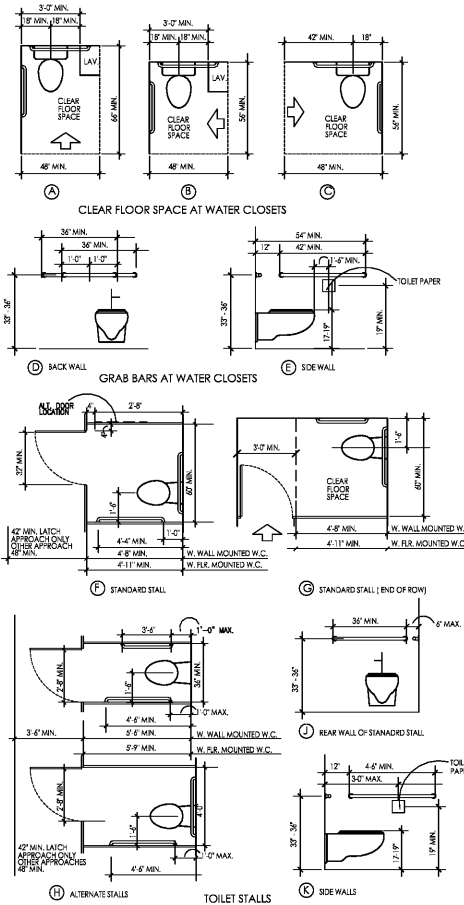
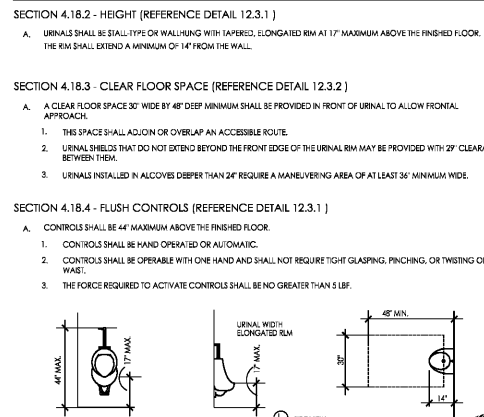


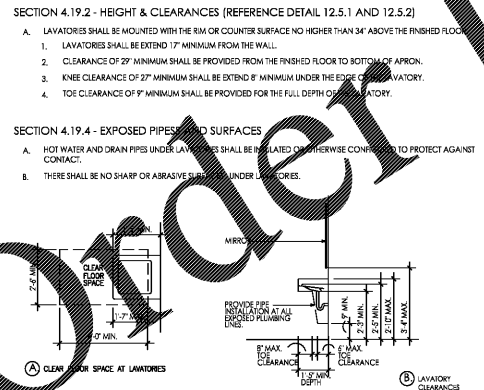
4.17 - TOILET STALLS, CONTINUED



4.18 - URINALS



4.19 - LAVATORIES & MIRRORS



4.19 - LAVATORIES & MIRRORS, CONTINUED

SECTION 4.19.5 - 4.27.4 - FAUCETS
A. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.

SECTION 4.19.6 - MIRRORS (REFERENCE DETAIL 12.5.1)
A. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 42" MAXIMUM ABOVE THE FINISHED FLOOR.

4.20 - BATHTUBS

SECTION 4.20.2 - FLOOR SPACE
A. CLEAR FLOOR SPACE SHALL BE PROVIDED IN FRONT OF BATHTUBS AS FOLLOWS: 30" WIDE X 60" LONG BESIDE THE BATHTUB FOR SIDE APPROACH.

SECTION 4.20.3 - SEAT
A. AN IN-TUB SEAT OR A SEAT AT THE HEAD END OF THE TUB SHALL BE PROVIDED. SEATS SHALL BE MOUNTED SECURELY AND SHALL NOT SLIP DURING USE.

SECTION 4.20.4 - GRAB BARS
A. HEIGHTS PERMITTED: 1. WITH IN-TUB SEAT: CONTROL WALL: 24" LONG MINIMUM, FROM OUTSIDE WALL, 33-36" ABOVE FLOOR.

