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## Sign Standards

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Application of Sign Standards

The standards included in this document are guidelines to facilitate a more clear and effective means of understanding and using the campus at North Carolina State University facilities. The campus has many diverse needs and circumstances and an absolute set of standards is impractical in application. These standards represent a means of addressing the most prevalent conditions which will be encountered on campus both in retrofitting existing buildings and in new construction.

The primary needs of information, direction and identification are described and recommendations are made as to the application of the standards. Realizing that many conditions will occur that do not neatly fit into the applications described herein, these standards represent an approach which can be extended to the many exceptions which are inevitable in an organization as diverse and complex as North Carolina State University.

The interior sign system shall be designed to comply with all applicable local, state and federal codes and regulations. It shall be the primary objective of the interior sign system to provide people with the necessary information to assist them to find their way to their destinations along their chosen routes through buildings. The information provided may be verbal (typographic) or nonverbal (pictographic). The interior sign system shall be designed with a wayfinding approach and it shall be congruent with the following building characteristics: layout, spatial content, form, organization and circulation. The interior sign system shall provide for uniformity throughout all buildings in campus. The interior sign system components of plaque signs such as identification, warning and simple informational signs shall be manufactured using materials and equipment owned and maintained by NC State Facilities Operations personnel. Larger wayfinding signs that include inserts and interchangeable components shall be submitted to the contractor with the requirements for colors and graphics to match standards established by internally-produced signs.

System Components

The system shall include the following three components:

Identification Signs. Identification signs identify destinations and they provide the user with information about the room use or occupants.

Regulatory Signs. Regulatory signs inform people of both prohibitions and obligations about a destination or a space. Where applicable, these signs serve as a warning to the user of both eminent and potential hazards in the space.

Wayfinding Signs. Wayfinding signs provide people with an overview of the shape of the building and the organization of rooms and they guide people along their chosen routes to their destination.
System Design Criteria

The Interior Sign System is designed to meet the following criteria:

The system should provide uniformity throughout all buildings on campus. The sign types are modular to provide consistency and to aid in the recognition of sign information. The sign types indicated in this document describe the modules and information included on each sign module.

Message design, nomenclature and application shall be standardized per the sign types in this document. Message legibility should be considered from the perspective of a variety of users: visitors, university community, vendors and service people, vision and mobility impaired people, and other users. Room numbering sign system shall comply with university room numbering system.

System Manufacture, Installation and Maintenance Criteria

The Interior Sign System manufacture, installation and maintenance comply with the following criteria:

Based on research, study and analysis of products, manufacturing equipment and operating software, the following system was recommended by Cherry Huffman Architects, PA and adopted by NCSU for identification signs and other simple plaque signs to be internally manufactured:

- New Hermes 7000 Engraver
- Computer with i486 DX-66 processor, 8MB RAM, 230MB Hard Drive
- Microsoft Windows 3.1 & DOS 6 Operating Environment
- Braille Font Conversion Program
- 14" Color Monitor
- CD-ROM
- Flexi-Sign PRO software

The primary sign materials consist of products supplied by New Hermes. They are propriety plastics designed for face engraving and raised letter applications. The face engraving material is a two ply plastic called Gravoply Decor. The background color is a dark warm gray, Slate. The lower ply that is exposed when engraved will be an off white color, New York White #2P4-224. For raised letter signs where no engraving is required a solid 1/16" plastic material in Slate #277 named Gravo-Tac will be utilized. Raised letters are adhered through the New Hermes system and will be 1/32" Gravo-Tac material in White #200-114. A red accent band occurs on all signs as an identification of the university signage system using Red Gravo-Tac #248-114.

The Flexi-Sign PRO software will generate the graphics and provide the database for the system. This program is expandable to drive fabrication machines other than the New Hermes 7000 Engraver. It is recommended that a vinyl cutter be considered for future purchase. The capacity to produce vinyl signs on campus will complement the use of engraved and raised letter signs. Using the same software to drive the vinyl cutter will assure graphic uniformity.

Larger wayfinding signs with inserts and interchangeable components shall be constructed of a variety of materials, but all colors and graphics shall comply with these identification sign.
System Components: Definitions and Domain

The interior sign system will be comprised of the following three components:
- Room Identification
- Regulatory
- Wayfinding
- Commemorative

Room Identification Signs

The purpose of this type of sign is to identify destinations and to provide information about destinations. Identification signs shall be uniform throughout buildings on campus. Each building must be carefully evaluated to determine specific identification sign elements appropriate for the building setting. Identification signs include the following type of signs:

Permanent Room Identification

Signs indicating permanent room identification:
- Building room numbers
- Restrooms
- Exits
- Stairs
- Mechanical, Electrical, Custodial, Elevator

Room Function Identification

Signs indicating function of room:
- Departmental offices
- Conference
- Information
- Vending
- Lounge
- Other building specific room functions

Room Occupant Identification

Signs indicating occupant of room:
- Faculty names
- Student associations

Informational sign type 12 may be used with sign type 1, 2, or 3 to list individual employee names posted outside an office.
- Office occupant names will not be posted at office suite entrances. Office suite occupant names will only be posted at individual office doors.
- Offices containing less than 4 occupants may use a sign type 12 with one line of copy for each occupant plus a title if requested.
- Offices containing more than 4 occupants may use sign type 12 for every 2 occupants not to exceed 8 names and no titles.
- Faculty and staff members with an office and laboratory office will be permitted a sign type 12 or 12A at their primary office only. No official sign type will be posted listing students by name.

Any variance shall be reviewed by the Office of the University Architect.
Informational

These signs may be either modules added to identification signs or stand-alone signs that provide information or procedures:
- Office hours
- Accessible work space
- Telephone Device for the Deaf (TDD) directional signage
- Assisted listening systems in assembly areas

Regulatory Signs

The purpose of this type of sign is to inform the user of both prohibitions and obligations about activities in a destination or space. Regulatory signs shall be uniform throughout buildings on campus. Each building must be carefully evaluated to determine specific regulatory signs elements appropriate for the building setting. Regulatory signs may be related to:
- Eating
- Smoking
- Environmental Health
- Area of Rescue Assistance
- Accessible exits directional signs
- National Electric Code
- National Fire Protection Association
- Emergency procedures

Wayfinding Signs

The purpose of wayfinding signs is to provide orientation and general information about the building setting and to guide people along a route to a destination. Wayfinding signs constitute the foundation of the interior sign system. Wayfinding signs shall be uniform throughout buildings on campus. Each building must be carefully evaluated to determine specific wayfinding elements appropriate for the building setting. Wayfinding signs may include:

Building Orientation Maps

Maps and building floor plans showing location of college and department destinations, accessible building elements, and restrooms. Larger, more complex buildings may require zoning to be color-coded to aid in wayfinding.

Building Directory

Directory of room numbers, room occupants and room functions within buildings used by college or department.

There are two ways to organize an NC State building directory:

Directory Listings by Floor

In small administrative or academic buildings, or in buildings with few listings, directories may be listed by floor then alphabetically. See Administrative Services III directory Signtype 21B for an example of this format.

