





Global Service for a Global World (SM)







London Office No. 1, Grosvenor Crescent

We provide architectural, engineering, financial and management expertise for the construction industry. The Wheatley Companies (SM), together with our network of Strategic Partners, Wheatley Global Partners (SM), offer:

- Management consulting to structure project management
- Professional services to resolve issues
- Architecture and engineering design expertise to resolve problems
- Issue analysis to support dispute resolution
- Schedule analysis using Time Impact Analysis (TIA) to resolve delay claims
- Expert testimony for litigation
- Management and coordination of experts for litigation
- We provide services worldwide.

#### THE CHAIRMAN'S MESSAGE

As Chairman of The Wheatley Companies (SM), I urge you to visit and study our Internet site at <a href="http://www.WheatleyUK.com">http://www.WheatleyUK.com</a> or <a href="http://www.WheatleyUS.com">http://www.WheatleyUS.com</a>. To clients undertaking business and construction projects, we provide expert management, architecture and engineering consulting services for the resolution of problems and contract disputes. To attorneys, we provide expert analysis along with the coordination and management of expert services for litigation.



William Arthur Wheatley Chairman







### Introduction

WHEATLEY US LIMITED and its UK affiliate, WHEATLEY UK Global Service for a Global World (SM) LIMITED ('THE WHEATLEY COMPANIES (SM)'), offer specialised management consulting services - providing solutions worldwide for problems on major projects.

We are experts in problem identification, mitigation and resolution. We understand the acquisition and restructuring of companies. Among our specialities is the identifying of design errors and omissions and their mitigation on active projects. We can perform this function for the design firm involved, for the owner or for the contractor. Because many projects that experience design errors and omissions end in litigation, we have experience documenting the facts and solutions in a thorough manner to support a possible future litigation effort. We are experts in contract claims prevention, preparation, prosecution and defence for a variety of clients.

means packaged professional consulting services from a variety of disciplines through WHEATLEY GLOBAL PARTNERS (SM)

You don't have to go to a very large consulting firm to get this advantage!



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### Wheatley Global Partners (SM)

Global Partners and Alliances

large-firm capability and small-firm economy

By forming strategic partnerships and alliances with business architects, construction specialists, specialists, engineers, accountants, quantity surveyors, lawyers and solicitors around the world, we gain the ability to package all the disciplines, but only the disciplines, needed by our clients, in the location needed. This enables us to compete directly and economically with the largest consulting and accounting firms. We can perform at least as well as any of them, while maintaining the efficiencies and economies of small-firm structure. Our strategic partners and strategic allies, with whom we have established working relationships, are international firms who share offices with us around the globe on an as-needed basis. Together, Wheatley Global Partners (SM) provide a global presence and depth of resources equal to the tasks our clients bring us.

Strategic Partners Wheatley Global Partners (SM) include the following strategic partners in addition to The Wheatley Companies (SM):

- CONSTRUCTION SOLUTIONS INTERNATIONAL, LLC ('CSI') are specialists in project management consulting, project financial analysis and in damages valuation for construction litigation consulting.
- COPE LINDER ARCHITECTS are US-based architects specialising in all types of commercial projects, including urban mixed-use projects and historic preservation/adaptive re-use projects.
- STAPLETON INTERNATIONAL, LTD. are UK-based project management and quantity surveying consultants.
- MIDDLE EAST INTERNATIONAL CORPORATION ('MEIC'), a trading and consulting firm based in London and Baghdad.

Strategic Allies

Our strategic allies include a variety of accountancy, design, construction and law firms. We will provide names of prospective firms for your project upon request.







### HISTORY

Our story begins with the formation of WHEATLEY & ASSOCIATES, Company Formation, 1974 ING. in Houston, Texas, in 1974, by William A. Wheatley, an architect with experience in several design firms. Wheatley & Associates, INC. performed design and construction management services internationally until 1981. From 1981 to 1984, founder William A. Wheatley practised as a part of Bechtel, then resumed management of WHEATLEY & ASSOCIATES from February of 1984 until 1987, when Mr. Wheatley transferred his practise to an engineering firm in Pennsylvania, where he performed architectural design and project management, and then to the construction management and claims consulting division of the engineering firm in 1990. In February of 1997, he and two other partners bought the division that employed them and took it out as a private company. He then practised as a Principal in that re-structured consulting firm until November of 2000, when he left the firm and reorganised Wheatley & Associates, Inc. as a Pennsylvania Corporation. He moved his consulting practice to it. In December of 2001, the company name changed to Wheatley US Name Change and LIMITED and the UK affiliate, WHEATLEY UK LIMITED, was formed in Formation of UK Affiliate January of 2002.

