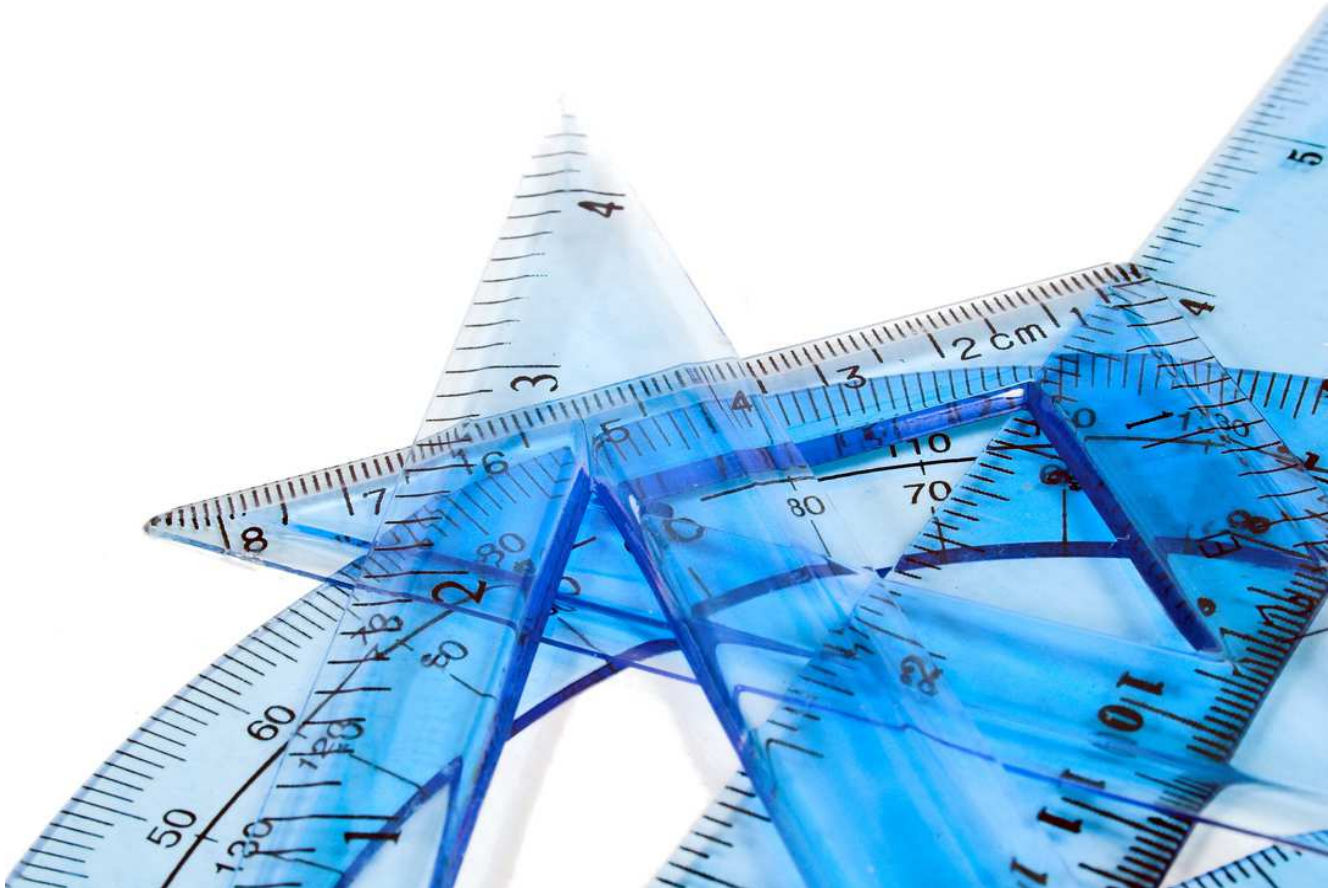




**Bates &  
Associates, Inc.**

**Civil Engineering · Land Surveying · Landscape Architecture**

**2016  
STATEMENT  
OF QUALIFICATIONS**



**Phone: 479-442-9350 7230 S. Pleasant Ridge Dr., Fayetteville AR 72704 Fax: 479-521-9350**

**[www.batesnwa.com](http://www.batesnwa.com)**

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## **COMPANY CONTACT INFORMATION**

**Company Name:** Bates & Associates, Inc.

**Phone:** 479-442-9350

**Address:** 7230 S. Pleasant Ridge Drive

**Fax:** 479-521-9350

**City:** Fayetteville

**State:** Arkansas

**Website:** [www.batesnwa.com](http://www.batesnwa.com)

**Zip Code:** 72704

**Tax ID:** 20-3676381

**Engineering Contact:** Geoffrey Bates

**Email:** [geoff@batesnwa.com](mailto:geoff@batesnwa.com)

**Surveying Contact:** Derrick Thomas

**Email:** [derrick@batesnwa.com](mailto:derrick@batesnwa.com)



## **EXECUTIVE SUMMARY**

**Bates & Associates** is a professional civil engineering, consulting and land surveying firm located in the heart of Fayetteville, Arkansas, the community we call home. Bates & Associates was formed to meet the increasing demand for civil engineering and land surveying services in this region. Our goal is to be the finest provider of site-design/civil engineering and land surveying services available.

**Our mission** is to perform for our customers the highest level of quality engineering and surveying services at fair and market competitive prices. \* To ensure the longevity of our company through repeat and referral business. \* To maintain the highest levels of professionalism, integrity, honesty and fairness in our relationships with our customers.

To accomplish our mission, we provide our employees with an honest and helpful working environment, where every employee individually and collectively, can dedicate themselves to providing our customers with exceptional service, extraordinary workmanship, and the highest of professional integrity.

The Bates & Associates staff consists of 10 employees including Professional Civil Engineers and Engineering Interns, Professional Land Surveyors and Land Surveyors in Training, Registered Landscape Architect, CAD Technicians, Survey Crews, and a Construction Inspector. We may not be the biggest in the industry, but every day we work hard to be the best.

We offer great experience in the following areas:

### **Civil Engineering**

Street, Water, Sewer & Storm Sewer Design  
Site Analysis  
Concept Plans  
Municipal, Commercial & Private Land Development  
Large Scale Development Plans  
Site Improvement Plans  
Grading & Drainage Plans  
Construction Observation & Inspection

### **Surveying**

ALTA Surveys  
Boundary Surveys  
Topographic Surveys  
Lot Surveys  
Lot/ Tract Splits  
Property Line Adjustments  
Construction Staking & Layout  
Elevation Certificates

We would like to reassure you that every project we take on is prioritized from start to finish. Our primary focus is to complete our projects within a specified time frame and at or below the project budget. Our clients can be confident in our competitive edge and effective project management because we know that making a positive impact on this community is a goal we can accomplish together.

---

Geoffrey H. Bates P.E.

---

Derrick L. Thomas P.S.

## **QUALIFICATION STATEMENT**

Bates & Associates, Inc. is experienced and well qualified to provide engineering and surveying services for the items selected below.

1) The following options appropriately apply to the proposing firm:

<input checked="" type="checkbox"/> Airport	<input type="checkbox"/> Natural Resource Planning
<input type="checkbox"/> Architecture	<input type="checkbox"/> Parking Decks
<input type="checkbox"/> Bridges	<input type="checkbox"/> Parking Decks with mixed use
<input checked="" type="checkbox"/> Civil/Structural Design	<input checked="" type="checkbox"/> Storm Water Management
<input checked="" type="checkbox"/> Construction Management	<input checked="" type="checkbox"/> Street Intersection Improvements/Design
<input checked="" type="checkbox"/> Drainage Design, Analysis, & Planning	<input checked="" type="checkbox"/> Structural Design
<input type="checkbox"/> Electrical	<input type="checkbox"/> Structural Design: Emph in Fire Stations
<input type="checkbox"/> Environmental Analysis, Remediation, & Permitting	<input type="checkbox"/> Structural Design: Emph in Police Stations
<input type="checkbox"/> Environmental Water Services	<input checked="" type="checkbox"/> Surveying
<input checked="" type="checkbox"/> Floodplain Services	<input type="checkbox"/> Sustainability Design
<input checked="" type="checkbox"/> GIS Mapping	<input type="checkbox"/> Testing Services: Materials
<input checked="" type="checkbox"/> Geotechnical Engineering	<input checked="" type="checkbox"/> Testing Services: Soil
<input checked="" type="checkbox"/> Hydraulics	<input type="checkbox"/> Traffic Studies
<input checked="" type="checkbox"/> Hydrology	<input type="checkbox"/> Value Engineering
<input type="checkbox"/> Interior Design	<input checked="" type="checkbox"/> Wastewater Design
<input type="checkbox"/> Landscape Architecture	<input type="checkbox"/> Wastewater Management
<input checked="" type="checkbox"/> Master Planning: City/Government	<input type="checkbox"/> Water Management
<input checked="" type="checkbox"/> Master Planning: Parks	<input type="checkbox"/> Water Quality Monitoring
<input checked="" type="checkbox"/> Master Planning: Streets	<input type="checkbox"/> Wetlands
<input checked="" type="checkbox"/> Master Planning: Wastewater	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Master Planning: Water	<input type="checkbox"/> Other:
<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other:

2) I, as an officer of this organization, am duly authorized to certify the information provided herein is accurate and true.

