

INVITATION TO BID

No. 17-15

ROCKDALE COUNTY, GEORGIA

March 1, 2017

**Remove, Dispose, and Replace Courthouse
Windows**



**ROCKDALE COUNTY FINANCE DEPARTMENT
PROCUREMENT DIVISION
958 MILSTEAD AVENUE
CONYERS, GA 30012
770-278-7552**

INTRODUCTION:

This is an Invitation to Bid (ITB) for the removal, disposal, and replacement of windows in the Courthouse in Rockdale County. Instructions for preparation and submission of a bid are contained in this packet. Bids must be typed or printed in ink.

Rockdale County provides equal opportunity for all businesses and does not discriminate against any person or business because of race, color, religion, sex, national origin, and handicap or veterans status. This policy ensures all segments of the business community have access to supplying the goods and services needed by Rockdale County.

PURCHASING CONTACT FOR THIS REQUEST:

All questions concerning this ITB and all questions arising subsequent to award are to be addressed to the Purchasing Division via email to Meagan Porch, Buyer, at meagan.porch@rockdalecountyga.gov or the following address:

Rockdale County Finance Department
Purchasing Division
Attn: Meagan Porch
958 Milstead Avenue
Conyers, GA 30012
Phone: (770) 278-7557, Fax (770) 278-8910
E-mail: meagan.porch@rockdalecountyga.gov

To maintain a "level playing field", and to assure that all bidders receive the same information, bidders are requested **NOT** to contact anyone other than the contact above until after the award of the contract. Doing so could result in disqualification of the bidder.

BID COPIES FOR EVALUATION:

Three (3) hard copies and one (1) original hard copy and one (1) CD or Flash Drive in Adobe PDF format will be required for review purposes. *(Original must be clearly marked "Original" and the Copies clearly marked "Copies.")*. CD's that are blank or have incorrect information on them will not be acceptable and may be justification for disqualification. Check your disk(s) to ensure that they have the appropriate material on it before submitting.

All bid materials must be completed and enclosed in a sealed envelope prior to submittal. The ITB number must be clearly written on the outside of the envelope. **Incomplete, incorrect, unsealed, unmarked, or improperly submitted bids may be rejected.**

CONTRACT TERM:

TBD ___ days from date of Notice to Proceed.

DUE DATE:

Sealed bids will be received at the Rockdale County Finance Department, Procurement Division, 958 Milstead Avenue, Conyers, GA 30012 no later than **2:00 P.M., local time, Thursday, April 6, 2017**. Bids received after this time will not be accepted. Bidders are not required to attend bid opening.

PRE-BID CONFERENCE:

There will be a **MANDATORY** Pre-Bid Conference and Site Visit on **Monday, March 20, 2017 at 10:00 a.m., local time, at the Rockdale County Administration Building, 958 Milstead Avenue, 1st Floor Conference Room No. 106, Conyers, GA 30012.** Site Visit will follow immediately after this meeting. All attendees will walk across the street to the courthouse. Any questions and/or misunderstandings that may arise from this ITB may be asked and answered at the pre-bid conference; however, oral responses are not authoritative. Bidders are encouraged to review the ITB before attending the pre-bid conference. Questions received after the pre-bid conference must be submitted in writing to meagan.porch@rockdalecountyga.gov or at the above address. ***Any contractor who intends to submit a Bid is required to attend this meeting.***

QUESTIONS AND CLARIFICATIONS:

All questions and/or requests for clarifications concerning this ITB must be submitted to the Purchasing Division via email to meagan.porch@rockdalecountyga.gov or at the above address no later than **2:00 p.m., local time, on Thursday, March 30, 2017.** It shall be the Bidders responsibility to seek clarification as early as possible prior to the due date and time. Written responses from the County to the questions it receives will be in an addendum and posted to the County's website at www.rockdalecountyga.gov, under Bid Opportunities. Questions or requests for clarifications received after this deadline will not receive a response.

ADDENDA:

Answers to questions submitted that materially change the conditions and specifications of this ITB will be issued in an addendum and posted to the County's website at www.rockdalecountyga.gov under Bid Opportunities. Any discussions or documents will be considered non-binding unless incorporated and issued in an addendum.

It is the bidder's responsibility to check the Rockdale County website at www.rockdalecountyga.gov, under Bid Opportunities for any addenda that may be issued, prior to submitting a bid for this ITB.

WARRANTY AND / OR GUARANTY:

The bidder will state below or will furnish a separate letter attachment which fully explains the condition of Warranty and/or Guaranty. If no Warranty and/or Guaranty is applicable, it must be so stated. NOTE: Failure to respond to the requirement of this paragraph may result in the bid being non-responsive.

FOREIGN PRODUCTS:

Rockdale County prefers to buy items produced and/or manufactured in the United States of America; however, foreign products may be considered provided it is so stated. Bidder certifies that item(s) offered on this bid is/are manufactured/produced in the United States.

Yes _____ No _____

If "No" state place: _____

QUALIFICATIONS OF OFFERORS:

Bidders must have a current business license from their home office jurisdiction and provide a copy of that license with the submittal of their bid response. Rockdale County vendors doing business in Rockdale County must have a current Rockdale County Business License.

Bids from any offeror that is in default on the payment of any taxes, license fees, or other monies due to Rockdale County will not be accepted.

Bidders are to submit at least (3) three references from projects with similar experience using the materials and process in this Invitation to Bid.

GENERAL CONTRACTOR'S LICENSE

As required by O.C.G.A. § 43-41-6, *et seq.*, a Bidder responding to this Invitation to Bid must provide a copy of its Georgia General Contractor's License. The Georgia General Contractor's License must be issued in the name of the Bidder. All licenses must be current, valid, and issued in compliance with applicable law. Failure to provide this license with the Bid may result in the proposed Bid being deemed non-responsive.

SILENCE OF SPECIFICATIONS

The apparent silence of these specifications and any supplemental specifications as to any details, or the omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail and that only materials of first quality and correct type, size and design are to be used. All workmanship is to be first quality. All interpretations of this specification shall be made upon the basis of this statement, with County interpretation to prevail.

OPTION TO AUDIT

Successful bidder will be required to maintain complete records during the life of the contract and for a period of one year after completion of the contract. Such records are to be made available to the County if officially requested, to be audited by a designated County auditing staff. In such audits reveal overcharges and/or undercharges, such will be adjusted and compensation made by either party to correct charges.

TORT IMMUNITY:

No officer, employee, or agent of the County acting within the scope of his/her employment or function shall be held personally liable in tort or named as a defendant in any action for injury or damage suffered because of any act, event, or failure to act.

PROPRIETARY INFORMATION:

Careful consideration should be given before submitting confidential information to Rockdale County. The Georgia Open Records Act permits public scrutiny of most materials collected as part of this process. Please clearly mark any information that is considered a trade secret, as defined by the Georgia Trade Secrets Act of 1990, O.C.G.A. §10-1-760 *et seq.*, as trade secrets are exempt from disclosure under the Open Records Act. Rockdale County does not guarantee the confidentiality of any information not clearly marked as a trade secret.

AWARD OF CONTRACT:

The Rockdale County Procurement Office and/or Evaluation Committee make a recommendation for award. The Board of Commissioners will make the actual award of the contract and has the authority to award the contract to a company different than the company recommended by the Procurement Office and/or Evaluation Committee. Rockdale County reserves the right to make no awards, multiple awards, one award for all items; or whatever the County deems to be in its best interest.

QUANTITIES:

The quantities listed in the Bidders Response Schedule are provided as an estimate for bid purposes. The County will not be obligated to quantities beyond actual needs.

SELECTION PROCESS:

The Rockdale County Procurement Office and/or Evaluation Committee make a recommendation for award. The Board of Commissioners will make the actual award of the contract and has the authority to award the contract to a company different than the company recommended by the Purchasing Department and/or Evaluation Committee.

This is a past performance/quality/price trade-off source selection in which competing offeror's past and present performance history and product quality will be evaluated on a basis approximately equal to price. Award will be made to the responsible offeror whose bid represents the best value after evaluation in accordance with the factors listed below. Rockdale County Board of Commissioners may reject any or all bids if such action is in the county's interest.

Rockdale County may evaluate bids and award a contract without discussions with offerors. Therefore, the offeror's initial bid should contain the offeror's best terms from a price and technical standpoint. The County reserves the right to conduct discussions if the County later determines them to be necessary.

INSURANCE:

The Company shall maintain in full force and effect the following insurance during the term of the Agreement.

Coverage	Limits of Liability
Workers' Compensation	Statutory
Employers' Liability	\$1,000,000.00
Bodily Injury Liability	\$1,000,000.00 each occurrence
except Automobile	\$1,000,000.00 aggregate
Property Damage Liability	\$1,000,000.00 each occurrence
except Automobile	\$1,000,000.00 aggregate
Personal & Advertising Injury Limit	\$1,000,000.00
Products / Completed Ops.	\$2,000,000.00 aggregate
Automobile Bodily Injury	\$1,000,000.00 each person
Liability	\$1,000,000.00 each occurrence
Automobile Property Damage	\$1,000,000.00 each occurrence
Liability	
Property Coverage /Builders Risk Policy	Equal to or greater than the existing building limit if performing renovations.
(If hazardous substances are involved)	
Contractor's Pollution Liability (with 1 year extended reporting period)	
Each Occurrence	\$1,000,000.00
Aggregate	\$2,000,000.00
Environmental Impairment Liability (with 1 year extended reporting period)	
Each Occurrence	\$1,000,000.00
Aggregate	\$2,000,000.00
Professional Liability/General Liability	\$1,000,000.00
Excess Umbrella Liability	\$3,000,000.00

All insurance shall be provided by an insurer(s) acceptable to the County, and shall provide for thirty (30) days prior notice of cancellation to the County. Upon contract award, Contractor shall deliver to the County a certificate or policy of insurance evidencing Contractor's compliance with this paragraph. Contractor shall abide by all terms and conditions of the insurance and shall do nothing to impair or invalidate the coverage.

Rockdale, GA shall be named as Additional Insured under any General Liability, Business Auto and Umbrella Policies using ISO Additional Insured Endorsement forms CG 2010 or its equivalent. Coverage shall apply as Primary and non-contributory with Waiver of Subrogation in favor of Rockdale County, Georgia.

The insurance carrier must have a minimum rating of A or higher as determined by the rating firm A.M. Best.

Certificates to contain policy number, policy limits and policy expiration date of all policies issued in accordance with this contract.

BONDS:

Rockdale County shall request the following for bids/proposals in excess of Fifty Thousand Dollars (\$50,000.00).

BID BOND

Each bid shall include a bid bond in the amount of five percent (5%) of the total bid amount as guarantee that the bidder shall not withdraw the bid for 120 days after the scheduled bid opening. If awarded the contract, Bidders shall enter a written agreement with Rockdale County in accordance with the bid.

PERFORMANCE BOND

Upon execution and delivery of the contract, the bidder shall furnish Rockdale County a performance bond for the full amount of the contract. Maintenance provisions of the bond shall remain in effect for a period of twelve (12) months after acceptance of the work by the County. The surety shall be a reputable bonding company authorized to transact business in the State of Georgia.

PAYMENT BOND

Upon execution and delivery of the contract, the bidder shall furnish Rockdale County a payment bond for the full amount of the contract. Maintenance provisions of the bond shall remain in effect for a period of twelve (12) months after acceptance of the work by the County. The surety shall be a reputable bonding company authorized to transact business in the State of Georgia.

PERMITS:

The awarded contractor will be responsible for acquiring any permits that are required for this project/purchase. Rockdale County will waive fees on all permits issued by Rockdale County.

ILLEGAL IMMIGRATION REFORM AND ENFORCEMENT ACT OF 2011

Vendors submitting a Qualification package in response to this ITB must complete the Contractor Affidavit under O.C.G.A. §13-10-91(b)(1) which is provided with the ITB package to verify compliance with the Illegal Immigration Reform and Enforcement Act of 2011.

- A. The form must be signed by an authorized officer of the contractor or their authorized agent.
- B. The form must be notarized.
- C. The contractor will be required to have all subcontractors and sub-subcontractors who are engaged to complete physical performance of services under the final contract executed between the County and the contractor complete the appropriate subcontractor and sub-subcontractor affidavits and return them to the County a minimum of five (5) days prior to any work being accomplished by said subcontractor or sub-subcontractor. Format for this affidavit can be provided to the contractor if necessary.

ENERGY EFFICIENT, RECYCLING, AND WASTE REDUCTION PURCHASING POLICY

Policy #R-2015-08 includes the following language:

The Rockdale County Board of Commissioners only purchases energy star rated equipment and appliances that are economically responsible and reduce resource consumption and waste within federal, state, and local laws. The County will only purchase recycled copy, computer, and fax paper with at least 30 percent recycled content.

A copy of the policy may be viewed and downloaded by visiting the website at www.rockdalecountyga.gov , under Bid Opportunities, and scrolling down to the bottom of the page.

LIQUIDATED DAMAGES

Time is of the essence and is an essential element of this Contract, and the Contractor shall pay to the County, not as a penalty, but as liquidated damages, the sum of \$100.00 for each calendar day that there is default of completing the Work within the time limit named herein. If the Contractor abandons the Contract before commencement of the Work or defaults in completion of all the Work after commencement thereof, the Contractor shall be liable for such liquidated damages. These fixed liquidated damages are not established as a penalty but are calculated and agreed upon in advance by the County and the Contractor due to the uncertainty and impossibility of making a determination as to the actual and consequential damages incurred by the County and the general public of Rockdale County, Georgia as a result of the failure on the part of the Contractor to complete the Work on time. Such liquidated damages referred to herein are intended to be and are cumulative and shall be in addition to every other remedy now or hereafter enforceable at law, in equity, by statute, or under the Contract.

GENERAL INFORMATION:**RECEIPT OF BID:**

No bids received after said time or at any place other than the time and place as stated in the notice shall be considered. No responsibility shall attach to Rockdale County for the premature opening of a bid not properly addressed and identified.

WITHDRAWAL OF BID:

A bidder may withdraw his bid before the bid due date, without prejudice to the bidder, by submitting a written request of withdrawal to the Rockdale County Procurement Office.

