ACCESSIBLE ROUTES

l General:

ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION (118-402).

Components:

ACCESSIBLE ROUTES SHALL CONSIST OF ONE OF MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, and PLATFORM LIFTS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THIS DIVISION.

2. Walking Surfaces:

WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THIS SECTION and SHALL COMPLY WITH THE GROUND & SURFACES ACCESSIBILTY REQUIREMENTS.

3. S ope:

THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48.

Exceptions

THE RUNNING SLOPE OF SIDEWALKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OF HIGHWAY.

4. Changes in Level:

CHANGES IN LEVEL SHALL COMPLY WITH SECTION (IB-303, REFER TO "CHANGES IN LEVEL" SHEET T1-2.3 OF THESE NOTES.

5. Clearances:

WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH SECTION 11B-403.5

Exceptions

WITHIN EMPLOYEE WORK AREAS, CLEARANCES ON COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREAGE IS ESSENTIAL TO THE FUNCTION OF THE WORK BEING PERFORMED.

6. Clear Width:

EXCEPT AS PROVIDED IN "CLEAR WIDTH at TURN" & "PASSING SPACES" SECTION OF THESE NOTES, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MINIMUM.

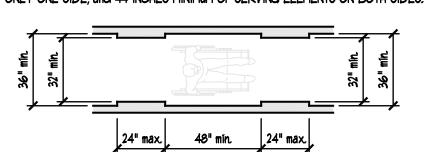
Exceptions

THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MINIMUM FOR A LENGTH OF 24 INCHES MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPERATED BY SEGMENTS THAT ARE 48 INCHES LONG MINIMUM and 36 INCHES WIDE

THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 or MORE SHALL BE 44 INCHES MINIMUM.

THE CLEAR WIDTH FOR SIDEWALKS and WALKS SHALL BE 48 INCHES MINIMUM. WHEN, BECAUSE OF RIGHT-OF-WAY RESTRICTIONS, NATURAL BARRIERS OF OTHER EXISTING CONDITIONS, THE ENFORCING AGENCY DETERMINES THAT COMPLIANCE WITH THE 48 INCHE CLEAR SIDEWALK WIDTH WOULD CREATE AN UNREASONABLE HARDSHIP, THE CLEAR WIDTH MAY BE REDUCED TO 36 INCHES.

THE CLEAR WIDTH FOR AISLES SHALL BE 36 INCHES MINIMUM IF SERVING ELEMENTS ON ONLY ONE SIDE, and 44 INCHES MINIMUM OF SERVING ELEMENTS ON BOTH SIDES.



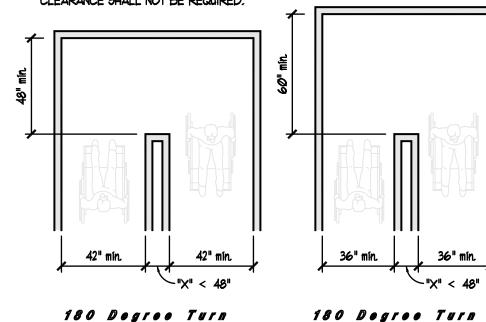
Clear Width of an Accessible Route

7. Clear Width at Turn:

WHERE THE ACCISSIBLE ROUTE MAKES A 1800 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES WIDE. CLEAR WIDTH SHALL BE 42 INCHES MINIMUM APPROACHING THE TURN, 48 INCHES MINIMUM AT THE TURN and 42 INCHES MINIMUM LEAVING THE TURN.

Exceptions

WHERE THE CLEAR WIDTH AT THE TURN IS 60 INCHES MINIMUM COMPLIANCE WITH THIS CLEARANCE SHALL NOT BE REQUIRED.



8. Passing Space:

AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 2000 FEET MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES MINIMUM BY 60 INCHES MINIMUM, or, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A "T" SHAPED SPACE (SEE T-SHAPED DETAIL SHEET T1-23) WHERE THE BASE and ARMS OF THE "T" SHAPED SPACE EXTENDS 48 INCHES MINIMUM BEYOND THE INTERSECTION.

