

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

MAR 11 2013

PUBLIC SERVICE  
COMMISSION

In the Matter of:

APPLICATION OF JESSAMINE-SOUTH )  
ELKHORN WATER DISTRICT FOR A )  
CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY TO ) CASE NO. 2012-00470  
CONSTRUCT AND FINANCE A )  
WATERWORKS IMPROVEMENT )  
PROJECT PURSUANT TO KRS 278.020 )  
AND 278.300 )

**FOREST HILLS RESIDENTS' ASSOCIATION, INC.'S AND WILLIAM BATES'  
DIRECT EXAMINATION EXHIBIT LIST FOR THE MARCH 13, 2013 HEARING**

Forest Hills Residents' Association, Inc. ("Forest Hills") and William Bates (collectively, "Intervenors"), by counsel, hereby submit a list of the exhibits they currently intend to introduce along with the witnesses they expect to call on direct examination at the March 13, 2013 hearing. Intervenors reserve the right not to introduce the exhibits and to alter the sequence in which the exhibits are introduced at the hearing. Enclosed are two copies of the exhibits that are not yet part of the record.

Witness	Exhibit Number	Description	Part of Record
Bates	1	January 5, 2011 Letter from Bates to JSEWD	Yes
Bates	2	January 5, 2011 Letter from Ronald Brown to JSEWD	Yes
Bates	3	February 2, 2011 Letter from Smith to Arvin	Yes
Bates	4	February 24, 2011 Letter from Smith to William Arvin	Yes
Bates	5	March 11, 2011 Letter from Smith to Davis	Yes
Bates	6	Invoice from JSEWD to Forest Hills	No
Davis	7	January 24, 2011 Memorandum from Horne to JSEWD	Yes
Davis	8	March 3, 2011 Letter from Smith to Bates	No
Toleman	9	E. Clark Toleman Curriculum Vitae	No
Toleman	10	Photographs of a one million gallon water tank	No

Toleman	11	Photographs of a one million gallon water tank at different distances	No
Toleman	12	Chart of water tank volumes	No
Toleman	13	Photographs of Harrods Ridge Subdivision	No
Ritchie	14	Mike Ritchie Curriculum Vitae	No
Ritchie	15	JSEWD Tank Siting Study	Yes
Ritchie	16	JSEWD Data Responses Regarding Siting Methodology	Yes
Ritchie	17	Evaluation of JSEWD Tank Siting Study	Yes
Ritchie	18	JSEWD Statements Regarding Water Tank Elevation	Yes

Dated the 11<sup>th</sup> day of March 2013.

Respectfully submitted,

Robert M. Watt, III  
Monica H. Braun  
Stoll Keenon Ogden PLLC  
300 West Vine Street, Suite 2100  
Lexington, Kentucky 40507  
859-231-3000  
robert.watt@skofirm.com  
monica.braun@skofirm.com

By: Monica H. Braun *upb man*  
Counsel for Intervenors

**CERTIFICATE OF SERVICE**

This is to certify that the foregoing pleading has been served by e-mail (by agreement of the parties) to the following persons on this the 11<sup>th</sup> day of March 2013:

Bruce E. Smith, Esq.  
Bruce E. Smith Law Offices, PLLC  
201 South Main Street  
Nicholasville, Kentucky 40356  
bruce@smithlawoffice.net

W. Randall Jones, Esq.  
Rubin & Hays  
Kentucky Home Trust Building  
450 South Third Street  
Louisville, Kentucky 40202  
wrjones@rubinhays.com

  
Counsel for Intervenors

FOREST HILLS HOA  
SONNY BATES  
704 CHINKAPIN  
NICHOLASVILLE, KY 40356

FOREST HILLS HOA  
SONNY BATES  
704 CHINKAPIN  
NICHOLASVILLE, KY 40356

Check/Credit Memo No:

**Bill To:**

FOREST HILLS HOA  
 SONNY BATES  
 704 CHINKAPIN  
 NICHOLASVILLE, KY 40356

**Ship to:**

FOREST HILLS HOA  
 SONNY BATES  
 704 CHINKAPIN  
 NICHOLASVILLE, KY 40356

Customer ID		Customer PO		Payment Terms	
FOREST HILLS				Net 30 Days	
Sales Rep ID		Shipping Method		Ship Date	Due Date
		Courier			5/7/11
Quantity	Item	Description		Unit Price	Amount
1.00		LEGAL - TANK SITE		445.00	445.00

Check/Credit Memo No:



BRUCE E. SMITH LAW OFFICES, PLLC

201 SOUTH MAIN STREET  
NICHOLASVILLE, KENTUCKY 40356  
(859) 885-3393 • (859) 885-1152 FAX

BRUCE E. SMITH  
bruce@smithlawoffice.net

March 3, 2011

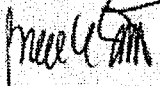
Mr. W.D. Bates  
704 Chinkapin Drive  
Nicholasville, Kentucky 40356

Re: Tank Site

Dear Mr. Bates:

The Board of Commissioners of the District has directed me to advise the Association you represent that its decision not to relocate the tank site near Forest Hills remains unchanged.

Sincerely,



Bruce E. Smith

cc: Commissioners

g:\\_JSEWD\Forest Hills\Bates ltr 30311

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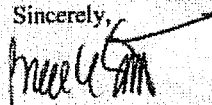
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Blumberg No. 5119

EXHIBIT

8

## QUALIFICATION OF APPRAISER

E. Clark Toleman, MAI

### PROFESSIONAL MEMBERSHIP:

MAI           Member of the Appraisal Institute  
SRPA -       MAI No. 7572  
SRA -       General Certification – Kentucky Real Estate  
              Appraisers Board No. 109.

