

## **1000 PINOAK LANE DEMOLITION SCOPE OF WORK**

### **Contractor Requirements:**

Contractor services required from a certified or registered contractor, licensed by the State of Florida and properly insured to perform residential property demolition, site restoration, and stabilization activities. Services will be procured through competitive bids consistent with Escambia County procurement policy and subject to 2 CFR Part 200. All contractors desiring to bid on the advertised project must meet minimum qualifications, as established by the Escambia County Board of County Commissioners and the Office of Purchasing, to be deemed responsive.

### **Project Summary:**

Contractors will provide their competitive bid to demolish and remove all improvements from the property at 1000 Pinoak Lane as indicated by the *Demolition Plan* in **Appendix A**, *Boundary Survey* in **Appendix B**, and this document. Improvement elements are to include, but not be limited to: the primary structure, outbuildings and accessory units, fences, sidewalks and driveways, utilities, underground appurtenances such as yard features, foundations, and any other non-vegetative improvements on the property. The site shall be returned to a graded, stabilized condition that is properly leveled with seed & mulch on disturbed or bare areas and watering to encourage vegetative growth. Likewise, sod should be placed on any disturbed slopes that are to remain, which are greater than 1:10 slope. Refer to **Table 1** for property specifications known by Escambia County as of the date of this invitation to bid. All activities performed under the resultant contract shall be completed in accordance with applicable federal, state and local laws, regulations, policies, and procedures.

<b>Table 1: Property Specifications</b>	
Address	1000 Pinoak Lane
City	Cantonment, FL
Zip Code	32533
Parcel Number	342N313100000001
Legal Description	See attached boundary survey
Primary Structure Area (SF)	3,316
Property Area (acres)	4.07
Presence of Underground Elements	Septic tank, potable water well, misc foundations
Hazardous Materials Identified	Black mastic associated with roofing felt (approx.. 4,500 SF) – Throughout roof (good condition)
Accessory Unit or Outbuilding Presence	Two (2) chicken coops, metal shed, vinyl shed, horse stable, fencing, gates, and landscaping pond

Note: Site components listed are in existence as of September 26, 2019.

### **Contractors must consider the following items in their competitive bid:**

1. Disposal of all project debris must be properly disposed of at an appropriately permitted facility. Burying or burning of any materials is not allowed. Include the following costs in the bid:
  - a. Bid Cost for removal, disposal, and restoration of 1000 Pinoak Lane. Landfill fees must be included. Lump Sum.

- b. Bid Cost for proper removal and disposal of asbestos containing material (ACM) at 1000 Pinoak Lane. Landfill and regulatory fees must be included. See attached *Demolition Level Asbestos and Lead-Based Paint Survey Report* in **Appendix C**. Lump Sum.
2. Hazardous materials, such as asbestos, lead, and petroleum products must be removed as part of the demolition. The selected contractor is responsible for notification of the presence of regulated asbestos-containing materials by submission of the "Notice of Asbestos Renovation or Demolition" to the Florida Department of Environmental Protection in accordance with the procedures in effect as of October 2019. See **Appendix C** for *Demolition Level Asbestos and Lead-Based Paint Survey Report* for 1000 Pinoak Lane.
3. The selected contractor shall provide full documentation of permitted debris disposal location(s), with appropriate truck tickets as required by the grant funding this project.
4. The selected contractor must discontinue, turn off, remove, abandon, and/or cap utilities. The selected contractor is responsible to coordinate with utility companies, and only licensed contractors may handle underground utilities. All utilities shall be removed and capped at the right of way. This includes, but is not limited to:
  - a. Physically capping water service and sewer lines. (Potable water well and sewer septic tank onsite per previous property owner.)
  - b. Turning off electricity and natural gas, and removing service lines. (Electricity disconnection on 10/11/2019 per previous property owner; no gas service per previous property owner.)
  - c. Water wells must be closed using the "full grout" system as required by the Northwest Florida Water Management District and stipulated in Florida Administrative Code, Chapter 40A-3. Well closures are to be performed by a Florida Licensed Water Well Contractor. Proof of a final inspection must be provided with the selected contractor's invoice.
  - d. Septic tanks must be removed and the area filled with compacted clean fill. Septic tanks must be pumped and demolished according to the requirements of the Escambia County Health Department as stipulated in Florida Administrative Code, Chapter 64E-6. Septic tank closures must be performed by a Florida Licensed Plumbing contractor or a Licensed Septic Tank Contractor. Proof of a final inspection must be provided with the selected contractor's invoice.
  - e. Although presence is not documented or expected, underground oil tanks must be removed, along with small quantity of soil around the fill pipe if there is any contamination. Notify Escambia County of the presence of such before proceeding. (No tanks per previous property owner.)
  - f. Although presence is not documented or expected, above-ground oil tanks and propane tanks must be removed. Notify Escambia County of the presence of such before proceeding. (No tanks per previous property owner.)
5. Underground appurtenances, such as foundations and piping, must be removed to at least 1 foot below the surrounding ground. Any excavated area must be backfilled with compacted clean fill to be level with the surrounding ground.
6. Once improvements and debris are removed, the land must be prepared to minimize erosion and encourage vegetative cover. If demolition results in excavation, holes, or unusual contours, grading and/or fill may be required to return the site to a natural state, including appropriate vegetation. All disturbed areas must be graded, leveled, and seeded & mulched. Areas with slope greater than 1:10 shall be sodded. The top twelve inches of soil should be capable of supporting

vegetation. No removal of trees will be allowed unless necessary for demolition. If tree removal is required, it shall be coordinated with County staff.

7. All permits and associated fees are to be obtained for and paid by the selected contractor and must be posted appropriately. Permits include but not limited to building permits for demolition, central sewer closure, septic tank closure permits, well closure permits, and other permits required by County, State, Federal, and community regulations.
8. There is fencing located in jurisdictional wetlands according to the Demolition Plan, which has been surveyed as part of that plan. Fencing located in jurisdictional wetland areas must be left in place. The location of the jurisdictional wetland is shown in the Demolition Plan. There are to be no wetland impacts or activities in wetlands associated with the demolition. BMP's should be placed adjacent to wetlands in order to avoid runoff impacts, as necessary. BMP's shall be included in the Lump Sum demolition cost.
9. The selected contractor must submit documentation of methods of removal and disposal, including but not limited to, permits, disposal locations, and quantity of fill material used, if necessary.
10. **Appendix A** contains the 1000 Pinoak Lane Demolition Plan. **Appendix B** contains the 1000 Pinoak Lane Boundary Survey. **Appendix C** contains the Demolition Level Asbestos and Lead-based Paint Survey report. **Appendix D** is for informational purposes only and contains coordination with FDEP regarding the handling of asbestos containing materials (ACM's). **Appendix E** provides Federal Contract Conditions. **Appendix F** provides the Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion form required to be filled out by the selected Contractor as required by FEMA. **Appendix G** includes the Escambia County Technical Specifications, Revised May 17, 2017, which may be required for elements of the demolition project.

### **Project Schedule**

The selected contractor must demolish and dispose of all site improvements and have all restoration and associated activities documented within 30 days of receiving a Notice to Proceed from Escambia County. The contractor shall schedule a substantial completion walkthrough with Escambia County on or before the end of the 30 days. The contract will include 15 additional days for Final Completion, if necessary to address punchlist items or to provide the necessary documentation required by the contract. If additional time is required for any reason, including weather delays, delays caused by the community, the State, or FEMA, the selected contractor must provide a written request for extension, approved by Escambia County. If applicable, the selected contractor must notify the Florida Department of Environmental Protection at least 10 days, but no earlier than 45 days, before demolition begins, per the National Emissions Standards for Hazardous Air Pollutants. Escambia County must be included on such correspondence. Debris and hazardous materials (if any) must be removed and the lot cleared, graded, and seeded or sodded to encourage vegetative growth immediately following the completion of demolition and land-disturbing activities.

### **Contract Time and Liquidated Damages**

The Work shall be substantially complete within **Thirty (30) consecutive calendar days** from the date of from the Notice to Proceed Commencement date. **Fifteen (15) additional calendar days** will be provided for Final Completion, if required. The bid shall be based on these timeframes.

**Liquidated damages of \$1000.00 per day will be assessed for each day that completion of the project is delayed past Final Completion.**

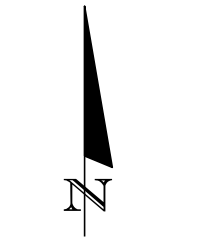
**Bidder Qualifications**

All contractors responding to the Bid Request must demonstrate the following qualifications to be considered eligible:

- Provide a copy of Certification or Registration as a contractor issued by the State of Florida.
- Provide any other certification required by the work under this contract including but not limited to well closure, septic tank removal, and asbestos containing material (ACM) disposal.

