

GEOTECHNICAL ENGINEERING SERVICES



To provide you with the information necessary to make the best foundation design decisions, The Murillo Company offers comprehensive geotechnical investigation of the earth beneath the surface of your property or “subsurface strata.”

Our site investigations include recognized methods of exploration such as disturbed, undisturbed and rock core sampling. Samples obtained during field exploration are transported to and tested in our state-of-the-art laboratory.

After completion of laboratory testing, The Murillo Company professionals prepare clear, comprehensive analyses and engineering reports for our customers. As part of these reports, we recommend foundation and/or pavement designs that are best suited for the site in question.

OUR GEOTECHNICAL ENGINEERING SERVICES INCLUDE:

- SITE INVESTIGATION AND EVALUATION
- RECOMMENDATION FOR THE MOST SUITABLE FOUNDATION TYPE
- SLOPE STABILITY STUDIES
- FAULT STUDIES
- PAVEMENT THICKNESS DESIGN
- INSPECTION AND QUALITY ASSURANCE OF FOUNDATIONS
- INSTRUMENTATION OF SITE AND STRUCTURES
- FAILURE INVESTIGATIONS

ENVIRONMENTAL SERVICES

Environmental Site Assessments are critical to understanding the historical use of a real estate parcel. Our qualified field professionals can help identify any environmental aspects of a piece of property that may require remediation or present future liability. Also, if environmental concerns escalate as a review progresses, The Murillo Company’s Environmental Services organization has the expertise and resources necessary to address the additional demand.

As part of our detailed review process, The Murillo Company engineers and associates follow applicable American Society for Testing and Materials (ASTM) Standards of Practice for Phase I Environmental Site Assessments (ASTM E1527).



OUR ENVIRONMENTAL SERVICES INCLUDE:

- ENVIRONMENTAL SITE ASSESSMENTS (ESA), PHASES I AND II
- OIL AND GAS WELL INVESTIGATIONS AND REMEDIATION
- UNDERGROUND TANK SURVEYS AND REMEDIATION STUDIES
- MONITORING WELL INSTALLATIONS
- REMEDIATION OF SOILS AND GROUNDWATER
- HAZARDOUS MATERIALS MANAGEMENT
- ASBESTOS SURVEYS AND ABATEMENT
- WETLANDS DETERMINATIONS
- REGULATORY COMPLIANCE
- LANDFILL STUDIES

MATERIALS TESTING AND INSPECTION SERVICES



The Murillo Company’s team of experienced inspection professionals has a thorough understanding of construction methods, enabling them to provide expert guidance on both new construction projects and existing buildings. Our qualified technicians, who are certified by the National Institute for Certification of

Engineering Technologies (NICET), conduct numerous tests in the field to determine building integrity. Construction materials are tested in our laboratory, which has been accredited by the American Association for Laboratory Accreditation (A2LA).

Upon completion of our investigation, we promptly provide our clients with clear and precise reporting of field inspection and testing results.

OUR MATERIALS TESTING AND INSPECTION SERVICES INCLUDE:

- MATERIALS EVALUATION
- CONCRETE TESTING AND INSPECTION
- SOIL TESTING AND INSPECTION
- STABILIZATION TESTING AND INSPECTION
- ASPHALTIC TESTING AND INSPECTION
- STEEL TESTING AND INSPECTION
- DRILLED AND UNDERREAMED PIER INSPECTION





THE MURILLO COMPANY

The Murillo Company is a leading engineering firm that provides geotechnical engineering, environmental site assessment, and materials testing and inspection services. Founded in Houston, Texas in 1967, The Murillo Company's team of professional engineers and associates has extensive knowledge of the soil properties and environmental challenges specific to residential and commercial construction projects in Houston and throughout the Gulf Coast Region.

OUR SERVICES INCLUDE:

- **GEOTECHNICAL ENGINEERING SERVICES**
- **ENVIRONMENTAL SERVICES**
- **MATERIALS TESTING AND INSPECTION SERVICES**

From assisting our clients with their environmental assessments or foundation and pavement design, to inspecting the integrity of existing buildings and ensuring the quality of new construction, The Murillo Company has the engineering knowledge, experience and team of dedicated professionals needed to see your project through to final completion.



THE MURILLO COMPANY

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