List the name of the departments, units, or organizations found in the building and the room number or numbers for that group. List the Director’s office with or without that person’s name and the room number. List other key personnel or units within the department that visitors are seeking. If individual’s names are used, each change in personnel will require a directory update. New listings can be purchased directly from Nelson-Harkins by the requesting department.
If the building has specific spaces that the public utilizes, or visitor destinations such as training rooms, conference rooms, auditoriums, snack bar, accessible bathroom, etc., those special destinations may be listed on the directory with a room number.

If you have more than 10 individuals’ names and/or more than 10 departments listed in the directory, consider using the Alphabetical Directory Listings format.

Alphabetical Directory Listings

Many academic buildings are too large or there are too many listings to have the directory arranged by floor.

Alphabetical Directories list alphabetically all departments, programs, and administrative offices found in the building (example: Zoology, Golf, University Architect).

Names of faculty, post doctorate and graduate students, and key staff may be listed alphabetically, last name first (example: Smith, John), with a header (example: Zoology Faculty or Zoology Staff) and room number.

Special destinations within the building may also be listed alphabetically (examples: Faculty Lounge, Harrye B Lyons Design Library).

At the end of the listings, departmental destinations that are located in other buildings on campus may be listed (see David Clark Laboratory directory, Signtype 21D, for examples).

Directory Vendor

Nelson-Harkins Industries can provide the NC State Standard Directory. See nelson-harkins.com or call 1-800-882-8989. This vendor has NC State directory standards on file.

Directional Information

Signs indicating direction to follow to a particular destination, i.e., departmental office, elevator location, and reception/information area. This type of sign includes Wall-mounted and Overhead Signs. Directional signs include arrows in color modules. In simple buildings these modules shall be red, but in more complex buildings, the building may be zoned in up to four zones with different accent colors assigned to each zone and used in arrow modules to provide a multicuing aid to wayfinding.

Commemorative Signs

Room Donor Recognition and Commemorative Signs

All rooms at NC State have permanent room identification signage according to NC State Interior Signage Standards room identification signs. The room function on NC State’s permanent room identification signage may include the donor’s name (example: Progress Energy Conference Room, Ron Jones Faculty Lounge) as well as other sign requirements.

On the wall outside the commemorative room and in addition to the permanent room identification sign, the donor’s name, room function (i.e., Auditorium, Conference, Classroom, etc.) and/or corporate logo may appear collectively in one field not to exceed 100 square inches (example: 4” x 25”, 10” x 10”, etc.). A logo is not required. Please refer to the interior signage standards Chapter 2 System Components, page 2.2.1 for appropriate nomenclature of room functions.
All recognition signage outside the room must be mounted at the same height as the standard permanent room identification signage (61 ¼” from the floor) and preferably on the wall adjacent to the permanent room signage.

Any color may be used only on the logo. The logo may be raised metal or plastic figures/letters mounted onto the finished wall within the specified field. The logo may be raised metal or plastic figures/letters, cutout vinyl letters, or silk-screened onto a clear Plexiglas panel not to exceed the specified field size and mounted onto the finished wall. In the case of glass walls adjacent to the room door, the logo may be cutout vinyl letters, or silk-screened directly to the existing glass wall and raised figures/letters are not used.

Within the 100 square inch field the room function and the donor’s name may be used in addition to the logo. All letters naming the room function and donor (individual or corporate name) must be found within the 100 square inch field and must be one of the following materials:
- Raised metal letters (brushed aluminum or brushed stainless steel finish) mounted directly into the finished wall material
- Raised metal letters (brushed aluminum or brushed stainless steel finish) applied to a clear Plexiglas panel not to exceed 100 square inches mounted onto the finished wall
- Vinyl cutout or silk-screened letters on glass or finished wall. Vinyl or silk-screened letters may be white, black or grey matching Gravo-Tac SLATE # 277 of the standard NC State interior signage system.

The standards for room recognition inside the room are the same as the standards for outside recognition with the exception that the field for the recognition signage inside the room may be 250 square inches maximum found in one location. In addition, donor plaques of various materials such as wood, bronze, Plexiglas or any solid material may be used not to exceed 250 square inches.

**Donor Recognition Walls and Plaques**

The background of the donor wall shall be rectangular and uniform, to be mounted on a wall as a single unit. The background may be any material; natural materials (i.e., marble, granite, metal, wood) are preferred. There is no limit to the size of the background, as it will vary according to the number of listings.

The donor listings may be mounted or engraved directly onto the donor wall background. Letters may be any material with a non-glare, semi-matte or matte finish and must be black, white or shades of gray. If the background is constructed of a natural material, the letters may also be constructed of the same material or may be the same color as that material. Typeface of donor listings shall be Univers 55 with a maximum height of 5/8” and may be raised.

Titles and subtitles may be used to recognize the donor lists. Typeface of titles and subtitles may be any font and shall not exceed 1 ½” in height.

Corporate logos shall not be used in donor listings.

Back lighting of the donor wall or its components is prohibited.

Standard donor recognition products that meet all of the specifications listed in this document may be used. It is recommended that an architect or independent specialty signage designer design large installations.

The Office of the University Architect shall review all plans, specifications and locations for donor recognition walls or plaques prior to fabrication or purchase.
This kit-of-parts concept is designed to minimize the number of components, and to simplify the assembly of the sign system. This will allow the use of in-house capability for simple construction, graphics layout, assembly and installation. As a result of the kit-of-part concept the University will be able to economically implement and maintain the complete signage system.

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

**A - RED, #248-114 Gravo-Tac 1/32” and 3/16” thick**
- A1 - 3/4” high, 7” wide, 1/32” thick
- A2 - 3/4” high, 8” wide, 1/32” thick
- A3 - 3/4” high, 24” wide, 1/32” thick
- A4 - 3/4” high, 36” wide, 1/32” thick
- A5 - 1” high, 11-1/2” wide, 1/32” thick
- A6 - 1” high, 18” wide, 3/16” thick
- A7 - 1” high, 36” wide, 1/32” thick
- A8 - 1” high, 48” wide, 1/32” thick
- A9 - 3/4” high, 11-1/2” wide, 1/32” thick
- A10 - 1” high, 9” wide, 1/32” thick

**B - SLATE, #277 Gravo-Tac 1/16”, 1/8”, and 3/16” thick**
- B1 - 2” high, 7” wide, 1/16” thick
- B2 - 4” high, 7” wide, 1/16” thick
- B3 - 6” high, 7” wide, 1/16” thick
- B4 - 8” high, 7” wide, 1/16” thick
- B5 - 9” high, 7” wide, 1/16” thick
- B6 - 5” high, 11-1/2” wide, 1/16” thick
- B7 - 9” high, 11-1/2” wide, 1/16” thick
- B8 - 14” high, 11-1/2” wide, 1/8” thick
- B9 - 1/2” high, 18” wide, 3/16” thick
- B10 - 2” high, 18” wide, 1/8” thick
- B11 - 12” high, 18” wide, 1/8” thick
- B12 - 18” high, 18” wide, 1/8” thick
- B13 - 9” high, 24” wide, 1/8” thick
- B14 - 6” high, 36” wide, 1/8” thick
- B15 - 9” high, 36” wide, 1/8” thick
- B16 - 10” high, 36” wide, 1/8” thick
- B17 - 6” high, 48” wide, 1/8” thick
- B18 - 10” high, 48” wide, 1/8” thick
2.2 System Components: kit of parts

