SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE

GS# 102-292, STORM DAMAGE REPAIRS (PACKAGE A)
DELTA STATE UNIVERSITY
August 24, 2026

Addendum No. 2

This Addendum forms part of the Contract Documents for the above referenced project. All other requirements of the original Contract Documents shall remain in effect except as specifically modified in this Addendum. Bidder is to acknowledge receipt of this Addendum with their bid proposal. Failure to do so may subject the Bidder to disqualification. This Addendum is issued to all known Plan Holders.

1. **A Pre-Bid Meeting was held on August 14, 2026. See this addendum for resolution of questions that were asked, and other information discussed at this meeting. See the Pre-Bid Meeting Minutes, sign-in sheet and discussion points attached. See all requirements associated with bidding. The Pre-Bid minutes and discussion points are included in this addendum and are part of this addendum.**

Drawings and Specifications: The following General Notes shall apply to all drawings and specification sections:

2. **Additional roof samples were taken during the pre-bid site visit and were tested for asbestos. All of these samples (or any previous samples) tested negative for asbestos. An additional Asbestos Inspection Report is attached to this addendum with the laboratory report showing that all samples were negative for asbestos.**
3. **Fencing is required with wind screens around all active work or laydown areas. This fencing is required around all laydown areas and also around all access points that are used around the building. This fencing will now be 6-foot-tall chain link with full height black wind screens, weighted feet with sandbags (not 8' tall as indicated in the specifications).**
4. **See the attached diagram for the allowed laydown area requirements. The successful contractor is responsible for protecting all site features (utilities, grass, landscaping, trees, sidewalks, curbs, etc.) and all grass areas. Any damaged features & grass shall be repaired by the contractor. The contractor is responsible for contacting 811 to identify/protect all utilities. All disturbed areas of grass are to be leveled and seeded once the work is complete. All laydown/staging areas will be coordinated with the successful bidder during the regularly scheduled progress meetings.**
5. **A vapor barrier shall be installed on the north-east roof section of Caylor-White-Walters. The vapor barrier is to be installed on this one roof section only. This roof section is indicated on the attached ADD-2, DRAWING 6. Once the existing roofing is removed, the remaining deck is to be cleaned and otherwise prepared to receive the new torched down vapor barrier membrane. The vapor barrier is to be turned up the wall, the curb, the expansion joint, etc. at the perimeter of this roof section. The vapor barrier is also to turn up at the curb at the base of the mechanical penthouse.**

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6. **See the additional core information that was taken on site during the roof visits immediately after the pre-bid meeting (attached drawings ADD-2, DRAWINGS 1-5). This newly supplied information is to be used with the details, drawings and notes in the bid documents. Note that the insulation thicknesses that are provided with these roof cores will define the starting thicknesses and taper slopes. This new information shall replace and/or supplement any previously supplied information that it contradicts.**

   NOTE THAT THE FOLLOWING WILL NOW APPLY:

   a) **The starting thickness of tapered insulation on the Bologna Performing Arts Building (BPAC) shall now be 4" at the drains, with at 1/8" per foot taper.**
   b) **The north roof section of Jobe Hall shall have a starting thickness of 3 ½" at the drains, with a 1/8" per foot taper. The south roof section will remain the same as shown on the drawings.**
   c) **The starting thickness of all tapered insulation on Caylor-White-Walters shall be 2" at the drain, with a 1/8" per foot taper.**
   d) **The starting thickness of the tapered insulation on the lower (non-barrel vaulted) roof sections of the Whitfield Gymnasium/Delta Music Institute (DMI) shall be 4 ½" at the scuppers, with a ¼" per foot taper.**

Approval of a Manufacturer or product as an "equal" does not in any way alter the Contract Documents. Any approved manufacturer must accommodate construction details, required finishes, owner's specific requirements, adjacent materials, etc. Any additional materials or components required by the "approved equal" for proper installation for the given conditions are the responsibility of the Contractor. Approval of a Manufacturer also shall not cause an up-charge for the desired finish or limit the choices of finishes, colors, materials, etc. 8 ½

Contents: This addendum consists of **31 (8 ½"x11") sheets and 4 (11"x17") sheets.**

End of Addendum No. 2: GS# 102-292, STORM DAMAGE REPAIRS (PACKAGE A)

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OFFICE OF ARCHITECTURE

GS# 102-292, STORM DAMAGE REPAIRS (PACKAGE A)
DELTA STATE UNIVERSITY
PRE-BID MEETING: AUGUST 14, 2026 @ 9:00 AM

Project Contacts: Forrest Upchurch, Project Manager, DSU
Anna Boggan, Project Manager, Bureau of Buildings
Scott Comish, Project Manager, Shafer Zahner Zahner

Bid Date: **Thursday, August 27, 2026 at 2:00:00 p.m.** @ the Bureau of Building, Grounds and Real Property Management Office in Jackson, MS (see ***Advertisement For Bids, Section 00000*** for official information). Official Time is by the Bureau of Buildings.

- Electronic bidding is allowed (see Advertisement For Bids for RFx#).
- See issued addenda for any changes.

Current Bidders List: (See attached sign-in sheet for attendance)

Construction days: **365** days for project (see *Proposal Form*)
Notice to Proceed – by B.O.B. Must hold price per specifications.

Contract Administration: Architect's representative will be on site regularly and as needed.
BOB construction administrators will visit regularly.
DSU staff is on site.
Construction Progress Meetings are held monthly as required by Division 1.
Commissioning- no commissioning on this project.

Construction Access: **See attached Talking Points and Addendum #2**

Weekends, Sunday work, holidays, etc.: **Will weekend work be allowed? Holidays?**

Restricted "no work" days due to events: **Exam week, Graduation, Holidays, Football Games, Etc. will have some restricted days when work will not be allowed. These days will be coordinated with the successful bidder during the monthly progress meetings.**

Staging Areas/Fencing/Access and Construction Sign: **See attached Talking Points and Addendum #2**

Scope of work: A general discussion of the work. See discussion and/or site visit notes.

Bidding rules: Pay attention to *Instructions To Bidders* and Special Conditions
Bureau of Buildings is the owner- Contract is between BOB and Contractor.

Common mistakes: Certificate of Responsibility number on envelope. Acknowledge addenda. Fill out every item in the bid form…if it doesn't apply mark "N/A" or note otherwise.

Please send me any questions: the last addendum must be issued on August 24th

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OFFICE OF ARCHITECTURE

GS# 102-292, STORM DAMAGE REPAIRS (PACKAGE A)
DELTA STATE UNIVERSITY
PRE-BID MEETING: AUGUST 14, 2026 @ 9:00 AM

Discussion points:

Base Bid – The base bid work is described below. See drawings for a complete description.

Alternates: See Bid Form

- Add Alternate #1: BPAC upper roofs (the two uppermost roof areas).
- Add Alternate #2: Gibson Gunn new metal roof.
- Add Alternate #3: Repairs on the Fire Station roof.

Allowances: No Allowances

Unit Cost: See Bid Form. Note that there is 3,000 square feet of each to be "built in" to your bid.

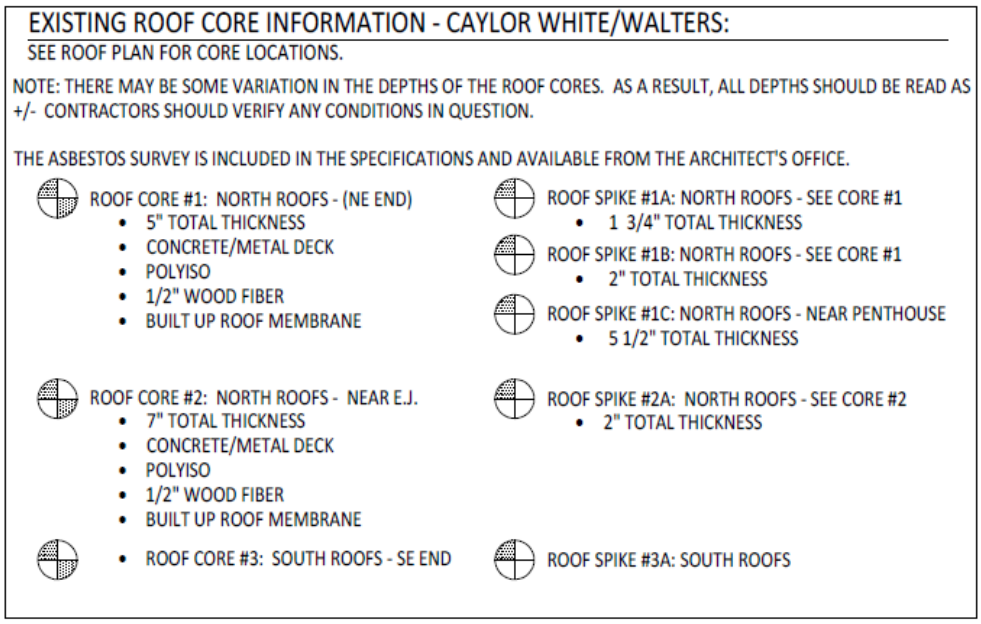
- Metal Decking
- Tectum Decking

- Buildings will (typically) be fully occupied or at least in use.
- Building must be weatherproof at all times. All areas are important, however Caylor-White-Walters and BPAC (for example) have some very expensive equipment and finishes.
- All interior and exterior finishes must be protected.
- Details were typically developed by using the original drawings when they existed, some variation may exist, however, the details are expected be similar to existing conditions.
- Meet all of the University parking requirements during construction.

