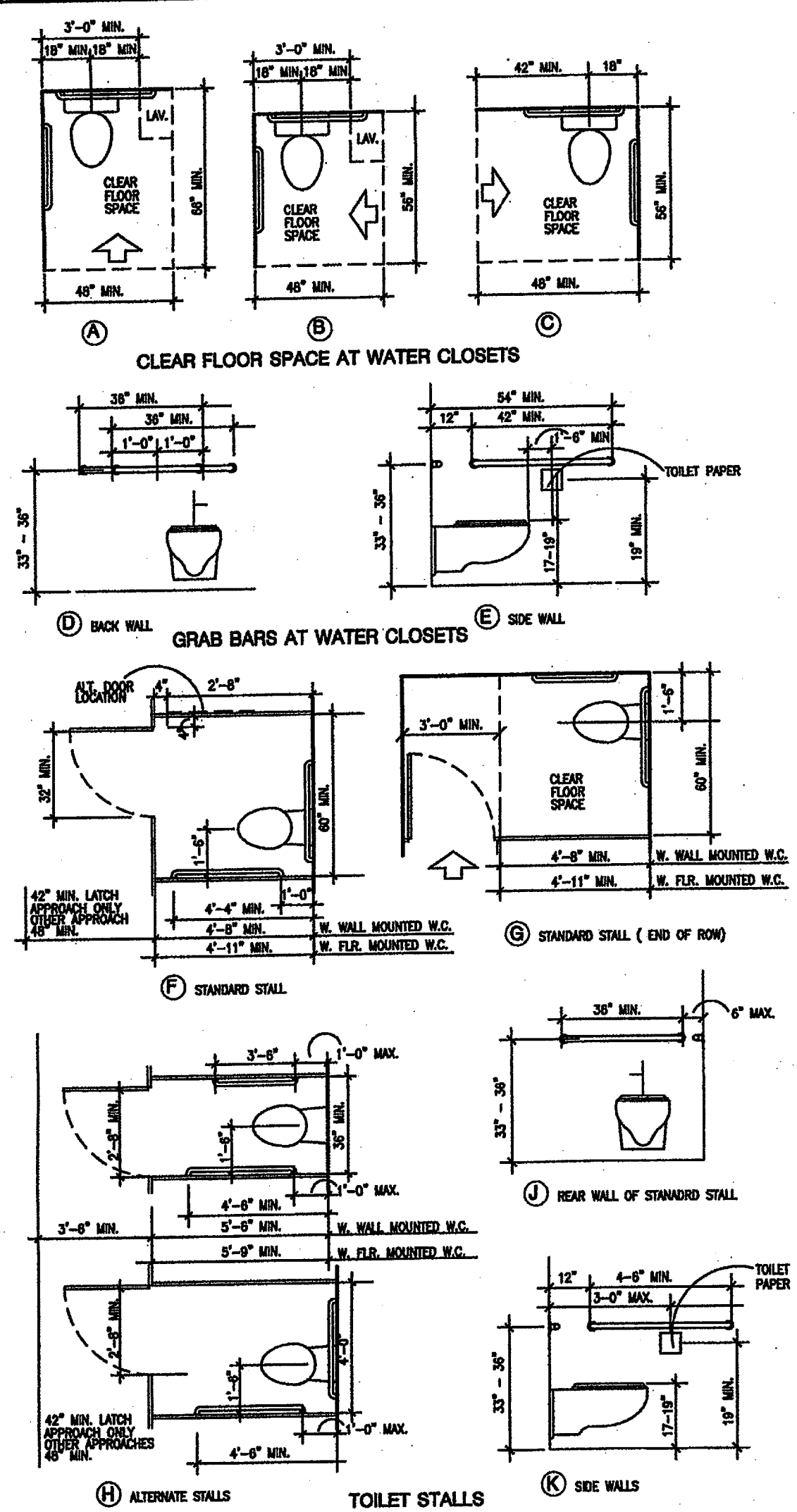
