


tion walls. Considerations should be given to potential movement between the shoring and foundation walls for property line waterproofing systems.

For the bentonite to perform properly, it must be confined—in this case, between the

shoring and foundation walls. Nonetheless, the bentonite-based grouting employed and the use of urethane injection techniques to seal the CSM shoring and foundation wall voids were effective in providing a fully watertight garage. 

Amanda Prot

Amanda Prot has been involved in a variety of projects at Morrison Hershfield, including building envelope assessments (some for litigation), envelope cladding rehabilitations, and third-party review for new construction. She has worked with various cladding and glazing systems, including vinyl, brick façade, and fiber-cement siding; and storefront, curtain wall, and vinyl windows. She also has experience with below-grade, roof, and horizontal waterproofing. She has a bachelor's degree in architectural science.



Rodney Lock, RRO

Rodney Lock, RRO, has spent 19 years with a variety of architectural, civil/structural, and building engineering firms and is now employed by Morrison Hershfield in Bellevue, WA. He focuses on building envelope consultation, design reviews, and field observations. Lock, who has a bachelor's degree in architecture, has been involved in numerous green roof system applications, including new construction and retrofitting of existing structures, and offers extensive knowledge of roofing and waterproofing systems.



Stéphane P. Hoffman, PEng

Stéphane P. Hoffman, PEng, of Morrison Hershfield, has extensive technical expertise in building envelope design, rehabilitation, and historic restoration. He has been involved in condition surveys, investigation of building envelope problems, field testing of components, and extensive design and field review encompassing contract administration, trade coordination, and troubleshooting. With master's degrees in both engineering and architecture and as a professional engineer, he has extensive knowledge of building science with respect to both enclosure and roofing systems.



VOC REGULATIONS STALLED IN NEW ENGLAND

New volatile organic compound (VOC) regulation implementation scheduled for Massachusetts, New Hampshire, Vermont, and the District of Columbia will not go into effect this year as expected. VOCs found in roofing sealants and adhesives are regulated by the Environmental Protection Agency. For a current implementation schedule and local regulations, visit www.epdmroofs.org.

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