B19 - 9" high, 14" wide, 1/8" thick
B20 - 11-1/2" high, 11-1/2" wide, 1/8" thick

C - 1/8" Painted Aluminum, color to match Gravo-Tac #277 SLATE and #248-114 RED
C1 - 2-1/2" high, 10-1/2" wide, 1/8" thick
C2 - 2-1/2" high, 20" wide, 1/8" thick
C3 - 2-1/2" high, 29-1/2" wide, 1/8" thick

D - Painted Aluminum Frame, color to match #277 SLATE
D1 - 16" high, 10-1/2" wide
D2 - 16" high, 20" wide
D3 - 26" high, 20" wide
D4 - 26" high, 29-1/2" wide

E - 1" Expanded Polystyrene Core with Expanded PVC Facing and Reinforcement on edges, color to match Gravo-Tac #277 SLATE and #248-114 RED
E1 - 6" high, 24" wide
E2 - 10" high, 24" wide
E3 - 15" high, 48" wide
E4 - 20" high, 48" wide

F - 1/2" Clear Anodized Aluminum Mating Channel
F1 - 6" high
F2 - 10" high

G - 1/16" thick Clear Acrylic with pocket for Paper Insert
G1 - 4" high, 7" wide
G2 - 5" high, 11-1/2" wide
G3 - 14" high, 11-1/2" wide
G4 - 14" high, 9" wide
G5 - 11-1/2" wide, 11-1/2" high

H1 - 1'-0" high and 9" wide
J1 - Fiberglass bonded to aluminum framing members at every corner, bolted or weighted to the floor
2.3

Revised August, 2003
Graphic Standards

All components of the interior signage shall comply with the following general guidelines:

Character Font

The type font shall be UNIVERS. Raised lettering for the visually impaired shall be upper case. Where raised lettering is not required, messages should be displayed using upper-and-lower case letters. The typeface for interior sign systems shall be Univers 55.

Character Height

The minimum height is measured using an upper case X.

Lettering for signage suspended or projected overhead should be three inches minimum cap-height. The intended viewing distance for this character height is over 150 feet (i.e., stadium, conference center, or arena).

Other lettering should be sized according to the viewing distance from which they are to be read. The guideline of one inch cap-height for 50 feet viewing distance is recommended.

If possible, lettering for maps should have a minimum height of 0.625 inches.
Character Proportion

Letters and numbers on signs shall have a width-to-height ratio between 3.5 and 1:1 and a stroke-
width-to-height ratio between 1.5 and 1:10. Condensed, expanded, extra bold or expanded
typefaces are not acceptable. Different fabrication techniques may require adjusting the weight
of the characters to compensate for errors incurred in fabrication. The final sign characters must
comply with the above stated proportions and should match the Univers 55 typeface.

The size of characters should be tested based upon the intended viewing distance.

Raised and Braille Characters

Raised lettering and numerals shall be raised 1/32 inch, upper case. Univers 55 and shall be
accompanied with Grade 2 Braille. Raised characters shall be at least 5/8 inches height, but no
higher than two inches. The standard dimensions for literary Braille are as follows:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dot diameter</td>
<td>0.059 in.</td>
</tr>
<tr>
<td>Inter-dot spacing</td>
<td>0.090 in.</td>
</tr>
<tr>
<td>Horizontal separation between cells</td>
<td>0.241 in.</td>
</tr>
<tr>
<td>Vertical separation between cells</td>
<td>0.395 in.</td>
</tr>
</tbody>
</table>

Room numbers and characters that are raised shall be represented in Braille.

Finish

The characters and background of signs shall be eggshell, matte, or other non-glare finish. An
eggshell finish (11 to 19 degree gloss on 60 degree glossimeter) is recommended per ADA
requirements. The New Hermes products indicated in the sign designs comply with these
standards.

Color and Contrast

Characters and symbols are to be a light color shown against a dark background. The New Hermes
colors New York White and #277 Slate comply with the established minimum contrast of 70
percent (ADA requirement). Contrast in percent shall be determined by:

\[ \text{Contrast} = \left( \frac{B1 - B2}{B1} \right) \times 100 \]

where B1 = light reflectance value (LRV) of the lighter area and B2 = light reflectance value (LRV) of the darker area. Note that in any application both white and black are never absolute; thus, B1 never equals 100 and B2 is always greater than 0.
Nomenclature
Sign messages should be proposed by the designer and approved by NCSU, prior to fabrication and installation. Message units should use plain and consistent language to describe locations and routes. The information hierarchy is established by the sign types for identification and regulatory signs. The space between words should be equal to the space occupied by a lower case “r”. In all instances, text lines should break within the message in ways that make reading sense. Sign messages should be flush left, ragged right aligned. The designer is responsible for specifying line breaks to fabricators on all signs.

With the exception of directories and specified regulatory information and other university approved exceptions, messages on individual signs should not exceed three lines of text with appropriated line spacing for optimum legibility.

Word Spacing
Spacing between words will be based on the width of a lower case “r”.

Computer Science

Line Spacing
The vertical space between lines is called leading and is measured from the baseline of one line of type to the next. Individual sign types will identify particular line spacings. The standard for type leading in the absence of other directions will be 160% of the Cap height. For example, if the cap height of the type is 5/16" then the standard vertical line spacing for additional lines of text will be 1/2" measured from baseline to baseline.

Hours of Operation
8am-5pm

Arrows
On directional signage, text should be flush left, and directional arrows should be on the left of the sign. Where several messages are involved, it is recommended to dedicate a complete blade of a sign to the directional function, arrow or plain language description.
Pictorial Symbol Signs (Pictographs)

Pictographs shall be accompanied by the equivalent verbal description placed directly below the pictograph. When pictographs are used to identify permanent room or spaces, like restrooms, verbal descriptions must be in raised letters and in braille.

The total height of the background of the pictograph shall be six inches minimum. This rule does not apply if the pictograph is used as non-essential add-on information to another sign.

Facilities and elements required to be identified as accessible by ADA, Title III Accessibility Guidelines, section 4.1, shall use the international symbol of accessibility. Pictographs required for Volume Control Telephones, Text Telephones, and Assistive Listening Systems shall comply with this section.

Message Breaks

Messages are to be laid out on the sign panels so the words break onto the next line of type in a way that communicates most easily.

An example of an inappropriate message break which can miscommunicate is as follows:

Department of Pest Control
Symbol of Accessibility

Drinking Fountain

Information

Fire Extinguisher

No Smoking

Stairs
Assistive Listening Device

Directional Arrows
Mounting Location and Hierarchy

A clear informational hierarchy shall be followed for identification and regulatory signs. The hierarchy is as follows:

Room Number
Department Name
Room Function
Room Information (i.e., office hours)
Room Occupant
Room Regulation

Permanent room identification will occur at every room and may include room function. An individual’s name will occur at main building directories and may also be added to the door sign of their office on a separate module (Sign Type 12). If two people share a private office, both names may be on the added sign module. Where several rooms are accessed off of a common room, there should be a sign at the door or entrance to the shared space indicating room numbers within the common space. Note that individuals within the common space are not indicated.

The College in which the department resides is not to be indicated except at the administrative offices of the Dean of the College.