Exception

9. Handraí sa

WHERE HANDRAILS ARE PROVIDED ALONG WALKING SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 THEY SHALL COMPLY WITH SECTION 1118-505.

10. Continuous Gradient:

ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE RESTING AREAS, 60 INCHES IN LENGTH, AT INTERVALS OF 4000 FEET MAXIMUM. THE RESTING AREA SHALL BE AT LEAST AS WIDE AS THE WALKS. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM.

11. Doors, Doorways, and Gates:

DOORS, DOORWAYS, and GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH SECTION (1B-404.

Exception:

DOORS, DOORWAYS, and GATES DESIGNED TO BE OPERATED ONLY BY SECURITY PERSONNEL SHALL NOT BE REQUIRED TO COMPLY WITH SECTIONS (1B-4042.7), 11B-404-28, 11B-40429, 11B-40432, and 11B-4043.4 THROUGH 11B-4043.7. A SIGN VISIBLE FROM THE APPROACHING SIDE COMPLYING WITH SECTION (1B-7035 SHALL BE POSTED STATING "ENTRY RESTRICTED and CONTROLLED BY SECURITY PERSONEL".

12. Manual Doors, Doorways, and Manual Gates:

MANUAL DOORS and DOORWAYS and MANUAL GATES INTENDED FOR USER PASSAGE SHALL COMPLY WITH SECTION 11B-4042.

B. Revolving Doors, Gates and Turnstiles:

REVOLVING DOORS, REVOLVING GATES, and TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE.

14. Clear Width:

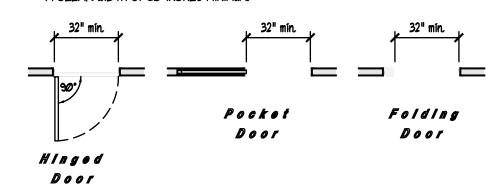
DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR and THE STOP, WITH THE DOOR OPEN 90 DEGREES, OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING. WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OF GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES and 80 INCHES ABOYE THE FINISH FLOOR OF GROUND SHALL NOT EXCEED 4 INCHES.

Exceptions

IN ALTERATIONS, A PROJECTION OF 5/8 INCH MAXIMUM INTO THE REGUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.

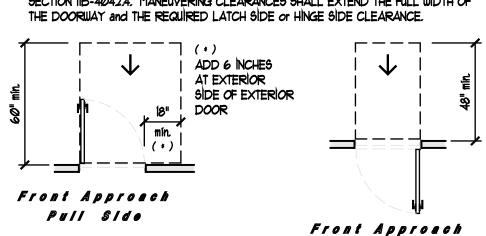
DOORS CLOSERS and DOOR STOPS SHALL BE PERMITTED TO BE 18 INCHES MINIMUM ABOVE THE FINISH FLOOR OF GROUND.

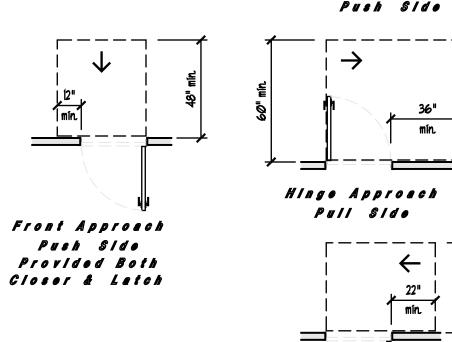
DOORS, DOORIJAYS, and GATES NOT PROVOING FULL USER PASSAGE SHALL PROVIDE A CLEAR WIDTH OF 20 INCHES MINIMUM.