Member of the Commercial Property Association of Lexington.

Member of the International Rights of Way Association.  
Licensed Real Estate Broker State of Kentucky.  
Lexington Board of Realtors.  
Kentucky Association of Realtors.  
National Association of Realtors.

**BIRTH DATE:**       Lexington, Kentucky – May 11, 1948.

### EDUCATION:

Graduated:           West Australia Institute of Technology, Perth Australia – Diploma in  
Business Studies, Major in Real Estate Valuation, 1974.

Completed all course requirements for the Australian Institute of Values,  
the American Institute of Real Estate Appraisers and Society of Real  
Estate Appraisers

Participating in Continuing Education through Seminars and Courses by  
the Appraisal Institute.

**EXPERIENCE:**       Full time career in all phases of Real Estate, Employed in Proper  
Management, Office Development, Leasing and Valuation. Real Estate  
Appraiser in Lexington, Kentucky since 1974. Owner and Manager of  
Investment Property. Self employed and Owner of E. Clark Toleman  
Real Estate Appraisal Services.

### APPRAISAL CLIENTS:

#### Financial Institutions:

Bank of Lexington, First Security National Bank, Bank One, Citizens Fidelity Bank in  
Lexington, First National Bank Of Louisville, Fifth Third Bank of Campbell County. Recent  
non-bank lender clients include: The Travelers, Realty Investment Company, Memphis,



Tennessee: New York Life, Atlanta, Georgia: Aegon USA Realty Advisors of Cedar Rapids, Iowa.

Governmental Institutions:

Lexington Fayette Urban County Government, Corps of Engineers, U.S. Department of Justice, General Services Administration, U.S. Postal Services, Census Bureau, Resolution Trust Corporation, FDIC, FSLIC, Commonwealth of Kentucky, Transportation Cabinet.

**APPRAISED FOR:**

Major Horse Farms. Full Range of Commercial Properties, Multi-Family Residential, Condemnation cases for Plaintiff and Defendants, Internal Revenue Service, Utility Companies, Four Flood Control Lane Projects, Urban Renewal, Major Industrial Properties and Highway Rights of Way.

**QUALIFIED AS EXPERT IN REAL ESTATE VALUES:**

Federal Court of Kentucky – Eastern and Western Division. Testified in Local Tax Appeal Cases. Circuit Court of Clark County, Kentucky. United States Bankruptcy Court.

