ACCESSIBILITY NOTES cont.

DD. SIGNS & IDENTIFICATION

NOTE: THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN TITLE 24 AND AS SPECIFICALLY REQUIRED BELOW. SEC 1117B.5.1.1. FIG 11B–6.

1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595B. SEC 1117B.5.1.2

2. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH–TO–HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH–TO–HEIGHT RATIO BETWEEN 1:5 AND 1:10. SEC 1117B.5.3

3. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 1121B, THE MINIMUM CHARACTER HEIGHT SHALL BE 3". SEC 1117B.5.4

4. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. SEC 1117B.5.5

5. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING: SEC 1117B.5.6

   a. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS–SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. SEC 1117B.5.6.1

   b. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH. SEC 1117B.5.6.2

   c. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT. SEC 1117B.5.6.3

6. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND. SEC 1117B.5.2

7. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. SEC 1117B.5.7 & 1127B.3

8. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.6. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. SEC 1117B.5.9

9. POLE SUPPORTED PEDESTRIAN TRAFFIC CONTROL BUTTONS SHALL BE IDENTIFIED WITH COLOR CODING CONSISTING OF A TEXTURED HORIZONTAL YELLOW BAND 2" IN WIDTH ENCIRCLING THE POLE, AND A 1" WIDE DARK BORDER BAND ABOVE AND BELOW THIS YELLOW BAND. COLOR CODING SHOULD BE PLACED IMMEDIATELY ABOVE THE CONTROL BUTTON. CONTROL BUTTONS SHALL BE LOCATED NO HIGHER THAN 48" ABOVE THE SURFACE ADJACENT TO THE POLE. SEC 1117B.5.10

SS. NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED

1. IF EMERGENCY WARNING SYSTEMS ARE REQUIRED, THEY SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. SEC 1114.B.2.4 & 7204(A).

2. APPROVED NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL BE INSTALLED IN THE FOLLOWING AREAS: CH 35, SEC 6–4.5

   a. RESTROOMS.
   b. CORRIDORS.
   c. MUSIC PRACTICE ROOMS.
   d. BAND ROOMS.
   e. GYMNASIUMS.
   f. MULTIPURPOSE ROOMS.
   g. OCCUPATIONAL SHOPS.
   h. OCCUPIED ROOMS WHERE AMBIENT NOISE IMPAIRS HEARING OF THE F.A.
   i. LOBBIES.
   j. MEETING ROOMS.
   k. ANY OTHER AREA FOR COMMON USE.

3. STROBE SIGNALING DEVICES REQUIRED FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHAL APPROVED AND LISTED. SEC 7203(C)

4. AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC MODE SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 75DBA AT 10' OR MORE THAN 110DBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. CH 35 SEC 6–3.2.1

5. AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PRIVATE MODE SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 45DBA AT 10' OR MORE THAN 110DBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. CH 35 SEC 6–3.3.1

6. THE FLASH RATE SHALL NOT EXCEED 2 FLASHES PER SECOND NOR BE LESS THAN 1 FLASH EVERY SECOND THROUGHOUT THE LISTED VOLTAGE RANGE OF THE APPLIANCE. NFPA 72 SEC 6–4.2

7. THE LIGHT SOURCE COLOR SHALL BE CLEAR OR NOMINAL WHITE AND SHALL NOT EXCEED 1000 CANDELA (EFFECTIVE INTENSITY). NFPA 72 SEC 6–4.2.2

8. WALL–MOUNTED APPLIANCES SHALL HAVE THEIR BOTTOMS AT HEIGHTS ABOVE THE FINISHED FLOOR OF NOT LESS THAN 80" AND NO GREATER THAN 96". CEILING–MOUNTED APPLIANCES SHALL BE INSTALLED PER TABLE 6–4.4.1(B). NFPA 72 SEC 6–4.4

9. NOTIFICATION APPLIANCES INSTALLED IN ROOMS SHALL BE SPACED AS FOLLOWS: NFPA 72 SEC 6–4.4.1

   a. SPACING SHALL BE IN ACCORDANCE WITH FIGURE 6–4.4.1.1 AND TABLES 6–4.4.1.1(A) AND (B). THE SEPARATION BETWEEN APPLIANCES SHALL NOT EXCEED 100' NFPA 72 SEC 6–4.4.1.1

   b. VISIBLE NOTIFICATION APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH TABLE 6–4.4.1.1(A), USING ONE OF THE FOLLOWING: NFPA 72 SEC 6–4.4.1.1
      1) A SINGLE VISIBLE NOTIFICATION APPLIANCE; OR
      2) TWO VISIBLE NOTIFICATION APPLIANCES LOCATED ON OPPOSITE WALLS; OR
      3) IN ROOMS 80'X80' OR GREATER, WHERE THERE ARE MORE THAN TWO APPLIANCES IN ANY FIELD OF VIEW, THEY SHALL BE SPACED A MINIMUM OF 55' FROM EACH OTHER; OR
      4) MORE THAN TWO VISIBLE NOTIFICATION APPLIANCES THAT FLASH IN SYNCHRONIZATION.

NOTE: WHERE A ROOM CONFIGURATION IS NOT SQUARE, THE SQUARE ROOM SIZE THAT ENTIRELY ENCOMPASSES THE ROOM OR SUBDIVIDES THE ROOM INTO MULTIPLE SQUARES SHALL BE USED. NFPA 72 SEC 6–4.4.1.2

10. APPLIANCES INSTALLED IN SLEEPING AREAS SHALL COMPLY WITH SECTION 6–4.4.3:

11. NOTIFICATION APPLIANCES INSTALLED IN CORRIDORS SHALL BE SPACED AS FOLLOWS: NFPA 72 SEC 6–4.4.2

   a. TABLE 6–4.4.2.1 SHALL APPLY TO CORRIDORS NOT EXCEEDING 20' IN WIDTH. FOR CORRIDORS GREATER THAN 20' IN WIDTH, REFER TO FIG 6–4.4.1.1 AND TABLES 6–4.4.1.1(A) AND (B) NFPA 72 SEC 6–4.4.2.1

   b. VISUAL APPLIANCES SHALL BE RATED NOT LESS THAN 15 CANDELA. NFPA 72 SEC 6–4.4.2.1

   c. THE VISUAL APPLIANCES SHALL BE LOCATED NO MORE THAN 15' FROM THE END CORRIDOR WITH A SEPARATION NOT GREATER THAN 100' BETWEEN APPLIANCES. NFPA 72 SEC 6–4.4.2.2

   d. WHERE THERE IS AN INTERRUPTION OF THE CONCENTRATED VIEWING PATH, SUCH AS A FIRE DOOR, AND ELEVATION CHANGE, OR ANY OTHER OBSTRUCTION, THE AREA SHALL BE CONSIDERED AS A SEPARATE CORRIDOR. NFPA 72 SEC 6–4.4.2.2

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