

**West Virginia Community and Technical College System
West Virginia University - Parkersburg
M&G Project No. 18-053
Request for Bids No. 19061**

ADDENDUM NO. 1
October 18, 2018

I. PRE-BID MEETING MINUTES - OCTOBER 16, 2018, 10:00 AM:

General Discussion of the Project

- A. The Work of the project is defined by the Contract Documents and consists of the following:
- B. Work under this contract addresses renovations and upgrades to the existing Weirton and New Martinsville Campuses for West Virginia Northern Community College. Work under this contract includes but is not limited to:
 - 1. Demolition
 - 2. Architectural and Structural Components
- C. Type of Contract:
 - 1. Project will be constructed under a single prime contract.
- D. Project Schedule:
 - 1. ..Out to Bid October 5, 2018.
 - 2. ..Mandatory Pre-Bid Meeting 10:00 AM, October 16, 2018.
 - 3. ..Last Day for Substitution Requests 4:00 PM, October 15, 2018.
 - 4. ..Last Day for Contractor Questions 4:00 PM, October 19, 2018.
 - 5. ..Bid Opening/Bid Review 3:00 PM October 25, 2018.
 - 6. ..Notice to proceed December 7, 2018.
 - 7. ..Substantial Completion 238 Calendar Days From Notice to Proceed Date.

Bidding Requirements

The following items shall be incorporated as a part of the Project Manual and Construction Drawings for this project and as such, shall be honored in your proposal.

- A. Sealed proposals (one original) for the Renovations at WVNCC Weirton and New Martinsville campuses will be received by the Community and Technical College System of West Virginia, at 1018 Kanawha Boulevard East, Suite 700, Charleston, West Virginia 25301, until 3:00 PM local time on October 25, 2018, at which time and place all bids will be opened publicly

and read aloud. After opening, the bids will be compared for quality, thoroughness, and cost by the Owner and M&G Architects & Engineers. Hard copies of bids are required at the above listed address. Electronic submissions are not acceptable. Reference AIA Document A701 and WV Supplementary Instructions to Bidders for AIA Document A701-1997 in the Project Manual.

- B. Copies of the Bidding Documents will be available on or after September 5, 2018, at the office of the Architect, M&G Architects & Engineers, at the address noted below, upon payment of a deposit of \$250.00 per hard copy set. The deposit will be refunded if the bidding documents are returned in good condition within ten days following receipt of bids. Electronic copies of the bidding documents are also available in pdf format for a non-refundable cost of \$50.00. All bids must be submitted in accordance with the requirements listed in the bidding documents to be considered valid.
- C. Owner: Community and Technical College System of West Virginia, Attention: Mr. Richard Donovan.
- D. West Virginia University – Parkersburg contact for additional site visits: Bob Cooper. E-mail: rcooper@wvup.edu; Phone: (304) 424-8265
 - 1. All additional site visits must be scheduled with the College's contact.
- E. All requests for clarification during bidding shall be submitted in writing via e-mail to: mgl@mgarc.com. The deadline for requests for clarification is 4:00 PM, October 19, 2018. No verbal response to requests for clarification will be given.
- F. All requests for substitution during bidding shall be submitted in writing via email to: mgl@mgarc.com. The deadline for requests for substitution is 4:00 PM, October 15, 2018. Reference AIA A701, paragraph 3.3, Substitutions, for requirements of submission.
- G. Bidders must follow exactly all the directions included in the Project Manual.
- H. Bids must be submitted with the Form of Proposal completed and all related attachments included.
- I. Liquidated damages of \$500.00 per day will be applied if work is not substantially complete after 238 calendar days.
- J. Contractor is responsible for all applicable taxes and fees. No B&O Tax is assessed.
- K. The authority having jurisdiction for this project is the West Virginia State Fire Marshal.

Alternates

- A. ALTERNATE NO. 1: 90 mil EPDM roofing system in lieu of 60 mil system.
- B. ALTERNATE NO. 2: Sprinkler Area 'B'
- C. ALTERNATE NO. 3: Sprinkler Area 'C'

- D. ALTERNATE NO. 4: Sprinkler Area 'D'
- E. ALTERNATE NO. 5: Sprinkler Area 'E'
- F. ALTERNATE NO. 6: ADA Ramp and Stair
- G. ALTERNATE NO. 7: Lower Courtyard Area
- H. ALTERNATE NO. 8: Courtyard Furniture

Allowance

Allowance No. 1: Contingency Allowance for Elevator Renovations. Include within the Base Bid an Allowance of \$10,000.00.

Unit Prices

None.

Access to Site

- A. To be coordinated with Bob Cooper, WVU-P.
- B. Use of Site: Limit use of Project site to areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
- C. Limits: Confine construction operations to contract limits.
- D. Driveways, Walkways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

General Discussion

- E. Owner representative, Mr. Rich Donovan, reviewed key bidding requirements:
 - 1. The Invitation to Bid, Addenda and other relevant information concerning RFB 19061 will be posted at the following URL. It is the Bidder's obligation to check this website for current information: <https://wvhepc.org/purchasing/>

2. Affidavits to be submitted with the Bid are Purchasing Affidavit and Drug-Free Workplace Conformance Affidavit. These affidavit forms are provided in the Project Manual.
 3. Bidders shall use the Form of Proposal and bond forms provided in the Project Manual.
 4. A five percent (5%) bid Bond shall be submitted with the Bid.
 5. The successful Bidder shall provide a Performance Bond and a Labor and Material Payment Bond for 100% of the Contract Sum; and a 2-year Roof Maintenance Bond for the full value of each roofing system.
- F. M&G reviewed the general aspects of the project scope of work.
- G. Addendum #1 will be issued on or around October 18, 2018. Bidding contractors must acknowledge receipt of all addenda in writing via e-mail to: mg1@mgarc.com. Additionally, receipt of Addenda must be acknowledged on the Form of Proposal.
- H. Reviewed all allowances that are required within the contract documents.
- I. Reviewed all alternates that are required within the contract documents.
- J. Reminded bidders to review the project bonding requirements listed within the project manual.
- K. Mr. Donovan noted that Pinnacle Environmental has performed an asbestos inspection of the building and the report will be sent out by Addendum. Astar Abatement Inc. will abate the contaminated areas prior to work occurring. If the contractor discovers other elements during performance of the work that may be asbestos containing, they are to stop work immediately and notify the Architect.
- L. The WVU-P campus is not within the city limits of Parkersburg, therefore, no Business & Occupation Tax is to be paid. All other applicable taxes are valid.
- M. AIA Document A101-2007 will be retired on October 31, 2018. M&G will use be able to use the AIA Document A101-2007 version for this project.
- N. Prevailing wage rates are not in effect.
- O. Last day for bidder questions is by the end of the day on October 19, 2018.
- P. Last day for substitution requests was October 15, 2018.
- Q. Following the meeting discussion, all attendees walked through the project site to review the various items of work. Reference the attached sign-in sheets for related attendance at each.

End of Pre-Bid Meeting Minutes

II. CLARIFICATIONS:

General:

A. Add:

1. Replace Specification Section 012300 – ALTERNATES with Specification Section ADD01 - 012300 – ALTERNATES as attached to this Addendum.

B. Clarify Alternates:

1. Add Specification Section ADD01 - 011300 - PRELIMINARY SCHEDULE as attached to this Addendum.

Questions:

A. Replacement of guiderails in Elevator “B”

Answer: Elevator “B” guiderails and rollers are to be replaced.

B. Elevator “A” and “C” the walls are the shell itself.

Answer: At Elevator “A” and “C” leave walls and ceilings intact. Attach specified wall panels and ceilings as recommended by manufacturer. Provide reveals as specified.

C. Is the existing roof to be replaced asbestos?

Answer: See Pinnacle Environmental Asbestos Report as attached to this Addendum.

D. Question: Insulation specified is listed as grade 3, which is 25 PSI. Is this correct or can we use standard 20 PSI?

Answer: Provide Grade 3 as specified.

E. Question: The roof plan shows all roof areas sloping at ¼” per foot. Test cuts were done and it was found that all roof areas are currently structurally sloped at 1/8” per foot. Are we to add tapered insulation to provide a minimum slope of ¼” per foot? If yes, please bear in mind that the roof insulation will exceed the existing height of the perimeter parapet walls and detail “G” and “H” will not be possible. Wood blocking would need to be added and metal coping added to flash the parapet walls. Insulation height will also grow to a maximum of 14” in some areas?

Answer: Remove all existing gypsum board. Match equivalent thickness of existing insulation and gypsum board.

F. Question: All of our test cuts contained 5/8” gypsum installed directly to the metal deck. The specs call to remove all roofing down to metal decking. Are we to provide new 5/8” gypsum?

Answer: Remove all existing gypsum board. Match equivalent thickness of existing insulation and gypsum board.

- G. Question: It was mentioned at the Prebid meeting that the old rock ballast on the roof will be hauled away. Is this correct?

Answer: Remove and legally dispose of existing roof ballast.

- H. Question: Will there be a fee the contractor needs to include in their bids for the State Fire Marshal review/inspections?

Answer: Generally, the WV State Fire Marshall inspection fees are covered in the plan review fee during design. Any other inspection fee would be assumed by the Contractor. See AIA A201 – 2007 General Conditions, Article 3.7.

- I. Question: Is there a certain route through the building to remove debris and bring in materials and equipment to the Courtyard? Can you show on the drawing the best route to do this, so we can include protection of the area in our bid?

Answer: The southwest entrance (17.1 & 17.2, near Elevator “A”) could be used for some traffic as long as it is opened back up during business hours. The area must be kept clean and safe.. Other means and methods of accessing the courtyard are the responsibility of the Contractor.

- J. Question: Has the Architect or the Owner given thought to how the material from the courtyard is to be removed? Should we figure using a crane to haul all the materials in and out, or can we figure on hauling through the building? We feel that this will need to be addressed or contractor will be pricing all over the place.

