall be evenly applied and without pinholes, orange peeling, debris, scratches, application marks, and other imperfections. Workmanship in conjunction with finishes of signage shall conform to the highest standards of the trade.

N. Primer coats or other surface pretreatments, where recommended by the manufacturer for paints, shall be included in the work as part of the finished surface work at no extra cost to the Owner.

O. All adhesives as may be required shall be used in accordance with recommendations made by the manufacturer of the material specified to be laminated or adhered. No adhesives that will fade, discolor or de-laminate as a result of ultraviolet light or heat shall be used and shall not change the color of or deteriorate the materials to which they are to be applied. The adhesives shall be of a non-staining, non-yellowing quality and all visible joints shall be free from air bubbles and other defects.

P. For the fabrication of general metal work which will be exposed to view, use only materials which are smooth and free of surface blemishes including pitting, roughness, seam marks, and trade names. Unless the surfaces are to be painted, do not use materials that have stains and discolorations.

Q. For exposed items of work that include plain flat surfaces in width of more than 50 times the metal thickness, provide sheet stock from the mill that has been stretcher leveled to the highest standard of flatness commercially available.

R. Welding, when necessary, shall be of the correct type to minimize permanent distortions of flat surfaces. All welding flux, oxides and discolorations must be removed by pickling or grinding, so that these areas match finish of the adjacent areas. Any damage caused by welding must be repaired by grinding, polishing or buffing.

S. Unless exceeded or modified, conform to the Architectural Woodwork Institute Quality Standards and Guide Specifications. All wood specified shall be solid, meeting or exceeding Architectural Woodwork Institute Quality Standards (AWI) Section 100 Premium Grade.

T. Signage Contractor shall be responsible for the accurate seating and leveling of all anchor bolts.

1.12 MATERIALS

A. Anchors and Inserts: Either furnish inserts to be set in concrete work, or provide other anchoring devices as required for the installation of signs as specified on drawings. Furnish cast iron, or malleable iron ore hot dip zinc coated inserts. Provide toothed stainless steel, galvanized or zinc-and-chrome-plated high carbon steel expansion bolt devices for drilled in place anchors.

B. Metals:
1. Aluminum: AA Alloy 5052, 6061T6, 6063T6 or as recommended to suit required service and finish. Exposed aluminum is to carry Protective Finish as per this specification.
2. Steel:
   a. Materials:
i. Steel Pipe shall conform to ASTM A53, Type E, F, or G at fabricator’s option, Grade A, black finish unless otherwise shown as galvanized standard weight, (Schedule 40).

ii. Steel sheet for cold forming shall conform to ASTM A 569, hot-rolled sheet steel of commercial quality, pickled and oiled, free of defects which would impair the work.

iii. Galvanized steel sheet shall conform to ASTM A 526, commercial quality.

iv. Finishing - Primer: Provide in strict accordance with paint manufacturer’s recommendations as required for proper adhesive and application of finish unless steel indicated to receive galvanized finish.

v. Finishing - Baked enamel finish: Provide manufacturer’s standard baked enamel finish.

3. Stainless Steel: Type 302/304/316 Alloy with sheet finish as noted on Drawings. Unless otherwise shown or specified, provide stainless steel finishes as follows (AISI Designations):
   a. No. 4 (Bright, Directional Polish)
   b. No. 8 (Highly Reflective, mirror Finish Polish)

4. Aluminum Composite Material (ACM): Provide lightweight aluminum panels in thickness’ specified. Panels shall consist of two sheets of smooth thin gauge aluminum thermobonded to a polyethylene core in a continuous process. Pre-finish with a premium, resin based, fluoropolymer (Lumiflon), Kynar or Polyester coil coat (as recommended by the manufacturer for the specific use and location of the sign) in the color and finish specified. Apply graphics as specified in drawings. If graphics are direct to surface digital printing, provide a substrate compatible with flatbed printers and UV curable inks.
   b. Alucobond® or Dibond®, Alcan Composites, http://www.alcancompositesusa.com/

C. Metal Fasteners: Galvanized Steel finished to match metal work. For machine screws, comply with Industrial Fastener Institute (IFI), Countersunk Phillips flat head where exposed unless otherwise shown.

D. Acrylic:
   1. Furnish acrylic in the thickness and finishes as specified and as manufactured by one of the following or approved equal:
      b. Aristech, www.aristechacrylics.com
      d. Rohm and Haas, www.rohmhaas.com

E. Photopolymer: Photopolymer is to carry an 80 shore D durometer hardness and ultraviolet inhibitors. Photopolymer is to be permanently adhered to substrate.

F. Adhesives: Furnish adhesives as specified and as manufactured by one of the following or approved equal:
   1. 3M VHB Acrylic Foam Tape 4950, www.3m.com
   2. Silicone adhesive - Ready to use, high performance adhesive. General Electric GE1200 sealant, translucent SCS 1201 or equal, as recommended by manufacturer for bonding condition.
   3. 3M Double Coated Tape 415 Clear, www.3m.com
   5. Epoxy - Two component thermosetting epoxy adhesive with 100% solid content.
   6. 3M Dual Lock industrial Velcro, www.3M.com
7. 3M DP Scotchweld Adhesives, www.3m.com
9. Wood – Contact type, unless otherwise recommended by manufacturer for type of installation required.