Departmental names are to be included where more than one department resides within a building or where departmental identification will aid in clarity. If a departmental sign indicates a major wayfinding destination and/or requires variable information such as Hours of Operation, a Sign Type 15 may be used.

Movable office partitions will identify the occupant per Sign Type 12. An insert panel will be produced to fit into a hanging plastic fixture which mounts to the top of the panel. The mounting fixture may be purchased through the panel manufacturer. The dimensions and profiles will vary with different manufacturers. Desk signs will be per Sign Type 12 when provided by the University, however individuals may use personal signs for desk signs.

Permanent identification signs shall be installed on the wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, including at double leaf doors, or if there is an obstruction on the wall, signs shall be placed on the nearest adjacent wall. If no adjacent wall is available signs shall be installed on the door. Mounting height shall be 60 inches from the finish floor to the center line of the permanent room number. Mounting location for such signs shall be such that a person may approach within three inches of the signs without encountering protruding objects or standing within the swing of a door. These signs are considered the most important element of the sign system hierarchy.
Mounting location for all door signs

All wall mounted identification signs (Type 1, 2, 3, 6, 9, 10, and 15) to be mounted with top of sign 61-1/4" from the finish floor. This height will conform to ADA standards with the centerline of permanent room identification number at 60" above the floor level.

Mounting locations for type 12 signs

Type 12 signs are to be mounted directly under sign types 1, 2, or 3.
Mounting locations for all tackboards.

Tackboards, where required or requested, are to be mounted directly under room sign aligned flush with the side adjacent to the door. See specification 10100 for tackboard product information.

Align to bottom inside edge of Door Sign

Alternate mounting locations for tackboards.

See specification 10100 for tackboard product information.
Mounting locations for sign type 4, 7, 11, or 13.

Signs are to be mounted either on the wall. The sign may be mounted on the door only if there are no clear walls adjacent to the door, latch side.

Mounting locations for sign type 16, 16A, 16B, and 16C

Signs are to be mounted on upper wall, above door frame, if applicable.
Mounting locations for sign type 17, 18, 19, 20 and 21

Signs to be mounted on wall with center of sign 60 inches above the finished floor.

Mounting locations for sign type 22 and 22A

Signs are to be bracketed perpendicular to the wall.
Mounting locations for Sign Type 14, 23, and 24

Sign type 23 and 24 are to be mounted from the ceiling.

Connection of Sign Type 23 and 24 to ceiling.
Methods of attachment of interior signs

The primary means of attaching wall-mounted interior signs will be double sided foam tape as supplied by New Hermes. This adhesive tape is the appropriate attachment for substrates as follows:

- Painted gypsum board
- Painted concrete masonry units
- Concrete masonry units (unpainted)
- Brick, painted and unpainted
- Wood

Where vandalism requires other means of attachment, tamperproof screws set 9/32” from side will be employed. Screws will be set into expansion anchors for gypsum board and masonry substrates.

Signs mounted on glass will have a backer sign of equal size. Backer plate color to be slate gray to match sign color.

Perpendicular signs will be mounted to wall with an aluminum channel extrusion with hidden fasteners.

Overhead signs are to be attached to ceiling grid by brackets screwed into signs. Four-sided overhead signs will require metal supports that rest over grid.

Directories will be screwed into wall in either a surface-mounted or semi-recessed manner.

Kiosk will be either bolted to floor or with weighted bases with glides.

Backlit directory will be either recessed in wall or supported by a custom cabinet.
2.5

Revised August, 2003

SIGN STANDARDS
The following Sign Types are representative examples of some of the most commonly encountered conditions on the North Carolina State University campus. They provide explicit guidance for these particular conditions and as a system suggest design solutions for the many unique conditions which will be encountered in designing signs for university facilities:

Sign Type 1: Door sign with permanent room identification.

Sign Type 2: Door sign with permanent room identification and secondary information including room function.

Sign Type 2A: Sign with university department and additional information. This sign will be used at doors leading to private corridors where the users cannot see the room numbers beyond the doorway or hallway.

Sign Type 3: Door sign with permanent room identification and room function requiring three or four lines of copy or other additional information.

Sign Type 3A: Door sign with permanent room identification and university department with seal.

Sign Type 4: Regulatory sign. No smoking.

Sign Type 4A: Regulatory sign. No food or drink.

Sign Type 5: Not used

Sign Type 6: Accessible restroom door sign.

Sign Type 6A: Non-accessible restroom door sign.

Sign Type 6B: Unisex non-accessible restroom door sign.

Sign Type 6C: Unisex Accessible restroom door sign.

Sign Type 7: Warning Sign.

Sign Type 8: Not Used

Sign Type 9: Stair identification sign.

Sign Type 9A: Stair identification sign with stair name.

Sign Type 10: Floor destination sign located in stairwell.

Sign Type 11: Emergency exit sign.

Sign Type 11A: Emergency exit sign with additional copy.

Sign Type 12: Informational sign to be installed below sign type 1, 2, or 3 with one line of copy including occupants name.

Sign Type 12A: Informational sign to be installed below sign type 1, 2, or 3 with one line of copy and one symbol or two lines of copy.
Sign Type 12B: Informational sign to be installed below sign type 1, 2, or 3 with a pictogram such as “No smoking” “No food or drink”, or “International Symbol of Accessibility”.

Sign Type 12C: Informational sign to be installed below sign type 1, 2, or 3 with both pictogram and copy.

Sign Type 12D: Informational sign to be installed below Sign Types 1, 2, 3, 6A, or 6B with one line of copy and one symbol or two lines of copy.

Sign Type 12E: Informational sign to be installed below Sign Types 1, 2, or 3 with multiple lines of copy and a symbol such as “No Smoking”, “No Food or Drink, or “International Symbol of Accessibility” pictogram.

Sign Type 12F: Informational sign with window for paper insert for shorter variable information.

Sign Type 13: Permanent information copy sign.

Sign Type 13A: Permanent information copy sign with two levels of information.

Sign Type 13B: Directional sign with single arrow and message.

Sign Type 13C: Permanent information sign requiring larger letter size or more than four lines of copy.

Sign Type 14: Area of Rescue Assistance.

Sign Type 14A: Overhead Directional Area of Rescue Assistance sign.

Sign Type 14B: Overhead Directional Area of Rescue Assistance sign.

Sign Type 14C: Overhead Directional Area of Rescue Assistance sign.

Sign Type 15: Departmental sign with permanent room identification, name of department and optional paper insert module below for variable information.

Sign Type 16: Area name or elevator identification to be installed on upper wall.

Sign Type 16A: Area name or elevator identification to be installed on upper wall with a second line of informational copy.

Sign Type 16B: Area name or elevator identification to be installed on upper wall when sign type 16 will not fit within architectural restraints.

Sign Type 16C: Area name or elevator identification to be installed on upper wall when sign type 16 will not fit within architectural restraints and copy will not fit within one line.