Throughout our history, The Wheatley Companies (SM) have earned a Growth of Reputation sterling reputation as professionals of quality and experience, and project management consultants of skill and effectiveness. We continue to employ the extensive experience and specialised project skills of our diversified professional consultants to plan and implement solutions globally for business and construction projects large and small.

Throughout our history The Wheatley Companies (SM) have provided Global Service and unique skills, concepts and methods, to meet the challenges of complex projects. We have the ability to address the intensive and demanding tasks of problem resolution for large-scale projects anywhere in the world, while simultaneously dealing with small projects in a costeffective manner.

Through Wheatley Global Partners (SM), we can bring to bear Wheatley Global Partners (SM) considerable resources, while maintaining small-firm efficiencies. As a result, we are able to provide a level of service that our clients recognise as providing exceptional value, comparable to the world's largest consultancy firms.



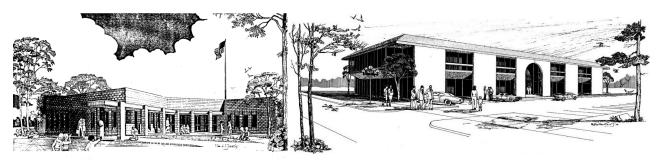




#### Project Design Experience

Engineering Design

Architectural and WHEATLEY consultants have extensive architectural and engineering experience in the design of a number of project types. With design experience involving more than forty school projects in Texas, Pennsylvania and New Jersey, we are among the more experienced firms in the area of school design. We have designed university facilities as well, including biological research laboratories. Our experience in the design of research laboratory facilities and pharmaceutical pilot plants demonstrates our ability to perform projects with highly technical requirements. We have designed buildings for refinery projects, power plants, petrochemical plants, and military facilities as well, and we have headed design teams that included the process design for oil and gas, refinery, pharmaceutical, and industrial projects. Hospitals and clinics, office buildings, distribution centres, airports and recreational resort facilities all fall within our range of experience and capabilities.



School Design by Wheatley

Office Building Design by Wheatley

Our design experience includes the following:

Experienced in a wide variety of project types

- Single and Multi-Family Housing
- Schools and University Facilities
- Biological and Pharmaceutical Research Laboratories
- Retail and Office Buildings
- Hotel and Resort Planning and Design
- Town Planning
- Water and Wastewater treatment plants
- Power Plants (Conventional and Nuclear)
- Oil & Gas Projects
- Refinery Projects
- Petrochemical plants
- Pharmaceutical Plants

Global Service for a Global World (SM)





#### Project Consulting Experience

The diversified project consulting experience of Wheatley Consultants have realconsultants includes the following project types:

world experience

Business acquisition and restructuring

Electrical Power Nuclear and Conventional Power

Water & Waste Treatment Water and Wastewater Treatment

Petrochemical and Process Plants

Oil and Gas Projects Chemical, Industrial and

Pharmaceutical Process Plants Biological Laboratories and Research Facilities

Pharmaceutical Facilities

Health Care Projects Hospitals and Clinics

Commercial Projects Office Buildings and Commercial Building Complexes

Restaurants and Retail Stores

Residential Multiple-and Single Family Residential Development

Prisons and Correctional Facilities

**Automotive Assembly Plants** 

Transportation Airport, Rail and Transportation

Military Construction and Technology Projects Computer, Software,

Information and Software Systems Development, and Integration

Communications Systems Microwave, Fibre-Optics and Communications







#### Dispute Consulting Experience

experience qualifies us as

Design and construction Unlike many of our competitors, we have gained our knowledge and ability with claims and disputes in the extensive, real-time, hands-on experience of our people in business, design and construction projects. As a result, we obtain a significant portion of our work by referrals and repeat assignments from established clients. Our qualifications spring from our professional experience. We have a strong history investigating and resolving the following types of claims and disputes:

Our litigation consulting experience is extensive





- Design Errors and Omissions
- Delay
- Disruption
- Suspension
- Acceleration
- Labour Disruption and Inefficiency
- **Environmental Contamination**
- **Differing Site Conditions**
- Changed Scope, Constructive Change
- Design Changes
- Change Orders
- Cardinal Change
- Termination for Default
- Termination for Convenience
- **Cost Overruns**
- Defective Performance
- **Quantity Surveys**
- Valuation of Damages
- **Product Failures**
- Structural Failures
- Mechanical System Failures
- **Electrical System Failures**
- Control System Failures
- Fire Control and Suppression System Failures
- Fire and Explosion Incidents
- Military Procurement
- **Business Interruption**
- Real Estate Tax Valuation
- Forensic Accounting
- Due Diligence Investigations for Investors, Banks, Insurers, and Sureties