REJECTION OF BID:

Rockdale County may reject any and all bids and must reject a bid of any party who has been delinquent or unfaithful in any formal contract with Rockdale County. Also, the right is reserved to waive any irregularities or informalities in any bid in the proposing procedure. Rockdale County shall be the sole judge as to which bid is best, and in ascertaining this, will take into consideration the business integrity, financial resources, facilities for performing the work, and experience in similar operations of the various bidders.

STATEMENT OF EXPERIENCE AND QUALIFICATIONS:

The bidder may be required, upon request, to prove to the satisfaction of Rockdale County that he/she has the skill, experience, necessary facilities and ample financial resources to perform the contract(s) in a satisfactory manner and within the required time. If the available evidence of competency of any bidder is not satisfactory, the bid of such bidder may be rejected. The successful bidder is required to comply with and abide by all applicable federal and state laws in effect at the time the contract is awarded.

NON-COLLUSION AFFIDAVIT:

By submitting a bid, the bidder represents and warrants that such bid is genuine and not sham or collusive or made in the interest or in behalf of any person not therein named, that the bidder has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or any other person, firm or corporation to refrain from proposing and that the bidder has not in any manner sought by collusion to secure to that bidder any advantage over any other bidder.

INTEREST OF:

By submitting a bid, the bidder represents and warrants that a Commissioner, Administrator, employee, nor any other person employed by Rockdale County has, in any manner, an interest, directly or indirectly, in the bid or in the contract which may be made under it, or in any expected profits to arise therefrom.

DOCUMENTS DEEMED PART OF THE CONTRACT:

The notice, invitation to bidders, general conditions, and instructions for bidders, special conditions, specifications, bid, and addenda, if any, will be deemed part of the contract.

GOVERNING LAWS:

This contract is made under and shall be governed and construed in accordance with the laws of the State of Georgia.

ERRORS AND OMISSIONS:

The vendor shall not take advantage of any errors or omissions in this Bid Request, and shall promptly notify Rockdale County of any omissions or errors found in this document.

STANDARD INSTRUCTIONS:

1. The instructions contained herein shall be construed as a part of any bid invitation and/or specifications issued by Rockdale County and must be followed by each bidder.
2. The written specifications contained in this bid shall not be changed or superseded except by written addendum from Rockdale County. Failure to comply with the written specifications for this bid may result in disqualification by Rockdale County.
3. All goods and materials shall be F.O.B. Destination Conyers, Georgia and no freight or postage charges will be paid by Rockdale County unless such charges are included in the bid price.
4. The following **ITB# 17-15** must be written clearly on the outside of each bid envelope in order to avoid prior opening in error.
5. All bids must be received and in-hand at bid due date and time. Each bidder assumes the responsibility for having his/her bid received at the designated time and place of bid due date. Bids received after the stated time and date may be subject to rejection without consideration, regardless of postmark. Rockdale County accepts no responsibility for mail delivery.
6. Unless otherwise stated, all bids submitted shall be valid and may not be withdrawn for a period of 120 days from the due date.
7. Each bid form submitted must include the name of the business, mailing address, the name, title and signature of the person submitting the bid. When submitting a bid to Rockdale County the first page of your bid package should be the bid form listing the price, delivery date, etc., unless the bid form is requested to be in a separate envelope.
8. Rockdale County reserves the right to accept a bid that is not the lowest price if, in the County's judgment, such bid is in the best interest of the County and the public. The County reserves the right to reject any and all bids.
9. Telephone, Telegraphic or Facsimile bids will not be accepted.
10. No sales tax will be charged on any orders except for contracts that include construction materials being purchased through a third party.

Federal I.D. #58-6000882
Sales Tax Exempt #58-800068K
11. If applicable, completed questionnaires must be signed manually. Rockdale County reserves the right to accept or reject any bid on the basis of incomplete or inaccurate answers to the questionnaire.
12. If applicable, warranty information shall be provided.
13. Bidders shall state delivery time after receiving order.
14. Bidders shall identify any subcontractors, and include an explanation of the service or product that they may provide.

BID SPECIFICATIONS:

The specifications are as follows and on the attached pages:

General:

Purchase Price shall include delivery, F.O.B. Rockdale County, Conyers, GA 30012.

Warranty information must be provided with the submittal of bid.

Technical:

See Exhibit A

BID FORM – ITB No. 17-15

Instructions: Complete all THREE parts of this bid form.

PART I: Bid Summary

Complete the information below. If you wish to submit more than one brand, make a photocopy of this Bid Form.

1.	Lump Sum Bid	\$
2.		\$
3.		\$
4.		\$
5.		\$
6.		\$

PART II: Addenda Acknowledgements (if applicable)

Each vendor is responsible for determining that all addenda issued by the Rockdale County Finance Department – Purchasing Division have been received before submitting a bid.

Addenda	Date Vendor Received	Initials
"1"		
"2"		
"3"		
"4"		
"5"		
"6"		

PART III: Vendor Information:

Vendor Name	
Address	
Telephone	
E-Mail	
Representative (print name)	
Signature of Representative	
Date Submitted	

ROCKDALE COUNTY BOARD OF COMMISSIONERS
NON-COLLUSION AFFIDAVIT OF VENDOR

State of _____)

County of _____)

_____, being first duly sworn, deposes and says that:

(1) He/She is _____ (owner, partner officer, representative, or agent) of _____, the Vendor that has submitted the attached ITB;

(2) He/She is fully informed respecting the preparation and contents of the attached ITB and of all pertinent circumstances respecting such ITB;

(3) Such ITB is genuine and is not a collusive or sham ITB;

(4) Neither the said Vendor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Vendor, firm or person to submit a collusive or sham ITB in connection with the Contract for which the attached ITB has been submitted or refrain from proposing in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Vendor, firm or person to fix the price or prices in the attached ITB or of any other Vendor, or to fix any overhead, profit or cost element of the proposing price or the proposing price of any other Vendor, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Rockdale County or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached ITB are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Vendor or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit.

(Signed)

(Title)

Subscribed and Sworn to before me this _____ day of _____, 20

Name _____

Title _____

My commission expires (Date)

ROCKDALE COUNTY BOARD OF COMMISSIONERS
NON-COLLUSION AFFIDAVIT OF SUB-CONTRACTOR

State of _____)

County of _____)

_____, being first duly sworn, deposes and says that:

(1) He/She is _____ (owner, partner officer, representative, or agent) of _____, the sub-contractor that has submitted the attached ITB;

(2) He/She is fully informed respecting the preparation and contents of the attached ITB and of all pertinent circumstances respecting such ITB;

(3) Such ITB is genuine and is not a collusive or sham ITB;

(4) Neither the said sub-contractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Vendor, firm or person to submit a collusive or sham ITB in connection with the Contract for which the attached ITB has been submitted or refrain from proposing in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Vendor, firm or person to fix the price or prices in the attached ITB or of any other Vendor, or to fix any overhead, profit or cost element of the proposing price or the proposing price of any other Vendor, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Rockdale County or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached RFP are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the sub-contractor or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit.

(Signed)

(Title)

Subscribed and Sworn to before me this _____ day of _____, 20 ____.

Name _____

Title _____

My commission expires (Date)

Contractor Affidavit under O.C.G.A. §13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. §13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires:

Subcontractor Affidavit under O.C.G.A. § 13-10-91(b)(3)

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with (name of contractor) on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the subcontractor with the information required by O.C.G.A. § 13-10-91(b). Additionally, the undersigned subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the contractor within five business days of receipt. If the undersigned subcontractor receives notice that a sub-subcontractor has received an affidavit from any other contracted sub-subcontractor, the undersigned subcontractor must forward, within five business days of receipt, a copy of the notice to the contractor. Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Subcontractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires: _____

Sub-subcontractor Affidavit under O.C.G.A. §13-10-91(b)(4)

By executing this affidavit, the undersigned sub-subcontractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract for (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract) and (name of contractor) on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned sub-subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned sub-subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the sub-subcontractor with the information required by O.C.G.A. §13-10-91(b). The undersigned sub-subcontractor shall submit, at the time of such contract, this affidavit to (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract). Additionally, the undersigned sub-subcontractor will forward notice of the receipt of any affidavit from a sub-subcontractor to (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract). Sub-subcontractors hereby attest that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Sub-Subcontractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires: _____

Affidavit Verifying Status for County Public Benefit Application

By executing this affidavit under oath, as an applicant for the award of a contract with Rockdale, County Georgia, I _____ . [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity] am stating the following as required by O.C.G.A. Section 50-36-1:

1) _____ I am a United States citizen

OR

2) _____ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States.*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant:

Date

Printed Name:

*

Alien Registration number for non-citizens

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
_____ DAY OF _____, 20____.

Notary Public
My commission Expires:

***Note:** O.C.G.A. § 50-36-1(e)(2) requires that aliens under the federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their registration number. Because legal permanent residents are included in the federal definition of “alien”, legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below.

CONTRACTOR'S QUALIFICATION STATEMENT AND QUESTIONNAIRE

NAME OF PROPOSED CONTRACTOR: _____

I. INSTRUCTIONS

- A. All questions are to be answered in full. If copies of other documents will answer the question completely, they may be attached and clearly labeled. If additional space is needed, additional pages may be attached and clearly labeled.
- B. The owner, Rockdale County, Georgia, its agents and representatives, shall be entitled to contact each and every reference listed in response to this questionnaire, and each entity referenced in any response to any question in this questionnaire. By completing this questionnaire, the contractor expressly agrees that any information concerning the contractor in possession of said entities and references may be made available to the owner.
- C. Only complete and accurate information shall be provided by the contractor. The contractor hereby warrants that, to the best of its knowledge and belief, the responses contained herein are true, accurate, and complete. The contractor also acknowledges that the owner is relying on the truth and accuracy of the responses contained herein. If it is later discovered that any material information given in response to a question was provided by the contractor, knowing it was false, it shall constitute grounds for immediate termination or rescission by the owner of any subsequent agreement between the owner and the contractor. The owner shall also have and retain any other remedies provided by law.
- D. The completed form shall be submitted with contractor's proposals.
- E. This form, its completion by the contractor, and its use by the contractor, and its use by the owner, shall not give rise to any liability on the part of the owner to the contractor or any third party or person.

II. GENERAL BACKGROUND

- A. Current address of contractor: _____

- B. Previous Name or address of contractor: _____

- C. Current president or CEO and years in position: _____
- D. Number of permanent employees: _____
- E. Name and address of affiliated companies: _____

III. FINANCIAL STATUS

- A. Please attach financial statements for the past three years for which they are complete. If such statements are not available, please furnish the following information:

1. LAST COMPLETE FISCAL YEAR:

- A. Revenues (Gross) _____
- B. Expenditures (Gross) _____
- C. Overhead & Admin (Gross) _____
- D. Profit (Gross) _____

2. YEAR PRIOR TO "1" ABOVE:

- A. Revenues (Gross) _____
- B. Expenditures (Gross) _____
- C. Overhead & Admin (Gross) _____
- D. Profit (Gross) _____

3. YEAR PRIOR TO "2" ABOVE:

- A. Revenues (Gross) _____
- B. Expenditures (Gross) _____
- C. Overhead & Admin (Gross) _____
- D. Profit (Gross) _____

B. BANKRUPTCIES

1. Has the Contractor, or any of its parents or subsidiaries, ever had a Bankruptcy Petition filed in its name, voluntarily or involuntarily? (If yes, specify date, circumstances, and resolution).

2. Has any Majority Shareholder ever had a Bankruptcy Petition filed in his/her name, voluntarily or involuntarily? (If yes, specify date, circumstances, and resolution).

C. BONDING

1. What is the Contractor's current bonding capacity? _____

2. What is the value of the Contractor's work currently under contract? _____

IV COMPANY EXPERIENCE – SIMILAR PROJECTS

A. List three projects of reasonably similar nature, scope, and duration performed by your company in the last five years, specifying, where possible, the name and last known address of each owner of those projects:

Project #1:

Name and Address:

Date of Construction/Project: _____

Type of Construction/Project: _____

Contract Price: _____

Owner contact info: _____

Architect/Engineer contact info:
(if applicable) _____

Project #2:

Name and Address: _____

Date of Construction/Project: _____

Type of Construction/Project: _____

Contract Price: _____

Owner contact info: _____

Architect/Engineer contact info:
(if applicable) _____

Project #3:

Name and Address: _____

Date of Construction/Project: _____

Type of Construction/Project: _____

Contract Price: _____

Owner contact info: _____

Architect/Engineer contact info: _____
(if applicable) _____

V ARBITRATIONS, LITIGATIONS, AND OTHER PROCEEDINGS

Has your company been involved in any construction arbitration demands filed by, or against, you in the last five years? _____

Has your company been involved in any construction-related lawsuits (other than labor or personal injury litigation) filed by, or against, you in the last five years? _____

Has your company been involved in any lawsuits, proceedings, or hearings initiated by the National Labor Relations Board or similar state agency in the past seven years? _____

Has your company been involved in any lawsuits, proceedings, or hearings initiated by the Occupational Safety and Health Administration concerning the project safety practices of the Contractor in the last seven years? _____

Has your company be involved in any lawsuits, proceedings, or hearings initiated by the Internal Revenue Service, or any state revenue department, concerning the tax liability of the Contractor (other than audits) in the last seven years? _____

Have any criminal proceedings or investigations been brought against the Contractor in the last ten years? _____

If you answered yes to any of the questions above, please identify the nature of the claim, the amount in dispute, the parties, and the ultimate resolution of the proceeding (attach documentation if needed):

VI COMMENTS

Please list any additional information that you believe would assist the Owner in evaluating the possibility of using the Contractor on this Project. You may attach such additional information as an Exhibit to this Statement and Questionnaire.

I certify to the Owner that the information and responses provided on this Questionnaire are true, accurate and complete. The Owner, or its designated representative, may contact any entity or reference listed in this

Questionnaire. Each entity or reference may make any information concerning the Contractor available to the Owner, or its designated representative.

Contractor:

Signature

Date

Title

Sworn to and subscribed before me
This _____ day of _____.