Geoffrey H. Bates, P.E.  
Printed Name

\_\_\_\_\_  
Signature

President of Engineering  
Title

March 15, 2016  
Date

## **QUALIFICATION SUMMARY**

**Bates & Associates** has many years of experience in civil design work and land surveying. The work includes streets, drainage, storm sewer, sanitary sewer, water mains, grading, erosion control, SWPPP, boundary surveying, topographic surveying and construction staking.

The following is a brief list of projects including work performed, budget and completion time:

**Tyson Distribution Center, Rogers** (drainage channel and parking lot drainage)

Work required: Boundary & topographic survey, drainage design, storm sewer design, construction management and inspection, cost estimating.

Estimated Cost: \$210,000.00

Actual Cost: \$212,000.00

Estimated Completion Time: Three Months

Actual Completion Time: Three Months

**Randall Wobbe Tyson Plant Drainage, Springdale** (parking lot drainage)

Work required: Topographic survey, drainage study and appropriate design  
Construction completed by Tyson

**Farmington Sports Complex Phase I, Farmington, AR** (6 Field Baseball & Softball Facility)

Work required: Boundary & topographic survey, site grading design, storm sewer design, water & sewer main design, construction management and inspection, cost estimating.

Estimated Cost: \$445,752

Actual Cost: \$378,926

Engineering plans began on June 26, 2010 and completed for bid on July 29, 2010

**Farmington Sports Complex Phase II, Farmington, AR** (6 Field Baseball & Softball Facility)

Work required: 200 Space parking lot design & grading, curb & gutter, sidewalks, 2 Hammerhead street extensions, site concrete slabs, conduits, construction management and inspection, cost estimating.

Estimated Cost: \$191,285

Actual Cost: \$161,786

Engineering plans began on December 13, 2010 and were completed for bid on January 3, 2011

**56th Street, Springdale, AR:** (1,500 L.F. of new 5 lane street)

Work required: Boundary & topographic survey, vertical & horizontal street design, storm drainage design, sewer main relocation, construction management and inspection, cost estimating.

Estimated Cost: \$592,987

Actual Cost: \$600,000

Engineering Plans completed within 1 month

Estimated Construction Completion Time: Eight Months

Actual Construction Completion Time: Seven Months

**Camelot Subdivision Elm Springs, AR (80 acres with 68 lots)**

Work required: Boundary & topographic survey, vertical & horizontal street design, drainage design, storm sewer design, water & sewer main design, construction management and inspection, cost estimating

Estimated Cost: \$1,167,657

Actual Cost: \$1,100,000

Estimated Completion Time: Twelve Months

Actual Completion Time: Fourteen Months

**Clabber Creek Phase II Subdivision Fayetteville, AR (27 acres with 88 lots)**

Work required: Boundary & topographic survey, vertical & horizontal street design, drainage design, storm sewer design, water & sewer main design, construction management and inspection, cost estimating

Estimated Cost: \$1,584,000

Actual Cost: \$1,672,000

Estimated Completion Time: Eighteen Months

Actual Completion Time: Fifteen Months

**Maple Glenn Subdivision Pea Ridge, AR (37 acres with 117 lots)**

Work required: Boundary & topographic survey, vertical & horizontal street design, drainage design, storm sewer design, water & sewer main design, construction management and inspection, cost estimating

Estimated Cost: \$2,223,000

Actual Cost: \$2,164,500

Estimated Completion Time: Fourteen Months

Actual Completion Time: Thirteen Months

## **KEY PERSONNEL AND DESIGN TEAM**

Bates & Associates assigns a dedicated staff to each project. A dedicated staff allows for consistency in the interface with other team members, as well as allows our field and office personnel the opportunity to develop a familiarity with specific project elements and familiarity with client preferences in approaches to problem solving and engineering needs. Staff assignments typically include a Principal Engineer or Surveyor responsible for quality control; Project Manager for both Engineering & Surveying responsible for the technical and quality review of the field data and the production of plans and specifications. The project manager is also responsible for all communication with the Client, Construction Superintendent, daily coordination and scheduling of office staff and field survey staff, data review, report generation and project meetings; Engineering Technicians are responsible for AutoCAD drafting; Inspectors are responsible for observing field testing, daily diary and daily field report generation.

Typically Bates & Associates will designate a single professional (the Project Manager) to be responsible for providing the client with the needed technical services, data management, budgeting, scheduling, invoicing, cost tracking, and state reimbursement activities. The Project Manager serves as the primary source of client contact and coordinates project resources and activities. The Project Manager is responsible for ensuring that the staff assigned to a project, complete the work as specified within budget and on time.

The individuals selected to execute projects have the necessary credentials and experience to perform and complete the field and office activities. Each position has a description of the duties and expectations. In addition, each person acts as an integral part of the team. As such, each contributes to the production of the overall service.

See the attached résumés for experience of each professional.

The design team for this project will be:

Principal Engineer:	Geoffrey Bates, P.E.
Engineering Project Manager:	Position Available
Engineering Technician:	Jason Young, Brett Watts
Inspector:	Andy Hooper
Principal Surveyor:	Derrick Thomas, P.L.S.
Surveying Project Manager:	Justin Reid
Crew Chiefs:	Jason Nation/ Jose Rios/ Josh Richardson / Jake Arnold
Instrument Man:	Brett Lee / Ross Simpson /
Office Manager:	Emmie Thomas



## **MANAGEMENT PLAN**

Proper construction administration is essential for the successful implementation of any well designed project. Our staff maintains a balance between the conceptual and the practical. Our Team can provide a turn-key program including the day-to-day administration of daily inspection, paperwork processing, routine meetings, and daily interface with each contractor and other project team members.

The management staff is comprised of a Principal Engineer and Surveyor and the Project Managers. The management staff is responsible for overall contract administration and management services comprised of coordination of field services and engineering analysis and design duties, preparation of project report reviews, field observation, scheduling, cost control, project documentation, project task order review, document clarification and change order negotiation and issuance, claims control and administration, coordination with affected outside agencies and community relations. Bates & Associates routinely has provided a variety of these services for private and commercial developments throughout Arkansas. Each project will be under the supervision of a Professional Engineer or Surveyor, registered in the State of Arkansas who will review all professional services and documentation.

Our management process is designed to impact every aspect of the project and to involve every team member, from project management to support personnel, in the achievement of quality through continuous improvement of our performance. Our overall intent is to provide an environment of trust, cooperation, and communication to develop and motivate employees to be creative and take ownership of all aspects of their work, including problem identification and resolution, implementation of performance improvement ideas, and maintaining client satisfaction. Quality Assurance is one aspect of Bates & Associates total quality approach to business. Quality Assurance practices and principles will be applied to all work performed and will be carried out by both the project managers and the principal engineer or surveyor.

As a part of the quality control process, the review of completed project plans, specifications and reports are conducted with our project manager, staff engineer and technical staff within the design team. Inconsistencies found in plans, specifications or surveys, clear or potential, are discussed with the design team and submitted for written clarification. Bates & Associates inspectors, during testing and inspection, report all discrepancies to our project manager who interpret and assess the seriousness of the situation and reports to the specific project leader, typically the principal engineer. The deficiency is usually resolved at the time of reporting with immediate written follow-up to the specified project team. Items of non-compliance are brought to the attention of the architect, engineer, owner and contractor, who either resolve the deficiencies or accept them as the as-built condition.

Project managers at Bates & Associates use Microsoft Excel to prepare the initial and follow up short interval schedules for each project. This software is in a network application which allows our project teams to keep up to date on the project status and critical scheduling issues. At the beginning of the Design Phase, a preliminary schedule is prepared; with an anticipated start date, critical dates for the submittal of plans and specs for various agencies, and the final completion date. As the project progresses through the Design Development phase the schedule will be updated as necessary until it is finalized and bids are released.

Our diverse staff of professionals is one of our greatest assets. Our people care about their work and their relationships with clients. We foster two-way communication between employees and management by developing relationships of trust, mutual respect, and valued opinions. From planning to completion, each

project is personally handled by people who know our clients and their businesses. Our staff of engineers, surveyors and professionals provides clients with practical, cost effective engineering solutions.