Questions/Discussion Items:

- The University can assist in identifying any items/equipment that appear to be abandoned. Items such as penetrations, supports, etc. that are to be removed and roofed over prior to the beginning of the work.
- Job site sign is required.
- No field office is required.
- Port-a-Jon is required. No access through the building unless completely necessary.
- Fencing is required with wind screens around all active work or laydown areas. **6-foot-tall chain link with full height black wind screens, weighted feet with sandbags.**
- Liquidated Damages are **$250.00 per day.**
- Parking permits: **Parking Permits will be provided.**
- Objectional workmen: will be removed from the site and not be allowed to return.
- Do not interrupt utilities or the building access/egress without prior permission and notice from the university.
- Interior protection: no areas are specifically required by the owner. However, there are particularly nice finishes in some areas. There is also some exposed tectum in at least one area.
- Sealant in the joints of stone parapet coping.
- Maximize the size of all new scupper sleeves.

THIS CORE INFORMATION WAS INADVERTENTLY LEFT OFF OF THE DRAWINGS:



William H. Ziegel Music Center:

Replace the smaller flat roof section on the west side of the building with a TPO system (TPO membrane, insulation, flashings, etc.)

- **There is a coping condition on this roof that has both metal and exposed stone. We Install sealant in the joints of the stone.**
- **There is gypsum board at the top of the metal roof deck. This appears to be for fire rating purposes. Reinstall to match existing so that we do not alter the fire rating**

Blansett Hall - ***New Men's Residence Hall*:**

- **Coat the small entry roofs as indicated.**

Young Mauldin Dining Hall:

Replace the one broken skylight and tie-into the existing roof.

Henry L. Whitfield Hall - *Delta Music Institute:*

Replace all roof sections with a TPO system (TPO membrane, insulation, flashings, etc.) as indicated.

- **The decking is all indicated as being cast in place concrete or (on the barrel-vaulted roof) concrete planks.**

Cassity Hall:

Apply a coating to the existing Modified Bitumen roof surface.

- **Install new sealant in stone parapet coping cap.**

BPAC :

Replace all of the flat roof sections with TPO. The lower roof sections (I believe that they were defined as BR-1, 3, 4, 6, 7, 8, 11, 12) are base bid. The two upper roof sections (which I believe are defined as BR- 2 & 5 are add Alternate 1. Replacement would be with a new TPO system (TPO membrane, insulation, flashings, etc.)

- **Different roof decks/types are shown on the drawings.**

- **Not replacing smoke vents over the stage, repaint these vents (as part of the alternate for the upper roofs).**
- **Re-painting the existing roof hatches.**
- **New sealant in the joints of the stone coping caps (where they exist). Not addressing any sealant in brick control joints, etc.**
- **Leave the EPDM that extends out (on the roof side) of the stone parapet caps because it may act as through-wall flashing.**

Jobe Hall:

Full replacement of all Modified bitumen roof areas with a new TPO system (TPO membrane, insulation, flashings, etc.) The shingle mansard type roofs have been previously replaced and the TPO square roof section above has also been previously replaced per DSU… these previously replaced areas are not part of the project.

- **Two different deck types (Tectum and concrete)**
- **Sealant in stone parapet caps.**
- **Add metal coping on the side walls at the entries. These currently have parging.**

Caylor, White/Walters:

Full replacement of all roof sections except for the newer previously reroofed areas and the greenhouse area. These roof areas are primarily BUR, Built Up Roofs (bitumen membranes with asphalt and typically a pea gravel surface) and at least one Modified Bitumen roof section. All roof sections are to be replaced with a TPO system (TPO membrane, insulation, flashings, etc.) This building appears to have been built in stages and/or added onto.

- **It appears that mechanical equipment has been removed in several areas (some is still on the roof). The deck appears to have been infilled and roofed over. It is not clear how well this was done or if the deck was infilled properly. These areas are shown on the drawings for reference.**
- **There are multiple connection conditions between construction and additions.**

Gibson-Gunn Commercial Aviation: Alternate #2

The scope is to replace the standing seam metal roof and not the shingles on the rear of the building.

Hugh Cam Smith, Sr. Facilities Management:

Replace the 20 existing Skylights.

Campus Fire Station: Alternate #3

Repair the various random Modified Bitumen hail impacts. Also apply a fluid applied flashing along the west edge of the Modified Bitumen roof at the wall.

- **There were two reported leaks in the display area (north-east and north-west corners). However, there was no visible evidence (water stains, etc.) of a leak. The contractor water test these areas and DSU will determine a course of action.**

INFORMATION FROM ROOF CORERS THAT WERE TAKEN DURING THE SITE VISITS AFTER THE PRE-BID MEETING ON AUGUST 14TH.

THE FOLLOWING TWO CORE SAMPLES WERE TAKEN ON THE SOUTH ROOF OF THE BOLOGNA PERFORMING ARTS CENTER (BPAC) ROOF. THIS IS SHOWN AS ROOF AREA 'A'.

BPAC-A: 5 ½" THICK AT WALL
BPAC-B: 4" THICK AT DRAIN

THE FOLLOWING TWO CORES SAMPLES WERE TAKEN ON THE NORTH ROOF OF JOBE HALL.

JOBE-A: 5" THICK AT NORTH PARAPET WALL
JOBE-B: 3 ½" THICK AT DRAIN

THE FOLLOWING CORES WERE TAKEN ON CAYLOR-WHITE-WALTERS ON THE SOUTH AND MORE CENTRAL ROOF AREAS.

CWW-A: SOUTH-EAST ROOF SECTION
7" THICK IN RANDOM LOCATION. MOD BIT, POLY-ISO, RED ROSING PAPER, TECTUM

CWW-B: SOUTH-WEST ROOF SECTION
2" THICK AT DRAIN. MOD BIT, POLY-ISO, TECTUM (SMOOTH TOP TECTUM THAT ALMOST LOOKED LIKE A CONCRETE PLANK (MAY HAVE BEEN A SLURRY COAT OR AT JOINTS OF TECTUM)

CWW-C: NORTH END OF NARROW ROOF IN CENTER OF ROOF
4"+/- AT DRAIN (CONCRETE DECK)

CWW-D: NORTH END OF NARROW ROOF IN CENTER OF ROOF
5 ½" AT EXPANSION JOINT (CONCRET DECK)

THE FOLLOWING CORES WERE TAKEN ON THE WHITFIELD GYMNASIUM (D.M.I.) ON THE SOUTH-EAST UPPER ROOF AREA. (MOD. BIT., WOOD FIBER, POLY-ISO ¼" TAPER, CONCRETE)

WG/DMI-A: AT SCUPPER IN CORNER
4 ½" THICK AT LOWER END OF TAPERED INSULATION (1/4" TAPER)

WG/DMI-B: AT BASE OF LOWER WALL OF UPPER "BARREL VAULTED" ROOF
11" THICK AT HIGHER END OF TAPERED INSULATION (1/4" TAPER)

WG/DMI-C: ON UPPER "BARREL VAULTED" ROOF SECTION
4" FLAT INSULATION

SIGN IN SHEET

Bureau of Building, Grounds and Real Property Management

DATE: 8/14/2026 TIME: 9:00 a.m.			
MEETING FOR:	**GS: 102-292**	**PHASE: N/A**	**PROJECT NAME: Storm Damage Repairs (Package A) Delta State University**
REQUESTED BY:	☒ **BoB** ☒ **Professional** ☒ **Using Agency**		
PURPOSE OF MEETING:	**Pre-Bid Conference**		

NAME *(Please Print)*	COMPANY OR ORGANIZATION	WORK NO.	CELL NO.	EMAIL ADDRESS
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Robert McDaniel	DSU		6626721001	ramcdaniel@deltastate.edu
Bryant Steele	DSU			bsteele@deltastate.edu
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Ricky Bingham	Dixie Roof Inc	662-263-4443	662-310-6231	rickybingham@dixieroofing.net
Josh Bass	B Fair Plied, Inc.	901-366-1544	901-412-9241	josh@bfairplied.com
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CHUCK SMITH	MID-WESTERN COMM RFRS	601-260-0129	601-260-0129	CS51460@aol.com
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Cecil Barnett	DSU	662-588-8852	"	cbarnett@deltastate.edu

THIS REPORT IS FOR ADDITIONAL ROOFING SAMPLES THAT WERE TAKEN DURING THE PRE-BID MEETING

ASBESTOS INSPECTION REPORT

STORM DAMAGE REPAIRS (PACKAGE A)

ADDITIONAL SAMPLES

GS# 102-292

Delta State University

PREPARED BY:

SHAFER-ZAHNER-ZAHNER, PLLC
510 UNIVERSITY DRIVE
STARKVILLE, MS 39759

AUGUST 24, 2026

INSPECTION FOR ASBESTOS CONTAINING MATERIALS IN SELECT LOCATIONS

INTRODUCTION

This report presents the findings from an asbestos inspection performed at specific locations on the exterior of multiple roofs – on the campus of Delta State University that was inspected as determined by the scope of work of the "**Storm Damage Repairs"** project (a limited scope renovation project) This inspection was conducted on AUGUST 14, 2026; for the specific purpose of identifying and testing exterior materials that may contain asbestos that may be disturbed during specific construction activities. The primary focus of this inspection was to determine if asbestos containing materials exist in these materials before the construction activities. These samples were collected from visible and/or generally accessible homogeneous categories of suspect material for further analysis to determine the type and percentage of asbestos that might be present in any of the various building products.

Areas subject to this investigation were limited by the scope of work. That is to say, this was an overall investigation, but only of specific areas to be impacted by construction, to determine if any materials contain asbestos.

REGULATIONS AND STANDARDS

The U.S. Environmental Protection Agency's (EPA's) definition of asbestos containing material (ACM) is any material that contains more than one-percent asbestos by weight. The EPA further defines friable asbestos as ACM that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. Due to their nature, friable materials are considered to have a higher propensity to release fibers into the air than non-friable materials. However, non-friable materials can potentially become friable through deterioration, damage, disturbance, or improper removal.