Signature

Notary Public

My Commission Expires:

EXHIBIT A
TECHNICAL SPECIFICATIONS



**Rockdale County Court House
Window Replacement Basis of Design
Rockdale County Department of Recreation &
Maintenance
Conyers, GA 30012**

Prepared for: Rockdale County Department of Recreation and Maintenance
P.O. Box 289, Conyers, Georgia 30012

Date: December 12, 2016

Prepared by: Amec Foster Wheeler Environment & Infrastructure, Inc.
1075 Big Shanty Road NW, Suite 100, Kennesaw, Georgia 30144

Project No.: 6166160308

TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	1-1
2.0 EXISTING CONDITIONS	2-1

1.0 INTRODUCTION

The existing Rockdale County Courthouse is located at 922 Main Street in Conyers, Georgia. The Rockdale County Courthouse Window Replacement project will include the removal and replacement of approximately 59 existing exterior window units of various sizes and configurations and 1 French door. Window replacement will include modifications and/or repairs to existing interior wall finishes and/or adjacent window opening trim. Existing ACM (Asbestos Containing Materials) and Lead Base paint have been identified and documented to exist at multiple existing window locations.

The existing Rockdale County Courthouse facility will remain operational during the completion of existing window replacement work scope. Proper coordination will be required with designated Rockdale County and Courthouse facility staff to maintain facility operation and minimize disruptions. Completion of the project work scope will be limited to extended weekend only work periods. Extended weekend period will run from close of business on Friday afternoons through opening for business on the following Monday morning. Contractor to coordinate with COR for site and facility availability schedule.

The existing Rockdale County Court House is subject to Historic Preservation efforts and therefore; modifications of the existing exterior building envelope are defined as a critical component of the existing facility design. Replacement of the existing exterior window units will be required to replicate the existing window unit aesthetics as closely as possible to maintain compatibility with Historic Preservation requirements.

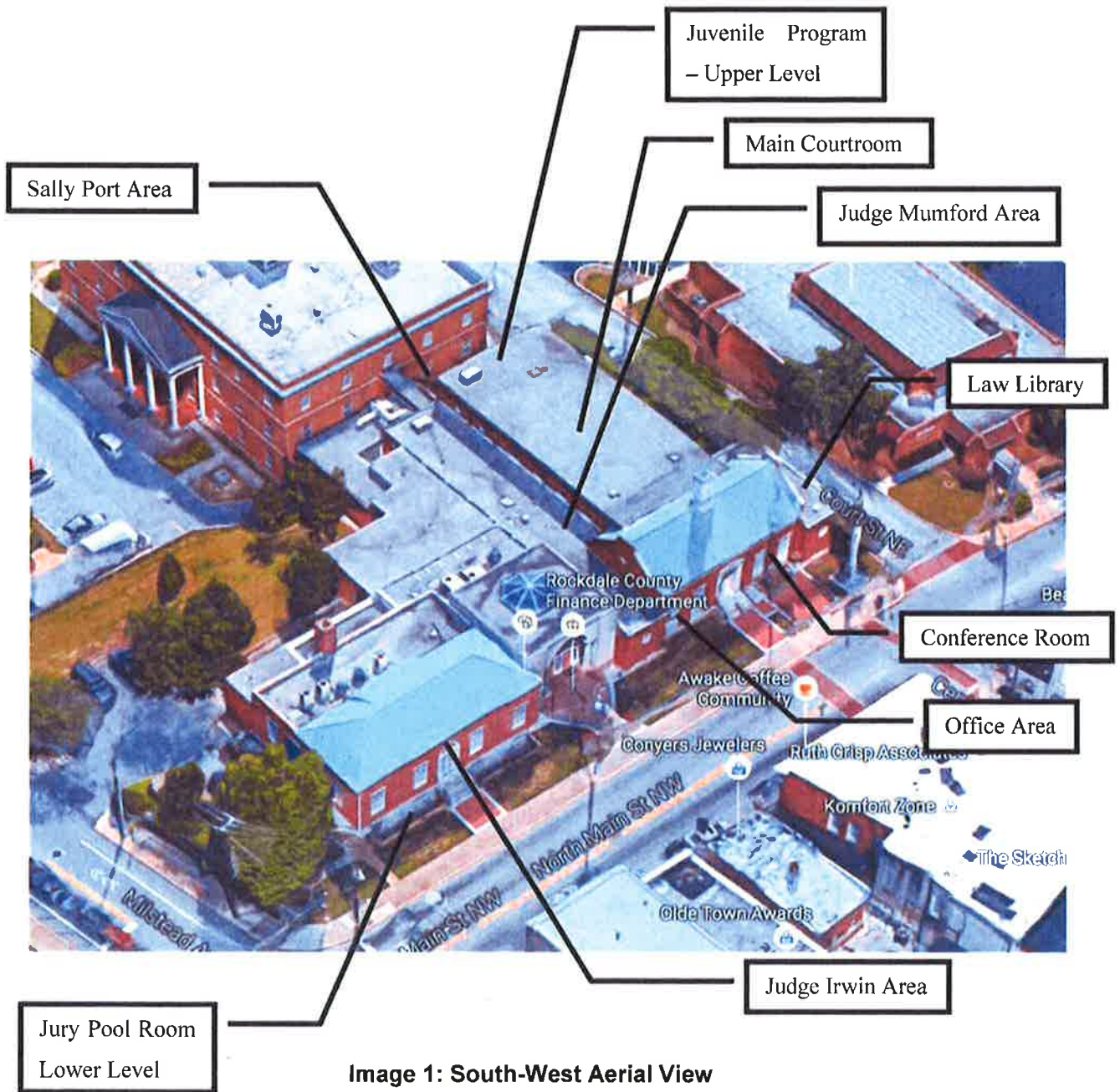
2.0 EXISTING CONDITIONS

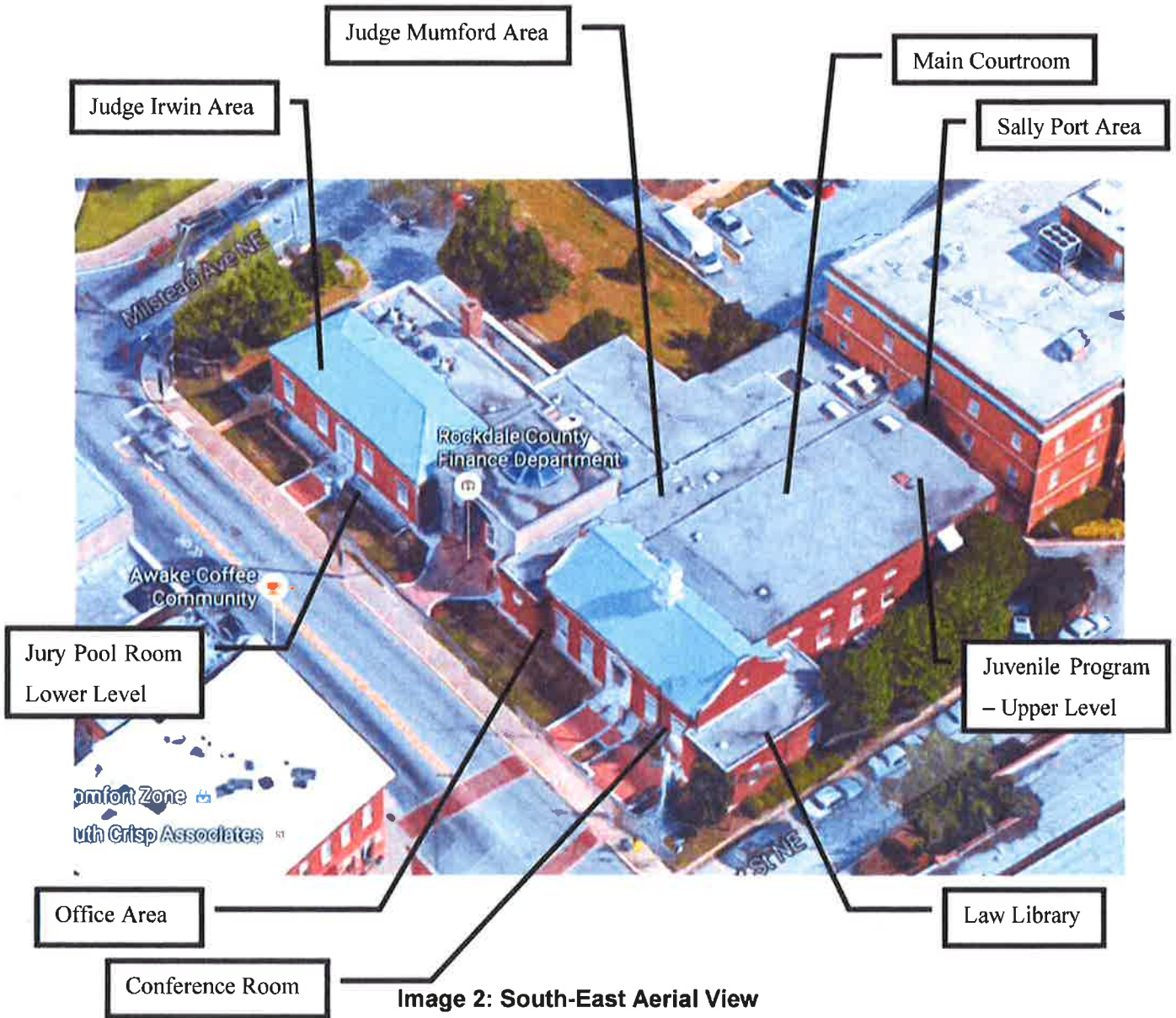
Amec Foster Wheeler performed site investigations on August 31, 2016 to review existing conditions for the existing Rockdale County Court House facility. We reviewed existing conditions only in the areas that were readily accessible and observable. The purpose of the onsite review was to further define the planned existing window replacement project scope of work relative to existing interior and exterior conditions, site accessibility criteria and occupant operational requirements.

The existing exterior windows of the Rockdale County Court House show evidence of substantial deterioration due to weathering and joint sealant failures resulting in moisture intrusion and damaged window components at select locations. Rockdale County has completed testing of existing window units and finishes including glazing and sealants and has verified that lead paint and asbestos exist at multiple locations. (Final Test Reports are available from Rockdale County Contracting Officer for further review as may be required). Appropriate hazardous material remediation measures will be required as appropriate for removal and disposal of existing window units and sealants.

The following images depict facility/site configuration and window locations included in this scope of work. This section is followed by a spreadsheet graphic denoting nominal existing window sizes with location reference designations for coordination. Contractors are required to field verify all existing window opening sizes and window configurations included in this scope of work.

Multiple existing window locations (as illustrated in existing condition photos) will require modification of new replacement window units and/or installed new window configurations to accommodate the discharge of temporary and/or permanent mechanical ductwork and equipment to the exterior. Where non true-divided lite replacement units are provided, then replacement window unit configuration shall be modified to provide direct venting capability at those exterior opening locations. Exterior opening modification may include the resizing of new replacement window unit to allow for an aesthetically complimentary window opening filler panel of sufficient size and configuration to accommodate direct venting discharge requirements. The recommended locations for use of a filler panel is at the top or bottom of the existing window opening. Contractor will need to provide adequate bracing and/or supports as required to support anchorage of both new window unit and filler panel. Filler panels (where required) to have an aesthetically pleasing finish for interior and exterior exposed surfaces and to be complimentary to overall existing building design.





