AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING AND LOADING ZONES, AND PUBLIC STREETS OR SIDEWALKS TO THE ACCESSIBLE BUILDING

A. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36" EXCEPT AT DOORS.

A. IF AN ACCESSIBLE ROUTE IS LESS THAN 60" IN WIDTH, THEN PASSING SPACES OF AT LEAST 60" X 60" SHALL BE PROVIDED AT 200' MAX. SPACING.

# SECTION 4.3.5 - HEAD ROOM

A. ACCESSIBLE ROUTES SHALL HAVE 80" MIN. CLEAR HEAD ROOM.

### SECTION 4.3.7 - SLOPE

A. RUNNING SLOPE SHALL NOT EXCEEDS 1:20 (IF SLOPE EXCEED 1:20, REFER TO SECTION 4.8)

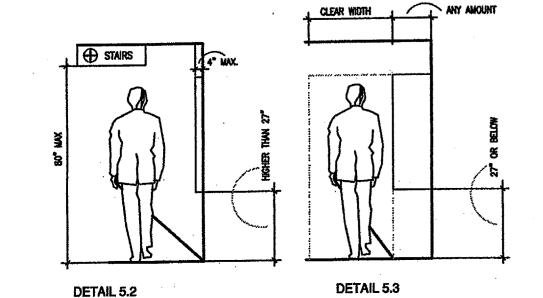
### B. CROSS SLOPE SHALL NOT EXCEED 1:50

### 4.4 - PROTRUDING OBJECTS

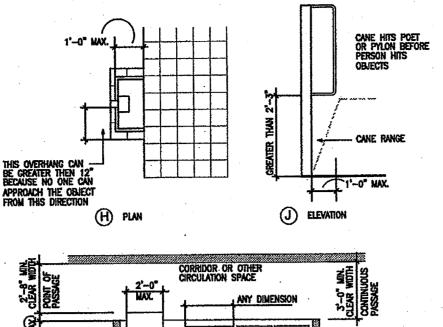
( REFER DETAILS 5.2 & 5.3)

# SECTION 4.4.1 - GENERAL

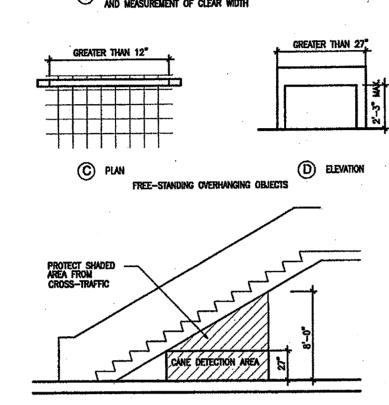
OBJECTS PROJECTING FROM WALLS (FOR EXAMPLE, TELEPHONES) WITH THEIR LEADING EDGES BETWEEN 274 - 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" IN TO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27" ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12" MAXIMUM FROM 27"-80" ABOVE THE GROUND OR FINISHED FLOOR. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.



#### 4.4 - PROTRUDING OBJECTS, CONTINUED



# G EXAMPLE OF PROTECTION AROUND WALL—MOUNTED OBJECTS AND MEASUREMENT OF CLEAR WIDTH

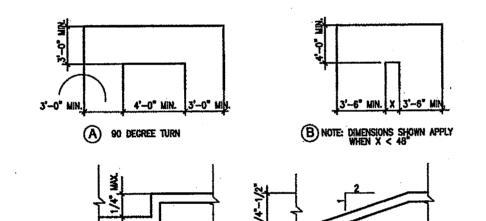


#### 4.5 - GROUND AND FLOOR SURFACES

#### SECTION 4.5.2 - CHANGES IN LEVEL (REFER TO DETAIL 5.1)

A. CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. B. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

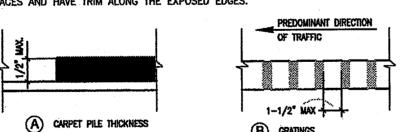
(F) OVERHEAD HAZARDS



# DETAIL 5.1

### **SECTION 4.5.3 - CARPET**

A CARPET PROVIDED ON A FLOOR SURFACE SHALL BE SECURELY ATTACHED; HAVE A FIRM PAD OR BACKING, OR NO PAD: AND HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. MAXIMUM PILE THICKNESS SHALL BE 1/2". EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG THE EXPOSED EDGES.