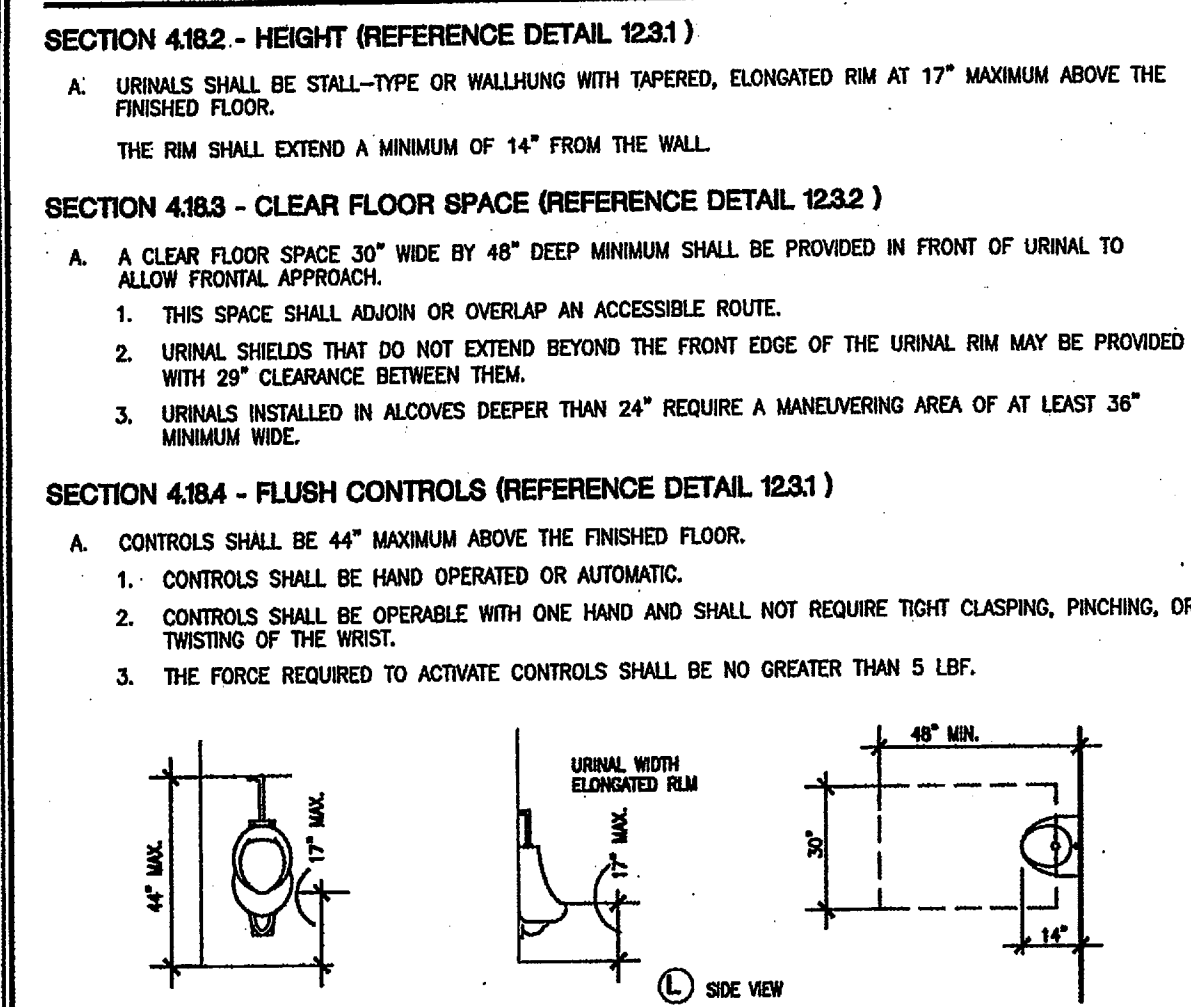


