

Environmental Assessment

*by: Nicole Victoria T. Koumentis
PTA 1511 Concepts in Physical Therapy II*

Environmental Assessment Purposes

*-> Interventions to
improve home safety*

*-> Make existing
facility more usable
for those with
disabilities*

*-> Accessibility
problems and
solutions*



Accessible Approach/Entrance

- ▶ Is there a route of travel that does not require the use of stairs? **Yes**
- ▶ Is the route of travel stable, firm, and slip-resistant? **Yes**
- ▶ Is the route at least 36 inches wide? **Yes**



Entrance

- ▶ Does the entrance door have at least 32 inches clear opening (for a double door, at least one 32-inch leaf)?
Yes
- ▶ Is the threshold edge 1/4 inch high or less, or if beveled edge, no more than 3/4 inch high? **Yes**
- ▶ If provided, are carpeting or mats a maximum of 1/2 inch high? **Yes**
- ▶ Are edges securely installed to minimize tripping? **Yes**





Is there at least 18 inches of clear wall space on the pull side of the door, next to the handle? (A person using a wheelchair or crutches needs this space to get close enough to open the door)

No

Can You Handle It?



- ▶ Is the door handle no higher than 48 inches and operable with a closed fist? **Yes and No**



Controls

- ▶ Are all controls that are available for use by the public (including electrical, mechanical, game, and self-service controls) located at an accessible height? **Yes**
- ▶ Reach ranges: Maximum side reach height is 54 inches; Forward reach is 48 inches. The minimum reachable height is 15 inches for a front approach and 9 inches for a side approach. **Yes**

Seats, Tables, And Counters

- ▶ Are the aisles between fixed seating at least 36 inches wide? **No**
- ▶ Are the tops of tables or counters between 28 and 34 inches high? **Yes**
- ▶ Are knee spaces at accessible tables at least 27 inches high, 30 inches wide, and 19 inches deep? **Yes**
- ▶ Are aisles and pathways to materials /services at least 36 inches wide? **No**



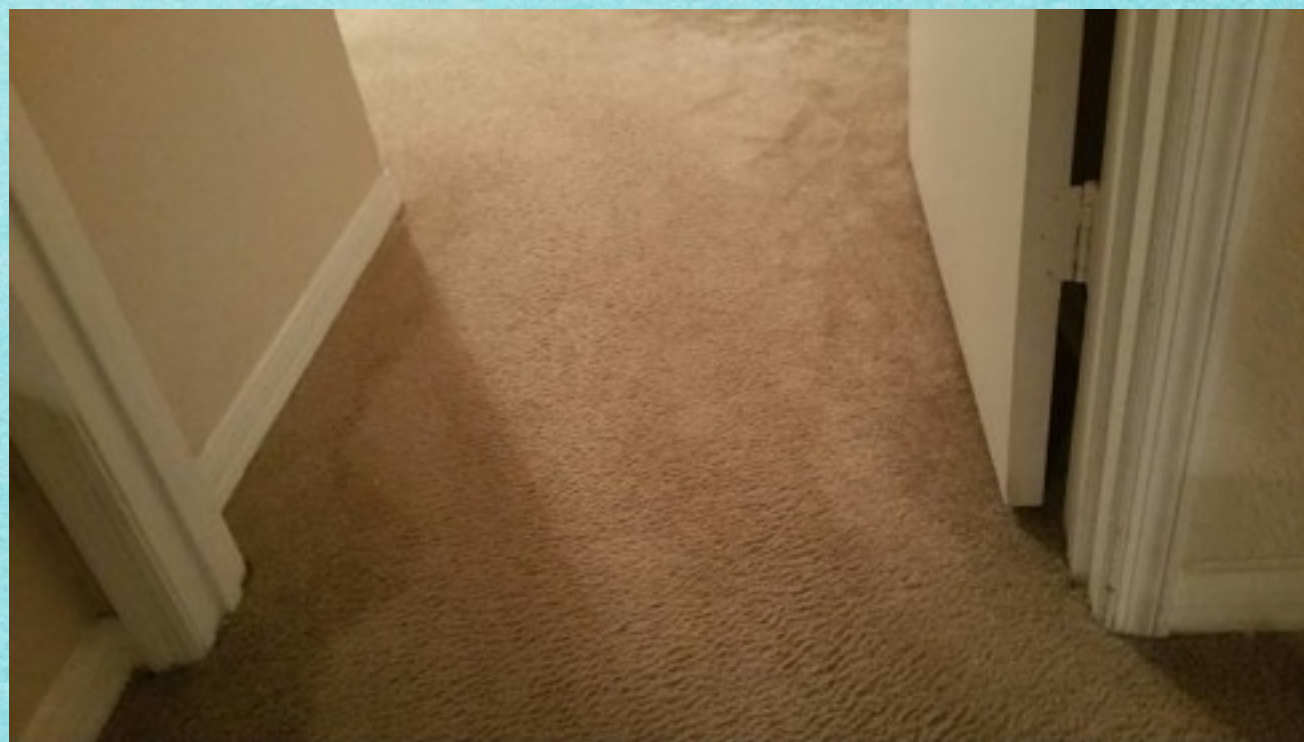


Bathroom

- ▶ Are there grab bars behind and on the side wall nearest to the toilet?
No
- ▶ Is the toilet seat 17-19 inches high?
Yes
- ▶ Can the faucet be operated with one closed fist? **No**
- ▶ Is the mirror mounted with the bottom edge of the reflecting surface 40 inches high or lower? **Yes**
- ▶ Are soap/dispensers within normal reaching ranges and with 1 closed fist? **Yes**









The End