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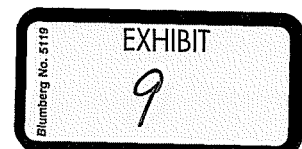
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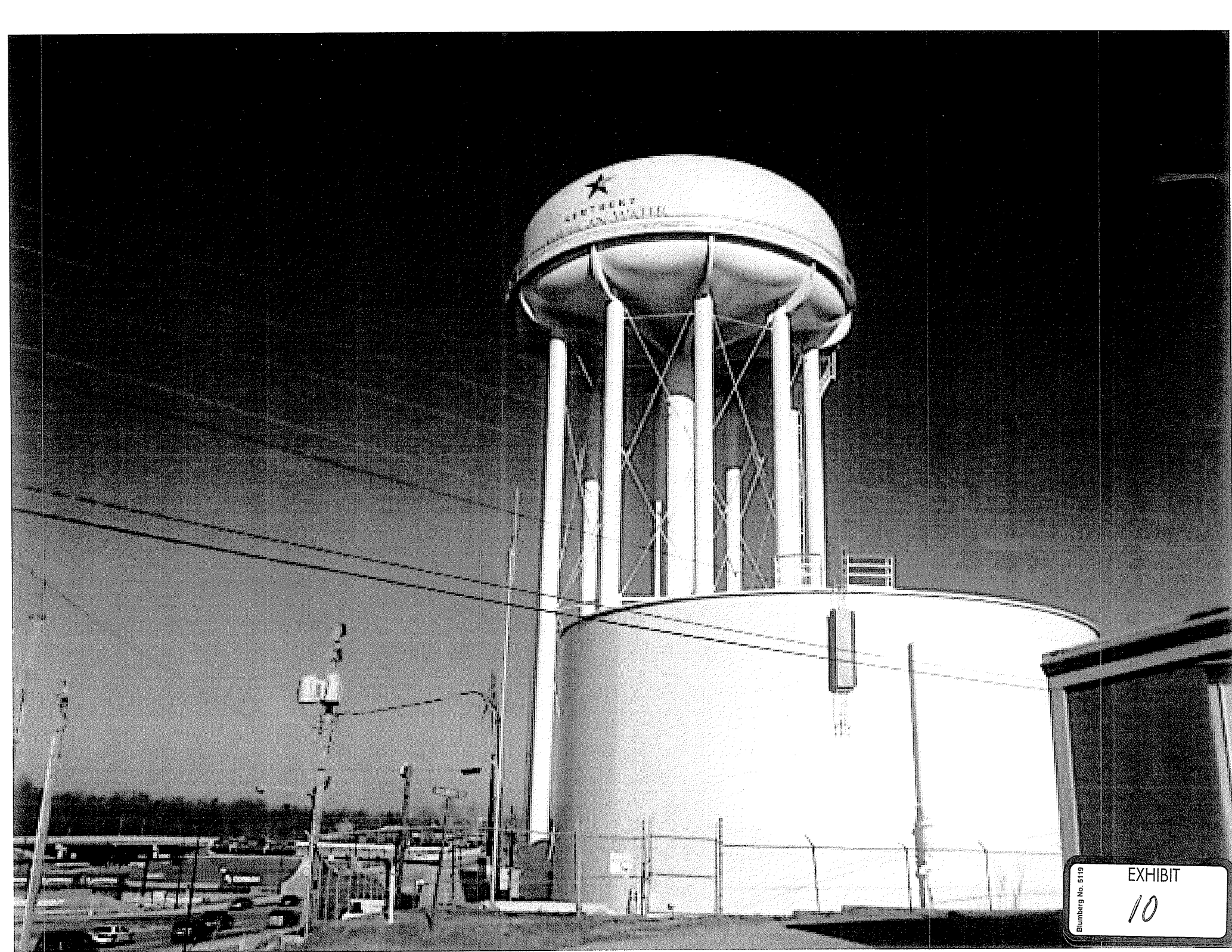