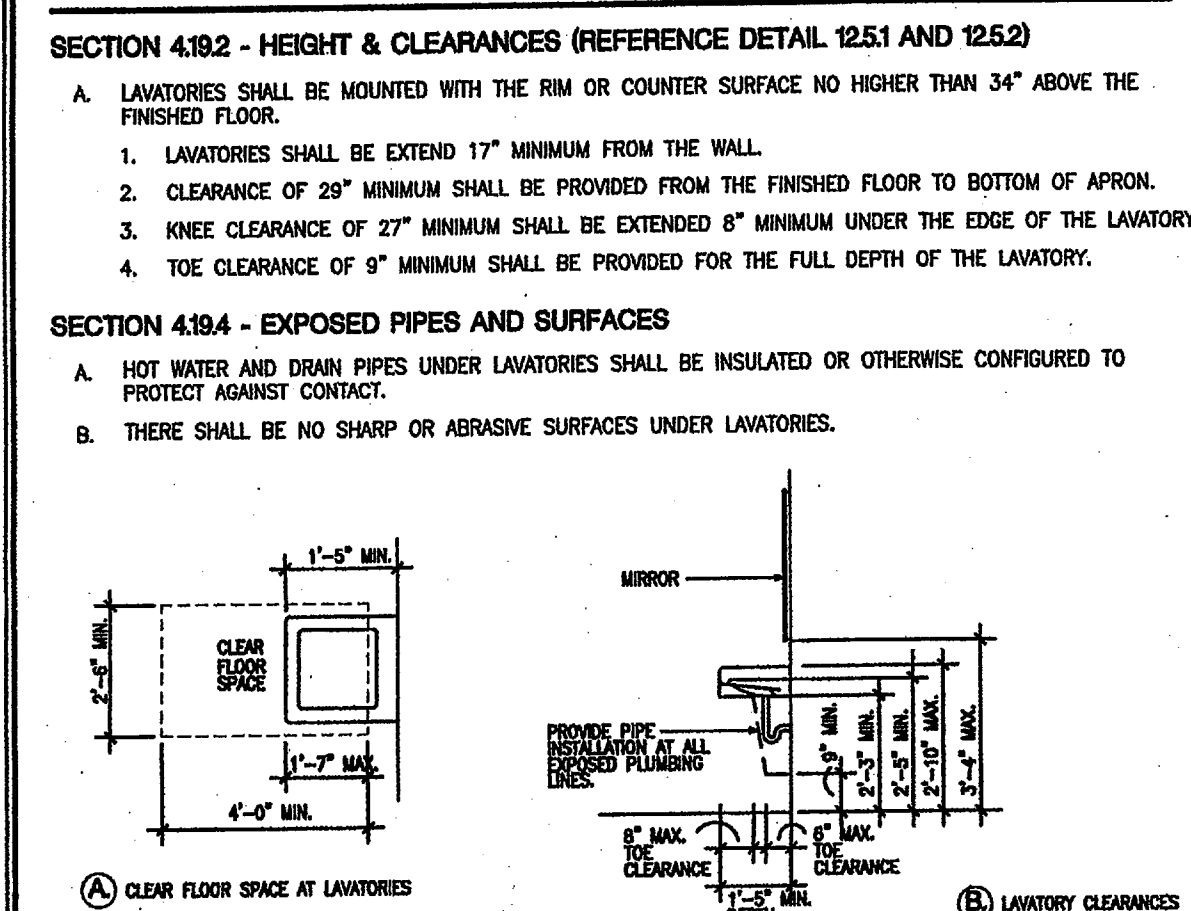
4.17 - TOILET STALLS, CONTINUED



4.18 - URINALS



4.19 - LAVATORIES & MIRRORS



4.19 - LAVATORIES & MIRRORS, CONTINUED

SECTION 4193 - FAUCETS
A. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT CLASPING, PINCHING, OR TWISTING OF THE WRIST.
B. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.
C. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS.
D. IF SELF-CLOSING VALVES ARE USED THE FAUCET SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.

SECTION 4196 - MIRRORS (REFERENCE DETAIL 12.51)
A. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40" MAXIMUM ABOVE THE FINISHED FLOOR.

SECTION 4200 - GRAB BARS
A. HEIGHTS PERMITTED:
1. WITH IN TUB SEAT:
CONTROL WALL: 24" LONG MINIMUM, FROM OUTSIDE WALL, 33-36" ABOVE FLOOR.
BACK WALL: 2 BARS, 24" LONG MINIMUM, 12" MAXIMUM FROM FOOT END, 24" MAXIMUM FROM HEAD END, ONE 33-36" ABOVE FLOOR, ONE 9" ABOVE THE TUB.
HEAD WALL: 12" MINIMUM, FROM OUTSIDE WALL, 33-36" ABOVE FLOOR.
2. WITH SEAT AT HEAD OF TUB:
CONTROL WALL: 24" LONG MINIMUM, FROM OUTSIDE WALL, 33-36" ABOVE FLOOR.
BACK WALL: 2 BARS, 48" LONG MINIMUM, 12" MAXIMUM FROM FOOT END, 15" MAXIMUM FROM HEAD END, ONE 33-36" ABOVE FLOOR, ONE 9" ABOVE THE TUB.
HEAD WALL: NONE.

SECTION 4206 - SHOWER UNIT
A. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60" LONG SHALL BE PROVIDED.

SECTION 421 - SHOWER STALLS
SECTION 4212 - SIZE AND CLEARANCES
A. SHOWER STALLS SHALL BE EITHER 36" X 36" CLEAR INSIDE DIMENSION OR 30" MIN X 60" MIN. CLEAR INSIDE DIMENSION.

SECTION 4213 - SEAT
A. SEAT IS REQUIRED IN 36" X 36" STALLS, AND SHALL HAVE THE FOLLOWING FEATURES:
1. SHALL BE 17"-19" ABOVE BATHROOM FLOOR.
2. SHALL EXTEND THE FULL DEPTH OF THE STALL.
3. SHALL BE LOCATED ON THE WALL OPPOSITE CONTROL WALL.
4. MAXIMUM SPACE BETWEEN WALL AND SEAT EDGE SHALL BE 1-1/2".
5. SHALL PROJECT 18" MAXIMUM INTO STALL WIDTH, EXCEPT AT THE REAR 15" MAXIMUM OF THE STALL, WHERE THE SEAT MAY PROJECT 23".

SECTION 4214 - GRAB BARS
A. GRAB BARS SHALL BE MOUNTED 33"-36" ABOVE FLOOR.

SECTION 4215 - CONTROLS
A. ALL SHOWER CONTROLS SHALL BE LOCATED 38" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR.

SECTION 4216 - 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. THE MOUNTING DEVICE SHALL COMPLY WITH THE REQUIREMENTS FOR FORWARD REACH.

SECTION 4217 - CURBS
A. IF PROVIDED, CURBS ON TRANSFER SHOWERS SHALL BE NO HIGHER THAN 1/2". ROLL-IN SHOWERS SHALL NOT HAVE CURBS.

4.22 - TOILET ROOMS

SECTION 4222 - DOORS
A. ALL DOORS TO ACCESSIBLE TOILET ROOMS SHALL COMPLY WITH 4.13. DOORS SHALL NOT SWING INTO CLEAR FLOOR SPACE REQUIRED FOR ANY FIXTURE. CLEAR FLOOR TURNING SPACE MAY OVERLAP DOOR SWINGS.

