

Forensic Engineering Capabilities

Providing the following services to the 5 state area (MN, WI, ND, SD, IA). (Seasonal work in FL)

Below is a short list of items I that have professional training and experience to handle.

TYPICAL ASSIGNMENTS (INSPECTIONS & EVALUATIONS)		TYPICAL STRUCTURES	TYPICAL BUILDING MATERIALS
Storm Damage Snow & Ice Hail Wind Tornado Hurricane Wind Hurricane Waves Floods Moisture Intrusion Fire Damage Repair or Replace Shoring Accidents Vehicle Impacts Tree Impact Blast & Explosion Construction Issues Vibration Overload Accidents Construction Defect Material Defects Construction Error	Misc. Building Issues General Deterioration Roof Evaluation Seepage Building Settlement Basement Failure Collapse Evaluation Condensation Ice Dams Vandalism Frost Heave Excessive Deflection Odd Deformations Rain Loads Thermal Movements Corrosion Fraud Investigation Lake Ice	Residential Homes Residential Condos Apartments Hotels Warehouses Factories Restaurants Hospitals Banks Retail Equipment Supports Stairs Canopies Office Buildings Docks/Marinas Shoreline Structures Signs Foundations Pole Buildings Prefab Metal Bldg. Agricultural Buildings Retaining Walls Industrial Buildings	Wood Design Dimensional Glued Lam Plywood Engineered Products Trusses Timber Steel Design Hot Rolled Steel Composite Steel Welded Trusses Cold-formed Steel Steel Plate Structures Concrete Design Plain Concrete Reinforced Concrete Post-Tensioned Pre-Stressed Fiber Reinforced Masonry Design Unreinforced Reinforced Brick



There are items that must be available at every inspection to accurately investigate a claim.

The Cat-Van is a mobile office equipped with the tools necessary to document the issues.

The goal is to provide the very best service.

Sincerely,

A handwritten signature in black ink that reads "Richard T. Abbott".

Richard T. Abbott PE, SE