

GENERAL NOTES

THE INTENTION OF THIS SHEET IS TO SHOW THE REQUIREMENTS OF THE 2010 ADA DESIGN STANDARDS, BASED ON PROJECT LOCATION, STATE OR LOCAL ACCESSIBILITY CODES MAY ALSO APPLY TO THE PROJECT. IF THERE IS A DISCREPANCY BETWEEN THE FEDERAL, STATE, OR LOCAL CODE THEN THE STRICTER OF THE CODES SHALL BE ENFORCED IN THAT SITUATION.

THE COMPLETE FEDERAL AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES CAN BE FOUND AT: <http://www.access-board.gov/ada-aba/final.pdf>

GENERAL NOTES:

- IF THE REQUIREMENTS OF THIS SHEET CANNOT BE ACHIEVED FOR ANY REASON THEN THE G.C. SHOULD NOTIFY THE ARCHITECT IMMEDIATELY.
- G.C. IS RESPONSIBLE FOR HAVING A TWO-FOOT LONG SMART LEVEL ON SITE TO VERIFY COMPLIANCE OF CERTAIN ITEMS WHERE THE TOOL IS NECESSARY.
- G.C. IS RESPONSIBLE FOR HAVING A POUNDS OF PRESSURE DEVICE ON SITE TO VERIFY COMPLIANCE OF CERTAIN ITEMS WHERE THE TOOL IS NECESSARY. DOOR PULLS, GATES, LAVATORY FAUCET LEVERERS, WATER CLOSET FLUSH HANDLES AND DRINKING FOUNTAIN CONTROLS MUST ALL REQUIRE 5 LBF OR LESS TO CONTROL. POUNDS OF PRESSURE DEVICE RECOMMENDATION:
- G.C. TO PROVIDE 5'-0" CIRCLE TEMPLATE. G.C. TO VERIFY CLEARANCE COMPLIANCE OF REQUIRED TURNING RADIUS AS SHOWN ON PLUMBING SHEET.
- G.C. TO REFERENCE PLUMBING SHEET FOR STORE SPECIFIC PLUMBING LAYOUT

302 FLOOR OR GROUND SURFACES AND 303 CHANGES IN LEVEL

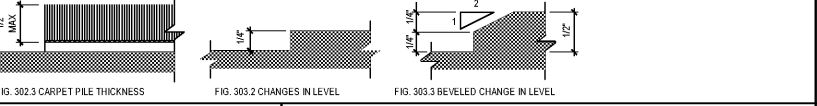
302.1 General: Floor and ground surfaces shall be stable, firm, and slip resistant.

302.2 Carpet: Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing on no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/loop pile texture. Pile height shall be 1/4" max. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed edge. Carpet edge trim shall comply with 303.

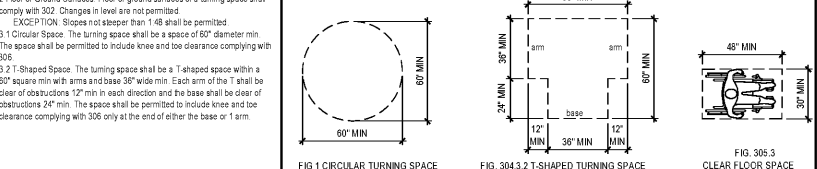
303.2 Vertical: Changes in level of 1/4" high max shall be permitted to be vertical.

303.3 Beveled: Changes in level between 1/4" high min and 1/4" high max shall be beveled with a slope not steeper than 1:2.

