

## 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