

Category: Universal Design – Entire House



Originally built in the 1950s in a modest neighborhood, this home was remodeled to meet the needs of a client who had rapidly progressed ALS.

Before



Shown above is the back of the house before remodel. Shown right is the front of the house before remodel.

Before



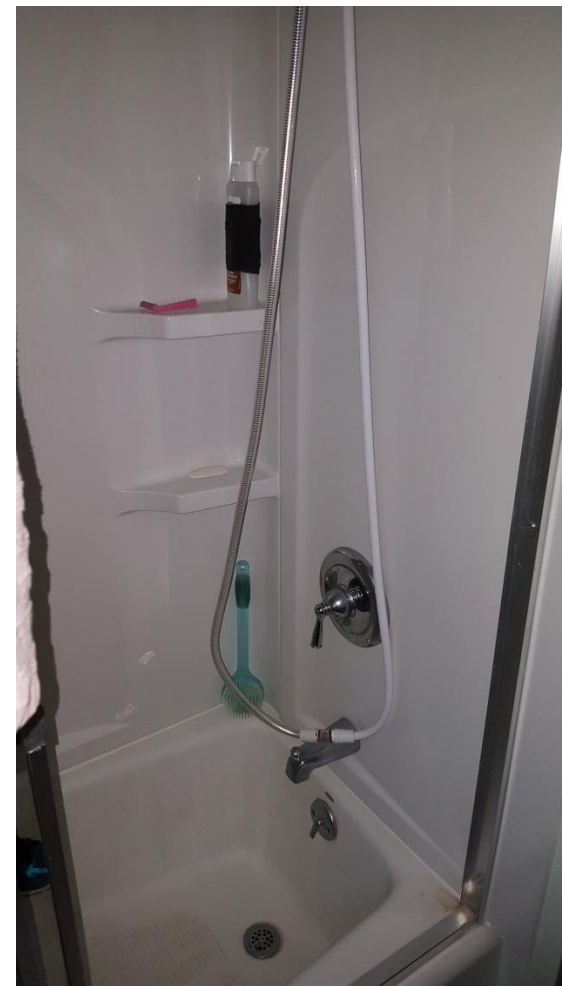
The home featured a primary side entry which was reoriented to the back of the house.

After



A long u-shape ramp was added to the entire back of the house with a ramp leading to the driveway. The ramp was necessary due to the change in elevation between the driveway and the main floor of the house. In addition, a roof was added to the deck, and door from one of the bedrooms for accessibility.

Before



The original bathroom was unusable for the client. The doorway wasn't wide enough for a wheelchair; and the bathtub was a challenge to enter and exit.

After



Some space was taken from a neighboring bedroom to accommodate a 36-inch doorway in the bathroom.

After



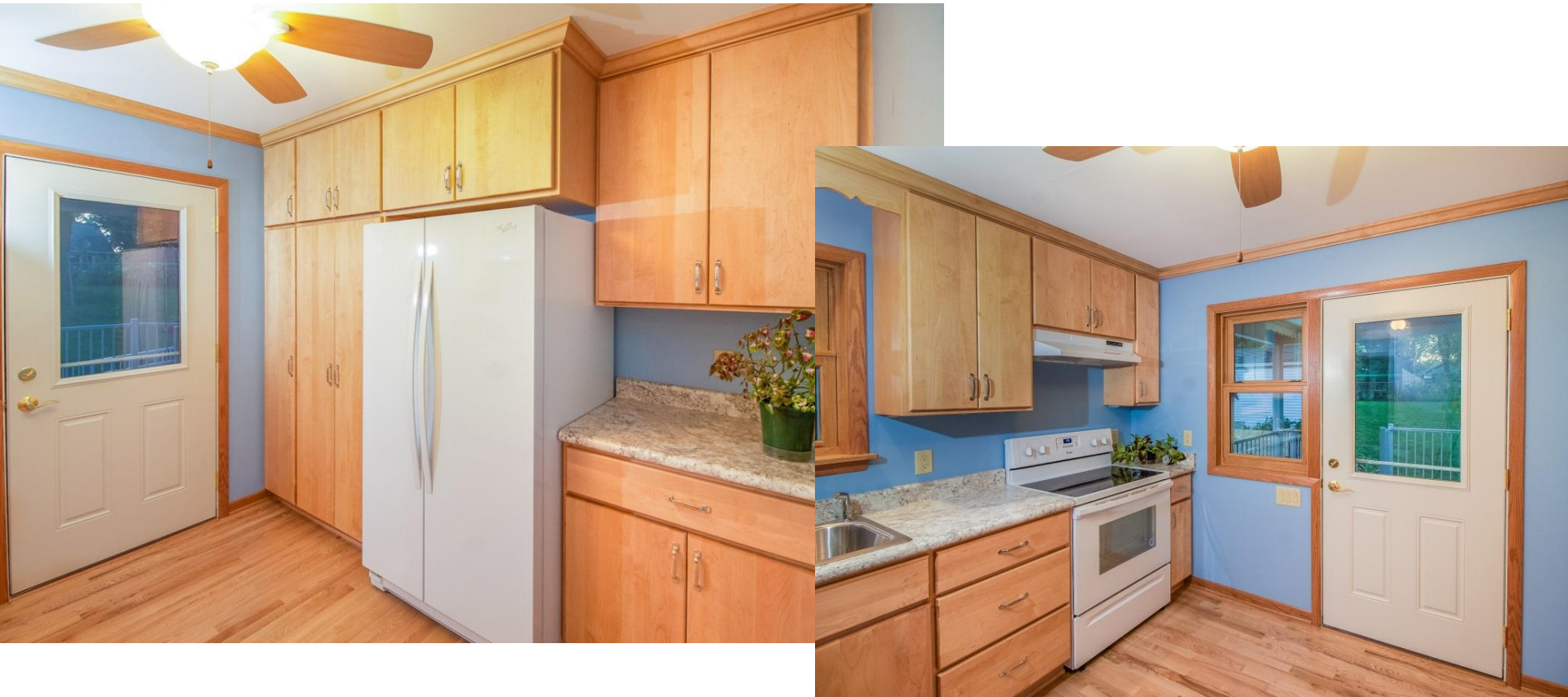
The bathtub was converted into a shower. The wet area of the shower extends beyond the typical 30 inch-wide bathtub and out into the main floor area of the bathroom. The entire floor of the bathroom is waterproofed.

