



The main atrium of South Bend Marriott joins two separate buildings. These buildings rise several stories above grade. The space between the two buildings is covered by a large slope glazing system that is approximately 90 feet high at its highest elevation.

BTC was retained as a subconsultant to Building Consultants, Ltd., to evaluate reports of water leakage through the glazing system. Our scope of work consisted of a review of original design drawings and shop drawings, thorough review of the interior and exterior areas of the sloped glazing system, performing water testing, and dismantling certain components of the system to evaluate the functionality of the internal drainage system.

BTC subsequently developed repairs that consisted of installing a new elastomeric liner in the internal gutter that forms at the intersection of the two sloped sections, and application of sealant at glazing components. BTC also performed field observations during repairs. These repairs resulted in elimination of the reported leaks.

Project Name:
South Bend Marriott Atrium Skylight Repairs

Project Location:
South Bend, Indiana

Client:
Building Consultants, Ltd.

Approximate Construction Cost:
Confidential

Year Completed:
2004

Nature of Services:
Evaluation of Water Leakage Issues, Repair Design, and Construction Phase Services