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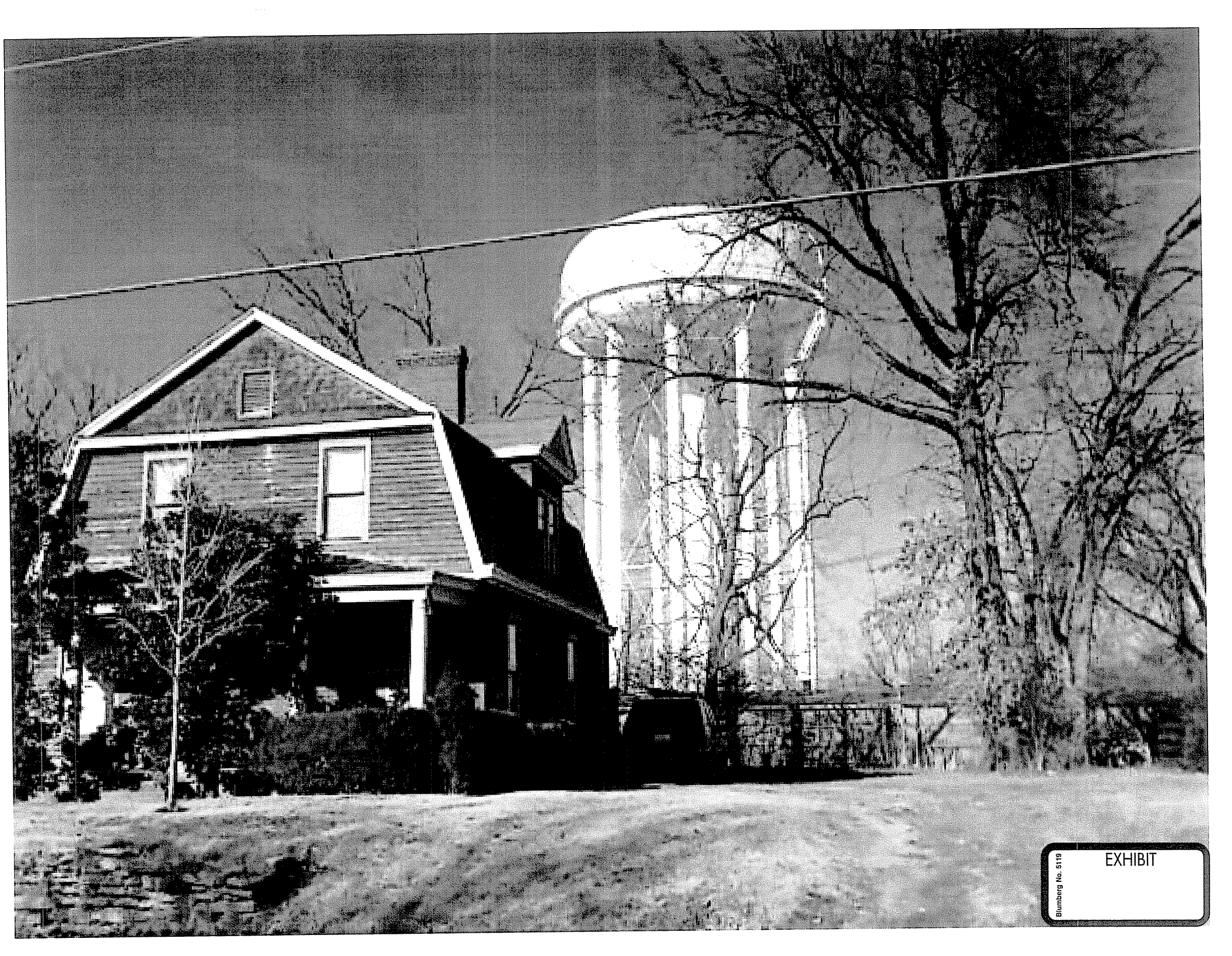
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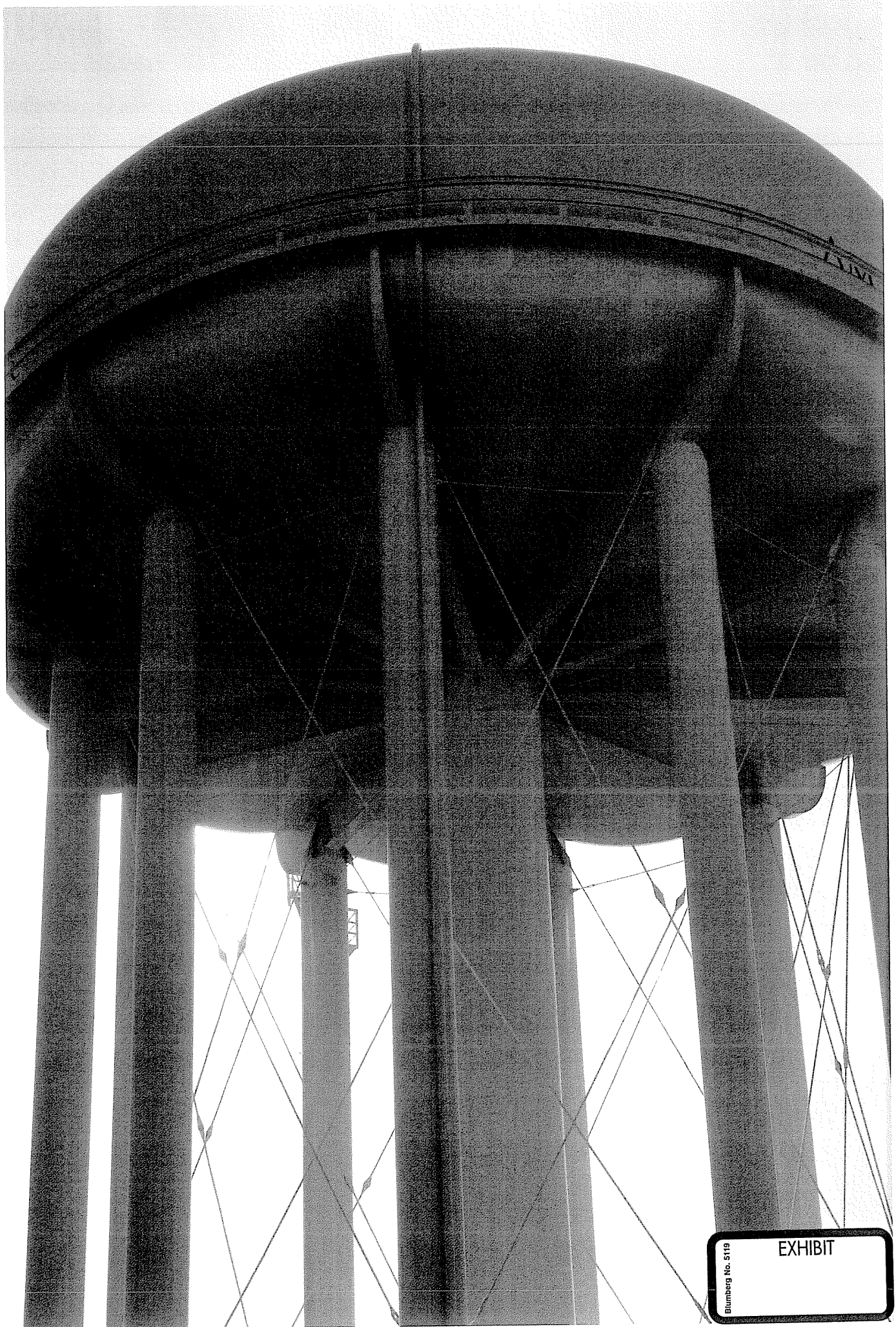