## **STRATEGIC PROJECT APPROACH / MANAGEMENT PLAN**

- **Establish Client Goals for Development, Contract Review**

- Initial Meeting and Preliminary Deadlines set

- **Initial Site Analysis and Feasibility Study**

- Project walk through & review of existing documents
- Review by Project Manager

- **Survey & Concept Phase**

- Boundary and topographic survey
- Establish agency standards & create Concept Design for Owner review
- Present to Owner various design approaches to maximize profitability
- Agency briefings and discussion of pertinent policies

- **Refinement of development needs & preliminary cost estimates**

- Establish project construction links and future Development needs
- Agency meetings and review finalized policies and design guidelines

- **Preliminary Plan Development & Agency Review**

- Existing infrastructure location and incorporation into Preliminary Design
- Environmental issues affecting Development
- Facility layouts/details/cost estimates
- Design presentation and submittal to Authorized agencies

- **Final Plan Development & Approval by Authorizing Agencies**

- Infrastructure Design finalized and approved by Authorized agencies
- Environmental issues accounted for
- Facility layouts/details/cost estimates
- Design presentation and second submittal

- **Production of Final Design**

- Define all requirements for document preparation
- Draft final plans/details and specifications
- Final revisions and submittal of required permit applications
- Final submittal to authorized agencies

- **Implementation and Administration**

- Agency sign-off/coordination
- Advertisement and point of sale open to Owners
- Receive and review bids
- Contractor selection
- Construction management and inspection with agency cooperation

- **Project Close Out**

- As-built Construction plans
- Conclusion and assessments

## **COST CONTROL**

Bates & Associates recognize that in today's marketplace of competing demands, modern project managers have a difficult and challenging position. The role that they undertake is complex and varies from managing the cost, to scoping the project to completion, policing timelines, ensuring health and safety considerations as well as establishing communications between all stakeholders. The risk element is often managed on behalf of their clients, their own team and others involved in the process. They will be judged on their ability to fully deliver the agreed business benefits safely, on-time and on-budget.

The management at Bates & Associates is closely involved with day to day progress, in order to retain control over time, budgeting, personnel costs, and administrative costs. Project managers give weekly updates to clients and team members. The updates allow progress to be evaluated and are used to update scheduling. Time budgeting is established at key points in a project's life, to alert project managers to overages in design time and allow them to initiate timely solutions to design limitations or constraints.

Bates & Associates has years of cost control plans that clearly establish standards for all aspects of our practice. Bates & Associates has experience encompassing construction cost controls throughout project design, specification, bid evaluation, contract administration, construction inspection and technical oversight of construction.

Bates & Associates differentiates itself from other consulting/engineering firms in that we firmly believe that the success of any construction project revolves around solid, pro-active construction management. Most construction projects require completion within specifications, at a relatively rapid pace with minimal delays and minimal disruption to business operations. Bates & Associates' project experience and management approach assures a timely and successful construction project.

Bates & Associates' cost control procedures begin from the early stages of preliminary design and continue throughout the entire project duration. When the project bottom line has been established, Bates & Associates staff will ensure that construction costs are monitored and maintained throughout the construction phase. Bates & Associates project team will help determine the final budget by using our customized estimating program. Every project has to start correctly in order to run smoothly throughout the pre-construction and construction phases. We present construction cost estimates at all phases in as much detail as possible.

One of the many advantages to the construction management process is our value engineering. This is where most of the cost savings occur. During this process the project team examines the developing drawings to create the conceptual budget and starts the cost control procedures, which are determined in the pre-construction meeting. During design team meetings Bates & Associates will suggest what alternate, more cost-effective options could be used in the construction phase while not jeopardizing the integrity of the project. As the team studies the drawings we will also be able to comment on the construction feasibility of the design and determine the scheduling aspect of the project. This helps us shape a set of balanced expectations and keep the project process as linear as possible. It can also reduce the chance to

circle back for a costly redesign. “Do it once” is another way to look at it. After all, we’re most effective if we solve difficult issues before they become problems.

At Bates & Associates we believe effective cost controls are necessary to succeed. To keep a project on budget and on time is only the beginning. Operative cost control help architects, engineers, contractors, and owners:

- meet all functional objectives
- balance quality with expediency
- reduce risk and prevent claims
- enhance reputations

At Bates & Associates, our first line of defense in controlling costs is to know what is being built and why. Defining the project and setting expectations is a serious first step toward making that project a success. We believe it comes down to communication. Owners are not trained to build buildings and sometimes can’t define what they want in realistic terms. It’s our job to help owners set expectations that move the project forward.

Bates & Associates stress how important it is to manage expectations before going to the drawing board. Everyone involved in a project has a different point of view of what’s going to come out of it. Until we all agree on the outcome, it’s a struggle to be as effective as we need to be. And the deeper you go, the tougher it gets to make changes, and the more each change costs. The only way to control a major building project is to be fully informed of the cost impact of every decision made. At Bates & Associates, we conduct frequent project reviews during the life of the project to ensure the primary goals are being met. We believe routine in-process reviews are critical to later cost-shifting decisions.

Bates & Associates uses a comprehensive database of materials and cost data compiled on similar projects to provide a realistic cost estimate to the owner. With the database, Bates & Associates can help control costs and help the owner understand what a realistic cost would be.

Controlling costs on a construction project that can total millions of dollars can add up to “real money”. At Bates & Associates, we believe that effective cost controls are an essential tool for anyone directing a construction project. Effective cost controls depend on a commitment to thorough planning, good communication, and rigorous monitoring of a project from start to finish.





## **CONSTRUCTION OBSERVATION AND CONTRACT ADMINISTRATION**

The construction phase of every project is coordinated through the project manager to keep the project on schedule and deliver high quality projects to our clients. Bates & Associates understands the importance of the construction process and has invested in a team that delivers successful projects to our clients.

We believe our role is to be a team member along with the owner and contractor. During the construction stage we operate as our clients' advocate to ensure work is performed to the standards and quality described in the contractual documents we prepared. As part of our role, we answer contractors' questions, communicate details when requested and make regular job site visits. This keeps the contractor on task and the project on schedule. When a proposed application is presented for payment, we walk the job with the contractor and owner noting any concerns or discrepancies. The application is then corrected and submitted to our office for signature, then forwarded to the client for payment. With the construction industry at its current strong pace, we have found keeping contractors promptly paid for high quality work keeps the project on task.

## **EQUAL OPPORTUNITY EMPLOYERS**

Bates & Associates is an equal opportunity employer. However, we do not have a formal policy filed with the Office of State Procurement.

## **INSURANCE**

### **Professional Liability Coverage**

General Liability:	\$2,000,000.00
Automobile Liability:	\$ 1,000,000.00
Errors and Omissions:	\$2,000,000.00
Workers' Compensation:	\$ 500,000.00

Phone: (800) 837-2511

Address: 450 Skokie Blvd. Ste. 1000  
Northbrook, IL 60065-3306

### **Insurance Agent Information:**

General Liability Insurance Company:

America First Insurance Co.

Phone: 479-452-4000

Address: 525 B. Street

San Diego, CA 92101

Professional Liability Insurance Company:

First Insurance Funding Corp.

ALDI Food Market

## **PROOF OF INSURANCE**



# CERTIFICATE OF LIABILITY INSURANCE

BLEWB-1

OP ID: LA

DATE (MM/DD/YYYY)

07/09/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	479-452-4000	CONTACT NAME:	
Brown-Hiller-Clark & Assoc.	479-484-5185	PHONE (A/C, No, Ext):	
5500 Euper Lane		FAX (A/C, No):	
P. O. Box 3529		E-MAIL ADDRESS:	
Fort Smith, AR 72913-3529			
Etonna D. Tincher, CIC			
INSURED	Bates & Associates, Inc.	INSURER(S) AFFORDING COVERAGE	NAIC #
	91 West Colt Square Ste 3	INSURER A: State Auto Property & Casualty	25127
	Fayetteville, AR 72703	INSURER B: Beazley Insurance Company	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD'L SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR		BOP2685676	07/28/12	07/28/13	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/>
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		BAP2354895	07/28/12	07/28/13	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CXS2109875	07/28/12	07/28/13	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	WCP2199866	07/28/12	07/28/13	WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER <input type="checkbox"/> E L EACH ACCIDENT \$ 1,000,000 E L DISEASE - EA EMPLOYEE \$ 1,000,000 E L DISEASE - POLICY LIMIT \$ 1,000,000
B	Professional Liab		TBD	07/27/12	07/27/13	Aggregate 1,000,000 Each Clai 1,000,000
B	Deductible-\$10,000					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

See attached equipment list. Certificate holder is a loss payee.