G. Coatings

1. Acrylic Polyurethane Enamel: Provide an aliphatic polyurethane enamel consisting of ultra-violet inhibitors which are lightfast, weather, abrasion and wear resistant. Provide only products that deliver a maximum applied VOC of 2.8 (for latex) or 3.5 (for oil-based) pounds per gallon. Provide products that are Green Seal certified where performance is comparable to higher-VOC products.
   a. VOC MAP, Matthews Paint, corporateportal.ppg.com/na/refinish/matthews/default.htm

   a. www.signfinishes.com

3. Acrylic Latex: 100% acrylic latex suitable for exterior use on concrete masonry surfaces. Finish shall be satin applied per the manufacturers recommendations.

4. Reflective Coating: The interior of all illuminated letters or sign cabinets shall have an applied reflective coating to enhance and evenly distribute light output. Apply per the manufacturers recommendations.
   b. Matthews 281 500SP High Reflective White
   c. 3M, 3635-100 Light Enhancement Film

5. Protective Finish: For all surfaces noted to receive protective clear finish, apply two coats of clear acrylic polyurethane. Sheen as specified in drawings. Coating shall be compatible with inks or paints applied to surfaces.

6. Silk Screen: Enamel inks shall be in colors and sheen as shown and be manufactured by the following or approved equal:
   b. 3M Screen printing Inks 9800 UV Series, www.3mgraphics.com

H. Vinyl Machine-Cut Artwork: Computer-driven machine cut letters in thickness as specified below, selected from standard colors.

1. Opaque Applications
   a. 3M 7125 or 7725 series - 2 mil cast vinyl, www.3m.com
   b. Avery A7 or A9 series - 2 mil cast vinyl, www.averyvinyl.com

2. Reflective Applications
   a. 3M 680 series - 7 mil cast vinyl, www.3m.com
   c. Oracal 5500, 5700 and 5800 Series – 5, 6 or 10 mil cast vinyl, www.oracal.com
3. Backlit applications
   a. 3M 3630 series - 3mil cast vinyl, www.3m.com
   c. Avery A9 Translucent series - 2.3 mil cast vinyl, www.averyvinyl.com
   d. Oracal 8800 and 8500 Series – 2 and 3 mil cast vinyl, www.oracal.com

I. Wood: For rough and finish wood conform to ASTM D245. Wood shall be seasoned to a maximum of moisture content of 19%. Meet or exceed the following scheduled grades according to use and species:
   1. Pine-Southern Pine Grade No. 2
   2. Fir-Douglas Fir (except South) Standard Grade
   3. Birch-AWI Premium Grade

J. Sheet Magnets: Provide 1/32” thick sheet magnets as manufactured by:
   1. Magnetic Tecnology www.magtech.cc or approved equal

K. PVC: Provide lightweight rigid moderately expanded closed-cell polyvinyl chloride (PVC) extruded sheet from manufacturer in thickness specified. Visible edges shall be treated with a filler and sanded smooth.

L. Graffiti-resistant Films and Coatings: Provide films or coatings appropriate to the material or substrate to which they are applied. Apply films and coatings according to the manufacturers’ recommendations.
   1. 3M Scotchcal Graphic and Surface Protection Films 8991 and 8991R, www.3m.com
   5. Matthews Paint 6178SP High Performance Clear, corporateportal.ppg.com/na/refinish/matthews/default.htm
   7. Prosoco Sacrificial Coating SC1, www.prosoco.com

M. High-pressure Laminates: Provide decorative surface papers, impregnated with melamine resins, bonded under heat and pressure to kraft papers impregnated with phenolic resins. Provide materials in patterns and finishes as specified in the drawings. Provide general surface type, vertical surface type, and/or post-forming type as recommended by the manufacturer. Provide adhesive types as specified in manufacturer’s printed installation instructions. Unless otherwise noted minimum resolution shall be 750 dpi.
   2. iZone Imaging, http://www.izoneimaging.com/
   5. Formica®, www.formica.com
N. Digitally Printed Graphics: Provide permanent adhesive vinyl film with satin liquid laminate for application to the specified substrate.
   1. Adhesive Vinyl Film: Avery 2010 vinyl or equal, white. Avery MPI 2120 Matte White vinyl or equal.
   3. Inks or toner: UV-resistant.
   4. Unless otherwise noted in drawings, apply Avery Dennison High Performance Vinyl “HP” HP DOL 2070 Luster Overlaminate or equal over digital prints.
   5. Unless otherwise noted in drawings, the minimum resolution for digital printing on vinyl or other substrate shall be 750 DPI.