Sign Type 17: Directional signage to be installed on wall requiring multiple directional messages with arrows and color cues.
<table>
<thead>
<tr>
<th>Sign Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>17A</td>
<td>Directional signage to be installed on wall requiring multiple directional messages with arrows.</td>
</tr>
<tr>
<td>18</td>
<td>Informational sign with window for paper insert for variable information including hours of operation, building policy information, accessible toilet room maps, or maps including diagrammable elements.</td>
</tr>
<tr>
<td>18A</td>
<td>Informational sign with window for paper insert for shorter variable information.</td>
</tr>
<tr>
<td>19</td>
<td>Sign with window for paper insert of building evacuation maps.</td>
</tr>
<tr>
<td>20</td>
<td>Sign with silk-screened insert of orientation map.</td>
</tr>
<tr>
<td>21</td>
<td>Directory with metal frame for glass cover, a header and 26 holders for paper inserts for building floor or wing destinations.</td>
</tr>
<tr>
<td>21A</td>
<td>Directory with metal frame for glass cover, a header and 52 holders for paper inserts for building or building wing or floor destinations.</td>
</tr>
<tr>
<td>21B</td>
<td>Directory with metal frame for glass cover, a header and 100 holders for paper inserts for building or building wing destinations.</td>
</tr>
<tr>
<td>21C</td>
<td>Directory with metal frame for glass cover, a header and 150 holders for paper inserts for building destinations.</td>
</tr>
<tr>
<td>22</td>
<td>Overhead sign to be bracketed at right angle to wall.</td>
</tr>
<tr>
<td>22A</td>
<td>Overhead sign to be bracketed at right angle to wall requiring more than one line of copy.</td>
</tr>
<tr>
<td>23</td>
<td>Overhead sign to be ceiling mounted with potential of three lines of directional copy on one side.</td>
</tr>
<tr>
<td>23A</td>
<td>Overhead sign to be ceiling mounted with potential of three lines of directional copy on both sides of sign.</td>
</tr>
<tr>
<td>23B</td>
<td>Overhead sign to be ceiling mounted with potential of four lines of directional copy on one side.</td>
</tr>
<tr>
<td>23C</td>
<td>Overhead sign to be ceiling mounted with potential of four lines of directional copy on both sides.</td>
</tr>
<tr>
<td>24</td>
<td>Overhead sign to be ceiling mounted with four faces each of which has the potential of three lines of directional copy.</td>
</tr>
<tr>
<td>24A</td>
<td>Overhead sign to be ceiling mounted with four faces each of which has the potential of four lines of directional copy.</td>
</tr>
<tr>
<td>25</td>
<td>Three sided kiosk with potential of map or informational copy on all sides as well as holders for paper handouts.</td>
</tr>
<tr>
<td>26</td>
<td>Backlit orientation map and directory combination.</td>
</tr>
</tbody>
</table>
SIGN TYPE 1: ROOM IDENTIFICATION

Description:
Door sign with permanent room identification.

Material / Size / Color:
A1 - 1/32” thick Gravo-Tac of 7” wide and 3/4” high, #248-114 RED
B1 - 1/16” thick Gravo-Tac of 7” wide and 2” high, #277 SLATE

Graphics / Typography / Color:
Room Number - Univers 55, 3/4” cap height, raised letters, #200-114 WHITE, 1/32” Gravo-Tac
Braille - 1/4” height, color to match #277 SLATE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Door sign with permanent room identification and secondary information including room function.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

Graphics / Typography / Color:
Room Number - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 1/4" height, color to match #277 SLATE
Information Copy - Univers 55, 7/16" cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**Description:**
Door sign with university department and additional information. This sign will be used at doors leading to private corridors where the users cannot see the room numbers beyond the doorway or hallway.

**Material / Size / Color:**
- A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

**Graphics / Typography / Color:**
- Room Designation - Univers 55, 7/16" cap height, engraved letters, WHITE
- Information Copy - Univers 55, 5/16" cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
**SIGN TYPE 2B: ROOM IDENTIFICATION**

**Description:**
Door sign with permanent room identification and secondary information including directional information.

**Material / Size / Color:**
- **A1**: 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- **B2**: 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

**Graphics / Typography / Color:**
- **Room Number**: Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- **Braille**: 1/4" height, color to match #277 SLATE
- **Information Copy**: Univers 55, 7/16" cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Door sign with permanent room identification, room function requiring 3 or 4 lines of copy or additional information.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B3 - 1/16" thick Gravo-Tac of 7" wide and 6" high, #277 SLATE

Graphics / Typography / Color:
Room Number - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 1/4" height, color to match #277 SLATE
Information Copy - Univers 55, 7/16" cap height, engraved letters, WHITE
Hours - Univers 55, 5/16" cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 3A: ROOM IDENTIFICATION

Description:
Door sign with permanent room identification, university department with seal.

Material / Size / Color:
A1 - 1/32” thick Gravo-Tac of 7” wide and 3/4” high, #248-114 RED
B3 - 1/16” thick Gravo-Tac of 7” wide and 6” high, #277 SLATE

Graphics / Typography / Color:
Room Number - Univers 55, 3/4” cap height, raised letters, #200-114 WHITE, 1/32”
Gravo-Tac
Braille - 1/4” height, color to match #277 SLATE
Information Copy - Univers 55, 7/16” cap height, engraved letters, WHITE
Seal - 1-1/2” Printed emblem on adhesive backed paper

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4

Elevation View
Scale: 1/2” = 1”

Mounting Location View
Not to Scale

REVISED AUGUST 15, 2003
Description:
Regulatory sign indicating a No Smoking area.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B4 - 1/16" thick Gravo-Tac of 7" wide and 8" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/8" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE
Pictograph - 4" raised pictogram on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 4A: REGULATORY SIGN

Description:
Regulatory sign indicating an area where Food and Drink are not allowed.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B4 - 1/16" thick Gravo-Tac of 7" wide and 8" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/8" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE
Pictograph - 4" raised pictogram on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Accessible restroom door sign.

Material / Size / Color:
- A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- B5 - 1/16" thick Gravo-Tac of 7" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
- Room Number - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- Information Copy - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- Braille - 3/8" height, color to match #277 SLATE
- Pictographs - 4-1/2" and 2-1/2" raised pictographs on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Non-accessible restroom door sign.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B5 - 1/16" thick Gravo-Tac of 7" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
Room Number - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Information Copy - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE
Pictographs - 4-1/2" raised pictographs on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**SIGN TYPE 6B: RESTROOM IDENTIFICATION**

### Description:
Unisex non-accessible restroom door sign.

### Material / Size / Color:
- **A1**: 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- **B5**: 1/16" thick Gravo-Tac of 7" wide and 9" high, #277 SLATE

### Graphics / Typography / Color:
- **Room Number**: Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- **Information Copy**: Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- **Braille**: 3/8" height, color to match #277 SLATE
- **Pictographs**: 4-1/2" raised pictographs on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
SIGN TYPE 6C: RESTROOM IDENTIFICATION

Description:
Unisex accessible restroom door sign.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B5 - 1/16" thick Gravo-Tac of 7" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
Room Number - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Information Copy - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE
Pictographs - 4-1/2" raised pictographs on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4

Scale: 1/2" = 1"
Description:
Warning Sign Holder.

Material / Size / Color:

Graphics / Typography / Color:

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4

1/2" = 1"
SIGN TYPE 9: STAIR IDENTIFICATION

Description:
Stair Identification Sign.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B5 - 1/16" thick Gravo-Tac of 7" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE
Pictographs - 3-3/8" raised pictographs on 1/32" Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:

Stair identification sign with stair name.