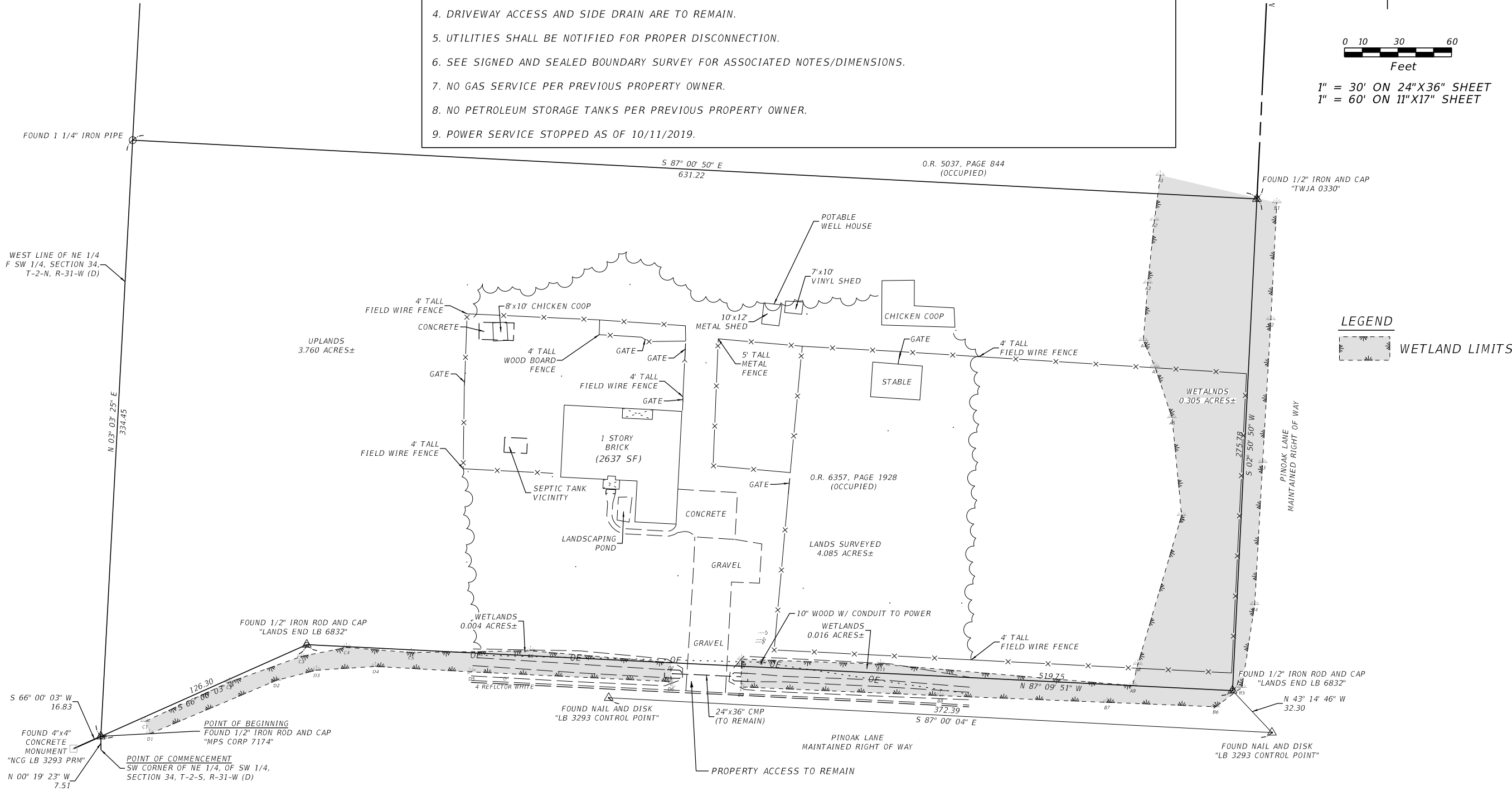
**APPENDIX A**  
**DEMOLITION PLAN**

- DEMOLITION NOTES
1. DEMOLISH AND REMOVE ALL SITE IMPROVEMENTS INCLUDING BUT NOT LIMITED TO RESIDENTIAL STRUCTURE, TWO CHICKEN COOPS, METAL SHED, VINYL SHED, STABLE, ASSOCIATED CONCRETE AND FOUNDATIONS, FENCING AND GATES.
  2. ALL TREES ARE TO REMAIN.
  3. MAINTAIN A 10' BUFFER FROM WETLANDS SHOWN, UNLESS IMPROVEMENTS ARE ADJACENT TO WETLANDS. THERE SHOULD BE NO WETLAND IMPACTS. GROUND DISTURBANCE NEAR WETLANDS REQUIRE THE NECESSARY BEST MANAGEMENT PRACTICES (BMP'S), IF APPLICABLE. FENCE SHALL BE REMOVED UP TO THE WETLAND LIMITS AS SHOWN. FENCE LOCATED WITHIN THE WETLANDS IS TO REMAIN AS NOT TO DISTURB WETLANDS.
  4. DRIVEWAY ACCESS AND SIDE DRAIN ARE TO REMAIN.
  5. UTILITIES SHALL BE NOTIFIED FOR PROPER DISCONNECTION.
  6. SEE SIGNED AND SEALED BOUNDARY SURVEY FOR ASSOCIATED NOTES/DIMENSIONS.
  7. NO GAS SERVICE PER PREVIOUS PROPERTY OWNER.
  8. NO PETROLEUM STORAGE TANKS PER PREVIOUS PROPERTY OWNER.
  9. POWER SERVICE STOPPED AS OF 10/11/2019.




0 10 30 60  
Feet


1" = 30' ON 24"X36" SHEET  
1" = 60' ON 11"X17" SHEET



REVISIONS	
DATE	DESCRIPTION



D. ALLEN VINSON  
P.E. LICENSE NUMBER 72543  
HDR ENGINEERING, INC.  
25 WEST CEDAR STREET, SUITE 200  
PENSACOLA, FL 32502-5945  
CERTIFICATE OF AUTHORIZATION 4213

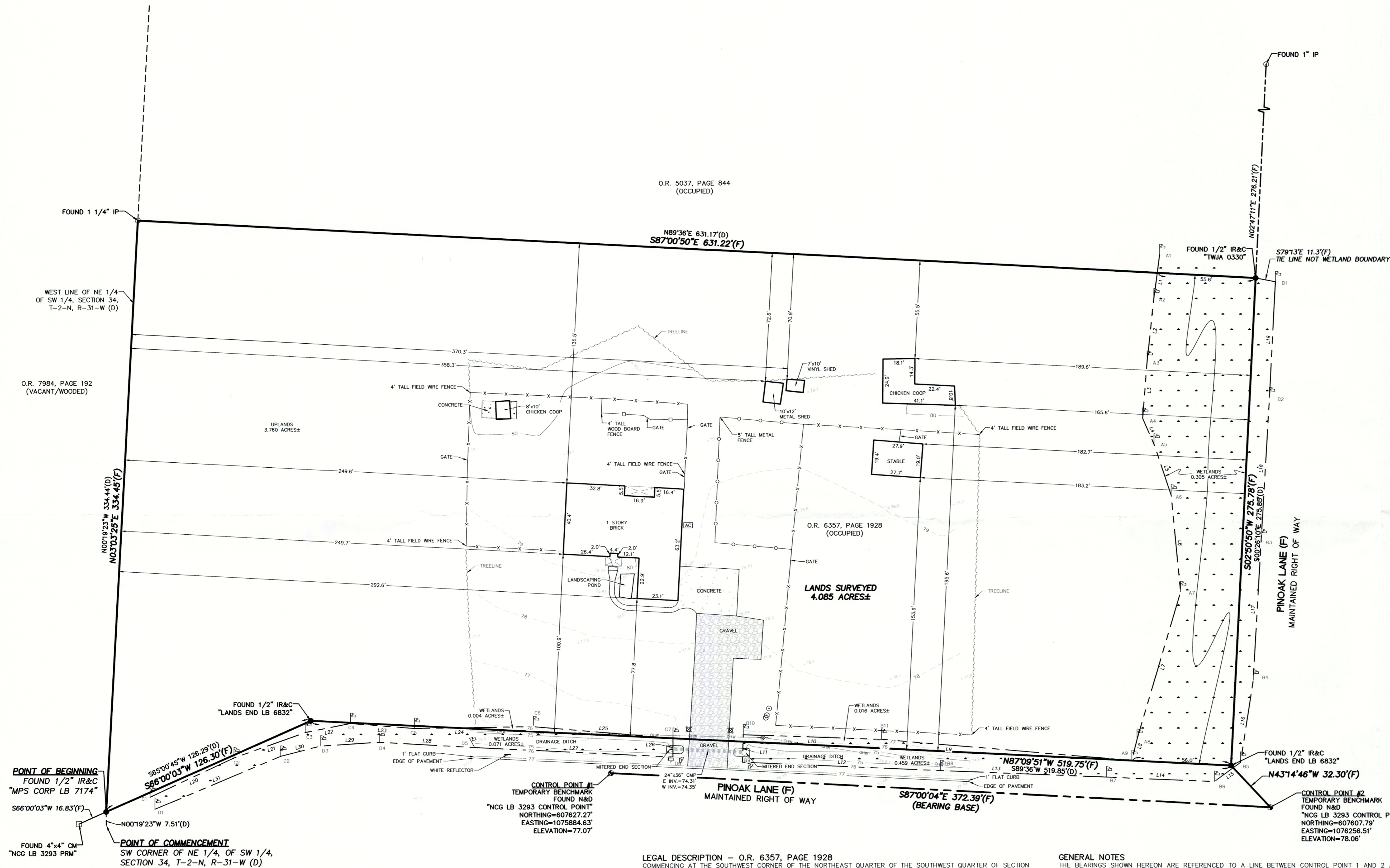
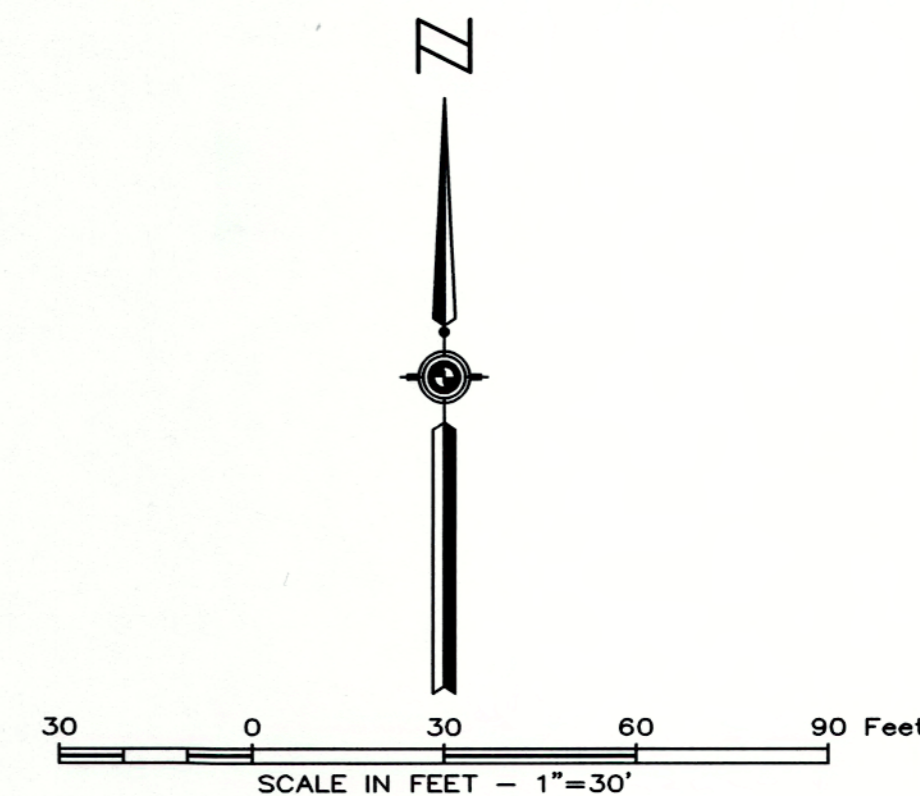
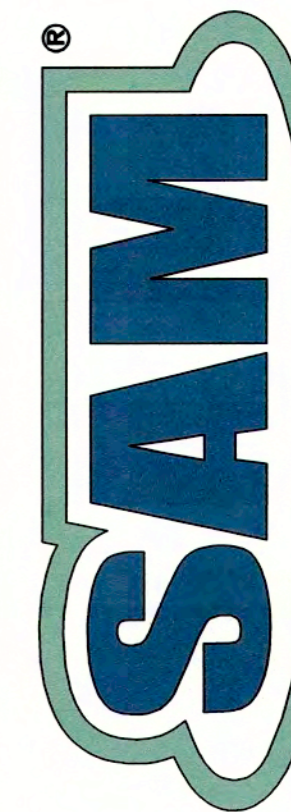