SECTION 4.20.6 - SHOWER UNIT
A. AN SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60" LONG SHALL BE PROVIDED. APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES.

4.21 - SHOWER STALLS

SECTION 4.21.1 - SIZE AND CLEARANCES
A. SHOWER STALLS SHALL BE EITHER 36" X 36" CLEAR INSIDE DIMENSION OR 36" MIN X 60" MIN. CLEAR INSIDE DIMENSION.

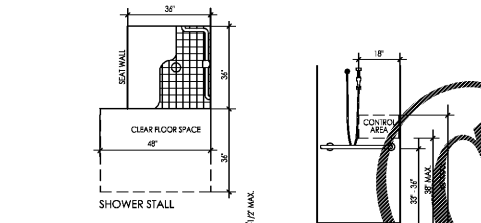
SECTION 4.21.3 - SEAT
A. SEAT IS REQUIRED IN 36" X 36" STALLS, AND SHALL HAVE THE FOLLOWING FEATURES: 1. SHALL BE 17-19" ABOVE BATHROOM FLOOR.

SECTION 4.21.4 - GRAB BARS
A. GRAB BARS SHALL BE MOUNTED 33-36" ABOVE FLOOR.

SECTION 4.21.5 - CONTROLS
A. ALL SHOWER CONTROLS SHALL BE LOCATED 38" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR.

SECTION 4.21.6 - SHOWER UNIT
A. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60" LONG THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD AND AS A HAND HELD SHOWER SHALL BE PROVIDED.

SECTION 4.21.7 - CURBS
A. IF PROVIDED, CURBS ON TRANSFER SHOWERS SHALL BE NO HIGHER THAN 1/2" ROLL-IN SHOWERS SHALL NOT HAVE CURBS.



SECTION 4.18.2 - HEIGHT (REFERENCE DETAIL 12.3.1)
A. URINALS SHALL BE SMALL TYPE OR WALL-MOUNTING WITH TAPERED, ELONGATED RIM AT 17" MAXIMUM ABOVE THE FINISHED FLOOR.

4.22 - TOILET ROOMS

SECTION 4.22.2 - DOORS
A. DOORS TO TOILET ROOMS SHALL COMPLY WITH 4.13. DOORS SHALL NOT SWING INTO CLEAR FLOOR SPACE.

SECTION 4.19.4 - EXPOSED PIPES AND SURFACES
A. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT.

SECTION 4.22.6 - LAVATORIES AND MIRRORS
A. IF LAVATORIES AND MIRRORS ARE PROVIDED, THEN AT LEAST ONE OF EACH SHALL BE PROVIDED IN THE TOILET ROOM, AND COMPLY WITH 4.19. ACCESSIBLE LAVATORIES, MIRRORS SHALL NOT BE LOCATED WITHIN TOILET STALLS UNLESS OTHER ACCESSIBLE LAVATORIES AND MIRRORS ARE.

SECTION 4.22.7 - CONTROLS AND DISPENSERS
A. IF CONTROLS, DISPENSERS, RECEPTACLES, OR OTHER EQUIPMENT ARE PROVIDED, THEN AT LEAST ONE OF EACH SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH 4.27 (CONTROLS & OPERATING MECHANISMS).

4.23 - BATHROOMS, BATHING FACILITIES, AND SHOWER ROOMS

SECTION 4.23.5 - BATHING AND SHOWER FACILITIES
A. IF TUBS AND SHOWERS ARE PROVIDED, THEN AT LEAST ONE ACCESSIBLE TUB THAT COMPLIES WITH 4.20 OR AT LEAST ONE ACCESSIBLE SHOWER THAT COMPLIES WITH 4.21 SHALL BE PROVIDED.

