



Construction Bloopers - How to avoid them through quality control

Moderator(s): Chris Peck, CBCO

DATE: Tuesday, October 8th, 2013 TIME: 10:30 am

LOCATION: Chedoke C

GUEST SPEAKERS: Mr. Ian Shaw - Soil-Mat Engineering & Consultants Ltd., Mr. Jim Jennings - Canadian Academy Of Building Sciences Inc.

DESCRIPTION: Attending Ian Shaw, P.Eng. - Project Engineer and Director, Soil-Mat Engineers & Consultants Ltd., James Jennings, Canadian Academy of Building Sciences Inc. - The session will review common construction deficiencies in earthworks, servicing and building construction and how they can be avoided with proper construction quality control. It is intended to further an understanding of good construction practice and proper construction quality control approaches.

BIOGRAPHY: Mr. Ian Shaw, Project Engineer and Director
Ian Shaw received his B.Eng. degree in civil engineering from McMaster University in 2000, and has been licensed as a Professional Engineer in Ontario since 2005. Mr. Shaw has spent his career with Soil-Mat Engineers & Consultants Ltd. providing geotechnical and environmental consulting engineering and construction quality control services to the development and construction industry, including work for all levels of Federal, Provincial and Municipal government, private developers, school boards, and commercial and industrial clients. As a Director since 2007 Mr. Shaw is responsible for overseeing the delivery of a large portion of the company's geotechnical and construction quality control services. Over the years Mr. Shaw has been involved in a wide range of projects including residential developments, municipal servicing and roadway construction, high rise structures, institutional developments, sanitary landfills, slope stability assessments, and others. Mr. Shaw also remains active in volunteer work both within and outside the engineering community, including as an active member of the Hamilton-Halton Engineering Week Committee since 2001, participating in student programming with 2nd year civil engineering students at McMaster University, and as a guest speaker at Centennial College in 2011 and Construct Canada in 2012.

BIOGRAPHY: Mr. Jim Jennings, Building Scientist, C.E.O
Jim Jennings first worked on roofs as a student in the summer of 1967. In 1974 he started full time in the construction industry as a grout pump operator and doing concrete restoration. Jim learned concrete remediation on concrete balconies and parking garages and also epoxy injection on the cantilevered beam of the New Montreal Olympic Stadium while it was still being constructed. Mr. Jennings has spent his career learning all aspects of building sciences and has been providing his extensive expertise to architects, building

owners, contractors and engineers. Jim provides construction quality control services to developers and the construction industry, including work for Municipal governments, private developers, school boards, and commercial and industrial clients. Mr. Jennings has taken courses for certification in infrared (level 1 thermographer), mold inspection and remediation and a Building Envelope Course at Faculty of Extension at U. of A. in Edmonton in 1982. Jim is responsible for overseeing the proper application of many materials such as air barriers, spray applied foam insulation, fireproofing and friestopping, waterproofing, roofing, stucco systems plus too many applications of other to mention. Over the years Mr. Jennings has been involved in a wide range of projects including residential developments, tunnel and bridge construction, high rise structures, institutional developments, and balcony and parking garage remediations. Mr. Jennings remains active in communicating with other consultants and material manufacturers in order to try and keep up with the ever changing construction materials. Jim has had a stint as a teacher at Centennial College in 2011 and Part 1 of his Construction Bloopers Series at Construct Canada in 2012.