ESCAMBIA COUNTY  
ENGINEERING DEPARTMENT  
  
PINOAK LANE ACQUISITION  
AND DEMOLITION

DEMOLITION PLAN

SHEET NO.  
1 OF 1

**APPENDIX B**  
**BOUNDARY SURVEY**

BOUNDARY & TOPOGRAPHIC SURVEY  
1000 PINOAK LANE, CANTONMENT,  
ESCAMBIA COUNTY, FLORIDA  
SECTION 34, T-2-N, R-31-WPROJECT: HDR  
JOB NUMBER: 1000 PINOAK LANE  
JOB NUMBER: 1019047604  
SURVEY DATE: 01/18/2019  
SCALE: 1" = 30'  
SURVEYOR: EBS  
TECHNICAL: EBS  
DRAWING: 47604T090-001  
PLOT DATE: 02/05/2019  
PARTY/CLIENT: WW  
FIELDBOOKS: N625/11-18600 University Office Blvd.,  
Suite #17-B  
Pensacola, Florida 32504  
Office: 850.857.7725  
Fax: 850.857.7726  
Email: info@sam.biz  
Florida L.B. No. 7908

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S7° 22' 48"W	25.30
L2	S6° 05' 11"W	35.43
L3	S4° 24' 57"W	32.33
L4	S23° 44' 42"E	15.89
L5	S18° 39' 27"E	30.26
L6	S5° 34' 16"E	55.05
L7	S16° 24' 09"W	86.83
L8	S13° 31' 16"W	12.34
L9	N85° 08' 25"W	141.91
L10	N87° 57' 30"W	77.98
L11	S1° 08' 54"W	15.52
L12	S87° 28' 55"E	111.85
L13	S87° 42' 45"E	93.63
L14	S87° 40' 05"E	60.90
L15	N53° 43' 52"E	18.29
L16	N8° 45' 14"E	47.07

LINE TABLE		
LINE #	DIRECTION	LENGTH
L17	N3° 12' 00"E	79.63
L18	N3° 17' 12"E	80.12
L19	N2° 54' 33"E	65.64
L20	N64° 59' 47"E	52.22
L21	N70° 24' 39"E	43.00
L22	N78° 45' 04"E	25.75
L23	S85° 26' 47"E	36.25
L24	N89° 09' 43"E	67.07
L25	S85° 09' 47"E	79.01
L26	S0° 26' 14"W	10.62
L27	N87° 11' 49"W	111.91
L28	N86° 46' 17"W	53.88
L29	S86° 23' 51"W	33.18
L30	S75° 44' 31"W	23.19
L31	S67° 08' 36"W	77.08

## ABBREVIATIONS AND SYMBOLS

AC = AIR CONDITIONER  
C = COLUMN  
CM = CONCRETE MONUMENT  
CMP = CONTROL POINT  
CMP = CORRUGATED METAL PIPE  
C = CUY ANCHOR  
INV. = INVERT ELEVATION  
IP = IRON PIPE  
IR&C = IRON ROD & CAP  
M = MAILBOX  
N&D = NAIL & DISK  
O.R. = OFFICIAL RECORDS BOOK  
S = SHARED UTILITY POLE  
S = SIGN  
S = SPOT ELEVATION

(D) = WETLAND FLAG  
(F) = VALUE DERIVED FROM DEEDS OF RECORD OR DESCRIPTIONS PROVIDED  
(F) = VALUE DERIVED FROM FIELD SURVEY  
CHW = OVERHEAD WIRES  
M = METAL FENCE  
W = WOOD BOARD FENCE  
X = FIELD WIRE FENCE  
T = TREELINE  
C = CONCRETE  
G = GRAVEL

## GENERAL NOTES

THE BEARINGS SHOWN HEREON ARE REFERENCED TO A LINE BETWEEN CONTROL POINT 1 AND 2 AS BEING SOUTH 87 DEGREES 00 MINUTES 04 SECONDS EAST. HORIZONTAL COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA NORTH ZONE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (2011). ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

HORIZONTAL AND VERTICAL DATUMS ARE REFERENCED TO THE FLORIDA PERMANENT REFERENCE NETWORK (FPRN) VIRTUAL REFERENCE STATION (VRS) SOLUTION, BASED ON REAL TIME KINEMATIC (RTK) OBSERVATIONS TAKEN ON MAY 18, 2018. ELEVATIONS DERIVED FROM GPS MEASUREMENTS ARE NOT THE SAME AS, AND MAY DIFFER FROM, DIFFERENTIAL LEVELING MEASUREMENTS AND ARE SUBJECT TO POSSIBLE INACCURACIES DUE TO ANOMALIES THAT MAY EXIST IN THE GEODID SURFACE THAT CANNOT BE MODELED ACCURATELY USING THE NOS GEODID MODEL OF 2012 (GEODID12B).

THE TOPOGRAPHIC SURVEY IS LIMITED TO THOSE AREAS WITHIN THE EXISTING WOODLINES AS SHOWN ON THE SURVEY.

WETLAND FLAGS SHOWN HEREON WERE MARKED BY HDR AND LOCATED BY SAM SURVEYING AND MAPPING, LLC, USING CONVENTIONAL AND GPS METHODS. WETLANDS ACREAGE OVER SUBJECT PARCEL = 0.325 ACRES±; UPLANDS ACREAGE OVER SUBJECT PARCEL = 3.760 ACRES±.

THIS PARCEL APPEARS TO LIE IN FLOOD ZONE X, AS DETERMINED BY SCALE FROM FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 120080 0240 G, DATED SEPTEMBER 29, 2006.

ACCORDING TO THE OFFICIAL WEBSITE OF ESCAMBIA COUNTY, FLORIDA (WWW.MYESCAMBIA.COM), PINOAK LANE IS A COUNTY MAINTAINED ROAD.

UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND MARKING, PAINTING, FLAGGING AND/OR OTHER VISIBLE EVIDENCE AS MARKED BY OTHERS, EXISTING AT THE TIME OF FIELD SURVEY.

THERE MAY BE ADDITIONAL RIGHTS OF WAY, EASEMENTS, BUILDING SETBACKS, OR OTHER RESTRICTIONS OF RECORD THAT ARE NOT SHOWN. THE SURVEYOR HAS NOT BEEN FURNISHED A TITLE COMMITMENT, THEREFORE NO CERTIFICATION IS GIVEN THAT ALL RESTRICTIONS OF RECORD ARE SHOWN. ALSO, NO CERTIFICATION IS GIVEN THAT DEED OVERLAPS AND UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS DO NOT EXIST.

ABOVE GROUND VISIBLE ENCROACHMENTS AND APPARENT USES LOCATED BY THE SURVEYOR ARE AS SHOWN HEREON.

THIS SURVEY IS CERTIFIED TO: ESCAMBIA COUNTY, FLORIDA

## SURVEYOR'S CERTIFICATE

ERIC B. STUART, P.S.M., FLORIDA LICENSE NO. 6707  
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

## **APPENDIX C**

### **DEMOLITION LEVEL ASBESTOS AND LEAD-BASED PAINT SURVEY**



September 16, 2019

Allen Vinson, P.E.  
HDR, Inc.  
25 West Cedar Street, Suite 200  
Pensacola, Florida 32502

**RE: Demolition Level Asbestos and Lead-Based Paint Survey  
1000 Pinoak Lane  
Cantonment, Florida 32533**

Dear Mr. Vinson:

Please find attached for your review, the results of the Pre-Demolition Asbestos Survey and lead based-paint survey completed for the above referenced property. The survey was completed by NV5, Inc. as a subcontractor to Cameron-Cole, LLC. All sampling and reporting activities were completed by an Asbestos Hazard Emergency Response Act (AHERA) accredited asbestos building inspector and an accredited lead paint inspector working under the direction of a Florida Licensed Asbestos Consultant. As detailed in the attached report, the survey did not identify the presence of leaded paint in any of the samples collected at concentrations greater than 0.5 percent weight. The results of the asbestos survey identified the following United States Environmental Protection Agency (U.S. EPA) Category I, Non-Friable asbestos containing material (ACM):

- Black Mastic associated with Roofing Felt (approximately 4,500 square feet) throughout roof.

