



Electrical Testing Interior Air Contaminants Reinforcing Steel Mapping Energy Efficiency Audit Historical Preservation Concrete Corrosion Scan Sound and Vibration Test Roof Membrane Testing Infrared Thermal Imaging



Post-Tensioning Assessment Railings Load Test Expansion Joints Test Reserve Study Seawall Repairs QC Roofing Quality Control Laboratory Testing Turn-Over Inspection Masonry Testing



Roof Moisture Scanning Electronic Control Test Fresh Concrete Testing Concrete Strength Testing Glazing Inspection Concrete Voids Mapping Garage Concrete Repairs QC Illumination Testing Balcony Repairs QC

CONSULTING ENGINEERS

CONSTRUCTION QUALITY ASSURANCE

BUILDING MATERIALS TESTING LABORATORY



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TESTING FOR BUILDING PERFORMANCE

PRESERVATION AND

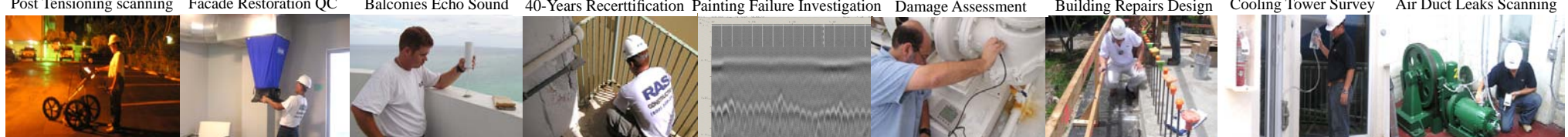
DURABLE RESTORATION



Moisture Impedance Test Fire Sprinklers Concrete ASR Test Windows Deluge Testing Historical Buildings Seawall Assessment Post-Tensioning Repairs QC Steel Corrosion Test Refrigeration Eqpt Testing



Post Tensioning scanning Facade Restoration QC Balconies Echo Sound 40-Years Recertification Painting Failure Investigation Damage Assessment Building Repairs Design Cooling Tower Survey Air Duct Leaks Scanning



Underground Utilities Scan Air Test and Balancing Cladding Permeability Concrete Chlorides Test Ground Penetrating Radar Plumbing Testing New Post-Tensioning QA Sealants Testing Elevator Testing



Envelope Deluge Testing Structure Strengthening Curtain Walls Repair QC Fire Insulation Survey Expansion Joints Testing Interior Leaks Scanning Concrete Pull-Out Test New Construction QA Concrete Carbonation Test

LEADERSHIP

EVERY NEW HUMAN AGE INCREASES THE KNOWLEDGE AT A RATE OF 500% IN COMPARISON WITH THE PREVIOUS AGE. MORE KNOWLEDGE LEADS TO MORE SOPHISTICATION. WE ARE AT THE END OF THE COMMUNICATION AGE AND AT THE BEGINNING OF WHAT IS NOW CALLED THE WISDOM AGE.

CHALLENGES IN THIS NEW AGE FOR BUILDING OPERATION ARE ENERGY, POLLUTION, NEW BUILDING MATERIALS THAT AFFECT THE PHYSICAL AND MENTAL HEALTH OF THE COMMUNITY, HUNDREDS OF BUILDING CODES, STANDARDS AND REGULATIONS CONTINUOUSLY CHANGING DUE TO RESEARCH ABOUT THE BUILDING DYNAMICS, CATASTROPHIC NATURAL AND MAN-MADE DISASTERS, NEW RENEWABLE MATERIALS NOT TESTED BEFORE FOR COMPATIBILITY. MANY OF THESE ITEMS INTERACT WITH EACH OTHER, FOR EXAMPLE A POOR CONDITION OF THE BUILDING FACADE MAY AFFECT THE QUALITY OF THE INDOOR AIR, INCREASING ENERGY SPENDING, DETERIORATING THE INTERIOR'S MATERIALS, AFFECTING THE HEALTH OF THE OCCUPANTS BY INCREASING MOISTURE, NOISE, INFILTRATION OF AIR POLLUTANTS, ODORS, RODENTS, BACTERIA, ETCETERA. OUR COMMUNITY WAS EDUCATED TO SEE AN ENGINEER AS A DESIGNER FOR BUILDING CODE COMPLIANCE. YOU SHOULD EXPECT MORE THAN THAT BY HIRING RAS.



BUILDING COMPLIANCE

TURN-OVER INSPECTION

FACADES ASSESSMENT

40-YEARS SAFETY RECERTIFICATION

5-YEARS ENGINEER RESERVE REPORT

FACADES STRUCTURAL GLAZING

RAILINGS SAFEGUARD INSPECTION

EMERGENCY POWER GENERATOR

ROOF ANCHOR'S TIE BACK TESTING

LIFE AND SAFETY INSPECTION

FIRE SPRINKLERS TESTING

WATER BACKFLOW PREVENTERS

ROOF ANNUAL INSPECTION

ELEVATOR INSPECTION

PARKING LOT ILLUMINATION TESTING

BALCONY UPLIFT TESTING

ROOF MOISTURE TESTING

ROOF MEMBRANE UPLIFT TESTING

CODE COMPLIANCE INSPECTION

PHASE I ENVIRONMENTAL

SPECIAL INSPECTION SERVICES

INSURANCE DAMAGE ASSESSMENT

PROJECT MANAGEMENT

FORENSIC ENGINEERING

VALUE ANALYSIS

MAINTENANCE PLANNING

BIDS EVALUATION

BUDGET COST ANALYSIS

RAS

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