A. IF GRATINGS ARE LOCATED IN WALKING SURFACES OR ALONG ACCESSIBLE ROUTES, THEN THEY SHALL HAVE SPACES NO GREATER THAN 1/2" WIDE IN ONE DIRECTION.

# IF GRATINGS HAVE ELONGATED OPENING, THEN THEY SHALL BE PLACE SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

# 4.6 - PARKING AND PASSENGER LOADING ZONES

### **SECTION 4.6.3 - PARKING SPACES**

A. ACCESSIBLE PARKING SHALL BE AT LEAST 96" WIDE.

B. PARKING ACCESS AISLES SHALL BE 60" WIDE. VAN ACCESSIBLE ACCESS SHALL BE 96" WIDE.

#### C. SURFACE SLOPE SHALL NOT EXCEED 1:50 (29 DEGREE) IN ALL DIRECTIONS. SECTION 4.6.4 - SIGNAGE

A. CHARACTERS AND SYMBOLS ON SUCH SIGNS SHALL BE LOCATED 80" MINIMUM ABOVE THE GROUND. B. SIGNAGE LOCATED WITHIN AN ACCESSIBLE ROUTE SHALL BE LOCATED 80" MIN. ABOVE THE WORKING

### SECTION 4.6.5 - VERTICAL CLEARANCE

A. PROVIDE MINIMUM VERTICAL CLEARANCE OF 114" AT ACCESSIBLE PASSENGER LOADING ZONES AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE FROM SITE ENTRANCES AND EXITS. SECTION 4.6.6 - PASSENGER LOADING ZONE

PASSAGER LOADING ZONES SHALL PROVIDE AN ACCESS AISLE AT LEAST 60" WIDE AND 20' LONG ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE. IF THERE ARE CURBS BETWEEN THE ACCESS AISLE AND THE VEHICLE PULL-UP SPACE, THEN A CURB RAMP COMPLYING WITH 4.7 SHALL BE PROVIDED. VEHICLE STANDING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPE NOT EXCEEDING 1:50 IN

### 4.7 - CURB RAMPS

### SECTION 4.7.2 - SLOPE (REFERENCE DETAIL 3.1)

A. SLOPE OF CURB RAMPS SHALL COMPLY WITH 4.8.2.

B. MAXIMUM SLOPE OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20.

#### 4.7 - CURB RAMPS, CONTINUED

SECTION 4.7.3 - WIDTH (REFERENCE DETAIL 3.1)

A. THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 36", EXCLUSIVE OF FLARED SIDES. SECTION 4.7.5 - SIDES OF CURB RAMPS (REFERENCE DETAIL 3.1)

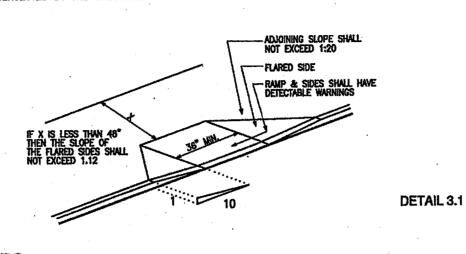
A. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES; THE MAXIMUM SLOPE OF THE

#### SECTION 4.7.10 - DIAGONAL CURB RAMPS

A. IF DIAGONAL CURB RAMPS HAVE RETURNED CURB OR OTHER WELL-DEFINED EDGES, SUCH EDGES SHALL BE PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS ARE PROVIDED AT MARK CROSSINGS, THE 48" CLEAR SPACE SHALL BE WITHIN THE MARKINGS. IF DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL ALSO HAVE AT LEAST A 24" LONG SEGMENT OF STRAIGHT CURB LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.

#### SECTION 4.7.11 - ISLANDS

A ANY RAISED ISLAND IN CROSSING SHALL BE CUT THROUGH LEVEL WITH THE STREET OR CURB RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 48" LONG BETWEEN THE CURB RAMPS IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS.