Material / Size / Color:

A1 - 1/32” thick Gravo-Tac of 7” wide and 3/4” high, #248-114 RED
B5 - 1/16” thick Gravo-Tac of 7” wide and 9” high, #277 SLATE

Graphics / Typography / Color:

Information Copy - Univers 55, 5/8” cap height, raised letters, #200-114 WHITE, 1/32” Gravo-Tac
Braille - 3/8” height, color to match #277 SLATE
Pictographs - 3-3/8” raised pictographs on 1/32” Gravo-Tac, #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**Description:**
Floor destination sign located in stairwell. This sign required only in buildings 4 floors or more.

**Material / Size / Color:**
- A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- B3 - 1/16" thick Gravo-Tac of 7" wide and 6" high, #277 SLATE

**Graphics / Typography / Color:**
- **Floor Designation** - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- **Floor Number** - Univers 55, 2" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- **Information Copy** - Univers 55, 5/16" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- **Braille** - 3/8" height, color to match #277 SLATE

*Note: If stairwell leads to roof and building is 4 floors or more, then add text to this sign only:
"No Roof Access"

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Emergency Exit Sign.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/8" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 11A: EXIT IDENTIFICATION

Description:
Emergency Exit sign with additional informational copy.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B3 - 1/16" thick Gravo-Tac of 7" wide and 6" high, #277 SLATE

Graphics / Typography / Color:
Information Copy 1 - Univers 55, 5/8" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Information Copy 2 - Univers 55, 5/16" cap height, engraved letters, WHITE
Braille - 3/8" height, color to match #277 SLATE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 11B: EXIT IDENTIFICATION

Description:
Fire Door sign. Door usually kept closed.

Material / Size / Color:
- A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

Graphics / Typography / Color:
- Information Copy - Univers 55, 5/8" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- Braille - 3/8" height, color to match #277 SLATE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Fire Door sign. Door usually kept open.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/8" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
Braille - 3/8" height, color to match #277 SLATE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Informational sign to be installed below Sign Types 1, 2, or 3.

Material / Size / Color:
B1 - 1/16" thick Gravo-Tac of 7" wide and 2" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/16" cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 12A: INFORMATIONAL SIGN

Description:
Informational sign to be installed below Sign Types 1, 2, or 3 with one line of copy and one symbol or two lines of copy.

Material / Size / Color:
B1 - 1/16" thick Gravo-Tac of 7" wide and 2" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/16" cap height, engraved letters, WHITE
Arrow - 5/8" engraved arrow, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Informational sign to be installed below Sign Types 1, 2, or 3 with a symbol such as “No Smoking”, “No Food or Drink,” or “International Symbol of Accessibility” pictogram.

Material / Size / Color:
B2 - 1/16” thick Gravo-Tac of 7” wide and 4” high, #277 SLATE

Graphics / Typography / Color:
Pictograph - 2-1/2” engraved pictograph, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4

Scale: 1/2” = 1’
Description:
Informational sign to be installed below Sign Types 1, 2, or 3 with one line of copy and a symbol such as “No Smoking”, “No Food or Drink”, or “International Symbol of Accessibility” pictogram.

Material / Size / Color:
B2 - 1/16" thick Gravo-Tac of 7” wide and 4” high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/16” cap height, engraved letters, WHITE
Pictograph - 2-1/2” engraved pictograph, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Informational sign to be installed below Sign Types 1, 2, 3, 6A, or 6B with one line of copy and one symbol or two lines of copy.

Material/Size/Color:
B1 - 1/16” thick Gravo-Tac of 7” wide and 2” high, #277 SLATE

Graphics/Typography/Color:
Information Copy - Univers 55, 5/16” cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**Description:**

Informational sign to be installed below Sign Types 1, 2, or 3 with multiple lines of copy and a symbol such as “No Smoking”, “No Food or Drink”, or “International Symbol of Accessibility” pictogram.

**Material / Size / Color:**

B2 - 1/16” thick Gravo-Tac of 7” wide and 4” high, #277 SLATE

**Graphics / Typography / Color:**

Information Copy - Univers 55, 5/16” cap height, engraved letters, WHITE

Pictograph - 2-1/2” engraved pictograph, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Informational sign with window for paper insert for shorter variable information.

Material / Size / Color:
B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE
G1 - 1/16" clear acrylic of 7" wide and 4" high with pocket for paper insert

Graphics / Typography / Color:
Information Copy - window available for paper insert to display variable information

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**Description:**
Permanent information copy sign.

**Material / Size / Color:**
- A1 - 1/32" thick Gravo-Tac of 7" wide and 3/4" high, #248-114 RED
- B2 - 1/16" thick Gravo-Tac of 7" wide and 4" high, #277 SLATE

**Graphics / Typography / Color:**
- Information Copy - Univers 55, 5/16" cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Permanent information copy sign with two levels of information.

Material / Size / Color:
- A1 - 1/32” thick Gravo-Tac of 7” wide and 3/4” high, #248-114 RED
- B3 - 1/16” thick Gravo-Tac of 7” wide and 6” high, #277 SLATE

Graphics / Typography / Color:
- Floor Designation - Univers 55, 7/16” cap height, engraved letters, WHITE
- Information Copy - Univers 55, 5/16” cap height, engraved letters, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Directional Information sign.

Material / Size / Color:
A1 - 1/32” thick Gravo-Tac of 7” wide and 3/4” high, #248-114 RED
B3 - 1/16” thick Gravo-Tac of 7” wide and 6” high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/8” cap height, engraved letters, WHITE
Arrow - 5/8” engraved arrow, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Permanent information sign requiring larger letter size or more than four lines of copy.

Material / Size / Color:
A1 - 1/32" thick Gravo-Tac of 7” wide and 3/4” high, #248-114 RED
B4 - 1/16" thick Gravo-Tac of 7” wide and 8” high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 5/16” cap height, raised letters, #200-114 WHITE, 1/32” Gravo-Tac
Braille - 3/8” height, color to match #277 SLATE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Area of Rescue Assistance.

Material / Size / Color:
A3 - 1/32" thick Gravo-Tac of 24" wide and 3/4" high, #248-114 RED
B13 - 1/8" thick Gravo-Tac of 24" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 1-1/4" cap height, vinyl machine-cut letters, color to match Gravo-Tac #200-114 WHITE
Pictographs - Minimum 6" x 6" symbol size, WHITE

*Note: Refer to NCSBC / IBC Vol.1-C (Accessibility Code) Section 6.3.2.6 for additional requirements.

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4.
Description:
Overhead Directional Area of Rescue Assistance sign.

Material / Size / Color:
A4 - 1/32" thick Gravo-Tac of 36" wide and 3/4" high, #248-114 RED
B15 - 1/8" thick Gravo-Tac of 36" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 1-1/4" cap height, viny machine-cut letters, color to match Gravo-Tac #200-114 WHITE
Pictographs - Minimum 6” x 6” symbol size, WHITE

*Note: Refer to NCSBC / IBC Vol. 1-C (Accessibility Code) Section 6.3.2.6 for additional requirements.

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Overhead Directional Area of Rescue Assistance sign.