INSURED'S COPY

## CERTIFICATE HOLDER

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Etonna D. Tincher*

ACORD 25 (2010/05)

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## PROOF OF REGISTRATION



ARKANSAS BOARD OF LICENSURE FOR  
PROFESSIONAL ENGINEERS/SURVEYORS  
P.O. Box 3750, Little Rock, AR 72203  
LICENSE INVALID AFTER  
12-31-2014

Geoffrey Bates  
IS DULY LICENSED AS  
Professional Engineer  
Certificate Number: 9810

  
Executive Director

ARKANSAS BOARD OF LICENSURE FOR  
PROFESSIONAL ENGINEERS/SURVEYORS  
P.O. Box 3750, Little Rock, AR 72203  
LICENSE INVALID AFTER  
12-31-2013

Bates & Associates Inc

IS DULY LICENSED AS  
Certificate of Authorization  
Certificate Number: 1335

  
Executive Director

ARKANSAS BOARD OF LICENSURE FOR  
PROFESSIONAL ENGINEERS/SURVEYORS  
P.O. Box 3750, Little Rock, AR 72203  
LICENSE INVALID AFTER  
6-30-2014

Derrick Thomas  
IS DULY LICENSED AS

  
Executive Director

ARKANSAS BOARD OF LICENSURE  
FOR PE'S & PS'S  
P.O. Box 3750, Little Rock, AR 72203  
LICENSE INVALID AFTER  
06/30/2014

Timothy Daniel West  
IS DULY LICENSED AS  
Professional Surveyor  
License Number : 1756 Active

  
Executive Director



OKLAHOMA STATE BOARD OF  
LICENSURE FOR PROFESSIONAL  
ENGINEERS AND LAND SURVEYORS

PE 23214  
Geoffrey H. Bates

is licensed as a Professional Engineer and is authorized  
to practice professional engineering in Oklahoma until  
8/31/2013

## **CURRENT TECHNOLOGY AT BATES AND ASSOCIATES**

Bates & Associates realizes the importance of being able to utilize the most recent technological advances to synergize the project management structure and reduce the turnaround time for all projects. For this reason, Bates & Associates assures its clients that our software and technology is based on what will most benefit the company and our clients.

Desktop technology: Microsoft MS Office '10  
Microsoft Windows '00 Server  
Microsoft Excel '10  
Microsoft Word '10  
QuickBooks Pro.  
Hydraflow Hydrographs  
Hydrastorm Storm Sewer Design  
Flowmaster  
HEC-RAS,  
Delorme Topo Quads  
F-MIT FEMA Mapping Software

### **Computer Aided Drafting Software used by Engineering technicians:**

AutoCAD © 2015 / Carlson Civil Suite 2015:

COGO: 5 seats	Eagle Point User License: 6 seats
Data Transfer: 1 seat	Surface Modeling: 4 seats
Drafting: 5 seats	Storm Sewer Design: 1 seat
Intersection Design: 1 seat	Site Design: 1 seat
Profiles: 5 seats	Road Calc: 4 seat

### **Computer Aided Drafting Software used by Survey technicians:**

Carlson Survey© 2012 & 13, AutoCAD© 2011, & Eagle Point© 2005

### **Survey Equipment used at Bates & Associates:**

5 Nikon Total Stations  
2 Leica Robotic Total Stations  
2 G.P.S Units





## **TYPICAL SERVICES**

### **Engineering:**

Commercial Planning & Design  
Residential Planning & Design  
Mixed-Use Plans  
Large Scale Development Plans  
Preliminary & Final Plans  
Planned Zoning Districts (PZD's)  
Project Scheduling  
Site Analysis  
Concept Plans  
Feasibility Studies  
Water Main Design  
Sewer Main Design  
Street Design  
Storm Sewer Design  
Agency Submittals & Meetings  
Grading & Drainage Plans  
Erosion Control Plans  
Storm Water Pollution Prevention Plans  
Drainage Reports  
Construction Inspection  
Site Planning & Layout  
Land Application of Reserve Pit Drilling Fluids Permits  
Notice of Intent to Discharge Storm Water Permits  
No Discharge Water Pollution Control Permit  
Driveway Permits

### **Landscape Architecture:**

Planting Design  
Residential Homes  
Parks & Greenways  
Rooftop Gardens  
Commercial and Multi-Family Design  
Low Impact Design  
Tree Preservation Plans  
Streetscape Design  
Outdoor Kitchens  
Arbors, Decks, Patios and Outdoor Lighting

### **Permit Agencies:**

Arkansas Department of Environmental Quality  
Arkansas Health Department  
Arkansas Highway & Transportation Department

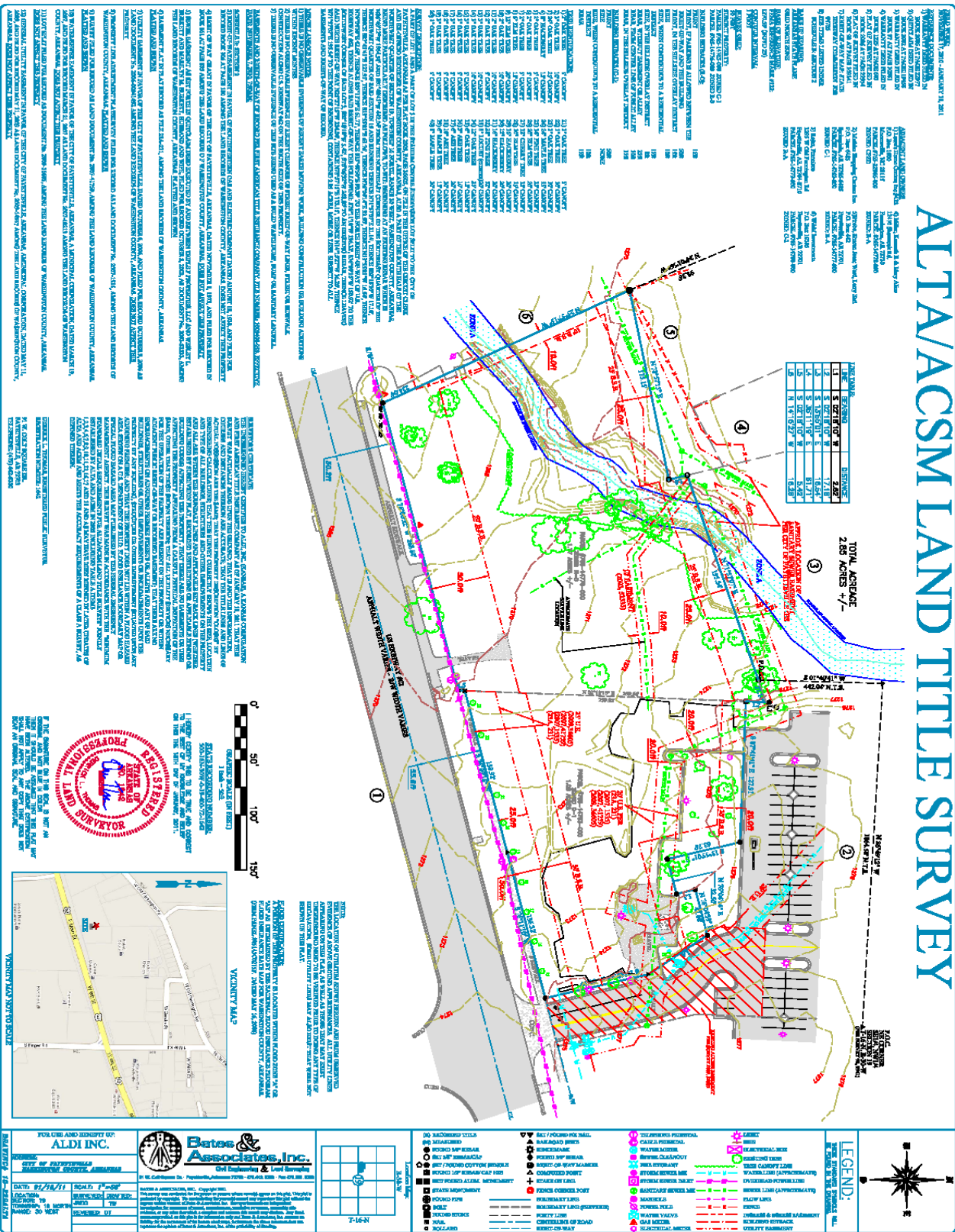
### **Surveying:**

ALTA / ACSM Surveys  
Boundary Surveys  
Lot Surveys  
Lot / Tract Splits  
Property Line Adjustments  
Aerial Survey Ground Control  
Route Surveys  
Right-of-Way Surveys  
Topographic Surveys  
Construction Staking  
Foundation Layout  
Site Plans  
GPS Surveys  
GIS Base Mapping  
Elevation Certificates  
Boundary Resolution  
Legal Description, Metes and Bounds  
Utility Easement Surveys  
Annexation / Rezoning