#### 4.8 - RAMPS

#### **SECTION 4.8.1 - GENERAL**

- A. ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMF AND SHALL COMPLY WITH 4.8. **SECTION 4.8.2 - SLOPE AND RISE**
- A. THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1"12. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30". SECTION 4.8.3 - CLEAR WIDTH
- A. THE MINIMUM CLEAR WIDTH OF A RAMP 30 FT OR LESS IN LENGTH SHALL BE 36". RAMPS MORE THAN 30 FT. IN LENGTH SHALL HAVE A MINIMUM CLEAR WIDTH OF 44".
- A. LEVEL LANDING REQUIRED AT TOP AND BOTTOM OF EACH RUN, WITH THE FOLLOWING FEATURES:
- 1. MINIMUM WIDTH: EQUAL TO WIDTH OF RAMP 2. LENGTH: MINIMUM 60" CLEAR
- SECTION 4.8.5 HANDRAILS
- A. HEIGHT: 34-38" ABOVE RAMP SURFACE.
- B. THE SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 1 1/2".

#### **4.9 - STAIRS**

#### SECTION 4.9.2 - TREADS AND RISERS

- A. ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND TREAD WIDTHS.
  - MINIMUM TREAD DEPTH SHALL BE 11", MEASURED FROM RISER TO RISER (NOT including nosing).
- 2. OPEN RISERS ARE NOT PERMITTED.

#### **SECTION 4.9.4 - HANDRAILS**

- ONE TREAD BEYOND THE BOTTOM RISER. AT THE TOP, THE EXTENSION SHALL BE PARALLEL TO THE FLOOR. AT THE BOTTOM, THE HANDRAIL SHALL CONTINUE TO SLOPE FOR A DISTANCE OF ONE TREAD WIDTH (11"); THE REMAINING EXTENSION SHALL BE HORIZONTAL.
- B. HEIGHT: 34-38", MEASURED FROM THE STAIR NOSING.

## 4.10 - ELEVATORS

SECTION 4.10.3 - HALL CALL BUTTONS

#### A. SHALL BE CENTERED 42" ABOVE FLOOR. SECTION 4.10.4 - HALL LANTERNS

A. VISIBLE SIGNAL SHALL HAVE THE FOLLOWING FEATURES:

FIXTURES SHALL BE MOUNTED WITH CENTERLINE AT LEAST 72" ABOVE THE LOBBY

2. VISUAL ELEMENTS SHALL BE AT LEAST 2 1/2" IN THE SMALLEST DIMENSION.

SECTION 4.10.5 - RAISED AND BRAILLE CHARACTERS ON HOISTWAY ENTRANCES A. ALL ELEVATOR HOISTWAY ENTRANCES SHALL HAVE RAISED AND BRAILLE FLOOR NO. DESIGNATIONS PROVIDED ON BOTH JAMBS. CENTERLINE OF THE CHARACTERS SHALL BE 60" ABOVE THE FLOOR. CHARACTERS

### SECTION 4.10.6 - DOOR PROTECTIVE AND REOPENING DEVICE

ELEVATOR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY. THEY SHALL BE PROVIDED WITH A REOPENING DEVICE THAT WILL STOP AND REOPEN A CAR DOOR AND HOISTWAY DOOR AUTOMATICALLY IF THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON.

# SECTION 4.10.12 - CAR CONTROLS

A. ALL FLOOR BUTTONS SHALL BE: ALL CONTROL BUTTONS SHALL BE AT LEAST 3/4" IN THEIR SMALLEST DIMENSION.

HEY SHALL BE FLUSH OR RAISED. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY BRAILLE AND BY RAISED STANDARD ALPHABET CHARACTERS FOR LETTERS, ARABIC CHARACTERS FOR NUMERALS. THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A RAISED STAR AT THE LEFT OF THE FLOOR DESIGNATION.