The material was observed to be in good condition at the time of the survey. Please see the attached report for additional details and recommendations. Cameron-Cole, LLC appreciates the opportunity to provide services to HDR, Inc. and Escambia County. Should you have any questions or require additional information regarding this report, please contact our office at (850) 434-1011.

Sincerely,

John H. Bondurant  
Executive Vice President

Attachment

creating sustainable success

200 E. Government Street, Suite 100, Pensacola, FL 32502 P. 850.434.1011 F. 850.434.2168

[www.cameron-cole.com](http://www.cameron-cole.com)

S:\Completed Projects\301-325\302\111111\JB.RPT 40302





September 5, 2019  
NV5 Project No.: 19-20852

Cameron-Cole, LLC  
Mr. John Bondurant, Executive Vice President  
200 East Government Street, Suite 100  
Pensacola, Florida 32502

Reference: **Demolition Level/NESHAP Asbestos Survey and Lead Paint Assessment**  
Single Family Residence  
1000 Pinoak Lane  
Cantonment, Florida 32533

Dear Mr. Bondurant,

A demolition level survey for asbestos-containing materials (ACMs) and an assessment for lead paint were performed at the above referenced facility on August 28, 2019 by Mr. James Kerr. Mr. Kerr is an AHERA accredited asbestos building inspector and an accredited lead paint inspector, working under the direction of a Florida Licensed Asbestos Consultant (#AX-43) who is also a Certified Industrial Hygienist (CIH).

Collected ACM samples were forwarded to Air Quality Environmental, Inc. (AQE), an independent laboratory located in Seminole, Florida, for analysis by Polarized Light Microscopy (PLM).

Collected paint chip samples were forwarded to EMSL Analytical, Inc., in Orlando, Florida for analysis via flame atomic absorption spectrometry (AAS) in accordance with Method SW 846 3050B/7000B.

### **Asbestos Survey**

The following EPA Category I non-friable material was found to contain asbestos concentrations greater than one percent:

- Black Mastic Associated with Roofing Felt (approximately 4,500 square feet) – Throughout Roof (Good Condition)

This material should be removed by a Florida licensed asbestos abatement contractor, or a qualified roofer under applicable regulations, prior to activities that may disturb it and disposed accordingly. If not scheduled for disturbance, the material may remain in place under an Operations & Maintenance program. Some regulations allow that the EPA Category I non-friable asbestos containing materials remain in place during demolition, provided that certain methods (wet demolition, NESHAP's notification) are followed. NV5 recommends that the client contact the local regulatory authority to determine whether this is an allowable option, and proceed accordingly.

The EPA's National Emissions Standards for Hazardous Airborne Pollutants (NESHAP) regulations are applicable for the emission of airborne particles containing asbestos if asbestos containing materials were identified or assumed.

**None of the other sampled materials were found to contain asbestos concentrations greater than one percent.**

If any unsampled, suspect asbestos-containing materials are identified during the course of demolition activities at the facility, these materials should be assumed to contain asbestos until and unless sampling and analysis documents otherwise. Please see the attachments of this report for an EPA generated list of suspect materials.

**Leaded Paint Assessment**

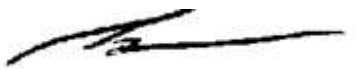
NV5 collected paint chip samples of six (6) painted surfaces from the interior of the residence. The results of the leaded paint assessment did not report detectable lead concentrations greater than 0.5 percent weight in any of the sampled painted surfaces.

If you should have any questions regarding this information, please do not hesitate to contact our office at (813) 571-9788.

Sincerely,

**NV5, Inc.**

Florida License – ZA-419



Steven A. Lipson, CIH, CSP, CIAQP, CAIQC, CIEC, FLAC  
Certified Industrial Hygienist #7658 CP  
Certified Safety Professional #14191  
Asbestos Consultant #AX-43

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Chains of Custody	
Licenses and Certifications	
Excerpt from U.S.E.P.A. Document 20 T-2003, July 1990 - "Sample List of Suspect Asbestos-Containing Materials"	

## 1.0 SUMMARY OF RESULTS

### Asbestos

*HSA	Sample Nos.	Sample Material - Location	PLM Analysis	Quantity ACM	**EPA CAT
1	01 – 03	White Ceiling Texture – Throughout	NAD		
2	04 – 06	White Wall Texture – Throughout	NAD		
3	07 – 08	Grey Fireplace Mortar – Front Room	NAD		
4	09 – 10	White Exterior Window Putty – Around Windows Throughout	NAD		
5	11 – 12	Black Asphalt Roof Shingles – Throughout Roof	NAD		
6	13 – 14	<b>Roofing Felt and Associated Mastic – Throughout Roof</b>	Felt – NAD M – 3% Chry	4,500 SF	NF – I
7	15 – 17	Drywall and Associated Joint Compound System – Throughout	NAD		

### TABLE LEGEND

\*HSA: Homogeneous Sampling Area (like materials)

PLM Analysis: T = Tile      M = Mastic      VFS = Vinyl Floor Sheeting  
 Chry = Chrysotile Asbestos  
 Amo = Amosite Asbestos  
 Crd = Crocidolite Asbestos  
 NAD = No Asbestos Detected

\*\* EPA Category: F = Friable  
 NF-I = Non Friable - Category I  
 NF-II = Non Friable - Category II

**Leaded Paint**

Location / Material	Color	Substrate	Condition	Lab Results (% weight)
Dining Room Window Sill	White	Wood	Good	<0.017
Front Room Baseboard	White	Wood	Good	<0.026
Hallway Wainscoting	White	Wood	Good	<0.026
Hallway Door Frame	White	Wood	Good	<0.014
Dining Room Chair Rail	White	Wood	Good	<0.028
Dining Room Wall	Red	Wallboard	Good	<0.016

LBP is defined by the Environmental Protection Agency (EPA) as paint or other surface coating with lead content equal to or greater than 0.5 percent weight (5,000 parts per million) by paint chip analysis. OSHA regulations also recognize a lead paint hazard where lead is detectable in lower concentrations.

**The results of the leaded paint assessment did not report detectable lead concentrations greater than 0.5 percent weight in any of the sampled painted surfaces.**

## 2.0 RECOMMENDATIONS

### Asbestos

HSA	Material Type	Material Location	*Recommendation
6	Black Mastic Associated with Roofing Felt	Throughout Roof	1, 3, 5

Legend:

1. Wet Demolition                      Demolition of building with non-friable materials in place, while providing constant misting of water during demolition activities.
2. Immediate Removal                Restrict access of personnel to affected areas and have the ACM removed as soon as possible by a licensed contractor. Additionally, conduct air monitoring to document levels of airborne asbestos fibers.
3. Removal                                Removal of the identified or presumed asbestos-containing materials from the facility. Removal should be performed by a licensed abatement contractor, or a qualified roofer under applicable regulations. Procedures should be generated by a licensed consultant, where applicable, with air monitoring performed during and after removal of materials.
4. Additional Analysis                Additional sample analysis, utilizing PLM "Point Counting" to confirm whether asbestos concentrations are >1%. Material that contains greater than one percent of any type of asbestos fibers is considered by the EPA and OSHA (29 CFR 1926.1101) as ACM and must be handled according to regulations. Friable materials which are visually estimated to contain one percent or less of asbestos fibers are required to be considered as ACM by the EPA, unless the "Point Counting" method of analysis and quantification is used to confirm the reported percentage of asbestos content.
5. O&M Program                        Materials may remain in place, with periodic surveillance, proper maintenance procedures and air monitoring provided that the material will not be impacted by renovation activities. Contact NV5 for assistance in the development of an appropriate O&M program.
6. Sample Analysis                      Sampling and laboratory analysis to determine asbestos concentrations. Material that contains greater than one percent of any type of asbestos fibers is considered by the EPA and OSHA (29 CFR 1926.1101) as ACM and must be handled according to regulations.
7. Enclosure                                With respect to vinyl flooring materials, an acceptable response alternative would include sealing the materials under a layer of new tile or carpet, in conjunction with an O&M program, provided that such installation will not require breaking, sanding, abrading or other such disturbance of the underlying asbestos materials.

\* Recommended response actions are not necessarily legal requirements, but are made in the interest of occupant and environmental safety, in general accordance with applicable regulations.

### Leaded Paint

The results of the leaded paint assessment did not report detectable lead concentrations greater than 0.5 percent weight in any of the sampled painted surfaces.

NV5 has no recommendations regarding sampled painted surfaces within the residence.

### 3.0 FACILITY DESCRIPTION:

Facility Name:	<b><u>Single Family Residence</u></b>
Address:	1000 Pinoak Lane Cantonment, Florida 32533
Current Use:	Single-Family Residence
Constructed:	2004
Size:	Approximately 3,300 Square Feet
Foundation:	Slab on Grade
Floors and Surfacing	Ceramic Tile and Carpet (No Suspect Materials)
Interior Walls Construction:	Wallboard Over Wood Frame
Interior Walls Surfacing:	Paint and Texture
Ceilings and Surfacing:	Wallboard and Texture
Exterior Walls Construction:	Wood
Exterior Walls Surfacing:	Brick
Roof:	Asphalt Shingles and Gable
HVAC:	Central

## 4.0 SAMPLING METHODOLOGY

### Asbestos:

Bulk samples were collected by a method in which small amounts of materials are collected, placed into individual containers and sealed. A chain of custody is prepared, and the samples are forwarded to an independent, NVLAP accredited laboratory for analysis. Samples were collected by EPA and AHERA accredited building inspectors utilizing sterile procedures. Collected samples were placed into individual labeled polyethylene bags and sealed for transport to the laboratory. A chain of custody was prepared by the Inspector(s), and the samples were forwarded to an accredited laboratory for analysis (see below).

Sampling methods were implemented in an attempt to minimize asbestos fiber release during sampling. It was not within the scope of this survey to remove surface materials to observe portions of the structure or materials which lay beneath the surface. Any conditions or materials which were not visibly apparent on the surface were not surveyed. Unsampld suspect materials should be assumed to contain asbestos until documented otherwise.

