Regional colors and coordinating accessories are available. Contact your local Redi-Rock retailer or visit redi-rock.com to learn more about the Redi-Rock Ledgestone face today!
19.5 Foot (6 Meter) Gravity Wall Creates Access For FBI Headquarters

The Challenge
When the FBI was relocating its division headquarters near Cincinnati, the terrain at the new site included extreme grade changes, making for some challenging planning for an access road to the site. The road was slated for a tight space between an existing residential neighborhood and a major office building, which would require a 700 foot (213 meter) long retaining wall.

The Solution
“Sycamore Township chose Redi-Rock because we had a limited amount of space; we did not want to cut back behind the wall for tie-ins and we didn’t want to lose trees that were buffering the neighbors from the project,” explained Tracy Kellums, Superintendent for Sycamore Township.

Redi-Rock is known for building tall gravity walls using massive, one-ton blocks to get the job done, but this 19.5 foot (6 meter) tall wall gave engineers the chance to show just what Redi-Rock blocks are really capable of.

To reach the required 19.5 feet (6 meters) with a gravity wall, engineers at URS utilized several unique components of the Redi-Rock system to achieve a custom solution for the project without the need for geogrid reinforcement or anchors. The design began with six to eight courses of the 60-inch base blocks, continued with 9-inch setback blocks, and finished with 41-inch blocks and 28-inch blocks.

In total, the 8,000 square foot (743 square meter) wall was installed in less than three weeks, using a piece of heavy machinery and a small crew.


Your Complete Wall Solution—Each block in the Redi-Rock system is available in any texture and can coordinate in the same wall, giving you the flexibility you need.