SECTION 4223 - CLEAR FLOOR SPACE
A. THE ACCESSIBLE FIXTURES AND CONTROLS REQUIRED IN 4.22.4, 4.22.5, 4.22.6, 4.22.7 SHALL BE ON AN ACCESSIBLE ROUTE. AN UNOBSTRUCTED TURNING SPACE COMPLYING WITH 4.2.3 SHALL BE PROVIDED WITH AN ACCESSIBLE TOILET ROOM. THE CLEAR FLOOR SPACE AT FIXTURES AND CONTROLS, THE ACCESSIBLE ROUTE, AND THE TURNING SPACE MAY OVERLAP, HOWEVER, THE ONLY TURNING SPACE PROVIDED SHALL NOT BE LOCATED WITHIN A STALL.

SECTION 4224 - WATER CLOSETS
A. IF TOILET STALLS ARE PROVIDED, THEN AT LEAST ONE SHALL BE A STANDARD TOILET STALL COMPLYING WITH 4.17, WHERE 6 OR MORE STALLS ARE PROVIDED IN ADDITION TO THE STALL COMPLYING WITH 4.17.3, AT LEAST ONE STALL 36" WIDE WITH AN OUTWARD SWINGING, SELF-CLOSING DOOR AND PARALLEL GRAB BARS SHALL BE PROVIDED. WATER CLOSETS IN SUCH STALLS SHALL COMPLY WITH 4.16.

SECTION 4225 - URINALS
A. IF URINALS ARE PROVIDED, THEN AT LEAST ONE SHALL COMPLY WITH 4.18.

SECTION 4226 - 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 4227 - 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).

SECTION 423 - BATHROOMS, BATHING FACILITIES, AND SHOWER ROOMS
SECTION 423.8 - BATHING AND SHOWER FACILITIES
A. IF TUBS AND SHOWERS ARE PROVIDED, THEN AT LEAST ONE ACCESSIBLE TUB THAT COMPLES WITH 4.20 OR AT LEAST ONE ACCESSIBLE SHOWER THAT COMPLES WITH 4.21 SHALL BE PROVIDED.

4.24 - SINKS

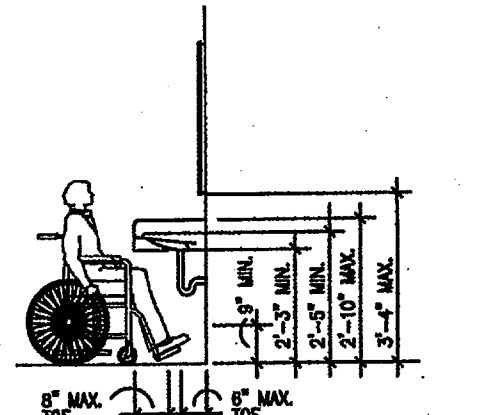
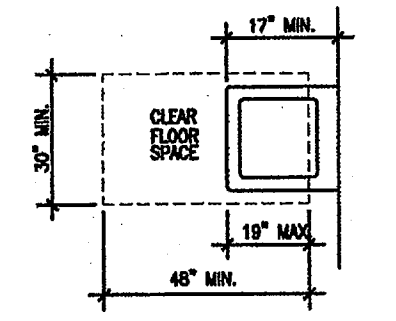
SECTION 4242 - HEIGHT (REFERENCE DETAIL 12.51)
A. SINKS SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR.

SECTION 4243 - KNEE CLEARANCE (REFERENCE DETAIL 12.52)
A. KNEE CLEARANCE OF 27" HIGH MINIMUM, 30" WIDE MINIMUM, AND 19" DEEP MINIMUM SHALL BE PROVIDED UNDERNEATH SINKS.

SECTION 4244 - DEPTH
A. EACH SINK SHALL BE A MAXIMUM OF 6-1/2" DEEP.

SECTION 4246 - EXPOSED PIPES AND SURFACES
A. HOT WATER AND DRAIN PIPES UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT.
B. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDES SINKS.

SECTION 4247, 4274 - FAUCETS
A. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.
B. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.
C. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS.
D. IF SELF-CLOSING VALVES ARE USED THE FAUCET SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.



4.25 - STORAGE

SECTION 4251 - DEPTH (REFERENCE DETAIL 14.5 & 14.6)
A. STORAGE AREAS MAY BE 36" IN DEPTH OR LESS. IF MORE THAN 36" IN DEPTH THEN AREA MUST ALLOW 60" DIAMETER OF CLEAR FLOOR SPACE FOR TURNING.

SECTION 4252 - CLEAR FLOOR SPACE
A. A CLEAR FLOOR SPACE AT LEAST 30" BY 48" COMPLYING WITH 4.2.4, THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES.