1.13 WEATHER PROOFING
   A. Heat & Cold: All material used shall be rated to withstand typical hot or cold conditions associated with the region in which they will be installed.
   B. Signage Contractor shall not be held liable for any damages caused by natural disasters such as, but not limited to, tornadoes, hurricanes, earthquakes, flooding and the like, unless otherwise noted on the drawings.

EXECUTION
1.14 SIGN CONSTRUCTION
   A. All anchorage is to be reviewed and accepted by the Owner or Owner’s representative. The Owner or Owner’s representative are to be notified in writing of any conditions detrimental to proper and timely installation of the sign work.
   B. Letters and signs to be structurally designed as required to resist wind loads and thermal movements without distortions or excessive deflections according to local codes and ordinances. Letter and sign fabrication is to be a complete system including all stiffeners, fasteners, welding, sealants, jointing, miscellaneous pieces and material thickness as required to form high quality workmanship. Connections, angles, shapes and details shown are suggestive and are to be sized, reinforced and detailed as required by the Signage Contractor. Details, anchors, or devices, etc. not shown, are to be submitted for review and acceptance by the Owner or Owner’s representative before fabrication.
   C. Changes in the visual elements are not to be made without the Owner or Owner’s representative and/or project Architect’s review and approval.

1.15 INSTALLATION
   A. Inspect all signs for evidence of damage at the site before installation.
   B. Examine the conditions and substrates under which the installation is to be performed and notify the Owner or Owner’s representative in writing of any unsatisfactory condition. Do not proceed with the work until the unsatisfactory conditions have been corrected or subsequent change of location has been indicated.
   C. Follow all recommendations and instructions for installation as provided herein (or by the manufacturer in such a case where instructions are provided). Notify the Owner or Owner’s representative in writing if in your judgment such installation will not provide permanent, rigid installation in the existing conditions.
   D. Install letter and sign units and components at the locations shown or scheduled, securely mounted with concealed fasteners, unless otherwise shown, attach signs to substrates in accordance with manufacturer’s instructions, unless shown. Provide anchorage and fitting; coordinate location in field with the Owner or Owner’s representative.
E. Install, level and plumb at the proper height. Cooperate with other trades for installation of sign units to finish surfaces. Repair or replace damaged units as directed by the Owner or Owner’s representative. Installer will coordinate and field measure proper location of sign units, where required, with the Owner or Owner’s representative.

F. All installation procedures and required scheduling are to avoid delays or additional costs and shall be coordinated with the Owner and/or Owner’s representative.

G. Coordinate signage details with computer hardware for the touch screen kiosk. All hardware will be provided and installed by the the Signage Contractor unless otherwise noted in drawings.

H. Signage Contractor shall coordinate sign locations with existing mechanical, electrical and plumbing elements and shall notify the Owner and/or Owner’s representative in writing of any visual or physical conflicts.

I. Protect all adjacent surfaces from damage during installation; promptly repair any such damage should it occur. Sign contractor is liable for any such repairs.

J. Following installation, remove all traces of visible tapes, adhesives, wrappings or refuse from the installation.

K. Dispose of any debris or refuse in accordance with Owner’s environmental policies or best practices.

L. All chemical residue shall be disposed of in accordance with local ordinances and/or manufacturer’s instructions as well as Owner’s environmental policies.

1.16 ADDITIONAL REQUIREMENTS

A. Signage Contractor shall include in the “Contract Documents” any specifications noted in the sign drawings.

B. Specification in the sign drawings shall supersede specifications in the sign specifications “Section 101400”.

Section C—Drawings
Materials and Methods

Notes Legend

1) 1/4"-thick acrylic, paints C1 (alternate 1/4" thick Photopolymer)
1.1) Acrylite FF P12 POP Display 1/4"-thick acrylic, colorless
2) 1/2"-thick acrylic, paints C1
3) P12 1/16"-thick acrylic, paints C2
4) P12 1/4"-thick acrylic, C1 vinyl text on first surface, C2 vinyl on second surface
4.1) interior only: 1/4"-thick acrylic with back painted C2, graphics are printed onto dusted crystal vinyl and applied to face (full face coverage)
4.2) exterior only: 1/4"-thick P12, back paints C2, graphics are screened onto face
5) 1/2"-thick acrylic, back paints C2, graphics are printed onto dusted crystal vinyl and applied to face (full face coverage)
6) P12 3/16"-thick transparent acrylic laminated to 1/16"-thick acrylic
7) P12 1/2"-thick acrylic medallion, paints C1, C2 vinyl text on first surface
8) C1 vinyl
9) braille grade 2 raster beads, paint to match background
10) * 3M Dual Lock low-profile reclosable fastener, as required
11) 1/16" deep routed gap to accommodate paper insert
12) 1/32"-thick laser-cut text paints C2, or symbol paints C1 (see sign drawing to confirm) (alternate part of 1/4" thick photopolymer)
13) paper insert provided by owner (see sign drawing for size of insert)
14) insert assembly uses a C.R. Laurence aluminum extrusion: catalog number D1680DU. Top and bottom extrusions are fixed while left and right are removable.
   a) removable 1/16" thick acrylic panel with direct to surface printed graphics or digitally printed graphics on full coverage vinyl applied to face
   b) 1/16" thick clear acrylic panel with back painted C2, VHB to frame
   c) fasteners as required to keep frame rigid and straight
   d) 1/4" thick by 3/4" deep acrylic detail painted C2
   e) Countersunk Trox flat head security screws
15) 1/4"-thick aluminium backplate mechanically attached with countersunk fasteners to center 3/4" thick fabricated aluminum frame