# ALTA/ACSM LAND TITLE SURVEY

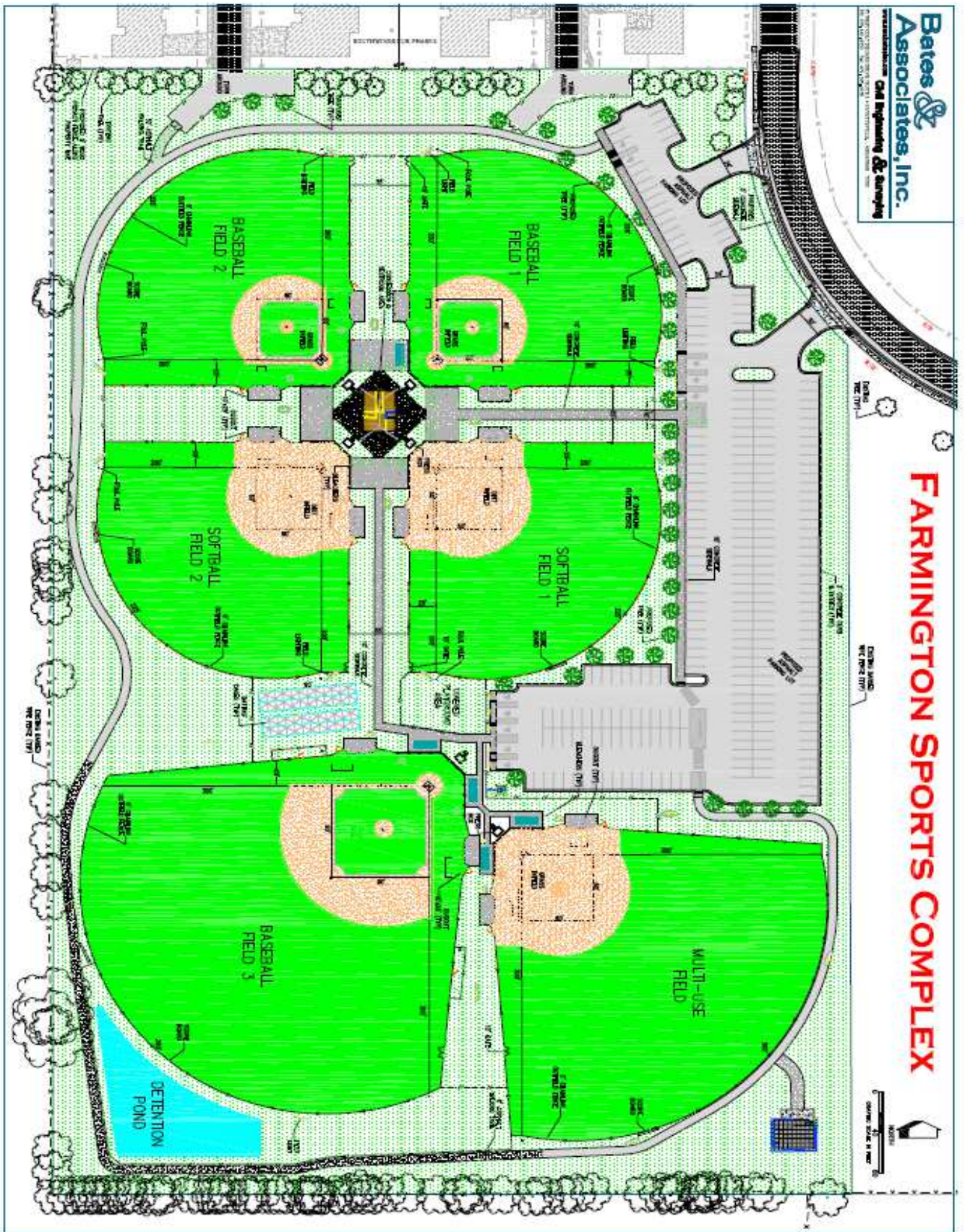


EXAMPLE ALTA WITH TOPOGRAPHIC INFORMATION



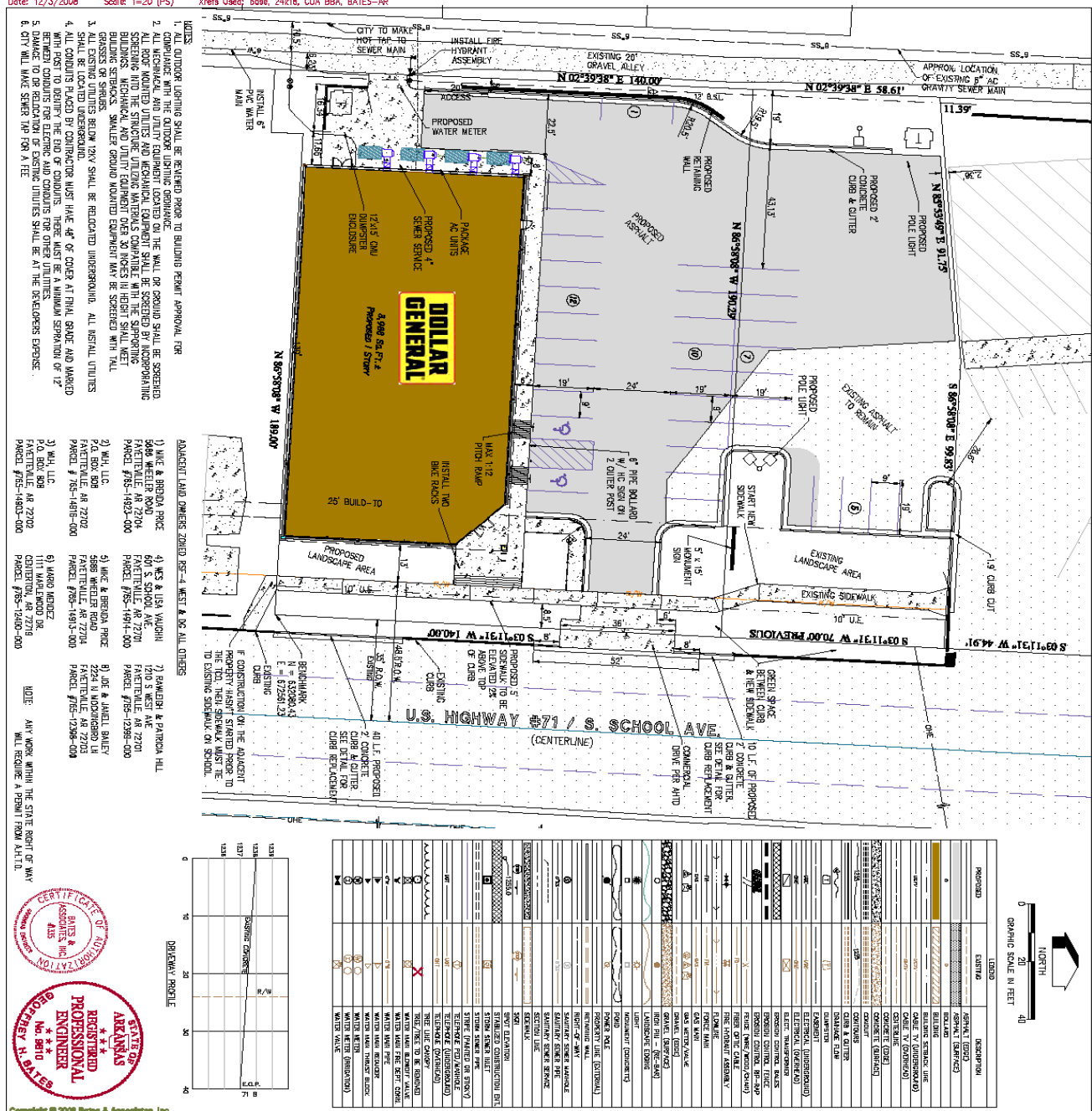


# FARMINGTON SPORTS COMPLEX





Time: 1:51 pm      Drawing Name: D:\20D\08-279\Engineering\Current Drawings\4 Site & Utility.dwg  
Date: 12/3/2008      Scale: 1=20 (PS)      Xrefs Used: base, 24x18, COA BBA, BATES-AR

[illegible]

PROJECT NO. 08-279	 Bates & Associates, Inc. Civil Engineering & Surveying www.mvbatesinc.com	DRAWING NO. 4

DOLLAR GENERAL  
RECORD DRAWINGS  
SITE & UTILITY PLAN  
FAYETTEVILLE, ARKANSAS

## **PROJECT EXPERIENCE**

**Farmington Sports Complex**



**56<sup>th</sup> Street, Springdale**



**Montessori Elementary - Fayetteville**



**Ashley Health & Rehab, Rogers**



**Taco Bueno - Bentonville**



**Bank of Fayetteville - Farmington**





**PROJECT EXPERIENCE**

**Embry Acres Subdivision - Fayetteville**



**Isaac's Mini Storage, Springdale**



**Johnson Switch Townhomes- Johnson**



**Saddlebrook Subdivision - Farmington**



**Greystone Multi-Family Subdivision**



**Main Street Apartments - Centerton**



## **PUBLIC IMPROVEMENTS**

The following list consists of surveying, street design, storm drainage design, sanitary sewer main design, water main design, City coordination, construction layout, construction bidding, construction staking and construction inspection:

### **Bliss Street Extension – Centerton, AR**

800 L.F. of street & storm drainage design

### **56<sup>th</sup> Street Extension – Springdale, AR**

1,500 L.F. of four lane street & storm drainage design

### **Brower Avenue Extension – Fayetteville, AR**

325 L.F. of street & drainage design

316 L.F. of water main design

### **Fellowship Lane – Elkins AR**

1,066 L.F. of street and drainage design

1,186 L.F. of water main design

### **Highway 265 Force Main**

1,663 L.F. of sewer force main design

### **Kitty Road water main**

2,000 L.F. of water main design

### **It'll Do Road water main**

2,500, L.F. of water main design

### **Locust Street water main**

675, L.F. of water main design

### **Hale Road water main**

1,382, L.F. of water main design

### **Elk Horne Subdivision**

19,387, L.F. of Street Design

7,982, L.F. of Storm Drainage Design

16,918, L.F. of Water Main Design

10,879, L.F. of Sewer Main Design

### **Meadow Park Subdivision**

11,740, L.F. of Street Design

2,000, L.F. of Storm Drainage Design

8,340, L.F. of Water Main Design

7,000, L.F. of Sewer Main Design

### **Garden Meadows Subdivision**

10,730, L.F. of Street Design

7,410, L.F. of Storm Drainage Design

13,120, L.F. of Water Main Design

9,160, L.F. of Sewer Main Design





## **Public Improvements (continued)**

### **Coppergate Subdivision**

7,052, L.F. of Street Design  
4,380, L.F. of Storm Drainage Design  
5,650, L.F. of Water Main Design  
7,040, L.F. of Sewer Main Design



### **Shelohn Subdivision**

8,579, L.F. of Street Design  
5,189, L.F. of Storm Drainage Design  
8,088, L.F. of Water Main Design  
8,680, L.F. of Sewer Main Design



### **Pontiac Way Subdivision**

6,850, L.F. of Street Design  
7,325, L.F. of Storm Drainage Design  
7,400, L.F. of Water Main Design  
7,500, L.F. of Sewer Main Design



### **Saddlebrook Subdivision**

8,800, L.F. of Street Design  
5,825, L.F. of Storm Drainage Design  
7,325, L.F. of Water Main Design  
11,100, L.F. of Sewer Main Design



### **Liberty Bell Subdivision**

10,275, L.F. of Street Design  
5,250, L.F. of Storm Drainage Design  
9,500, L.F. of Water Main Design  
7,500, L.F. of Sewer Main Design



### **Creekside Subdivision**

8,780, L.F. of Street Design  
4,450, L.F. of Storm Drainage Design  
7,650, L.F. of Water Main Design  
7,280, L.F. of Sewer Main Design



### **Embry Acres Subdivision**

5,250, L.F. of Street Design  
2,675, L.F. of Storm Drainage Design  
2,800, L.F. of Water Main Design  
2,925, L.F. of Sewer Main Design



### **Maple Glenn Subdivision**

7,436, L.F. of Street Design  
4,450, L.F. of Storm Drainage Design  
6,966, L.F. of Water Main Design  
7,890, L.F. of Sewer Main Design



## **Public Improvements (continued)**

### **Camelot Subdivision**

8,250, L.F. of Street Design  
8,450, L.F. of Water Main Design  
7,400, L.F. of Sewer Main Design

### **Clabber Creek Subdivision**

5,700, L.F. of Street Design  
4,000, L.F. of Storm Drainage Design  
6,240, L.F. of Water Main Design  
4,700, L.F. of Sewer Main Design

### **Graystone Subdivision**

2,075, L.F. of Street Design  
1,950, L.F. of Storm Drainage Design  
2,175, L.F. of Water Main Design  
2,180, L.F. of Sewer Main Design

### **Cherrie Place Subdivision**

2,275, L.F. of Street Design  
1,275, L.F. of Storm Drainage Design  
2,250, L.F. of Water Main Design  
1,900, L.F. of Sewer Main Design

### **Wildflower Meadows Subdivision**

3,000, L.F. of Street Design  
1,880, L.F. of Storm Drainage Design  
3,240, L.F. of Water Main Design  
2,300, L.F. of Sewer Main Design

### **Bridge Port Phase 7 & 8 Subdivision**

2,110, L.F. of Street Design  
502, L.F. of Storm Drainage Design  
1,866, L.F. of Water Main Design  
2,122, L.F. of Sewer Main Design

### **Brandons Way Subdivision**

2,573, L.F. of Street Design  
2,104, L.F. of Storm Drainage Design  
2,391, L.F. of Water Main Design  
2,958, L.F. of Sewer Main Design

### **Sundance Subdivision**

1,440, L.F. of Street Design  
1,060, L.F. of Storm Drainage Design  
2,280, L.F. of Water Main Design  
940, L.F. of Sewer Main Design





## **Public Improvements (continued)**

### **Johnson Switch Subdivision**

755, L.F. of Street Design  
529, L.F. of Storm Drainage Design  
846, L.F. of Water Main Design  
506, L.F. of Sewer Main Design

### **Wilkins Subdivision**

1,784, L.F. of Street Design  
669, L.F. of Storm Drainage Design  
1,800, L.F. of Water Main Design  
1,600, L.F. of Sewer Main Design

### **Southpointe Subdivision**

3,300, L.F. of Street Design  
1,820, L.F. of Storm Drainage Design  
3,280, L.F. of Water Main Design  
2,620, L.F. of Sewer Main Design

### **Vaughn Apartments**

1,000, L.F. of Street Design  
1,500, L.F. of Storm Drainage Design  
3,875, L.F. of Water Main Design  
2,450, L.F. of Sewer Main Design

### **Silverthorne Subdivision**

4,400, L.F. of Street Design  
3,100, L.F. of Storm Drainage Design  
4,400, L.F. of Water Main Design

### **Main Street Apartments**

1,000, L.F. of Water Main Design  
750, L.F. of Sewer Main Design

### **Miscellaneous Small Jobs**

6,798, L.F. of Street Design  
1,320, L.F. of Storm Drainage Design  
10,090, L.F. of Water Main Design  
2,450, L.F. of Sewer Main Design



## **COMMERCIAL PROJECTS (LSD)**

Commercial design experience includes site planning, ALTA, boundary and topographic survey, civil site design, grading plans, master drainage plans, storm water design, water design, sewer design, landscape plans and utility coordination. Other responsibilities included presenting to local government officials, bidding the project, construction staking and construction administration.

### Tyson Projects

- |  |                 |
|--|-----------------|
| • Tyson of Rogers truck Parking lot Design | Rogers, AR      |
| • Tyson Hope AR Plant Parking lot Design   | Hope, AR        |
| • Tyson Pine Bluff survey                  | Pine Bluff, AR  |
| • Tyson clarksville survey                 | Clarksville, AR |

### Restaurants

- |                                |                  |
|--------------------------------|------------------|
| • Taco Bueno                   | Bentonville, AR  |
| • Bo Jangles                   | Bentonville, AR  |
| • Church's Chicken             | Bentonville, AR  |
| • Sonic 6 <sup>th</sup> Street | Fayetteville, AR |
| • Sonic Wilson Street          | Greenland, AR    |

### Commercial Office Parks

- |                               |                    |
|-------------------------------|--------------------|
| • Syrkl Office Park           | Bethel Heights, AR |
| • City Lake Office Park       | Fayetteville, AR   |
| • Eclipse Displays            | Fayetteville, AR   |
| • Mathias 2209 E. Emma        | Springdale, AR     |
| • Erin Commercial Center East | Springdale, AR     |
| • Bartholomew Center          | Farmington, AR     |

### Businesses

- |  |                       |
|--|-----------------------|
| • ALDI Food Market                         | Siloam Springs, AR    |
| • ALDI Food Market                         | Harrison, AR          |
| • Walgreens (6 <sup>th</sup> and School)   | Fayetteville, AR      |
| • Dollar General (School St.)              | Fayetteville, AR      |
| • Chandler Equipment                       | Springdale, AR        |
| • Village Pet Hospital                     | Bella Vista, AR       |
| • Western Federal Credit Union             | Rogers, AR            |
| • Starlight Skatium                        | Fayetteville, AR      |
| • Firestone Tire Store                     | Rogers, AR            |
| • First National Bank                      | Jasper, AR            |
| • First National Bank                      | Farmington, AR        |
| • Fastenal Retail Store                    | Rogers, AR            |
| • Benchmark Dry Cleaners                   | Springdale, AR        |
| • First National Bank                      | Jasper, AR            |
| • Bank of Fayetteville                     | Farmington, AR        |
| • Farrell Convenience Store & Gas Station  | Springdale, AR        |
| • Rogers Board of Realtors                 | Rogers, AR            |
| • Boomerang Carwash                        | Bentonville, AR       |
| • Isaac's Mini Storage                     | Springdale, AR        |
| • D & S Cold Storage Hwy 62                | Washington County, AR |
| • Tyson of Rogers Truck Parking lot Design | Rogers, AR            |

#### Warehouse

- Sam's Warehouse Expansion Springdale, AR
- Eclipse Displays Fayetteville, AR
- Ozark Business Park Lots 18,19,28,29,30 & 38-42 Springdale, AR
- Ashley's Furniture Warehouse Fort Smith, AR
- Pleasant Valley Office & Warehouse Highfill, AR
- Mathias Warehouse Rogers, AR
- Gateway Park Bentonville, AR
- MEMCO Springdale, AR

#### Assisted Living

- Ashley Health & Rehab. Center Rogers, AR
- Peace at Home Women's Shelter Fayetteville, AR
- Lifestyles for Living Fayetteville, AR

#### Churches

- St Nicholas Church Springdale, AR
- Shiloh Community Church Fayetteville, AR
- First Baptist Church of Farmington Farmington, AR
- First United Methodist Church Farmington, AR

#### City and School Projects

- Pea Ridge Elementary School Pea Ridge, AR
- Farmington Sports Complex Farmington, AR
- Lowell City Hall Lowell, AR
- Washington County Shooting Range Fayetteville, AR

## **RESIDENTIAL PROJECTS**

### **Multi-Family Projects (Plat / LSD)**

Multi-family residential engineering experience includes site planning, parking lot and drive layout, grading plans, master drainage plans, landscape plans, underground utilities, boundary and topographic survey and utility coordination, presentations to local government officials, bidding and construction staking and construction administration.