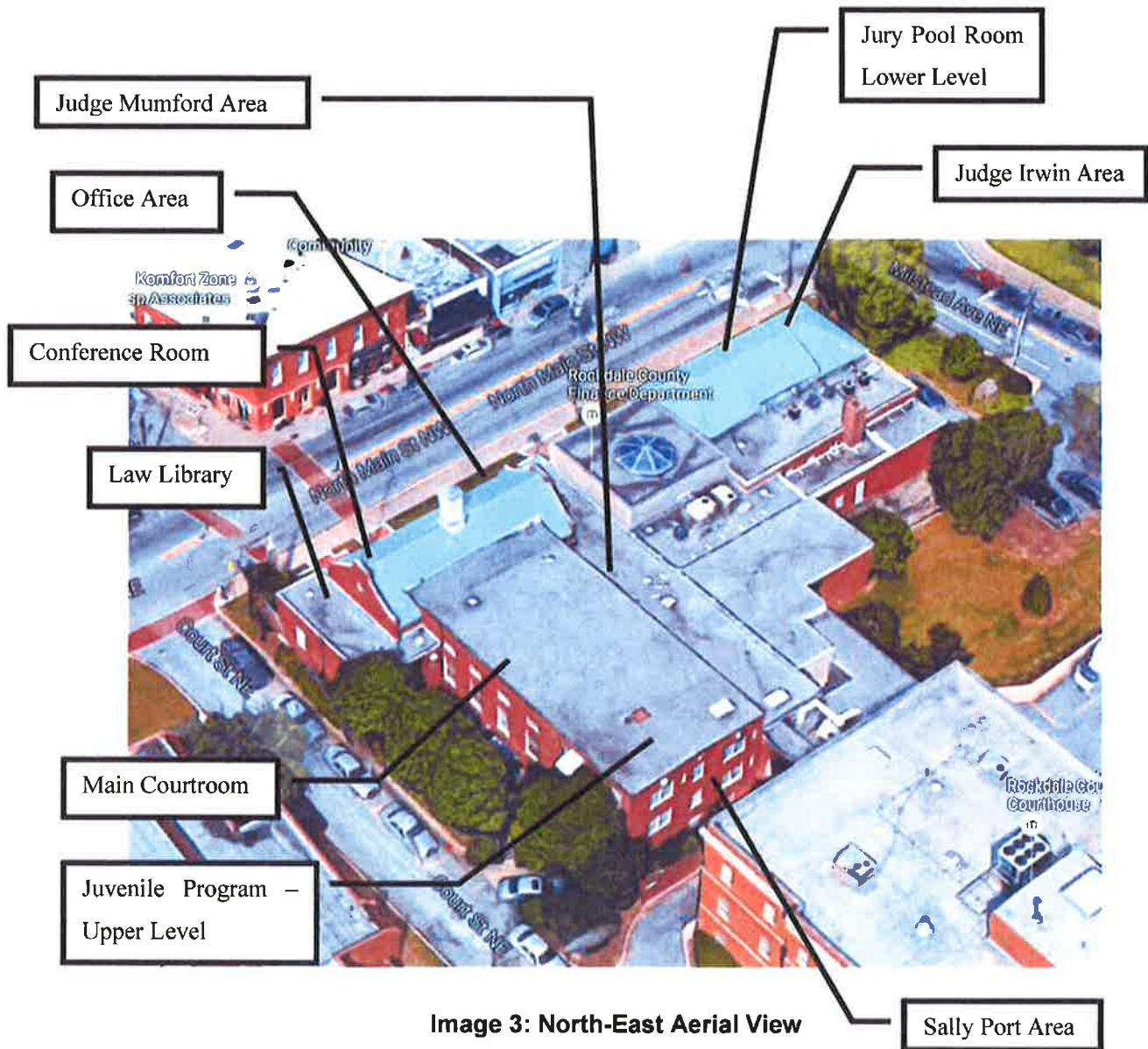


Image 3: North-East Aerial View

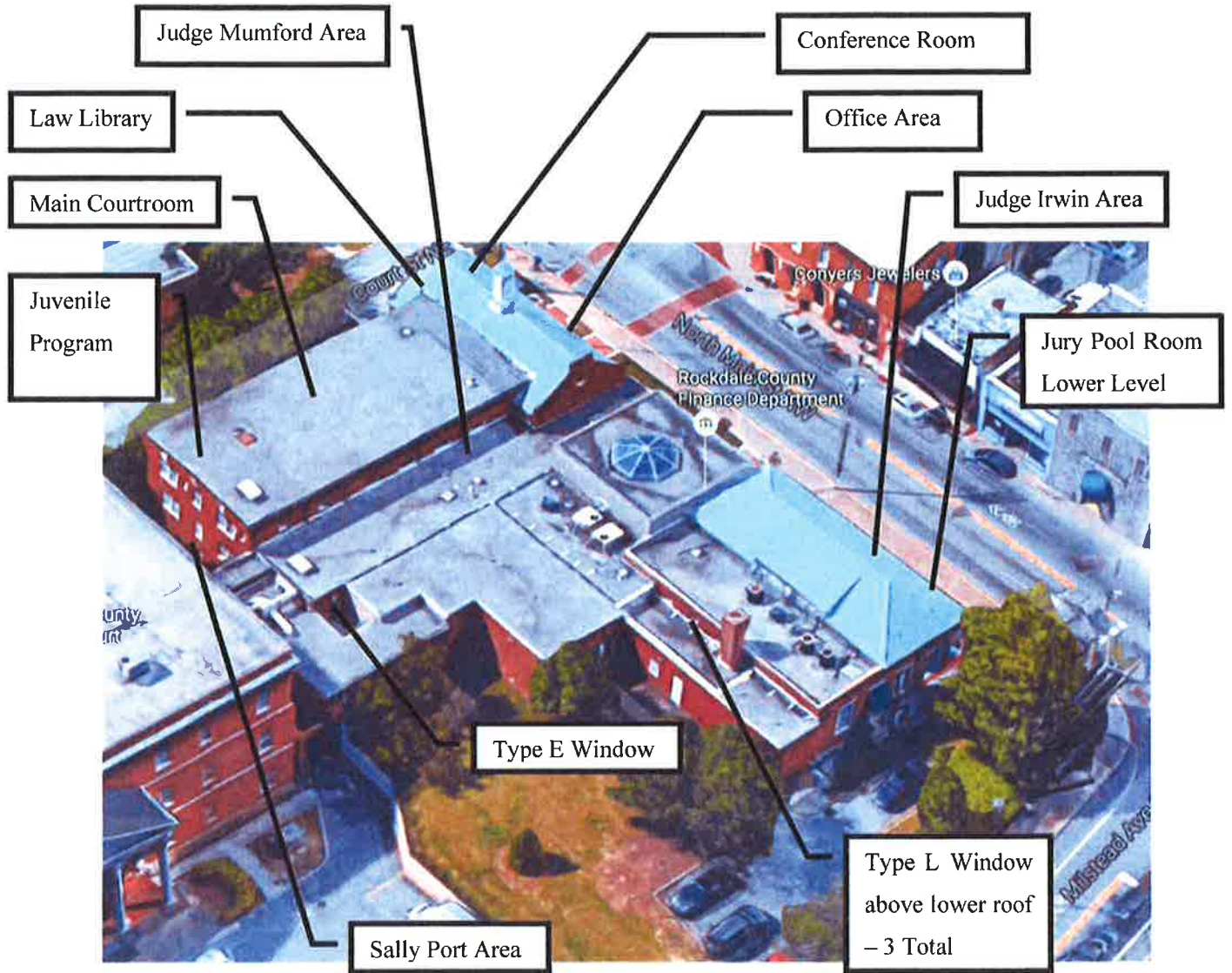


Image 4: North-West Aerial View

Rockdale County Court House Window Replacement Schedule			
Designation	Nominal Window Size	Quantity	Comments
A	46" wide x 72" tall	13	Sally Port Area
B	21" wide x 39" tall	4	Sally Port Area
C	60" wide x 96" tall	4	Judge Mumford Area
D	60" wide x 36" tall	4	Judge Mumford Area
E	39" wide x 72" tall	1	Judge Mumford Area
F	46" wide x 80" tall	3	Law Library
G	36" Diameter/Round	4	Multiple Facility Locations
H	58" wide x 96" tall	2	Conference Room Area
I	58" wide x 96" tall	2	Office Area
J	60" wide x 96" tall	6	Judge Irwin Area
K	27" wide x 60" tall	2	Judge Irwin Area
L	32" wide x 36" tall	3	Judge Irwin Area
M	52" wide x 57" tall	4	Jury Pool Room
N	41" wide x 54" tall	2	Jury Pool Room
O	37" wide x 57" tall	2	Jury Pool Area / West Side
P	72" wide Arch Top	1	Judge Irwin Area
Q	27" wide x 39" tall	2	Stairwell / Juvenile Program
Rockdale County Court House Door Replacement Schedule			
1	72" Wide x 96" Pair Tall French Doors	1	Judge Irwin Area