Answer: The southwest entrance to the courtyard and the building exterior may be used during off hours, but must be cleaned and reopened during business hours.

- K. Question: At the Prebid meeting we were instructed to look at the preliminary schedule in the bid documents. Unless I have overlooked it, I cannot find a preliminary schedule. Can you tell me what section it is in?

Answer: See Specification Section as attached to this Addendum.

- L. Question: General Scope Notes 1 through 3 and Code Note 11 on Drawing A1.1 are all included in the Elevator Allowance?

Answer: The Allowance will be used for General Note 1. Notes 2 and 3 to be included as part of the Base Bid, not the Allowance.

- M. Question: Reference Sheet C1.0, Landscape Plan & Details: On the left side of the page, there are two planting details, a shrub detail (2) and a tree planting detail (3) and a list of Landscaping Notes. Both planting details have call-outs indicating the top layer of planting material as being 2” of Mushroom Manure. Landscaping Note 3 states that “All plant beds shall be mulched with a minimum 3” thick layer of hardwood bark mulch typical.” Should hardwood mulch be used on top of the mushroom manure? Or should it be used in place of the mushroom manure? Or is there some other different configuration?

Answer: Place hardwood mulch on top of mushroom manure.

- N. Question: Reference Sheet C1.0, Landscape Plan & Details: On both of the planting detail drawings (2 and 3), the bottom two call-outs are for “2 BU Bonemeal” and “2 BU Peatmoss”. What does “BU” stand for?

Answer: “BU” stands for “bushels”.

- O. Question: Reference Sheet A1.0, Enlarged Courtyard Plan: On the left side of Sheet A1.0 there is a section named Courtyard Plan Keynotes. Note 17 refers to concrete pavers by Unilock, but Note 17 is absent from each of the sheets that it is supposed to be on. Could you please add Note 17 to Sheets A2.0, A2.1, A2.2, and A2.3 in order to confirm the location of the concrete pavers?

Answer: See attached Sketch SK-1.

- P. Question: Concrete pavers that are installed against landscape beds and lawn areas require .075” x 1.75” MILL FINISH ALUMINUM EDGE RESTRAINTS by Permaloc installed on a concrete base. The manufacturer’s installation instructions specify RAMSET/HILTI 2.5” long nails. Is this accurate or is there some other type of fastener in a different length or attachment method that is preferred? If so, please specify.

Answer: Follow installation instructions.

- Q. Question: Also in reference to the paver edge restraint installation page 7 of written Spec 321413 from the bid package Part 3.2, Preparation, Section E, Note 3: “Extend the minimum distance from the outside edge of the concrete underlayment to the spikes equal to the thickness of the slab.” Does this note refer to the distance the anchor nail is to be inset from the outer edge of the concrete? Or does it refer to a different fastener/length (equal to the thickness of the concrete) to be used in place of the 2.5” RAMSET/HILTI specified by the manufacturer?

Answer: It refers to the distance of the inset from the outer edge of concrete. Also reference Detail 11/C4.0 for more information.

- R. Question: Is there any electrical disconnect and reconnect on the roof?

Answer: Disconnect and reconnect any rooftop equipment required for installation of roofing and flashings.

- S. Question: Is there any electrical work associated with the elevator or is that all part of the elevator allowance?

Answer: All work related to replacing elevator components indicated is to be included in the Base Bid.

- T. Question: On Sheet E1.0, is all of this work in the base bid or is some in Alternate per Sheet D1.0?

Answer: Electrical work in the Alternate areas shown on A1.1/D1.0 to be included with that respective Alternate.

- U. Question: Sheet C1.0, Detail 2 (Shrub Planting Detail) and Detail 3 (Tree Planting Detail) call out the top layer of planting material as being 2" of Mushroom Manure. However, Landscaping Note #3, same sheet, states "All plant beds shall be mulched with a minimum 3" thick layer of hardwood bark mulch, typical". Should hardwood mulch be used on top of the mushroom manure, or should hardwood mulch be used in place of the mushroom manure? Please advise.

Answer: See previous answer above.

- V. Question: Sheet C1.0, on both planting details (2&3) the bottom two layers call out for 2" BU Bonemeal and 2" BU Peatmoss. Can you advise what "BU" stands for?

Answer: See previous answer above.

- W. Question: On sheet AD1.0 - Demolition Roof Plan, Demolition Note #3 states to "Remove Existing Parapet Coping, Salvage for Reuse". I am unable to locate where note #3 applies on Sheet AD1.0. Can you advise what sections of coping is being removed and salvaged?

Answer: Disregard note. There is no coping to be salvaged.

- X. Question: On Sheet AD1.0 - Demolition Roof Plan, Demolition Note #2 appears to only apply to one roof ladder. Are we to demolish both roof ladders?

Answer: Currently there is only one existing roof ladder.

- Y. Question: On Sheet D1.0, General Site Demolition Note #3 states, "Contractor shall be responsible for the proper removal of any contaminated or hazardous material." Has a study been conducted to verify if there is a presence of contaminated or hazardous material? If not, is the contractor to assume that there is no contaminated or hazardous material is present?

Answer: Disregard note. Hazardous materials, if any, will be abated by the Owner.

- Z. Question: On Sheet A1.0, Courtyard Plan Keynote #17 references concrete pavers. However, I do not see where Keynote #17 applies. I'm assuming that Keynote #17 should apply to what appears to be a paver boarder around the exterior of the new concrete, is this correct?

Answer: See previous answer above.

- AA. Question: On Sheet A1.0, Courtyard Plan Keynote #16 references the surface mounted path light by Landscape Forms or Approved Equal. Are we to price the installation of all of the surface mounted path lights in base bid or in the alternates?

Answer: See previous answer above.

- BB. Question: There is a keyed note 12 on the Alternate 6 portion of Drawing D1.0, but there is not a 12 demolition keynote on the legend. Can you clarify?

Answer: Revise all keynote references from "12" to "2".

- CC. Question: We have a structural steel and miscellaneous steel fabrication company in Clarksburg, WV. I was looking through Dodge Reports and found the above referenced

project. I noticed that you had a speed rail type system for the handrail. I was wondering if you would entertain using an aluminum welded railing? The only caveat is that the railings would have to be powder coated in lieu of anodized. Please let me know if this is something that you would consider and we could provide pricing to the bidders.

Answer: Not approved. The deadline for Substitutions has passed.

DD. Question: Is there an engineer's project estimate we can use for bid bond purposes?

Answer: We do not provide a "engineer's project estimate." The value of the bid bond is to be 5% of the contractor's bid.

EE. Does the "Certified Drug-Free Workplace Report Coversheet" need to be submitted with the bid?

Answer: No. The Drug-Free Workplace Conformance Affidavit needs to be submitted with bid.

Respectfully submitted,

M&G ARCHITECTS & ENGINEERS

A handwritten signature in black ink that reads "Dana L. Brooks, AIA". The signature is written in a cursive, flowing style.

Dana L. Brooks, AIA
Project Architect

Attachments: Mandatory Pre-Bid Meeting Agenda
Pre-Bid Meeting Sign-in Sheets
Specification Section ADD01 - 011300 - PRELIMINARY SCHEDULE
Specification Section ADD01 - 012300 – ALTERNATES
Pinnacle Environmental Asbestos Report
Addendum Sketch SK-1

cc: All Attendees and Plan Holders
ls

ACKNOWLEDGEMENT OF RECEIPT
OF ADDENDUM NO. 1
FOR
WEST VIRGINIA UNIVERSITY - PARKERSBURG
RENOVATIONS AT MAIN BUILDING
REQUEST FOR BIDS NO. 19061

I, _____ of _____ hereby
(name) *(company)*

acknowledge that I have received a copy of Addendum No. 1 with all its attachments and understand that my bid will not be honored unless this acknowledgement is returned to the Architect and I have noted receipt on the Proposal Form.

(company name)

(name)

(date)

Upon receipt, fax or email this page to 304/242-8249 or mg1@mgarc.com

RFB 19061

RENOVATIONS AT MAIN BUILDING, WEST VIRGINIA UNIVERSITY AT PARKERSBURG 300 CAMPUS DRIVE, PARKERSBURG, WV 26104

MANDATORY PRE-BID MEETING AGENDA

October 16, 2018 - 10:00 AM

Mandatory pre-bid meeting and walk-throughs:

- Mandatory pre-bid meeting and walk-through, West Virginia University at Parkersburg (WVUP), Main Building, 10:00 AM

Welcome and Introduction of Personnel

- Architect & Engineer – Dan Grant, AIA, Dana Brooks, AIA, and Eric Matyskiela, PE, M&G Architects and Engineers
- Owner – Rich Donovan, Community and Technical College System of West Virginia (CTCS)
- College – Bob Cooper, Manager Physical Plant, WVUP
- Mandatory at Pre-Bid – Bidders (Prime Contractors); subcontractors and material suppliers are encouraged to attend
- Bidding Document Requests - \$250/set, refundable - \$50/PDFs, not refundable
- Discussions
 - Items to be submitted in or with Bid
 - Acknowledgement of Addenda
 - List of Proposed Subcontractors
 - Contractor's License
 - Purchasing Affidavit
 - Drug-Free Workplace Conformance Affidavit
 - 5% Bid Bond
 - Do not change Contract Documents
 - Electronic correspondence during Bidding Phase to M&G Architects and Engineers
 - Requests for Substitutions during Bidding Phase
 - Instructions to Bidders 3.3
 - Hazardous Materials
 - Investigation performed by Pinnacle Environmental Consultants, Inc.
 - Addenda
 - Bonds
 - Insurance Requirements
 - Vendor Registration & Disclosure Statement
 - Bids Due October 25, 2018, at 3:00 PM. Deliver bids to Community and Technical College System of West Virginia, 1018 Kanawha Boulevard, East, Suite 700, Charleston, WV 25301

Scope of Work

- Demolition and replacement of the existing roof.
- Sprinkler system extensions.
- Elevator renovations.
- Courtyard demolition and replacement.

