



SOUTHWEST
Inspection & Testing

Continuous Inspection & Materials Testing

10826 South Norwalk Blvd., Santa Fe Springs, CA 90670
(310) 941-2990 • (714) 526-8441
FAX (310) 946-0026

December 27, 1995

Mr. Thomas K. Harp
Building Official/Planning Director
City of Hesperia
15776 Main Street
Hesperia, California 92345

Re: Observation and monitoring of load testing for Cal-Earth Domes
and Vaulted Structures.

Dear Mr. Harp:

On December 12 and 13, 1995 Mr. Jim Honaker of Southwest Inspection and Testing observed and monitored the load testing of sandbag domes, masonry domes and sandbag vaults structures, located at the Cal-Earth research site in Hesperia, California. The testing procedures incorporated were submitted by P.J. Vittore, Ltd. and were approved by the City of Hesperia Department of Building and Safety and The International Conference of Building Officials (ICBO). Dynamic load testing was performed on the sandbag dome, masonry dome and sandbag vaulted structures, on the center wall and outside wall. Static load testing was performed on the sandbag vaulted structures. Testing was performed by Mr. Phil Vittore of P.J. Vittore, Ltd. and various trained personnel from Cal-Earth.

This letter is to certify that the testing was done in accordance with the procedures submitted by P.J. Vittore, Ltd. and the results were accurately recorded and attached hereto. All tests have exceeded the ICBO and City of Hesperia requirements. Our observation was done as a third party inspection, with no financial or any other interest in the products tested. If you should have any questions, please do not hesitate to call.

Sincerely,

Jim Honaker
Deputy Inspector

JH/SLG:jm

CC: Nader Khalili, Cal-Earth

Reviewed By,

Steven L. Godbey
President