- Narrow Escapes Fayetteville, AR
- Victory Commons Fayetteville, AR
- The Waterfront at Har-Ber Meadows Springdale, AR
- College Avenue Townhomes Fayetteville, AR
- Middlebrook Acres & Apartments Greenland, AR
- Vaughn Apartments (120 units) Bentonville, AR
- Main Street Apartments (60 units) Centerton, AR
- Graystone (50 lot duplex subdivision) Centerton, AR
- Johnson Meadows (20 lot duplex subdivision) Johnson, AR
- Carousel 4-Plex Subdivision Siloam Springs, AR
- Meadow Court Apartments (48 units) Siloam Springs, AR

### **Single Family Projects (Preliminary & Final Plats)**

Residential subdivision engineering experience includes concept plans, boundary and topographic surveys, PUD's, PZD's, street design, grading plans, master drainage plans, water and sewer design, underground utilities coordination, survey staking, inspecting, presentations to local government officials, bidding and construction administration.

• Pontiac Subdivision	40 acres	Bentonville, AR
• Cherrie Place Subdivision	10 acres	Centerton, AR
• Camelot Subdivision	70 acres	Elm Springs, AR
• Silverthorne Subdivision	40 acres	Farmington, AR
• Saddlebrook Subdivision	40 acres	Farmington, AR
• Oxford Crest Phase II	10 acres	Farmington, AR
• Giles Farm Estates	09 acres	Farmington, AR
• Liberty Bell Subdivision	40 acres	Farmington, AR
• Embry Acres Subdivision	20 acres	Fayetteville, AR
• Clabber Creek Phase II	30 acres	Fayetteville, AR
• Clabber Creek Phase III & IV	70 acres	Fayetteville, AR
• Wildflower Meadows Subdivision	18 acres	Fayetteville, AR
• Bridgeport Phase 7 & 8	17 acres	Fayetteville, AR
• Sundance Meadows Subdivision	07 acres	Fayetteville, AR
• Creekside Subdivision	40 acres	Greenland, AR
• Elkhorn Ridge P.U.D.	100 acres	Pea Ridge, AR
• Maple Glen Subdivision	35 acres	Pea Ridge, AR
• Old Wire Subdivision	50 acres	Rogers, AR
• Garden Meadows Subdivision	50 acres	Siloam Springs, AR
• Liberty Bell Subdivision	40 acres	Siloam Springs, AR
• Mountain View Subdivision	03 acres	Springdale, AR
• Shelohn Subdivision	50 acres	Springdale, AR
• Wilkins Subdivision	20 acres	Springdale, AR
• Brandons Way Subdivision	20 acres	Springdale, AR
• Copper Gate Subdivision	35 acres	Springdale, AR
• Copper Tree Subdivision	17 acres	Tontitown, AR
• Davenshire Subdivision	23 acres	Tontitown, AR
• Pienza Estates Subdivision	05 acres	Tontitown, AR
• South Pointe Subdivision	20 acres	Tontitown, AR

## **PAST & PRESENT CLIENTS**

**Bates & Associates** has been fortunate to provide quality engineering & surveying services for many companies, cities and businesses. Listed below are a few names from our existing clientele:

Casey's General Stores  
Dollar General  
Tyson  
Walgreen's  
Lowe's  
ALDI, Inc.  
Wal-Mart  
Arvest Bank  
Bank of Fayetteville

Sonic  
Red Robin  
Arby's  
Taco Bueno  
Bo Jangles

Marlon Blackwell  
Key Architecture  
Ken Shireman  
Hight Jackson  
Modus Studio  
Parkco Architects  
Miller Boskus Lack  
Mangold Burris

City of Fayetteville  
City of Farmington  
City of Springdale  
City of Centerton  
City of Lincoln  
City of Siloam Springs

Rogers Municipal Airport  
Carroll County Airport

Sweetser Construction  
Rosetta Construction  
C.R. Crawford  
Garney Construction  
Nabholz  
J. Johnson Construction  
Don Peters Construction  
Tomlinson Asphalt



## **REFERENCES**

We encourage you to contact the following references as you evaluate our credentials:

### **City of Fayetteville**

Matt Casey P.E.; Glenn Newman P.E.  
Shannon Jones P.E.  
479-575-8206

### **City of Farmington**

Mayor Ernie Penn, Melissa McCarville  
479-267-3865

### **City of Springdale**

Otto Potter P.E.; Alan Pugh P.E.  
479-750-8550

### **City of Siloam Springs**

David Cameron, City Administrator  
Justin Bland P.E.,  
479-524-5136

### **City of Centerton**

Mayor Bill Edwards  
479-795-2750

### **City of Elkins**

Don Cryder  
479-643-3696

### **City of Pea Ridge**

Ken Hayes P.E.  
479-451-8800

### **City of Prairie Grove**

Larry Oelrich  
479-846-5649

### **Arkansas State Health Department**

Roy Davis, P.E.  
Craig Corder P.E.  
501-661-6223

### **Washington County Planning Department**

Juliet Richey; Courtney McNair;  
Clay Grote P.E.  
479-444-1724

### **Tyson Foods, Inc.**

Jerry Hartfield P.E.  
Steve Brannan, P.E.  
479-290-1158

### **ALDI, Inc.**

Martin Florie  
913-768-1119

### **Arvest Bank**

Craig Shy; Eileen Jennings  
479-575-1109

### **Bank of Fayetteville**

Bob King  
479-444-4444

### **Hight-Jackson Associates, P.A.**

Brian T. Jackson P.E.  
479-464-4965

### **Marlon Blackwell Architect**

Marlon & Ati Blackwell  
479-973-9121

### **Key Architecture, Inc.**

Jim Key  
479-444-6066

### **Park Company Architects**

Bret & Stacey Park  
479-527-6465

### **RJN Group**

Hugh Kelso P.E.  
Joseph Cotton P.E.  
972-437-4300

### **Lewis Elliott McMorran Vaden**

**Ragsdale & Woodward Inc.**  
Gene Pierce P.E.  
501-223-9302



## **RÉSUMÉS**

### **GEOFFREY H. BATES, P.E.**

President of Engineering

#### **EDUCATION:**

Bachelor of Science in Civil Engineering  
University of Arkansas, Fayetteville – 1993

#### **PROFESSIONAL AFFILIATIONS:**

National Society of Professional Engineers  
Arkansas Society of Professional Engineers  
American Society of Civil Engineers

**REGISTRATION:** Registered Professional Engineer, Arkansas #9810

#### **PROFESSIONAL EXPERIENCE:**

Mr. Bates has been involved in several design projects including planned unit developments, commercial developments, residential subdivisions, multifamily housing complexes and interstate highway design. Additional experience includes: land planning, concept plans, large scale development plans, preliminary & final plats, annexation, re-zoning, lot splits, drainage reports, parking lot design, storm water and detention design, utility design, street design, and construction bidding.

The following information is project and company specific experience:

#### **BATES & ASSOCIATES, INC. (2005 to CURRENT)**

##### **COMMERCIAL PROJECTS (Large Scale Developments)**

Commercial design experience includes planning, civil site design, grading plans, master drainage plans, storm water design, water, sewer design and utility coordination. Other responsibilities included presenting to local government officials, bidding the project and construction administration.

- |                                       |                    |
|---------------------------------------|--------------------|
| • Farmington Sports Complex           | Farmington, AR     |
| • Farmington Indoor Practice Facility | Farmington, AR     |
| • ALDI Food Market                    | Siloam Springs, AR |
| • ALDI Food Market                    | Harrison, AR       |
| • Dollar General                      | Fayetteville, AR   |
| • Western Federal Credit Union        | Rogers, AR         |
| • Lifestyles College for Living       | Fayetteville, AR   |
| • Carroll County Airport Terminal     | Berryville, AR     |
| • Village Pet Hospital                | Bella Vista, AR    |
| • Chandler Equipment                  | Springdale, AR     |
| • St. Nicholas Church                 | Springdale, AR     |
| • Taco Bueno                          | Bentonville, AR    |
| • Bo Jangles                          | Bentonville, AR    |
| • SyrkI Office Park                   | Bethel Heights, AR |
| • City Lake Office Park               | Fayetteville, AR   |
| • Assisted Living Facility            | Rogers, AR         |

- Sam's Club Warehouse Expansion Springdale, AR
- Mathias 2209 E. Emma West Lot Springdale, AR
- Mathias 2209 E. Emma East Lot Springdale, AR
- Erin Commercial Center East Springdale, AR
- Erin Commercial Center West Springdale, AR
- Isaac's Mini Storage Springdale, AR
- Presley Plumbing Expansion Springdale, AR
- Benchmark Dry Cleaners Springdale, AR
- D & S Cold Storage Hwy 62 Washington County, AR

### **MULTI-FAMILY PROJECTS (PLAT/LSD)**

Multifamily residential engineering experience includes site planning, parking lot and drive layout, grading plans, master drainage plans, underground utilities, survey & utility coordination, presentations to local government officials, bidding and construction administration.