Samples were collected in accordance with the following protocol: two samples were collected from each Homogeneous Sampling Area (HSA) of suspect EPA Category I and II non-friable material; three samples were collected from each Homogeneous Sampling Area (HSA) of suspect friable material; and surfacing materials and thermal systems insulation (TSI) were sampled in general accordance with the AHERA protocol. Materials were identified as suspect for asbestos content based upon the attached suspect materials list, generated by the United States Environmental Protection Agency.

The results, findings and conclusions expressed in this report are based only on the conditions which were observed during our survey of the accessible areas of the facility. This report makes no representation or assumptions as to past conditions or future occurrences. **If any unsampled, suspect asbestos-containing materials are identified during the course of renovation activities these materials should be assumed to contain asbestos until and unless sampling and analysis document otherwise.**

Materials visibly and completely identifiable as non-asbestos (metal, rubber, wood, etc.) were not sampled. The selection of sample locations and frequency is based upon the project scope of services, the observations of the inspector, and the assumption that like materials in the same areas are homogeneous. **The quantities and locations of ACM listed in this report are approximations only. This report is not intended as a bidding document or as a removal specification.**

### Leaded Paint:

Paint chip samples were collected in general accordance with American Society for Testing and Materials (ASTM) E 1729-05 sub-section 7.4.2: A 2"x2" template was used to mark sample areas on painted surfaces. Paint was then scraped down to the substrate within the marked area and collected for analysis. For brick or concrete substrates, NV5 included the minimum amount needed to completely remove the paint from its substrate. On wood substrates, scraping in the direction of the wood grain was conducted in order to minimize inclusion of the substrate in the collected sample. One sample of each homogeneous surface was collected. Only materials specifically part of building structural construction were sampled; items such as shelving and gas pump surfaces were excluded.

## 5.0 ANALYTICAL METHODOLOGY

### **Asbestos:**

Collected samples were forwarded to Air Quality Environmental, Inc. (AQE), of Seminole, Florida for analysis by polarized light microscopy (PLM), coupled with dispersion staining analysis method USEPA 600/R-93/116. According to the laboratory, submitted samples were analyzed by PLM techniques in accordance with U.S. EPA Method 40 CFR Part 763, sub-part F, Appendix A, incorporating visual estimates of identified material percentages.

AQE is an independent laboratory which is NVLAP accredited to perform PLM analyses (NVLAP - # 200759-0).

### **Leaded Paint:**

Collected paint chip samples were forwarded to EMSL Analytical, Inc. (EMSL), of Orlando, Florida for analysis by flame atomic absorption spectrometry (AAS) in accordance with Method SW 846 3050B/7000B. EMSL is AIHA accredited (ELLAP #163563) to perform the requested analysis.

Our professional services have been performed and our findings obtained in accordance with customary principles and practices in the fields of industrial hygiene and engineering. This statement is in lieu of other statements either expressed or implied. NV5 is not responsible for the independent conclusions, opinions or recommendations made by others based on the observations and test data presented in this report.



1. General overview of the single-family residence.



2. View of HSA-1: White Ceiling Texture.



3. View of HSA-2: White Wall Texture.



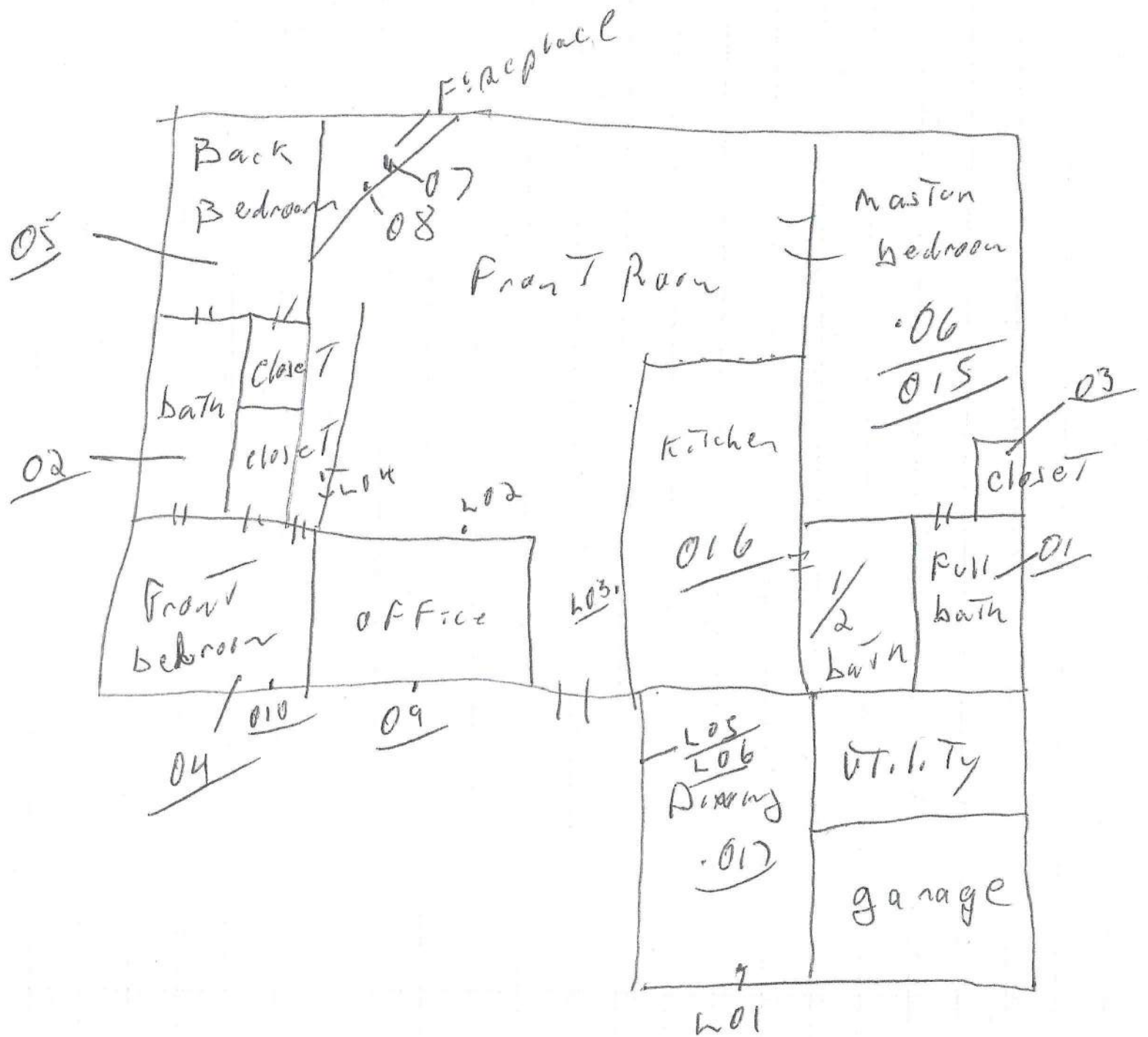
4. View of HSA-3: Grey Fireplace Mortar.



5. View of HSA-5 and HSA-6: Black Asphalt Roof Shingles, Felt, and Mastic.



6. View of HSA-7: Drywall and Associated Joint Compound System.





# Air Quality Environmental, Inc.

Laboratory Services

9325 Seminole Boulevard, Seminole, Florida 33772 (727) 398-0900 FAX (727) 398-0996

Client Name: NV5, Inc  
1713 South Kings Ave.  
Brandon, Florida 33511

Project Name: Cameron-Cole, LLC 19-20852  
1000 Pinoak Lane, Cantonment, FL  
Date Analyzed: August 30, 2019

Asbestos, Bulk Sample Analysis Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA Appx E to Subpart E of Part 763

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders
453666	1	Texture	white	NAD		100% Carbonates and Binders
453667	2	Texture	white	NAD		100% Carbonates and Binders
453668	3	Texture	white	NAD		100% Carbonates and Binders
453669	4	Texture	white	NAD		100% Carbonates and Binders
453670	5	Texture	white	NAD		100% Carbonates and Binders
453671	6	Texture	white	NAD		100% Carbonates and Binders
453672	7	Mortar	grey	NAD		100% Quartz and Binders
453673	8	Mortar	grey	NAD		100% Quartz and Binders
453674	9	Window Putty	white	NAD		100% Binders
453675	10	Window Putty	white	NAD		100% Binders
453676	11	Roofing Material	black shingle black mastic	NAD NAD	30% Glass Fibers	70% Bitumen, Quartz, Binders 100% Bitumen and Binders
453677	12	Roofing Material	black shingle black mastic	NAD NAD	30% Glass Fibers	70% Bitumen, Quartz, Binders 100% Bitumen and Binders
453678	13	Roofing Material	felt paper black mastic	NAD <b>3% Chrysotile</b>	40% Cellulose	60% Bitumen and Binders 97% Bitumen and Binders
453679	14	Roofing Material	Not Analyzed, Stop At First Positive			
453680	15	Drywall System	joint compound drywall mat drywall powder	NAD NAD NAD	100% Cellulose 5% Cellulose	100% Carbonates and Binders 95% Gypsum and Binders

†These samples were analyzed by layers. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than 1% asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials which are friable or may become friable, be further analyzed by point counting when the results indicate less than 10% asbestos by CVAE. Air Quality Environmental utilizes CVAE on a routine basis and does not include point counting unless specifically requested. Additionally, these results may not be reproduced except in full. This report data is to be interpreted only by the person (s) whom have collected the samples. Furthermore, this report may not be used as a claim to product certification, approval or endorsement by NVLAP, NIST or any other agency of the Federal Government.

†Floor Tile and other resinously bound materials, when analyzed by EPA method, may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. When a definitive result is required, AQE recommends utilizing alternative methods of identification, including Transmission Electron Microscopy.