Allowances

- ALLOWANCE NO. 1: Allow \$10,000 for elevator renovation for miscellaneous elevator hoistway and machine room work as directed by the Architect

Alternates

- ALTERNATE NO. 1: 90 mil EPDM roofing system in lieu of 60 mil system
- ALTERNATE NO. 2: Sprinkler Area 'B'

- ALTERNATE NO. 3: Sprinkler Area 'C'
- ALTERNATE NO. 4: Sprinkler Area 'D'
- ALTERNATE NO. 5: Sprinkler Area 'E'
- ALTERNATE NO. 6: ADA Ramp and Stair
- ALTERNATE NO. 7: Lower Courtyard Area
- ALTERNATE NO. 8: Courtyard Furniture

Staging

- Building access / egress
- Mobilization and fencing
- Employee parking and staging

Taxes

- Business and Occupation (B&O) Tax

Permits

- The authority having jurisdiction is the West Virginia State Fire Marshal

Questions

(1)

PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

Business Name: Maynard C. Smith Construction Company Inc
Business Address: 3410 Chesterfield Ave, Charleston, WV 25304
Business Phone # 304-925-3190 Fax # 304-925-3228
Representative Name (printed): Jason Shant'ic E-Mail Address Estimating@MCSConstructionWV.com
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: N.F. Mansuetto & Sons, Inc.
Business Address: 116 Ward Street Martins Ferry OH 43935
Business Phone # 740-633-7320 Fax # 740-633-7322
Representative Name (printed): Mark Speirs E-Mail Address mark@mansuettoroofing.com
Check Appropriate Title: General Contractor ☐ Subcontractor ☒ Supplier ☐ Other-List: Roofing

Business Name: GRAE-CON CONSTRUCTION
Business Address: 101 INDUSTRY ROAD, MARIETTA, OH 45750
Business Phone # 740-373-9899 Fax # ☐
Representative Name (printed): JEFF HILDEBRAND E-Mail Address JHILDEBRAND@GRAECON.COM
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: Dan Hill Construction
Business Address: P.O. Box 685 Gaway Bridge WV 25085
Business Phone # 304-632-1600 Fax # 304-632-1501
Representative Name (printed): Justin Dozier E-Mail Address Justin-dozier@yahob.com
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: UNITED CONSTRUCTION CO. INC.
Business Address: 3120 NORTHWESTERN PIKE PARKERSBURG WV 26104
Business Phone # (304) 422-2141 Fax # (304) 485-4249
Representative Name (printed): JOHN E. SPRINGSTON E-Mail Address john@uccic.com
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: Murray Street Metal
Business Address: 3112 Northwestern Pike, Parkersburg WV 26104
Business Phone # 304-699-5928 Fax # 304-428-4623
Representative Name (printed): Alex McCay E-Mail Address alex@murraystreetmetal.com
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☒ Other-List: ☐

PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

(2)

Business Name: <u>Wynn Lawn Services</u>	
Business Address: <u>PO Box 181, Alum Creek, WV 25003</u>	
Business Phone # <u>304-382-3845</u>	Fax # _____
Representative Name (printed): <u>Mike Wynn</u>	E-Mail Address <u>WynnLawnServices@gmail.com</u>
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: <u>Landscape</u>	

Business Name: <u>GREENLEAF LANDSCAPES INC</u>	
Business Address: <u>444 MURKINGUM DR MARIETTA OH 45750</u>	
Business Phone # <u>740-373-1639</u>	Fax # <u>740-373-1135</u>
Representative Name (printed): <u>DAVE FLEMING</u>	E-Mail Address <u>dave@greenleaflandscapes.com</u>
Check Appropriate Title: General Contractor _____ Subcontractor <input checked="" type="checkbox"/> Supplier _____ Other-List: _____	

Business Name: <u>CTC'S</u>	
Business Address: <u>1018 Kanawha Blvd E. Ste 700, Charleston WV 25301</u>	
Business Phone # <u>681-313-2212</u>	Fax # _____
Representative Name (printed): <u>Rich Donovan</u>	E-Mail Address <u>rich.donovan@wvhepc.edu</u>
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: <u>Owner</u>	

Business Name: <u>G & G BUILDERS INC.</u>	
Business Address: <u>135 CORPORATE CENTER DR. SUITE 550</u>	
Business Phone # <u>204-757-9196</u>	Fax # <u>304-757-0993</u>
Representative Name (printed): <u>MICHAEL E. DAVIS</u>	E-Mail Address <u>MDAVIS@GANDGBUILDERS.COM</u>
Check Appropriate Title: General Contractor <input checked="" type="checkbox"/> Subcontractor _____ Supplier _____ Other-List: _____	

Business Name: <u>HARRIS BROTHERS ROOFING & SHEET METAL</u>	
Business Address: <u>1533 HANSFORD ST. CHARLESTON WV 25311</u>	
Business Phone # <u>304 343-5566</u>	Fax # <u>304 343 5568</u>
Representative Name (printed): <u>ERIC IHVAT</u>	E-Mail Address <u>eric.harrisbrothers@outlook.com</u>
Check Appropriate Title: General Contractor _____ Subcontractor <input checked="" type="checkbox"/> Supplier _____ Other-List: _____	

Business Name: _____	
Business Address: _____	
Business Phone # _____	Fax # _____
Representative Name (printed): _____	E-Mail Address _____
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: _____	

PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

3

Business Name: AGSTEN CONSTRUCTION
Business Address: 209 WASHINGTON ST. CHARLESTON, WV 25302
Business Phone # 304/343-5400 Fax # 304/343-0063
Representative Name (printed): SAM HULL E-Mail Address shull@agstenconstruction.com
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: ORACLE ELEVATOR CO.
Business Address: 4776 CHIMNEY DR
Business Phone # 202-912-9522 Fax #
Representative Name (printed): ROGER SMITH E-Mail Address roger.smith@oracleelevator.com
Check Appropriate Title: General Contractor ☐ Subcontractor ☒ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

④

Business Name: BBL CARLTON, LLC
Business Address: 600 KANAWHA BLVD., SUITE 200, CHARLESTON, WV 25301
Business Phone # (304) 345-1300 Fax # (304) 345-1304
Representative Name (printed): TOM SIMMS E-Mail Address tsimms@bblcarlton.com
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: WVUP
Business Address: 300 CAMPUS DR PARKERSBURG WV
Business Phone # 304 588-1522 Fax # 304 424-8288
Representative Name (printed): DAVID GATES E-Mail Address DAVID.GATES@WVUP.EDU
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: manager physical plant

Business Name: WVUP
Business Address: 300 CAMPUS DR PARKERSBURG WV
Business Phone # 304-424-8265 Fax #
Representative Name (printed): Robert Cooper E-Mail Address bob.cooper@wvup.edu
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

5

Business Name: 3D Construction LLC
Business Address: 514 George St Parkersburg WV 26101
Business Phone # 304-916-1365 Fax # 304-863-8545
Representative Name (printed): Andre Daniel E-Mail Address odaniel@3dconstructionwv.com
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name: Phoenix Associates
Business Address: 501 Depot St. WV. 26101
Business Phone # 304/485-3255 Fax #
Representative Name (printed): Rocky A. Dilly E-Mail Address
Check Appropriate Title: General Contractor ☒ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

Business Name:
Business Address:
Business Phone # Fax #
Representative Name (printed): E-Mail Address
Check Appropriate Title: General Contractor ☐ Subcontractor ☐ Supplier ☐ Other-List: ☐

PREBID MEETING SIGN-IN SHEET
West Virginia University-Parkersburg
Renovations at Main Building
October 16, 2018, 10:00 AM

6

Business Name: MIG ARCHITECTS AND ENGINEERS
Business Address: _____
Business Phone # _____ Fax # _____
Representative Name (printed): DAV GRANT E-Mail Address _____
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: _____

Business Name: MIG ARCHITECTS AND ENGINEERS
Business Address: _____
Business Phone # _____ Fax # _____
Representative Name (printed): DANA BROOKS E-Mail Address _____
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: _____

Business Name: BREWER & COMPANY
Business Address: P.O. Box 3108, CHARLESTON, WV 25331
Business Phone # 304 744-5114 Fax # 304 744-4899
Representative Name (printed): DOUG MEEKS E-Mail Address doug.meeks@brewerfire.com
Check Appropriate Title: General Contractor _____ Subcontractor ☒ Supplier _____ Other-List: _____

Business Name: _____
Business Address: _____
Business Phone # _____ Fax # _____
Representative Name (printed): _____ E-Mail Address _____
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: _____

Business Name: _____
Business Address: _____
Business Phone # _____ Fax # _____
Representative Name (printed): _____ E-Mail Address _____
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: _____

Business Name: _____
Business Address: _____
Business Phone # _____ Fax # _____
Representative Name (printed): _____ E-Mail Address _____
Check Appropriate Title: General Contractor _____ Subcontractor _____ Supplier _____ Other-List: _____

DOCUMENT ADD01 - 011300 - PRELIMINARY SCHEDULE

1.1 PROJECT SCHEDULE

- A. This Document is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' convenience and are intended to supplement rather than serve in lieu of Bidders' own investigations. They are made available for Bidders' convenience and information, but do not affect Contract Time requirements. This Document and its attachments are not part of the Contract Documents.
- B. Available Project information includes the following: Project schedule including design and construction milestones and Owner's occupancy requirements is as follows:
1. Complete Construction DocumentsAugust 27, 2018.
 2. Out to Bid..... September 5, 2018.
 3. Mandatory Pre-Bid / Walkthroughs September 16, 2018.
 4. Bid Opening / Bid Review3:00 PM, October 25, 2018.
 5. Notice to Proceed.....December 7, 2018.
 6. Substantial Completion.....August 2, 2019.
 7. Final CompletionAugust 30, 2019.