Notes:

*3M Dual Lock product is not to be substituted with Velcro® or similar.
1) All sign types with tactile components can alternately be fabricated with photopolymer of same thickness.
2) All square edges are to be eased to minimize sharp corners and edges.
3) All map artwork depicted in these drawings are for illustrative purposes only. Actual map artwork will be determined on a project by project basis.
4) Actual messages are to be determined on an as-needed basis per individual project requirements.
ST 100—Base Room Identification Plaque, Tactile

This sign type is the building block for identifying all enclosed rooms within a building, and should be used in isolation only when it is deemed appropriate to identify the space by its room number alone. This may be the case when the contents (equipment, materials, function, etc.) of a particular room (for example, IT, Telecom, Server, etc.) are not for public awareness.

1. Character Spacing Diagram
   Scale: HALF

   NOTE: This spacing diagram applies to all 5/8" cap. height tactile text.

2. Top View
   Scale: HALF

3. Layout Variation
   Scale: HALF

4. Front View
   Scale: HALF

5. Side View
   Scale: HALF
Typical Tactile Sign Mounting Diagram

This diagram applies to all wall-mounted room identification tactile signs in these sign standards. The zone height and width have been specifically adjusted for this sign system only. These diagrams are in compliance with, and have been derived from, the 2010 Federal ADA Standards.

1 Mounting Variation
Scale: 1/2"=1'0"

2 Mounting Elevation
Scale: 1/2"=1'0"
ST 101—Miscellaneous Message, Tactile

This sign type is intended for non-identification messages that convey life safety and building operations information, and that require a tactile component to adhere to ADA requirements.

---

1 Top View
Scale: HALF

2 Front View
Scale: HALF

3 Side View
Scale: HALF

4 Sample Alternate Layout
Scale: HALF
Dr. William Raudabaugh, Ph.D.
Office Hours

Monday
10 am - 11 am
Tuesday
8:00 am - 11:00 am
Wednesday
3:00 pm - 6:00 pm
Thursday
10:00 am - 11:00 am
Friday
8:00 am - 11:00 am
Saturday
8:00 am - 10:00 am
Sunday
Closed

1 Mounting Examples
Scale: 3/8" = 1"
ST 102—Miscellaneous Message, Non-Tactile

This sign type is intended for non-identification messages that convey building operations and regulatory information, and is not required by ADA to carry a tactile component.

---

For information on office hours please call: 512.452.3333

Staff Only

In case of emergency please dial: 512.452.3777

This area is subject to video surveillance.
Mounting Elevation Examples

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

In case of emergency please dial: 512.452.3333
Waiting Area for Students Only
Staff Only

C of door L 9"
ST 103—Room Identification Plaque with Small Name Plate

This sign type is used to identify a room or space that requires identification beyond just the room number. This text designation for the room is not likely to change on a frequent basis.
Facilities Office

1.102A

Alternate Layout — Front View
Scale: HALF

Community Development Clinic

1.102A

Alternate Layout — Front View
Scale: HALF
ST 104 — Room Identification Plaque with Small Insert Panel

This sign type is used to identify a room or space whose function and/or occupant(s) is likely to change often enough to warrant a changeable insert. The length of the message dictates whether or not a Sign Type 104 or 105 is most appropriate.

Front View
Scale: HALF

Section View
Scale: HALF

Side View
Scale: HALF
**ST 104—Room Identification Plaque with Small Name Plate**

This sign type is used to identify a room or space that requires identification beyond just the room number. This text designation for the room is not likely to change on a frequent basis.

![Diagram of room identification plaque with small name plate]

1. **ST 104: Layout Variation**
   Scale: HALF
ST 105—Room Identification Plaque with Large Insert Panel

This sign type is used to identify a room or space whose function and/or occupants are likely to change often enough to warrant a changeable insert. The length of the message dictates whether or not a Sign Type 104 or 105 is most appropriate.