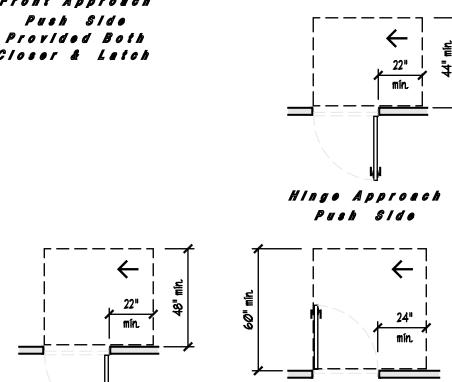


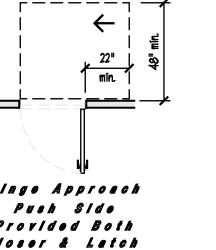
15. Maneuvering Clearances:

MINIMUM MANEUVERING CLEARANCES AT DOORS and GATES SHALL COMPLY WITH SECTION (1B-4042.4. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF





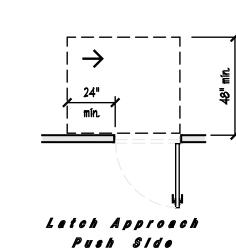




Hinge Approach Provided Both Closer & Latch

Latch Approach

Push Side



Provided Both

Closer & Latch

Latch Approach

Pull Side

16. Swinging Doors and Gates:

SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING PER THE TABLE BELOW:

Approach Direction	Door or Gate Side	Perpendícular to Doorway	Parallel to Doorway
FROM FRONT	PULL	60 INCHES	18 INCHES (5)
FROM FRONT	PUSH	48 INCHES	ØINCHES (1)
FROM HINGE SIDE	PULL	60 INCHES	36 INCHES
FROM HINGE SIDE	PUSH	44 INCHES (2)	22 INCEHS (3)
FROM HINGE SIDE	PULL	60 INCHES	24 INCHES
FROM HINGE SIDE	PUSH	44 NCHES (4)	24 INCHES
Notes:			

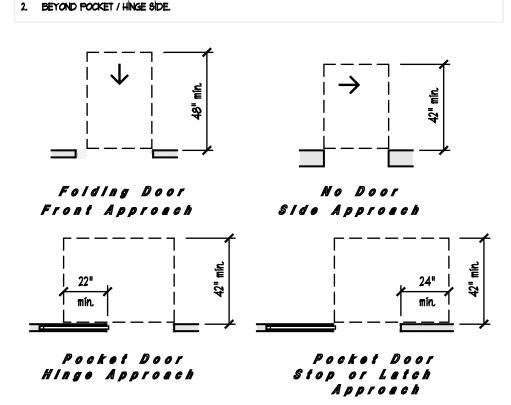
- L ADD 12 INCHES IF CLOSER and LATCH ARE PROVIDED. 2. ADD 4 INCHES IF CLOSER and LATCH ARE PROVIDED.
- 3. BEYOND HINGE SIDE. 4. ADD 4 INCHES IF CLOSER IS PROVIDED.
- 5. ADD 6 INCHES AT EXTERIOR SIDE OF EXTERIOR DOOR.

17. Doorways Without Doors or Gates, Sliding Doors, and Folding Doors.

DOORWAYS LESS THAN 36 INCHES WIDE WITHOUT DOORS OF GATES, SLIDING DOORS, OF FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH THE TABLE BELOW:

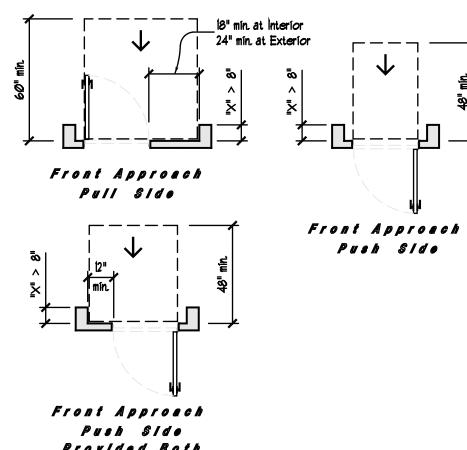
Approach Direction	Perpendicular to Doorway	Parallel to Doorway (beyond Stop/Latch Side Unless Noted)
FROM FRONT	48 INCHES	Ø INCHES
FROM SIDE (1)	42 INCHES	Ø INCHES
FROM POCKET / HINGE SIDE	42 INCHES	22 NCHES (2)
FROM STOP / LATCH SIDE	42 INCHES	24 INCHES

DOORWAY WITH NO DOOR ONLY.