CARPET PILE THICKNESS & ACCESSIBLE ROUTE



304 TURNING SPACE



305 CLEAR FLOOR OR GROUND SPACE

305.2 Floor or Ground Surfaces: Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted.

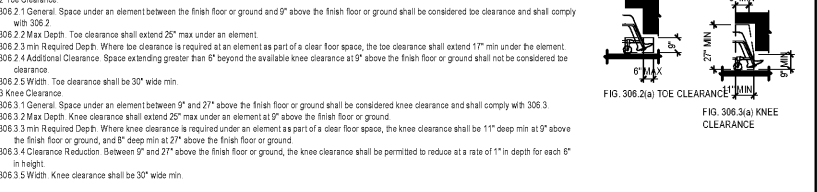
EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

305.3 Size: The clear floor or ground space shall be 30" min by 48" min.

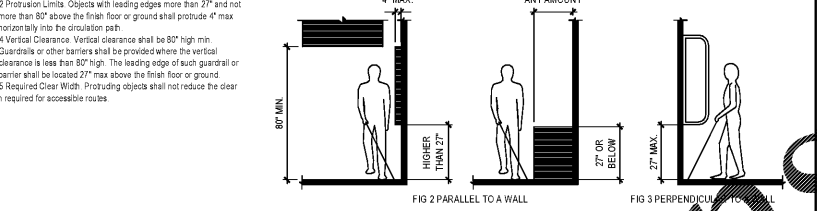
305.4 Knee and Toe Clearance: Unless otherwise specified, clear floor or ground space shall be permitted to include knee and toe clearance complying with 306.

305.5 Position: Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element.

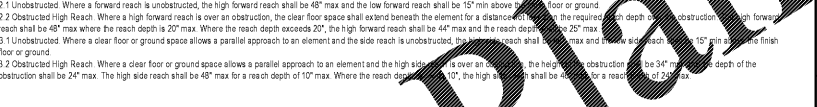
306 KNEE AND TOE CLEARANCE



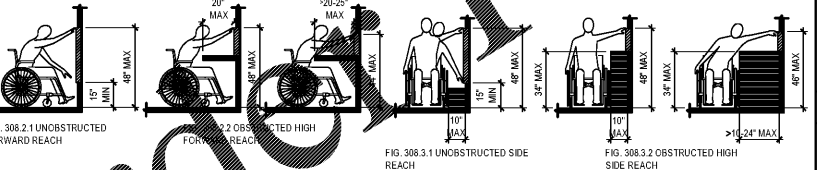
307 PROTRUDING OBJECTS



308 REACH RANGES



REACH RANGES



309 OPERABLE PARTS

309.2 Clear: A clear floor or ground space of 30 inches by 48 inches shall be provided.

309.3 Height: Operable parts shall be located within one or more of the reach ranges specified in 308.

309.4 Operation: Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds max.

403 WALKING SURFACES

403.2 Floor or Ground Surfaces: Floor or ground surfaces shall comply with 302.

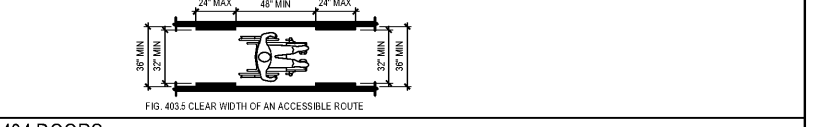
403.3 Slope: The maximum slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

403.4 Changes in Level: Changes in level shall comply with 303.

403.5 Slope: The maximum slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

403.6 Changes in Level: Changes in level shall comply with 303.

403.5 CLEAR WIDTH OF AN ACCESSIBLE ROUTE



404 DOORS

404.2.2 Double-Leaf Doors and Gates: At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.

404.2.3 Clear Width: Door openings shall provide a clear width of 32" min. Clear openings of doorways with swinging doors shall be measured from the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" min. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 60" above the finish floor or ground shall not exceed 4".

404.2.4 Maneuvering Clearances: min maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance.

404.2.5 Thresholds: Thresholds, if provided at doorways, shall be 1/4" high max. Raised thresholds and changes in level at doorways shall comply with 302 and 303.

404.2.6 Doors in Series and Gates in Series: The distance between two hinged or pivoted doors in series and gates in series shall be 48" min plus the width of doors or gates swinging into the space.

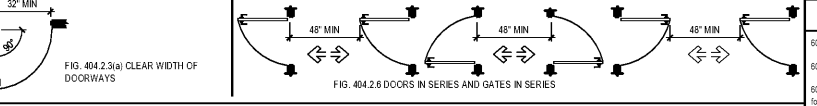
404.2.7 Door and Gate Hardware: Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34" min and 48" max above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and located on both sides.