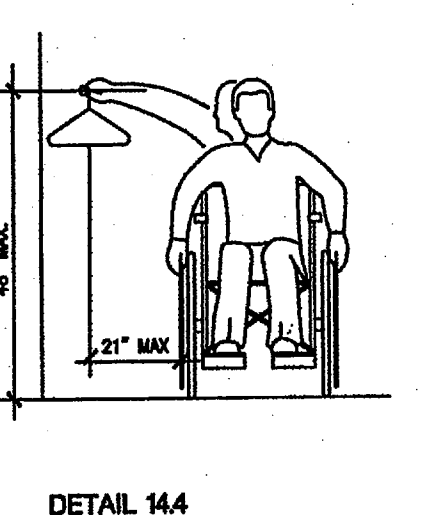
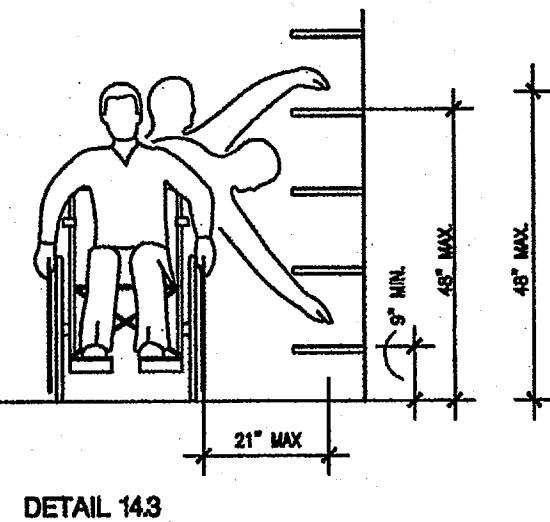
SECTION 4253 - HEIGHT (REFERENCE DETAIL 14.3 AND 14.4)
A. WHERE A FORWARD REACH IS REQUIRED, ACCESSIBLE STORAGE SPACES SHALL BE 48" MAXIMUM AND 15" MINIMUM ABOVE FLOOR. IF THE FORWARD REACH IS OVER AN OBSTRUCTION (WITH KNEE SPACE EQUAL TO OR GREATER THAN REACH DISTANCE) 20"-25" DEEP, THE MAXIMUM HEIGHT SHALL BE 44"; IF THE OBSTRUCTION IS LESS THAN 20", MAXIMUM HEIGHT SHALL BE 48".
B. WHERE A SIDE REACH IS PROVIDED, ACCESSIBLE STORAGE SPACES SHALL BE 54" MAXIMUM AND 9" MINIMUM ABOVE FLOOR. MAXIMUM HEIGHT SHALL BE 46" FOR SIDE REACH OVER AN OBSTRUCTION 34" MAXIMUM HIGH AND 24" MAXIMUM DEEP.
C. CLOTHES RODS OR SHELVES SHALL BE A MAXIMUM 84" ABOVE FLOOR WHERE A SIDE REACH IS REQUIRED.
D. WHERE THE DISTANCE FROM THE WHEELCHAIR TO THE CLOTHES ROD OR SHELF EXCEEDS 10" (AS AT CLOSETS WITH INACCESSIBLE DOORS) THE FOLLOWING CRITERIA SHALL BE MET:
1. SHELVES REACH: 21" MAXIMUM; HEIGHT: 48" MAXIMUM, 9" MINIMUM.
2. CLOTHES RODS: REACH 21" MAXIMUM; HEIGHT: 48" MAXIMUM.

SECTION 4254, 4274 - HARDWARE
A. HARDWARE FOR ACCESSIBLE STORAGE FACILITIES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT CLASPING, PINCHING, OR TWISTING OF THE WRIST.
B. THE FORCE REQUIRED TO ACTIVATE THE HARDWARE SHALL BE NO GREATER THAN 5 LBF.

4.26 - GRAB BARS

SECTION 4262 - SIZE AND SPACING
A. DIAMETER OR WIDTH OF GRIPPING SURFACE SHALL BE 1-1/4" TO 1-1/2", OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.
1. THE SPACE BETWEEN GRAB BARS AND ADJACENT WALLS SHALL BE 1-1/2".

SECTION 4263 - STRUCTURAL STRENGTH
A. GRAB BARS AND MOUNTING DEVICES SHALL MEET THE FOLLOWING REQUIREMENTS:
1. BENDING STRESS INDUCED BY MAXIMUM BENDING MOMENT FROM APPLICATION OF 250 LBF SHALL BE LESS THAN ALLOWABLE STRESS FOR MATERIAL USED.
2. SHEAR STRESS INDUCED BY APPLICATION OF 250 LBF SHALL BE LESS THAN ALLOWABLE SHEAR STRESS FOR MATERIAL USED. IF CONNECTION BETWEEN GRAB BAR AND MOUNTING BRACKET IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL BE TOTALED FOR THE COMBINED SHEAR STRESS, WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
3. SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM APPLICATION OF 250 LBF SHALL BE LESS THAN ALLOWABLE FASTENER LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER IS THE SMALLER ALLOWABLE LOAD.
4. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 LBF PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND THE SUPPORTING STRUCTURE.
5. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.



4.26 - GRAB BARS, CONTINUED

SECTION 4264 - ELIMINATING HAZARDS
A. GRAB BARS AND ADJACENT WALL SURFACES SHALL BE FREE OF SHARP OR ABRASIVE SURFACES.
B. EDGES SHALL HAVE A RADIUS OF 1/8" MINIMUM.

SECTION 427 - CONTROLS AND OPERATING MECHANISMS
SECTION 427.2 - CLEAR FLOOR SPACE
A. CLEAR FLOOR SPACE COMPLYING WITH 4.2.4 THAT ALLOWS A FORWARD OR A PARALLEL APPROACH BY A PERSON USING WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT. CONTROLS AND OPERATING MECHANISMS LOCATED IN ALCOVES DEEPER THAN 24" REQUIRE ADDITIONAL MANEUVERING AREA.

