

## Earthscapes Landscaping – Sioux Falls, SD

Submitted by: Concrete Materials Company

Overall, from start to finish this project was a challenge. This started off as a complete remodel project. The homeowner had come up with a concept plan at the start of the pandemic this spring, wanting to make it a personal vacation spot. They had signed up to have a 20'x40' pool in their backyard with MC and R. Upon first viewing this job it was a vast lawn with existing trees with an existing 460 square foot gray patio in the back with an uncovered deck above. There were old retaining walls that needed rebuilding also, due to the steep slope to the back yard, another tricky side piece. To complicate matters worse, this whole project was in a cul de sac.

Seems simple, but this was a whole home remodel on the back side of the house. The homeowner stated the deck and existing concrete patio, and above cedar deck were coming out and was wanting a vast amount of concrete in the backyard. We were in touch with the landscapers at Earthscapes and came together on a concept plan. So, from there on, an indoor/outdoor upper addition added to the home with columns extending down into the patio area. The pool was excavated and dug. We were unable to take out the existing concrete, due to the other contractors being in the area. This was turning into a blank slate with a lot of obstacles. Aside from using a pump which was not in the bid, we were able to use a mini bobcat to remove the existing concrete. We brought in 30 ton of gravel in addition to the landscapers and pool company's back fill. We had three dump loads of old fill and concrete removal. From this moment on, we were left with a beautiful area to pour our stamped concrete.

The entire pool deck has multiple patterns, colors and other aesthetics, such as the trench drain we had to keep in consideration. The perimeter of the pool was done first with 1% 920 integral Solomon slate dyed concrete, a clear liquid release was used on the surface of the concrete with a roller texture stamp pattern. This was done as a 4' picture frame to border the pool, this created perfect symmetrical lines from looking overhead from the indoor oasis area. This was approximately 550 square feet of concrete. The remainder of the pool deck was to be done in Ashlar slate stamp pattern using a 4000 psi with ½" rock stamp mix aggregate in a regular gray color. We used a deep charcoal powder release to accent the stone variation and the grout lines. This was to be done in three pours due to the drain placement and the amount of stamped concrete that was capable of being stamped with good quality in these conditions and the pattern being used. This pour was approximately 1550 square feet of concrete. We used the drain to determine the difference between the two pours.