404.2.8.1 Door Closers and Gate Closers: Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to the position of 12 degrees from the latch is 5 seconds min.

404.2.8.2 Door Gate Opening Force: Fire doors shall have a min opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door/gate other than fire doors shall be as follows:

Interior hinged doors and gates: 5 pounds max. Sliding or folding doors: 5 pounds max.

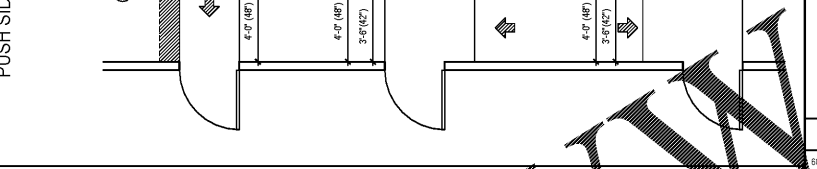
CLEAR DOOR WIDTH



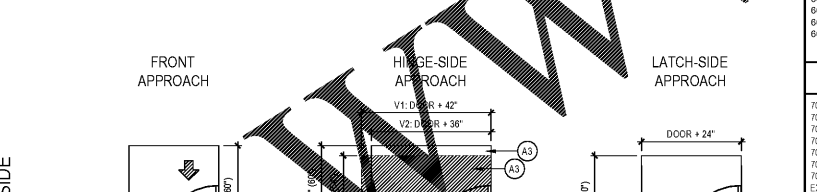
DOORS AND GATES IN SERIES



404.2.4 PUSH SIDE MANEUVERING CLEARANCES AT DOOR



404.2.4 PULL SIDE MANEUVERING CLEARANCES AT DOOR



602 DRINKING FOUNTAINS

602.2 Clear Floor Space: Units shall have a clear floor or ground space complying with 305 positioned for a forward approach and centered on the unit. Knee and toe clearance complying with 306 shall be provided.

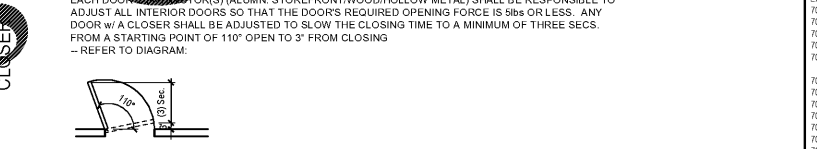
602.3 Operable Parts: Operable parts shall comply with 309.

602.4 Spout Height: Spout outlets shall be 38" max above the finish floor or ground.

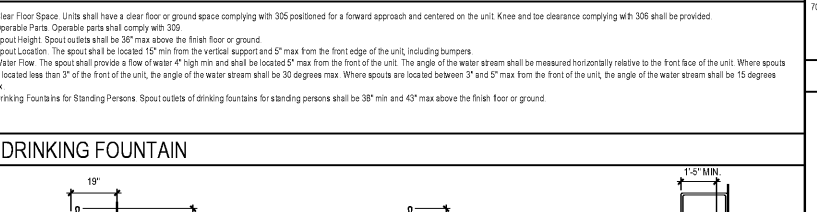
602.5 Spout Location: The spout shall be located 15" min from the vertical support and 5" max from the front edge of the unit, including bumpers.

602.6 Water Flow: The spout shall provide a flow of water 4" high min and shall be located 5" max from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" of the front of the unit, the angle of the water stream shall be 30 degrees max.

602.7 Drinking Fountains for Standing Persons: Spout outlets of drinking fountains for standing persons shall be 38" min and 45" max above the finish floor or ground.



DRINKING FOUNTAIN



604 WATER CLOSETS

604.2 Location: The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" min to 18" max from the side wall. Water closets shall be arranged for a left-hand or right-hand approach.

604.3.1 Rise: Clearance around a water closet shall be 60" min measured perpendicular from the side wall and 55" min measured perpendicular from the rear wall.