Analyzed by:

Giancarlo Arambulo  
Microscopist

Lab File Number: 51764

NVLAP Lab Code 200759-0

Client Name: NV5, Inc  
1713 South Kings Ave.  
Brandon, Florida 33511

Project Name: Cameron-Cole, LLC 19-20852  
1000 Pinoak Lane, Cantonment, FL  
Date Analyzed: August 30, 2019

Asbestos, Bulk Sample Analysis Test Method: PLM / DS - EPA Method - 600/R-93/116 - EPA Appx E to Subpart E of Part 763

Lab #	Client #	Sample Type	Description	% Asbestos	% Other Fibers	% Binders
453681	16	Drywall System	joint compound	NAD		100% Carbonates and Binders
			drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	5% Cellulose	95% Gypsum and Binders
453682	17	Drywall System	joint compound	NAD		100% Carbonates and Binders
			drywall mat	NAD	100% Cellulose	
			drywall powder	NAD	5% Cellulose	95% Gypsum and Binders

†These samples were analyzed by layers. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than 1% asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials which are friable or may become friable, be further analyzed by point counting when the results indicate less than 10% asbestos by CVAE. Air Quality Environmental utilizes CVAE on a routine basis and does not include point counting unless specifically requested. Additionally, these results may not be reproduced except in full. This report data is to be interpreted only by the person (s) whom have collected the samples. Furthermore, this report may not be used as a claim to product certification, approval or endorsement by NVLAP, NIST or any other agency of the Federal Government.

†Floor Tile and other resinously bound materials, when analyzed by EPA method, may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. When a definitive result is required, AQE recommends utilizing alternative methods of identification, including Transmission Electron Microscopy.

Analyzed by:



Giancarlo Arambulo  
Microscopist

Lab File Number: 51764

NVLAP Lab Code 200759-0

NV5, Inc.  
1713 south kings avenue  
brandon, FL 33511

PLM - CHAIN OF CUSTODY

PI Job No. 51764

Email Results: Donna.Lipson@NV5.com

Client Cameron-Cole, LLC  
Project Single Family Residence  
Location 1000 Pinoak Lane, Cantonment, FL  
Surveyor James Kerr

Date: 28-Aug-19  
Project #: 19-20852

Page 1 of 2

Signature: \_\_\_\_\_

Homogeneous Sample Area	Sample Number	Sample Type	Sample Location/ Description (dimensions, color, etc)	Quantity	Condition SD D G	Disturb. Potential	Friable	Comments
1	01	Bulk	Ceiling Texture - Master Bath 3000sqft	FTG	G	L	Y	
1	02	"	" " Front Bedrm. Bath "	"	G	L	Y	
1	03	"	" " Master closet "	"	G	L	Y	
2	04	"	wall Texture Front Bedroom 7500sqft	FTG	G	L	Y	
2	05	"	" " Back bedroom "	"	G	L	Y	
2	06	"	" " Master Bedroom "	"	G	L	Y	
3	07	"	Placelace master	2cv. FT	G	L	N	
3	08	"	" "	"	G	L	N	
4	09	"	Extension - window p	77x120H.N. FT	G	L	N	
4	010	"	" " " "	"	G	L	N	
5	011	"	roof shingle	4500sqft	G	L	N	
5	012	"	" "	4500sqft	G	L	N	
6	013	"	roof Felt + mastic	"	G	L	N	
6	014	"	" " "	"	G	L	N	

Analysis: PLM / Stop at First Positive

Samples Relinquished By:

Printed Name

Signature

Date

Samples Shipped By: Fed Ex

Samples Received By:

Printed Name

Signature

Date

Turnaround:

XXXX

Standard

Next Day

Same Day

Immediate

RECEIVED

AUG 29 2019

BY: 12:55pm RB

453666-453682



**EMSL Analytical, Inc.**

3303 PARKWAY CENTER COURT, Orlando, FL 32808

Phone/Fax: (407) 599-5887 / (407) 599-9063

<http://www.EMSL.com>[orlandolab@emsl.com](mailto:orlandolab@emsl.com)

EMSL Order: 341913357

CustomerID: AIRQ22

CustomerPO:


ProjectID:

Attn: **Donna Lipson**  
**NV5, Inc.**  
**1713 South Kings Avenue**  
**Brandon, FL 33511**

Phone: (813) 571-9788  
Fax: (813) 571-9374  
Received: 08/29/19 9:50 AM  
Collected: 8/28/2019

Project: **19-20852 Single Family Residence 1000 Pinoak Lane, Cantonment, FL****Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)\***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight</i>	<i>Lead Concentration</i>
L01	341913357-0001	8/28/2019	8/29/2019	0.1147 g	<0.017 % wt
Site: Window Sill-Dining, White					
L02	341913357-0002	8/28/2019	8/29/2019	0.0767 g	<0.026 % wt
Site: Baseboard-Front Rm, White					
L03	341913357-0003	8/28/2019	8/29/2019	0.0771 g	<0.026 % wt
Site: Wainscoat-Wall, White					
L04	341913357-0004	8/28/2019	8/29/2019	0.1419 g	<0.014 % wt
Site: Door Frame-Hall, White					
L05	341913357-0005	8/28/2019	8/29/2019	0.0705 g	<0.028 % wt
Site: Chair Rail-Dining, White					
L06	341913357-0006	8/28/2019	8/29/2019	0.1269 g	<0.016 % wt
Site: Red Paint-Dining Only, Red					

  
Carlos Rivadeneyra, Laboratory Director  
or other approved signatory

\*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC--ELLAP Accredited #163563

Initial report from 08/31/2019 13:01:36

Client	Cameron-Cole, LLC
Project	Single Family Residence
Location	1000 Pinoak Lane, Cantonment, FL
Surveyor	James Kerr

Email results: Donna.Lipson@NV5.com "

Project No.: 19-20852

Signature: \_\_\_\_\_

[illegible]

James D. K... 8-28-19

Printed Name Signature Date

Samples Received By: \_\_\_\_\_  
Printed Name Date

**STATE OF LOUISIANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

certifies that

***James B Kerr***

Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of

**ASBESTOS INSPECTOR**

Accreditation No. 0I94921

AI No. 94921

Date of Issuance 4/2/2019

Expiration 2/15/2020

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.

Paul Bergeron

Permit Support Services Division  
Office of Environmental Services

# STATE OF LOUISIANA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

*James B Kerr*

Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of

Lead Inspector

Accreditation No. OI094921

AI No. 94921

Date of Issuance November 13, 2018

Expiration October 16, 2019

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.

Paul Bergeron

Public Participation & Permit Support Division  
Office of Environmental Services



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**ASBESTOS LICENSING UNIT**

THE ASBESTOS CONSULTANT HEREIN IS LICENSED UNDER THE  
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

**LIPSON, STEVEN ANDREW**

AIR QUALITY CONSULTING INC  
1713 SOUTH KINGS AVENUE  
BRANDON FL 33511

**LICENSE NUMBER: AX0000043**

**EXPIRATION DATE: NOVEMBER 30, 2020**

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**american board of industrial hygiene®**

**organized to improve the practice of industrial hygiene  
proclaims that**

*Steven A. Lipson*

**having met all requirements of  
education, experience and examination, and  
ongoing maintenance,  
is hereby certified in the**

**COMPREHENSIVE PRACTICE  
of  
INDUSTRIAL HYGIENE**

**and has the right to use the designations**

**CERTIFIED INDUSTRIAL HYGIENIST**

**CIH**

<b>Certificate Number</b>	<b>7658 CP</b>
<b>Awarded:</b>	<b>June 19, 1998</b>
<b>Expiration Date:</b>	<b>December 1, 2023</b>



  
Chair, ABIH

  
Chief Executive Officer, ABIH



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**ASBESTOS LICENSING UNIT**

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE  
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

**NV5, INC**

STEVEN ANDREW LIPSON  
200 SOUTH PARK ROAD, SUITE 350  
HOLLYWOOD FL 33021

**LICENSE NUMBER: ZA419**

**EXPIRATION DATE: NOVEMBER 30, 2019**

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United States Department of Commerce  
National Institute of Standards and Technology



---

**Certificate of Accreditation to ISO/IEC 17025:2005**

---

**NVLAP LAB CODE: 200759-0**

**Air Quality Environmental, Inc.**  
Seminole, FL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

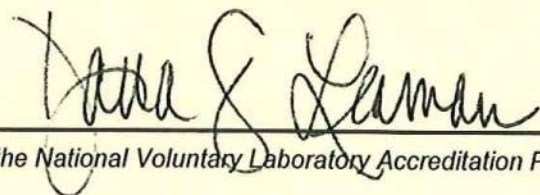
**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2019-07-01 through 2020-06-30

Effective Dates



---

For the National Voluntary Laboratory Accreditation Program



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **EMSL Analytical, Inc.**

3303 Parkway Center Court, Orlando, FL 32808

Laboratory ID: 163563

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### **LABORATORY ACCREDITATION PROGRAMS**

- ☐ **INDUSTRIAL HYGIENE**
- ☒ **ENVIRONMENTAL LEAD**
- ☒ **ENVIRONMENTAL MICROBIOLOGY**
- ☐ **FOOD**
- ☐ **UNIQUE SCOPES**

Accreditation Expires:

Accreditation Expires: January 01, 2020

Accreditation Expires: January 01, 2020

Accreditation Expires:

Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current Scope.

*William Walsh, CIH*  
Chairperson, Analytical Accreditation Board

*Cheryl O. Morton*  
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 15: 03/30/2016

Date Issued: 02/28/2018

## SAMPLE LIST OF SUSPECT ASBESTOS-CONTAINING MATERIALS

- \* Cement Pipes
- \* Cement Wallboard
- \* Cement Siding
- \* Asphalt Floor Tile
- \* Vinyl Floor Tile
- \* Vinyl Sheet Flooring
- \* Flooring Backing
- \* Construction Mastics (floor tile, carpet, ceiling tile, etc.)
- \* Acoustical Plaster
- \* Decorative Plaster
- \* Textured Paints/Coatings
- \* Ceiling Tiles and Lay-in Panels
- \* Spray-Applied Insulation
- \* Blown-in Insulation
- \* Fireproofing Materials
- \* Taping Compounds (thermal)
- \* Packing Materials (for wall/floor penetrations)
- \* High Temperature Gaskets
- \* Laboratory Hoods/Table Tops
- \* Laboratory Gloves
- \* Fire Blankets
- \* Fire Curtains
- \* Elevator Equipment Panels
- \* Elevator Brake Shoes
- \* HVAC Duct Insulation
- \* Boiler Insulation
- \* Breeching Insulation
- \* Ductwork Flexible Fabric Connections
- \* Cooling Towers
- \* Pipe Insulation (corrugated air-cell, block, etc)
- \* Heating and Electrical Ducts
- \* Electrical Panel Partitions
- \* Electrical Cloth
- \* Electrical Wiring Insulation
- \* Chalkboards
- \* Roofing Shingles
- \* Roofing Felt
- \* Base Flashing
- \* Thermal Paper Products
- \* Fire Doors
- \* Caulking/ Putties
- \* Adhesives
- \* Wallboard
- \* Joint Compounds
- \* Vinyl Wall Coverings
- \* Spackling Compounds

**Note:** This list does not include every product/material that may contain asbestos. It is intended as a general guide to show which types of materials may contain asbestos.