4.24 - SINKS

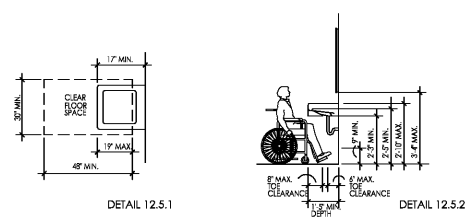
SECTION 4.24.2 - HEIGHT (REFERENCE DETAIL 12.5.1)
A. SINKS SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR.

SECTION 4.24.3 - KNEE CLEARANCE (REFERENCE DETAIL 12.5.2)
A. KNEE CLEARANCE OF 27" HIGH MINIMUM, 30" WIDE MINIMUM, AND 17" DEEP MINIMUM SHALL BE PROVIDED UNDER SINKS.

SECTION 4.24.4 - EXPOSED PIPES AND SURFACES
A. HOT WATER AND DRAIN PIPES UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT.

SECTION 4.24.7 - 4.27.4 - FAUCETS
A. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.

SECTION 4.24.8 - ALARMS
A. WHEN REQUIRED, VISUAL ALARMS SHALL BE PROVIDED IN EACH OF THE FOLLOWING AREAS, AS A MINIMUM: RESTROOMS AND ANY OTHER GENERAL USAGE AREAS (E.G., MEETING ROOMS), HALLWAYS, LOBBIES, AND ANY OTHER AREA FOR COMMON USE.



4.25 - STORAGE

SECTION 4.25.1 - DEPTH (REFERENCE DETAIL 14.5 & 14.6)
A. STORAGE AREAS MAY BE 36" IN DEPTH OR LESS. IF MORE THAN 36" IN DEPTH THEN AREAS MUST ALLOW 60" DIAMETER OF CLEAR FLOOR SPACE FOR TURNING.

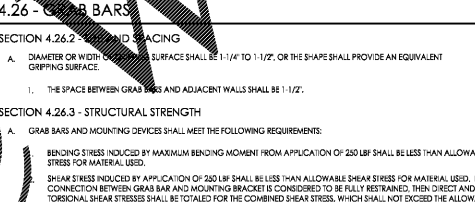
SECTION 4.25.2 - CLEAR FLOOR SPACE
A. A CLEAR FLOOR SPACE AT LEAST 30" BY 48" COMPLYING WITH 4.24 THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES.

SECTION 4.25.3 - HEIGHT (REFERENCE DETAIL 14.3 AND 14.4)
A. WHERE A FORWARD REACH IS REQUIRED, ACCESSIBLE STORAGE SPACES SHALL BE 48" MAXIMUM AND 13" MINIMUM ABOVE FLOOR.

SECTION 4.26.2 - SEATING AND SPACING
A. DIAMETER OR WIDTH OF SEATING SURFACE SHALL BE 1 1/4" TO 1 1/2", OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.

SECTION 4.26.3 - STRUCTURAL STRENGTH
A. GRAB BARS AND MOUNTING DEVICES SHALL MEET THE FOLLOWING REQUIREMENTS: BENDING STRESS INDUCED BY MAXIMUM BENDING MOMENT FROM APPLICATION OF 250 LBF SHALL BE LESS THAN ALLOWABLE STRESS FOR MATERIAL USED.

SECTION 4.26.4 - GRAB BARS, CONTINUED
A. DIAMETER OR WIDTH OF SEATING SURFACE SHALL BE 1 1/4" TO 1 1/2", OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.



4.26 - GRAB BARS, CONTINUED

SECTION 4.26.4 - ELIMINATING HAZARDS
A. GRAB BARS AND ADJACENT WALL SURFACES SHALL BE FREE OF SHARP OR ABRASIVE SURFACES.

SECTION 4.27 - CONTROLS AND OPERATING MECHANISMS
SECTION 4.27.2 - CLEAR FLOOR SPACE
A. CLEAR FLOOR SPACE COMPLYING WITH 4.24 THAT ALLOWS A FORWARD OR A PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER EQUIPMENT, CONTROLS AND OPERATING MECHANISMS LOCATED IN ACCESSIBLE DEEPER THAN 24" REQUIRED ADDITIONAL MANEUVERING AREA.