Image 5: Window & Door Replacement Schedule

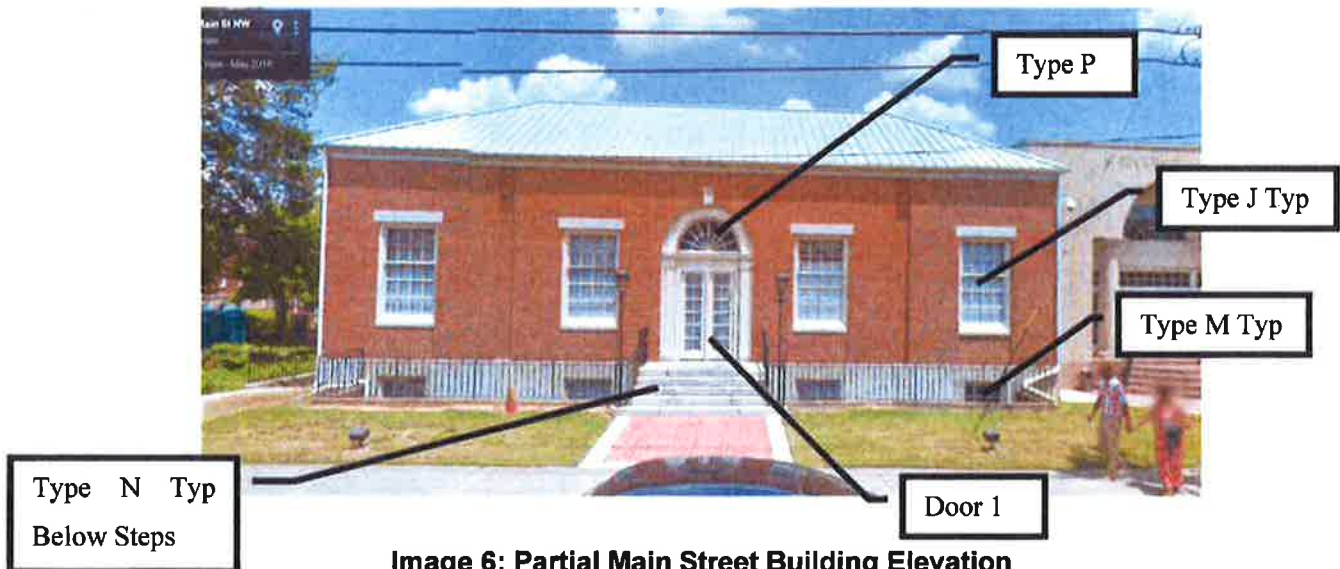


Image 6: Partial Main Street Building Elevation



Image 7: Partial Main Street Building Elevation



Image 8: Partial Main Street Building Elevation

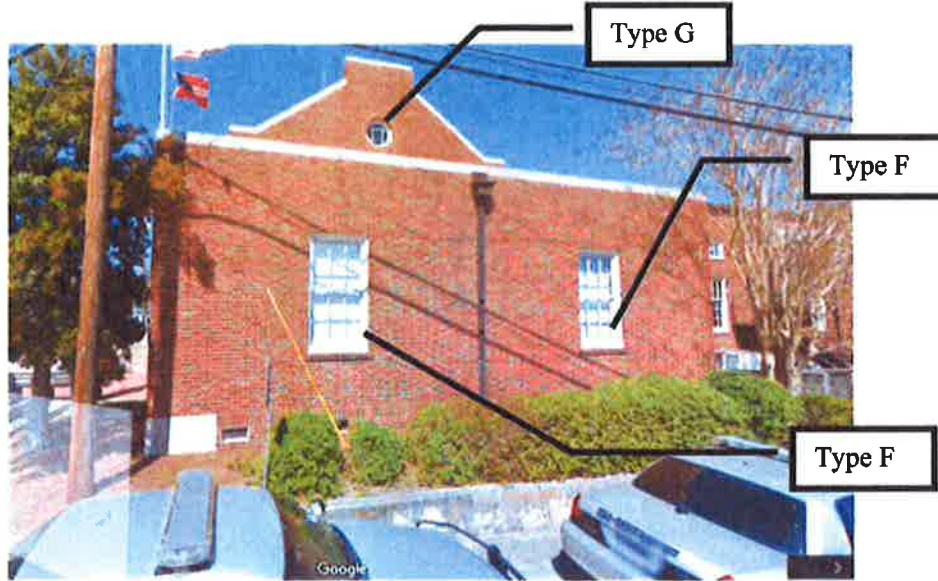


Image 9: Partial Court Street Building Elevation

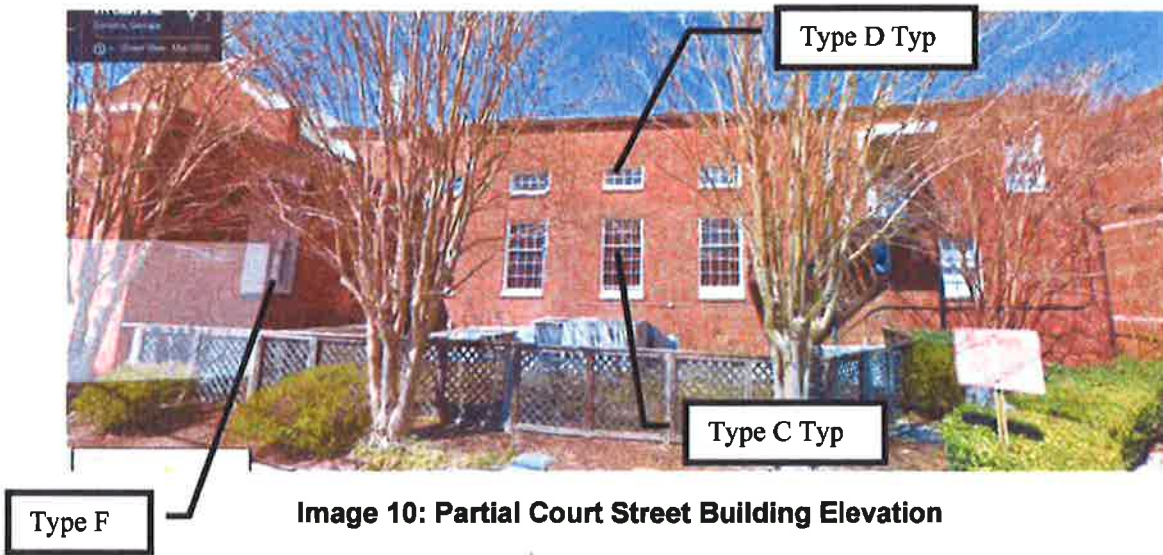


Image 10: Partial Court Street Building Elevation

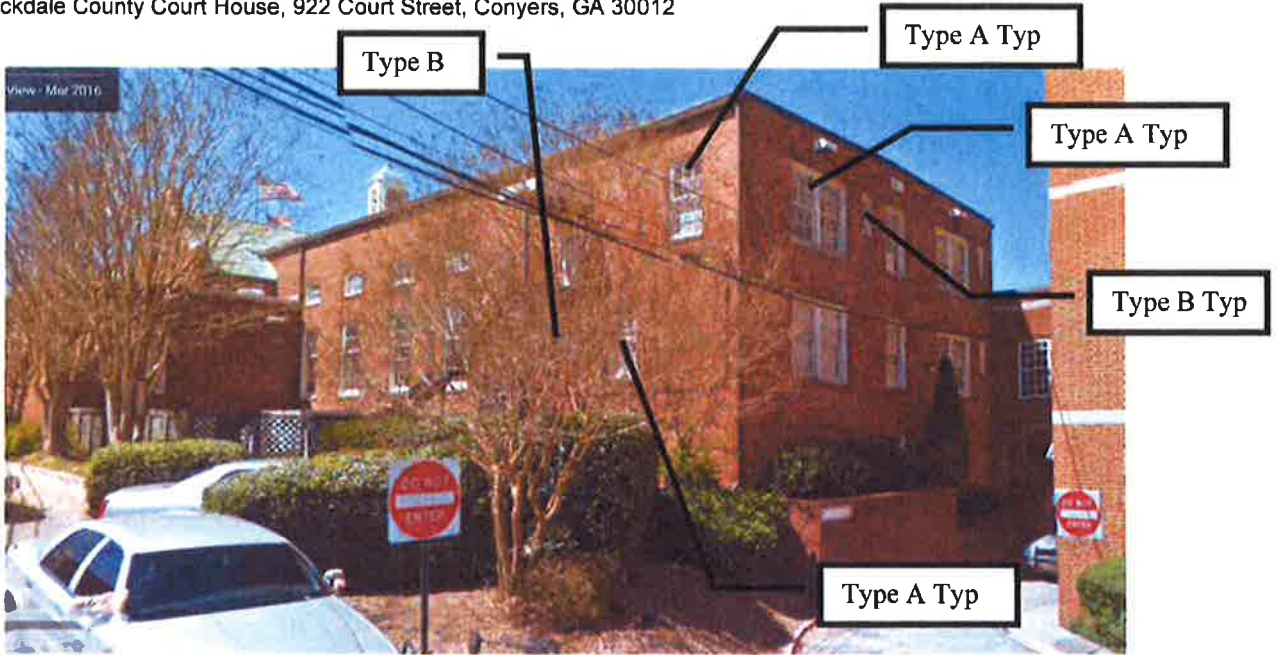


Image 11: Partial Court Street Building Elevation



Image 12: Partial Milstead Avenue Building Elevation

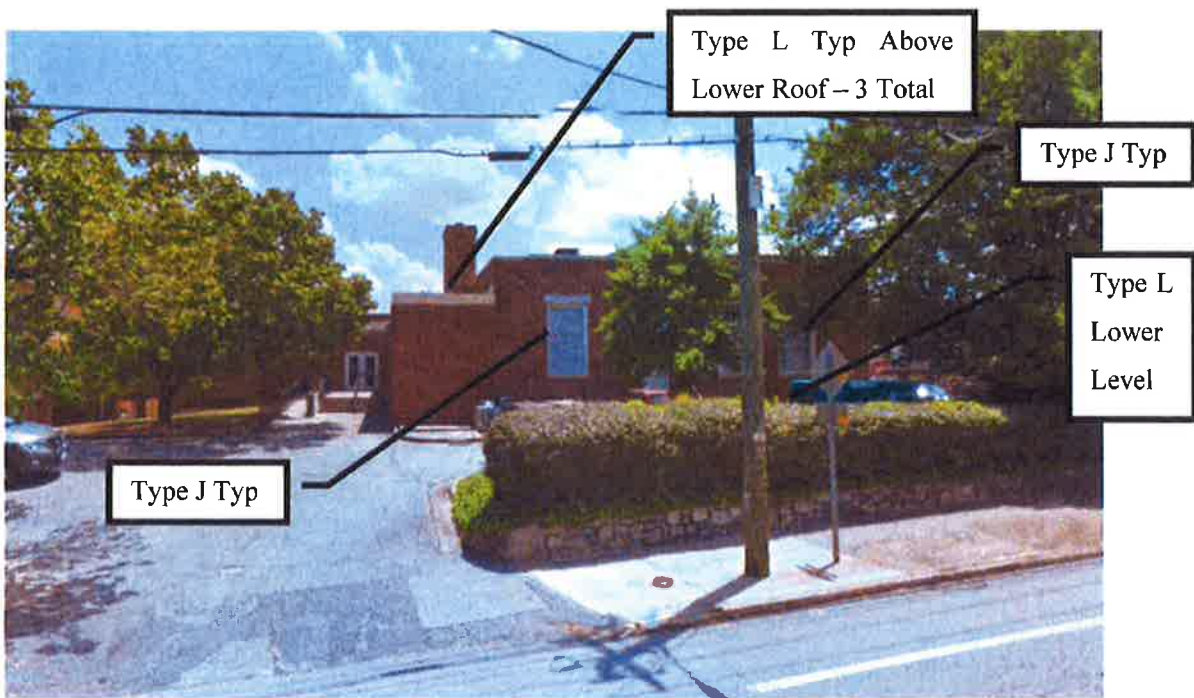


Image 13: Partial Milstead Avenue Building Elevation



Photo 14: Typical Type C, H, I & J DH Window Configuration - Exterior



Photo 15: Typical Type C, J & D Sim. Window Configuration – Interior

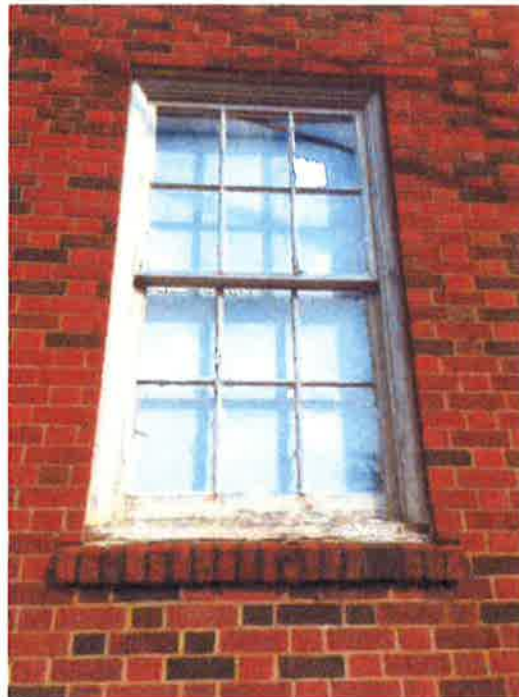


Photo 16: Typical Type A, E & F Window Configuration - Exterior



Photo 17: Typical Type F, H & I DH Window Configuration - Interior



Photo 18: Typical Type A & B DH Window Configuration - Interior



Photo 19: Typical Court Room Type C & D Window Configurations - Exterior



Photo 20: Typical Type G Round Window Configuration - Exterior



Photo 21: Typical Type A & B Window Configuration – Exterior



Photo 22: Typical Type J & K Window Configuration - Exterior



Photo 23: Typical Type K & L Window Configuration - Interior



Photo 24: Typical Type M & N Window Configuration - Exterior



Photo 25: Pedestrian Type M, N & O Window Configuration - Interior



Photo 26: Typical Type O Window Configuration - Exterior



Photo 27: Typical Type Q Window Configuration - Interior



Photo 28: Type P Window & Type 1 Door Configuration - Exterior



Photo 29: Window Type P Configuration - Interior



Photo 30: Door Type 1 Configuration - Interior

**SECTION 08 52 00
WOOD WINDOWS & DOORS**

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Wood windows of type and size shown, complete with hardware and accessories and repair of existing interior building finishes and trim.
- B. Types:
 - 1. Fixed.
 - 2. Double-Hung.
 - 3. French Doors.

1.2 DEFINITIONS

- A. Accessories: Mullions, staff beads, casings, closures, trim, moldings, panning systems, sub-sills, clips anchors, fasteners, weather-stripping, insect screens mechanical operators, and other necessary components required for fabrication and installation of window units.
- B. Uncontrolled Water: Water not drained to the exterior, or water appearing on the room side of the window.

1.3 REFERENCES

- A. American Society for Testing Materials (ASTM):
 - 1. E283: Standard Test method for Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors.
 - 2. E330: Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.
 - 3. E547: Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Cyclic Static Air Pressure Differential.
 - 4. E2190: Specification for Sealed Insulated Glass Units.
 - 5. C1036: Standard Specification for Flat Glass.
 - 6. E2068: Standard Test Method for Determination of Operating Force of Sliding Windows and Doors.
 - 7. F2090-10: Standard Specification for Window Fall Prevention Devices with Emergency (Egress) Release Mechanisms.
 - 8. E2112: Standard Practice for Installation of Exterior Windows, Doors and Skylights.

- B. American Architectural Manufacturer's Association/Window and Door Manufacturer's Association (AAMA/WDMA/CSA):
 - 1. AAMA/WDMA/CSA 101/I.S.2/A440-05, Standard/Specification for windows, doors and unit skylights.
 - 2. AAMA/WDMA/CSA 101/I.S.2/A440-08, Standard/Specification for windows, doors and skylights.
 - 3. AAMA/WDMA/CSA 101/I.S.2/A440-11, Standard/Specification for windows, doors and skylights.
- C. WDMA I.S.4: Industry Standard for Water Repellant Preservative Treatment for Millwork.
- D. Window and Door Manufacturer's Association (WDMA): 101.I.S.2 WDMA Hallmark Certification Program.
- E. Sealed Insulating Glass Manufacturer's Association/ Insulating Glass Certification Council (SIGMA/IGCC).
- F. American Architectural Manufacturer's Association (AAMA): 2605: Voluntary Specification for High Performance Organic Coatings on Architectural Extrusions and Panels.
- G. National Fenestration rating Council (NFRC):
 - 1. 101: Procedure for Determining Fenestration Product thermal Properties.
 - 2. 200: Procedure for Determining Solar Heat Gain Coefficients at Normal Incidence.
- H. Window Covering Manufacturer's Association:
 - 1. A100.1: Standard for safety of corded covering products.
- I. U.S. Department of Energy (DoE): www.energystar.gov

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver windows and doors in original manufacturer packaging clearly labeled with identification information.
- B. Protect windows from damage during handling and construction operations before, during and after installation.
- C. Store windows and doors under cover, setting window units upright. Store doors panels flat on a level surface above ground.
- D. Do not stack windows or doors flat.
- E. Do not lay building materials or equipment on windows or doors.
- F. Condition door units to local average humidity before hanging.

1.5 QUALITY ASSURANCE

- A. Approval by contracting officer is required of products or service of proposed manufacturers and installers prior to placement of material orders and installation.
- B. Approval will be based on submission of certification by Contractor that:
 - 1. Manufacturer regularly and presently manufactures the specified windows as one of its principal products.
 - 2. Installer has technical qualifications, experience, trained personnel and facilities to install specified items.
- C. Provide each type of window and door produced from one source of manufacture.
- D. Quality Certified Labels or Certificate:
 - 1. Architectural Aluminum Manufacturers Association, "AAMA label" affixed to each window indicating that identical windows have been tested and meet the requirements specified herein for conformance to AAMA/WDMA/CSA 101/I.S.2/A440 including test size, and minimum condensation resistance factor (CRF), and resistance to forced entry.
 - 2. Certificates instead of label with copy of recent test report (not more than 4 years old) from an independent testing laboratory and certificate signed by window manufacturer stating that windows provided comply with specified requirements and AAMA 101/I.S.2 for type of window specified.
- E. Energy Efficiency:
 - 1. Thermal Transmittance: Provide windows and curtain walls with a U-factor maximum in accordance with NFRC 100.
 - 2. U-Value: 0.35 Btu/sq. ft. x h x degree F (W/sq. m x K).
 - 3. Solar Heat-Gain Coefficient: Provide windows with a whole-window SHGC maximum of 0.32 determined according to NFRC 200 procedures.
 - 4. Visible Light Transmittance: 0.51 percent.
 - 5. Color of Tint: Clear.
- F. Energy Efficiency: Provide ENERGY STAR labeled products as appropriate to climate zone.
- G. Pre-Installation Conference: Convene a meeting on site, after submittals are received and approved but before any work, to review drawings and specifications, submittals, schedule, manufacturer instructions, site logistics and pertinent matters of coordination, temporary protection, governing regulations, tests and inspections; participants to

include Contracting Officer and all parties whose work is effected or related to the work of this section.

1.6 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Shop Drawings:
 - 1. Provide shop drawings for each window and door configuration that indicate elevations of windows and doors, full-size sections, thickness and gages of metal, fastenings, proposed method of anchoring, size and spacing of anchors, details of construction, method of glazing, details of operating hardware, mullion details, method and materials for weather-stripping, material and method of attaching sub-frames, stools, casings, sills, trim, installation details, and other related items.
 - 2. Include glazing details and standards for factory glazed units.
- C. Manufacturer's Literature and Data:
 - 1. Window and accessories.
 - 2. Sash locks, keepers, and key.
 - 3. Doors and accessories.
 - 4. Door hardware, hinges and weather-stripping.
- D. Certificates:
 - 1. Provide certificates as specified in paragraph QUALITY ASSURANCE.
 - 2. Indicate manufacturers and installers qualifications.
 - 3. Include Manufacturer's Certification that windows delivered to project are identical to windows tested.
- E. Test Reports:
 - 1. Copies of test reports as specified in paragraph QUALITY ASSURANCE.
- F. Samples: Provide 150 mm (six-inch) length samples showing finishes, specified.
- G. Submit documentation for Energy Star qualifications for products provided under work of this Section.

1.8 WARRANTY

- A. Warrant windows against malfunctions due to defects in thermal breaks, hardware, materials and workmanship, subject to the terms of Article "WARRANTY OF CONSTRUCTION", FAR clause 52.246-21, except provide 10 year warranty period. Warranty period of 20 years against seal failure for insulating glazing assemblies.
- B. Provide complete and current manufacturer warranty information.

PART 2- PRODUCTS

2.1 MANUFACTURED UNITS

- A. Basis of Design – Double Hung Window Units: Aluminum Clad Ultimate Magnum Double Hung Magnum as manufactured by Marvin Windows and Doors, Warroad, Minnesota.
- B. Basis of Design – Fixed Round Top Window Units: Aluminum Clad Ultimate Magnum Round Top as manufactured by Marvin Windows and Doors, Warroad, Minnesota.
- C. Basis of Design – Fixed Window Units: Aluminum Clad Ultimate Magnum Pivot as manufactured by Marvin Windows and Doors, Warroad, Minnesota.

2.2 MANUFACTURED DOOR UNITS

- A. Basis of Design – Factory-assembled Wood 2 ¼" Panel Inswing/Outswing French Door and related stationary units as manufactured by Marvin Windows and Doors, Ripley, Tennessee.

2.3 FRAME DESCRIPTION

- A. Interior – Lineal/Radius Components: Non-Finger-Jointed Pine or finger-jointed core with non-finger-jointed Veneer in species to closely complement existing interior wood trim where applicable.
 - 1. Kiln-dried to moisture content no greater than 12 percent at the time of fabrication.
 - 2. Water repellent, preservative treated in accordance with ANSI/WDMA I.S.4.
- B. Frame Exterior: Aluminum clad with 0.050" (1.3 mm) thick extruded aluminum in white finish.
- C. Frame Thickness: 1-11/32" (34 mm) head jamb, 1-11/32" (34 mm) composite side jamb. 1-25/32" (45 mm) head and jambs for radius units. 1-1/16" (27 mm) for French door units.
- D. Frame Depth: Frame depth overall 5-21/32" jamb (144 mm). 4-9/16" (116 mm) jamb depth from the nailing fin plane to the interior face of the frame for new construction. 4-9/16" (116 mm) or 6-9/16" (167 mm) for French door units to best accommodate existing installation requirements.
- E. Frame Bevel: 8 degrees.
- F. Sill: 1-7/16" (37 mm). Sill assembly including the sill liner 2-7/32" (56 mm) for radius units.
- G. Inswing/Outswing French Door Sill: A single pultrusion of Fiber Reinforced Plastic (FRP).
 - 1. Inswing: An integral weep system as part of water management system that directs any incidental moisture to the exterior.