After

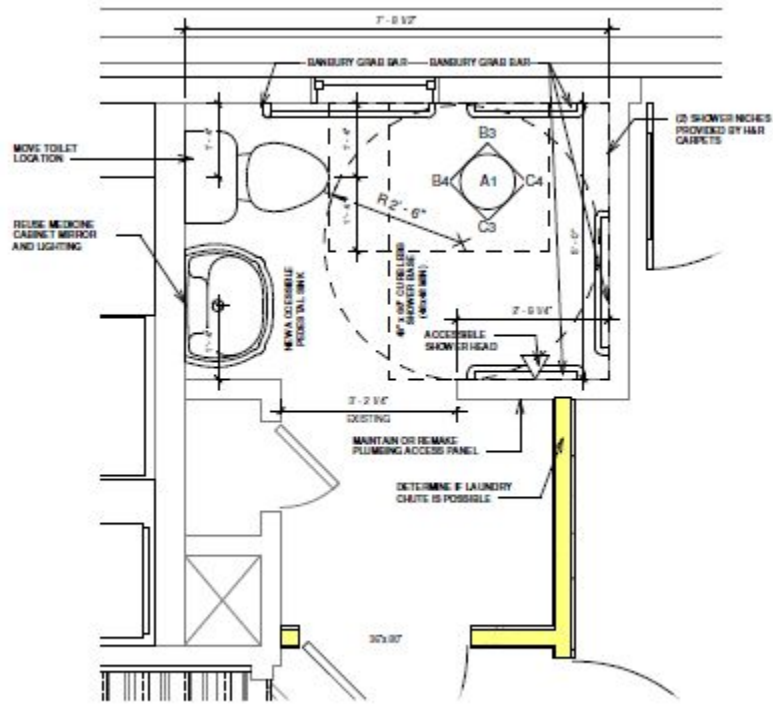


A linear shower drain going across the length of the shower provided a beautiful detail in the floor. The shower sloped from back to front to provide as much slope as possible. Beyond the linear shower drain in the main floor area of the bathroom, water will need to be squeegeed or towel-dried. However it was waterproofed in a way that no damage will be done. This methodology was necessary to accommodate the 4x5 area requirement without breaking the budget by framing the floor under that area.

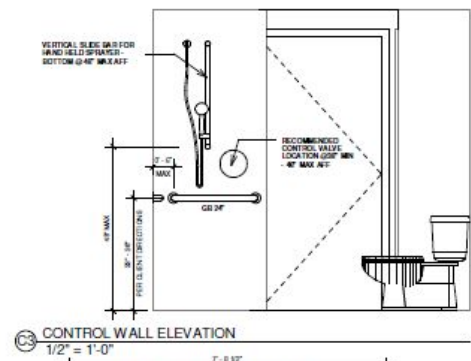
After



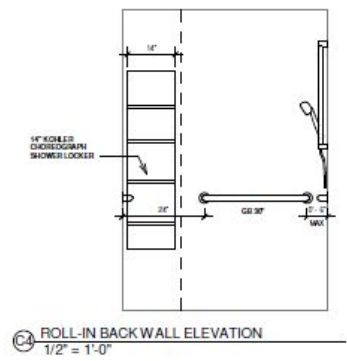
The kitchen was rotated 90 degrees, providing a modern version of a galley kitchen with significantly more usable floor space. There was a door that went out the side of the house and limited cabinetry to only one wall. The door was eliminated directing foot traffic to the back of the house, and allowed for the creation of two walls of cabinetry.



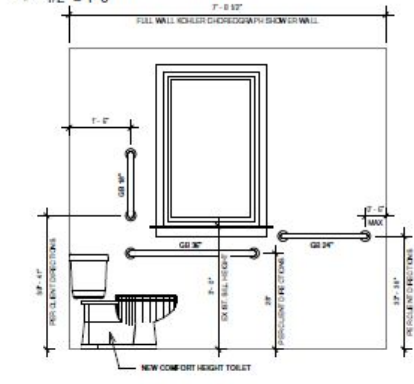
B2 1.0 First Floor - Bathroom
1/2" = 1'-0"



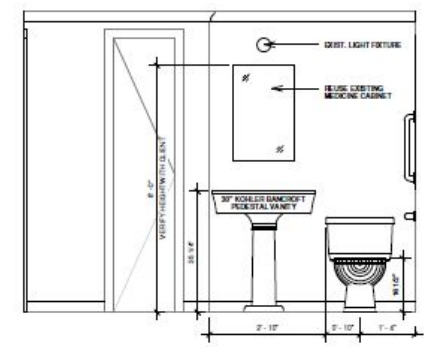
B3 CONTROL WALL ELEVATION
1/2" = 1'-0"



B4 ROLL-IN BACK WALL ELEVATION
1/2" = 1'-0"



B5 SIDE WALL ELEVATION
1/2" = 1'-0"



B6 PLUMBING WALL ELEVATION
1/2" = 1'-0"

Bathroom Details

