

CONCRETE IMAGING SERVICES

GME was founded in 1981 to serve design professionals, developers, and contractors through geotechnical engineering, materials testing, and environmental consulting. For special projects, our experienced engineers routinely provide impulse radar scanning to determine the location of rebar, post-tensioning cables and mesh, conduits in concrete slabs, walls or beams, and objects buried in soil. Similar in concept to a high-tech “fish finder,” our experienced engineer can interpret the radar imaging to locate items embedded in solid concrete and help you to avoid hitting them with the saw blade or coring bit. The impulse radar technology we employ is faster, safer, and more economical than the radiographic (x-ray) technology traditionally used.



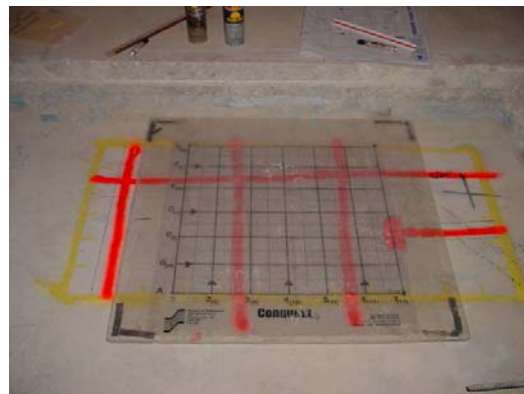
GME engineer scans the concrete slab for rebar locations



The CONQUEST Impulse Radar monitor screen shows the location and depth of embedded objects

Impulse Radar has these advantages over radiography (x-ray)

- There is no need to evacuate the building occupants to avoid x-ray exposure, thus eliminating the need to work nights or weekends at premium personnel rates
- It is much faster than x-ray – less than 20 minutes to locate a 4' x 4' area
- The embedded items are clearly marked right on the floor
- It can be used from under a slab, under a beam, or on vertical surfaces, including masonry walls



Marked out concrete slab showing locations of rebar in the slab

Special Projects Contacts

Bill Bloemendal, P.E. or
Lon Erlandson, P.E.
GME Consultants, Inc.
Minneapolis, Minnesota
(763)-559-1859
800-795-8523

Terry Norlen
GME Consultants, Inc.
Duluth, Minnesota
(218) 722-4323
800-967-2053



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