604.3.2 Overlap: The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the limiting space. No other fixtures or obstructions shall be located within the required water closet clearance.

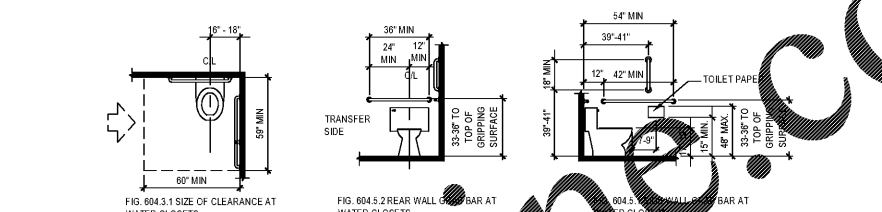
604.4 Seats: The seat height of a water closet above the finish floor shall be 17" min and 19" max measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.5.1 Side Wall: The side wall grab bar shall be 42" long min, located 12" max from the rear wall and extending 54" min from the rear wall.

604.5.2 Rear Wall: The rear wall grab bar shall be 36" long min and extend from the centerline of the water closet 12" min on one side and 24" min on the other side.

604.6 Flush Controls: Flush controls shall be hand-operated or automatic. Hand-operated flush controls shall comply with 309. Flush controls shall be located on the open side of the water closet.

604.7 Dispensers: Toilet paper dispensers shall comply with 309.4 and shall be 7" min and 12" max in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" min and 48" max above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.



606 LAVATORIES AND MIRRORS

606.2 Clear Floor Space: A clear floor space complying with 305, positioned for a forward approach, knee and toe clearance complying with 306 shall be provided.

606.3 Height: Lavatories and sinks shall be installed with the higher of the higher of the top of the basin or the top of the basin 34" max above the finish floor or ground.

606.4 Faucets: Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds min.

606.5 Exposed Pipes and Surfaces: Water supply and drain pipes shall be insulated and shall be protected against impact. There shall be no protrusions or sharp edges or abrasives under lavatories and sinks.

606.6 Mirrors: Mirrors located above lavatories and sinks shall be installed with the top edge of the reflecting surface 40" max above the finish floor or ground. Mirrors not located above lavatories or sinks shall be installed with the bottom edge of the reflecting surface 35" min above the finish floor or ground.

609 GRAB BARS

609.2 Circular Cross Section: Grab bars with circular cross sections shall have an outside diameter of 1 1/2" min and 2" max.

609.3 Spacing: The space between the wall and the grab bar shall be 1 1/2". The space between the grab bar and projecting objects below and at the ends shall be 1 1/2" min. The space between the grab bar and projecting objects above shall be 12" min.

609.4 Installation Height and Location: Signs with tactile characters shall be installed in a horizontal position, 23" min and 36" max above the finish floor measured to the top of the gripping surface.

609.5 Surface Hazards: Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges.

609.6 Fittings: Grab bars shall not rotate within their fittings.

609.7 Installation: Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space.

609.8 Structural Strength: Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds is applied at any point on the grab bar, fastener, mounting device, or supporting structure.

703 SIGNS

703.1 General: Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 Raised Characters: Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 Depth: Raised characters shall be 1/32" min above their background.

703.2.2 Case: Characters shall be uppercase.

703.2.3 Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent min and 110 percent max of the height of the uppercase letter "T".

703.2.5 Character Height: Character height measured vertically from the baseline of the character shall be 5/8" min and 2" max based on the height of the uppercase letter "T".

EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" min.

703.2.6 Stroke Thickness: Stroke thickness of the uppercase letter "I" shall be 15 percent max of the height of the character.

703.2.7 Character Spacing: Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8" min and 4 times the raised character stroke width max. Where characters have other cross sections, spacing between individual raised characters shall be 1/16" min and 4 times the raised character stroke width max at the base of the cross sections, and 1/8" min and 4 times the raised character stroke width max at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8" min.

703.2.8 Line Spacing: Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent min and 170 percent max of the raised character height.