The subjective approach followed in this survey excluded statistically random sample locations because effort was applied to specifically locate asbestos materials. Within a general area of suspect material the sample location can be considered random except for preference to accessibility. No demolition was performed to gain access to any materials that were not accessible.

Bulk samples collected during the inspection were analyzed for asbestos content at Crisp Analytical Laboratories, LLC, 12232 Industriplex Blvd., Suite 32, Baton Rouge, LA, 70809. Analysis was by the Polarized Light Microscopy (PLM) technique. This technique is the method recommended by the EPA for detecting the presence of asbestos in bulk samples.

HOMOGENEOUS AREAS

The following (see attached list) homogeneous areas were suspected of being an asbestos containing material. (The EPA defines a "homogeneous area" as an area that is uniform in texture, color, and appears to be identical in every other respect). Each homogeneous area was sampled in accordance with EPA's current AHERA guidelines.

ASBESTOS SURVEY METHOD

Step 1: Walk-through and thorough inspection all readily accessible areas (as defined by the scope of the work to be performed) for the purpose of locating and documenting suspect accessible asbestos-containing materials, which may be impacted by any construction, renovation or demolition project.

Step 2: The development and execution of a valid sampling protocol for all suspect materials. In most cases, three samples were collected for Bulk Sample Analysis as determined by the established sampling protocol.

Step 3: Properly collect, handle, document and deliver samples of suspect material to a laboratory for analysis.

Step 4: Analysis of the bulk samples obtained using Polarized Light Microscopy (PLM). The results of the laboratory analysis of all samples can be found attached to this report.

Step 5: preparation of a logical, comprehensive and analytical report including the following:

-General information regarding procedures and definitions
-Data gathered in the site assessment
-Laboratory information indicating the presence, percentage and type of asbestos contained in samples.
-Summary of ACM results identifying location and description of ACM.

ASBESTOS SURVEY RESULTS

The results from the laboratory analysis of bulk sample material collected during the inspection(s) of AUGUST 14, 2026, are as follows:

SAMPLE	MATERIAL DESCRIPTION	SAMPLE LOCATION	ASBESTOS PRESENT

MATERIALS FOUND TO CONTAIN ASBESTOS

All	Roofing	Roof	**NONE**

NO ASBESTOS WAS DETECTED IN ANY SAMPLES THAT WERE ANALYZED

CONCLUSION

Based on the on-site inspection and examination of sampling test results, it is concluded that asbestos containing materials **were not found** in the samples taken of this structure that were surveyed.

All further renovation or demolition must comply with all applicable State and Federal regulations. Demolition or renovation of/in this building may require written notification to the Mississippi Department of Environmental Quality. A copy of the current notification form is attached to this report. Other reporting requirements may also apply.

Specific regulations applicable to this work include OSHA 29 CFR 1926.1101 and 40 CFR Parts 61.145 and 61.150. Federal EPA asbestos regulations are administered and enforced locally by the Mississippi Department of Environmental Quality (MDEQ).

Limitation of Survey

The process of renovation and demolition of structural components can sometimes reveal hidden suspect materials and/or other conditions unknown at the time of the original inspection. This was a survey of visible and accessible materials. No destructive sampling or demolition of building components was performed.

Should any other hidden, suspect materials be discovered during future construction or demolition, which were not visible and tested as part of this survey, the inspector should be notified at once for further consultation.

Scott Comish

Scott Comish Date AUGUST 24, 2026

Shafer-Zahner-Zahner

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
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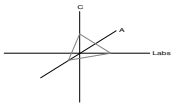

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Shafer & Associates
510 University Drive
Starkville, MS 39759

Attn: Scott Comish
Customer Project: DSU Storm Damage
Reference #: CBR26086021 Date: 8/18/2026

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found be PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines .Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

CA Labs
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Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project: DSU Storm Damage **CA Labs Project #:** CBR26086021

Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types

No Asbestos Detected.

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastinite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: **Attn:** Scott Comish
Shafer & Associates
510 University Drive
Starkville, MS 39759

Phone # 662-323-1628
Fax # 662-324-8239

Customer Project: DSU Storm Damage

Turnaround Time: 24 hr

CA Labs Project #: CBR26086021

Date: 8/18/2026
Samples Received: 8/17/2026
Date Of Sampling: 8/14/2026
Purchase Order #:

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1		*1-1*	*Black Felt and Tar*	*N*	***None Detected***	30% fg	70% qu, ma, bi
2		*2-1*	*Black Felt and Tar*	*N*	***None Detected***	30% fg	70% qu, ma, bi
3		*3-1*	*Tan Insulation*	*Y*	***None Detected***	40% ce	60% pe
4		*4-1*	*Tan Insulation*	*Y*	***None Detected***	40% ce	60% pe
5		*5-1*	*Yellow Foam Insulation*	*Y*	***None Detected***		100% ot
6		*6-1*	*Yellow Foam Insulation*	*Y*	***None Detected***		100% ot
7		*7-1*	*Black Felt and Tar*	*N*	***None Detected***	30% fg	70% qu, ma, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot -other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages effecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze
6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA Labs
Dedicated to Quality

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: **Attn:** Scott Comish
Shafer & Associates
510 University Drive
Starkville, MS 39759

Phone # 662-323-1628
Fax # 662-324-8239

Customer Project: DSU Storm Damage

Turnaround Time: 24 hr

CA Labs Project #: CBR26086021

Date: 8/18/2026
Samples Received: 8/17/2026
Date Of Sampling: 8/14/2026
Purchase Order #:

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
8		*8-1*	*Black Felt and Tar*	*N*	***None Detected***	30% fg	70% qu, ma, bi
9		*9-1*	*Yellow Foam Insulation*	*Y*	***None Detected***		100% ot
10		*10-1*	*Yellow Foam Insulation*	*Y*	***None Detected***		100% ot
11		*11-1*	*Tan Paneling*	*Y*	***None Detected***	20% ce	80% qu, ma, ca
12		*12-1*	*Tan Paneling*	*Y*	***None Detected***	20% ce	80% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot -other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Zo Andriampenomanana
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

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8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA Labs

C.A. Labs, LLC.
11800 Industriplex
Suite 5
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
Mobile: 225-337-4927

Chain of Custody

Client Name:	Shafer & Assoicates	CA Labs job #	CBR 26086021
Client Address:	510 University Drive Starkville, MS. 39759	Billing Address: (if different)	SAME
phone number:	(662) 323-1628		
fax number:	(662) 324-8239	Send Reports to:	SCOTT COMISH
Project Number:		Project Name:	DSH STORM DAMAGE

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix:
12	12	Air / (Bulk) / Water

Asbestos: *please call ahead for availability of all rush and/or after hours samples.*

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
Circle analysis and TA time		*Circle analysis and TA time*	*2 hour*	Allergen Particle:	*2 hour*
AHERA	*4 hour*	Improved	4 hour	tape/bulk/swab	4 hour
EPA Level II	8 hour	Interim	8 hour	Cyclex-d cassettes	8 hour
Drinking Water	16 hour		16 hour	Air-o-cell cassettes	16 hour
Wipe	24 hour	AHERA	(24 hour)	Anderson cultures	24 hour
Micro-vac	2 days		2 days	Bulk/swab cultures	2 days
NIOSH 7402	3 days	Point Count -	3 days	Bacteria cultures	3 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	PCM: NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	*8 hour*	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)

Custody Information:

Samples relinquished: _____ Signature / Date / Time — Aug 14 '26 2:30pm

Samples received: _____ Signature / Date / Time — 9:10 8-17-2026

Samples relinquished: _____ Signature / Date / Time

Samples received: _____ Signature / Date / Time

D.D. LI. 7102

ASBESTOS SAMPLE INFORMATION AND CHAIN OF CUSTODY: CBR26086021

Sample Number	Sample Location	Sample Date/Time	Sample Vol.
1	MOD BIT MEMBRANE	FTR ALLEY	
2	" "		
3	PERIMETER LOWER BOARD	14TH. ID 69 AV	
4	" "		
5	PACKED INSULATION		
6	" "		
7	MOD. BIT MEMBRANE		
8	" "		
9	POLY ISO - INSULATION		
10	" "		
11	TECTUM DECKING		
12	" "		

Aug 14. 26
2:30P

9:10
8-14-2026

CUSTODY INFORMATION:

SAMPLES RELINQUISHED: _____ SAMPLES RECEIVED: _____
(Signature/ Date/ Time) (Signature/ Date/ Time)

SAMPLES RELINQUISHED: _____ SAMPLES RECEIVED: _____
(Signature/ Date/ Time) (Signature/ Date/ Time)

State of Mississippi

TATE REEVES
Governor

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHRIS WELLS, EXECUTIVE DIRECTOR

July 8, 2026

Scott Comish
Shafer-Zahner-Zahner, PLLC
510 University Drive
Starkville, Mississippi 39759

Dear Scott Comish:

Re: Certificate Of Licensure
Asbestos Inspector Certification

Enclosed please find the certificate issued to you by the Commission on Environmental Quality for the asbestos abatement category referenced above.

Your certification will expire as referenced on the face of the certificate. During the year of valid certification you should ensure that required refresher training is completed and proof of completion of this training is obtained for submittal when renewal of certification is sought.

Any inquiries regarding this certificate should reference your name, certification number, and category of certification. If you have any questions or if we can be of service, please contact us.

