

**SECTION 10421 - ARCHITECTURAL SIGNAGE  
CONSTRUCTION STANDARD**

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**PART 1: GENERAL**

1. -Reference Standards: Vendor to provide signs that comply with the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and these specifications, and The University of Texas at Austin Interior Signage Guidelines, 1996 edition.
2. Submittals: In addition to product data, submit the following:
3. Two sample signs with a pictogram, tactile characters, and Braille shall accompany bid. Agency will perform destructive testing with one sample to determine durability.
4. Certification by the Manufacturer that its product design and construction complies with Section 4.30 of the ADAAG shall accompany bid.
5. Written assurance that all Grade 2 Braille is accurate.

**PART 2: PRODUCTS**

1. Manufacturers are subject to compliance with these requirements, provide signs manufactured by one of the following:

*A-Okay Signs & Graphics*  
1015 Reinli Street, Austin, TX 78723

*Architectural Signage Products*  
PO Box 18413, Austin, Texas 787 60

*Artografx, Inc.*  
108840 Sanden Drive Suite A, Dallas, TX 75238

*Austin Architectural Graphics*  
1406 E 5<sup>th</sup> Street, Austin, Texas 78702

*Benchmark Signs*  
4826 Hwy 377 South, Fort Worth, TX 76116

*City Stamp and Seal Co.*  
1308-A W. Anderson Ln., Austin, TX 78757

*Innovative Graphic Systems*  
P.O. Box 33239, Austin, Texas 78764

*Insignia, Inc.*  
1933 I.H. 35 East, New Braunfels, TX 78130

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*Intelligent Signage Inc.*  
5906 Cherry Creek Dr., Austin, Texas 78745

*The Southwell Co.*  
P.O. Box 299, San Antonio, Texas 78291

*The Sign Group*  
913 Prairie Trail, Austin, TX 78758

2. Interior Sign Material is to be 1/8"-thick Westinghouse Micarta in the following colors, as specified for project:
  - a. #52E33E black background with sand letters or
  - b. #90E52E black background with warm grey letters or
  - c. #90E13E black background with white letters or
  - d. #52E51E black background with cool grey letters  
(*No substitutions or equals are acceptable.*)
3. Exterior Sign Material is to be aluminum, AA Alloy 5052 or 6061T6 or as recommended to suit required service and finish. 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 which have stains and discolorations.
4. Vinyl Die-Cut Characters are to be pre-spaced die-cut letters of 3M Scotchcal film in 3.5 mil thickness, selected from standard colors. Typeface and spacing noted on Drawings.
5. Surface Flatness for exposed items of work which include plain flat surfaces in width of more than 50 times the metal thickness shall be provided from sheet stock from the mill which has been stretcher leveled to the highest standard of flatness commercially available.
6. Construction of sign(s) shall consist of Braille, lettering, and pictographics created by sandblasting surrounding area, making them an integral part of the sign.
7. Braille characters are to be Grade 2, raised 1/32" above surrounding surface area and placed below tactile characters.

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8. Tactile characters and numbers shall be a minimum of 5/8" high and no higher than 2 inches in height. Tactile letters and numbers shall be raised a minimum of 1/32" from the face of the sign. Tactile letters and numbers are to be formed by sandblasting area around characters, making them an integral part of the sign face.
9. Character height to be 5/8".
10. Spacing between vertical elements of the characters shall be 1/8" min. Spacing between characters and Braille shall be 3/16" minimum.
11. Dimensions for Braille Characters are as follows:
  - a. Dot diameter is to be .059 in.
  - b. Inter-dot spacing is to be .090 in.
  - c. Horizontal separation between cells is to be .241 in.
  - d. Vertical separation between cells is to be .395 in.
12. Pictograms are to be raised 1/32" above surrounding surfaces. Where required, pictograms will be placed within an area 6" in height in which no other information will be displayed. All symbols and pictograms shown in drawings are for reference only and shall be reproduced from AIGA/DOT Symbols Signs book or electronic file published by AIGA [1059 Third Avenue; New York NY 10021; 1-(800)-548-1634] or SEG D [401 F Street, Suite 333; Washington DC 20001; 1-(202)-638-5555].
13. Finish and contrast requirements are as follows:
  - a. Finish is to be eggshell, matte, or non-glare.
  - b. The contrast between the background characters shall be a minimum of 70 to 1.
  - c. The gloss of the materials shall be within 11 to 19 degrees on a 60 degree glossmeter.

### PART 3: EXECUTION

1. Installation of Interior Signs shall be such that sign is placed the wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, signs shall be placed on the nearest adjacent wall. Mounting height shall be 60" above the finish floor to the datumline of the sign. Mounting location shall be so that a person may approach within 3" of sign without encountering protruding objects or standing within the swing of the door.

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2. Accessories for mounting of interior signs on the wall surfaces are to be 3M Devon #8416 double-coated foam tape, or an approved equal product and a silicone adhesive.
  
3. Installation of Exterior (Post-Mounted) Signs shall be such that centerline of sign is between 43" and 51" above finished grade, depending on conditions encountered at each mounting location. Sign shall be mounted to post so that the sign panel does not extend into sidewalks, access ramps, or any other public pathways.

END OF SECTION 10421