1. Dr. William Raudabaugh, Ph.D.
   Office Hours
   Monday
   10 am - 11 am
   Tuesday
   8:00 am - 11:00 am
   Wednesday
   3:00 pm - 6:00 pm
   Thursday
   10:00 am - 11:00 am
   Friday
   8:00 am - 11:00 am
   Saturday
   8:00 am - 10:00 am
   Sunday
   Closed

2. Section View
   Scale: HALF

3. Side View
   Scale: HALF
ST 106—Meeting Room Identification Plaque with Insert

This sign type is used to identify a meeting, conference, seminar or work room that is typically used by multiple groups. The name of the room is semi-permanent or permanent and the list of daily activities and/or agendas is accommodated in a “window” via a changeable insert.
ST 107—Room Identification Plaque with Symbol

This sign type identifies rooms whose function lends itself to an accompanying symbol. (Rooms like restrooms, dressing, vending areas, and public telephone banks can be identified by this type of sign.) This sign type accommodates a single line of text to describe the room. For lengthier room identification messages, refer to sign type 108. A non-tactile operational room number is included on the symbol panel.
1. Alternate Layout
   Scale: HALF

2. Alternate Layout
   Scale: HALF

Room Identification with Symbol
1 Mounting Elevation — Front View
Scale: 3/4"=1'-0"
ST 108—Room Identification Plaque with Symbol and a Two Line Entry

This sign type identifies a room whose function lends itself to an accompanying symbol. This sign type can also identify locations associated with life-safety procedures and building operations (for example, an area of refuge or special egress route). This sign type accommodates two lines of text to describe the room. For single-line room identification messages, refer to sign type 107. A non-tactile operational room number is included on the symbol panel.

1.104A

AREA OF REFUGE

No vinyl text.
1.104A

ACCESSIBLE RESTROOM

AREA OF REFUGE

1.104A

STAIR A FIRE EXIT

AREA OF REFUGE

Alternate Layout
Scale: HALF

Alternate Layout
Scale: HALF
Mounting Elevation — Front View
Scale: 3/4"=1'-0'
ST 109—Regulatory Information Plaque

This sign type accommodates a range of content associated with building operations and code-mandated messages, none of which require a tactile component. The messages conveyed on this sign type can comprise text only or text accompanied by a symbol (e.g., No Smoking) or a diagram (In Case of Fire egress diagram).

2 Section View
Scale: HALF

Note: This is a sample layout. Actual conditions and messages to be determined on a case by case basis.
1. Egress Map
   Scale: 3"=1'-0"

2. Hazardous Weather
   Scale: 3"=1'-0"

3. Maximum Room Occupancy
   350

4. Mini-Directional
   Scale: 3"=1'-0"

Depicted with maximum listing. If more space is needed, use a ST116.
ST 110—Department Identification, Non-Tactile

This sign type responds to specific architectural conditions to identify major destinations (departments, office suites, conference room cluster) as a group. Using the example of a department, if its main entry is accessed via an open vestibule, i.e. with no doors, that nevertheless requires identification along a corridor, this sign type should be used. In this scenario, there are no code-mandated tactile requirements for the sign. This sign type can carry tactile text if requested.
ST 110.1—Department Identification, Tactile Option

This sign type responds to specific architectural conditions to identify major destinations (departments, office suites, conference room cluster) as a group. Using the example of a department, if its main entry is accessed via an open vestibule, i.e. with no doors, that nevertheless requires identification along a corridor, this sign type should be used. This sign carries a tactile message along with Grade 2 Braille for instances where this sign would serve as the required ADA permanent identification plaque.

Note: This is a sample layout. Actual conditions and messages to be determined on a case by case basis.
1. Mounting Elevation Examples
   Scale: 1/2”=1’-0”

2. Layout Variation
   Scale: 1 1/2”=1’-0”

Accessible restrooms are located on the first level.

Accessible restrooms are located on the first level.

Accessible restrooms are located on the first level.

Accessible restrooms are located on the first level.
ST 111—Stairwell Code Plaque

This sign type is required by fire code and provides life-safety personnel with vital information for both horizontal and vertical circulation through the building. Information displayed on this sign type including: text size, the order in which each piece of information is listed, mounting location, stair designation, beginning and terminus of stair, re-entry information, whether or not stairwell has roof access, and discharge level are all governed by both fire and federal visual accessibility codes. Note that local fire code is more stringent for this sign than federal accessibility code.
ST 111—Stairwell Code Plaque Mounting Elevation

Although this sign type includes tactile text and braille, these components are not required and therefore the mounting height defaults to be 60” to the center of the plaque per fire code. Since this sign type includes important life safety information, tactile text and braille are included as a courtesy to the visually impaired. Per code, this sign type is to be mounted inside the stairwell in a location where the sign is clearly visible when the door is opened.

1 Typical Mounting Elevation
Scale: 3/4”=1’0”

2 Mounting Elevation Alternate
Scale: 3/4”=1’0”

3 Layout Variations
Scale: 3/4”=1’0”
ST 115—Building Directory

This sign type is designed to provide, among other items of information, a listing of destinations within a building. It should be mounted in a conspicuous location at major entries to a building, with consideration for space in front of the sign to allow building users to view the information without becoming an obstruction to pedestrian circulation through the space. Content for this sign type includes the name of and university acronym designation for the building; the level of the building on which the sign is located; a level-by-level list of destinations within the building; a map of the current level with building specific information; an overall map of the University campus, and campus assistance information.