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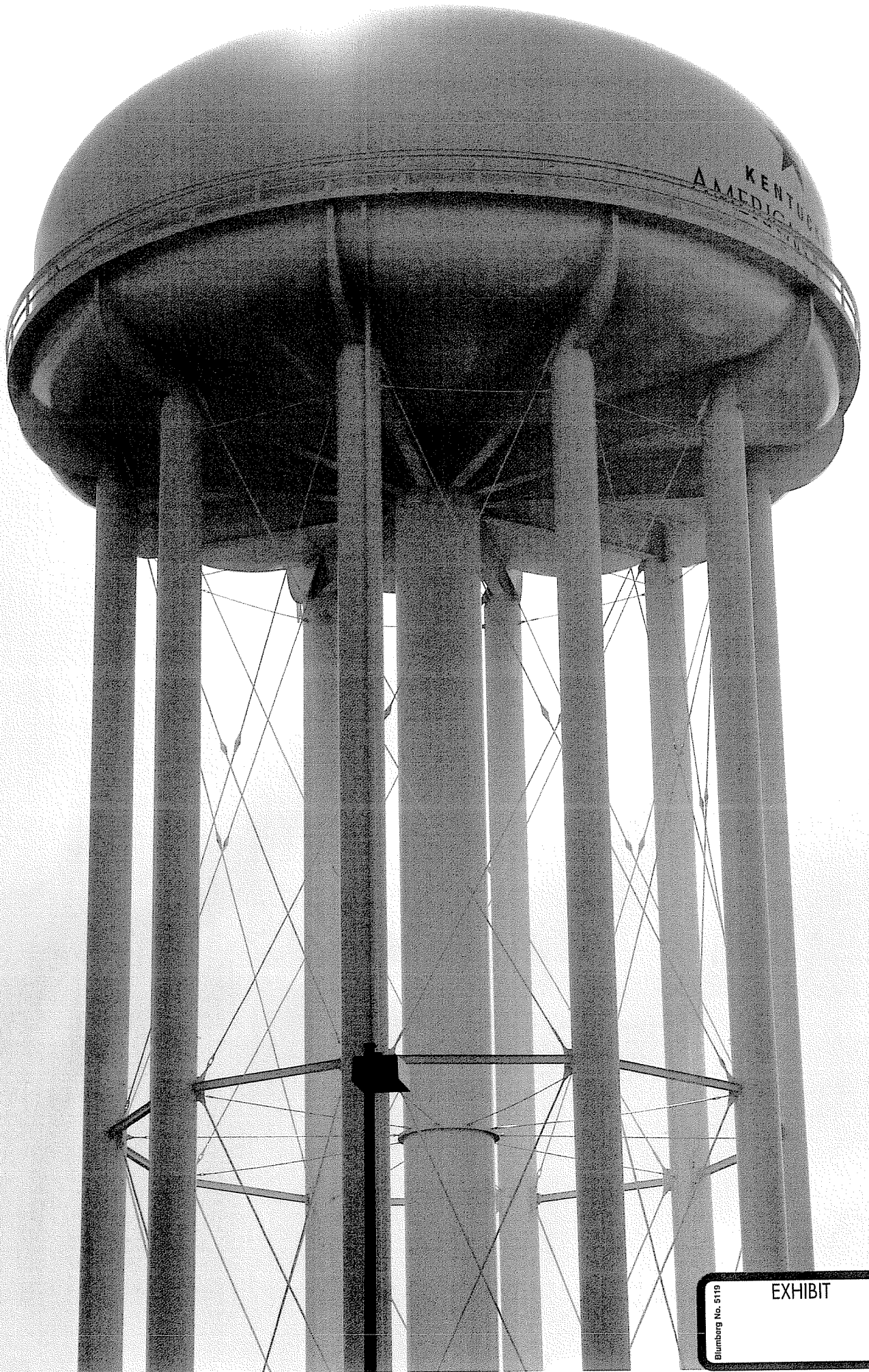
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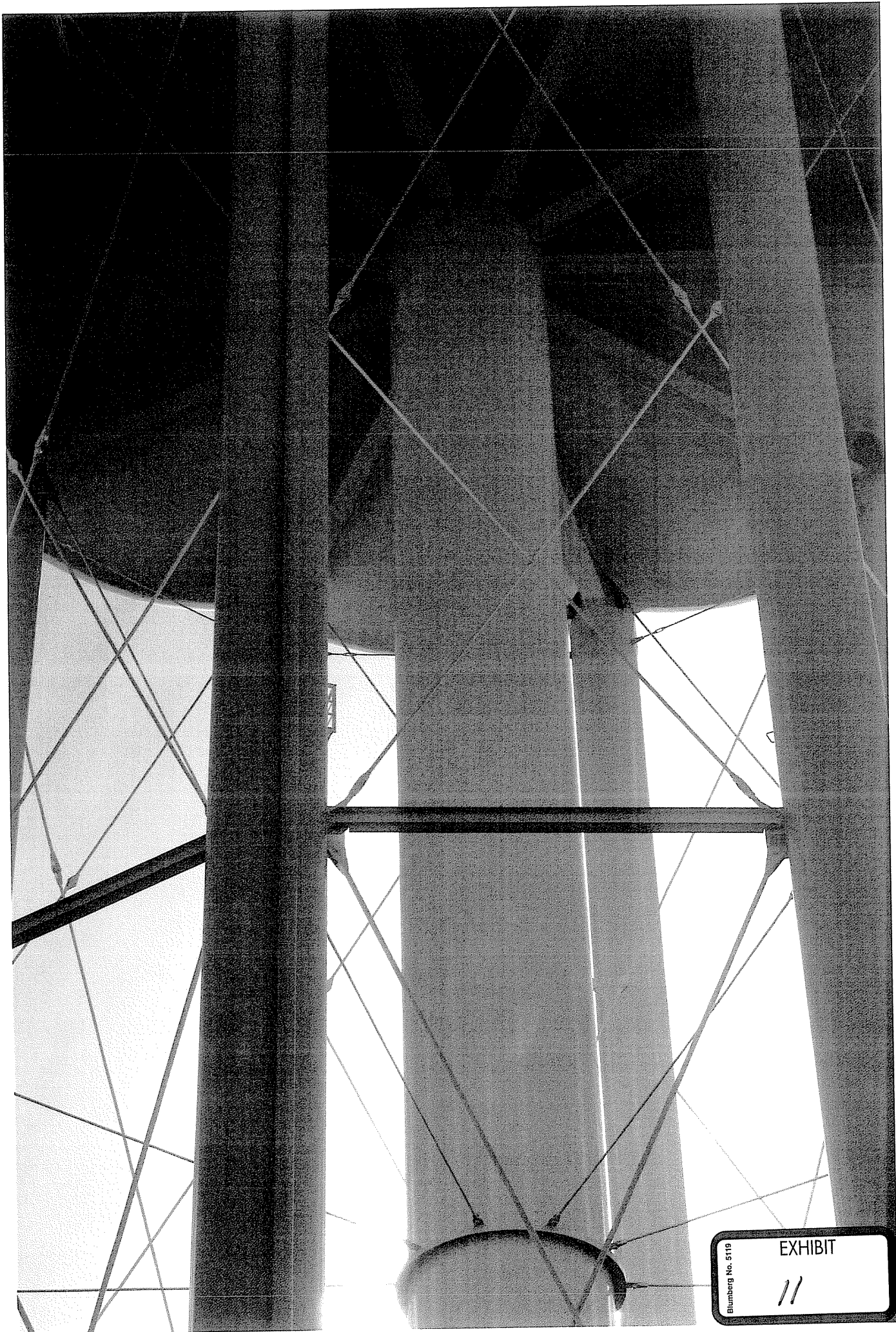