## **APPENDIX D**

### **FDEP COORDINATION REGARDING WASTE HANDLING**

## Vinson, Allen

---

**From:** Melton, Carol <Carol.Melton@dep.state.fl.us>  
**Sent:** Tuesday, October 1, 2019 9:48 AM  
**To:** Vinson, Allen  
**Subject:** Information concerning disposal of asbestos containing waste  
**Attachments:** Summary of Florida State and Federal Asbestos Renovation and Demolition Regulations 3.docx

Mr. Vinson,

This is a follow-up to our telephone conversation this morning. I appreciate your time spent complying with environmental regulations. As briefly discussed, the following provides information concerning disposal of waste containing asbestos from demolition and renovation projects.

### [Chapter 62-701, Florida Administrative Code \(F.A.C.\)](#)

#### **62-701.200 Definitions,**

(13) "Class I waste" means solid waste that is not hazardous waste, and that is not prohibited from disposal in a lined landfill under rule 62-701.300, F.A.C

(14) "Class III waste" means yard trash, construction and demolition debris, processed tires, asbestos, carpet, cardboard, paper, glass, plastic, furniture other than appliances, or other materials approved by the Department, that are not expected to produce leachate that poses a threat to public health or the environment.

(57) "Landfill" means a solid waste disposal facility, which is an area of land or an excavation where wastes are or have been placed for disposal, for which a permit, other than a general permit, is required by section 403.707, F.S. This term shall not include:

- (a) A land spreading site;
- (b) A surface impoundment;
- (c) An injection well defined under and subject to the provisions of chapter 62-528, F.A.C., or
- (d) A construction and demolition debris disposal site regulated by rule 62-701.730, F.A.C.

#### **62-701.520 Special Waste Handling.**

(3) Asbestos waste disposal.

(a) Asbestos-containing waste materials may be accepted for disposal at a permitted Class I or III landfill. Each active waste disposal site that receives asbestos-containing waste material from a source covered under the National Emission Standards for Asbestos, 40 C.F.R. Part 61, Subpart M, shall meet the requirements of 40 C.F.R. Part 61.154, which are incorporated by reference herein. For purposes of this rule, the term "Administrator," when used in 40 C.F.R. Part 61.154, shall mean Secretary of the Department of Environmental Protection.

(b) The waste generator shall make arrangements with the landfill operator before disposal of such regulated asbestos-containing waste materials, and inform the operator of the quantity of the waste and the scheduled date the shipment will arrive at the landfill.

(c) The landfill operator shall direct the waste transporter to the designated disposal location. The disposal location shall be recorded in accordance with 40 CFR Part 61.154, and a record of the asbestos location shall be maintained.

#### **62-701.730 Construction and Demolition Debris Disposal and Recycling.**

(19) Asbestos waste disposal. Asbestos-containing waste materials regulated pursuant to 40 C.F.R. Part 61, Subpart M, shall not be disposed of in a construction and demolition debris disposal unit.

Code of Federal Regulations (CFR)

[40 CFR 61.150](#) Standard for waste disposal for manufacturing, fabricating, demolition, renovation, and spraying operations.

For your convenience, attached above is a summary of Florida state and federal asbestos renovation and demolition regulations. Please let me know if you have any questions or need more information.

Thanks,



**Carol Melton**  
**Environmental Consultant**  
Florida Department of Environmental Protection  
Northwest District/Compliance Assurance  
Program  
Carol.Melton@FloridaDEP.gov  
Office: 850-595-0616  
Fax: 850-595-8097

### *Customer Service Survey*



<http://survey.dep.state.fl.us/>



## Summary of Florida State and Federal Asbestos Renovation and Demolition Regulations

Department regulations concerning asbestos are applicable to the renovation (maintenance) or demolition of commercial, industrial, institutional, facility components or public structures, buildings or installations. Homes that are demolished or renovated as part of a larger project or installation are also regulated. These regulations are listed in Chapter 62-257 Florida Administrative Code and Title 40, Code of Federal Regulations, Part 61, Subpart M (40 CFR 61, Subpart M, also known as the asbestos NESHAP).

The following was copied from our “Asbestos Frequently Asked Questions” website found at:

<https://floridadep.gov/air/permitting-compliance/content/asbestos-faq#regulation> .

“Are single-family private residences regulated by the Asbestos NESHAP?

Homes that are demolished or renovated as part of a larger project or installation are regulated by the Asbestos NESHAP. The demolition or renovation of multiple (more than one) small residential buildings on the same site by the same owner or operator (or owner or operator under common control) is covered by the Asbestos NESHAP. The definition of a facility, found in the Asbestos NESHAP, includes installation or group of buildings. If a house is part of an installation, then it would be part of a regulated facility.

Isolated single-family homes that have never been used for commercial purposes are exempt from the Asbestos NESHAP. The term "isolated" means not part of a larger project such as a road widening project or the construction of a new subdivision or not part of any group of buildings or structures at a single demolition or renovation site that are under the control of the same owner or operator (or owner or operator under common control). The definition of a facility, found in the Asbestos NESHAP, does not include an isolated residential house that has not been used as a business. However, if the residential house is part of a larger project, then it is not considered isolated and may be required to submit a notice and conduct a survey.

EPA’s clarification of the “residential exemption” from the asbestos NESHAP can be found at

<http://www.gpo.gov/fdsys/pkg/FR-1995-07-28/pdf/95-18620.pdf>.

Actions to be taken prior to commencing renovation or demolition (wrecking of load bearing structures) activities on a regulated facility include:

- ✓ A thorough inspection of the building or structure for the presence and types of asbestos containing materials before initiating renovation or demolition work. In Florida, a Florida Licensed Asbestos Consultant must conduct the inspection. The consultants are normally listed in the yellow pages of the phone book and may be listed on the internet. The Florida Department of Business and Professional Regulation licenses the consultants in Florida and provide an online search at <https://www.myfloridalicense.com/w111.asp?mode=0&SID=> .
- ✓ Written notification of any demolition (even if there is no asbestos in the structure), or renovation that could disturb threshold amounts of regulated asbestos containing material, to the Florida Department of Environmental Protection at least 10 working days before beginning work by completing and submitting the DEP Notice of Asbestos Renovation or Demolition. You can now submit your Notification of Demolition or Asbestos Renovation ONLINE. To submit your notification, or pay fees for a Notification of Demolition or Asbestos Renovation, you will need to log in to the Florida DEP Business Portal found at <http://www.fldepportal.com/go/submit-registration/> . An email transmittal is also acceptable as long as a copy of the original notification with signature included is saved in an Adobe Acrobat ( .pdf) file format, so it can’t be modified. Electronic copies of the notification form may be found on our website at: <https://floridadep.gov/air/permitting-compliance/forms/notice-demolition-or-asbestos-renovation> . The day the email is sent is comparable to the postmark and may be considered day 1 of the 10-working-day (weekends do not count) notification requirement. Notices emailed to [NWDAIR@dep.state.fl.us](mailto:NWDAIR@dep.state.fl.us) are received by the NWD Office in Pensacola and routed to the appropriate person for review.

- ✓ Removal of regulated asbestos containing materials, by a Florida licensed asbestos contractor (unless exempted by FS 469.002), before initiating work that could disturb the asbestos containing material. However, Florida Statute (FS) 469.002(2) provides, among other items, that licensure as an asbestos contractor is not required for the moving, removal, or disposal of asbestos-containing roofing material by a roofing contractor certified or registered under part I of chapter 489, if all such activities are performed under the direction of an onsite roofing supervisor trained as provided in s. 469.012. Furthermore, FS 469.002(3) provides, among other items, that licensure as an asbestos contractor or asbestos consultant is not required for the moving, removal, repair, maintenance, or disposal, or related inspections, of asbestos-containing resilient floor covering or its adhesive, if:
  - (a) The resilient floor covering is a Category I nonfriable material as defined in NESHAP and remains a Category I nonfriable material during removal activity.
  - (b) All such activities are performed in accordance with all applicable asbestos standards of the United States Occupational Safety and Health Administration under 29 C.F.R. part 1926.
  - (c) The removal is not subject to asbestos licensing or accreditation requirements under federal asbestos NESHAP regulations of the United States Environmental Protection Agency.
  - (d) Written notice of the time, place, and company performing the removal and certification that all conditions required under this subsection are met are provided to the Department of Business and Professional Regulation at least 3 days prior to such removal. The contractor removing such flooring materials is responsible for maintaining proof that all the conditions required under this subsection are met.

Other regulations may apply depending upon the presence and disturbance of asbestos. The asbestos regulations apply to the owner or operator of a demolition or renovation activity. The operator may include the property owner, property manager, consultant, general contractor or sub-contractor. Listed below are some website links that might be useful for understanding our Rules concerning renovations and demolitions.