2. Sill depth is 5-5/8" (143 mm) for 4-9/16" (116 mm) wall application and 7-5/8" (194 mm) for 6-9/16" (167 mm) jambs for inswing door units. Sill depth is 5-21/32" (144 mm) for 4-9/16" and 6-9/16" (116 mm) wall application for outswing door units.
3. Finish: Bronze.
4. Interior sill liner to be Oak.

H. Panel Description for French Door Units:

1. Rectangular Top Panels: Laminated veneer lumber (LVL) cores with non-finger-jointed wood species to best complement existing interior wood trim grain.
2. Kiln dried to moisture content no greater than twelve (12) percent at time of fabrication.
3. Water repellent, preservative treated in accordance with WDMA I.S.4.
4. Panel Thickness: 2-1/4" (57 mm).
5. Top Rail and Stile Width: 6" (152 mm).
6. Bottom Rail Height: 8-1/8" (206 mm).
7. All rails and stiles utilize LVL material. Intermediate rail is solid face laminate.
8. Panel corners glued and fastened with 5/8 inch x 4 inch (16 mm by 102 mm) fluted hardwood dowels. Removable interior vinyl glazing stops with non-jointed wood covers. No visible fasteners.

2.4 SASH DESCRIPTION

- A. Interior – Lineal/Radius Components: Non-Finger-Jointed Pine or finger-jointed core with non-finger-jointed Veneer in species to closely complement existing interior wood trim where applicable.
 1. Kiln-dried to moisture content no greater than 12 percent at the time of fabrication.
 2. Water repellent, preservative treated in accordance with ANSI/WDMA I.S.4.
- B. Sash Exterior: Aluminum clad with 0.050" (1.3 mm) thick extruded aluminum.
- C. Sash Thickness: 1-9/16" (40 mm) for operating and transom units, 2" (51 mm) for picture units. 1-3/4" (44 mm) for radius units.
- D. Operable Sash: Tilt to interior for cleaning or removal.
- E. Interior Sash Sticking: Provide manufacturer type to most closely simulate existing window unit appearance.

2.5 GLAZING

- A. Window Units: Select quality complying with ASTM C1036, Insulating glass SIGMA/IGCC certified to performance level CBA when tested in accordance with ASTM E2190.
- B. French Door Units: Select quality complying with ASTM C1036. Shall comply with 16 CFR 1201 Safety Standard for Architectural Glazing Materials.
- C. Glazing Method: Insulating Glass for window units. Tempered insulating glass for French door units.
- C. Glazing Seal: Silicone bedding on interior, acrylic foam adhesive tape on exterior. Silicone bedding on interior and exterior for radius units. Wood interior glazing stops fastened with 1-3/8" nail, sealed with silicone beads at perimeter for French door units.
- D. Glass Type: Clear, Low E3 with Argon.

2.6 FINISH

- A. Exterior – Window Units: Aluminum clad. Fluoropolymer modified acrylic topcoat applied over primer. Meets AAMA 2605 requirements.
 - 1. Aluminum Clad Color: White
- B. Interior Finish – Window Units:
 - 1. Raw wood finish in specified species to accept field applied stain or primer and paint finish to match adjacent existing finishes.
- C. Interior/Exterior – French Door Units: Treated bare wood to accept field applied finish to match existing adjacent finishes typical.

2.7 HARDWARE

- A. Balance System – Window Units: Spiral Balance System class five and fiber filled nylon clutch. Meets AAMA 902 requirements, designed to balance sash from 10 lbs. to 130 lbs.
- B. Jamb Carrier – Window Units: Vinyl extrusion with wood and aluminum insert.
 - 1. Color: White.
- C. Lock – Window Units: (Double Hung Window Units) High Pressure zinc die-cast cam lock and keeper. (Radius Window Units) Multi-point locking system that provides locking, unlocking, venting, balancing, and tilting of the sash members.
 - 1. Finish: Phosphate coated and electrostatically painted finish to complement adjacent stain or paint finishes.
- D. Hinges – French Door Units: Adjustable hinges, 4-1/4" x 3-3/4" with 3/8" radius corners. Match existing French door hinge color/finish. 3 hinges for panels less than or

equal to 86-1/2" (2197 mm); 4 hinges per panels for 86-1/2" to less than or equal to 96" (2438 mm); 5 hinges for panels greater than 96".

E. Traditional Handle Set – French Door Units: Active, Inactive.

1. Powder Coat or Metal finish to best match existing French door handle set finish.

F. Locking System – French Door Units: Active and inactive panel. Manufacturer concealed multi-point locking system. Stainless steel head and shoot bolts operated from lever set. One inch dead bolt.

2.8 WEATHER STRIP – WINDOW UNITS

A. Continuous, foam bulb type dual durometer weather strip at head jamb parting stop, dual durometer bulb at check rail, foam bulb type dual durometer weather strip on vertical sash edge; dual durometer bulb weather strip at bottom rail.

1. Color: Beige.

2.9 WEATHER STRIP – FRENCH DOOR UNITS

A. Head jamb and side jambs to have two sets of bulb weather strip maintaining contact with door panels.

B. Inswing and Outswing: Threshold to have bulb weather strip maintaining contact with bottom of panel.

1. Color: Beige.

C. Inswing: Vinyl panel drip applied to bottom rail.

1. Color: Beige.

D. Inswing: Painted aluminum watershed and weep system at sill.

1. Color: Beige.

E. Panel: Active panel sweep, inactive panel sweep, panel weather strip, panel cover weather strip, astragal weather strip, bulb weather strip

1. Color: Beige.

F. Outswing: Surface mounted aluminum panel drip mounted at bottom of panel (shipped loose for field application).

1. Panel drip to default to sill color.

2. Beige for clear anodized, gold anodized or beige sills. Bronze for bronze sill.

2.10 JAMB EXTENSION

A. Jamb extension where required for variation in wall thickness factory applied up to a 12" (305 mm) wide or shipped loose for field application.

1. Finish: Match interior frame finish.

2.11 REMOVABLE INTERIOR GRILLES

- A. 3/4" by 15/32" (19 mm by 12 mm) wide, 1-1/8" by 15/32" (29 mm by 12mm) – Pine only.
 - 1. Pattern: Custom lite layout to match existing window units.
 - 2. Finish: Match interior sash finish.

2.12 SIMULATED DIVIDED LITES (SDL)

- A. In width to match existing exterior window units, with internal spacer bar.
- B. Exterior Muntins: 0.055" (1.4 mm) thick extruded aluminum.
- C. Interior Muntins: In wood species to match existing window unit wood grain to allow for complimentary field finish.
- D. Muntins adhere to glass with closed-cell copolymer acrylic foam tape.
- E. Sticking: Provide optional interior square sticking.
- F. Patterns: Custom lite layout to match existing window units.
- G. Finish: Exterior to match exterior aluminum clad color. Interior matches interior wood species and color/finish.

2.13 ACCESSORIES AND TRIM

- A. Installation Accessories: Provide the following accessories where applicable to simulate existing window unit installations.
 - 1. Factory installed vinyl nailing/drip cap.
 - 2. Installation Brackets: Standard size and configuration as may be required.
 - 3. Masonry Brackets: Standard size and configuration as may be required.
 - 4. Fasteners: AAMA 101/I.S.2.; provide non-magnetic stainless steel screws, bolts, nuts, rivets and other fastening devices as required per individual installation requirements.
- B. Aluminum Extrusions: Provide the following accessories where applicable to simulate existing window unit installations.
 - 1. Casing Profile: Brick Mould Casing, Flat Casing, Columbus Casing, Grayson Casing, Kinsley Casing, Ridgeland Casing, Stratton Casing, Thorton Casing, Potter Casing.
 - 2. Aluminum Clad Extrusions: Frame Expander, Jamb Extender, Mullion Cover, Mullion Expander, Subsill, Subsill End Cap and Lineal Cap.
 - 3. Finish: Fluoropolymer modified acrylic topcoat applied over primer. Meets AAMA 2605 requirements, to match new window unit exterior clad finish.
- C. Exterior Wood Moulding (where required):

1. Profile: Select from manufacturer available options to most closely replicate existing wood moulding profiles.
2. Finish: Match exterior frame finish.

PART 3 - EXECUTION

3.1 PROTECTION (DISSIMILAR MATERIALS)

- A. AAMA 101/I.S.2.

3.2 INSTALLATION, GENERAL

- A. Verification of Conditions:
 1. Before installation, verify openings are plumb, square and of proper dimensions as required. Report frame defects or unsuitable conditions to Contractor before proceeding.
 2. Acceptance of Condition: Beginning of installation confirms acceptance of existing conditions.
- B. Install window units in accordance with manufacturer's specifications and recommendations for installation of window units, hardware, operators and other components of work.
- C. Assemble and install window/door unit(s) according to manufacturer's instructions and reviewed and approved shop drawings.
- D. Set windows plumb, level, true, and in alignment; without warp or rack of frames or sash.
- E. Anchor windows on four sides with anchor clips or fin trim.
 1. Do not allow anchor clips to bridge thermal breaks.
 2. Use separate clips for each side of thermal breaks.
 3. Make connections to allow for thermal and other movements.
 4. Do not allow building load to bear on windows.
 5. Use manufacturer's standard clips at corners and not over 600 mm (24 inches) on center.
 6. Where fin trim anchorage is shown build into adjacent construction, anchoring at corners and not over 600 mm (24 inches) on center.
- F. Sills and Stools:
 1. Set in bed of mortar or other compound to fully support, true to line shown.
 2. Do not extend sill to inside window surface or past thermal break.
 3. Leave space for sealants at ends and to window frame unless shown otherwise.

- G. Install sealant and related backing materials at perimeter of unit or assembly in accordance with sealant manufacturer's written instructions. Do not use expansive foam sealant.
- H. Use finish nails to apply interior wood trim and mouldings as required.

3.3 MULLIONS CLOSURES, TRIM, AND PANNING

- A. Cut mullion full height of opening and anchor directly to window frame on each side.
- B. Closures, Trim, and Panning: Provide external corners mitered and internal corners coped, fitted with hairline, tightly-closed joints.
- C. Secure to concrete or solid masonry with expansion bolts, expansion rivets, split shank drive bolts, or powder actuated drive pins.
- D. Toggle bolt to hollow masonry units; screw to wood or metal.
- E. Fasten except for strap anchors, near ends and corners and at intervals not more than 300 mm (12 inches) between.
- F. Seal units following installation to provide weathertight system.

3.4 ADJUST AND CLEAN

- A. Clean surfaces promptly after installation of windows, exercising care to avoid damage to protective coatings and finishes.
- B. Remove visible labels and adhesive residue according to manufacturer's instructions.
- C. Remove excess glazing and sealant compounds, dirt, and other substances.
- D. Lubricate hardware and moving parts.
- E. Clean glass promptly after installation of windows. Remove glazing and sealant compound, dirt and other substances.
- F. Except when a window is being adjusted or tested, keep locked in the closed position during the progress of work on the project.
- G. Protect windows from damage by chemicals, solvents, paint or other construction operations that may cause damage.

--- E N D ---

THIS PAGE LEFT BLANK INTENTIONALLY



July 15, 2016

Giles Consulting
Jeff Giles
Senior Industrial Hygienist

Re: Report of Limited Lead-Based Paint Testing
Rockdale Courthouse
922 Main Street
Conyers, Georgia

Dear Mr. Giles;

Southeast Lead Consultants, Inc (SLC) has completed Limited Lead-Based Paint Testing at the Rockdale Courthouse (hereinafter referred to as the Project Site) located at 922 Main Street in Conyers, Georgia. Our lead testing program of the Project Site was performed in substantial accordance with the Georgia Environmental Protection Division (EPD) Lead-Based Paint Program.

We appreciate the opportunity to work for you on this project. Please contact our offices if you have any questions or need further assistance.

Sincerely,

Southeast Lead Consultants, Inc.

A handwritten signature in black ink, appearing to read "Jeremy Weir", written in a cursive style.

Mr. Jeremy Weir
Senior Environmental Specialist/
President

Project Description

SLC was authorized by Mr. Giles, to perform limited lead-based paint testing of window components on the exterior and interior of the Project Site. Our visual evaluation and lead testing program were performed in substantial accordance with the applicable protocols for Lead-Based Paint Inspection. Testing was completed on July 11, 2016

Scope of Work

SLC's scope of work included, identification and testing of representative painted surfaces on the exterior and interior window sashes, window casings and window sills to determine the possible presence of lead-based paint films. The inspection was limited to accessible components identified by Mr. Andrew Morton, the Capital Projects Manager for Rockdale County. Representative, accessible painted or coated building components that exhibited possible lead-based paint were tested utilizing XRF analysis. Our Scope of Work is more fully described below:

- SLC coordinated a visit to the Project Site with Mr. Giles. An SLC lead inspector, certified and licensed by the Georgia Environmental Protection Division's (EPD) Asbestos and Lead-Based Paint program performed the sampling and report preparation activities.
- SLC lead inspector visually evaluated representative exterior column and window surfaces and an interior wall components for suspect lead-based paint films. Testing of suspect surfaces and components was performed using an Innov-X Alpha I-3000 X-Ray fluorescence (XRF) lead paint analyzer, serial # 11798.
- At the completion of the field activities and testing, SLC reviewed the XRF results and identified the surfaces or components where detectable concentrations of lead were identified, if any, and prepared this report to introduce the findings.