3. MAXIMUM 54" ABOVE FLOOR WHERE SIDE APPROACH IS PROVIDED.

4. MAXIMUM 48" WHERE FORWARD APPROACH IS PROVIDED.

## B. EMERGENCY CONTROLS:

SHALL HAVE CENTERLINES 35" MINIMUM ABOVE FLOOR.

2. SHALL BE GROUPED AT BOTTOM OF PANEL.

## 4.11 - PLATFORM LIFTS

SECTION 4.11.2, 4.27.3 - OTHER REQUIREMENTS CONTROLS AND OPERATING SYSTEMS A. HEIGHT PERMITTED:

CONTROLS AND OPERATING MECHANISMS SHALL BE LOCATED FOR EITHER A FORWARD OR SIDE APPROACH FROM ANY DIRECTION OF TRAVEL. THEY SHALL BE LOCATED 28" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR. THEY SHALL BE OPERABLE WITH ONE HAND. THERE SHALL BE AT LEAST ONE HANDRAIL COMPLYING WHEEL STOPS AND GUARDRAILS SHALL BE PROVIDED WHERE NECESSARY.

### 4.13 - DOORS

### SECTION 4.13.4 - DOUBLE LEAF DOORWAYS

A. DOORWAYS WITH TWO INDEPENDENTLY OPERATED LEAVES SHALL HAVE AT LEAST ONE LEAF THAT MEETS THE REQUIREMENTS IN 4.13.5 AND 4.13.6. SECTION 4.13.5 - CLEAR WIDTH

#### A. DOORWAYS SHALL PROVIDE A CLEAR OPENING OF 32" MINIMUM, WITH THE DOOR OPEN 90". CLEAR OPENING SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND

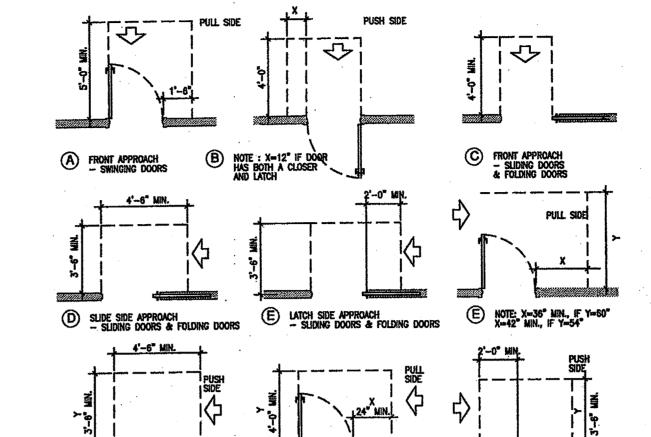
2. OPENINGS MORE THAN 24" IN DEPTH SHALL PROVIDE A CLEAR OPENING OF 36" EXCEPTION: DOORS NOT REQUIRING FULL USER PASSAGE, SUCH AS SHALLOW CLOSETS, SHALL HAVE A CLEAR OPENING OF 20" MINIMUM.

## 4.13 - DOORS, CONTINUED

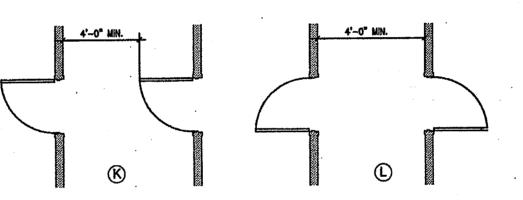
SECTION 4.13.6 - MANEUVERING CLEARANCE AT DOORS PROVIDE LEVEL AND CLEAR MANEUVERING AREA AT DOORS AS FOLLOWS: FRONT APPROACH PULL SIDE - 18" MINIMUM BESIDE STRIKE EDGE.