18. Recessed Doors and Gates:

MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTIONS WITHIN 18 INCHES OF THE LATCH SIDE AT AN INTERIOR DOORWAY, or WITHIN 24 INCHES OF THE LATCH SIDE OF AN EXTERIOR DOORWAY, PROJECTIONS MORE THAN 8 INCHES BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OF GATE.



Provided Both Closer & Latch

19. Floor or Ground Surface:

FLOOR OF GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH SECTION 11B-302, CHANGES IN LEVEL ARE NOT PERMITTED.

Exception:

SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

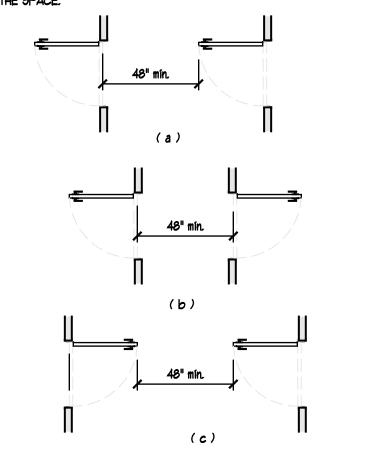
CHANGES IN LEVEL AT THRESHOLDS COMPLYING WITH SECTION 11B-40425 SHALL

20. Thresholds

THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH HIGH MAXIMUM, RAISED THRESHOLDS and CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 11B-302 and 11B-303,

21 Doors in Series and Gates in Series:

THE DISTANCE BETWEEN TWO HINGED OF PIVOTED DOORS IN SERIES and GATES IN SERIES SHALL BE 48 INCHES MINIMUM PLUS THE WIDTH OF DOORS OF GATES SWINGING INTO THE SPACE.



Doors and Gates in Series

22. Door and Gate Hardware:

HANDLES, PULLS, LATCHES, LOCKS, and OTHER OPERABLE PARTS ON DOORS and GATES SHALL COMPLY WITH SECTION (IB-309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM and 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OF GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARD SHALL BE EXPOSED and USABLE FROM BOTH SIDES,

Exceptions:

EXISTING LOCKS SHALL BE PERMITTED IN ANY LOCATION AT EXISTING GLAZED DOORS WITHOUT STILES, EXISTING OVERHEAD ROLLING DOORS OF GRILLES, AND SIMILAR EXISTING DOORS OF GRILLES THAT ARE DESIGNED WITH LOCKS THAT ARE ACTIVATED ONLY AT THE TOP OF BOTTOM RAIL.

ACCESS GATES IN BARRIER WALLS and FENCES PROTECTING POOLS, SPAS, and HOT TUBS SHALL BE PERMITTED TO HAVE OPERABLE PARTS OF THE RELEASE OF LATCH ON SELF-LATCHING DEVICES AT 54 INCHES MAXIMUM ABOVE THE FINISH FLOOR OF GROUND PROVIDED THE SELF-LATCHING DEVICES ARE NOT ALSO SELF-LOCKING DEVICES and OPERATED BY MEANS OF A KEY, ELECTRONIC OPENER, Or INTEGRAL COMBINATION LOCK.

23. Closing Speed:

DOOR and GATE CLOSING SPEED SHALL COMPLY WITH SECTION (IB-40428.

24. 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 A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.

25. Spring Hinges:

DOOR and GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 10 DEGREES, THE DOOR OF GATE SHALL MOVE TO THE CLOSED POSTITION IN 15 SECONDS MINIMUM.