SECTION 427.3 - HEIGHT (REFER TO DETAIL 16.3)
A. FRONT APPROACH - 48" MAX TO 15" MIN.
B. SIDE APPROACH - 54" MAX TO 19" MIN, EXCEPT PER BELOW.
C. ELECTRICAL & COMMUNICATION SYSTEM RECEPTACLES SHALL BE MOUNTED NO LESS THAN 15" ABOVE THE FLOOR.

4.28 - ALARMS

SECTION 428.1 - 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 428.2 - AUDIBLE ALARMS
A. IF PROVIDED, AUDIBLE ALARMS SHALL PRODUCE A SOUND THAT EXCEEDS THE PREWALLING EQUIPMENT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST 15 DBA OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 6 SECONDS BY 5 DBA, WHICHEVER IS LOUDER.
B. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 DBA.

SECTION 428.3 - VISUAL ALARMS
A. VISUAL ALARM SIGNAL APPLICANCES SHALL BE INTEGRATED INTO THE BUILDING OR FACILITY ALARM SYSTEM. IF SINGLE STATION AUDIBLE ALARMS ARE PROVIDED THEN SINGLE STATION VISUAL ALARM SIGNALS SHALL BE PROVIDED.
VISUAL ALARM APPLICANCES SHALL HAVE THE FOLLOWING FEATURES:
1. THE LAMP SHALL BE A NEON STORAGE TYPE OR EQUIVALENT.
2. THE COLOR SHALL BE CLEAR OR NOMINAL WHITE (I.E. UNFILTERED OR CLEAR FILTERED WHITE LIGHT).
3. THE MAXIMUM PULSE DURATION SHALL BE TWO-TENTHS OF ONE SECOND WITH A MAXIMUM DUTY CYCLE OF 40%. (THE PULSE DURATION IS DEFINED AS THE TIME INTERVAL BETWEEN INITIAL AND FINAL POINTS OF 10% OF MAX. SIGNAL).
4. THE INTENSITY SHALL BE A MINIMUM OF 75 CANDELA.
5. THE FLASH RATE SHALL BE A MINIMUM OF 1 HZ AND A MAXIMUM OF 3 HZ.
6. THE APPLICANCE SHALL BE PLACED 80" ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6" BELOW THE CEILING, WHICHEVER IS LOWER.
7. IN GENERAL, NO PLACE IN ANY ROOM OR SPACE SHALL BE MORE THAN 50' FROM THE SIGNAL (MEASURED IN A HORIZONTAL PLANE).
8. IN LARGE ROOMS AND SPACES EXCEEDING 110' ACROSS, WITHOUT ABSORPTIONS 6' ABOVE THE FINISHED FLOOR, SUCH AS AUDITORIUMS, DEVICES MAY BE PLACED AROUND THE PERIMETER, SPACED A MAXIMUM 100' APART, IN LIEU OF SUSPENDING APPLANCES FROM THE CEILING.
9. NO PLACE IN COMMON CORRIDORS OR HALLWAYS SHALL BE MORE THAN 50' FROM THE SIGNAL.

4.30 - SIGNAGE

SECTION 412(7), 413 (16)(a) - WHERE APPLICABLE
A. SIGNS WHICH DESIGNATE PERMANENT ROOMS AND SPACES SHALL COMPLY WITH THE REQUIREMENTS LISTED BELOW:
1. RAISED AND BRILLE CHARACTERS, AND PICTOGRAMS.
2. FINISH AND CONTRAST
3. MOUNTING LOCATION AND HEIGHT

SECTION 412(7), 413 (16)(b) - WHERE APPLICABLE
A. SIGNS WHICH PROVIDE DIRECTION TO, OR INFORMATION ABOUT, FUNCTIONAL SPACES OF THE BUILDING SHALL COMPLY WITH THE REQUIREMENTS LISTED BELOW:
1. CHARACTER PROPORTION
2. CHARACTER HEIGHT
3. FINISH AND CONTRAST
EXCEPTION: BUILDING DIRECTORIES, MENUS, AND ALL OTHER SIGNS WHICH ARE TEMPORARY ARE NOT REQUIRED TO COMPLY.

SECTION 412(7) - WHERE APPLICABLE
A. ELEMENT AND SPACES OF ACCESSIBLE FACILITIES WHICH SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY ARE:
1. PARKING SPACES DESIGNATED AS RESERVED FOR PERSONS WITH DISABILITIES.
2. ACCESSIBLE PASSENGER LOADING ZONES.
3. ACCESSIBLE ENTRANCES WHEN NOT ALL ARE ACCESSIBLE (INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNAGE TO INDICATE ROUTE TO NEAREST ACCESSIBLE ENTRANCE).
4. ACCESSIBLE TOILET AND BATHING FACILITIES WHEN NOT ALL ARE ACCESSIBLE.

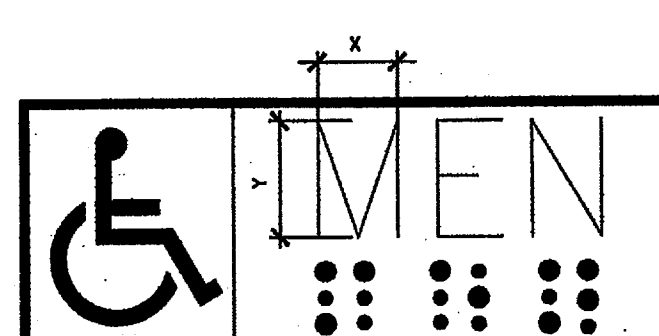
SECTION 430.2 - CHARACTER PROPORTION (REFERENCE DETAIL 16.2)
A. LETTER AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1, AND A STROKE-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10.