Inspection and XRF Testing Program

Inspector

Mr. Jeremy Weir performed the sampling and testing program and operated the XRF. Mr. Weir holds EPA and state of Georgia EPD licensure as a Lead Inspector and Lead Risk Assessor, License number 50 CMB 0216 4982 and expires 1/13/2017. SELC is certified by the state of Georgia as a lead firm, license number 1203132504. In addition, Mr. Weir has been trained in the use, calibration and maintenance of X-Ray Fluorescence (XRF) equipment along with necessary training on the principles of radiation safety.

XRF Testing

If the inspection is longer than four hours, a set of three calibration readings must be taken before the four hours expires, and then an additional three calibration readings taken at the end of the inspection. If for any reason the instruments are not maintaining a consistent calibration reading within the manufacturer's standards for performance on the calibration block supplied by the manufacturer, manufacturer's recommendations are used to bring the instrument into calibration. If the instrument cannot be brought back into calibration, it is taken off the site and sent back to the manufacturer for repair and/or re-calibration.

Calibration of the Innov-X lead paint analyzer was performed in accordance with the Performance Characteristic Sheet (PCS) assigned to the instrument. XRF instruments are calibrated using a calibration standard block of a known lead content. Three calibration readings are obtained before and after each testing session to insure that the instruments is functioning in accordance with the manufacturer's standards. When an inspection requires greater than four hours for completion, an additional set of three calibration readings are taken before the end of the four-hour period. An additional three calibration readings are collected at the end of the actual inspection.

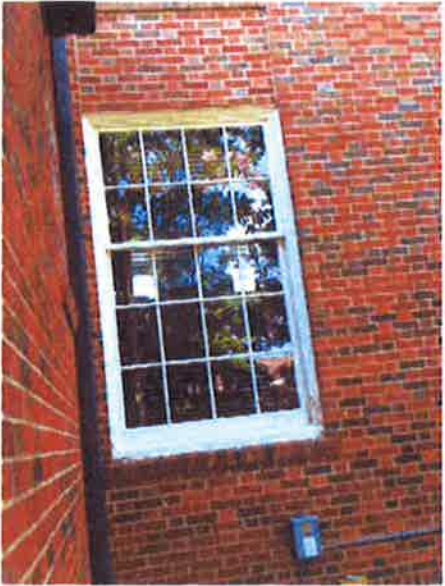
Should the instrument not maintain a consistent calibration reading within the manufacturer's specifications when calibrated using the calibration block, the manufacturer's recommendations are used to bring the instrument into calibration. In the event that the instrument cannot be brought back into calibration, the XRF is taken off-site and sent back to the manufacturer for repair and/or re-calibration.

XRF Results/Data Evaluation

SLC performed a total of forty-two (42) XRF assays of representative painted surfaces and performed six (6) instrument calibrations. Fifteen (15) of the XRF assays of the identified a lead concentration above the HUD regulatory limit of 1.0 mg/cm² lead by XRF, or within the Positive parameters of 0.6 mg/cm² - 1.1 mg/cm² as defined by the Performance Characteristics Sheet (PCS) for the Innov-X instrument. Results of XRF assays and specific information related to each XRF assay are attached. Identified positive components;

- Interior and exterior window sashes, window casings and window sills

Photographic Documentation



Limitations

Southeast Lead Consultants, Inc. has made a reasonable effort to perform confirmatory sampling and testing for lead-based paint in substantial conformance with the applicable HUD, EPA and Georgia EPD guidance documents and regulations for the performance of lead paint inspections and in accordance with the requested Scope of Work. Southeast Lead Consultants, Inc. report has been prepared on behalf Giles Consulting.

Southeast Lead Consultants, Inc.'s scope of services performed in the execution of the lead paint sampling and testing program described herein was not intended to be, and should not be inferred to be, a HUD-compliant lead-based paint inspection of the entire Project Site and may not be appropriate to satisfy the needs of other users.

In-accessible lead paint film(s) may exist in areas where further arrangements with the building owner for access, or partial or full demolition is warranted. In the event that previously in-accessible suspect lead paint film(s) are encountered during subsequent demolition, renovation or painting activities, additional sampling should be performed. Results of any subsequent evaluations that further identify previously in-accessible lead paint should be included in a revised report.

Southeast Lead Consultants, Inc. Report herein shall not be reproduced, except in full, or used by others as a template for lead paint inspection reports, without written consent from Southeast Lead Consultants, Inc.. Reliance upon this report by persons other than those named herein will require an update to the report. Lead concentrations will vary between sample locations, between substrates, and between lead paint analyzers. No warranty is expressed or implied.

Southeast Lead Consultants, Inc.

XRF

Date	Reading	Room	Side	Description	Component	Substrate	Color	Condition	Pb	Pb +/-	Pass Fail Standard
11-Jul-16		1 Calibrate							0.98	0.06	Positive
11-Jul-16		2 Calibrate							1.01	0.05	Positive
11-Jul-16		3 Calibrate							1	0.05	Positive
11-Jul-16		4 juvenile office	A		Window	Wood	White	Poor	0.52	0.16	Negative
11-Jul-16		5 juvenile office	A	retest	Window	Wood	White	Poor	0.44	0.13	Negative
11-Jul-16		6 juvenile office	A		Window Stool	Wood	Grey	Poor	2.28	0.63	Positive
11-Jul-16		7 juvenile office	A		Window Casing	Wood	Grey	Poor	1.77	0.39	Positive
11-Jul-16		8 juvenile office	A		Window	Wood	Grey	Poor	1.05	0.11	Positive
11-Jul-16		9 juvenile office	A		Window	Wood	Grey	Poor	0.85	0.09	Positive
11-Jul-16		10 juvenile office	A		Window Stool	Wood	Grey	Poor	0.21	0.14	Negative
11-Jul-16		11 juvenile office	A		Window Casing	Wood	Grey	Poor	1.98	0.48	Positive
11-Jul-16		12 juvenile office - sharon sullivan	D		Window	Wood	Grey	Poor	1.63	0.3	Positive
11-Jul-16		13 juvenile office - sharon sullivan	A		Window Stool	Wood	White	Poor	2.6	0.8	Positive
11-Jul-16		14 juvenile office - sharon sullivan	A		Window Casing	Wood	White	Poor	3.19	0.92	Positive
11-Jul-16		15 210c	A		Window	Wood	White	Poor	0.99	0.09	Positive
11-Jul-16		16 210c	A		Window Stool	Wood	White	Poor	0.15	0.15	Negative
11-Jul-16		17 210c	A		Window Stool	Wood	White	Poor	0.06	0.06	Negative
11-Jul-16		18 210c	A	retest	Window Stool	Wood	White	Poor	0.23	0.1	Negative
11-Jul-16		19 210c	A		Window Casing	Wood	White	Poor	0.04	0.02	Negative
11-Jul-16		20 210c	A		Window Casing	Wood	White	Poor	0.15	0.05	Negative
11-Jul-16		21 210c	A		Window Casing	Wood	White	Poor	0.23	0.1	Negative
11-Jul-16		22 law library	A		Window	Wood	White	Poor	0.67	0.16	Positive
11-Jul-16		23 law library	A		Window Stool	Wood	White	Poor	0	0	Negative
11-Jul-16		24 law library	A		Window Casing	Wood	White	Poor	0.18	0.21	Negative
11-Jul-16		25 law library	C		Window Stool	Wood	White	Poor	0.01	0.02	Negative
11-Jul-16		26 law library	C		Window Stool	Wood	White	Poor	0	0	Negative
11-Jul-16		27 law library	C		Window Casing	Wood	White	Poor	0.05	0.03	Negative
11-Jul-16		28 law library	C		Window Stool	Wood	White	Poor	0	0	Negative
11-Jul-16		29 exterior	A		Window	Wood	White	Poor	0.17	0.07	Negative
11-Jul-16		30 exterior	A		Window	Wood	White	Poor	0.2	0.08	Negative
11-Jul-16		31 exterior	A		Window Stool	Wood	White	Poor	0.34	0.21	Negative
11-Jul-16		32 exterior	D		Window	Wood	White	Poor	0.66	0.16	Positive
11-Jul-16		33 exterior	D		Window Casing	Wood	White	Poor	0.29	0.07	Negative
11-Jul-16		34 exterior	D		Window Casing	Wood	White	Poor	0.16	0.06	Negative
11-Jul-16		35 exterior	D		Window	Wood	White	Poor	0.18	0.05	Negative
11-Jul-16		36 exterior	D		Window	Wood	White	Poor	0.06	0.04	Negative
11-Jul-16		37 exterior	D		Window Stool	Wood	White	Poor	0	0	Negative
11-Jul-16		38 exterior	D		Window	Wood	White	Poor	0.1	0.06	Negative
11-Jul-16		39 exterior	D		Window	Wood	White	Poor	1.45	0.21	Positive
11-Jul-16		40 exterior	D		Window Casing	Wood	White	Poor	0.12	0.05	Negative
11-Jul-16		41 exterior	D		Window	Wood	White	Poor	0.1	0.05	Negative
11-Jul-16		42 exterior	D		Window	Wood	White	Poor	0	0	Negative
11-Jul-16		43 exterior	C		Window	Wood	White	Poor	2.15	0.27	Positive
11-Jul-16		44 exterior	C		Window Casing	Wood	White	Poor	2.51	0.33	Positive
11-Jul-16		45 exterior	C		Window Stool	Wood	White	Poor	0.6	0.12	Positive
11-Jul-16		46 Calibrate							1.04	0.05	Positive
11-Jul-16		47 Calibrate							1.01	0.05	Positive
11-Jul-16		48 Calibrate							1.04	0.04	Positive

PERFORMANCE CHARACTERISTIC SHEET

Performance Characteristic Sheet

EFFECTIVE DATE: December 1, 2006

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: *Innov-X Systems, Inc.*
 Models: *LBP4000 with software version 1.4 and higher*
 Source: *X-ray tube*

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Inspection mode, variable reading time.

XRF CALIBRATION CHECK LIMITS:

1.0 to 1.1 mg/cm² (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

INSPECTION MODE READING DESCRIPTION	SUBSTRATE	INCONCLUSIVE RANGE (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	0.6 to 1.1
	Concrete	0.6 to 1.1
	Drywall	0.6 to 1.1
	Metal	0.6 to 1.1
	Plaster	0.6 to 1.1
	Wood	0.6 to 1.1

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted on 146 test locations, with two separate instruments, in December 2005.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm² for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm² at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm². Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

For each substrate type (the 1.02 mg/cm² NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

$$\text{Correction value} = (1\text{st} + 2\text{nd} + 3\text{rd} + 4\text{th} + 5\text{th} + 6\text{th Reading}) / 6 - 1.02 \text{ mg/cm}^2$$

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the variable-time inspection paint test mode, the instrument continues to read until it has determined whether the result is positive or negative (with respect to the 1.0 mg/cm² Federal standard), with 95% confidence. The following table provides testing time information for this testing mode.

Testing Times Using Variable Reading Time Inspection Mode (Seconds)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 < Pb
Wood, Drywall	2.1	2.3	5.4	2.2	5.4	2.2
Metal	2.6	3.2	5.3	2.7	5.1	5.1
Brick, Concrete, Plaster	3.1	4.0	5.7	3.2	4.0	5.9

CLASSIFICATION OF RESULTS:

When an inconclusive range is specified on the *Performance Characteristic Sheet*, XRF results are classified as positive if they are greater than the upper boundary of the inconclusive range, negative if they are less than the lower boundary of the inconclusive range, or inconclusive if in between. The inconclusive range includes both its upper and lower bounds. If the instrument reads "> x mg/cm²", the value "x" should be used for classification purposes, ignoring the ">". For example, a reading reported as ">1.0 mg/cm²" is classified as 1.0 mg/cm², or inconclusive. When the inconclusive range reported in this PCS is used to classify the readings obtained in the EPA/HUD evaluation, the following False Positive, False Negative and Inconclusive rates are obtained:

- FALSE POSITIVE RATE: 2.5% (2/80)
- FALSE NEGATIVE RATE: 1.9% (4/212)
- INCONCLUSIVE RATE: 16.4% (48/212)

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. XRF Performance Characteristic Sheets were originally developed by the MRI under a grant from the U. S. Environmental Protection Agency and the U.S. Department of Housing and Urban Development. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

LICENSING

Georgia Environmental Protection Division

Lead-Based Paint and Asbestos Program

Certification, Accreditation, Licensing Unit

Judson H. Turner, Director
 4244 International Parkway, Suite 104
 Atlanta, Georgia 30354



Certification To Conduct Georgia Regulated Lead-Based Paint Activities

Discipline Certification Type Combined Inspector/Risk Assessor

Certification Number 50 CMB 0216 4982

Issued To: Jeremy Weir

Gender	Height	Weight	Date of Birth
Male	6 3	250	10/17/1976

Company

Southeast Lead Consultants Inc.

Address

5009 Sandyhook Ct. NW

City	State	Zip	Phone
Acworth	GA	30102	(770) 858-5323

Certification Issue Date	Certification Expiration Date	Last Date Of Training
2/15/2016	1/13/2017	1/13/2016

This certificate confers all authorities granted by Georgia EPD Rules 391-3-24 and allows the above named individual to serve as a(n)

Combined Inspector/Risk Assessor

This certificate must be in your possession while conducting activities regulated by Georgia Rules 391-3-24. This certification is only valid for the performance of Georgia regulated lead-based paint activities and when employed by a Georgia Certified Lead-Based Paint Firm. A renewal application must be submitted at least thirty (30) days prior to the expiration date shown, and a refresher training course must be taken before the last date of training.

Issue Date	Expiration Date
2/15/2016	1/13/2017
Georgia Lead Firm License Number	
50 CMB	0216 585

*Jennifer Vogel, Program Manager
 Lead-Based Paint and Asbestos Program
 (404) 363-7026
 Issued By Alosie Larkins*



**Georgia Environmental Protection Division
Lead-Based Paint Certified Firm License**

Judson H. Turner, Director
4244 International Parkway, Suite 104
Atlanta, Georgia 30354



This Is To Certify That

Southeast Lead Consultants

Jeremy Weir

Owner/President

Having Satisfied the Requirements of The Georgia Lead Poisoning Prevention Act, O.C.G.A. 31-41-1, et seq and the Rules for Lead-Based Paint Hazard Management, Chapter 391-3-24, The Above Referenced Firm is Hereby Certified To Perform Lead-Based Paint Activities in the State of Georgia. This License May Be Subject to Revocation, Suspension, or Modification by the Director for Cause Including Evidence of Noncompliance or For Any Misrepresentation Made in the Application, Supporting Data or Subsequent Submittals Entered Therein or Attached Thereto, or Failed to Maintain Required Records. The Certification Holder Agrees to Use Only Georgia Certified Individuals When Conducting Georgia Regulated Lead-Based Paint Activities Granted By This License.