26. Door and Gate Opening Force:

THE FORCE FOR PUSHING OF PULLING OPEN A DOOR OF GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:

INTERIOR HINGED DOORS and GATES: 5 POUNDS MAXIMUM.

SLIDING OF FOLDING DOORS: 5 POUNDS MAXIMUM.

REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OF DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OF GATE IN A CLOSED POSITION.

EXTERIOR HINGED DOORS:

Exceptions EXTERIOR DOORS to MACHINERY SPACES INCLUDING, BUT NOT LIMITED TO, ELEVATIOR PITS OF ELEVATOR PENTHOUSES, MECHANICAL, ELECTRICAL OF COMMUNICATIONS EQUIPMENT ROOMS, PIPING OF EQUIPMENT CATUALKS, ELECTRIC SUBSTATIONS and

EXTERIOR HINGED DOORS:

WHEN, AT A SINGLE LOCATION, ONE OF EVERY EIGHT EXTERIOR DOOR LEAFS, or FRACTION OF EIGHT, IS A POWERED DOOR, OTHER EXTERIOR DOORS AT THE SAME LOCATION, SERVING THE SAME INTERIOR SPACE, MAY HAVE A MAXIMUM OPENING FORCE OF 8.5 POUNDS, THE POWERED LEAF(S) SHALL BE LOCATED CLOSEST TO THE ACCESSIBLE ROUTE.

TRANSFORMERS YAULTS, and HIGHWAY and TUNNEL UTILITY FACILITIES.

POWERED DOORS SHALL COMPLLY WITH SECTION (IB-4043, POWERED DOORS SHALL BE FULLY AUTOMATIC DOORS COMPLYING WITH BUILDERS HARDWARE MANUFACTURERS' ASSOCIATION (BHMA) AIS6.10 or LOW ENERGY OPERATED DOORS COMPLYING WITH BHMA A156.19.

POWERED DOORS SERVING A BUILDING OF FACILITY WITH AN OCCUPANCY OF 150 OF MORE SHALL BE PROVIDED WITH A BACK-UP BATTERY OF BACK-UP GENERATOR. THE BACK-UP POWER SOURCE SHALL BE ABLE TO CYCLE THE DOOR A MINIMUM OF 100 CYCLES, POWERED DOORS SHALL BE CONTROLLED ON BOTH THE INTERIOR and EXTERIOR

SIDES OF THE DOORS BY SENSING DEVICES, PUSH PLATES, VERTICAL ACTUATION

BARS OF OTHER SIMILAR OPERATING DEVICES COMPLYING WITH SECTIONS 11B-304,

11B-305 and 11B-308, AT EACH LOCATION WHERE PUSH PLATES ARE PROVIDED THERE SHALL BE TWO PUSH PLATES. THE CENTERLINE OF ONE PUSH PLATE SHALL BE 7 INCHES MINIMUM and 8 INCHES MAXIMUM ABOVE THE FLOOR OF GROUND SURFACE and THE CENTERLINE OF THE SECOND PUSH PLATE SHALL BE 30 INCHES MINIMUM and 44 INCHES MAXIMUM ABOVE THE FLOOR OF GROUND SURFACE. EACH PUSH PLATE SHALL BE A MINIMUM OF 4 INCHES DIAMETER OF A MINIMUM OF 4 INCHES BY

2. Slope: AT EACH LOCATION WHERE VERTICAL ACTUATION BARS ARE PROVIDED THE OPERABLE PORTION SHALL BE LOCATED SO THE BOTTOM IS 5 INCHES MAXIMUM ABOVE THE FLOOR OF GROUND SURFACE and THE TOP IS 35 INCHES MINIMUM ABOVE THE FLOOR OF GROUND SURFACE, THE OPERABLE PORTION OF EACH VERTICAL ACTUATION BAR SHALL BE A MINIMUM OF 2 INCHES WIDE and SHALL DISPLAY THE 3. Cross Slope: INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.

