



**THE QUIKRETE COMPANIES
MONARCH MOUNTAIN MINERALS AND AGGREGATES LLC.
HIGHLAND SAND MINE EXTENSION
PROJECT NARRATIVE**

Monarch Mountain Minerals and Aggregates LLC., a subsidiary of The Quikrete Companies, is requesting a major modification to existing Conditional Use Permit CU 00-27M, which includes +/- 368 acres of land and +/-320 acres of non phosphate mining, currently known as the Highland Sand Mine (current DBA Highland Sand Fill Dirt & Palms).

The proposed modification is to add +/-70 acres of land (parcel 283017000000023000, and portions of parcels 283017000000021030 and 283017000000021020), north and northwest of the existing approved non-phosphate mine, increase the depth of mining and mining method (hydraulic dredging) in a portion of the approved non phosphate mine, and to add a sand processing plant with ancillary infrastructure.

The existing +/- 368 acre operation and proposed +/-70 acre extension are located northwest of the intersection at Backbone Road at Golfview Cutoff Road in Polk County, Florida. The existing driveway is located at 2761 Golfview Cutoff Road, approximately 800 feet north of Enzor Loop Road. More specifically, the site is located in Sections 16, 17, 20, and 21, Township 30 South, Range 28 East in Polk County, Florida

The site is currently zoned A/RR and is situated within the Rural Development Area (RDA) and Southeast Select Area Plan (SAP), outside of the Village Center.

The Property is predominantly made up of active and inactive citrus groves, planted pine, an active non phosphate mining operation, a tree nursery, and undeveloped lands.

The proposed operation will continue to produce sand primarily used for commercial construction aggregates, concrete, asphalt, clean fill material, FDOT and other critical regional infrastructure projects. The sand will be mined on a portion of the site using a hydraulic dredge, which will pump the product to an on-site sand processing plant to be washed, sized and stockpiled for delivery to customers by over the road commercial sand trucks. Of the +/-436 acres on site, +/-390 acres are proposed for excavation within the areas containing the minable resources. This includes the previously approved +/-368 acre site and +/- 320 acres of dry mining and mining within the +/-70 acre extension area. Of the +/-390 acres of mining, +/-166 acres are proposed for wet mining via a hydraulic dredge. Quikrete intends to mine approximately 10 to 30 acres per year depending on market conditions.

The mining activities will take place seven days per week, 24 hours per day. Truck operations will take place Monday through Saturday from 4:00 am to 5:00 PM. Ingress and egress from the site will remain via Golfview Cutoff Road, a County road that runs along the eastern extents of the property, as permitted in existing CU 00-27M. Site traffic from the proposed mine is not anticipated to significantly impact on the surrounding transportation network.