Requirements Of

Detection Of Unsuitable Environments For People With Disabilities

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# Pavement Problems

* 1. Ramps on the pavements shall have not sharp slope and enough width. Sharp slops in the boun campuses should be reconstructed with standards in the document[1]
  2. Surface on the ramps shall be solid, durable and slipless. Pebblestones makes hard to move if the person is trying to move with a wheelchair.
  3. Obstacles on the pavements shall be placed alongside the road.
  4. Level differences on the surfaces shall be removed
  5. Cars are parking on the pavements. It shall be avoided trafic regulations.

# Architectural Problems

* 1. Gaps on the road(for water) shall be standard. There shall not be any gaps without manhole on the road.

# Problems With Car Parking

* 1. There shall be parking slots for people with disabilities
  2. Parking slots shall be 50 meters away from main entrance in maximum.

# Bus Station Problems

* 1. Entrance of the buses shall be low.
  2. There shall be an entrance that has enough width for people with wheelchair
  3. Bus stations shall have yellow dotted lines for people with visible disabilities.
  4. There shall be ramps for people with wheelchair. IETT buses have no ramps, they shall have ramps.

# Problems With Decorations On The Street

* 1. Signboards on the streets shall have minimum heigth of 2.1 meters.
  2. Pavements have 1.2 meters with in minimum without any decorations. In Hisarustu, pavements are below standards.

# Reachability Problems Of Buildings

* 1. Colors and signs shall lead to entrance
  2. Entrance of the build shall have ramps and stairways.
  3. Safety rails shall be on both sides.

1. **Problems Of Elements Inside The Building**
   1. Automatic doors shall be preferred for the buildings.
   2. To open the door 0 to 30 degrees, the person shall not push with power over 3kgs. For 30-60 degrees, it musnt be over 2kgs.
   3. Width of the door shall be 800mm in minimum.
   4. Doors with the knobs shall be avoided.
   5. Receptions and tables shall have 1500mm width in minimum, 760mm height in maximum.
   6. WC shall have handgrip near toilet seats
2. **Lightning Problems**
   1. Ground and the walls of the building shall be pale, not bright. In Caglayan Courtroom, ground is bright, so it is a bad design. It shall be reconstucted with pale covering.
   2. Lightning shall be homogeneous.
3. **Color Problems**
   1. Color and Colour tone shall be seperable between entrance doors, ending points of stairs, health equipments.

**10.References**

[1] http://www.ozurlulervakfi.org.tr/docs/Ozurluler.Vakfi-Mimari.Erisilebilirlik.Kilavuzu.pdf