WHERE PUSH PLATES, VERTICAL ACTUATION BARS OF OTHER SIMILAR OPERATING DEVICES ARE PROVIDED, THEY SHALL BE PLACED IN A CONSPICUOUS LOCATION. A LEVEL and CLEAR FLOOR or GROUND SPACE FOR FORWARD or PARALLEL APPROACH COMPLYING WITH SECTION (IB-305 SHALL BE PROVIDED, CENTERED ON THE OPERATING DEVICE. DOORS SHALL NOT SWING INTO THE REGUIRED CLEAR FLOOR or GROUND SPACE.

4 INCHES SQUARE and SHALL DISPLAY THE INTERNATIONAL SYMBOL OF

ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.

SINAGE IDENTIFYING THE ACCESSIBLE ENTRANCE REQUIRED BY SECTION (IB-216.6 SHALL 5. C | e a r W 1 d t h : BE PLACED ON, Or IMMEDIATELY ADJACENT TO, EACH POWERED DOOR. SIGNAGE SHALL LOCATION, SERVING THE SAME INTERIOR SPACE, MAY HAVE A MAXIMUM OPENING FORCE

IN ADDITION TO THE REQUIREMENTS OF THE ITEM ABOVE, WHERE A POWERED DOOR IS PROVIDED IN BUILDINGS OF FACILITIES CONTAINING ASSEMBLY OCCUPANCIES OF 300 OF MORE, A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY MEASURING 6 INCHES BY 6 INCHES COMPLYING WITH SECTION (IB-103.1, SHALL BE PROVIDED ABOVE THE DOOR ON BOTH THE INTERIOR and EXTERIOR SIDES OF EACH POWERED DOOR

BE PROVIDED IN COMPLIANCE WITH BHMA A156.10 OF BHMA A156.19, as APPLICABLE.

27. Door and Gate Surfaces:

SWINGING DOOR and GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR or GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OF GATE, PARTS CREATING HORIZONTAL OF VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER and BE FREE OF SHARP OF ABRASIVE EDGES, CAVITIES CREATED BY ADDED PLATES SHALL BE CAPPED.

Exception:

SLIDING DOORS SHALL NOT BE REQUIRED TO COMPLY AS NOTED ABOVE.

TEMPERED GLASS DOORS WITHOUT STILES and HAVING A BOTTOM RAIL OF SHOE WITH THE TOP LEADING EDGE TAPERED AT 60 DEGREES MINIMUM FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEED THE 10 INCH BOTTOM SMOOTH SURFACE HEIGHT

DOORS AND GATES THAT DO NOT EXTEND TO WITHIN 10 INCHES OF THE FINISH FLOOR OF GROUND SHALL NOT BE REQUIRED TO COMPLY AS NOTED ABOVE.

28. Vision Lights:

DOORS, GATES and SIDE LIGHTS ADJACENT TO DOORS OF GATES, CONTAINING ONE OF MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE GLAZED PANEL LOCATED 43 INCHES MAXIMUM ABOVE THE

Exceptions

GLAZING PLANELS WITH THE LOWEST PART MORE THAN 66 INCHES FROM THE FINISH FLOOR OF GROUND SHALL NOT BE REQUIRED TO COMPLY AS NOTED ABOVE.

29. Automatic and Power-Assisted Doors & Gates:

AUTOMATIC DOORS and AUTOMATIC GATES SHALL COMPLY WITH SECTION 11B-4042. FULL POWERED AUTOMATIC DOORS SHALL COMPLY WITH ANSI/BHMA A156.10. LOW-ENERGY and POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19.

30. Clear Width:

and POWER-OFF MODE. THE MINIMUM CLEAR WIDTH FOR AUTOMATIC DOOR SYSTEMS IN A DOORWAY SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING OF 32 INCHES WITH ONE LEAF POSTIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION

DOORWAYS SHALL PROVIDE A CLEAR OPENING OF 32 INCHES MINIMUM IN POWER-ON

31 Maneuvering Clearance:

CLEARANCES AT POWER-ASSISTED DOORS and GATES SHALL COMPLY WITH SECTION 1/B-4042A. CLEARANCES AT AUTOMATIC DOORS and GATES WITHOUT STANDBY POWER and SERVING AN ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH SECTION 11B-4042A.