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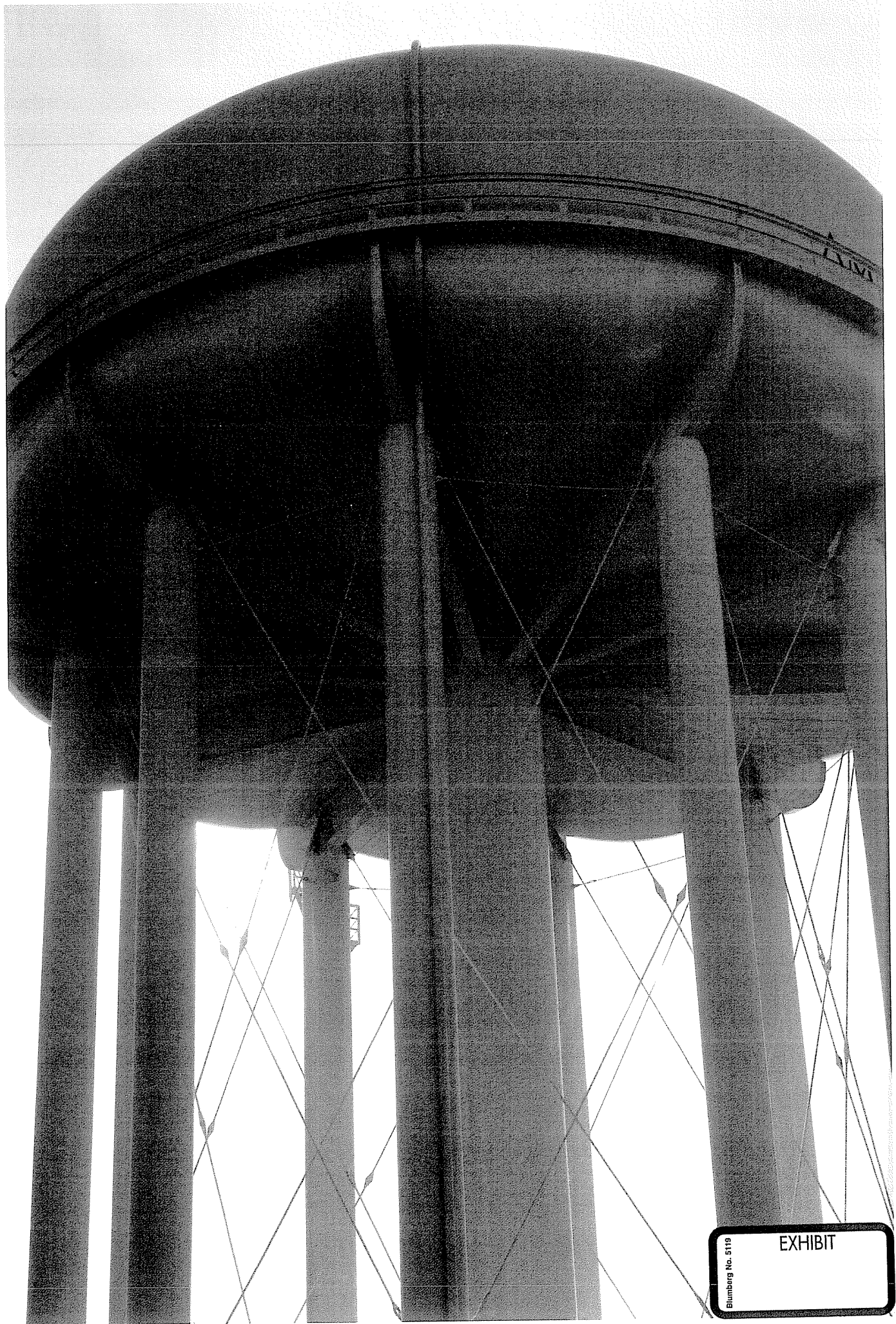
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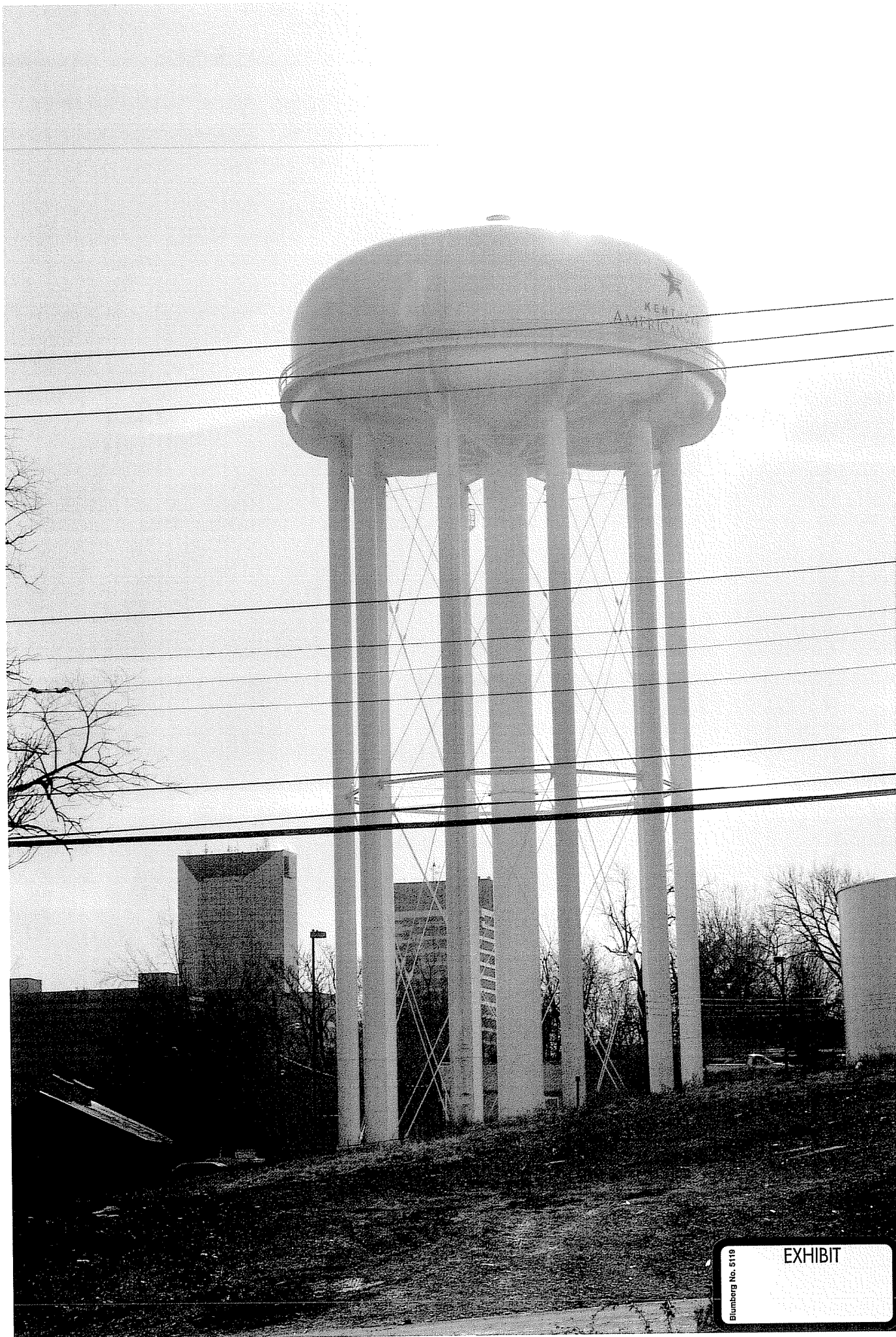
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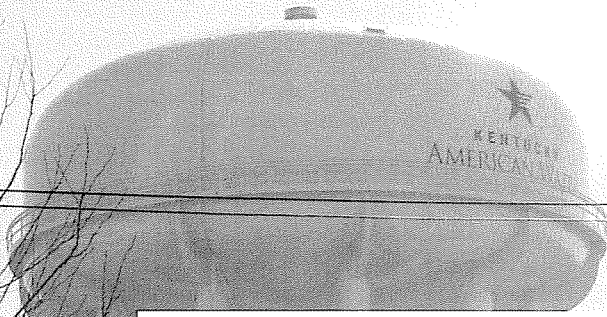
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EXHIBIT