Notes:

If roofing work is conducted during the fall, the roof must be completed by **November 15, 2018**. If roofing work is conducted in the Spring of 2019, it may not begin until **March 1, 2019** and must meet the temperature and weather requirements of the manufacturer.

No work to occur on Graduation days.

Elevator “B” work shall occur during the Summer Break of 2019.

Sprinkler work to occur during the Summer Break of 2019.

WVU-P Academic Calendar Links:

<http://www.wvup.edu/wp-content/uploads/downloads/2017/12/Fall-2018.pdf>

<http://www.wvup.edu/wp-content/uploads/downloads/2017/12/Spring-2019.pdf>

END OF DOCUMENT ADD01 - 011300

SECTION ADD01- 012300 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other work of the Contract.
- C. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. Alternate No. 1: 90mil EPDM roof system.

1. Base Bid: Provide 60 mil EPDM roofing system as indicated on Drawing A2.0 and as specified in Section 075323 - EPDM Roofing.
 2. Alternate: Provide 90 mil EPDM roofing system as indicated on Drawing A2.0 and as specified in Section 075323 - EPDM Roofing.
- B. Alternate No. 2: Sprinkler Area "B"
1. Base Bid: Provide sprinkler system in Area "A" only.
 2. Alternate: Provide sprinkler system in Area "A" and Area "B."
- C. Alternate No. 3: Sprinkler Area "C"
1. Base Bid: Provide sprinkler system in Area "A" only.
 2. Alternate: Provide sprinkler system in Area "A," Area "B," and Area "C."
- D. Alternate No. 4: Sprinkler Area "D"
1. Base Bid: Provide sprinkler system in Area "A" only.
 2. Alternate: Provide sprinkler system in Area "A," Area "B," Area "C," and Area "D."
- E. Alternate No. 5: Sprinkler Area "E"
1. Base Bid: Provide sprinkler system in Area "A" only.
 2. Alternate: Provide sprinkler system in Area "A," Area "B," Area "C," Area "D," and Area "E."
- F. Alternate No. 6: ADA Ramp and Stair
1. Base Bid: No ramp or stair work in south corner of courtyard.
 2. Alternate: Provide ADA Ramp and Stair as indicated on Courtyard Drawings.
- G. Alternate No. 7: Lower Courtyard Area
1. Base Bid: No Lower Courtyard work.
 2. Alternate: Provide Lower Courtyard work as indicated on Courtyard Drawings.
- H. Alternate No. 8: Courtyard Furniture
1. Base Bid: No Courtyard Furniture.
 2. Alternate: Provide Courtyard Furniture work as indicated on Courtyard Drawings.

END OF SECTION 012300



PINNACLE ENVIRONMENTAL CONSULTANTS, INC.

CORPORATE OFFICE: 486 OLD STATE RT. 74 ■ CINCINNATI ■ OHIO ■ 45244 ■ PHONE: 513-533-1823 ■ FAX: 513-533-1859
2088 ROSS AVENUE ■ CINCINNATI ■ OHIO ■ 45212 ■ PHONE: 513-533-1823 ■ FAX: 513-533-1859
500B PRESTIGE PARK ■ HURRICANE ■ WEST VIRGINIA ■ 25526 ■ PHONE: 304-757-5204 ■ FAX: 304-757-5205

September 24, 2018

Mr. Rich Donovan
WV Council for Community & Technical College Education
1018 Kanawha Blvd., East Suite 700
Charleston, WV 25301-2827

Re: Asbestos Inspection at WVU Parkersburg Activity Center Wing
Pinnacle Project Number: 18W-0280

Dear Mr. Donovan:

On September 18, 2018 Pinnacle Environmental Consultants, Inc. (*see Attachment 1 for certifications*) visited the above referenced project per your request. The purpose of this visit was to collect bulk samples of materials suspect for containing asbestos prior to planned renovation or demolition of the structures for compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAP). Specifically, **five (5)** bulk samples were collected from **five (5)** homogeneous areas. Analytical results show that the **one (1)** homogeneous areas were identified with asbestos content greater than one percent (>1%). Please reference the *PLM Bulk Sample Data Summary Table in Attachment 2* for complete sample location and description information.

Sampling Methodology

For friable Surfacing Materials, three (3) bulk samples shall be collected for each homogeneous area less than or equal to one thousand square feet (1,000 ft²). If the homogeneous area is greater than one thousand square feet (1,000 ft²) but less than five thousand square feet (5,000 ft²), five (5) bulk samples shall be collected. For homogeneous areas that are greater than five thousand square feet (5,000 ft²), seven (7) bulk samples shall be collected. Random sample locations for each homogeneous area of suspect friable surfacing materials will be determined by Pinnacle's inspector in the field.

Three (3) samples shall be randomly collected from homogeneous areas of Thermal System Insulation such as pipe insulation. Miscellaneous Material and non-friable suspected ACM were sampled "in a manner sufficient to determine" whether the material in question contained asbestos.

To avoid disturbing the material more than necessary and potentially cause the release of asbestos fibers, Pinnacle performed bulk sampling of suspect materials in accordance with generally accepted procedures outlined in the Asbestos Hazard Emergency Response Act (AHERA). Each sample will be collected and placed in a clean, sealable vial and labeled with a unique sample identification number. This sample number shall be recorded on a Bulk Sample Log Sheet, the sample vial, and at the sample location to permit easy identification of the sampled materials in the future. Supplemental information will also be recorded on the Bulk Sample Log Sheet, including date of inspection, name of Pinnacle's inspector, the building name (or number), a brief description and location of the sample, and type of material sampled (e.g. thermal insulation, fireproofing, hard plaster, etc.).

Analysis of Samples

The bulk samples will be submitted to Pinnacle Analytical Lab (*see Attachment 3 for a copy of West Virginia laboratory license and NVLAP accreditation*) and analyzed for asbestos content by PLM and dispersion staining (Method Reference: EPA-600/R-93/116). This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect materials, can be used for qualitative identification of six (6) morphologically different types of asbestos fibers: Chrysotile, Amosite, Crocidolite, Anthophyllite, Tremolite, and Actinolite asbestos. The method specified that the asbestos content in a bulk sample will be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of zero to one hundred percent (0% to 100%).

The results of the bulk sample analysis are reported in a standard laboratory report (*see Attachment 4 for the Laboratory Analysis Report*) which includes Pinnacle's project number, the laboratory identification number and the field number assigned to the bulk sample upon collection at the site. If a bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., Chrysotile, Amosite or other) and non-asbestos (i.e., cellulose, fiberglass or other) components. Sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., Chrysotile, Amosite or other) and non-asbestos (i.e., cellulose, fiberglass or other) components.

If a bulk sample of friable material has less than ten percent (<10%) asbestos content, the EPA recommends the sample be analyzed by the point count method reference PLM, EPA 600/R-93/116. This analytical method is a more accurate way of determining the actual asbestos percentage. For this project, there were no samples analyzed using point count methods. %).

Results and Conclusions

The asbestos inspection identified **one (1)** homogeneous areas that will require removal prior to traditional demolition or renovation activities. The locations and quantities of materials known or assumed to contain >1% asbestos can be found on the *Inventory of Asbestos-Containing Material Table in Attachment 5* with this letter. Current asbestos laws and regulations require removal of asbestos-containing materials (ACM) prior to initiation of renovation/demolition activities. Since removal of ACM is necessary, a West Virginia Bureau for Public Health licensed asbestos abatement contractor should be contracted to perform the removal work and submit necessary regulatory notifications.

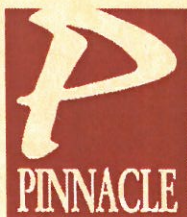
Based on the limited access of the bulk sampling survey (i.e., nondestructive inspection), caution should be exercised during the renovation/demolition project in the event materials known or suspected to contain asbestos are exposed during the renovation/demolition work. In the event additional material suspected to contain asbestos is discovered during this project, work with the potential for disturbance should be stopped until sampling and analysis has been performed. A professional consultant licensed by the West Virginia Bureau for Public Health as an asbestos inspector should conduct all asbestos bulk sampling. Laboratories licensed by the West Virginia Bureau for Public Health and accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) or the American Industrial Hygiene Association (AIHA) should perform analysis of all bulk samples collected.

Pinnacle greatly appreciates the opportunity to offer our services to you for this most important project. Should you have any questions or require additional information, please feel free to contact me at your earliest convenience: (304) 757-5204.

Sincerely,
Pinnacle Environmental Consultants, Inc.

Tina Burkner

Attachments (6)



Pinnacle Environmental Consultants, Inc.

500-B Prestige Park - Hurricane, WV 25526

Phone (304) 757-5204 - Fax (304) 757-5205

www.pinnacleinc.biz

MICHAEL PAULEY

Has successfully completed the **Asbestos Inspector Refresher** Course with of score of seventy percent (70%) or better. This course is West Virginia (WV) and Environmental Protection Agency (EPA) approved and meets the requirements of 40 CFR part 763 Asbestos Hazard Emergency Response Act (AHERA) for purposes of accreditation required under TSCA Title II. This class was conducted at the Pinnacle Environmental Training Facility in Hurricane, WV.