COMPLIANCE WITH SECTION (11B-4042.4 SHALL NOT BE REQUIRED.

Exception:

32. Thresholds: THRESHOLDS and CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH SECTION

WHERE AUTOMATIC DOORS and GATES REMAIN OPEN IN THE POWER-OFF CONDITION.

11B-40425, REFER TO "CHANGES IN LEVEL" REQUIREMENTS ON SHEET TI-23, 33. Doors in Series and Gates:

DOORS IN SERIES and GATES IN SERIES SHALL COMPLY WITH SECTION 11B-40426. REFER TO REQUIREMENTS ON THIS SHEET.

MANUALLY OPERATED CONTROLS SHALL COMPLY WITH SECTION 1118-309. THE CLEAR

34. Controls:

REQUÍRED,

Remps

Exceptions

WITH THIS SECTION.

FLOOR SPACE ADJACENT TO THE CONTROL SHALL BE LOCATED BEYOND THE ARC OF THE DOOR SWING, 35. Break Out Opening:

WHERE DOORS and GATES WITHOUTH STANDBY POWER ARE A PART OF A MEANS OF

EGRESS, THE CLEAR BREAK OUT OPENING AT SWINGING OF SLIDING DOORS and GATES SHALL BE 32 INCHES MINIMUM WHEN OPERATED IN EMERGENCY MODE.

Exceptions WHER MANUEL SWINGING DOORS and GATES COMPLY WITH SECTION (1B-4042 and SERVE THE SAME MEANS OF EGRESS COMPLIANCE WITH SECTION 11B-40436 SHALL NOT BE

36. Revolving Doors, Revolving Gates, & Turnstiles REVOLVING DOORS, REVOLVING GATES and TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE

RAMPS ON ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 1118-405,

RAMP RUNS SHAL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12

CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48.

4. Floor or Ground Surfaces:

PERMITTED ON RAMP RUNS.

IN ASSEMBLY AREAS, AISLE RAMPS ADJACENT TO SEATING and NOT SERVING ELEMENTS

REQUIRED TO BE ON AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED TO COMPLY

CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE and CROSS SLOPE ARE NOT

Exceptions WITHIN EMPLOYEE WORK AREAS, THE REQUIRED CLEAR WIDTH OF RAMPS THAT ARE A PART OF COMMON USE CIRCULATION PATHS SHALL BE PERMITTED TO BE DECREASED

THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48 INCHES MINIMUM.

HANDRAILS MAY PROJECT INTO THE REQUIRED CLEAR WIDTH OF THE RAMP AT EACH

BY WORK AREA EQUIPMENT PROVIDED THAT THE DECREAS IS ESSENTIAL TO THE

6. Rise:

THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM.

SIDE 3 1/2 INCHES MAXIMUM AT THE HANDRAIL HEIGHT.

FUNCTION OF THE WORK BEING PERFORMED.

7. Landings:

RAMPS SHALL HAVE LANDINGS AT THE TOP and THE BOTTOM OF EACH RAMP RUN. LANDINGS SHALL COMPLY WITH SECTION (1B-405.7).

8. 5 ope:

LANDINGS SHALL COMPLY WITH SECTION (18-302, CHANGES IN LEVEL ARE NOT

Exception:

SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.

TOP LANDINGS SHALL BE 60 INCHES WIDE MINIMUM.

TRAVEL FROM THE UPPER RAMP RUN.