Sincerely,

Greg Mallery, P.E., Chief
Asbestos & Lead Branch

Enclosure

40829 LIC20260001

State of Mississippi

Department of Environmental Quality

Office of Pollution Control

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Scott Comish

Having submitted acceptable evidence of qualifications and
training and other appropriate information, is hereby granted this

Asbestos Inspector

Certification

Certificate No.: ABI-00006892
Expiration Date: Jun 9th, 2027
Training Expires on Jun 9th, 2027

Chief, Asbestos & Lead Branch

40829 LIC20260001

CERTIFICATE OF COMPLETION

Center for Continuing Education

Scott Comish

XXX-XX-9870

has attended and satisfactorily completed course exam with a passing score of 70% or better

Asbestos Inspection & Assessment Refresher

Accreditation

MISSISSIPPI STATE UNIVERSITY™

CONTINUING EDUCATION

ASBR-04-060926-03	Robert Noah	Amber Shultice
Certificate Number	Course Instructor	Program Director
06/09/27	06/09/26	06/09/26
Expiration Date	Examination Date	Course Date(s)

MDEQ Accredited Training Provider

P.O. Box 5441 ■ Mississippi State, MS 39762-9639 ■ 662.325.5002 ■ FAX 662.325.2657

M1903

MISSISSIPPI ASBESTOS DEMOLITION/RENOVATION NOTIFICATION FORM

Mail notification to: MDEQ Asbestos and Lead Branch, 515 E. Amite Street, Jackson, MS 39201

MDEQ Use Only: ☐Email ☐Mail ☐Hand Delivery	Postmark (mail only)	Date Received	AI Number

I. Type of Notification (O=Original R=Revised C=Canceled A= Annual):

II. TYPE OF OPERATION (D=Demo O= Ordered Demo R=Renovation E=Emer. Renovation):

III. FACILITY DESCRIPTION (Include building name, number and floor or room number):

Bldg. Name:

Address:

City:	State:	Zip:
Site Location:		Tel:
Building Size:	# of Floors:	Age in Years:
Present Use:	Prior Use:	

IV. FACILITY INFORMATION (Identify owner, asbestos removal contractor, and other operator)

OWNER NAME:

Address:

City:	State:	Zip:
Contact:		Tel:

ASBESTOS REMOVAL CONTRACTOR:

Address:

City:	State:	Zip:
Contact:		Tel:
Certification Number:	Expiration Date:	

OTHER OPERATOR:

Address:

City:	State:	Zip:
Contact:		Tel:

V. WAS SITE INSPECTED TO DETERMINE PRESENCE OF ASBESTOS? (Yes/No):

WAS ASBESTOS PRESENT? (Yes/No):	Inspection Date:	
Inspector:	Certification Number:	Expiration Date:

VI. SUSPECT MATERIALS SAMPLED AND PROCEDURES USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:

VII. QUANTITY OF RACM TO BE REMOVED:

Pipes (LN FT):	Surface Area (SQ FT):	Volume of Facility Components (CU FT):

VIII. QUANTITY OF NONFRIABLE ASBESTOS NOT REMOVED:

Category I:	Category II:

IX. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: Complete:

X. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) Start: Complete:

XI. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

XII. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE:

XIII. WASTE TRANSPORTER #1

Name:

Address:

City:	State:	Zip:
Contact Person:		Tel:

WASTE TRANSPORTER #2

Name:

Address:

City:	State:	Zip:
Contact Person:		Tel:

XIV. WASTE DISPOSAL SITE

Name:

Address:

City:	State:	Zip:
Contact Person:		Tel:

XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:

Name:	Title:

Authority:

Date of Order (MM/DD/YY):	Date Ordered to Begin (MM/DD/YY):

XVI. FOR EMERGENCY RENOVATIONS:

Date and Hour of Emergency (MM/DD/YY):

Description of the sudden unexpected event:

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:

XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASTESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER:

XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ONSITE DURING THE DEMOLITION OR RENOVATION, AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Type or Print Name	(Signature of Owner/Operator)	(Date)

XIX. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT:

Type or Print Name	(Signature of Owner/Operator)	(Date)

Mississippi Department of Environmental Quality
515 E. Amite Street
Jackson, MS 39201

February 2022

Instructions for Demolition and Renovation Form:

Top of form. Please use the above address to mail or hand deliver notifications to MDEQ.

The red columns are intended for MDEQ use only.

Section I. Select from the choices provided.

Section II. Select from the choices provided.

Section III. An entry is needed for each listed item. The information for each item is a requirement of the regulations.

Section IV. Identify the responsible owner, removal contractor, and other operator (if applicable) and give complete address and contact information for each. The asbestos removal contractor must operate under a valid certification license from MDEQ and all others performing asbestos abatement activity must have the appropriate asbestos abatement certification.

Section V. Select from the choices provided and identify the asbestos material found. Note: The determination of the presence of asbestos requires a thorough inspection of the facility subject to the demolition or renovation operation and the individual performing this inspection must have MDEQ asbestos abatement *Inspector* certification.

Section VI. Identify every material suspected/tested for asbestos and the test methodology.

Section VII. Provide the approximate amount of friable asbestos material to be removed. This includes non-friable Category I material that has become friable or Category I material that will or has been subjected sanding, grinding, cutting, or abrading. It also includes Category II non-friable material 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.

Section VIII. Use these columns <u>only for Demolition operations</u> where Category I and/or Category II material will be left in place. Enter for each type of material the approximate amount to <u>not</u> be removed in advance of the demolition operation.

Section IX. Provide the dates for both the actual start and expected completion of asbestos removal. Changes in these dates should be reported in a "Revised" notification to MDEQ.

Section X. Provide the dates for both the actual start and expected completion of the demolition and/or renovation operation or project. Changes in these dates should be reported in a "Revised" notification to MDEQ.

Section XI. Tell of what is to be undertaken and why or how. For example, the removal of asbestos material to avoid any demolition or renovation disturbance of the material.

Section XII. Use this space to identify emission control procedures to be employed to satisfy the requirements of the regulation. For example, note emission control procedures/methods to be employed or used (adequate wetting, ploy containment, negative air, waste bagging/labeling, glove bags, etc.).

Section XIII. Identify the responsible waste transporter(s) and give complete contact information for each.

Section XIV. Identify the waste disposal site to be used and give complete contact information. Asbestos waste must be deposited at a landfill waste disposal facility that is approved or permitted to receive asbestos waste. Permitted asbestos waste disposal sites in the State of Mississippi may be found on the MDEQ web site.

Section XV. Each item listed for an *Ordered Demolition* must be answered to satisfy the requirements of the regulation.

Section XVI. Each item listed for *Emergency Renovations* must be answered to satisfy the requirements of the regulations.

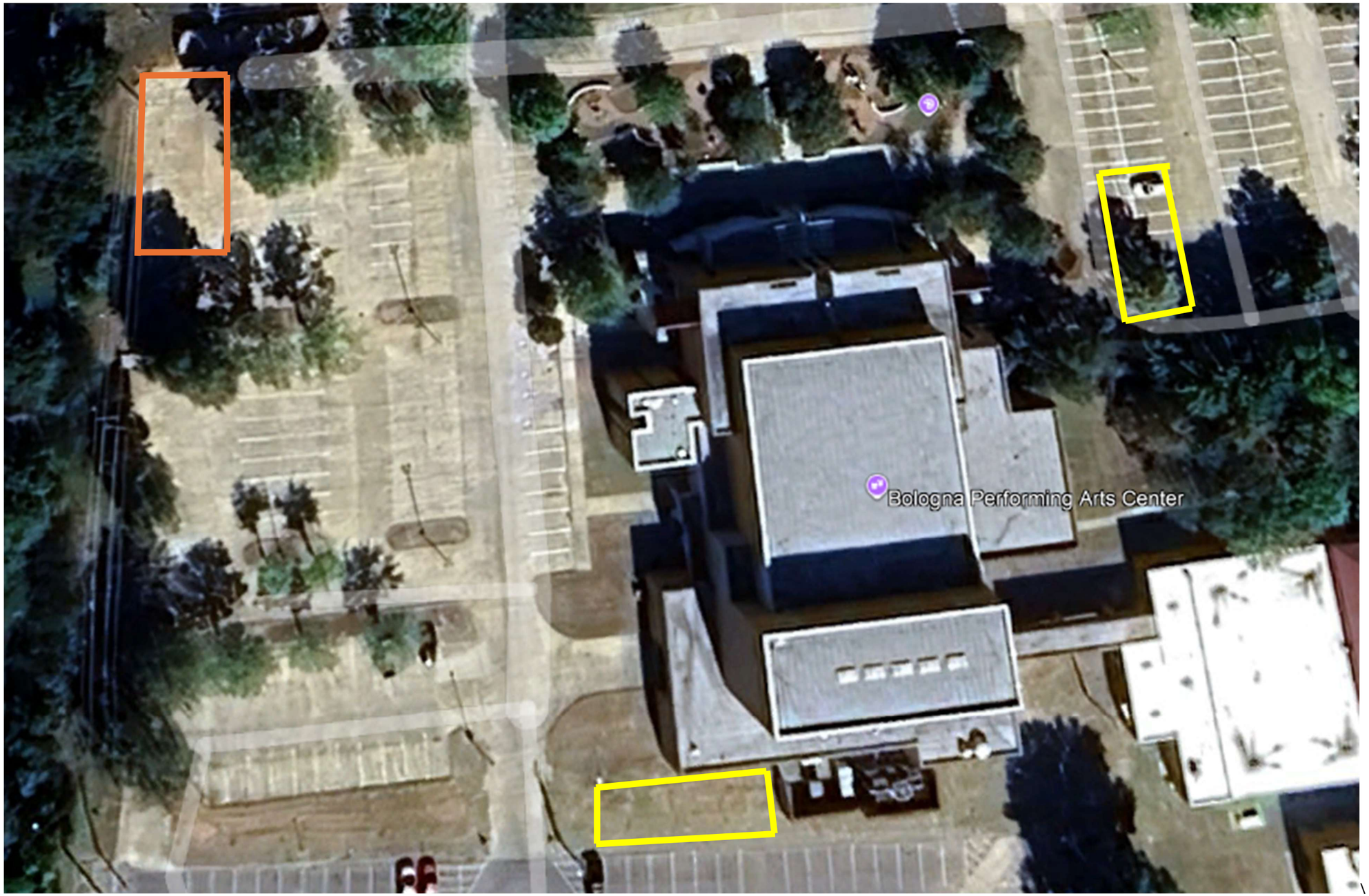
Section XVII. In the event of unexpected asbestos being discovered during the performance of a demolition or renovation operation, immediate steps should be taken to bring operations into compliance with the regulations. This may require operations to be halted and conditions secured, and discussions with MDEQ for the proper course of action.