Training Date(s)

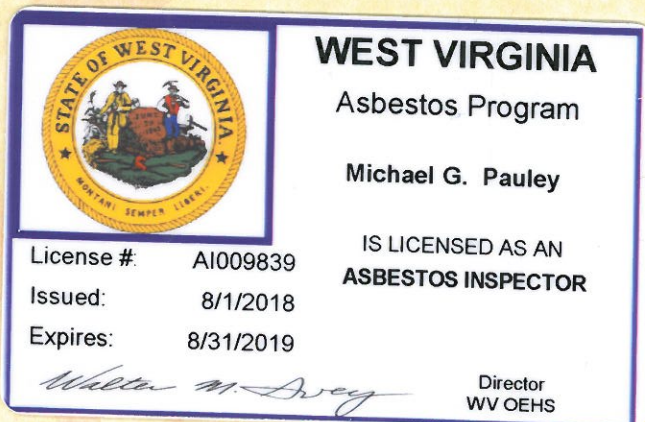
June 22, 2018

Exam Date

June 22, 2018

Training Hours

4 hours



Certificate Identification

AIR-062218-19

Expiration Date

June 22, 2019

Leiton E. Miller III

Leiton E. Miller III



DATE: 9/18/2018

INSPECTOR: Michael Pauley

LOCATION: WVU

Parkersburg

PROJECT NUMBER: 18W-0280

BULK SAMPLE INVENTORY

Lab ID#	Sample ID#	Sample Location	Sample Description	H.A. #	Results
18WB-24919a	P-01	Elevator C	12x12 White Floor Tile	1	NAD
18WB-24919b			Mastic	1a	NAD
18WB-24920a	P-02	Elevator C	12x12 Grey Floor Tile	2	NAD
18WB-24920b			Mastic	2a	NAD
18WB-24921a	P-03	Elevator B	9x9 White Floor Tile	3	6% Chrysotile
18WB-24921b			Mastic	3a	NAD
18WB-21922	P-04	Roof	Rubber Membrane Roofing	4	NAD
18WB-21923a	P-05	Roof	Flashing	5	NAD
18WB-21923b			Mastic	5a	NAD

NOTES:

ftgs = fittings

lf = linear feet

sf = square feet

NAD = No Asbestos Detected

* = Quantities have been estimated for known or assumed ACM that was accessible during the site inspection.

Actual quantities may vary during demolition or renovation work that may expose additional materials.

State of West Virginia

Bureau for Public Health
Office of Environmental Health Services
Radiation, Toxics and Indoor Air Division

This is to certify that

Pinnacle Environmental Consultants, Inc.

500-B Prestige Park

Hurricane, WV 25526

Has complied with Chapter 16, Article 32, of the Asbestos Abatement Licensing
Rules and Regulations and is hereby licensed as an
Asbestos Air and Bulk Sample Analytical Laboratory.

Asbestos Laboratory License Number:

LT000580

Issued: 12/13/2017

Expires: 12/31/2018



WEST VIRGINIA

Asbestos Program

**Pinnacle Environmental
Consultants, Inc.**

IS LICENSED AS AN
**ASBESTOS LABORATORY -
AIR AND BULK**

License #: LT000580

Issued: 12/13/2017

Expires: 12/31/2018

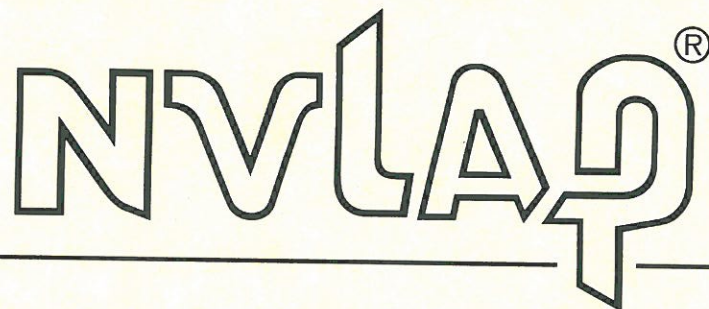
Walter M. Ivey

Director
WV OEHS

Walter M. Ivey

**Walter M. Ivey, Director
Office of Environmental Health Services**

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200718-0

Pinnacle Environmental Consultants, Inc.
Hurricane, WV

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

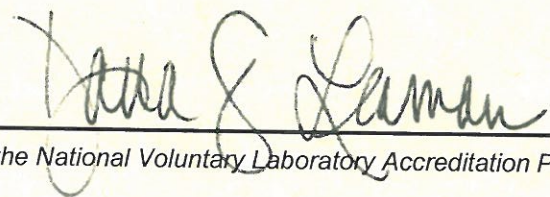
Asbestos Fiber Analysis

*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).*

2018-07-01 through 2019-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Pinnacle Environmental Consultants, Inc.

500B Prestige Park

Hurricane, WV 25526-8420

Ms. Miranda Reedy

Phone: 304-757-5204 Fax: 304-757-5205

Email: mreedy@pinnacleinc.biz

<http://www.pinnacleinc.biz>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200718-0

Bulk Asbestos Analysis

Code

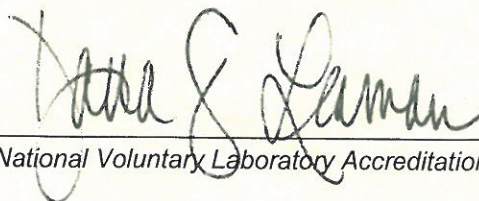
18/A01

Description

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials



For the National Voluntary Laboratory Accreditation Program

LABORATORY REPORT AND SAMPLE CHAIN-OF-CUSTODY

Asbestos Identification by Polarized Light Microscopy

Analysis Report



NVLAP LAB CODE: 200718-0

WV License #: LT000552

Attn: Tina Burkner

Pinnacle Environmental Consultants, Inc. - WV

500B Prestige Park

Hurricane, WV 25526

VA License #: 333 000241

500-B Prestige Park
Hurricane, West
Virginia 25526
Phone: 304-757-5204
Fax: 304-757-5205

Received Date: 9/18/2018

PEC Project #: 18W-0280

Analysis Date: 9/18/2018

Client Project/PO #:

RE: **WVU Parkersburg**

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24919a	P-01		White
Texture/Description:	Solid/12x12 Floor Tile	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24919b	P-01		Black
Texture/Description:	Solid/Mastic	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 94 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24920a	P-02		Gray
Texture/Description:	Solid/12x12 Floor Tile	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24920b	P-02		Black
Texture/Description:	Solid/Mastic	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 6 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 94 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24921a	P-03		White
Texture/Description:	Solid/9"x9" Floor Tile	Chrysotile: 6 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	6 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 92 %

RE: **WVU Parkersburg**

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24921b	P-03		Black
Texture/Description:	Solid/Mastic	Chrysotile: 4 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	4 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 94 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24922	P-04		White
Texture/Description:	Solid/Rubber Membrane Roofing	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 10 %	Fiber Glass: 5%	Others: 0%	Filler/Binder: 85 %

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24923a	P-05		Black
Texture/Description:	Solid/Flashing	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 0 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 100%

PEC LAB #:	CLIENT ID #:	LOCATION:	COLOR:
18WB-24923b	P-05		Yellow
Texture/Description:	Solid/Mastic	Chrysotile: 0 %	Tremolite: 0% Anthophyllite: 0%
TOTAL ASBESTOS:	0 %	Amosite: 0%	Actinolite: 0% Crocidolite: 0%
Cellulose: 2 %	Fiber Glass: 0%	Others: 0%	Filler/Binder: 98 %

Analytical Method: Polarized light microscopy using dispersion staining (EPA-600/M4-82-020). PLM should not be used to demonstrate the absence of asbestos in floor tiles. All samples will be held for sixty (60) days unless otherwise requested. This report relates only to items tested and makes no statement as to the contents of surrounding materials. Multi-layered material which have distinct and separable layers shall be reported separately. This report shall not be reproduced, except in full, without written permission. The results of this report should not be used as an endorsement for NVLAP or any other government agency.

Analyzed by: Chelsea Watt
Chelsea Watt

Please mark the turnaround time requested:

24 Hour _____ 48 Hour _____ 3-5 Day _____



☒ 500B Prestige Park, Hurricane, WV 25526 P: (304) 757-5204 F: (304) 757-5205
☐ 486 Old ST RT 74, Cincinnati, OH 45244 P: (513) 533-1823 F: (513) 533-1859

REQUEST FOR ANALYTICAL LABORATORY SERVICES

RUSH CHARGES AUTHORIZED:	YES	NO
--------------------------	-----	----

CLIENT JOB #: 18W-0280

***Point Counts performed per client request**

[illegible]

Location: WVU Parkersburg

DATE/TIME	ANALYZE TO THE POSITIVE?	YES	NO
-----------	--------------------------	-----	----

CHAIN	COLLECTED BY: Michael Pauley
-------	------------------------------

```
(print)
```

9/18/18

Collector's Signature: Michael Paul

OF RELINQUISHED BY: Mandy P. J.

9/18/18

RECEIVED BY:

CUSTODY RELINQUISHED BY:

0114114

RECEIVED BY:

RECEIVED AT LAB BY:

Sample Condition Upon Receipt:

☒ Accept

☐ Deny

* Samples will be held for sixty (60) days after analysis date, unless otherwise requested by the client*

ASBESTOS CONTAINING MATERIAL SUMMARY TABLE



Pinnacle Environmental
Consultants, Inc.
500B Prestige Park
Hurricane, WV 25526
Phone (304) 757-5204
Fax (304) 757-5205

DATE: 9/18/2018
INSPECTOR: Michael Pauley
LOCATION: WVU
Parkersburg
PROJECT NUMBER: 18W-0280

INVENTORY OF ASBESTOS CONTAINING MATERIAL TABLE

Material Location	Material Description	H.A. #	Type ACM	Estimated Quantity*	Category - Friable / Non-Friable
Elevator B	Floor Tile & Mastic	3	Misc.	All of the Elevator B flooring and mastic	I - Non-Friable

NOTES:

ftgs = fittings

lf = linear feet

sf = square feet

Surf = Surfacing

TSI = Thermal System Insulation

Misc = Miscellaneous

NAD = No Asbestos Detected

* = Quantities have been estimated for known or assumed ACM that was accessible during the site inspection.

Actual quantities may vary during demolition or renovation work that may expose additional materials.