10. Length:

9. Width:

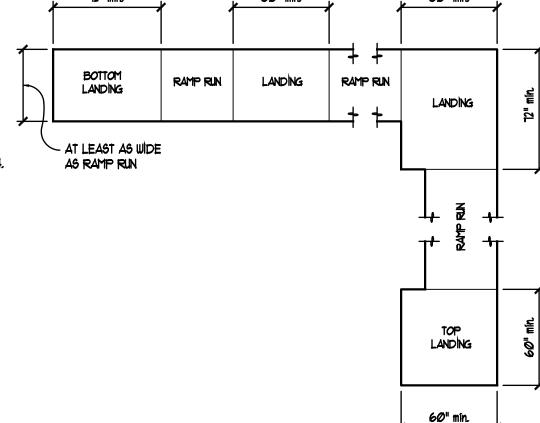
THE LANDING CLEAR LENGTH SHALL BE 60 INCHES LONG MINIMUM.

IL Change in Direction:

RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR

BOTTOM LANDINGS SHALL EXTEND 12 INCHES MINIMUM IN THE DIRECTION OF RAMP RUN

LANDING 60 INCHES MINIMUM BY 12 INCHES MINIMUM IN THE DIRECTION OF DOWNWARD



12. Doorways:

WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY SECTION (IB-4042A and (IB-40432 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. DOORS WHEN FULLY OPEN, SHALL NOT REDUCE THE REQUIRED RAMP LANDING WIDTH BY MOR THAN 3 INCHES. DOORS, IN ANY POSITION, SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE RAMP LANDING TO LESS

THAN 42 INCHES,

Exceptions:

B. HANDRAILS: RAMP RUNS SHALL HAVE HANDRAILS COMPLYING WITH SECTION 11B-505.

HANDRAILS ARE NOT REQUIRED AT RAMPS IMMEDIATELY ADJACENT TO FIXED SEATING IN ASSEMBLY AREAS.

14. CURB RAMPS DO NOT REQUÍRE HANDRAÍLS. AT DOOR LANDINGS, HANDRAILS ARE NOT REQUIRED ON RAMP RUNS LESS THAN 6 INCHES

IN RISE or 12 INCHES IN LENGTH. 15. Edge Protection:

Exception:

EDGE PROTEECTION COMPLYING WITH SECTION (IB-405.92 SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS and AT EACH SIDE OF RAMP LANDINGS.

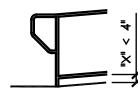
EDGE PROTECTION SHALL NOT BE REQUIRED ON RAMPS THAT ARE NOT REQUIRED TO HAVE HANDRAILS and HAVE SIDES COMPLYING WITH SECTION 11B-40622.

EDGE PROTECTION SHALL NOT BE REQUIRED ON THE SIDES OF RAMP LANDINGS HAVING A VERTICAL DROP-OFF OF 1/2 INCH MAXIMUM WITHIN 1/0 INCHES HORIZONTALLY OF THE MINIMUM LANDING AREA SPECIFIED IN SECTION 11B-405.7.

16. Curb or Barrier:

ADJOINING RAMP RUN OF STAIRWAY,

A CURB. 2 INCHES HIGH MINIMUM OF BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4 INCH DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4 INCHES OF THE FINISH FLOOR OF GROUND SURFACE. TO PREVENT WHEEL ENTRAPMENT, THE CURB OF BARRIER SHALL PROVIDE A CONTINUOUS and UNINTERRUPTED BARRIER ALONG THE LENGTH OF THE RAMP.



17. Wet Conditions: FLOOR OF GROUND SURFACES OF RAMP RUNS SHALL COMPLY WITH SECTION (1B-302.

ACCUMULATION OF WATER.

LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE

Permit No:

EDGE PROTECTION SHALL NOT BE REQUIRED ON SIDES OF RAMP LANDINGS SERVING AN

| Plan Check Submt'l.

Abacus

design group

Building Design

Swimming Pools

Roteining Walls

AN ASSOCIATE MEMBER TO THE AMERICAN INSTITUTE OF ARCHITECTS

3010 E Fernan Hill Road

Coeurd'Alene, ID 83814

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(661) 702-0214

Additions/Remodels

Tenent improvements

10-14-19