Signatures. The notification should be signed (both certifications) by the owner and/or operator in control of the regulated activity, or that person's authorized representative. Please include the typed or printed name with each signature.

Submission. Project notifications should be mailed or delivered to:

MDEQ Asbestos and Lead Branch
515 E. Amite Street
Jackson, MS 39201

THE CONTRACTOR WILL BE ALLOWED TO PLACE A DUMPSTER, PARK, LAYDOWN MATERIALS, ETC. IN THE AREA INDICATED IN ORANGE IN THE DIAGRAM(S) BELOW. THIS LAYDOWN AREA IS TO BE ENCLOSED WITH CONSTRUCTION FENCING TO KEEP PEDESTRIANS FROM ENTERING THE SITE AND TO PROTECT THE PUBLIC IN GENERAL. ALL ACCESS AND EGRESS FROM THE BUILDINGS MUST BE MAINTANED AT ALL TIMES UNLESS SPECIFIC PERMISSION IS GRANTED. ALL ROADWAYS AND DRIVING LANES MUST REMAIN OPEN UNLESS THE CONTRACTOR HAS OBTAINED PRIOR PERMISSION. THE CONTRACTOR IS TO IDENTIFY, PROTECT AND REPAIR ANY DAMAGE TO SIDEWALKS, SOD, TREES, UTILITIES, IRRIGATION, LIGHTS, DRIVES/CURBS, ETC. THE YELLOW AREA INDICTES GENERAL AREAS THAT THE UNIVERSITY MAY ALLOW FOR ROOF ACCESS DURING SPECIFIC TIMES THAT WORK IS BEING PERFORMED ON THE SPECIFIC ADJACENT ROOF AREAS. THE AREAS SHOWN ARE TO BE ENCLOSED BY CONSTRUCTION FENCING THAT IS 6-FOOT-TALL CHAIN LINK WITH FULL HEIGHT BLACK WIND SCREENS, WEIGHTED FEET WITH SANDBAGS.



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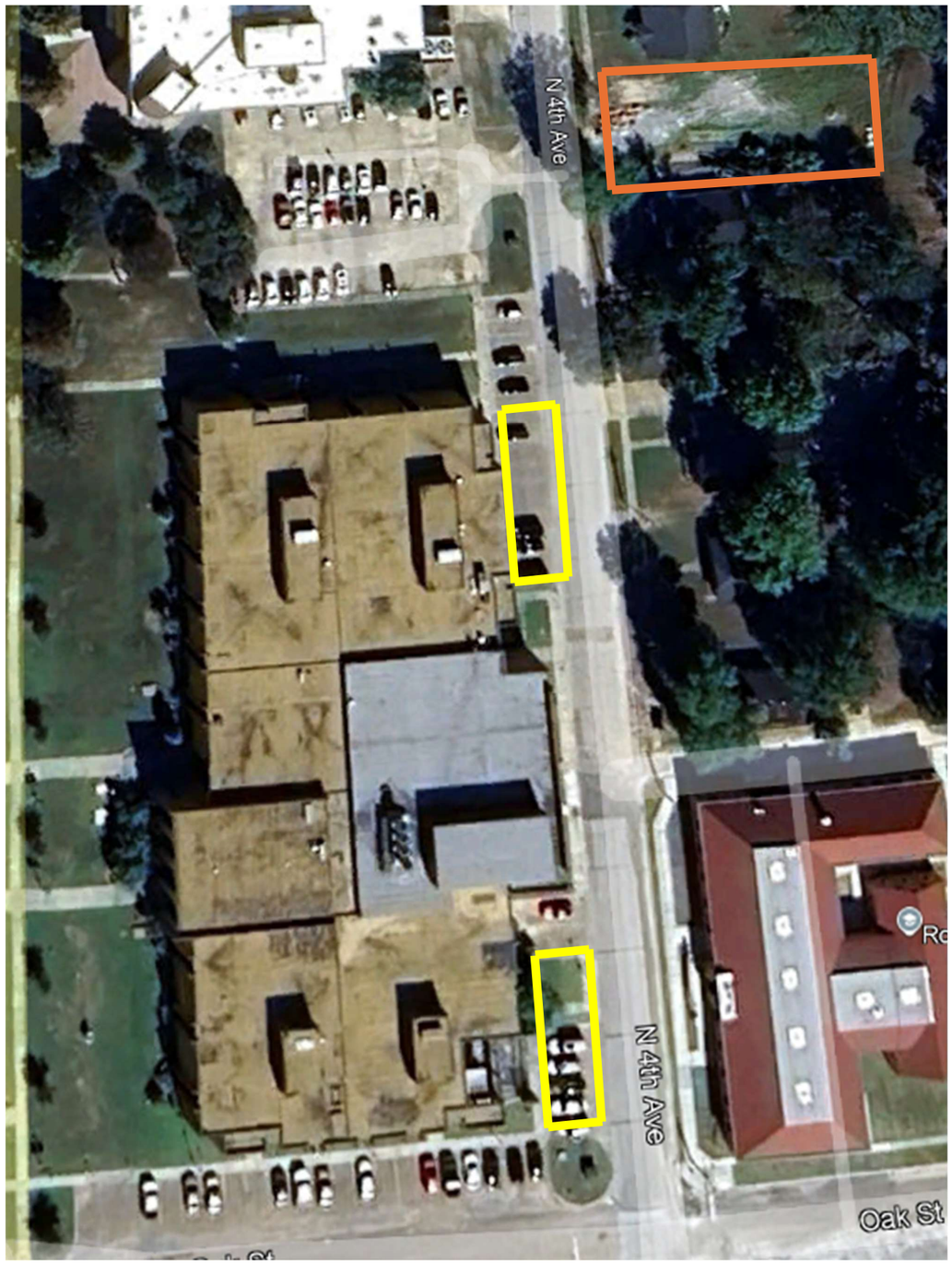
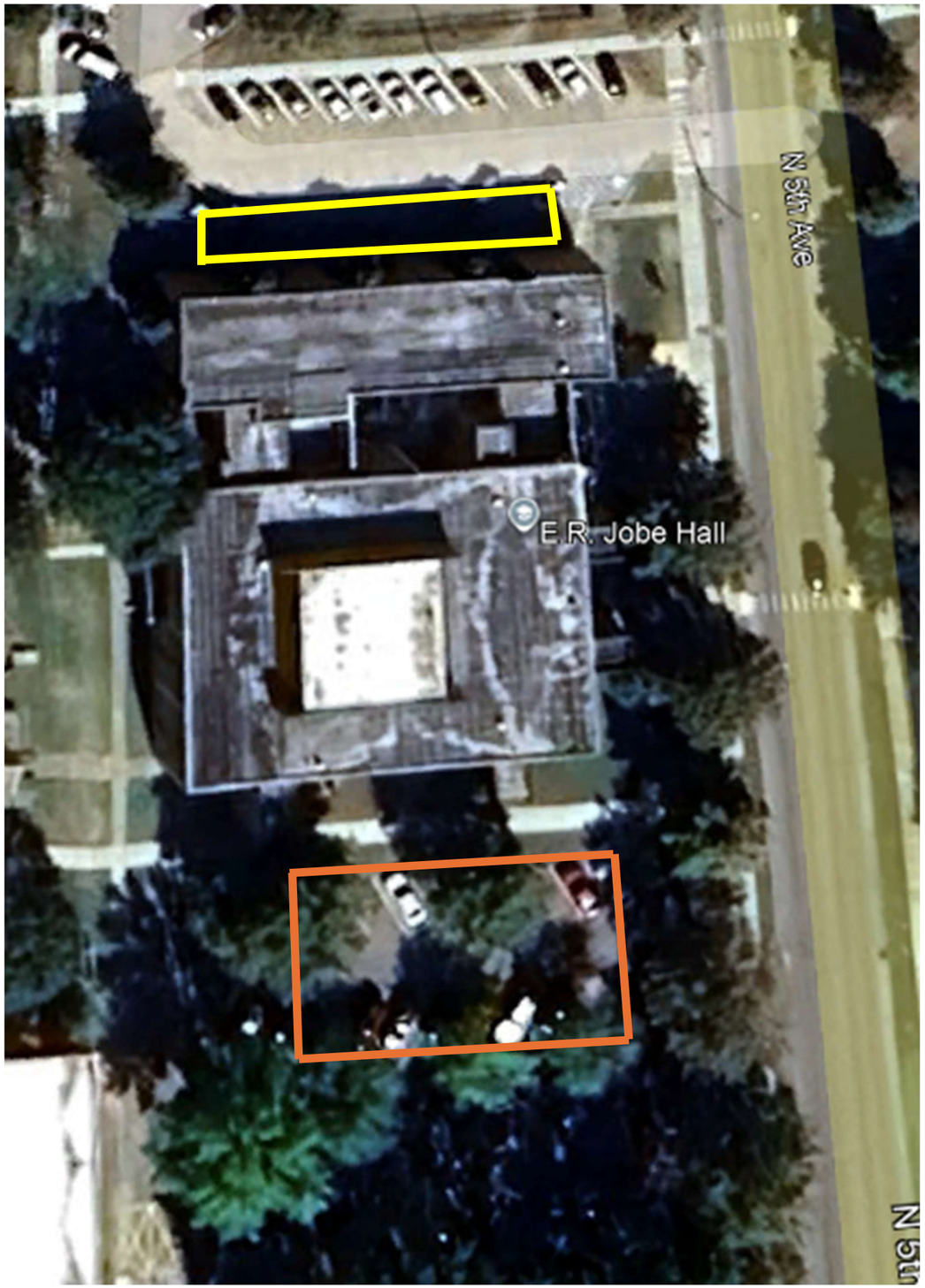
BOLOGNAL PERFORMING ARTS CENTER (BPAC)