Note: This is a sample layout.
Actual conditions, map artwork, and messages to be determined on a case by case basis.
Item 14: Extrusion Detail

Scale: FULL

Company: C.R. Laurence Co., Inc.
Phone: 1 (800) 421-6144
Web Site: http://crl.crlaurence.com
Catalog Number: D1680DU
Color: Dark Bronze
Stock Length: 12’ (3.66 m)
Thickness: .057” (15.16 mm)

Directory Entry Layout Detail

Scale: 1 1/2”=1’-0”

Section Detail

Scale: HALF

Mounting Elevation

Scale: 1/2”=1’-0”
### C—Sign Drawings

#### Header Panel Layout Examples

1. **Header Panel Layout Examples**
   - **Scale:** 1 1/2"=1'-0"
   - Building with Donor Name
   - Building without Donor Name

2. **Keystone Detail: Front View**
   - **Scale:** 3"=1'-0"

3. **Keystone Detail: Side View**
   - **Scale:** 3"=1'-0"

---

**Chemical and Petroleum Engineering**

*You are on Level 3 of the CPE building.*

**Jesse H. Jones Communications Center - Building A**

*You are on Level 2 of the JON building.*

**Molecular Biology Building**

*You are on Level 2 of the MBB building.*
ST 116—Small Wall-Mounted Directional

This sign type directs building users to major destinations on a single level within a building. Destination names are accompanied by room or suite numbers, if deemed appropriate. This sign type should be situated to accommodate maximum visibility at major decision points; for examples, major corridor intersections and opposite elevator doors that open directly onto a corridor. This sign type also reinforces the building name for additional orientation. For situations in which the number of destinations exceeds the capacity of this sign type, refer to Sign Type 117.

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

Header Layout with Donor Name
Scale: 1 1/2"=1'-0"

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

Side View
Scale: 1 1/2"=1'-0"
2 Header Layout Detail
Scale: 3"=1'-0"

3 Directional Entry Layout Detail
Scale: 1 1/2"=1'-0"
ST 117—Large Wall-Mounted Directional

This sign type directs building users to major destinations on a single level within a building. Destination names are accompanied by room or suite numbers, if deemed appropriate. This sign type should be situated to accommodate maximum visibility at major decision points; for example, major corridor intersections and opposite elevator doors that open directly onto a corridor. This sign type also reinforces the building name for additional orientation. This sign type is intended for situations in which the number of destinations to be accommodated exceeds the capacity of Sign Type 116.

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

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

3 Side View
Scale: 1 1/2"=1'-0"
You are on Level 2 of the MBB building.

1 Mounting Elevation
Scale: 1/2"=1'0"

2 Header Layout Detail
Scale: 3"=1'-0"

3 Directional Entry Layout Detail
Scale: 1 1/2"=1'-0"

- Community Development Office 2.200
- Environmental Studies 2.300
- Facilities Office 2.400
- Goodwin Conference Room 2.450
- Classrooms 2.500 - 2.599
- Elevator Restrooms
- Community Development Office 2.600
- Environmental Studies 2.700
- Human Rights Office 2.750
- Mediation Room 2.800
- National Security & Human Rights Office 2.850
- William Wayne Justice Center 2.870
- Classrooms 2.900 - 2.999
ST 120—Ceiling-Mounted Directional

This sign type directs building users to major destinations on a single level within a building. It is intended primarily for ground (entry)-level lobby spaces and corridors in which the volume of pedestrian traffic is relatively high, necessitating a sign mounted from the ceiling to accommodate best visibility. This sign type will often carry messages on both sides.
1 Horizontal Viewing Distance vs Distance to Baseline of Text Above Floor/Ground vs Character Height

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

<table>
<thead>
<tr>
<th>0&quot;</th>
<th>72&quot;</th>
<th>180&quot;</th>
<th>252&quot; (21 ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; minimum character height</td>
<td>2&quot; minimum character height</td>
<td>3&quot; minimum character height</td>
<td>3&quot; + (1/8&quot; per foot above 252&quot;)</td>
</tr>
<tr>
<td>70&quot;</td>
<td>80&quot; minimum overhead mounting height</td>
<td>96&quot; preferred overhead mounting height</td>
<td></td>
</tr>
<tr>
<td>120&quot;</td>
<td>108&quot; maximum mounting height</td>
<td>96&quot; preferred mounting height</td>
<td></td>
</tr>
<tr>
<td>135&quot;</td>
<td>80&quot; minimum mounting height to bottom of sign</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2 Mounting Elevation

Scale: 3/8"=1'-0"

<table>
<thead>
<tr>
<th>EQ</th>
<th>EQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>108&quot; maximum mounting height</td>
<td>96&quot; preferred mounting height</td>
</tr>
<tr>
<td>80&quot; minimum mounting height to bottom of sign</td>
<td></td>
</tr>
</tbody>
</table>

Inventory Life Science Library Rooms 4, 8, 14
Office of Accounting
Student Accounts Receivable
Cashiers

The University of Texas at Austin
Project Management & Construction Services
October 2013
ISSue Date SectIon nuMber / DeScrIptIon page
ST 121 — Ceiling-Mounted Department Identification

This sign type identifies major destinations, most frequently departments, within a building. It is intended for any corridor condition in which pedestrian traffic is heavy, necessitating a mounting orientation above the average height of a person to accommodate good visibility. This sign type will most often carry a message on both faces.