Material / Size / Color:
A4 - 1/32" thick Gravo-Tac of 36" wide and 3/4" high, #248-114 RED
B15 - 1/8" thick Gravo-Tac of 36" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 1-1/4" cap height, vinly machine-cut letters, color to match Gravo-Tac #200-114 WHITE
Pictographs - Minimum 6" x 6" symbol size, WHITE

*Note: Refer to NCSBC / IBC Vol. 1-C (Accessibility Code) Section 6.3.2.6 for additional requirements.

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4.
Description:
Overhead Directional Area of Rescue Assistance sign.

Material / Size / Color:
- A4 - 1/32" thick Gravo-Tac of 36" wide and 3/4" high, #248-114 RED
- B15 - 1/8" thick Gravo-Tac of 36" wide and 9" high, #277 SLATE

Graphics / Typography / Color:
- Information Copy - Univers 55, 1-1/4" cap height, viny machine-cut letters, color to match Gravo-Tac #200-114 WHITE
- Pictographs - Minimum 6" x 6" symbol size, WHITE

*Note: Refer to NCSBC / IBC Vol.1-C (Accessibility Code) Section 6.3.2.6 for additional requirements.

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Departmental sign with permanent room identification, name of department, and optional paper insert module below for variable information.

Material / Size / Color:
- A9 - 1/32" thick Gravo-Tac of 36" wide and 3/4" high, #248-114 RED
- B6 - 1/8" thick Gravo-Tac of 11-1/2" wide and 5" high, #277 SLATE
- B7 - 1/8" thick Gravo-Tac of 11-1/2" wide and 9" high, #277 SLATE
- G2 - 1/16" clear acrylic of 11-1/2" wide and 5" high with pocket for paper insert

Graphics / Typography / Color:
- Room Number - Univers 55, 3/4" cap height, raised letters, #200-114 WHITE, 1/32" Gravo-Tac
- Braille - 1/4" height, color to match #277 SLATE
- Information Copy - Univers 55, 1" cap height, engraved letters, WHITE
- Pictographs - Minimum 6" x 6" symbol size, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 16: ELEVATOR IDENTIFICATION

Description:
Area name or elevator identification to be installed on upper wall.

Material / Size / Color:
A8 - 1/32" thick Gravo-Tac of 48" wide and 1" high, #248-114 RED
B17 - 1/8" thick Gravo-Tac of 48" wide and 6" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 3" cap height, vinyl letters, color to match Gravo-Tac #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**Description:**
Area name or elevator identification to be installed on upper wall with second line of informational copy.

**Material / Size / Color:**
- A8 - 1/32" thick Gravo-Tac of 48” wide and 1” high, #248-114 RED
- B18 - 1/8” thick Gravo-Tac of 48” wide and 10” high, #277 SLATE

**Graphics / Typography / Color:**
- Information Copy Line 1 - Univers 55, 3” cap height, vinyl letters, color to match Gravo-Tac #200-114 WHITE
- Information Copy Line 2 - Univers 55, 2-1/2” cap height, vinyl letters, color to match Gravo-Tac #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Area name or elevator identification to be installed on upper wall when Sign Type 16 will not fit within architectural restraints.

Material / Size / Color:
A7 - 1/32" thick Gravo-Tac of 36" wide and 1" high, #248-114 RED
B14 - 1/8" thick Gravo-Tac of 36" wide and 6" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 3" cap height, vinyl letters, color to match Gravo-Tac #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Area name or elevator identification to be installed on upper wall when Sign Type 16 will not fit within architectural restraints and copy will not fit within one line.

Material / Size / Color:
A7 - 1/32" thick Gravo-Tac of 36" wide and 1" high, #248-114 RED
B16 - 1/8" thick Gravo-Tac of 36" wide and 10" high, #277 SLATE

Graphics / Typography / Color:
Information Copy - Univers 55, 3" cap height, vinyl letters, color to match Gravo-Tac #200-114 WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Directional signage to be installed on wall requiring multiple directional messages with arrows.

Material / Size / Color:
- A6 - 3/16” thick Gravo-Tac of 18” wide and 1” high, #248-114 RED
- B9 - 3/16” thick Gravo-Tac of 18” wide and 1/2” high, #277 SLATE
- B10 - 1/8” thick Gravo-Tac of 18” wide and 2” high, #277 SLATE, attached with double-sided foam tape
- B12 - 1/8” thick Gravo-Tac backing of 18” wide and 18” high, #277 SLATE

Graphics / Typography / Color:
- Directory Listing - Univers 55, 1” cap height, engraved letters, WHITE
- Arrow - vinyl squares in color with 1” WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Directional signage to be installed on wall requiring multiple directional messages with arrows.

Material / Size / Color:
- A6 - 3/16" thick Gravo-Tac of 18" wide and 1" high, #248-114 RED
- B9 - 3/16" thick Gravo-Tac of 18" wide and 1/2" high, #277 SLATE
- B10 - 1/8" thick Gravo-Tac of 18" wide and 2" high, #277 SLATE, attached with double-sided foam tape
- B11 - 1/8" thick Gravo-Tac backing of 18" wide and 12" high, #277 SLATE

Graphics / Typography / Color:
- Directory Listing - Univers 55, 1" cap height, engraved letters, WHITE
- Arrow - 1" engraved arrows, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 18: INFORMATIONAL SIGN

Description:
Informational sign with window for paper insert for variable information including hours of operation, building policy information, accessible toilet room maps, or maps including diagrammable elements.

Material / Size / Color:
- A5 - 1/32" thick Gravo-Tac of 11-1/2" wide and 1" high, #248-114 RED
- B20 - 1/8" thick Gravo-Tac of 11-1/2" wide and 11-1/2" high, #277 SLATE
- G5 - 1/16" clear acrylic of 11-1/2" wide and 11-1/2" high with pocket for paper insert

Graphics / Typography / Color:
Paper Insert - variable information to be shown in window

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 18A: INFORMATIONAL SIGN

Description:
Informational sign with window for paper insert for variable information including hours of operation, building policy information, accessible toilet room maps, or maps including diagrammable elements.

Material / Size / Color:
- A10 - 1/32" thick Gravo-Tac of 9” wide and 1” high, #248-114 RED
- B19 - 1/8” thick Gravo-Tac of 9” wide and 14” high, #277 SLATE
- G4 - 1/16” clear acrylic of 9” wide and 14” high with pocket for paper insert

Graphics / Typography / Color:
Paper Insert - variable information to be shown in window

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Sign with window for paper insert of building evacuation maps.

Material / Size / Color:
A5 - 1/32” thick Gravo-Tac of 11-1/2” wide and 1” high, #248-114 RED
B8 - 1/8” thick Gravo-Tac of 11-1/2” wide and 14” high, #277 SLATE
G3 - 1/16” clear acrylic of 11-1/2” wide and 14” high with pocket for paper insert

Graphics / Typography / Color:
Title - Univers 55, 3/4” cap height, engraved letters, WHITE
Warning - Univers 55, 5/16” cap height, engraved letters, WHITE
Paper Insert - variable information to be shown in window

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Sign with silk screened insert of orientation map.

