

TerraRevo Builders Overcomes Challenging Foundation Project in Emerald Hills

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TerraRevo Builders, a residential general contractor specializing in luxury home construction in Silicon Valley, has successfully completed a complex foundation project in Emerald Hills, California. The project faced unique challenges due to the area's dramatic elevation changes, heavy clay soil, and periods of extreme weather.

Emerald Hills is renowned for its picturesque setting, but also presents significant construction hurdles. Located at the base of the Emerald Hills Golf Course, this particular site is prone to heavy clay soil and standing water issues, especially after heavy rainfall.

To combat the standing water left over after heavy rains and soft soil resulting from months and months of continual rainfall, and to be able to move on with the project after months of resulting delays, we diverted the standing water to low points on the property and put continually running pumps in place to evacuate the water. Next, another foot of soil out of the already excavated footings and piers was taken out and replaced with rock that was compacted every few inches. To stabilize the future foundation further, the rock and dirt walls were wrapped in a geogrid material before ultimately concrete was poured over rebar cages. This allowed us to finally get on with construction after months of rainy weather and resulting delays," said Jon Condrey, the company's COO.

TerraRevo Builders has now begun framing the house and anticipates completing the large remodel and addition in approximately seven months.

The project exemplifies TerraRevo Builders' expertise in navigating complex construction challenges in the Bay Area. Their commitment to quality and innovation ensures each project is not only aesthetically

pleasing but also structurally sound and environmentally sustainable. The company has served numerous Bay Area cities like Palo Alto, Menlo Park, Atherton, and Los Altos, each with its own architectural demands and environmental considerations. TerraRevo Builders specializes in creating bespoke solutions tailored to each location's specific needs.