



CASE HISTORY

*SAFEBASE™ STABILIZERS, ENCAPSULATION, AND
WATERPROOFING*

CRAWLSPACE AND BASEMENT TRANSFORMATION WITH SAFEBASEMENTS WATERPROOFING



SafeBasements of Minnesota was contacted regarding several issues with a historical home located in Stillwater, Minnesota. There were moisture issues throughout the basement and crawlspaces and areas with sagging floors. SafeBasements fixed all of the issues by installing an interior drain tile system, crawlspace encapsulation, spray foam insulation, a dehumidifier and a number of supplemental supports.



A total of 190 linear feet of interior drain tile was installed. The system was composed of Multi-Flow drain tile overlain with SafeBasements Combo Floor liner in the crawlspace areas and SafeEdge MAX in the basement areas. A SafeBasements MPT100 Sump Basket collected the water and it was discharged using a Pro-Series pump. An AprilAire 130 dehumidifier also was installed to reduce the moisture in the air and drained into the sump basket. 1677 sq ft of Combo Liner was installed on the floors and 875 sq ft of foil backed 90 mil liner was installed on the walls. 168 bd-ft of rim joist spray foam insulation was installed along the exterior walls. Several areas with sagging floors were supported with a total of 26 SafeBase™ Stabilizers with Light Foot XL footings. 5x3x1/4 SafeBase Waler tubing was used as supplemental beams spanning from stabilizer to stabilizer supported by SafeBase™ Beam Cradles.



Above on the left are photos of the basement and crawlspace from before the work was completed and on the right are photos from afterwards. The SafeBasements 90 mil wall encapsulation and SafeBasements combo liner on the floor transform the damp, dirty, old crawlspace into a clean, dry, radon free space. The project was completed in April of 2022.


of Minnesota Inc.
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Since 1989
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