

CLIENT:

**The Hagerman Group**  
Notre Dame University

## Project: Double Wall Core Drilling

Because of safety concerns, a double concrete wall around the perimeter of the field at Notre Dame's football stadium, which supported spectator stands, needed to be reinforced with soil anchors.



## Plan

To place wall soil anchors, 230 holes had to be drilled at a 35-degree angle through two walls 36 inches apart around the perimeter of the field. Rather than drilling 230 holes in the exterior wall and another 230 through the interior wall in a confined space, Diamond developed a plan that required only one drilling pass instead of two.

# Process

By using 10-inch diameter, 8-foot-long drill bits, Diamond was able to drill through both walls in one long pass. This planned process not only saved time but also provided accuracy and consistency of hole and soil anchor alignment for each of the 230 holes drilled.

# Outcomes

The drilling and coring process was completed on time and within budget. According to project manager Geoff Day, "Throughout the project the temperature was in the teens, yet the Diamond crews were very professional. We were very satisfied with the work and with the outcome.

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