FRONT APPROACH PUSH SIDE - 0" BESIDE STRIKE EDGE 12" IF DOOR HAS BOTH A CLOSER AND A LATCH - 60" MINIMUM WIDTH; 36 MINIMUM BESIDE STRIKE EDGE HINGE SIDE APPROACH PULL SIDE → 42° MINIMIIM WIDTH

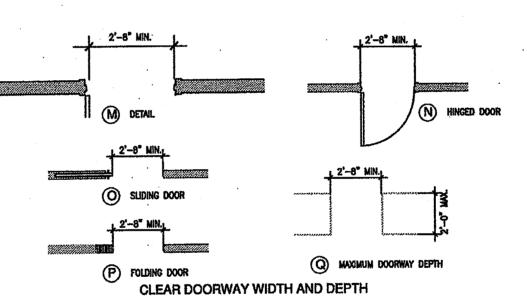
48" MINIMUM WIDTH IF DOOR HAS BOTH A CLOSER AND LATCH. - 48" MINIMUM WIDTH AND 24" MINIMUM BESIDE STRIKE EDGE LATCH SIDE APPROACH PULL SIDE 54" MINIMUM WIDTH IF DOOR HAS CLOSER. - 42" MINIMUM WIDTH AND 24" MINIMUM BESIDE STRIKE EDGE LATCH SIDE APPROACH PUSH SIDE - 48" MINIMUM WIDTH IF DOOR HAS CLOSER.



LATCH SIDE APPROACH - SWINGING DOORS NOTE: ALL DOORS IN ABOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES. MANEUVERING CLEARANCES AT DOORS



TWO HINGED DOORS IN SERIES



### SECTION 4.13.8 - THRESHOLD AT DOORWAYS

A. MAXIMUM THRESHOLD HEIGHT: 1/2" (3/4" AT EXTERIOR SLIDING DOORS) RAISED THRESHOLDS AND FLOOR LEVEL CHANGES SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

SECTION 4.13.9 - DOOR HARDWARE A. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND & DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE

1. LEVER - OPERATED MECHANISMS, PUSH - TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE IN DESIGNS.

2. WHEN SLIDING DOOR ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED

AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48"

### SECTION 4.13.10 - DOOR CLOSERS

ABOVE FINISHED FLOOR.

A. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREE, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

## SECTION 4.13.11 - DOOR OPENING FORCE

A. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:

#### 1. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.

OTHER DOORS

 EXTERIOR HINGED DOORS: NO REQUIREMENT. b. INTERIOR HINGED DOORS: 5.0 LBF.

C. SLIDING OR FOLDING DOORS: 5.0 LBF. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.

# 4.15 - DRINKING FOUNTAINS

## SECTION 4.15.2 - SPOUT HEIGHT (REFERENCE DETAIL 11.1)

A. SPOUT SHALL BE NO HIGHER THAN 36", MEASURED FROM THE FLOOR OR GROUND SURFACE OF THE UNIT. SECTION 4.15.3 - SPOUT LOCATION

A. SPOUT SHALL BE LOCATED AT THE FRONT OF THE UNIT AND SHALL DIRECT THE WATER FLOW IN A TRAJECTORY THAT IS PARALLEL OR NEARLY PARALLEL TO THE FRONT OF THE UNIT. 1. THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4" HIGH.

2. IF THE FOUNTAIN HAS A ROUND OR OVAL BOWL, THE SPOUT MUST BE POSITIONED SO THE FLOW OF WATER IS WITHIN 3" OF THE FRONT EDGE OF THE FOUNTAIN. SECTION 4.15.4 - CONTROLS

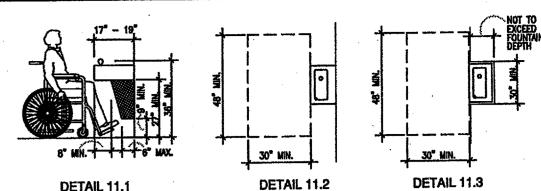
SECTION 4.15.5 - CLEARANCES (REFERENCE DETAIL 11.1) A. WALL AND POST MOUNTED CANTILEVER FOUNTAINS SHALL HAVE CLEAR KNEE SPACE AS FOLLOWS: 1. MINIMUM 27" HIGH (FROM APRON BOTTOM TO FLOOR) MINIMUM 30" WIDE, AND

48" CLEAR FLOOR SPACE ALLOWING A PARALLEL APPROACH TO THE UNIT.