SECTION 4.27.3 - HEIGHT (REFER TO DETAIL 16.3)
A. FRONT APPROACH - 48" MAX. TO 15" MIN.

SECTION 4.28 - ALARMS
SECTION 4.28.1 - GENERAL
A. WHEN REQUIRED, VISUAL ALARMS SHALL BE PROVIDED IN EACH OF THE FOLLOWING AREAS, AS A MINIMUM: RESTROOMS AND ANY OTHER GENERAL USAGE AREAS (E.G., MEETING ROOMS), HALLWAYS, LOBBIES, AND ANY OTHER AREA FOR COMMON USE.

SECTION 4.28.2 - AUDIBLE ALARMS
A. IF PROVIDED, AUDIBLE ALARMS SHALL PRODUCE A SOUND THAT EXCEEDS THE PREVAILING EQUIVALENT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST 15 DBA OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 35 SECONDS, WHICHEVER IS LOUDER.

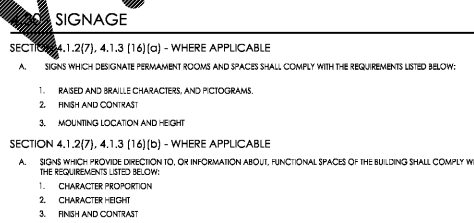
SECTION 4.28.3 - VISUAL ALARMS
A. VISUAL ALARMS SIGNAL APPLICANCES SHALL BE INTEGRATED INTO THE BUILDING FACILITY ALARM SYSTEM. IF SINGLE STATUS VISUAL ALARMS ARE PROVIDED, THEY SHALL BE AT LEAST ONE OF THE FOLLOWING TYPES:

SECTION 4.30.2 - CHARACTER PROPORTION (REFERENCE DETAIL 16.2)
A. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 0.5 AND 1.1, AND A STROKE-TO-WIDTH-TO-HEIGHT RATIO BETWEEN 1.5 AND 1.0.

SECTION 4.30.3 - OVERHEAD SIGNS
A. CHARACTER AND NUMBERS ON OVERHEAD SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ.

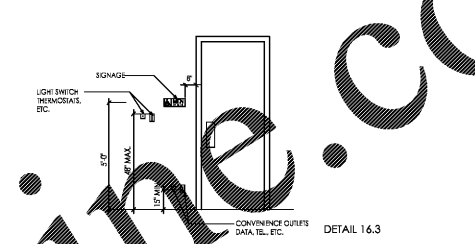
SECTION 4.30.4 - RAISED AND BRAILLE CHARACTERS AND PICTOGRAMS
A. LETTERS AND NUMBERS SHALL BE RAISED 1/32" UPON CASE, SANS SERIF AND SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE.

SECTION 4.30.5 - FINISH AND CONTRAST
A. THE CHARACTER AND BACKGROUND OF THE SIGNS SHALL BE EGGSHELL WHITE, OR OTHER NON-GLOSS FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND (EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND).



4.30 - SIGNAGE, CONTINUED

SECTION 4.30.6 - MOUNTING LOCATION AND HEIGHT (REFERENCE DETAIL 16.3)
A. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR.



4.31 - PUBLIC TELEPHONES

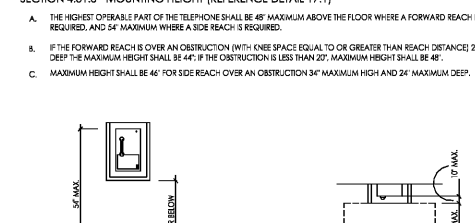
SECTION 4.31.1 - HEIGHT - WHERE APPLICABLE
A. PUBLIC TELEPHONES, PUBLIC CLOSED CIRCUIT TELEPHONES, OR OTHER PUBLIC TELEPHONES IF PROVIDED, THEN THEY SHALL COMPLY WITH THE SECTION IN THIS QUANTITY BELOW.