## Management Consulting. DISPUTE AVOIDANCE AND RESOLUTION

WHEATLEY consultants assist clients to manage business and Business Management construction projects and to prevent and resolve disputes through partnering, direct negotiations, dispute review boards, mediation, arbitration and other Alternative Dispute Resolution Dispute Resolution (ADR) methods. Our experience in management qualifies us to assist in business acquisitions and restructuring. We also help clients to avoid disputes by performing design constructibility reviews, remedial design, pre-contract project review, project oversight and monitoring, as well as implementing improvements to quality control procedures.

Dispute Prevention

Our extensive experience enables us to meet the challenge of Understanding technical issues is understanding the implications of highly technical issues for highly technical projects. We supplement our staff through our Strategic Partners' and Allies' engineering, construction and accounting forces to provide a depth of business and project management, engineering, construction, accounting and legal resources to clients around the world.

the key!

We have extensive experience with government procurement and construction projects.







#### PROBLEM REMEDIATION

Phased, Systematic WHEATLEY'S phased, systematic approach, developed in our more Approach than three decades of experience, gives structure to our business and project remediation assignments for business and construction projects:

- Problem Assessment, Information Gathering and Testing
- Technical Analysis and Evaluation of Alternative Solutions
- The Design of Specific Solutions
- Management Oversight to Implement the Solution
- Documentation and Analysis to Support Litigation

Problem Assessment Problem Assessment, Information Gathering and Testing: We perform an expeditious technical and/or financial audit of the project to reach an initial assessment that is meaningful to our client, useful to its counsel, and that facilitates strategic decisions and the efficient execution of the remaining tasks.

The Root of the Problem

Usually, problems have their roots in the conceptual design of the project. This is true both of business and construction projects. We identify initially the strengths and weaknesses of the existing design and explore ways to modify it in a cost-effective manner to solve the problem. Both our client and its counsel benefit by receiving analysis and data upon which to develop strategy, begin negotiations, structure dispute resolution and plan for the possibility of court trial. We review the key project documents, focusing special attention on the problems in the design and implementation of the project. Frequently, we find faulty implementation where the implementation team had alleged design error, and design error where the design team had alleged defective implementation. We rely on key project documents like meeting minutes, change orders/variations, schedules, project cost estimates, budgets, quantity surveys and incurred cost reports to determine what happened and when it happened. We meet with and interview key project personnel for additional background information. We conduct invasive investigation and testing when required. Based on our initial assessment, we develop a detailed work plan. We document our findings thoroughly to preserve the facts for possible litigation.





#### Technical Analysis and Evaluation of Alternative Solutions: Technical Analysis

WHEATLEY consultants develop a clear understanding of the nature of the defects in the design and/or implementation. We perform detailed analysis and evaluation of alternative remedial regimes, including evaluation of costs and value engineering. We propose cost-effective solutions to our client and describe the available alternatives so the client can make reasoned decisions as to how to proceed to complete the project.

The Design of Solutions: Based on decisions reached during the Designing the Solution technical analysis phase, we develop the business plan or the drawings and specifications required to implement the chosen solutions. Where possible, we accomplish this through, or in cooperation with, the original project designers.

Management Oversight to Implement the Solution: Our Implementing the Solution

experience in project management enables us to provide management oversight for the implement the project solution that was developed during the analysis phase.

By careful review of project design along with the project implementation plan, we can advise solutions that will eliminate crossed pathways and pave the road to a successful project completion.







#### SKILLED PROJECT MANAGERS

Experienced We are experienced project managers for business and construction projects. Since the formation of the first Wheatley company in 1974, we have provided construction management services in the US International and abroad. We know how to plan, schedule, organise, control and supervise the implementation of major projects. We have testified as experts in construction litigation where management of the project was among the issues of the litigation. We have experience in power plants, construction in managing industrial petrochemical plants, residential projects, water and wastewater treatment, rail, roads, tunnels and bridges, schools, hospitals, airports and recreational facilities. For management and consulting assignments, Wheatley consultants work with clients to provide successful on-time and in-budget completion of business and construction. Through strategic partners, we can provide on-site management staffing to assist our clients.

On Lite Assistance

Project Management Wheatley consultants provide project management services for business and construction projects. We can perform these functions as a company, but we also can provide selected, pre-qualified individuals and teams of individuals through strategic ally companies, on a contract basis, to supplement our clients' forces.