A. UNIT CONTROLS SHALL BE FRONT MOUNTED OR SIDE MOUNTED NEAR THE FRONT EDGE.

17"-19" DEEP. 2. A MINIMUM 30" BY 48" CLEAR FLOOR SPACE ALLOWING A FORWARD APPROACH TO B. FREE STANDING OR BUILT-IN UNITS NOT HAVING A CLEAR KNEE SPACE SHALL HAVE A MINIMUM 30" BY

## 4.15 - DRINKING FOUNTAINS, CONTINUED



DETAIL 11.1

#### SECTION 4.16.2 - CLEAR FLOOR SPACE

4.16 - WATER CLOSETS

A. CLEAR FLOOR SPACE FOR WATER CLOSETS NOT IN STALLS SHALL BE PROVIDED AS FOLLOWS: - 56" MINIMUM TO FRONT OF TOILET X 48" MINIMUM WIDE.

- 60" MINIMUM WIDE X 56" MINIMUM LONG.

#### 4.16 - WATER CLOSETS, CONTINUED

#### SECTION 4.16.3 - HEIGHT (REFERENCE DETAIL 12.1.1)

A. THE HEIGHT TO THE TOP OF THE TOILET SEAT SHALL BE 17"-19" ABOVE FLOOR.

1. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.

SECTION 4.16.4, 4.26 - GRAB BARS (REFERENCE DETAIL 12.1.1 AND 12.1.2) FOR WATER CLOSETS NOT LOCATED IN TOILET STALLS, THE FOLLOWING GRAB BARS SHALL BE PROVIDED,

2. BACK WALL: 36" LONG MINIMUM, 12" MINIMUM EACH SIDE OF WATER CLOSET CENTERLINE.

33"-36" ABOVE THE FINISH FLOOR: 1. SIDE WALL: 42" LONG MINIMUM, 12" FRONT BACK WALL.

REFER TO 4.26 GRAB BARS FOR SIZE AND STRUCTURAL ELEMENTS.

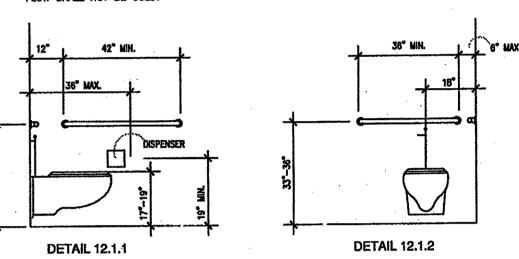
SECTION 4.16.5, 4.27.4 - FLUSH CONTROLS (REFERENCE DETAIL 12.1.2) A. CONTROLS SHALL BE 44" MAXIMUM ABOVE THE FINISH FLOOR.

CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET 2. CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC.

 CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. 4. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.

#### SECTION 4.16.6 - DISPENSERS (REFERENCE DETAIL 12.1.1) A. TOILET PAPER DISPENSERS SHALL BE INSTALLED ON THE SIDE WALL, A MINIMUM 19" ABOVE THE FLOOR,

AND A MAXIMUM 36" FROM THE REAR WALL. DISPENSERS THAT CONTROLS DELIVERY OR DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.



### 4.17 - TOILET STALLS

# SECTION 4,22.4 - WHERE APPLICABLE

A. IF TOILET STALLS ARE PROVIDE IN A TOILET ROOM OR BATHROOM, THEN AT LEAST ONE SHALL BE A

"STANDARD" ACCESSIBLE TOILET STALL (FOR WHEELCHAIR USER) COMPLYING WITH THIS SECTION. B. IF 6 OR MORE TOILET STALLS ARE PROVIDED IN A TOILET ROOM OR BATHROOM IN ADDITION TO THE "STANDARD" ACCESSIBLE STALL REQUIRED; AN ADDITIONAL "ALTERNATE A" ACCESSIBLE STALL 36" WIDE (FOR AMBULATORY PERSONS WITH DISABILITIES) COMPLYING WITH THIS SECTION SHALL BE PROVIDED.

