

## JOB STORY

**Mass Rock:**  
Basement Excavation  
Nashville, TN

**Dā-mite**®

**Limestone:** Area was roughly 42'x55' with 5ft of rock to be excavated. Site contractor had used 5000# hammer for 40 hours and got 1.5 ft deep in a 30x5ft wide area.

Basement was within 10-15 feet of an existing home. No "free faces". A crossed slot was drilled in the rock to create a breaking point and then the slot was extended.

**Hole diameter was 2.5"**, a presplit type pattern was drilled on the perimeter to shear the sides. Every other hole was loaded on the presplit lines.

Slot drilled to create a face.

Note Da-mite already setting in holes





Da-mite has cracked rock and collapsed slot. Notice horizontal laminations.



More than majority of limestone was dug with an excavator



Note Horizontal Fracturing



Project in final stages.

Note clean straight walls from "pre-split and how rock was broken into "chunks"



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