- Management of Project Design
- Project Management or Oversight
- Cost Control/Reporting
- Contract Administration, Change Management
- Inspection/Quality Assurance
- Constructibility Review
- Design Review and Bid Packaging
- **Document Control**
- Claims Avoidance/Analysis
- **Contract Compliance Auditing**
- CPM Scheduling, Monitoring and Management
- Project Control Systems
- Value Engineering/Life Cycle Cost Analyses
- **Quality Management**
- **Project Close-out**
- Cost Estimating
- **Operational Monitoring**



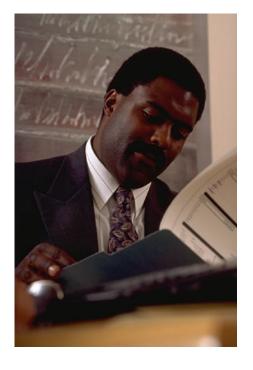


#### EXPERT TESTIMONY

When disputes arise, Wheatley consultants provide clients with Assistance to Counsel expert testimony, support and analysis for litigation. This includes providing testimony in pre-trial depositions and in court trials, as well as assisting attorneys to prepare for cross-examination of opposing experts. We help clients draft the technical wording for briefs and legal filings and participate in negotiations, mediations, mini-trials, summary trials, arbitration and other alternative dispute resolution proceedings where the format for expert opinion presentations, and the related exhibits, must be structured to the forum. Our consultants have provided expert testimony in Expert Testimony the US in state and federal venues as well as international venues, including international arbitration in Switzerland. We are among International Arbitration the few western firms to have consultants who have presented evidence in Saudi Arabia under Shariah rules and Shariah Law.

Shariah Law Experience

Our expert witnesses have sterling reputations as professionals in business and construction.





Contact us and we will provide a list of court judgements our expert witnesses have won for our clients.





#### SEMINARS AND TRAINING

Solutions to Clients



William Wheatley Addressing the World Economic **Development Congress** 

We can develop seminars to suit a client's requirements.

Our Seminars Provide Experienced in the areas of project design, project management, contract claims prevention, construction management, procurement and manufacturing, WHEATLEY consultants offer solutions to the most common problems facing businesses today. We understand and can teach the management of any process that can be characterised as a project. We teach, often in association with our strategic partners and allies, interactive seminars and conferences. Our students learn a comprehensive methodology on avoiding, minimising and mitigating mistakes and oversights that often prove costly and time-consuming to a project.

> Topics cover all areas of contract administration, design, project, and construction management. They include:

- Scope Definition and Specifications
- Design Management
- **Contract Formation**
- Project Planning and Scheduling
- Project Management
- Strategies for Claims Prevention, Avoidance and Mitigation
- Negotiation Strategies for Change Orders
- Dispute Resolution
- Cost, Price and Economic Analyses
- Implementation of Technical and Business Solutions



Our seminars help clients learn management skills that prevent project lailures.





### SUMMARY

Wheatley consultants possess a level of qualifications and experience to undertake the solution of problems for a wide variety of business, design and construction project types.

Strategic partnerships and alliances with other firms provide a depth of resources approaching that of the large consulting firms without the overhead of a large firm. This enables Wheatley consultants to provide a high quality of service efficiently and economically.

We can especially be effective on remediation projects because of our experience in the litigation of project disputes. We know what types of information must be captured and documented in order to help our clients prepare for (and prevent) the possibility of litigation. When our clients retain us as experts for litigation matters, we bring a depth of real-world professional and project experience few other consulting firms can boast.

WHEATLEY specialise in providing technically sound, cost-effective and innovative solutions to problems, and professional consulting services of the highest quality to prevent and resolve disputes. We look forward to assisting you with your projects.







### Office Locations

#### WHEATLEY US LIMITED

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Fax +1 610 667 5174
Toll Free (inside the US) +1 877 WHEATL-1
eMail w.wheatley@WheatleyUS.com

#### NEW ENGLAND REPRESENTATIVE

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#### **HOUSTON REPRESENTATIVE**

Attention: Mr. Charles A. Wheatley 4319 Duesenberg Ct. Pearland, TX 77584, USA Tel. +1 832 528 1678 eMail c.wheatley@WheatleyUS.com

Wheatley US Limited is a corporation organised under the laws of the Commonwealth of Pennsylvania in the United States of America. It is an independent corporation and not a subsidiary of Wheatley UK Limited.

#### WHEATLEY UK LIMITED

http://www.WheatleyUK.com Company Number 4349107

> Registered Address 20-22 Bedford Row London WC1R 4JS, UK

#### LONDON OFFICE

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