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

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

3 Mounting Detail
   Scale: 75%

4 Side View
   Scale: 1 1/2" = 1'-0"

5 Section Detail
   Scale: FULL

NOTE: See next page for vertical section.
Section Detail

Scale: 3"=1'-0"

1. Mounting Elevation — Front View
Scale: 1/2"=1'-0"

2. Section Detail

3. Mounting Elevation — Side View
Scale: 1/2"=1'-0"

National Security and Human Rights Office

8'-0" A.F.F.

96" preferred mounting height

108" maximum mounting height

80" minimum mounting height to bottom of sign

infill and grind smooth

Detail A
Detail B

Detail A
Detail B

door

8'-0" A.F.F.

9"
National Security and Human Rights Office

1. Alternate Mounting Elevation — Front View
   Scale: 1/2"=1'-0"

2. Front View
   Scale: 1"=1'-0"

3. Side View
   Scale: 1/2"=1'-0"

4. End View
   Scale: 1"=1'-0"

8'-0" A.F.F.
3'-0"

108" maximum mounting height
96" preferred mounting height

80" minimum mounting height to bottom of sign

door opening

9'-3" A.F.F. ± typical

3"±

28"

5'-0" A.F.F.

3'-9"

26"

1.102A1.102A
ejc.1002
ST103

80" minimum mounting height to bottom of sign

National Security and Human Rights Office

National Security and Human Rights Office

The University of Texas at Austin
Civil Engineering Department
ST 122—Blade with Symbol

This sign type identifies services and amenities within a building, such as restrooms, telephones, vending, and cash machines, by use of a symbol only (not text). The mounting orientation of this sign type, above the average height of a person and perpendicular to the corridor, allows it to be seen from a greater distance. This sign type will carry the same symbol on both faces.
80" minimum mounting height to bottom of sign

108" maximum mounting height

.96" preferred mounting height
**ST 123 — Cubicle Partition Hanger (Bracket Only)**

This sign type facilitates hanging of an existing sign onto a cubicle partition wall. It is to be used primarily with Sign Type 104 or 204 but can be applied to other sign types as required. This hanger fits partitions from 1 1/2” up to 2 1/2” thick.
Alternate Design

This document provides for an alternate design for interior campus signage. This signage design can be selected for installation in campus buildings that have historical significance from an architectural standpoint (for example, many buildings located on the original “40 Acres”). These buildings often incorporate architectural articulation that is overtly historic. In fact, a number of these buildings includes a half-round motif for arches, windows and other elements of the building. This motif is referenced in this alternate design. Whether or not this alternate signage design is appropriate for use in a particular building, either new or as part of a renovation, is a matter of discussion between the architect, building manager and The University of Texas Project Management and Construction Services (UTPMCS) staff. Final approval will be provided by a UTPMCS representative.
ST 203—Room Identification Plaque with Small Name Plate

This sign type is used to identify a room or space that requires identification beyond just the room number. This text designation for the room is not likely to change on a frequent basis.
ST 204—Room Identification Plaque with Small Insert Panel

This sign type is used to identify a room or space whose function and/or occupant(s) is likely to change often enough to warrant a changeable insert. The length of the message dictates whether or not a Sign Type 104 or 105 is most appropriate.
ST 205—Room Identification Plaque with Large Insert

This sign type is used to identify a room or space whose function and/or occupants are likely to change often enough to warrant a changeable insert. The length of the message dictates whether or not a Sign Type 104 or 105 is most appropriate.
ST 206—Meeting Room Identification, Insert, Non-Tactile

This sign type is used to identify a meeting, conference, seminar or work room that is typically used by multiple groups. The name of the room is permanent and the list of daily activities and/or agendas is accommodated in a "window" via a changeable insert.

Winfield Conference Room

Hours
Monday - Thursday
10 am - 11 am
Friday
8:00 am - 11:00 am

Please, no food or drinks in the conference room

1.102A
ST 207—Room Identification with Symbol

This sign type identifies rooms whose function lends itself to an accompanying symbol. (Rooms like restrooms, dressing and vending areas, and public telephone banks can be identified by this type of sign.) This sign type accommodates a single line of text to describe the room. For lengthier room identification messages, refer to sign type 208. A non-tactile, operational room number is included on the symbol panel.
ST 208—Room Identification with Symbol and Two Line Entry

This sign type identifies rooms whose function lends itself to an accompanying symbol. This sign type can also identify locations associated with life-safety procedures and building operations (for example, an area of refuge or special egress route). This sign type accommodates two lines of text to describe the room. For single-line room identification messages, refer to sign type 207. A non-tactile, operational room number is included on the symbol panel.