**Exemptions listed in FS 469.002 may be found at**

[http://www.leg.state.fl.us/Statutes/index.cfm?App\\_mode=Display\\_Statute&Search\\_String=&URL=0400-0499/0469/Sections/0469.002.html](http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=0400-0499/0469/Sections/0469.002.html)

FS 469.003 (1) provides that no person may conduct an asbestos survey unless trained and licensed as an asbestos consultant. FS 469.004 (1) provides that all asbestos consultants must be licensed by the department. FS 469:

[http://www.leg.state.fl.us/Statutes/index.cfm?App\\_mode=Display\\_Statute&URL=Ch0469/titl0469.htm&StatuteYear=2007&Title=%2D%3E2007%2D%3EChapter%20469](http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=Ch0469/titl0469.htm&StatuteYear=2007&Title=%2D%3E2007%2D%3EChapter%20469)

62-257, Florida Administrative Code: <http://www.dep.state.fl.us/legal/Rules/air/62-257/62-257.pdf>

EPA Asbestos Website: <http://www.epa.gov/asbestos/>

EPA's clarification of the "residential exemption" from the asbestos NESHAP can be found at <http://www.gpo.gov/fdsys/pkg/FR-1995-07-28/pdf/95-18620.pdf>.

Information concerning products containing asbestos may be found at:

<http://www2.epa.gov/asbestos/asbestos-ban-and-phase-out-federal-register-notices>

**APPENDIX E**

**FEDERAL CONTRACT CONDITIONS**

## **Exhibit E**

### **FEDERAL CONTRACT CONDITIONS**

#### **PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARD**

##### **1.0 SUSPENSION AND DEBARMENT**

**1.1** This Agreement is a covered transaction for purposes of 2 C.F.R. Parts 180 and 3000. As such CONSULTANT is required to verify that none of CONSULTANT, its Principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. §180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935). By entering into this Agreement, CONSULTANT certifies that it is in compliance with 2 C.F.R. Parts 180 and 3000.

**1.2** CONSULTANT must comply with 2 C.F.R. Part 180, subpart C and 2 C.F.R. Part 3000, subpart C during the term of this Agreement and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

**1.3** The certification in paragraph 1.2 above is a material representation of fact relied upon by the Client. If it is later determined that CONSULTANT did not comply with 2 C.F.R. Part 180, subpart C and 2 C.F.R. Part 3000, subpart C, in addition to remedies available to the Client and, if applicable, the Territory of Puerto Rico, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

**1.4** CONSULTANT represents that (a) it has not been convicted of a criminal offense related to health care; (b) it is not currently listed by a federal agency as debarred or otherwise ineligible for participation in federally funded programs; and (c) it is not currently listed by the Territory of Puerto Rico, any political subdivision of the Territory of Puerto Rico or any public benefit corporation or public authority as debarred, excluded or otherwise ineligible to contract with such public entity. CONSULTANT shall promptly notify the Client, in writing, of any change in this representation during the term of the Agreement. Such change in circumstances shall constitute cause for which the Client may terminate the Agreement. For purposes of this section, CONSULTANT is defined as the entity entering into the Agreement, and/or its principals, employees, directors and officers and owners, provided, however, "CONSULTANT" for the purposes of this Section, shall not include persons owning publicly traded shares of CONSULTANT).

##### **2.0 DAVIS-BACON ACT**

**2.1** Compliance with the Davis-Bacon Act (40 U.S.C. §§ 3141-3148) is not

required of CONSULTANT pursuant to FEMA regulations. However, if this award is funded by another federal funding source (e.g., the U.S. Department of Housing and Urban Development CDBG or CDBG-DR programs), compliance with the Davis-Bacon Act is required to the extent required by law and as set forth in the Agreement documents.

### **3.0 RIGHTS TO INVENTIONS MADE UNDER AN AGREEMENT**

**3.1** The requirements in 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements" do not apply to the Public Assistance Program or the Hazard Mitigation Grant Program.

### **4.0 COPELAND "ANTI-KICKBACK" ACT**

**4.1** CONSULTANT shall comply with the provisions of the Copeland "Anti-Kickback" Act (18 U.S.C. § 874), 40 U.S.C. § 3145, and the requirements of 29 C.F.R. Part 3, as may be applicable.

**4.2** CONSULTANT and any subcontractors shall insert in any subcontracts the clause in paragraph 4.1 above. CONSULTANT shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these Agreement clauses.

**4.3** A breach of the Agreement clauses above may be grounds for termination of the Agreement, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

### **5.0 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

**5.1** CONSULTANT shall comply with the provisions of the Contract Work Hours and Safety Standards Act. The provisions of the Contract Work Hours and Safety Standards Act are applicable where the amount of the prime contract exceeds \$100,000.

**5.2** CONSULTANT or any subcontractor contracting for any part of the Agreement work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**5.3** In the event of any violation of the clause set forth in paragraph 5.2 of this section CONSULTANT and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, CONSULTANT and any subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph 5.2 of this section, in the sum of \$10 for each

calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 5.2 of this section.

**5.4** The Client shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by CONSULTANT or any subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 5.3 of this section.

**5.5** CONSULTANT or any subcontractor shall insert in any subcontracts the clauses set forth in paragraphs (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. CONSULTANT shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 5.2 through 5.3 of this section.

## **6.0 ACCESS TO RECORDS**

**6.1** CONSULTANT agrees to provide the Client, FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records which are directly pertinent to this Agreement for the purposes of making audits, examinations, excerpts, and transcriptions.

**6.2** CONSULTANT agrees to permit any of the foregoing parties to reproduce said documents by any means or to copy excerpts and transcriptions as reasonably needed.

**6.3** CONSULTANT agrees to provide the FEMA Administrator or his/her authorized representative access to construction or other work sites pertaining to the work being completed under the Agreement.

**6.4** CONSULTANT agrees to comply with the Omnibus Reconciliation Act of 1980 (P.L. 96-499) and its implementing regulations (42 CFR, Part 420). CONSULTANT specifically agrees that until the expiration of four (4) years after furnishing Services pursuant to the Agreement, CONSULTANT shall make available, upon written request of the Secretary of the Department of Health and Human Services, or upon request of the Comptroller General, or any of their duly authorized representatives, the Agreement and the books, documents and records of CONSULTANT that are necessary to verify the

nature and extent of the costs charged to the Client hereunder.

CONSULTANT further agrees that if CONSULTANT carries out any of the duties of the Agreement through a subcontract with a value or cost of ten thousand dollars (\$10,000) or more over a twelve (12) month period, with a related organization, such subcontract shall contain a clause to the effect that until the expiration of four (4) years after the furnishing of such services pursuant to such subcontract, the related organization shall make available, upon written request to the Secretary, or upon request to the Comptroller General, or any of their duly authorized representatives the subcontract, and books and documents and records of such organization that are necessary to verify the nature and extent of such costs.

## **7.0 LOGO**

**7.1** CONSULTANT shall not use DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA preapproval.

## **8.0 COMPLIANCE WITH THE LAW**

**8.1** CONSULTANT shall acknowledge that FEMA financial assistance will be used to fund the Agreement only and agrees to comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

## **9.0 FEDERAL GOVERNMENT NOT A PARTY**

**9.1** CONSULTANT acknowledges and understands that the Federal Government is not a party to this agreement and is not subject to any obligations or liabilities to the Client, CONSULTANT or any other party pertaining to any matter resulting from the Agreement.

## **10.0 FALSE CLAIMS**

**10.1** CONSULTANT acknowledges that 31 U.S.C. Chapter 38 applies to all actions pertaining to this Agreement.

## **11.0 ENVIRONMENTAL PROTECTION**

**11.1** CONSULTANT shall comply with all applicable standards, orders, or regulations issued under the Clean Air Act (42 U.S.C. § 7401-7671q), Federal Water Pollution Control Act (33 U.S.C. §§ 1251-1387) Section 508 of the Clean Water Act (33 U.S.C. § 1368), Executive Order 11738, and Environmental Protection Agency regulations (provisions of 40 CFR Part 50 and 2 CFR Part 1532 related to the Clean Air Act and Clean Water Act). Violations must be reported to the Federal Agency and the Regional Office of the Environmental Protection Agency (EPA).

## **12.0 ENERGY EFFICIENCY**

**12.1** CONSULTANT shall comply with mandatory standards and policies relating to energy efficiency in compliance with the Energy Policy Conservation Act (Pub. L. 94-163).

**13.0 BYRD ANTI-LOBBYING AMENDMENT (31 USC §1352)**

**13.1** CONSULTANT certifies that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any Federal agency, a member of Congress, officer or employee of Congress, or any employee of a member of Congress in connection with obtaining this Contract.

**13.2** CONSULTANT shall disclose to the Client any lobbying with non-Federal funds that took place in connection with obtaining this Agreement.

**14.0 REMEDIES FOR BREACH OF CONTRACT**

**14.1** If CONSULTANT violates or breaches any of the terms of the Agreement, the Client may avail itself of any or all of the remedies provided elsewhere in this Agreement.

**APPENDIX F**

**DEBARMENT FORM**

**(TO BE COMPLETED UPON CONTRACTOR SELECTION)**

## Attachment H

### **Certification Regarding Debarment, Suspension, Ineligibility And Voluntary Exclusion**

#### **Subcontractor Covered Transactions**

- (1) The prospective subcontractor, \_\_\_\_\_, of the Sub-Recipient certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the Sub-Recipient's subcontractor is unable to certify to the above statement, the prospective subcontractor shall attach an explanation to this form.

#### **SUBCONTRACTOR**

By: \_\_\_\_\_

Signature

\_\_\_\_\_  
Name and Title

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Date

**Escambia County BOCC**

\_\_\_\_\_  
Sub-Recipient's Name

**18HM-H4-01-27-01-394**

\_\_\_\_\_  
DEM Contract Number

**4177-29-R**

\_\_\_\_\_  
FEMA Project Number

**APPENDIX G**  
**ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS**  
**(INCORPORATED BY REFERENCE)**

[https://myescambia.com/docs/default-source/sharepoint-public-works/county-technical-specifications-w-fdot-lap-specs\\_05-17-17.pdf](https://myescambia.com/docs/default-source/sharepoint-public-works/county-technical-specifications-w-fdot-lap-specs_05-17-17.pdf)