SECTION 430.3 - OVERHEAD SIGNS
A. CHARACTERS AND NUMBERS ON OVERHEAD SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ.
1. FOR SIGNS HIGHER THAN 80" ABOVE THE FINISHED FLOOR, CHARACTER SIZE SHALL BE 3" MINIMUM.
2. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X.
3. LOWER CASE LETTERS ARE PERMITTED.

SECTION 430.4 - RAISED AND BRILLE CHARACTERS AND PICTOGRAMS
A. LETTER AND NUMERALS SHALL BE RAISED 1/32", UPPER CASE, SANS SERIF AND SHALL BE ACCOMPANIED BY GRADE 2 BRILLE.
1. RAISED CHARACTER HEIGHT: 5/8" MINIMUM, 2" HIGH MAXIMUM.
2. PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM.
3. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6" MINIMUM.



INTERNATIONAL SYMBOL OF ACCESSIBILITY
DETAIL 16.1



LETTER & NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO OF BETWEEN 3:5 & 1:1 AND A STROKE - WIDTH TO HEIGHT RATIO BETWEEN 1:5 & 1:10. LETTERS AND NUMBERS SHALL BE RAISED 1/32", UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2"

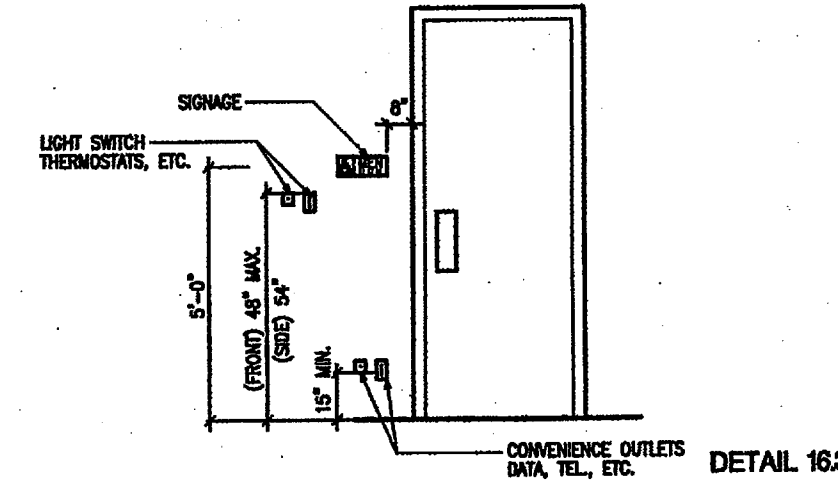
DETAIL 16.2

SECTION 430.5 - FINISH AND CONTRAST

A. THE CHARACTER AND BACKGROUND OF THE SIGNS SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE 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 430.6 - 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.
B. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE-LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL.
C. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN.
D. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3' OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