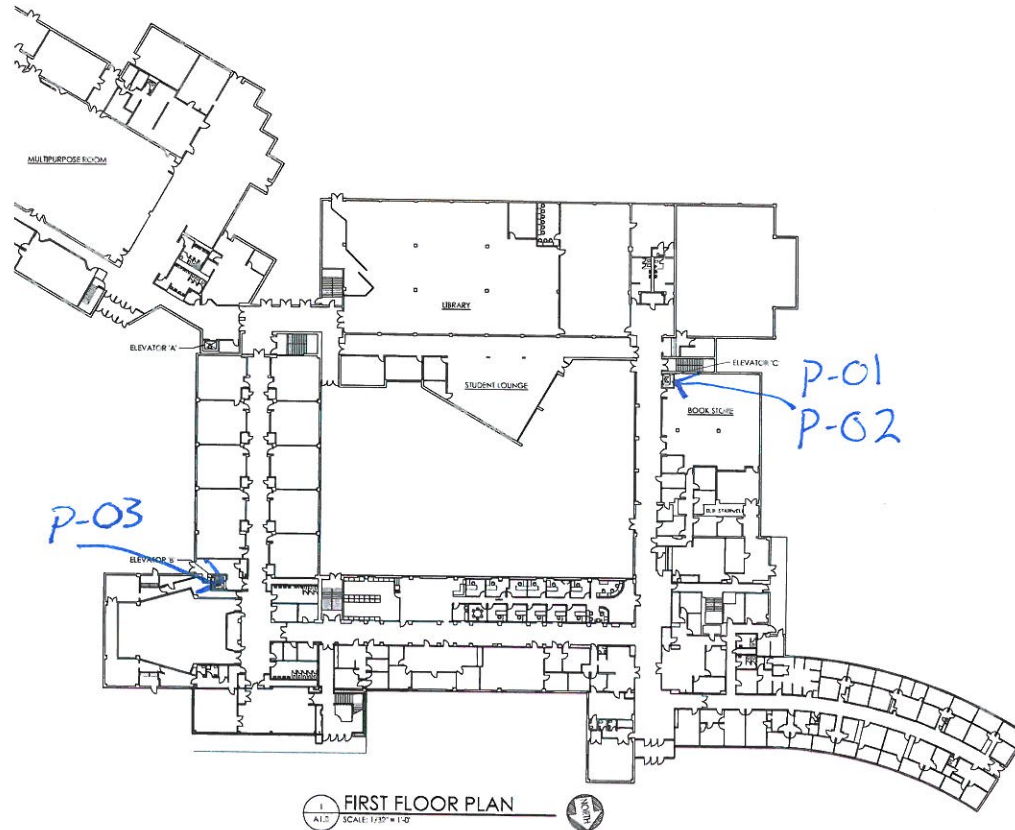
† = material assumed to contain asbestos

EPA Categories:

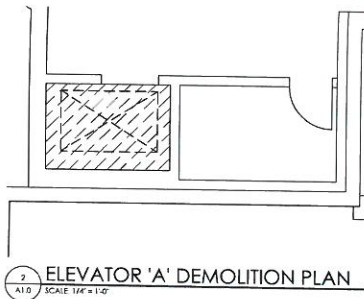
RACM - Regulated Asbestos-Containing Materials (Friable)

Category I Nonfriable - resilient flooring, roofing products, gaskets, packings

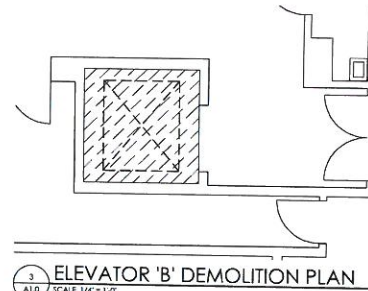
Category II Nonfriable - all other nonfriable asbestos-containing materials



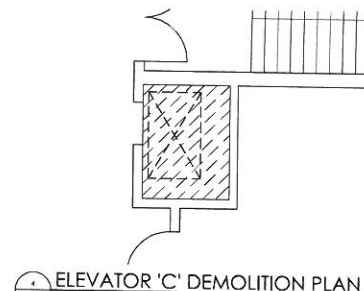
1
A1.0
FIRST FLOOR PLAN
SCALE: 1/32" = 1'-0"



2
A1.0
ELEVATOR 'A' DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



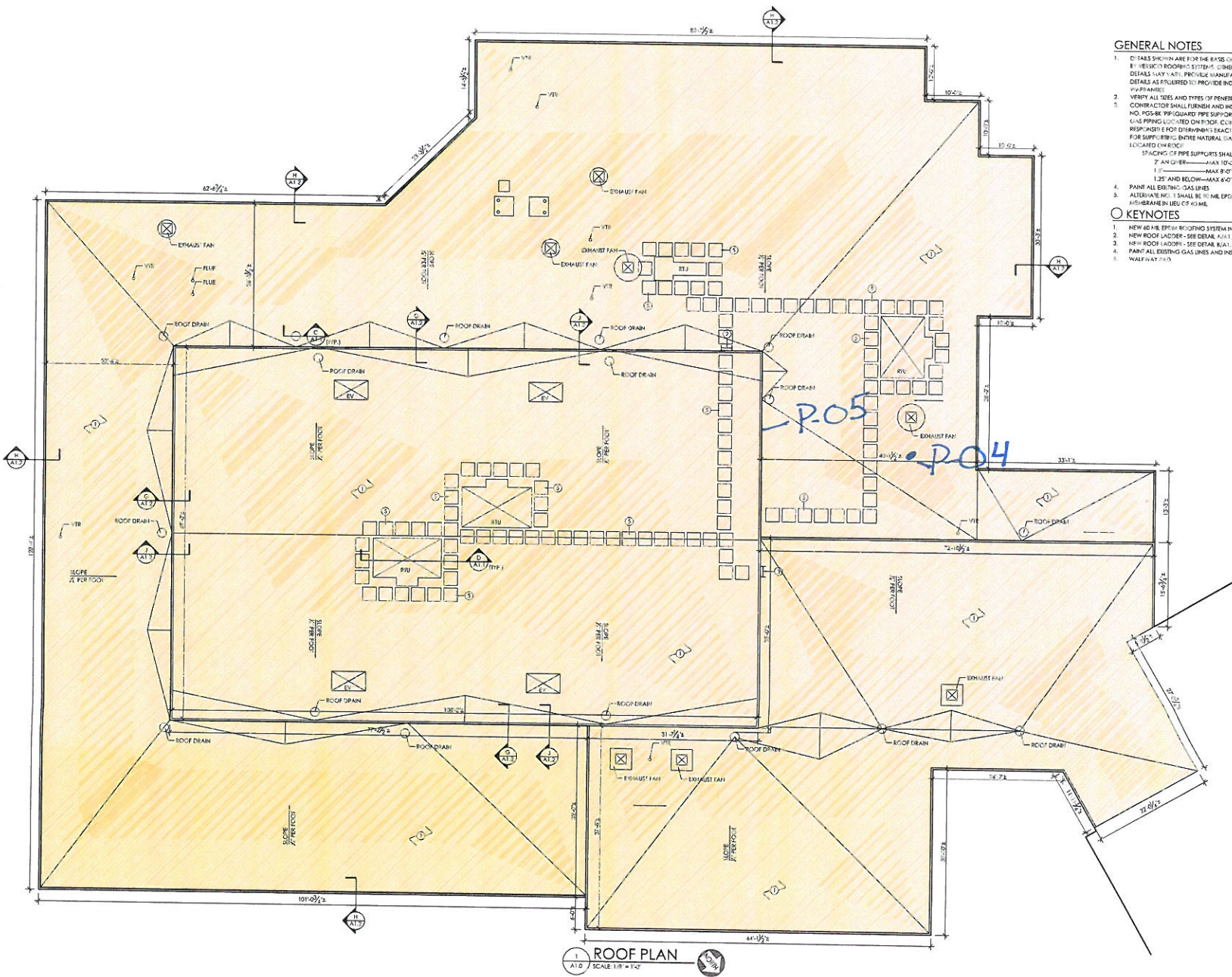
3
A1.0
ELEVATOR 'B' DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



4
A1.0
ELEVATOR 'C' DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. ALL ELEVATOR WORK TO MEET ASME A17.1-3 (CURRENTLY ADOPTED ADDITIONAL STANDARDS).
 2. ALL ELEVATOR RENOVATIONS TO MEET CURRENT ADA STANDARDS.
 3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT SITE AND NOTIFY THE ARCHITECT IN WRITING OF ANY EXISTING WORK DIFFERING FROM THAT SHOWN ON DRAWINGS PRIOR TO COMMENCING WITH ANY WORK.
 4. CONTRACTOR SHALL COMPLY WITH ALL CITY ORDINANCES REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON PERFORMANCE OF THE WORK.
 5. REPAIR ALL EXISTING CONTROLS, CAB LANTERNS AND HALL ROUTES.
 6. MATCH ALL EXISTING FIRE RATING.
- #### DEMO PLAN KEYNOTES
- A. EXISTING HALL CALL STATION TO REMAIN.
 - B. EXISTING HALL LANTERN TO REMAIN.
 - C. REMOVE EXIST. DOOR INTERLOCKS AND ROLLERS.
 - D. REMOVE EXISTING WALL PANELS, PAINTS, RAFTERS, CEILING SYSTEM, AND LIGHT FIXTURES.
 - E. REMOVE ALL EXIST. VERTICAL STRUCTURE.