CAYLOR-WHITE-WALTERS

NOTE: NORTH AND SOUTH AREAS THAT ARE ADJACENT TO THE BUIDING ARE NOT TO BE USED CONCURRENTLY. THE LAY-DOWN LOT (EAST OF 4TH AVENUE) CAN BE USED AT ALL TIMES



JOBE HALL

WHITFIELD GYMNASIUM/DELTA MUSIC INSTITUTE (DMI)

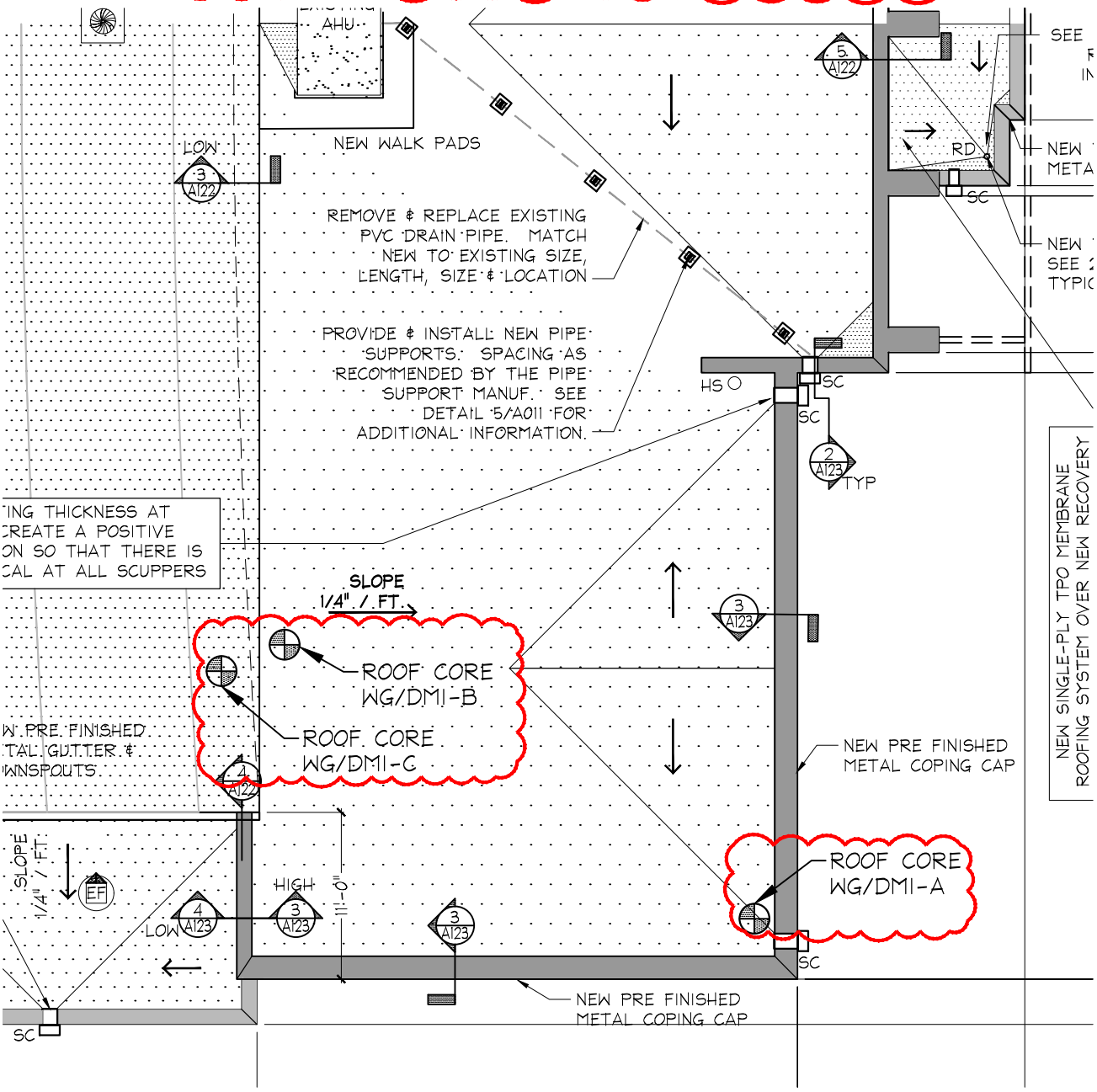
INFORMATION FROM ROOF CORES THAT WERE TAKEN DURING THE SITE VISITS AFTER THE PRE-BID MEETING ON AUGUST 14TH.

THE FOLLOWING CORES WERE TAKEN ON THE WHITFIELD HALL, (D.M.I.) ON THE SOUTH-EAST UPPER ROOF AREA. (MOD. BIT., WOOD FIBER, POLY-ISO ¼" TAPER, CONCRETE).

WG/DM1-A: AT SCUPPER IN CORNER 4 ½" THICK AT LOWER END OF TAPERED INSULATION (1/4" TAPER)

WG/DM1-B: AT BASE OF LOWER WALL OF UPPER ©BARREL VAULTED" ROOF - 11" THICK AT HIGHER END OF TAPERED INSULATION (1/4" TAPER)

WG/DM1-C: ON UPPER ©BARREL VAULTED" ROOF SECTION - 4" FLAT INSULATION



DRAWING 1
REFERENCE SHEET A120

N

1 ADD-2 PARTIAL ROOF PLAN

Scale: 3/32" = 1'-0"

Henry L. Whitfield- (DM1)

GS# 102-292
Storm Damage
Delta State University

SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
szzarch.com
T(662) 323-1628

SHEET
ADD-2
DRAWING 1

Henry L. Whitfield - Delta Music Institute

DATE: 11.18.2022
SZZARCH# 2244
DRAWN BY: rep
CHECKED BY: sc/sz

INFORMATION FROM ROOF CORES THAT WERE TAKEN DURING THE SITE VISITS AFTER THE PRE-BID MEETING ON AUGUST 14TH.

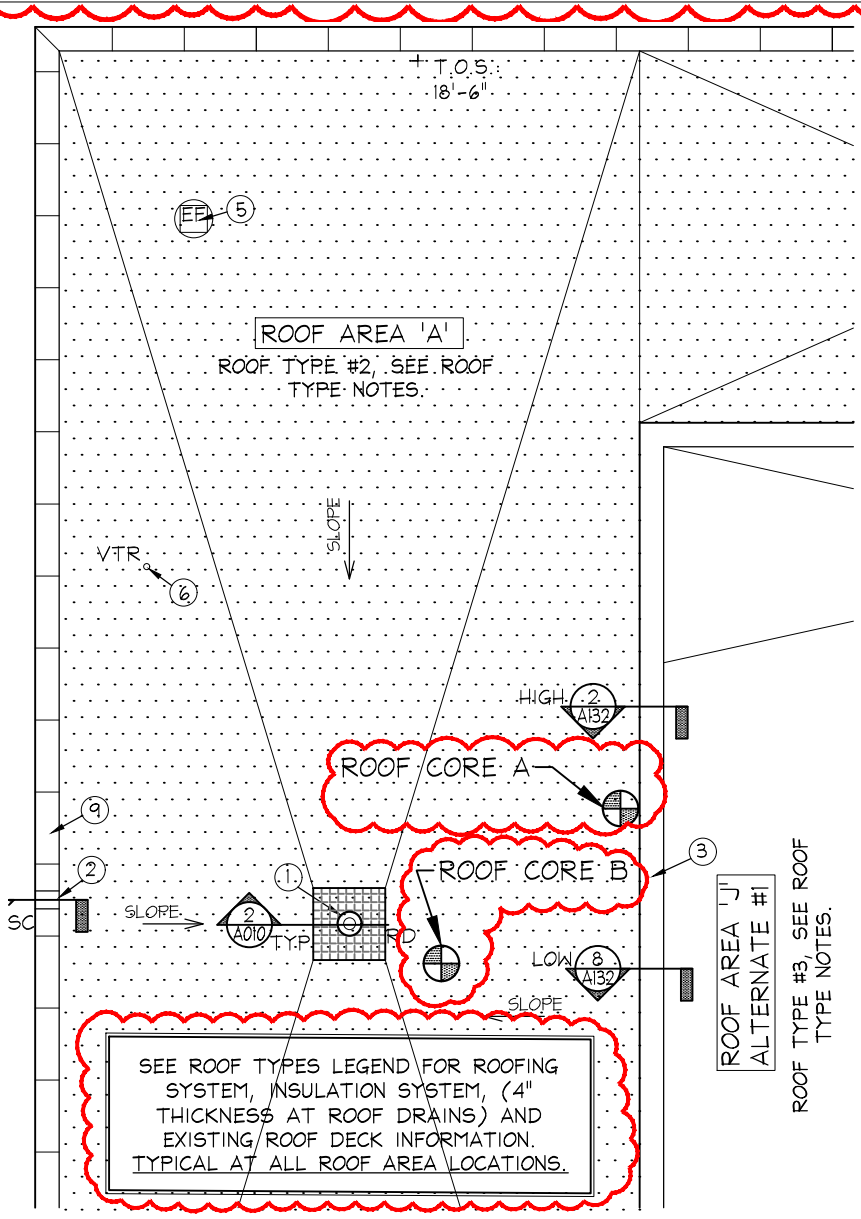
THE FOLLOWING TWO CORE SAMPLES WERE TAKEN ON THE SOUTH ROOF OF THE BOLOGNA PERFORMING ARTS CENTER (BPAC) ROOF. THIS IS SHOWN AS ROOF AREA 'A'.