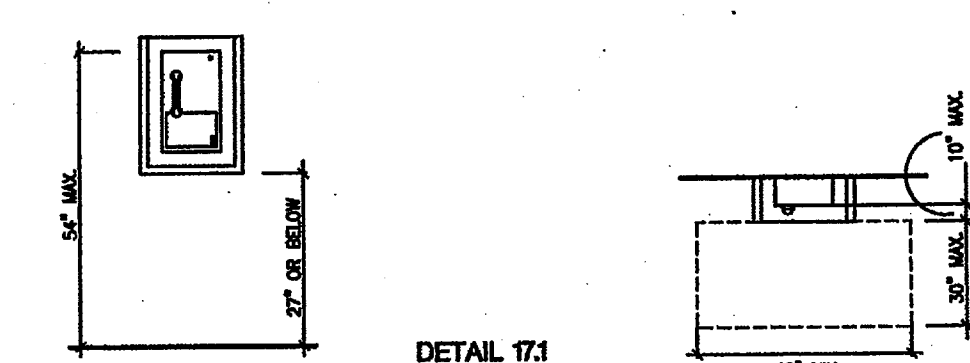


4.31 - PUBLIC TELEPHONES

SECTION 413(17)(a) - WHERE APPLICABLE
A. IF PUBLIC PAY TELEPHONES, PUBLIC CLOSED CIRCUIT TELEPHONES, OR OTHER PUBLIC TELEPHONES ARE PROVIDED, THEN THEY SHALL COMPLY WITH THIS SECTION IN THE QUANTITIES BELOW:
1. IF ONE OR MORE SINGLE UNITS OF A TYPE OF PUBLIC TELEPHONE IS PROVIDED ON A FLOOR, THEN AT LEAST ONE OF THOSE PHONES SHALL COMPLY WITH THIS SECTION.
2. IF ONE BANK (DEFINED AS TWO OR MORE ADJACENT PUBLIC TELEPHONES, OFTEN INSTALLED AS A UNIT) OF A TYPE OF TELEPHONE IS PROVIDED ON A FLOOR, THEN AT LEAST ONE OF THE TELEPHONES AT THE BANK SHALL COMPLY WITH THIS SECTION.
3. IF TWO OR MORE BANKS OF A TYPE OF PUBLIC TELEPHONE ARE PROVIDED ON A FLOOR, THEN AT LEAST ONE TELEPHONE PER BANK SHALL COMPLY WITH THIS SECTION. THE ACCESSIBLE UNIT MAY BE INSTALLED AS A SINGLE UNIT IN PROXIMITY (EITHER VISIBLE OR WITH SIGNAGE) TO THE BANK. AT LEAST ONE PUBLIC TELEPHONE PER FLOOR SHALL MEET THE REQUIREMENTS FOR A FORWARD REACH TELEPHONE.
4. ADDITIONAL PUBLIC TELEPHONES MAY BE INSTALLED AT ANY HEIGHT.
B. UNLESS OTHERWISE SPECIFIED, ACCESSIBLE TELEPHONES MAY BE EITHER FORWARD OR SIDE REACH TELEPHONES.

SECTION 413(17)(b) - WHERE APPLICABLE
A. ALL TELEPHONES REQUIRED TO BE ACCESSIBLE SHALL BE EQUIPPED WITH A VOLUME CONTROL.
B. IN ADDITION, 20% BUT NEVER LESS THAN ONE OF ALL OTHER PUBLIC TELEPHONES 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.
C. SIGNAGE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LESS SHALL BE PROVIDED AT EACH TELEPHONE EQUIPPED WITH A VOLUME CONTROL.

SECTION 413.9 - MOUNTING HEIGHT (REFERENCE DETAIL 17.1)
A. THE HIGHEST OPERABLE 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.
B. IF THE FORWARD REACH IS OVER AN OBSTRUCTION (WITH KNEE SPACE EQUAL TO OR GREATER THAN REACH DISTANCE) 20"-25" DEEP THE MAXIMUM HEIGHT SHALL BE 44"; IF THE OBSTRUCTION IS LESS THAN 20", MAXIMUM HEIGHT SHALL BE 48".
C. MAXIMUM HEIGHT SHALL BE 46" FOR SIDE REACH OVER AN OBSTRUCTION 34" MAXIMUM HIGH AND 24" MAXIMUM DEEP.



4.32 - SEATING AND TABLES

SECTION 432.2 - 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 KNEE SPACE BY MORE THAN 19".

SECTION 432.3 - KNEE SPACE
B. IF SEATING SPACES FOR PEOPLE IN WHEELCHAIRS ARE PROVIDED AT FIXED TABLES OR COUNTERS, KNEE SPACE AT LEAST 27" HIGH, 30" WIDE AND 19" DEEP SHALL BE PROVIDED.

SECTION 432.4 - HEIGHT OF TABLES OR COUNTER
B. THE TOPS OF ACCESSIBLE TABLES AND COUNTERS SHALL BE 28" MINIMUM, AND 34" MAXIMUM, ABOVE THE FINISHED FLOOR.

4.33 - AUTOMATIC TELLER MACHINES

SECTION 434.2 - CLEAR FLOOR SPACE
A. FLOOR SPACE SHALL COMPLY WITH 4.2.4 TO ALLOW A FORWARD, PARALLEL APPROACH OR BOTH.

SECTION 434.3 - REACH RANGES
A. FORWARD APPROACH ONLY: CONTROLS WITHIN FORWARD APPROACH SPECIFIED IN 4.2.5.
B. PARALLEL APPROACH: CONTROLS WITHIN UNOBSTRUCTED REACH RANGE FROM CLEAR FLOOR SPACE AT PROTRUSION OF TELLER MACHINE SURROUND PER TABLE AS FOLLOWS:

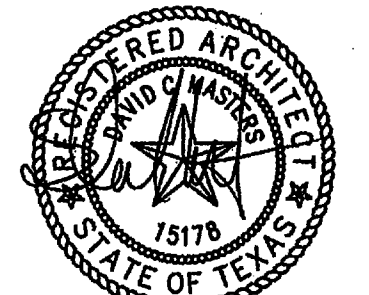
REACH DEPTH	MAX. HEIGHT	REACH DEPTH	MAX. HEIGHT	REACH DEPTH	MAX. HEIGHT
IN INCHES	IN INCHES	IN INCHES	IN INCHES	IN INCHES	IN INCHES
10 OR LESS	54	15	61	20	48 -1/2
11	53 -1/2	16	50 -1/2	21	47 -1/2
12	53	17	50	22	47
13	52 -1/2	18	49 -1/2	23	46 -1/2
14	51 -1/2	19	49	24	46

NOTE DOES NOT APPLY TO DRIVE-UP MACHINES

4.35 - DRESSING AND FITTING ROOMS

SECTION 435.4 - 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 FINISHED FLOOR.

SECTION 435.5 - MIRROR
A. A FULL-LENGTH MIRROR, MEASURING AT LEAST 18" WIDE BY 54" HIGH, SHALL BE MOUNTED IN A POSITION AFFORDING A VIEW TO A PERSON ON THE BENCH AS WELL AS TO A PERSON IN A STANDING POSITION.



02/09/09

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