

## Archdiocese Residence on Charles Street

The company does a large amount of work for the Baltimore Archdiocese. They had a significant water infiltration issue into the basement of their residence building. We were asked to provide a solution based on our experience solving these problems on other buildings. We inspected the foundation, dug test pits and determined that the original stone foundation had not been waterproofed in any manner when constructed in the 1920s. The only way to solve the infiltration issues was to excavate the exterior of the entire building down to the basement slab. This required removing and storing the existing landscaping, removing and replacing sidewalks and temporarily shoring the entry portico. The existing stone foundation had to be cleaned then parged with mortar to fill all of the old joints, waterproofing was sprayed over the parging and perforated drainage board was placed over the waterproofing to drain into a pipe that extended beyond the perimeter of the building.