- GENERAL NOTES**
1. DIMENSIONS ARE FOR THE EXISTING DESIGN ROOF SYSTEM. VERIFY ROOFING SYSTEM, OTHER MANUFACTURER DETAILS MAY VARY. PROVIDE MANUFACTURER'S STANDARD DETAILS AS FULFILLED TO PROVIDE INDICATED OR SPECIFIED PENETRATIONS.
 2. VERIFY ALL TYPES AND TYPES OF PENETRATIONS IN FIELD. CONTRACTOR SHALL FURNISH AND INSTALL CHIMNEY MODEL NO. P05-BE PIPE GUARD PIPE SUPPORT ON ALL NATURAL GAS PIPING LOCATED ON ROOF. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT QUANTITY REQUIRED FOR SUPPORTING ENTIRE NATURAL GAS PIPING SYSTEM LOCATED ON ROOF.
 3. SPACING OF PIPE SUPPORTS SHALL BE AS FOLLOWS:
7" AN OVER—MAX 10'-0" O.C.
1'-0" AND BELOW—MAX 8'-0" O.C.
1'-0" AND BELOW—MAX 6'-0" O.C.
 4. PAINT ALL EXISTING GAS LINES
ALTERNATE NO. 1 SHALL BE 10 MIL EPDM ROOFING
10 MIL GRAVEN (USE OF 40 MIL)
- KEYNOTES**
1. NEW 40 MIL EPDM ROOFING SYSTEM IN SHADDED AREA
 2. NEW ROOF LADDIES - SEE DETAIL A1.1.1
 3. NEW ROOF LADDIES - SEE DETAIL A1.1.1
 4. PAINT ALL EXISTING GAS LINES AND INSTALL NEW SUPPORTS W/ 40 MIL AT 7'-0"



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DRAWING STATUS	
DESIGN STAGE	
SCHEMATIC DESIGN	
DESIGN DEVELOPMENT	
CONSTRUCTION DOCUMENTS	
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REVIEW	
BIDDING	
CONSTRUCTION	

WV-CTCS
WVU-PARKERSBURG ROOF RENOVATION
PARKERSBURG, WEST VIRGINIA
ROOF PLAN

REVISION	

DRAWN BY: L. Eberhart	CHECKED BY: D. Brooks
PROJECT NO. 18-053.3	
SCALE: AS NOTED	DATE: 08-27-18

SHEET
A1.0

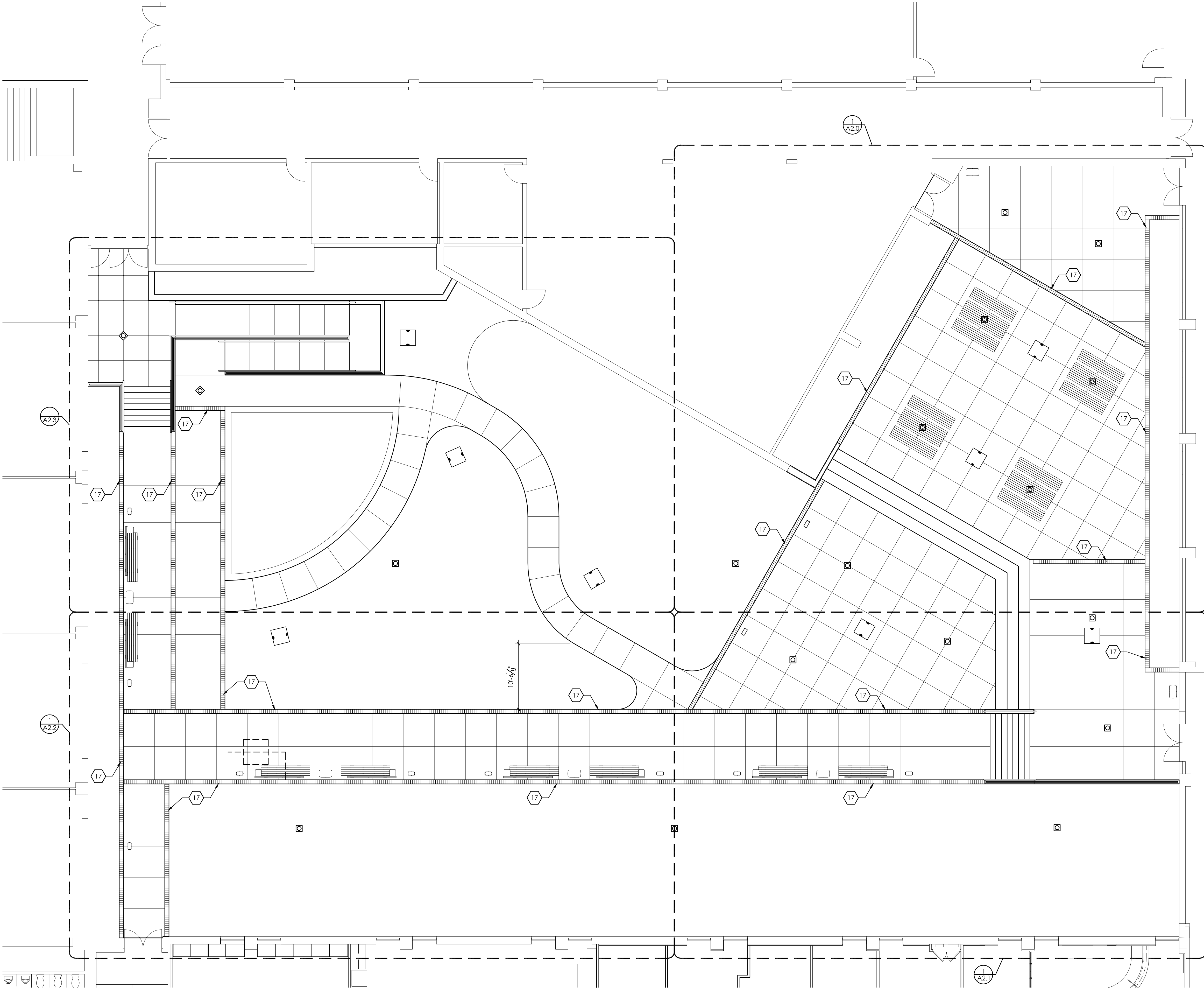
1 ROOF PLAN
SCALE 1/8" = 1'-0"

SITE CONSTRUCTION NOTES:

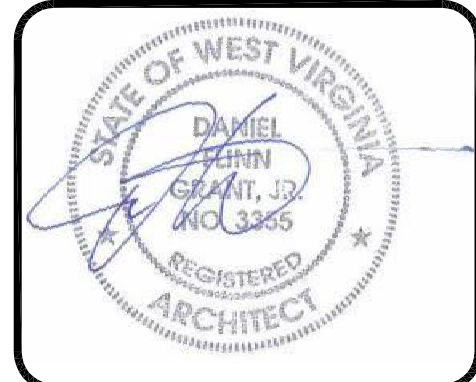
1. INTERIM SURFACE STABILIZATION WILL CONSIST OF PLACING MATERIALS TO PREVENT WASH OR EROSION OF SEEDED PROJECT AREAS UNTIL A UNIFORM VEGETATIVE COVERING IS ESTABLISHED, OR TO ALLOW THE CONVEYANCE OF FLOWS IN PROJECT WATERCOURSES AT VELOCITIES GREATER THAN THE ALLOWABLE FOR THE COVER USED. MULCHING WITHOUT SEEDING CAN BE USED AS AN INTERIM STABILIZATION CONTROL DURING NON-GROWING SEASONS. MULCH MATERIALS, BINDERS, CONSTRUCTION AND MAINTENANCE WILL BE IN ACCORDANCE WITH APPLICABLE STANDARDS.
2. TEMPORARY EROSION CONTROLS SHALL NOT BE REMOVED UNTIL THE AREA HAS BEEN PERMANENTLY STABILIZED W/VEGETATION. PERMANENT VEGETATIVE STABILIZATION WILL NOT BE ACHIEVED UNTIL A UNIFORM EROSION RESISTANT PERENNIAL VEGETATIVE COVER OF AT LEAST 70% OF THE DISTURBED AREA IS ESTABLISHED.
3. EROSION CONTROLS TO CONSIST OF INSTALLING 18" HIGH FILTER FABRIC FENCE (SILT FENCE) AROUND THE PERIMETER OF THE EXISTING CULVERTS. INLETS SHALL BE PROTECTED FROM ANY SEDIMENT ENTERING THE STORM DRAINAGE SYSTEM. THE CONTRACTOR IS TO BE HELD RESPONSIBLE FOR ANY SEDIMENT FROM FLOWING OFF-SITE ONTO ADJACENT STREETS, ALLEYS OR PROPERTIES. SHOULD SEDIMENT ENTER ONTO ANY SUCH OFF-SITE PROPERTIES, CONTRACTOR TO BE RESPONSIBLE FOR CLEANING SEDIMENT FROM ROADS, STORM DRAINAGE SYSTEMS OR ADJACENT PROPERTIES.
4. UPON COMPLETION OF FINAL GRADING OF THE SITE, ALL DISTURBED EARTH IS TO BE SEEDED AND MULCHED ACCORDING TO THE SEEDING AND MULCHING SPECIFICATION.
5. SEVENTY-TWO (72) HOURS PRIOR TO EXCAVATION IN PUBLIC RIGHT-OF-WAYS OR IN AREAS SERVED BY UNDERGROUND UTILITIES CALL MISS UTILITY 1-800-245-4848
6. CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR EXACT LOCATIONS OF ALL UTILITIES.
7. ALL EXPENSE FOR WORK REQUIRED TO BRING UTILITIES TO THE BUILDING EITHER BY THE CITY, UTILITY COMPANY OR CONTRACTOR SHALL BE PAID BY THIS CONTRACTOR.
8. CONTRACTOR IS TO VERIFY EXISTING GRADES AND CONSULT ARCHITECT WITH ANY DISCREPANCIES BEFORE COMMENCING WORK.
9. SITE TO BE LAID OUT BY LICENSED SURVEYOR OR CIVIL ENGINEER. AUTOCAD FILES ARE AVAILABLE UPON REQUEST.
10. REFERENCE SHEET A1.1 FOR AREAS ASSOCIATED WITH ADD ALTERNATES #6 & #7. ITEMS ASSOCIATED WITH THE WORK IN THESE AREAS WILL BE INCLUDED IN THE ASSOCIATED ALTERNATES FOR EACH ILLUSTRATES AREA WITH THE EXCEPTION OF SITE FURNITURE WHICH HAS ITS OWN ADD ALTERNATE #8.