[www.chaselegal.com](http://www.chaselegal.com)

859.225.3990



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4947

COMMONWEALTH OF KENTUCKY  
PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

APPLICATION OF KENTUCKY-AMERICAN WATER )  
COMPANY FOR A DETERMINATION BY THE )  
PUBLIC SERVICE COMMISSION OF THE ADEQUACY )  
OF ITS WATER STORAGE CAPACITY ANALYSIS ) CASE NO. 2005-00546  
DATED DECEMBER 21, 2005, AND FOR A DEVIATION )  
FROM 807 KAR 5:066, SECTION 4 (4), UNTIL )  
DECEMBER 31, 2020, PURSUANT TO 807 KAR 5:066, )  
SECTION 18 )

RESPONSE TO COMMISSION STAFF'S FIRST SET OF  
INTERROGATORIES AND REQUESTS FOR  
PRODUCTION OF DOCUMENTS DATED AUGUST 3, 2006

Item No. 2

---

Witness: Linda C. Bridwell

2. Provide all correspondence, internal memoranda, and electronic mail messages in which Kentucky-American employees or officials discuss the current water storage capacity analysis or Kentucky-American's application for deviation.

RESPONSE

Please see attached.



## Existing Storage and Pumping Facilities

Kentucky-American Water Company Existing Storage and Pumping Facilities								
Source								
Intake				No. of Pumps	Total Pumping Capacity (MGD)	* Reliable Pump Capacity (MGD)	** Standby Pump Capacity (MGD)	
Kentucky River				6	74.4	62.0	0.0	
Jacobson Reservoir				3	22.8	9.4	13.4	
Lake Ellerslie				2	10.0	4.0	6.0	
<b>Total</b>				<b>11</b>	<b>107.2</b>	<b>75.4</b>	<b>19.4</b>	
Treatment Plant Delivery								
Plant	Clearwell Volume (MG)	Effective Clearwell 50% Volume (MG)		No. of Pumps	Total Pumping Capacity (MGD)	* Reliable Pump Capacity (MGD)	** Standby Pump Capacity (MGD)	
KRS	2.97	1.48		6	51.6	41.7	9.9	
RRS	1.05	0.52		6	37.0	27.0	16.5	
<b>Total</b>	<b>4.02</b>	<b>2.00</b>		<b>12</b>	<b>88.6</b>	<b>68.7</b>	<b>26.4</b>	
Main Service Gradient								
Tank	Year Built	Effective Volume (MG)	Overflow Elevated	Overflow Elevation	No. of Pumps	Total Pumping Capacity (MGD)	* Reliable Pump Capacity (MGD)	** Standby Pump Capacity (MGD)
Clays Mill	1995	2.75	No	1022.50	2	18.00	9.00	9.00
Tates Creek	1954	0.30	Yes	1185.25	0	N/A	N/A	N/A
Parkers Mill	1968	2.78	No	1025.00	1	9.00	0.00	9.00
York Street	1949	0.91	No	1000.25	1	2.50	0.00	0.00
Cox Street Ground	1948	0.91	No	1001.75	1	2.50	0.00	0.00
Cox Street Elevated	1955	1.00	Yes	1117.00	1	3.00	0.00	0.00
Mercer Road	1965	2.00	Yes	1107.00	1	5.00	0.00	0.00
Hume Road	1988	2.75	No	979.50	3	9.00	6.00	6.00
<b>Total</b>		<b>13.40</b>			<b>10</b>	<b>49.00</b>	<b>15.00</b>	<b>24.00</b>
High Service Gradient (Remote Boosters)								
Booster				No. of Pumps	Total Pumping Capacity (MGD)	* Reliable Pump Capacity (MGD)	** Standby Pump Capacity (MGD)	
Briar Hill				2	4.00	2.00	0.00	
Mt. Horeb				2	1.15	0.57	0.00	
Newtown				3	7.70	4.70	7.70	
Delaplain Road				1	0.85	0.00	0.00	
<b>Total</b>				<b>8</b>	<b>13.70</b>	<b>7.27</b>	<b>7.70</b>	
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Briar Hill	1998	0.75	Yes	1150.00	0	N/A	N/A	N/A
Muddy Ford	1989	0.75	Yes	1130.00	0	N/A	N/A	N/A
Hall	1962	0.20	No	1115.00	2	0.58	0.29	0.00
<b>Total</b>		<b>1.70</b>			<b>2</b>	<b>0.58</b>	<b>0.29</b>	<b>0.00</b>
Sadieville								
Tank	Year Built	Effective Volume (MG)	Overflow Elevated	Overflow Elevation	No. of Pumps	Total Pumping Capacity (MGD)	* Reliable Pump Capacity (MGD)	** Standby Pump Capacity (MGD)
Sadieville	1975	0.20	Yes	1150.0	0	N/A	N/A	N/A
<b>Total</b>		<b>0.20</b>			<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

COMMONWEALTH OF KENTUCKY  
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IN THE MATTER OF:

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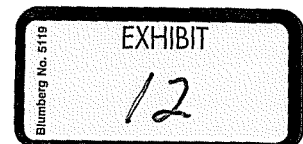
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Blumberg No. 5119

13

EXHIBIT







Blumberg No. 5119

13

EXHIBIT





Revised: 01/07/2013  
Created: 10/22/2004

**G. MICHAEL RITCHIE, PE, PLS, PSM, CP**  
**President | Chief Executive Officer**  
**PHOTO SCIENCE**

**Mike Ritchie, PE, PLS, PSM, CP** is **President** and **CEO** of Photo Science, a full-service *Geospatial Solutions* company headquartered in Lexington, Kentucky with branch offices in California, Colorado, Florida, Georgia, Kansas, Maryland, Michigan, and Pennsylvania.



Mr. Ritchie graduated from the University of Kentucky in 1972 with a Bachelors Degree in Civil Engineering. He has more than 40 years of experience in his field and currently holds professional engineering registrations in sixteen (16) states, is a licensed professional land surveyor in nine (9) states, and is a nationally recognized Certified Photogrammetrist. He has served as Project Manager for numerous state and local government engineering, surveying, mapping, and GIS projects, as well as for large federal geospatial data projects including projects for various U.S. Department of Defense agencies. He has spearheaded several computer application developments service the utility and GIS fields. Under his leadership, Photo Science has grown to nearly 200 staff, 13 aircraft, and several state-of-the-art digital sensors.

Mr. Ritchie is a past National President for MAPPS (Management Association for Private Photogrammetric Surveyors), KSPE (Kentucky Society of Professional Engineers), and KCEC (Kentucky Council of Engineering Companies), and for KEF (Kentucky Engineering Foundation). He is formerly a National Director of NSPE (National Society of Professional Engineers). He is a past National Chairman on COFPAES (Council On Federal Procurement of Architectural and Engineering Services), which represents the ACSM (American Congress on Surveying and Mapping), AIA (American Institute of Architects), ASCE (American Society of Civil Engineers), MAPPS, and NSPE. Mr. Ritchie has served as a National Director representing Kentucky to ACEC (American Council of Engineering Companies). In 1999, Mr. Ritchie was elected to the ACEC College of Fellows.

Mr. Ritchie has served on the NCEES (National Council of Examiners for Engineering and Surveying) Task Force on the model law revisions to the practice of land surveying and photogrammetry. In addition, he was completed a two-year term on the National Geospatial Advisory Committee for the U.S. Department of Interior to advise the Federal Government on use of Geospatial Technology. Currently, Mr. Ritchie serves on the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors.

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**G. MICHAEL RITCHIE, PE, PLS, PSM, CP**  
**President | Chief Executive Officer**  
**PHOTO SCIENCE**

**Mike Ritchie, PE, PLS, PSM, CP** is **President and CEO** of Photo Science, a full-service *Geospatial Solutions* company headquartered in Lexington, Kentucky with branch offices in California, Colorado, Florida, Georgia, Kansas, Maryland, Michigan, and Pennsylvania.



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