SECTION 4.31.3 - VISUAL ALARMS
A. VISUAL ALARMS SIGNAL APPLICANCES SHALL BE INTEGRATED INTO THE BUILDING FACILITY ALARM SYSTEM. IF SINGLE STATUS VISUAL ALARMS ARE PROVIDED, THEY SHALL BE AT LEAST ONE OF THE FOLLOWING TYPES:

SECTION 4.31.7 (b) - WHERE APPLICABLE
A. ALL TELEPHONES REQUIRED TO BE ACCESSIBLE SHALL BE EQUIPPED WITH A VOLUME CONTROL.

SECTION 4.31.7 (c) - WHERE APPLICABLE
A. IN LARGE ROOMS AND SPACES, INCLUDING HOTELS, WITHOUT A VOLUME CONTROL, A PUBLIC TELEPHONE PROVIDED SHALL BE EQUIPPED WITH A VOLUME CONTROL AND SHALL BE DISPersed AMONG ALL TYPES OF TELEPHONES, INCLUDING CLOSED CIRCUIT TELEPHONES, THROUGHOUT THE BUILDING OR FACILITY.

SECTION 4.31.3 - MOUNTING HEIGHT (REFERENCE DETAIL 17.1)
A. THE HIGHEST OR TABLE PART OF THE TELEPHONE SHALL BE 48" MAXIMUM ABOVE THE FLOOR WHERE A FORWARD REACH IS REQUIRED, AND 54" MAXIMUM WHERE A SIDE REACH IS REQUIRED.



4.32 - SEATING AND TABLES

SECTION 4.32.2 - SEATING
A. IF SEATING SPACES FOR PEOPLE IN WHEELCHAIRS ARE PROVIDED AT FIXED TABLES OR COUNTERS, CLEAR FLOOR SPACE OF 30" X 48" SHALL BE PROVIDED. FLOOR SPACE SHALL NOT OVERLAP REQUIRED CLEAR SPACE BY MORE THAN 1/2".

SECTION 4.32.3 - KNEE SPACE
A. IF SEATING SPACES FOR PEOPLE IN WHEELCHAIRS ARE PROVIDED AT FIXED TABLES OR COUNTERS, KNEE SPACE AT LEAST 27" HIGH, 30" WIDE AND 17" DEEP SHALL BE PROVIDED.

SECTION 4.32.4 - HEIGHT OF TABLES OR COUNTERS
A. THE TOPS OF ACCESSIBLE TABLES AND COUNTERS SHALL BE 28" MINIMUM, AND 34" MAXIMUM, ABOVE THE FINISHED FLOOR.

4.33 - AUTOMATIC TELLER MACHINES

SECTION 4.34.2 - CLEAR FLOOR SPACE
A. FLOOR SPACE SHALL COMPLY WITH 4.24 TO ALLOW A FORWARD, PARALLEL, APPROACH OR BOTH.

SECTION 4.34.3 - REACH RANGES
A. FORWARD APPROACH ONLY: CONTROLS WITHIN FORWARD APPROACH SPECIFIED IN 4.25.

Table with 6 columns: REACH DEPTH, MAX. HEIGHT, REACH DEPTH, MAX. HEIGHT, REACH DEPTH, MAX. HEIGHT. Rows include 10 OR LESS, 11, 12, 13, 14 inches.

4.35 - DRESSING AND FITTING ROOMS

SECTION 4.35.4 - BENCH
A. EVERY ACCESSIBLE DRESSING ROOM SHALL HAVE A 24" X 48" BENCH FIXED TO THE WALL ALONG THE LARGER DIMENSION. THE BENCH SHALL BE MOUNTED 17" TO 19" ABOVE THE FINISH FLOOR.

SECTION 4.35.5 - MIRROR
A. A FULL-LENGTH MIRROR, MEASURING AT LEAST 18" BY 54" HIGH, SHALL BE MOUNTED IN A POSITION AFFORDING A VIEW TO A PERSON IN THE BENCH AS WELL AS TO A PERSON IN A STANDING POSITION.

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