BPAC-A: 5 ½" THICK AT WALL
BPAC-B: 4" THICK AT DRAIN

ROOF TYPES - (BPAC): (ADDENDUM #2)

ALL ROOF DECKS ARE TO BE CLEANED AND PRIMED PRIOR TO INSTALLATION OF NEW ROOFING SYSTEM. INFILL ALL ROOF OPENINGS NO LONGER IN USE. VERIFY OWNER/ ARCHITECT PRIOR TO DECK PATCHING. INSTALL NEW ROOFING SYSTEM AS RECOMMENDED BY THE MANUFACTURER FOR THE GIVEN CONDITION.

ALL ROOF AREAS: (WITH THE EXCEPTION OF ROOF TYPE 1):
TOTAL STARTING THICKNESS AT ALL ROOF DRAINS IS TO BE 4".



DRAWING 2
REFERENCE SHEETS A130, A131.1 & A131.2

N

2 PARTIAL ROOF PLAN
ADD-2 Scale: 3/32" = 1'-0"

BPAC

GS# 102-292
Storm Damage
Delta State University

SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
szzarch.com
T(662) 323-1628

SHEET
ADD-2
DRAWING 2

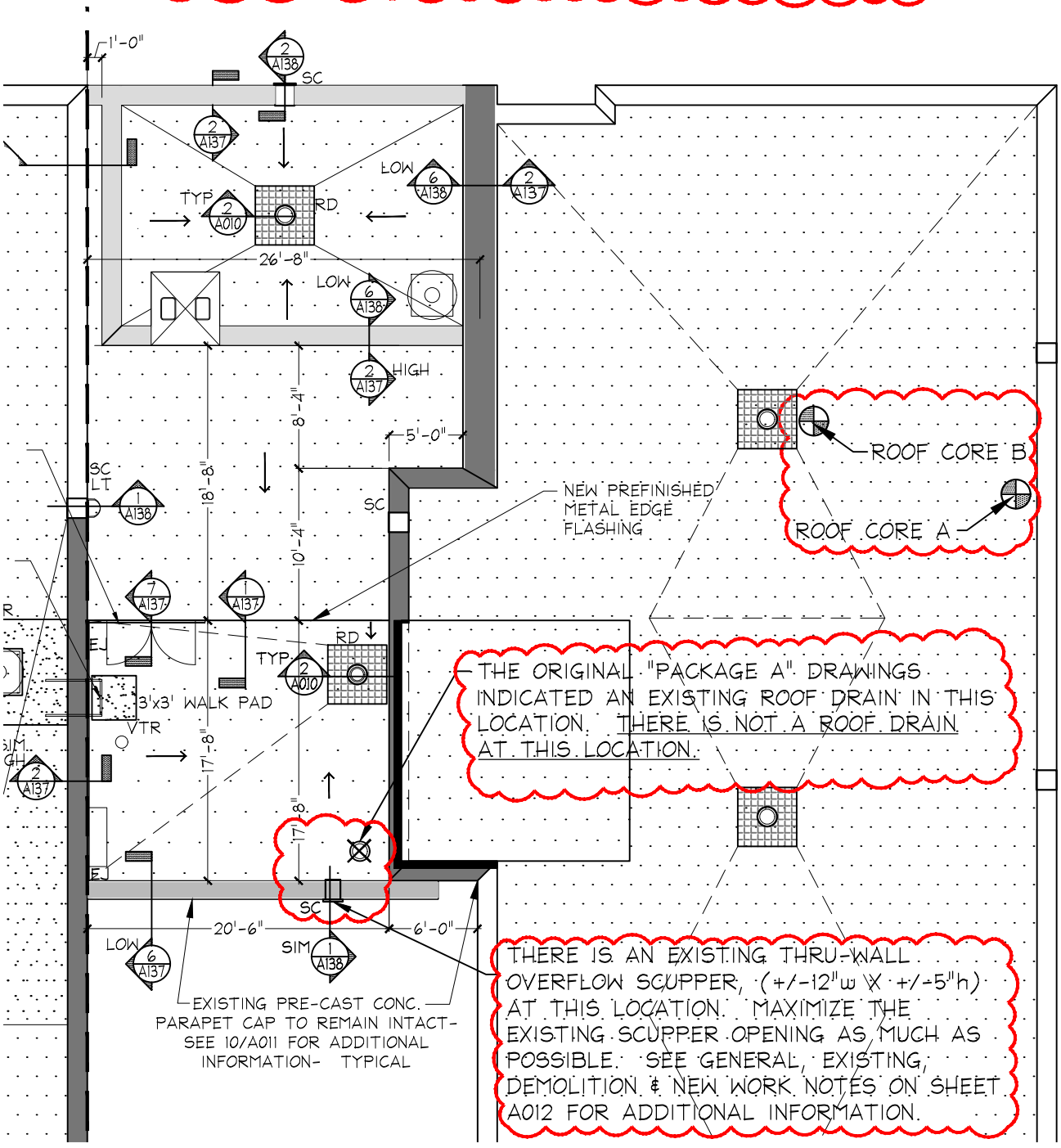
BOLOGNA PERFORMING ARTS

DATE: 11.18.2022
SZZARCH# 2244
DRAWN BY: rep
CHECKED BY: sc/sz

INFORMATION FROM ROOF CORES THAT WERE TAKEN DURING THE SITE VISITS AFTER THE PRE-BID MEETING ON AUGUST 14TH.

THE FOLLOWING TWO CORES SAMPLES WERE TAKEN ON THE NORTH ROOF OF JOBE HALL.

JOBE-A: 5" THICK AT NORTH PARAPET WALL
JOBE-B: 3 ½" THICK AT DRAIN



DRAWING 3
REFERENCE SHEET A135

N 3 PARTIAL ROOF PLAN
ADD-2 Scale: 3/32" = 1'-0"

JOBE HALL

GS# 102-292
Storm Damage
Delta State University

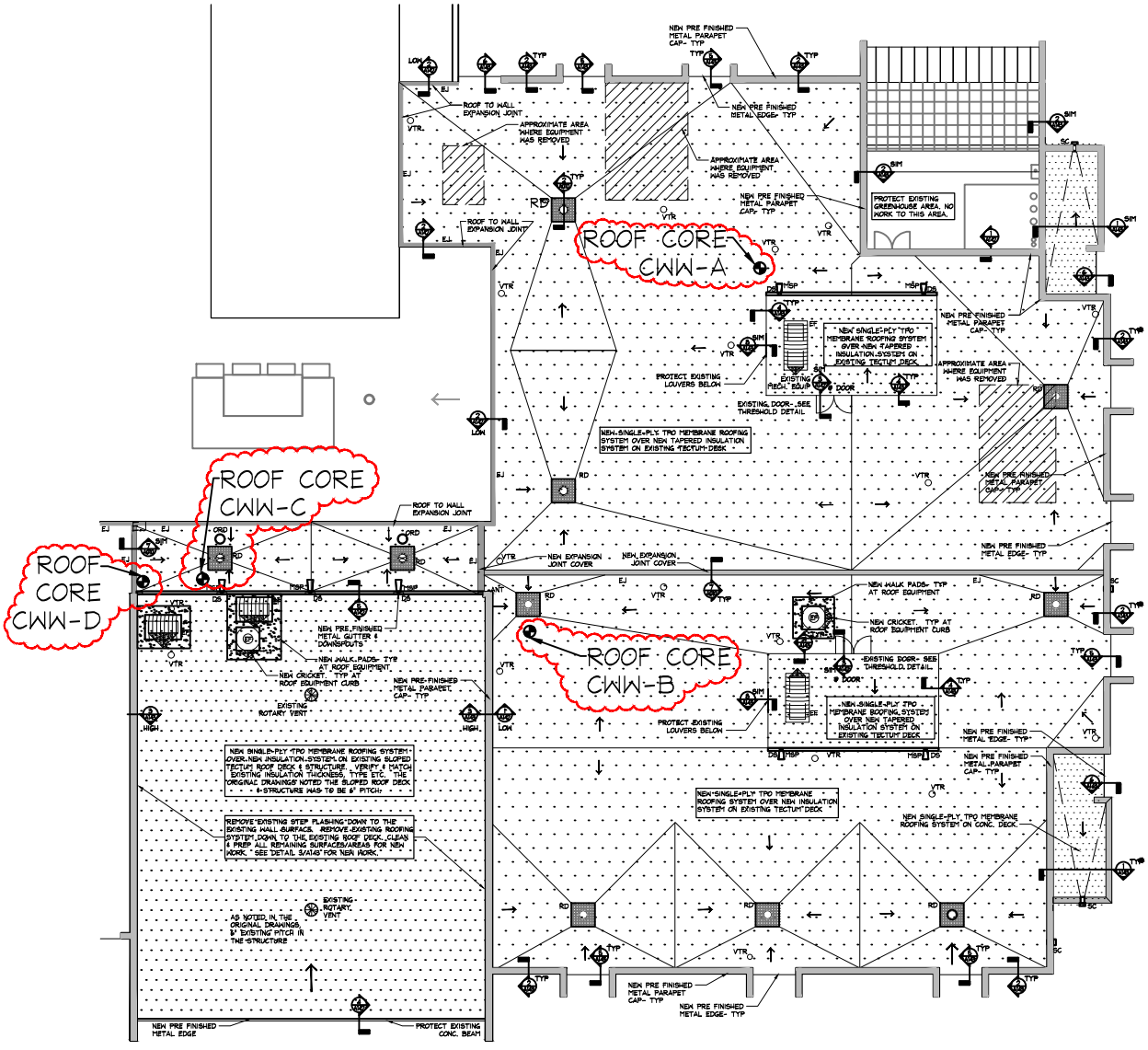
SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
szzarch.com
T(662) 323-1628