Issue Date	Expiration Date
2/15/2016	2/15/2017
Georgia Lead Firm License Number	
12 0313	2504

**Jennifer Vogel, Program Manager
Lead-Based Paint and Asbestos Program
(404) 363-7026**

Issued By: Aljosie Larkins

Report of Limited Suspect Asbestos Building Materials Survey
Window Pane Glazing & Frame Caulking

Rockdale County Courthouse
922 Court St NE
Conyers, GA 30012

Prepared By
Environmental Associates, Inc.
270 Hollyridge Drive
Roswell GA 30076

Prepared For
Andrew Morton
Capital Projects Manager
Rockdale County Recreation and Maintenance

Issue Date
July 14, 2016

INTRODUCTION

Environmental Associates, Inc. (EAI) has completed the limited survey of suspect asbestos containing window pane glazing & caulking materials on the windows of the *Rockdale County Courthouse, located at 922 Court St NE Conyers, GA 30012 (subject site)*.

This initial field work was carried out on July 11, 2016. The field work and sampling activities were completed by Mr. Jeff Giles, Senior Industrial Hygienist, accredited asbestos in building inspector.

Our field work was limited to the collection of suspect window pane glazing & caulking materials from the courthouse windows.

The Georgia Environmental Protection Division (GEPD) considers all building materials with asbestos content in excess of 1% to be Regulated Asbestos Containing Material (RACM). All RACM potentially impacted by demolition or renovation should be removed and disposed by a licensed asbestos abatement contractor. Furthermore, all removed RACM should be disposed in a landfill permitted to accept asbestos containing materials.

GENERAL LIMITATIONS

The suspect ACM survey was conducted using standard engineering and scientific judgment, principles, and practices. The survey is based on the observations recorded by the auditor during the site survey. The survey is a partially invasive assessment limiting damage to the site structure and working systems. Findings, therefore, are limited to those items that could be directly observed.

Please note that this document is not a specification for asbestos removal. It does not contain means and methods for abatement. Contractors or bid specification contractor must determine asbestos amount prior to abatement bidding or ACM removal.

Visually identified suspect materials were sampled to represent conditions of accessible building space. There remains a possibility that ACMs are present that were undetected or inaccessible during the site visit.

There may be additional suspect materials enclosed or concealed in locations inaccessible at the time of the survey. Precautions should be taken during any demolition or renovation activity to identify building materials, which may be disturbed or uncovered to avoid an asbestos exposure hazard.

METHODOLOGY

A total of fifteen (15) samples of suspect asbestos containing window pane glazing & caulking materials were collected from accessible windows at the subject site. In addition, samples of suspect asbestos containing roofing cement materials were collected from the 3rd floor West windows.

The suspect building material samples were submitted to *Analytical Environmental Services, Inc.* The samples were analyzed using Polarized Light Microscopy (PLM) coupled with Dispersion Staining as detailed in the United States Environmental Protection Agency's (EPA) "Interim Method for the Determination of Asbestos in Material Insulation Samples" (EPA-600/R-93/116 Method).

SUMMARY OF ASBESTOS CONTAINING MATERIALS

Asbestos-Cont. Material	Location	% Asbestos
Window Pane Glazing	<i>Exterior Windows Pane Glazing</i>	2 % Chrysotile
Window Frame Caulking	<i>Exterior Windows Frame Caulking</i>	3 % Chrysotile
Roofing Cement Materials	<i>Applied to the Exterior Window Stool & Apron 3rd Floor West Windows</i>	10 % Chrysotile

The building inspection and sample collection was performed by Mr. Jeff Giles as a representative of EAI. Mr. Giles has successfully completed the course and examination requirements for EPA-Model Accreditation in asbestos building inspection Certification Number 166579. Although EAI performed a detailed investigation of the building, there may be additional suspect materials enclosed or concealed in locations inaccessible at the time of the survey. Care should be taken during any demolition or renovation activity to identify building materials, which may be disturbed or uncovered.

The EPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations (40 CFR 61 (M)) require that regulated asbestos-containing materials (RACM) be properly removed prior to any demolition or renovation activity, which may disturb them. The EPA NESHAP regulations define RACM as "(a) Friable ACM, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subject to sanding, grinding, cutting or abrading, or (d) Category II non-friable ACM that has a high probability of becoming, or has become, crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations."

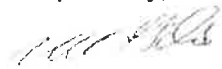
Materials that contain less than one (1) percent asbestos are not currently subject to EPA regulations. However, it should be noted that the disturbance of these materials might be subject to regulations issued by the U.S. Occupational Safety and Health Administration (OSHA). Such a disturbance may elevate the concentration of airborne fibers above the permissible exposure limit (PEL) of 0.1 fibers per cubic centimeter (f/cc) of air, measured as an eight-hour time weighted average (TWA), or the 30-minute short term excursion limit (STEL) of 1.0 f/cc. Recent revisions to the OSHA regulations require that all surfacing materials, thermal system insulation materials, and resilient flooring installed "no later than 1980" be considered as presumed asbestos-containing materials (PACM) and treated accordingly.

Furthermore, OSHA has implemented the final rule for occupational exposure to asbestos to include regular building maintenance operations and custodial activities, which may disturb identified asbestos-containing materials or presumed asbestos-containing materials. In order to rebut the designation of installed materials as PACM, OSHA requires the sampling of suspect material be performed in accordance with 40 CFR 763 (E) issued by the EPA under the Asbestos Hazard Emergency Response Act of 1986 (AHERA). The AHERA regulations establish asbestos identification and management requirements for schools, grades K through 12. The recent OSHA revisions also include specific notification and engineering control procedures.

- ***Asbestos abatement activities must be performed in accordance with GA EPD, EPA, and OSHA regulations.***

A complete copy of all sample information and analysis results has been included for your reference. Please do not hesitate to contact us at 770 891 0484 if you have any questions or concerns regarding this matter.

Respectfully,



Jeff Giles
Senior Industrial Hygienist

LABORATORY DATA



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
Bulk Sample Summary Report



Lab Code 102082-0

13-Jul-16

Client Name: **Giles Consulting Services**

AES Job Number: **1607792**

Project Name:

Project Number: **R.C COURTHOUSE**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
12 Layer: 2	1607792-012A	Caulking 1 Front E.	3	ND	ND	ND	ND	ND	Paint included as binder
13 Layer: 1	1607792-013A	Caulking 1 East	ND	ND	ND	ND	ND	ND	Paint included as binder
13 Layer: 2	1607792-013A	Caulking 1 East	3	ND	ND	ND	ND	ND	
14 Layer: 1	1607792-014A	Caulking 1 East	ND	ND	ND	ND	ND	ND	Paint included as binder
14 Layer: 2	1607792-014A	Caulking 1 East	3	ND	ND	ND	ND	ND	
15 Layer: 1	1607792-015A	Caulking Pit West	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets

ND = None Detected

AES, Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis. Lab Code: 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 500/514-82-0201, 1982 as found in 40 CFR, Part 763, Appendix E to Subpart F and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-93-116), 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials; quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khanina



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

NVLAP

Lab Code 102082-0

13-Jul-16

Client Name: **Giles Consulting Services**

AES Job Number: **1607792**

Project Name:

Project Number: **R.C COURTHOUSE**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
09 Layer: 2	1607792-009A	Roofing Cement 3 West	ND	ND	ND	ND	ND	ND	
10 Layer: 1	1607792-010A	Caulking 3 West	ND	ND	ND	ND	ND	ND	Paint included as binder
10 Layer: 2	1607792-010A	Caulking 3 West	3	ND	ND	ND	ND	ND	
11 Layer: 1	1607792-011A	Caulking 1 Front R	ND	ND	ND	ND	ND	ND	Paint included as binder
11 Layer: 2	1607792-011A	Caulking 1 Front R	3	ND	ND	ND	ND	ND	
12 Layer: 1	1607792-012A	Caulking 1 Front L	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

AES, Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis. Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/4-82-020) 1982 as found in 40 CFR, Part 763, Appendix E, to Subpart E, and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-97-116) 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials; quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst:

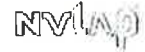
Perka Topuzova

QC Analyst:

Yelena Khanina



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
Bulk Sample Summary Report



Lab Code 102082-0
 13-Jul-16

Client Name: **Giles Consulting Services**
 Project Name:

AES Job Number: **1607792**
 Project Number: **R.C COURTHOUSE**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
06 Layer: 1	1607792-006A	Glazing 1 Front East	2	ND	ND	ND	ND	ND	Paint included as binder
06 Layer: 2	1607792-006A	Glazing 1 Front East	ND	ND	ND	ND	ND	ND	Paint included as binder
07 Layer: 1	1607792-007A	Glazing Pit West	ND	ND	ND	ND	ND	ND	Paint included as binder
08 Layer: 1	1607792-008A	Glazing 1 East (HVAC)	ND	ND	ND	ND	ND	ND	Paint included as binder
08 Layer: 2	1607792-008A	Glazing 1 East (HVAC)	ND	ND	ND	ND	ND	ND	Paint included as binder
09 Layer: 1	1607792-009A	Roofing Cement 3 West	10	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=trondhjemite, AN=anthophyllite
 For comments on the samples, see the individual analysis sheets
 ND = None Detected

AES Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis. Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/4-92-020) (1982 as found in 40 CFR, Part 763, Appendix E to Subpart E) and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116), 1993.
 These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume.
 PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar roofable materials; quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.
 This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khamina



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
Bulk Sample Summary Report



Lab Code 102082-0

13-Jul-16

Client Name: **Giles Consulting Services**

AES Job Number: **1607792**

Project Name:

Project Number: **R.C COURTHOUSE**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
01 Layer: 1	1607792-001A	Glazing 3 West	2	ND	ND	ND	ND	ND	
02 Layer: 1	1607792-002A	Glazing 3 West	ND	ND	ND	ND	ND	ND	Paint included as binder
03 Layer: 1	1607792-003A	Glazing 3 West	ND	ND	ND	ND	ND	ND	Paint included as binder
03 Layer: 2	1607792-003A	Glazing 3 West	2	ND	ND	ND	ND	ND	
04 Layer: 1	1607792-004A	Glazing 1 Front R	ND	ND	ND	ND	ND	ND	Paint included as binder
05 Layer: 1	1607792-005A	Glazing 1 Front L	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets

ND = None Detected

AI S, Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis. Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E, to Subpart F and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-93-116), 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials; quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

This report must not be reproduced, except in full, without written approval of Analytical Environmental Services, Inc.

Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khanina



ANALYTICAL ENVIRONMENTAL SERVICES, INC.
Bulk Sample Summary Report



Lab Code 102082-0
 13-Jul-16

Client Name: **Giles Consulting Services**

AES Job Number: **1607792**

Project Name:

Project Number: **R.C COURTHOUSE**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
15 Layer: 2	1607792-015A	Caulking Pit West	ND	ND	ND	ND	ND	ND	None included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=trémolite, AN=anthophyllite
 For comments on the samples, see the individual analysis sheets
 ND = None Detected

AES Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 800/MI-02-020) 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/4-91-010), 1993.
 These test results apply only to those samples actually tested as submitted by the client. All percentages are reported by visually estimated volume.
 PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TSM is currently the only method that can be used to determine conclusive asbestos content.
 This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc.

Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khamina

1607792

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive, Atlanta, GA 30340-3704
(770) 457-8177 / Toll Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY
BULK ASBESTOS ANALYSIS

Client Name: Giles Consulting Phone: ()
Address: 8405 Buckhorn Fax: ()
City, State, Zip: Sandy Springs GA 30350 Project Name:
Contact: _____ Project Number: R.C. Courthouse
Sampler's Name: _____ Sampling Date: 7-11-16

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1	01	GLAZING 3 WEST		PLAN NEXT DAY	
2	02	3 WEST			
3	03	3 WEST			
4	04	1 Front R			
5	05	1 Front L			
6	06	1 Front EAST			
7	07	PIT WEST			
8	08	1 EAST (HVAC)			
9	09	ROOFING CGMENT 3 WEST			
10	10	CAULKING 3 WEST			
11	11	1 Front R			
12	12	1 Front L			
13	13	1 EAST			
14	14	1 EAST			
15	15	PIT WEST			
16					
17					
18					
19					
20					

Relinquished by: [Signature] Date/Time: 7-11-16
Received by: _____ Date/Time: _____
Relinquished by: _____ Date/Time: _____
Received by: _____ Date/Time: _____

FOR LAB USE ONLY
Lab Recipient: Jessica Kelly Date/Time: 7/12/16 1:39 pm Method of Shipment: Client

**ASBESTOS IN BUILDINGS INSPECTOR
CERTIFICATE**

Asbestos Consulting & Training Systems

40869-4395CERTRBIR

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311

(954) 524-7208

Processed By:

This is to Certify that
Jeffrey T. Giles



X X X - X X - 7 9 8 1
8905 Buckhorn, Atlanta, GA 30350

has successfully completed an English

Asbestos Building Inspection Refresher

23-Nov-15 TO 23-Nov-15

Meets state requirements of FL49-0001020/CN-0006273 and UF (6.0 core)

NDAAC Provider #451

Trainer(s): Jim Stump

Training Address: 5891 New Peachtree RD-122, Atlanta, GA, 30338
Successful course completion based on exam score on: 11/23/15

This Certificate Expires:

22-Nov-16



1 1 / 2 2 / 1 6



James F. Stump, Course Sponsor
Certificate Number: 1 6 6 5 7 9

Course Number: GE1548

STATE OF FLORIDA DEPARTMENT OF REVENUE
DIVISION OF PROFESSIONAL REGULATION
TRAINER'S CERTIFICATION BOARD
1900 N.W. 11TH AVENUE, SUITE 1000, MIAMI, FL 33136
TEL: 305-399-2000 FAX: 305-399-2001
WWW.FLTPRB.COM