703.3 Braille: Braille shall be contracted (Grade 3) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization: Braille dots shall have a dot size and shape and shall comply with Table 703.3.1. The indicator of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

703.3.2 Position: Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8" min from any other tactile characters and 3/8" min from raised borders and decorative elements.

703.3.3 Installation Height and Location: Signs with tactile characters shall comply with 703.4.

703.3.4 Height Above Finish Floor or Ground: Tactile characters on signs shall be located 48" min above the finish floor or ground surface, measured from the baseline of the lowest tactile character, and 60" max above the finish floor or ground surface, measured from the baseline of the highest tactile character.

703.3.5 Location: Where a tactile sign is provided at a door, the sign shall be located along the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located at the right side of a single door. Where there is no wall space at the latch side of a single door, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" min by 18" min, centered on the tactile characters, is provided beyond the arc of any door swing between the double position and 45 degree open position.

EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.

703.4 Visual Characters: Visual characters shall comply with 703.5.

EXCEPTION: Where visual characters comply with 703.2 and are accompanied by braille complying with 703.3, they shall not be required to comply with 703.5.2 through 703.5.9.

703.5.1 Finish and Contrast: Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

703.5.2 Case: Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style: Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent min and 110 percent max of the height of the uppercase letter "T".

703.5.5 Character Height: min character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "T".

703.5.6 Height From Finish Floor or Ground: Visual characters shall be 40" min above the finish floor or ground.

703.5.7 Stroke Thickness: Stroke thickness of the uppercase letter "I" shall be 10 percent min and 30 percent max of the height of the character.

703.5.8 Character Spacing: Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent min and 35 percent max of character height.

703.5.9 Line Spacing: Spacing between the baselines of separate lines of characters within a message shall be 135 percent min and 170 percent max of the character height.

703.6 Pictograms: Pictograms shall comply with 703.6.

703.6.1 Pictogram Field: Pictograms shall have a field height of 18" min. Characters and braille shall not be located in the pictogram field.

703.6.2 Finish and Contrast: Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field.

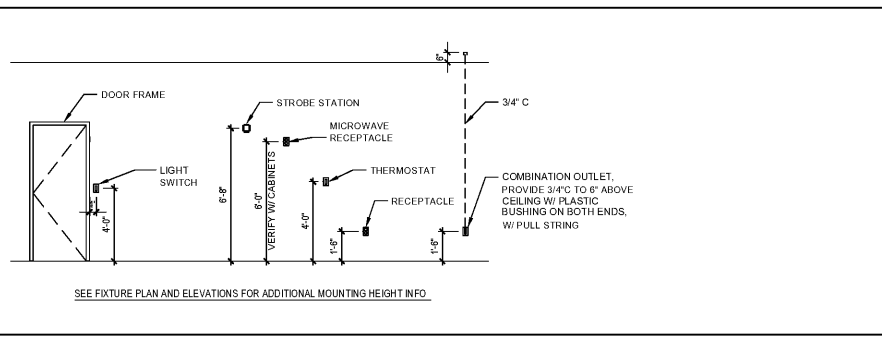
703.6.3 Text Descriptors: Pictograms shall have text descriptors located directly below the pictogram field.

Text descriptors shall comply with 703.2, 703.3 and 703.4.

703.7 Symbols of Accessibility: Symbols of accessibility shall comply with 703.7.

703.7.1 Finish and Contrast: Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

TYPICAL DEVICE MOUNTING HEIGHTS



FRCH
DESIGN WORLDWIDE

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MY SALON Suite

ISSUE INFORMATION

REVISIONS

NO.	DATE	DESCRIPTION

FRCH Nelco Architecture, Inc.

PROJECT INFORMATION

Marketplace Center
MSS #5158

1948 Old Fort Pkwy
Murfreesboro, TN 37129

PROJECT NO:
035986.000

SHEET INFORMATION

ADA Requirements

DRAWN BY:
KRP

REVIEWED BY:
SA / RR

SCALE:
As Noted

AUTHORIZED FOR:
Bid/Permit/LL

G-003