

1994 Texas Accessibility Standards

Technical Memorandum

Texas Department of Licensing and Regulation Architectural Barriers

Issue Date: January 14, 1999

TM 99-12

Size and Spacing of Grab Bars and Handrails 4.26.2

Scoping and Application 4.3.7, 4.8.5, 4.9.4

Schedule 40 standard structural pipe carrying an industry designation of 1 and 1/4" nominal, and listed as having outside dimensions of 1.660" nominal, 1.629" minimum, and 1.675" maximum, is acceptable for compliance with TAS 4.26.2.

The word nominal was inserted into TAS 4.26.2 to allow, without a variance application, slight deviations from the specification that requires 1 and 1/4" – 1 and 1/2" actual outside diameter, which may result using various readily available building materials. We selected the word nominal because of its definition as "...size that may vary from actual..." It was never intended to be so broad as to permit the use of any and all products which may be designated as "nominal" by a multitude of manufacturers for industries.

For example, standard structural pipe carrying a designation of 1 and 1/2" nominal ANSI Schedule 40 pipe is listed as having a nominal outside diameter of 1.900"; a minimum outside diameter of 1.869" and a maximum diameter of 1.915". This would be unacceptable.