

Central Cemetery of Brookfield, Connecticut  
PO Box 821 | 490 Federal Road  
Brookfield, CT 06804  
(203) 775-3278

November 28, 2020

Eagle Scout  
Consulting Project

Application of Pythagorean Theorem

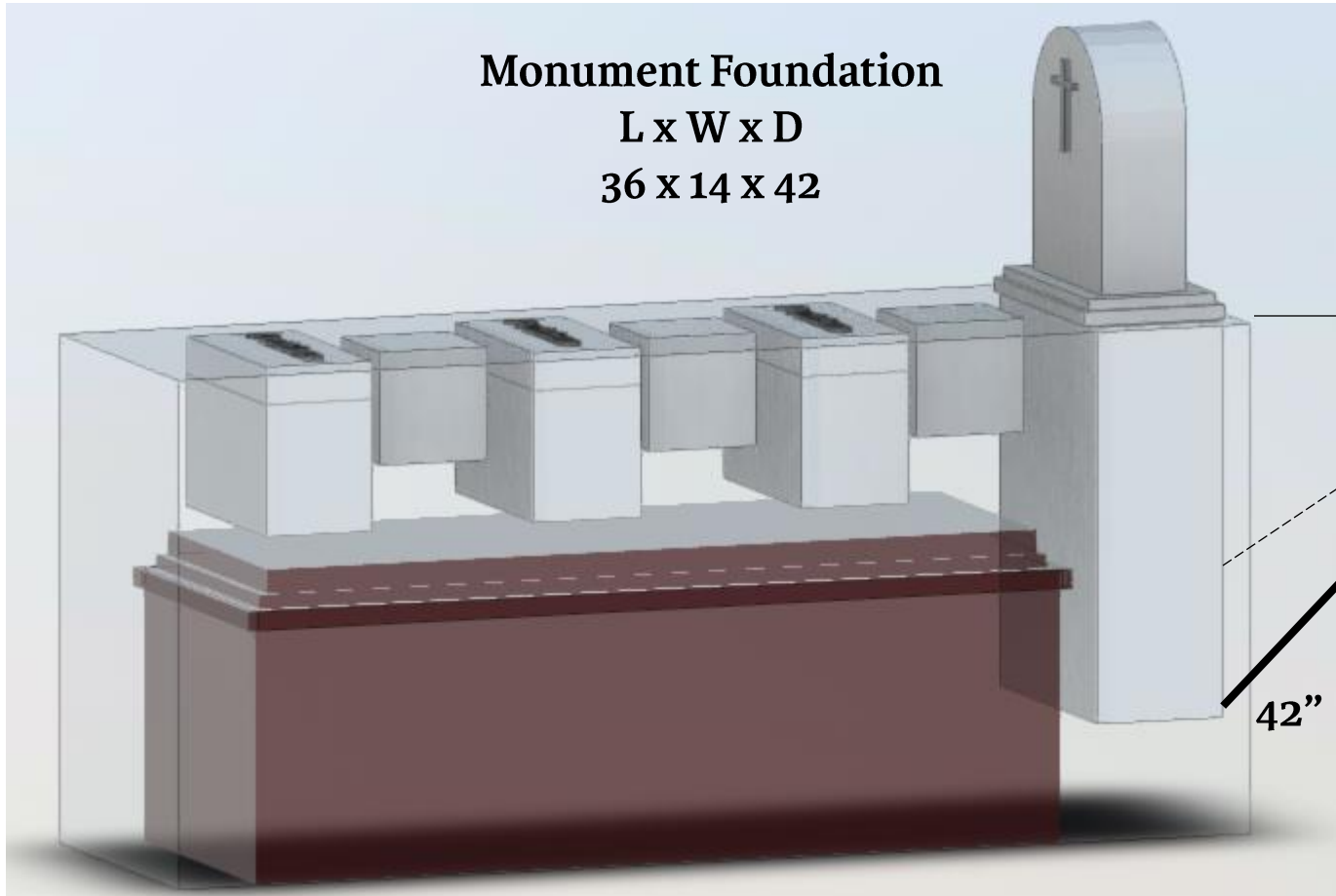
Logan White  
Ben Bogues

**Situation:** Structural Performance Failures  
**Analysis:** Determine Prevalence of Problem  
**Proposed 1<sup>st</sup> Action:** Develop Method  
**Anticipated Result:** Reproducible Approach

What angle?  
What length probe to detect if 42"?  
What actual depth if not 42"?

Monument Foundation

L x W x D  
36 x 14 x 42



1. Actual depth -----
2.  $\geq 42$  Yes/No ———

**Monument Foundation**  
Example of 42" Standard  
36 x 14 x 42 in



**The Problem:**  
Structural Performance Failure  
Non-Compliant to 42" Standard