# C. ALTERATIONS/EXISTING CONDITIONS: IN ALTERATION WORK. WHERE PROVISION OF A "STANDARD" ACCESSIBLE STALL IS TECHNICALLY INFEASIBLE, OR WHERE PLUMBING CODE REQUIREMENTS PREVENT COMBINING EXISTING STALLS TO PROVIDE SPACE, EITHER "ALTERNATE" STALL (A OR B) COMPLYING WITH THIS SECTION MAY BE PROVIDED IN LIEU OF THE STANDARD STALL

SECTION 4.17.3 - SIZE AND ARRANGEMENT (REFERENCE DETAIL)

A. TOILET STALL MAY BE ARRANGED TO PROVIDE EITHER A LEFT OR A RIGHT HANDED APPROACH. ACCESSIBLE

IN CERTAIN ALTERATIONS)

TOILET STALLS SHALL HAVE THE FOLLOWING DIMENSIONS: 1. "STANDARD" ACCESSIBLE STALL 59" MINIMUM DEPTH, WITH FLOOR MOUNTED WATER CLOSET.

56" MINIMUM DEPTH, WITH WALL MOUNTED WATER CLOSET. DOOR: OUTWARD SWINGING (IF DOOR SWINGS INTO STALL, DEPTH SHALL BE

 "ALTERNATE A" ACCESSIBLE STALL (REQUIRED WHEN MORE THAN 6 STALLS PROVIDED, PERMITTED IN LIEU OF STANDARD STALL IN CERTAIN ALTERATIONS.) 69" MINIMUM DEPTH, WITH FLOOR MOUNTED WATER CLOSET. 66" MINIMUM DEPTH WITH WALL MOUNTED WATER CLOSET. DOOR: OUTWARD SWINGING.

3. "ALTERNATE B" ACCESSIBLE STALL (PERMITTED IN LIEU OF STANDARD STALL ONLY

48" MINIMUM WIDTH. 54" MINIMUM DEPTH. DOOR: OUTWARD SWINGING.

**DETAIL 12.2.1** 

# SECTION 4.17.4 - TOE CLEARANCES

A. IN "STANDARD" ACCESSIBLE STALLS, THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF AT LEAST 9" ABOVE THE FLOOR.

B. IF THE DEPTH OF THE STALL IS GREATER THAN 60", THE TOE CLEARANCE IS NOT REQUIRED. SECTION 4.17.5 - DOORS

A. TOILET STALL DOORS, INCLUDING HARDWARE, SHALL COMPLY WITH ELEMENT 10: DOORS

#### B. IF TOILET STALL APPROACH IS FROM THE LATCH SIDE OF THE STALL DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE STALL AND ANY OBSTRUCTION SHALL BE 42" MINIMUM. (THIS IS AN EXCEPTION FROM TYPICAL DOOR MANEUVERING CLEARANCES).

SECTION 4.17.6 - GRAB BARS (REFERENCE DETAILS 12.1.1, 12.1.2, AND 12.2.1) A. GRAB BARS MOUNTED 33"-36" ABOVE THE FLOOR, SHALL BE PROVIDED AS FOLLOWS:

1. "STANDARD" ACCESSIBLE STALL: ONE 40" SIDE WALL GRAB BAR (ON NEAR WALL)

AND ONE REAR WALL GRAB BAR. 2. "ALTERNATE A" ACCESSIBLE STALL: 42" SIDE WALL GRAB BAR EACH SIDE.

3. "ALTERNATE B" ACCESSIBLE STALL: ONE 42" SIDE WALL GRAB BAR (ON NEAR WALL); ONE REAR WALL GRAB BAR.

4. SIDE WALL GRAB BARS: MINIMUM LENGTH AS INDICATED, MOUNTED 12" MAXIMUM

5. REAR WALL GRAB BAR: MINIMUM LENGTH 36", 12" MINIMUM EACH SIDE OF WATER CLOSET CENTERLINE.

REFER TO 4.26 GRAB BARS FOR SIZE AND STRUCTURAL REQUIREMENTS.

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