

When the house was built in 2001, Brevard County required that the contractor move the structure four feet to the North of the property parallel to Martin Road and the drainage ditch along the road. The drainage ditch is approximately 6 feet lower than our land bordering the North side of the house.

No other home along Martin Road was built this close to the drainage ditch, except for 3400 Brahman Ave, which the county installed a culvert and filled in the land. Our lot did not have a culvert installed, so the house foundation was set 4 foot from a drop off that sloped 6 feet down into the drainage ditch along Martin Road. The house foundation was not prepped well enough to prevent a shift in the house foundation so we consulted with an engineer to plan a way to reinforce the North side of the house.





Since the land on the North side of our house was unusable in its original state, and at the suggestion of our engineer, we put up a retaining 5' 7" retaining wall and had the gap between the house and new wall filled in with dirt and land fill. It was packed and prepped for a new slab that was tied into the house foundation using rebar. This wall is 4'10" from the base of the land that borders the Martin Road drainage ditch.