SHEET
ADD-2
DRAWING 3

JOBE HALL

DATE: 11.18.2022
SZZARCH# 2244
DRAWN BY: rep
CHECKED BY: sc/sz

SEE DRAWING 5 FOR ROOF CORE INFORMATION AT THE SOUTH END OF THE BUILDING



DRAWING 4
REFERENCE SHEETS A140, A141.1 & A141.2

N 4 PARTIAL ROOF PLAN
ADD-2 Scale: N.T.S. "CWW"

GS# 102-292
Storm Damage
Delta State University

SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
szzarch.com
T(662) 323-1628

SHEET
ADD-2
DRAWING 4

CAYLOR, WHITE / WALTERS

DATE: 11.18.2022
SZZARCH# 2244
DRAWN BY: rep
CHECKED BY: sc/sz

EXISTING ROOF CORE INFORMATION - CAYLOR WHITE/WALTERS:

THESE CORES WERE TAKEN ON THE NORTH END OF THE BUILDING. **SEE ROOF PLAN SHEET A140 FOR CORE LOCATIONS.**

NOTE: THERE MAY BE SOME VARIATION IN THE DEPTHS OF THE ROOF CORES. AS A RESULT, ALL DEPTHS SHOULD BE READ AS +/- CONTRACTORS SHOULD VERIFY ANY CONDITIONS IN QUESTION.

THE ASBESTOS SURVEY IS INCLUDED IN THE SPECIFICATIONS AND AVAILABLE FROM THE ARCHITECT'S OFFICE.

ROOF CORE #1: NORTH ROOFS - (NE END)
- 5" TOTAL THICKNESS
- CONCRETE/METAL DECK
- POLYISO
- 1/2" WOOD FIBER
- BUILT UP ROOF MEMBRANE

ROOF CORE #2: NORTH ROOFS - NEAR E.J.
- 7" TOTAL THICKNESS
- CONCRETE/METAL DECK
- POLYISO
- 1/2" WOOD FIBER
- BUILT UP ROOF MEMBRANE

ROOF SPIKE #1A: NORTH ROOFS - SEE CORE #1
- 1 3/4" TOTAL THICKNESS

ROOF SPIKE #1B: NORTH ROOFS - SEE CORE #1
- 2" TOTAL THICKNESS

ROOF SPIKE #1C: NORTH ROOFS - NEAR PENTHOUSE
- 5 1/2" TOTAL THICKNESS

ROOF SPIKE #2A: NORTH ROOFS - SEE CORE #2
- 2" TOTAL THICKNESS

INFORMATION FROM ROOF CORES THAT WERE TAKEN DURING THE SITE VISITS AFTER THE PRE-BID MEETING ON AUGUST 14TH.

THE FOLLOWING CORES WERE TAKEN ON CAYLOR-WHITE-WALTERS ON THE SOUTH AND MORE CENTRAL ROOF AREAS. SEE DRAWING 4/ADD-2 FOR LOCATIONS.

CWW-A: SOUTH-EAST ROOF SECTION - 7" THICK IN RANDOM LOCATION. MOD BIT, POLY-ISO, RED ROSING PAPER, TECTUM.

CWW-B: SOUTH-WEST ROOF SECTION - 2" THICK AT DRAIN. MOD BIT, POLY-ISO, TECTUM (SMOOTH TOP TECTUM THAT ALMOST LOOKED LIKE A CONCRETE PLANK (MAY HAVE BEEN A SLURRY COAT OR AT JOINTS OF TECTUM).

CWW-C: NORTH END OF NARROW ROOF IN CENTER OF ROOF 4"+/- AT DRAIN (CONCRETE DECK)

CWW-D: NORTH END OF NARROW ROOF IN CENTER OF ROOF 5 ½" AT EXPANSION JOINT (CONCRET DECK).

DRAWING 5
REFERENCE SHEETS A140, A141.1 & A141.2.
SEE ADD-2 DRAWING 4 FOR CENTRAL AND SOUTH END OF THE BUILDING CORE LOCATIONS.
SEE A140 FOR CORE LOCATIONS AT THE NORTH END OF THE BUILDING.

GS# 102-292
Storm Damage
Delta State University

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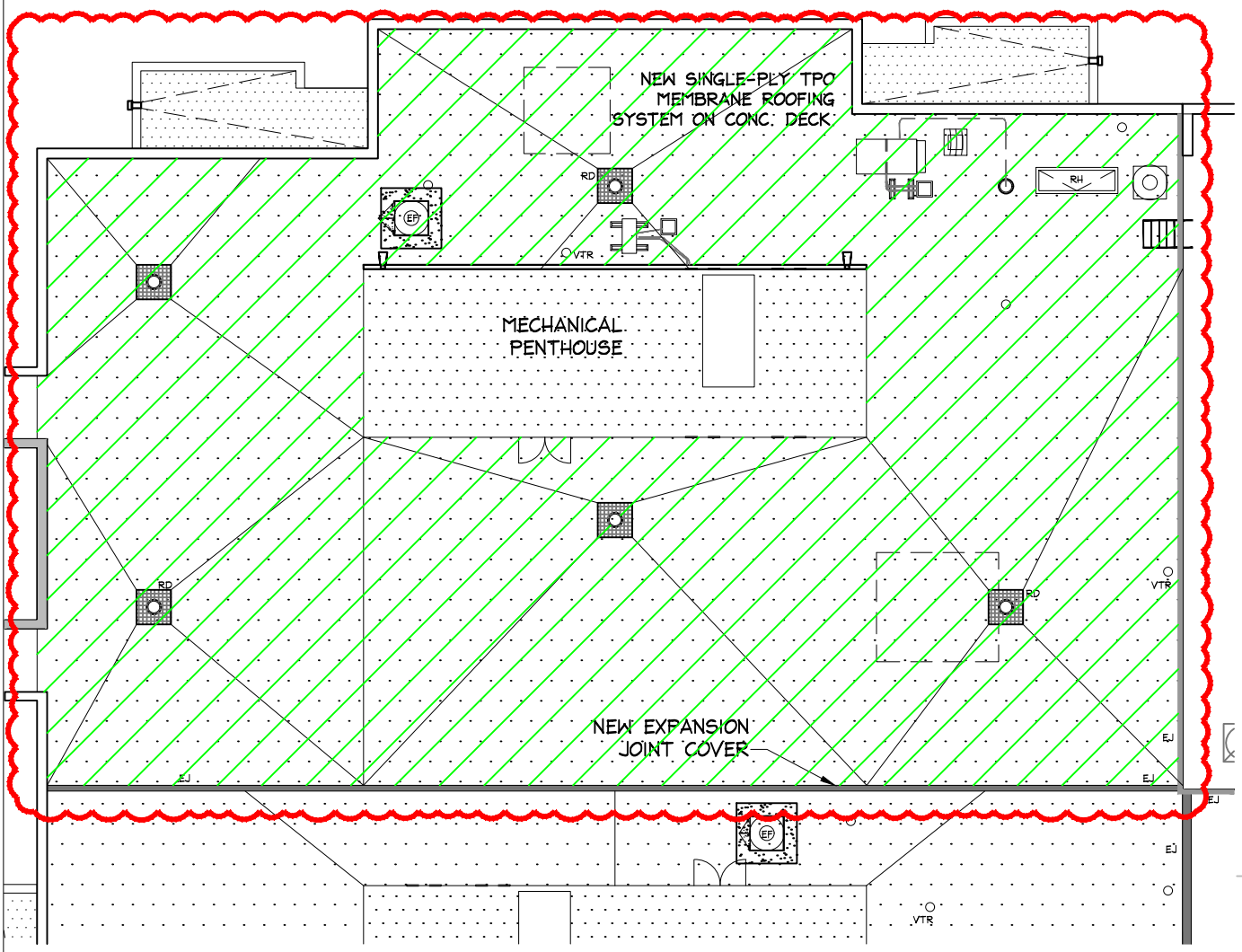
SHEET
ADD-2
DRAWING 5

CAYLOR, WHITE / WALTERS

DATE: 11.18.2022
SZZARCH# 2244
DRAWN BY: rep
CHECKED BY: sc/sz

VAPOR BARRIER OVER EXISTING ROOF DECK:

THE GREEN DIAGONAL HATCH INDICATES ROOF DECK AREA, (AT THE NORTH EAST ROOF SECTION), TO RECEIVE VAPOR BARRIER. APPLY VAPOR BARRIER AS REQUIRED & RECOMMENDED BY THE MANUF.



DRAWING 6

REFERENCE SHEETS A140, A141.1. SEE ADD-2 DRAWING 5 FOR ROOF CORE INFORMATION.

SEE A140 FOR CORE LOCATIONS AT THE NORTH END OF THE BUILDING.

N

4 PARTIAL ROOF PLAN

ADD-2 Scale: N.T.S.

"CWW"

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ADD-2

DRAWING 6

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