Material / Size / Color:
A6 - 1/32" thick Gravo-Tac of 18" wide and 1" high, #248-114 RED
B12 - 1/8" thick Gravo-Tac of 18" wide and 18" high, #277 SLATE

Graphics / Typography / Color:
Orientation map - silkscreen map of 17" wide and 16" high

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Directory with hinged metal frame for glass cover, a header and 22 holders for paper inserts for building floor or wing destinations.

Material / Size / Color:
C1 - 1/8" painted aluminum of 10-1/2" wide and 2-1/2" high, color to match Gravo-Tac #277 SLATE and #248-114 RED
D1 - Painted aluminum frame 10-1/2" wide and 16" high, color to match #277 SLATE

Graphics / Typography / Color:
Building Name - Univers 55, 3/4" cap height, WHITE
Directory Title - Univers 55, 1/2" cap height, BLACK
Directory Listing - Univers 55, 1/4" cap height, BLACK

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**SIGN TYPE 21A: DIRECTORY SIGN**

**Description:**
Directory with hinged metal frame for glass cover, a header and 44 holders for paper inserts for building floor or wing destinations.

**Material / Size / Color:**
- **C2** - 1/8" painted aluminum of 20" wide and 2-1/2" high, color to match Gravo-Tac #277 SLATE and #248-114 RED
- **D1** - Painted aluminum frame 20" wide and 16" high, color to match #277 SLATE

**Graphics / Typography / Color:**
- **Building Name** - Univers 55, 3/4" cap height, WHITE
- **Directory Title** - Univers 55, 1/2" cap height, BLACK
- **Directory Listing** - Univers 55, 1/4" cap height, BLACK

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Directory with hinged metal frame for glass cover, a header and 84 holders for paper inserts for building floor or wing destinations.

Material / Size / Color:
C2 - 1/8” painted aluminum of 20” wide and 2-1/2” high, color to match Gravo-Tac #277 SLATE and #248-114 RED
D3 - Painted aluminum frame 20” wide and 26” high, color to match #277 SLATE

Graphics / Typography / Color:
Building Name - Univers 55, 3/4” cap height, WHITE
Directory Title - Univers 55, 1/2” cap height, BLACK
Directory Listing - Univers 55, 1/4” cap height, BLACK

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Directory with hinged metal frame for glass cover, a header and 126 holders for paper inserts for building floor or wing destinations.

Material / Size / Color:
C3 - 1/8” painted aluminum of 29-1/2” wide and 2-1/2” high, color to match Gravo-Tac #277 SLATE and #248-114 RED
D4 - Painted aluminum frame 29-1/2” wide and 26” high, color to match #277 SLATE

Graphics / Typography / Color:
Building Name - Univers 55, 3/4” cap height, WHITE
Directory Title - Univers 55, 1/2” cap height, BLACK
Directory Listing - Univers 55, 1/4” cap height, BLACK

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**Description:**
Overhead sign to be bracketed at right angle to wall.

**Material / Size / Color:**
E1 - 1” expanded polystyrene core with expanded PVC facing and reinforcement on edges of 24” wide and 6” high, color to match Gravo-Tac #277 SLATE and #248-114 RED
F1 - 1/2” clear anodized aluminum mating channel 6” high

**Graphics / Typography / Color:**
Copy - Univers 55, 3” cap height, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Overhead sign to be bracketed at right angle to wall requiring more than one line of copy.

Material / Size / Color:
E2 - 1” expanded polystyrene core with expanded PVC facing and reinforcement on edges of 24” wide and 10” high, color to match Gravo-Tac #277 SLATE and #248-114 RED
F2 - 1/2” clear anodized aluminum mating channel 10” high

Graphics / Typography / Color:
Copy - Univers 55, 3” cap height, WHITE

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 23: OVERHEAD DIRECTIONAL

Description:
Overhead sign to be ceiling mounted with potential of three lines of directional copy on one side. Side not used for copy to have single solid laminated face.

Material / Size / Color:
E3 - 1" expanded polystyrene core with expanded PVC facing and reinforcement on edges of 48" wide and 15" high, color to match Gravo-Tac #277 SLATE

Graphics / Typography / Color:
Copy - Univers 55, 3" cap height, WHITE
Arrow - Silk-screened acrylic with 3" WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
SIGN TYPE 23A: OVERHEAD DIRECTIONAL

Description:
Overhead sign to be ceiling mounted with potential of three lines of directional copy on both sides of sign.

Material / Size / Color:
E3 - 1" expanded polystyrene core with expanded PVC facing and reinforcement on edges of 48" wide and 15" high, color to match Gravo-Tac #277 SLATE

Graphics / Typography / Color:
Copy - Univers 55, 3" cap height, WHITE
Arrow - Silk-screened acrylic with 3" WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Overhead sign to be ceiling mounted with potential of four lines of directional copy on one side. Side not used - solid colors with individual panels and boxes for removal.

Material / Size / Color:
E4 - 1" expanded polystyrene core with expanded PVC facing and reinforcement on edges of 48" wide and 20" high, color to match Gravo-Tac #277 SLATE

Graphics / Typography / Color:
Copy - Univers 55, 3" cap height, WHITE
Arrow - Silk-screened acrylic with 3" WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
**SIGN TYPE 23C: OVERHEAD DIRECTIONAL**

**Description:**
Overhead sign to be ceiling mounted with potential of four lines of directional copy on both sides of sign.

**Material / Size / Color:**
E4 - 1” expanded polystyrene core with expanded PVC facing and reinforcement on edges of 48” wide and 20” high, color to match Gravo-Tac #277 SLATE

**Graphics / Typography / Color:**
Copy - Univers 55, 3” cap height, WHITE
Arrow - Silk-screened acrylic with 3” WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4*
Description:
Overhead sign to be ceiling mounted with four faces each of which has the potential of three lines of directional copy.

Material / Size / Color:
E3 - 1” expanded polystyrene core with expanded PVC facing and reinforcement on edges of 48” wide and 15” high, color to match Gravo-Tac #277 SLATE

Graphics / Typography / Color:
Copy - Univers 55, 3” cap height, WHITE
Arrow - Silk-screened acrylic with 3” WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Overhead sign to be ceiling mounted with four faces each of which has the potential of four lines of directional copy.

Material / Size / Color:
E4 - 1” expanded polystyrene core with expanded PVC facing and reinforcement on edges of 48” wide and 20” high, color to match Gravo-Tac #277 SLATE

Graphics / Typography / Color:
Copy - Univers 55, 3” cap height, WHITE
Arrow - Silk-screened acrylic with 3” WHITE arrow, color shown for illustration purposes only and is not a specified color

*NOTE: For more detailed information about the Mounting of the Sign refer to Section 2.4
Description:
Freestanding Directional Kiosk.

Materials / Size / Color:
- Sign Type 20 with insert
  - H1 - acrylic holder for paper handouts, 9” wide and 1'-0” high
  - J1 - 1/4” fiberglass bonded to aluminum framing members at every corner and edge with bracing, color to match Gravoply SLATE, bolted to floor or braced with 100 lb. weight.

Graphics / Typography / Color:
- Kiosk Title - Univer 55, 2” cap height, WHITE
Description:
- Backlit Orientation Map and Directory
- Combination to be recessed into millwork or wall.

Typography:
- Style: Univers 55
- Color: White
- Size on message strip: 1/4" cap height
- Size on sheet graphic: per CD-ROM