- Middlebrook Acres & Apartments Greenland, AR
- Carousel 4-Plex Subdivision Siloam Springs, AR

### **SINGLE FAMILY PROJECTS (PRELIMINARY & FINAL PLATS)**

Residential subdivision engineering experience includes concept plans, PUD's, street design, grading plans, master drainage plans, underground utilities, survey and utility coordination, presentations to local government officials, bidding and construction administration.

- |                              |           |                    |
|------------------------------|-----------|--------------------|
| • Saddlebrook Subdivision    | 40 acres  | Farmington, AR     |
| • Oxford Crest Phase II      | 10 acres  | Farmington, AR     |
| • Giles Farm Estates         | 9 acres   | Farmington, AR     |
| • Embry Acres                | 20 acres  | Fayetteville, AR   |
| • Creekside Subdivision      | 40 acres  | Greenland, AR      |
| • Elkhorn Ridge PUD          | 100 acres | Pea Ridge, AR      |
| • Old Wire Subdivision       | 50 acres  | Rogers, AR         |
| • Garden Meadows Subdivision | 50 acres  | Siloam Springs, AR |
| • Liberty Bell Subdivision   | 40 acres  | Siloam Springs, AR |
| • Mountain View Subdivision  | 3 acres   | Springdale, AR     |
| • Shalohn Subdivision        | 50 acres  | Springdale, AR     |
| • Wilkins Subdivision        | 20 acres  | Springdale, AR     |
| • Pienza Estates Subdivision | 5 acres   | Tontitown, AR      |
| • South Pointe Subdivision   | 20 acres  | Tontitown, AR      |

## **KEYSTONE CONSULTANTS, INC: (2003 to 2005)**

### **COMMERCIAL PROJECTS (LSD)**

- Walgreen's (6<sup>th</sup> and School) Fayetteville, AR
- Shiloh Community Church Fayetteville, AR
- Firestone Tire Store Rogers, AR
- Rogers Nursing Center Rogers, AR
- Haz-mert Rogers, AR

- Ferguson Enterprises Springdale, AR
- Ozark Business Park Lots 18,19,28,29,30 & 38-42 Springdale, AR
- Ashley's Furniture Warehouse Fort Smith, AR

### **SINGLE FAMILY PROJECTS (PRELIMINARY & FINAL PLATS)**

Residential subdivision engineering experience includes lot layout, street design, grading plans, master drainage plans, underground utilities, survey and utility coordination, presentations to local government officials, bidding and construction administration.

- Clabber Creek Phase II (90 lots on 30 acres) Fayetteville, AR
- Clabber Creek Phase II, III & IV (200 + lots) Fayetteville, AR
- Wildflower Meadows (50 lots on 18 acres) Fayetteville, AR

### **SINGLE FAMILY PROJECTS (PRELIMINARY & FINAL PLATS) continued**

- Pontiac Subdivision (200 + lots) Bentonville, AR
- Cherrie Place (30 lots on 10 acres) Centerton, AR
- Camelot Subdivision (68 lots on 70 acres) Elm Springs, AR
- Silverthorne (35 lots on 40 acres) Farmington, AR
- Bridgeport Phase 7 & 8 (24 lots on 17 acres) Fayetteville, AR
- Sundance Meadows ( 25 lots on 7 acres) Fayetteville, AR
- Maple Glen (117 lots on 35 acres) Pea Ridge, AR
- Pennington Subdivision (120 lots on 40 acres) Rogers, AR
- Brandon's Way (56 lots on 20 acres) Springdale, AR
- Copper Gate (94 lots on 35 acres) Springdale, AR
- Double Tree (14 lots on 17 acres) Tontitown, AR
- Davenshire (18 lots on 23 acres) Tontitown, AR

### **MULTI-FAMILY PROJECTS (PLAT/LSD)**

- Vaughn Apartments (120 units) Bentonville, AR
- Main Street Apartments (60 units) Centerton, AR
- Graystone (50 lot duplex subdivision) Centerton, AR
- Johnson Meadows (20 lot duplex subdivision) Johnson, AR
- Meadow Court Apartments (48 units) Siloam Springs, AR

### **MUNICIPAL WORK**

- Designing 1200 feet of N. 56<sup>th</sup> Street Springdale, AR

## **Crafton, Tull and Associates: (1996 to 2003)**

### **COMMERCIAL PROJECTS (LSD)**

- Bella Vista Nursing Center Bella Vista, AR
- Shops at the Forum Bentonville, AR
- Simmons First National Bank Fayetteville, AR
- Walgreens (Township & College) Fayetteville, AR

- Lindsey Office Building Fayetteville, AR
- North Park Place Phase II Medical Center Fayetteville, AR
- University of Arkansas Livestock Arena Fayetteville, AR

#### **COMMERCIAL PROJECTS (LSD) continued**

- Leverett Elementary School parking lot Fayetteville, AR
- First Western Bank Fort Smith, AR
- ERC 125 acre commercial concept plan Fort Smith, AR
- AERT Lowell, AR
- BMW Dealership Expansion Rogers, AR
- Haz-mert Rogers, AR
- Kent Rylee Chevrolet parking lot addition Rogers, AR
- First Security Bank Springdale, AR
- Unity Health of Arkansas Springdale, AR

#### **SINGLE FAMILY PROJECTS (PRELIMINARY & FINAL PLATS)**

- Windemere Woods (78 lots on 40 acres) Bentonville, AR
- Mission Place (11 lots on 3.5 acres) Fayetteville, AR
- Jackson Place (14 lots on 8 acres) Fayetteville, AR
- Holiday Hills a 10 lot subdivision in Fayetteville, AR

#### **MULTI-FAMILY PROJECTS (PLAT/LSD)**

- Cedar Lake Apartments (96-units) Fayetteville, AR
- Stone manor (230-unit) Rogers, AR
- Rogers commons (260-unit) Rogers AR

#### **MUNICIPAL WORK**

- The Walnut Ridge Bypass for the Arkansas Highway and Transportation Department
- Stultz Road in Springdale, Arkansas.
- Carley Road in Springdale, Arkansas.

#### **Cooper Communities, Inc. (1993 to 1996)**

Prior to joining CTA, Mr. Bates was employed by Cooper Communities Inc. Bella Vista, Arkansas. His design experience included subdivision lot layout, street alignments, storm drainage, golf course drainage, and sewer lift station designs. Inspection experience include the construction of the Bella Vista waste water plant expansion, a concrete bridge deck pour, base and paving operations, and storm drainage installation.

# ***DERRICK L. THOMAS P.L.S.***

derrick@nwabatesinc.com 4910 Maple Grove Dr., Fayetteville, AR 72764

(479) 263-4644

**POSITION:** President of Surveying

**EDUCATION** *B.S. in Civil Engineering*; University of Arkansas, Fayetteville, AR  
Date completed: *August 2003*

## **PROFESSIONAL EXPERIENCE**

### **Bates & Associates, Inc., Fayetteville, AR**

Partner/ Co-Owner, November 2005-Present

Responsible for all duties of a surveying business, including research, field work, drafting, calculations, invoicing and collections for all jobs. Surveying projects include boundary, topographic, elevation certificates, Tract/ Lot splits and adjustments, ALTA/ ACSM, construction staking and house layouts.

### **Blew & Associates, Fayetteville, AR**

Field Crew Manager, May 2002-November 2005

Responsible for directing field crews in gathering of survey information, and the calculations of boundary corners as well as all calculations for all types of surveys including boundary, route, construction layout, topographic, and control networks. Other responsibilities include preparing multiple projects for the planning processes of all the surrounding counties and municipalities, as well as client relations for those projects and all of our other surveys.

### **Arkansas State Highway and Transportation Department, Mountainburg, AR**

Engineering Intern, Summer 2001

Responsible for construction inspection on Interstate 40, analyzed plans for bridge quantity computations, tested transportation materials for quality control purposes.

### **Today's Plastics, Booneville, AR**

Engineering Intern, Summer 2000

Responsible for design and maintenance of pneumatic fixtures, assisted analysis of plant layout for production improvements, conducted time studies on production lines to increase productivity

## **SKILLS**

Proficient in AutoCAD, Auto Desk Field Survey, Carlson Survey  
Passed LSIT in Fall 2005, Passed PLS in Spring 2008