COURTYARD PLAN KEYNOTES:

- 1 EXISTING CONCRETE CURB TO REMAIN. POWER CLEAN AND PROTECT IN PLACE.
- 2 EXISTING STORM WATER CATCH BASIN TO REMAIN. PROTECT IN PLACE
- 3 NOT USED
- 4 GRADE AREA INDICATED ON DRAWINGS TO ACHIEVE ILLUSTRATED SITE ELEVATIONS WITH GRADUAL SLOPE TO EXISTING ELEVATIONS AS REQUIRED.
- 5 NOT USED
- 6 MATCH EXISTING ELEVATION. VERIFY ACTUAL ELEVATIONS IN THE FIELD AND REPORT DISCREPANCIES TO A/E TYPICAL.
- 7 4" THICK BROOM FINISHED CONCRETE SLAB WITH 4X4 W2.9XW2.9 WWF ON 6" COMPACTED GRANULAR SUB-BASE & TYPAR STABILIZATION FABRIC. PROVIDE SAWCUT CONCRETE JOINTS AS ILLUSTRATED & 1/2" PREMOLDED EXPANSION JOINTS @ 20'-0" O.C. MAX. REFERENCE DETAILS 10/C4.0. PROVIDE 1/2" EXPANSION JOINT @ ALL BUILDING WALLS AND EXISTING CONCRETE CURBS TYPICAL.
- 8 TOPSOIL AND SEEDING PER SPECIFICATION @ ALL GRADED LAWN AREAS. REFERENCE PROJECT MANUAL.
- 9 LANDSCAPING PLANT BED. REFERENCE SHEET C1.0 & PROJECT MANUAL.
- 10 ADA RAMP AND PREFABRICATED/PREFINISHED ALUMINUM RAILING. REFERENCE SHEETS C1.0, C2.0, C3.0, & C4.0 AND KEYNOTE 12 & 13.
- 11 CONCRETE STAIRS AND PREFABRICATED/PREFINISHED ALUMINUM RAILING. REFERENCE SHEETS C1.0, C2.0, C3.0, & C4.0 AND KEYNOTE 12 & 13.
- 12 PREFABRICATED/PREFINISHED ALUMINUM RAILING SYSTEM BY HOLLAENDER OR APPROVED EQUAL. STYLE: TWO-LINE INTERNA-RAIL. OVERALL HEIGHT: 42". INBOARD HANDRAIL HEIGHT: 36". HEIGHTS INCLUDE 6" CURB. WELDED WIRE MESH INFILL PANELS: 2"x2"x 1.18" WIRE DIAMETER STEEL IN 14 GAUGE STEEL U-CHANNEL FRAME W/CORNERS WELDED AND GROUND SMOOTH. ALUMINUM RAILING FINISH: CLEAR ANODIZED. INFILL PANEL FINISH: ALL EXPOSED SURFACES TO BE ELECTRO COATED WITH PPG POWER CROWN 8000 OR EQUAL FOLLOWED BY TGIC POLYESTER DARK BRONZE METALIC. EXTERIOR POWDER COAT MINIMUM AAMA 2603. MOUNTING: HORIZONTAL SURFACE WITH #146-1R INTERNAL BASE FLANGE & #242 COVER PLATE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS TO MEET ALL APPLICABLE CODES. REFERENCE SHEETS C3.0.
- 13 PREFABRICATED/PREFINISHED ALUMINUM RAILING SYSTEM BY HOLLAENDER OR APPROVED EQUAL. STYLE: TWO-LINE INTERA-RAIL. HEIGHT: 36". HEIGHTS INCLUDE 6" CURB.FINISH: CLEAR ANODIZED. MOUNTING: HORIZONTAL SURFACE WITH #146-1R INTERNAL BASE FLANGE AND #242 COVER PLATE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS TO MEET ALL APPLICABLE CODES. REFERENCE SHEETS C3.0.
- 14 POLE MOUNTED LIGHT FIXTURE. REFERENCE ELECTRICAL DRAWINGS.
- 15 12" SQUARE TOP PROM-DECK DRAIN WITH HEEL PROOF GRATE & ROTATABLE FRAME BY ZURN OR APPROVED EQUAL. MODEL NUMBER: Z154. OUTLET PIPE SIZE: 4". OUTLET TYPE: NEO-LOC. BODY HEIGHT: 3/2". ADDITIONAL FEATURES: D.C.C.I BODY WITH POLISHED NICKEL BRONZE TOP. TOP-SET ADJUSTABLE EXTENSION ASSEMBLY. NEO-LOC TEST CAP GASKET. & VANDAL-PROOF SECURED TOP. PROVIDE #4 REINFORCING HOOP BAR. TYPICAL IN SLAB SURROUNDING DRAINS WITH 3" EDGE DISTANCE. TYPICAL.
- 16 SURFACED MOUNTED PATH LIGHT FIXTURE BY LANDSCAPE FORMS OR APPROVED EQUAL. REFERENCE ELECTRICAL DRAWINGS.
- 17 CONCRETE PAVERS BY UNI-LOCK OR APPROVED EQUAL. STYLE: HOLLANDSTONE. COLOUR: COFFEE CREEK. FINISH: STANDARD. EDGE: CHAMFERED. SIZE: 7.875" X 3.875" X 2.375". JOINT SAND: TAN. INSTALL PAVES SYSTEM OVER 4" THICK REINFORCED CONCRETE SLAB BASE UTILIZING .075" X 1.75" MILL FINISH ALUMINUM EDGE RESTRAINTS BY PERMALOC OR APPROVED EQUAL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS TO MEET ALL APPLICABLE CODES. REFERENCE DETAIL 11/C4.0 AND SHEETS A2.0, A2.1, A2.2, & A2.3.
- 18 CONCRETE FORM LINER FINISH BY DAYTON SUPERIOR-SYMONS OR APPROVED EQUAL. TYPE: REUSABLE ABS PLASTIC. STYLE: BROOM SWEPT. INSTALL ON VERTICAL CONCRETE WALL SURFACES AS ILLUSTRATED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. REFERENCE SHEET C3.0 & C4.0.
- 19 SURFACE MOUNTED OUTDOOR TABLET-ARM BACKED BENCH BY LANDSCAPE FORMS OR APPROVED EQUAL. COLLECTION: MULTIPLICITY. STYLE: STRAIGHT RIGHT OFFSET BACKREST RIGHT TABLE ARM. SIZE: 24"D X 107"W X 33"H. WEIGHT: 186 LBS. ALUMINUM SUPPORT FRAME FINISH: CLEAR ANODIZED. WOOD FINISH: IPE. ADD ALTERNATE #8.
- 20 SURFACE MOUNTED OUTDOOR TABLET-ARM BACKED BENCH BY LANDSCAPE FORMS OR APPROVED EQUAL. COLLECTION: MULTIPLICITY. STYLE: STRAIGHT LEFT OFFSET BACKREST LEFT TABLE ARM. SIZE: 24"D X 107"W X 33"H. WEIGHT: 186 LBS. ALUMINUM SUPPORT FRAME FINISH: CLEAR ANODIZED. WOOD FINISH: IPE. ADD ALTERNATE #8.
- 21 FREE STANDING OUTDOOR BACKLESS BENCH BY LANDSCAPE FORMS OR APPROVED EQUAL. COLLECTION: MULTIPLICITY. STYLE: STRAIGHT. SIZE: 23"D X 95"W X 18"H. WEIGHT: 149 LBS. ALUMINUM SUPPORT FRAME FINISH: CLEAR ANODIZED. WOOD FINISH: IPE. ADD ALTERNATE #8.
- 22 FREE STANDING OUTDOOR TABLE BY LANDSCAPE FORMS OR APPROVED EQUAL. COLLECTION: MULTIPLICITY. STYLE: TABLE. SIZE: 35"D X 95"W X 29"H. WEIGHT: 119 LBS. ALUMINUM SUPPORT FRAME FINISH: CLEAR ANODIZED. WOOD FINISH: IPE. ADD ALTERNATE #8.
- 23 SURFACE MOUNTED OUTDOOR LITTER RECEPTACLE BY LANDSCAPE FORMS OR APPROVED EQUAL. COLLECTION: MULTIPLICITY. STYLE: DOUBLE LITTER. SIZE: 26"D X 15"W X 47"H. WEIGHT: 85 LBS. ALUMINUM SUPPORT FRAME FINISH: CLEAR ANODIZED. POLYETHYLENE LITTER BIN: BLACK FINISH WITH STANDARD WASTE OPENING, BUILT-IN HANDLES, BAG HANGER, AND LOCK. ADD ALTERNATE #8.
- 24 PARASEAL HDPE/BENTONITE SHEET MEMBRANE DUAL WATER PROOFING SYSTEM BY TREMCO OR APPROVED EQUAL AT EXISTING WALL AND WINDOW INFILL PANEL. TYPICAL. REMOVE (2) LOWER CRAWL SPACE WINDOWS AND INFILL AS REQUIRED WITH 6" CMU PANEL. REFERENCE PICTURE DETAIL 13/C4.0 FOR EXISTING CONDITIONS.



1 OVERALL COURTYARD PLAN
SK1.0 SCALE: 1/8" = 1'-0" NORTH



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DRAWING STATUS
DESIGN STAGE:
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<input type="radio"/> DESIGN DEVELOPMENT
<input checked="" type="radio"/> CONSTRUCTION DRAWINGS
RELEASED FOR:
<input checked="" type="radio"/> REVIEW
<input type="radio"/> BIDDING
<input type="radio"/> CONSTRUCTION

WV-CTCS
WVU-PARKERSBURG COURTYARD
RENOVATION
PARKERSBURG, WEST VIRGINIA
COURTYARD PLAN

REVISION

DRAWN BY: C. BRONDER	CHECKED BY: D. GRANT
PROJECT NO. 18-053.5	
SCALE: AS NOTED	DATE: 08-30-18

SHEET
SK1.0