1.10 4A

AREA OF REFUGE

1/2" 1/2" 1/2" 1/2"

1/2" 1/2" 1/2" 1/2"

1/2" 1/2" 1/2" 1/2"

1/2" 1/2" 1/2" 1/2"
ST 209—Regulatory Information Plaque

This sign type accommodates a range of content associated with building operations and code-mandated messages, none of which require a tactile component. The messages conveyed on this sign type can comprise text only or text accompanied by a symbol (e.g., Hearing Assistance) or a diagram (In Case of Fire egress diagram).

Note: This is a sample layout. Actual conditions and messages to be determined on a case by case basis.
ST 210—Room Identification, Large, Non-Tactile

This sign type responds to specific architectural conditions to identify major destinations (departments, office suites, conference room cluster) in a ceremonial way. Using the example of a department, if its main entry is accessible via an open vestibule, i.e. with no doors, that nevertheless requires identification along a corridor, this sign type should be used. In this scenario, there are no code-mandated tactile requirements of the sign.

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Note: This is a sample layout. Actual conditions and messages to be determined on a case by case basis.
ST 210.1—Department Identification, Tactile Option

This sign type responds to specific architectural conditions to identify major destinations (departments, office suites, conference room cluster) as a group. Using the example of a department, if its main entry point is via an open vestibule, i.e. with no doors, that nevertheless requires identification along a corridor, this sign type should be used. This sign carries a tactile message along with Grade 2 Braille for those instances where this sign would serve as the required ADA permanent identification plaque.
ST 215—Building Directory

This sign type is designed to provide, among other items of information, a listing of destinations within a building. It should be mounted in a conspicuous location at major entry points to a building, with consideration for space in front of the sign to allow building users to view the information without becoming an obstruction to pedestrian circulation through the space. Content for this sign type includes the name of and university acronym designation for the building; the level of the building on which the sign is located; a level-by-level list of destinations within the building; an overall map of the University campus, and campus assistance information.

Note: This is a sample layout. Actual conditions, map artwork, and messages to be determined on a case by case basis.

1. Front View
   Scale: 1”=1'-0"

2. Top View
   Scale: 1”=1'-0"

3. Side View
   Scale: 1”=1'-0"
ST 216—Small Wall-Mounted Directional

This sign type directs building users to major destinations on a single level within a building. Destination names are accompanied by room or suite numbers, if deemed appropriate. This sign type should be situated to accommodate maximum visibility at major decision points; for examples, major corridor intersections and opposite elevator doors that open directly onto a corridor. This sign type also reinforces the building name for additional orientation. For situations in which the number of destinations exceeds the capacity of this sign type, refer to Sign Type 217.
**ST 217—Large Wall-Mounted Directional**

This sign type directs building users to major destinations on a single level within a building. Destination names are accompanied by room or suite numbers, if deemed appropriate. This sign type should be situated to accommodate maximum visibility at major decision points; for examples, major corridor intersections and opposite elevator doors that open directly onto a corridor. This sign type also reinforces the building name for additional orientation. This sign type is intended for situations in which the number of destinations to be accommodated exceeds the capacity of Sign Type 216.

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![Sign Diagram](image-url)

**Top View**
Scale: 1 1/2"=1'-0"

**Front View**
Scale: 1 1/2"=1'-0"

**Side View**
Scale: 1 1/2"=1'-0"
ST 220—Ceiling-Mounted Directional

This sign type directs building users to major destinations on a single level within a building. It is intended primarily for ground (entry)-level lobby spaces and corridors in which the volume of pedestrian traffic is relatively heavy, necessitating a sign mounted from the ceiling, i.e. above the average height of a person, to accommodate best visibility. This sign type will often carry messages on both faces.

Note: See construction details in Sign Type 121
ST 221—Ceiling-Mounted Department Identification

This sign type identifies major destinations, most frequently departments, within a building. It is intended for any corridor condition in which pedestrian traffic is high, necessitating a mounting orientation above the average height of a person to accommodate good visibility. This sign type will most often carry a message on both faces.

Note: See construction details in Sign Type 121

1. **Front View**
   - Scale: 1 1/2"=1'-0"

2. **Mounting Detail**
   - Scale: 75%

3. **Side View**
   - Scale: 1 1/2"=1'-0"

4. **ST221.1 Flag Mounting Detail**
   - Scale: 1"=1'-0"

See Detail #3

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**National Security and Human Rights Clinic**

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**The University of Texas at Austin**
ST 222—Blade with Symbol

This sign type identifies services and amenities within a building, such as restrooms, telephones, vending, and cash machines, by use of a symbol only (not text). The mounting orientation of this sign type, above the average height of a person and perpendicular to the corridor, allows it to be seen from a greater distance for easier visual referencing. This sign type will most often carry the same message on both faces.